



Acoustic Effectiveness of Vinyl Fence Noise Walls

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<p>There are currently a variety of materials from which noise walls can be constructed, but there has been limited research on vinyl noise walls, so this project studied the acoustic, aesthetic, and cost benefits of vinyl materials to guide future noise mitigation implementation strategies. The research team studied vinyl noise walls to determine if they were effective in mitigating traffic noise. The effectiveness determination was evaluated using the feasibility and reasonableness factors that are a part of ODOT's existing noise program. For feasibility, the vinyl noise walls were evaluated based on how well they performed acoustically; and for reasonableness, the vinyl noise walls were evaluated based on how cost effective and constructable they were. Considering the feasibility and reasonableness factors in addition to aesthetics, the results indicated that vinyl noise walls are an attractive and effective option for mitigating the impacts of traffic noise. In the future, ODOT could consider integrating vinyl noise walls into its noise program in the following ways: integrate vinyl materials into existing programs, create a new vinyl noise wall program, consider a vinyl noise wall alternative on a case-by-case basis, or provide information on vinyl materials to local governments and private communities.</p>					
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Executive Summary



Problem Statement & Goals

There are currently a variety of materials from which noise walls can be constructed, but there has been limited research on vinyl noise walls, so this project studied the acoustic, aesthetic, and cost benefits of vinyl materials to guide future noise mitigation implementation strategies.

Research Methodology

Below is the approach that was followed for this study:

- Step 1: Project Management
- Step 2: Vinyl Material Literature Search & Evaluation
- Step 3: Acoustic Testing - three locations selected
- Step 4: Data Analysis & Modeling - a variety of analyses were performed
- Step 5: Recommendations & Conclusions
- Step 6: Draft Report & Fact Sheet
- Step 7: Final Report & Fact Sheet
- Step 8: Research Article

Acoustic Effectiveness of Vinyl Noise Walls

The research team studied the vinyl materials to determine if they were effective in mitigating traffic noise. The effectiveness determination was evaluated using the feasibility and reasonableness factors that are a part of ODOT's existing noise program. For feasibility, the vinyl materials were evaluated based on how well they performed acoustically; and for reasonableness, the vinyl materials were evaluated based on how cost effective and constructable they were. Factoring in the feasibility and reasonableness factors as well as aesthetics, the results indicated that vinyl materials are an attractive and effective option for mitigating the impacts of traffic noise. **In particular, Simulated Stone vinyl materials can deliver 75 percent of the noise reduction performance of concrete materials for 50 to 75 percent of the cost.**

Vinyl Noise Wall Construction Recommendations

Construction recommendations were identified to improve the vinyl noise wall installation process and included best practices related to construction equipment, construction materials, construction process, and manufacturer improvements. Considering the damages that occurred to the vinyl noise wall built for this project, the most relevant recommendations include performing subsurface investigations where noise walls are expected to be built, conducting inspections of the materials when received to identify any deficiencies prior to installation, and exploring more secure attachment methods for the post caps.

Ideal Sites for Vinyl Noise Walls

The ideal site conditions recommended for the construction of a vinyl noise wall, include:

- Relatively flat terrain where the noise wall will be constructed.
- Minimal to no above-ground, on the ground, or below ground obstructions, such as buildings, large trees and brush, heavy equipment, and utilities.
- Accessibility for regular maintenance at the right-of-way fence.
- Protected site from roadway debris and snow plowing.
- Soils and ground conditions that are not sandy and do not have high water content.



Conclusions & Potential Applications

The results of the research can be used to guide future noise mitigation implementation strategies. In the future, there is a possibility of offering more Ohio communities less costly noise mitigation options, thus providing noise mitigation to more people while saving taxpayer dollars. As a result, the end users of this research could include state DOTs, engineers, planners, and environmental specialists across the U.S. who are interested in more noise mitigation options. In the future, ODOT could consider integrating vinyl noise walls into its noise program in the following ways: integrate vinyl materials into existing programs, create a new vinyl noise wall program, consider a vinyl noise wall alternative on a case-by-case basis, or provide information on vinyl materials to local governments and private communities.

CHAPTER 1

Project Overview



Project Background

Problem Statement

There are currently a variety of materials from which noise walls can be constructed, and concrete and fiberglass are the most widely used in Ohio. In 2012, the Ohio Department of Transportation (ODOT) funded a research study to compare and test the advantages and disadvantages of other noise wall materials; however, the study did not examine vinyl as a material for noise walls at that time. Additionally, there is limited research regarding the comparative acoustic benefits of using vinyl materials in freeway rights-of-way. As a result, this project aimed to determine the acoustic, aesthetic, and cost benefits of vinyl materials to guide future noise mitigation implementation strategies.

Goals & Objectives

The primary goal of this study is to evaluate the acoustic effectiveness, cost feasibility, and overall benefits of using vinyl materials as a viable option for use as a noise wall. To accomplish this goal, a locally-sourced vinyl material was constructed and tested as a noise wall along a major freeway in Ohio, specifically in Lima, Ohio along I-75. The acoustic effectiveness of the Lima vinyl noise wall was compared to the existing vinyl privacy fence located in Richmond, Virginia (same vinyl material as the Lima noise wall) and the existing vinyl fence located in Green, Ohio (different vinyl material than the Lima noise wall), as well as existing nearby concrete noise walls. The comparisons helped to determine the advantages and disadvantages of using vinyl materials as noise walls. The results of the research will be used to guide ODOT in future noise mitigation implementation strategies. Furthermore, ODOT has gained a better understanding of available vinyl materials and the feasibility of the products to be used for noise abatement. This research also identified construction best practices of vinyl noise walls.

Regulations & Policies

Federal

In 1972, Congress passed the Federal-Aid Highway Act, requiring the Federal Highway Administration (FHWA) to develop a noise standard for new federal-aid highway projects. The FHWA Noise Standard provides the criteria and requirements for all highway agencies to follow while allowing flexibility to observe state-specific issues and objectives to address the problem of highway traffic and construction noise. This regulation, 23 CFR 772, contains guidelines on how highway traffic noise impacts are defined in the form of the Noise Abatement Criteria (NAC), how noise abatement is evaluated, and how noise abatement decisions are made.

State of Ohio

The ODOT noise policy is provided in the ODOT Highway Traffic Noise Analysis Manual. This Manual is applicable to both federally-funded and state-funded projects. The manual specifies the types of noise barrier materials that are available for use, such as concrete, fiberglass, aluminum, and earthen mounds. It also states that noise barriers made of concrete material are currently the most cost effective and flexible for aesthetic treatments. While vinyl material is not currently listed in the manual, general noise wall material selection guidelines include:

- The noise barrier material shall be in keeping with the ODOT's Aesthetic Design Initiative, which was created to improve the aesthetic appearance of ODOT's transportation facilities.
- Approved standard material types are concrete and fiberglass.



- If an earthen mound noise barrier is determined to be feasible and reasonable to construct, it shall be considered the first option.
- Use of alternative materials is determined on a project basis.

Research Methodology

Below is the approach that was followed in performing this study.

Step 1: Project Management

The Principal Investigator from Burton Planning Services (BPS) conducted ongoing coordination and updates with the ODOT Project Manager and the Technical Panel as well as with subconsultant staff throughout the life of the project. Updates included monthly technical memos and progress calls with agendas and minutes, mobilizing the subconsultants, and ensuring deliverables and the timeline with milestones are met. Meetings included a Start-Up meeting, monthly progress calls, and a mid-way Review Session. The Principal Investigator gave a Results Presentation on the findings of the study at the completion of the project.

Step 2: Vinyl Material Literature Search & Evaluation

A literature search of existing research was performed to collect existing information on previous studies on vinyl noise barriers to identify best practices that could be incorporated in this research project. Data on the vinyl materials was collected from manufacturers, including costs and production time. Characteristics and other related information of the vinyl materials were inventoried and compared. In addition, the vinyl material characteristics were evaluated against the noise wall requirements of Section 800 of ODOT's Bridge Design Manual.

Step 3: Acoustic Testing

A total of 16 sites were evaluated for construction feasibility. From this evaluation, two sites were initially selected and approved by ODOT; however, after challenges at one of the sites, a single site in Lima, Ohio on an ODOT property was selected for construction of one of the vinyl materials. Once the vinyl fence materials were manufactured and shipped to the site, the construction contractor installed the vinyl noise wall following the manufacturers installation specifications. Professional construction management services, led by CAP-STONE staff and assisted by ODOT and BPS staff, documented the installation process, best practices, and challenges observed during construction.

Acoustic testing was performed at the Lima, Ohio location, before and after construction. In order to gather additional data, the research team received permission to conduct acoustic testing at two additional locations - at an existing vinyl fence in Green, Ohio and at an existing vinyl privacy fence in Richmond, Virginia. The research team followed ODOT's Noise Manual and FHWA's Noise Measurement Guidance on noise readings for the acoustic testing. Noise Measurement Plans were prepared and approved prior to the field work. Property owners and the respective state DOT staff were notified in advance of the field work and construction activities. Acoustic testing was performed for multiple rounds at the Lima, Ohio; Richmond, Virginia; and Green, Ohio locations. In order to gather a meaningful amount of data and account for site and traffic variations that can affect noise readings, each site included at least three rounds of 15-minute noise readings. Traffic counts on the primary roadway and ambient and meteorological conditions were also recorded during the noise readings.



Step 4: Data Analysis & Modeling

The results from the acoustic testing were tabulated, and the data was analyzed by the research team. The data analyses used aggregated and disaggregated noise observations, along with TNM noise model predictions, to fully assess the acoustic effectiveness of the vinyl materials using multiple methods. The different analyses included:

1. Aggregated Dropoff Performance Comparative Analysis;
2. Aggregated Difference-in-Difference Comparative Analysis;
3. Disaggregated Minute-by-Minute Descriptive Statistical Analysis;
4. TNM Modeling Predictive Analysis; and,
5. Cost-Benefit Comparative Analysis.

Further details on the methodologies followed for the analyses are included in the **Chapter 4: Data Analysis & Modeling**.

Step 5: Recommendations & Conclusions

Utilizing the findings and results from the previous tasks, recommendations and conclusions were prepared regarding the vinyl materials, including the acoustic effectiveness of the vinyl materials, information for ODOT's list of approved noise wall types and suppliers, and ideal types of sites for the construction of vinyl noise walls. In addition, recommended best practices were prepared for the construction and installation of vinyl noise walls.

Step 6: Draft Report & Fact Sheet

A draft report and fact sheet were prepared that included the information, associated graphics and exhibits, results, recommendations, and conclusions from the study for review and comment by the ODOT Project Manager and Technical Panel.

Step 7: Final Report & Fact Sheet

After receiving feedback, the research team updated the report and fact sheet and submitted the final version to the ODOT Project Manager and Technical Panel.

Step 8: Research Article

The research team prepared a research article for the ODOT R&D Newsletter.

CHAPTER 2

Vinyl Material Literature Search & Evaluation



Literature Search Overview

This chapter includes a summary of existing research on vinyl noise walls and details on existing vinyl noise walls and vinyl materials that have been constructed within and outside Ohio. In addition, manufacturer specifications on the vinyl materials that were used for this project were inventoried and evaluated in comparison with the corresponding sections in ODOT’s Bridge Design Manual.

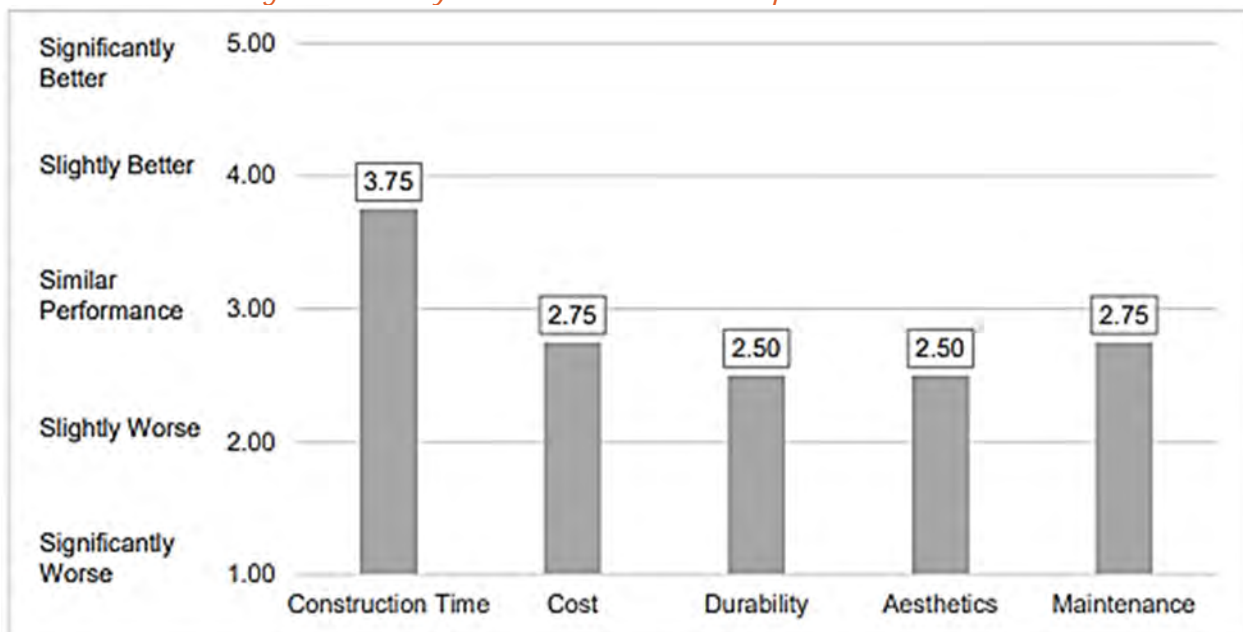
Existing Research

There was limited research available on vinyl noise walls; however, three research studies were identified and summarized below. **Appendix A** contains the references for the research.

Research Study #1: Alternative Noise Barrier Approvals

A research study titled “Alternative Noise Barrier Approvals” (El-Rayes, Liu, & Ignacio, 2018) included an evaluation of various noise wall materials. The study was performed by researchers at the University of Illinois and published in November 2018. This study surveyed 32 representatives from 30 different state DOTs, including Ohio. Alternative noise wall materials were compared to traditional concrete materials in construction time, maintenance, aesthetics, cost, and durability. According to the study, vinyl noise barriers, as compared to precast concrete noise barriers, performed better in construction time. However, vinyl noise barriers were slightly worse in cost, durability, aesthetics, and maintenance (see **Figure 2.1**).

Figure 2.1: Vinyl Noise Materials as Compared to Concrete



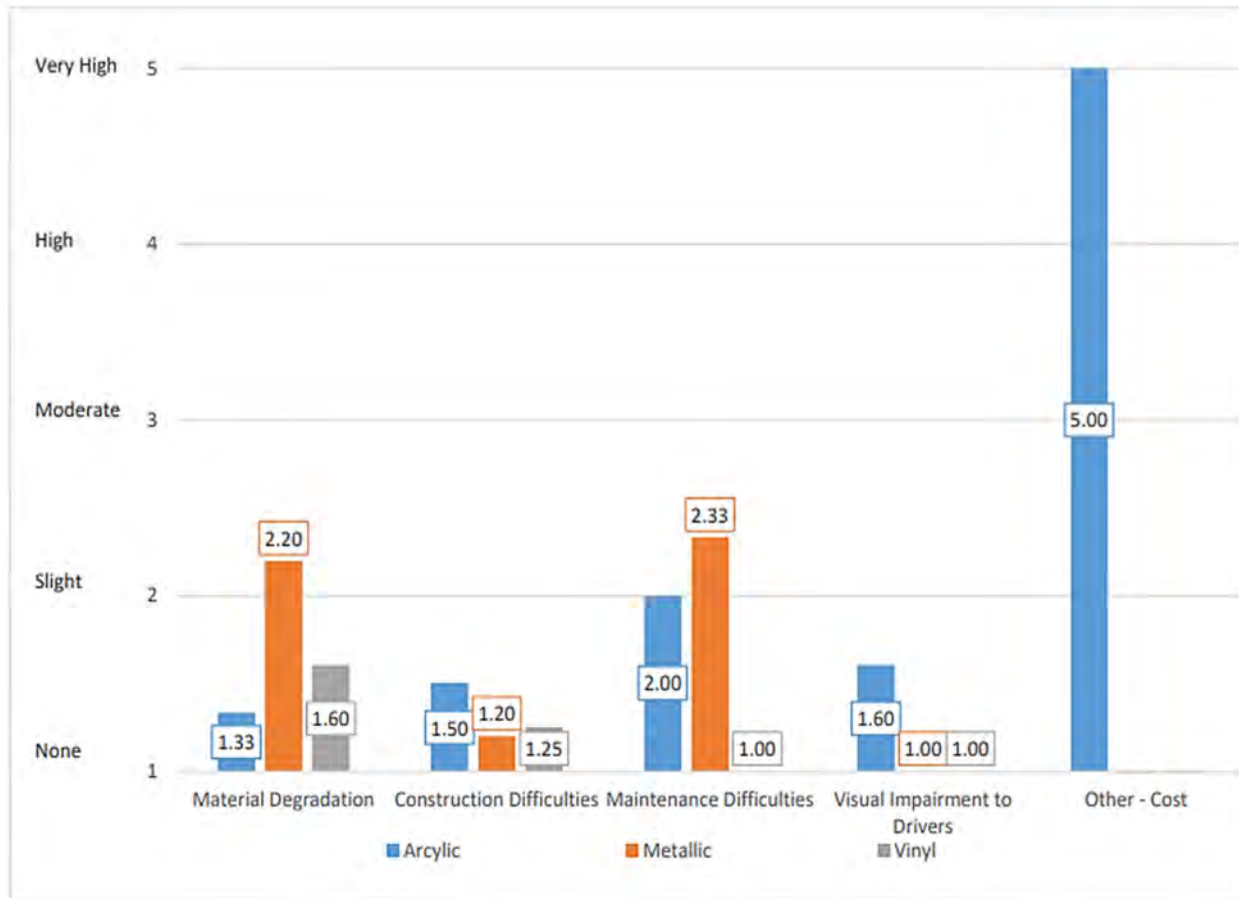
Source: Alternative Noise Barrier Approvals, Civil Engineering Studies, 2018

At least 23 of the 30 states that participated in the study (including Ohio) did not use vinyl noise barriers, and at least one other state used vinyl noise barriers but did not have sufficient data. The vinyl noise barrier constructed in 2017 in Aurora, Illinois is mentioned in this report. The three alternative materials (vinyl, acrylic, and metallic) were also compared to each other in terms of material degradation, construction difficulties, maintenance difficulties, visual



difficulties, and cost (see Figure 2.2). Vinyl performed better than metallic and acrylic materials in every area except material degradation, where it was ranked second. These scores were reached by asking DOT officials how severe the problems were for each material, ranging from no problems to severe problems. State DOT representatives and the University of Illinois reported no problems related to maintenance or visual impairment to drivers when compared to other types of walls. Three out of four reported no problems with construction, and one reported only slight problems. Three out of five reported no problems with material degradation, one reported some slight issues, and one reported moderate issues.

Figure 2.2: Vinyl Noise Wall Difficulty Ratings



Source: *Alternative Noise Barrier Approvals, Civil Engineering Studies, 2018*

Research Study #2: Illinois DOT Aurora Vinyl Noise Wall

Illinois DOT constructed vinyl noise walls with heights six feet, eight feet, ten feet, and 12 feet in a residential neighborhood in Aurora, Illinois in December, 2013. Illinois DOT has performed field observations over time on these noise walls. According to an Illinois DOT memo (Alnamer, September 2017), most panels showed no signs of failure with some exceptions where panels had minor issues, such as bends in the center and cracks at the bottom, as well as a post that was broken at the bottom. The bent panels were marked to be replaced. The following year, two inspection memos (Brownlee, August 2018 and Alnamer, September 2018) were released. Inspection revealed that the vinyl noise walls with two panels show gaps of about one-quarter to one-half of an inch, large enough to allow light to pass during colder weather (31 degrees). Upon inspection in warmer weather (70 degrees), these gaps were lessened or disappeared, indicating that this shrinkage might have been due to cold weather. See Appendix B for the information provided by the Illinois DOT on this vinyl noise wall.



Research Study #3: ODOT Vinyl Material Noise Measurements

ODOT staff identified and performed ten-minute noise readings on vinyl materials installed in five locations in Ohio using Rion and Norsonic noise meters. The results are documented in Figure 2.3; the locations are shown in Figure 2.4.

Figure 2.3: ODOT Noise Reduction Testing for Vinyl Materials in Ohio

Location	FRA-Wilson Road	STA-Hills Dales Road	STA-Hills Dales Road	SUM-77 Gables of Green	SUM-77 Gables of Green	FRA-270 & Trueman Blvd	MAH-76 Canfield
Date	1/13/19	8/7/19	8/7/19	3/9/20	3/9/20	4/12/21	4/19/21
Noise Wall Height (ft)	5	6	6	7	7	7	8
Vinyl Material	Unspecified Vinyl	Unspecified Vinyl	Unspecified Vinyl	Tahoe II PVC	Tahoe II PVC	Unspecified Vinyl	Simulated Stone
Pavement	Asphalt	Asphalt	Asphalt	Asphalt	Asphalt	Asphalt	Asphalt
Temp (°F)	86	82	82	64	64	56	60
Wind (mph)	10	4	4	15	15	13	12
Wind Direction	WS	W	W	SW	SW	W	W
Start Time	11:30	11:00	11:15	13:55	14:15	11:50	13:10
Stop Time	11:40	11:10	11:25	14:15	14:35	12:00	13:20
L _{eq} Top of Wall (dBA)	72.3	68.5	68.0	72.5	73.3	67.2	69.2
L _{eq} Behind Wall (dBA)	62.2	59.3	61.5	63.4	63.5	61.0	57.4
L _{eq} Reduction (dBA)	10.1	9.2	6.5	8.9	9.8	6.2	11.8
Traffic A	129	149	133	-	-	-	123
Traffic B	5	0	0	-	-	-	2
Traffic C	6	4	2	-	-	-	74
Vehicles per Hour	840	918	810	-	-	6,710/760	1,194
Average Daily Traffic	-	5,508	4,860	105,000	105,000	-	20,000
Trucks	8%	3%	1%	7%	7%	14%/1%	37%
Speed Limit (mph)	35	45	45	65	65	65/35	70
Distance from EOP (ft)	18	24	40	85	85	675/40	93
Measurement Location Lat/Long	39.982881, -83.104519	40.834252, -81.470917	40.834252, -81.470917	40.956095, -81.457064	40.956095, -81.457064	40.041151, -83.123336	41.046951, -80.767194

Source: Ohio Department of Transportation

Additional Research

Identification of Existing Vinyl Fences/Walls

Locations of existing vinyl fences and noise walls were identified and documented as part of this project (see Figure 2.4), including:

- Green, Ohio, along I-77 (same as SUM-77 Gables of Green location in Figure 2.3)
- Bexley, Ohio, along Travis Road
- Kettering, Ohio, along Woodman Drive
- Aurora, Illinois, along Eola Road
- Richmond, Virginia, along I-64
- Rocky Mount, North Carolina, at Gardenia Circle
- Dearborn, Michigan, at the Ford Dearborn Development Center
- A vinyl noise wall manufacturer in Ontario, Canada was also identified and documented

Figure 2.4: Locations of Existing Vinyl Fences/Noise Walls



Green, Ohio Location

A vinyl fence was installed in Gables of Green, a retirement facility in Green, Ohio, located along I-77, at 2045 Franks Pkwy, Uniontown, Ohio, in November 2017. The fence is seven feet tall, 120 feet long, and white in color. It was constructed with Tahoe II Privacy Fence manufactured and supplied by Veka Outdoor Living Products (see Figure 2.5).

Figure 2.5: Green, Ohio Vinyl Fence



Bexley, Ohio Location

A vinyl noise wall was installed in Bexley, Ohio at 2645 Travis Rd, Columbus, Ohio on June 15, 2020. The wall is eight feet tall and 1,500 feet long and constructed of Simulated Stone material from Vinyl Fence Wholesaler (see Figure 2.6).

Figure 2.6: Photos of the Bexley, Ohio Vinyl Fence Noise Wall



Kettering, Ohio Location

A vinyl noise wall was installed at 1731 Woodman Drive, Kettering, Ohio on August 3, 2019. The wall is approximately six feet tall and 408 feet long and constructed of Simulated Stone material from Vinyl Fence Wholesaler (see Figure 2.7).

Figure 2.7: Photos of the Kettering, Ohio Vinyl Fence Noise Wall



Aurora, Illinois Location

A series of vinyl noise walls were constructed by the Illinois DOT along Eola Road in Aurora, Illinois (Figure 2.8) of varying heights - six feet, eight feet, ten feet, and 12 feet. Construction was completed in June 2017. This noise wall is registered with FHWA as an Experimental Project (IDOT IL 15 - 13). Structural specifications of the noise wall are provided in Appendix B.

Figure 2.8: Aurora, Illinois Vinyl Noise Wall



Richmond, Virginia Location

A vinyl privacy fence was installed in Richmond, Virginia along the northbound side of I-64. The wall is installed between Oak Lane Avenue and Maple Shade Lane. The wall is 12 feet tall and approximately 1,100 feet long and constructed of Simulated Stone material manufactured by Vinyl Fence Wholesaler (see Figure 2.9).

Figure 2.9: Richmond, Virginia Vinyl Privacy Fence



Rocky Mount, North Carolina Location

Vinyl noise walls were installed in Rocky Mount, North Carolina at the Gardenia Circle neighborhood. The walls are eight feet tall and have a total length of approximately 2,500 feet. The walls were installed surrounding the residential properties in Gardenia Circle. The walls are white in color and constructed of a material similar to Augusta PWPR-3R-8X6 (see Figure 2.10).

Figure 2.10: Rocky Mount, North Carolina Vinyl Noise Wall



Dearborn, Michigan Location

Vinyl noise walls were installed in Dearborn, Michigan surrounding the Ford Dearborn Development Center located at 20050 Oakwood in Dearborn, Michigan. The vinyl noise walls surround the Ford Center and its test tracks on three sides along Oakwood Boulevard, Rotunda Drive, and Southfield Freeway (M-39). The wall is eight feet tall and approximately 1.86 miles in length and is constructed using the Simulated Stone material from Vinyl Fence Wholesaler (see Figures 2.11 and 2.12).

Figure 2.11: Michigan Vinyl Noise Walls, along Southfield Freeway



Source: Google Maps

Figure 2.12: Michigan Vinyl Noise Walls, along Oakwood Boulevard



Source: Google Maps

Ontario, Canada AcoustiGuard Vinyl Noise Walls

AcoustiGuard is a vinyl fence manufacturer based in Ontario, Canada and has been operating since 1997. According to the product information from AcoustiGuard, vinyl noise barriers have strong noise blocking properties, are low cost when compared to concrete noise walls, have a longer lifespan when compared to concrete noise walls, and are resistant to graffiti. Figure 2.13 shows a sample AcoustiGuard vinyl noise wall.

These vinyl noise walls are made using perforated vinyl panels that are filled with an acoustically-absorbent mineral fiber that does not absorb water. The rails are designed to be self-draining for the worst weather or wind conditions. They have a surface density weight of 5.2 pounds per square foot providing a Sound Transmission Class (STC) of up to 36. The walls have a Noise Reduction Coefficient (NRC) of 1.0 indicating that all the noise is absorbed and not reflected. The noise barrier rails are full 'tongue and groove' design, making them strong, stable, and acoustically sealed. The walls are further backed by independent tests conducted in a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory per American Society for Testing and Materials (ASTM) E90 (transmission loss) and ASTM C423 (sound absorption).

Figure 2.13: AcoustiGuard Vinyl Noise Wall in Ontario, Canada





Bridge Design Manual Evaluation

The ODOT Bridge Design Manual (Section 801, Tables 801-1 and 801-2) describes materials that may be approved for noise walls other than precast concrete, as well as their approved manufacturers. Neither of these tables currently list vinyl as an approved material.

Aesthetic guidelines defined in the Bridge Design Manual (Section 802.2) are:

- No form liner is required for non-concrete noise wall materials.
- Posts and post caps are required, and both should be of the same material.
- Post caps should be six inches high and four inches wider than the post, which extends two inches on either side.
- Approved colors include beige, light gray, tan, and plain uncoated concrete.

Three vinyl fence materials were evaluated (see **Appendix B** for material specifications):

- Simulated Stone Privacy Fence: manufactured by Vinyl Fence Wholesaler, installed at the Lima, Ohio and Richmond, Virginia sites
- Tahoe II PVC Fence: manufactured and supplied by Veka Outdoor Living Products, installed at the Green, Ohio site
- Augusta PWPR-3R-8X6: manufactured by Weatherables and supplied by Home Depot (similar to the Tahoe II PVC Fence)

Post Caps

The Augusta PWPR-3R-8X6 material specifications do not specifically mention post caps, while the Simulated Stone Privacy Fence and Tahoe II PVC Fence specifications do specifically mention post caps. The Simulated Stone Privacy Fence specifications show that the post caps are three inches high and 6.5 inches wide, while the post is five inches wide. These post cap specifications do not currently meet ODOT standards for aesthetics. Tahoe II PVC Fence specifications mention post caps that fit a five inches wide post but does not provide the actual dimensions of the cap itself.

Color Variations

With respect to color, the Augusta PWPR-3R-8X6 materials is available in white. The Tahoe II PVC Fence is available in white, almond, khaki, and stone. The Simulated Stone Privacy Fence is available in brown, grey, beige, dark brown, and black.

Noise Resistance

The noise 'resistance' quality of a material is expressed in the Noise Reduction Coefficient (NRC) and the Sound Transmission Class (STC) for a given material. The NRC is a single number rating of the sound absorption properties of a material. It is the arithmetic mean of the sound absorption coefficient at 250hz, 500hz, 1000hz, and 2000hz rounded to the nearest multiple of 0.05 metric Sabin's per square meter. Measurements to obtain the NRC value are performed in accordance with the ASTM standard C423. The STC is a whole number rating of how well a building material attenuates airborne sound. In the U.S., STC is widely used to rate interior walls, ceilings, floors, doors, windows, and in this case, traffic noise barriers.

The ODOT Bridge Design Manual (Section 805.1) states that the minimum accepted STC for a reflective noise barrier is 30. The minimum accepted NRC for a reflective noise barrier is 0.70. The thickness of the panel material plays a large part in the noise reduction qualities of that material. Typical concrete noise barriers are generally 4.0 to 6.0 inches and have a STC of 45,



the highest of the reflective noise barrier materials. Consequently, the thicker the vinyl panel the better the NRC and STC rating for that material. The thickness of the vinyl material in the Vinyl Fence Wholesaler Simulated Stone product is 2.0 inches, and the Weatherables Augusta product as well as the Veka Tahoe II product is 0.875 inch. Tests conducted by the manufacturer show that the Simulated Stone Privacy Fence has an STC of 26, which is substantial as a sound attenuator but does not meet the minimum accepted requirement of STC 30 as listed in the ODOT Bridge Design Manual. The STCs for the Augusta and Tahoe II materials are unknown.

Design Requirements

Material design requirements are defined in Section 805.3 of the Bridge Design Manual. Materials must document the following:

- The physical and mechanical properties used for structural design
- Any long-term decrease in physical and/or mechanical properties due to fatigue, creep, bond deterioration, etc.
- Material durability to environmental variables including UV, temperature, moisture, freeze-thaw, fire, salt, petroleum, pH, etc.
- The material's performance to temperature changes expected under service conditions
- The durability of any applied coatings used to protect the material from environmental deterioration

None of the materials currently provide sufficient documentation to meet this requirement.

Literature Summary

Noise walls have been made of a number of different materials, such as concrete, fiberglass, steel, and earthen mounds. While concrete is the most commonly-used material, a potential cost-effective alternative is vinyl. Vinyl materials are made with polyvinyl chloride (PVC) and polyethylene (PE) as the main components, and they can be sourced from a variety of manufacturers and retail distributors.

This chapter summarized existing research on vinyl materials and details on existing vinyl fences and noise walls that have been constructed within and outside of Ohio. In addition, manufacturer specifications on the vinyl materials were inventoried and evaluated in comparison with the corresponding sections in ODOT's Bridge Design Manual. On analyzing the collected literature, vinyl materials have the following advantages over traditional concrete noise walls:

1. Vinyl materials tend to be cheaper overall, with easier construction, lower maintenance costs, and cheaper raw materials.
2. Vinyl materials are less dense than concrete, which makes them lighter in weight and the construction process easier.
3. Construction is a quicker and simpler process. Vinyl materials can be manufactured off-site, shipped in large quantities, and then installed on site with less equipment.
4. Vinyl materials are less likely to warp or crack, reducing overall maintenance costs.
5. Vinyl materials are resistant to graffiti and able to be cleaned with minimal effort.
6. Vinyl materials are considered to be 'green' materials by Illinois DOT because the materials are easily recyclable.

The literature showed that vinyl noise walls are less effective at mitigating noise than concrete noise walls and are rated lower by state DOT staff for durability and aesthetics.

CHAPTER 3

Acoustic Field Testing



Acoustic Field Testing Overview

This chapter begins with the test sites identified, evaluated, and selected, along with additional noise reading locations. Next, this chapter includes a summary of the vinyl noise wall construction process and results. Lastly, the chapter discusses the process and results of the noise readings taken at all of the sites.

Ohio Test Site Selection

Potential Noise Wall Locations

The site selection process for the construction of a vinyl noise wall began with 16 potential candidate sites around Ohio. Site details are included in **Figure 3.1**, and locations are shown in **Figure 3.2**.

Figure 3.1: Details of Potential Sites for Vinyl Noise Wall Construction

#	Site Description	Site Location	ODOT District	County
1	Residential Area	2033 Austin Rd (Miami Township)	8	Clermont
2	Jeffers Park	I-75, north of E National Rd (Vandalia)	7	Montgomery
3	Ora Everett Park	I-75, south of Kreitzer Rd (Moraine)	7	Montgomery
4	Maple Grove Cemetery	W Main Cross St, east of I-75 (Findlay)	1	Hancock
5	Miracle Park	I-75, south of CR-99 & north of W Bigelow Ave (Findlay)	1	Hancock
6	Union Grove Cemetery	Cemetery Rd, along US-33 (Canal Winchester)	6	Franklin
7	Winchester Veterinary Clinic	Cemetery Rd, along US-33 (Canal Winchester)	6	Franklin
8	Commercial Area	Alum Creek Dr/E Howard Rd, north of I-270 (Obetz)	6	Franklin
9	Ohio History Center	I-71 SB, along northern parking lot/History St (Columbus)	6	Franklin
10	ODOT Property	Hoke Rd & I-70 EB (Englewood)	7	Montgomery
11	ODOT Property	I-75 SB, north of E 4th St (Lima)	1	Allen
12	Commercial Property	I-71 SB, south of SR-665 & parallel to Seeds Rd (Grove City)	6	Franklin
13	Commercial/Industrial Area	W Main St WB, between Urbana-West Jefferson Rd & Old SR-29 (West Jefferson)	6	Madison
14	St. Josephs Cemetery	S High St, north of Rowe Rd (Lockbourne)	6	Franklin
15	Empty Plot	Near US-33 & Adelsberger Rd intersection (Millcreek Township)	6	Union
16	Botkins Community Park	I-75, north of Botkins Rd (Botkins)	7	Shelby

Figure 3.2: Locations of Potential Sites for Vinyl Noise Wall Construction



Site Evaluation Criteria

The 16 sites were evaluated for construction feasibility. In order to optimize the results of the research, variables that could affect the noise levels and/or mitigation effectiveness of the vinyl noise walls were identified and minimized, including:

- **Topographic variation:** a site that had little to no variation in elevation.
- **Above-ground obstructions:** a site that did not have structures, dense foliage, mounds, overhead utilities, or median barriers that could affect or be affected by the noise wall.
- **Below-ground obstructions:** a site that did not have underground utilities or drainage that could be impacted by the noise wall construction activities.
- **Geometric curvature:** a site where the main roadway had little to no horizontal or vertical curvature.
- **Roadway type:** a site located near a limited-access highway with little to no traffic noise from other roadways.



- **Available right-of-way:** a site with a minimum perpendicular depth of 200 feet from the roadway right-of-way fence for field work.
- **Property access:** ease of access to property and property owner concurrence for construction and field work.

Initial Desktop Site Evaluation

To begin the process of selecting ideal sites for construction of a vinyl noise wall, an initial desktop site evaluation using aerial mapping was performed. From that initial evaluation, a shortlist of sites that appeared to meet the site evaluation criteria was developed. The purpose of conducting a desktop evaluation was to save time and budget by reducing the number of sites that needed to be visited in-person. Discussions with ODOT and property owners also occurred when needed.

Site 1: 2033 Austin Road, Miami Township

This site is located at the intersection of Austin Road and Washington Church Road in Miami Township in a predominantly residential area. Notable site features of the location include:

- Curb cuts built 300 feet west of Washington Church Road and 175 feet east of Washington Church Road which is an indication of future development.
- Only a 250 feet wall could be built at empty lot just west of Washington Church Road.
- Good site for concrete noise wall field work between Miami Village Drive and Rockcastle Court.
- Flat site, but field work would have to take place on private property. Owner permission would be needed.

Site 2: Jeffers Park, Vandalia

This site is located north of East National Road along I-75 at the end of Halcyon Avenue in Vandalia. Notable site features of the location include:

- Flat site, plenty of depth for field work.
- Users of playground area might enjoy the privacy and noise barrier.
- Immediately across from concrete noise wall.
- Not on a curve.
- Government-owned property.
- Presence of underground drainage culverts.

Site 3: Ora Everett Park, Moraine

This site is located along I-75, south of Kreitzer Road in Moraine. Notable site features of the location include:

- Users of community center might enjoy the privacy and noise barrier.
- Fairly flat site with plenty of depth for field work.
- Concrete noise wall is just south of park.
- Field work would be close to active ball fields. Scheduling around active fields might be necessary.
- Concrete median opposite the site may affect noise readings.
- Curved road.



Site 4: Maple Grove Cemetery, Findlay

This cemetery site is located at the intersection of I-75 and West Main Cross Street in Findlay. The proposed wall would be built along I-75, on the west side of the cemetery. Notable site features of the location include:

- Fairly flat site but incorporates a portion of on-ramp traffic from West Main Cross Street (CR-12) to I-75 NB.
- Field work would be located on cemetery property. Property owner permission could be a challenge.
- Neighborhood noise during field work would be minimal.
- No nearby concrete noise wall.

Site 5: Miracle Park, Findlay

This site is located along I-75, south of CR-99 and north of West Bigelow Avenue in Findlay. Notable site features of the location include:

- Flat site with plenty of depth for field work.
- Residents to the south of the site along I-75 have no noise barrier.
- Field work would be quite a distance from active ball fields.
- Not feasible to maintain space between new and existing wall.

Site 6: Union Grove Cemetery, Canal Winchester

This cemetery site is located at the intersection of Cemetery Road and Winchester Pike along US-33 WB in Canal Winchester. Construction of the wall will possibly be on the northwest side of the site (Field of Honor Cemetery). Notable site features of the location include:

- Very flat site.
- Little chance for community noise during field work.
- Would need City and private property owner concurrence for field work and construction.
- Nearest concrete noise wall is located north of Ebright Road.

Site 7: Winchester Veterinary Clinic, Canal Winchester

This site is located at the intersection of West Waterloo Street and Old Winchester Pike along US-33 EB in Canal Winchester. Construction of the wall would be along US-33 EB. Notable site features of the location include:

- Very flat site that has plenty of depth for field work and easy access.
- Property owner concurrence needed from Taylor and Sons Equipment Company.
- Existing concrete noise wall 2.87 miles away.
- Vet clinic/commercial property would be visually shielded from driving public.

Site 8: Alum Creek Drive, Obetz

This site is located along Alum Creek Drive just north of I-270 in Obetz. Construction of the wall is proposed to be between Alum Creek Drive and East Howard Road where fast-food restaurants are located. Notable site features of the location include:

- Flat site that would accommodate a 400 feet noise wall.
- Plenty of depth for field work.
- Located next to an interchange.
- Possible push back from fast food restaurants due to partial visual shielding.
- Field work could be negatively affected by restaurant traffic noise.



Site 9: Ohio History Center (OHC), Columbus

This site is located in Columbus along I-71 SB just north of East 17th Avenue. Construction of the wall was proposed to be along I-71 and History Street, covering the northern parking lot of the grounds. Notable site features of the location include:

- Flat site with easy access and plenty of depth for field work.
- Property is state-owned.
- OHC sign cannot be blocked or encroached upon.
- Concrete noise wall directly across from site along I-71 NB. Concrete noise barrier field work could be done without property owner notification on intersecting side street.

Site 10: Hoke Road, Englewood

This site is located in Englewood along Hoke Road at the interchange with I-70. Notable site features of the location include:

- I-70 at a slightly higher elevation than bottom of right-of-way fence.
- Extremely easy access, plenty of depth for field work.
- ODOT-owned property.
- With ditch challenges, construction from inside right-of-way fence might be desired.
- No existing concrete noise wall nearby.

Site 11: ODOT Property along I-75 SB, Lima

This ODOT property is located in Lima I-75SB just north of E. 4th Street. Notable site features of the location include:

- Flat site with easy access and plenty of depth for field work.
- ODOT-owned property.
- Concrete noise wall along I-75 is just one mile away, located north of CR-309.

Site 12: I-71 SB (parallel to Seeds Road), Grove City

This site is located in Grove City along I-71 just north of SR-665/London Groveport Road. Notable site features of the location include:

- Easy access from ODOT property.
- Vinyl noise wall would have to extend north of the ODOT property line.
- Would disturb right-of-way fence. Temporary removal for construction.
- Elevation of right-of-way in relation to the roadway.

Site 13: West Main Street, West Jefferson

This site is located in West Jefferson along West Main Street WB, between Urbana-West Jefferson Road and Old SR-29. Notable site features of the location include:

- Property may be county or township-owned.
- Plenty of depth for field work with easy access.
- Traffic noise is from a less-traveled state route (different roadway type).
- Possible industrial noise from Jefferson Industrial Corporation.

Site 14: St. Josephs Cemetery, Lockbourne

This site is located in Lockbourne along South High Street, just North of Rowe Road. Notable site features of the location include:



- Easy access and plenty of depth for field work.
- No right-of-way fence to the north.
- Short post and single wire right-of-way fence to the south offering little protection for the vinyl noise wall.
- Little community noise expected during field work.
- No existing nearby concrete noise wall.

Site 15: US-33 and Adelsberger Road, Millcreek Township

This site is located in Millcreek Township near the intersection of US-33 and Adelsberger Road. Notable acoustic features of the location include:

- Easy access from Adelsberger Road to site.
- Might be blocked by thick brush.
- Tower stations have unknown challenges if construction occurs near them.
- No existing concrete noise wall nearby.

Site 16: Botkins Community Park, Botkins

This site is located in Botkins along 1-75 just north of Botkins Road. Notable site features of the location include:

- Slight grade change and has good access for equipment.
- More than enough room for a 400-foot noise wall, and it would acoustically and visually protect the practice soccer field.
- It is a good site and close to the selected Lima site but nearest existing noise wall is 22 miles away.

Shortlisted Site Visits & Site Selection

From the initial review, five suitable sites were selected (see Figure 3.3). Site visits were conducted at these locations, and the results of the field visits were documented.

Figure 3.3: Shortlisted Sites for Vinyl Noise Wall Construction

#	Site Description	Site Location	ODOT District	County
2	Jeffers Park	I-75, north of E National Rd (Vandalia)	7	Montgomery
3	Ora Everett Park	I-75, south of Kreitzer Rd (Moraine)	7	Montgomery
6	Union Grove Cemetery	Cemetery Rd, along US-33 (Canal Winchester)	6	Franklin
9	Ohio History Center	I-71 SB, along northern parking lot/History St (Columbus)	6	Franklin
11	ODOT Property	I-75 SB, north of E 4th St (Lima)	1	Allen

Site 2: Jeffers Park, Vandalia

The research team visited the site to assess the site features in more detail (Figure 3.4). Upon further analysis during the site visit as well as through discussions with ODOT District 7 and the City of Vandalia, culverts on the north and south side of the park were identified as well as the presence of manholes and trees. Furthermore, the City did not grant permission to construct a noise wall since they felt that a 400-foot-long noise wall was not long enough to cover the full length of the park. They would be more agreeable if the plans were to extend the wall in the future. Due to these challenges, the site was no longer considered for a vinyl noise wall.

Figure 3.4: Jeffers Park in Vandalia, Ohio



Site 3: Ora Everett Park, Moraine

The research team visited the site to assess the site features in more detail (Figure 3.5). Several issues were identified in the field, such as the presence of culverts, manholes, and a concrete median opposite to the proposed wall location that could affect wall construction and noise measurements. Due to these challenges, the site was no longer considered for a vinyl noise wall.

Figure 3.5: Ora Everett Park in Moraine, Ohio



Site 6: Union Grove Cemetery, Canal Winchester

The research team visited the site to further study the site features (Figure 3.6). There was a small elevation difference from US-33 to the right-of-way fence, and Winchester Pike (parallel to US-33) is flanked by two ditches approximately three feet deep. There were no utility concerns or drainage features within 452 feet from the southeast property line. At that point, there were culverts to the northwest. The most suitable location at the site for construction was the flat northwest side and with enough space for field work access. The property owner was in favor of the project; ODOT District 6 was also in agreement. The existing right-of-way fence would need to be replaced using research funds by an external contractor who would require a permit to work on public property. Alternatively, the vinyl fence noise wall could be built on the cemetery side of the right-of-way fence where there is little to no gap between fences.

The City of Canal Winchester brought up maintenance as a concern. The owner of the cemetery was willing to be responsible for the long-term maintenance of the vinyl noise wall. In order to move forward, consent legislation from City of Canal Winchester was required along with an MOU between ODOT, the City, and the property owner. These requirements would delay the project by several months. After discussion with ODOT Legal Counsel, it was decided to not continue with this site due to these challenges.

Figure 3.6: Union Grove Cemetery in Canal Winchester, Ohio



Site 9: Ohio History Center along I-71, Columbus

At first, the Ohio History Center site was the most preferred site for wall construction, after the Lima site. The research team visited the site to assess feasibility and document existing conditions (Figure 3.7). It was observed that the area was feasible for the noise wall; however, the issue of digging post holes next to trees was a concern. The top of the sign would not be blocked but the six sign panels below the sign would be obstructed. OHC was also interested in having a logo or some lettering engraved into the wall, for which they agreed to fund, but after consideration with their leadership team, they decided that they did not want the noise wall installed at this location. Due to these challenges, the site was no longer considered for a vinyl noise wall.

Figure 3.7: Ohio History Center in Columbus, Ohio



Site 11: ODOT Property along I-75 SB, Lima

This site at Lima was an ideal site for the construction of a vinyl noise wall. The site is an ODOT-owned property and relatively flat, with plenty of depth for field work (Figure 3.8). In addition, there is an existing concrete barrier north of the site. Site visits were made by the research team to further verify the suitability of this site. The only concerns that were raised were by ODOT District 1 regarding maintenance in the space between the noise wall and the right-of-way fence. It was decided to provide sufficient space between the noise wall and the fence to facilitate cleaning and maintenance. In addition, a utility search was performed by Ohio Utility Protection Service (OUPS), and no utilities were identified in the vinyl noise wall construction area. After careful consideration, site visits, and discussions with ODOT Central Office and District personnel, it was decided that a vinyl noise wall would be constructed at this site.

Figure 3.8: ODOT Property in Lima, Ohio



Source: Burton Planning Services

Additional Noise Reading Locations

Existing Vinyl Fence & Noise Wall Locations

Because only one site was selected for construction of a vinyl noise wall, additional data was needed to explore the acoustic effectiveness of different vinyl noise walls. As a result, the project budget was reallocated from construction of a second vinyl noise wall to the collection of additional field readings at existing vinyl fences and noise walls. Vinyl materials are not common, so sites were considered both within and outside of Ohio. Figure 3.9 shows the details of the sites that were considered, and Figure 2.4 shows the locations of these sites.

Figure 3.9: Additional Potential Locations for Noise Readings

#	Site Description	Site Location	ODOT District	County
1	Gables of Green senior housing	I-77 SB, north of Graybill Road (Green, Ohio)	4	Summit
2	Residential area	Eola Road (Aurora, Illinois)	N/A	N/A
3	Residential area	I-64 NB, along Rosedale Avenue, opposite Richmond Technical Center (Richmond, Virginia)	N/A	N/A
4	Ford Dearborn Development Center	Surrounding the facility - Southfield Freeway/M-39, Rotunda Drive, Oakwood Boulevard, and Village Road (Dearborn, Michigan)	N/A	N/A



Existing Vinyl Fence & Noise Wall Preliminary Evaluations

Site 1: Eola Road, Aurora, Illinois

Existing vinyl noise walls are located in a residential area along Eola Road in Aurora, Illinois. Notable site features of the location include:

- Vinyl noise wall material is Simulated Stone Privacy Fence, manufactured and supplied by Vinyl Fence Wholesaler.
- Constructed in a residential neighborhood along an arterial street.
- Property owner permissions will be required.
- Walls of different heights installed in the area.

Site 2: I-64 NB/Rosedale Avenue, Richmond, Virginia

This existing vinyl privacy fence is located in Richmond, Virginia in a residential neighborhood adjacent to I-64 NB/Rosedale Avenue. Notable site features of the location include:

- Vinyl privacy fence material is Simulated Stone Privacy Fence, manufactured and supplied by Vinyl Fence Wholesaler.
- Good access for field work within the public right-of-way. Property owner permissions will not be required.
- Existing concrete noise wall located just south of the site.
- Vinyl privacy fence is 12 feet high.

Site 3: Ford Dearborn Development Center, Dearborn, Michigan

This site is located in Dearborn, Michigan surrounding the facility on all sides, along Southfield Freeway/M-39, Rotunda Drive, Oakwood Boulevard, and Village Road. Notable site features of the location include:

- Vinyl noise wall material is Simulated Stone Privacy Fence, manufactured and supplied by Vinyl Fence Wholesaler.
- Mounding observed between the wall and the roadway. The mounding was expected to have an effect on noise readings.
- A concrete median barrier is located in the highway.
- Private property owned by Ford. Receiving owner permissions would be challenging.

Site 4: Gables of Green, Green, Ohio

This site is a retirement facility located along I-77 southbound, just north of Graybill Road. Notable site features of the location include:

- Vinyl fence material is Tahoe II vinyl material and supplied by Veka Outdoor Living Products.
- The wall is on the private property of a senior living center. Property owner permissions will be required.
- Not enough depth for full 200-foot testing between the vinyl fence and the residential building.
- Average site with no nearby existing concrete noise wall.
- Adjacent empty plot suitable for “no wall” scenario testing.



Existing Vinyl Fence & Noise Wall Shortlisted Locations

Site 1: Eola Road, Aurora, Illinois

Initially, testing the vinyl noise walls along Eola Road in Aurora, Illinois was the preferred option. Illinois Department of Transportation (IDOT) was contacted for permissions to test the wall. IDOT was on board, and suggested we also get permissions from the City of Aurora. While the City of Aurora granted permission for testing, they were not comfortable with sending letters to property owners with the City letterhead as the research was not being performed on behalf of the City. They suggested that the letters be sent by ODOT with ODOT letterhead.

The site was initially selected for testing, but while preparing the property owner notification letters, an issue with using ODOT letterhead and referencing the Ohio Revised Code for field work to be conducted in Illinois was highlighted. ODOT legal counsel confirmed that Ohio laws cannot be used for accessing private property in another state. They stated that the research team would have to send the letters and take all responsibility for any claims arising from the study. Hence, it was decided to not perform field work at the Illinois site for the purpose of this project and explore other options.

Site 2: I-64 NB/Rosedale Avenue, Richmond, Virginia

The wall in Richmond, Virginia was of interest for this research. No prior site visits were made to Richmond; however, Virginia Department of Transportation (VDOT) was contacted for permission to conduct noise measurements on the vinyl privacy fence. VDOT gave permission for the testing. This site was therefore selected for testing.

Site 4: Gables of Green, Green, Ohio

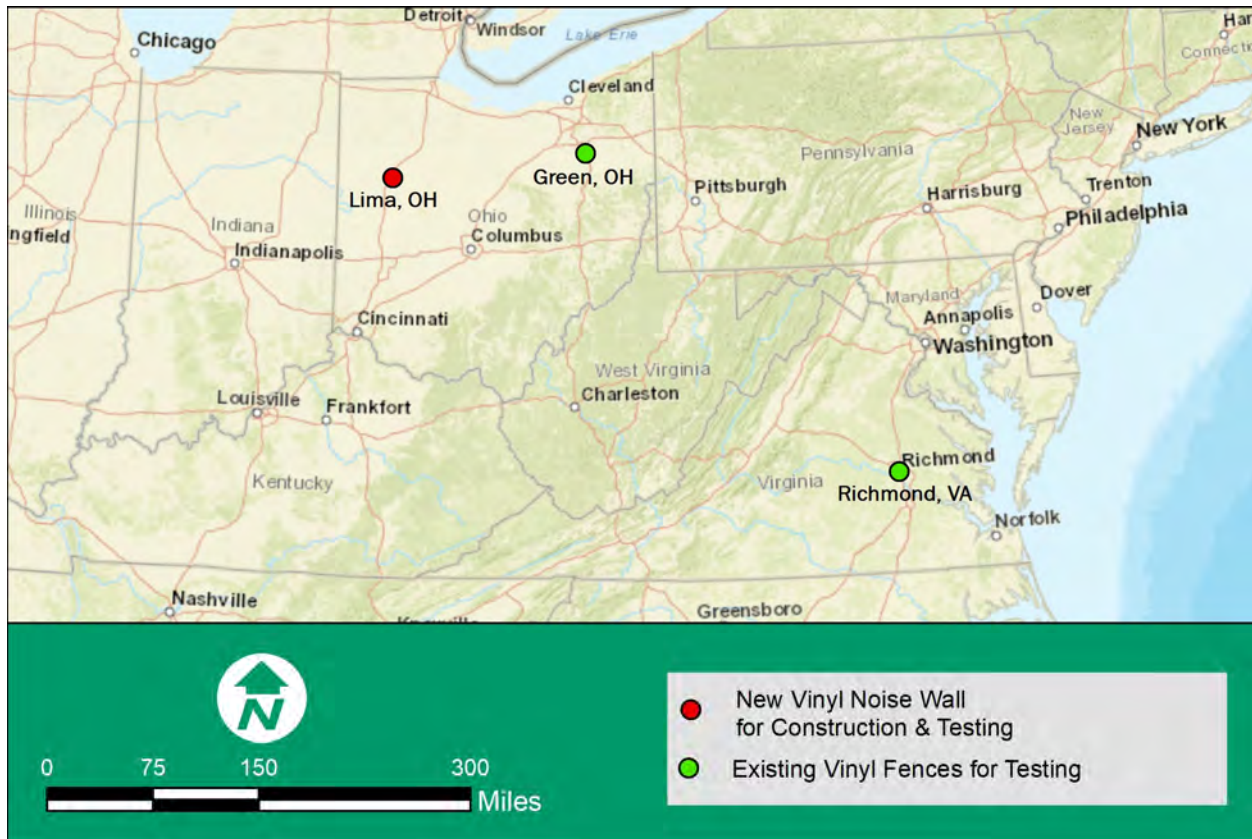
This site is located along I-77 southbound, just north of Graybill Road. The site was suggested by ODOT for the study to build on previous noise readings conducted by ODOT in March 2020. This site was therefore selected for testing.

Final Site Selections

A final three locations were selected for detailed study, including one site for construction and testing of a new vinyl noise wall and two sites for testing of existing vinyl fences (see Figure 3.10):

- **Lima, Ohio Construction & Testing:** the ODOT property along I-75 SB in Lima, Ohio was selected for construction of a new vinyl noise wall, acoustic field testing, and analysis.
- **Richmond, Virginia Testing:** the vinyl privacy fence at I-64 NB/Rosedale Avenue in Richmond, Virginia was selected acoustic field testing test and analysis.
- **Green, Ohio Testing:** the vinyl fence at the Gables of Green property along I-77 in Green, Ohio was selected acoustic field testing test and analysis.

Figure 3.10: Locations of Sites Selected for Detailed Study



Lima Vinyl Noise Wall Construction

Vinyl Material Specifications & Selection

For this project, three vinyl fence noise wall materials were evaluated:

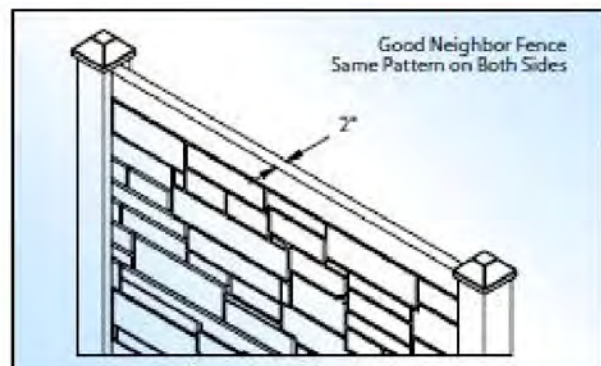
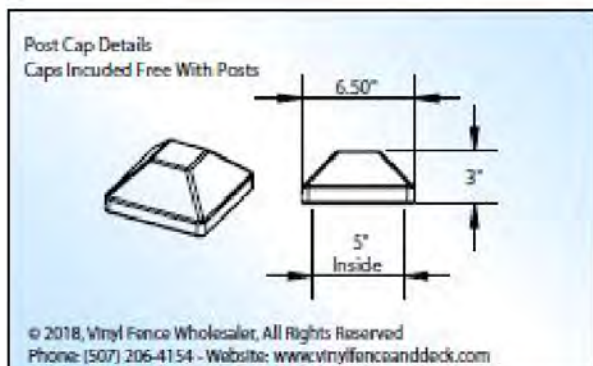
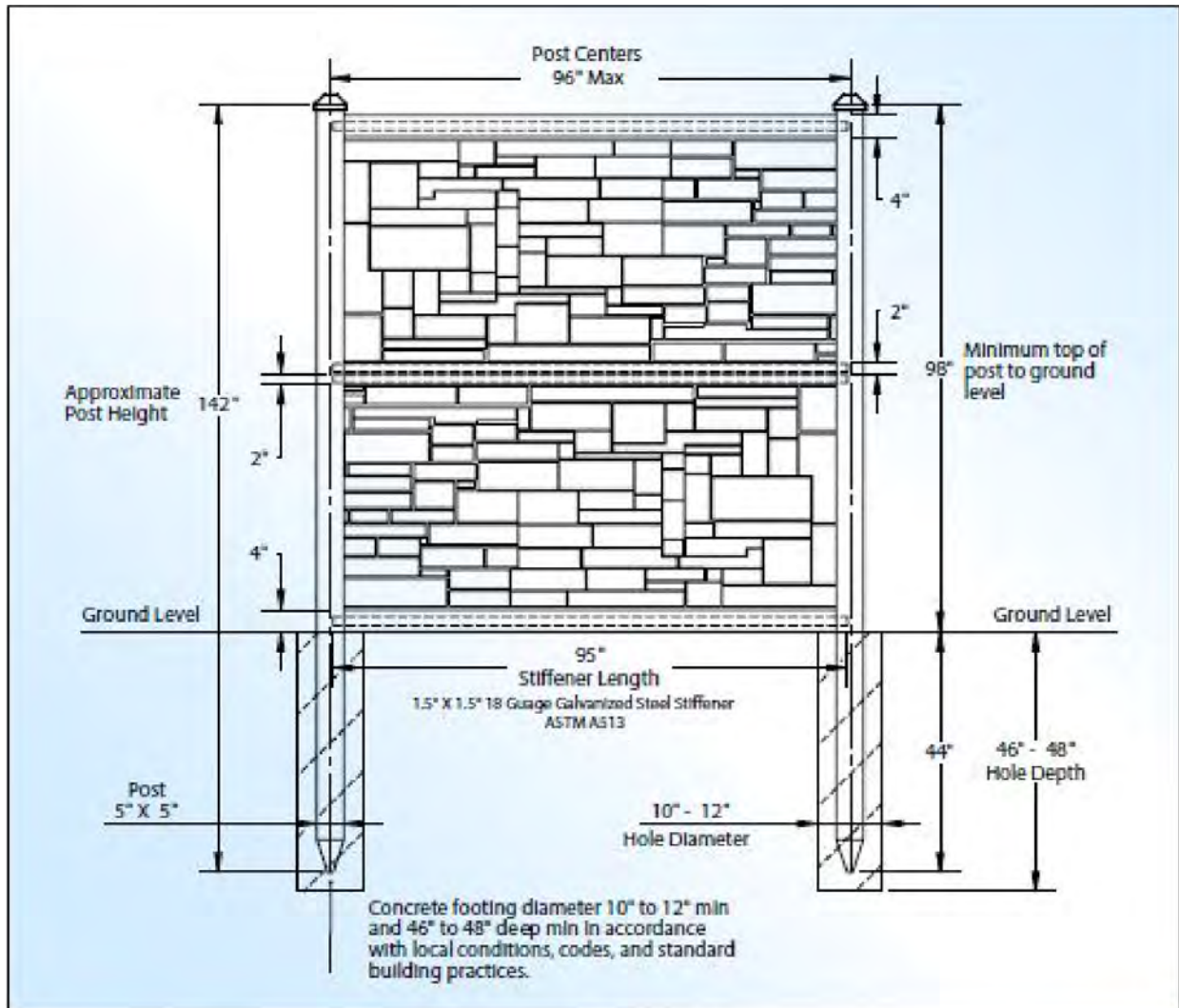
1. Simulated Stone Privacy Fence, manufactured and supplied by Vinyl Fence Wholesaler
2. Augusta Privacy Fence, manufactured by Weatherables and supplied by Home Depot
3. Tahoe II PVC Privacy Fence, manufactured and supplied by Veka Outdoor Living Products

Simulated Stone Privacy Fence

Figure 3.11 shows the main technical specifications for this material. Additional information on this material is available in **Appendix B**. This wall is installed in various locations studied as a part of this research project including Richmond, Virginia; Aurora, Illinois; Dearborn, Michigan; Kettering, Ohio; and Bexley, Ohio. This material was selected for this research project and was used for the new vinyl noise wall construction in Lima, Ohio. Here is a summary of the main details for this material:

- Costs less than traditional precast concrete sound walls.
- Available in six, eight, nine, 12, or 16-foot-high panels.
- Five color options: brown, grey, beige, dark brown, black.
- Can be pre-built and shipped.
- Resistant to graffiti, which can be removed with a power washer.
- Resistant to warping, fading, and cracking, which lowers maintenance costs.
- The Simtek eight-foot-high simulated rock wall privacy fence has an STC of 26.

Figure 3.11: Simulated Stone Privacy Fence Technical Specifications

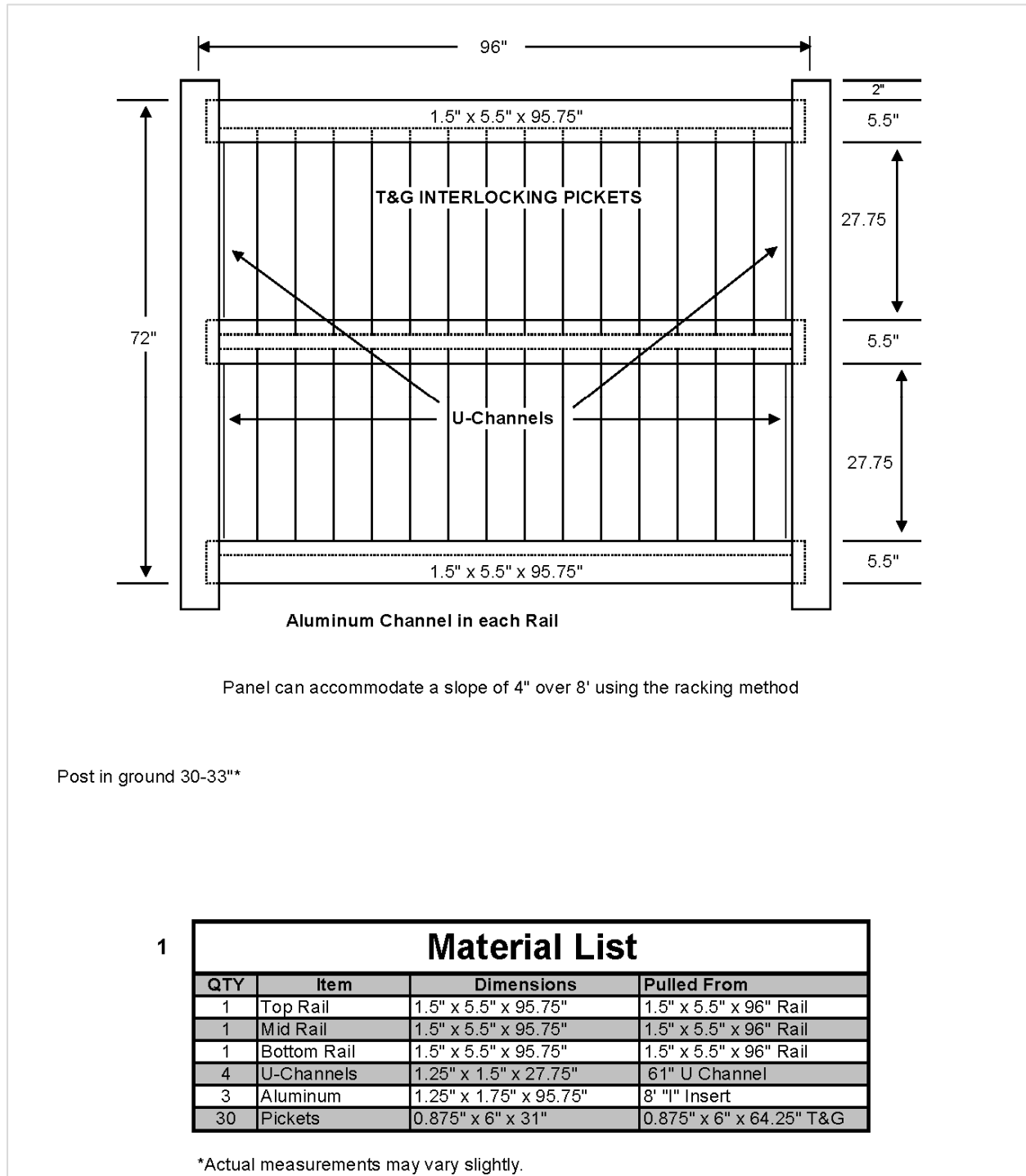


Source: Vinyl Fence Wholesaler

Augusta PWPR-3R-8X6

The second vinyl noise wall material considered for this project was the Augusta material, manufactured by Weatherables and supplied by Home Depot. Figure 3.12 shows the main technical specifications for this material. Additional information on this material is available in Appendix B. Because a second vinyl noise wall was not constructed for this project, this vinyl material was not used.

Figure 3.12: Augusta PWPR-3R-8X6 Material Technical Specifications



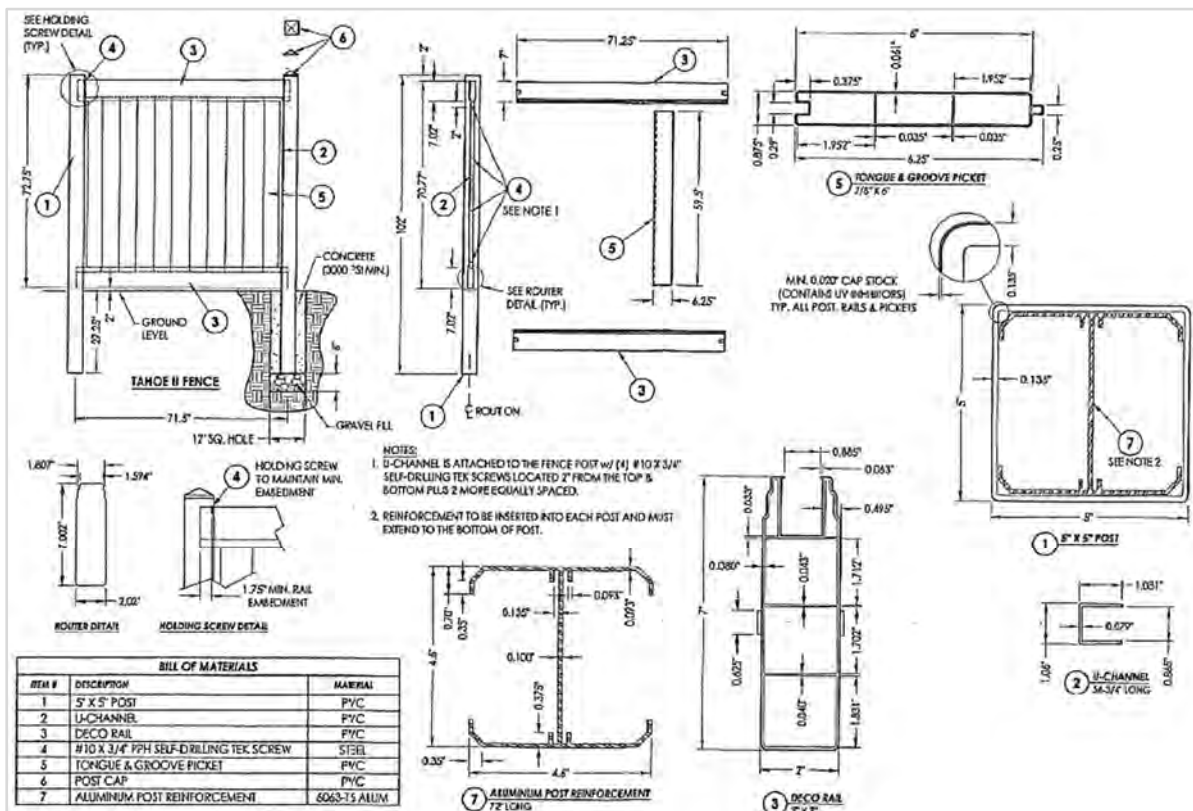
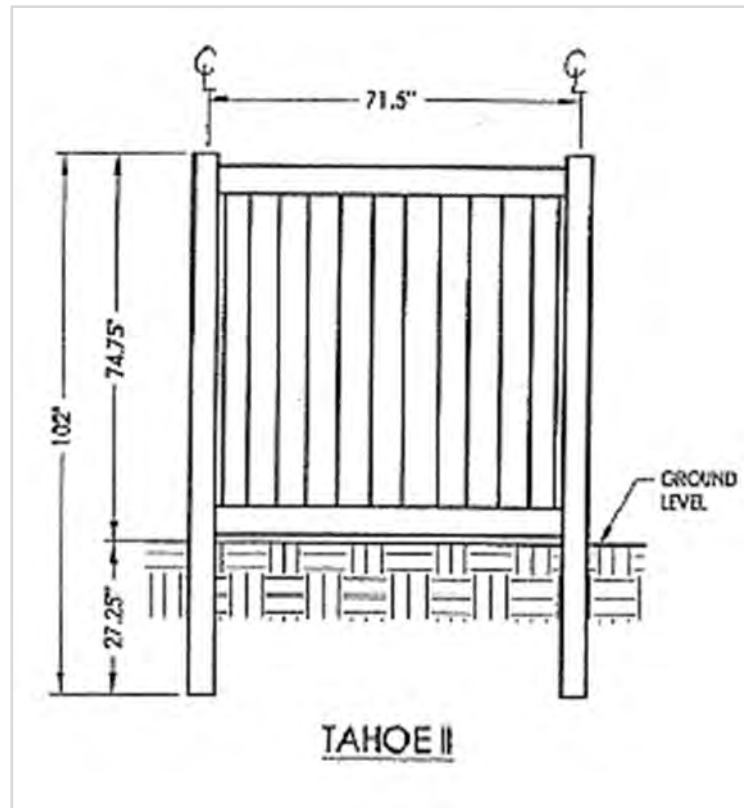
Source: Weatherables

Tahoe II PVC Privacy Fence

The third vinyl material considered for this project was the Tahoe II Privacy Fence, manufactured and supplied by Veka Outdoor Living Products. It is available in three-, four-, five-, or six-foot heights. Figure 3.13 illustrates the design specifications of the Tahoe II Privacy Fence. (See Appendix B for additional information.) This vinyl material is installed in the Gables of Green site in Green, Ohio. The main details for the Tahoe II PVC material include:

- Reviewed and accepted for use in construction projects in Miami-Dade County.
- Costs less than traditional precast concrete sound walls
- Available in three, four, five, and six-foot-high panels.
- Four color options: white, almond, khaki, and stone.
- Resistant to heat.
- Color retention properties.

Figure 3.13: Simulated Stone Privacy Fence Technical Specifications



Source: Miami-Dade County, Florida



Construction Process and Evaluation

The Simulated Stone vinyl materials selected for this project arrived on the project site the morning of July 6, 2021. The materials delivered from the manufacturer included:

- Individual four-foot-high by eight-foot-long vinyl panels
- 18-gauge galvanized steel stiffeners within the panels
- Wood block braces within the panels (suspected to be for reinforcement during transit).
- Fence posts approximately 11.83-feet tall
- Friction fit post caps
- Panel brackets attached to the feet of the fence posts

Appendix C includes the Simulated Stone Material Installation Instructions & Drawings, and **Appendix D** includes the construction photolog.

The contractor performing the installation work was OL'7 Construction & Remodeling LLC, who had a five-member crew with previous experience installing this fence. The contractor had a pallet of high-strength concrete mix on site to be used for the post bases, and a variety of hand tools including but not limited to: ladders, shovels, drills, levels, spud bars, buckets, tape measures, rubber mallets, and post-hole diggers. The contractor rented the following equipment: Bobcat skid steer, skid steer forks, and an auger.

To begin, the contractor placed a string line to identify the location and path of the wall. This path was agreed upon by the on-site team, including ODOT District 1 personnel who arrived later on site to confirm the wall placement was satisfactory.

After unloading the materials, the contractor removed the brackets from the feet of the posts. Then the first hole was dug out with the auger, and post hole diggers were used to remove soil spoils out of the holes. The contractor placed the post to a depth of 46 to 48 inches per the specifications. A measuring tape was used to confirm the depth. Once the post was placed in the hole, at least one crew member would maintain the vertical levelness of the post while the other members filled the hole with a mixture of water and four cubic feet of concrete mix. The water was added by use of buckets and manually mixed within the hole with a spud bar. The water quantity was based on visual observation by the foreman. Once all concrete and water had been mixed, the remainder of the hole was backfilled with soil spoils and compacted down with the spud bar.

After the first post was installed and vertically level, the steel stiffener was removed from the panel and placed within the web of the post. The stiffener was used as a reference instead of the full panel for ease of maneuverability. The stiffener was placed along the string line, and levelled horizontally to determine where the next post hole would be dug as well as where the placement of the panel bracket on the first post was needed. The post hole location was marked and the panel bracket was installed on the first post. The stiffener was set aside.

The second hole, marked in the previous step, was then dug. The stiffener was placed within the web of both the first and second posts while the second post hole was backfilled and compacted into place. The stiffener was held horizontally level in place to ensure a tight fit between the posts, and the posts were routinely checked for their vertical levelness. The stiffener was then placed on the bracket of the first post and levelled as close to the ground as possible to guide where the bracket would be placed on the second post. Once the bracket was installed, the stiffener was reinserted into its original panel. The panels were then manually slid into the webs of the posts from the top of the posts. Ten-foot ladders were used to manually



set the panels. Two panels were set between the first and second posts. The post cap was then installed on the first post by friction fit. This process repeated until all posts and panels were installed. The panel erection schedule for this contractor was as followed:

- Day 1 (7/6/2021): Approximately 6 hours of work, 16 spans installed
- Day 2 (7/7/2021): Approximately 6.5 hours of work, 13 spans installed
- Day 3 (7/8/2021): Approximately 3.5 hours of work, 10 spans installed
- Day 4 (7/9/2021): Approximately 6.5 hours of work, 11 spans installed

Techniques were learned along the way to improve the process. These techniques, as well as additional recommendations, are detailed in **Chapter 5: Recommendations and Conclusions**.

Noise Measurement Process & Results

Noise levels were measured at each site as listed in the Noise Measurement Plans as a part of this study. This section describes the measurement procedures that were followed, the measurement equipment used, and the noise reading results.

Noise Measurement Plans

A Noise Measurement Plan (NMP) provides acoustical testing methodology for field testing activities to be carried out on a project. The NMPs for this project were developed in accordance with the ODOT Noise Manual as well as FHWA's Noise Measurement Field Guide. FHWA's Noise Measurement Field Guide states that the purpose of noise measurements is to establish existing noise levels within a project study area to help determine the effectiveness of noise abatement measures. For this study, measurements of existing noise levels and of noise barrier insertion losses were recorded to determine the acoustic effectiveness of a vinyl fence used as a noise barrier. Insertion loss is the difference in the sound level at a receptor location with and without the presence of a noise barrier, assuming no change in the sound level of the source.

NMPs were prepared for all of the testing locations at the three sites selected for detailed study, including:

- Lima, Ohio, new vinyl noise wall, pre-construction (see **Figure 3.14**)
- Lima, Ohio, new vinyl noise wall, post-construction (see **Figure 3.15**)
- Lima, Ohio, existing concrete noise wall (see **Figure 3.16**)
- Lima, Ohio, no wall (see **Figure 3.17**)
- Richmond, Virginia, existing vinyl privacy fence (see **Figure 3.18**)
- Richmond, Virginia, existing concrete noise wall (see **Figure 3.19**)
- Green, Ohio, existing vinyl fence & no wall (see **Figure 3.20**)

The NMP location maps (**Figures 3.14-3.20**) are shown on the following pages; the NMPs are included in **Appendix E**.

Figure 3.14: Lima, Ohio New Vinyl Noise Wall Pre-Construction NMP Map



Figure 3.15: Lima, Ohio New Vinyl Noise Wall Post-Construction NMP Map



Figure 3.16: Lima, Ohio Existing Concrete Noise Wall NMP Map

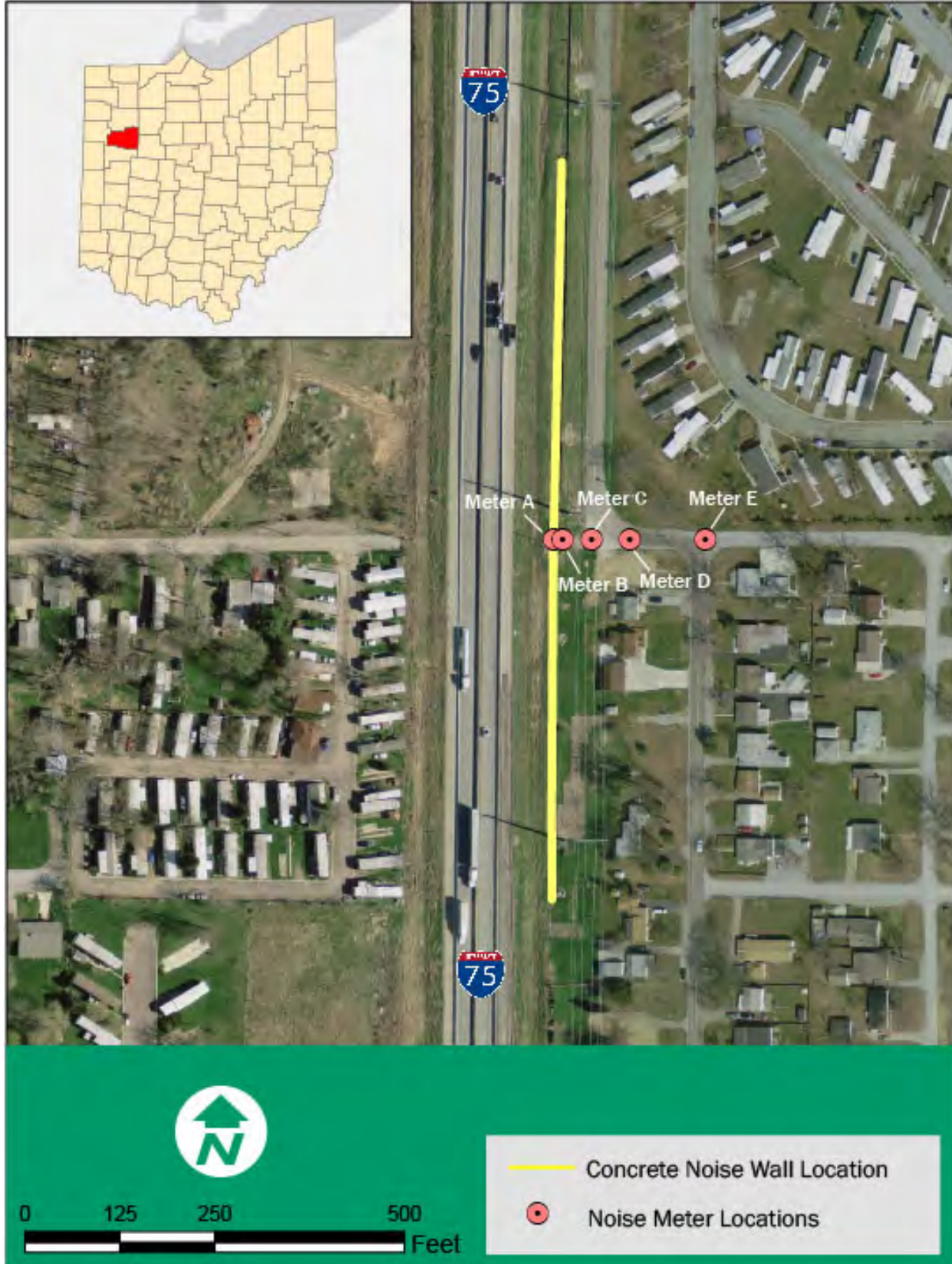


Figure 3.17: Lima, Ohio No Wall NMP Map



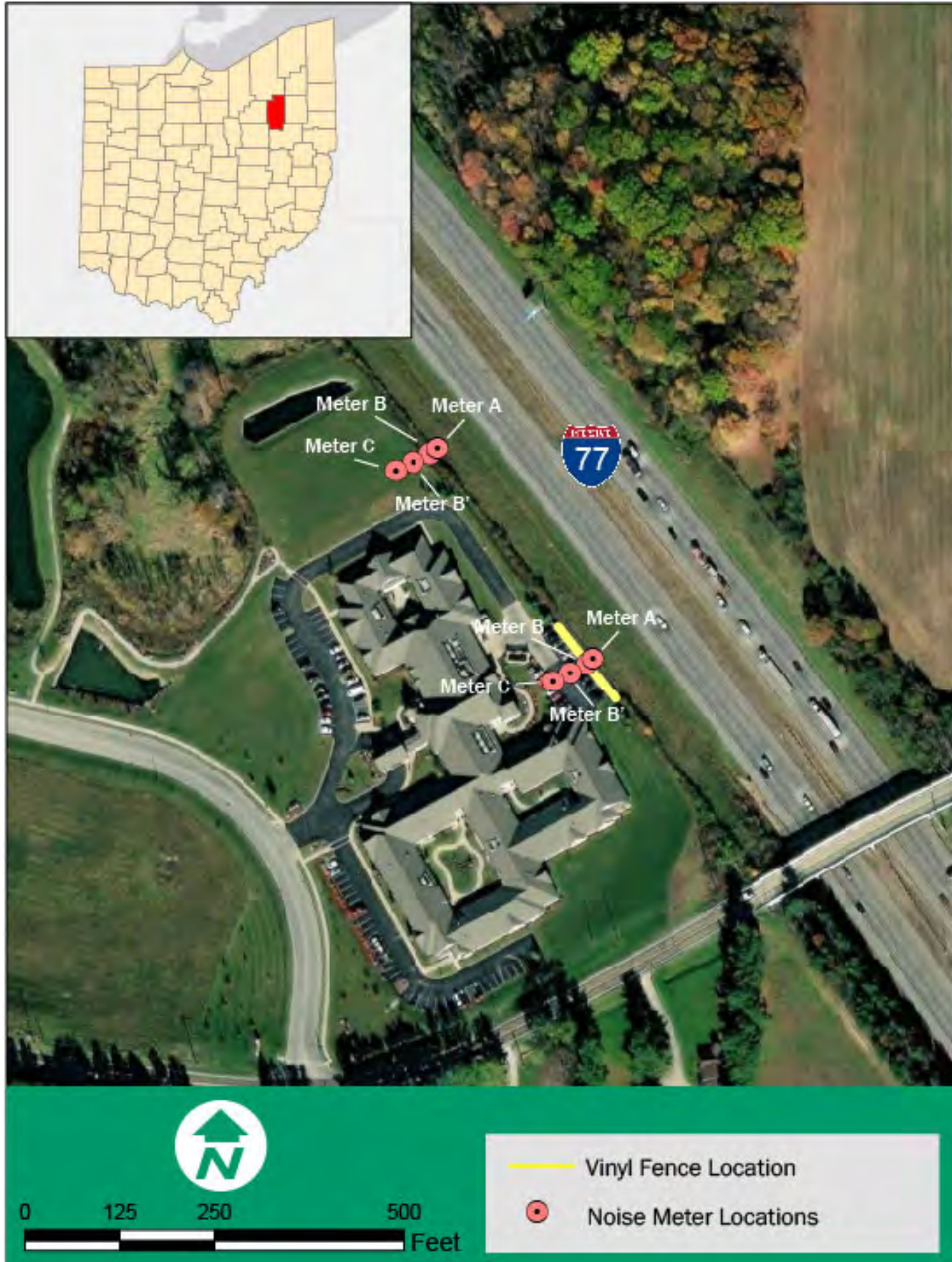
Figure 3.18: Richmond, Virginia Existing Vinyl Privacy Fence NMP Map



Figure 3.19: Richmond, Virginia Existing Concrete Noise Wall NMP Map



Figure 3.20: Green, Ohio Existing Vinyl Fence & No Wall NMP Map





Lima, Ohio Pre-Construction Field Work

The site chosen for the construction of the vinyl noise wall to be studied for this research is in the northeast quadrant of the I-75/East 4th Street interchange in Lima, Ohio. The 400-foot noise wall was located parallel to I-75. The noise meters were placed perpendicular to and west of the proposed noise wall location at its midpoint. Meter A was placed at the proposed vinyl noise wall location 13 feet above the ground so that it was five feet above the top of the expected vinyl noise wall height of eight feet. Meter B was placed five feet behind the vinyl noise wall, west of Meter A, on a tripod located five feet above the ground. Meter C was placed 50 feet west of Meter A at a height of five feet above the ground. Meter D was placed 100 feet west of Meter A at a height of five feet above the ground, and Meter E was placed 200 feet west of Meter A at a height of five feet above the ground. Noise measurements were also taken at a nearby site with an existing concrete noise wall located adjacent to and east of I-75 just north of SR-309. The same data collection procedure described above was followed with Meter A placed 5 feet above the top of existing concrete noise wall.

Lima, Ohio Post-Construction Field Work 1

Post-construction field readings were taken at the site of the newly-constructed vinyl noise wall following the field procedure described for the pre-construction readings with noise meters placed in the same locations. Efforts were made to take the field noise readings as close to the same time of day as that of the Lima pre-construction readings. Noise readings were again taken at the site of the existing concrete noise barrier parallel to I-75 just north of SR-309.

Lima, Ohio Post-Construction Field Work 2

A second round of post-construction field readings were taken at the newly-constructed vinyl noise wall site following the field procedure. Efforts were made to take the field noise readings as close to the same time of day as that of the Lima pre-construction readings. Noise readings were again taken at the site of the existing concrete noise barrier parallel to I-75 just north of SR-309. In addition, a 'no wall' site was identified for additional noise readings. A site without a wall was chosen along the I-75 corridor just north of the newly constructed vinyl noise wall site. The property was the Reinke Ford Dealership parcel, located at 1360 Greely Chapel Road on the east side of I-75 and directly across I-75 from the vinyl noise wall site. The same field procedure used for the original pre-construction condition was used at this site.

Green, Ohio Field Work

Noise readings were taken at a site near Green, Ohio adjacent to I-77 just north of Graybill Road. A seven-foot vinyl fence is constructed on the property of Gables of Green, an assisted living facility, located at 2045 Franks Parkway, Uniontown, Ohio. The vinyl fence primarily serves as a physical barrier to vehicle headlights from the parking lot shining toward I-77. The field procedure for this site was adjusted in terms of noise meter number (four were used instead of five) and noise meter distance due to the shorter vinyl barrier length (approximately 120 feet) and distance from the vinyl fence to the building (approximately 100 feet). Noise meter placement included: Meter A was placed at the midpoint of the vinyl fence at an elevation of five feet above the top of the vinyl fence, Meter B was placed five feet behind (west of) the vinyl fence at a height of five feet above the ground, Meter B' was placed 25 feet west of Meter A at a height of five feet above the ground, and Meter C was placed 50 feet west of Meter A at a height of five feet above the ground. An open space area just north of the Gables of Green building provided another opportunity to gather data on a property with no barrier to compare the "with" and "without" barrier scenarios. Noise meters were placed at the same distances as they were placed at the Gables of Green vinyl fence site.



Richmond, Virginia Field Work 1

A noise field study was performed at a site in Richmond, Virginia along I-64. The vinyl privacy fence constructed here is made of the same vinyl material as the vinyl noise wall built in Lima, Ohio. The site was location along I-64 NB at Elmsmere Avenue. The same field procedures were used as those used for the Lima, Ohio noise readings. In addition to the noise readings collected at the vinyl privacy fence site, noise readings were also collected at a nearby existing concrete noise barrier located approximately 0.75 miles to the south along I-64 at Loxley Avenue.

Richmond, Virginia Field Work 2

During the first round of noise measurements at the Richmond, Virginia vinyl privacy fence location, the presence of chorusing cicadas affected the accuracy of the morning noise readings. As a result, that data was found to be too contaminated to be used in the analysis. Therefore, additional data was collected at the same location following the same parameters as set by the original Richmond, Virginia NMP.

Property Owner Notifications

Phone calls and letters of notification were used where needed to notify property owners of the project and to seek permission for the research team to enter the properties and perform the noise readings. See **Appendix F** for documentation.

Measurement Equipment

A series of five sound level meters were used in the field to measure noise levels at each site. The type of equipment consisted of the Quest SoundPro SE/DL handheld units equipped with Model BK4936 microphones and tripods, all of which were supplied by Industrial Environmental Monitoring Instruments, Inc. Suggested equipment outlined in the FHWA Noise Measurement Handbook is used throughout the noise measurement phase of this research project. This equipment included a noise meter calibrator (Quest Model QC-10 with an output of 110 db) and windscreens for all microphones. Traffic volumes and speeds were monitored on the primary roadway during the noise measurements. Traffic volumes were counted manually using handheld mechanical traffic counting devices. In addition, data sheets, a clipboard, a camera, and a drone equipped with a video camera for aerial photography were used.

Measurement Procedures

Noise measurements were taken at each location in accordance with their respective NMP. Noise readings were taken during normal traffic flow hours on Tuesdays, Wednesdays, or Thursdays during non-holiday weeks. The meters were calibrated and configured to measure and L_{eq} noise levels. In definition, this category is the equivalent steady-state sound level which in a stated period of time contains the same acoustic energy as the time-varying sound level during the same period. The noise readings were collected for 15 minutes at all sites for at least three rounds in order to normalize the data. Noise meters were placed as follows:

- Meter A: placed five feet above the top of the wall or at an equivalent height (wall height plus five feet) in case of a no wall site.
- Meter B: placed five feet behind Meter A on a tripod located five feet above the ground.
- Meter B': (only Green, Ohio) placed 25 feet behind Meter A on a tripod located five feet above the ground.
- Meter C: placed 50 feet from Meter A on a tripod located five feet above the ground.
- Meter D: placed 100 feet from Meter A on a tripod located five feet above the ground.
- Meter E: placed 200 feet from Meter A on a tripod located five feet above the ground.



All of the noise meters were closely time-synchronized to each other and to the traffic count equipment. A photolog of the noise measurements was prepared, and the session reports from the noise measurements were downloaded. Noise reading and traffic count field sheets were used in the field to record details of the site, meter and other equipment used, meteorological conditions, traffic counts, noise measurement start time and duration, and the L_{eq} noise levels. Appendix G includes the acoustic testing photologs; Appendix H includes the field data sheets; and Appendix I includes the noise meter sessions reports.

Noise Reading Results

The noise measurement site details are included in Figure 3.21; the measured noise levels are shown in Figures 3.22, 3.23, and 3.24; and a summary of the traffic volumes, speeds, and meteorological data is shown in Figure 3.25. (The next chapter provides an analysis of this data.)

Noise Reading Site Characteristics

As shown in Figure 3.21, there were three main noise measurement sites - Lima, Ohio; Richmond, Virginia; and Green, Ohio. For Lima, Ohio, the research team collected noise readings at three different locations -an eight-foot-high vinyl noise wall at the ODOT property (both before and after construction), a nearby 15-foot-high concrete noise wall, and a nearby no-wall property at a Ford dealership. For Richmond, Virginia, the research team collected noise readings at two different locations - a 12-foot-high vinyl privacy fence at a residential area by Rosedale and Elmsmere avenues and a nearby 14-foot-high concrete noise wall at a residential area near Little John and Loxley roads. For Green, Ohio, the research team collected noise readings at two different locations - a seven-foot-high vinyl fence at the Gables of Green property and a nearby no-wall area in a vacant field.

Figure 3.21: Noise Measurement Site Characteristics

Site	Material / Location	Material Type	Location Description	Wall Height	Ground Type
Lima, OH	No Wall (ODOT Site Pre-Construction)	N/A	ODOT site along I-75	N/A	Mowed grass and loose soil
	Vinyl Noise Wall (ODOT Site Post-Construction)	Simulated Stone Vinyl	ODOT site along I-75	8 ft	Mowed grass and loose soil
	Concrete Noise Wall	Standard Concrete	E Elm St	15 ft	Mowed grass and asphalt strip
	No Wall (Ford Dealership)	N/A	Ford Dealership along I-75	N/A	Mowed grass and loose soil/gravel
Richmond, VA	Vinyl Privacy Fence	Simulated Stone Vinyl	Rosedale Ave/ Elmsmere Ave	12 ft	Mowed grass and asphalt
	Concrete Noise Wall	Standard Concrete	Little John Rd/Loxley Rd	14 ft	Mowed grass and asphalt
Green, OH	Vinyl Fence	Tahoe II Vinyl	Gables of Green	7 ft	Asphalt parking lot*
	No Wall	N/A	Adjacent to Gables of Green	N/A	Mowed and unmowed grass

* This parking lot is small compared to the volume of mowed grass in the vicinity.



Lima, Ohio Noise Reading Results

The noise reading results are summarized in Figure 3.22 below. All noise readings were collected in 15-minute intervals. (Figures 3.14 - 3.17 show the noise meter locations.)

Figure 3.22: Noise Measurements at Lima, Ohio

Material Type	Date	Start Time (military)	EOP to Meter A (feet)	Meter A L_{eq} (dBA)	Meter B L_{eq} (dBA)	Meter C L_{eq} (dBA)	Meter D L_{eq} (dBA)	Meter E L_{eq} (dBA)
No Wall (Pre-Construction)	6/15/21	10:24	79.5	77.2	72.8	68.7	67.5	61.7
	6/15/21	11:54	79.5	77.5	73.5	70.3	69.4	83.1 ^a
	6/15/21	14:01	79.5	77.0	72.9	69.9	69.1	91.5 ^a
	6/17/21	9:14	79.5	76.8	73.4	71.0	69.8	88.3 ^a
	6/17/21	11:07	79.5	76.9	71.9	68.8	67.7	76.7 ^a
	6/17/21	12:57	79.5	76.4	73.0	69.4	69.1	79.7 ^a
Vinyl Noise Wall (Post-Construction)	7/21/21	9:17	79.5	77.2	64.0	66.3 ^d	66.4	63.7
	7/22/21	9:40	79.5	77.2	63.8	65.4 ^d	66.3	61.1
	7/22/21	13:19	79.5	76.7	62.9	64.2 ^d	64.7	61.3
	9/29/21	9:20	79.5	77.0	63.9	65.9	66.1	63.5
	9/29/21	13:18	79.5	77.3	63.3	65.0	65.5	62.6
Concrete Noise Wall	7/21/21	10:23	53.5	82.1	63.8	64.9 ^d	66.2	64.2
	7/22/21	10:26	53.5	81.3	62.4	63.2 ^d	63.1	60.5
	7/22/21	14:00	53.5	81.3	62.5	64.0 ^d	63.8 ^b	63.1 ^b
	9/29/21	11:24	53.5	81.5	64.5	64.1	63.7	60.2
	9/29/21	14:46	53.5	81.5	66.2	68.4	72.1 ^b	69.9 ^b
No Wall (Ford Dealership) ^c	9/29/21	10:20	78.0	79.5	73.7	67.1	64.5	60.9
	9/29/21	13:57	78.0	79.5	75.7	69.9	71.4	65.2

- a. Presence of killdeer birds nesting near the meters.
- b. The L_{eq} noise levels from Noise Meters D and E were affected by intermittent traffic on Bryn Mawr Avenue turning at the Elm Street intersection.
- c. Occasional noise spikes from Ford dealership loudspeaker and one engine from a loud vehicle.
- d. The noise meter recorded 15 one-minute L_{eq} values only, so an overall 15-minute L_{eq} value was calculated following Menge's "The One-Minute L_{eq} Measurement Method."



Richmond, Virginia Noise Reading Results

The noise reading results are summarized in Figure 3.23 below. All noise readings were collected in 15-minute intervals. (Figures 3.18 - 3.19 show the noise meter locations.)

Figure 3.23: Noise Measurements at Richmond, Virginia

Material Type	Date	Start Time (military)	EOP to Meter A (feet)	Meter A L_{eq} (dBA)	Meter B L_{eq} (dBA)	Meter C L_{eq} (dBA)	Meter D L_{eq} (dBA)	Meter E L_{eq} (dBA)
Vinyl Privacy Fence	8/24/21 ^a	9:12	18.5	83.7	73.6	73.0	73.5	73.8
	8/24/21	12:06	18.5	83.4	71.3	71.1	68.8	64.4
	8/24/21	16:10	18.5	83.4	70.6	69.9	67.9	63.9
	8/25/21 ^a	8:23	18.5	84.0	74.3	73.7	74.1	74.6
	3/29/22	8:56	18.5	85.1	72.0	71.7	69.2	64.7
	3/29/22	11:46	18.5	84.7	71.5	71.0	68.6	64.1
	3/29/22	15:35	18.5	83.6	70.4	69.7	67.6	63.2
	3/30/22	8:27	18.5	84.6	71.3	71.4	69.4	65.0
Concrete Noise Wall	8/24/21	10:12	32.6	78.7	63.6	63.4	62.0	60.4
	8/24/21	12:32	32.6	83.8	63.2	62.6	61.9	59.5
	8/24/21	17:08	32.6	72.8	57.9	58.1	58.4	57.0
	8/24/21	9:23	32.6	79.4	62.7	63.7	62.8	60.8

a. Chorusing cicadas affected the accuracy of the morning noise readings. As a result, that data was found to be too contaminated to be used in the analysis, and additional data was collected at later dates at the same location.

Green, Ohio Noise Reading Results

The noise reading results are summarized in Figure 3.24 below. All noise readings were collected in 15-minute intervals. (Figure 3.20 shows the noise meter locations.)

Figure 3.24: Noise Measurements at Green, Ohio

Material Type	Date	Start Time (military)	EOP to Meter A (feet)	Meter A L_{eq} (dBA)	Meter B L_{eq} (dBA)	Meter B' L_{eq} (dBA)	Meter C L_{eq} (dBA)
Vinyl Fence	10/5/21	10:03	96.7	77.9	68.2	67.0	68.1 ^a
	10/5/21	13:12	96.7	77.0	67.2	67.0	67.4 ^a
	10/5/21	14:27	96.7	77.4	67.3	66.0	66.5 ^a
No Wall	10/5/21	10:31	91.5	77.5	76.7	75.0	72.2
	10/5/21	13:32	91.5	77.3	76.2	74.0	71.2
	10/5/21	14:46	91.5	77.7	76.8	75.0	72.7

a. Wrap-around noise impacts due to short wall length.



Traffic Counts & Meteorological Conditions

Noise readings and traffic counts were performed at the same time, as per the FHWA Noise Measurement Handbook, for each 15-minute interval during three daily time periods to represent changing traffic volumes throughout the day. All traffic counts for this research were performed by handheld counters. All “semis” and other trucks with three or more axles, usually diesel and designed for the transportation of cargo, were counted as “heavy trucks”. All light trucks, such as two-axle and six-wheel delivery vehicles designed to carry cargo, including school buses, were counted as “medium trucks”. All other vehicles, such as cars, were counted as “automobiles”. Motorcycles (of which were few) were included in the Heavy-Duty Truck category based on their noise level output. See Figure 3.25 for a summary of the traffic count and meteorological data. Appendix H contains the field data sheets.

Figure 3.25: Traffic Counts & Meteorological Conditions Summary

Site	Material/ Location	Date	Start Time	Vehicles Per Hour	Trucks (%)	Speed Limit (mph)	Temperature	Wind Speed & Direction (mph)	Weather
Lima, OH	No Wall (ODOT Site)	6/15/21	10:24	2,004	41%	65	70	10 N	Partly Cloudy
		6/15/21	11:54	2,372	41%	65	76	10 NW	
		6/15/21	14:01	2,588	34%	65	79	9 N	
		6/17/21	9:14	2,252	37%	65	70	8-10 S	Partly Cloudy
		6/17/21	11:07	2,712	37%	65	80	8-10 SW	
		6/17/21	12:57	2,856	33%	65	80	8-10 SW	
	6/17/21	14:54	2,980	29%	65	84	8-10 SW		
	Vinyl Noise Wall (ODOT Site)	7/21/21	9:17	2,048	38%	65	70	8-9 NNE	Partly Cloudy
		7/22/21	9:40	2,184	42%	65	70	<2 ENE	
		7/22/21	13:19	2,844	32%	65	76	<2 Calm	
		9/29/21	9:20	2,696	48%	65	58	<6 ESE	Partly Cloudy
		9/29/21	13:18	2,544	50%	65	72	<6 ESE	Partly Cloudy
	Concrete Noise Wall	7/21/21	10:23	2,720	42%	70	70	8-9 NNE	Partly Cloudy
		7/22/21	10:26	3,016	35%	70	70	<2 ENE	
		7/22/21	14:00	4,036	26%	70	76	<2 Calm	
		9/29/21	11:24	2,324	40%	70	72	<6 ESE	Partly Cloudy
		9/29/21	14:46	2,376	40%	70	76	<6 NE	Partly Cloudy
	No Wall (Ford) ^c	9/29/21	10:20	2,260	53%	70	58	<6 ESE	Partly Cloudy
9/29/21		13:57	2,536	38%	70	72	<6 ESE	Partly Cloudy	
Green, OH	Vinyl Fence	10/5/21	10:03	4,724	16%	65	63	7 NE	Foggy
		10/5/21	13:12	5,000	13%	65	67	7 E	
		10/5/21	14:27	5,600	10%	65	73	7 E	
	No Wall	10/5/21	10:31	4,632	16%	65	63	7 NE	Foggy
		10/5/21	13:32	5,084	13%	65	67	7 E	
		10/5/21	14:46	6,020	11%	65	73	7 E	
Richmond, VA	Vinyl Privacy Fence	3/29/22	8:56	11,268	8%	55	28	9 NNW	Partly Cloudy
		3/29/22	11:46	8,768	12%	55	40	9 WNW	
		3/29/22	15:35	11,464	9%	55	47	3 N	
		3/30/22	8:27	12,492	9%	55	49	7 SSE	
	Concrete Noise Wall	8/24/21	10:12	8,688	13%	55	82	4 NNE	Sunny & Hot
		8/24/21	12:32	9,224	11%	55	92	9 N	
		8/24/21	17:08	9,456	7%	55	95	3 NE	
		8/24/21	9:23	9,188	14%	55	85	4 Calm	

CHAPTER 4

Data Analysis & Modeling



Data Analysis & Modeling Overview

This chapter includes the data analyses that were conducted on the acoustic field-testing data, as well as the TNM modeling analysis and cost-benefit analysis. The data analyses drew from 37 noise observation sessions sampled across three sites at set distances from concrete and vinyl wall and fence structures located along major highways, in addition to “No Wall” locations. Each location presented different configurations of wall height and length, material, distance from edge of pavement, traffic volumes, and time of day. To fully assess the acoustic effectiveness of vinyl fence noise walls, the following analyses were performed:

1. Aggregated Dropoff Performance Comparative Analysis, 37 observations
2. Aggregated Difference-in-Difference Comparative Analysis, 23 observations
3. Disaggregated Minute-by-Minute Descriptive Statistical Analysis, 300 observations
4. TNM Modeling Predictive Analysis, 14 receptor points
5. Cost-Benefit Comparative Analysis

Dropoff Performance Comparative Analysis

Dropoff Performance Comparative Analysis Methodology

The first data analysis involved the noise dropoff performance of various wall/fence and no-wall configurations. The dropoff performance over set distances at the three sites was averaged for all five noise meters using 37 field data observations and then evaluated to identify patterns. **Figure 4.1** shows the calculated average dropoff observations over distance where noise reading data was collected; **Figures 4.2 - 4.5** show average noise levels and distances by noise meter for each location.

Figure 4.1: Noise Dropoff Performance at Noise Meters Over Distance

Sites & Locations	Meter A Average L_{eq} (dBA)	Meter A-B Dropoff (dBA)	Meter A-C Dropoff (dBA)	Meter A-D Dropoff (dBA)	Meter A-E Dropoff (dBA)
Lima, OH - No Wall (ODOT Site, Pre-Construction)	76.9	-4.2	-7.5	-8.3	-15.9
Lima, OH - Vinyl Noise Wall (ODOT Site, Post-Construction)	77.1	-13.5	-11.7	-11.3 ^a	-14.6 ^a
Lima, OH - Concrete Noise Wall	81.5	-17.7	-16.6 ^b	-15.8 ^b	-18.0 ^b
Lima, OH - No Wall (Ford Dealership)	79.5	-4.8	-11.0	-11.6	-16.5
Richmond, VA - Vinyl Privacy Fence (results affected by cicadas/not analyzed) ^c	83.9	-9.9	-10.5	-10.1	-9.7
Richmond, VA - Vinyl Privacy Fence (results used in analysis)	84.1	-13.0	-13.3	-15.6	-19.9
Richmond, VA - Concrete Noise Wall	78.7	-16.8	-16.7	-17.4	-19.3
Green, OH - No Wall	77.5	-0.9	-5.5	N/A ^d	N/A ^d
Green, OH - Vinyl Fence	77.4	-9.9	-10.1	N/A ^d	N/A ^d

- a. Wrap-around noise impacts at the Lima, Ohio vinyl noise wall due to the short noise wall length.
- b. The L_{eq} noise levels from Noise Meters C, D and E were affected by intermittent local traffic.
- c. Cicadas noise present during morning readings on 6/24/21 and 6/25/21.
- d. No readings were taken for the Meters D and E distances because of the limited depth for field work on this site and the short length of the noise wall.

Figure 4.2: Lima, Ohio Vinyl Noise Wall Pre- & Post-Construction Average Noise Dropoff



Figure 4.3: Lima, Ohio Concrete Noise Wall & No Wall Average Noise Dropoff



Figure 4.4: Richmond, Virginia Vinyl Privacy Fence & Concrete Noise Wall Average Noise Dropoff

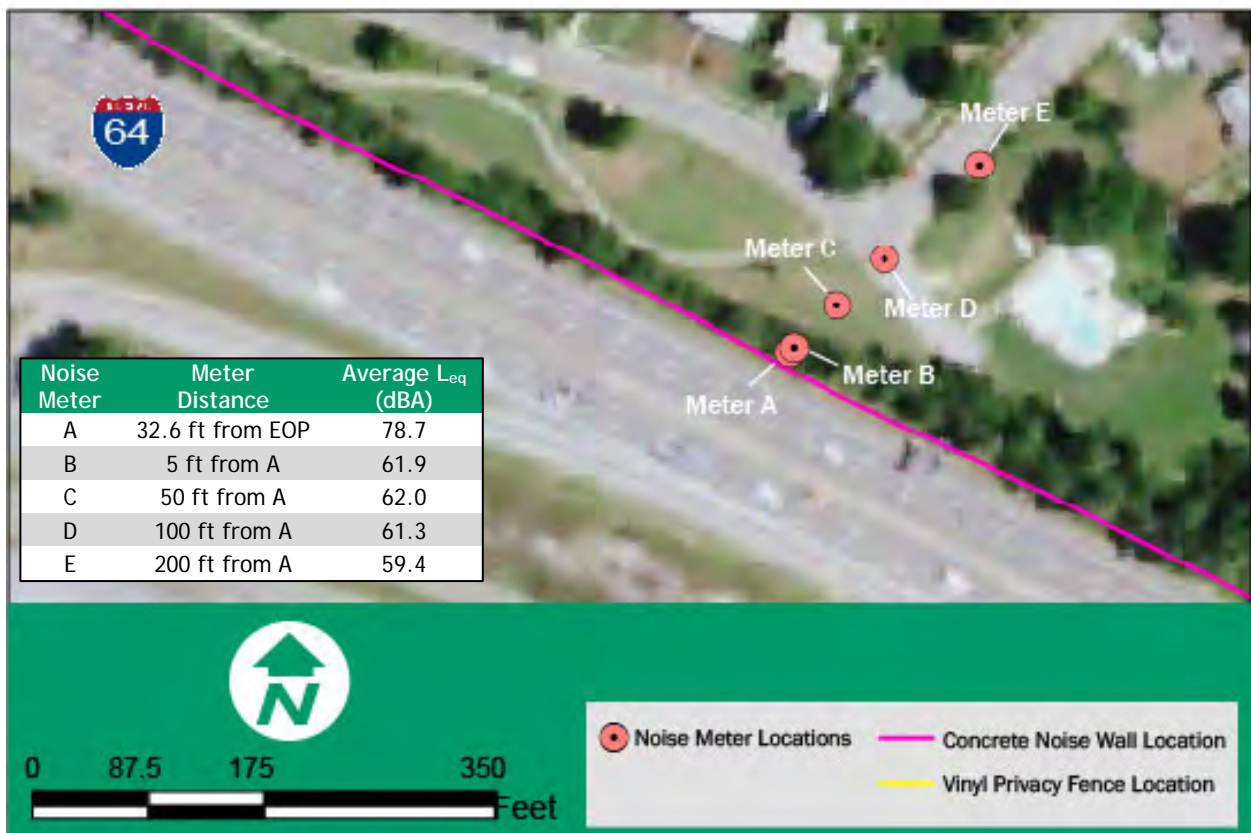
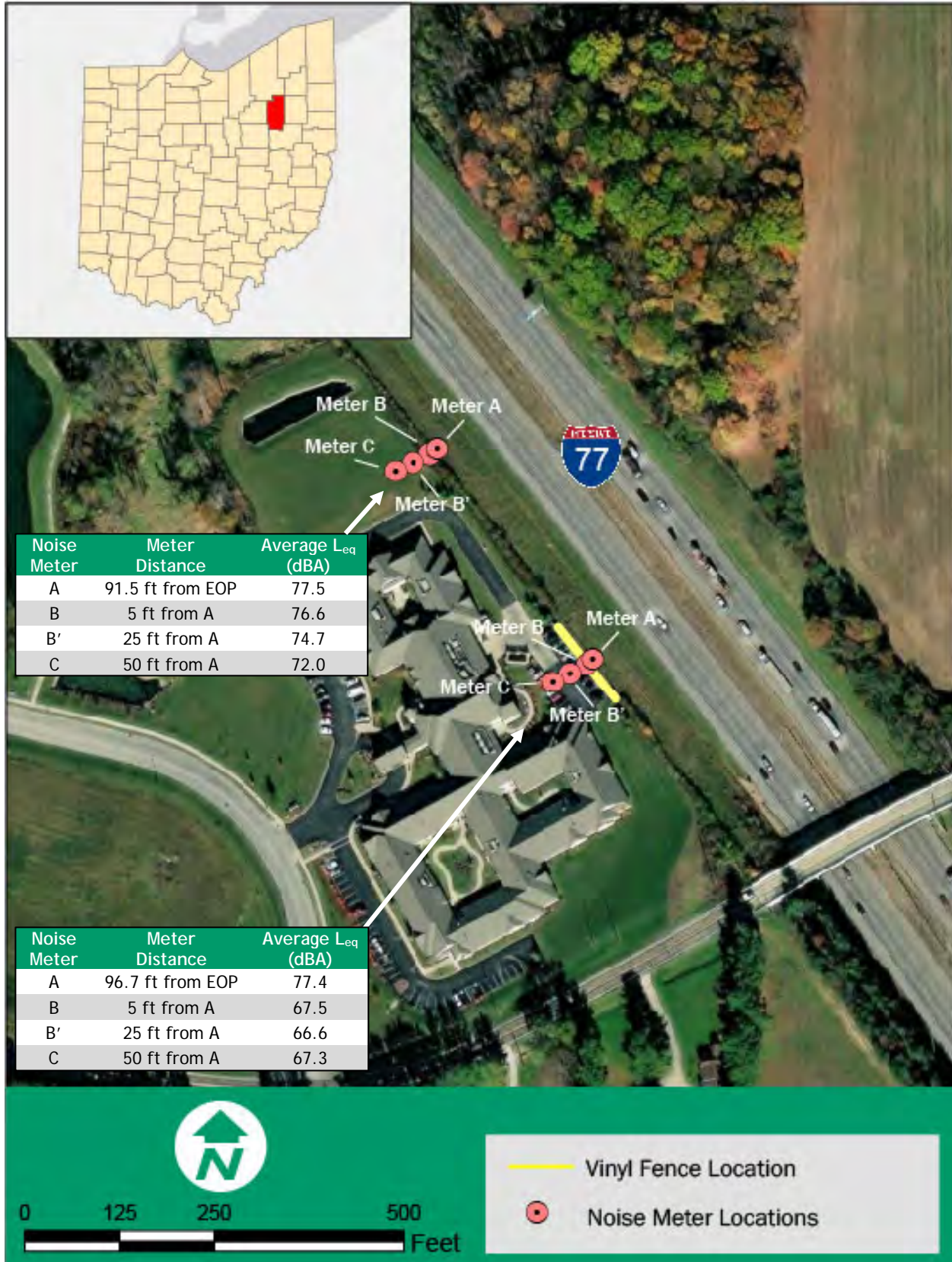


Figure 4.5: Green, Ohio Vinyl Fence & No Wall Average Noise Dropoff





Dropoff Performance Comparative Analysis Results

Lima, Ohio Dropoff Performance Comparison (shown in Figures 4.2 and 4.3)

When comparing the average noise levels at Noise Meter A between the Lima, Ohio concrete and vinyl noise walls, Noise Meter A had a higher average L_{eq} for the concrete noise wall (81.5 dBA) than the vinyl noise wall (77.1 dBA). With similar traffic volumes between the two sites, this difference is most likely because the concrete noise wall is located closer to I-75 than the vinyl noise wall. Therefore, the dropoff performance comparison between the two walls could not be exact, but patterns could still be evaluated. The concrete noise wall showed a steady decrease in noise levels from Noise Meter A to E, although Noise Meter C showed less of a dropoff than Noise Meter B. This difference could be explained by the presence of intermittent traffic on local roads near Noise Meters C, D and E at the concrete wall. The vinyl noise wall showed a steady dropoff from Noise Meters A to C, but Noise Meters D and E showed less of a dropoff. This difference was most likely due to wrap-around noise impacts from the short length of the noise wall. The dropoff between Noise Meters A to B for the concrete noise wall was 17.7 dBA (21.7 percent), about 4.2 dBA more than the vinyl noise wall reduction of 13.5 dBA (17.5 percent). In other words, the concrete noise wall outperformed the vinyl noise wall. This result will be analyzed further in the Difference-in-Difference Comparative Analysis section.

Comparing the noise readings between the post-construction vinyl noise wall and the pre-construction No Wall scenario, there was a dramatic decrease in noise levels at Noise Meters B and C (around 10 dBA). Noise reduction at the vinyl noise wall at more distant Noise Meters D and E were trivial compared to the No Wall scenario. Because of wrap-around impacts, dropoff performance over greater distances could not be accurately analyzed for this site. In addition, for the pre-construction No Wall scenario, the noise levels at Noise Meter A are noticeably higher as compared to Noise Meter B. This difference is because Noise Meter A was placed 13 feet above the ground so that it was five feet above the top of the expected vinyl noise wall height of eight feet. Noise becomes louder as a noise meter is raised above the ground because the ground absorbs noise. Noise Meter B was placed at five feet above the ground, so Noise Meter A was located eight feet higher above the ground than Noise Meter B. The same pattern occurred at the No Wall location at the Ford Dealership - Noise Meter A had noise levels that were noticeably higher than Noise Meter B due to the height differences in the two meters.

Richmond, Virginia Dropoff Performance Comparison (shown in Figure 4.4)

The Richmond, Virginia site best captured the performance of vinyl materials over distance because this site had the longest and tallest vinyl privacy fence, and the other sites experienced some noise contamination issues. However, the presence of chorusing cicadas during the morning noise measurements when the first round of fieldwork was performed at the Richmond, Virginia vinyl privacy fence rendered some of the noise readings unreliable. To address this issue, a second round of measurements was conducted. As a result, the table in Figure 4.1 shows two sets of average noise levels at the vinyl privacy fence in order to separate the cicada-affected noise reading results from the "clean" results that were used in the analysis.

When comparing the average noise levels at Noise Meter A between the Richmond, Virginia concrete noise wall and vinyl privacy fence, Noise Meter A had a higher average L_{eq} for the vinyl privacy fence (84.1 dBA) than the concrete noise wall (78.7 dBA). This difference is most likely because traffic volumes were higher at the vinyl privacy fence site and the vinyl privacy fence is located closer to I-64 than the concrete noise wall. Therefore, the dropoff performance comparison between the two structures could not be exact, but patterns could still be evaluated. The concrete noise wall showed a steady decrease in noise levels from Noise Meters A to E although Noise Meters B and C were very similar. The vinyl privacy fence also showed a



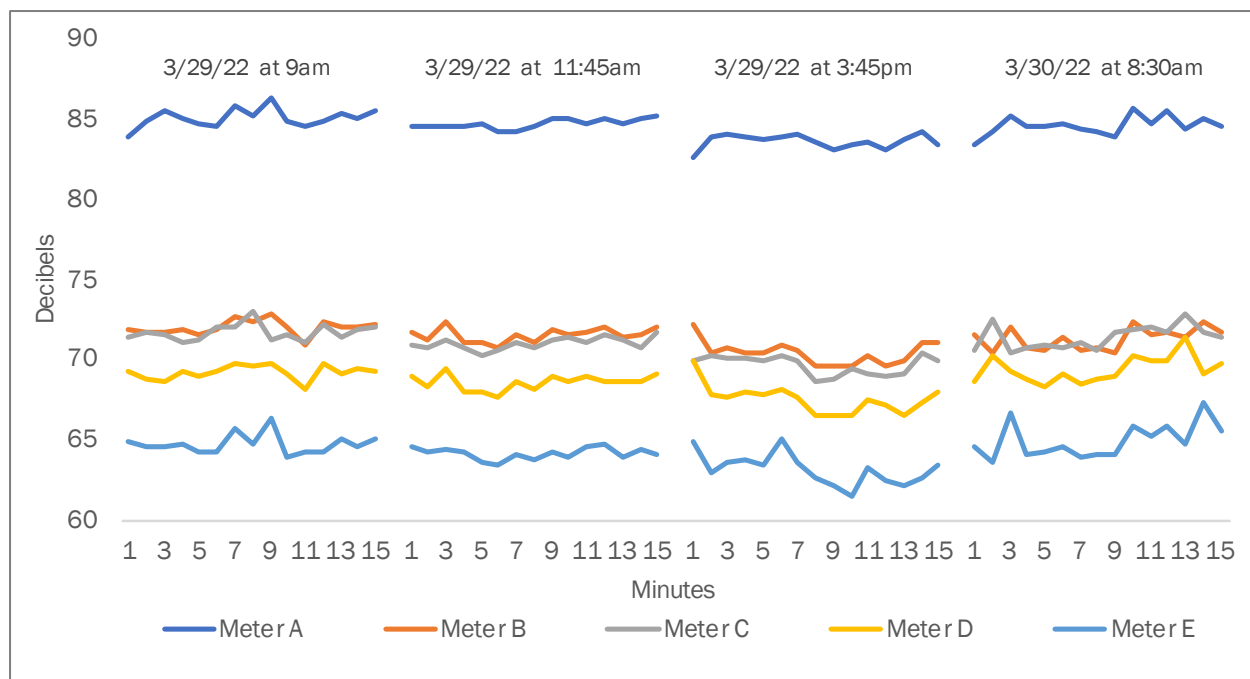
steady dropoff from Noise Meter A to E, with Noise Meters B and C being very similar. Figure 4.6 directly compares the dropoff performance over distance between the concrete noise wall and vinyl privacy fence. Between Noise Meters A and B, the concrete noise wall outperformed the vinyl privacy fence by 3.8 dBA. Additionally, between Noise Meters A and C, the concrete noise wall outperformed the vinyl privacy fence by 3.4 dBA. However, at Noise Meters D and E, the performance difference was much smaller. The results indicate that the concrete material outperformed the vinyl material within 50 feet of the structures, but at distances over 100 feet, the two materials mitigated noise by a similar amount.

Figure 4.6: Richmond, Virginia Concrete/-Vinyl Material Dropoff Differences

Locations	Meter A Average L_{eq} (dBA)	Meter A-B Dropoff (dBA)	Meter A-C Dropoff (dBA)	Meter A-D Dropoff (dBA)	Meter A-E Dropoff (dBA)
Richmond, VA - Concrete Noise Wall	78.7	-16.8	-16.7	-17.4	-19.3
Richmond, VA - Vinyl Privacy Fence	84.1	-13.0	-13.3	-15.6	-19.9
Concrete-Vinyl Dropoff Differences	N/A	3.8	3.4	1.8	0.6

Compared to the other sites, the Richmond, Virginia results were the cleanest, and they most clearly reflected the noise level dropoff dynamics over distance that would be expected. For that reason, a more in-depth dropoff performance comparison of the minute-by-minute noise levels was performed for this site. Looking at the vinyl privacy fence in more detail, Figure 4.7 shows the 60 minute-by-minute noise observations collected across Noise Meters A, B, C, D, and E during the second round of Richmond vinyl wall measurements. These 60 observations per meter represent each minute of the four 15-minute noise reading sessions, as indicated by the figure. Here, noise levels dropped by an average of 13.2 dBA (15.6 percent) between Noise Meters A and B; there was a minimal average decrease between Noise Meters B (5 feet) and C (50 feet) due to the short distance; and as the traffic noise traveled from Meter A to Meters D (100 feet) and E (200 feet), the noise levels decreased substantially by 15.8 to 20.3 dBA.

Figure 4.7: Minute-by-Minute Noise Levels at Richmond, Virginia Vinyl Privacy Fence



Green, Ohio Dropoff Performance Comparison (shown in Figure 4.5)

A nearby concrete noise wall was not present for the Green, Ohio location, so the dropoff performance could not be compared between concrete and vinyl materials using the collected noise readings, but the TNM Modeling Predictive Analysis did offer a performance comparison, which is discussed in that section. However, dropoff patterns for the vinyl fence and No Wall scenario could still be evaluated. The vinyl fence showed a reduction of 9.9 dBA (12.8 percent) from Noise Meters A to B and a 10.8 dBA reduction from Noise Meters A to B' (25-foot offset), but the noise reduction was actually less from Noise Meters A to C (only 10.1 dBA), which is most likely due to wrap-around noise effects from the short vinyl fence length. For the No Wall scenario, there were small but steady noise reductions over distance, including a 0.9 dBA reduction from Noise Meters A to B, a 2.8 dBA reduction from Noise Meters A to B', and a 5.5 dBA reduction from Noise Meters A to C.

Difference-in-Difference Comparative Analysis

Difference-in-Difference Comparative Analysis Methodology

To perform a direct comparative analysis between vinyl and concrete materials, the methodology of “difference-in-difference” was employed using 23 field data observations. Such techniques are commonly used by observational researchers in order to emulate an experimental research design - one where there is normally a treatment and control group. For the purposes of this research study, the difference-in-difference techniques capture the difference in noise level reduction for two treatments (concrete and vinyl materials), as compared to the control condition (Noise Meter A, located just above each wall and fully exposed to ambient road noise).

To isolate the traffic noise reduction properties of these different materials, an empirical analysis was initiated by focusing on the aggregate noise readings taken at Noise Meter A (located five feet above the structures) and Noise Meter B (located five feet above ground level and five feet behind the structures). This focus minimizes the contamination by ambient noise and decreases the effects of variations in wall height, length, and distance from the edge of pavement due to the close proximity of Noise Meter B to the structures. By measuring differences in noise levels from Noise Meters A to B for each material type, and then taking the difference between those noise level reductions (“the difference-in-difference”), a vinyl performance coefficient was estimated - that is, the observed noise level reduction performance of vinyl material as compared to concrete material.

This difference in noise level reduction was first estimated by comparing the aggregate data from Noise Meters A and B during all 15-minute observation periods across all sites (excluding only the first set of noise readings taken during the morning at the Richmond, Virginia vinyl privacy fence due to the contamination of those readings by cicadas). For this comparison, the average difference in noise levels between Noise Meters A and B was calculated, both in decibels and as a percentage. This data was then used to estimate the vinyl performance coefficient by dividing the average decibel reduction of vinyl material by that of concrete material at the two locations that featured both materials (Lima, Ohio and Richmond, Virginia). **Figure 4.8** summarizes the key details of the three sites, estimates the acoustic performance of structures at each of those locations, and presents the results of the analysis of the aggregate data for each wall type.



Figure 4.8: Performance Comparison Matrix of Vinyl and Concrete Materials

Parameters	Lima, OH		Richmond, VA		Green, OH
	Concrete Noise Wall	Vinyl Noise Wall	Concrete Noise Wall	Vinyl Privacy Fence	Vinyl Fence
Material & Site Details					
Material	Standard Concrete	Simulated Stone ^b	Standard Concrete	Simulated Stone ^b	Tahoe II PVC
Cost per square foot ^a	\$35	\$19	\$35	\$26	\$14
Wall Height (feet)	15	8	14	12	7
Wall Length (feet)	2,900	400	1,150	1,100	120
Ground Type	Grass & Asphalt	Grass & Soil	Grass & Asphalt	Grass & Asphalt	Asphalt
Average Vehicles Per Hour ^c	2,900	2,500	9,100	11,000	5,100
Average Percent Trucks ^c	35%	38%	11%	10%	13%
Speed Limit (mph)	70	65	55	55	65
EOP Distance to Meter A (feet)	54	80	33	19	97
Aggregate Analysis					
Aggregate Observations (#)	5	5	4	6	3
Length of Noise Reading (minute)	15	15	15	15	15
Minute-by-Minute Observations (#)	75	75	60	90	45
Meter A Avg L _{eq} (dBA)	81.5	77.1	78.7	84.1	77.4
Meter B Avg L _{eq} (dBA)	63.9	63.6	61.9	71.2	67.6
Meter B' Avg L _{eq} (dBA)	-	-	-	-	66.6
Meter C Avg L _{eq} (dBA)	64.9	65.4	62.0	70.8	67.3
Meter D Avg L _{eq} (dBA)	65.8	65.8	61.3	68.6	N/A
Meter E Avg L _{eq} (dBA)	63.6	62.4	59.4	64.2	N/A
Meter A-B Avg Reduction (dBA/Percent)	17.7/21.6%	13.5/17.5%	16.8/21.3%	13.0/15.4%	9.9/12.8%
Meter A-B' Avg Reduction (dBA/Percent)	-	-	-	-	10.8/14.0%
Meter A-C Avg Reduction (dBA/Percent)	16.6/20.4%	11.7/15.2%	16.7/21.2%	13.3/15.8%	10.1/13.0%
Meter A-D Avg Reduction (dBA/Percent)	15.7/19.3%	11.3/14.7%	17.4/22.1%	15.6/18.5%	-
Meter A-E Avg Reduction (dBA/Percent)	17.9/22.0%	14.7/19.1%	19.3/24.5%	19.9/23.7%	-
Vinyl Performance Coefficient	-	0.76	-	0.77	- ^d

- a. Cost estimates accurate as of 2021 and include material and installation costs.
- b. Simulated Stone has different unit costs based on wall height.
- c. Traffic data collected from noise reading field work.
- d. Without a concrete noise wall for comparison, a vinyl performance coefficient could not be calculated using the noise reading data; however, it was later estimated in TNM Modeling Predictive Analysis section.



Difference-in-Difference Comparative Analysis Results

Vinyl and Concrete Material Comparisons

At all three sites, the vinyl materials produced substantial reductions in noise levels. In Lima, Ohio, the vinyl noise wall material showed a 13.5 dBA (17.5 percent) reduction in traffic noise from Noise Meters A to B. Richmond, Virginia featured the same material and offered similar performance, reducing noise by 13.0 dBA (15.4 percent). At both the Lima, Ohio and Richmond, Virginia sites, the concrete materials were more effective at reducing noise levels than the vinyl materials, with an observed average noise reduction from Noise Meters A to B of 17.7 dBA (21.6 percent) in Lima, Ohio and 16.8 dBA (21.3 percent) in Richmond, Virginia. In Richmond, Virginia, the vinyl privacy fence was built with the same vinyl material in Lima, Ohio (Simulated Stone material), but there were differences between the locations - Richmond, Virginia's vinyl privacy fence was taller, longer, and much closer to the roadway than at the Lima, Ohio location. However, the noise reduction results could be directly compared between the different locations when focusing on the noise reduction from Noise Meters A to B because the wall height and length differences were minimized as factors.

The Noise Meter A to B results showed that the concrete materials performed similarly between Richmond, Virginia (16.8 dBA) and Lima, Ohio (17.7 dBA), and the vinyl materials also performed similarly, with a noise reduction of 13.3 dBA in Richmond, Virginia and 13.5 dBA in Lima, Ohio. The vinyl fence for Green, Ohio was constructed with a different vinyl material (Tahoe II); it performed well, by reducing the levels from Noise Meters A to B by 9.9 dBA (12.8 percent), although not as well as the other vinyl material (Simulated Stone). The lower acoustic effectiveness of the Tahoe II vinyl material can be attributed to differences in design - the material is thinner and less substantial than the Simulated Stone vinyl material, but it also costs less per square foot.

Comparative Performance Coefficient

To calculate a performance coefficient that directly compares vinyl to concrete materials, the average Noise Meter A to B decibel reduction from the vinyl material was divided by the average Noise Meter A to B decibel reduction from the concrete material. The results showed that the vinyl material (Simulated Stone) installed at Lima, Ohio and Richmond, Virginia achieved 76 to 77 percent of the performance of the concrete material. It should be noted that the vinyl material in Lima, Ohio was nearly half of the cost per square foot of the equivalent concrete material, and the vinyl material in Richmond, Virginia was about three-quarters of the cost per square foot of the equivalent concrete material (to be discussed further in the cost-benefit analysis). A performance coefficient for Green, Ohio could not be calculated without having a concrete noise wall for comparison. It was later estimated in the TNM Modeling Predictive Analysis section.

ODOT Field Observations

When considering the past field work conducted by ODOT staff on vinyl materials (see Literature Search Chapter and Figure 2.3), a similar performance for vinyl materials was calculated between Noise Meters A and B. ODOT staff took seven sets of readings for 10-minutes each at locations around Ohio, including at the same Green, Ohio site as was selected for this study. One of the vinyl noise wall sites studied by ODOT (MAH-76/Canfield) was a vinyl noise wall made of Simulated Stone, and it had a noise reduction of 11.8 dBA from Noise Meters A to B. This reduction was less than the reduction for the Lima, Ohio and Richmond, Virginia Simulated Stone vinyl materials; however, the L_{eq} for Noise Meter A at the Canfield, Ohio location (69.2 dBA) was also much lower than the Lima, Ohio and Richmond, Virginia locations.

The other six sets of noise readings were collected at locations with noise walls built with the Tahoe II PVC vinyl material or similar unidentified vinyl materials. These locations experienced an overall average noise reduction of 8.5 dBA from Noise Meters A to B. This reduction compared closely with the average noise reduction of 9.9 dBA at the Green, Ohio location calculated for this study, which was expected considering the vinyl materials at these locations were similar. The noise reduction levels indicate that the Simulated Stone vinyl material outperforms the other vinyl materials tested.

Minute-by-Minute Descriptive Statistical Analysis

Minute-by-Minute Descriptive Statistical Analysis Methodology

An analysis on the disaggregated minute-by-minute data from Lima, Ohio and Richmond, Virginia was performed to examine the distribution of noise reduction performance in greater detail using 300 minute-by-minute field data observations to calculate descriptive statistics. For Lima, Ohio, Noise Meters A and B were considered due to the presence of noise contamination near Noise Meters C, D, and E. There were 75 L_{eq} observations for the Lima, Ohio vinyl noise wall and 75 L_{eq} observations for the Lima, Ohio concrete noise wall upon which to base the summary statistics. For Richmond, Virginia, the analysis focused on the second round of noise readings and part of the first round of “clean” noise readings (due to the cicada effects). There were 90 L_{eq} observations for the Richmond, Virginia vinyl privacy fence and 60 L_{eq} observations for the Richmond, Virginia concrete noise wall upon which to base the summary statistics. This analysis was not performed for the Green, Ohio location because a nearby concrete noise wall was not available for comparison. From this analysis, a vinyl performance coefficient was calculated and compared to the vinyl performance coefficient calculated in the earlier aggregate analysis.

Minute-by-Minute Descriptive Statistical Analysis Results

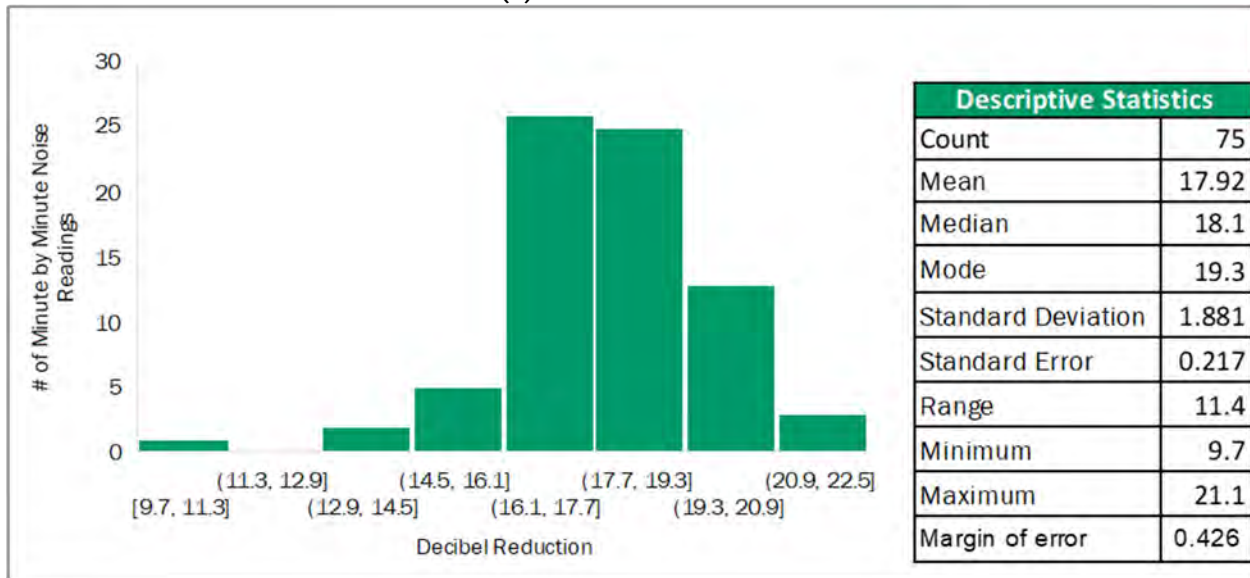
Lima, Ohio Disaggregated Analysis

Figure 4.9 shows the 75 disaggregated, minute-by-minute differences in noise levels between Noise Meters A and B for both the vinyl and concrete noise walls in Lima, Ohio. On average, the concrete noise wall reduced noise levels at Noise Meter B by 17.92 dBA with a margin error of ± 0.43 dBA. In other words, inside of confidence interval of 95 percent, the actual mean noise level reduction falls within two standard errors (0.217×2) of the sample mean (17.92 dBA). By comparison, the vinyl noise wall reduced noise levels at Noise Meter B by an average of 13.53 dBA with a margin of error of ± 0.25 dBA.

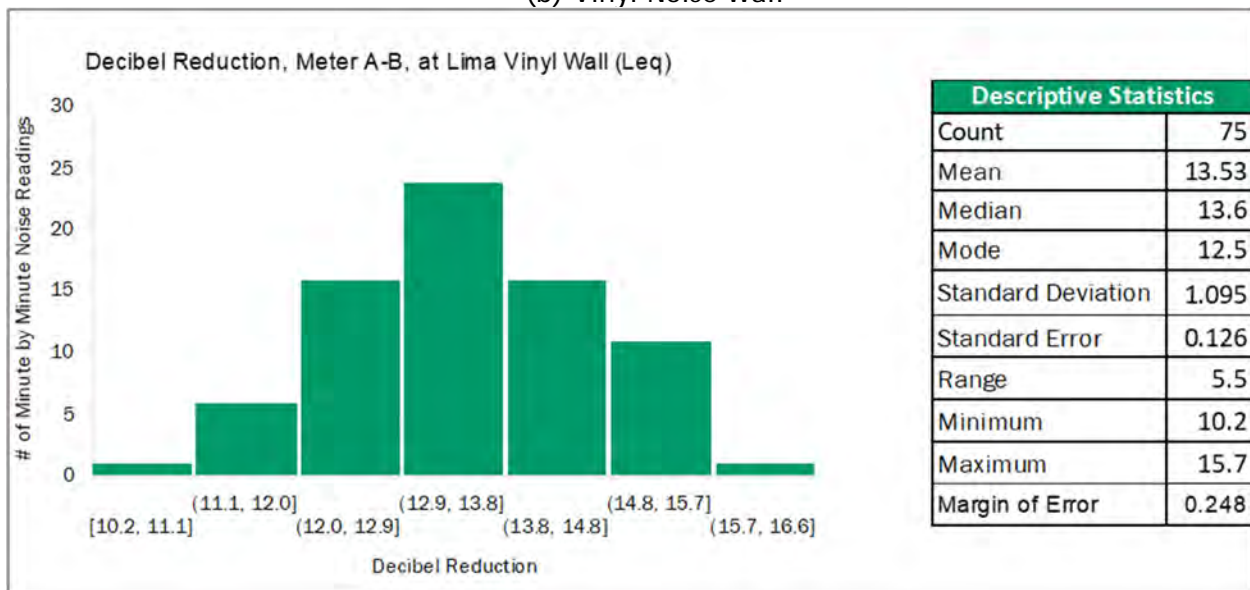
In terms of the distribution of individual noise level reduction measurements, the concrete noise wall in Lima, Ohio exhibited a higher mean but also a higher variance than the vinyl noise wall. The noise level reductions at the concrete noise wall were within one standard deviation of 1.9 dBA of the mean (17.92 dBA). That is to say that approximately two-thirds of the minute-by-minute L_{eq} noise levels fell within approximately 1.9 dBA of the mean. The vinyl noise wall in Lima, Ohio exhibited a lower mean but also a lower variance, with a standard deviation of 1.1 dBA. So, approximately two-thirds of all noise readings fell within approximately 1.1 dBA of the mean (13.53 dBA).

Figure 4.9: Decibel Reduction from Meters A to B at Lima, OH Walls (Leq)

(a) Concrete Noise Wall



(b) Vinyl Noise Wall



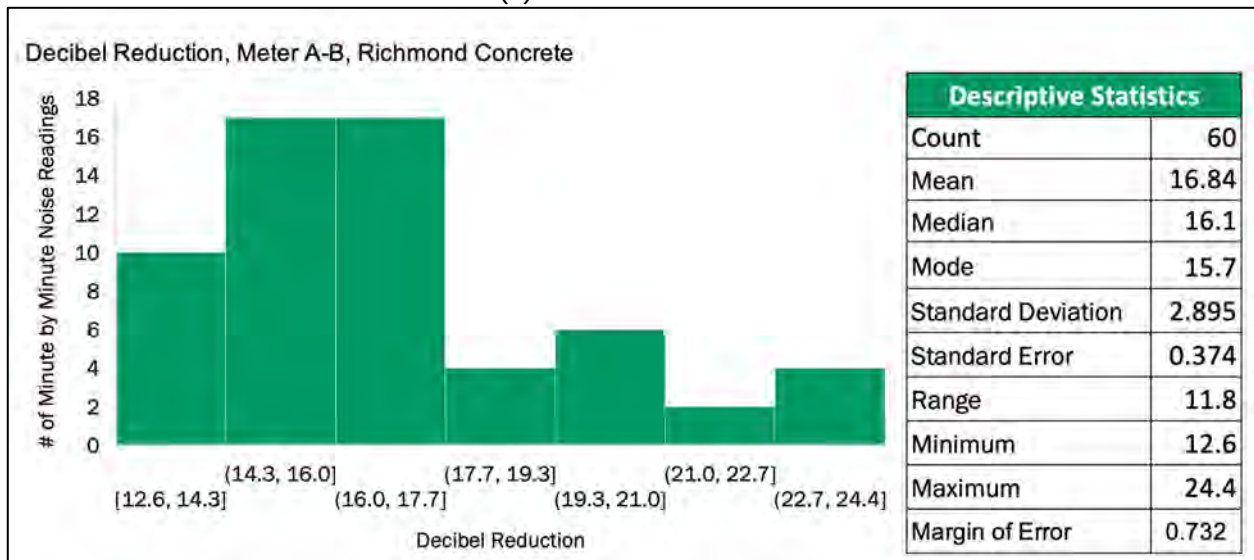
From this analysis, there is a high level of confidence that the mean noise level reduction from the concrete noise wall at the Lima, Ohio location is 17.92 dBA with a margin of error of +/- 0.43 dBA, and from the vinyl noise wall, it is 13.53 dBA +/- 0.25 dBA. The calculated vinyl performance coefficient for this minute-by-minute analysis is 0.76, which matches the performance coefficient calculated in the aggregate analysis (Figure 4.8).

Richmond, Virginia Disaggregated Analysis

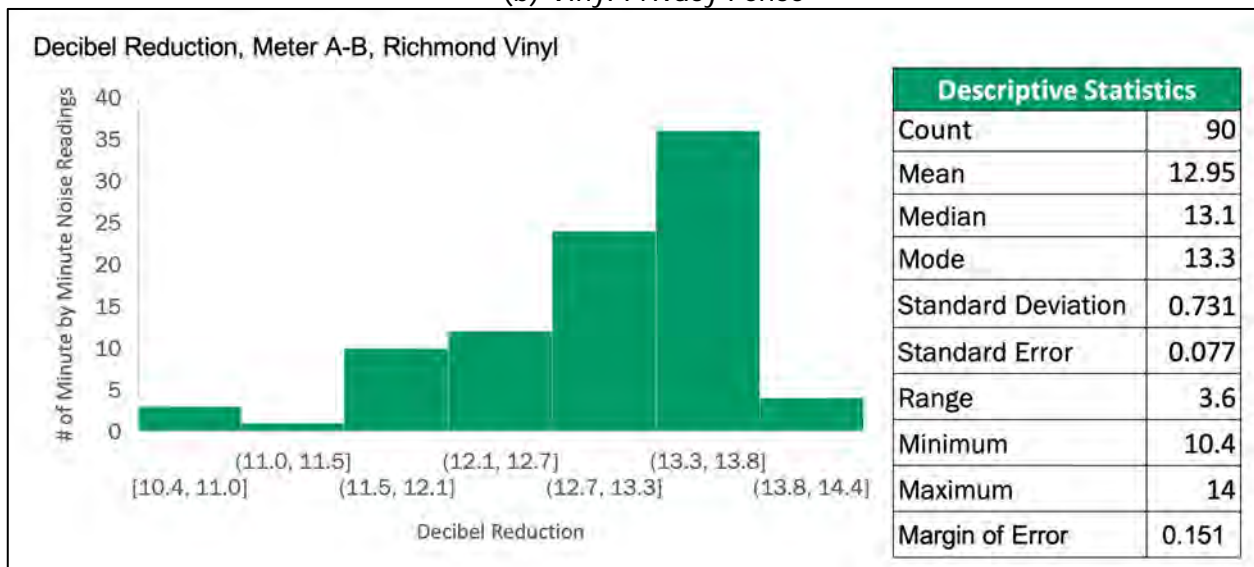
Figure 4.10 reports the 60 minute-by-minute noise level differences between Noise Meters A and B for the concrete noise wall and the 90 minute-by-minute differences for the vinyl privacy fence in Richmond, Virginia. On average, the concrete noise wall reduced noise levels at Noise Meter B by 16.8 dBA with a margin error of +/-0.73 dBA (95 percent confidence). By comparison, the vinyl privacy fence reduced noise levels at Noise Meter B by an average of 13.0 dBA with a margin of error of +/-0.15 dBA. Similar to the concrete noise wall in Lima, Ohio, the concrete noise wall in Richmond, Virginia exhibited a higher mean but also a higher standard deviation compared to the vinyl privacy fence. In terms of the noise level reduction performance, two-thirds of the minute-by-minute L_{eq} noise levels fell within approximately 2.9 dBA of the mean (16.84 dBA). As found at the Lima, Ohio location, the vinyl privacy fence in Richmond, Virginia exhibited a lower mean but also a lower variance. Approximately two-thirds of all noise readings fell within approximately 0.73 dBA of the mean (12.95 decibels).

Figure 4.10: Decibel Reduction from Meters A to B at Richmond, Virginia Wall and Fence (L_{eq})

(a) Concrete Noise Wall



(b) Vinyl Privacy Fence





From this analysis, there is a high confidence that the mean noise level reduction from the concrete noise wall at the Richmond, Virginia location is 16.84 dBA with a margin of error of +/- 0.73 dBA, and from the vinyl privacy fence, it is 12.95 dBA +/- 0.15 dBA. The calculated vinyl performance coefficient for this minute-by-minute analysis (dividing the mean decibel reduction for vinyl by the mean for concrete) is 77 percent, which is consistent with the performance coefficient calculated in the aggregate analysis. Overall, the disaggregated, minute-by-minute statistical results for the Lima, Ohio and Richmond, Virginia sites confirms the finding from the aggregate analysis that Simulated Stone vinyl material (as installed at these two sites) delivers 76 to 77 percent of the performance of concrete material.

Empirical Data Analysis Results Summary

Examining the field data across the sites in Lima, Ohio; Green, Ohio; and Richmond, Virginia, several conclusions can be reached. First, the material used to construct the Green, Ohio vinyl fence (Tahoe II) did not achieve the same level of noise reduction performance as the material used to construct the vinyl noise wall at Lima, Ohio and the vinyl privacy fence at Richmond, Virginia (Simulated Stone). Comparing the results from Noise Meters A to B, the Green, Ohio vinyl fence reduced traffic noise by 9.9 dBA compared to a reduction of 13.5 dBA at the Lima, Ohio vinyl noise wall and 13.0 dBA at the Richmond, Virginia vinyl privacy fence. Second, the performance of the vinyl materials at Lima, Ohio and Richmond, Virginia delivered less noise reduction compared to the concrete noise walls at those locations but were still reducing noise levels by about three-quarters of the concrete noise walls' performance. Third, the readings for the Richmond, Virginia vinyl privacy fence at the more distant Noise Meters C, D, and E—where noise readings were cleanest compared to the other field locations—indicated that the 12-foot-tall wall delivered substantial noise reduction performance across the entire 200-foot distance behind the vinyl privacy fence. Differences in field conditions at the Lima, Ohio vinyl noise wall prevented further conclusions as to the impact of its shorter height on noise reduction over distance.

TNM Modeling Predictive Analysis

TNM Modeling Predictive Analysis Methodology

To supplement the empirical findings, a third analysis was performed using simulated data generated from TNM models that predicted acoustic behavior for 14 receptors at the three vinyl material sites - Lima, Ohio (five receptors); Green, Ohio (four receptors), and Richmond, Virginia (five receptors). This approach allowed for the direct substitution of concrete noise walls at the same location of the vinyl materials, while other variables were held constant. The noise models could also calculate the noise levels at all of the noise meters without the contamination issues that occurred with many of the noise readings. This approach allowed the research team to approach experimental control. FHWA's TNM 2.5 software was used for the analysis. For each TNM model, the following elements were included:

- Barriers: vinyl noise walls were modeled as concrete noise walls; barrier heights reflected the actual heights of the vinyl noise walls.
- Roadways: primary roadways were imported; traffic volumes were taken from the traffic counts; traffic volumes for interchange ramps and secondary roads were obtained from DOT and MPO sources.
- Terrain: two-foot contours were imported.
- Receivers: all of the noise meters were modeled. Meter A height was updated to reflect the actual height in the field as stated in the Noise Measurement Plans.



No other significant elements were identified for the sites. The noise models were calibrated using the field readings for Noise Meter A since this meter location was not affected by the presence and type of noise wall. The TNM models were then run, and the results were compared with the results from the empirical analyses, including comparing the vinyl performance coefficients for Lima, Ohio and Richmond, Virginia. In addition, a vinyl coefficient for the Green, Ohio vinyl fence was estimated using the modeled concrete noise wall results. The results of this analysis are detailed below and the TNM model printouts are available in **Appendix J**. As can be seen in the following tables, this calibration technique resulted in noise level variance ranging from 0.1 to 2.0 dBA between the noise levels generated by the model and the noise levels observed by our field readings at Noise Meter A. This level of calibration is well within the accepted +/-3.0 dBA range.

TNM Modeling Predictive Analysis Results

Lima, Ohio Predictive Analysis

At the Lima, Ohio location, the vinyl noise wall was constructed at a height of eight feet, so the concrete noise wall height was also modeled at eight feet. As can be seen in **Figure 4.11** below, because both pre-construction and post-construction field readings were taken at the Lima, Ohio vinyl noise wall site, the "No Wall" scenario could be compared between the modeled noise levels and the field reading levels, in addition to comparing the modeled concrete noise wall noise levels and the vinyl noise wall field reading noise levels. The results show that the two "No Wall" scenarios are similar and are within +/-3.0 dBA for all of the noise meters except for Noise Meter E. For the concrete-vinyl noise wall comparisons, Noise Meter A was calibrated within 0.1 dBA. Under these parameters, the model's predictions for the concrete noise wall shows a greater Noise Meter A to B noise reduction (14.2 dBA) than does the vinyl noise wall (13.5 dBA). The reduction difference is 0.7 dBA between the concrete and vinyl noise walls, which is a smaller difference than observed in the aggregate analysis (4.2 dBA). When applying the vinyl performance coefficient of 0.76, developed for this site during the aggregate analysis, to these modeled concrete noise wall results, the equivalent Noise Meter A to B reduction for the vinyl noise wall would be 10.8 dBA instead of 13.5 dBA. In addition, as can be seen in the No Wall results comparison, TNM overpredicted noise levels by an average of 2.7 dBA. From these results, a "modeled" vinyl performance coefficient was calculated at 0.95, which is much higher than the 0.76 coefficient calculated for the aggregate analysis.

Figure 4.11: Lima, Ohio Modeled Noise Reduction Comparisons

Meter	No Wall (Model)	No Wall (Pre-Construction Noise Readings)	8-Foot Vinyl Noise Wall (Post-Construction Readings)	8-Foot Concrete Noise Wall (Model)
Average L_{eq} at Meter A (dBA)	77.0	76.9	77.1	77.0
Average L_{eq} at Meter B (dBA)	74.4	72.7	63.6	62.8
Average L_{eq} at Meter C (dBA)	72.3	69.3	65.4	65.9
Average L_{eq} at Meter D (dBA)	70.6	68.5	65.8	65.6
Average L_{eq} at Meter E (dBA)	67.3	61.0	62.4	65.3
Average Meter A-B Reduction (dBA)	2.6	4.2	13.5	14.2
Average Meter A-C Reduction (dBA)	4.7	7.5	19.4	11.1
Average Meter A-D Reduction (dBA)	6.4	8.3	11.3	11.4
Average Meter A-E Reduction (dBA)	9.7	15.9	14.6	11.7
Lima, Ohio "Modeled" Vinyl Performance Coefficient				0.95



It is important to note that the percentage of trucks along I-75 in this area is quite high at 35 to 38 percent. TNM 2.5 can overpredict noise levels because the software attributes 60 percent of all traffic noise produced by heavy trucks at 12 feet high; however, there is actually little to no noise produced by heavy trucks at 12 feet in height. ODOT Office of Environmental Services (OES) is conducting on-going field studies to document the presence of heavy truck exhaust stacks statewide. So far, approximately 15,000 heavy trucks have been counted by ODOT OES on freeways between December 2021 and May 2022. The results show that only 35 to 40 percent of the heavy trucks counted have had at least one vertical stack, which means that 60 to 65 percent of the heavy trucks have not had a stack noise source. FHWA’s Traffic Noise Model (TNM) assumes that 60 percent of all heavy trucks have a noise source emanating from the top of a 12-foot exhaust stack; therefore, TNM appears to be overrepresenting heavy truck noise. The ODOT OES field study is on-going, but in applying the preliminary results to this study, the high percentages of heavy trucks at the Lima, Ohio site may be resulting in an over-prediction of the TNM modeled results.

Richmond, Virginia Predictive Analysis

The Richmond, Virginia vinyl privacy fence was constructed at a height of 12 feet, so the concrete noise wall height was also modeled at 12 feet. As shown in **Figure 4.12**, the modeled concrete noise wall was compared to the vinyl privacy fence reading noise levels. The results show that Noise Meter A was calibrated within 2.0 dBA, well within the +/-3.0 dBA. Under these parameters, the model’s predictions for the concrete noise wall shows a greater Noise Meter A to B noise reduction (16.4 dBA) than does the vinyl privacy fence (13.0 dBA). The noise reduction difference of 3.4 dBA is smaller than observed in the aggregate analysis (3.8 dBA). When applying the vinyl performance coefficient of 0.77, developed for this site during the aggregate analysis, to these modeled concrete noise wall results, the equivalent Noise Meter A to B reduction for the vinyl privacy fence would be 12.6 dBA instead of 13.0 dBA. From these results, a “modeled” vinyl performance coefficient was calculated at 0.80, which is higher than the 0.77 coefficient calculated for the aggregate analysis. It is also important to note that for this site, the modeled levels were overall less than the measured levels; hence, the modeled reductions were overall greater than the measured reductions.

Figure 4.12: Richmond, Virginia Modeled Noise Reduction Comparisons

Meter	No Wall (Model)	No Wall (Noise Readings)	12-Foot Vinyl Privacy Fence (Noise Readings)	12-Foot Concrete Noise Wall (Model)
Average L_{eq} at Meter A (dBA)	82.1	-	84.1	82.1
Average L_{eq} at Meter B (dBA)	81.9	-	71.2	65.7
Average L_{eq} at Meter C (dBA)	79.4	-	70.8	66.9
Average L_{eq} at Meter D (dBA)	75.8	-	68.6	65.4
Average L_{eq} at Meter E (dBA)	70.7	-	64.2	64.1
Average Meter A-B Reduction (dBA)	0.2	-	13.0	16.4
Average Meter A-C Reduction (dBA)	2.7	-	13.3	15.2
Average Meter A-D Reduction (dBA)	6.3	-	15.6	16.7
Average Meter A-E Reduction (dBA)	11.4	-	19.9	18.0
Richmond, Virginia “Modeled” Vinyl Performance Coefficient				0.80



Green, Ohio Predictive Analysis

The Green, Ohio vinyl fence was constructed at a height of seven feet, so the concrete noise wall height was also modeled at seven feet. As shown in Figure 4.13, the modeled concrete noise wall was compared to the vinyl fence reading noise levels. The results show that Noise Meter A was calibrated within 0.4 dBA, well within +/-3.0 dBA. Under these parameters, the model’s predictions for the concrete noise wall shows a greater Noise Meter A to B noise reduction (12.9 dBA) than does the vinyl fence (9.9 dBA). Comparison with the aggregate analysis could not be performed because an equivalent concrete noise wall was not present for this site. In addition, this vinyl fence is made of a different vinyl material (Tahoe II) than the Lima, Ohio and Richmond, Virginia vinyl material (Simulated Stone). Therefore, the vinyl performance coefficient of 0.76 to 0.77 as calculated for the other sites in the aggregate analysis is not appropriate for this location. From these results, a “modeled” vinyl performance coefficient was calculated at 0.77. It cannot be compared to a vinyl performance coefficient from the aggregate analysis, but it can be used to estimate one. Because the “modeled” performance coefficients for the other two sites both trended higher by an average of 0.11, an approximate vinyl performance coefficient for the Green, Ohio vinyl fence was estimated to be 0.66 by subtracting 0.11 from the “modeled” coefficient of 0.77. This lower coefficient is expected given the aforementioned differences in the vinyl materials; however, further research should be performed on this material to refine this number with empirical data collected from field testing.

Figure 4.13: Green, Ohio Modeled Noise Reduction Comparisons

Meter	No Wall (Model)	No Wall (Noise Readings)	7-Foot Vinyl Fence (Noise Readings)	7-Foot Concrete Noise Wall (Model)
Average L_{eq} at Meter A (dBA)	77.0	77.5	77.4	77.0
Average L_{eq} at Meter B (dBA)	76.0	76.6	67.6	64.1
Average L_{eq} at Meter B' (dBA)	74.6	74.7	66.6	68.2
Average L_{eq} at Meter C (dBA)	72.8	72.0	67.3	69.1
Average Meter A-B Reduction (dBA)	1.0	0.9	9.9	12.9
Average Meter A-B' Reduction (dBA)	2.4	2.8	10.8	8.8
Average Meter A-C Reduction (dBA)	4.2	5.5	10.1	7.9
Green, Ohio “Modeled” Vinyl Performance Coefficient				0.77

Predictive Analysis Results Summary

In summary, these model results are broadly consistent and supportive with the findings from the empirical analyses. While the noise models are sensitive to the same specification issues that affect most models, the results are within the +/-3.0 dBA acceptable range.

Cost-Benefit Analysis

Cost-Benefit Analysis Methodology

For the final analysis, benefits related to the acoustic performance of different noise wall materials were identified and the material and installation costs of the vinyl and concrete noise walls were documented using data collected for this project and from the manufacturers. Then the costs per square feet were estimated and compared using data normalized for the year 2021. Lastly, non-quantifiable benefits and costs are discussed.



Cost-Benefit Analysis Results

Figure 4.14 illustrates the comparative and quantifiable acoustic benefits and costs of the different noise wall materials.

Figure 4.14: Cost-Benefit Comparison Table

Material	Vinyl Performance Coefficient	Sound Transmission Class ^d	Panel Thickness (inches)	Panel Material Thickness (inches)	Cost Per Square Foot (2021)
Standard Concrete ^a	1.00 (100%)	45 (100%)	4.0-6.0 (100%)	-	\$35 (100%)
Simulated Stone Vinyl (≤8 feet tall) ^b	0.76 (76%)	26 (58%)	2.0 (50%)	0.25	\$19 (54%)
Simulated Stone Vinyl (>8 feet tall) ^b	0.77 (77%)	26 (58%)	2.0 (50%)	0.25	\$26 (74%)
Tahoe II PVC Vinyl	[0.66 (66%)] ^c	-	0.875 (22%)	0.061	[\$14 (40%)] ^e
Augusta Vinyl	[0.66 (66%)] ^e	-	0.875 (22%)	0.061	\$14 (40%)

- a. The standard concrete material is set as the baseline (1.00/100 percent).
- b. Simulated Stone vinyl material ≤ eight feet in height allows for a less expensive vinyl post; walls that are > eight feet in height require a more expensive steel post.
- c. The vinyl performance coefficient for the Tahoe II vinyl material (Green, Ohio location) was estimated from a TNM model in the predictive analysis section; further research should be performed on this material to refine this number with empirical data collected from field testing.
- d. The current ODOT minimum STC is set at 30.
- e. Data not available, assumed an equivalence between Tahoe II & Augusta vinyl materials.

Acoustic Performance

The vinyl performance coefficient for Simulated Stone (the vinyl material used at the Lima, Ohio and Richmond, Virginia sites) was calculated at between 0.76 and 0.77. These coefficients mean that this vinyl material is 76 to 77 percent as effective at mitigating traffic noise as a standard concrete noise wall. In addition, the Tahoe II PVC (the vinyl material used at the Green, Ohio site) is estimated to be less effective than a standard concrete noise wall and the Simulated Stone vinyl material. The disaggregated minute-by-minute analyses and the TNM modeling predictive analyses supported these findings.

According to the literature search, the ODOT Bridge Design Manual (Section 805.1) states that the minimum accepted Sound Transmission Class (STC) for a reflective noise barrier is 30. The standard concrete wall exceeds the minimum at 45 and has a panel thickness of 4.0 to 6.0 inches; the Simulated Stone vinyl material is slightly less with an STC of 26 and a 2.0-inch panel thickness. The Tahoe II and Augusta vinyl materials do not have published STC data, but their panels are thinner than the others at 0.875 inch, so the STC is likely lower than 26. Therefore, the STC and panel thickness data support the vinyl performance coefficient results - standard concrete materials outperform the vinyl materials; the Simulated Stone vinyl material is close in performance to concrete, and the Tahoe II/Augusta vinyl materials have the lowest performance of all of the materials.



Materials and Installation Costs

The material and installation costs of vinyl and concrete noise walls were documented and compared. For concrete noise walls, the 2021 combined material and installation costs were estimated at \$35 per square foot (ODOT source). For vinyl materials, the Simulated Stone vinyl material and installation costs were estimated to cost less than the concrete material at \$19 per square foot for the shorter vinyl noise wall (Lima, Ohio, eight feet in height) and \$26 per square foot for the taller vinyl material (Richmond, Virginia, 12 feet in height). The Tahoe II PVC vinyl material and installation costs (Green, Ohio) were estimated at \$14 per square foot. When comparing the vinyl material costs to the concrete material costs, the cost of the vinyl materials are 54 percent (for Simulated Stone at eight feet tall or less), 74 percent (for Simulated Stone over eight feet tall), and 40 percent (for Tahoe II PVC) of the concrete materials cost. Already in 2022, costs have increased - at the time of publishing, ODOT indicated that the concrete noise wall cost estimates may be increasing to \$50 per square foot. That being the case, cost differences may be even greater depending on potential increases in material and installation for noise wall materials of all types.

This study found that vinyl noise walls can deliver 75% of the noise reduction performance of concrete noise walls for 50% to 75% of the cost.

Qualitative Factors

There are additional benefits and costs associated with noise wall materials that are not easily quantifiable but are still important factors to consider, especially because they may differ between the various noise wall materials. These factors have been identified through the literature searches and the findings of this project and include:

- Ease of construction/installation
- Aesthetics
- Construction time
- Cost of repairs
- Difficulty to make repairs
- Cost of maintenance
- Difficulty to maintain
- Availability of source materials
- Durability/longevity of materials
- Strength/wind load resistance of materials
- Environmental impacts of source materials, manufacturing, and installation

Preliminary findings from this study indicate that vinyl noise walls are quicker and simpler to install and easier to repair and maintain, whereas standard concrete noise walls are more durable and can resist higher wind loads. Related to aesthetics, the Simulated Stone vinyl noise walls can be manufactured with different colors and textured to look similar to concrete noise walls. The Tahoe II vinyl material comes in several colors but only one texture, and the Augusta vinyl material only comes in white with one texture - both of these materials look like privacy fences. Potential environmental impacts were outside the scope of the study and are currently unknown. All of these qualitative factors may warrant additional study.

CHAPTER 5

Recommendations & Conclusions

Acoustic Effectiveness of Vinyl Noise Walls

“Effectiveness” is the degree to which something is successful in producing a desired result. For this project, the research team studied vinyl noise walls to determine if they are effective in mitigating traffic noise, especially when compared to standard concrete noise walls. When considering ODOT’s feasibility and reasonableness tests for their Type I and Type II noise programs, the effectiveness determination has two parts. First is feasibility - how well do the vinyl materials perform acoustically, i.e., are they mitigating noise enough based on ODOT requirements; and second, how feasible is it to install vinyl noise walls, i.e., are they cost effective and constructable based on ODOT requirements.

Feasibility

The study results for acoustic performance were discussed in the previous chapter. In summary, the Simulated Stone vinyl noise walls mitigate traffic noise almost as effectively as standard concrete noise walls, with similar results for the Tahoe II PVC vinyl noise wall, in spite of having STCs lower than the ODOT minimum (or undefined). Therefore, with this high level of acoustic performance, it is likely that these vinyl noise wall materials could meet ODOT’s feasibility requirements for some noise sensitive areas but probably not as many areas as for concrete noise walls.

Reasonableness

The study results for material and install costs were also discussed in the previous chapter. In summary, vinyl noise walls are substantially less expensive to purchase and install than concrete noise walls; however, there are some constructability concerns and lower durability expectations that should be factored into the reasonableness considerations. The constructability concerns are documented and troubleshooted in this chapter. The recommendations to address these concerns may increase the cost of vinyl noise walls, but they will still be less expensive than standard concrete noise walls. Because vinyl materials may be less durable over the long-term than concrete materials but easier and less expensive to repair, durability may or may not be a concern and should be considered further.

Aesthetics

The literature search evaluated the aesthetics of the different vinyl materials. The Simulated Stone vinyl noise walls can look similar to concrete noise walls, but the other two vinyl materials (Tahoe II and Augusta) look like privacy fences. In addition, the Simulated Stone and Tahoe II vinyl noise walls have post caps, but the August vinyl material does not.

Finding

Factoring in the discussion on the feasibility and reasonableness factors and aesthetics, the results indicate that vinyl noise walls are an attractive and effective option for mitigating the impacts of traffic noise.

Vinyl Noise Wall Types & Suppliers

Two vinyl materials were studied as a part of this research project, Simulated Stone from Vinyl Fence Wholesaler and Tahoe II PVC from Veka Outdoor Living Products. In addition, the Augusta vinyl material from Weatherables and Home Depot was considered as a similar vinyl material to the Tahoe II material. The Simulated Stone vinyl material had enough information available



from the manufacturer to be evaluated against ODOT’s noise wall standards, but the other two materials did not. Therefore, for possible incorporation into ODOT’s approved noise wall types and suppliers list, the Simulated Stone supplier information and information on related drawings and notes is provided in Figure 5.1. See Appendix C for the drawings and installation instructions provided by the manufacturer. The suppliers of the other two materials would need to provide further information to be considered.

Figure 5.1: Simulated Stone Vinyl Fence Noise Wall Material and Supplier

Type	Supplier	Drawings & Notes
Vinyl	Vinyl Fence Wholesaler 14607 Felton Ct. St. Paul Minnesota 55124 Telephone: (507) 206-4154 www.vinylfenceanddeck.com	Simulated Stone Privacy Fence 8ft Tall x 8ft Wide Sections (5/1/2015) Simulated Stone Privacy Fence 12ft Tall x 8ft Wide Sections (5/1/2015) Simulated Stone Privacy Fence 12ft Tall x 6ft Wide Sections (5/1/2015) Simulated Stone Privacy Fence 16ft Tall x 8ft Wide Sections (5/1/2015) Simulated Stone Privacy Fence Installation Instructions

Vinyl Noise Wall Construction Recommendations

Vinyl Noise Wall Damage

In mid-December 2021, ODOT District 1 personnel in Lima, Ohio noticed that the vinyl noise wall constructed for the project had suffered some damage. Upon inspection by the research team and ODOT staff, it was discovered that three posts on the southern end of the wall had moved out of plumb. The movement of the posts most likely dislodged the top two thirds of the upper panel at the south end of the wall. The upper panel was left supported by only the bottom one third between the posts. The top panel folded to a horizontal position. The bottom panel was left undisturbed (see Appendix K for photos).

The cause of this damage was initially unclear. The first assumption was that the wind event (50 mph wind gusts) that occurred on December 11, 2021, followed by light snowfall and freezing temperatures (19°F), was the cause of the damage. The research team worked to definitively identify the cause of the posts and panel movement through meetings and site visits. The points highlighted during the meetings included:

- A wind event and light snowfall are unlikely to have caused the damage since the walls are rated to withstand greater wind loads and more extreme temperatures.
- Typical damages seen have been caused by an object striking the wall at ground level.
- There could have been possible impact to the wall by heavy equipment.
- There could be loose or poorly compacted soil near the southern end of the wall.

The construction contractor who installed the vinyl noise wall was consulted for additional input, trouble-shooting, and past knowledge of this type of vinyl material. The contractor reported that he had not seen this type of damage before in his experience. He has constructed approximately 100 vinyl noise walls using the Simulated Stone material. Additionally, he has been constructing these walls for six years all over the east coast and northeastern U.S. The research team then reached out to owners of existing vinyl noise walls around the U.S. that were constructed of the same Simulated Stone vinyl materials to determine if the walls in those



locations suffered from similar damages or structural issues. Overall, the responses indicated that the Lima, Ohio wall damage was unusual and unique. The questions asked and the responses received from these representatives are summarized in **Appendix K**.

In April 2022, the research team, construction contractor, and ODOT staff visited the site to continue to diagnose the issues and work to repair the noise wall. During the repair work, the cause of the damage was identified after the excavation and repair of the post foundations. **Appendix K** provides the photolog of the damages observed as well as the detailed report on noted observations. There were two causes of panel and post damages that were identified. First, during the excavation of the posts, the soil was found saturated well below the ground level, indicating poor soil conditions and explaining the post/foundation movement. Second, the dislodged and damaged panel was found to not have a steel reinforcement bar in the top portion of the panel. There was steel reinforcement in the bottom portion of the panel which kept it from blowing out completely. The missing steel reinforcement was not discovered during construction. It was the last panel installed. Following these observations, the wall manufacturer and construction contractor were consulted again to determine the specific construction and design practices that need to be implemented to help avoid these challenges in the future. The wall manufacturer stated to “use a slightly larger footer with pea gravel in base of hole to allow water to drain away from the posts. Most likely when the post shifted this allowed the panel to dislodge during the storm.” And the construction contractor said “have larger foundations when poor soil is found.” Their recommendations are incorporated in the next section on construction best practices.

Vinyl Noise Wall Construction Best Practices

Items were noted during construction that could improve the construction process and address the challenges that occurred at the Lima, Ohio site. They are detailed below and are organized by equipment, material, process, and manufacturer improvements.

Construction Equipment Best Practices

Here are the recommended best practices related to equipment:

- **Rentals:** The bobcat, skid steer, and auger were rented by the contractor. Renting equipment has its benefits in reducing maintenance and transportation costs, however the drawbacks of renting equipment include personnel unfamiliarity with the equipment and reliability on another company to deliver the appropriate equipment. It is recommended to ensure that the personnel operating equipment are not only familiar with the machinery, but to also confirm that the appropriate equipment is on site as soon as it arrives (e.g., size of auger).
- **Watering:** The contractor obtained their water from a hose at the on-site garage, filled their buckets with water, and carried the buckets to the holes as needed to mix concrete in the post holes. An improvement to this process would be to have an on-site mobile water tank to minimize the time needed to obtain water and place it in the hole for concrete mixing.
- **Concrete Mixing:** Consider mixing the concrete before placing it into the hole to provide more uniformity.
- **Tools:** Placing the brackets in their permanent location was not easily accomplished with the drills used. Having an extended drill bit to more readily access and install the bracket would aid in efficiency.
- **Safety:** Should the vinyl noise wall height exceed eight feet, it is recommended that the installers use equipment other than conventional step ladders as an increased safety measure.



Construction Material Best Practices

Here are the recommended best practices related to material:

- **Panel storage:** It was learned after the panels were delivered on site that the material reacts to temperature. When exposed to extreme heat, the panels will expand and may be difficult to install properly. Installing the panels while they are expanded could create unforeseen gapping after they have contracted in the cooler temperatures. It is recommended to store the panels in the shade or in cooler temperatures, if feasible.
- **Herbicide:** It is understood that herbicide is often used along ODOT right-of-way to maintain vegetation. The effects of herbicide on the vinyl noise wall are unknown at this time. It is recommended to monitor any potential effects to the vinyl noise wall from herbicide application if it is anticipated to be applied near or along the walls.
- **Temperature:** We are aware that heat does have an impact on the vinyl material, causing it to expand. We recommend monitoring the walls during the freeze/thaw periods typical to an Ohio winter to see if there are any notable impacts to the materials from these conditions.
- **Salt:** It is understood that steel noise walls encounter material issues when salt spray is applied on ODOT right-of-way. It is recommended to monitor the effects on the vinyl material with salt spray applications.

Construction Process Best Practices

Here are the recommended best practices related to the process:

- **String line:** It is recommended to install a string line to follow prior to beginning construction activities. The string line not only provides a guide for the installers, but allows the full on-site construction team to visualize and confirm the location of the wall prior to its installation.
- **Panel brackets:** The fence posts arrived with brackets on their feet. These brackets should be removed immediately and placed in a single location to avoid misplacing any brackets. Removing all brackets immediately also prevents any brackets from being potentially set and poured into the footing.
- **Panel Direction:** Each panel has a 4-inch and a 2-inch border along the 8-foot edge of the panel. The 2-inch edge of the bottom panel should butt against the 2-inch edge of the top panel when they are erected, per the specification. At times, this will require flipping the panels before they are placed within the posts. This is significant because the manufacturer's mold of the panel differs along the two edges; the 2-inch border edge is flatter while the 4-inch border edge is slightly curved. Butting the flat ends next to each other should reduce potential gapping. This should also be completed for aesthetic purposes.
- **Hole placement:** Pre-digging all of the post holes may be more time efficient, but this could compromise the quality of the installation and therefore the effectiveness of the wall. It is recommended to dig the holes and erect each panel section individually to ensure the post distances are set properly and the panels are installed as tightly together as possible.
- **Soil spoils:** There were spoils remaining from the post holes. It is recommended to keep this soil on-site and use it to backfill any gaps that may exist between the ground and the bottom of the wall.



- **Wall height:** Due to ground elevation changes, there were times that the post cap would not have enough room to fit on the post, and the panels had to be readjusted to allow room. It is recommended to account for the height of the next panel when setting posts to ensure the post will be tall enough for the cap to fit.
- **Level ground:** The top of the panels and posts could be held more consistent if the ground line under the bottom of the panels were trenched 4-inches to 6-inches deep prior to drilling post holes. This process would also produce soil spoils that could be used as additional backfill to fill gaps between the bottom of the wall and the ground.
- **Equipment:** Implementing more machinery to erect the panels could be more efficient, safer, and reduce the number of construction personnel needed to install the wall. It is recommended to investigate and identify further machinery options that could be readily available to aid in the panel erection process.
- **Soil testing:** Although the Simulated Stone manufacturer specifications do not include soil testing, ODOT presently has a requirement to perform “a subsurface investigation” where noise barriers are expected to be built “in accordance with the most current revision of the ODOT Specifications for Geotechnical Explorations.” This requirement should be applied to vinyl noise walls, too.
- **Inspections:** Conduct regular inspections and quality checks on any constructed vinyl noise walls, especially the existing vinyl noise wall in Lima, Ohio, to document and troubleshoot unanticipated issues.

Manufacturer Improvements

Here are the recommended best practices related to manufacturer improvements:

- **Minimize gaps:** Gaps existed throughout the horizontal center line of the wall between the top and bottom panels. A solution was considered to potentially add rubber strips or caulking to seal these gaps, but there is hesitation about adding another construction site step and need for maintenance. To minimize gaping, it is recommended to explore a tongue and groove fit for the top and bottom panels with the manufacturer.
- **Panel Edges:** The edges of the panels had burs left over from the manufacturing process. Several times, these burs had to be removed in the field to create a better fit between upper and lower panels. This process added time to the construction process. Specifying burs to be removed as a quality control measure at the manufacturer’s level could increase installation efficiency.
- **Metal Brackets:** The brackets that support the ends of the panels in the web of the posts have to be attached by hand with self-tapping screws. These screws could be better designed to cut into the metal reinforcing more quickly, thereby shortening the time to install the brackets.
- **Post Caps:** Post caps are designed to be installed with a friction fit. It has been observed on other sites that caps are susceptible to displacement due to wind or vibration. It is recommended to explore other attachment methods, such as mechanical (screws) for the caps or using an adhesive to better hold the caps.
- **Wooden blocks:** Wooden blocks were used to support the ends of the steel reinforcement within the panels. It is suspected that these were added for additional support during transit but it is recommended to clarify the intent of these wooden blocks with the manufacturer.



Ideal Sites for Vinyl Noise Walls

The site selection criteria and the findings observed during the process were discussed in **Chapter 3: Acoustic Field Testing**. This information helped to formulate the ideal site conditions recommended for the construction of a vinyl noise wall, which are identified below:

- **Terrain:** the vinyl noise wall should be installed on relatively flat terrain.
- **Obstructions:** the property should be free of sizeable obstructions on the surface, underground, and above-ground (i.e., buildings, large trees and brush, heavy equipment, manholes, sewage outflow pipes, electric utilities, etc., for accessibility and constructability).
- **Sight Lines:** the noise wall location should not interfere with the sight lines of motorists.
- **Right-of-Way Fence Proximity:** sufficient space should be provided between the noise wall and the right-of-way fence for regular maintenance.
- **Roadway Proximity:** the noise wall should not be constructed close to a roadway to prevent roadway debris (and plowed snow) from damaging the noise wall. However, the vinyl privacy fence in Richmond, Virginia was constructed at the edge of shoulder (EOS) behind guardrail about nine years ago and still appears to be in good condition. Based on this, ODOT may consider constructing a vinyl fence at the EOS.
- **Soils and Ground Conditions:** The vinyl noise wall should not be constructed in sandy soil with high water content, as determined by soil testing prior to construction.
- **Feasible and Reasonable:** If other ideal site conditions are met, and the vinyl noise wall is feasible and reasonable but the concrete noise wall is not, then the vinyl noise wall should be considered as a noise mitigation option if appropriate funding is available.

Conclusions & Potential Applications

For this study, the acoustic and overall benefits of using vinyl materials for noise mitigation were evaluated. The results of the research can be used to guide future noise mitigation implementation strategies because it offers ODOT a better understanding of available vinyl materials and the feasibility of the products to be used for noise abatement. In the future, there is a possibility of offering more Ohio communities less costly noise mitigation options, thus providing noise mitigation to more people while saving taxpayer dollars. As a result, the end users of this research could include state DOTs, engineers, planners, and environmental specialists across the U.S. who are interested in more noise mitigation options.

Looking ahead, further research would be beneficial to address the questions that could not be answered under the scope of the study. For example, testing could be conducted to determine the STCs for the Tahoe II and August vinyl materials. In addition, it could be useful to research the comparative life cycle impacts on the environment between the vinyl and concrete materials. Lastly, it would be beneficial to continue to study the vinyl noise wall constructed in Lima, Ohio to monitor its continued performance and durability. In addition, it could also be beneficial to install additional vinyl noise walls in different locations and made from different materials in order to implement and test the construction recommendations. Lastly, it would be very helpful if TNM could model different noise wall materials, so additional research could be performed to the degree to which vinyl material could be an option in TNM. As part of the potential applications, ODOT could also consider officially integrating vinyl noise walls into its noise program in one of four ways:



- 1. Integrated into Existing Programs:** First, ODOT could approve the Simulated Stone vinyl material, update the Bridge Design Manual to permit vinyl materials meeting certain standards, and then offer vinyl noise walls as an option in the Type I and II programs, just with a lower cost per square foot but also a factor to reduce the acoustic effectiveness at receivers by 75 to 80 percent; however, consideration of the more effective concrete noise walls should still be given the priority before vinyl noise walls.
- 2. New Program:** Second, ODOT could develop a new noise wall program that is separate from the Type I and II programs but supplements those programs. A possible new noise wall program could function as a second chance for noise sensitive areas that do not qualify under the Type I and II programs for a wall. Funds would need to be set aside for this new program.
- 3. Information Provider:** Third, ODOT could choose to simply offer vinyl material information for noise mitigation as an option for local communities and neighborhoods to consider for themselves if they do not qualify for the Type I or II programs.
- 4. Special Project:** Fourth, ODOT can elect to use a vinyl fence noise wall on a case-by-case basis for a Type I or II project.

APPENDICES

APPENDIX A

References



Reference List

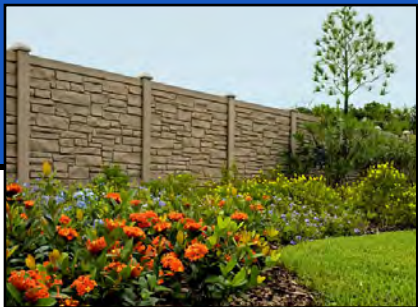
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APPENDIX B

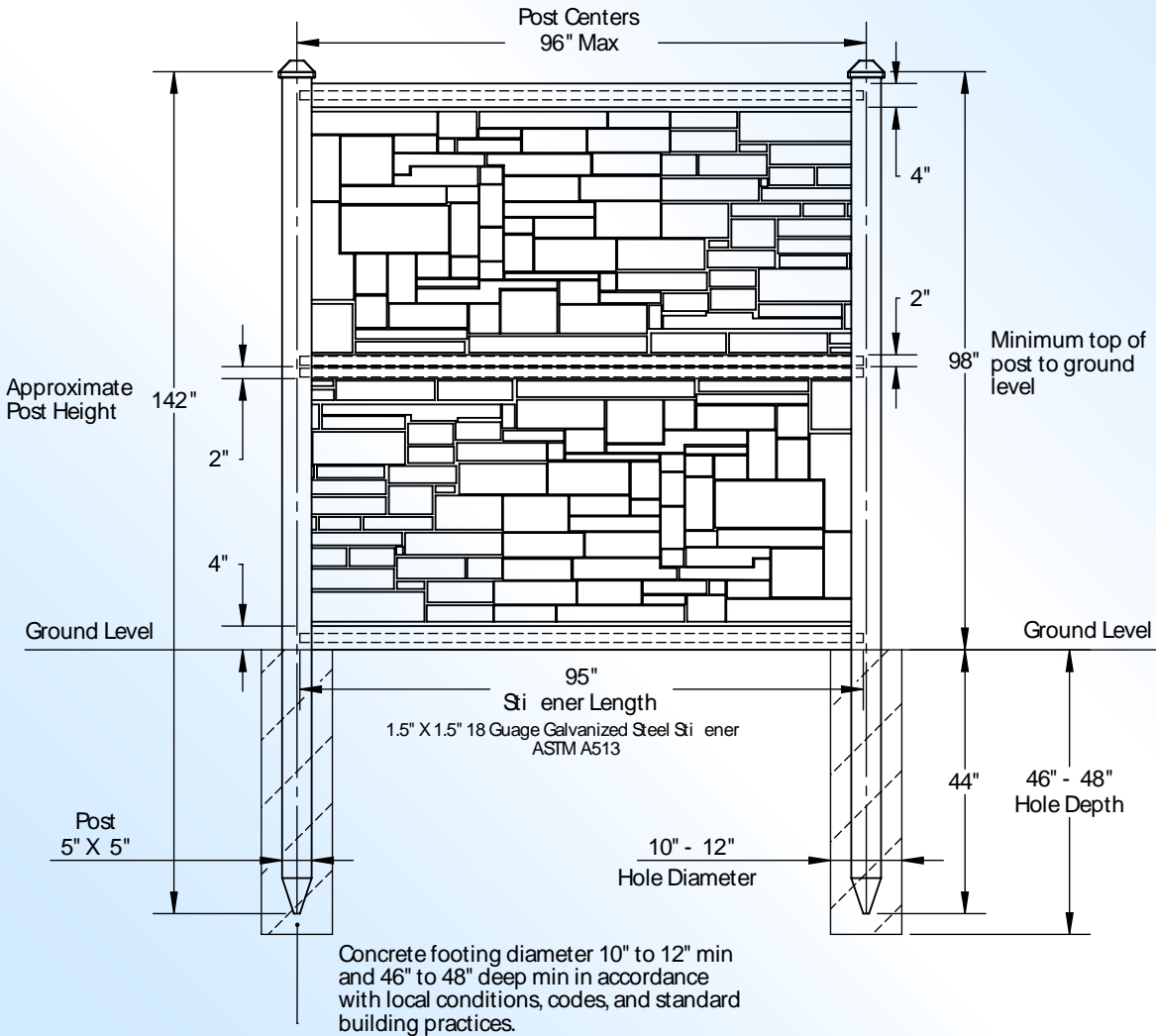
Vinyl Noise Wall Specifications



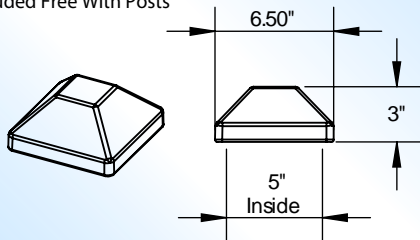
VINYL FENCE WHOLESALER

Technical Specifications - Simulated Stone Privacy Fence

8' Tall x 8' Wide Sections

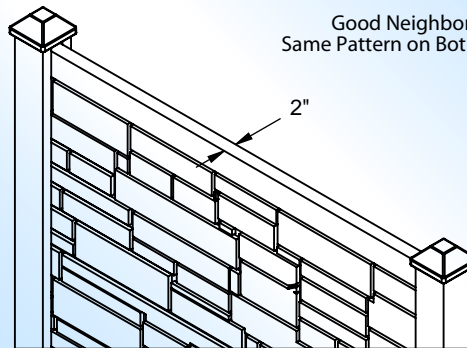


Post Cap Details
Caps Included Free With Posts



© 2018, Vinyl Fence Wholesaler, All Rights Reserved
Phone: (507) 206-4154 - Website: www.vinylfenceanddeck.com

Good Neighbor Fence
Same Pattern on Both Sides



Model #:FP96X96

This drawing may not be altered or reproduced without the permission of Vinyl Fence Wholesaler

Date: May 1, 2015

Scale: not to scale

REV: A Gleason

Sheet 1 of 1

U.S. Patents: 7,478,797 / 7,635,114 Foreign Patents Pending



Website: www.vinylfenceanddeck.com
Phone: (507) 206-4154



**ASTM E 90 SOUND TRANSMISSION LOSS
TEST REPORT**

Rendered to:

SIMTEK™ FENCE

SERIES/MODEL: Simtek 8-Foot Wall

TYPE: Privacy Fence

Summary of Test Results			
Data File No.	Description (Nominal Dimensions)	STC	OITC
89608.01	Simtek 8-foot wall, simulated rock wall, 8' by 8' privacy fence section	26	20

Reference should be made to Architectural Testing, Inc. Report No. 89608.01-113-11 for complete test specimen description. The complete test results are listed in Appendix B.

130 Derry Court
York, PA 17406-8405
phone: 717-764-7700
fax: 717-764-4129
www.archtest.com



ACOUSTICAL PERFORMANCE TEST REPORT

Rendered to:

SIMTEK™ FENCE
1330 West 400 North
Orem, Utah 84057

Report No: 89608.01-113-11
Test Date: 03/03/09
Report Date: 03/10/09
Expiration Date: 03/03/13

Test Sample Identification:

Series/Model: Simtek 8-Foot Wall

Type: Privacy Fence

Overall Size: 96" by 96"

Material: Polyethylene

Pattern: Simulated Rock Wall

Project Scope: Architectural Testing, Inc. was contracted by SimTek™ Fence to conduct a sound transmission loss test on a Series/Model Simtek 8-foot wall, privacy fence. A summary of the results is listed in the Test Results section and the complete test data is included as Appendix B of this report. The sample was provided by the client.

Test Methods: The acoustical tests were conducted in accordance with the following:

ASTM E 90-04, Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions.

ASTM E 413-04, Classification for Rating Sound Insulation.

ASTM E 1332-90 (Re-approved 2003), Standard Classification for Determination of Outdoor-Indoor Transmission Class.

ASTM E 2235-04, Standard Test Method for Determination of Decay Rates for Use in Sound Insulation Test Methods.

Test Equipment: The equipment used to conduct these tests meets the requirements of ASTM E 90. The microphones were calibrated before conducting sound transmission loss tests. The test equipment and test chamber descriptions are listed in Appendix A.

Sample Installation: Sound transmission loss tests were initially performed on a filler wall that was designed to test 96" by 96" specimens. The filler wall achieved an STC rating of 68.

The 96" by 96" plug was removed from the filler wall assembly. The privacy fence was placed on a foam isolation pad in the test opening. Duct seal was used to seal the perimeter of the privacy fence to the test opening on both sides. The interior side of the privacy fence, when installed, was approximately 1/4" from being flush with the receiving room side of the filler wall. A stethoscope was used to check for any abnormal air leaks around the test specimen prior to testing.

Test Procedure: The sound transmission loss test consisted of the following measurements: One background noise sound pressure level and five sound absorption measurements were conducted at each of the five microphone positions. Two sound pressure level measurements were made simultaneously in both rooms, at each of the five microphone positions. The air temperature and relative humidity conditions were monitored and recorded during the background, absorption, source, and receive room measurements.

Sample Descriptions: A polyethylene fence section measuring 96" by 96" was tested. SimTek™ Fence provided all test materials, and the test specimen did not arrive assembled. Two horizontal sections were installed between two end posts.

Each horizontal section was 89-7/8" wide by 48" high and approximately 2" thick. Both horizontal sections were hollow-molded polyethylene with an 18 gauge thick, 1-1/2" by 1-1/2" hollow steel stiffener in the top and bottom rails.

The two polyethylene end posts were a nominal 5" by 5" by 96", C-channel shape. Each post was filled with recycled polyethylene and had a 14 gauge, 2" by 3" hollow steel reinforcement channel. The vertical sections were stacked and inserted into both C-channel shaped end posts.

Comments: The weight of the sample was 188 lbs. The client did not supply drawings on the Series/Model Simtek 8-foot wall, privacy fence. The test specimen was returned per the client's request. Photographs of the test specimen are included in Appendix C.

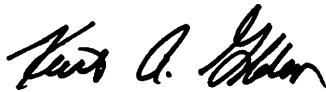
Test Results: The STC (Sound Transmission Class) rating was calculated in accordance with ASTM E 413. The OITC (Outdoor-Indoor Transmission Class) was calculated in accordance with ASTM E 1332. A summary of the sound transmission loss test results on the Series/Model Simtek 8-foot wall, privacy fence is listed below.

Summary of Test Results			
Data File No.	Description (Nominal Dimensions)	STC	OITC
89608.01	Simtek 8-foot wall, simulated rock wall, 8' by 8' privacy fence section	26	20

The complete test results are listed in Appendix B. Flanking limit tests and reference specimen tests are available upon request.

Detailed drawings, data sheets, representative samples of test specimens, a copy of this report, or other pertinent project documentation will be retained by Architectural Testing for a period of four years from the original test date. At the end of this retention period, such materials shall be discarded without notice and the service life of this report will expire. Results obtained are tested values and were secured by using the designated test methods. This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. It is the exclusive property of the client so named herein and relates only to the specimen tested. This report may not be reproduced, except in full, without the written approval of Architectural Testing.

For ARCHITECTURAL TESTING, INC:



Digitally Signed by: Kurt A. Golden

Kurt A. Golden
Senior Technician - Acoustical Testing




Digitally Signed by: Todd D. Kister

Todd D. Kister
Laboratory Supervisor - Acoustical Testing

KAG:jmcs

Attachments (pages): This report is complete only when all attachments listed are included.

- Appendix-A: Equipment description (1)
- Appendix-B: Complete test results (2)
- Appendix-C: Photographs (1)

 <p>ACCREDITED</p>	<p>Architectural Testing, Inc., is accredited by the International Accreditation Service, Inc. (IAS) under the specific test methods listed under lab code TL-144, in accordance with the recognized International Standard ISO/IEC 17025:2005. The laboratory's accreditation or test report in no way constitutes or implies product certification, approval, or endorsement by IAS. This test report applies only to the specimen that was tested.</p>
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Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	03/10/09	N/A	Original Report Issue

Appendix A

Instrumentation:

Instrument	Manufacturer	Model	Description	ATI Number
Analyzer	Agilent Technologies	35670A	Dynamic signal analyzer	Y002929
Receive Room Microphone	G.R.A.S.	40AR	1/2", pressure type, condenser microphone	Y003246
Source Room Microphone	G.R.A.S.	40AR	1/2", pressure type, condenser microphone	Y003245
Receive Room Preamp	G.R.A.S.	26AK	1/2" preamplifier	Y003249
Source Room Preamp	G.R.A.S.	26AK	1/2" preamplifier	Y003248
Microphone Calibrator	Bruel & Kjaer	4228	Pistonphone calibrator	Y002816
Noise Source	Delta Electronics	SNG-1	Two, uncorrelated "Pink" noise signals	Y002181
Equalizer	Rane	RPE228	Programmable EQ	Y002180
Power Amplifiers	Renkus-Heinz	P2000	Two Amplifiers	Y002179 Y001779
Receive Room Loudspeakers	Renkus-Heinz	Trap Jr/9"	Two Loudspeakers	Y001784 Y001785
Source Room Loudspeakers	Renkus-Heinz	Trap Jr/9"	Two Loudspeakers	Y002649 Y002650

Test Chamber:

	Volume	Description
Receiving Room	8291.3 ft ³ (234 m ³)	Rotating vane and stationary diffusers. Temperature and humidity controlled. Isolation pads under the floor.
Source Room	7296.3 ft ³ (206.6 m ³)	Stationary diffusers only. Temperature and humidity controlled.

	Maximum Size	Description
TL Test Opening	14 ft wide by 10 ft high	Vibration break between source and receive rooms.

Complete Test Results

Appendix B

Architectural Testing



89608.01-113-11



SOUND TRANSMISSION LOSS

ASTM E 90

Architectural Testing

ATI No.	89608.01	Date	03/03/09
Client	SimTek™ Fence		
Specimen	Series/Model: Simtek 8-foot wall, simulated rock wall, 8' by 8' privacy fence section		
Specimen Area	64.00 Sq Ft		
Filler Area	76.00 Sq Ft		
Operator	Kurt Golden		

	Bkgrd	Absorp	Source	Receive	Filler	Specimen
Temp F	71.2	70.9	71.7	71.1	71.8	71.2
RH %	44.1	44.6	45.1	44.3	42.9	44.5

Freq (Hz)	Bkgrd SPL (dB)	Absorp (Sabines /Sq Ft)	Source SPL (dB)	Receive SPL (dB)	Filler TL (dB)	Specimen TL (dB)	95% Conf Limit	No. of Deficiencies	Trans Coef Diff
80	40.3	55.5	83.9	70.8	47.1	14	2.04	0	32.6
100	39.3	50.6	87.9	74.3	47.9	15	2.27	0	32.5
125	41.5	51.7	91.8	77.4	55.1	15	2.01	0	39.0
160	39.3	56.3	94.5	80.8	55.3	14	1.22	0	40.4
200	38.3	57.5	98.6	84.5	54.5	15	0.60	1	39.1
250	36.8	63.6	99.1	85.0	57.0	14	0.96	5	42.1
315	36.1	69.1	98.0	81.1	57.5	17	0.78	5	40.1
400	34.4	74.6	97.6	78.7	62.5	18	0.81	7	43.6
500	34.0	69.5	99.1	77.2	66.0	22	0.36	4	43.7
630	32.2	65.0	101.8	76.3	67.0	25	0.45	2	40.8
800	35.2	63.5	101.2	72.0	70.6	29	0.38	0	40.6
1000	32.7	65.5	100.9	69.2	74.0	32	0.26	0	41.7
1250	32.4	72.7	104.0	71.3	75.3	32	0.53	0	42.4
1600	30.1	77.1	110.0	78.3	74.1	31	0.47	0	42.5
2000	21.2	83.3	105.3	74.0	72.3	30	0.22	0	41.3
2500	10.9	98.8	103.7	72.6	74.6	29	0.22	1	44.7
3150	11.6	114.4	104.3	73.2	80.2	29	0.44	1	50.9
4000	9.5	137.9	103.2	69.8	83.2	30	0.33	0	52.4
5000	7.8	176.6	101.4	64.8	86.2	32	0.46	0	53.3

STC Rating = 26 (Sound Transmission Class)
Deficiencies = 26 (Number of deficiencies versus contour curve)
OITC Rating = 20 (Outdoor/Indoor Transmission Class)

Notes:

- 1) The acoustical chambers are qualified for measurements down to 80 hertz. Data reported below 80 hertz is for reference only.
- 2) Transmission loss coefficient differences less than 6 indicate the lower limit of the transmission loss for this specimen. These cells are highlighted red.
- 3) Transmission loss coefficient differences between 6 and 15 indicate there has been a filler wall correction applied. These cells are highlighted green.
- 4) Receive Room levels less than 5dB above the Background levels are highlighted in yellow.

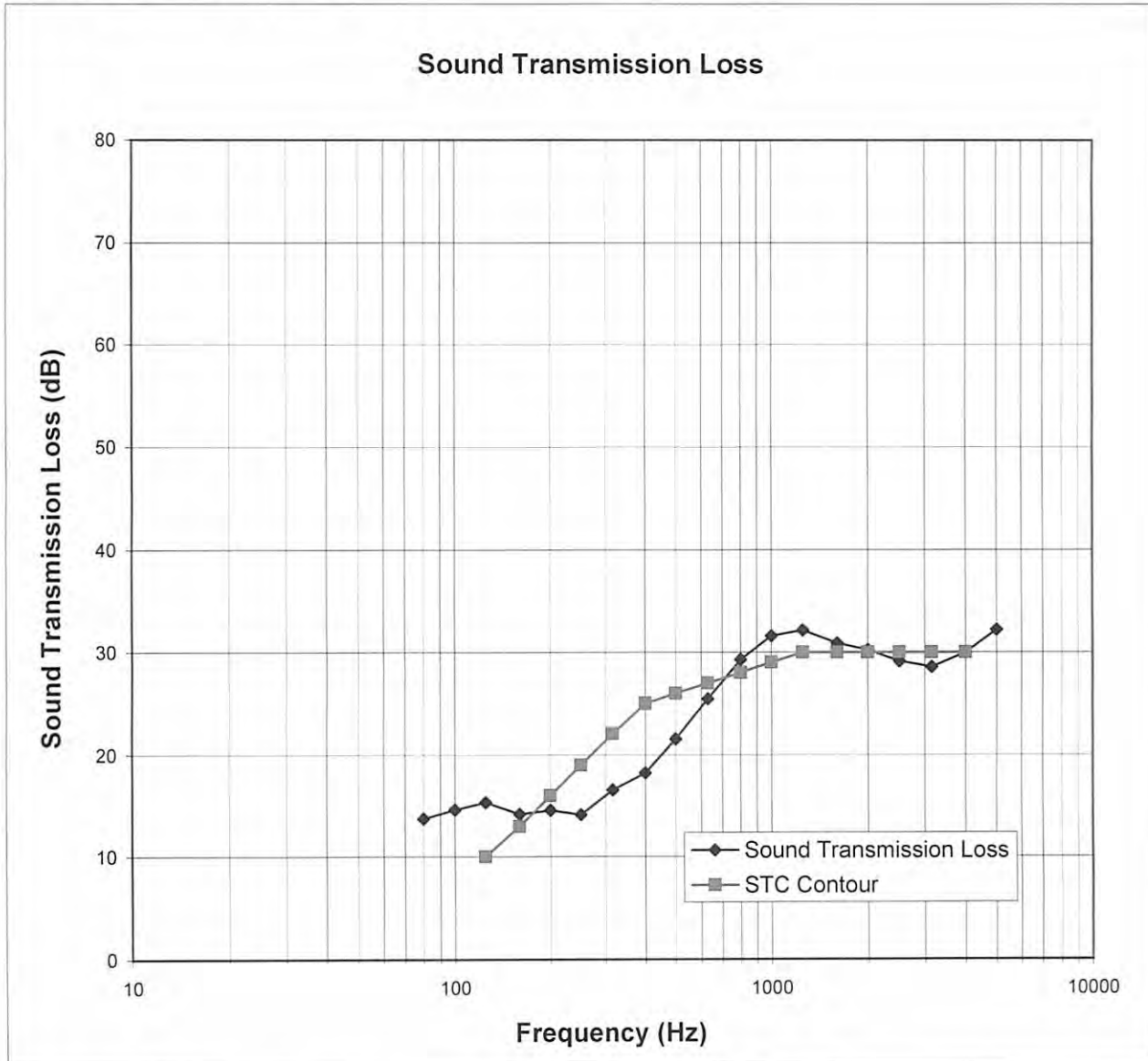


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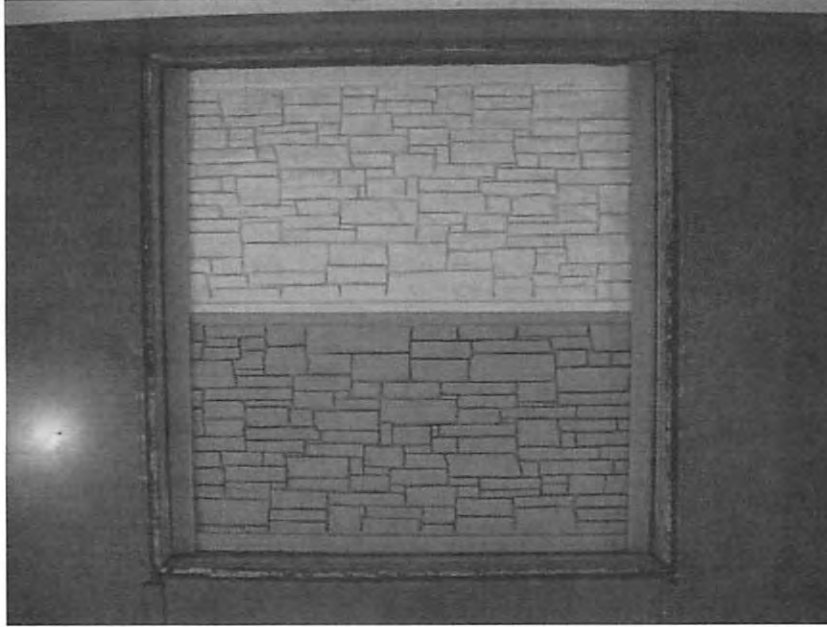
Architectural Testing

ATI No. 89608.01 Date 03/03/09
Client SimTek™ Fence
Specimen Series/Model: Simtek 8-foot wall, simulated rock wall, 8' by 8' privacy fence section
Specimen Area 64.00 Sq Ft
Filler Area 76.00 Sq Ft
Operator Kurt Golden

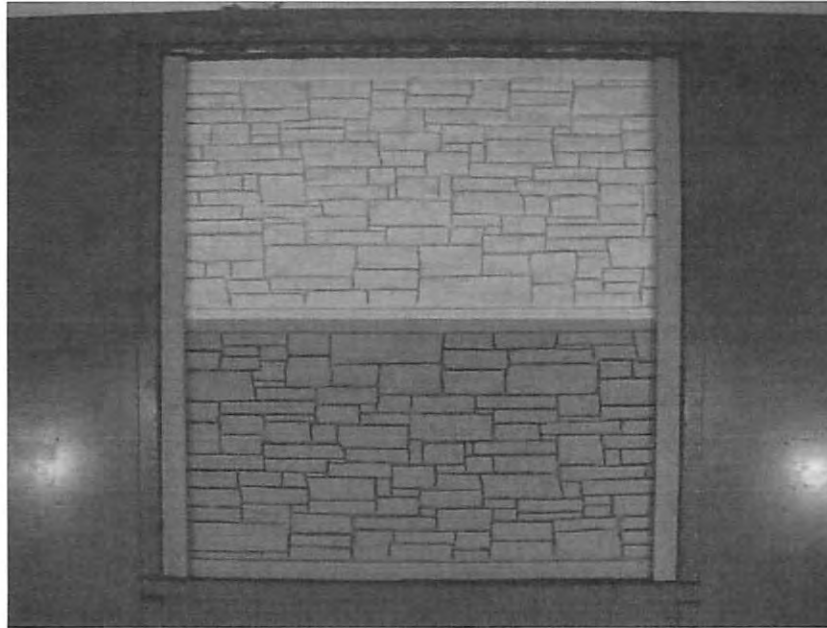


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Source Room View of Installed Specimen



Receive Room View of Installed Specimen



Photographs

Appendix C



Simulate Stone Material & Structural Specifications
Aurora, Illinois Site

Material and structural specifications of the 6 feet tall vinyl noise wall installed in Aurora, Illinois, are:

1. Panels:
 - a. Vinyl panels are constructed of Linear Low-Density Polyethylene Plastic (LLDPE) containing UV-12 Inhibitors. They are Commercial Grade - Simulated Stone Rubber Filled Panels - Item Number: SSRFP provided by Vinyl Fence Wholesaler
 - Single Panel Height: 6 feet
 - Stacked Panel Height: 12 feet
 - Panel Width: 6 feet
 - Color: Grey Granite
2. Line Posts:
 - a. Impact resistant, rotational molded, made with linear low-density polyethylene plastic (LLDPE), shell contains Ultraviolet (UV) inhibitors and with a rigid recycled polyethylene foam core.
 - b. Internal 11-gauge (0.114 inches) galvanized Z-Beam (two legs by 3.56 web) reinforcement steel, 144 inches long.
 - c. Posts are five feet by five feet - H section, 144 inches long with two two-inch by two-inch channels on opposite sides to receive panels. Approximate weight is 56 pounds.
3. Corner Posts:
 - a. Impact resistant, rotational molded, made with linear low-density polyethylene plastic (LLDPE), shell contains UV inhibitors with a rigid recycled polyethylene foam core.
 - b. Internal 11-gauge (0.065 inches) galvanized box-tube (two-inch by two-inch) reinforcement steel, 144 inches long.
 - c. Posts are five feet by five feet - L section, 144-inches long with two one-foot by two-foot channels on adjacent sides to receive panels. Approximate weight is 56 pounds.
4. End Posts:
 - a. Impact resistant, rotational molded, made with linear low-density polyethylene plastic (LLDPE), shell contains UV inhibitors with a rigid recycled polyethylene foam core.
 - b. Internal 11-gauge (0.065 inches) galvanized box-tube (two-foot by three-foot) reinforcement steel, 144 inches long.
 - c. Posts are five feet by five feet - C section, 144 inches long with two two-inch by two-inch channels on one side to receive panels. Approximate weight is 56 pounds.
5. Gate Posts:
 - a. Impact resistant, rotational molded, made with linear low-density polyethylene plastic (LLDPE), shell contains UV inhibitors with a rigid recycled polyethylene foam core.
 - b. Internal 11-gauge (0.125 inches) galvanized box-tube (two-inch by three-inch with two one-eighth-inch by two-inch flat stock) reinforcement steel, 144 inches long.
 - c. Posts are five feet by five feet - C section, 144 inches long with two two-foot by two-foot channels on one side to receive panels. Approximate weight is 82 pounds.
6. Post Foundations:
 - a. Concrete for constructing noise wall foundations shall be Class SI conforming to Section 1020 of the Standard Specifications.

Simulate Stone Material & Structural Specifications
Aurora, Illinois Site

7. Fasteners and Hardware:
 - a. Miscellaneous fasteners and hardware shall conform to Article 1006.08 of the Standard Specifications and shall be galvanized steel in accordance with American Society for Testing and Materials (ASTM) A153 and American Association of State Highway and Transportation Officials (AASHTO) M232.
 - b. All fasteners used with treated wood products shall be stainless steel or hot-dipped galvanized per AASHTO M232, Class C, except the minimum weight of zinc coating shall be 2.0 ounces per square foot.
 - c. Fasteners for structural steel, other than anchor bolts, shall be high strength structural bolts in conformance with ASTM A325 (AASHTO M 164), Type I and shall be mechanically galvanized in accordance with ASTM A 153 (AASHTO M 232).



Illinois Department of Transportation

Memorandum

To: File
From: Hani Alnamer
Subject: Vinyl Noise Wall
Date: September/26/2017

On Wednesday, August 09, 2017, Joseph Vespa, Allen Ma, Jasper Capriotti, and I inspected Vinyl Noise Wall that was installed on Eola RD in Aurora, IL District 1. The experimental feature at this location was installed on May 2017. The panels were 4 feet tall and 8 feet width. Some portions of the wall were constructed as a fence with one panel.



Figure1. 4 feet fence

Some portions of the noise wall were constructed of two panels and some with three.



Figure2. (8 feet Vinyl noise wall)



Figure3. (8 feet Vinyl noise wall)



Figure4. (12 feet Vinyl noise wall)



Figure5. (12 feet Vinyl noise wall)

Upon our inspection, we observed that most panels were installed fine with no signs of any failures. However, there were some exceptions where some panels had issues such as bends from the center and cracks. In addition, these panels were marked probably to be replaced. Another observation was made, is a post that was noticed to be broken from the bottom.



Figure6 bent



Figure7 bent



Figure8 crack at the bottom



Figure9 a vinyl post is broken



Illinois Department of Transportation

Memorandum

To: File
From: Michael Brownlee
Subject: Vinyl Noise Wall (IL 15-13)
Date: August 23, 2018

On August 21, 2018, Joe Vespa and I traveled to Aurora, IL to inspect the vinyl noise wall located on S. Eola Rd. The projected was inspected earlier this year in March. During this time the weather was 31 degrees. On this trip the weather registered 70 degrees. From inspections, and per conversation with Joe, there was quite a difference in the way the panels looked while there being cold weather and there being warmer weather.

Joe stated that when they inspected the wall in March that many panels showed signs of gaps between the lower two panels (panels that could see) this creating light thru. Upon this trip, we noticed that there were not as many gaps in those panels as there were when it was cold. The panels that had little space in March seem to have closed gap, while those that had a bigger gap between them seem to have shrink, but still maintain that of a gap.

Eastside South wall (3 panels):



On the eastside south wall there were approximately 1 small gap panel. There wasn't much of light transparent thru the small one but still an indication that there was space between.



Small gap panels: 13

Eastside north wall (3 panels):



On the eastside north wall there were approximately 2 small gap panels and 2 medium panels.



Small gap panel 15



Medium gap panel 8

At this section we did notice a larger opening at the base of the wall.



Westside north wall (3 panels):





Small gap panel 1



Small gap panel 1 another angle



Crack at bottom of one of the posts.



Opening and major gap on between one of the panels and the post



Gap at the bottom of one of the panels. In front of this panel was a fire hydrant.

Westside south wall (2 panels):



Bigger gap between two of the panels. Light very transparent thru panels.

The last section of the wall panels has many of the gaps that seen this day. There were approximately 10 panels in which had a small gap and 1-2 that had medium gaps.







Illinois Department of Transportation

Memorandum

To: File
From: Hani Alnamer
Subject: Vinyl Noise Wall (IL 15-13)
Date: September,6 2018

On July 3, 2018, Joe Vespa and I traveled to Aurora, IL to inspect the vinyl noise wall located on S. Eola Rd. The weather for this day was 31 degrees Fahrenheit; and wind speed of SW 13 mph. From inspections, the panels had gabs between them. These gaps were between half inch to $\frac{1}{4}$ of inch (pictures 1 through 4). Many panels showed signs of gaps between the lower two panels this creating light through. This shrinkage might be due to cold weather. Other things were noticed such as crack at the bottom of one of the post (picture 5). As well as a vertical gab that was between one of the panels and the post (picture 6). One horizontal post that carries panels had gap between it and the ground (picture 7).



(1) North East side



(2) Westside north wall



(3) Small gap



(4) Westside south gap between two of the panels.



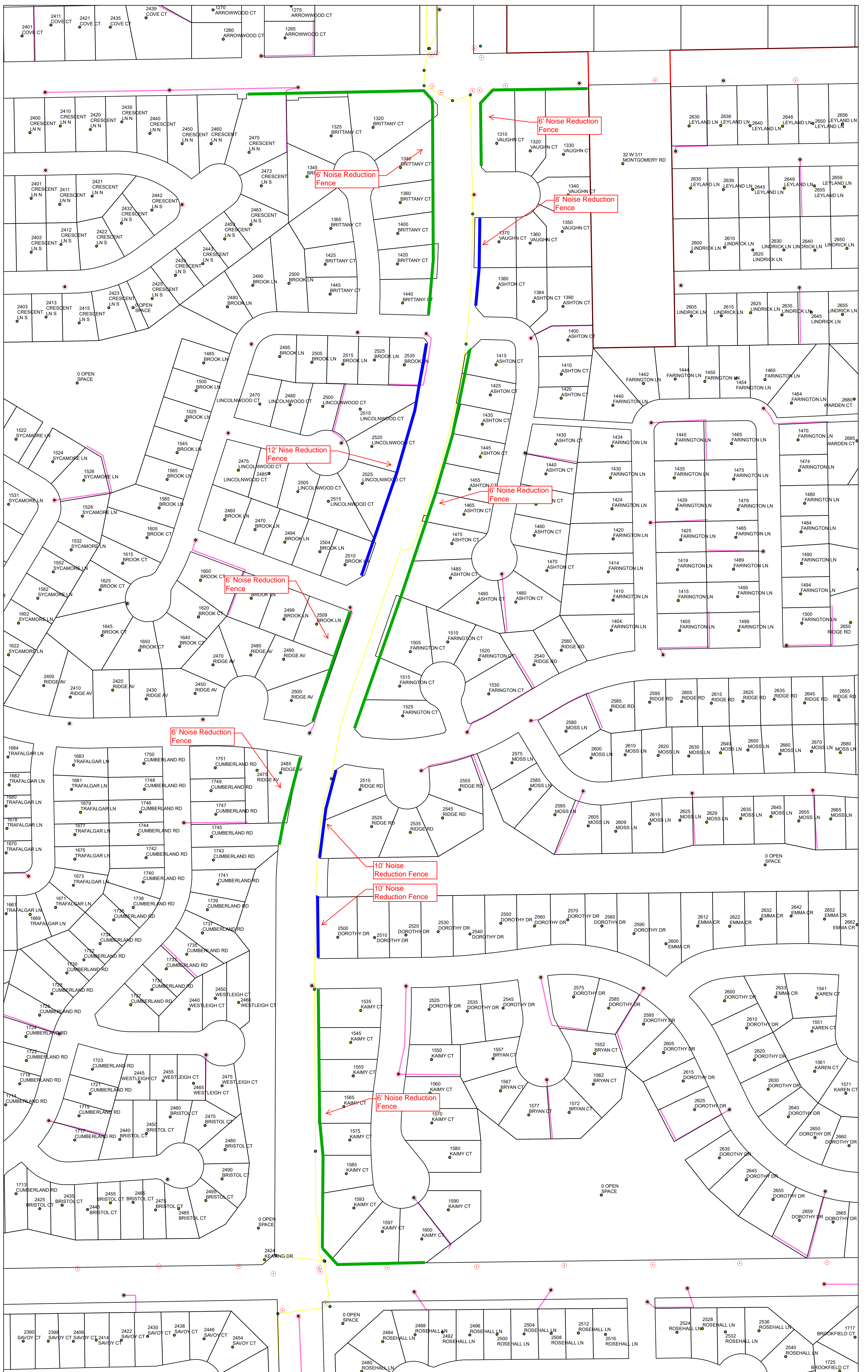
(5) Crack at bottom of one of the posts.



(6) Gap on between one of the panels and the post



(7) Gap at the bottom



6' Noise Reduction Fence

6' Noise Reduction Fence

8' Noise Reduction Fence

12' Noise Reduction Fence

6' Noise Reduction Fence

6' Noise Reduction Fence

6' Noise Reduction Fence

10' Noise Reduction Fence

10' Noise Reduction Fence

6' Noise Reduction Fence



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Veka, Inc.
100 Veka Drive
Fombell, PA 16123

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: PVC Privacy Fence Panels

APPROVAL DOCUMENT: Drawing No. S-4112, titled " PVC Privacy Fence ", dated May 14, 2014, last revision #3 dated March 01, 2021, sheets 1 through 3 of 3, signed and sealed by Lyndon F. Schmidt, P.E. on March 01, 2021, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each fence panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #19-0829.02 and consists of this page 1, evidence submitted pages E-1, E-2 & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
04/08/2021

NOA No. 21-0308.05
Expiration Date: 08/14/2024
Approval Date: 04/08/2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 14-0605.09

A. DRAWINGS

1. *Drawing No. S-4112, titled "PVC Privacy Fence", dated May 14, 2014, sheets 1 through 3 of 3, signed and sealed by Lyndon F. Schmidt, P.E. on June 09, 2014.*

B. TESTS

1. *Test Report # TEL 04401036, dated May 21, 2014, issued by Testing Evaluation Laboratories, Inc. for Series/Model 72" Tahoe II, PVC Fence Panels, signed and sealed by William B. Shelton, P.E. on May 27, 2014.*
2. *Test Report # TEL 04401035, dated May 21, 2014, revised on June 11, 2014, issued by Testing Evaluation Laboratories, Inc. for Series/Model 72" Shadowbox, PVC Fence Panels, signed and sealed by William B. Shelton, P.E. on June 11, 2014.*

C. CALCULATIONS

1. *Fence and Post Analysis, dated May 27, 2014, one sheet, signed and sealed by Lyndon F. Schmidt, P.E. on May 27, 2014.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *NOA #12-0106.01 for the plastic material specifications.*

F. STATEMENTS

1. *FBC, 2010 Edition compliance letter issued by R W Building Consultants, Inc., dated May 27, 2014, signed and sealed by Lyndon F. Schmidt, P.E. on May 27, 2014.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 16-0125.05

A. DRAWINGS

1. *Drawing No. S-4112, titled "PVC Privacy Fence", dated 05/14/14, last revision #1 dated 01/11/16, sheets 1 through 3 of 3, signed and sealed by Lyndon F. Schmidt, P.E. on 01/11/16.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 21-0308.05
Expiration Date: 08/14/2024
Approval Date: 04/08/2021

Veka, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2014 Edition compliance letter issued by R W Building Consultants, Inc., dated January 11, 2016, signed and sealed by Lyndon F. Schmidt, P.E.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-1106.07

A. DRAWINGS

1. *Drawing No. S-4112, titled " PVC Privacy Fence ", dated May 14, 2014, last revision #2 dated October 31, 2018, sheets 1 through 3 of 3, signed and sealed by Lyndon F. Schmidt, P.E. on October 31, 2018.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2017 Edition compliance letter issued by R W Building Consultants, Inc., dated October 31, 2018, signed and sealed by Lyndon F. Schmidt, P.E.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 19-0829.02

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 21-0308.05
Expiration Date: 08/14/2024
Approval Date: 04/08/2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. S-4112, titled " PVC Privacy Fence ", dated May 14, 2014, last revision #3 dated March 01, 2021, sheets 1 through 3 of 3, signed and sealed by Lyndon F. Schmidt, P.E. on March 01, 2021.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2020 Edition compliance letter issued by R W Building Consultants, Inc., dated March 01, 2021, signed and sealed by Lyndon F. Schmidt, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 21-0308.05
Expiration Date: 08/14/2024
Approval Date: 04/08/2021



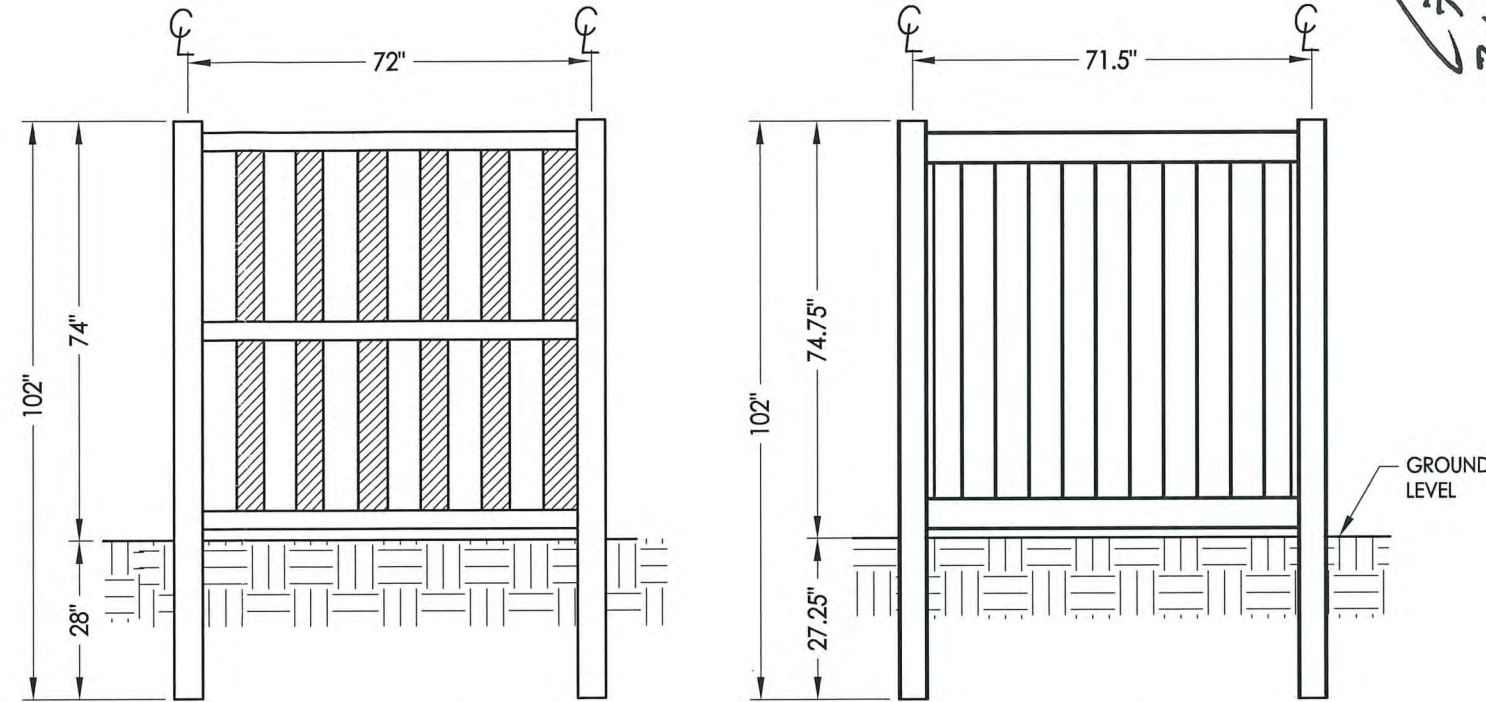
VEKA INC.
 100 VEKA DRIVE
 FOMBELL, PA 16123

PVC PRIVACY FENCE

GENERAL NOTES

1. This product is designed to comply with the 7th Edition 2020 Florida Building Code "High Velocity Hurricane Zone".
2. For wind load rating, see chart this sheet.
3. Installation of this fence shall be based on this product approval documents with no deviation from the conditions detailed on this document.
4. This Product Approval Document (P.A.D.) will be considered invalid if modified.
5. Site specific projects shall be prepared by a Florida Licensed Engineer or Architect which will become the Professional Of Record (P.O.R.) for the project and who will be responsible for the proper use of this P.A.D.
6. This fence manufacturer's permanent label shall be placed at each fence assembly. The permanent label shall read as follows:
 VEKA, Inc.
 Fombell, PA
 Miami - Dade County
 Product Control Approved
7. Tested in accordance with Metro-Dade County performance test requirements as reported in test report #'s TEL 04401035 & TEL 04401036 issued by Testing Evaluation Laboratory.
8. The fence post, rails and pickets are a coextruded part with a min. 0.020" (+/-0.005") cap stock which contains "UV" inhibitors. All parts shall be made of PVC that is manufactured by VEKA, Inc. Refer to the PVC material specifications shown for the tested properties.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation & general notes
2	Tahoe II - picket fence details
3	Breckenridge - shadow box fence details



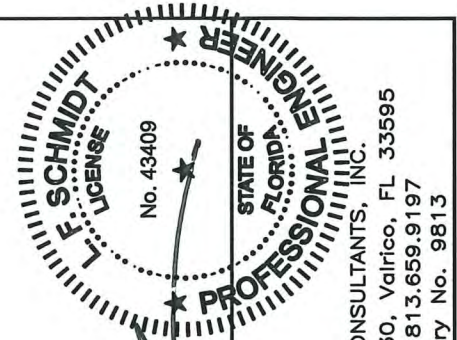
BRECKENRIDGE

TAHOE II

PVC Material Specifications	Test	PVC Properties
		White
Rate of Burning	ASTM D635	Class CC1
Self-Igintion Temperature (Spontaneous)	ASTM D1929	925°F > 650°F
Average Smoke Density Rating	ASTM D2843	43% < 75%
Tensile Strength (Difference Exposed & Unexposed)	ASTM 638	4.98% < 10%

WIND LOAD RATING

This fence and its vertical supports are designed/tested for 75 mph fastest mile wind speed or 115 mph 3-second gust in compliance with Section 1616.2.1 of the Florida Building Code (Design Pressure = 17.71 psf).

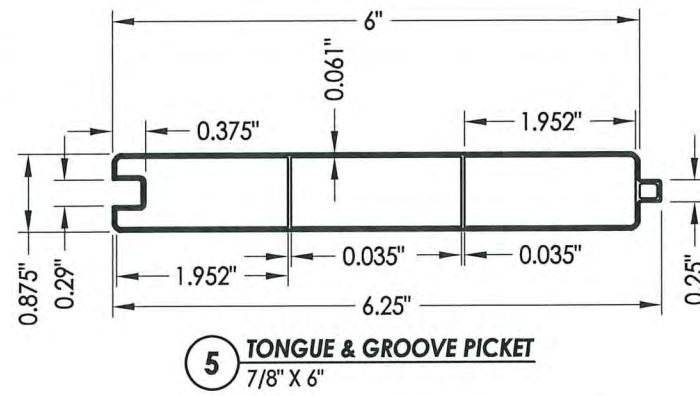
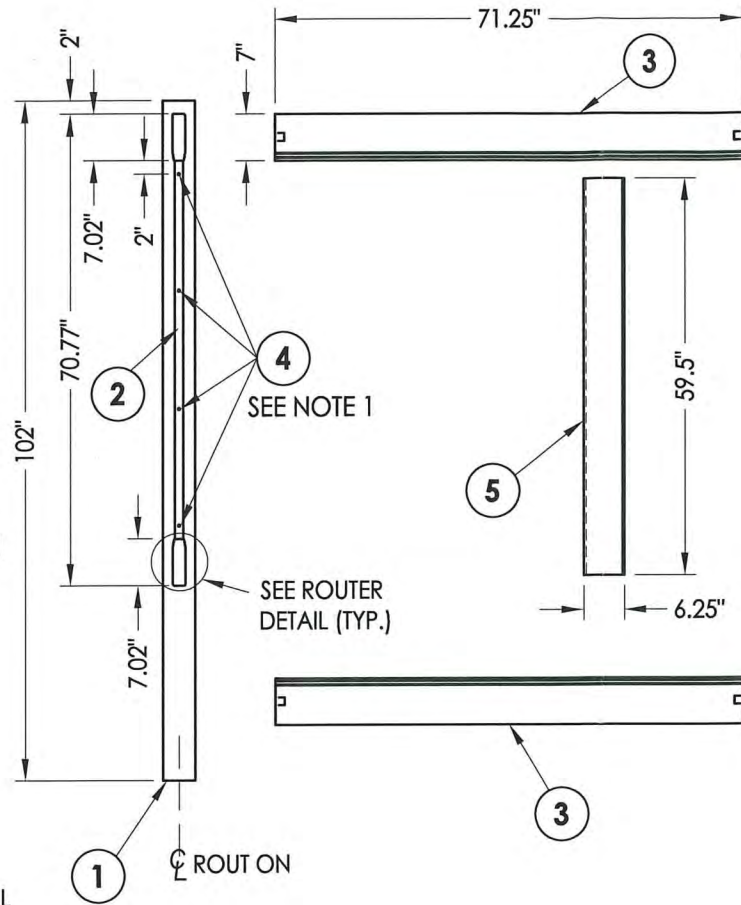
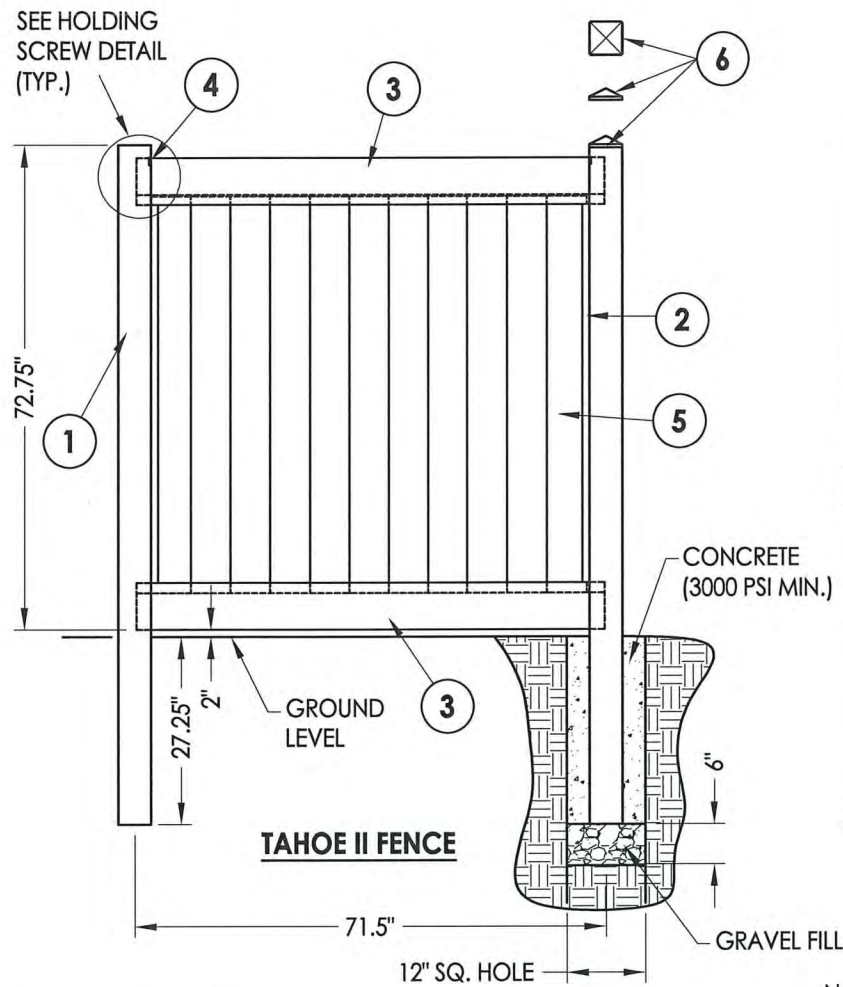


Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Vairico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:		PART OR ASSEMBLY:	
PVC PRIVACY FENCE		TYPICAL ELEVATIONS & GENERAL NOTES	
3	03/01/21	UPDATE TO 7TH ED.	2020 FBC
2	10/31/18	UPDATE TO 6TH ED.	2017 FBC
1	01/11/16	UPDATE TO 5TH ED.	2014 FBC
NO.	DATE		
REVISIONS			

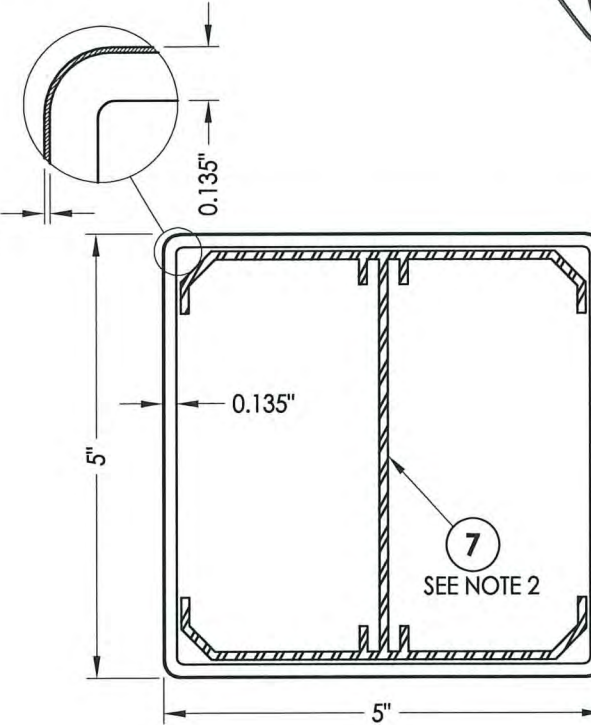
DATE: 5/14/14
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: S-4112
 SHEET 1 OF 3

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 21-0308.05
 Expiration Date 08/14/2024
 By: *Heidi A. Melton*
 Miami Dade Product Control

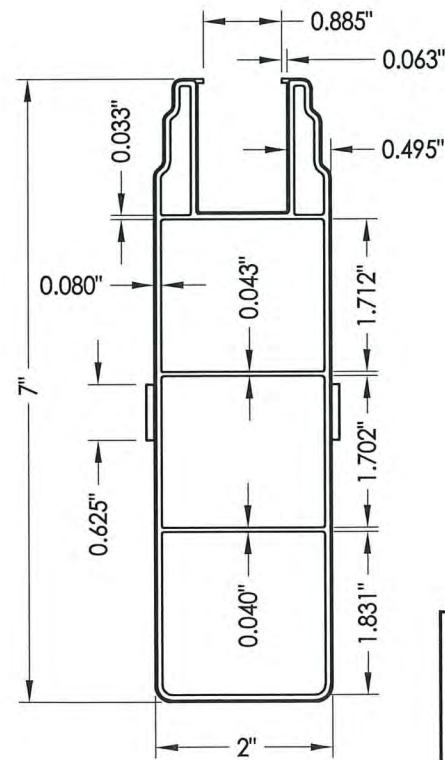


5 TONGUE & GROOVE PICKET
7/8" X 6"

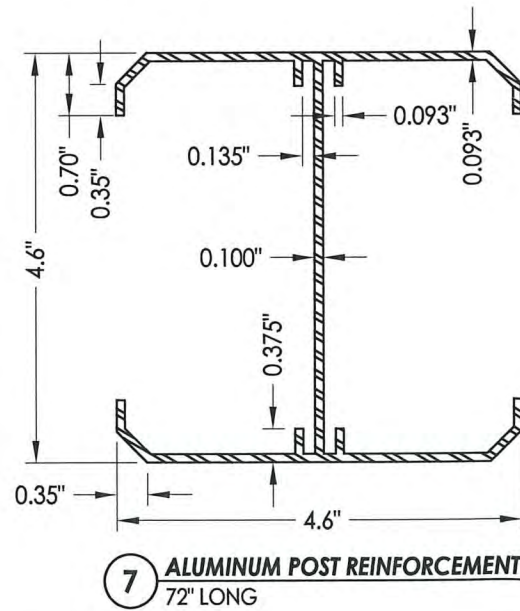
MIN. 0.020" CAP STOCK
(CONTAINS UV INHIBITORS)
TYP. ALL POST, RAILS & PICKETS



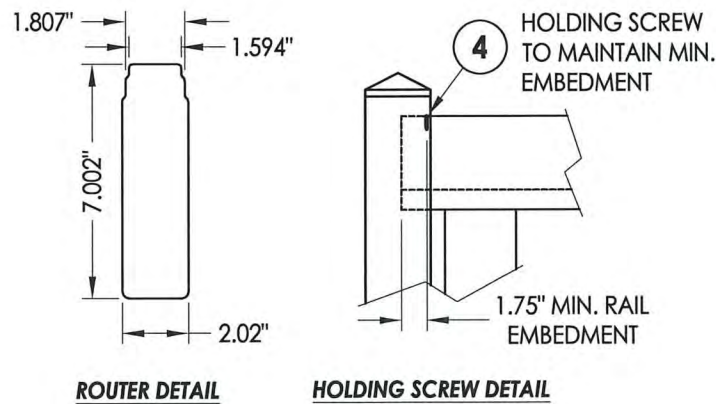
1 5" X 5" POST



3 DECO RAIL
2" X 7"



7 ALUMINUM POST REINFORCEMENT
72" LONG

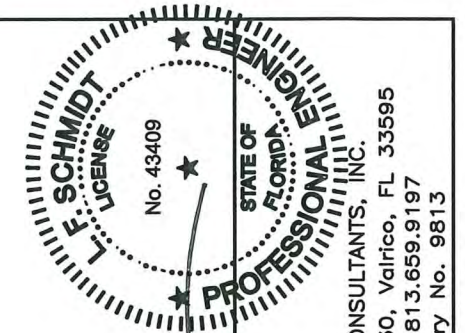


ROUTER DETAIL

HOLDING SCREW DETAIL

- NOTES:**
1. U-CHANNEL IS ATTACHED TO THE FENCE POST w/ (4) #10 X 3/4" SELF-DRILLING TEK SCREWS LOCATED 2" FROM THE TOP & BOTTOM PLUS 2 MORE EQUALLY SPACED.
 2. REINFORCEMENT TO BE INSERTED INTO EACH POST AND MUST EXTEND TO THE BOTTOM OF POST.

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
1	5" X 5" POST	PVC
2	U-CHANNEL	PVC
3	DECO RAIL	PVC
4	#10 X 3/4" PPH SELF-DRILLING TEK SCREW	STEEL
5	TONGUE & GROOVE PICKET	PVC
6	POST CAP	PVC
7	ALUMINUM POST REINFORCEMENT	6063-T6 ALUM



Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

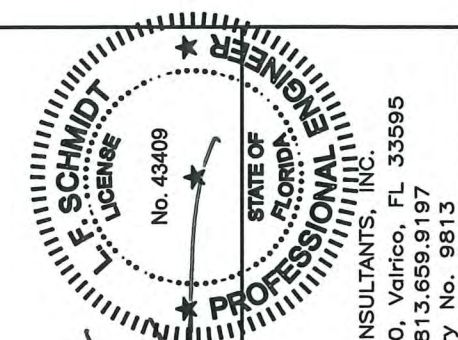
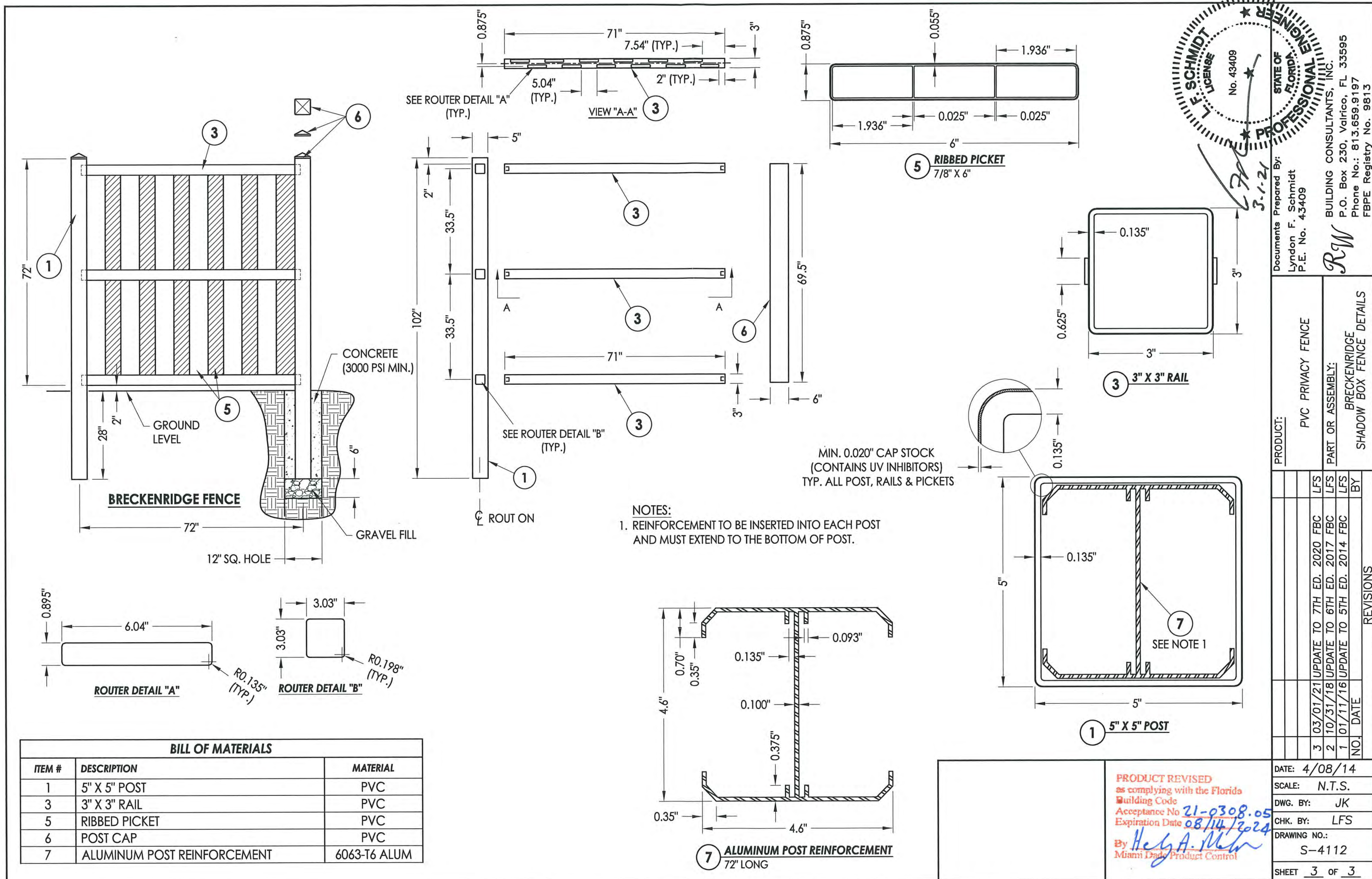
R.W.
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PVC PRIVACY FENCE
PART OR ASSEMBLY: TAHOE II PICKET FENCE DETAILS

NO.	DATE	BY	REVISIONS
3	03/01/21	LFS	UPDATE TO 7TH ED. 2020 FBC
2	10/31/18	LFS	UPDATE TO 6TH ED. 2017 FBC
1	01/11/16	LFS	UPDATE TO 5TH ED. 2014 FBC

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0308.05
Expiration Date 08/14/2024
By *Heidi A. Miller*
Miami Dade Product Control

DATE: 4/08/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: S-4112
SHEET 2 OF 3



Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PVC PRIVACY FENCE

PART OR ASSEMBLY:
BRECKENRIDGE
SHADOW BOX FENCE DETAILS

NO.	DATE	REVISIONS	BY
3	03/01/21	UPDATE TO 7TH ED. 2020 FBC	LFS
2	10/31/18	UPDATE TO 6TH ED. 2017 FBC	LFS
1	01/11/16	UPDATE TO 5TH ED. 2014 FBC	LFS

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
1	5" X 5" POST	PVC
3	3" X 3" RAIL	PVC
5	RIBBED PICKET	PVC
6	POST CAP	PVC
7	ALUMINUM POST REINFORCEMENT	6063-T6 ALUM

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0308.05
Expiration Date 08/14/2024

By *Hely A. Miller*
Miami Dade Product Control

DATE: 4/08/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: S-4112
SHEET 3 OF 3

Physical Properties:

<u>Test</u>	<u>Value</u>	<u>ASTM</u>
Using 0.125 specimen: Izod impact	22.5ft. lbs/in.	D256
Tensile Yield Strength	6606 PSI	D638
Tensile Modulus	432,000 PSI	D638
Flexural Modulus	378,000	D790
DTUL at 264 PSI	75°	D648
ASTM Cell Classification	1333	D1784-14344B

Profile Specifications:

<u>Item</u>	<u>Dimension</u>	<u>Thickness +/- 10%</u>	
Posts:	5" x 5"	.150"	
	4" x 4"	.140"	
Rails:	1.5" x 5.5"	.090"	Double Ribbed
	1.75" x 3.5"	.120"	
	2" x 3.5"	.110"	
	2" x 6"	.110"	Double Ribbed
Pickets:	1.5" x 1.5"	.070"	
	.875" x 1.5"	.070"	
	.875" x 3"	.070"	
	.875" x 6" T&G	.065"	Double Ribbed
Aluminum:	5" Post insert	.108"	Recommended for each side of gate.
	4" Post insert	.108"	Recommended for each side of gate.
	1.5" x 5.5" I-Channel	.075"	
	1.75" x 3.5" U-Channel	.070"	
	2" x 3.5" H-Channel	.070"	

TiO2/Titanium Dioxide: 10 - 12 parts per 100. Keeps Material from excessively fading due to UV rays.

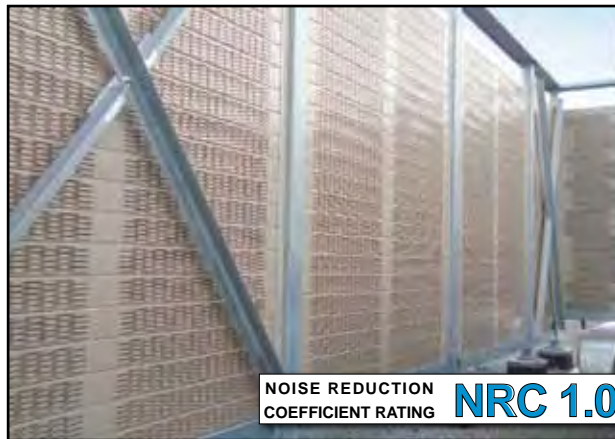
Note: All of the panels sold by USA Vinyl, LLC come with re-enforced aluminum channel in the bottom rails. USA Vinyl, LLC does not sell any "economy" product such as .135" posts or .080" rails. None of our fence panels require brackets for installation. We use no galvanized metal with our product. USA Vinyl, LLC is a member of the BBB On-Line.

Sound Barrier / Absorption Wall

Acoustically Absorbent, High Transmission Loss Barrier Wall System

Sound Barrier Absorption Walls (SBAW) are solid obstructions built between noise sources, be it highway noise or air conditioning equipment, that are designed to be “line of sight” interruptions between the noise source and the receiver. SBAW are typically made from concrete, steel, vinyl, wood or earth mounds called ‘berms’. Berms are effective but in order to get them high enough to be effective sound barriers, they have to be so wide they take up huge amounts of valuable land. Steel

barriers are expensive, subject to corrosion and dent badly especially if they are going to have snow thrown up against them by snow plows. Concrete sound barriers are incredibly heavy, very expensive and are subject to needing replacement in as little as 10-20 years. Properly engineered vinyl extruded components, are the best choice for lower in place costs, greater acoustic performance and appearance combined with a life span many times that of all other extruded componets systems.



NOISE REDUCTION COEFFICIENT RATING **NRC 1.0**

SILENT PROTECTOR (ABSORPTIVE)

- PVC absorptive sound barrier wall system with acoustical mineral wool.
- Noise reduction coefficient (NRC) rating of 1.0 the highest achievable rating.



SOUND TRANSMISSION CLASS RATING UP TO **STC 36**
EASY OFF GRAFFITI and Tagging !

TUF-BARRIER (REFLECTIVE)

- PVC reflective sound barrier wall system.
- Blocks and reflects unwanted noise
- Graffiti and tagging can be easily removed.

Lightweight and easy-to-install, Sound Barrier / Absorption Walls are engineered for maximum sound reflection of environmental or ambient noise such as traffic, manufacturing, industrial or commerical noise.

- Meets accelerated test requirements for durability
- Impervious to rain, snow, ice and sleet
- Will not rust, rot, or stain
- Maintenance-free
- Designed to meet AASHTO, CSA and EN noise wall guidelines
- Wind load tested up to +140 mph (+225 kph)

RECOMMENDED USES

- Commercial
- Industrial
- Institutional
- Military
- Utilities
- Transformers
- HVAC
- Highways
- Railways
- Bridges
- Oil & Gas
- Roof Top Mechanical Systems

TRANSPORTATION, INDUSTRIAL, COMMERCIAL & UTILITIES

Noise from large commercial or industrial developments and their associated traffic is one of the most contentious environmental problems for surrounding communities.

Residents are demanding better noise abatement solutions from facilities like shopping centers, manufacturing plants, distribution hubs and utility stations.

Sound Barrier / Absorption Walls provide superior noise abatement solutions for all noise sensitive projects.

- Shopping Centers • Big Box Stores • Drive-Thru Lanes • Loading Docks • Mine / Quarries
- Industrial Sites • Commercial Development



Managing airport noise is a key part of the Toronto Port Authority's commitment to the environment and naturally ALL Sound Walls were a good fit on this project.

ROOF TOP ENCLOSURES

Most of today's urban buildings have their utility and HVAC systems mounted on their roofs. However, sound barrier protection is still needed for best results and to deal with unwanted noise between buildings at upper levels.

The light weight of the Sound Barrier Walls make them ideal for roof top applications. The enclosure support system, integrates easily with roof structures of both existing and new buildings to deliver effective sound mitigation.

- HVAC Units • Utilities • Generators



Lightweight Sound Barrier Walls are perfect for roof top applications. Man-doors and access ports are easily integrated.

EQUIPMENT OR MACHINERY ENCLOSURES

- Oil / Gas / Hydro / Compressors
- Petro Chemical / Utility Stations
- Mining Quarry / Crushers



With a limited footprint, Sound Barrier Walls provide an efficient land use solution for urban areas.

PRODUCT SPECIFICATIONS

	Silent Protector (Absorptive)	Tuf Barrier (Reflective)
Panel Length	8 ft - 12 ft	8 ft. - 14 ft. (2.44 m - 4.27 m)
Panel Width	2.70 in (68.58 mm)	2.70 In (68.58 mm)
Panel Height	5.96 in ± .10 (151.38 mm ± 0.25 mm)	5.96 In ± .10 (151.38 mm ± 0.25 mm)
Weight	4.30 lbs/ft ² (21 kg/m ²)	Min. 4.10 lbs/ft ² (20 kg/m ²)
Absorptive	yes	n/a
Reflective	n/a	yes
STC Rating	up to 36	up to 32
NRC Rating	1.0	n/a
Plain Finish	yes	yes
Embossed Finish	n/a	yes

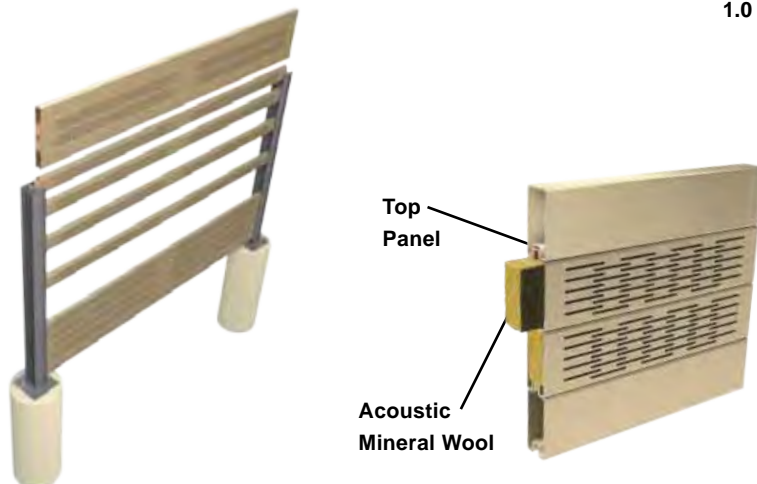
Color Choices



Color reproductions in this brochure is subject to limitations and the printing process. Please consult AcoustiGuard for actual PVC color samples.

INSTALLATION

Easy to install with local crews and reduced need for lifting equipment.



SOUND TRANSMISSION LOSS ASTM E90 / E413

Octive Band Number	2	3	4	5	6	7	STC
Center Frequency (Hz)	125	250	500	1000	2000	4000	-
Silent Protector	20	21	26	40	40	44	
Tuf-Barrier	16	22	31	39	41	49	-

RATINGS UP TO
STC 36
ASK FOR DETAILS

SOUND ABSORPTION COEFFICIENTS ASTM C423/E795

Octive Band Number	2	3	4	5	6	7	NRC
Center Frequency (Hz)	125	250	500	1000	2000	4000	-
Silent Protector	0.41	0.84	1.19	1.06	1	0.81	1.0

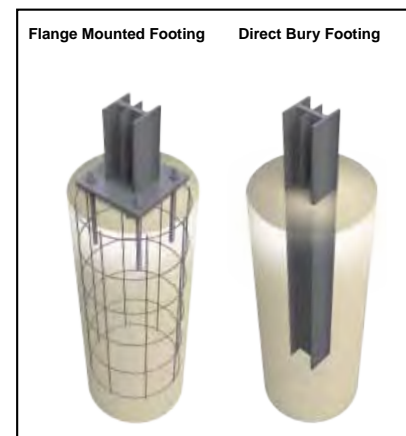
STC - Sound Transmission Class

STC is a single-number index used to rate the material's ability to reflect noise and to reduce the decibel level.

NRC - Noise Reduction Coefficient

NRC is a single number index rating used to determine how absorptive the material is. Industrial standard ranges from zero to 1. An absorptive sound barrier wall reduces the sound energy that would typically reflect back toward the sound source and has a higher decibel reduction.

NRC	Qualitative
0.4 or less	Poor
0.5 to 0.6	Mediocre
0.6 to 0.7	Good
0.7 to 0.85	Very Good
> 0.85	Excellent
1.0	Silent Protector



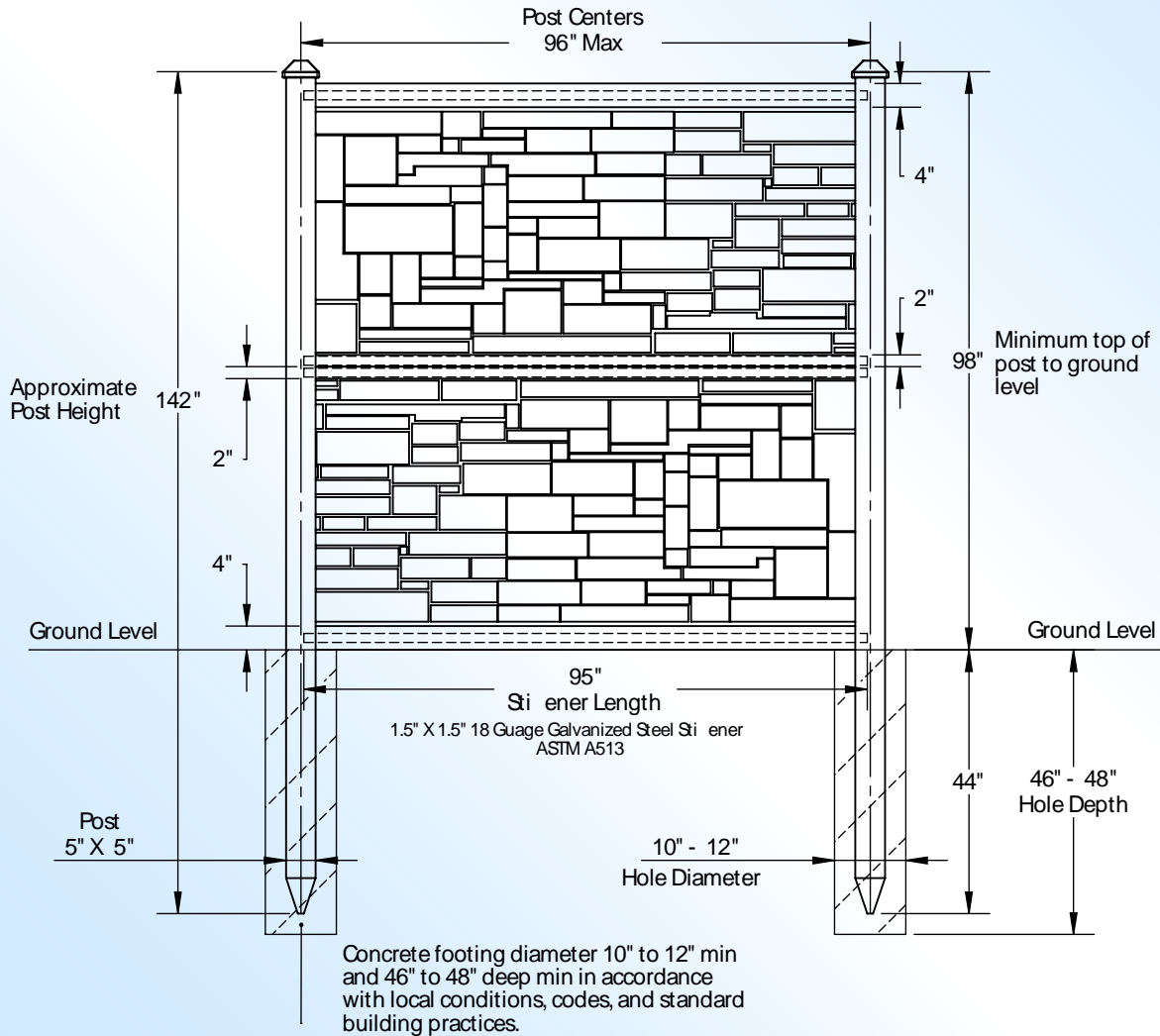
APPENDIX C
Simulated Stone
Material Installation
Instructions &
Drawings



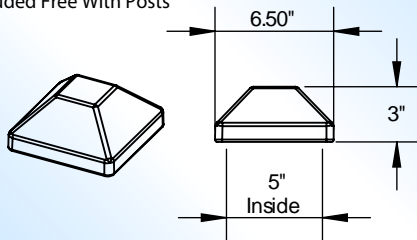
VINYL FENCE WHOLESALER

Technical Specifications - Simulated Stone Privacy Fence

8' Tall x 8' Wide Sections

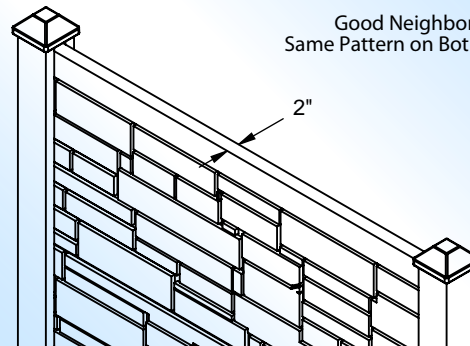


Post Cap Details
Caps Included Free With Posts



© 2018, Vinyl Fence Wholesaler, All Rights Reserved
Phone: (507) 206-4154 - Website: www.vinylfenceanddeck.com

Good Neighbor Fence
Same Pattern on Both Sides



Model #:FP96X96

This drawing may not be altered or reproduced without the permission of Vinyl Fence Wholesaler

Date: May 1, 2015

Scale: not to scale

REV: A Gleason

Sheet 1 of 1

U.S. Patents: 7,478,797 / 7,635,114 Foreign Patents Pending



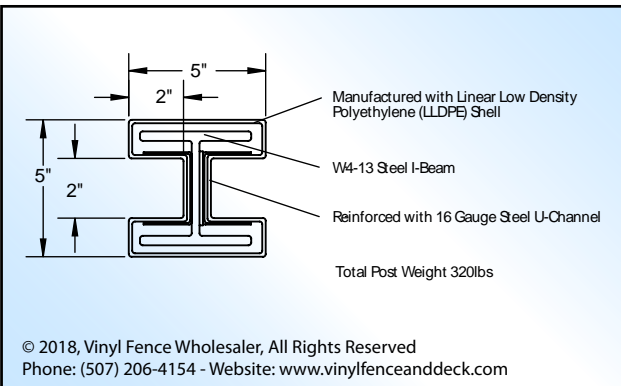
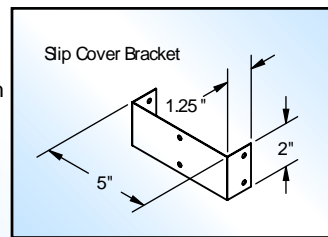
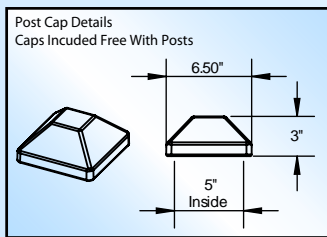
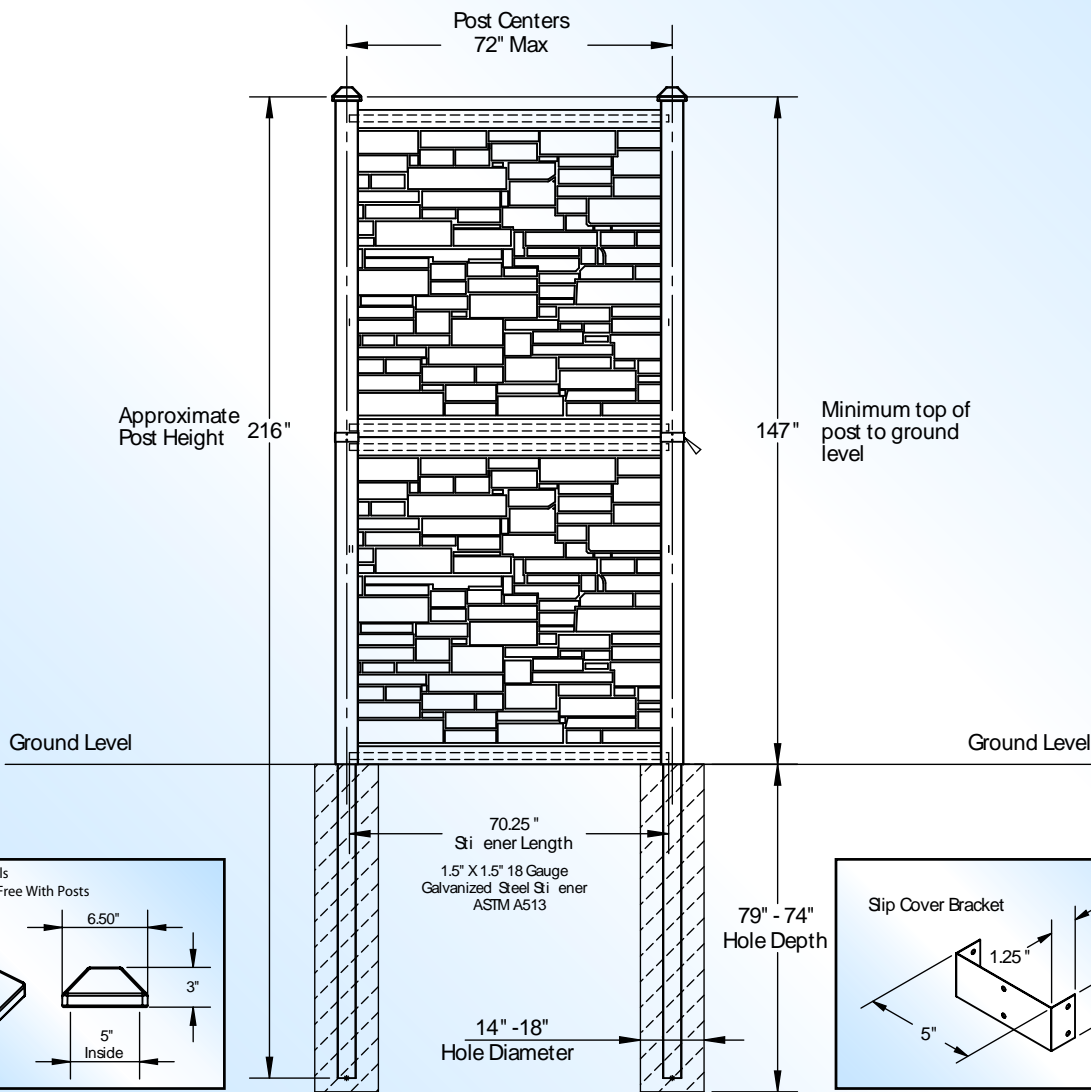
Website: www.vinylfenceanddeck.com
Phone: (507) 206-4154



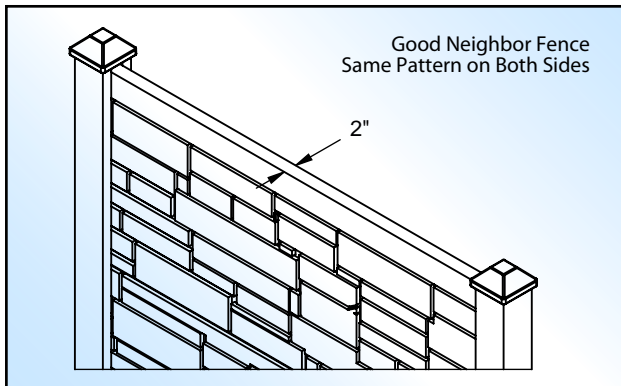
VINYL FENCE WHOLESALER


Technical Specifications - Simulated Stone Privacy Fence

12' Tall x 6' Wide Sections



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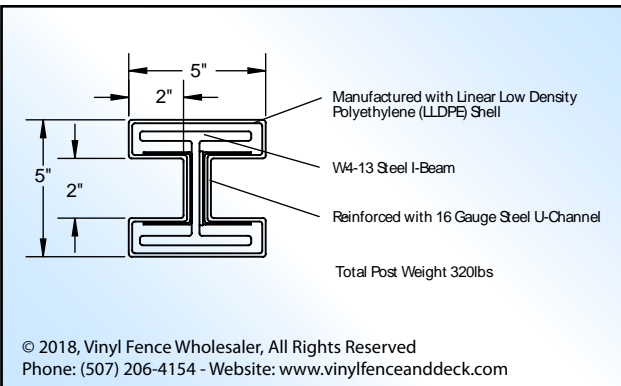
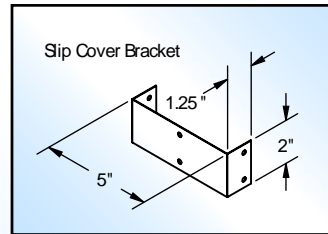
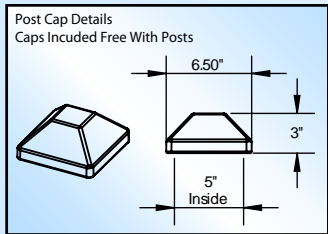
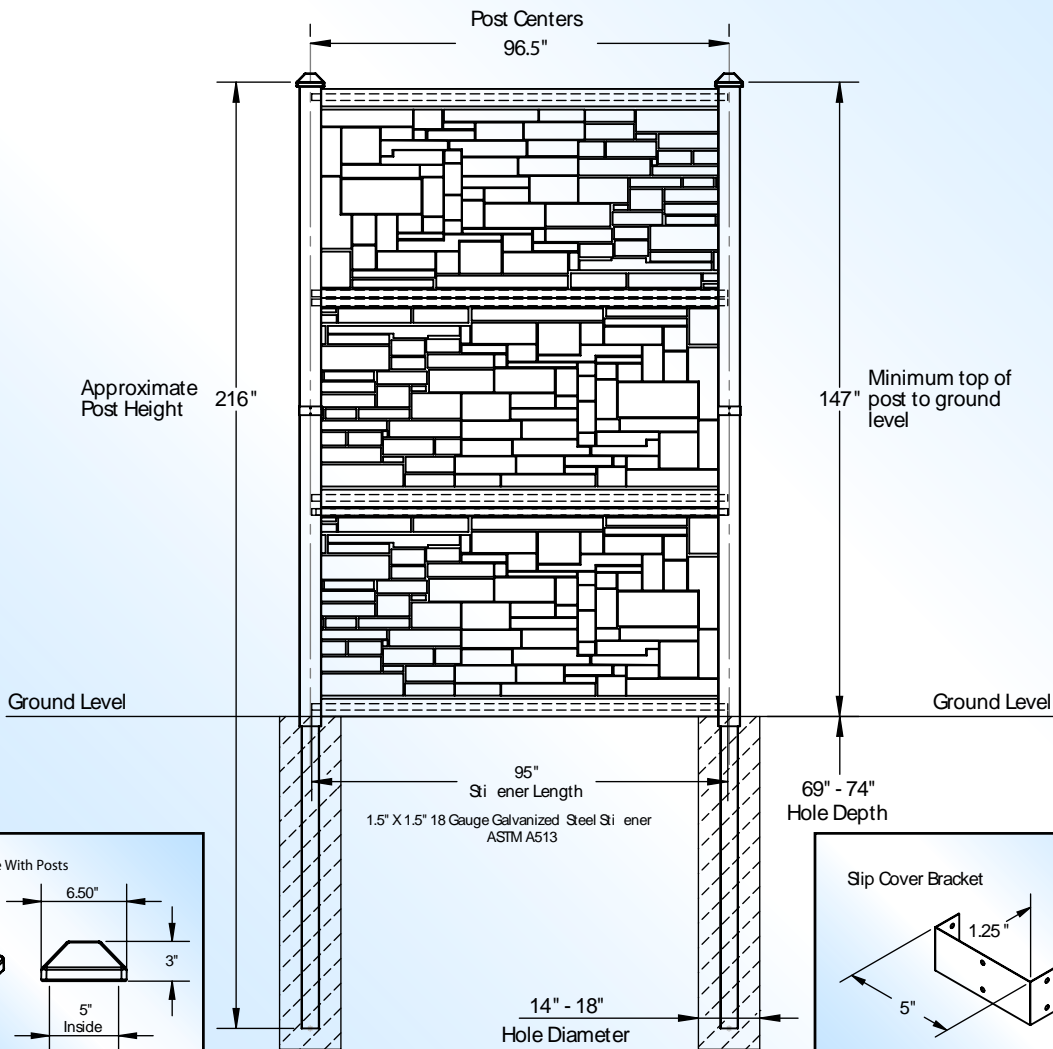
Model #: FP144X72	This drawing may not be altered or reproduced without the permission of Vinyl Fence Wholesaler		 Website: www.vinylfenceanddeck.com Phone: (507) 206-4154
Date: May 1, 2015	Scale: not to scale	REV: A Gleason	
Sheet 1 of 1	U.S. Patents 7,478,797 / 7,635,114 Foreign Patents Pending		



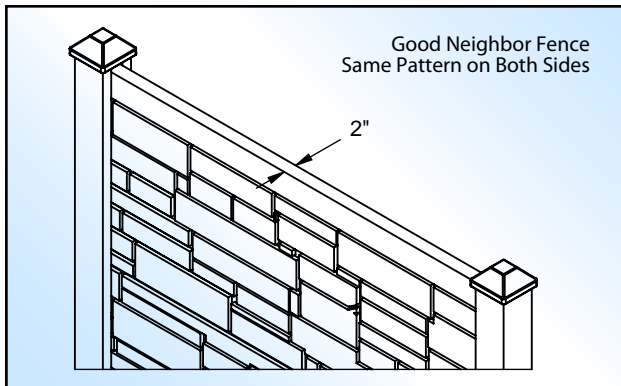
VINYL FENCE WHOLESALER


Technical Specifications - Simulated Stone Privacy Fence

12' Tall x 8' Wide Sections



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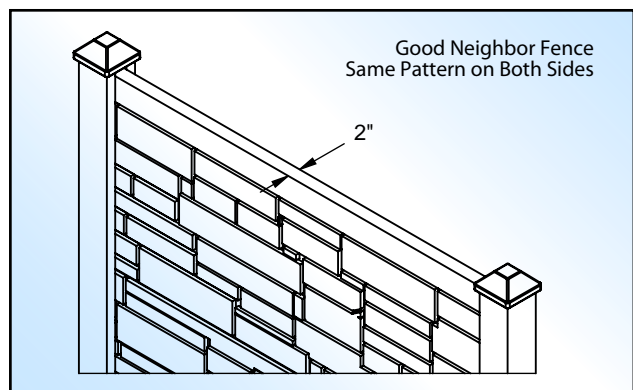
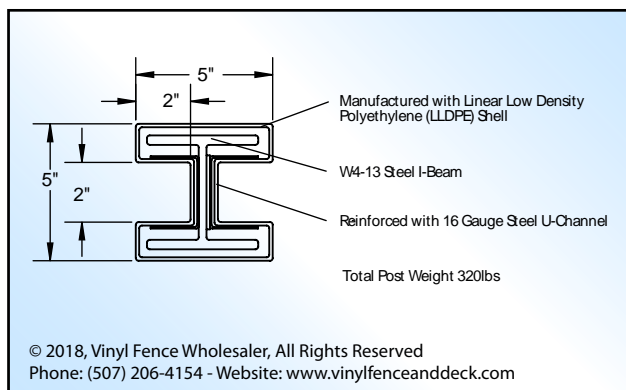
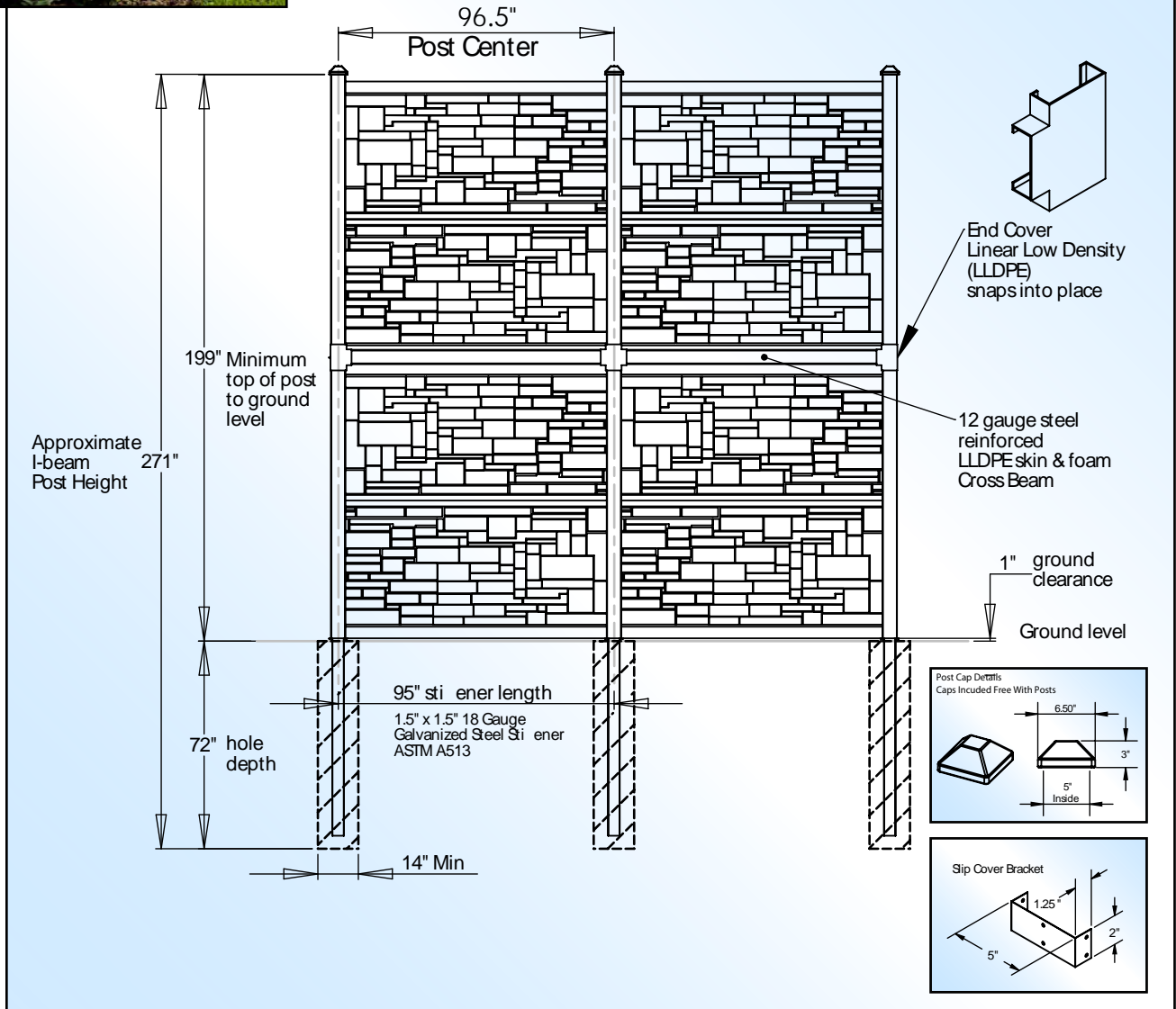
Model #: FP144X96	This drawing may not be altered or reproduced without the permission of Vinyl Fence Wholesaler		 Website: www.vinylfenceanddeck.com Phone: (507) 206-4154
Date: May 1, 2015	Scale: not to scale	REV: A Gleason	
Sheet 1 of 1	U.S. Patents 7,478,797 / 7,635,114 Foreign Patents Pending		




Technical Specifications - Simulated Stone Privacy Fence

VINYL FENCE WHOLESALER

16' Tall x 16' Wide Sections



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Sheet 1 of 1	U.S. Patents: 7,478,797 / 7,635,114 Foreign Patents Pending		

Installation Instructions

- **Introduction.** These instructions are designed to instruct both professional installers and do-it-yourselfers in the installation. These instructions are detailed to insure an excellent finished wall. Installation on level ground and on sloping terrain, gate installation, and thoroughly proven installation techniques are included.
- **A quality installation.** A quality finished wall is the result of a quality installation. The layout must be consistent with ground contours; posts must be appropriately spaced and properly anchored. Follow installation instructions carefully and your wall will be both structurally correct and a beautiful addition to your project or property.
- **Before you begin.** Before any installation, check all local regulations regarding fencing, location of all buried utility lines, and correct property lines. Be certain you are in compliance with all utility line locator requirements, local codes, permits, county and state laws. Ensure that you have all the components needed to complete your fence configuration.

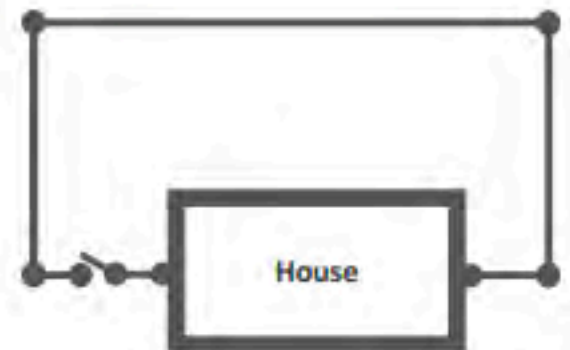
Tools Needed

- Tape measure
- Level
- Shovel or Post hole digger
- Concrete
- Drill
- Stakes
- Mallet or hammer
- Spray paint
- String
- Circular saw



Step 1: Lay Out Fence Line

1. Locate your property line and stretch a string between stakes from the beginning to the end of the fence to ensure posts will be set on a straight line.
2. Beginning at the corner or end post, mark the location of the post. Dig a hole for each post.



Center to Center Post Dimensions

	Line	Corner	End	Gate
Line	71 ½"	72 ½"	71 ½"	72 ½"
Corner		73 ½"	72 ½"	73 ½"

Step 2: Digging Holes

1. If a laser is available, it will be an excellent tool to assist in determining grade and slope.
2. For a level ground installation, begin at a corner or an end post. This will give you a good starting point. If there is a slope, it is easier to begin at the top and work your way down hill.
3. Dig all post holes 10"- 12" diameter by 30"- 36" deep for the six foot high wall and 48" deep for the eight foot high wall. Make sure to check local building codes to ensure required depths and diameters are met.
4. Holes must be 71.5" apart, center to center for the six foot wall and 96" for the eight foot wall. **It is essential that the panel stiffener touches post to post. The panel stiffener is wider than the panel to accommodate panel thermal expansion. DO NOT CUT THE STIFFENER UNLESS THE PANEL IS BEING CUT SHORTER.**
5. Walls will rarely measure out to an exact number of full panels; therefore it will likely require cutting one or more panels to complete a wall. Depending on personal preference, you may wish to narrow the width of the last 2 to 3 panels or cut the first and last panels evenly so that there is not one very narrow panel. Panels can be cut with any circular saw, although the steel stiffeners will require a metal cutting blade.

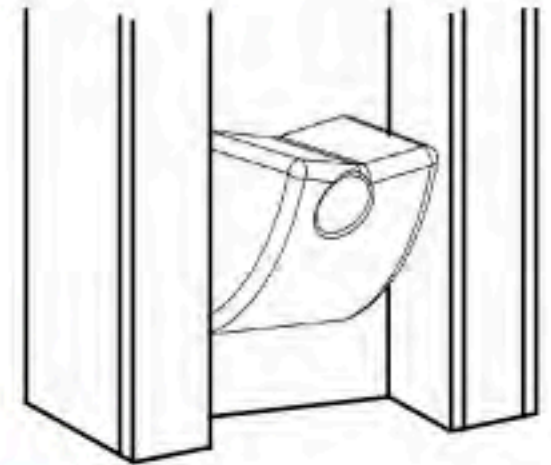


Step 3: Installing Brackets

If posts are to be installed in level ground attaching brackets in advance of post installation is easiest when using a measuring template for faster repetitive bracket installation. It is easier to change a bracket in the field if necessary than to install brackets once posts are installed in the ground. Installed brackets provide a leveling point on each post.

DISTANCE FROM TOP OF POST TO SUPPORT BRACKET SURFACE

Panel Size	3'	4'	6'	8'
Bracket location	37.5"	49.5"	73.5"	99"



Tip

Note: Brackets come packaged at the tip of the post during shipping. They must be removed and reattached in the channel of the post at the desired height during installation.

Step 4: Setting Posts

1. Set a post in the hole with concrete. Using a mallet or hammer, tap the post into the concrete until the top of the post meets the desired height.
2. Fill the remainder of the hole with concrete. Using a level, check two adjacent sides of the post. Two-way levels are useful. Adjust the post until it is both vertical and at the correct height.
3. **If using a dry mix method**, first place the post in the hole in the approximate position at the bottom of the hole. Pour the dry mix in the hole, positioning the post as soon as it is feasible.
4. Using the steel stiffener out of the panel, which is exactly 70.25" for the six foot wall and 95" for the eight foot wall, as a spacer, set the next post the same as the first.
5. Do not move the post which is now in position. Leave the panel stiffener spacer in place for one hour minimum, as concrete begins to cure, to keep the posts from moving. Set 3 to 4 posts with panel stiffeners as spacers, then advance them one at a time, by moving the first spacer placed. Allow the concrete to cure for a minimum of 24 to 48 hours.



Make sure post is straight, plumb, and evenly spaced

Tip

Note: All posts are reinforced with galvanized steel. If posts need to be cut, we suggest cutting them at the tip. Do not cut the top of the post.



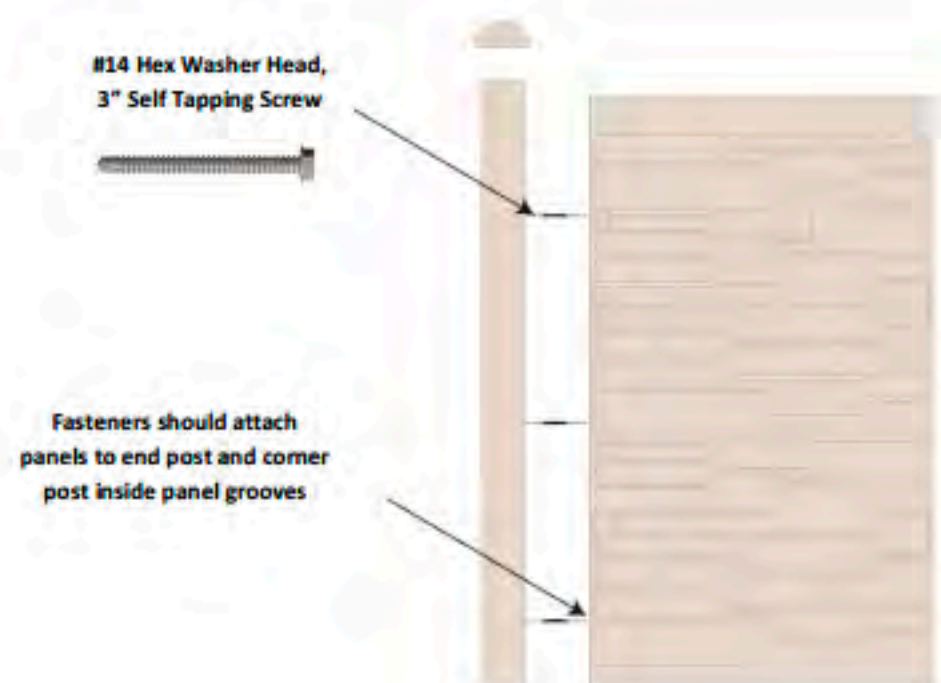
Step 5: Installing Panels

1. Panel support brackets must be attached to all posts.
2. Be certain steel stiffeners are inserted in the top and bottom rail of each panel; they come installed from the factory, but may have been removed to use as post spacers.
3. Panels are universal, with no front or back, and no top or bottom edge. Randomly installing panels gives the most pleasing aesthetic effect.
4. Lift the panel bottom edge to approximately 4' off the ground. Have one person flex the next post outward until the groove will receive the panel. Once the section is in the channel, ease the panel down onto the support brackets.
5. Install caps over the posts.
6. Caps are pressure fitted making securing them typically unnecessary; however, a 3" screw can be driven through the top of the cap into the middle of the post if desired.



Step 6: Securing Panels

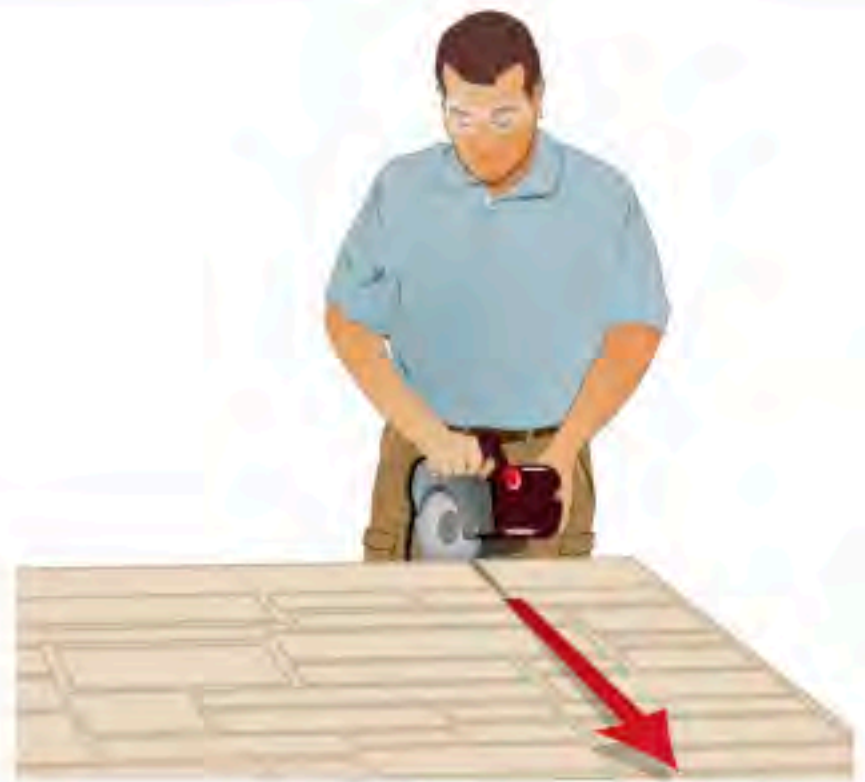
1. Panels must be attached to all six foot **gate posts** and **corner posts** because they could conceivably become disengaged from the post because of the shallower groove.
2. To prevent unauthorized panel removal, you can drive one fastener per panel through the panel edge into the post.
3. **Caution. Never attach both edges of any panel to posts.** Polyethylene has a degree of thermal expansion and contraction.



Step 7: Cutting Panels

Where a narrower panel is required to finish a wall, panels can be cut to any desired length.

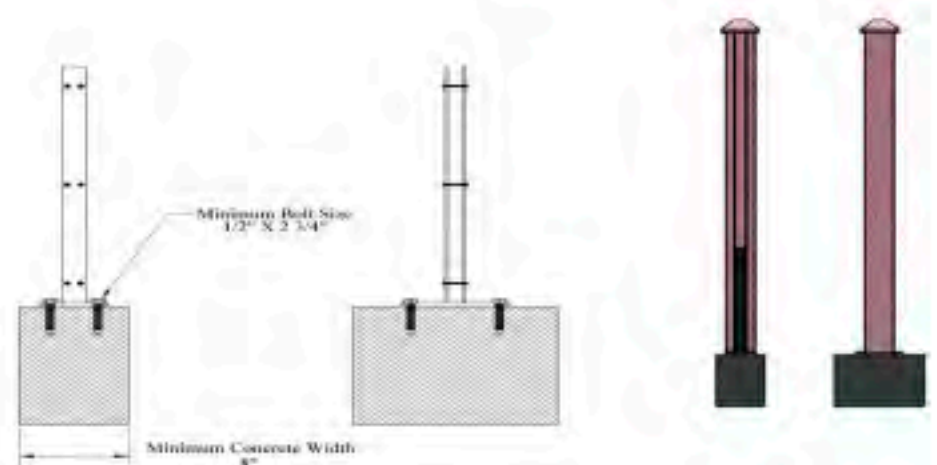
1. Remove steel stiffeners from panels. Determine the exact width between post channels. Mark and cut stiffeners to that width with a metal cutting blade.
2. Mark and cut the panel to the stiffener width, minus $\frac{1}{2}$ " to allow for thermal expansion and contraction of the panel. Make certain panels are cut accurately with edges parallel.
3. If a cut panel is used with an end or corner post, use the factory edge for attachment to the post.
4. For steeper slopes, panels can be cut so the step or drop in each section is 12" or less.



Installing on Retaining Wall

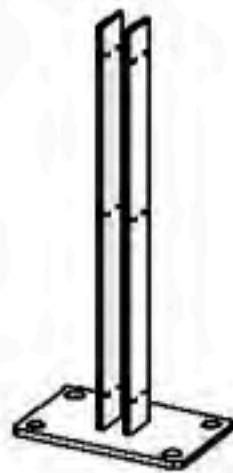
Can be installed on top of an 8" minimum width poured concrete wall or on flat concrete using Concrete Mounting Brackets. Concrete surface mounts are manufactured with a heavy steel plate with vertical members. It attaches to the concrete with anchors and bolts to the post. Specific concrete shoes are available for end post, line post and corner posts.

1. Cut the post to the desired height. Post may need to be cut longer to accommodate changes in elevation. Always cut off the bottom of the post, retaining the factory finished post top.
2. Panel support brackets are unnecessary when using concrete shoes. The Panels will set directly on the wall or driveway surface.
3. Start at the corner or an end post position. Locate the concrete shoe an equal distance from the edges of the concrete.
4. Mark the position of the plate. Drill all four holes through the pre-drilled holes in the steel plate.
5. Next install all the concrete anchor bolts in the base plate bolt holes provided with a minimum tension and shear strength of at least 4,000 lbs. Position the bolts to fasten the mounting place of the shoe.
6. Place the shoe over the bolt and attach the shoes to the concrete with specified fasteners

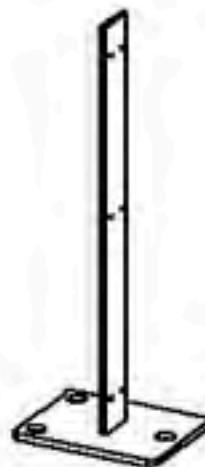


7. If the concrete is not level, washers may be placed over anchor bolts and before shoes are bolted down to serve as leveling devices.
8. Position the skirt covers over the shoes, covering the metal plates. Skirts must be inserted prior to posts being attached.
9. Attach the shoe straps to the posts with fasteners in pre-drilled holes. Each side of the strap gets three staggered screws installed from opposite sides of the post for line posts and three each for ends and corners.
10. With the first shoe anchored, and the post attached, determine and mark the next shoe position using a panel stiffener as a spacer. It will measure 71.5" (for 3' high and 6' high) from the center of the next post and 1" shorter for a line to a corner post. For 4' high and 8' high sections, it will measure 96" center to center.
11. Cut 7/8" of the bottom panel stiffer to accommodate the shoe strap and its screws. It is also recommended to remove 1/2" off the lower two feet on both sides of the panel edge to accommodate the shoe straps as well.
12. Mark and drill the holes for the next shoe.
13. Once all the shoes and posts are securely anchored to the wall and skirts are in place, insert the panels. Be certain that steel stiffeners are in both top and bottom rails of each panel.
14. Finally, place the caps on the post for a finished look.

Concrete Surface Mounts (Shoes)



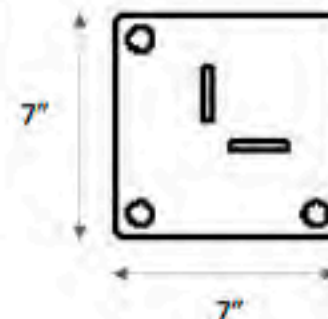
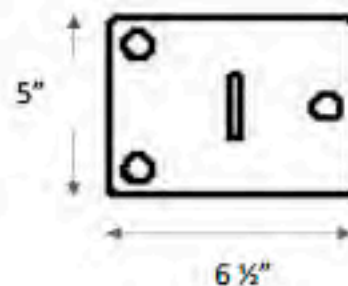
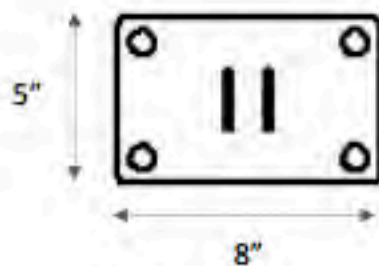
Line Shoe



End Shoe



Corner Shoe



Installation on Sloping Terrain



Caution: Fence is not engineered for use as a retaining wall.

Installation on sloping terrain is similar to that on flat terrain. Professionals typically use a laser to shoot and obtain a grade.

1. Set the first post on the uphill side. Post placement is important! Posts are typically placed at the point where the slope changes whether in a peak or a valley.
2. The panel support brackets should be pre-attached at 73 1/2" for 6' high or 98" for 8' high and can receive the downhill side of the panel at that height. Once the slope and the drop per panel have been determined, the bracket on the uphill side should be adjusted to the proper height. Panels will always be set level even on a slope.
3. Set the second post and make any adjustments to bracket position.
4. Use steel stiffeners for spacing to set the distance for each succeeding post.
5. Use a level on the stiffener to insure panels will be level when installed.
6. For more information see [illustration A and B](#)

Illustration A

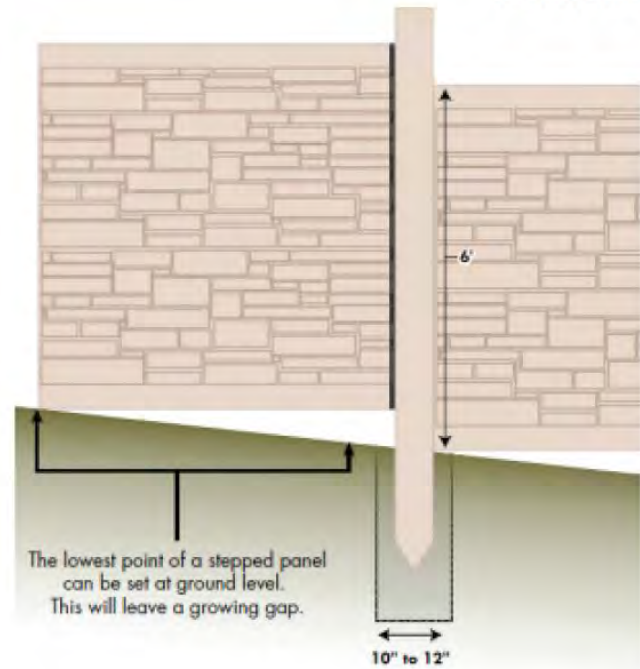
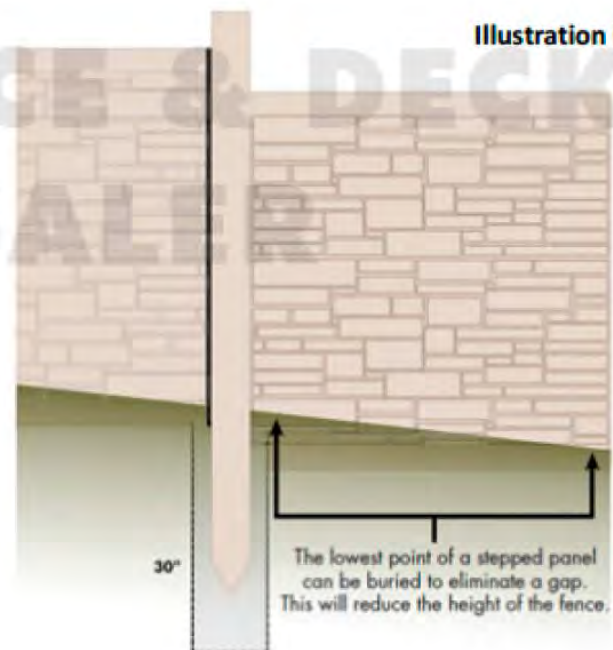


Illustration B



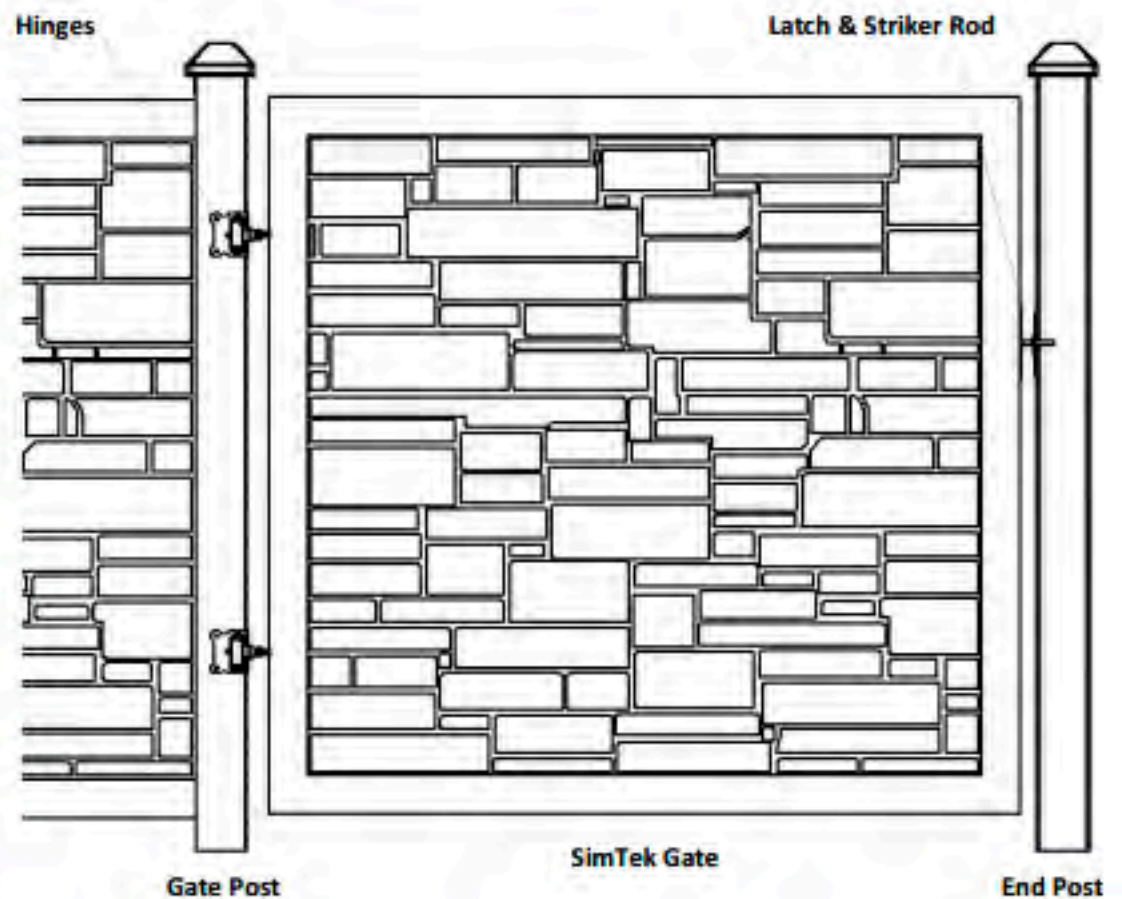
FYI

A 6' wide panel can be stepped as much as 12" per panel. For steeper elevations you can use our 142" long post. For more details and instructions call your sales representative

Gate Installation Guide

Gate Components and Tools Needed

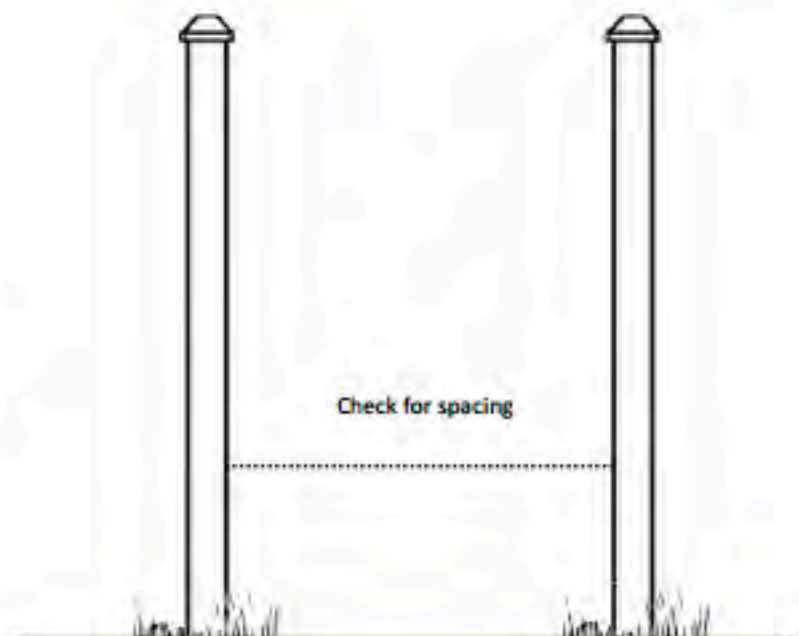
- Gate Post
- Fence Gate
- End Post
- Hinges
- Latch
- Striker Rod (optional)
- 2 ½" Self-tapping Screws
- Button Head Screws
- Level and Power Drill
- Concrete



Step #1: Set The Gate Post

Gate posts have extra steel reinforcing for strength and are different than all other posts. Before setting the post in the ground, make sure that a gate post (not an end post) is used

1. Dig a hole 10" to 12" in diameter by 30" to 36" deep in the ground.
2. The flat surface (without a channel) must be in position to receive the gate and gate hardware.
3. Post spacing is critical. The ideal spacing is to have a 1" gap between the latch post and the striker bar side of the gate and 1 ½" for the hinge side. The extra gap on the hinge side is to allow for thermal expansion and contraction.
4. Set the post utilizing the same method as for other posts and fill the hole with concrete. Allow the concrete to cure for 48 to 72 hours.



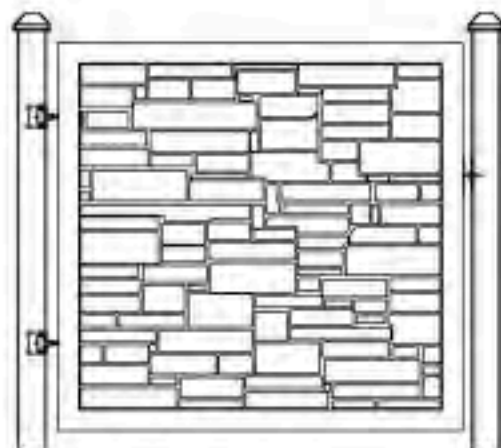
Step #2: Gate Openings

All gates require about a 1 ½" gap between the gate and the gate post, and about a 1" gap between the gate and the end post or between the two gates when using double gates.

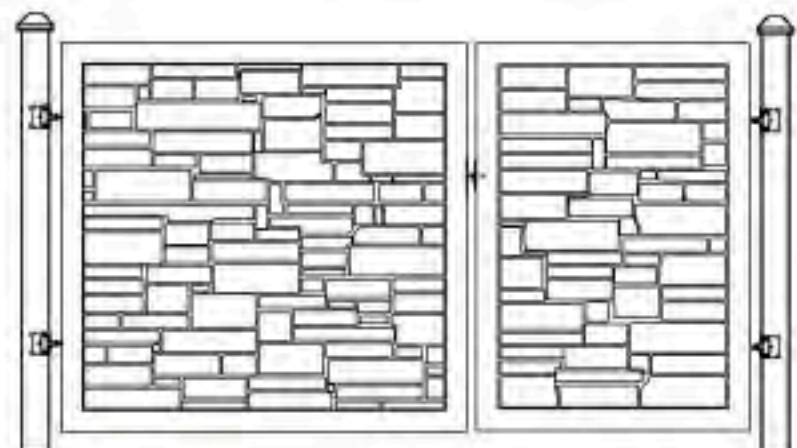
For a single gates, use one gate post and one end post. For double gates, use two gate posts.



Gate Size	Post Spacing
4' – Single 6'H x 4'W Gate	50 ½"
6' – Single 6'H x 6'W Gate	73 ½"
8' – Double 6'H x 4' Gate	100 ½"
10' – One 6' gate & one 4' Gate	123 ½"
12' – Double 6'H x 6'W Gate	146 ½"



- Single - 6' High x 6' Wide
- Single - 6' High x 4' Wide



- 8' Opening – Double 6'H x 4'W Wide Gate
- 10' Opening – One 6'W & one 4' Wide Gate
- 12' Opening – Double 6'H x 6' Wide Gate

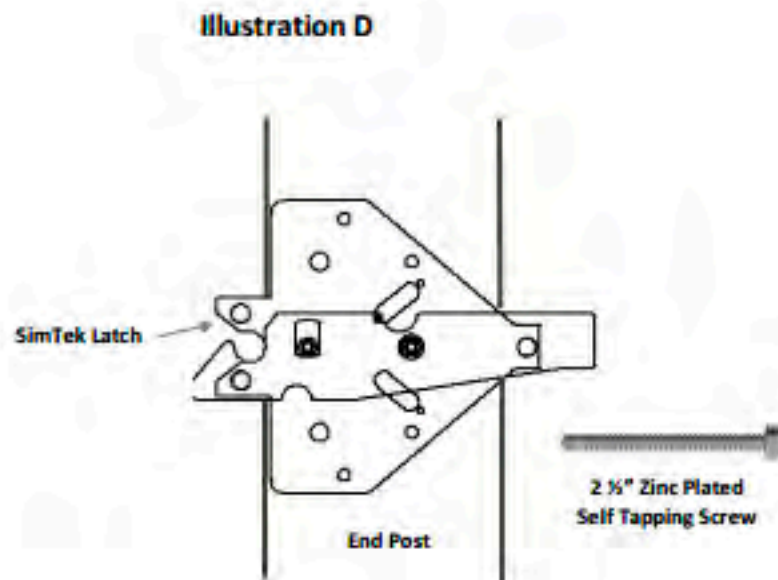
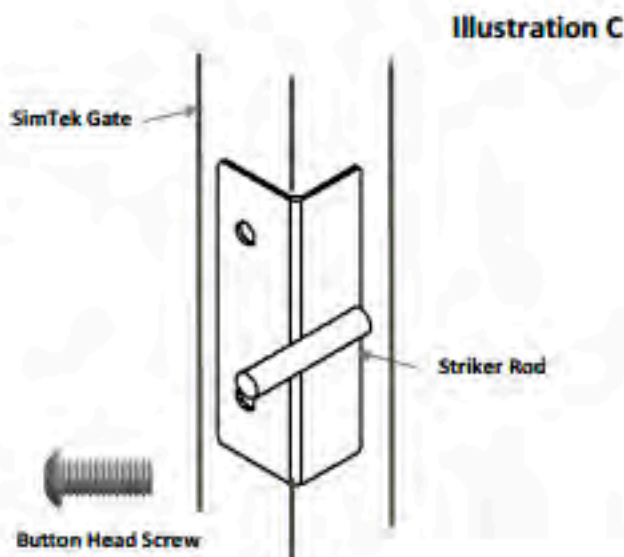
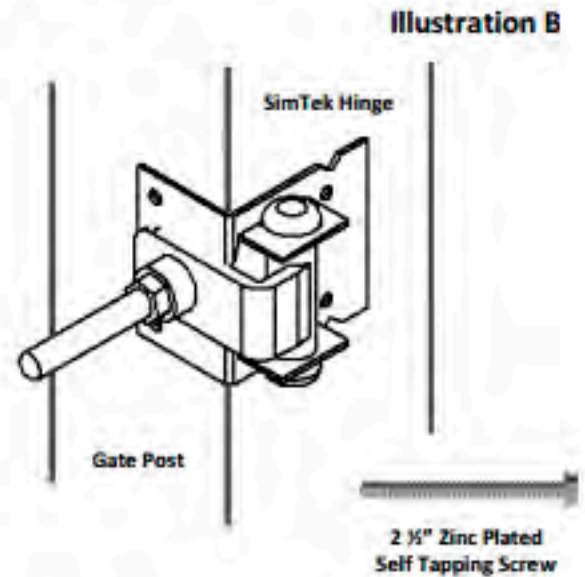
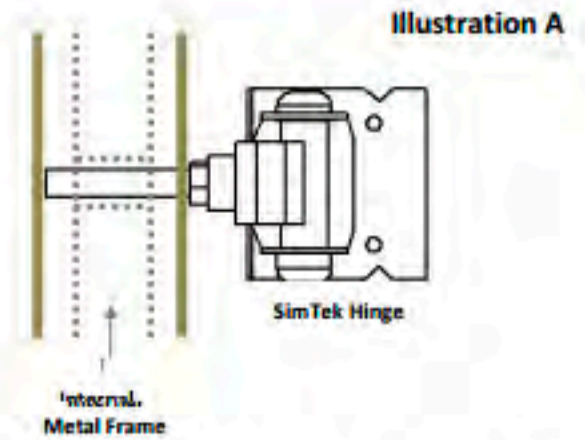
Step #3: Hardware & Installation

- A. Thread the $\frac{1}{2}$ " hinge rod into the upper and lower inserts in the gate metal frame leaving about $1\frac{1}{2}$ " from the edge of the gate to the bracket (this can be re-adjusted later)
- B. Next hold the gate and its hinges against the gate post at the proper position and height. Drill the provided $2\frac{1}{2}$ " self-tapping screws into the gate post.



Do not over tighten the screws because it can crush the internal foam, making an indentation in the post.

- C. Level the gate. The standard height should be level with the top of the fence panel. Gates are designed with a 4" gap at the bottom to facilitate an unobstructed swing. If you desire a gap smaller than 4", you may lower the gate relative to the fence panels.
- D. Attach the striker rod to the gate by using the provided button head screws.
- E. Finally, align the latch with the striker rod and attach the latch to the end post by using the supplied $2\frac{1}{2}$ " self-tapping screws.



APPENDIX D
Lima Vinyl Noise Wall
Construction
Photolog
(Source: CAP-STONE)



(01) Wall site looking SB



(02) Wall site looking SB with curve point



(03) Panel and posts as shipped



(04) Panel shipping label



(05) Post shipping label



(06) Wooden blocks under steel reinforcement, purpose unclear



(07) Bottom of posts as shipped with panel support brackets attached



(08) Removal of panel support brackets



(09) Panel mold ends differ in shape



(10) Deburring of panel edges



(11) Post hole drilling



(12) Clearing of dirt from drilled hole. 4 cubic-feet of concrete went into each posthole.



(13) Installation of lower panel support brackets



(14) Leveling panel bottom brace on brackets



(15) First post installed showing panel support bracket



(16) Backfill to cover gap between lower panel and ground



(17) Placing upper panel manually



(18) Propped up panel and readjusting for post cap



(19) Slight gap between some top and bottom panels due to burrs from form



(20) Slight gaps. Some of these gaps closed after being in the heat of day



(21) First 14 panels looking North, east face of wall



(22) Completed wall – west side looking North

APPENDIX E

Noise Measurement Plans



Pre-Construction Noise Measurement Plan Site #1: Lima Site

Project Description

The purpose of this project is to evaluate the acoustic effectiveness, cost feasibility, and overall benefits of using vinyl materials as a viable option for use as a noise wall. Two different vinyl materials will be used to construct and test a noise wall on two sites along major highways in Ohio. The acoustic effectiveness of the vinyl fence noise walls will be compared to that of nearby existing concrete noise walls. The comparisons will determine the advantages and disadvantages of using vinyl materials for traffic noise mitigation. The results of the project will be used to guide ODOT in future noise mitigation implementation strategies in a more cost-effective way.

Noise Measurement Plan

The Noise Measurement Plan (NMP) provides acoustical testing methodology for the Ohio field testing activities to be carried out for this research project. This NMP is developed in accordance with the Noise Manual provided by the Ohio Department of Transportation (ODOT) as well as the Noise Measurement Field Guide provided by the Federal Highway Administration (FHWA). As defined by FHWA's Noise Measurement Field Guide, the purpose of measurements of a highway noise barrier is to establish existing noise levels within a project study area to help determine the effectiveness of the noise abatement measure. In this research study, measurements of existing noise levels and of highway noise barrier insertion loss (IL) will be recorded to help determine the acoustic effectiveness of a vinyl fence used as a noise barrier. IL is the difference in sound level at a receptor location with and without the presence of a noise barrier, assuming no change in the sound level of the source (Source: FHWA Noise Measurement Handbook).

The complete NMP consists of a pre-construction noise measurement plan as well as a post-construction noise measurement plan for two sites. The pre-construction NMP is for site measurements before the vinyl fences are constructed, and the post-construction NMP is to make perform measurements after the vinyl fence is constructed and at nearby existing concrete noise walls for comparison. This NMP consists of a pre-construction noise measurement plan for one of the two test sites – Site #1, an ODOT-owned property in Lima, Ohio along I-75 Southbound just north of E. 4th Street (see **Exhibit 1**).

Measurement Procedures

The field protocol for this project will follow Sec. 6.1.2.2 of the FHWA guidance, Measurement of Highway Related Noise, in regard to barrier insertion loss measurements. Equipment and instrumentation will be set up at the locations where field readings will be taken, and pre-measurement checks will be performed. Measurements will extend up to 200 feet behind the vinyl fence noise wall. During each round, measurements will be taken at five (5) locations in the center of the proposed vinyl fence location, that is at the 200-foot point of the 400-foot wall due to the short length of the vinyl fence (see **Exhibit 1**). Traffic counts will also be taken during the noise measurements. The five (5) readings will be taken at the follow locations:

1. 5 feet above the top or the front of the proposed vinyl fence location
2. 5 feet behind the proposed noise wall location – perpendicular to wall
3. 50 feet behind the proposed noise wall location – perpendicular to wall
4. 100 feet behind the proposed noise wall location – perpendicular to wall
5. 200 feet behind the proposed noise wall location – perpendicular to wall



Sampling Period

The below factors will be used to select the appropriate sampling periods for the noise measurements:

1. **Time of the day:** Measurements will be taken during normal traffic flow hours on Tuesdays, Wednesdays or Thursdays.
2. **Environmental conditions:** Measurements will be taken under suitable meteorological conditions, such as wind speed under 10 mph, dry pavement, and moderate temperatures and humidity.
3. **Duration of measurements:** All field readings will have a duration of 15 minutes, during which there will be close monitoring of traffic flow and environmental conditions.
4. **Rounds of measurements:** Readings will be taken for three (3) rounds in order to normalize the data.

Exhibit 1: Site #1 Pre-Construction Noise Measurement Locations





Post-Construction Noise Measurement Plan Site #1: Lima Site

Project Description

The purpose of this project is to evaluate the acoustic effectiveness, cost feasibility, and overall benefits of using vinyl materials as a viable option for use as a noise wall. A vinyl material will be used to construct and test a noise wall on one site along major highway in Ohio and two existing vinyl walls located in states outside Ohio will be tested. The acoustic effectiveness of the three vinyl fence noise walls will be compared to each other and with that of the nearby existing concrete noise wall. The comparisons will determine the advantages and disadvantages of using vinyl materials for traffic noise mitigation. The results of the project will be used to guide the Ohio Department of Transportation (ODOT) in future noise mitigation implementation strategies in a more cost-effective way.

Noise Measurement Plan

The Noise Measurement Plan (NMP) provides acoustical testing methodology for the Ohio field testing activities to be carried out for this research project. This NMP is developed in accordance with the Noise Manual provided by the Ohio Department of Transportation (ODOT) as well as the Noise Measurement Field Guide provided by the Federal Highway Administration (FHWA). As defined by FHWA's Noise Measurement Field Guide, the purpose of measurements of a highway noise barrier is to establish existing noise levels within a project study area to help determine the effectiveness of the noise abatement measure. In this research study, measurements of existing noise levels and of highway noise barrier insertion loss (IL) will be recorded to help determine the acoustic effectiveness of a vinyl fence used as a noise barrier. IL is the difference in sound level at a receptor location with and without the presence of a noise barrier, assuming no change in the sound level of the source (Source: FHWA Noise Measurement Handbook).

The complete NMP consists of a pre-construction noise measurement plan as well as a post-construction noise measurement plan for sites in Ohio. The pre-construction NMP is for site measurements before the vinyl fence is constructed, and the post-construction NMP is to perform measurements after the vinyl fence is constructed and at nearby existing concrete noise wall for comparison. This NMP consists of a post-construction noise measurement plan for the vinyl fence constructed along an ODOT-owned property in Lima, Ohio along I-75 Southbound just north of E. 4th Street (see **Exhibit 1**) and for the existing concrete noise wall in Lima, Ohio located along I-75 Northbound just north of CR309 (see **Exhibit 2**).

Measurement Procedures

The field protocol for this project will follow Sec. 6.1.2.2 of the FHWA guidance, Measurement of Highway Related Noise, in regard to barrier insertion loss measurements. Equipment and instrumentation will be set up at the locations where field readings will be taken, and pre-measurement checks will be performed. Measurements will extend up to 200 feet behind the vinyl fence noise wall. During each round, measurements will be taken at five (5) locations in the center of the vinyl fence, that is at the 200-foot point of the 400-foot wall due to the short length of the vinyl fence (see **Exhibit 1**). The five (5) readings will be taken at the follow locations:

1. 5 feet above the top or the front of the vinyl fence wall
2. 5 feet behind the vinyl fence wall – perpendicular to wall
3. 50 feet behind the vinyl fence wall – perpendicular to wall



4. 100 feet behind the vinyl fence wall – perpendicular to wall
5. 200 feet behind the vinyl fence wall – perpendicular to wall

Similarly, during each round, measurements will be taken at five (5) locations along E Elm St. located approximately at the mid-point of the 2,850 feet long traditional concrete wall (see **Exhibit 2**). The five (5) readings will be taken at the follow locations:

1. 5 feet above the top or the front of the concrete noise wall
2. 5 feet behind the concrete noise wall – perpendicular to wall
3. 50 feet behind the concrete noise wall – perpendicular to wall
4. 100 feet behind the concrete noise wall – perpendicular to wall
5. 200 feet behind the concrete noise wall – perpendicular to wall

Sampling Period

The below factors will be used to select the appropriate sampling periods for the noise measurements:

1. **Time of the day:** Measurements will be taken during normal traffic flow hours on Tuesdays, Wednesdays or Thursdays.
2. **Environmental conditions:** Measurements will be taken under suitable meteorological conditions, such as wind speed under 10 mph, dry pavement, and moderate temperatures and humidity.
3. **Duration of measurements:** All field readings will have a duration of 15 minutes, during which there will be close monitoring of traffic flow and environmental conditions. Traffic counts will also be taken during the noise measurements.
4. **Rounds of measurements:** Readings will be taken for three (3) rounds in order to normalize the data.

Exhibit 1: Vinyl Fence Wall Post-Construction Noise Measurement Locations



Exhibit 2: Traditional Concrete Noise Wall Noise Measurement Locations





Lima - Second Iteration Noise Measurement Plan

Project Description

The purpose of this project is to evaluate the acoustic effectiveness, cost feasibility, and overall benefits of using vinyl materials as a viable option for use as a noise wall. A vinyl material will be used to construct and test a noise wall on one site along major highway in Ohio and two existing vinyl walls with one located in Ohio and the other in states outside Ohio will be tested. The acoustic effectiveness of the three vinyl fence noise walls will be compared to each other and with that of the nearby existing concrete noise walls as well as with sites without any wall. The comparisons will determine the advantages and disadvantages of using vinyl materials for traffic noise mitigation. The results of the project will be used to guide the Ohio Department of Transportation (ODOT) in future noise mitigation implementation strategies in a more cost-effective way.

Noise Measurement Plan

The Noise Measurement Plan (NMP) provides acoustical testing methodology for the Ohio field testing activities to be carried out for this research project. This NMP is developed in accordance with the Noise Manual provided by the Ohio Department of Transportation (ODOT) as well as the Noise Measurement Field Guide provided by the Federal Highway Administration (FHWA). As defined by FHWA's Noise Measurement Field Guide, the purpose of measurements of a highway noise barrier is to establish existing noise levels within a project study area to help determine the effectiveness of the noise abatement measure. In this research study, measurements of existing noise levels and of highway noise barrier insertion loss (IL) will be recorded to help determine the acoustic effectiveness of a vinyl fence used as a noise barrier. IL is the difference in sound level at a receptor location with and without the presence of a noise barrier, assuming no change in the sound level of the source (Source: FHWA Noise Measurement Handbook).

This NMP consists of a second iteration of noise measurement readings for the vinyl fence constructed along an ODOT-owned property in Lima, Ohio along I-75 Southbound just north of E. 4th Street and for a nearby site (a private Ford car dealership) without any wall located just northeast of the ODOT property in Lima on the other side of the Interstate.

Measurement Procedures

The field protocol for this project will follow Sec. 6.1.2.2 of the FHWA guidance, Measurement of Highway Related Noise, in regard to barrier insertion loss measurements. Equipment and instrumentation will be set up at the locations where field readings will be taken, and pre-measurement checks will be performed. Measurements will extend up to 200 feet behind the vinyl fence noise wall. During each round, measurements will be taken at five (5) locations in the center of the vinyl fence, that is at the 200-foot point of the 400-foot wall due to the short length of the vinyl fence (see **Exhibit 1**). The five (5) readings will be taken at the follow locations:

1. 5 feet above the top or the front of the vinyl fence wall
2. 5 feet behind the vinyl fence wall – perpendicular to wall
3. 50 feet behind the vinyl fence wall – perpendicular to wall
4. 100 feet behind the vinyl fence wall – perpendicular to wall
5. 200 feet behind the vinyl fence wall – perpendicular to wall



Similarly, during each round, measurements will be taken at five (5) locations behind the R/W fence in the parking lot of Reineke Ford of Lima, a private Ford car dealership. It is located just northeast of the ODOT property also along I-75 at 1360 Greely Chapel Rd, Lima, OH 45804. No wall currently exists at this location (see **Exhibit 2**). Measurements at this location present a comparison of a site with a wall/fence to a site with no wall/fence. The five (5) readings will be taken at the following locations perpendicular to the R/W fence.

1. At and on top of the R/W fence between I-75 and the dealership
2. 5 feet from the R/W fence between I-75 and the dealership
3. 50 feet from the R/W fence between I-75 and the dealership
4. 100 feet from the R/W fence between I-75 and the dealership
5. 200 feet from the R/W fence between I-75 and the dealership

Sampling Period

The below factors will be used to select the appropriate sampling periods for the noise measurements:

1. **Time of the day:** Measurements will be taken during normal traffic flow hours on Tuesdays, Wednesdays or Thursdays.
2. **Environmental conditions:** Measurements will be taken under suitable meteorological conditions, such as wind speed under 10 mph, dry pavement, and moderate temperatures and humidity.
3. **Duration of measurements:** All field readings will have a duration of 15 minutes, during which there will be close monitoring of traffic flow and environmental conditions. Traffic counts will also be taken during the noise measurements.
4. **Rounds of measurements:** Readings will be taken for three (3) rounds in order to normalize the data.

Exhibit 1: Lima Vinyl Fence - Second Iteration - Noise Measurement Locations



Exhibit 2: Lima – No Wall Site - Noise Measurement Locations



● Noise Reading Locations



Gables of Green Noise Measurement Plan Green, Ohio

Project Description

The purpose of this project is to evaluate the acoustic effectiveness, cost feasibility, and overall benefits of using vinyl materials as a viable option for use as a noise wall. A vinyl material will be used to construct and test a wall on one site along major highway in Ohio, and two existing vinyl walls with one located in Ohio and the other in states outside Ohio will be tested. The acoustic effectiveness of the three vinyl fence noise walls will be compared to each other and with that of the nearby existing concrete noise walls as well as with sites without any wall. The comparisons will determine the advantages and disadvantages of using vinyl materials for traffic noise mitigation. The results of the project will be used to guide the Ohio Department of Transportation (ODOT) in future noise mitigation implementation strategies in a more cost-effective way.

Noise Measurement Plan

The Noise Measurement Plan (NMP) provides acoustical testing methodology for the Ohio field testing activities to be carried out for this research project. This NMP is developed in accordance with the Noise Manual provided by the Ohio Department of Transportation (ODOT) as well as the Noise Measurement Field Guide provided by the Federal Highway Administration (FHWA). As defined by FHWA's Noise Measurement Field Guide, the purpose of measurements of a highway noise barrier is to establish existing noise levels within a project study area to help determine the effectiveness of the noise abatement measure. In this research study, measurements of existing noise levels and of highway noise barrier insertion loss (IL) will be recorded to help determine the acoustic effectiveness of a vinyl fence used as a noise barrier. IL is the difference in sound level at a receptor location with and without the presence of a noise barrier, assuming no change in the sound level of the source (Source: FHWA Noise Measurement Handbook).

This NMP consists of noise a measurement plan for the vinyl fence constructed on the east side of The Gables of Green, an assisted living facility in Green, Ohio along I-77 Southbound just north of Graybill Road.

Measurement Procedures

The field protocol for this project will follow Sec. 6.1.2.2 of the FHWA guidance, Measurement of Highway Related Noise, in regard to barrier insertion loss measurements. Equipment and instrumentation will be set up at the locations where field readings will be taken, and pre-measurement checks will be performed. Measurements will extend up to 50 feet behind the vinyl fence noise wall. During each round, measurements will be taken at four (4) locations from the midpoint of the vinyl fence, and perpendicular to it (see **Exhibit 1**). The four (4) readings will be taken at the following locations:

1. 5 feet above the top or the front of the vinyl fence wall
2. 5 feet behind the vinyl fence wall – perpendicular to wall
3. 25 feet behind the vinyl fence wall – perpendicular to wall
4. 50 feet behind the vinyl fence wall – perpendicular to wall



Similarly, during each round, measurements will be taken at a nearby location adjacent to I-77 southbound with no wall/fence present (**Exhibit 1**). These measurements will be compared to that of the vinyl wall site. The four (4) readings will be taken at the following locations:

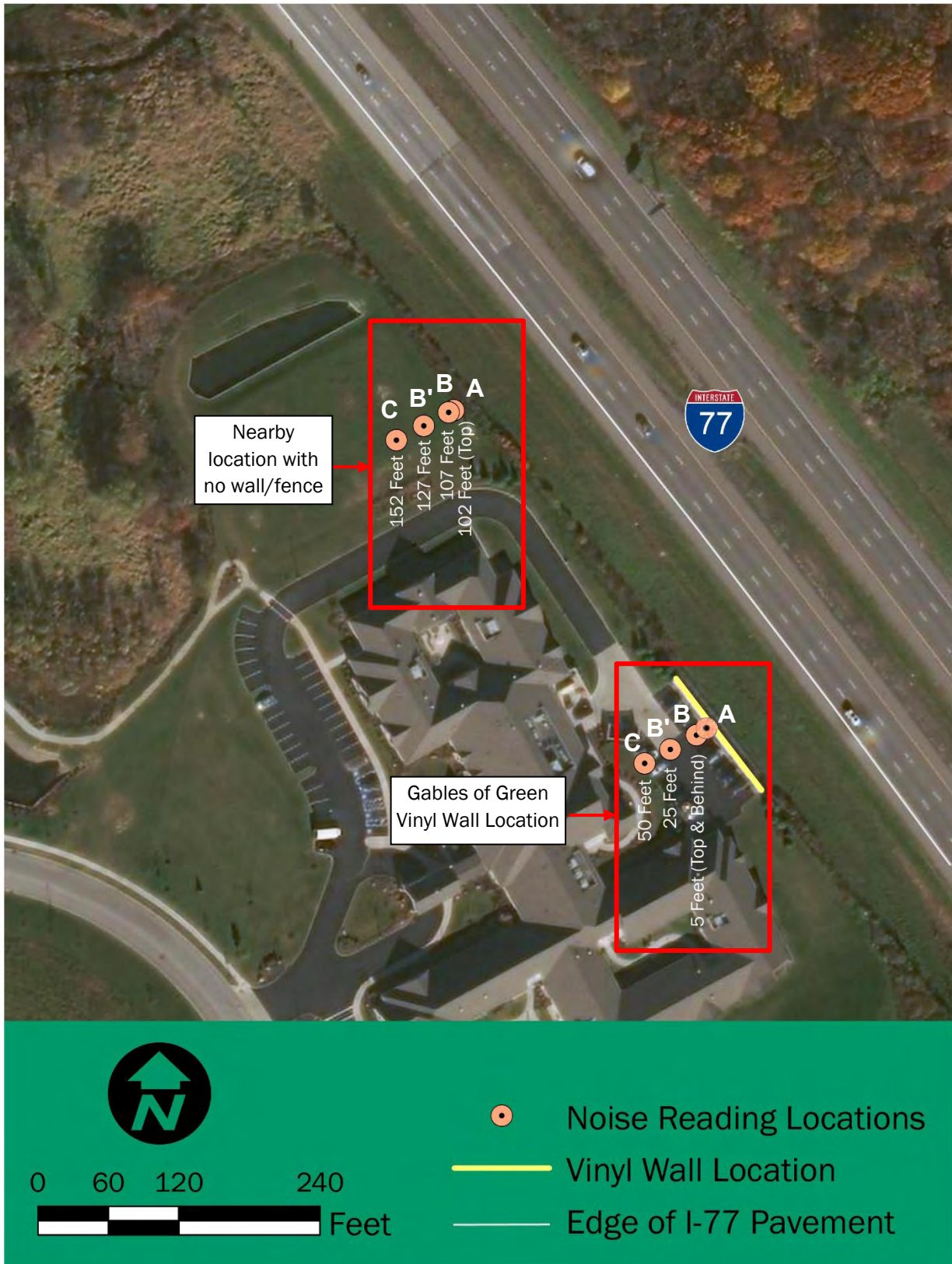
1. 102 feet from the edge of the I-77 Pavement and at a height equivalent to 1.5 m above the top of the vinyl fence - perpendicular to the R/W fence
2. 107 feet from the edge of the I-77 Pavement - perpendicular to the R/W fence
3. 127 feet from the edge of the I-77 Pavement - perpendicular to the R/W fence
4. 152 feet from the edge of the I-77 Pavement - perpendicular to the R/W fence

Sampling Period

The below factors will be used to select the appropriate sampling periods for the noise measurements:

1. **Time of the day:** Measurements will be taken during normal traffic flow hours on Tuesdays, Wednesdays or Thursdays.
2. **Environmental conditions:** Measurements will be taken under suitable meteorological conditions, such as wind speed under 10 mph, dry pavement, and moderate temperatures and humidity.
3. **Duration of measurements:** All field readings will have a duration of 15 minutes, during which there will be close monitoring of traffic flow and environmental conditions. Traffic counts will also be taken during the noise measurements.
4. **Rounds of measurements:** Readings will be taken for three (3) rounds in order to normalize the data.

Exhibit 1: Green, Ohio Noise Measurement Locations





Noise Measurement Plan Richmond, Virginia

Project Description

The purpose of this project is to evaluate the acoustic effectiveness, cost feasibility, and overall benefits of using vinyl materials as a viable option for use as a noise wall. A vinyl material will be used to construct and test a noise wall on one site along major highway in Ohio and two existing vinyl walls located in states outside Ohio will be tested. The acoustic effectiveness of the three vinyl fence noise walls will be compared to each other and with that of the nearby existing concrete noise wall. The comparisons will determine the advantages and disadvantages of using vinyl materials for traffic noise mitigation. The results of the project will be used to guide the Ohio Department of Transportation (ODOT) in future noise mitigation implementation strategies in a more cost-effective way.

Noise Measurement Plan

The Noise Measurement Plan (NMP) provides acoustical testing methodology for the Virginia field testing activities to be carried out for this research project. This NMP is developed in accordance with the Noise Manual provided by ODOT as well as the Noise Measurement Field Guide provided by the Federal Highway Administration (FHWA). As defined by FHWA's Noise Measurement Field Guide, the purpose of measurements of a highway noise barrier is to establish existing noise levels within a project study area to help determine the effectiveness of the noise abatement measure. In this research study, measurements of existing noise levels and of highway noise barrier insertion loss (IL) will be recorded to help determine the acoustic effectiveness of a vinyl fence used as a noise barrier. IL is the difference in sound level at a receptor location with and without the presence of a noise barrier, assuming no change in the sound level of the source (Source: FHWA Noise Measurement Handbook).

This NMP consists of the noise measurement plan for the vinyl privacy fence constructed by the Virginia DOT in Richmond, Virginia 23227 along I-64 Northbound (see **Exhibit 1**). The wall is approximately 1,100 feet long and is installed along Rosedale Avenue between Oak Lane Avenue and Maple Shade Lane. The NMP also consists of the noise measurement plan for readings to be taken at a site behind an existing concrete noise wall along the same highway. The site selected for this purpose immediately west of the intersection of Little John Rd. and Loxley Rd. See **Exhibit 2**).

Measurement Procedures

The field protocol for this project will follow Sec. 6.1.2.2 of the FHWA guidance, Measurement of Highway Related Noise, regarding barrier insertion loss measurements. Equipment and instrumentation will be set up at the locations where field readings will be taken, and pre-measurement checks will be performed. Measurements will be taken along Elmsmere Avenue located at approximately 550 feet from the south end of the wall. During each round, readings will be taken at five (5) locations that will extend up to 200 feet behind the vinyl privacy fence. Traffic counts will also be taken during the noise measurements. The five (5) readings will be taken at the following locations:

1. 5 feet above the top or the front of the vinyl fence location
2. 5 feet behind the vinyl privacy fence location along Elmsmere Avenue
3. 50 feet behind the vinyl privacy fence location along Elmsmere Avenue
4. 100 feet behind the vinyl privacy fence location along Elmsmere Avenue
5. 200 feet behind the vinyl privacy fence location along Elmsmere Avenue



Similarly, the five (5) readings at the site behind the existing concrete noise wall will extend up to 200 feet from just behind the existing concrete noise wall at the intersection of Little John Rd./Loxley Rd. and will be taken at the following locations.

1. 5 feet above the top or in front of the existing concrete noise wall near the intersection of Little John Rd./Loxley Rd.
2. 5 feet behind the existing concrete noise wall near the intersection of Little John Rd./Loxley Rd.
3. 50 feet behind the existing concrete noise wall near the intersection of Little John Rd./Loxley Rd.
4. 100 feet behind the existing concrete noise wall near the intersection of Little John Rd./Loxley Rd.
5. 200 feet behind the existing concrete noise wall near the intersection of Little John Rd./Loxley Rd.

Sampling Period

The below factors will be used to select the appropriate sampling periods for the noise measurements:

1. **Time of the day:** Measurements will be taken during normal traffic flow hours on Tuesdays, Wednesdays or Thursdays.
2. **Environmental conditions:** Measurements will be taken under suitable meteorological conditions, such as wind speed under 10 mph, dry pavement, and moderate temperatures and humidity.
3. **Duration of measurements:** All field readings will have a duration of 15 minutes, during which there will be close monitoring of traffic flow and environmental conditions.
4. **Rounds of measurements:** Readings will be taken for three (3) rounds in order to normalize the data.

Exhibit 1: Richmond, Virginia Noise Measurement Locations



Exhibit 2: Richmond, Virginia Noise Southern Measurement Locations



APPENDIX F
Gables of Green
Property Owner
Letter



September 13, 2021

**RE: Acoustic Effectiveness of Vinyl Fence installed between the Gables of Green property and I-77 in Green Ohio.
ODOT Study: Acoustic Effectiveness of Vinyl Fence/Noise Wall; PID 111466**

Dear Property Owner/Occupant:

The Ohio Department of Transportation (ODOT) is currently conducting a noise wall study to determine the acoustic effectiveness of the vinyl fence installed along the eastern property line of Gables of Green in the City of Green, Ohio. The study will determine the noise abatement level at several locations behind the vinyl fence.

As part of the study, various tasks are required in the field. To perform this field work, it may be necessary for work crews from our consultants, Burton Planning Services to enter upon your property backyard to place noise monitors that consist of microphones on tripods to monitor traffic noise levels. It is likely that a crew will be on your property as much as three times a day to check the noise monitoring devices. Work is currently planned to take place within the next 30 days, weather permitting. The work crews are not involved in any noise mitigation development. They will simply be collecting data necessary for the noise study. In addition to sending this notification, our representatives will carry full personal identification and will be wearing brightly colored safety vests. They will attempt to inform the front desk when they first enter a property and when they have completed their work on the property.

Sections 5517.01 and 163.02 of the Ohio Revised Code authorize such entries but also require that reimbursement be made for any actual damage resulting from such work. The work crews have received strict instructions concerning the preservation of private property and public lands. In the event that any valuable vegetation must be cleared to accomplish our work, you will be notified of the procedure for preparing a claim for reimbursement. In all cases, however, removal of vegetation as well as other damage will be held to a minimum. If, at any time, you feel that our representatives have not given proper attention to private property, please notify me at once.

We sincerely appreciate your cooperation and assistance so this worthwhile study can be completed at the earliest possible date. If you would like to comment or need any additional information about the study, please contact me at 614-466-5222 or by email at Noel.Alcala@dot.ohio.gov

Respectfully,

Noel Alcala, P.E.
Noise and Air Quality Coordinator
ODOT-Office of Environmental Services
Columbus, OH 43223

APPENDIX G

Acoustic Testing Photologs



(01) Drone aerial image of Lima, OH prior to vinyl wall construction



(02) BPS field work crew in Lima, OH prior to vinyl wall construction



(03) Meters A, B, and C in Lima, OH prior to vinyl wall construction



(04) Meter C, D, and E in Lima, OH prior to vinyl wall construction



(05) Meter E in Lima, OH prior to vinyl wall construction



(06) Drone aerial image of Meters A, B, C, D, and E, at Lima, OH prior to vinyl wall construction



(07) Meter A (top of the wall) in Lima, OH after vinyl wall construction



(08) Meter B in Lima, OH after vinyl wall construction



(09) Meter C in Lima, OH after vinyl wall construction



(10) Meter D in Lima, OH after vinyl wall construction



(11) Drone aerial image of Meter A and B in Lima, OH after vinyl wall construction



(12) Meters A, B, C, and D in Lima, OH after vinyl wall construction



(13) Meter E (beside crew members) in Lima, OH after vinyl wall construction



(14) Meter A (top of the wall) in Lima, OH at the concrete wall site



(15) Meter B in Lima, OH at the concrete wall site



(16) Meter C in Lima, OH at the concrete wall site



(17) Meter D in Lima, OH at the concrete wall site



(18) Meter E in Lima, OH at the concrete wall site



(19) Meter A and B in Lima, OH at the no wall site (Ford Center)



(20) Meter C in Lima, OH at the no wall site (Ford Center)



(21) Meter A in Green, OH at the vinyl wall site



(22) Meter B in Green, OH at the vinyl wall site



(23) Meter A, B, and B' in Green, OH at the vinyl wall site



(24) Meter A, B, B', and C in Green, OH at the vinyl wall site



(25) Meter A in Green, OH at the no wall site



(26) Meter B in Green, OH at the no wall site



(27) Meter B' in Green, OH at the no wall site



(28) Meter C in Green, OH at the no wall site



(29) Meter A in Richmond, VA at the vinyl privacy fence site



(30) Meter B in Richmond, VA at the vinyl privacy fence site



(31) Meter C in Richmond, VA at the vinyl privacy fence site



(32) Meter D in Richmond, VA at the vinyl privacy fence site



(33) Meter E in Richmond, VA at the vinyl privacy fence site



(34) Meter A in Richmond, VA at the concrete wall site



(35) Meter B in Richmond, VA at the concrete wall site



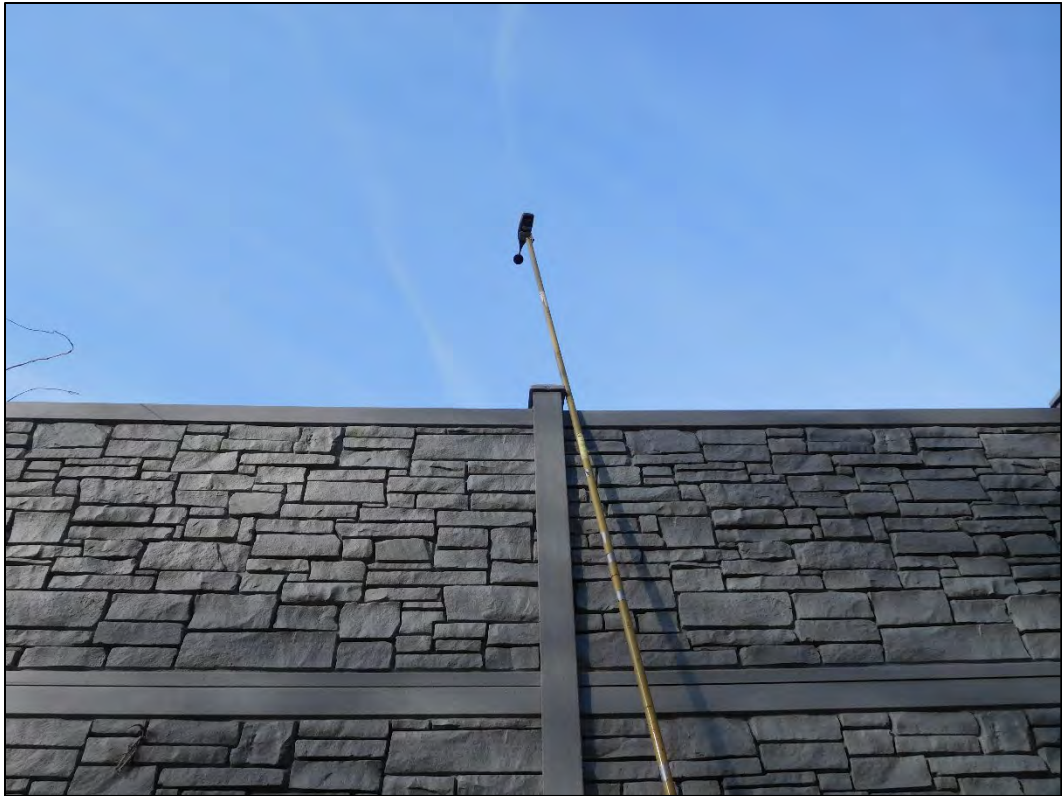
(36) Meter C in Richmond, VA at the concrete wall site



(37) Meter D in Richmond, VA at the concrete wall site



(38) Meter E in Richmond, VA at the concrete wall site



(39) Meter A in Richmond, VA at the vinyl privacy fence site



(40) Meter B in Richmond, VA at the vinyl privacy fence site



(41) Meter C in Richmond, VA at the vinyl privacy fence site



(42) Meter D in Richmond, VA at the vinyl privacy fence site



(43) Meter E in Richmond, VA at the vinyl privacy fence site



(44) Meter E with fieldwork crew in Richmond, VA at the vinyl privacy fence site

APPENDIX H

Field Work Data Sheets

NOISE READINGS SUMMARY SHEET

Date(s)	7-29-21
Project Name	Vinyl Noise Wall Research - Lima Phase II
Site/Address	I-75 @ E 4 th ST ODOT / I-75 @ 1360 Gandy Chapel Rd
Observer Name(s)	Elvin P. Kline, Jr. I-75 @ 1360 Gandy Chapel Rd

Analyzer Information

Meter Model	Quest Sound Pro SE/DL
Meter #	1
Mic Height	E. 4 th ST SITE 13' ± / 1360 Gandy Chapel Rd 13' ±
Mic Distance from Barrier	TOW

General Meteorological Conditions

Weather Conditions & Cloud Cover		Pty Cloud				
Temperature(s) (F)	AM	58	Midday	78	PM	76
Wind Speed(s) (mph)	AM	<6	Midday	<6	PM	<6
Wind Direction(s)	AM	ESE	Midday	ESE	PM	NE

Data Collection

Sl #	Road Name/Address	Start Time	Duration (min)	L _{min} (dBA)	L _{max} (dBA)	L _{eq} (dBA)
1	I-75 @ E. 4 th ST. ODOT	9:20	15	62.0	86.8	77.0
2	I-75 @ 1360 Gandy Chapel Rd.	10:20	15	61.0	90.6	79.5
3	I-75 @ Elm ST. ^{EXIST.} CONCR	11:20	15	67.3	93.6	81.5
4	I-75 @ E. 4 th ST ODOT	1:10	15	59.2	86.8	77.3
5	I-75 @ 1360 Gandy Chapel Rd.	1:57	15	63.0	88.3	79.5
6	I-75 @ Elm ST. ^{EXIST.} CONCR	2:46	15	60.9	88.3	81.5

VINYL
 NOISE WALL
 CONCR
 VINYL
 NOISE WALL
 CONCR

NOISE READINGS SUMMARY SHEET

Date(s)	7-29-21
Project Name	Vibr. Noise Wall Research
Site/Address	I-75 @ 4 th ST - DDOT / I-75 @ Gasky Chapel Rd / I-75 @ East Conn.
Observer Name(s)	Elvin R. Kevin B.

Analyzer Information

Meter Model	Quest Sound Pro SE/SL
Meter #	5
Mic Height	5'
Mic Distance from Barrier	200'

General Meteorological Conditions

Weather Conditions & Cloud Cover		Partly Cloudy				
Temperature(s) (F)	AM	58	Midday	72	PM	76
Wind Speed(s) (mph)	AM	< 6	Midday	< 6	PM	< 6
Wind Direction(s)	AM	ESE	Midday	ESE	PM	NE

Data Collection

Sl #	Road Name/Address	Start Time	Duration (min)	Leq (dBA)	Leq (dBA)	Leq (dBA)
1	I-75 @ 4 th ST - DDOT	9:20	15	57.4	75.4	63.5
2	I-75 @ 1360 Gasky Chapel Rd.	10:20	15	52.0	72.6	60.9
3	I-75 @ Elm St. East Conn.	11:20	15	53.4	74.9	60.2
4	I-75 @ 4 th ST. DDOT	11:18	15	55.7	78.0	67.6
5	I-75 @ 1360 Gasky Chapel Rd.	11:57	15	55.1	76.1	65.2
6	I-75 @ Elm St. East Conn.	2:46	15	52.9	71.2	60.9
	^ TRAFFIC NOISE FROM					
	Bayn Plank Rd.					

Vibr. NO WALL CONC. Vibr. NO WALL CONC.

NOISE READINGS SUMMARY SHEET

Date(s)	10-5-21
Project Name	Vibr. Noise Wall Research - Green O.
Site/Address	I-77 @ Gables of Green Retirement Facility
Observer Name(s)	Elvin B. Rich, Kevin B.

Analyzer Information

Meter Model	Next Sound Pro SE/01
Meter #	2
Mic Height	5'
Mic Distance from Barrier	5'

General Meteorological Conditions

Weather Conditions & Cloud Cover			Cloudy			
Temperature(s) (F)	AM	63	Midday	67	PM	73
Wind Speed(s) (mph)	AM	7	Midday	6	PM	5
Wind Direction(s)	AM	NE	Midday	E	PM	E

Data Collection

Sl #	Road Name/Address	Start Time	Duration (min)	L _{min} (dBA)	L _{max} (dBA)	L _{eq} (dBA)
1	I-77 @ Gables of Green	10:00	15	56.3	78.4	68.2
2	I-77 @ Field N. of G of G	10:34	15	67.8	83.7	76.7
3	I-77 @ Gables of Green	1:12	15	56.2	75.0	67.2
4	I-77 @ Field N. of G of G	1:35	15	60.6	83.6	76.2
5	I-77 @ Gables of Green	2:30	15	59.7	81.0	67.3
6	I-77 @ Field N. of G of G	2:47	15	62.0	83.1	76.9

no wall
no wall
no wall

NOISE READINGS SUMMARY SHEET

Date(s)	10-5-21
Project Name	Vibr Noise Wall Research - GREEN O.
Site/Address	I-77 @ Gallop of Green Retirement Facility
Observer Name(s)	Elvin P. Rich C. Kevin B.

Analyzer Information

Meter Model	Quest Sound Pro SE/2X
Meter #	4
Mic Height	5'
Mic Distance from Barrier	50'

General Meteorological Conditions

Weather Conditions & Cloud Cover			Clamy			
Temperature(s) (F)	AM	63	Midday	67	PM	73
Wind Speed(s) (mph)	AM	7	Midday	6	PM	5
Wind Direction(s)	AM	NE	Midday	E	PM	E

Data Collection

Sl #	Road Name/Address	Start Time	Duration (min)	L _{min} (dBA)	L _{max} (dBA)	L _{eq} (dBA)
1	I-77 @ Gallop of Green	10:00	15	60.7	78.0	68.1
2	I-77 @ Fields N. of G of G	10:34	15	65.0	78.4	72.2
3	I-77 @ Gallop of Green	1:12	15	58.4	74.3	67.4
4	I-77 @ Fields N. of G of G	1:35	15	58.0	76.6	71.2
5	I-77 @ Gallop of Green	2:27	15	60.4	73.1	66.5
6	I-77 @ Fields N. of G of G	2:47	15	65.9	77.3	72.7

NO WALL

NO WALL

NO WALL

NOISE READINGS SUMMARY SHEET

Date(s)	8-24-21
Project Name	Vinyl Noise Wall Research - Richmond VA
Site/Address	I-64 @ Elmsmere Ave / I-64 @ Little John Rd
Observer Name(s)	David P. Rich C.

Analyzer Information

Meter Model	Quest Sound Pro SE/DA
Meter #	1
Mic Height	5' above Top of Wall
Mic Distance from Barrier	TOW

General Meteorological Conditions

Weather Conditions & Cloud Cover			Sunny - Hot			
Temperature(s) (F)	AM	82	Midday	92	PM	95
Wind Speed(s) (mph)	AM	4	Midday	9	PM	3
Wind Direction(s)	AM	NNE	Midday	N	PM	NE

Data Collection

Sl #	Road Name/Address	Start Time	Duration (min)	L _{min} (dBA)	L _{max} (dBA)	L _{eq} (dBA)
1	I-64 @ Elmsmere	9:12	15	73.5	91.3	83.7
2	I-64 @ Little John Rd.	10:12	15	64.9	88.1	76.7
3	I-64 @ Elmsmere	12:06	15	70.4	89.9	83.4
4	I-64 @ Little John Rd.	12:32	15	69.8	93.2	83.8
5	I-64 @ Elmsmere	4:10	15	68.8	90.2	73.4
6	I-64 @ Little John Rd.	5:08	15	59.8	90.5	72.8
	NOISE A CHAIR ^{NOISE} PRESENT					

NOISE READINGS SUMMARY SHEET

Date(s)	8-24-21
Project Name	Vegetal Noise Wall Assessment - Robinson Va.
Site/Address	I-65 @ Elmsmere Ave. / I-65 @ Little John Rd.
Observer Name(s)	Alan A. Bick C.

Analyzer Information

Meter Model	Exust-Sound Pro 5000
Meter #	2
Mic Height	5'
Mic Distance from Barrier	5'

General Meteorological Conditions

Weather Conditions & Cloud Cover		Sunny Hot				
Temperature(s) (F)	AM	82	Midday	92	PM	95
Wind Speed(s) (mph)	AM	4	Midday	9	PM	3
Wind Direction(s)	AM	NNE	Midday	N	PM	NE

Data Collection

Wind
Sunny

Sl #	Road Name/Address	Start Time	Duration (min)	Leq1 (dBA)	Leq2 (dBA)	Leq3 (dBA)
1	I-64 @ Elmsmere	7:12	15	70.1	77.1	73.6
2	I-64 @ Little John Rd.	10:12	15	57.6	60.7	63.6
3	I-64 @ Elmsmere	12:06	15	68.1	76.7	71.3
4	I-64 @ Little John Rd.	12:32	15	52.3	72.5	65.2
5	I-64 @ Elmsmere	4:10	15	67.1	79.7	70.6
6	I-64 @ Little John Rd.	5:08	15	54.4	71.6	57.9
	4 SIGNAR Noise Present					

NOISE READINGS SUMMARY SHEET

Date(s)	8-21-21
Project Name	VINYL NOISE WALL RESEARCH - RICHMOND VA.
Site/Address	I-64 @ ELMSWORE / I-64 @ LITTLE JOHN RD.
Observer Name(s)	Elvin P. Rich C.

Analyzer Information

Meter Model	Quest Sound Pro SE/AL
Meter #	3
Mic Height	5'
Mic Distance from Barrier	50'

General Meteorological Conditions

Weather Conditions & Cloud Cover		Sunny HOT				
Temperature(s) (F)	AM	82	Midday	92	PM	95
Wind Speed(s) (mph)	AM	4	Midday	7	PM	3
Wind Direction(s)	AM	NNE	Midday	N	PM	NE

Data Collection

Visit
cont.

Sl #	Road Name/Address	Start Time	Duration (min)	L _{min} (dBA)	L _{max} (dBA)	L _{eq} (dBA)
1	I-64 @ ELMSWORE	9:12	15	68.7	79.1	73.0
2	I-64 @ LITTLE JOHN RD.	10:12	15	59.6	73.0	63.4
3	I-64 @ ELMSWORE	12:06	15	67.7	75.6	71.1
4	I-64 @ LITTLE JOHN RD.	12:52	15	58.4	70.8	67.6
5	I-64 @ ELMSWORE	4:10	15	65.8	75.6	69.9
6	I-64 @ LITTLE JOHN RD.	5:08	15	54.2	70.0	58.1
	* SIGMA AMST PRESENT					

NOISE READINGS SUMMARY SHEET

Date(s)	B-24-31
Project Name	Vinyl Noise Wall Research - Richmond Va.
Site/Address	I-64 @ Elmsmere / I-64 @ Little John Rd.
Observer Name(s)	Elvin P. Rick C.

Analyzer Information

Meter Model	Quest Sound Pro SE/PL
Meter #	4
Mic Height	5'
Mic Distance from Barrier	100'

General Meteorological Conditions

Weather Conditions & Cloud Cover		SUNNY HOT				
Temperature(s) (F)	AM	82	Midday	92	PM	95
Wind Speed(s) (mph)	AM	4	Midday	9	PM	3
Wind Direction(s)	AM	NNE	Midday	N	PM	NE

Data Collection

Sl #	Road Name/Address	Start Time	Duration (min)	L _{min} (dBA)	L _{max} (dBA)	L _{eq} (dBA)
1	I-64 @ Elmsmere	9:12	15	68.7	77.3	73.5
2	I-64 @ Little John Rd.	10:12	15	58.6	66.5	62.0
3	I-64 @ Elmsmere	12:06	15	65.0	73.1	68.8
4	I-64 @ Little John Rd.	12:32	15	58.1	70.7	61.9
5	I-64 @ Elmsmere	4:10	15	63.5	73.5	67.9
6	I-64 @ Little John Rd	5:08	15	54.5	71.4	58.4

VINYL
LAMP

NOISE READINGS SUMMARY SHEET

Date(s)	8-25-21
Project Name	Vibr. Noise Wall Research - Richmond VA
Site/Address	I-64 @ Elmsmere / I-64 @ Little John Rd.
Observer Name(s)	Elvin P. Rich C.

Analyzer Information

Meter Model	Real-Sound Pro 50/01
Meter #	1
Mic Height	5' Above Top of Wall
Mic Distance from Barrier	TOW

General Meteorological Conditions

Weather Conditions & Cloud Cover						
Temperature(s) (F)	AM	85	Midday	—	PM	—
Wind Speed(s) (mph)	AM	21	Midday	—	PM	—
Wind Direction(s)	AM	CALM	Midday	—	PM	—

Data Collection

Sl #	Road Name/Address	Start Time	Duration (min)	Lmin (dBA)	Lmax (dBA)	L _{eq} (dBA)
1	I-65 Elmsmere	8:23	15	71.2	90	84.0
2	I-64 @ Little John Rd.	9:23	15	65.8	85.8	77.4
	* CICADA NOISE PRESENT					

VIBR
DATA

NOISE READINGS SUMMARY SHEET

Date(s)	8-25-21
Project Name	Vinyl Noise Wall Research - Richmond Va.
Site/Address	I-64@ Flansburg / I-64@ Little John Rd.
Observer Name(s)	Blair B. Rob C.

Analyzer Information

Meter Model	Quest SoundPro SE/SE
Meter #	2
Mic Height	5'
Mic Distance from Barrier	5'

General Meteorological Conditions

Weather Conditions & Cloud Cover						
Temperature(s) (F)	AM	85	Midday	-	PM	-
Wind Speed(s) (mph)	AM	< 1	Midday	-	PM	-
Wind Direction(s)	AM	Calms	Midday	-	PM	-

Data Collection

Sl #	Road Name/Address	Start Time	Duration (min)	L _{min} (dBA)	L _{max} (dBA)	L _{eq} (dBA)
1	I-64@ Flansburg	8:23	15	82.8	70.9	74.3
2	I-64@ Little John Rd.	9:23	15	58.5	70.8	62.7
	Noisy Noise Present					

VINYL
NOISE

7

TRAFFIC COUNTS

Project Name: Vivid Force Research Projects Page 1 of 3

1 Road Name: I-75 S. OF LIMA Date: 6-15-21
 Location of Count: NW QUADRANT I-75/E. FOURTH ST Time of Day: 10:40a
 Length of Time: 15 min

WINDS
10 mph

Vehicle Type	(18) WB	(18) EB
Cars	127	171
Medium Trucks	4	10
Heavy Trucks	98	91

19 vehicles
of Ramp

2 Road Name: I-75 S. OF LIMA Date: 6-15-21
 Location of Count: NW QUADRANT I-75/E. FOURTH ST Time of Day: 12:00p
 Length of Time: 15 min

Vehicle Type	(18) WB	(18) EB
Cars	170	180
Medium Trucks	15	12
Heavy Trucks	98	118

24 vehicles
of Ramp

3 Road Name: I-75 S. OF LIMA Date: 6-15-21
 Location of Count: NW QUADRANT I-75/E. FOURTH ST Time of Day: 2:00p
 Length of Time: 15 min

Vehicle Type	(18) WB	(18) EB
Cars	217	209
Medium Trucks	5	15
Heavy Trucks	88	113

34 vehicles
of Ramp

TRAFFIC COUNTS

Project Name: Vinyl Fence Research Project Page 2 of 3

4 Road Name: I-75 Date: 6-17-21
 Location of Count: I-75 @ E. Fovath Time of Day: 9:30 a
 Length of Time: 15 min

Volts
Spec 2
6-17-21

24 Volts
off @ 5:15

Vehicle Type	WB / WB	EB / EB
Cars	148	205
Medium Trucks	16	13
Heavy Trucks	84	97

5 Road Name: I-75 Date: 6-17-21
 Location of Count: I-75 NW Quad I-75 / E Time of Day: 11:15 a
 Length of Time: 15 min

26 Volts
off @ 5:15

Vehicle Type	WB / WB	EB / EB
Cars	183	244
Medium Trucks	23	8
Heavy Trucks	105	115

6 Road Name: I-75 Date: 6-17-21
 Location of Count: I-75 NW Quad I-75 / E Time of Day: 1:00 p
 Length of Time: 15 min

25 Volts
off @ 5:15

Vehicle Type	WB / WB	EB / EB
Cars	247	230
Medium Trucks	27	17
Heavy Trucks	107	86

TRAFFIC COUNTS

Project Name: I-75 Vantage Point Research Project Page 3 of 3

7 Road Name: I-75 Date: 6-17-21
 Location of Count: NW Bypass - Int. I-75/Route 4 Time of Day: 3:00p
 Length of Time: 15 min

Vehicle Type	WB / WB	SB / EB
Cars	259	273
Medium Trucks	25	8
Heavy Trucks	81	99

36 vehicles off ramp

Road Name: _____ Date: _____
 Location of Count: _____ Time of Day: _____
 Length of Time: _____

Vehicle Type	WB / WB	SB / EB
Cars		
Medium Trucks		
Heavy Trucks		

Road Name: _____ Date: _____
 Location of Count: _____ Time of Day: _____
 Length of Time: _____

Vehicle Type	WB / WB	SB / EB
Cars		
Medium Trucks		
Heavy Trucks		

TRAFFIC COUNTS

Project Name: Vinyl Fence Research Page 1 of 2

1 Road Name: I-75 Date: 7-21-21
 Location of Count: I-75 @ E. Fourth St Time of Day: 9:15 a
 Length of Time: 15 min

Vehicle Type	(WB) / (WB)	(SB) / (EB)
Cars	136	181
Medium Trucks	11	15
Heavy Trucks	75	94

off total
 @ off
 Ramp

Trucks
 @ Elm

2 Road Name: I-75 Date: 7-21-21
 Location of Count: I-75 @ Elm St. Time of Day: 10:15
 Length of Time: 15

Vehicle Type	(WB) / (WB)	(SB) / (EB)
Cars	204	193
Medium Trucks	18	18
Heavy Trucks	121	126

200'
 meter
 took

Cars
 @ Elm
 200'
 200'

1 Road Name: I-75 Date: 7-22-21
 Location of Count: I-75 @ E. Fourth St Time of Day: 9:30 a
 Length of Time: 15

Vehicle Type	(WB) / (WB)	(SB) / (EB)
Cars	140	178
Medium Trucks	29	10
Heavy Trucks	90	91

off
 Ramp
 21

20
 veh.
 during
 PTC

TRAFFIC COUNTS

Project Name: Verde Home with Access

Page 1 of 2

1 Road Name: I-75 Date: 9-29-21
 Location of Count: I-75 @ E. Fourth St Time of Day: 9:20 a
 Length of Time: 15 min

Vehicle Type	(NB) / WB	(SB) / EB
Cars	173	179
Medium Trucks	9	24
Heavy Trucks	180	109

of a form
39

2 Road Name: I-75 Date: 9-29
 Location of Count: I-75 @ E 4th Time of Day: 10:20 a
From Dealership Length of Time: 15 min
NO WALL SITE

Vehicle Type	NB / WB	(SB) / EB
Cars	155	108
Medium Trucks	9	22
Heavy Trucks	105	166

3 Road Name: I-75 A Date: 9-29-21
 Location of Count: I-75 NB @ 21st St Time of Day: 11:24 a
From Drive to Galleria Court Length of Time: 15 min
ENCLOSURE CONCRETE WALL

Vehicle Type	(NB) / WB	(SB) / EB
Cars	104	167
Medium Trucks	21	18
Heavy Trucks	99	92

TRAFFIC COUNTS

Project Name: Viñal Noise wall research

Page 2 of 2

4

Road Name: I-75 @ 4th ST - 2

Date: 9-24-21

Location of Count: Front Street

Time of Day: 1:18 p

Length of Time: 15 min

Vehicle Type	(WB) / (WB)	(SB) / (EB)
Cars	140	179
Medium Trucks	20	25
Heavy Trucks	181	91

off Front 29

5

Road Name: I-75

Date: 9-29-21

Location of Count: I-75 Front Dealership

Time of Day: 1:57 p

I-75 @ 6th / R. ST. NO WALL SITE

Length of Time: 15 min

Vehicle Type	(WB) / (WB)	(SB) / (EB)
Cars	191	202
Medium Trucks	16	17
Heavy Trucks	101	107

6

Road Name: I-75

Date: 9-29-21

Location of Count: I-75 @ Elm ST.

Time of Day: 2:46 p

from Deery + Co

Resilient Concrete Wall

Length of Time: 15 min

Vehicle Type	(WB) / (WB)	(SB) / (EB)
Cars	179	178
Medium Trucks	25	17
Heavy Trucks	101	94

TRAFFIC COUNTS

Project Name: Vinyl Noise Wall Research

Page 1 of 2

1 Road Name: I-77 Date: 10-5-21
 Location of Count: Gables of Green Time of Day: 10:03 am
Behind Vinyl Fence Length of Time: 15 min

Vehicle Type	(NB) WB	(SB) EB
Cars	510	480
Medium Trucks	17	41
Heavy Trucks	70	63

2 Road Name: I-77 Date: 10-5-21
 Location of Count: Field just N. of Gables of Green Time of Day: 10:34
GREEN Length of Time: 15 min

Vehicle Type	(NB) WB	(SB) EB
Cars	465	508
Medium Trucks	23	34
Heavy Trucks	66	62

3 Road Name: I-77 Date: 10-5-21
 Location of Count: Gables of Green Time of Day: 1:02
Behind Vinyl Fence Length of Time: 15 min

Vehicle Type	(NB) WB	(SB) EB
Cars	573	518
Medium Trucks	23	31
Heavy Trucks	60	45

05
 Trucks
 Closing
 1:06 pm

DELETE REMAINING #3 FROM METER - TRAFFIC NOISE FROM DELIVERY TRUCKS + VEHICLES IN PARKING LOT

TRAFFIC COUNTS

Project Name: Vinyl Noise Wall Research

Page 2 of 2

4 Road Name: I-77 Date: 10-5-21
 Location of Count: Field N. of Galles on Green Time of Day: 1:35
 "NO wall site" Length of Time: 15 min

Vehicle Type	(NB) WB	(SB) EB
Cars	581	519
Medium Trucks	19	33
Heavy Trucks	66	53

5 Road Name: I-77 Date: 10-5-21
 Location of Count: Vinyl fence between Galles of Green Time of Day: 2:30 p
 Length of Time: 15 min

Vehicle Type	(NB) WB	(SB) EB
Cars	602	653
Medium Trucks	19	28
Heavy Trucks	42	56

6 Road Name: I-77 Date: 10-5-21
 Location of Count: Field N. of Galles on Green Time of Day: 2:47
 "NO wall site" Length of Time: 15 min

Vehicle Type	(NB) WB	(SB) EB
Cars	639	696
Medium Trucks	21	41
Heavy Trucks	55	53

TRAFFIC COUNTS

Project Name: Visual Forest Noise Wall Research
Richmond Va.

Page 1 of 3

1 Road Name: I-64 Date: 8-24-21
 Location of Count: I-64 @ Richmond Tech Center Time of Day: 9:15 a
Eastbound Length of Time: 15 min

Vehicle Type	(NB) WB	(SB) EB
Cars	1221	1327
Medium Trucks	57	29
Heavy Trucks	81	80

2 Road Name: I-64 Date: 8-24-21
 Location of Count: I-64 / Little John Rd Time of Day: 9:45 a
 Length of Time: 15 min

Vehicle Type	NB / WB	(SB) EB
Cars	919	968
Medium Trucks	34	50
Heavy Trucks	90	111

3 Road Name: I-64 Date: 8-24-21
 Location of Count: I-64 @ Richmond Tech Center Time of Day: 13:08
Eastbound Length of Time: 15 min

Vehicle Type	(NB) WB	(SB) EB
Cars	1087	1092
Medium Trucks	47	31
Heavy Trucks	100	112

TRAFFIC COUNTS

Project Name: Vinyl Fence / Noise Wall Research Page 2 of 3

4) Road Name: I-64 / Date: 8-29-21
 Location of Count: I-64 / Little John Rd Time of Day: 1:45
 Length of Time: 15

Vehicle Type	(NB) WB	(SB) EB
Cars	1036	1016
Medium Trucks	23	42
Heavy Trucks	79	110

5) Road Name: I-64 Richmond / Date: 12-24-21
 Location of Count: I-64 Richmond Tech Center Time of Day: 4:15
 Length of Time: _____

Vehicle Type	(NB) WB	(SB) EB
Cars	1336	1396
Medium Trucks	32	37
Heavy Trucks	105	83

6) Road Name: I-64 Date: 8-24-21
 Location of Count: I-64 @ Little John Rd Time of Day: 5:15 P
 Length of Time: 15 min

Vehicle Type	(NB) WB	(SB) EB
Cars	1156	1035
Medium Trucks	30	25
Heavy Trucks	56	52

TRAFFIC COUNTS

Project Name: Vinyl Fence/Noise Wall Research Page 3 of 3

7 Road Name: I-64 Date: 8-25-21
 Location of Count: I-64 @ Richards Tech Center Time of Day: 8:30 A
 Element: _____ Length of Time: 15 min.

Vehicle Type	(WB) WB	(EB) EB
Cars	1350	1385
Medium Trucks	61	2 35
Heavy Trucks	66	102

8 Road Name: I-64 Date: 8-25-21
 Location of Count: I-64 @ Little John Rd Time of Day: 9:00 A
 Length of Time: 15 min.

Vehicle Type	(WB) WB	(EB) EB
Cars	989	988
Medium Trucks	68	55
Heavy Trucks	115	82

Road Name: _____ Date: _____
 Location of Count: _____ Time of Day: _____
 Length of Time: _____

Vehicle Type	WB / WB	EB / EB
Cars		
Medium Trucks		
Heavy Trucks		

TRAFFIC COUNTS

Project Name: Vinyl Noise Wall Research Page 1 of 2
Richmond Va II

1 Road Name: I-64 @ Elmwood Ave. Date: 3-29-22
 Location of Count: Elmwood Ave. Time of Day: 9:00 A
 Length of Time: 15 min

Vehicle Type	<u>(NB) WB</u>	<u>(SB) EB</u>
Cars	1122	1462
Medium Trucks	36	33
Heavy Trucks	76	88

2 Road Name: I-64 Date: 3-29-22
 Location of Count: ELMWOOD AVE. Time of Day: 17:00
 Length of Time: 15 min

Vehicle Type	NB / WB	SB / EB
Cars	977 <small>E23</small>	950
Medium Trucks	32	26
Heavy Trucks	108	89

3 Road Name: I-64 Date: 3-29-22
 Location of Count: ELMWOOD AVE. Time of Day: 3:45
 Length of Time: 15 min

Vehicle Type	NB / WB	SB / EB
Cars ²	1386	1219
Medium Trucks	36	47
Heavy Trucks	86	92

TRAFFIC COUNTS

Project Name: Vinyl Noise Wall Research Page 2 of 2

1 Road Name: I-64 @ Elmwood Ave. Date: 3-30-22
 Location of Count: Elmwood Ave. Time of Day: 8:30 A
 Length of Time: 15 min

Vehicle Type	NB / WB	SB / EB
Cars	1359	1472
Medium Trucks	50	58
Heavy Trucks	98	106

Road Name: _____ Date: _____
 Location of Count: _____ Time of Day: _____
 Length of Time: _____

Vehicle Type	NB / WB	SB / EB
Cars		
Medium Trucks		
Heavy Trucks		

Road Name: _____ Date: _____
 Location of Count: _____ Time of Day: _____
 Length of Time: _____

Vehicle Type	NB / WB	SB / EB
Cars		
Medium Trucks		
Heavy Trucks		

APPENDIX I
Noise Meter Session
Reports &
Cumulative Results
Tables

Session Report

6/16/2021

Information Panel

Name S443_BGH030008_16062021_123725
Start Time 6/15/2021 10:22:59 AM
Stop Time 6/15/2021 10:37:59 AM
Device Name BGH030008
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 1 - Top of wall-Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

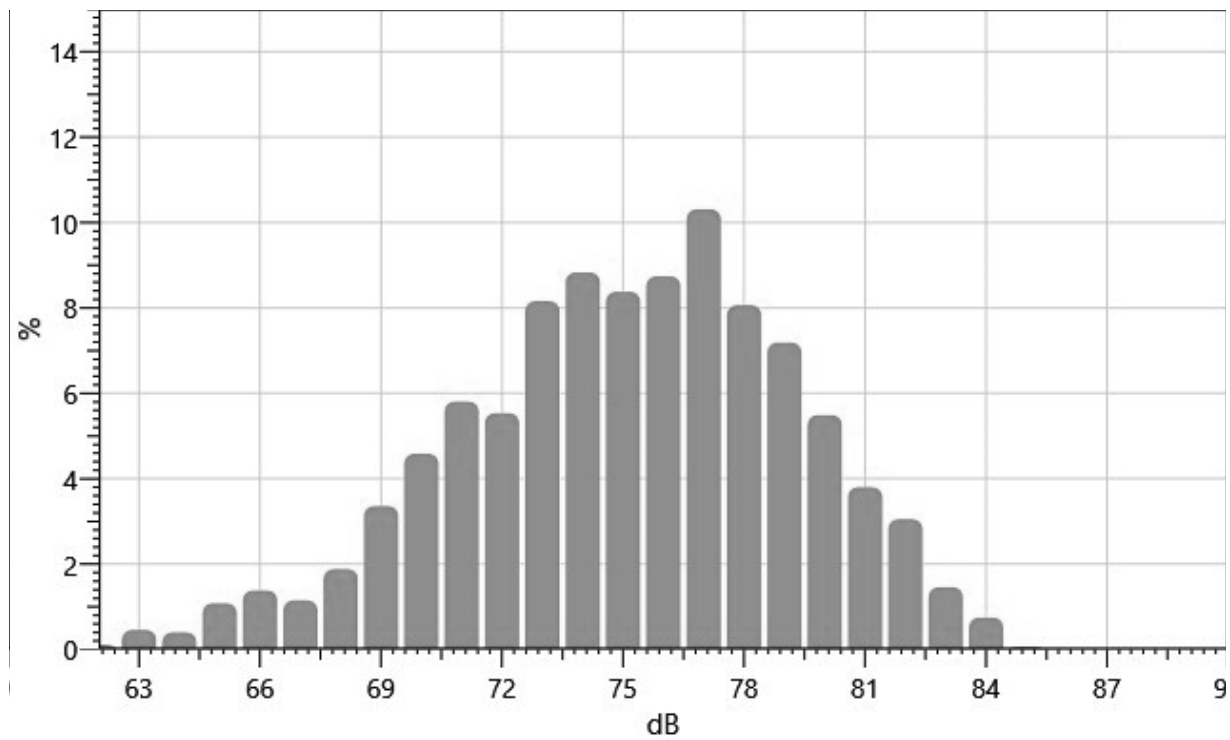
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
62:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.05	0.11
63:	0.06	0.08	0.03	0.03	0.03	0.05	0.05	0.05	0.04	0.03	0.45
64:	0.02	0.03	0.02	0.02	0.03	0.05	0.05	0.04	0.08	0.06	0.40
65:	0.06	0.08	0.12	0.13	0.12	0.14	0.13	0.09	0.09	0.12	1.08
66:	0.13	0.15	0.10	0.13	0.10	0.11	0.12	0.21	0.18	0.15	1.38
67:	0.10	0.09	0.10	0.10	0.10	0.10	0.11	0.08	0.18	0.17	1.15
68:	0.13	0.15	0.11	0.23	0.21	0.24	0.19	0.15	0.22	0.24	1.88
69:	0.26	0.36	0.29	0.24	0.25	0.21	0.35	0.45	0.44	0.51	3.36
70:	0.44	0.37	0.51	0.52	0.50	0.50	0.37	0.35	0.49	0.53	4.58
71:	0.58	0.59	0.53	0.71	0.58	0.61	0.64	0.58	0.48	0.52	5.80
72:	0.56	0.53	0.58	0.34	0.56	0.50	0.55	0.67	0.70	0.55	5.53
73:	0.83	0.93	0.82	0.72	0.69	0.75	0.94	0.94	0.75	0.78	8.16
74:	0.82	0.83	0.87	0.91	0.90	0.94	0.85	0.93	0.91	0.88	8.83
75:	0.88	0.90	1.04	0.61	0.75	0.82	0.79	0.79	0.92	0.88	8.38

76:	0.80	0.81	0.86	0.87	0.88	0.81	0.85	0.83	1.00	1.03	8.74
77:	1.29	1.18	1.01	1.09	1.04	1.14	0.97	0.84	0.90	0.85	10.31
78:	0.80	0.86	0.84	0.52	0.84	0.93	0.92	0.81	0.66	0.89	8.06
79:	0.88	0.95	0.84	0.65	0.70	0.72	0.58	0.63	0.54	0.70	7.19
80:	0.60	0.59	0.55	0.64	0.51	0.50	0.44	0.55	0.57	0.54	5.49
81:	0.45	0.48	0.49	0.25	0.31	0.28	0.30	0.36	0.46	0.42	3.80
82:	0.38	0.41	0.35	0.31	0.33	0.27	0.30	0.27	0.23	0.20	3.05
83:	0.20	0.16	0.14	0.13	0.14	0.15	0.18	0.16	0.10	0.11	1.46
84:	0.18	0.05	0.05	0.05	0.07	0.14	0.09	0.08	0.02	0.02	0.74
85:	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06

Statistics Chart

S443_BGH030008_16062021_123725: Statistics Chart



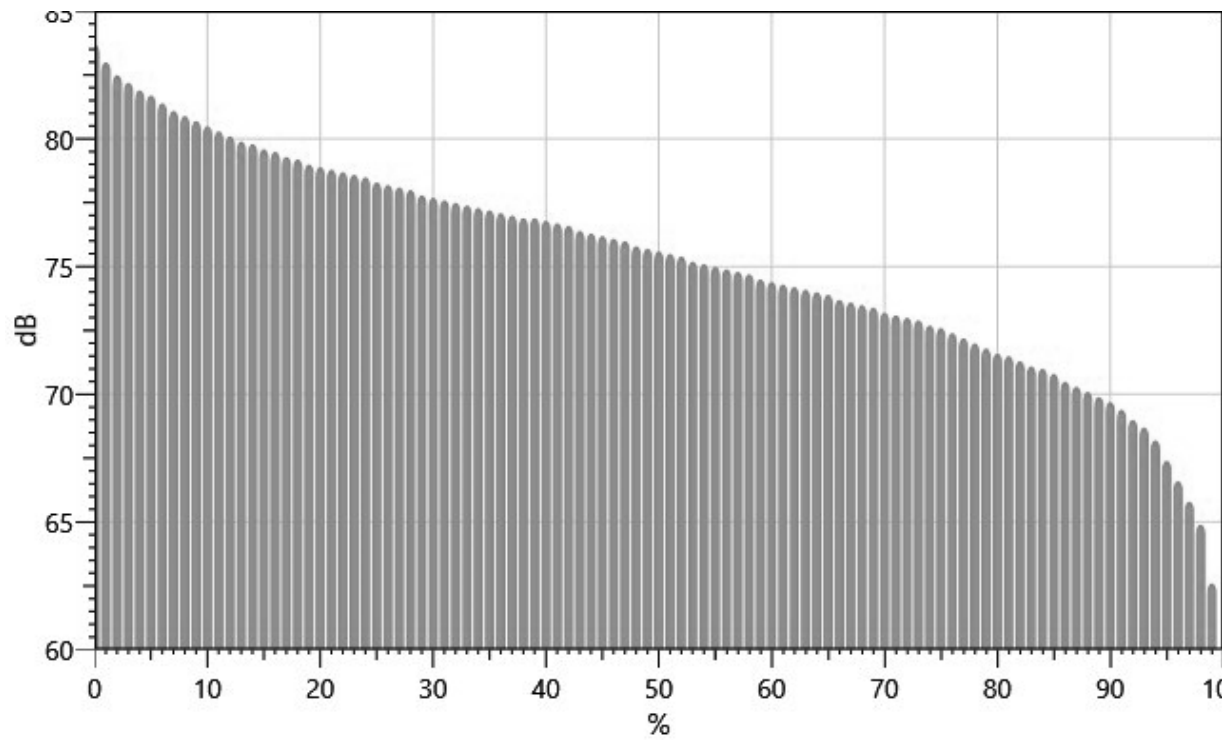
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		83.7	83.0	82.5	82.2	81.9	81.7	81.4	81.1	80.9
10%:	80.7	80.5	80.3	80.1	79.9	79.8	79.6	79.5	79.3	79.2
20%:	79.0	78.9	78.8	78.7	78.6	78.5	78.3	78.2	78.1	78.0
30%:	77.8	77.7	77.6	77.5	77.4	77.3	77.2	77.1	77.0	76.9
40%:	76.9	76.8	76.7	76.6	76.4	76.3	76.2	76.1	76.0	75.8

50%:	75.7	75.6	75.5	75.4	75.2	75.1	75.0	74.9	74.8	74.7
60%:	74.5	74.4	74.3	74.2	74.1	74.0	73.9	73.7	73.6	73.5
70%:	73.4	73.2	73.1	73.0	72.9	72.7	72.6	72.4	72.2	72.0
80%:	71.8	71.6	71.5	71.3	71.1	71.0	70.8	70.5	70.3	70.1
90%:	69.9	69.7	69.4	69.0	68.7	68.2	67.4	66.6	65.8	64.9
100%:	62.6									

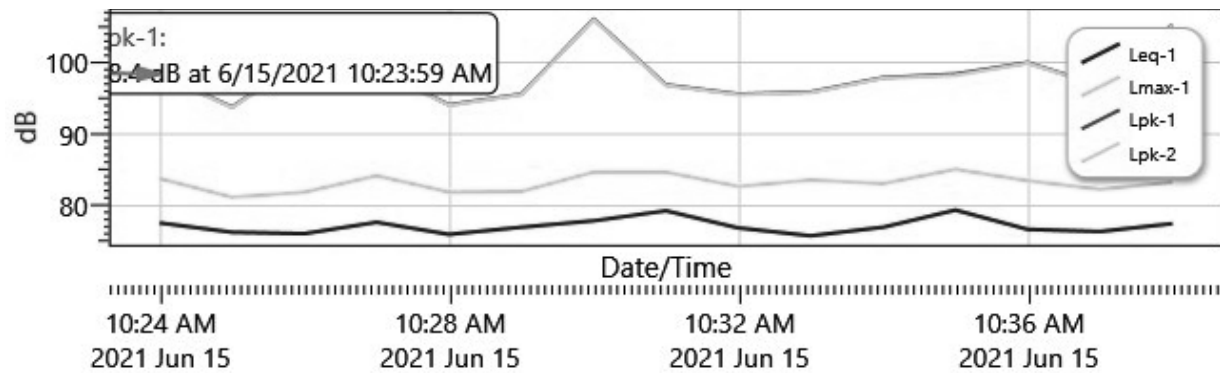
Exceedance Chart

S443_BGH030008_16062021_123725: Exceedance Chart



Logged Data Chart

S443_BGH030008_16062021_123725: Logged Data Chart

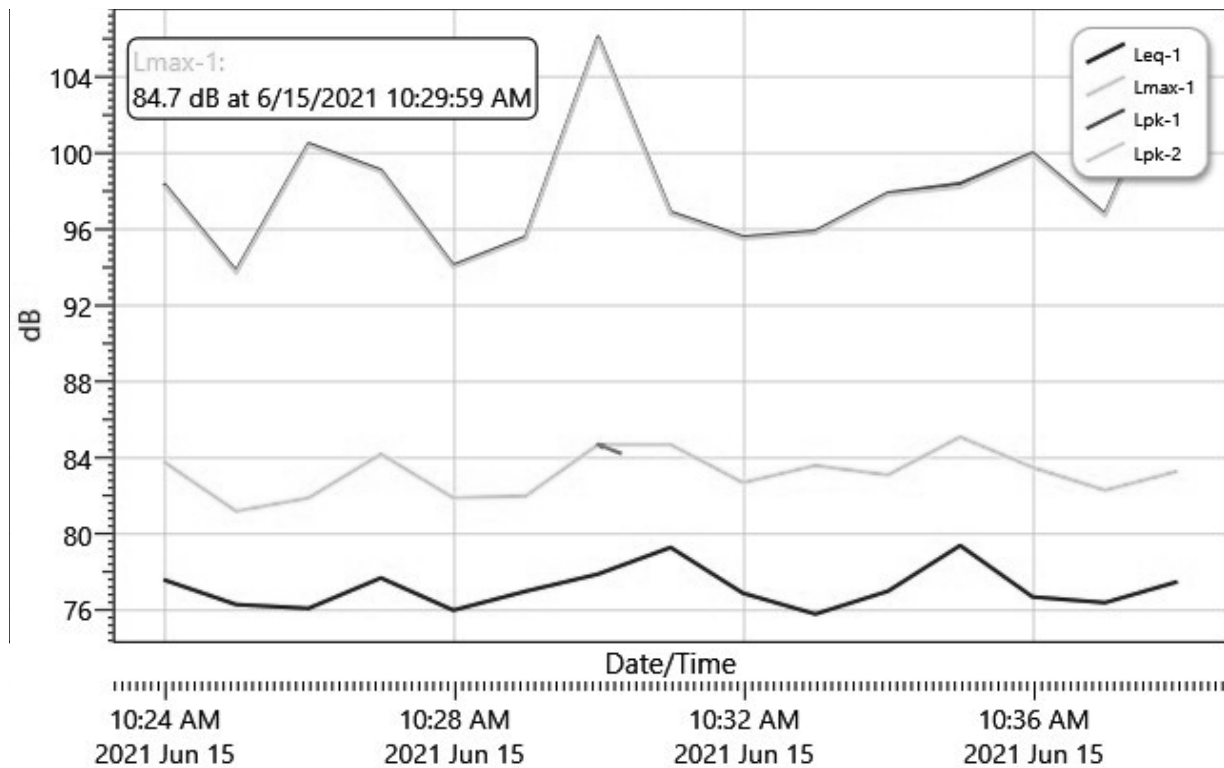


Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 10:23:59 AM	77.6	83.8	64.8	98.4
10:24:59 AM	76.3	81.2	69.9	93.8
10:25:59 AM	76.1	81.9	65.5	100.5
10:26:59 AM	77.7	84.2	70.8	99.1
10:27:59 AM	76	81.9	68.5	94.1
10:28:59 AM	77	82	69	95.6
10:29:59 AM	77.9	84.7	69.1	106.1
10:30:59 AM	79.3	84.7	72.5	96.9
10:31:59 AM	76.9	82.7	65.1	95.6
10:32:59 AM	75.8	83.6	63	95.9
10:33:59 AM	77	83.1	65.8	97.9
10:34:59 AM	79.4	85.1	70.4	98.4
10:35:59 AM	76.7	83.5	62.7	100
10:36:59 AM	76.4	82.3	67.8	96.8
10:37:59 AM	77.5	83.3	67.8	105.3

Logged Data Chart

S443_BGH030008_16062021_123725: Logged Data Chart



Session Report

6/16/2021

Information Panel

Name S011_BHF080013_16062021_154703
Start Time 6/15/2021 10:23:28 AM
Stop Time 6/15/2021 10:38:28 AM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 10' from wall location 1 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	72.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

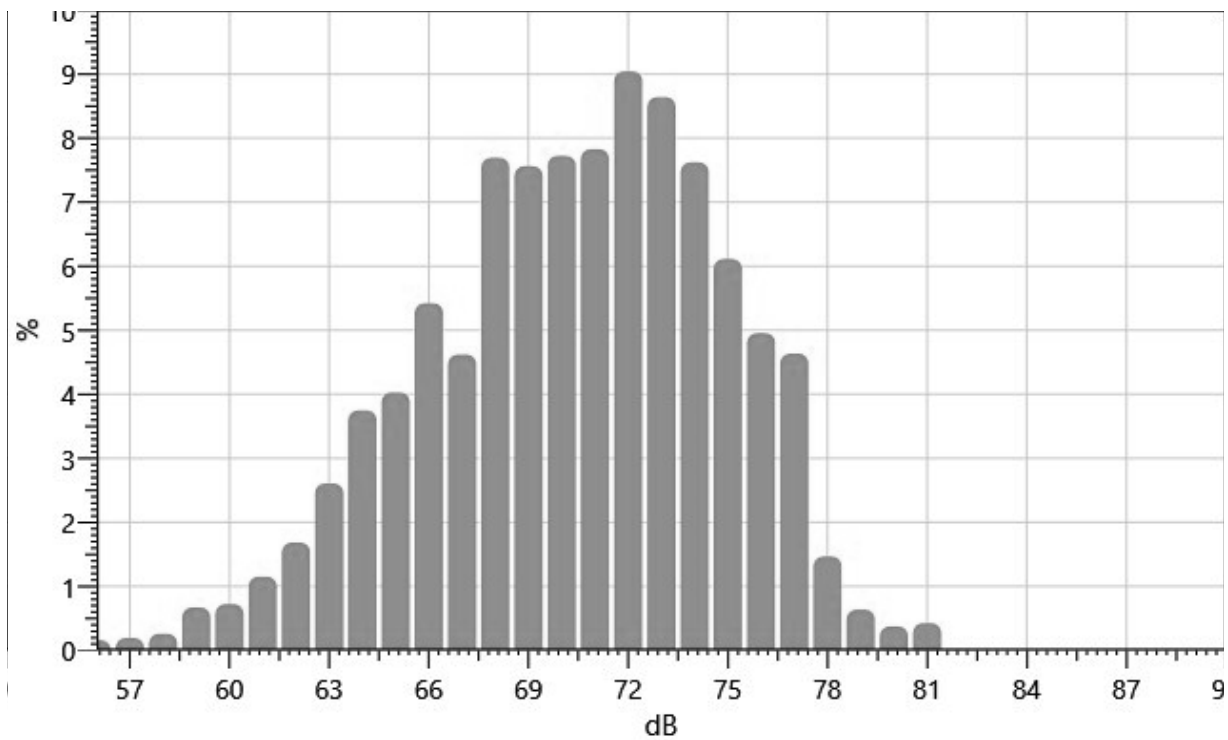
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.06	0.02	0.02	0.16
57:	0.03	0.02	0.03	0.02	0.02	0.01	0.02	0.02	0.01	0.02	0.19
58:	0.01	0.01	0.02	0.01	0.02	0.02	0.02	0.04	0.05	0.07	0.26
59:	0.06	0.04	0.04	0.05	0.08	0.06	0.10	0.11	0.06	0.08	0.67
60:	0.08	0.06	0.06	0.04	0.05	0.05	0.09	0.13	0.10	0.07	0.72
61:	0.10	0.11	0.13	0.14	0.07	0.09	0.09	0.16	0.12	0.15	1.15
62:	0.15	0.13	0.10	0.13	0.21	0.21	0.19	0.15	0.22	0.19	1.68
63:	0.28	0.22	0.28	0.25	0.27	0.30	0.30	0.25	0.23	0.23	2.61
64:	0.26	0.30	0.30	0.36	0.39	0.35	0.38	0.52	0.49	0.41	3.75
65:	0.46	0.44	0.41	0.32	0.38	0.32	0.35	0.49	0.41	0.44	4.03
66:	0.46	0.57	0.60	0.54	0.49	0.48	0.55	0.61	0.58	0.53	5.42
67:	0.44	0.49	0.40	0.48	0.51	0.43	0.45	0.47	0.44	0.50	4.62
68:	0.68	0.76	1.04	0.54	0.77	0.79	0.83	0.78	0.80	0.71	7.69
69:	0.76	0.64	0.65	0.78	0.74	0.91	0.83	0.94	0.66	0.65	7.56

70:	0.56	0.58	0.64	0.75	0.69	0.77	0.83	0.93	0.94	1.03	7.72
71:	0.76	0.84	0.81	0.64	0.88	0.81	0.71	0.80	0.79	0.78	7.83
72:	0.73	0.77	0.84	0.99	1.06	0.96	0.85	0.88	0.94	1.03	9.04
73:	0.94	0.79	0.74	0.91	0.91	0.90	0.81	0.86	0.90	0.88	8.64
74:	1.03	0.90	0.87	0.62	0.71	0.66	0.70	0.70	0.65	0.77	7.62
75:	0.65	0.64	0.62	0.59	0.64	0.62	0.62	0.60	0.58	0.55	6.11
76:	0.56	0.52	0.54	0.56	0.54	0.32	0.43	0.43	0.54	0.51	4.95
77:	0.54	0.60	0.62	0.44	0.47	0.48	0.55	0.35	0.34	0.25	4.64
78:	0.22	0.17	0.17	0.14	0.17	0.19	0.16	0.07	0.09	0.08	1.47
79:	0.06	0.07	0.07	0.07	0.11	0.07	0.09	0.04	0.03	0.03	0.64
80:	0.02	0.03	0.03	0.03	0.03	0.03	0.04	0.05	0.06	0.07	0.38
81:	0.05	0.03	0.04	0.04	0.07	0.04	0.04	0.06	0.04	0.03	0.43
82:	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

Statistics Chart

S011_BHF080013_16062021_154703: Statistics Chart



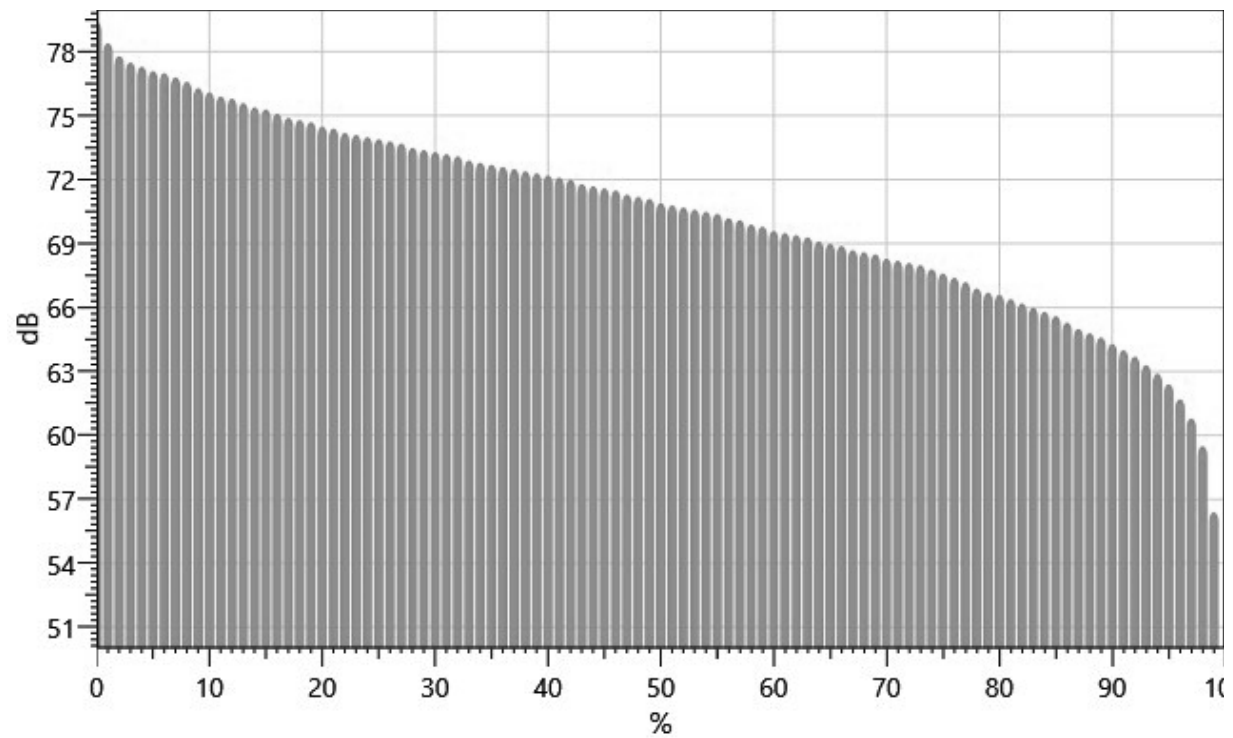
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		79.4	78.4	77.8	77.5	77.3	77.1	77.0	76.8	76.6
10%:	76.3	76.1	75.9	75.8	75.6	75.4	75.3	75.1	74.9	74.8

20%:	74.7	74.5	74.4	74.2	74.1	74.0	73.9	73.8	73.7	73.5
30%:	73.4	73.3	73.2	73.1	72.9	72.8	72.7	72.6	72.5	72.4
40%:	72.3	72.2	72.1	72.0	71.8	71.7	71.6	71.5	71.3	71.2
50%:	71.1	70.9	70.8	70.7	70.6	70.5	70.4	70.2	70.1	69.9
60%:	69.8	69.6	69.5	69.4	69.3	69.1	69.0	68.9	68.7	68.6
70%:	68.5	68.3	68.2	68.1	68.0	67.8	67.6	67.4	67.2	66.9
80%:	66.7	66.6	66.4	66.2	66.0	65.8	65.6	65.3	65.0	64.8
90%:	64.6	64.3	64.0	63.7	63.3	62.9	62.4	61.7	60.8	59.5
100%:	56.4									

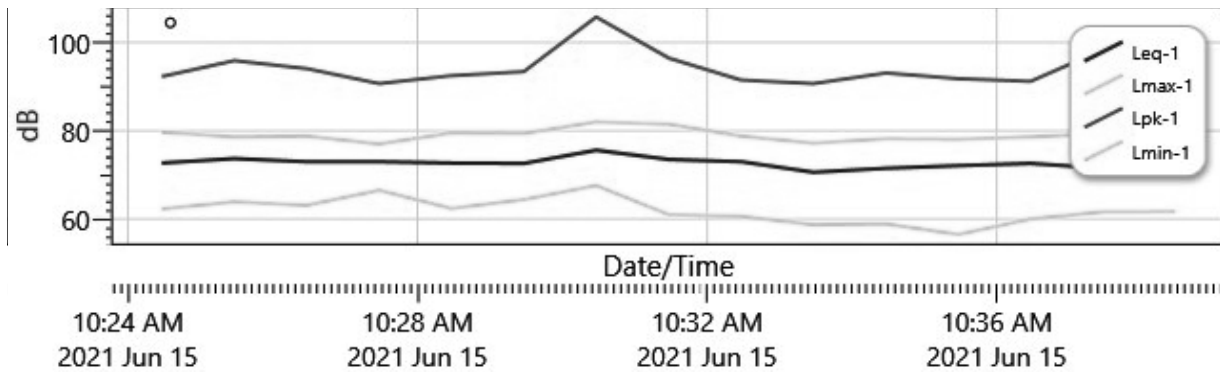
Exceedance Chart

S011_BHF080013_16062021_154703: Exceedance Chart



Logged Data Chart

S011_BHF080013_16062021_154703: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 10:24:28 AM	72.7	79.7	62.3	92.3
10:25:28 AM	73.7	78.6	63.9	95.9
10:26:28 AM	73	78.8	63.1	94.1
10:27:28 AM	73	77	66.5	90.7
10:28:28 AM	72.7	79.5	62.4	92.5
10:29:28 AM	72.6	79.4	64.4	93.4
10:30:28 AM	75.6	82	67.6	105.8
10:31:28 AM	73.5	81.5	61	96.5
10:32:28 AM	73	78.8	60.6	91.5
10:33:28 AM	70.6	77.2	58.7	90.7
10:34:28 AM	71.5	78.2	58.9	93.1
10:35:28 AM	72.1	78.1	56.5	91.8
10:36:28 AM	72.6	78.6	60	91.2
10:37:28 AM	71.5	79.4	61.6	98.4
10:38:28 AM	72	77	61.7	90.2

Session Report

6/16/2021

Information Panel

Name S034_BIG080015_16062021_160446
Start Time 6/15/2021 10:23:07 AM
Stop Time 6/15/2021 10:38:07 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from wall location 1 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	68.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

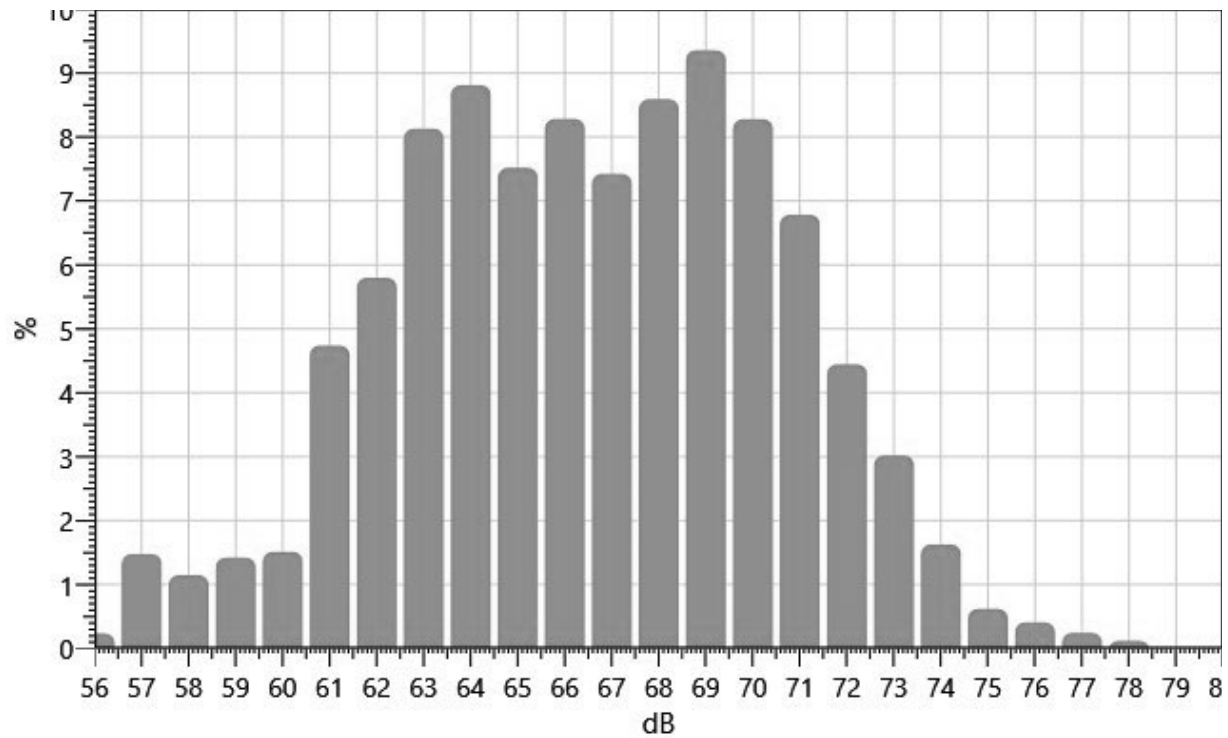
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11	0.02	0.06	0.24
57:	0.12	0.22	0.20	0.15	0.12	0.16	0.22	0.12	0.10	0.07	1.48
58:	0.09	0.10	0.09	0.11	0.11	0.08	0.13	0.13	0.11	0.19	1.15
59:	0.12	0.11	0.15	0.17	0.14	0.14	0.14	0.14	0.17	0.14	1.42
60:	0.11	0.19	0.14	0.14	0.13	0.11	0.10	0.14	0.16	0.30	1.51
61:	0.35	0.36	0.39	0.28	0.56	0.45	0.55	0.42	0.61	0.77	4.74
62:	0.81	0.52	0.53	0.52	0.45	0.65	0.50	0.60	0.63	0.58	5.80
63:	0.58	0.71	0.91	0.84	0.89	0.96	0.85	0.77	0.76	0.85	8.13
64:	0.82	0.64	0.80	0.93	0.80	0.87	0.94	0.90	1.07	1.05	8.81
65:	0.88	0.74	0.68	0.79	0.78	0.75	0.70	0.66	0.84	0.68	7.52
66:	0.78	0.82	0.97	0.92	0.79	0.74	0.79	0.76	0.85	0.86	8.28
67:	0.82	0.79	0.63	0.69	0.73	0.68	0.79	0.84	0.71	0.73	7.42
68:	0.72	0.87	0.73	0.95	0.89	0.88	0.96	0.96	0.82	0.80	8.59
69:	0.99	0.76	0.84	0.91	1.07	1.08	0.94	0.98	1.01	0.78	9.36

70:	0.93	0.98	0.86	0.82	0.70	0.66	0.76	0.77	0.93	0.86	8.28
71:	1.02	0.82	0.44	0.59	0.78	0.57	0.57	0.78	0.61	0.60	6.78
72:	0.56	0.61	0.44	0.45	0.41	0.44	0.33	0.40	0.40	0.40	4.45
73:	0.42	0.45	0.39	0.30	0.29	0.27	0.22	0.27	0.23	0.19	3.02
74:	0.19	0.21	0.14	0.21	0.19	0.19	0.17	0.15	0.12	0.06	1.63
75:	0.07	0.06	0.07	0.09	0.09	0.10	0.06	0.02	0.02	0.03	0.62
76:	0.03	0.04	0.03	0.03	0.03	0.04	0.05	0.04	0.04	0.07	0.41
77:	0.02	0.04	0.06	0.05	0.01	0.01	0.01	0.02	0.02	0.01	0.24
78:	0.02	0.04	0.02	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.12

Statistics Chart

S034_BIG080015_16062021_160446: Statistics Chart



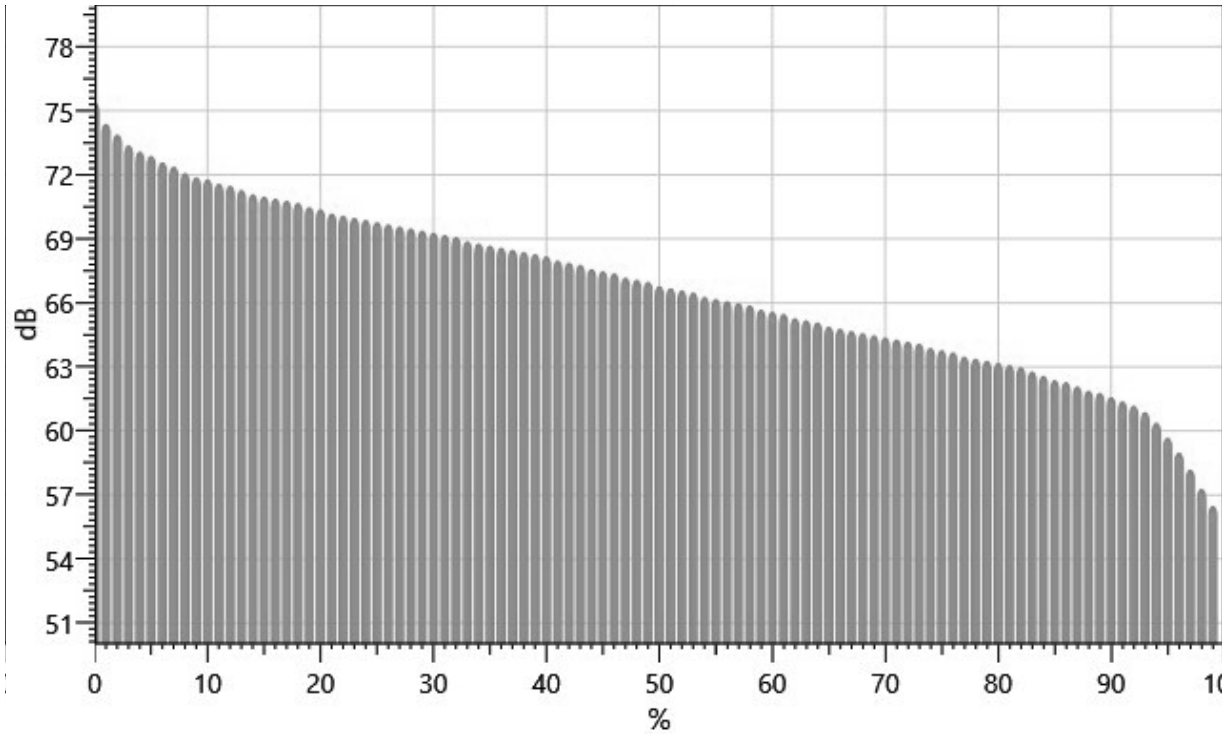
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		75.4	74.4	73.9	73.4	73.1	72.9	72.6	72.4	72.1
10%:	71.9	71.8	71.6	71.5	71.3	71.1	71.0	70.9	70.8	70.7
20%:	70.5	70.4	70.2	70.1	70.0	69.9	69.8	69.7	69.6	69.5
30%:	69.4	69.3	69.2	69.1	68.9	68.8	68.7	68.6	68.5	68.4
40%:	68.3	68.2	68.0	67.9	67.8	67.6	67.5	67.4	67.2	67.1
50%:	67.0	66.8	66.7	66.6	66.5	66.3	66.2	66.1	66.0	65.9

60%:	65.7	65.6	65.5	65.3	65.2	65.1	64.9	64.8	64.7	64.6
70%:	64.5	64.4	64.3	64.2	64.1	63.9	63.8	63.7	63.5	63.4
80%:	63.3	63.2	63.1	63.0	62.8	62.6	62.4	62.3	62.1	61.9
90%:	61.8	61.6	61.4	61.2	60.9	60.4	59.7	59.0	58.2	57.3
100%:	56.5									

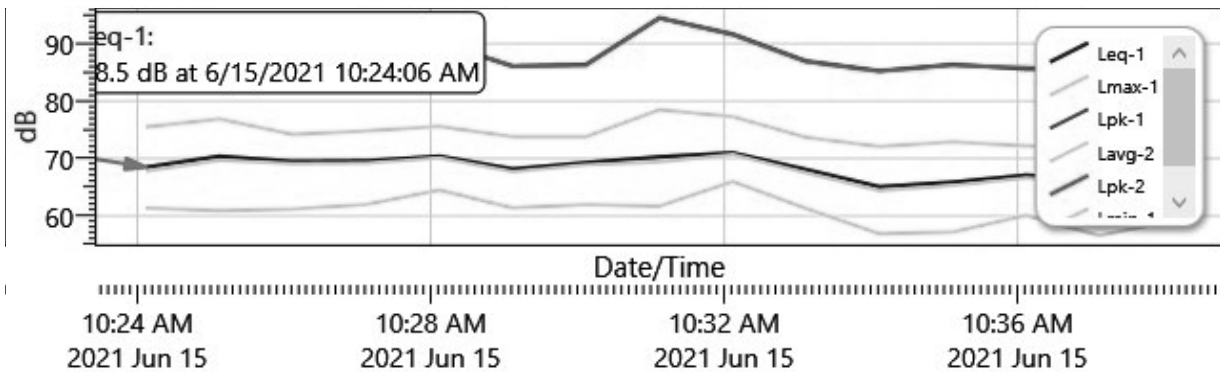
Exceedance Chart

S034_BIG080015_16062021_160446: Exceedance Chart



Logged Data Chart

S034_BIG080015_16062021_160446: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 10:24:07 AM	68.5	75.5	61.4	90.2
10:25:07 AM	70.4	76.9	60.9	93.3
10:26:07 AM	69.5	74.2	61.2	87.8
10:27:07 AM	69.6	74.8	62	93.1
10:28:07 AM	70.4	75.6	64.5	90.2
10:29:07 AM	68.2	73.8	61.4	86.1
10:30:07 AM	69.3	73.8	62	86.4
10:31:07 AM	70.3	78.5	61.7	94.5
10:32:07 AM	71	77.3	66	91.7
10:33:07 AM	68.1	73.7	61.3	87
10:34:07 AM	65.1	72.1	56.9	85.3
10:35:07 AM	65.9	72.9	57.2	86.4
10:36:07 AM	67.1	72.2	60.1	85.6
10:37:07 AM	66.4	71.9	56.6	85.4
10:38:07 AM	65.8	71.6	59.2	86.7

Session Report

6/16/2021

Information Panel

Name S007_BIF090005_16062021_145129
Start Time 6/15/2021 10:23:24 AM
Stop Time 6/15/2021 10:38:24 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from Wall Location 1 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	67.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

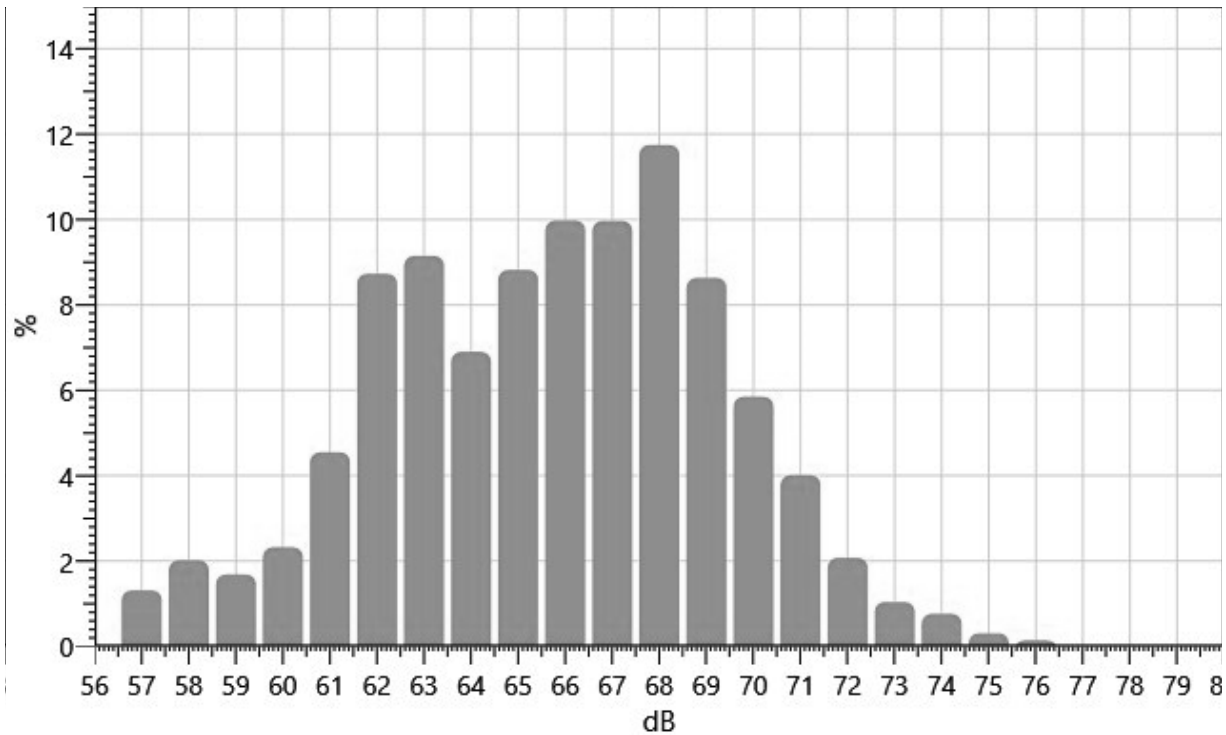
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
57:	0.09	0.09	0.03	0.05	0.08	0.18	0.24	0.25	0.17	0.13	1.31
58:	0.20	0.28	0.20	0.16	0.11	0.16	0.20	0.32	0.24	0.13	2.02
59:	0.13	0.10	0.10	0.15	0.19	0.14	0.21	0.20	0.27	0.19	1.68
60:	0.22	0.23	0.13	0.22	0.21	0.41	0.23	0.19	0.23	0.26	2.32
61:	0.32	0.28	0.35	0.35	0.34	0.37	0.57	0.71	0.60	0.64	4.55
62:	0.74	0.64	0.75	0.72	0.91	0.95	1.09	0.98	0.99	0.95	8.73
63:	1.06	1.15	0.61	0.97	0.86	0.81	0.89	0.96	0.93	0.92	9.15
64:	1.07	0.89	0.79	0.60	0.58	0.57	0.52	0.64	0.61	0.62	6.90
65:	0.85	0.78	0.73	0.82	0.79	0.80	0.95	1.10	1.05	0.95	8.82
66:	1.29	1.27	0.77	0.87	0.78	0.91	1.06	0.99	1.05	0.98	9.98
67:	0.83	0.96	0.93	0.97	0.95	0.97	1.02	1.06	1.05	1.22	9.97
68:	1.31	1.09	1.26	1.04	1.28	1.27	1.21	1.19	1.03	1.08	11.75
69:	1.13	1.17	0.93	1.04	0.95	0.78	0.65	0.68	0.72	0.60	8.63

70:	0.65	0.53	0.67	0.77	0.66	0.61	0.50	0.57	0.52	0.39	5.85
71:	0.52	0.56	0.49	0.44	0.43	0.35	0.35	0.31	0.35	0.22	4.01
72:	0.21	0.22	0.23	0.15	0.24	0.21	0.16	0.19	0.23	0.23	2.07
73:	0.22	0.15	0.11	0.10	0.15	0.06	0.06	0.07	0.05	0.06	1.04
74:	0.07	0.06	0.10	0.08	0.06	0.11	0.08	0.10	0.05	0.05	0.76
75:	0.03	0.04	0.04	0.02	0.03	0.02	0.03	0.03	0.05	0.02	0.31
76:	0.02	0.04	0.05	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.14

Statistics Chart

S007_BIF090005_16062021_145129: Statistics Chart



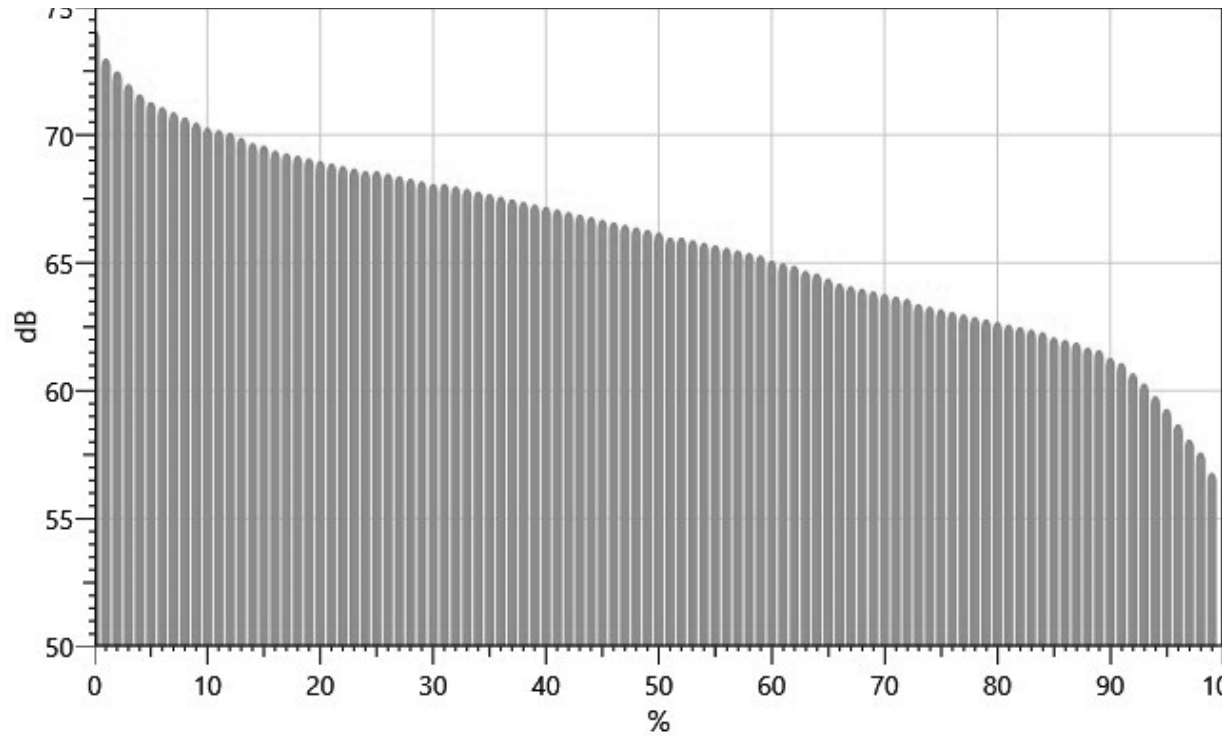
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		74.1	73.0	72.5	72.0	71.6	71.3	71.1	70.9	70.7
10%:	70.5	70.3	70.2	70.1	69.9	69.7	69.6	69.4	69.3	69.2
20%:	69.1	69.0	68.9	68.8	68.7	68.6	68.6	68.5	68.4	68.3
30%:	68.2	68.1	68.1	68.0	67.9	67.8	67.7	67.6	67.5	67.4
40%:	67.3	67.2	67.1	67.0	66.9	66.8	66.7	66.6	66.5	66.4
50%:	66.3	66.2	66.0	66.0	65.9	65.8	65.7	65.6	65.5	65.4
60%:	65.3	65.1	65.0	64.9	64.7	64.6	64.4	64.2	64.1	64.0
70%:	63.9	63.8	63.7	63.6	63.4	63.3	63.2	63.1	63.0	62.9

80%:	62.8	62.7	62.6	62.5	62.4	62.3	62.1	62.0	61.9	61.7
90%:	61.6	61.3	61.1	60.7	60.3	59.8	59.3	58.7	58.1	57.6
100%:	56.8									

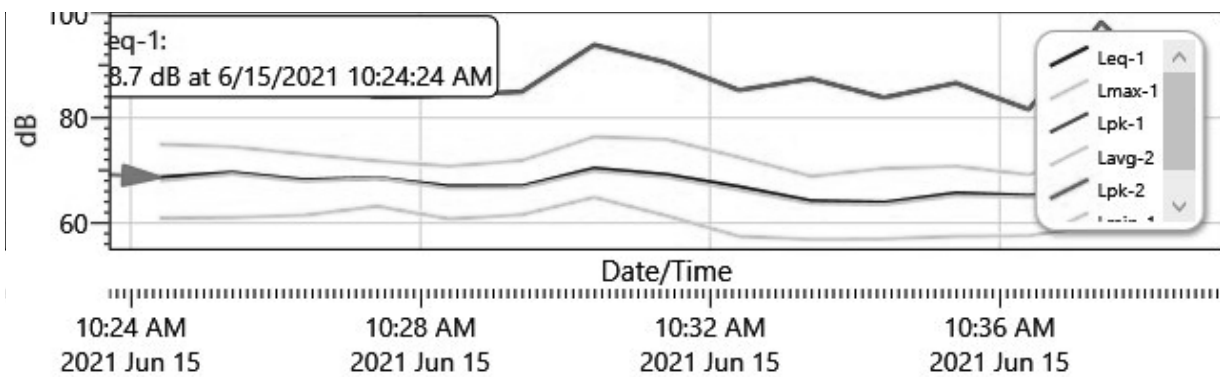
Exceedance Chart

S007_BIF090005_16062021_145129: Exceedance Chart



Logged Data Chart

S007_BIF090005_16062021_145129: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 10:24:24 AM	68.7	75	60.9	91.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:25:24 AM	69.6	74.5	61.1	91.3
10:26:24 AM	68.2	73.1	61.5	87.5
10:27:24 AM	68.6	71.8	63.2	83.9
10:28:24 AM	67	70.8	60.8	84.3
10:29:24 AM	67	71.9	61.6	85
10:30:24 AM	70.4	76.4	64.9	93.9
10:31:24 AM	69.2	75.9	61.4	90.5
10:32:24 AM	66.9	72.5	57.5	85.3
10:33:24 AM	64.2	68.9	56.9	87.4
10:34:24 AM	63.9	70.4	57	83.9
10:35:24 AM	65.7	70.8	57.5	86.6
10:36:24 AM	65.2	69.2	57.6	81.6
10:37:24 AM	66.1	73.1	59.8	98.2
10:38:24 AM	67.1	71.2	62.4	85.5

Session Report

6/16/2021

Information Panel

Name S008_BIH050004_16062021_150759
Start Time 6/15/2021 10:25:06 AM
Stop Time 6/15/2021 10:40:06 AM
Device Name BIH050004
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 200' from wall location 1 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	61.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	IMPULSE			

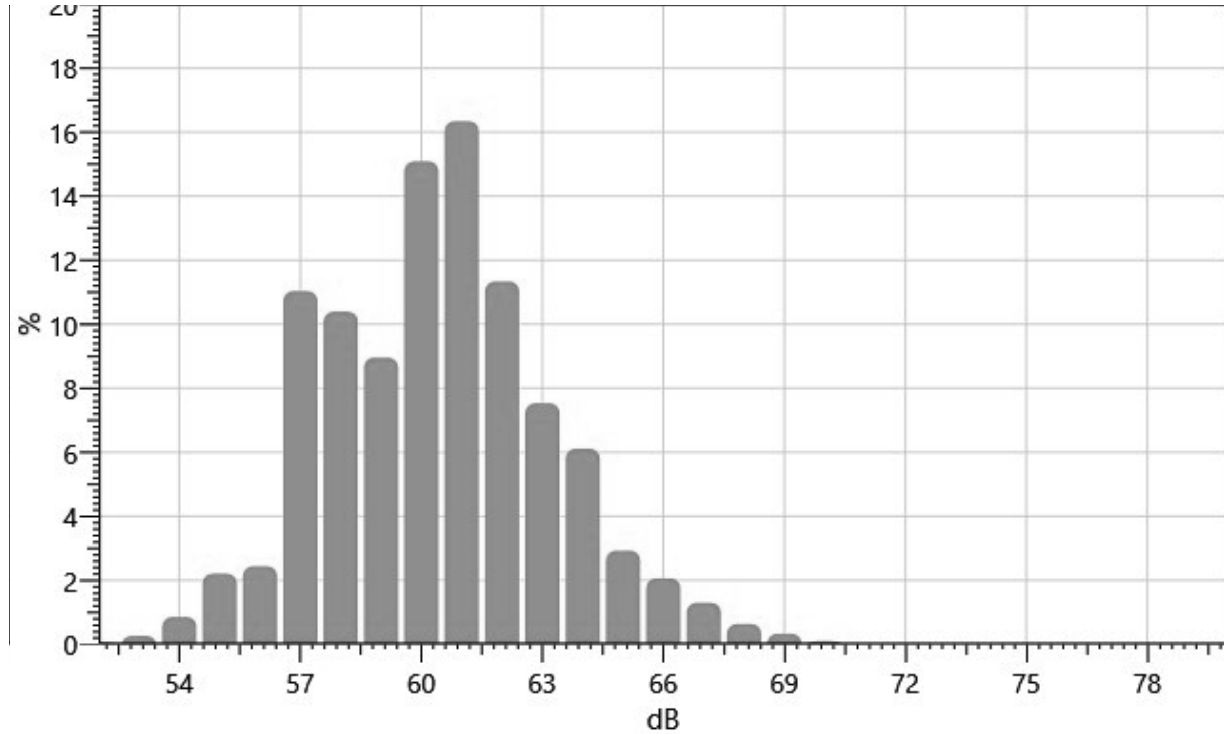
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
52:	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.01	0.03	0.07
53:	0.03	0.06	0.05	0.02	0.03	0.01	0.01	0.01	0.03	0.02	0.27
54:	0.04	0.05	0.03	0.04	0.10	0.16	0.10	0.12	0.10	0.11	0.86
55:	0.12	0.10	0.24	0.14	0.20	0.27	0.30	0.23	0.29	0.30	2.21
56:	0.23	0.15	0.14	0.17	0.18	0.13	0.15	0.21	0.56	0.51	2.44
57:	0.57	0.78	0.78	0.88	0.77	1.12	1.43	1.53	1.81	1.36	11.04
58:	1.60	1.44	0.98	1.19	0.92	0.91	0.90	0.68	0.96	0.81	10.39
59:	0.78	0.88	0.79	0.86	0.95	0.81	0.70	0.97	1.00	1.23	8.96
60:	1.91	1.48	1.47	1.42	1.68	1.60	1.40	1.54	1.41	1.18	15.09
61:	1.20	1.47	1.34	2.03	1.79	1.32	1.61	1.91	1.76	1.90	16.34
62:	1.41	1.24	1.43	1.26	1.25	1.16	1.04	0.87	0.97	0.72	11.34
63:	0.80	0.88	0.64	0.74	0.70	0.75	0.72	0.75	0.74	0.80	7.53
64:	0.74	1.10	0.73	0.85	0.71	0.53	0.35	0.32	0.35	0.43	6.11
65:	0.31	0.36	0.24	0.20	0.25	0.23	0.28	0.31	0.39	0.35	2.93

66:	0.41	0.25	0.29	0.14	0.19	0.12	0.17	0.16	0.14	0.20	2.06
67:	0.13	0.21	0.09	0.14	0.15	0.16	0.16	0.09	0.10	0.08	1.30
68:	0.08	0.07	0.10	0.04	0.05	0.06	0.09	0.07	0.05	0.03	0.64
69:	0.04	0.03	0.03	0.05	0.03	0.02	0.03	0.04	0.03	0.03	0.33
70:	0.02	0.03	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.10

Statistics Chart

S008_BIH050004_16062021_150759: Statistics Chart



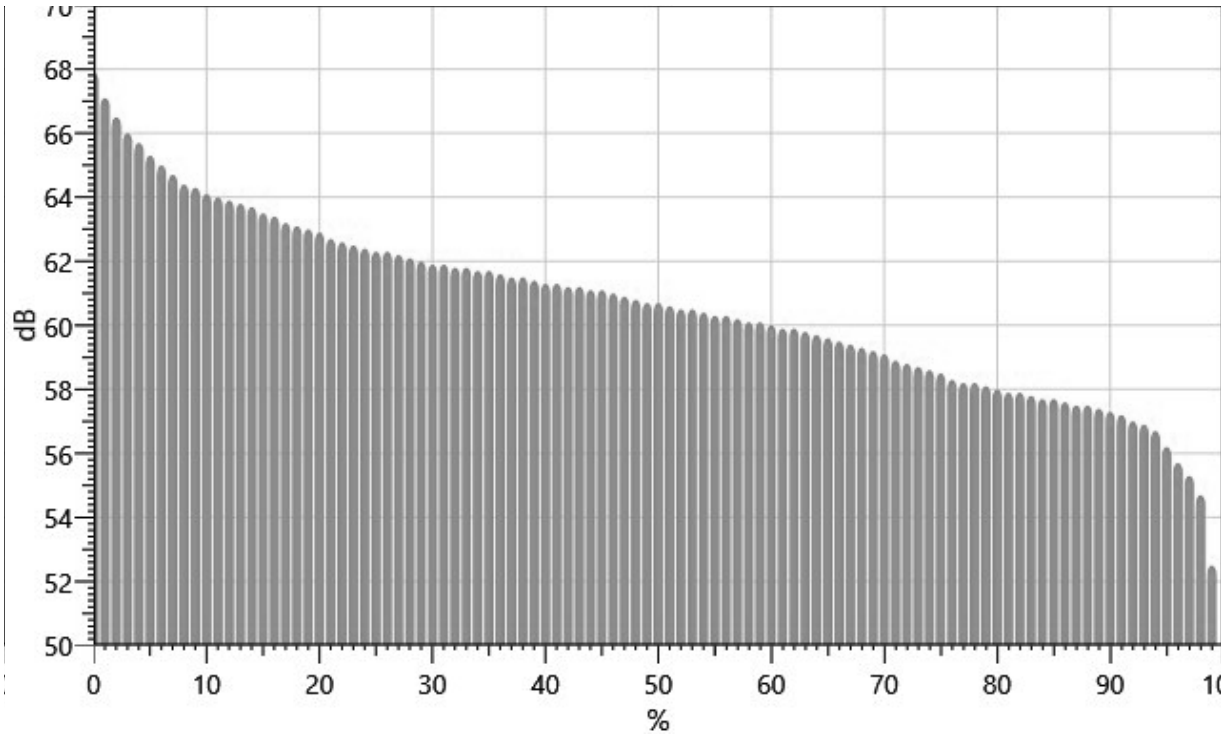
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		67.9	67.1	66.5	66.0	65.7	65.3	65.0	64.7	64.4
10%:	64.3	64.1	64.0	63.9	63.8	63.7	63.5	63.4	63.2	63.1
20%:	63.0	62.9	62.7	62.6	62.5	62.4	62.3	62.3	62.2	62.1
30%:	62.0	61.9	61.9	61.8	61.8	61.7	61.7	61.6	61.5	61.5
40%:	61.4	61.3	61.3	61.2	61.2	61.1	61.1	61.0	60.9	60.8
50%:	60.7	60.7	60.6	60.5	60.5	60.4	60.3	60.3	60.2	60.1
60%:	60.1	60.0	59.9	59.9	59.8	59.7	59.6	59.5	59.4	59.3
70%:	59.2	59.1	58.9	58.8	58.7	58.6	58.5	58.3	58.2	58.2
80%:	58.1	58.0	57.9	57.9	57.8	57.7	57.7	57.6	57.5	57.5
90%:	57.4	57.3	57.2	57.0	56.9	56.7	56.2	55.7	55.3	54.7

100%: 52.5

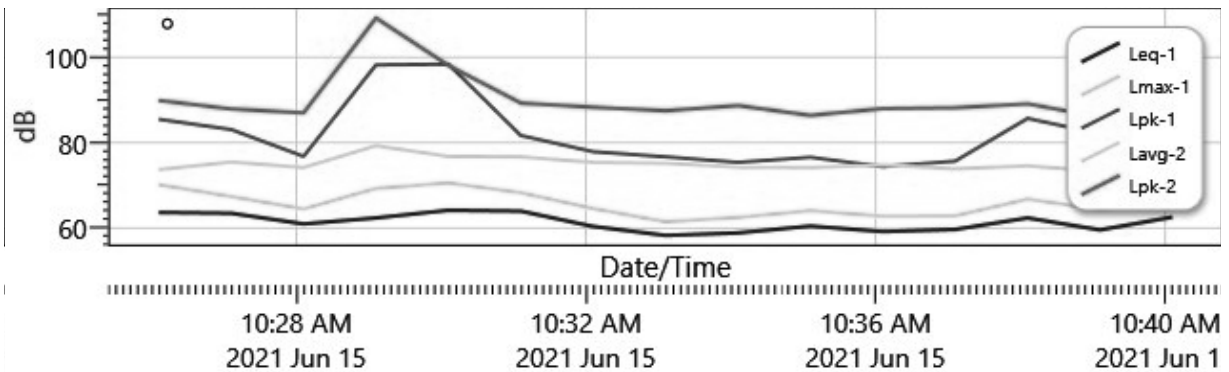
Exceedance Chart

S008_BIH050004_16062021_150759: Exceedance Chart



Logged Data Chart

S008_BIH050004_16062021_150759: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 10:26:06 AM	63.7	70.2	57.7	85.5
10:27:06 AM	63.5	67.4	60.1	83.1
10:28:06 AM	61	64.5	57.3	76.8

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:29:06 AM	62.4	69.3	57.3	98.2
10:30:06 AM	64.2	70.6	58.5	98.4
10:31:06 AM	64	68.3	59.8	81.7
10:32:06 AM	60.4	64.6	52.6	77.9
10:33:06 AM	58.3	61.5	54.4	76.7
10:34:06 AM	58.9	62.5	55.9	75.4
10:35:06 AM	60.5	64.1	57.1	76.6
10:36:06 AM	59.2	62.8	55.1	74.4
10:37:06 AM	59.7	62.9	56.8	75.7
10:38:06 AM	62.4	66.8	58.9	85.7
10:39:06 AM	59.6	64.4	54.3	82.1
10:40:06 AM	62.6	66.2	59.7	79.3

Session Report

6/16/2021

Information Panel

Name S444_BGH030008_16062021_123726
Start Time 6/15/2021 11:54:23 AM
Stop Time 6/15/2021 12:09:23 PM
Device Name BGH030008
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 1 TOW-Preconstruction 2

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

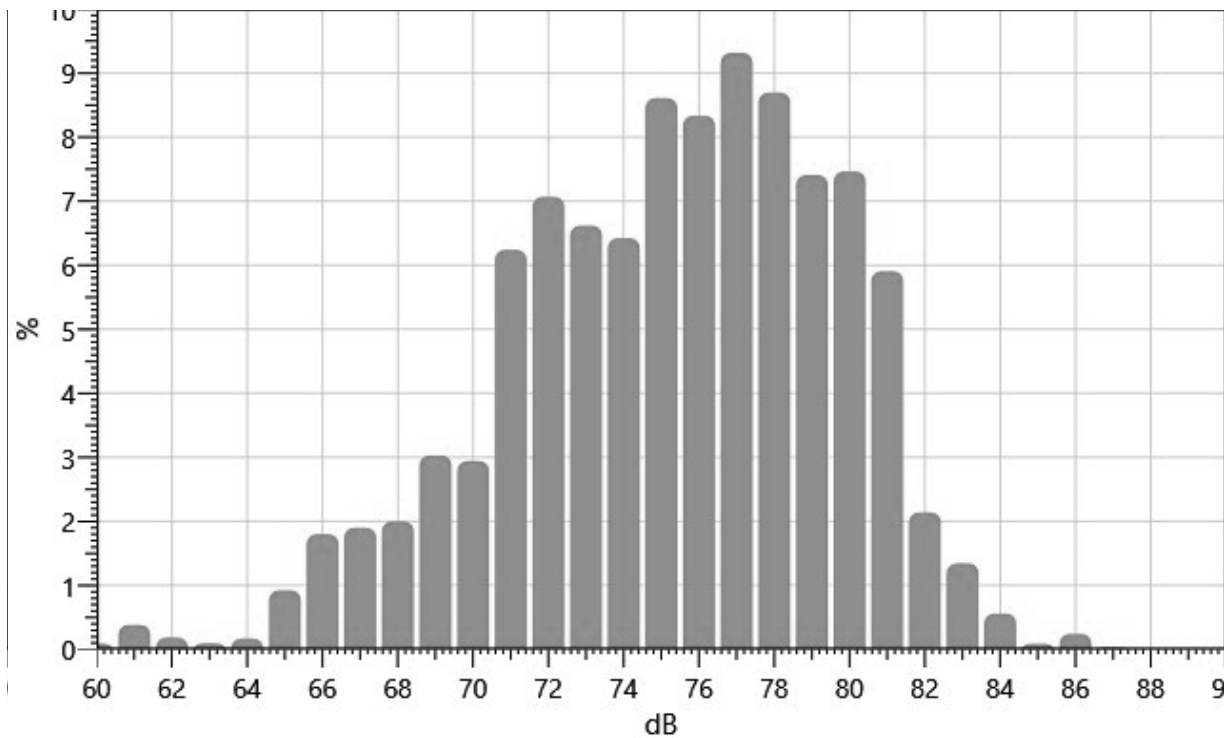
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
60:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.03	0.09
61:	0.02	0.03	0.17	0.05	0.03	0.02	0.01	0.02	0.02	0.01	0.38
62:	0.02	0.01	0.05	0.01	0.03	0.02	0.01	0.01	0.01	0.01	0.18
63:	0.01	0.01	0.00	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.10
64:	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.04	0.02	0.02	0.17
65:	0.04	0.09	0.09	0.06	0.06	0.13	0.12	0.08	0.12	0.14	0.92
66:	0.10	0.15	0.13	0.17	0.15	0.29	0.22	0.25	0.19	0.15	1.80
67:	0.12	0.15	0.16	0.13	0.15	0.19	0.28	0.24	0.24	0.24	1.90
68:	0.18	0.20	0.18	0.21	0.16	0.18	0.16	0.23	0.22	0.28	2.00
69:	0.28	0.26	0.21	0.21	0.40	0.33	0.44	0.35	0.30	0.24	3.03
70:	0.28	0.28	0.25	0.22	0.28	0.38	0.33	0.27	0.27	0.38	2.94
71:	0.45	0.61	0.55	0.57	0.59	0.67	0.69	0.60	0.76	0.75	6.24
72:	0.71	0.64	0.66	0.40	0.83	0.69	0.78	0.76	0.87	0.74	7.07
73:	0.72	0.65	0.69	0.69	0.65	0.64	0.72	0.76	0.54	0.57	6.62

74:	0.62	0.64	0.56	0.60	0.74	0.58	0.65	0.66	0.69	0.68	6.42
75:	0.76	0.82	0.89	0.54	0.79	0.98	0.88	1.03	0.90	1.01	8.61
76:	0.90	0.88	0.85	0.68	0.68	0.82	0.87	0.85	0.85	0.95	8.34
77:	0.86	0.86	0.84	0.94	0.88	1.00	0.88	0.97	1.11	0.98	9.32
78:	0.89	1.06	0.92	0.69	0.92	0.93	0.96	0.81	0.72	0.79	8.70
79:	0.86	0.80	0.69	0.73	0.65	0.83	0.65	0.70	0.73	0.77	7.41
80:	0.75	0.84	0.85	0.81	0.77	0.85	0.72	0.66	0.63	0.59	7.46
81:	0.80	0.99	0.88	0.46	0.68	0.50	0.53	0.45	0.34	0.27	5.91
82:	0.29	0.28	0.28	0.20	0.25	0.21	0.19	0.14	0.16	0.14	2.14
83:	0.11	0.11	0.09	0.09	0.20	0.17	0.15	0.15	0.14	0.14	1.34
84:	0.10	0.12	0.10	0.09	0.05	0.01	0.02	0.02	0.01	0.04	0.56
85:	0.02	0.01	0.02	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.09
86:	0.02	0.02	0.01	0.02	0.03	0.02	0.06	0.04	0.01	0.01	0.24
87:	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

Statistics Chart

S444_BGH030008_16062021_123726: Statistics Chart



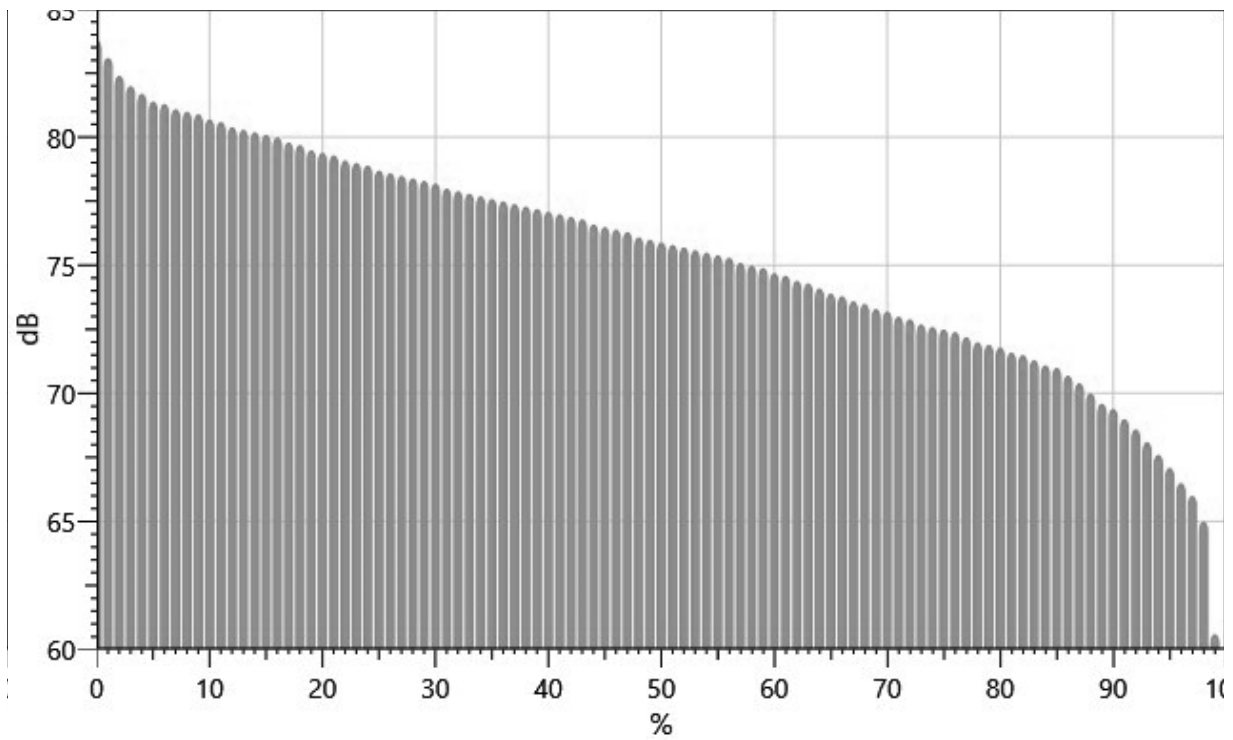
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		83.8	83.1	82.4	82.0	81.7	81.4	81.3	81.1	81.0

10%:	80.9	80.7	80.6	80.4	80.3	80.2	80.1	80.0	79.8	79.7
20%:	79.5	79.4	79.3	79.1	79.0	78.9	78.7	78.6	78.5	78.4
30%:	78.3	78.2	78.0	77.9	77.8	77.7	77.6	77.5	77.4	77.3
40%:	77.2	77.1	77.0	76.9	76.8	76.6	76.5	76.4	76.3	76.1
50%:	76.0	75.9	75.8	75.7	75.6	75.5	75.4	75.3	75.1	75.0
60%:	74.9	74.7	74.6	74.4	74.3	74.1	73.9	73.8	73.6	73.5
70%:	73.3	73.2	73.0	72.9	72.7	72.6	72.5	72.4	72.2	72.0
80%:	71.9	71.8	71.6	71.5	71.3	71.1	71.0	70.7	70.4	70.0
90%:	69.6	69.4	69.0	68.6	68.1	67.6	67.1	66.5	66.0	65.0
100%:	60.6									

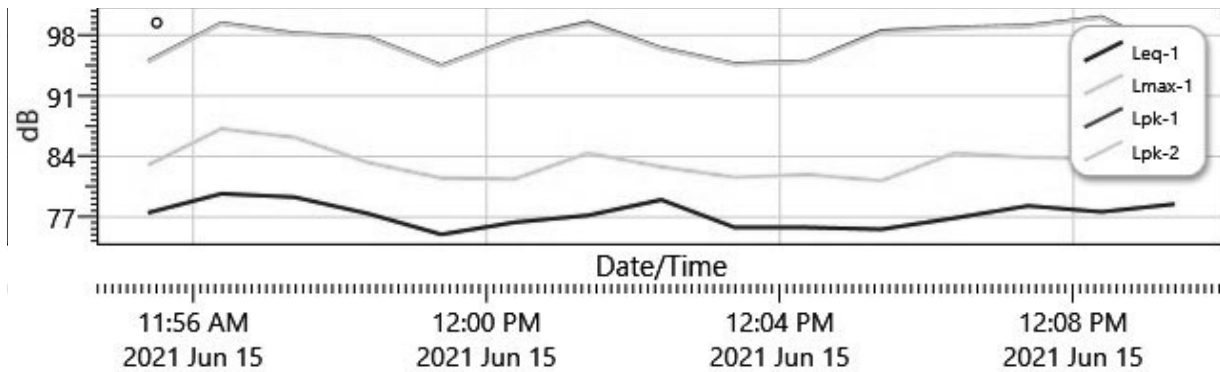
Exceedance Chart

S444_BG030008_16062021_123726: Exceedance Chart



Logged Data Chart

S444_BGH030008_16062021_123726: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 11:55:23 AM	77.5	83	65.1	95
11:56:23 AM	79.7	87.2	69.3	99.4
11:57:23 AM	79.3	86.2	72.4	98.2
11:58:23 AM	77.4	83.3	69.1	97.8
11:59:23 AM	75	81.5	64.6	94.5
12:00:23 PM	76.4	81.4	65.8	97.6
12:01:23 PM	77.2	84.4	66.4	99.5
12:02:23 PM	79	82.8	66.1	96.5
12:03:23 PM	75.8	81.6	65	94.7
12:04:23 PM	75.8	81.9	66.3	95
12:05:23 PM	75.6	81.2	60.7	98.5
12:06:23 PM	76.9	84.4	67.1	98.9
12:07:23 PM	78.3	83.9	65.5	99.1
12:08:23 PM	77.6	83.7	66.8	100.1
12:09:23 PM	78.5	84.2	71.4	96

Session Report

6/16/2021

Information Panel

Name S012_BHF080013_16062021_154704
Start Time 6/15/2021 11:54:49 AM
Stop Time 6/15/2021 12:09:49 PM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 10' from wall location 2 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	73.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

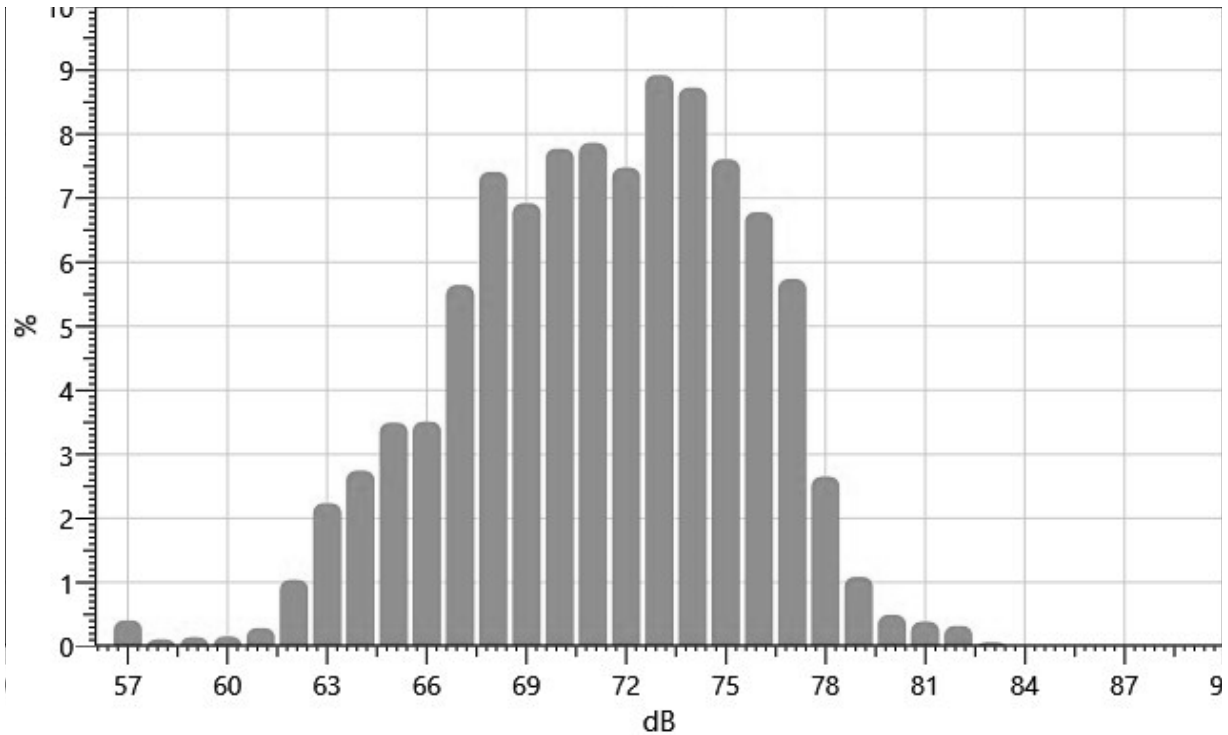
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
57:	0.03	0.04	0.02	0.02	0.02	0.09	0.11	0.02	0.03	0.03	0.41
58:	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.11
59:	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.14
60:	0.01	0.01	0.01	0.05	0.02	0.02	0.01	0.01	0.01	0.01	0.15
61:	0.06	0.03	0.03	0.02	0.01	0.01	0.02	0.01	0.03	0.07	0.29
62:	0.12	0.04	0.03	0.02	0.04	0.10	0.17	0.16	0.16	0.20	1.04
63:	0.17	0.16	0.15	0.20	0.17	0.16	0.20	0.31	0.41	0.31	2.24
64:	0.22	0.28	0.31	0.28	0.29	0.28	0.30	0.24	0.24	0.31	2.74
65:	0.32	0.33	0.41	0.23	0.49	0.36	0.38	0.35	0.35	0.27	3.49
66:	0.35	0.37	0.29	0.32	0.37	0.38	0.34	0.35	0.40	0.33	3.51
67:	0.36	0.51	0.62	0.70	0.65	0.56	0.51	0.52	0.60	0.61	5.64
68:	0.63	0.65	0.77	0.55	0.71	0.61	0.58	0.94	0.94	1.01	7.41
69:	0.83	0.62	0.74	0.67	0.60	0.63	0.76	0.66	0.75	0.66	6.92

70:	0.77	0.74	0.92	0.81	0.86	0.77	0.77	0.76	0.63	0.74	7.77
71:	0.78	0.90	0.86	0.63	0.85	0.83	0.83	0.77	0.75	0.66	7.86
72:	0.66	0.93	0.73	0.71	0.84	0.73	0.76	0.66	0.74	0.72	7.48
73:	0.88	0.81	0.72	0.84	1.05	0.96	1.01	0.92	0.82	0.92	8.92
74:	0.95	1.02	1.05	0.69	0.93	0.84	0.81	0.80	0.84	0.82	8.73
75:	0.84	0.70	0.75	0.90	0.84	0.78	0.73	0.76	0.58	0.74	7.61
76:	0.63	0.68	0.61	0.64	0.68	0.69	0.76	0.69	0.74	0.67	6.78
77:	0.69	0.78	0.75	0.48	0.51	0.52	0.44	0.46	0.53	0.55	5.74
78:	0.37	0.34	0.28	0.23	0.19	0.28	0.28	0.28	0.24	0.16	2.65
79:	0.22	0.12	0.12	0.11	0.07	0.09	0.09	0.09	0.08	0.10	1.09
80:	0.06	0.05	0.05	0.03	0.03	0.05	0.06	0.06	0.06	0.05	0.49
81:	0.04	0.05	0.09	0.05	0.04	0.04	0.03	0.02	0.02	0.02	0.39
82:	0.02	0.03	0.03	0.05	0.03	0.04	0.05	0.02	0.03	0.03	0.32
83:	0.01	0.01	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.06

Statistics Chart

S012_BHF080013_16062021_154704: Statistics Chart



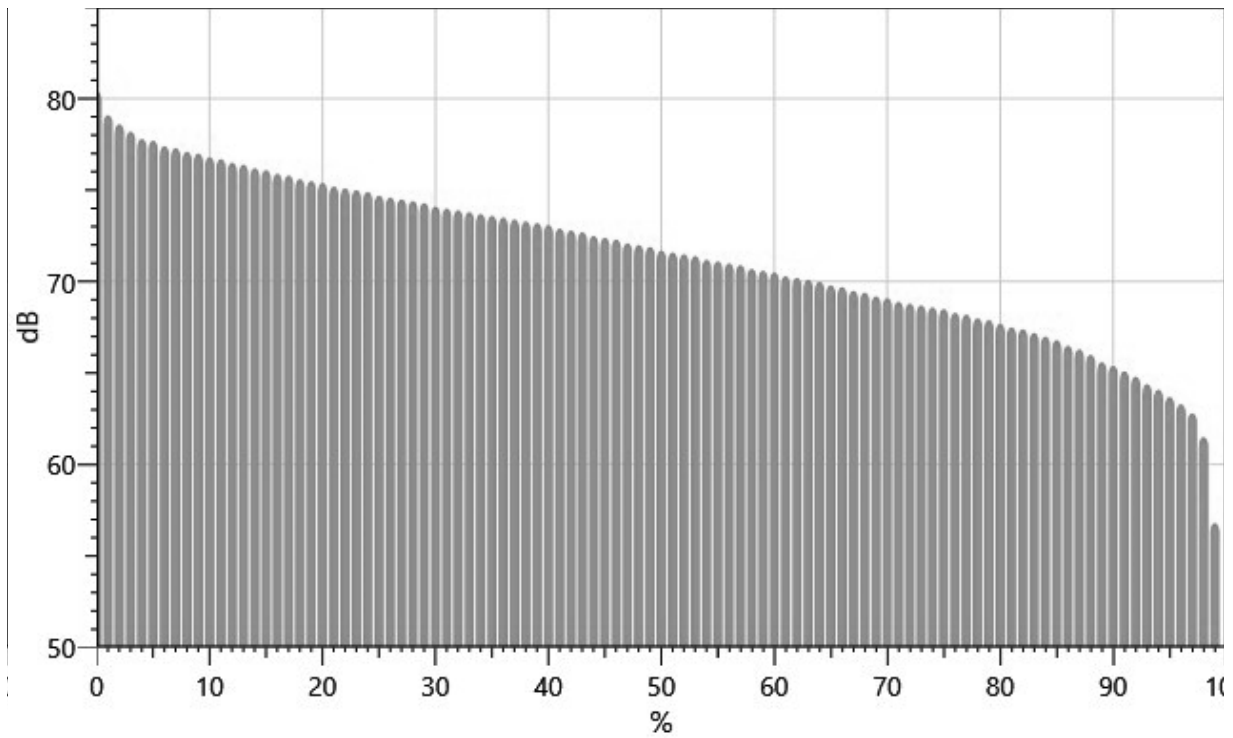
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		80.4	79.1	78.6	78.2	77.8	77.7	77.4	77.3	77.1

10%:	77.0	76.8	76.7	76.5	76.4	76.2	76.1	75.9	75.8	75.6
20%:	75.5	75.4	75.2	75.1	75.0	74.9	74.7	74.6	74.5	74.4
30%:	74.3	74.1	74.0	73.9	73.8	73.7	73.6	73.5	73.4	73.3
40%:	73.2	73.1	72.9	72.8	72.7	72.5	72.4	72.3	72.1	72.0
50%:	71.9	71.7	71.6	71.5	71.4	71.2	71.1	71.0	70.9	70.7
60%:	70.6	70.5	70.3	70.2	70.1	70.0	69.8	69.7	69.5	69.4
70%:	69.2	69.1	68.9	68.8	68.7	68.6	68.5	68.3	68.2	68.0
80%:	67.9	67.7	67.5	67.4	67.2	67.0	66.8	66.5	66.3	66.0
90%:	65.6	65.4	65.1	64.8	64.4	64.1	63.7	63.3	62.8	61.5
100%:	56.8									

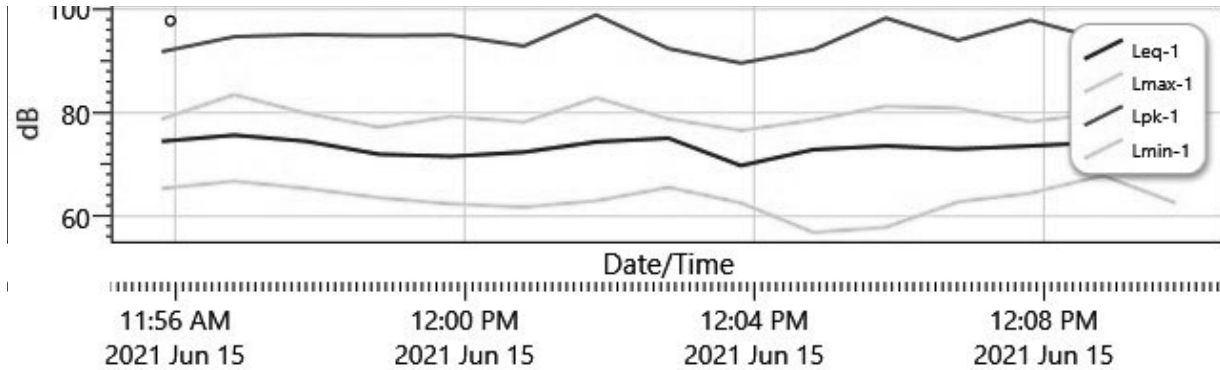
Exceedance Chart

S012_BHF080013_16062021_154704: Exceedance Chart



Logged Data Chart

S012_BHF080013_16062021_154704: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 11:55:49 AM	74.5	78.8	65.4	91.8
11:56:49 AM	75.7	83.5	66.8	94.7
11:57:49 AM	74.5	79.9	65.4	95.1
11:58:49 AM	72	77.2	63.6	94.9
11:59:49 AM	71.6	79.3	62.4	95
12:00:49 PM	72.4	78.2	61.8	92.9
12:01:49 PM	74.4	82.9	63	98.9
12:02:49 PM	75.1	78.8	65.6	92.4
12:03:49 PM	69.8	76.6	62.6	89.6
12:04:49 PM	72.9	78.6	56.9	92.2
12:05:49 PM	73.6	81.3	57.9	98.3
12:06:49 PM	73	80.9	62.8	94
12:07:49 PM	73.6	78.3	64.5	97.9
12:08:49 PM	74.3	80	67.9	94.1
12:09:49 PM	73.3	79.1	62.6	92.5

Session Report

6/16/2021

Information Panel

Name S035_BIG080015_16062021_134228
Start Time 6/15/2021 11:55:29 AM
Stop Time 6/15/2021 12:10:29 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from Wall Location 2 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	70.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

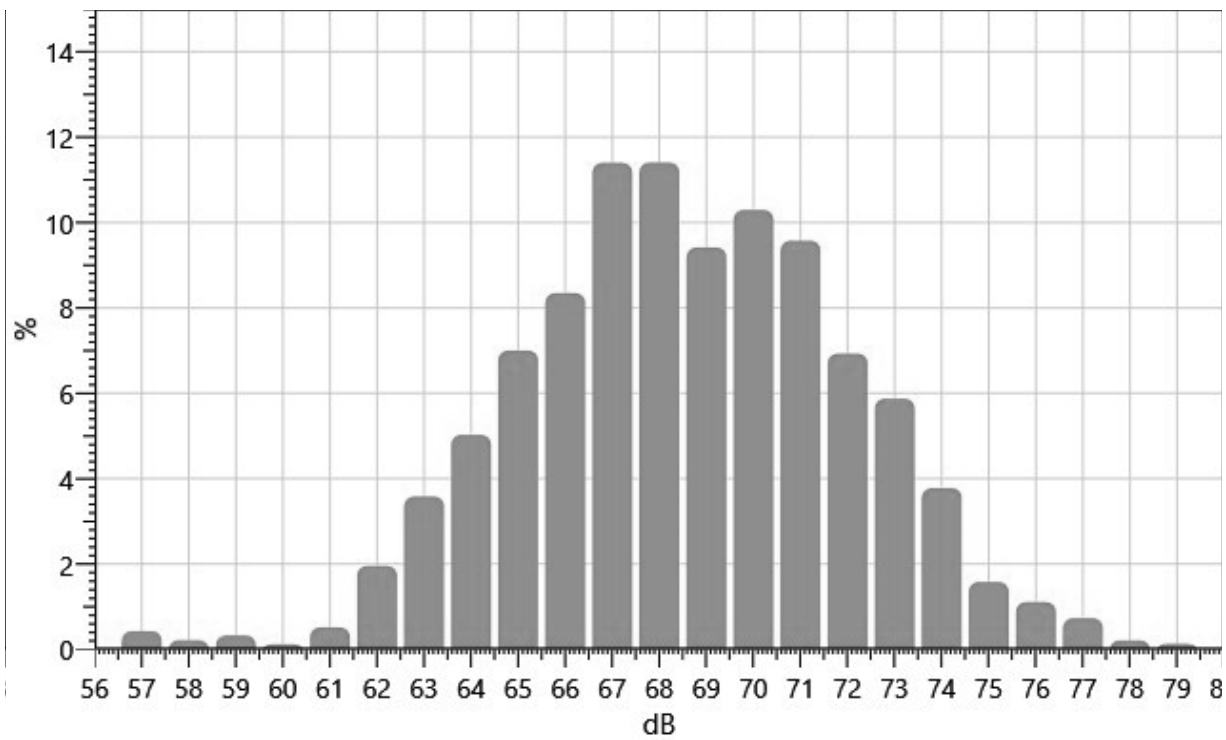
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
57:	0.10	0.03	0.04	0.09	0.04	0.05	0.03	0.02	0.01	0.02	0.43
58:	0.01	0.04	0.06	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.22
59:	0.09	0.05	0.03	0.05	0.03	0.01	0.02	0.02	0.02	0.01	0.33
60:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.12
61:	0.01	0.01	0.01	0.01	0.01	0.01	0.14	0.11	0.09	0.12	0.52
62:	0.11	0.09	0.09	0.14	0.20	0.14	0.17	0.24	0.36	0.41	1.96
63:	0.39	0.32	0.27	0.32	0.35	0.37	0.39	0.35	0.44	0.38	3.58
64:	0.45	0.39	0.49	0.46	0.51	0.48	0.53	0.68	0.59	0.45	5.03
65:	0.41	0.39	0.53	0.65	0.70	0.70	1.15	0.87	0.82	0.78	7.00
66:	0.95	0.91	0.89	0.91	0.82	0.73	0.75	0.88	0.71	0.80	8.35
67:	0.99	1.18	1.19	1.11	1.13	1.09	1.18	1.13	1.20	1.20	11.40
68:	1.49	1.40	0.77	1.13	1.03	1.13	1.17	1.10	1.16	1.03	11.41
69:	0.88	0.84	0.77	1.01	0.93	0.91	0.91	1.06	1.10	1.01	9.41

70:	1.01	1.02	1.15	0.92	1.00	1.15	1.13	0.99	0.99	0.94	10.30
71:	1.05	1.10	0.52	0.86	1.00	1.23	0.88	0.98	1.07	0.90	9.58
72:	0.70	0.67	0.69	0.68	0.74	0.66	0.69	0.68	0.70	0.71	6.93
73:	0.73	0.52	0.49	0.54	0.56	0.52	0.67	0.52	0.63	0.70	5.88
74:	0.61	0.45	0.34	0.38	0.41	0.46	0.38	0.31	0.23	0.21	3.78
75:	0.19	0.26	0.24	0.14	0.14	0.14	0.13	0.10	0.11	0.12	1.58
76:	0.13	0.17	0.11	0.10	0.11	0.08	0.08	0.10	0.11	0.12	1.11
77:	0.14	0.10	0.05	0.12	0.07	0.05	0.06	0.04	0.05	0.06	0.73
78:	0.03	0.02	0.02	0.03	0.03	0.03	0.02	0.01	0.01	0.01	0.21
79:	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.01	0.13
80:	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02

Statistics Chart

S035_BIG080015_16062021_134228: Statistics Chart



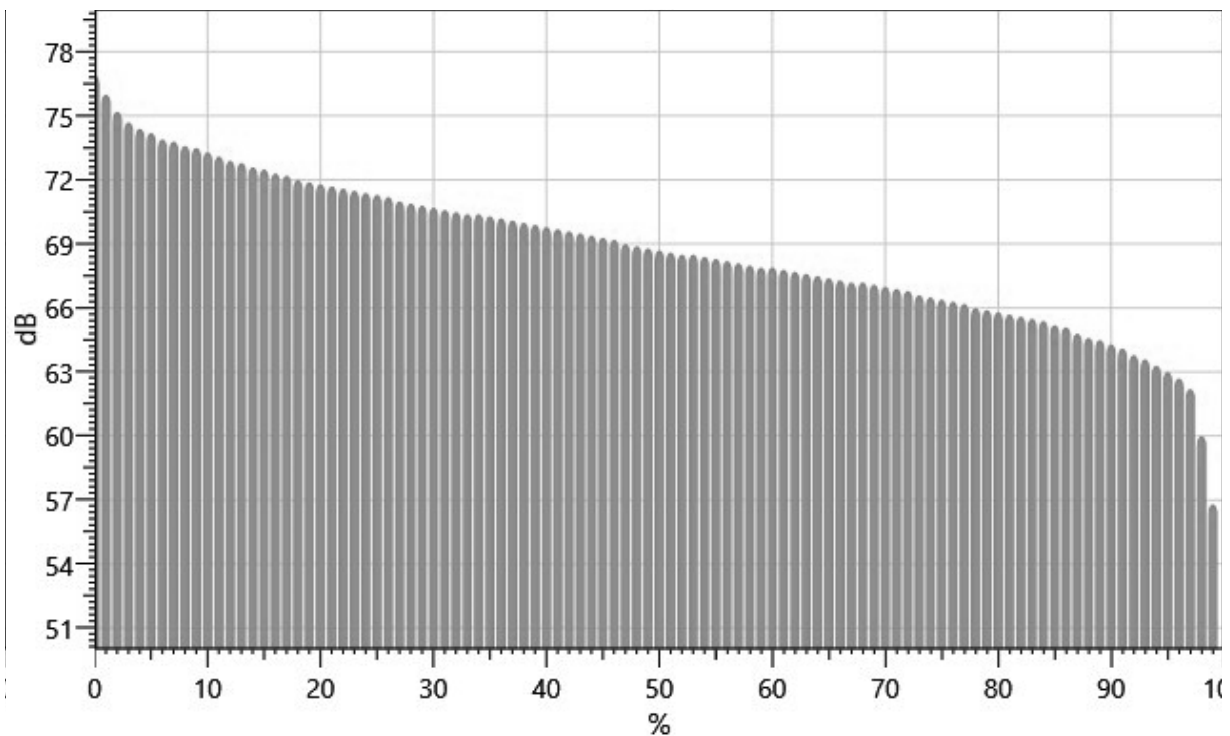
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		76.9	76.0	75.2	74.7	74.4	74.2	73.9	73.8	73.6
10%:	73.5	73.3	73.1	72.9	72.8	72.6	72.5	72.3	72.2	72.0
20%:	71.9	71.8	71.7	71.6	71.5	71.4	71.3	71.2	71.0	70.9
30%:	70.8	70.7	70.6	70.5	70.4	70.4	70.3	70.2	70.1	70.0

40%:	69.9	69.8	69.7	69.6	69.5	69.4	69.3	69.2	69.0	68.9
50%:	68.8	68.7	68.6	68.5	68.5	68.4	68.3	68.2	68.1	68.0
60%:	67.9	67.9	67.8	67.7	67.6	67.5	67.4	67.3	67.2	67.2
70%:	67.1	67.0	66.9	66.8	66.6	66.5	66.4	66.3	66.2	66.0
80%:	65.9	65.8	65.7	65.6	65.5	65.4	65.2	65.1	64.8	64.6
90%:	64.5	64.3	64.1	63.8	63.6	63.3	63.0	62.7	62.2	60.0
100%:	56.8									

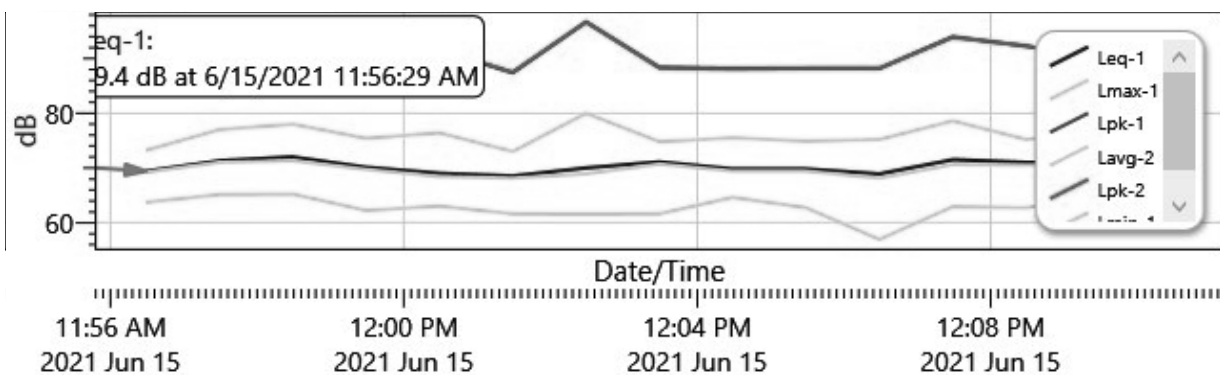
Exceedance Chart

S035_BIG080015_16062021_134228: Exceedance Chart



Logged Data Chart

S035_BIG080015_16062021_134228: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 11:56:29 AM	69.4	73.2	63.7	85.6
11:57:29 AM	71.3	77	65.1	90.4
11:58:29 AM	72	78	65.2	90.4
11:59:29 AM	70.1	75.4	62.2	95.2
12:00:29 PM	69	76.4	63	91.6
12:01:29 PM	68.5	73	61.6	87.4
12:02:29 PM	70	80	61.5	96.7
12:03:29 PM	71.1	74.8	61.6	88.4
12:04:29 PM	69.8	75.5	64.6	88.2
12:05:29 PM	69.8	74.9	62.7	88.2
12:06:29 PM	68.9	75.2	56.9	88.2
12:07:29 PM	71.5	78.6	62.9	94
12:08:29 PM	71	75.2	62.7	92.3
12:09:29 PM	71.1	76.5	64.6	90
12:10:29 PM	70.6	74.7	66.1	94.5

Session Report

6/16/2021

Information Panel

Name S008_BIF090005_16062021_145129
Start Time 6/15/2021 11:54:40 AM
Stop Time 6/15/2021 12:09:40 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from wall location 2 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	69.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

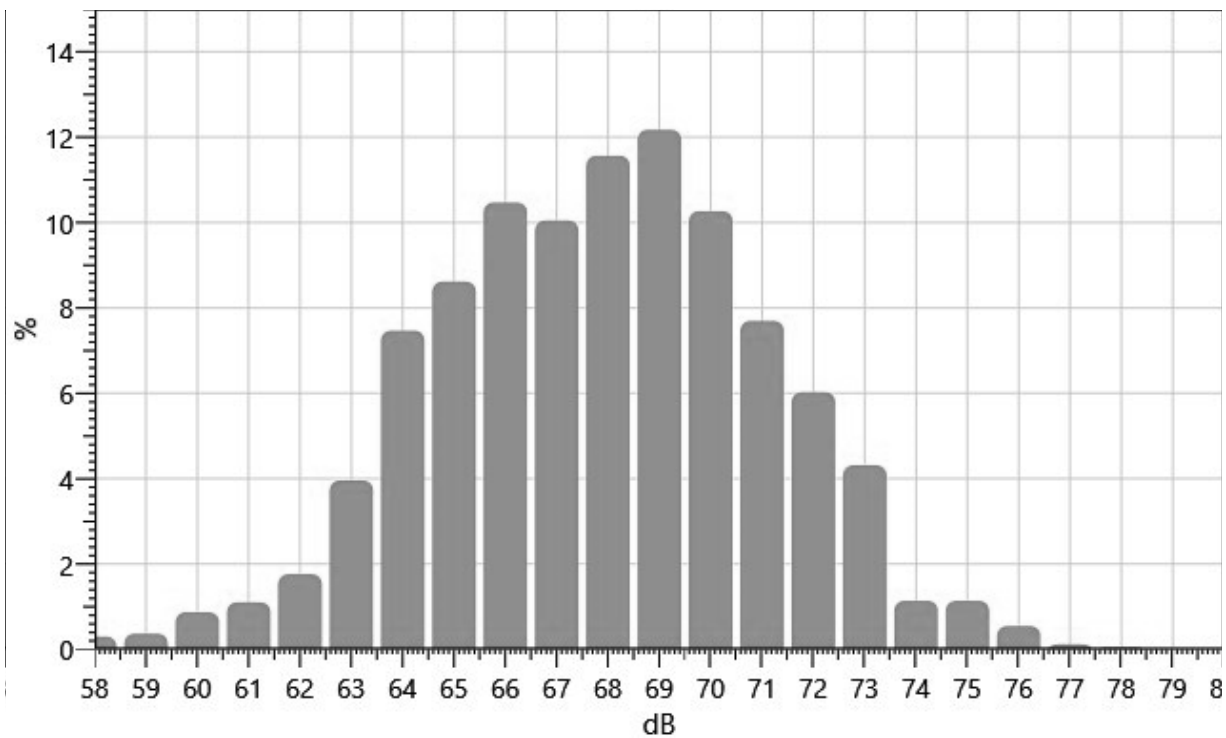
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.04	0.06	0.05	0.02	0.02	0.01	0.01	0.04	0.05	0.01	0.30
59:	0.02	0.01	0.04	0.06	0.02	0.01	0.02	0.04	0.07	0.07	0.37
60:	0.08	0.06	0.05	0.19	0.14	0.11	0.09	0.05	0.06	0.05	0.87
61:	0.05	0.03	0.10	0.14	0.15	0.12	0.08	0.11	0.17	0.15	1.10
62:	0.14	0.11	0.13	0.15	0.13	0.14	0.13	0.26	0.31	0.26	1.76
63:	0.42	0.40	0.34	0.48	0.57	0.42	0.34	0.24	0.31	0.43	3.96
64:	0.42	0.57	0.52	0.63	0.71	0.64	0.84	0.95	1.10	1.08	7.47
65:	0.89	0.80	0.68	0.71	0.70	0.81	0.81	0.81	1.15	1.26	8.62
66:	1.01	1.03	0.61	1.03	1.26	1.37	1.05	1.04	1.07	1.00	10.47
67:	1.06	0.94	0.95	1.01	0.84	1.08	0.95	1.06	1.18	0.98	10.05
68:	1.11	1.04	1.12	1.25	1.19	1.08	1.10	1.24	1.18	1.26	11.56
69:	1.30	1.17	0.97	1.24	1.23	1.18	1.14	1.51	1.30	1.15	12.18
70:	1.11	1.27	1.34	1.19	1.09	0.98	1.00	0.78	0.78	0.72	10.27
71:	0.72	0.86	0.94	0.92	0.68	0.82	0.79	0.68	0.69	0.60	7.70

72:	0.57	0.84	0.68	0.36	0.58	0.68	0.59	0.51	0.57	0.64	6.02
73:	0.61	0.55	0.47	0.50	0.49	0.35	0.36	0.42	0.31	0.24	4.31
74:	0.13	0.11	0.11	0.11	0.09	0.09	0.11	0.12	0.13	0.14	1.14
75:	0.11	0.21	0.15	0.06	0.07	0.07	0.14	0.11	0.12	0.11	1.14
76:	0.12	0.10	0.09	0.07	0.06	0.03	0.03	0.01	0.01	0.01	0.55
77:	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.12
78:	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S008_BIF090005_16062021_145129: Statistics Chart



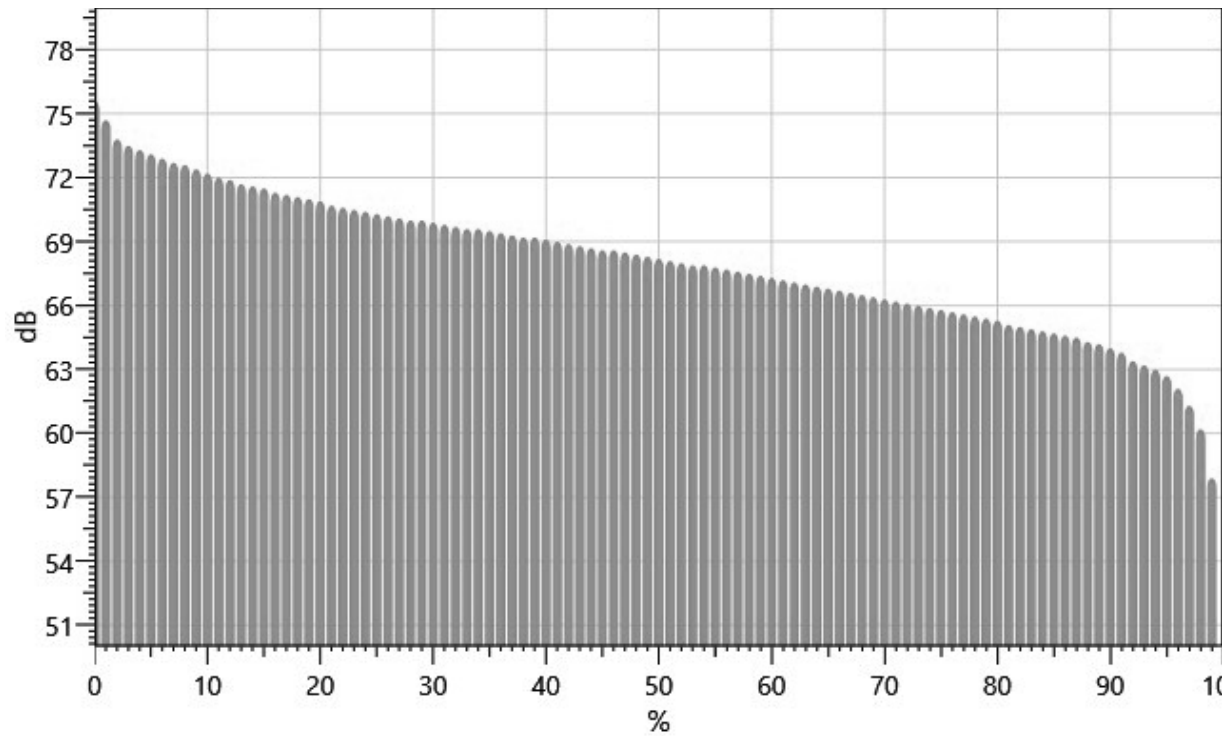
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		75.6	74.7	73.8	73.5	73.3	73.1	72.9	72.7	72.6
10%:	72.4	72.2	72.0	71.9	71.7	71.6	71.5	71.3	71.2	71.1
20%:	71.0	70.9	70.7	70.6	70.5	70.4	70.3	70.2	70.1	70.0
30%:	70.0	69.9	69.8	69.7	69.6	69.6	69.5	69.4	69.3	69.2
40%:	69.2	69.1	69.0	68.9	68.8	68.7	68.6	68.6	68.5	68.4
50%:	68.3	68.2	68.1	68.0	67.9	67.9	67.8	67.7	67.6	67.5
60%:	67.4	67.3	67.2	67.1	67.0	66.9	66.8	66.7	66.6	66.5
70%:	66.4	66.3	66.2	66.1	66.0	65.9	65.8	65.7	65.6	65.5

80%:	65.4	65.3	65.1	65.0	64.9	64.8	64.7	64.6	64.5	64.3
90%:	64.2	64.0	63.8	63.4	63.2	63.0	62.7	62.1	61.3	60.2
100%:	57.9									

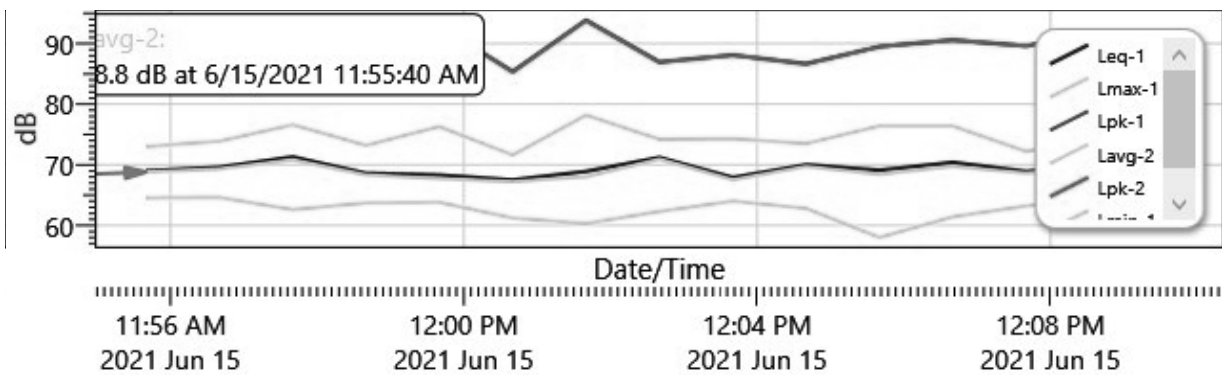
Exceedance Chart

S008_BIF090005_16062021_145129: Exceedance Chart



Logged Data Chart

S008_BIF090005_16062021_145129: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 11:55:40 AM	69	73	64.5	86.8

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:56:40 AM	69.6	73.9	64.6	86.9
11:57:40 AM	71.3	76.6	62.6	91.9
11:58:40 AM	68.6	73.2	63.7	92.9
11:59:40 AM	68.3	76.3	63.8	92.9
12:00:40 PM	67.5	71.6	61.2	85.4
12:01:40 PM	68.9	78.2	60.3	93.9
12:02:40 PM	71.2	74.2	62.3	87
12:03:40 PM	67.9	74.3	64	88.1
12:04:40 PM	70	73.5	62.8	86.7
12:05:40 PM	69.1	76.4	58	89.5
12:06:40 PM	70.4	76.4	61.4	90.6
12:07:40 PM	68.9	72.2	63.2	89.6
12:08:40 PM	70	74.6	64.2	92.1
12:09:40 PM	69.2	73.4	59.9	90.1

Session Report

6/16/2021

Information Panel

Name S009_BIH050004_16062021_150800
Start Time 6/15/2021 11:54:32 AM
Stop Time 6/15/2021 12:09:32 PM
Device Name BIH050004
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 200' from wall location of wall 2 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	83.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	IMPULSE			

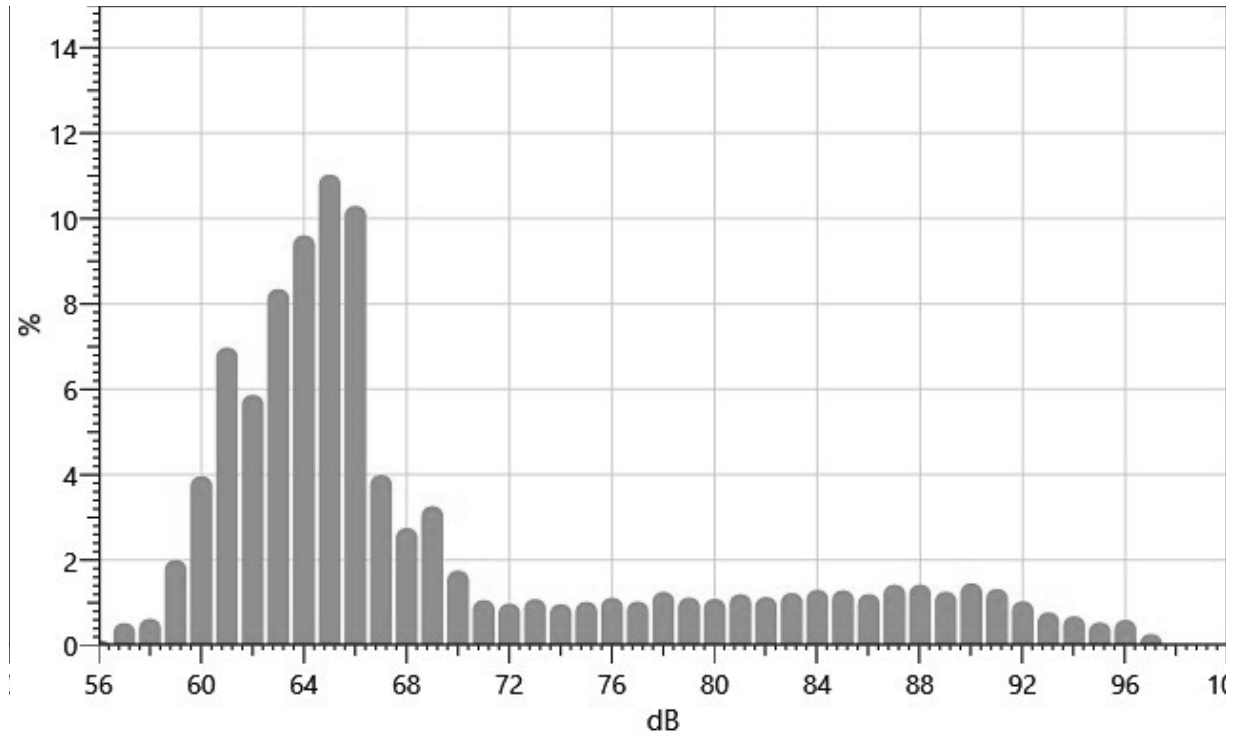
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.04	0.02	0.01	0.12
57:	0.05	0.07	0.07	0.04	0.02	0.01	0.01	0.04	0.09	0.11	0.52
58:	0.11	0.13	0.07	0.04	0.03	0.03	0.05	0.05	0.07	0.04	0.62
59:	0.04	0.05	0.17	0.17	0.25	0.26	0.20	0.25	0.32	0.27	2.00
60:	0.37	0.35	0.37	0.35	0.36	0.30	0.45	0.45	0.40	0.57	3.96
61:	0.59	1.08	0.75	0.93	0.72	0.61	0.60	0.59	0.56	0.55	6.98
62:	0.54	0.47	0.53	0.61	0.62	0.68	0.68	0.61	0.58	0.56	5.87
63:	0.74	0.77	0.84	0.68	0.74	0.74	0.98	0.98	0.95	0.93	8.35
64:	1.00	1.27	0.75	0.98	1.06	0.90	0.83	0.96	0.85	1.01	9.61
65:	1.00	0.93	1.07	1.21	1.08	1.20	1.17	1.09	1.17	1.13	11.03
66:	1.44	1.31	1.45	1.34	1.14	0.86	0.93	0.74	0.59	0.50	10.30
67:	0.45	0.45	0.26	0.40	0.51	0.48	0.38	0.36	0.36	0.33	3.99
68:	0.29	0.35	0.34	0.27	0.23	0.19	0.26	0.38	0.25	0.19	2.75
69:	0.27	0.24	0.29	0.47	0.38	0.33	0.40	0.29	0.29	0.32	3.26

70:	0.22	0.24	0.16	0.26	0.15	0.12	0.14	0.14	0.17	0.15	1.75
71:	0.14	0.11	0.10	0.09	0.10	0.09	0.11	0.10	0.13	0.11	1.06
72:	0.10	0.11	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.98
73:	0.12	0.11	0.08	0.10	0.12	0.13	0.11	0.11	0.10	0.10	1.09
74:	0.10	0.10	0.10	0.10	0.11	0.09	0.09	0.09	0.08	0.11	0.97
75:	0.12	0.09	0.11	0.10	0.09	0.10	0.10	0.09	0.11	0.11	1.02
76:	0.12	0.15	0.11	0.12	0.13	0.10	0.09	0.09	0.10	0.10	1.11
77:	0.09	0.09	0.09	0.09	0.11	0.12	0.11	0.12	0.10	0.11	1.03
78:	0.11	0.11	0.12	0.12	0.12	0.11	0.13	0.14	0.14	0.15	1.26
79:	0.13	0.14	0.12	0.10	0.11	0.10	0.10	0.11	0.10	0.11	1.12
80:	0.11	0.12	0.11	0.12	0.10	0.11	0.10	0.12	0.10	0.11	1.09
81:	0.10	0.14	0.15	0.13	0.10	0.12	0.11	0.12	0.13	0.11	1.20
82:	0.11	0.14	0.11	0.07	0.11	0.13	0.10	0.14	0.11	0.13	1.13
83:	0.11	0.13	0.11	0.14	0.11	0.13	0.12	0.13	0.12	0.13	1.23
84:	0.12	0.13	0.13	0.13	0.14	0.14	0.13	0.13	0.14	0.13	1.30
85:	0.14	0.15	0.14	0.10	0.14	0.14	0.13	0.14	0.11	0.12	1.29
86:	0.11	0.12	0.11	0.12	0.11	0.14	0.11	0.15	0.10	0.13	1.20
87:	0.12	0.13	0.13	0.15	0.13	0.16	0.13	0.16	0.15	0.17	1.42
88:	0.19	0.17	0.15	0.11	0.16	0.14	0.13	0.13	0.12	0.13	1.42
89:	0.13	0.13	0.13	0.13	0.12	0.11	0.15	0.12	0.13	0.13	1.26
90:	0.14	0.13	0.15	0.14	0.15	0.14	0.17	0.15	0.16	0.13	1.46
91:	0.14	0.16	0.16	0.11	0.15	0.13	0.13	0.13	0.11	0.09	1.32
92:	0.08	0.10	0.11	0.11	0.10	0.12	0.10	0.11	0.10	0.11	1.03
93:	0.11	0.10	0.08	0.08	0.09	0.07	0.06	0.06	0.07	0.06	0.77
94:	0.07	0.08	0.08	0.05	0.06	0.07	0.07	0.07	0.07	0.07	0.68
95:	0.07	0.07	0.05	0.05	0.05	0.04	0.05	0.06	0.04	0.05	0.54
96:	0.03	0.05	0.05	0.06	0.05	0.09	0.05	0.08	0.07	0.06	0.60
97:	0.06	0.05	0.05	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.27
98:	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

Statistics Chart

S009_BIH050004_16062021_150800: Statistics Chart

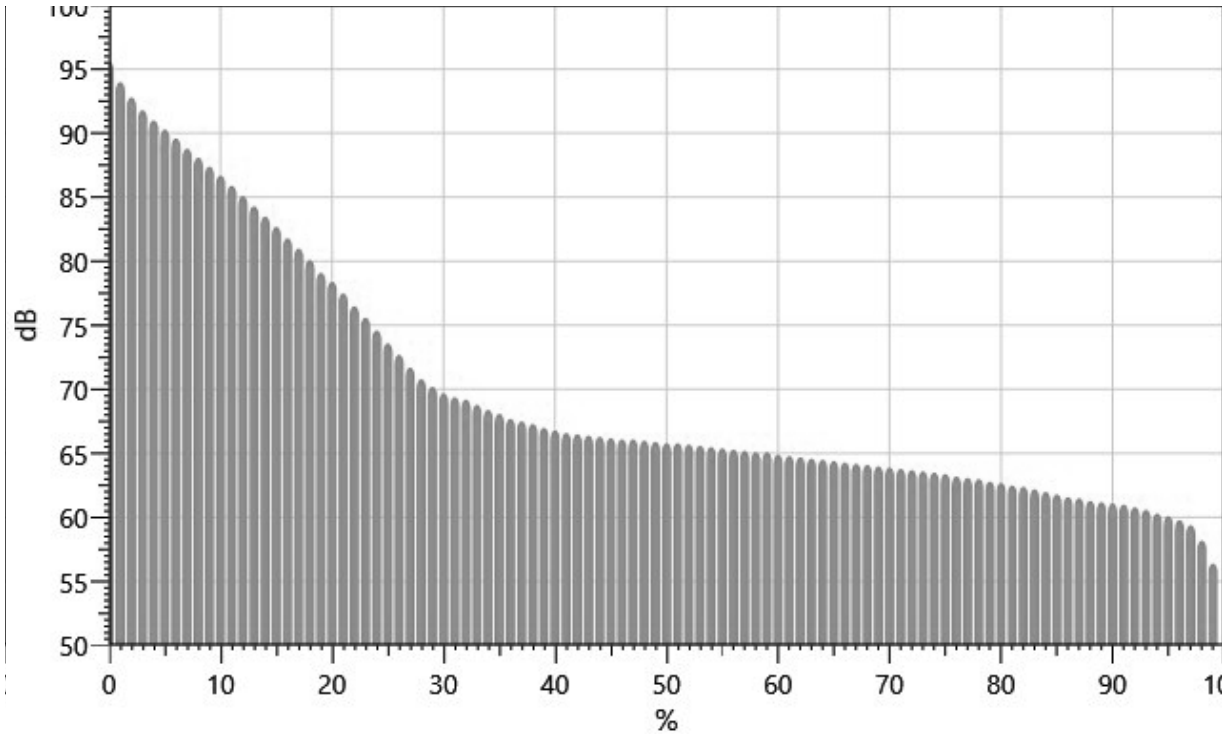


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		95.6	94.0	92.8	91.8	91.0	90.3	89.6	88.8	88.1
10%:	87.4	86.7	85.9	85.1	84.3	83.5	82.7	81.8	81.0	80.1
20%:	79.1	78.4	77.5	76.5	75.6	74.6	73.6	72.7	71.7	70.8
30%:	70.2	69.7	69.4	69.2	68.8	68.4	68.1	67.7	67.5	67.3
40%:	67.0	66.8	66.6	66.5	66.4	66.3	66.2	66.1	66.1	66.0
50%:	65.9	65.8	65.8	65.7	65.6	65.5	65.4	65.3	65.2	65.1
60%:	65.1	64.9	64.8	64.7	64.6	64.5	64.4	64.3	64.2	64.1
70%:	64.0	63.9	63.8	63.7	63.6	63.5	63.4	63.2	63.1	63.0
80%:	62.8	62.7	62.5	62.4	62.2	62.0	61.8	61.6	61.5	61.3
90%:	61.2	61.1	61.0	60.8	60.6	60.3	60.1	59.8	59.4	58.2
100%:	56.4									

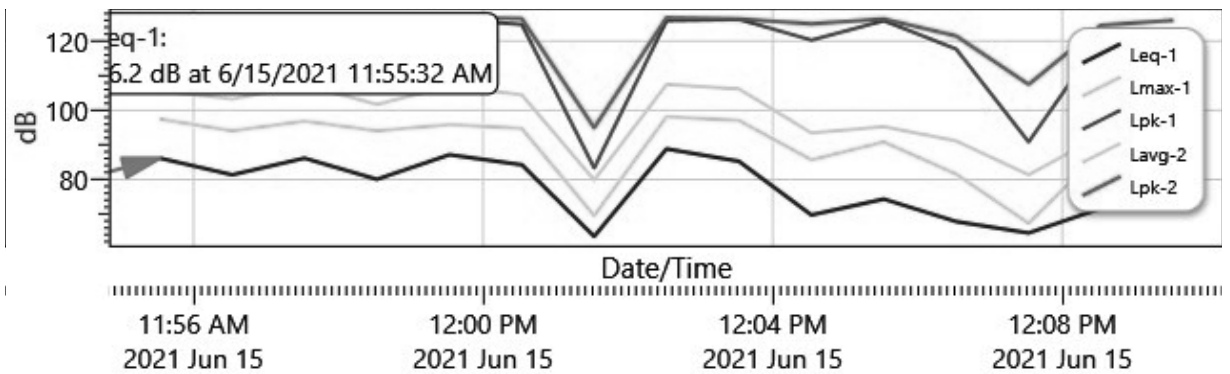
Exceedance Chart

S009_BIH050004_16062021_150800: Exceedance Chart



Logged Data Chart

S009_BIH050004_16062021_150800: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 11:55:32 AM	86.2	97.5	62.7	125
11:56:32 AM	81.4	94.1	61.7	124
11:57:32 AM	86.2	96.9	63.4	126.3
11:58:32 AM	80.1	94.1	60.6	123.7
11:59:32 AM	87.2	95.9	60.1	126.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:00:32 PM	84.3	94.8	59.4	124.8
12:01:32 PM	63.6	69.6	57.8	83.4
12:02:32 PM	88.9	98.2	64.9	125.9
12:03:32 PM	85.3	97.1	61.1	126.3
12:04:32 PM	69.8	85.7	61	120.3
12:05:32 PM	74.4	90.9	56.5	125.9
12:06:32 PM	67.9	81.6	59.1	117.7
12:07:32 PM	64.6	67.4	61.3	90.9
12:08:32 PM	71.7	88	59.2	120.8
12:09:32 PM	77.3	92.7	59.2	123.5

Session Report

6/16/2021

Information Panel

Name S445_BGH030008_16062021_153745
Start Time 6/15/2021 2:01:12 PM
Stop Time 6/15/2021 2:16:12 PM
Device Name BGH030008
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 1 TOW 3 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

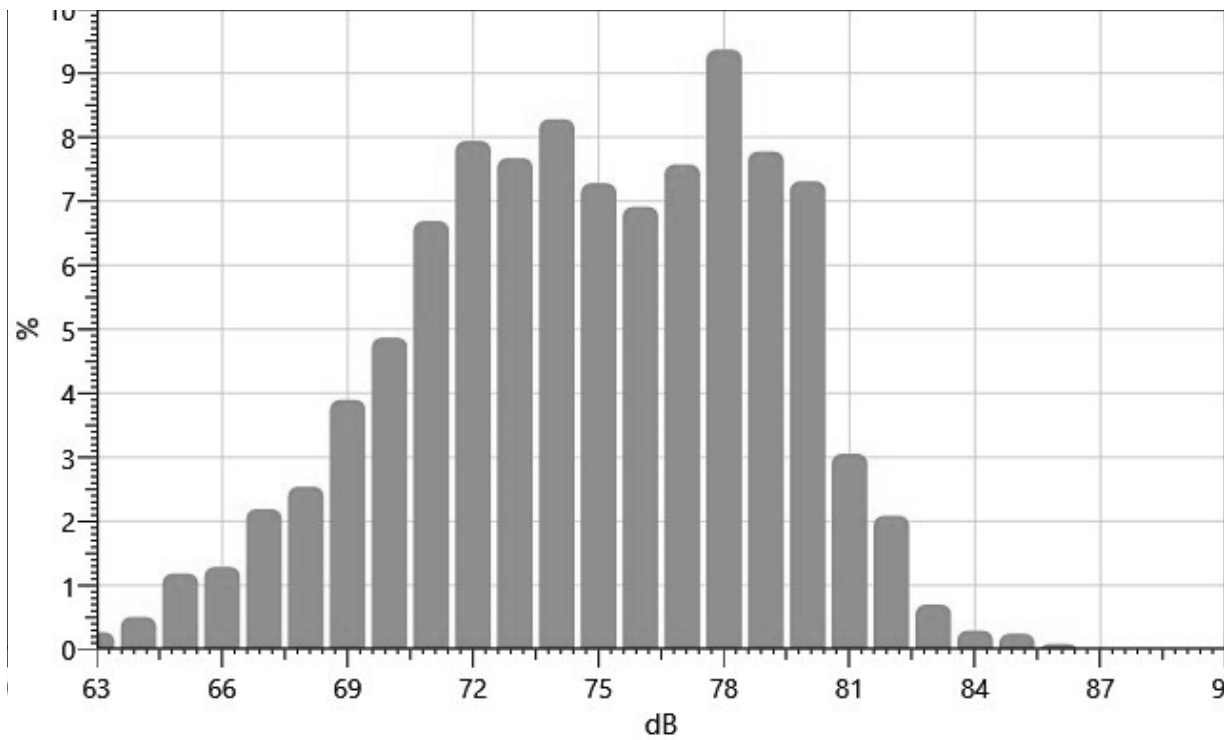
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
63:	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.07	0.07	0.09	0.27
64:	0.05	0.05	0.04	0.05	0.05	0.05	0.06	0.06	0.04	0.06	0.51
65:	0.07	0.10	0.11	0.10	0.12	0.22	0.13	0.10	0.12	0.12	1.18
66:	0.23	0.22	0.09	0.11	0.13	0.09	0.11	0.10	0.11	0.10	1.29
67:	0.11	0.18	0.20	0.20	0.22	0.31	0.26	0.26	0.28	0.16	2.19
68:	0.19	0.28	0.27	0.21	0.18	0.30	0.24	0.24	0.27	0.38	2.54
69:	0.33	0.38	0.26	0.30	0.40	0.52	0.50	0.47	0.39	0.35	3.90
70:	0.36	0.39	0.49	0.41	0.57	0.52	0.59	0.44	0.51	0.59	4.87
71:	0.53	0.45	0.71	0.55	0.70	0.67	0.76	0.66	0.82	0.84	6.69
72:	0.84	0.99	0.69	0.43	0.80	0.81	1.00	0.97	0.68	0.73	7.94
73:	0.66	0.73	0.78	0.73	0.66	0.66	0.78	0.77	0.95	0.94	7.67
74:	0.78	0.73	0.91	0.90	0.84	0.73	0.70	0.80	0.93	0.95	8.28
75:	0.78	0.80	0.91	0.60	0.77	0.68	0.70	0.69	0.74	0.61	7.28
76:	0.59	0.65	0.66	0.68	0.70	0.70	0.78	0.63	0.69	0.81	6.91

77:	0.73	0.72	0.65	0.70	0.69	0.72	0.80	0.86	0.84	0.86	7.57
78:	0.95	1.00	1.43	0.77	0.87	0.95	0.91	0.87	0.78	0.84	9.37
79:	0.93	0.85	0.89	0.83	0.68	0.69	0.75	0.65	0.73	0.77	7.78
80:	0.88	0.89	0.87	0.75	0.75	0.78	0.68	0.69	0.50	0.52	7.31
81:	0.55	0.54	0.34	0.24	0.26	0.27	0.25	0.20	0.15	0.26	3.05
82:	0.26	0.23	0.21	0.22	0.18	0.21	0.21	0.19	0.18	0.19	2.09
83:	0.10	0.05	0.06	0.09	0.05	0.05	0.06	0.08	0.09	0.06	0.70
84:	0.03	0.03	0.03	0.02	0.04	0.02	0.02	0.03	0.03	0.05	0.29
85:	0.03	0.03	0.03	0.02	0.01	0.02	0.03	0.02	0.03	0.02	0.24
86:	0.02	0.03	0.01	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.09

Statistics Chart

S445_BGH030008_16062021_153745: Statistics Chart



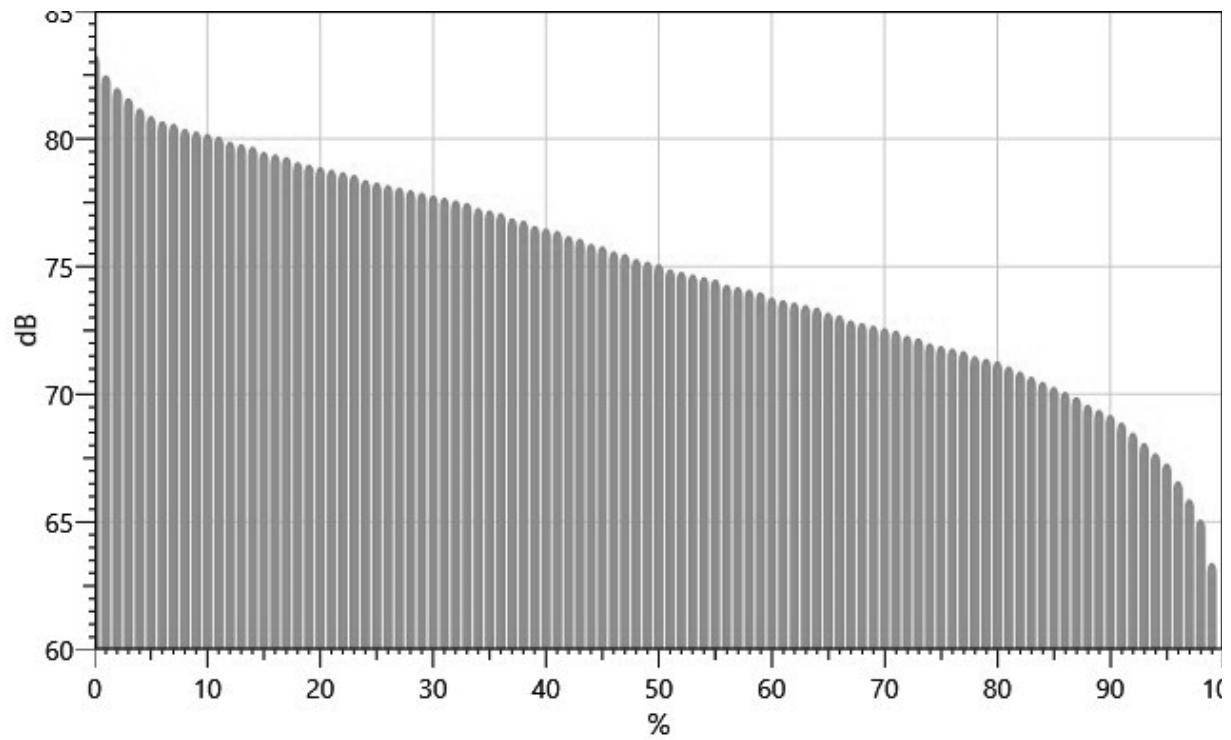
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		83.3	82.5	82.0	81.6	81.2	80.9	80.7	80.6	80.4
10%:	80.3	80.2	80.1	79.9	79.8	79.7	79.5	79.4	79.3	79.1
20%:	79.0	78.9	78.8	78.7	78.6	78.4	78.3	78.2	78.1	78.0
30%:	77.9	77.8	77.7	77.6	77.5	77.3	77.2	77.1	76.9	76.8
40%:	76.6	76.5	76.4	76.2	76.1	75.9	75.8	75.6	75.5	75.3

50%:	75.2	75.1	74.9	74.8	74.7	74.6	74.5	74.3	74.2	74.1
60%:	74.0	73.8	73.7	73.6	73.5	73.4	73.2	73.1	72.9	72.8
70%:	72.7	72.6	72.5	72.3	72.2	72.0	71.9	71.8	71.7	71.5
80%:	71.4	71.3	71.1	70.9	70.7	70.5	70.3	70.1	69.9	69.6
90%:	69.4	69.2	68.9	68.5	68.1	67.7	67.3	66.6	65.9	65.1
100%:	63.4									

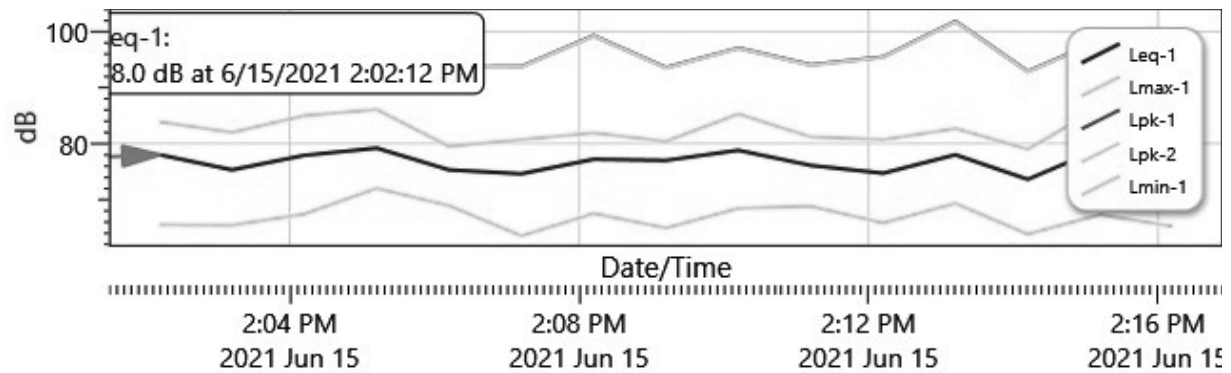
Exceedance Chart

S445_BGH030008_16062021_153745: Exceedance Chart



Logged Data Chart

S445_BGH030008_16062021_153745: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 2:02:12 PM	78	83.9	65.5	102.3
2:03:12 PM	75.3	82	65.4	95.8
2:04:12 PM	77.9	85	67.4	100.8
2:05:12 PM	79.2	86.1	72	98.5
2:06:12 PM	75.3	79.5	68.9	93.7
2:07:12 PM	74.6	80.7	63.5	93.8
2:08:12 PM	77.2	81.9	67.5	99.3
2:09:12 PM	77	80.4	64.9	93.6
2:10:12 PM	78.8	85.3	68.4	97.1
2:11:12 PM	76.1	81.2	68.8	94.1
2:12:12 PM	74.7	80.7	65.8	95.5
2:13:12 PM	78	82.7	69.3	101.9
2:14:12 PM	73.6	79	63.8	92.9
2:15:12 PM	79.1	86.5	67.3	98.5
2:16:12 PM	75.5	81.2	65.2	93.4

Session Report

6/16/2021

Information Panel

Name S013_BHF080013_16062021_154705
Start Time 6/15/2021 2:01:42 PM
Stop Time 6/15/2021 2:16:42 PM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 10' from wall location 3 preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	72.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

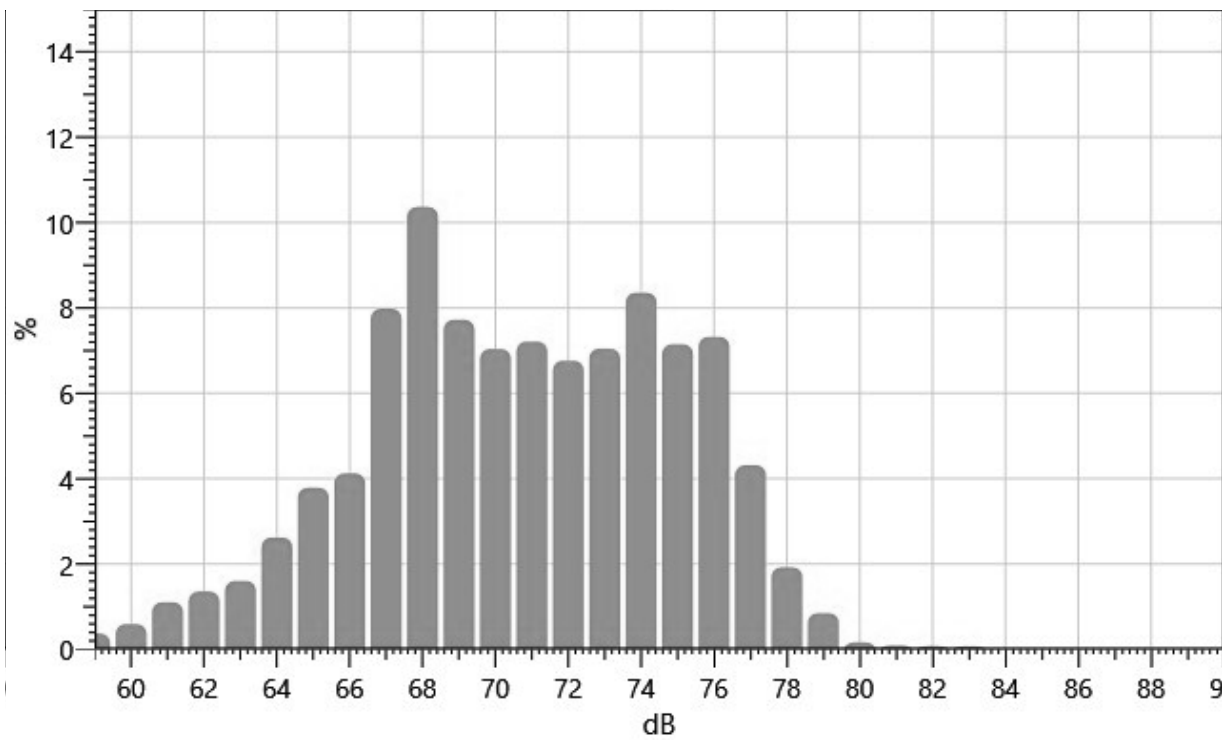
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.00	0.00	0.02	0.03	0.06	0.07	0.06	0.07	0.06	0.37
60:	0.03	0.02	0.02	0.10	0.08	0.05	0.05	0.07	0.06	0.10	0.59
61:	0.11	0.13	0.11	0.10	0.06	0.15	0.13	0.09	0.13	0.10	1.11
62:	0.11	0.20	0.17	0.07	0.13	0.10	0.12	0.14	0.18	0.13	1.35
63:	0.09	0.09	0.10	0.15	0.25	0.22	0.19	0.17	0.19	0.16	1.60
64:	0.23	0.25	0.21	0.19	0.26	0.26	0.30	0.29	0.35	0.29	2.62
65:	0.33	0.39	0.47	0.30	0.33	0.31	0.35	0.49	0.47	0.35	3.79
66:	0.38	0.43	0.39	0.36	0.38	0.45	0.44	0.35	0.39	0.53	4.12
67:	0.47	0.58	0.65	0.70	0.76	0.67	0.79	0.91	1.11	1.33	7.98
68:	1.33	1.24	1.27	0.77	0.94	0.84	0.89	0.90	1.09	1.09	10.37
69:	0.91	0.98	0.83	0.92	0.73	0.66	0.66	0.64	0.68	0.71	7.72
70:	0.75	0.63	0.74	0.80	0.68	0.69	0.74	0.62	0.73	0.67	7.04
71:	0.65	0.78	0.97	0.71	0.82	0.78	0.65	0.58	0.60	0.65	7.21
72:	0.64	0.66	0.61	0.63	0.66	0.74	0.82	0.77	0.66	0.59	6.76

73:	0.54	0.57	0.59	0.59	0.67	0.82	0.78	0.77	0.85	0.89	7.05
74:	0.86	0.81	0.96	0.60	0.79	0.97	0.89	0.90	0.80	0.77	8.36
75:	0.75	0.74	0.66	0.64	0.70	0.66	0.70	0.72	0.70	0.88	7.15
76:	0.75	0.77	0.65	0.70	0.80	0.84	0.85	0.80	0.64	0.51	7.32
77:	0.51	0.59	0.57	0.44	0.45	0.36	0.41	0.31	0.38	0.30	4.31
78:	0.26	0.26	0.21	0.15	0.16	0.18	0.17	0.20	0.15	0.19	1.92
79:	0.14	0.17	0.11	0.10	0.11	0.07	0.05	0.02	0.05	0.03	0.85
80:	0.02	0.02	0.03	0.03	0.01	0.01	0.01	0.02	0.02	0.01	0.16
81:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.09
82:	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.02	0.07
83:	0.02	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07

Statistics Chart

S013_BHF080013_16062021_154705: Statistics Chart



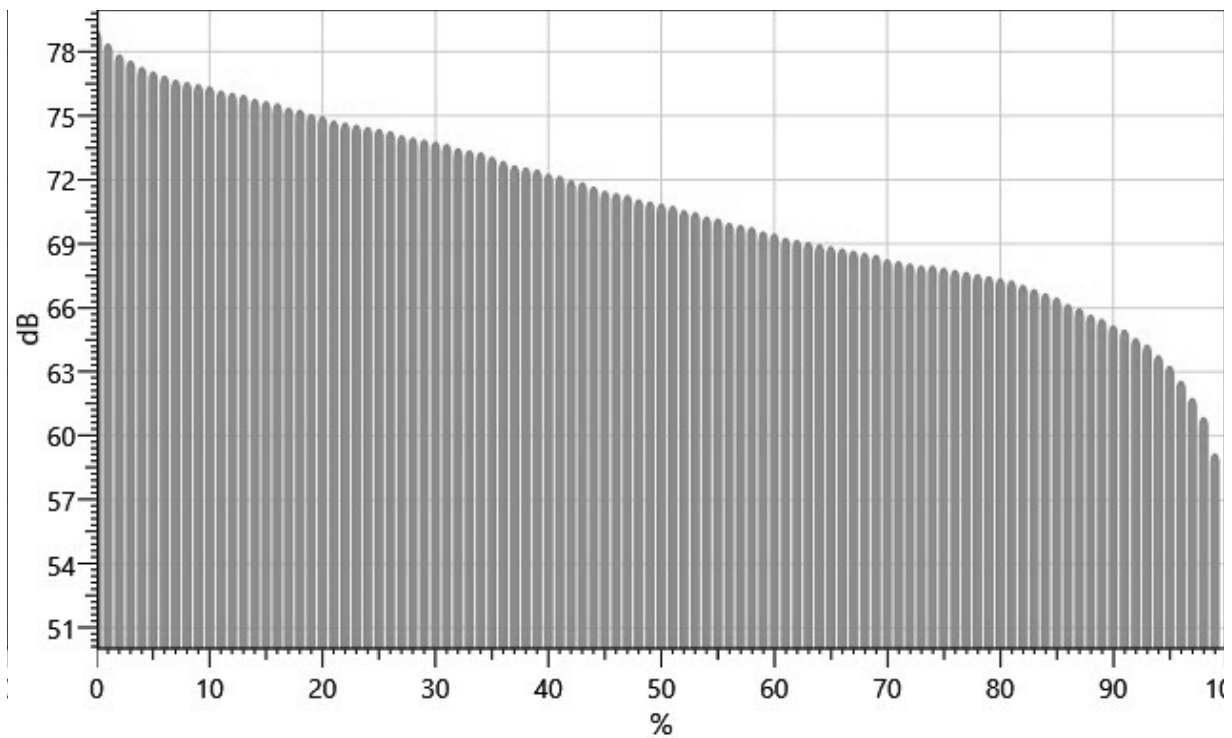
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		79.0	78.4	77.9	77.6	77.3	77.1	76.9	76.7	76.6
10%:	76.5	76.4	76.2	76.1	76.0	75.8	75.7	75.6	75.4	75.3
20%:	75.1	75.0	74.8	74.7	74.6	74.5	74.4	74.3	74.1	74.0
30%:	73.9	73.8	73.7	73.5	73.4	73.3	73.1	72.9	72.7	72.6

40%:	72.5	72.3	72.2	72.0	71.9	71.7	71.5	71.4	71.3	71.1
50%:	71.0	70.9	70.8	70.6	70.5	70.3	70.2	70.0	69.9	69.8
60%:	69.6	69.5	69.3	69.2	69.1	69.0	68.9	68.8	68.7	68.6
70%:	68.5	68.3	68.2	68.1	68.0	68.0	67.9	67.8	67.7	67.6
80%:	67.5	67.4	67.3	67.1	66.9	66.7	66.5	66.2	66.0	65.7
90%:	65.5	65.2	65.0	64.6	64.3	63.8	63.3	62.6	61.8	60.9
100%:	59.2									

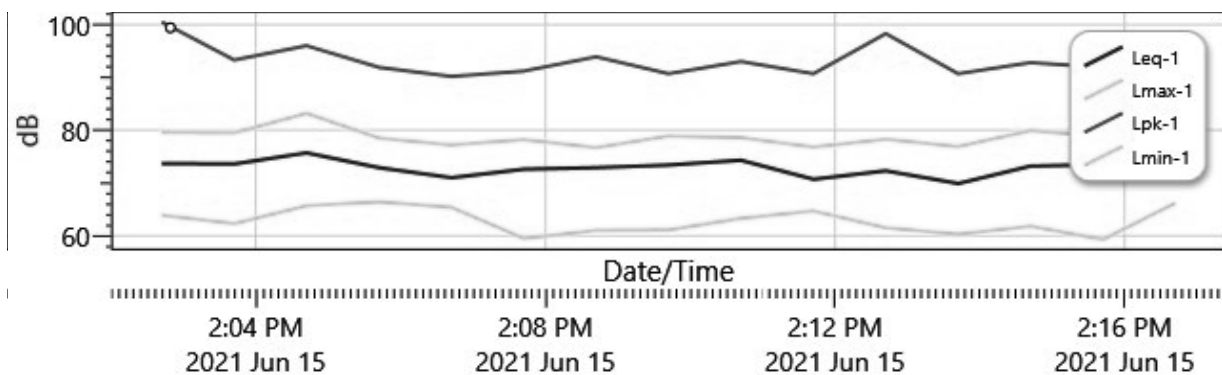
Exceedance Chart

S013_BHF080013_16062021_154705: Exceedance Chart



Logged Data Chart

S013_BHF080013_16062021_154705: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 2:02:42 PM	73.7	79.6	63.9	100.5
2:03:42 PM	73.6	79.5	62.3	93.3
2:04:42 PM	75.7	83.2	65.7	96
2:05:42 PM	72.9	78.5	66.4	91.9
2:06:42 PM	71	77.2	65.4	90.2
2:07:42 PM	72.6	78.2	59.5	91.2
2:08:42 PM	72.9	76.7	61	93.9
2:09:42 PM	73.4	78.9	61.1	90.7
2:10:42 PM	74.3	78.6	63.3	93
2:11:42 PM	70.7	76.8	64.7	90.7
2:12:42 PM	72.3	78.3	61.5	98.3
2:13:42 PM	69.9	76.9	60.3	90.7
2:14:42 PM	73.2	79.9	61.8	92.8
2:15:42 PM	73.5	78.8	59.3	91.9
2:16:42 PM	72	80.3	66.2	97.9

Session Report

6/16/2021

Information Panel

Name S036_BIG080015_16062021_134228
Start Time 6/15/2021 2:02:16 PM
Stop Time 6/15/2021 2:17:16 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' fromWall Location 3 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	69.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

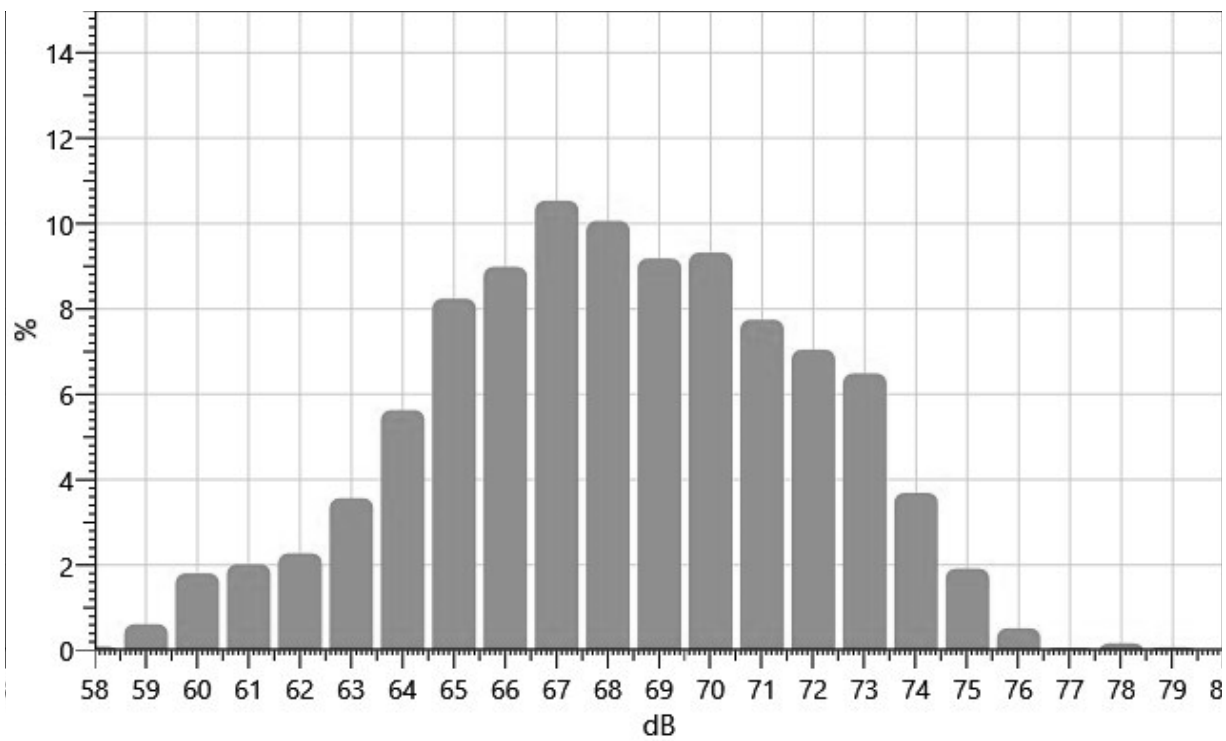
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.03	0.09
59:	0.02	0.03	0.06	0.09	0.07	0.09	0.05	0.03	0.11	0.06	0.61
60:	0.04	0.06	0.10	0.13	0.21	0.17	0.17	0.34	0.31	0.28	1.80
61:	0.21	0.25	0.25	0.19	0.24	0.23	0.17	0.14	0.17	0.16	2.02
62:	0.17	0.27	0.21	0.21	0.15	0.19	0.25	0.33	0.25	0.25	2.27
63:	0.26	0.37	0.32	0.37	0.34	0.35	0.33	0.31	0.46	0.45	3.57
64:	0.51	0.49	0.59	0.47	0.49	0.61	0.65	0.54	0.58	0.70	5.63
65:	0.75	0.77	0.63	0.68	0.79	0.82	0.99	0.85	0.99	0.98	8.24
66:	0.98	0.96	0.80	0.85	0.87	0.84	0.90	0.94	0.90	0.94	8.99
67:	1.07	1.18	1.08	0.98	1.06	1.05	0.91	0.93	1.03	1.24	10.53
68:	1.35	1.46	0.84	0.91	0.87	0.94	0.96	0.94	0.82	0.98	10.06
69:	0.81	0.87	0.85	0.92	0.90	0.98	0.93	1.04	0.92	0.96	9.18
70:	0.93	0.96	0.84	0.86	0.90	0.92	0.90	0.96	1.01	1.03	9.32
71:	1.05	1.22	0.56	0.80	0.76	0.74	0.60	0.62	0.69	0.69	7.75

72:	0.68	0.66	0.61	0.67	0.66	0.77	0.70	0.72	0.73	0.85	7.05
73:	0.78	0.66	0.65	0.72	0.62	0.69	0.49	0.73	0.73	0.43	6.49
74:	0.38	0.43	0.21	0.35	0.36	0.42	0.39	0.40	0.42	0.32	3.69
75:	0.34	0.31	0.20	0.25	0.16	0.19	0.17	0.11	0.10	0.08	1.91
76:	0.08	0.08	0.18	0.10	0.03	0.02	0.01	0.01	0.01	0.00	0.52
77:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06
78:	0.00	0.01	0.01	0.05	0.03	0.02	0.01	0.01	0.01	0.01	0.16
79:	0.02	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07

Statistics Chart

S036_BIG080015_16062021_134228: Statistics Chart



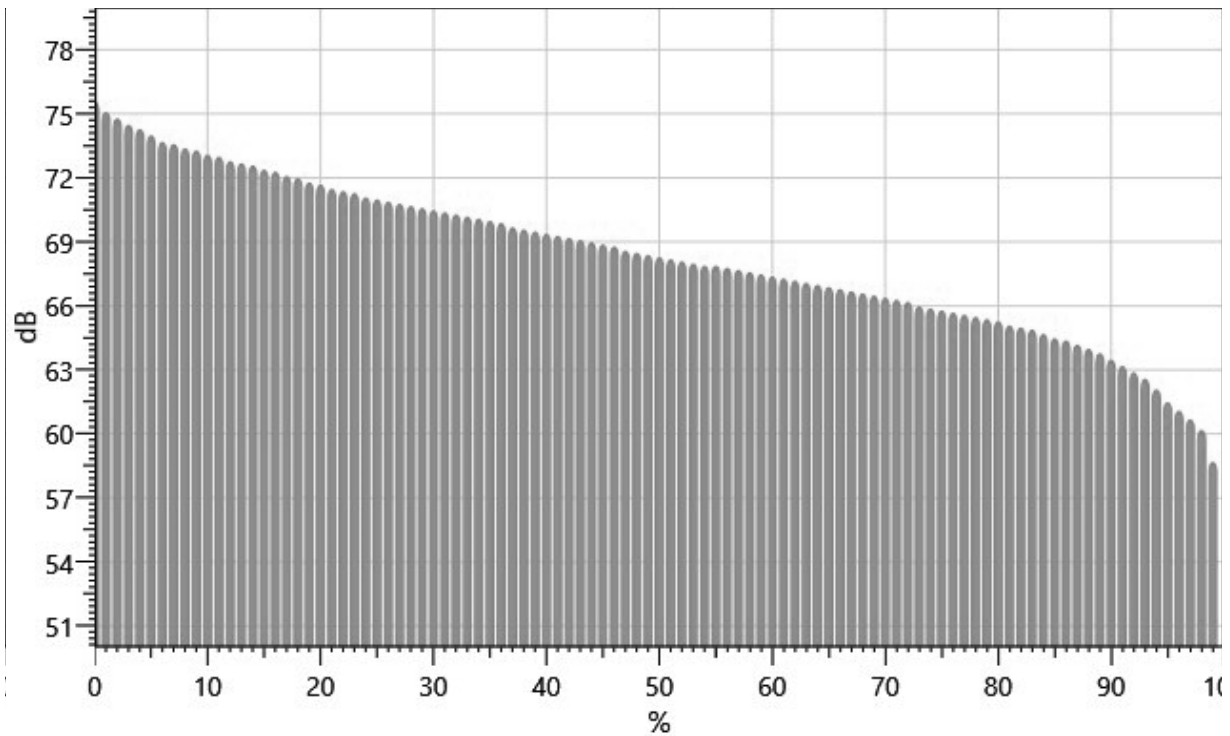
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		75.6	75.1	74.8	74.5	74.3	74.0	73.7	73.6	73.4
10%:	73.3	73.1	73.0	72.8	72.7	72.6	72.4	72.3	72.1	72.0
20%:	71.8	71.7	71.5	71.4	71.3	71.1	71.0	70.9	70.8	70.7
30%:	70.6	70.5	70.4	70.3	70.2	70.1	70.0	69.9	69.7	69.6
40%:	69.5	69.4	69.3	69.2	69.1	69.0	68.9	68.8	68.6	68.5
50%:	68.4	68.3	68.2	68.1	68.0	67.9	67.9	67.8	67.7	67.6
60%:	67.5	67.4	67.3	67.2	67.1	67.0	66.9	66.8	66.7	66.6

70%:	66.5	66.4	66.3	66.2	66.0	65.9	65.8	65.7	65.6	65.5
80%:	65.4	65.3	65.1	65.0	64.9	64.7	64.5	64.4	64.2	64.0
90%:	63.8	63.5	63.2	62.9	62.6	62.1	61.5	61.1	60.7	60.2
100%:	58.7									

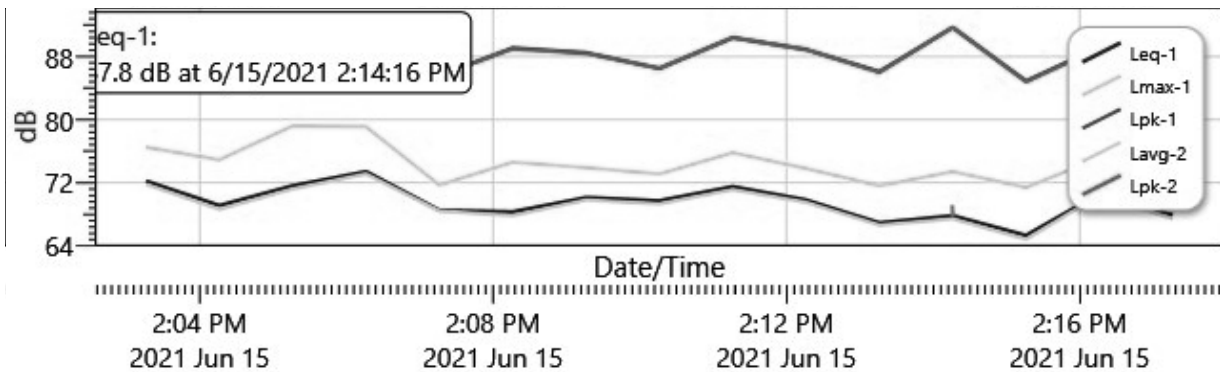
Exceedance Chart

S036_BIG080015_16062021_134228: Exceedance Chart



Logged Data Chart

S036_BIG080015_16062021_134228: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
-----------	-------	--------	--------	-------

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 2:03:16 PM	72.2	76.5	63.7	92.3
2:04:16 PM	69.1	74.9	62.9	89.4
2:05:16 PM	71.6	79.2	64.8	92.1
2:06:16 PM	73.4	79.1	68.4	92.9
2:07:16 PM	68.5	71.7	64.7	85.6
2:08:16 PM	68.3	74.6	61.1	89.1
2:09:16 PM	70.1	73.9	64.5	88.5
2:10:16 PM	69.7	73.1	59.8	86.5
2:11:16 PM	71.5	75.8	62.6	90.4
2:12:16 PM	69.8	73.8	62.6	88.9
2:13:16 PM	66.9	71.6	60.3	86.1
2:14:16 PM	67.8	73.4	62.3	91.7
2:15:16 PM	65.3	71.4	59.1	84.9
2:16:16 PM	70.6	75.1	62.1	89.2
2:17:16 PM	67.9	73.2	58.8	89

Session Report

6/16/2021

Information Panel

Name S009_BIF090005_16062021_145130
Start Time 6/15/2021 2:01:26 PM
Stop Time 6/15/2021 2:16:26 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from wall location 3 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	69.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

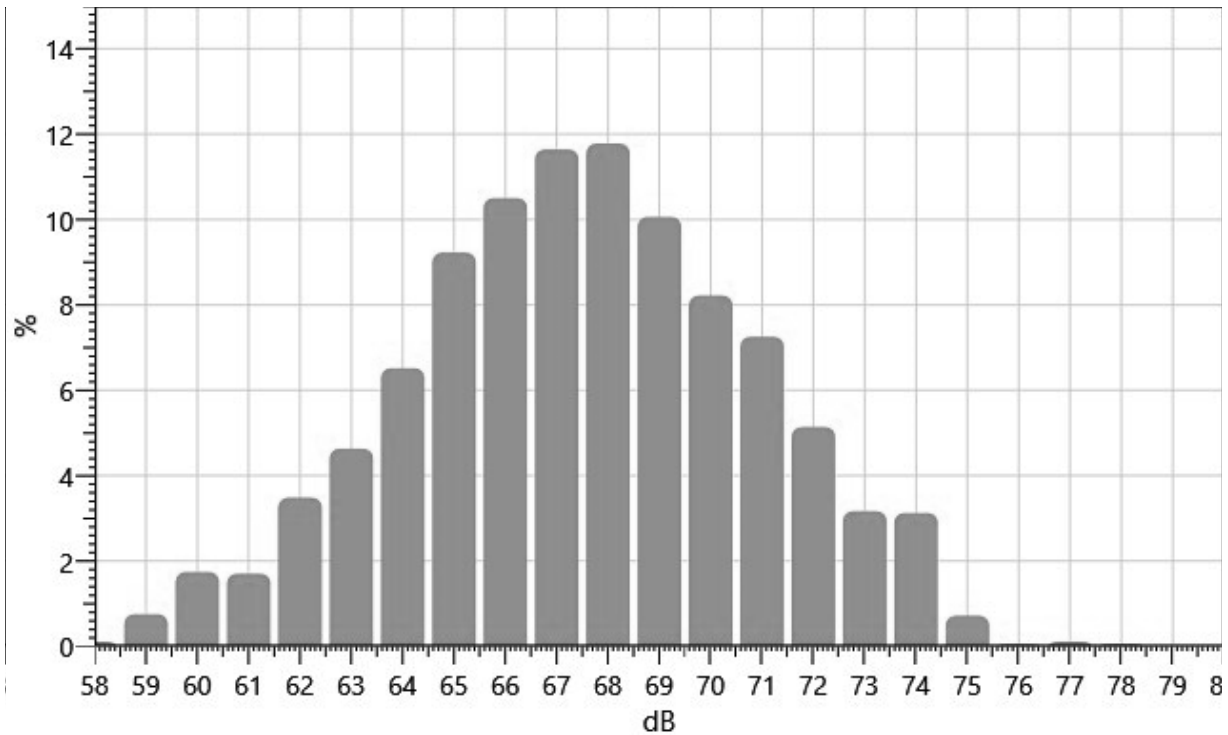
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.09	0.11
59:	0.03	0.02	0.02	0.01	0.08	0.06	0.07	0.08	0.18	0.22	0.76
60:	0.11	0.19	0.15	0.29	0.17	0.14	0.24	0.23	0.16	0.07	1.74
61:	0.13	0.18	0.16	0.15	0.17	0.18	0.17	0.20	0.19	0.16	1.70
62:	0.22	0.17	0.27	0.30	0.31	0.31	0.56	0.49	0.44	0.42	3.48
63:	0.34	0.43	0.33	0.47	0.49	0.51	0.43	0.45	0.57	0.62	4.63
64:	0.70	0.74	0.66	0.55	0.75	0.65	0.58	0.68	0.51	0.70	6.52
65:	0.84	0.74	0.78	0.85	0.93	0.96	0.97	1.09	1.07	1.00	9.23
66:	0.89	0.88	0.78	1.05	1.03	0.97	1.04	1.28	1.29	1.29	10.50
67:	1.34	1.33	1.06	1.20	1.13	1.06	1.11	1.25	1.21	0.95	11.64
68:	1.06	1.08	1.10	1.10	1.26	1.09	1.28	1.34	1.21	1.27	11.78
69:	1.11	1.23	0.95	0.94	0.96	0.97	0.92	0.98	1.00	0.99	10.06
70:	0.91	0.88	0.72	0.76	0.70	0.83	0.79	0.87	0.75	1.03	8.22
71:	0.85	0.68	0.74	0.87	0.81	0.60	0.66	0.81	0.66	0.58	7.25

72:	0.66	0.69	0.53	0.34	0.41	0.60	0.57	0.47	0.49	0.39	5.14
73:	0.48	0.47	0.34	0.27	0.30	0.23	0.24	0.29	0.27	0.27	3.16
74:	0.31	0.40	0.40	0.31	0.35	0.26	0.20	0.27	0.26	0.37	3.13
75:	0.11	0.10	0.12	0.06	0.12	0.03	0.04	0.09	0.04	0.01	0.72
76:	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.05
77:	0.03	0.00	0.01	0.01	0.01	0.01	0.01	0.03	0.01	0.01	0.11
78:	0.01	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.06

Statistics Chart

S009_BIF090005_16062021_145130: Statistics Chart



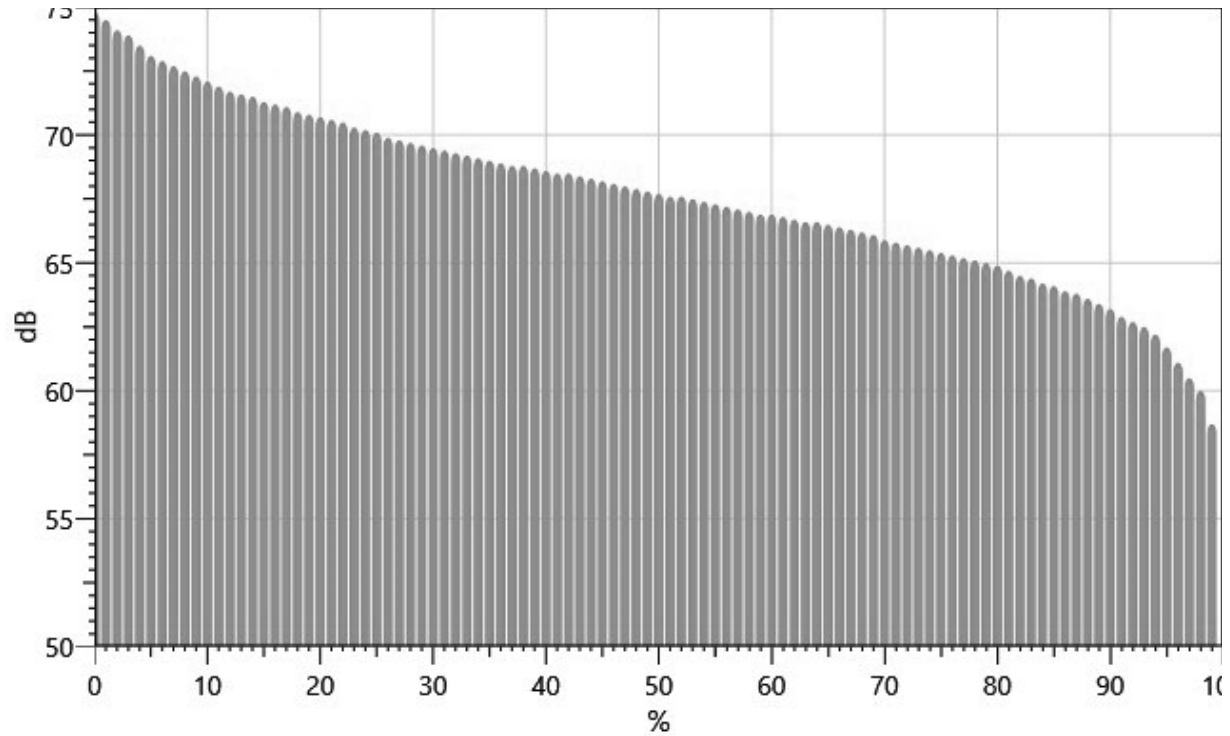
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		74.8	74.5	74.1	73.9	73.5	73.1	72.9	72.7	72.5
10%:	72.3	72.1	71.9	71.7	71.6	71.5	71.3	71.2	71.1	70.9
20%:	70.8	70.7	70.6	70.5	70.3	70.2	70.1	69.9	69.8	69.7
30%:	69.6	69.5	69.4	69.3	69.2	69.1	69.0	68.9	68.8	68.8
40%:	68.7	68.6	68.5	68.5	68.4	68.3	68.2	68.1	68.0	67.9
50%:	67.8	67.7	67.6	67.6	67.5	67.4	67.3	67.2	67.1	67.0
60%:	66.9	66.9	66.8	66.7	66.6	66.6	66.5	66.4	66.3	66.2
70%:	66.1	65.9	65.8	65.7	65.6	65.5	65.4	65.3	65.2	65.1

80%:	65.0	64.9	64.7	64.5	64.4	64.2	64.1	63.9	63.8	63.6
90%:	63.4	63.2	62.9	62.7	62.5	62.2	61.7	61.1	60.5	60.0
100%:	58.7									

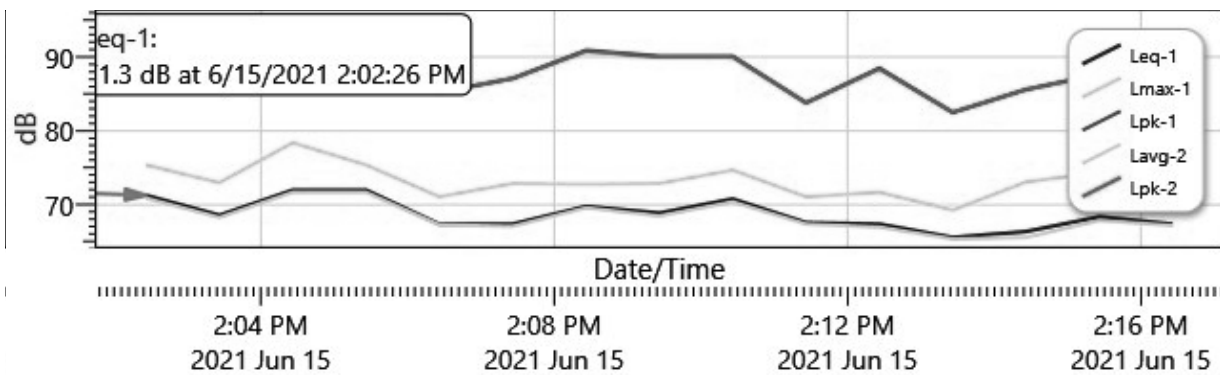
Exceedance Chart

S009_BIF090005_16062021_145130: Exceedance Chart



Logged Data Chart

S009_BIF090005_16062021_145130: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 2:02:26 PM	71.3	75.4	63.5	95

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:03:26 PM	68.6	73	61.8	87.6
2:04:26 PM	72	78.4	65	93
2:05:26 PM	72	75.4	66.8	88.5
2:06:26 PM	67.4	71.1	63.1	85.2
2:07:26 PM	67.4	72.9	61.1	87.1
2:08:26 PM	69.8	72.8	65.7	90.9
2:09:26 PM	68.9	72.9	60.1	90.1
2:10:26 PM	70.8	74.7	62.5	90.1
2:11:26 PM	67.6	71.1	61.6	83.8
2:12:26 PM	67.4	71.7	59.8	88.5
2:13:26 PM	65.6	69.3	60.2	82.5
2:14:26 PM	66.4	73.1	58.8	85.6
2:15:26 PM	68.4	74.4	60.5	87.7
2:16:26 PM	67.4	71.5	62.7	90

Session Report

6/16/2021

Information Panel

Name S010_BIH050004_16062021_150800
Start Time 6/15/2021 2:01:09 PM
Stop Time 6/15/2021 2:16:09 PM
Device Name BIH050004
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 200' from Wall location 3 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	91.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	IMPULSE			

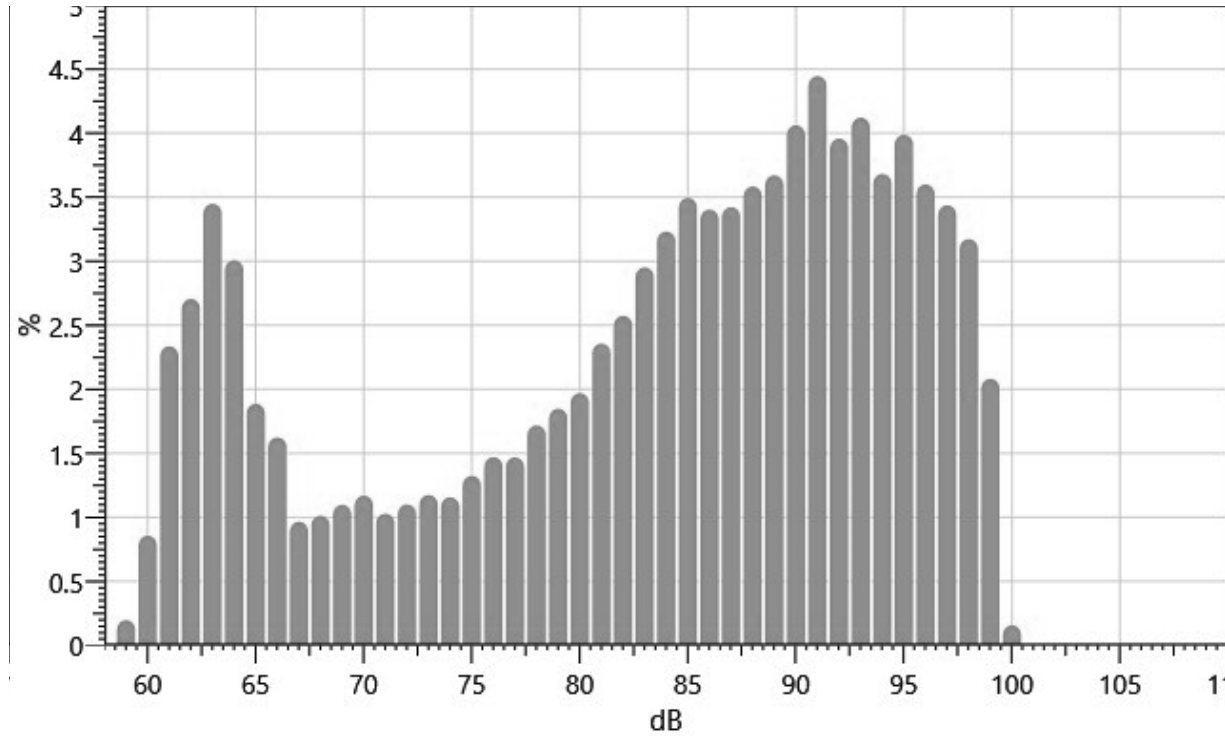
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59:	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.20
60:	0.01	0.04	0.03	0.05	0.08	0.11	0.08	0.07	0.15	0.23	0.86
61:	0.31	0.19	0.15	0.25	0.19	0.17	0.22	0.18	0.34	0.34	2.34
62:	0.28	0.30	0.29	0.27	0.27	0.23	0.24	0.31	0.20	0.32	2.71
63:	0.31	0.32	0.27	0.27	0.20	0.26	0.46	0.44	0.45	0.47	3.45
64:	0.38	0.40	0.19	0.27	0.32	0.20	0.30	0.23	0.35	0.37	3.01
65:	0.28	0.20	0.14	0.13	0.18	0.15	0.18	0.17	0.25	0.20	1.89
66:	0.20	0.17	0.16	0.15	0.16	0.16	0.13	0.14	0.14	0.20	1.63
67:	0.12	0.11	0.07	0.10	0.10	0.09	0.10	0.09	0.09	0.09	0.97
68:	0.12	0.11	0.09	0.10	0.09	0.10	0.10	0.10	0.10	0.10	1.01
69:	0.09	0.10	0.11	0.11	0.10	0.10	0.12	0.11	0.13	0.11	1.10
70:	0.13	0.14	0.09	0.12	0.11	0.12	0.11	0.11	0.12	0.11	1.17
71:	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.10	0.11	1.03

72:	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.12	1.10
73:	0.13	0.14	0.08	0.12	0.11	0.11	0.13	0.12	0.11	0.12	1.18
74:	0.11	0.12	0.11	0.11	0.11	0.12	0.12	0.11	0.13	0.11	1.16
75:	0.12	0.12	0.13	0.12	0.14	0.12	0.13	0.15	0.14	0.15	1.32
76:	0.15	0.16	0.11	0.14	0.16	0.15	0.14	0.16	0.13	0.16	1.47
77:	0.13	0.16	0.13	0.15	0.14	0.15	0.14	0.15	0.15	0.15	1.47
78:	0.15	0.17	0.16	0.16	0.18	0.18	0.17	0.18	0.19	0.18	1.72
79:	0.18	0.21	0.15	0.17	0.19	0.19	0.18	0.20	0.19	0.19	1.85
80:	0.19	0.20	0.19	0.20	0.19	0.20	0.20	0.20	0.20	0.20	1.97
81:	0.22	0.21	0.22	0.22	0.23	0.24	0.26	0.26	0.25	0.27	2.36
82:	0.27	0.27	0.26	0.16	0.26	0.27	0.27	0.26	0.28	0.27	2.57
83:	0.28	0.28	0.30	0.28	0.30	0.28	0.31	0.30	0.30	0.31	2.95
84:	0.31	0.32	0.30	0.32	0.32	0.31	0.32	0.32	0.36	0.35	3.23
85:	0.37	0.38	0.41	0.25	0.34	0.37	0.32	0.36	0.34	0.36	3.49
86:	0.32	0.36	0.33	0.37	0.34	0.36	0.31	0.33	0.32	0.34	3.40
87:	0.32	0.32	0.33	0.34	0.34	0.35	0.35	0.36	0.35	0.37	3.42
88:	0.39	0.40	0.40	0.27	0.36	0.34	0.35	0.35	0.36	0.36	3.59
89:	0.37	0.35	0.36	0.35	0.39	0.35	0.38	0.36	0.38	0.38	3.67
90:	0.39	0.37	0.40	0.39	0.39	0.37	0.43	0.43	0.45	0.45	4.06
91:	0.46	0.52	0.57	0.36	0.45	0.45	0.44	0.42	0.39	0.37	4.45
92:	0.40	0.38	0.38	0.39	0.40	0.39	0.41	0.40	0.39	0.42	3.96
93:	0.42	0.39	0.38	0.41	0.41	0.38	0.43	0.42	0.43	0.43	4.12
94:	0.43	0.47	0.44	0.28	0.35	0.34	0.32	0.32	0.35	0.37	3.68
95:	0.41	0.38	0.38	0.37	0.41	0.42	0.41	0.44	0.38	0.39	3.99
96:	0.36	0.35	0.35	0.36	0.36	0.38	0.36	0.36	0.34	0.36	3.60
97:	0.36	0.35	0.33	0.26	0.37	0.35	0.36	0.35	0.36	0.35	3.44
98:	0.33	0.27	0.29	0.26	0.30	0.33	0.35	0.36	0.33	0.36	3.17
99:	0.31	0.27	0.22	0.24	0.24	0.21	0.14	0.15	0.15	0.17	2.08
100:	0.10	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.16

Statistics Chart

S010_BIH050004_16062021_150800: Statistics Chart

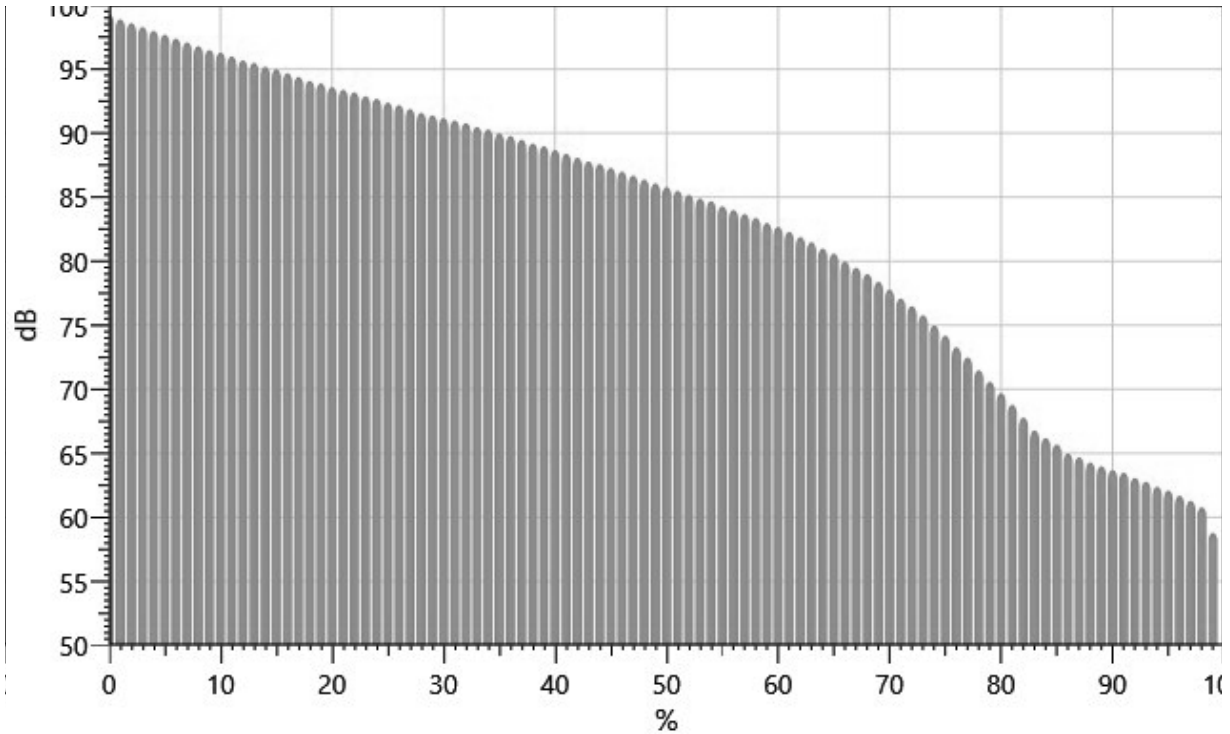


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		99.3	98.9	98.6	98.3	98.0	97.7	97.4	97.1	96.8
10%:	96.5	96.3	96.0	95.7	95.5	95.2	95.0	94.7	94.4	94.1
20%:	93.9	93.6	93.4	93.2	92.9	92.7	92.4	92.2	91.9	91.6
30%:	91.4	91.2	91.0	90.8	90.5	90.3	90.0	89.8	89.5	89.2
40%:	89.0	88.7	88.4	88.1	87.8	87.6	87.3	87.0	86.7	86.4
50%:	86.1	85.8	85.5	85.2	84.9	84.7	84.3	84.0	83.7	83.4
60%:	83.0	82.7	82.3	81.9	81.5	81.0	80.6	80.0	79.5	79.0
70%:	78.4	77.8	77.1	76.5	75.8	75.0	74.2	73.3	72.5	71.5
80%:	70.6	69.7	68.8	67.8	66.8	66.2	65.7	65.0	64.7	64.3
90%:	64.0	63.7	63.5	63.1	62.8	62.4	62.1	61.7	61.3	60.8
100%:	58.8									

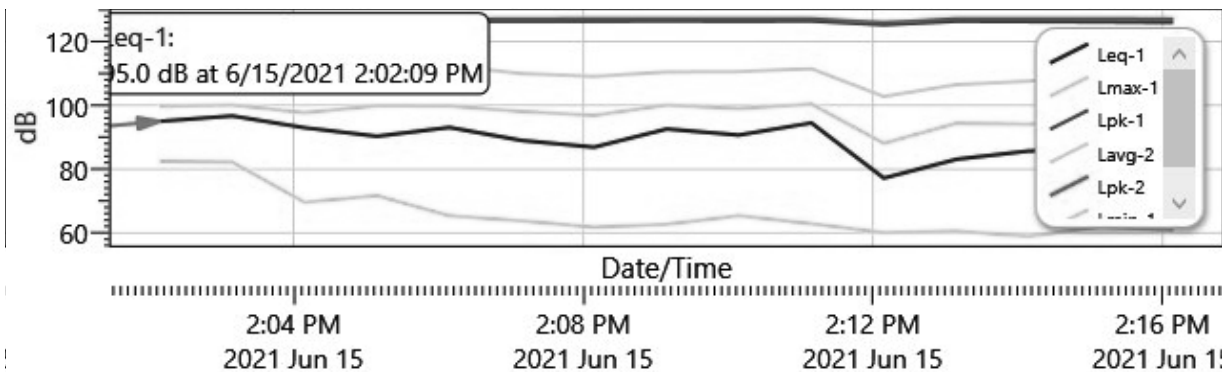
Exceedance Chart

S010_BIH050004_16062021_150800: Exceedance Chart



Logged Data Chart

S010_BIH050004_16062021_150800: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/15/2021 2:02:09 PM	95	99.7	82.5	126.4
2:03:09 PM	96.7	100.1	82.2	126.5
2:04:09 PM	93	97.7	69.6	126.3
2:05:09 PM	90.3	99.9	71.7	126.4
2:06:09 PM	93.1	99.8	65.4	126.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:07:09 PM	89	98.1	63.8	126.4
2:08:09 PM	86.9	96.9	61.8	126.4
2:09:09 PM	92.6	100.1	62.7	126.5
2:10:09 PM	90.7	99	65.4	126.4
2:11:09 PM	94.5	100.4	62.9	126.5
2:12:09 PM	77.2	88.1	60.1	125.3
2:13:09 PM	83.1	94.4	60.6	126.4
2:14:09 PM	85.7	94.1	58.9	126.3
2:15:09 PM	86.3	94.8	62.1	126.2
2:16:09 PM	81.3	92	60.8	126

Session Report

6/17/2021

Information Panel

Name S446_BGH030008_17062021_194135
Start Time 6/17/2021 9:14:27 AM
Stop Time 6/17/2021 9:29:27 AM
Device Name BGH030008
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 1 6-17-21 TOW #1 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	76.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

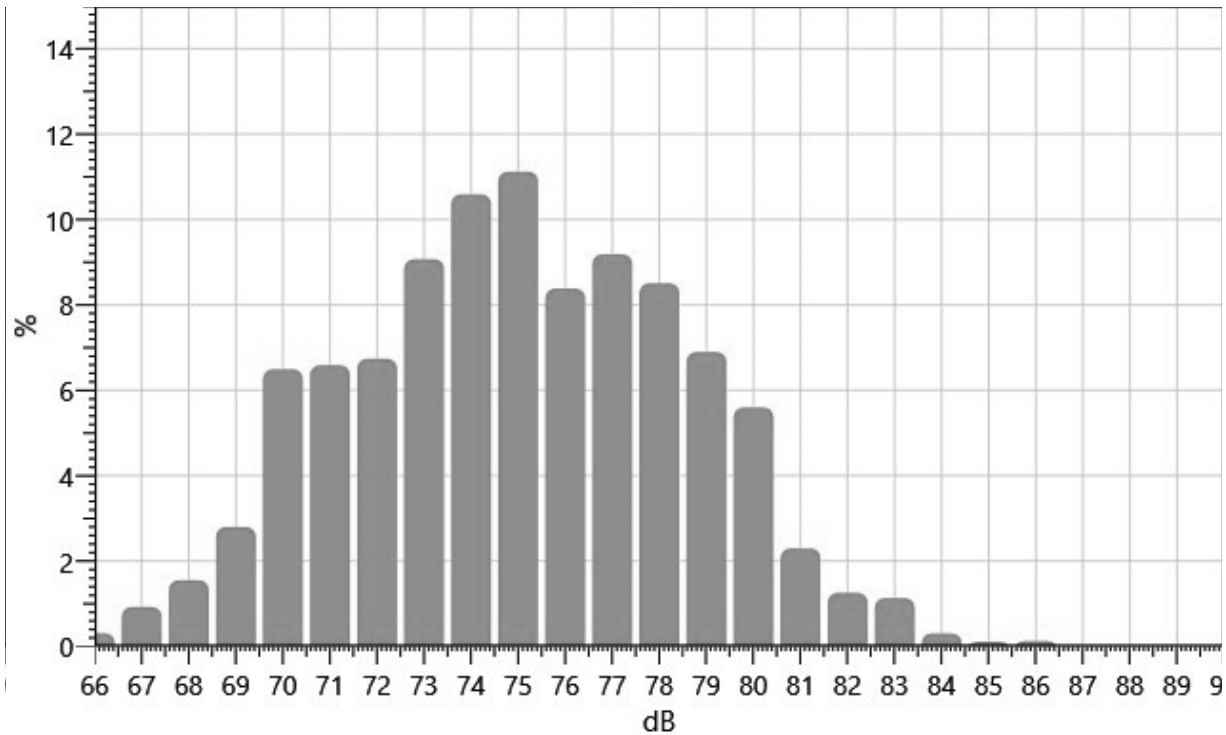
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
66:	0.00	0.00	0.02	0.06	0.06	0.03	0.03	0.03	0.06	0.04	0.31
67:	0.07	0.07	0.05	0.04	0.07	0.11	0.18	0.11	0.13	0.09	0.93
68:	0.07	0.08	0.10	0.10	0.14	0.13	0.22	0.19	0.18	0.33	1.55
69:	0.29	0.23	0.23	0.20	0.31	0.23	0.30	0.28	0.29	0.43	2.80
70:	0.58	0.85	0.76	0.60	0.61	0.48	0.61	0.60	0.67	0.72	6.49
71:	0.76	0.55	0.57	0.66	0.60	0.58	0.55	0.58	0.86	0.88	6.59
72:	0.91	0.82	0.67	0.34	0.60	0.69	0.71	0.56	0.65	0.79	6.74
73:	0.89	0.79	0.82	0.84	0.92	0.88	0.89	1.01	1.11	0.92	9.07
74:	0.94	0.94	0.88	1.15	1.36	1.18	1.02	1.03	1.00	1.09	10.59
75:	1.22	1.27	1.36	0.90	1.19	0.96	0.93	1.07	1.21	1.01	11.12
76:	0.92	0.85	0.71	0.73	0.85	0.91	0.87	0.79	0.88	0.88	8.38
77:	0.97	0.98	0.97	0.91	0.77	0.78	0.80	0.83	1.08	1.09	9.19
78:	1.00	1.05	0.94	0.63	0.87	0.90	0.89	0.79	0.71	0.73	8.51
79:	0.82	0.92	0.73	0.65	0.66	0.55	0.54	0.62	0.68	0.72	6.90

80:	0.56	0.74	0.55	0.74	0.73	0.53	0.45	0.46	0.44	0.40	5.60
81:	0.37	0.26	0.23	0.15	0.19	0.27	0.26	0.18	0.18	0.19	2.30
82:	0.18	0.17	0.16	0.11	0.09	0.13	0.11	0.06	0.12	0.13	1.26
83:	0.13	0.10	0.12	0.14	0.20	0.13	0.09	0.12	0.04	0.07	1.14
84:	0.10	0.07	0.05	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.31
85:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.11
86:	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.00	0.00	0.13

Statistics Chart

S446_BGH030008_17062021_194135: Statistics Chart



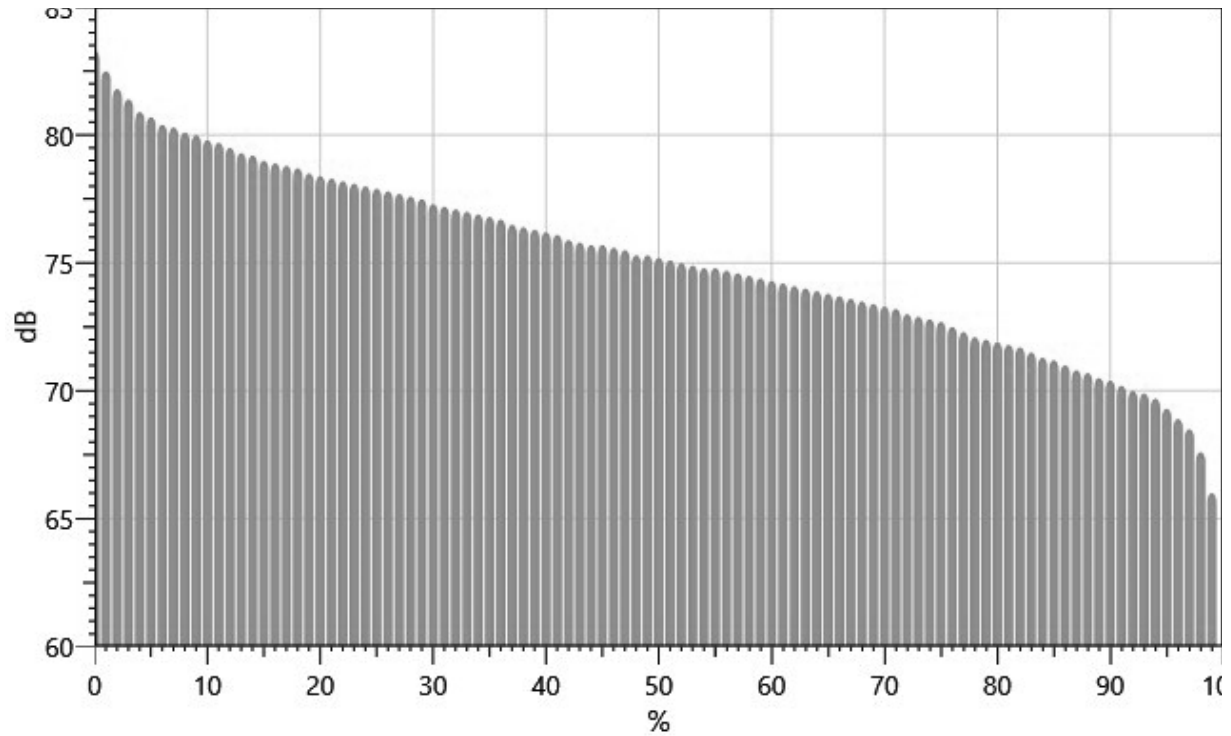
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		83.3	82.5	81.8	81.4	80.9	80.7	80.4	80.3	80.1
10%:	80.0	79.8	79.7	79.5	79.3	79.2	79.0	78.9	78.8	78.7
20%:	78.5	78.4	78.3	78.2	78.1	78.0	77.9	77.8	77.7	77.6
30%:	77.5	77.3	77.2	77.1	77.0	76.9	76.8	76.7	76.5	76.4
40%:	76.3	76.2	76.1	75.9	75.8	75.7	75.7	75.6	75.5	75.3
50%:	75.3	75.2	75.1	75.0	74.9	74.8	74.8	74.7	74.6	74.5
60%:	74.4	74.3	74.2	74.1	74.0	73.9	73.8	73.7	73.6	73.5
70%:	73.4	73.3	73.2	73.0	72.9	72.8	72.7	72.5	72.3	72.1

80%:	72.0	71.9	71.8	71.7	71.5	71.3	71.2	71.0	70.8	70.7
90%:	70.5	70.4	70.2	70.0	69.9	69.7	69.3	68.9	68.5	67.6
100%:	66.0									

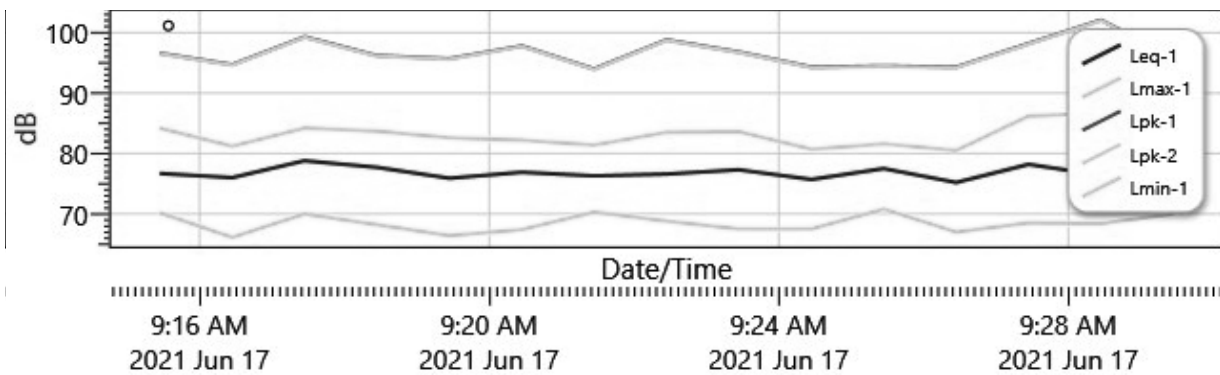
Exceedance Chart

S446_BGH030008_17062021_194135: Exceedance Chart



Logged Data Chart

S446_BGH030008_17062021_194135: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 9:15:27 AM	76.7	84.2	70.2	96.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:16:27 AM	76	81.2	66.1	94.7
9:17:27 AM	78.8	84.2	70	99.3
9:18:27 AM	77.7	83.7	68.2	96.2
9:19:27 AM	75.9	82.6	66.4	95.7
9:20:27 AM	76.9	82.2	67.4	97.8
9:21:27 AM	76.3	81.4	70.3	94
9:22:27 AM	76.6	83.5	68.8	98.8
9:23:27 AM	77.3	83.6	67.5	96.8
9:24:27 AM	75.7	80.7	67.5	94.3
9:25:27 AM	77.5	81.6	70.8	94.5
9:26:27 AM	75.2	80.5	67	94.3
9:27:27 AM	78.2	86.2	68.5	98.2
9:28:27 AM	76.4	86.7	68.4	102.1
9:29:27 AM	76.3	82.3	70	95.9

Session Report

6/18/2021

Information Panel

Name S014_BHF080013_17062021_200943
Start Time 6/17/2021 9:14:15 AM
Stop Time 6/17/2021 9:29:15 AM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 10' #1 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	73.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

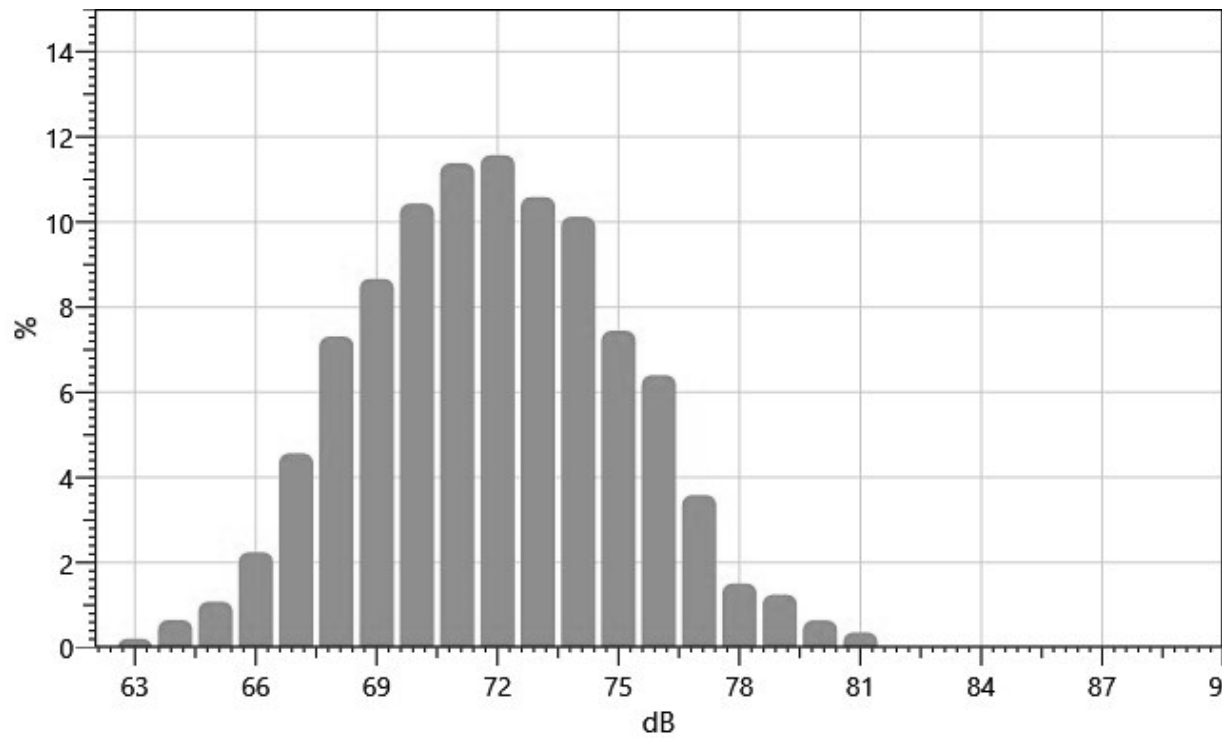
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
62:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02
63:	0.02	0.01	0.02	0.01	0.01	0.02	0.01	0.02	0.03	0.07	0.21
64:	0.05	0.04	0.04	0.03	0.08	0.08	0.08	0.09	0.07	0.10	0.65
65:	0.09	0.12	0.12	0.07	0.09	0.09	0.10	0.08	0.14	0.19	1.08
66:	0.26	0.25	0.23	0.19	0.21	0.22	0.21	0.21	0.22	0.23	2.24
67:	0.30	0.43	0.42	0.37	0.31	0.48	0.50	0.58	0.56	0.62	4.56
68:	0.66	0.69	0.73	0.51	0.80	0.65	0.76	0.82	0.85	0.85	7.31
69:	0.97	1.05	1.03	0.84	0.87	0.80	0.72	0.64	0.79	0.97	8.66
70:	0.87	0.79	0.94	0.86	0.97	0.99	1.29	1.30	1.26	1.18	10.43
71:	1.24	1.34	1.28	0.79	1.16	1.23	1.13	1.15	1.03	1.02	11.38
72:	1.15	1.03	1.13	1.24	1.14	1.26	1.26	1.24	1.07	1.06	11.57
73:	0.99	1.08	1.08	1.06	1.32	1.07	1.00	1.13	0.90	0.96	10.59
74:	1.02	1.13	1.20	0.74	1.00	1.04	0.97	0.90	0.93	1.20	10.12
75:	0.93	0.75	0.73	0.65	0.69	0.80	0.79	0.75	0.66	0.69	7.44

76:	0.62	0.65	0.71	0.59	0.72	0.62	0.59	0.56	0.67	0.66	6.40
77:	0.60	0.63	0.44	0.30	0.33	0.31	0.24	0.26	0.23	0.23	3.58
78:	0.18	0.21	0.20	0.18	0.15	0.15	0.16	0.08	0.09	0.11	1.51
79:	0.12	0.11	0.12	0.11	0.13	0.23	0.16	0.12	0.06	0.08	1.24
80:	0.07	0.05	0.06	0.05	0.05	0.04	0.04	0.09	0.13	0.05	0.64
81:	0.06	0.11	0.08	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.36

Statistics Chart

S014_BHF080013_17062021_200943: Statistics Chart



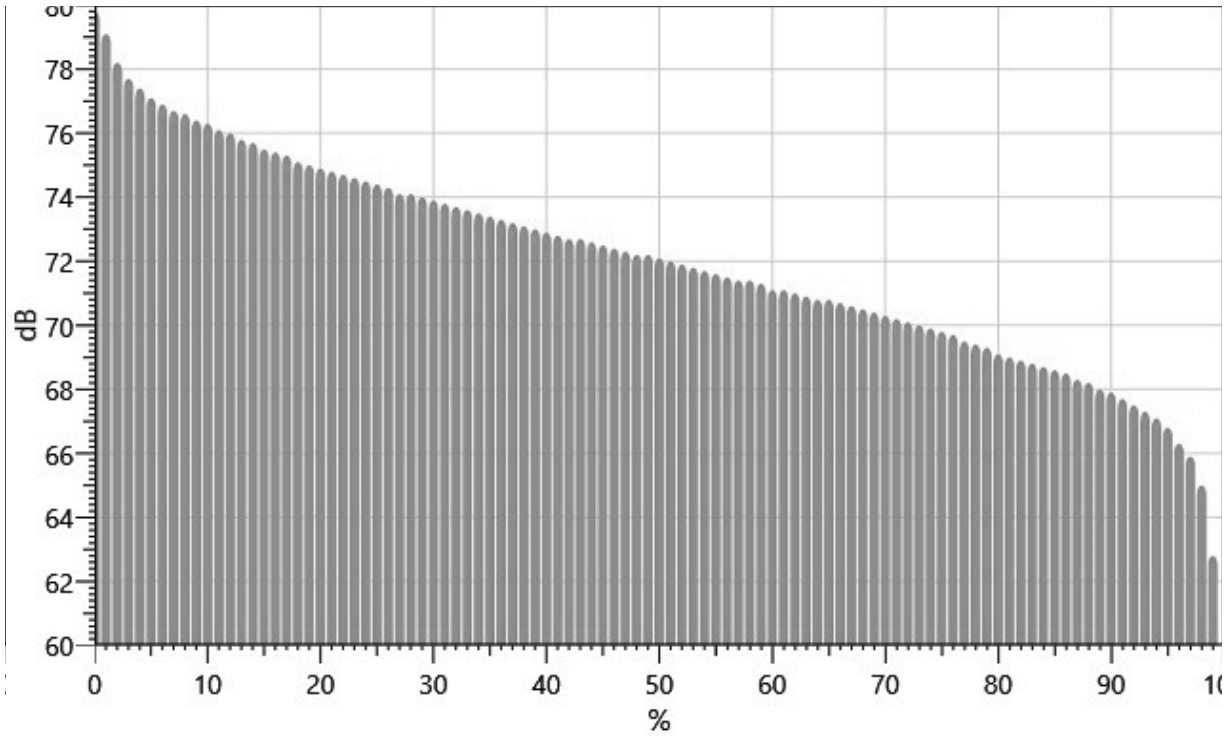
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		79.8	79.1	78.2	77.7	77.4	77.1	76.9	76.7	76.6
10%:	76.4	76.3	76.1	76.0	75.8	75.7	75.5	75.4	75.3	75.1
20%:	75.0	74.9	74.8	74.7	74.6	74.5	74.4	74.3	74.1	74.1
30%:	74.0	73.9	73.8	73.7	73.6	73.5	73.4	73.3	73.2	73.1
40%:	73.0	72.9	72.8	72.7	72.7	72.6	72.5	72.4	72.3	72.2
50%:	72.2	72.1	72.0	71.9	71.8	71.7	71.6	71.5	71.4	71.4
60%:	71.3	71.1	71.1	71.0	70.9	70.8	70.8	70.7	70.6	70.5
70%:	70.4	70.3	70.2	70.1	70.0	69.9	69.8	69.7	69.5	69.4
80%:	69.3	69.1	69.0	68.9	68.8	68.7	68.6	68.5	68.3	68.2

90%: 68.0 67.9 67.7 67.5 67.3 67.1 66.8 66.3 65.9 65.0
 100%: 62.8

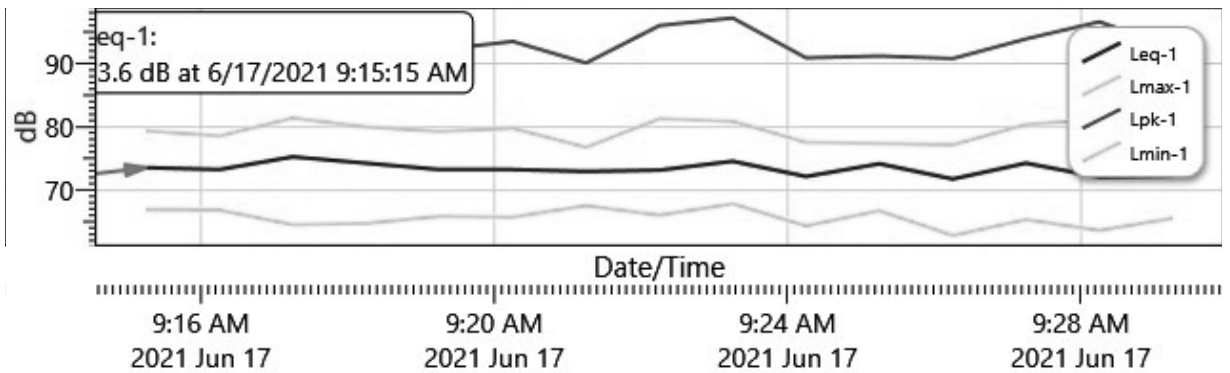
Exceedance Chart

S014_BHF080013_17062021_200943: Exceedance Chart



Logged Data Chart

S014_BHF080013_17062021_200943: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 9:15:15 AM	73.6	79.4	67	91.5
9:16:15 AM	73.3	78.6	66.9	91

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:17:15 AM	75.3	81.4	64.6	96.5
9:18:15 AM	74.3	80	64.8	93.3
9:19:15 AM	73.3	79.3	65.9	92.2
9:20:15 AM	73.3	79.8	65.8	93.5
9:21:15 AM	73	76.8	67.6	90.1
9:22:15 AM	73.2	81.3	66.1	96
9:23:15 AM	74.6	80.9	67.9	97.2
9:24:15 AM	72.2	77.6	64.4	90.9
9:25:15 AM	74.2	77.4	66.8	91.2
9:26:15 AM	71.8	77.2	62.9	90.8
9:27:15 AM	74.3	80.4	65.4	93.9
9:28:15 AM	72.1	81.2	63.7	96.6
9:29:15 AM	72.3	78.5	65.6	92.4

Session Report

6/18/2021

Information Panel

Name S037_BIG080015_17062021_202638
Start Time 6/17/2021 9:15:21 AM
Stop Time 6/17/2021 9:30:21 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from Fence #1 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	71 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

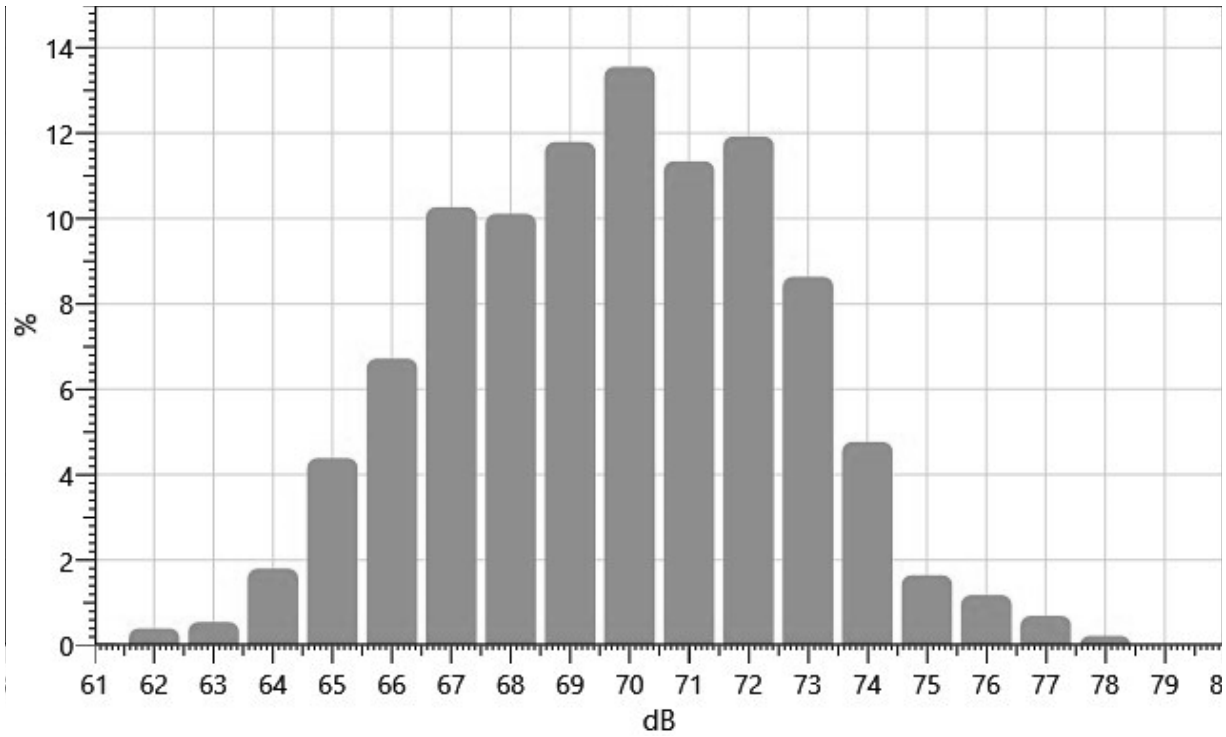
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
61:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
62:	0.04	0.03	0.03	0.03	0.02	0.06	0.06	0.06	0.03	0.04	0.40
63:	0.04	0.04	0.03	0.05	0.04	0.07	0.06	0.07	0.06	0.08	0.55
64:	0.10	0.11	0.12	0.13	0.10	0.23	0.24	0.16	0.30	0.32	1.80
65:	0.54	0.63	0.31	0.40	0.37	0.49	0.34	0.39	0.48	0.44	4.38
66:	0.45	0.58	0.77	0.55	0.74	0.74	0.93	0.65	0.63	0.70	6.72
67:	0.93	0.94	0.82	0.93	0.96	1.14	1.41	1.13	0.98	1.04	10.27
68:	1.24	1.11	0.64	0.99	0.99	1.22	0.98	0.98	0.95	1.00	10.11
69:	1.04	1.09	1.12	1.27	1.03	1.03	1.25	1.29	1.29	1.39	11.79
70:	1.21	1.29	1.47	1.53	1.38	1.19	1.33	1.49	1.31	1.35	13.55
71:	1.28	1.27	0.79	1.12	1.14	1.06	1.10	1.14	1.27	1.16	11.34
72:	1.27	1.26	1.39	1.41	1.37	1.15	0.94	1.04	1.18	0.93	11.92
73:	0.93	0.76	0.78	0.91	0.78	0.71	0.86	0.97	0.88	1.04	8.63
74:	1.15	0.76	0.39	0.52	0.47	0.39	0.28	0.34	0.31	0.16	4.77

75:	0.14	0.14	0.20	0.17	0.15	0.15	0.16	0.18	0.19	0.16	1.64
76:	0.14	0.13	0.10	0.09	0.10	0.12	0.15	0.12	0.13	0.10	1.18
77:	0.06	0.05	0.06	0.09	0.06	0.06	0.05	0.10	0.09	0.06	0.69
78:	0.09	0.05	0.02	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.22

Statistics Chart

S037_BIG080015_17062021_202638: Statistics Chart

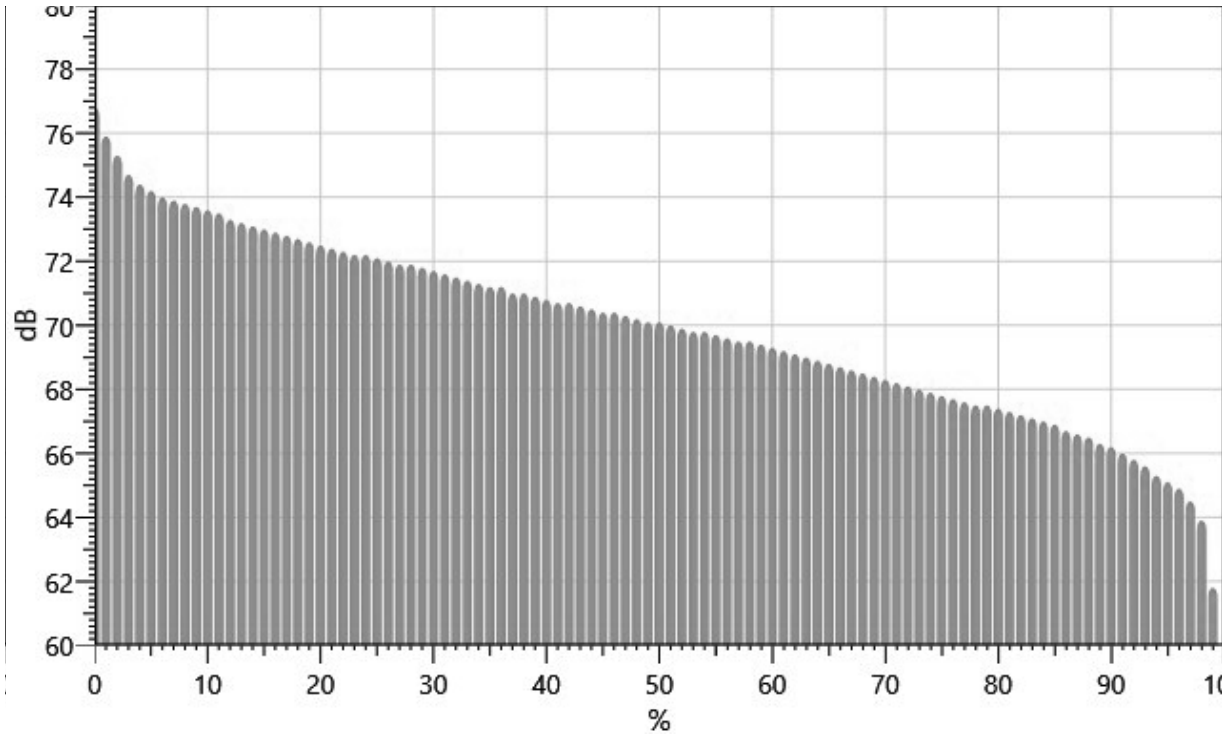


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		76.8	75.9	75.3	74.7	74.4	74.2	74.0	73.9	73.8
10%:	73.7	73.6	73.5	73.3	73.2	73.1	73.0	72.9	72.8	72.7
20%:	72.6	72.5	72.4	72.3	72.2	72.2	72.1	72.0	71.9	71.9
30%:	71.8	71.7	71.6	71.5	71.4	71.3	71.2	71.2	71.0	71.0
40%:	70.9	70.8	70.7	70.7	70.6	70.5	70.4	70.4	70.3	70.2
50%:	70.1	70.1	70.0	69.9	69.8	69.8	69.7	69.6	69.5	69.5
60%:	69.4	69.3	69.2	69.1	69.0	68.9	68.8	68.7	68.6	68.5
70%:	68.4	68.3	68.2	68.1	68.0	67.9	67.8	67.7	67.6	67.5
80%:	67.5	67.4	67.3	67.2	67.1	67.0	66.9	66.7	66.6	66.5
90%:	66.3	66.2	66.0	65.8	65.6	65.3	65.1	64.9	64.5	63.9
100%:	61.8									

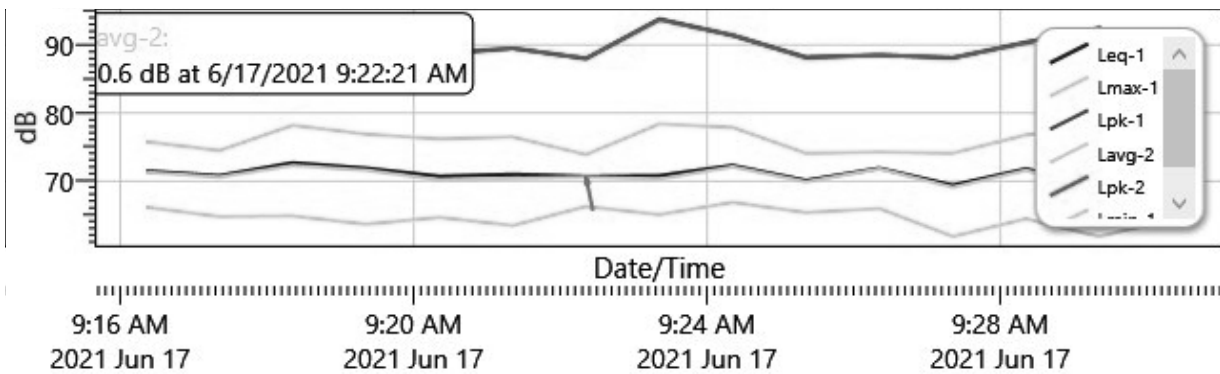
Exceedance Chart

S037_BIG080015_17062021_202638: Exceedance Chart



Logged Data Chart

S037_BIG080015_17062021_202638: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 9:16:21 AM	71.5	75.8	66.2	89.5
9:17:21 AM	70.8	74.5	64.8	87.7
9:18:21 AM	72.7	78.2	64.9	90.7
9:19:21 AM	71.9	76.9	63.7	88.8
9:20:21 AM	70.7	76.2	64.7	88.7

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:21:21 AM	71	76.5	63.5	89.5
9:22:21 AM	70.7	73.9	66.3	88
9:23:21 AM	70.8	78.4	65.1	93.8
9:24:21 AM	72.3	77.9	66.9	91.4
9:25:21 AM	70.1	74.1	65.4	88.2
9:26:21 AM	71.9	74.3	66	88.5
9:27:21 AM	69.4	74.1	61.9	88.1
9:28:21 AM	71.8	76.8	64.5	90.4
9:29:21 AM	69.2	78.1	61.9	92.5
9:30:21 AM	69.7	74.6	64.5	87.6

Session Report

6/18/2021

Information Panel

Name S010_BIF090005_17062021_204235
Start Time 6/17/2021 9:14:32 AM
Stop Time 6/17/2021 9:29:32 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from fence #1 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	69.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

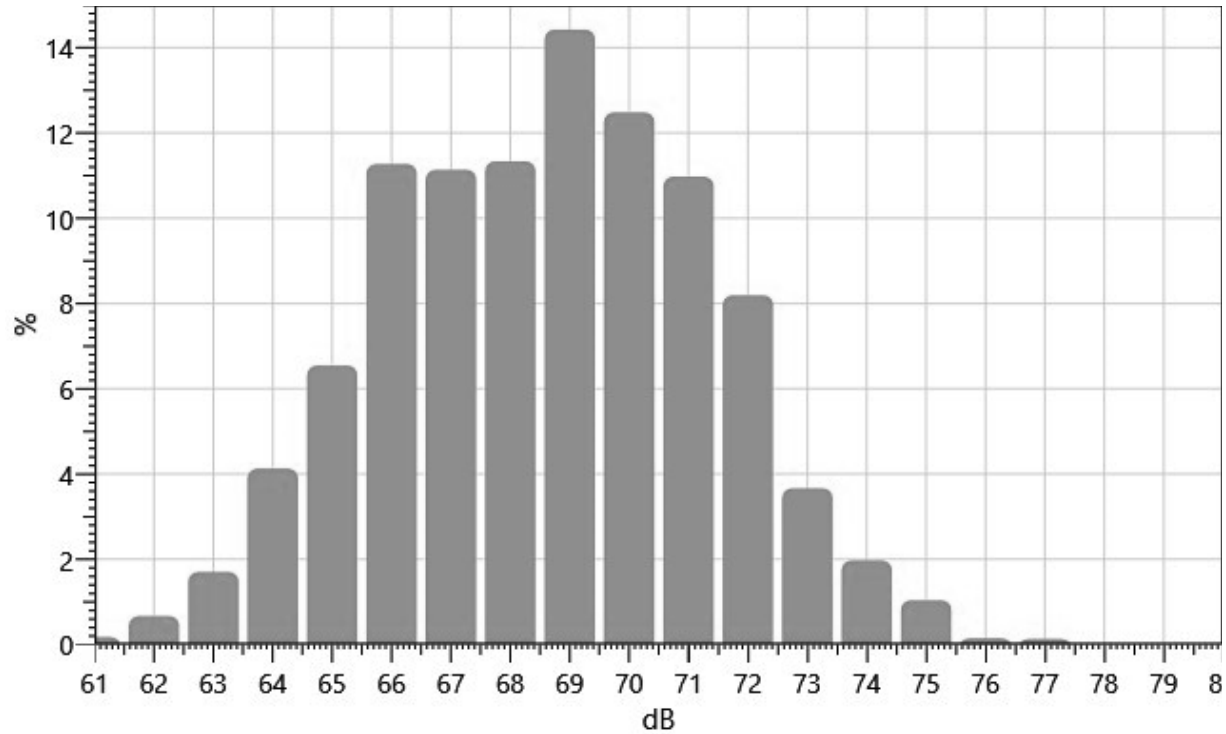
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
61:	0.00	0.00	0.00	0.01	0.04	0.05	0.04	0.01	0.01	0.01	0.18
62:	0.02	0.01	0.02	0.03	0.05	0.06	0.13	0.11	0.11	0.13	0.67
63:	0.16	0.10	0.08	0.09	0.18	0.20	0.15	0.23	0.23	0.28	1.70
64:	0.39	0.44	0.55	0.39	0.39	0.37	0.50	0.40	0.36	0.32	4.13
65:	0.36	0.53	0.61	0.59	0.54	0.63	0.73	0.75	0.70	1.11	6.55
66:	1.13	1.33	0.95	1.32	1.36	1.08	1.15	0.99	1.00	0.97	11.27
67:	1.14	1.09	1.03	1.02	1.00	1.07	1.15	1.48	1.15	1.01	11.14
68:	0.80	1.00	1.14	1.18	0.89	1.02	1.32	1.09	1.38	1.51	11.34
69:	1.46	1.82	1.32	1.43	1.70	1.48	1.28	1.30	1.35	1.29	14.43
70:	1.29	1.00	1.20	1.28	1.35	1.30	1.32	1.11	1.34	1.28	12.48
71:	1.20	1.09	1.01	0.99	1.00	1.11	1.27	1.18	0.97	1.15	10.97
72:	1.22	1.12	0.91	0.62	0.88	0.77	0.80	0.75	0.60	0.53	8.19
73:	0.55	0.48	0.54	0.59	0.25	0.30	0.31	0.24	0.19	0.22	3.67
74:	0.21	0.19	0.16	0.20	0.34	0.21	0.17	0.19	0.14	0.16	1.97

75:	0.13	0.08	0.11	0.08	0.19	0.12	0.10	0.09	0.07	0.05	1.04
76:	0.04	0.03	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.15
77:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.00	0.13

Statistics Chart

S010_BIF090005_17062021_204235: Statistics Chart

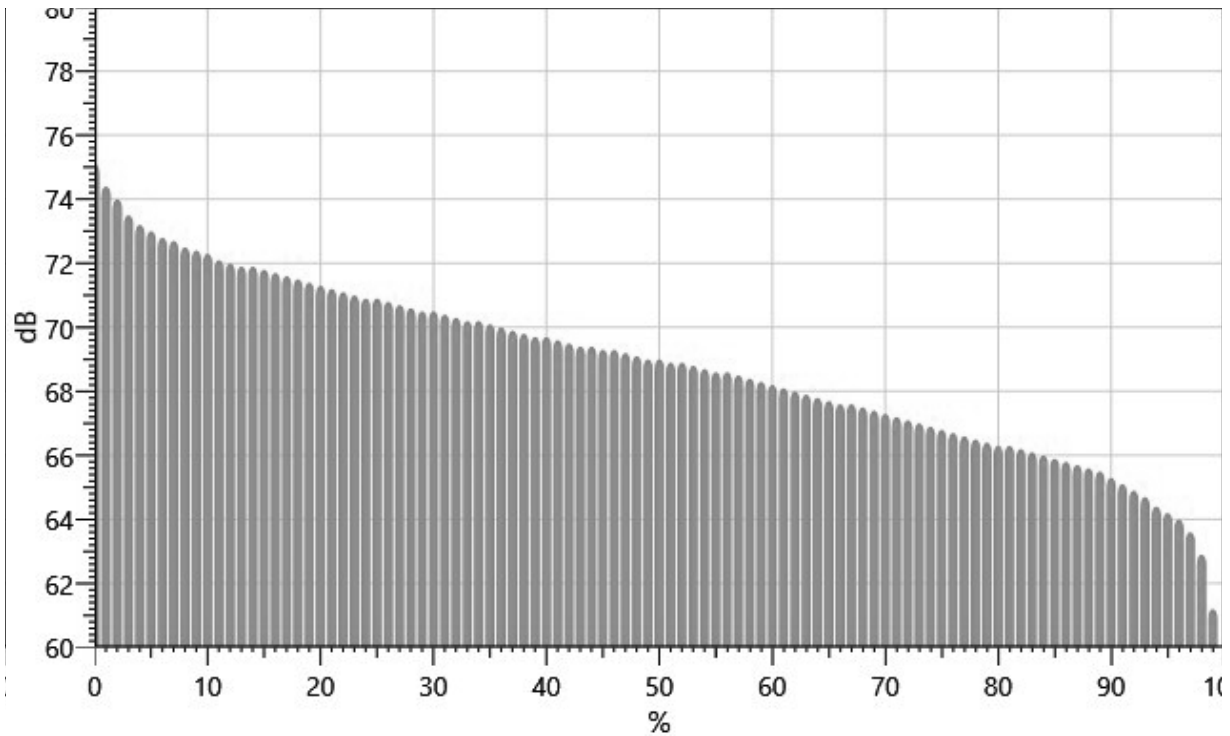


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		75.1	74.4	74.0	73.5	73.2	73.0	72.8	72.7	72.5
10%:	72.4	72.3	72.1	72.0	71.9	71.9	71.8	71.7	71.6	71.5
20%:	71.4	71.3	71.2	71.1	71.0	70.9	70.9	70.8	70.7	70.6
30%:	70.5	70.5	70.4	70.3	70.2	70.2	70.1	70.0	69.9	69.8
40%:	69.7	69.7	69.6	69.5	69.4	69.4	69.3	69.3	69.2	69.1
50%:	69.0	69.0	68.9	68.9	68.8	68.7	68.6	68.6	68.5	68.4
60%:	68.3	68.2	68.1	68.0	67.9	67.8	67.7	67.6	67.6	67.5
70%:	67.4	67.3	67.2	67.1	67.0	66.9	66.8	66.7	66.6	66.5
80%:	66.4	66.3	66.3	66.2	66.1	66.0	65.9	65.8	65.7	65.6
90%:	65.5	65.3	65.1	64.9	64.7	64.4	64.2	64.0	63.6	62.9
100%:	61.2									

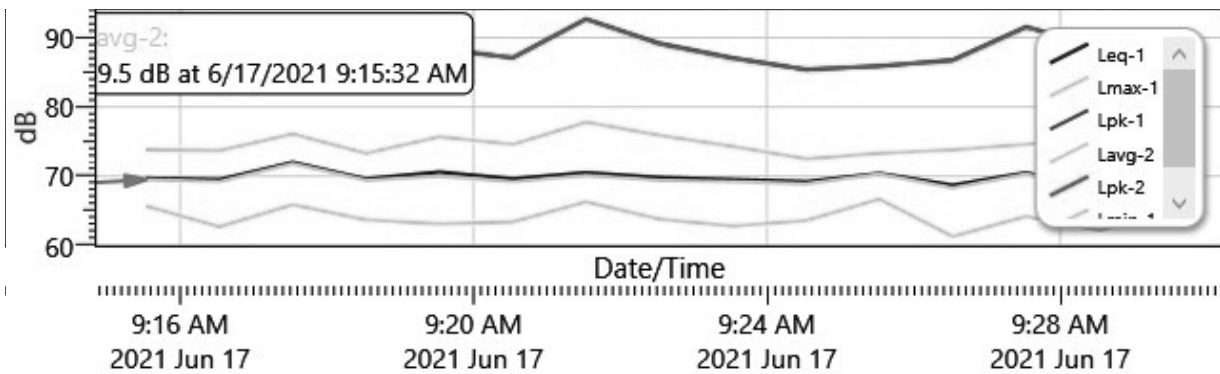
Exceedance Chart

S010_BIF090005_17062021_204235: Exceedance Chart



Logged Data Chart

S010_BIF090005_17062021_204235: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 9:15:32 AM	69.7	73.8	65.7	87.6
9:16:32 AM	69.5	73.7	62.7	88.9
9:17:32 AM	72	76.1	65.9	89.2
9:18:32 AM	69.6	73.3	63.7	87.1
9:19:32 AM	70.6	75.7	63.1	88.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:20:32 AM	69.6	74.6	63.4	87.1
9:21:32 AM	70.5	77.8	66.3	92.7
9:22:32 AM	69.8	75.9	63.8	89.2
9:23:32 AM	69.5	74.3	62.8	87.1
9:24:32 AM	69.2	72.5	63.6	85.4
9:25:32 AM	70.4	73.3	66.7	85.9
9:26:32 AM	68.7	73.8	61.3	86.8
9:27:32 AM	70.5	74.6	64.2	91.6
9:28:32 AM	68.1	75.5	62.2	88.7
9:29:32 AM	69.4	73.3	65	87.2

Session Report

6/18/2021

Information Panel

Name S011_BIH050004_17062021_205936
Start Time 6/17/2021 9:14:22 AM
Stop Time 6/17/2021 9:29:22 AM
Device Name BIH050004
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 200' from fence #1 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	88.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	IMPULSE			

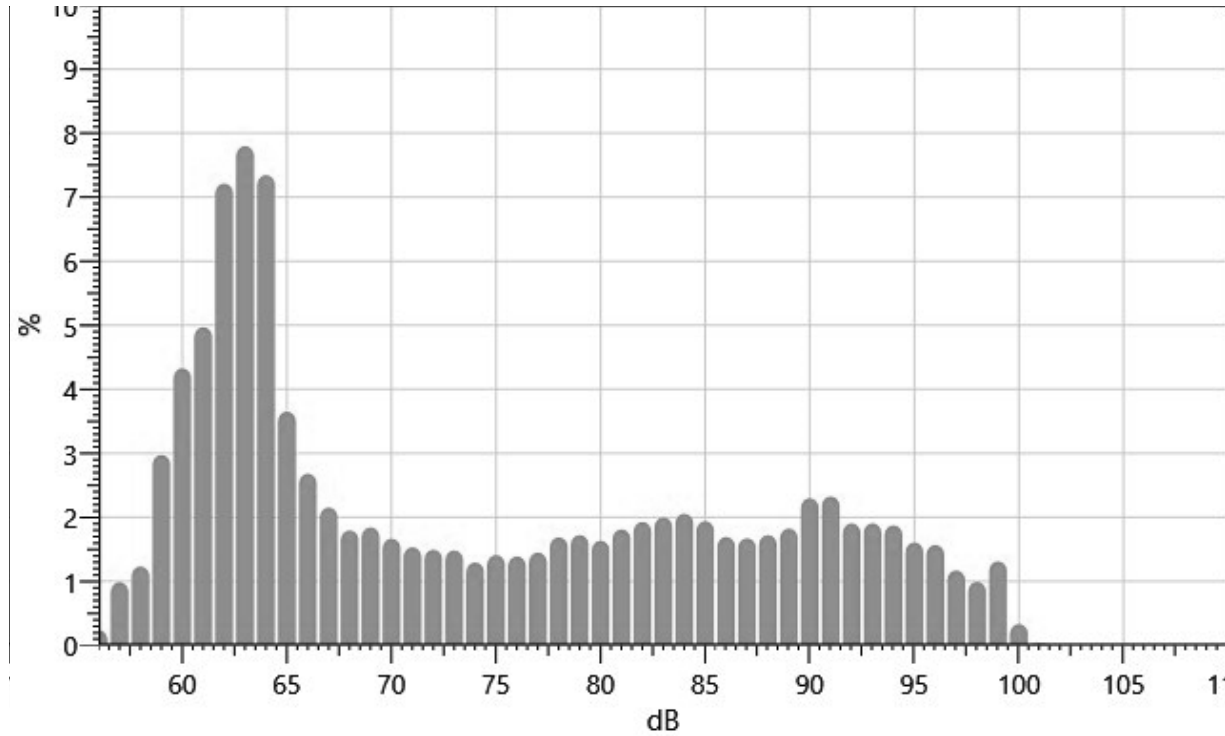
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.04	0.04	0.03	0.02	0.04	0.03	0.02	0.02	0.24
57:	0.03	0.04	0.04	0.08	0.07	0.05	0.08	0.12	0.22	0.26	0.99
58:	0.13	0.16	0.11	0.10	0.12	0.13	0.08	0.07	0.16	0.18	1.23
59:	0.20	0.16	0.20	0.31	0.21	0.35	0.46	0.32	0.30	0.44	2.98
60:	0.42	0.42	0.39	0.44	0.56	0.62	0.43	0.31	0.32	0.41	4.33
61:	0.38	0.34	0.34	0.54	0.64	0.64	0.60	0.55	0.41	0.53	4.97
62:	0.48	0.55	0.78	0.66	0.72	0.84	0.88	0.93	0.77	0.60	7.21
63:	0.60	0.74	1.12	0.64	0.64	0.69	0.62	0.83	0.90	1.02	7.80
64:	0.93	0.79	0.56	0.92	1.15	0.81	0.55	0.58	0.49	0.57	7.35
65:	0.38	0.37	0.35	0.31	0.42	0.37	0.45	0.32	0.38	0.31	3.65
66:	0.29	0.26	0.25	0.26	0.27	0.30	0.33	0.26	0.22	0.25	2.68
67:	0.25	0.28	0.17	0.26	0.19	0.18	0.18	0.18	0.23	0.24	2.15
68:	0.21	0.21	0.21	0.17	0.18	0.18	0.16	0.16	0.17	0.15	1.80
69:	0.15	0.19	0.19	0.21	0.20	0.19	0.19	0.17	0.18	0.18	1.84

70:	0.18	0.19	0.12	0.17	0.16	0.18	0.17	0.17	0.16	0.18	1.67
71:	0.16	0.16	0.16	0.16	0.16	0.14	0.14	0.14	0.15	0.14	1.53
72:	0.15	0.15	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.17	1.50
73:	0.19	0.18	0.11	0.15	0.15	0.15	0.14	0.13	0.14	0.14	1.48
74:	0.13	0.12	0.13	0.12	0.13	0.13	0.13	0.14	0.13	0.14	1.30
75:	0.14	0.15	0.13	0.14	0.13	0.13	0.15	0.14	0.15	0.15	1.41
76:	0.15	0.16	0.11	0.14	0.13	0.14	0.13	0.14	0.13	0.14	1.39
77:	0.14	0.14	0.15	0.15	0.15	0.13	0.14	0.15	0.16	0.14	1.45
78:	0.15	0.14	0.15	0.17	0.15	0.19	0.17	0.19	0.19	0.19	1.69
79:	0.19	0.21	0.14	0.17	0.17	0.18	0.17	0.16	0.17	0.17	1.72
80:	0.17	0.17	0.16	0.16	0.16	0.17	0.16	0.17	0.16	0.17	1.64
81:	0.16	0.17	0.16	0.17	0.17	0.19	0.17	0.20	0.20	0.21	1.81
82:	0.22	0.22	0.21	0.12	0.21	0.19	0.20	0.19	0.19	0.19	1.93
83:	0.20	0.19	0.19	0.18	0.21	0.20	0.21	0.21	0.20	0.22	2.00
84:	0.19	0.21	0.19	0.21	0.20	0.20	0.20	0.21	0.23	0.23	2.06
85:	0.22	0.21	0.23	0.13	0.19	0.20	0.19	0.19	0.17	0.19	1.94
86:	0.18	0.21	0.17	0.17	0.16	0.17	0.15	0.16	0.15	0.16	1.69
87:	0.17	0.16	0.15	0.15	0.16	0.16	0.17	0.17	0.19	0.18	1.67
88:	0.19	0.19	0.20	0.13	0.15	0.17	0.16	0.18	0.18	0.17	1.72
89:	0.18	0.17	0.17	0.18	0.18	0.17	0.19	0.18	0.20	0.21	1.83
90:	0.19	0.20	0.20	0.23	0.23	0.24	0.24	0.25	0.24	0.27	2.30
91:	0.28	0.25	0.27	0.18	0.26	0.23	0.21	0.21	0.20	0.23	2.33
92:	0.22	0.23	0.21	0.18	0.16	0.17	0.19	0.20	0.17	0.17	1.91
93:	0.19	0.18	0.19	0.17	0.17	0.18	0.20	0.22	0.19	0.21	1.91
94:	0.20	0.19	0.20	0.14	0.20	0.16	0.17	0.18	0.20	0.22	1.88
95:	0.22	0.18	0.17	0.15	0.18	0.14	0.13	0.13	0.14	0.17	1.61
96:	0.14	0.18	0.16	0.16	0.16	0.15	0.15	0.16	0.16	0.16	1.57
97:	0.17	0.14	0.15	0.11	0.12	0.13	0.09	0.09	0.08	0.09	1.17
98:	0.09	0.09	0.09	0.07	0.08	0.08	0.09	0.12	0.14	0.14	0.99
99:	0.15	0.18	0.19	0.16	0.13	0.12	0.11	0.10	0.10	0.07	1.31
100:	0.02	0.03	0.05	0.05	0.03	0.05	0.05	0.02	0.02	0.01	0.33
101:	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

Statistics Chart

S011_BIH050004_17062021_205936: Statistics Chart

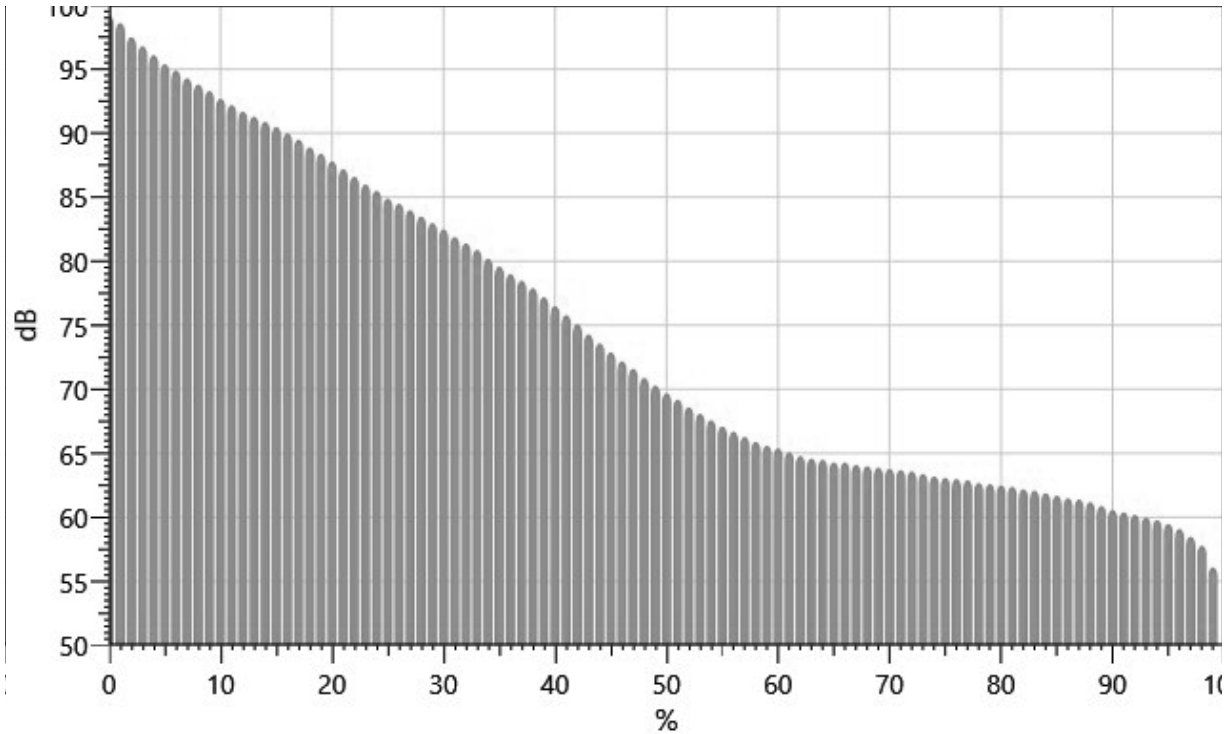


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		99.2	98.6	97.5	96.8	96.1	95.4	94.9	94.3	93.8
10%:	93.3	92.7	92.2	91.7	91.3	90.9	90.5	90.0	89.5	88.9
20%:	88.4	87.8	87.2	86.6	86.0	85.5	84.9	84.5	84.0	83.5
30%:	83.0	82.5	81.9	81.4	80.9	80.2	79.6	79.0	78.5	77.9
40%:	77.2	76.5	75.8	75.1	74.3	73.6	72.9	72.2	71.6	70.9
50%:	70.3	69.7	69.2	68.6	68.1	67.6	67.1	66.7	66.3	65.9
60%:	65.6	65.4	65.1	64.8	64.6	64.5	64.3	64.3	64.1	64.0
70%:	63.9	63.8	63.7	63.6	63.4	63.2	63.1	63.0	62.9	62.7
80%:	62.6	62.5	62.4	62.2	62.1	61.9	61.7	61.5	61.4	61.2
90%:	60.9	60.6	60.4	60.2	60.0	59.8	59.5	59.1	58.5	57.8
100%:	56.1									

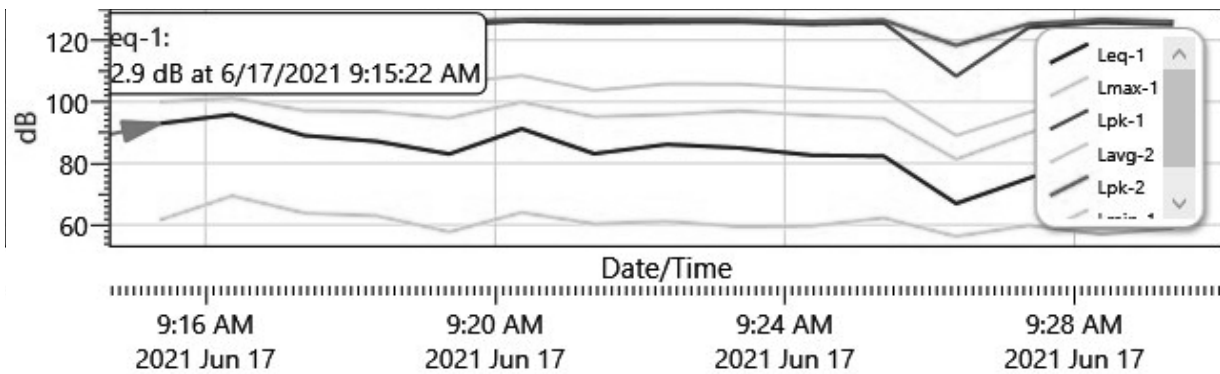
Exceedance Chart

S011_BIH050004_17062021_205936: Exceedance Chart



Logged Data Chart

S011_BIH050004_17062021_205936: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 9:15:22 AM	92.9	99.9	61.5	126
9:16:22 AM	95.8	101.2	69.4	126.2
9:17:22 AM	89	97.1	63.8	125.8
9:18:22 AM	87.1	96.8	62.9	125.6
9:19:22 AM	83	94.7	57.7	124.8

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:20:22 AM	91.2	99.9	64	126.2
9:21:22 AM	83.1	95.1	60.3	125.6
9:22:22 AM	86.1	95.8	61.1	125.8
9:23:22 AM	85	97	59.4	125.9
9:24:22 AM	82.6	95.6	59.6	125.1
9:25:22 AM	82.3	94.6	62.2	125.6
9:26:22 AM	66.9	81.3	56.2	108.3
9:27:22 AM	75.1	89.8	59.8	124.1
9:28:22 AM	83.4	97.2	56.9	125.7
9:29:22 AM	77.1	91.2	58.9	125

Session Report

6/17/2021

Information Panel

Name S447_BGH030008_17062021_194135
Start Time 6/17/2021 11:07:27 AM
Stop Time 6/17/2021 11:22:27 AM
Device Name BGH030008
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 1 TOW_2_Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	76.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

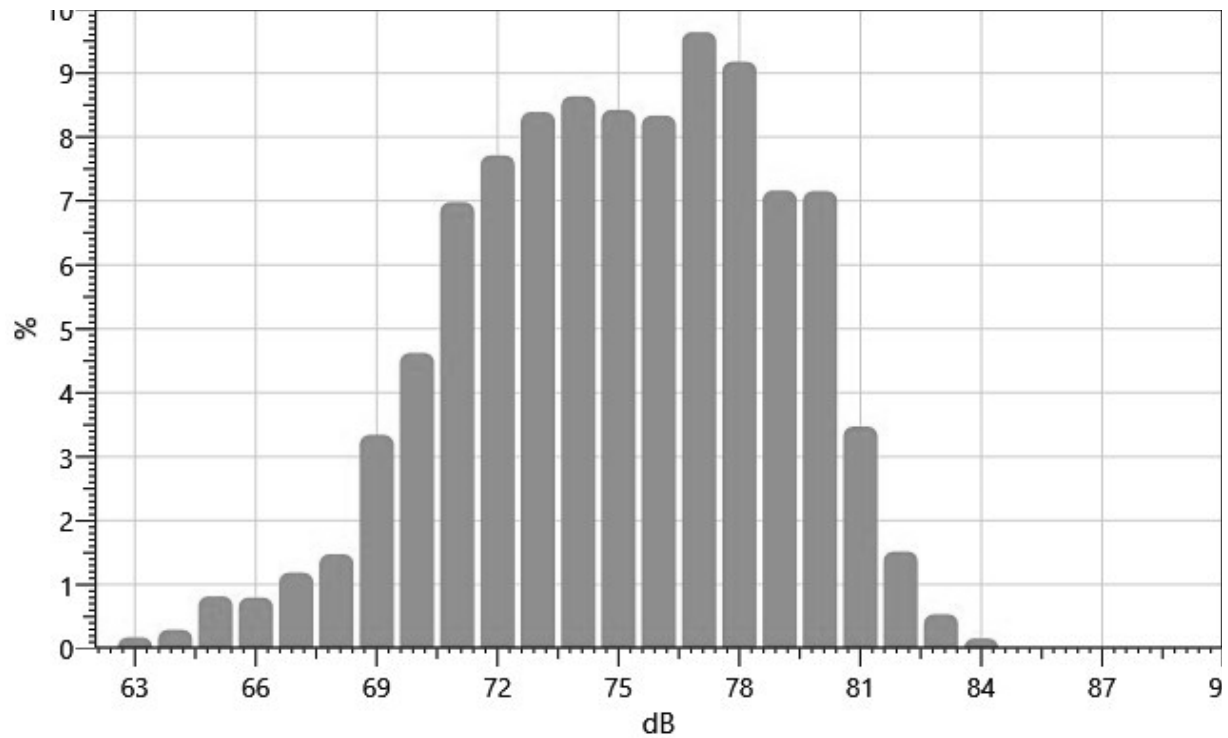
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
62:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63:	0.04	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.18
64:	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.04	0.15	0.29
65:	0.17	0.08	0.08	0.09	0.07	0.11	0.04	0.05	0.05	0.07	0.82
66:	0.06	0.05	0.04	0.10	0.07	0.06	0.08	0.14	0.10	0.09	0.80
67:	0.08	0.09	0.07	0.09	0.18	0.14	0.14	0.15	0.13	0.13	1.19
68:	0.13	0.12	0.14	0.16	0.13	0.19	0.13	0.15	0.18	0.15	1.48
69:	0.23	0.29	0.24	0.35	0.36	0.31	0.36	0.37	0.36	0.46	3.34
70:	0.50	0.58	0.45	0.42	0.45	0.43	0.42	0.38	0.47	0.53	4.62
71:	0.61	0.82	0.68	0.50	0.47	0.66	0.79	0.93	0.76	0.76	6.98
72:	0.81	0.71	0.73	0.52	0.77	0.91	0.80	0.85	0.81	0.81	7.71
73:	0.78	0.86	0.79	0.90	0.87	0.79	0.84	0.95	0.85	0.76	8.39
74:	0.66	0.61	0.75	0.81	0.83	0.95	0.93	0.97	1.10	1.02	8.64
75:	1.23	0.97	0.88	0.53	0.65	0.65	0.76	0.73	1.05	0.96	8.43

76:	0.93	0.81	0.90	1.00	0.90	0.80	0.67	0.73	0.78	0.82	8.34
77:	0.82	1.08	0.95	0.96	1.05	0.99	0.87	0.93	0.98	1.03	9.64
78:	1.01	1.03	1.10	0.71	1.01	0.96	0.96	0.87	0.78	0.74	9.18
79:	0.72	0.64	0.68	0.82	0.74	0.69	0.66	0.65	0.68	0.87	7.16
80:	0.86	0.77	0.76	0.61	0.69	0.72	0.69	0.71	0.75	0.59	7.15
81:	0.53	0.51	0.36	0.23	0.45	0.33	0.31	0.30	0.28	0.19	3.47
82:	0.19	0.19	0.22	0.18	0.12	0.11	0.18	0.13	0.10	0.10	1.52
83:	0.07	0.07	0.05	0.03	0.05	0.08	0.07	0.06	0.03	0.03	0.53
84:	0.03	0.02	0.05	0.02	0.03	0.01	0.00	0.00	0.00	0.00	0.16

Statistics Chart

S447_BGH030008_17062021_194135: Statistics Chart



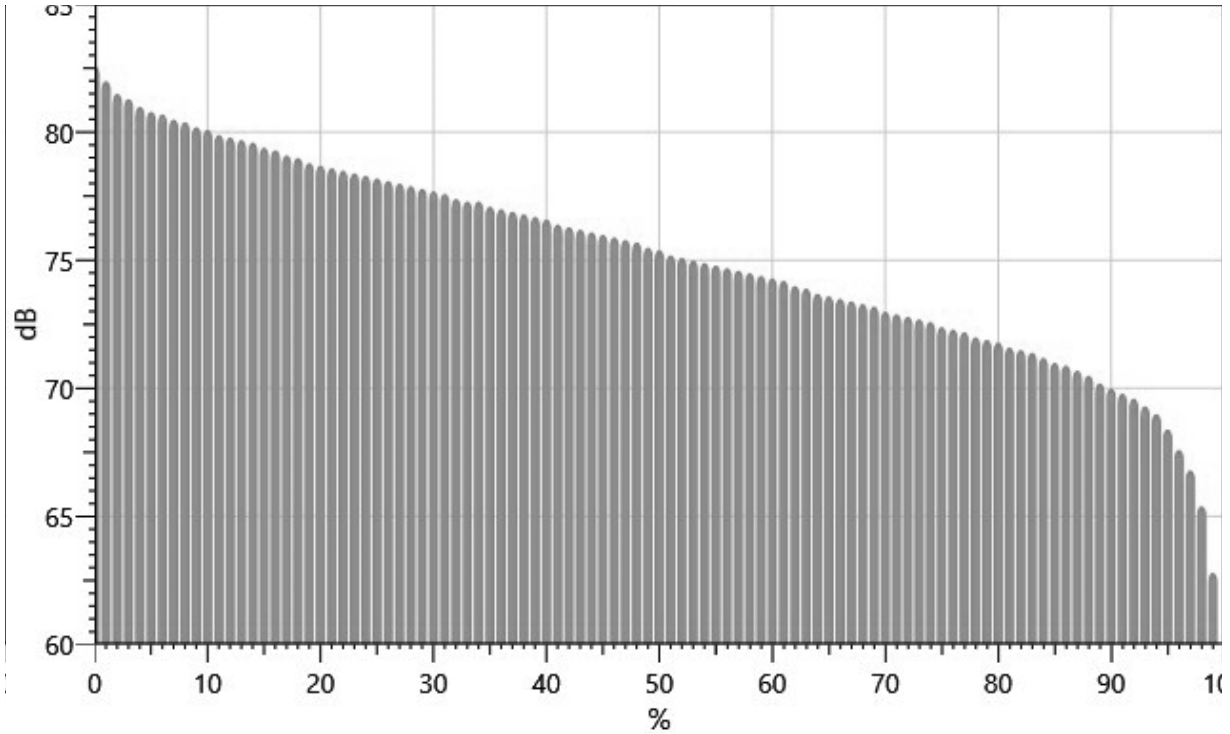
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		82.6	82.0	81.5	81.3	81.0	80.8	80.7	80.5	80.4
10%:	80.2	80.1	79.9	79.8	79.7	79.6	79.4	79.3	79.1	79.0
20%:	78.8	78.7	78.6	78.5	78.4	78.3	78.2	78.1	78.0	77.9
30%:	77.8	77.7	77.6	77.4	77.3	77.3	77.1	77.0	76.9	76.8
40%:	76.7	76.6	76.4	76.3	76.2	76.1	76.0	75.9	75.8	75.7
50%:	75.5	75.4	75.2	75.1	75.0	74.9	74.8	74.7	74.6	74.5

60%:	74.4	74.3	74.2	74.0	73.9	73.7	73.6	73.5	73.4	73.3
70%:	73.2	73.0	72.9	72.8	72.7	72.6	72.4	72.3	72.2	72.0
80%:	71.9	71.8	71.6	71.5	71.4	71.2	71.0	70.9	70.7	70.5
90%:	70.2	70.0	69.8	69.6	69.3	69.0	68.4	67.6	66.8	65.4
100%:	62.8									

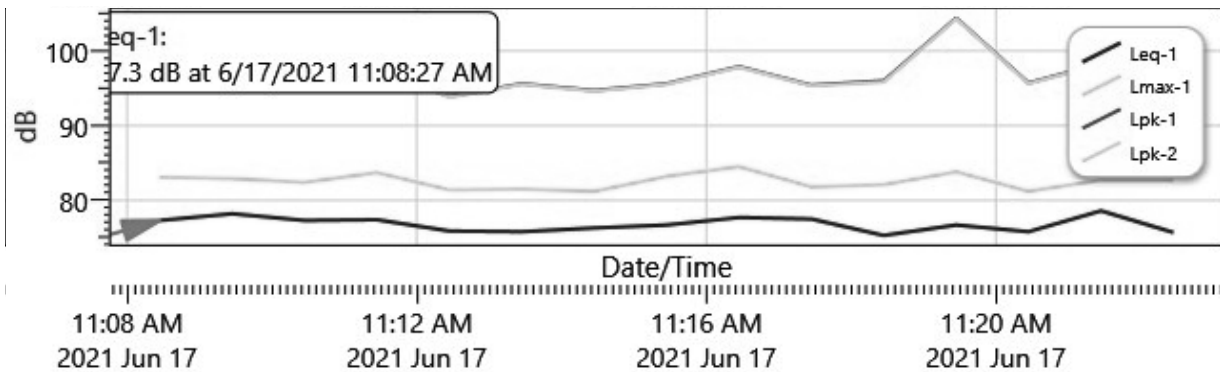
Exceedance Chart

S447_BGH030008_17062021_194135: Exceedance Chart



Logged Data Chart

S447_BGH030008_17062021_194135: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 11:08:27 AM	77.3	83.1	69	98.9
11:09:27 AM	78.2	82.9	71.4	96.9
11:10:27 AM	77.3	82.4	68.2	95.5
11:11:27 AM	77.4	83.7	68.2	97.8
11:12:27 AM	75.9	81.4	67.6	93.9
11:13:27 AM	75.8	81.5	66.6	95.6
11:14:27 AM	76.3	81.2	64.9	94.7
11:15:27 AM	76.7	83.2	65.2	95.6
11:16:27 AM	77.7	84.5	65.8	97.9
11:17:27 AM	77.5	81.8	71.1	95.4
11:18:27 AM	75.3	82.1	66.3	96
11:19:27 AM	76.7	83.8	69.4	104.4
11:20:27 AM	75.8	81.2	64.6	95.7
11:21:27 AM	78.6	82.7	70	98.3
11:22:27 AM	75.7	82.7	62.9	95

Session Report

6/18/2021

Information Panel

Name S015_BHF080013_17062021_200944
Start Time 6/17/2021 11:07:47 AM
Stop Time 6/17/2021 11:22:47 AM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 10' #2 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	71.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

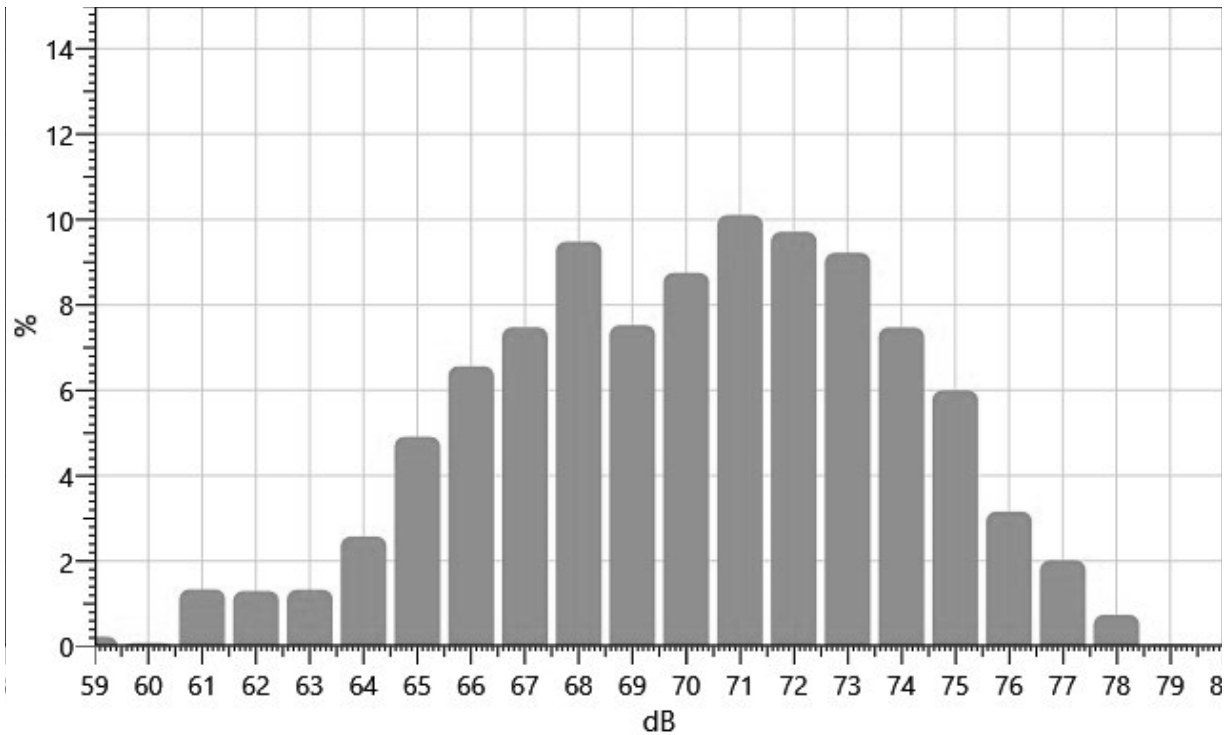
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.01	0.05	0.07	0.02	0.01	0.03	0.01	0.01	0.01	0.23
60:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
61:	0.02	0.20	0.09	0.10	0.08	0.11	0.14	0.15	0.16	0.28	1.34
62:	0.18	0.14	0.13	0.07	0.10	0.15	0.18	0.12	0.10	0.13	1.30
63:	0.13	0.13	0.13	0.13	0.13	0.11	0.11	0.14	0.15	0.15	1.33
64:	0.21	0.26	0.25	0.17	0.25	0.29	0.24	0.28	0.29	0.35	2.57
65:	0.35	0.36	0.46	0.26	0.41	0.43	0.66	0.75	0.69	0.55	4.91
66:	0.53	0.61	0.71	0.60	0.56	0.51	0.66	0.76	0.80	0.81	6.56
67:	0.78	0.64	0.67	0.73	0.68	0.77	0.85	0.70	0.87	0.79	7.48
68:	0.68	0.79	1.01	0.80	1.01	1.03	1.08	0.96	1.25	0.88	9.48
69:	0.93	0.93	0.84	0.69	0.69	0.68	0.66	0.69	0.75	0.66	7.52
70:	0.73	0.80	0.77	0.90	0.85	0.87	1.05	0.93	0.89	0.96	8.75
71:	1.13	1.19	1.24	0.82	1.10	1.04	0.95	0.86	0.89	0.90	10.10
72:	1.04	0.97	1.10	0.87	0.91	0.98	0.96	1.03	0.89	0.97	9.72

73:	1.03	1.07	0.93	0.94	0.86	0.95	0.91	0.93	0.90	0.70	9.22
74:	0.82	0.74	0.78	0.63	0.77	0.72	0.71	0.72	0.74	0.83	7.47
75:	0.73	0.76	0.68	0.63	0.54	0.50	0.52	0.60	0.61	0.44	5.99
76:	0.43	0.47	0.39	0.37	0.23	0.24	0.25	0.27	0.30	0.21	3.15
77:	0.20	0.20	0.25	0.19	0.19	0.24	0.25	0.19	0.15	0.16	2.02
78:	0.20	0.12	0.09	0.10	0.09	0.09	0.03	0.01	0.01	0.01	0.74
79:	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

Statistics Chart

S015_BHF080013_17062021_200944: Statistics Chart



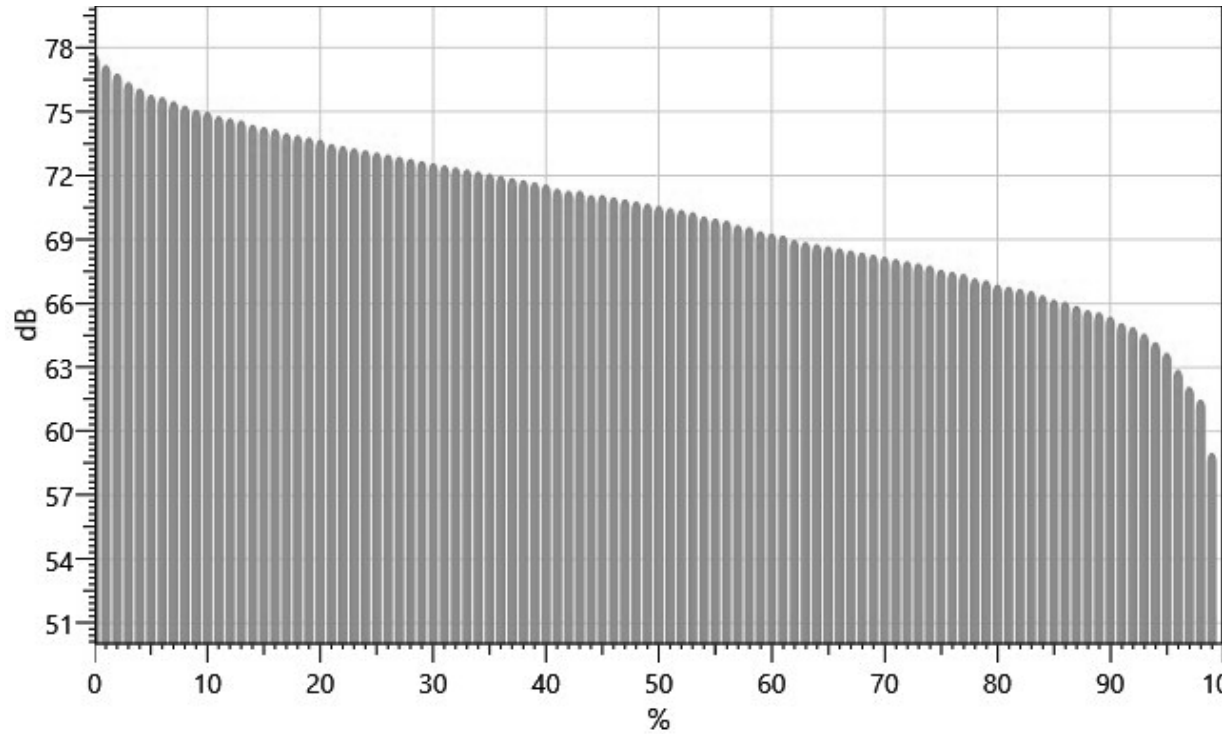
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		77.7	77.2	76.8	76.4	76.1	75.8	75.7	75.5	75.3
10%:	75.1	75.0	74.8	74.7	74.6	74.4	74.3	74.2	74.0	73.9
20%:	73.8	73.7	73.5	73.4	73.3	73.2	73.1	73.0	72.9	72.8
30%:	72.7	72.6	72.5	72.4	72.3	72.2	72.1	72.0	71.9	71.8
40%:	71.7	71.6	71.4	71.3	71.3	71.1	71.1	71.0	70.9	70.8
50%:	70.7	70.6	70.5	70.4	70.3	70.1	70.0	69.9	69.7	69.6
60%:	69.4	69.3	69.2	69.0	68.9	68.8	68.7	68.6	68.5	68.4
70%:	68.3	68.2	68.1	68.0	67.9	67.8	67.6	67.5	67.4	67.2

80%:	67.1	66.9	66.8	66.7	66.6	66.4	66.2	66.1	65.9	65.7
90%:	65.6	65.4	65.1	64.9	64.6	64.2	63.7	62.9	62.1	61.5
100%:	59.0									

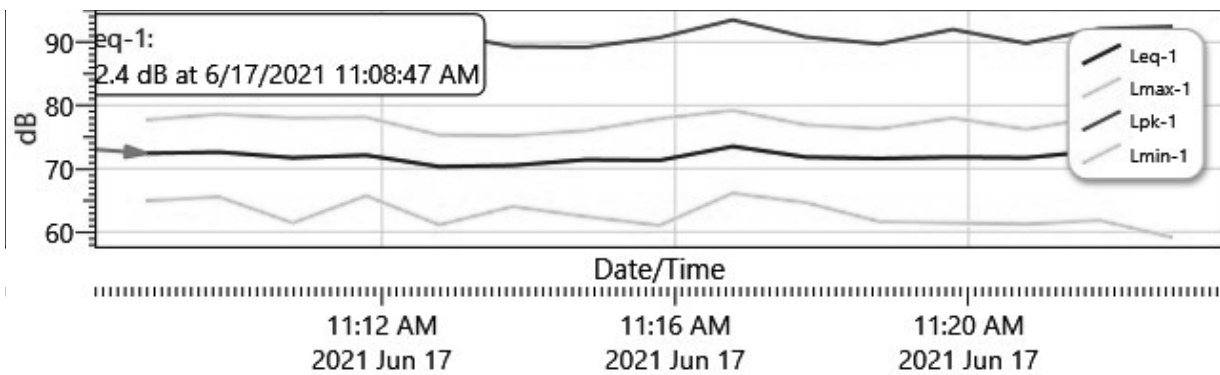
Exceedance Chart

S015_BHF080013_17062021_200944: Exceedance Chart



Logged Data Chart

S015_BHF080013_17062021_200944: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 11:08:47 AM	72.4	77.7	64.9	90.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:09:47 AM	72.6	78.6	65.5	93.1
11:10:47 AM	71.7	78	61.4	90.5
11:11:47 AM	72.1	78.1	65.7	92.2
11:12:47 AM	70.3	75.3	61.1	91.4
11:13:47 AM	70.5	75.2	64	89.3
11:14:47 AM	71.4	76	62.4	89.2
11:15:47 AM	71.3	77.9	61	90.7
11:16:47 AM	73.5	79.2	66.1	93.5
11:17:47 AM	71.8	76.9	64.6	90.8
11:18:47 AM	71.6	76.3	61.6	89.7
11:19:47 AM	71.8	78	61.4	92
11:20:47 AM	71.7	76.2	61.2	89.8
11:21:47 AM	72.8	78.2	61.8	92.1
11:22:47 AM	72.5	77.8	59.1	92.5

Session Report

6/18/2021

Information Panel

Name S038_BIG080015_17062021_202639
Start Time 6/17/2021 11:08:25 AM
Stop Time 6/17/2021 11:23:25 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from fence #2 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	68.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

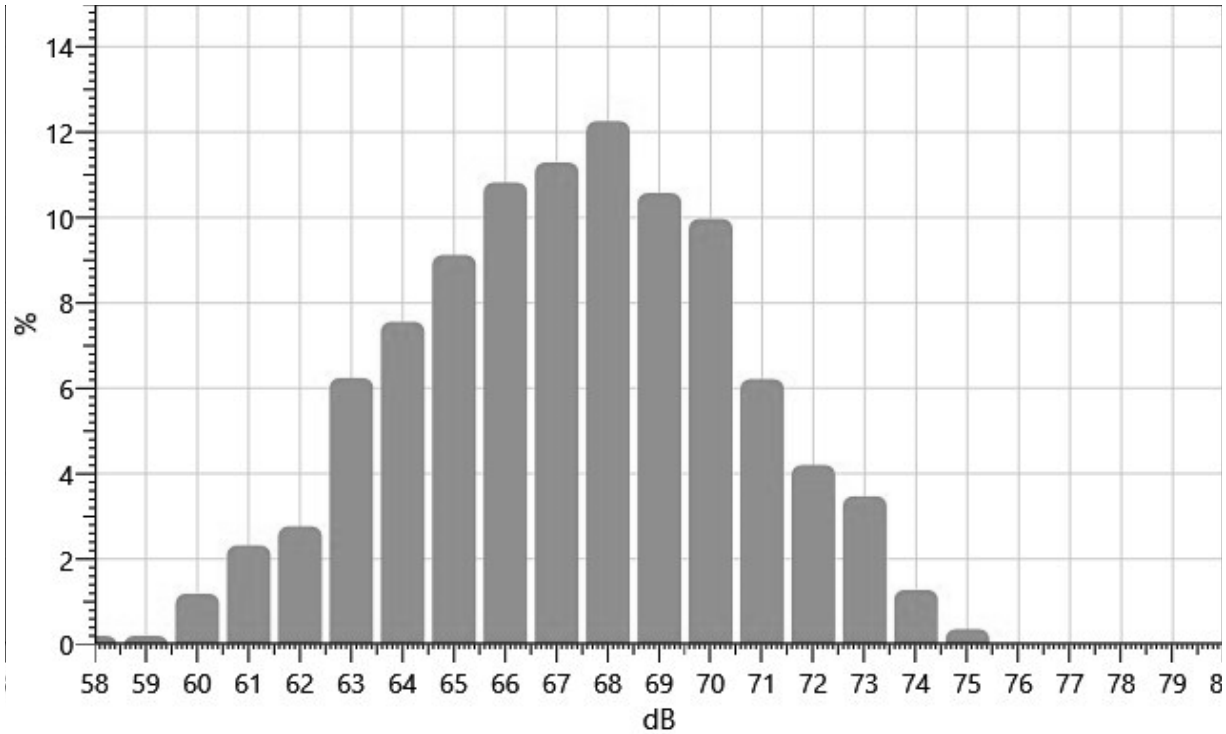
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.00	0.04	0.03	0.02	0.01	0.02	0.02	0.02	0.02	0.01	0.20
59:	0.02	0.01	0.01	0.01	0.01	0.02	0.05	0.02	0.02	0.02	0.20
60:	0.04	0.15	0.11	0.22	0.24	0.14	0.06	0.06	0.06	0.10	1.19
61:	0.11	0.12	0.15	0.11	0.26	0.32	0.28	0.27	0.37	0.33	2.32
62:	0.34	0.23	0.23	0.29	0.26	0.23	0.25	0.32	0.31	0.31	2.76
63:	0.34	0.47	0.53	0.59	0.67	0.73	0.73	0.71	0.74	0.73	6.24
64:	0.63	0.69	0.75	0.90	0.79	0.77	0.70	0.65	0.76	0.92	7.56
65:	0.76	0.74	0.73	0.83	0.82	0.75	1.12	1.35	1.00	1.01	9.12
66:	1.04	0.90	0.81	0.87	1.04	1.51	1.27	1.24	1.12	1.03	10.82
67:	0.94	0.98	1.15	1.10	1.19	1.04	1.29	1.09	1.11	1.41	11.29
68:	1.45	1.62	1.05	1.31	1.20	1.07	1.05	1.05	1.38	1.09	12.26
69:	1.03	1.31	1.11	1.06	1.02	0.91	0.91	1.05	1.13	1.03	10.57
70:	1.10	1.14	1.16	1.06	0.95	0.91	0.81	0.87	0.90	1.06	9.97
71:	0.95	1.08	0.39	0.59	0.51	0.52	0.59	0.49	0.54	0.55	6.21

72:	0.60	0.51	0.44	0.37	0.51	0.36	0.48	0.38	0.30	0.25	4.20
73:	0.39	0.33	0.26	0.26	0.23	0.33	0.39	0.45	0.49	0.34	3.47
74:	0.26	0.23	0.07	0.19	0.07	0.12	0.07	0.11	0.12	0.04	1.27
75:	0.05	0.06	0.08	0.09	0.01	0.01	0.01	0.02	0.02	0.01	0.36
76:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Statistics Chart

S038_BIG080015_17062021_202639: Statistics Chart



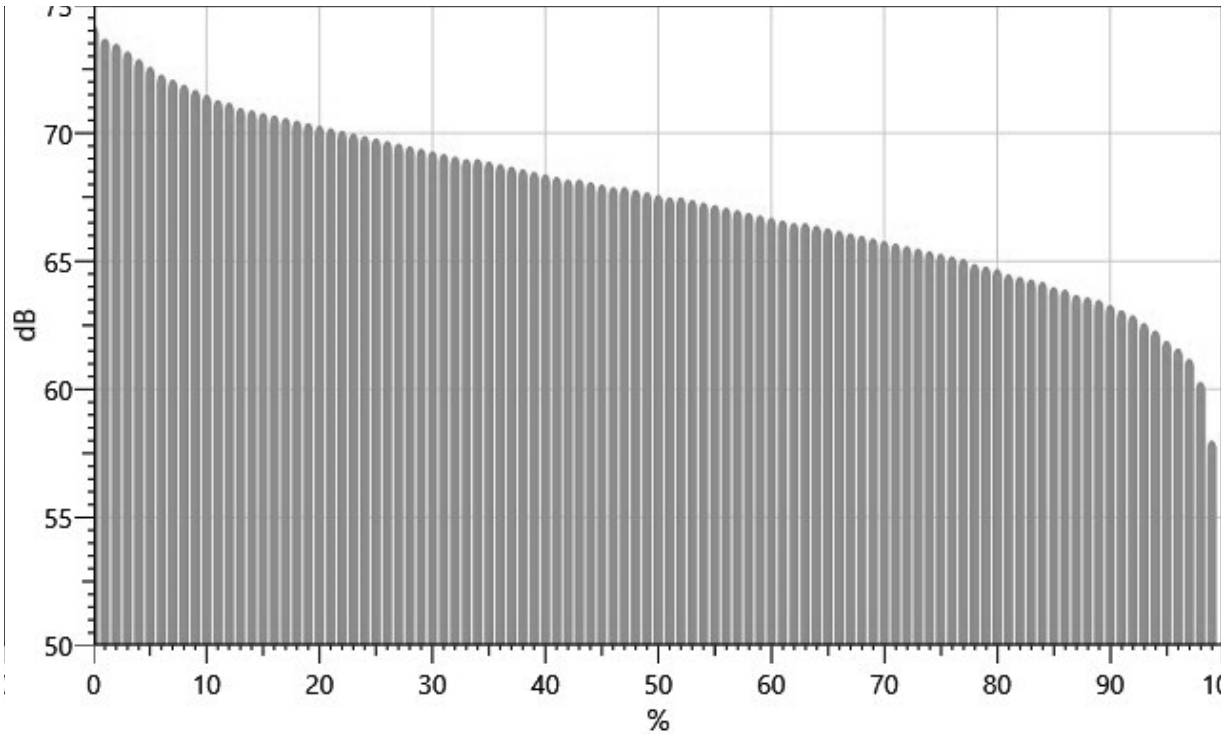
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		74.2	73.7	73.5	73.2	72.9	72.6	72.3	72.1	71.9
10%:	71.7	71.5	71.3	71.2	71.0	70.9	70.8	70.7	70.6	70.5
20%:	70.4	70.3	70.2	70.1	70.0	69.9	69.8	69.7	69.6	69.5
30%:	69.4	69.3	69.2	69.1	69.0	69.0	68.9	68.8	68.7	68.6
40%:	68.5	68.4	68.3	68.2	68.2	68.1	68.0	67.9	67.9	67.8
50%:	67.7	67.6	67.5	67.5	67.4	67.3	67.2	67.1	67.0	66.9
60%:	66.8	66.7	66.6	66.5	66.5	66.4	66.3	66.2	66.1	66.0
70%:	65.9	65.8	65.7	65.6	65.5	65.4	65.3	65.2	65.1	64.9
80%:	64.8	64.7	64.5	64.4	64.3	64.2	64.0	63.9	63.7	63.6
90%:	63.5	63.3	63.1	62.9	62.6	62.3	61.9	61.6	61.2	60.3

100%: 58.0

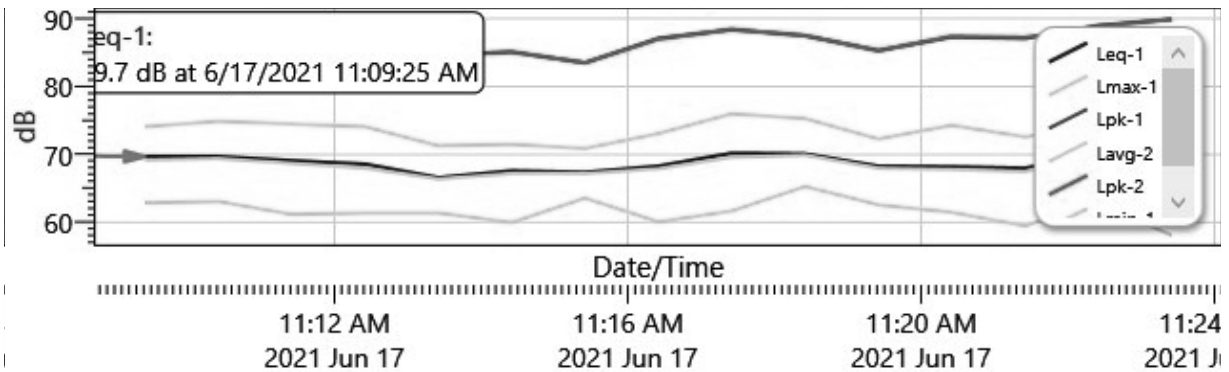
Exceedance Chart

S038_BIG080015_17062021_202639: Exceedance Chart



Logged Data Chart

S038_BIG080015_17062021_202639: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 11:09:25 AM	69.7	74.1	62.9	90.1
11:10:25 AM	69.7	74.9	63.1	88.4
11:11:25 AM	69.1	74.5	61.2	87.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:12:25 AM	68.6	74.1	61.4	87.7
11:13:25 AM	66.6	71.3	61.4	84.6
11:14:25 AM	67.6	71.5	60	85.1
11:15:25 AM	67.4	70.9	63.6	83.5
11:16:25 AM	68.3	73.1	60.1	87.1
11:17:25 AM	70.2	76	61.7	88.4
11:18:25 AM	70.1	75.3	65.3	87.5
11:19:25 AM	68.3	72.3	62.6	85.3
11:20:25 AM	68.2	74.3	61.5	87.3
11:21:25 AM	68	72.6	59.5	87.1
11:22:25 AM	70.1	74.3	63.1	89
11:23:25 AM	68.5	74.7	58.1	89.9

Session Report

6/18/2021

Information Panel

Name S011_BIF090005_17062021_204237
Start Time 6/17/2021 11:05:29 AM
Stop Time 6/17/2021 11:20:29 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from fence #2 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	67.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

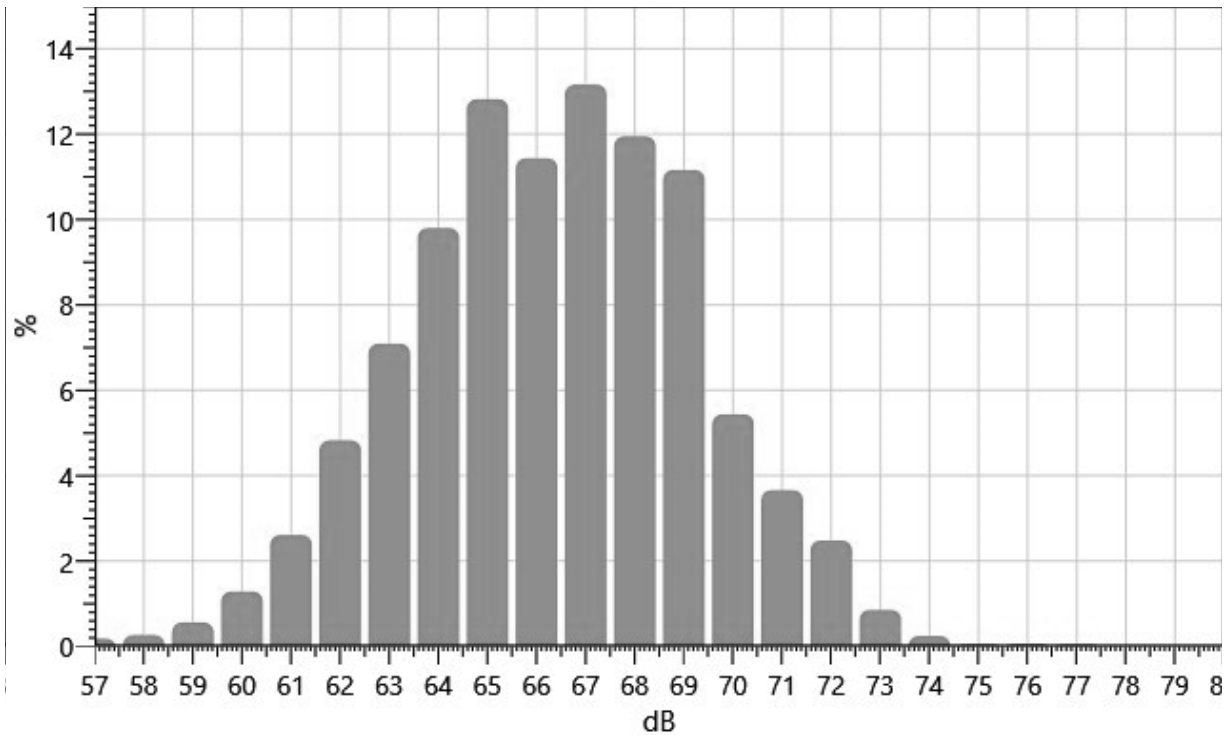
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.00	0.00	0.03	0.08	0.02	0.02	0.01	0.01	0.01	0.18
58:	0.01	0.01	0.01	0.03	0.06	0.05	0.03	0.02	0.03	0.02	0.27
59:	0.03	0.02	0.03	0.03	0.06	0.07	0.06	0.08	0.14	0.03	0.56
60:	0.04	0.07	0.13	0.11	0.17	0.16	0.15	0.16	0.16	0.14	1.29
61:	0.16	0.19	0.24	0.24	0.26	0.24	0.29	0.27	0.32	0.40	2.61
62:	0.56	0.49	0.44	0.61	0.56	0.50	0.44	0.41	0.40	0.42	4.83
63:	0.56	0.83	0.46	0.63	0.53	0.65	0.98	0.85	0.86	0.75	7.09
64:	1.06	0.97	0.86	1.06	1.20	0.95	0.83	0.96	0.97	0.92	9.80
65:	0.88	1.08	1.40	1.53	1.26	1.25	1.28	1.36	1.31	1.47	12.82
66:	1.50	1.24	0.87	1.18	1.07	1.03	1.02	1.14	1.21	1.18	11.44
67:	1.27	1.35	1.34	1.19	1.04	1.12	1.66	1.49	1.42	1.28	13.16
68:	1.10	1.05	1.14	1.12	0.98	1.12	1.20	1.29	1.43	1.51	11.95
69:	1.70	1.57	1.17	1.23	1.23	0.95	0.99	0.99	0.71	0.62	11.16
70:	0.59	0.61	0.64	0.91	0.61	0.48	0.65	0.40	0.28	0.26	5.44

71:	0.26	0.27	0.36	0.35	0.45	0.42	0.37	0.38	0.41	0.40	3.66
72:	0.30	0.31	0.31	0.17	0.21	0.18	0.15	0.34	0.35	0.17	2.48
73:	0.19	0.11	0.07	0.09	0.07	0.07	0.05	0.07	0.07	0.05	0.85
74:	0.04	0.07	0.07	0.04	0.01	0.01	0.00	0.01	0.00	0.01	0.24
75:	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.05
76:	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.06
77:	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S011_BIF090005_17062021_204237: Statistics Chart



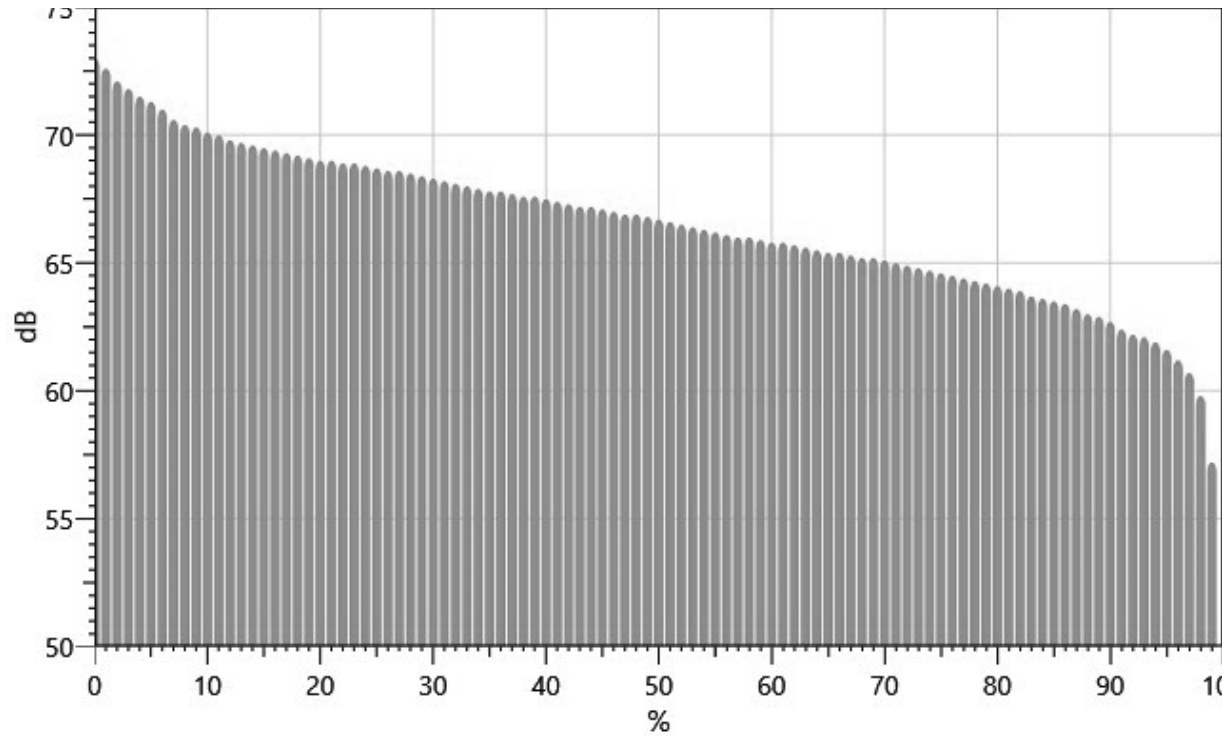
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		73.0	72.6	72.1	71.8	71.5	71.3	71.0	70.6	70.4
10%:	70.3	70.1	70.0	69.8	69.7	69.6	69.5	69.4	69.3	69.2
20%:	69.1	69.0	69.0	68.9	68.9	68.8	68.7	68.6	68.6	68.5
30%:	68.4	68.3	68.2	68.1	68.0	67.9	67.8	67.8	67.7	67.6
40%:	67.6	67.5	67.4	67.3	67.2	67.2	67.1	67.0	66.9	66.9
50%:	66.8	66.7	66.6	66.5	66.4	66.3	66.2	66.1	66.0	66.0
60%:	65.9	65.8	65.8	65.7	65.6	65.5	65.4	65.4	65.3	65.2
70%:	65.2	65.1	65.0	64.9	64.8	64.7	64.6	64.5	64.4	64.3

80%:	64.2	64.1	64.0	63.9	63.7	63.6	63.5	63.4	63.2	63.0
90%:	62.9	62.7	62.4	62.2	62.1	61.9	61.6	61.2	60.7	59.8
100%:	57.2									

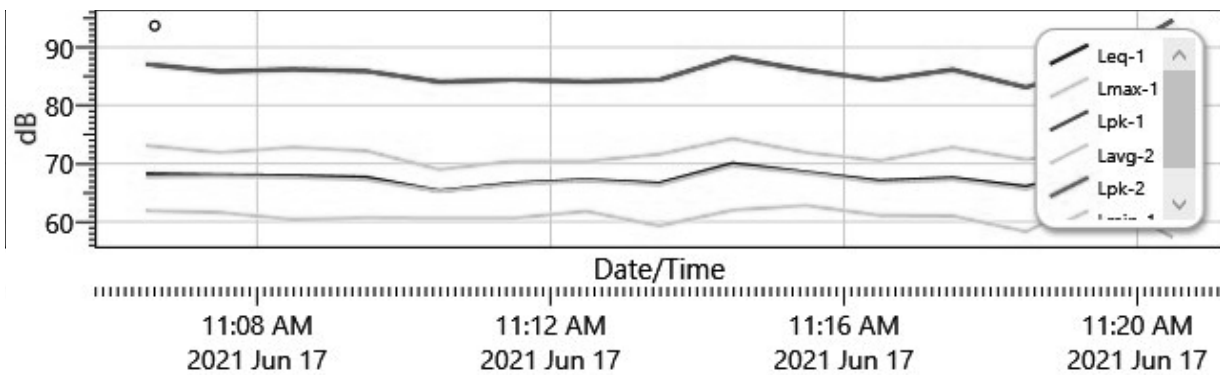
Exceedance Chart

S011_BIF090005_17062021_204237: Exceedance Chart



Logged Data Chart

S011_BIF090005_17062021_204237: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 11:06:29 AM	68.2	73.1	61.9	87.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:07:29 AM	68	71.9	61.6	85.9
11:08:29 AM	67.9	72.8	60.4	86.2
11:09:29 AM	67.6	72.2	60.7	85.9
11:10:29 AM	65.3	69	60.6	84.1
11:11:29 AM	66.6	70.4	60.6	84.4
11:12:29 AM	67.2	70.4	61.8	84.1
11:13:29 AM	66.6	71.6	59.3	84.4
11:14:29 AM	70	74.3	62	88.3
11:15:29 AM	68.5	71.9	62.8	86.1
11:16:29 AM	67	70.5	61.1	84.4
11:17:29 AM	67.5	72.8	61	86.2
11:18:29 AM	66	70.7	58.3	83.1
11:19:29 AM	69.1	72.5	64.4	87.2
11:20:29 AM	68.3	77.3	57.3	94.7

Session Report

6/18/2021

Information Panel

Name S012_BIH050004_17062021_205938
Start Time 6/17/2021 11:07:23 AM
Stop Time 6/17/2021 11:22:23 AM
Device Name BIH050004
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 200' from fence #2 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	76.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	IMPULSE			

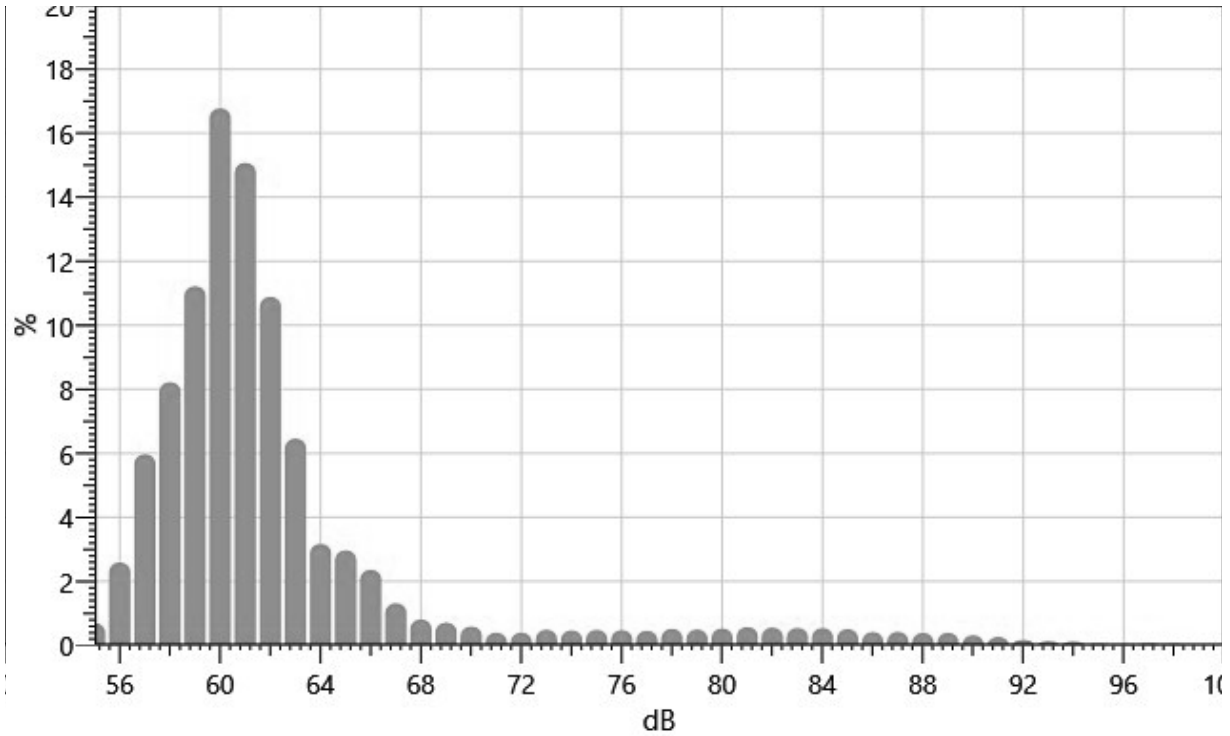
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.03	0.06	0.11	0.16	0.16	0.18	0.69
56:	0.17	0.25	0.28	0.24	0.26	0.31	0.22	0.26	0.24	0.36	2.59
57:	0.45	0.52	0.63	0.67	0.82	0.82	0.82	0.44	0.39	0.42	5.97
58:	0.50	0.50	0.40	0.92	0.93	0.87	0.96	1.13	1.08	0.92	8.22
59:	1.17	1.08	1.10	0.93	0.95	1.18	1.09	1.09	1.37	1.27	11.22
60:	1.13	1.46	1.40	1.86	1.72	1.64	1.80	1.76	1.95	2.05	16.77
61:	1.87	2.23	1.02	1.71	1.83	1.44	1.25	1.29	1.34	1.09	15.07
62:	0.94	1.11	1.31	1.18	1.03	1.24	1.05	1.07	0.92	1.03	10.89
63:	0.93	0.83	0.91	0.89	0.76	0.42	0.42	0.37	0.45	0.47	6.46
64:	0.39	0.37	0.21	0.33	0.32	0.39	0.26	0.29	0.33	0.29	3.17
65:	0.38	0.35	0.27	0.27	0.40	0.27	0.26	0.26	0.26	0.26	2.97
66:	0.35	0.28	0.21	0.29	0.31	0.20	0.12	0.15	0.22	0.22	2.36
67:	0.14	0.16	0.11	0.21	0.18	0.12	0.13	0.09	0.09	0.09	1.32
68:	0.18	0.09	0.09	0.09	0.08	0.07	0.05	0.05	0.06	0.06	0.81

69:	0.07	0.10	0.09	0.06	0.06	0.06	0.08	0.07	0.06	0.06	0.71
70:	0.06	0.06	0.04	0.05	0.06	0.07	0.06	0.07	0.07	0.06	0.59
71:	0.06	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.03	0.39
72:	0.04	0.03	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.05	0.40
73:	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.49
74:	0.05	0.04	0.05	0.05	0.05	0.05	0.04	0.05	0.04	0.05	0.47
75:	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.06	0.05	0.05	0.48
76:	0.05	0.06	0.03	0.05	0.05	0.05	0.04	0.05	0.04	0.05	0.47
77:	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.45
78:	0.04	0.05	0.05	0.05	0.05	0.06	0.05	0.06	0.05	0.05	0.51
79:	0.05	0.06	0.04	0.04	0.05	0.05	0.05	0.06	0.04	0.06	0.49
80:	0.05	0.06	0.05	0.06	0.05	0.06	0.05	0.06	0.05	0.06	0.52
81:	0.05	0.06	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.57
82:	0.06	0.06	0.06	0.03	0.06	0.06	0.05	0.06	0.06	0.05	0.56
83:	0.06	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.54
84:	0.05	0.06	0.05	0.05	0.05	0.06	0.05	0.06	0.05	0.05	0.54
85:	0.06	0.05	0.06	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.51
86:	0.05	0.05	0.04	0.04	0.04	0.04	0.05	0.03	0.04	0.03	0.41
87:	0.04	0.04	0.04	0.03	0.04	0.04	0.05	0.05	0.05	0.04	0.42
88:	0.04	0.04	0.04	0.02	0.03	0.04	0.04	0.05	0.05	0.05	0.39
89:	0.04	0.05	0.05	0.04	0.03	0.05	0.03	0.04	0.03	0.03	0.39
90:	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.32
91:	0.03	0.03	0.03	0.02	0.03	0.02	0.03	0.02	0.03	0.02	0.26
92:	0.03	0.02	0.02	0.02	0.01	0.02	0.02	0.01	0.01	0.01	0.17
93:	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.13
94:	0.01	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.12
95:	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.05
96:	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.04
97:	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.06
98:	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.04
99:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Statistics Chart

S012_BIH050004_17062021_205938: Statistics Chart

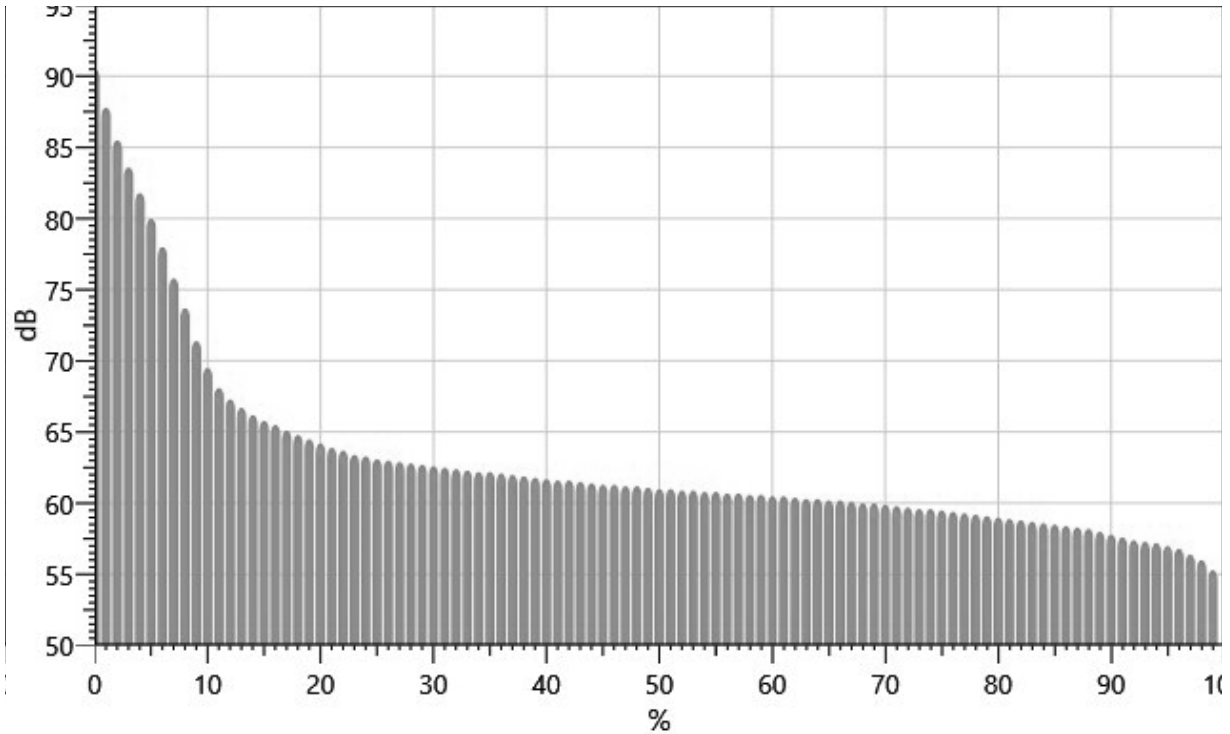


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		90.5	87.8	85.5	83.6	81.8	80.0	78.0	75.8	73.7
10%:	71.4	69.5	68.1	67.3	66.7	66.2	65.8	65.5	65.1	64.8
20%:	64.5	64.2	63.9	63.7	63.4	63.3	63.1	63.0	62.9	62.8
30%:	62.7	62.6	62.5	62.4	62.3	62.2	62.2	62.1	62.0	61.9
40%:	61.8	61.7	61.6	61.6	61.5	61.4	61.3	61.3	61.2	61.2
50%:	61.1	61.0	61.0	60.9	60.9	60.8	60.8	60.7	60.7	60.6
60%:	60.6	60.5	60.5	60.4	60.3	60.3	60.2	60.2	60.1	60.0
70%:	60.0	59.9	59.8	59.7	59.6	59.6	59.5	59.4	59.3	59.2
80%:	59.1	59.0	58.9	58.8	58.7	58.6	58.5	58.4	58.3	58.2
90%:	58.0	57.8	57.6	57.4	57.3	57.2	57.0	56.8	56.4	56.0
100%:	55.3									

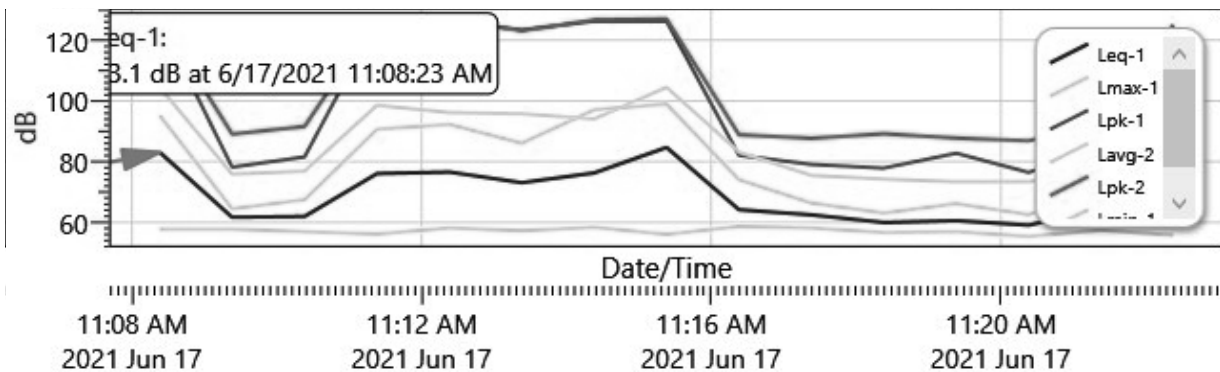
Exceedance Chart

S012_BIH050004_17062021_205938: Exceedance Chart



Logged Data Chart

S012_BIH050004_17062021_205938: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 11:08:23 AM	83.1	95.2	57.8	126.3
11:09:23 AM	61.7	64.5	57.8	78.2
11:10:23 AM	62	67.5	57	81.6
11:11:23 AM	76.1	90.7	56.2	126.2
11:12:23 AM	76.6	92.3	58.2	126.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:13:23 AM	73.1	86.1	57.3	123.4
11:14:23 AM	76.3	97.1	58.4	126.3
11:15:23 AM	84.7	99	56.1	126.3
11:16:23 AM	64.2	74.1	58.7	82.1
11:17:23 AM	62.5	66.4	58.2	79.1
11:18:23 AM	60	63.1	56.7	77.9
11:19:23 AM	60.6	66.2	57	82.8
11:20:23 AM	59.1	62.6	55.4	76.5
11:21:23 AM	64.5	71	57.5	84
11:22:23 AM	76.2	90.9	55.8	124.5

Session Report

6/17/2021

Information Panel

Name S448_BGH030008_17062021_194136
Start Time 6/17/2021 12:57:55 PM
Stop Time 6/17/2021 1:12:55 PM
Device Name BGH030008
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 1 TOW #3 Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	76.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

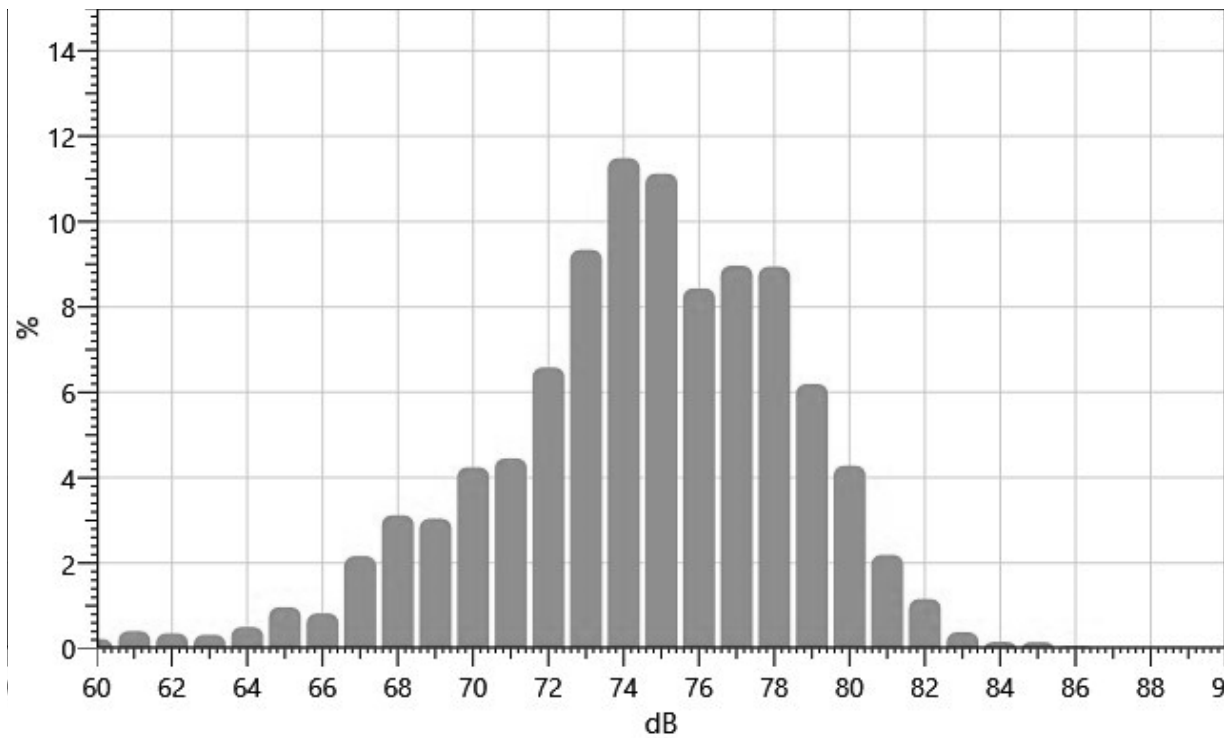
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
60:	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.04	0.09	0.03	0.22
61:	0.03	0.08	0.06	0.05	0.03	0.03	0.04	0.03	0.02	0.04	0.40
62:	0.05	0.02	0.03	0.02	0.02	0.02	0.09	0.04	0.03	0.02	0.35
63:	0.02	0.02	0.02	0.02	0.06	0.06	0.06	0.03	0.02	0.02	0.32
64:	0.02	0.03	0.07	0.09	0.07	0.03	0.03	0.09	0.03	0.04	0.50
65:	0.04	0.03	0.04	0.03	0.06	0.11	0.09	0.16	0.14	0.27	0.97
66:	0.10	0.12	0.06	0.08	0.08	0.09	0.07	0.08	0.07	0.07	0.82
67:	0.08	0.09	0.16	0.33	0.18	0.18	0.22	0.32	0.29	0.31	2.16
68:	0.25	0.27	0.26	0.30	0.35	0.27	0.33	0.40	0.33	0.36	3.12
69:	0.35	0.35	0.24	0.26	0.27	0.31	0.32	0.34	0.33	0.28	3.04
70:	0.22	0.35	0.37	0.50	0.56	0.54	0.48	0.42	0.41	0.40	4.24
71:	0.47	0.44	0.38	0.37	0.31	0.37	0.43	0.52	0.57	0.59	4.45
72:	0.51	0.56	0.50	0.30	0.60	0.66	0.67	0.88	0.85	1.06	6.58
73:	0.95	0.89	0.92	0.98	0.92	0.93	0.89	0.95	0.99	0.91	9.34

74:	0.83	0.96	1.09	1.20	1.14	1.16	1.12	1.36	1.26	1.36	11.48
75:	1.39	1.33	1.17	0.89	1.05	1.22	1.05	1.01	1.07	0.95	11.12
76:	0.97	0.87	0.75	0.83	0.90	0.80	0.75	0.80	0.77	0.99	8.43
77:	0.95	1.05	0.91	0.85	0.88	0.84	0.74	0.85	0.92	0.97	8.96
78:	0.88	0.88	1.05	0.63	0.94	0.86	0.92	0.95	0.91	0.92	8.94
79:	0.76	0.73	0.77	0.71	0.68	0.50	0.48	0.48	0.52	0.56	6.19
80:	0.50	0.39	0.44	0.35	0.37	0.44	0.51	0.37	0.40	0.50	4.28
81:	0.41	0.37	0.30	0.20	0.25	0.16	0.12	0.15	0.13	0.10	2.19
82:	0.08	0.07	0.13	0.12	0.11	0.14	0.15	0.13	0.12	0.09	1.16
83:	0.07	0.04	0.05	0.04	0.04	0.03	0.02	0.02	0.02	0.04	0.38
84:	0.02	0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.15
85:	0.01	0.02	0.02	0.02	0.03	0.02	0.01	0.00	0.01	0.01	0.15
86:	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S448_BGH030008_17062021_194136: Statistics Chart



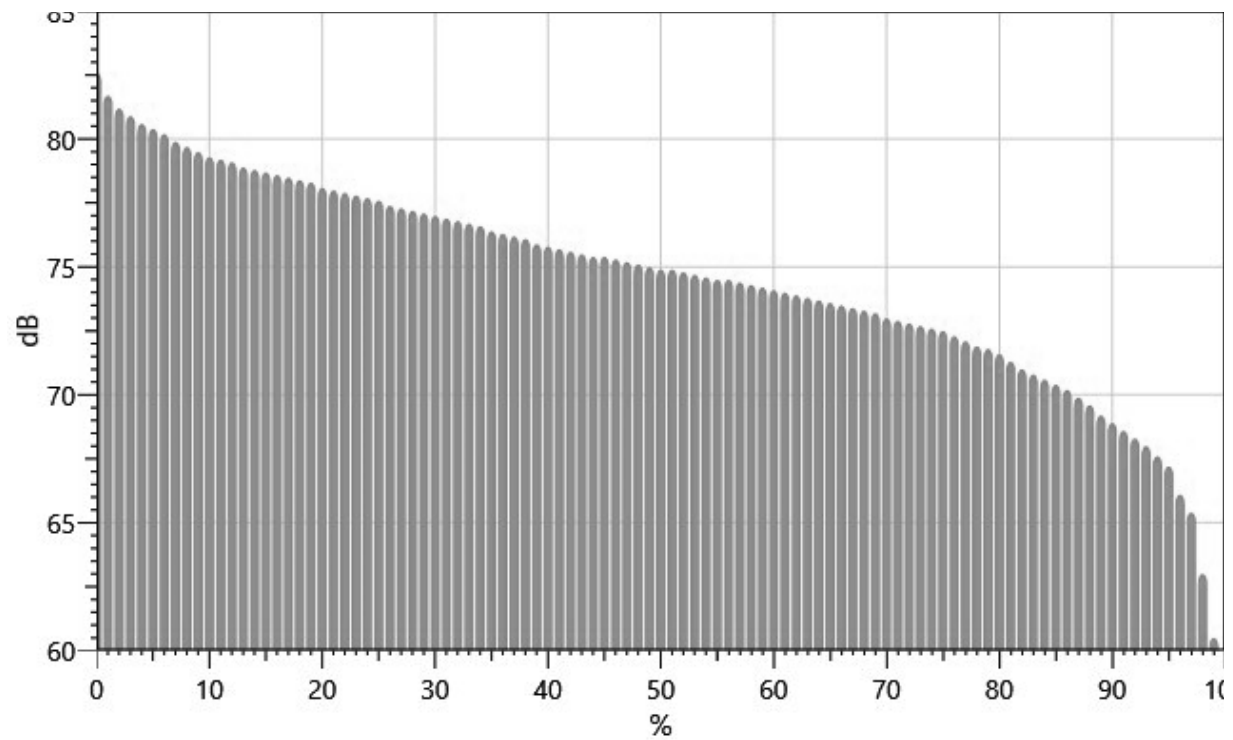
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		82.6	81.7	81.2	80.9	80.6	80.4	80.2	79.9	79.7
10%:	79.5	79.3	79.2	79.1	78.9	78.8	78.7	78.6	78.5	78.4

20%:	78.3	78.1	78.0	77.9	77.8	77.7	77.6	77.4	77.3	77.2
30%:	77.1	77.0	76.9	76.8	76.7	76.6	76.4	76.3	76.2	76.1
40%:	75.9	75.8	75.7	75.6	75.5	75.4	75.4	75.3	75.2	75.1
50%:	75.0	74.9	74.9	74.8	74.7	74.6	74.5	74.5	74.4	74.3
60%:	74.2	74.1	74.0	73.9	73.8	73.7	73.6	73.5	73.4	73.3
70%:	73.2	73.0	72.9	72.8	72.7	72.6	72.5	72.3	72.1	71.9
80%:	71.8	71.6	71.3	71.0	70.8	70.6	70.4	70.2	69.9	69.6
90%:	69.2	68.9	68.6	68.3	68.0	67.6	67.2	66.1	65.4	63.0
100%:	60.5									

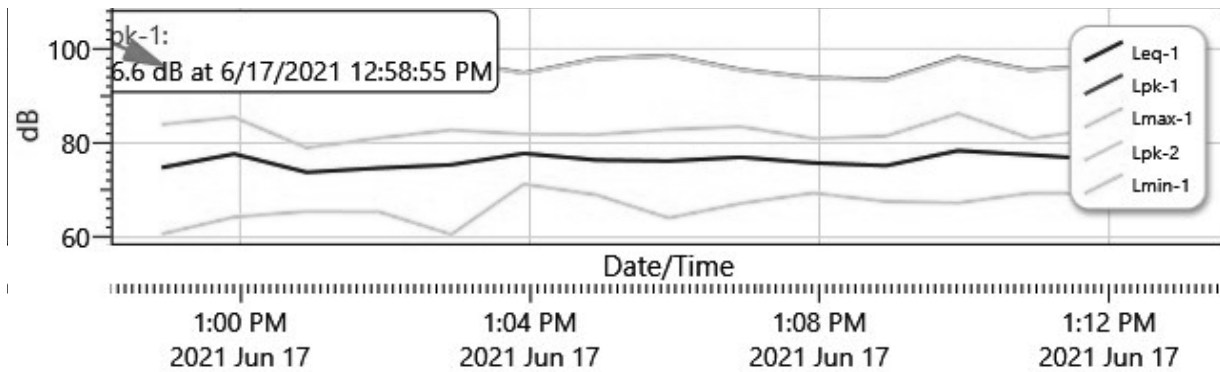
Exceedance Chart

S448_BGH030008_17062021_194136: Exceedance Chart



Logged Data Chart

S448_BGH030008_17062021_194136: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 12:58:55 PM	74.8	84	60.7	96.6
12:59:55 PM	77.7	85.5	64.3	106.8
1:00:55 PM	73.8	79	65.5	91.9
1:01:55 PM	74.7	81.1	65.4	93.8
1:02:55 PM	75.4	82.8	60.6	97.5
1:03:55 PM	77.8	81.9	71.3	94.9
1:04:55 PM	76.4	81.8	69	97.9
1:05:55 PM	76.2	82.9	64.1	98.6
1:06:55 PM	77	83.5	67.2	95.6
1:07:55 PM	75.8	81	69.4	93.9
1:08:55 PM	75.2	81.5	67.6	93.5
1:09:55 PM	78.4	86.3	67.3	98.3
1:10:55 PM	77.5	81	69.4	95.5
1:11:55 PM	76.5	83.1	69.3	96.7
1:12:55 PM	76.9	81.7	68.6	99.5

Session Report

6/18/2021

Information Panel

Name S016_BHF080013_17062021_200945
Start Time 6/17/2021 12:58:24 PM
Stop Time 6/17/2021 1:13:24 PM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 10' from Fence #3 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	73 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

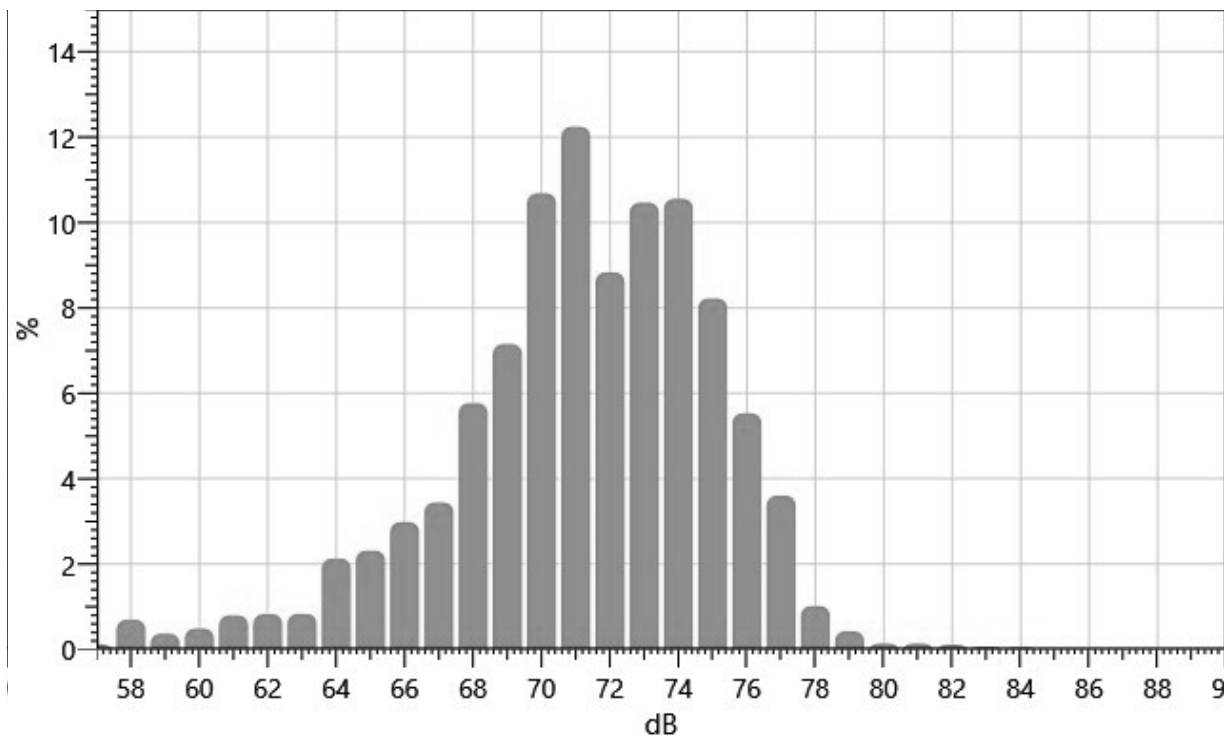
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.03	0.03	0.12
58:	0.05	0.02	0.04	0.04	0.13	0.09	0.12	0.12	0.04	0.05	0.70
59:	0.03	0.02	0.03	0.08	0.03	0.03	0.04	0.03	0.03	0.04	0.37
60:	0.06	0.08	0.09	0.05	0.04	0.04	0.03	0.03	0.03	0.03	0.49
61:	0.04	0.05	0.10	0.13	0.10	0.06	0.07	0.06	0.11	0.07	0.80
62:	0.05	0.05	0.07	0.07	0.13	0.13	0.07	0.08	0.12	0.07	0.83
63:	0.06	0.10	0.08	0.07	0.08	0.10	0.09	0.09	0.08	0.08	0.83
64:	0.16	0.20	0.22	0.21	0.15	0.19	0.23	0.24	0.28	0.26	2.13
65:	0.21	0.23	0.30	0.23	0.24	0.19	0.19	0.23	0.29	0.20	2.31
66:	0.19	0.26	0.30	0.30	0.41	0.35	0.28	0.32	0.32	0.25	2.98
67:	0.29	0.29	0.37	0.33	0.41	0.27	0.34	0.35	0.36	0.43	3.44
68:	0.56	0.69	0.75	0.51	0.62	0.47	0.48	0.55	0.59	0.55	5.77
69:	0.63	0.80	0.77	0.74	0.58	0.64	0.64	0.71	0.81	0.85	7.15
70:	0.85	0.80	0.85	0.94	1.23	1.10	1.17	1.40	1.24	1.12	10.69

71:	1.22	1.34	1.23	0.86	1.28	1.25	1.36	1.39	1.16	1.17	12.24
72:	1.12	1.02	0.79	0.81	0.79	0.73	0.67	0.83	0.99	1.08	8.83
73:	1.05	0.88	0.94	0.93	0.99	0.99	0.99	1.02	1.36	1.30	10.47
74:	1.22	1.12	1.30	0.73	1.05	1.09	1.00	0.94	1.04	1.09	10.56
75:	0.98	1.06	0.87	1.00	0.86	0.78	0.76	0.63	0.62	0.66	8.22
76:	0.67	0.70	0.73	0.57	0.48	0.47	0.47	0.55	0.45	0.45	5.53
77:	0.50	0.44	0.45	0.30	0.33	0.31	0.36	0.37	0.31	0.25	3.60
78:	0.26	0.23	0.15	0.07	0.11	0.05	0.05	0.04	0.03	0.03	1.02
79:	0.02	0.04	0.04	0.05	0.06	0.08	0.07	0.03	0.01	0.02	0.43
80:	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.14
81:	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.14
82:	0.02	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.11
83:	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.07
84:	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S016_BHF080013_17062021_200945: Statistics Chart



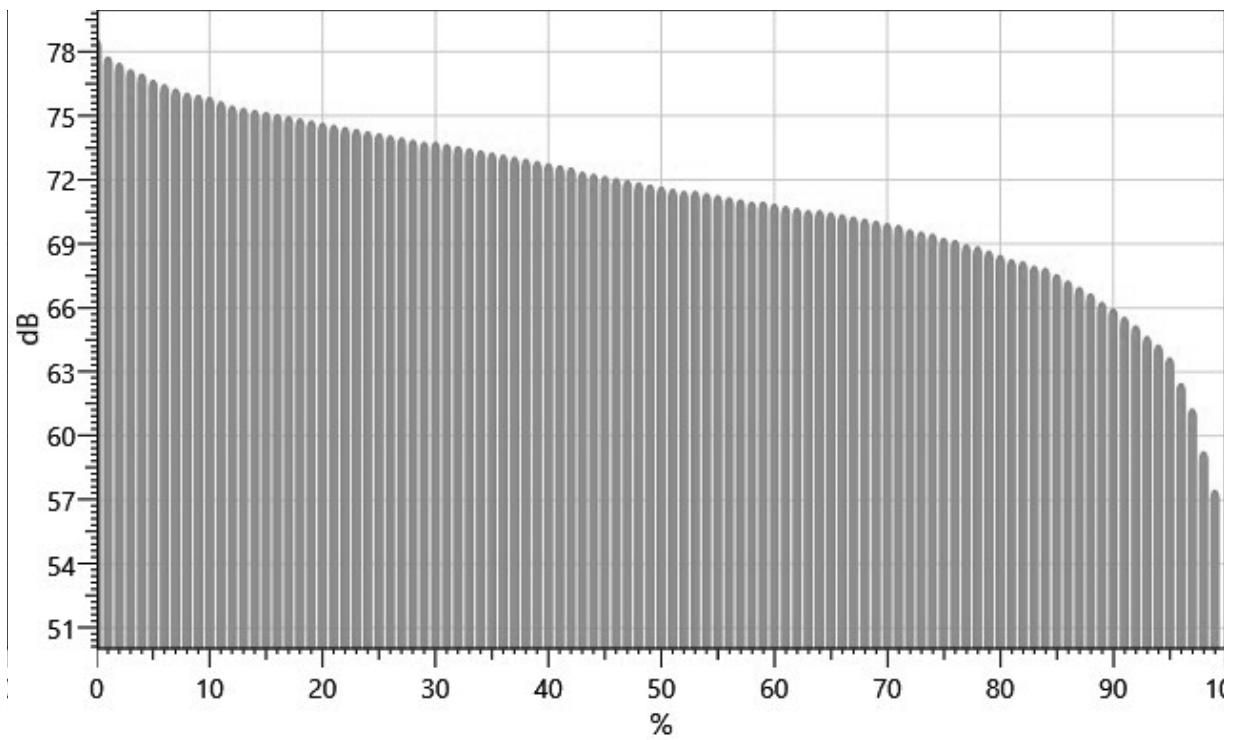
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		78.6	77.8	77.5	77.2	77.0	76.7	76.5	76.3	76.1

10%:	76.0	75.9	75.7	75.5	75.4	75.3	75.2	75.1	75.0	74.9
20%:	74.8	74.7	74.6	74.5	74.4	74.3	74.2	74.1	74.0	73.9
30%:	73.8	73.8	73.7	73.6	73.5	73.4	73.3	73.2	73.1	73.0
40%:	72.9	72.8	72.7	72.6	72.4	72.3	72.2	72.1	72.0	71.9
50%:	71.8	71.7	71.6	71.5	71.5	71.4	71.3	71.2	71.1	71.0
60%:	71.0	70.9	70.8	70.7	70.6	70.6	70.5	70.4	70.3	70.2
70%:	70.1	70.0	69.9	69.7	69.6	69.5	69.3	69.2	69.0	68.9
80%:	68.7	68.5	68.3	68.2	68.0	67.9	67.6	67.3	67.0	66.7
90%:	66.3	66.0	65.6	65.2	64.7	64.3	63.7	62.5	61.3	59.3
100%:	57.5									

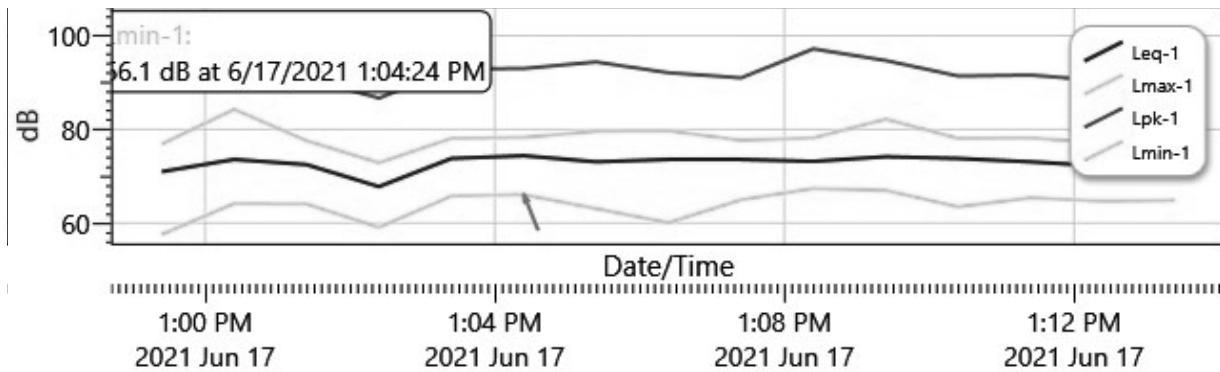
Exceedance Chart

S016_BHF080013_17062021_200945: Exceedance Chart



Logged Data Chart

S016_BHF080013_17062021_200945: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 12:59:24 PM	71	76.9	57.6	90.5
1:00:24 PM	73.6	84.3	64.2	104
1:01:24 PM	72.5	77.6	64.1	90.9
1:02:24 PM	67.8	72.9	59.1	86.7
1:03:24 PM	73.8	78.1	65.8	92.9
1:04:24 PM	74.4	78.3	66.1	93
1:05:24 PM	73.1	79.6	63.1	94.4
1:06:24 PM	73.6	79.7	60.1	92.1
1:07:24 PM	73.6	77.7	65	91
1:08:24 PM	73.2	78.2	67.4	97.2
1:09:24 PM	74.2	82.2	67	94.7
1:10:24 PM	73.8	78.1	63.5	91.4
1:11:24 PM	73.1	78.2	65.4	91.6
1:12:24 PM	72.2	77.1	64.7	90.4
1:13:24 PM	73.1	77.1	64.9	91.2

Session Report

6/18/2021

Information Panel

Name S039_BIG080015_17062021_202640
Start Time 6/17/2021 12:58:50 PM
Stop Time 6/17/2021 1:13:50 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments meter 3 50' from fence #3 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	69.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

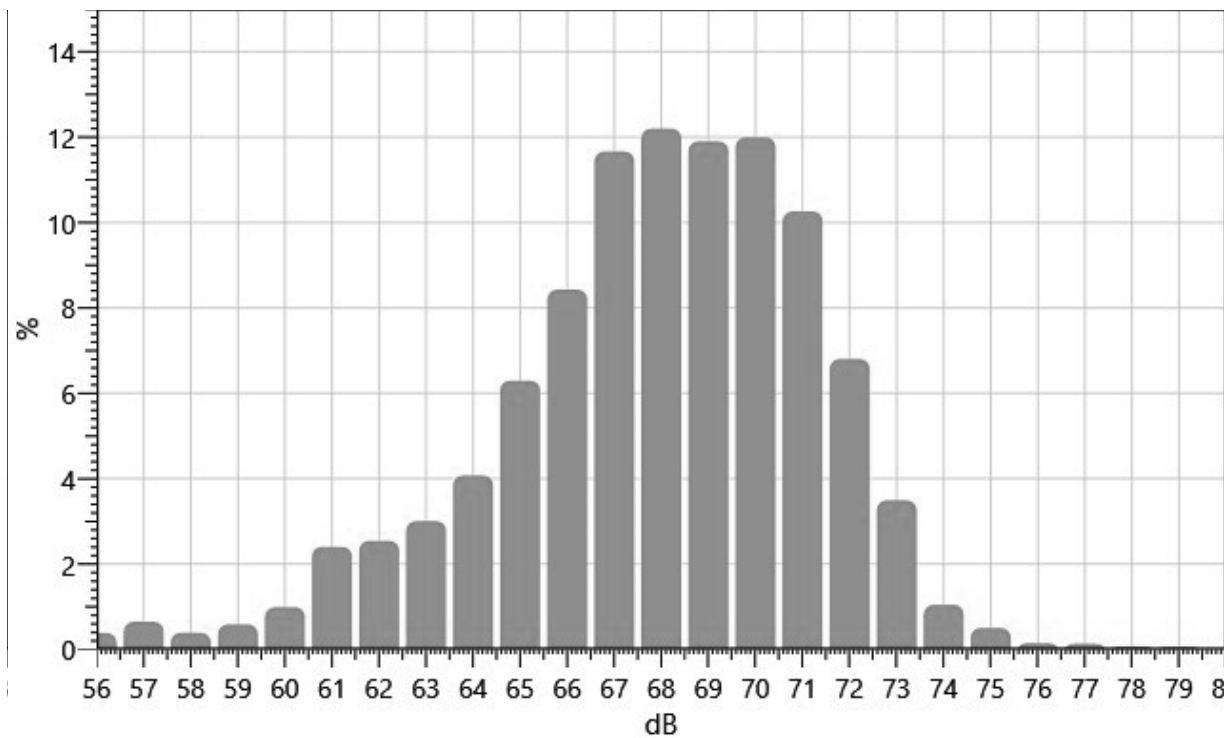
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.04	0.03	0.06	0.07	0.05	0.05	0.03	0.04	0.38
57:	0.10	0.02	0.05	0.05	0.14	0.06	0.05	0.05	0.06	0.08	0.65
58:	0.03	0.05	0.06	0.03	0.03	0.03	0.03	0.07	0.02	0.03	0.39
59:	0.04	0.02	0.06	0.13	0.10	0.08	0.04	0.05	0.04	0.04	0.58
60:	0.04	0.07	0.10	0.10	0.10	0.11	0.08	0.09	0.19	0.12	0.99
61:	0.16	0.19	0.23	0.20	0.18	0.23	0.27	0.27	0.35	0.34	2.40
62:	0.26	0.32	0.27	0.20	0.19	0.24	0.23	0.21	0.32	0.31	2.54
63:	0.23	0.20	0.31	0.30	0.31	0.38	0.31	0.29	0.35	0.32	3.01
64:	0.28	0.38	0.38	0.27	0.35	0.45	0.40	0.57	0.48	0.51	4.07
65:	0.52	0.56	0.45	0.66	0.65	0.66	0.83	0.63	0.71	0.63	6.30
66:	0.60	0.64	0.74	0.77	1.04	0.91	0.82	0.73	1.04	1.11	8.43
67:	1.19	1.32	1.40	1.34	1.21	1.09	0.92	0.82	1.11	1.26	11.66
68:	1.49	1.41	0.85	1.26	1.37	1.31	1.16	1.15	1.07	1.14	12.20
69:	1.33	1.22	1.11	1.18	1.22	1.03	1.15	1.32	1.22	1.12	11.90

70:	1.22	1.29	1.06	1.10	1.15	1.14	1.10	1.26	1.25	1.43	11.99
71:	1.27	1.39	0.68	0.97	1.17	1.08	0.87	0.84	1.01	0.99	10.26
72:	0.97	0.98	0.86	0.62	0.51	0.51	0.50	0.51	0.78	0.57	6.80
73:	0.40	0.31	0.40	0.44	0.41	0.39	0.34	0.30	0.24	0.27	3.49
74:	0.18	0.16	0.12	0.15	0.07	0.06	0.09	0.08	0.06	0.08	1.05
75:	0.06	0.04	0.05	0.04	0.03	0.04	0.05	0.08	0.07	0.03	0.50
76:	0.05	0.03	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.15
77:	0.01	0.01	0.02	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.13
78:	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
79:	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.06

Statistics Chart

S039_BIG080015_17062021_202640: Statistics Chart



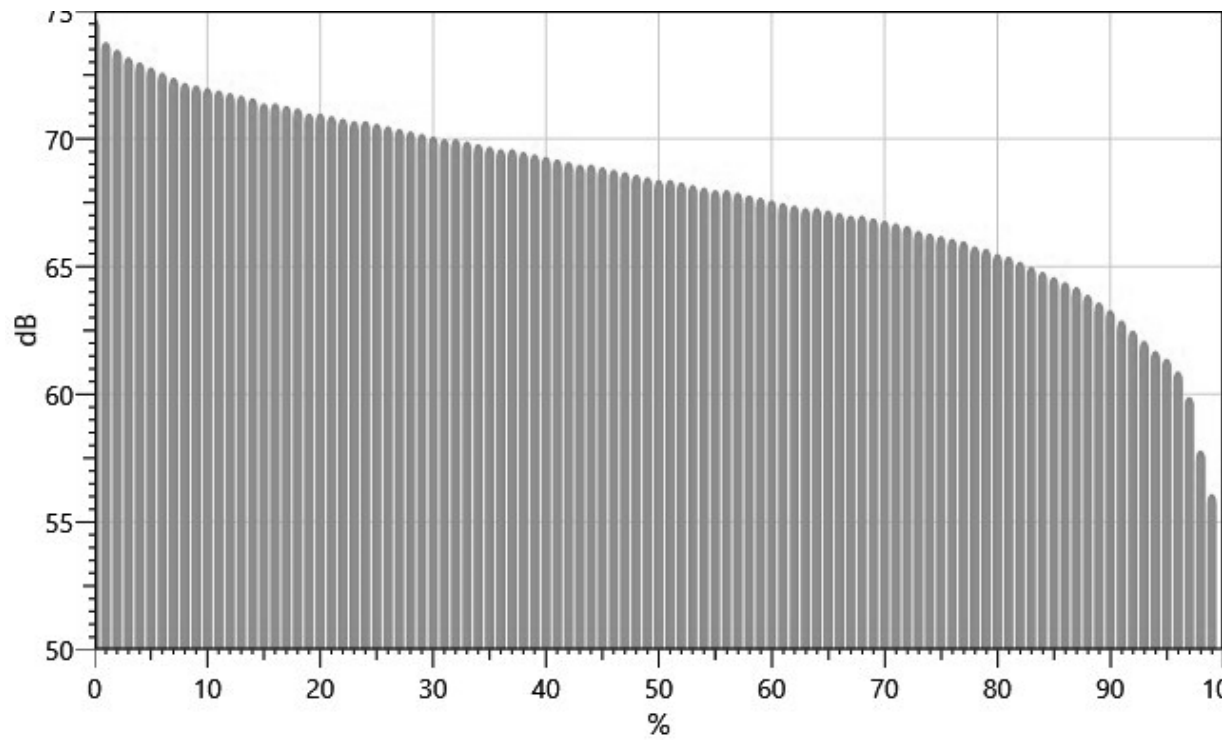
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		74.7	73.8	73.5	73.2	73.0	72.8	72.6	72.4	72.2
10%:	72.1	72.0	71.9	71.8	71.7	71.6	71.4	71.4	71.3	71.2
20%:	71.0	71.0	70.9	70.8	70.7	70.7	70.6	70.5	70.4	70.3
30%:	70.2	70.1	70.0	70.0	69.9	69.8	69.7	69.6	69.6	69.5
40%:	69.4	69.3	69.2	69.1	69.0	69.0	68.9	68.8	68.7	68.6

50%:	68.5	68.4	68.4	68.3	68.2	68.1	68.0	68.0	67.9	67.8
60%:	67.7	67.6	67.5	67.4	67.3	67.3	67.2	67.1	67.0	67.0
70%:	66.9	66.8	66.7	66.6	66.4	66.3	66.2	66.1	66.0	65.8
80%:	65.7	65.5	65.4	65.2	65.0	64.8	64.6	64.4	64.2	63.9
90%:	63.6	63.3	62.9	62.5	62.1	61.7	61.4	60.9	59.9	57.8
100%:	56.1									

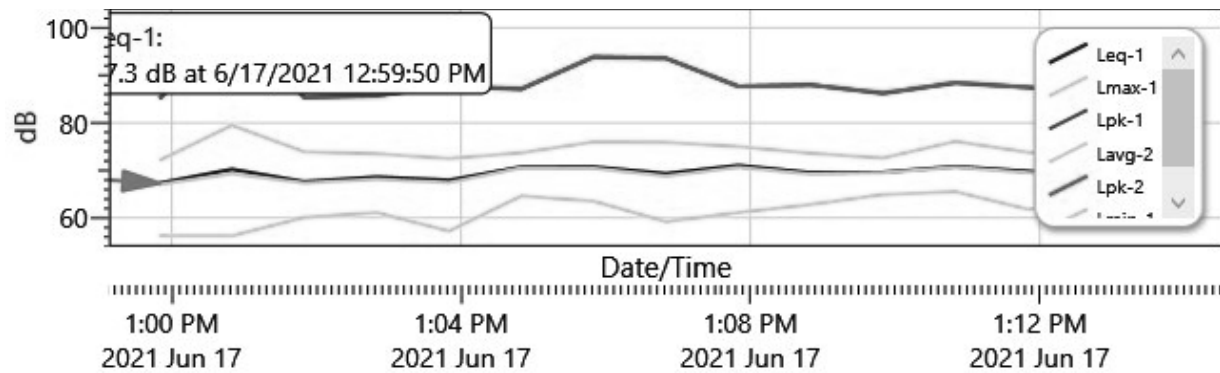
Exceedance Chart

S039_BIG080015_17062021_202640: Exceedance Chart



Logged Data Chart

S039_BIG080015_17062021_202640: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 12:59:50 PM	67.3	72.1	56.2	85.1
1:00:50 PM	70.2	79.5	56.2	101.9
1:01:50 PM	67.6	73.9	60.1	85.3
1:02:50 PM	68.6	73.5	61.1	85.8
1:03:50 PM	67.9	72.5	57.2	87.7
1:04:50 PM	70.7	73.7	64.6	87.1
1:05:50 PM	70.7	76	63.5	93.9
1:06:50 PM	69.3	75.9	59.2	93.6
1:07:50 PM	71	75	61.1	87.7
1:08:50 PM	69.5	73.6	62.8	88
1:09:50 PM	69.6	72.6	64.9	86.2
1:10:50 PM	70.8	76.1	65.5	88.4
1:11:50 PM	69.8	73.8	61.8	87.5
1:12:50 PM	68.8	73.3	63.1	86.2
1:13:50 PM	67.4	72.5	61.7	85.7

Session Report

6/18/2021

Information Panel

Name S012_BIF090005_17062021_204238
Start Time 6/17/2021 12:55:57 PM
Stop Time 6/17/2021 1:10:57 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from fence - #3 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	69.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

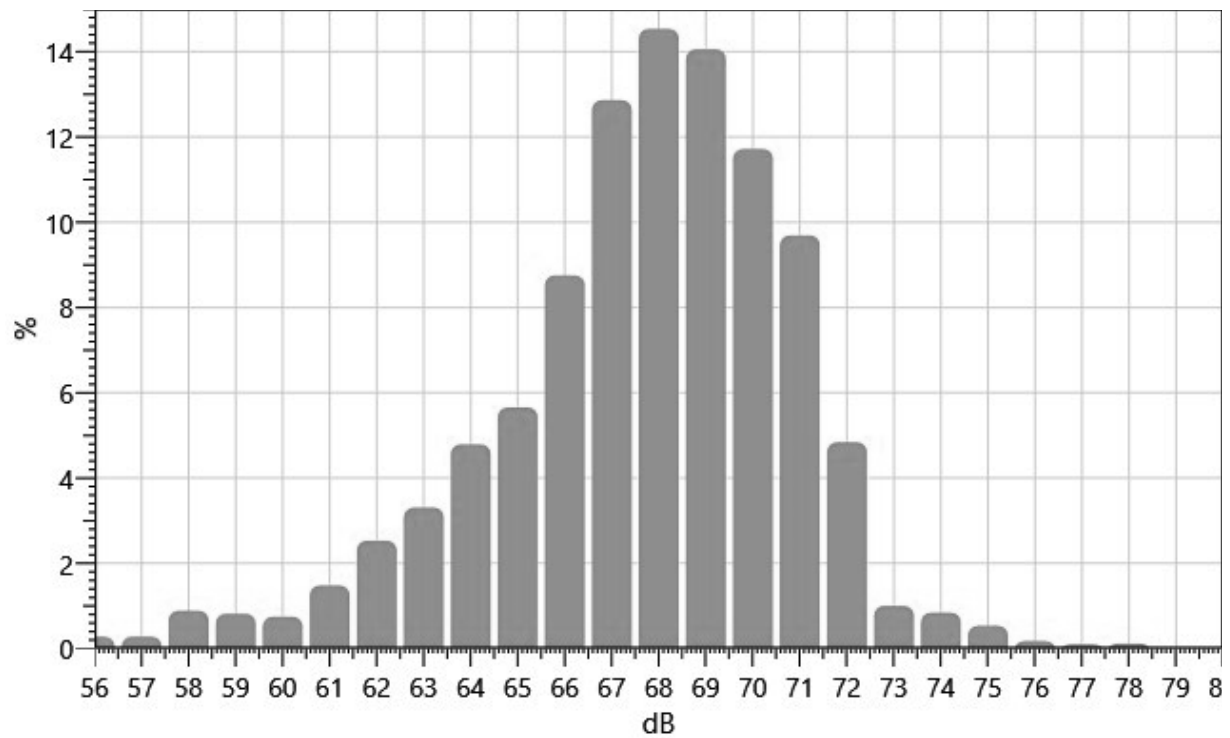
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.01	0.02	0.04	0.02	0.11	0.03	0.03	0.28
57:	0.02	0.01	0.01	0.03	0.04	0.04	0.06	0.02	0.02	0.02	0.28
58:	0.03	0.07	0.09	0.05	0.05	0.08	0.12	0.13	0.09	0.19	0.89
59:	0.12	0.09	0.12	0.04	0.05	0.06	0.04	0.14	0.12	0.03	0.82
60:	0.04	0.05	0.05	0.07	0.06	0.06	0.08	0.11	0.10	0.13	0.74
61:	0.11	0.15	0.14	0.17	0.14	0.14	0.13	0.14	0.18	0.19	1.48
62:	0.34	0.26	0.15	0.16	0.24	0.37	0.31	0.22	0.22	0.26	2.53
63:	0.34	0.27	0.26	0.31	0.26	0.31	0.29	0.32	0.40	0.55	3.31
64:	0.39	0.43	0.35	0.46	0.51	0.49	0.57	0.55	0.56	0.48	4.79
65:	0.49	0.56	0.61	0.65	0.60	0.68	0.58	0.56	0.48	0.45	5.66
66:	0.48	0.71	0.57	1.07	0.77	1.00	1.01	1.02	1.01	1.11	8.75
67:	1.20	1.14	1.15	1.06	1.16	1.48	1.51	1.50	1.39	1.27	12.86
68:	1.31	1.14	1.25	1.31	1.22	1.43	1.53	1.90	1.77	1.69	14.54
69:	1.61	1.62	1.32	1.70	1.28	1.33	1.40	1.35	1.18	1.26	14.06

70:	1.22	1.11	1.29	1.22	1.24	1.19	1.26	1.01	1.10	1.08	11.72
71:	1.08	1.45	1.16	0.90	1.04	1.16	0.69	0.69	0.77	0.76	9.69
72:	0.89	0.74	0.65	0.36	0.45	0.47	0.35	0.37	0.32	0.23	4.84
73:	0.11	0.10	0.16	0.25	0.14	0.05	0.06	0.05	0.05	0.04	1.00
74:	0.06	0.05	0.06	0.06	0.08	0.12	0.10	0.10	0.09	0.13	0.84
75:	0.09	0.09	0.06	0.03	0.03	0.05	0.05	0.04	0.07	0.02	0.53
76:	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.02	0.02	0.02	0.18
77:	0.02	0.02	0.02	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.10
78:	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.12

Statistics Chart

S012_BIF090005_17062021_204238: Statistics Chart



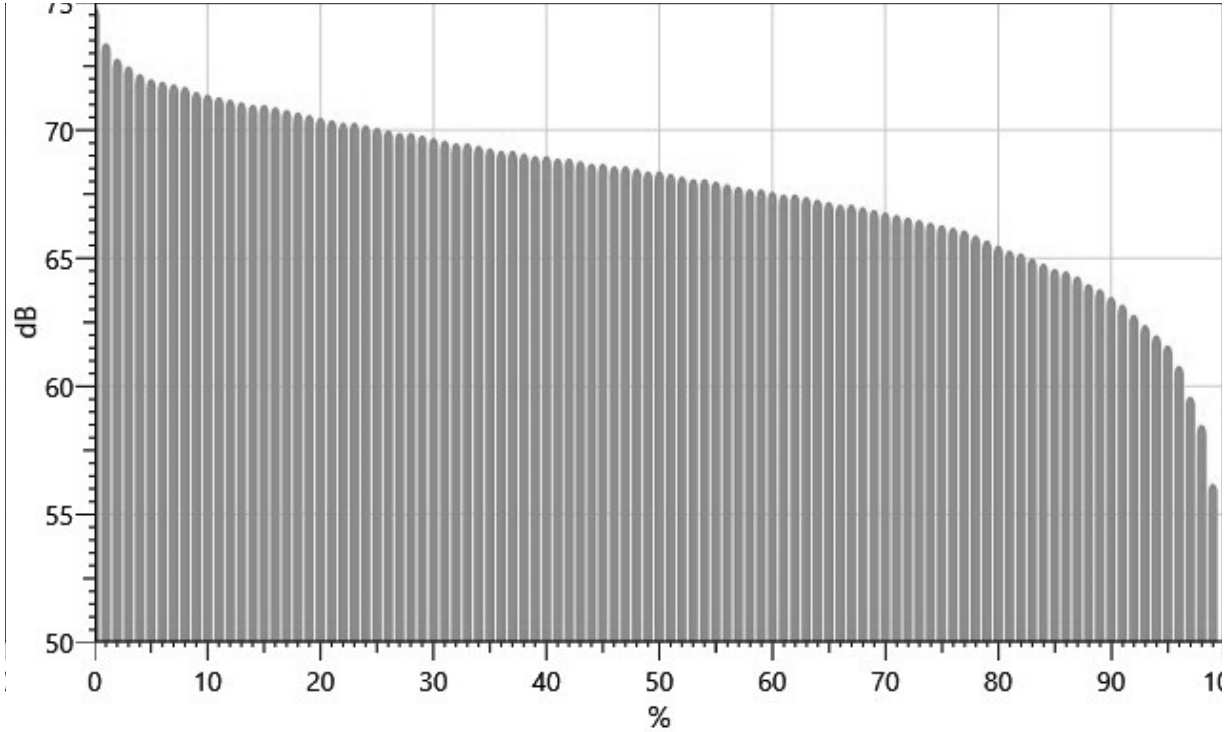
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		74.8	73.4	72.8	72.5	72.2	72.0	71.9	71.8	71.7
10%:	71.5	71.4	71.3	71.2	71.1	71.0	71.0	70.9	70.8	70.7
20%:	70.6	70.5	70.4	70.3	70.3	70.2	70.1	70.0	69.9	69.9
30%:	69.8	69.7	69.6	69.5	69.5	69.4	69.3	69.2	69.2	69.1
40%:	69.0	69.0	68.9	68.9	68.8	68.7	68.7	68.6	68.6	68.5
50%:	68.4	68.4	68.3	68.2	68.1	68.1	68.0	67.9	67.8	67.7

60%:	67.7	67.6	67.5	67.5	67.4	67.3	67.2	67.1	67.1	67.0
70%:	66.9	66.8	66.7	66.6	66.5	66.4	66.3	66.2	66.1	65.9
80%:	65.7	65.5	65.3	65.2	65.0	64.8	64.6	64.5	64.3	64.0
90%:	63.8	63.5	63.2	62.8	62.4	62.0	61.6	60.8	59.6	58.5
100%:	56.2									

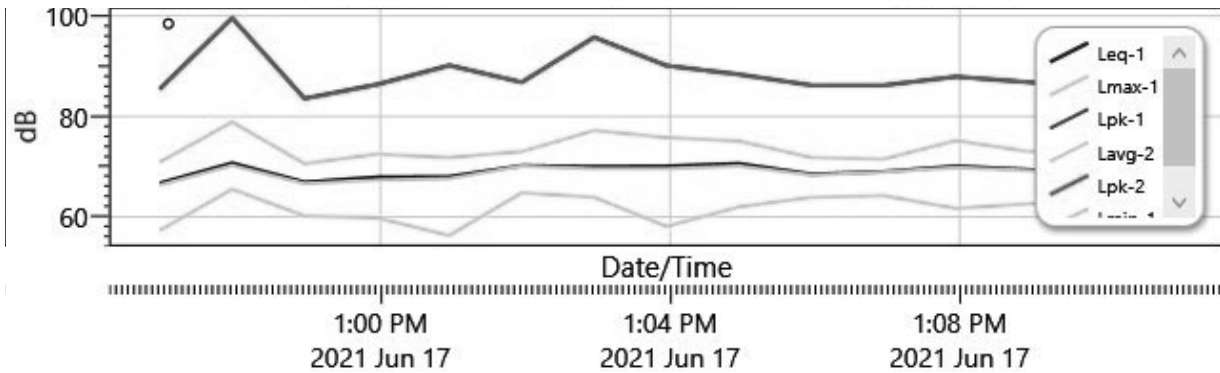
Exceedance Chart

S012_BIF090005_17062021_204238: Exceedance Chart



Logged Data Chart

S012_BIF090005_17062021_204238: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 12:56:57 PM	66.7	70.9	57.3	85.5
12:57:57 PM	70.7	78.9	65.5	99.6
12:58:57 PM	66.9	70.6	60.2	83.6
12:59:57 PM	67.9	72.5	59.8	86.4
1:00:57 PM	68	71.8	56.3	90.2
1:01:57 PM	70.2	73	64.8	86.8
1:02:57 PM	70	77.2	63.9	95.8
1:03:57 PM	70.1	75.8	58.1	90.1
1:04:57 PM	70.6	75.1	62	88.4
1:05:57 PM	68.5	71.8	63.9	86.2
1:06:57 PM	69	71.5	64.2	86.2
1:07:57 PM	70.1	75.2	61.7	87.9
1:08:57 PM	69.4	73	62.6	86.8
1:09:57 PM	68.5	73	63.2	85.9
1:10:57 PM	67.8	71.6	61.8	84.8

Session Report

6/18/2021

Information Panel

Name S013_BIH050004_17062021_205939
Start Time 6/17/2021 12:57:49 PM
Stop Time 6/17/2021 1:12:49 PM
Device Name BIH050004
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 200' from fence #3 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	79.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	IMPULSE			

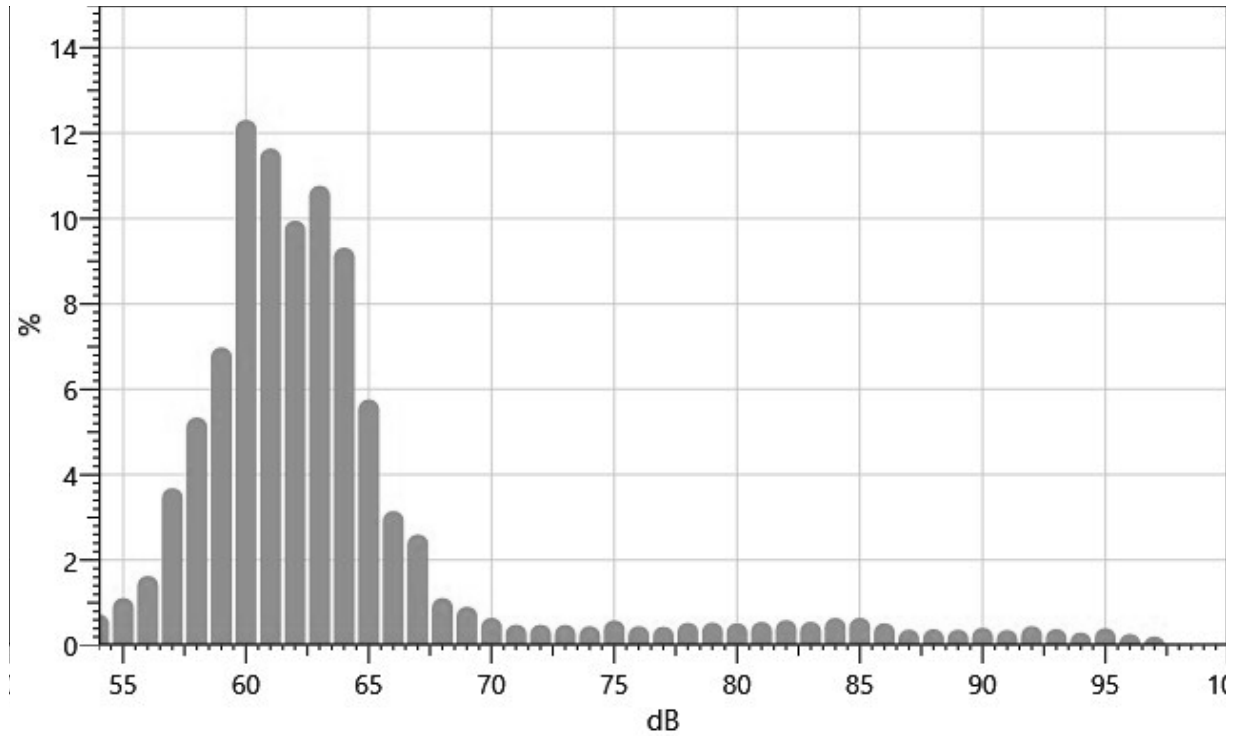
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
54:	0.06	0.07	0.07	0.12	0.06	0.05	0.03	0.03	0.06	0.18	0.73
55:	0.16	0.08	0.05	0.14	0.11	0.12	0.11	0.10	0.11	0.11	1.11
56:	0.10	0.09	0.12	0.12	0.10	0.09	0.24	0.36	0.23	0.17	1.63
57:	0.24	0.36	0.35	0.32	0.42	0.30	0.39	0.31	0.40	0.59	3.68
58:	0.42	0.45	0.25	0.49	0.47	0.53	0.69	0.62	0.70	0.72	5.34
59:	0.70	0.75	0.53	0.54	0.64	0.70	0.69	0.78	0.85	0.80	6.98
60:	0.96	0.79	0.96	1.13	1.51	1.38	1.24	1.37	1.55	1.42	12.31
61:	1.29	1.51	0.89	1.19	1.32	1.06	1.34	1.15	0.94	0.95	11.64
62:	0.86	0.96	1.02	0.98	1.09	1.13	1.10	0.88	0.90	1.02	9.95
63:	0.96	1.08	1.15	0.95	0.91	1.06	1.02	1.10	1.23	1.31	10.77
64:	1.18	1.19	0.74	1.18	0.96	0.73	0.99	0.72	0.77	0.85	9.32
65:	0.78	0.56	0.56	0.55	0.65	0.53	0.54	0.56	0.48	0.54	5.76
66:	0.43	0.47	0.41	0.36	0.26	0.21	0.21	0.25	0.26	0.28	3.15
67:	0.44	0.46	0.26	0.39	0.30	0.17	0.10	0.22	0.13	0.11	2.60

68:	0.16	0.16	0.12	0.14	0.12	0.09	0.09	0.07	0.08	0.08	1.11
69:	0.08	0.08	0.08	0.08	0.09	0.11	0.11	0.10	0.10	0.08	0.91
70:	0.08	0.08	0.06	0.10	0.05	0.06	0.05	0.05	0.06	0.06	0.64
71:	0.06	0.05	0.06	0.05	0.05	0.04	0.05	0.04	0.05	0.05	0.49
72:	0.05	0.04	0.05	0.05	0.04	0.05	0.05	0.05	0.06	0.05	0.48
73:	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.04	0.05	0.05	0.48
74:	0.05	0.05	0.04	0.05	0.04	0.04	0.05	0.04	0.04	0.05	0.45
75:	0.05	0.07	0.05	0.05	0.06	0.09	0.06	0.06	0.06	0.05	0.58
76:	0.05	0.05	0.04	0.04	0.05	0.04	0.04	0.05	0.04	0.05	0.45
77:	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.05	0.44
78:	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.53
79:	0.06	0.06	0.04	0.04	0.06	0.05	0.05	0.06	0.06	0.06	0.54
80:	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.52
81:	0.06	0.05	0.06	0.05	0.06	0.05	0.06	0.06	0.05	0.07	0.55
82:	0.07	0.07	0.07	0.04	0.06	0.06	0.06	0.06	0.06	0.06	0.59
83:	0.06	0.05	0.05	0.06	0.05	0.06	0.05	0.06	0.06	0.06	0.55
84:	0.06	0.06	0.06	0.07	0.07	0.07	0.06	0.07	0.06	0.06	0.64
85:	0.07	0.06	0.07	0.05	0.06	0.06	0.06	0.07	0.07	0.06	0.65
86:	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.52
87:	0.04	0.04	0.04	0.03	0.04	0.04	0.03	0.04	0.04	0.03	0.37
88:	0.04	0.04	0.04	0.03	0.03	0.04	0.03	0.04	0.03	0.05	0.38
89:	0.03	0.05	0.03	0.04	0.03	0.04	0.03	0.03	0.04	0.04	0.37
90:	0.03	0.04	0.05	0.03	0.05	0.04	0.04	0.04	0.05	0.05	0.41
91:	0.04	0.05	0.06	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.36
92:	0.04	0.04	0.05	0.04	0.05	0.05	0.05	0.04	0.06	0.05	0.45
93:	0.05	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.03	0.03	0.38
94:	0.02	0.03	0.04	0.02	0.03	0.03	0.04	0.03	0.03	0.02	0.30
95:	0.04	0.03	0.04	0.02	0.05	0.05	0.06	0.04	0.04	0.04	0.40
96:	0.03	0.02	0.04	0.02	0.03	0.01	0.03	0.03	0.03	0.03	0.27
97:	0.02	0.02	0.03	0.02	0.03	0.02	0.02	0.01	0.01	0.02	0.21
98:	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02

Statistics Chart

S013_BIH050004_17062021_205939: Statistics Chart

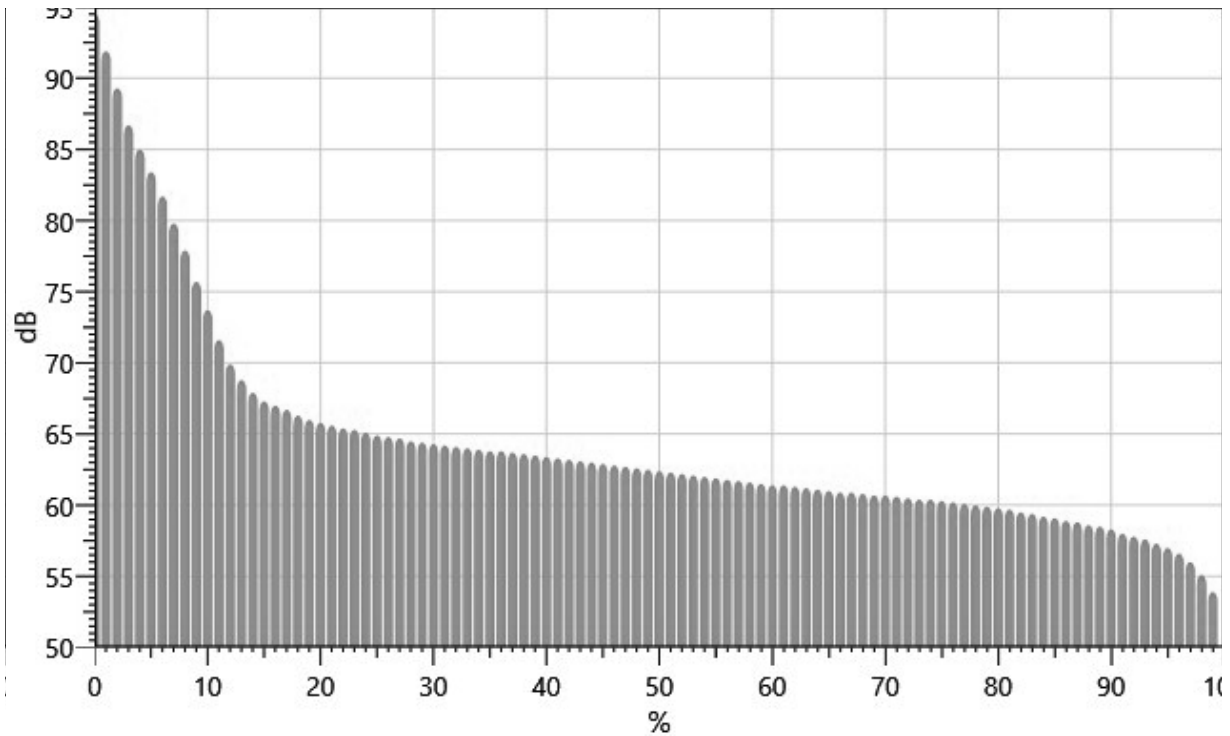


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		94.5	91.9	89.3	86.7	85.0	83.4	81.7	79.8	77.9
10%:	75.7	73.7	71.6	69.9	68.8	67.9	67.3	67.0	66.7	66.3
20%:	66.0	65.8	65.6	65.4	65.3	65.1	64.9	64.8	64.7	64.5
30%:	64.4	64.3	64.2	64.1	64.0	63.9	63.8	63.8	63.7	63.6
40%:	63.5	63.4	63.3	63.2	63.1	63.0	62.9	62.8	62.7	62.6
50%:	62.5	62.4	62.3	62.2	62.1	62.0	61.9	61.8	61.7	61.6
60%:	61.5	61.4	61.4	61.3	61.2	61.1	61.0	60.9	60.9	60.8
70%:	60.7	60.7	60.6	60.5	60.4	60.4	60.3	60.2	60.1	60.0
80%:	59.9	59.8	59.7	59.5	59.4	59.2	59.1	58.9	58.8	58.6
90%:	58.5	58.3	58.0	57.8	57.6	57.3	57.0	56.6	56.0	55.1
100%:	53.9									

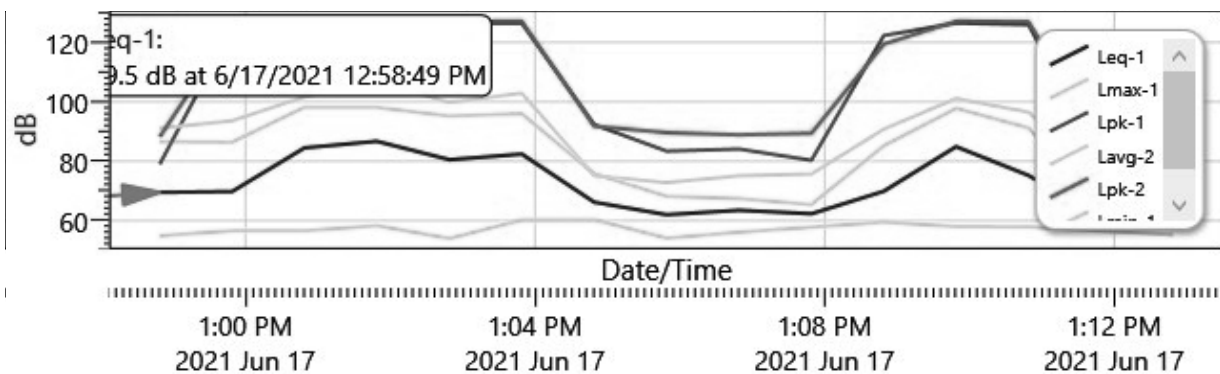
Exceedance Chart

S013_BIH050004_17062021_205939: Exceedance Chart



Logged Data Chart

S013_BIH050004_17062021_205939: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 12:58:49 PM	69.5	86.6	54.9	79
12:59:49 PM	69.8	86.4	56.6	124.9
1:00:49 PM	84.5	98.2	56.6	126.5
1:01:49 PM	86.7	98.1	58.3	126.4
1:02:49 PM	80.5	95.2	54	126.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:03:49 PM	82.4	96	60.2	126.5
1:04:49 PM	66.2	75.8	60.3	92.3
1:05:49 PM	62	68.2	54.1	83.4
1:06:49 PM	63.5	67.4	56.1	84.1
1:07:49 PM	62.3	65.4	57.8	80.3
1:08:49 PM	69.9	85.2	59.5	122.3
1:09:49 PM	84.9	97.8	58	126.5
1:10:49 PM	75.2	91.2	57.9	126
1:11:49 PM	60.9	64.4	56.6	78.4
1:12:49 PM	59.9	64	55.2	77

Session Report

6/18/2021

Information Panel

Name S449_BGH030008_17062021_194137
Start Time 6/17/2021 2:54:52 PM
Stop Time 6/17/2021 3:09:52 PM
Device Name BGH030008
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 1 TOW #4 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	76.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

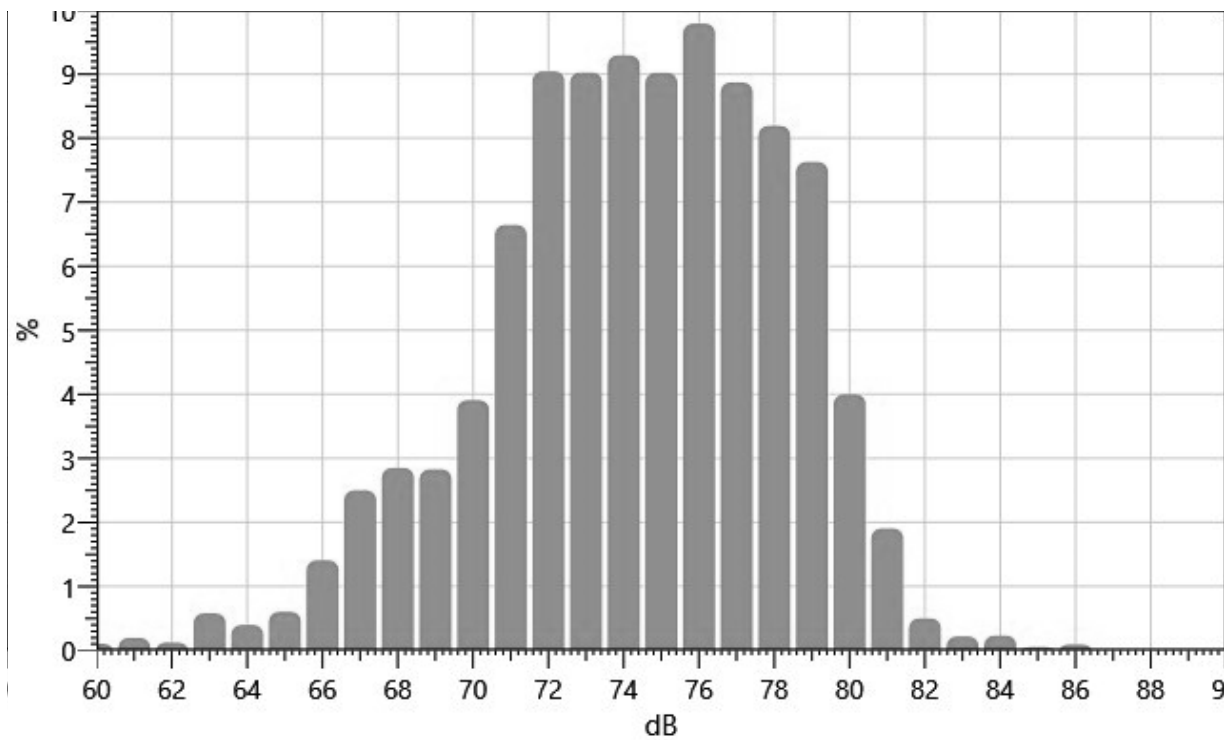
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
60:	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.02	0.02	0.10
61:	0.03	0.05	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.19
62:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.12
63:	0.07	0.09	0.06	0.10	0.04	0.05	0.05	0.03	0.03	0.06	0.58
64:	0.06	0.05	0.04	0.05	0.03	0.05	0.03	0.03	0.03	0.03	0.40
65:	0.03	0.04	0.04	0.04	0.08	0.13	0.07	0.06	0.05	0.07	0.60
66:	0.16	0.16	0.10	0.13	0.14	0.13	0.10	0.12	0.20	0.16	1.41
67:	0.37	0.23	0.26	0.27	0.26	0.22	0.22	0.20	0.22	0.27	2.50
68:	0.24	0.20	0.27	0.28	0.34	0.32	0.27	0.30	0.34	0.29	2.85
69:	0.29	0.32	0.22	0.24	0.25	0.23	0.31	0.40	0.27	0.29	2.83
70:	0.32	0.29	0.38	0.32	0.36	0.43	0.33	0.40	0.44	0.64	3.91
71:	0.50	0.49	0.52	0.48	0.53	0.74	0.76	0.81	0.89	0.91	6.64
72:	0.80	1.00	0.95	0.55	0.81	0.95	0.99	0.95	1.05	0.99	9.04
73:	0.95	0.79	0.98	1.01	0.96	0.95	0.89	0.99	0.80	0.71	9.03

74:	0.76	0.73	0.83	0.88	1.15	1.09	1.06	0.94	0.93	0.94	9.29
75:	0.94	1.13	0.95	0.65	0.92	0.84	0.83	0.86	0.88	1.02	9.02
76:	0.89	0.98	1.11	1.07	1.12	0.97	0.93	0.97	0.90	0.84	9.79
77:	1.22	1.11	0.90	0.69	0.73	0.79	0.90	0.85	0.87	0.81	8.87
78:	0.89	1.00	1.18	0.61	0.78	0.74	0.66	0.72	0.85	0.76	8.19
79:	0.69	0.91	0.77	0.76	0.85	0.91	0.82	0.69	0.66	0.58	7.63
80:	0.59	0.44	0.44	0.49	0.40	0.45	0.34	0.23	0.29	0.33	4.00
81:	0.27	0.18	0.24	0.14	0.17	0.24	0.25	0.14	0.11	0.15	1.90
82:	0.09	0.10	0.05	0.05	0.04	0.05	0.05	0.03	0.03	0.02	0.50
83:	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.22
84:	0.03	0.02	0.05	0.02	0.05	0.03	0.01	0.00	0.01	0.00	0.23
85:	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.05
86:	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.00	0.00	0.00	0.09

Statistics Chart

S449_BGH030008_17062021_194137: Statistics Chart



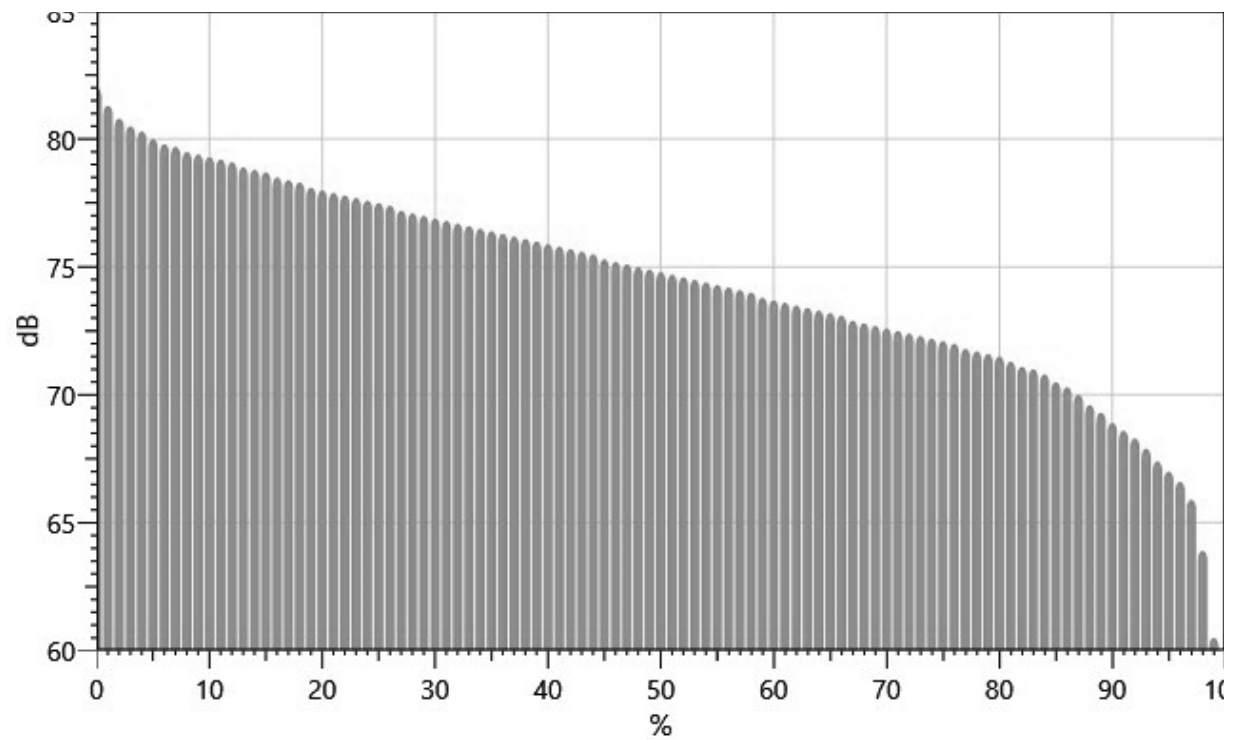
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		82.0	81.3	80.8	80.5	80.3	80.0	79.8	79.7	79.5
10%:	79.4	79.3	79.2	79.1	78.9	78.8	78.7	78.5	78.4	78.3

20%:	78.1	78.0	77.9	77.8	77.7	77.6	77.5	77.4	77.2	77.1
30%:	77.0	76.9	76.8	76.7	76.6	76.5	76.4	76.3	76.2	76.1
40%:	76.0	75.9	75.8	75.7	75.6	75.5	75.3	75.2	75.1	75.0
50%:	74.9	74.8	74.7	74.6	74.5	74.4	74.3	74.2	74.1	74.0
60%:	73.8	73.7	73.6	73.5	73.4	73.3	73.2	73.1	72.9	72.8
70%:	72.7	72.6	72.5	72.4	72.3	72.2	72.1	72.0	71.8	71.7
80%:	71.6	71.5	71.3	71.1	71.0	70.8	70.5	70.3	70.0	69.6
90%:	69.3	68.9	68.6	68.3	67.9	67.4	67.0	66.6	65.9	63.9
100%:	60.5									

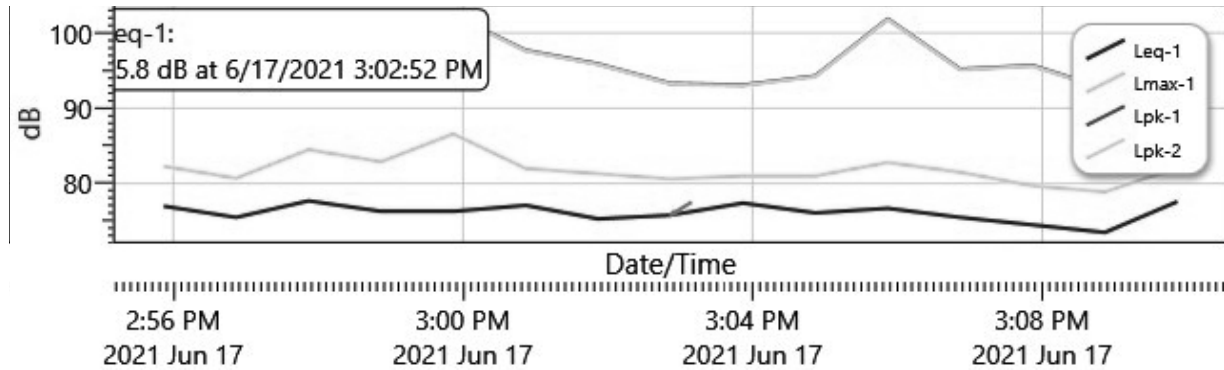
Exceedance Chart

S449_BGH030008_17062021_194137: Exceedance Chart



Logged Data Chart

S449_BGH030008_17062021_194137: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 2:55:52 PM	77	82.3	62.8	99.3
2:56:52 PM	75.5	80.7	65.4	94.9
2:57:52 PM	77.7	84.5	67.4	98.7
2:58:52 PM	76.3	82.9	68.8	96.5
2:59:52 PM	76.3	86.6	67	102.4
3:00:52 PM	77.1	82	71.3	97.7
3:01:52 PM	75.3	81.3	66.1	95.9
3:02:52 PM	75.8	80.6	68.7	93.3
3:03:52 PM	77.4	81	70.1	93.1
3:04:52 PM	76.1	81	66.8	94.3
3:05:52 PM	76.7	82.8	65.9	101.9
3:06:52 PM	75.5	81.5	66.8	95.2
3:07:52 PM	74.5	79.7	63.2	95.7
3:08:52 PM	73.5	78.9	60.6	92.6
3:09:52 PM	77.6	82.1	69.5	96.4

Session Report

6/18/2021

Information Panel

Name S017_BHF080013_17062021_200946
Start Time 6/17/2021 2:55:28 PM
Stop Time 6/17/2021 3:10:28 PM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 10' from fence #4 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	71.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

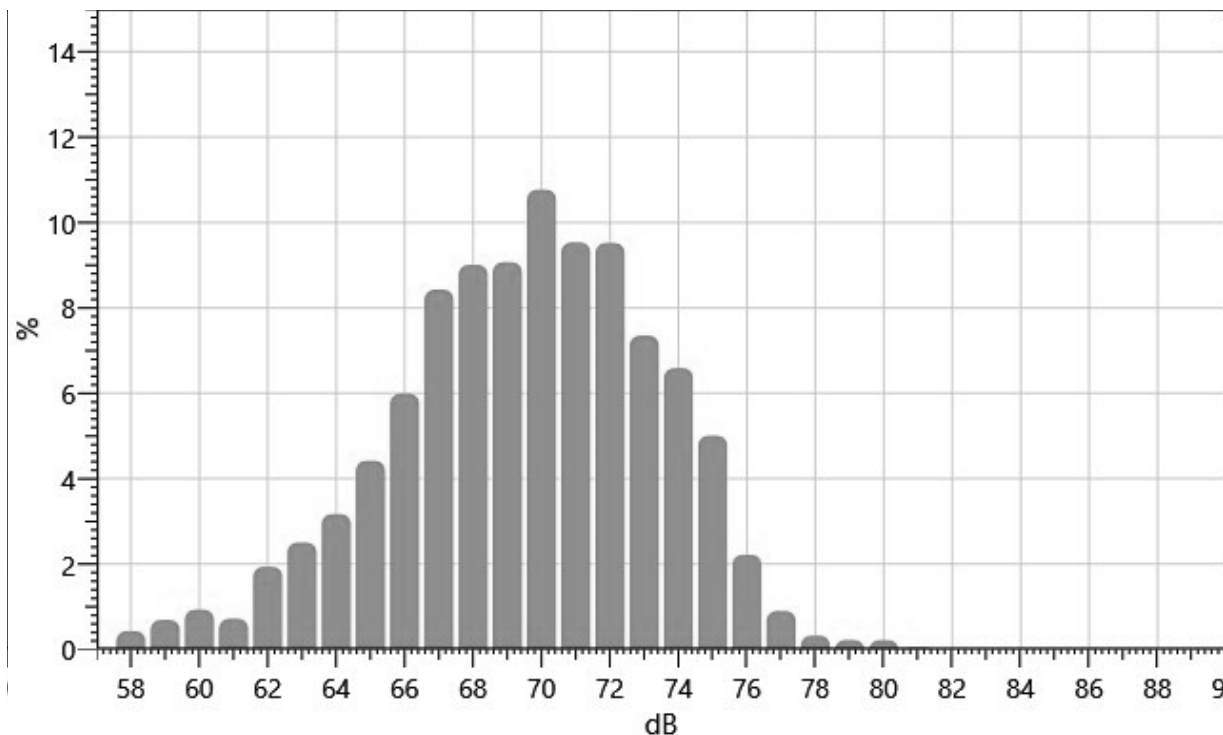
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
58:	0.08	0.06	0.06	0.03	0.02	0.03	0.02	0.05	0.04	0.05	0.43
59:	0.04	0.07	0.08	0.08	0.07	0.05	0.06	0.10	0.06	0.07	0.69
60:	0.03	0.03	0.04	0.08	0.13	0.14	0.14	0.09	0.11	0.14	0.93
61:	0.10	0.08	0.06	0.06	0.07	0.07	0.06	0.07	0.07	0.08	0.72
62:	0.19	0.09	0.10	0.11	0.15	0.26	0.28	0.24	0.27	0.25	1.94
63:	0.36	0.24	0.29	0.26	0.21	0.22	0.17	0.29	0.22	0.24	2.50
64:	0.23	0.24	0.34	0.37	0.32	0.33	0.34	0.26	0.31	0.44	3.17
65:	0.38	0.40	0.38	0.22	0.39	0.41	0.40	0.58	0.60	0.66	4.42
66:	0.51	0.47	0.41	0.45	0.54	0.65	0.80	0.76	0.75	0.65	5.99
67:	0.78	0.64	0.82	0.79	0.80	0.76	0.84	1.10	0.89	1.01	8.43
68:	0.95	1.24	1.13	0.65	0.81	0.64	0.79	0.85	0.90	1.05	9.01
69:	0.75	0.93	0.81	0.86	0.92	0.85	0.97	1.11	0.95	0.92	9.07
70:	1.01	1.06	1.18	1.22	1.07	1.17	1.13	0.96	1.04	0.93	10.77

71:	0.95	0.99	1.13	0.72	1.00	0.91	1.06	1.00	0.91	0.86	9.54
72:	0.86	0.97	1.02	1.05	0.93	0.89	1.01	0.85	0.92	1.03	9.52
73:	0.88	0.77	0.75	0.82	0.75	0.68	0.72	0.81	0.63	0.56	7.35
74:	0.65	0.70	0.86	0.48	0.59	0.63	0.67	0.82	0.63	0.58	6.59
75:	0.51	0.64	0.68	0.60	0.50	0.47	0.48	0.39	0.34	0.41	5.01
76:	0.35	0.35	0.36	0.23	0.21	0.20	0.21	0.11	0.08	0.11	2.22
77:	0.06	0.20	0.12	0.07	0.12	0.13	0.09	0.03	0.03	0.03	0.90
78:	0.03	0.04	0.05	0.05	0.03	0.02	0.01	0.03	0.04	0.02	0.32
79:	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.22
80:	0.02	0.03	0.03	0.02	0.03	0.04	0.01	0.01	0.01	0.02	0.22
81:	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S017_BHF080013_17062021_200946: Statistics Chart



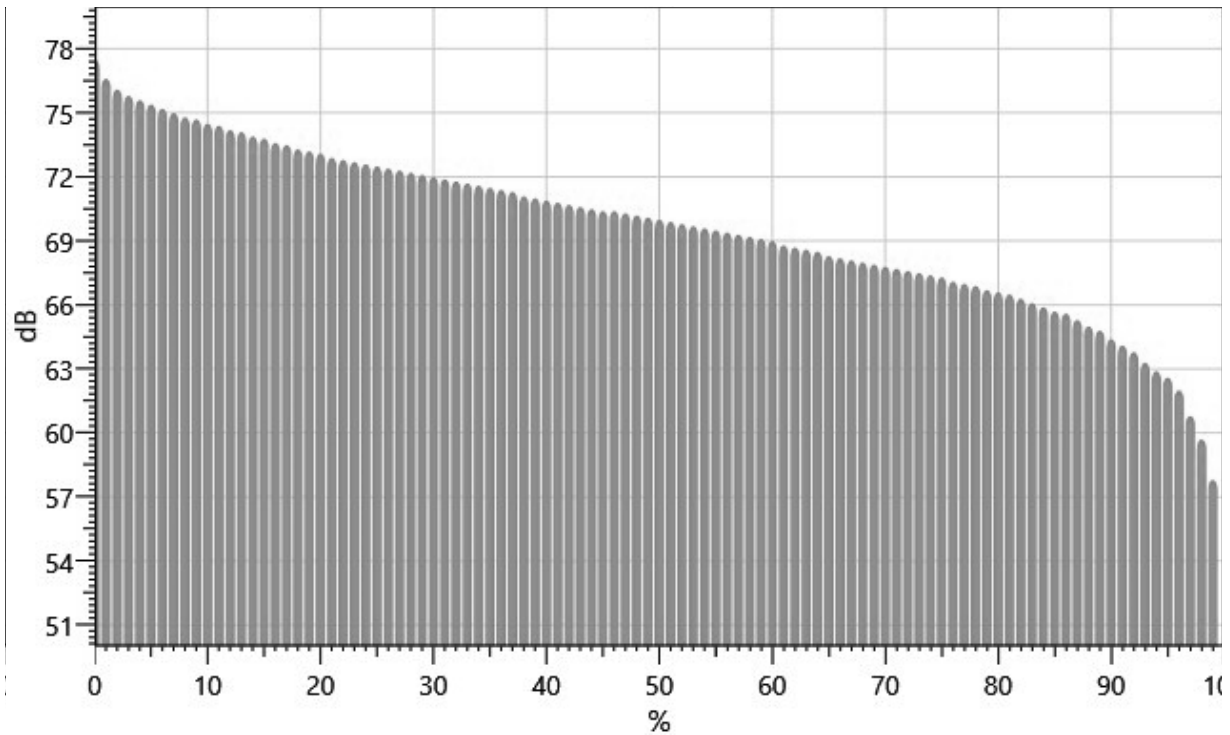
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		77.5	76.6	76.1	75.8	75.6	75.4	75.2	75.0	74.8
10%:	74.7	74.5	74.4	74.2	74.1	73.9	73.8	73.6	73.5	73.3
20%:	73.2	73.1	72.9	72.8	72.7	72.6	72.5	72.4	72.3	72.2
30%:	72.1	72.0	71.9	71.8	71.7	71.6	71.5	71.4	71.3	71.1

40%:	71.0	70.9	70.8	70.7	70.6	70.5	70.4	70.4	70.3	70.2
50%:	70.1	70.0	69.9	69.8	69.7	69.6	69.5	69.4	69.3	69.2
60%:	69.1	69.0	68.8	68.7	68.6	68.5	68.3	68.2	68.1	68.0
70%:	67.9	67.8	67.7	67.6	67.5	67.4	67.3	67.1	67.0	66.9
80%:	66.7	66.6	66.5	66.3	66.1	65.9	65.7	65.6	65.3	65.0
90%:	64.8	64.4	64.1	63.8	63.3	62.9	62.6	62.0	60.8	59.7
100%:	57.8									

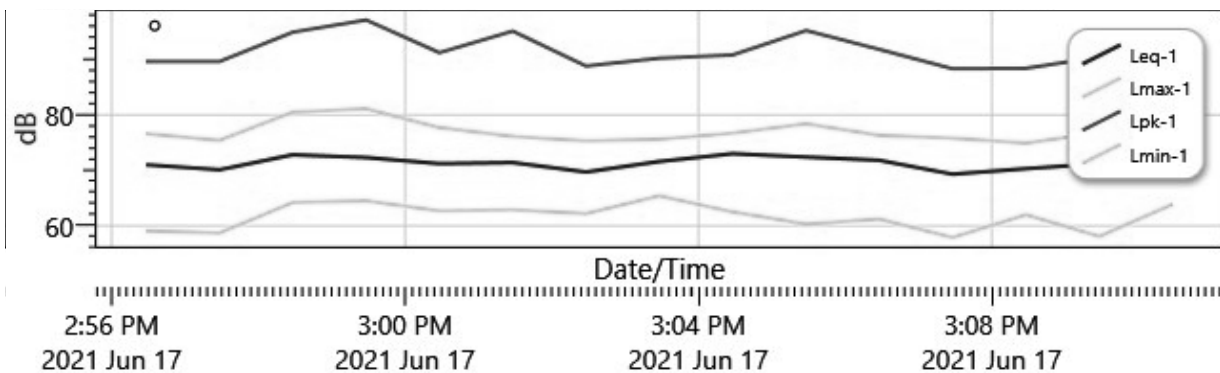
Exceedance Chart

S017_BHF080013_17062021_200946: Exceedance Chart



Logged Data Chart

S017_BHF080013_17062021_200946: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 2:56:28 PM	71	76.6	59.1	89.6
2:57:28 PM	70.1	75.4	58.7	89.6
2:58:28 PM	72.8	80.5	64.2	94.9
2:59:28 PM	72.3	81.1	64.5	97.1
3:00:28 PM	71.2	77.7	62.7	91.2
3:01:28 PM	71.4	76.1	62.9	95.1
3:02:28 PM	69.7	75.3	62.2	88.8
3:03:28 PM	71.6	75.6	65.4	90.2
3:04:28 PM	73	76.7	62.5	90.8
3:05:28 PM	72.4	78.4	60.3	95.2
3:06:28 PM	71.8	76.3	61.2	91.8
3:07:28 PM	69.3	75.8	57.9	88.3
3:08:28 PM	70.3	74.9	62	88.4
3:09:28 PM	71.2	76.8	58.1	90.4
3:10:28 PM	72.2	77.2	63.9	92.4

Session Report

6/18/2021

Information Panel

Name S040_BIG080015_17062021_202641
Start Time 6/17/2021 2:55:58 PM
Stop Time 6/17/2021 3:10:58 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from fence #4 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	67.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

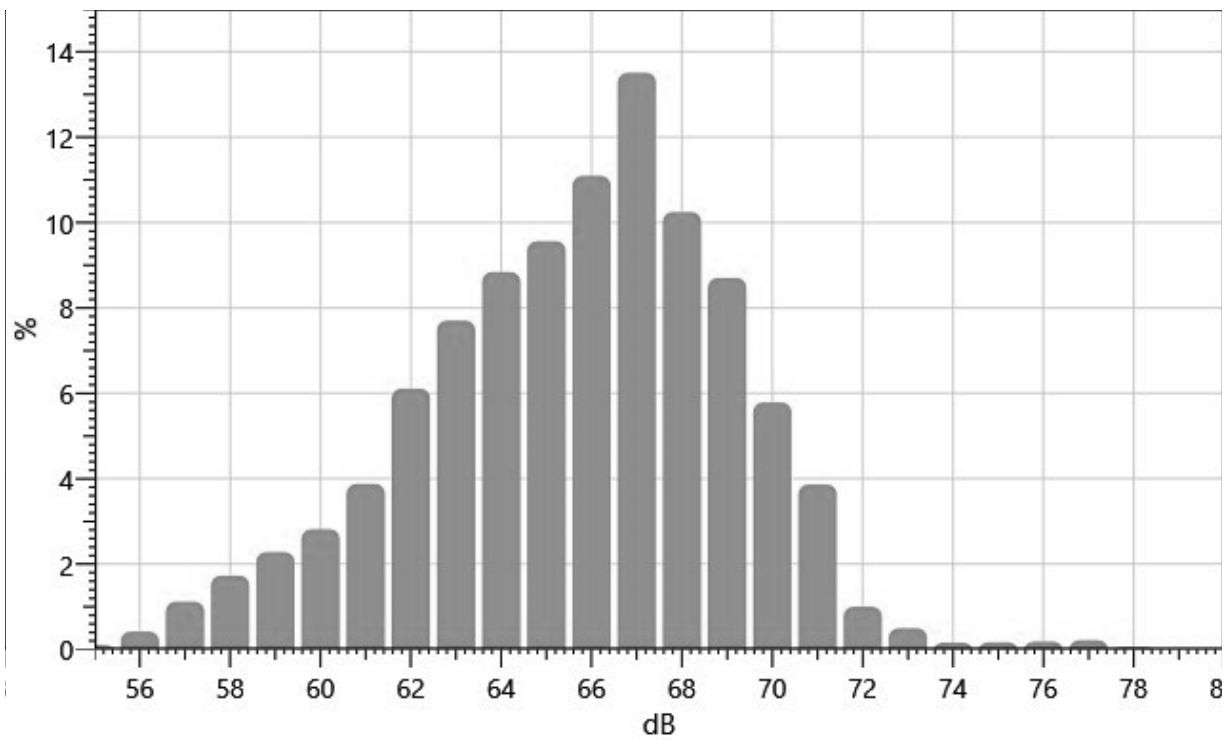
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10
56:	0.08	0.03	0.04	0.08	0.04	0.03	0.03	0.03	0.03	0.03	0.42
57:	0.03	0.06	0.08	0.16	0.09	0.06	0.11	0.21	0.15	0.16	1.12
58:	0.17	0.13	0.15	0.26	0.13	0.16	0.22	0.18	0.19	0.15	1.73
59:	0.19	0.16	0.25	0.19	0.23	0.21	0.22	0.24	0.34	0.23	2.28
60:	0.17	0.22	0.32	0.22	0.23	0.20	0.24	0.28	0.53	0.40	2.81
61:	0.28	0.33	0.31	0.51	0.32	0.37	0.40	0.43	0.40	0.53	3.88
62:	0.60	0.34	0.53	0.49	0.66	0.66	0.73	0.75	0.72	0.63	6.11
63:	0.59	0.57	0.70	0.61	0.72	0.81	0.86	0.85	0.81	1.19	7.70
64:	0.96	1.17	0.94	0.81	0.82	0.84	0.89	0.81	0.82	0.80	8.84
65:	0.92	0.82	0.66	0.94	0.95	1.13	1.09	1.13	0.99	0.94	9.56
66:	1.13	1.01	1.00	0.96	0.95	1.03	1.09	1.23	1.33	1.35	11.09
67:	1.37	1.45	1.21	1.27	1.44	1.35	1.35	1.44	1.27	1.36	13.51
68:	1.58	1.36	0.86	1.12	1.07	0.87	0.95	0.80	0.86	0.78	10.25

69:	0.88	0.85	0.88	0.90	0.80	0.79	0.84	1.09	0.94	0.74	8.70
70:	0.65	0.70	0.62	0.53	0.58	0.58	0.49	0.54	0.50	0.58	5.79
71:	0.63	0.49	0.30	0.67	0.48	0.30	0.33	0.25	0.19	0.23	3.86
72:	0.19	0.13	0.10	0.11	0.07	0.08	0.14	0.05	0.06	0.06	1.00
73:	0.10	0.11	0.09	0.09	0.02	0.02	0.02	0.02	0.01	0.01	0.49
74:	0.02	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.02	0.01	0.16
75:	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.01	0.02	0.02	0.17
76:	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.02	0.03	0.02	0.18
77:	0.03	0.02	0.02	0.01	0.06	0.03	0.02	0.01	0.01	0.01	0.21
78:	0.01	0.01	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.06

Statistics Chart

S040_BIG080015_17062021_202641: Statistics Chart



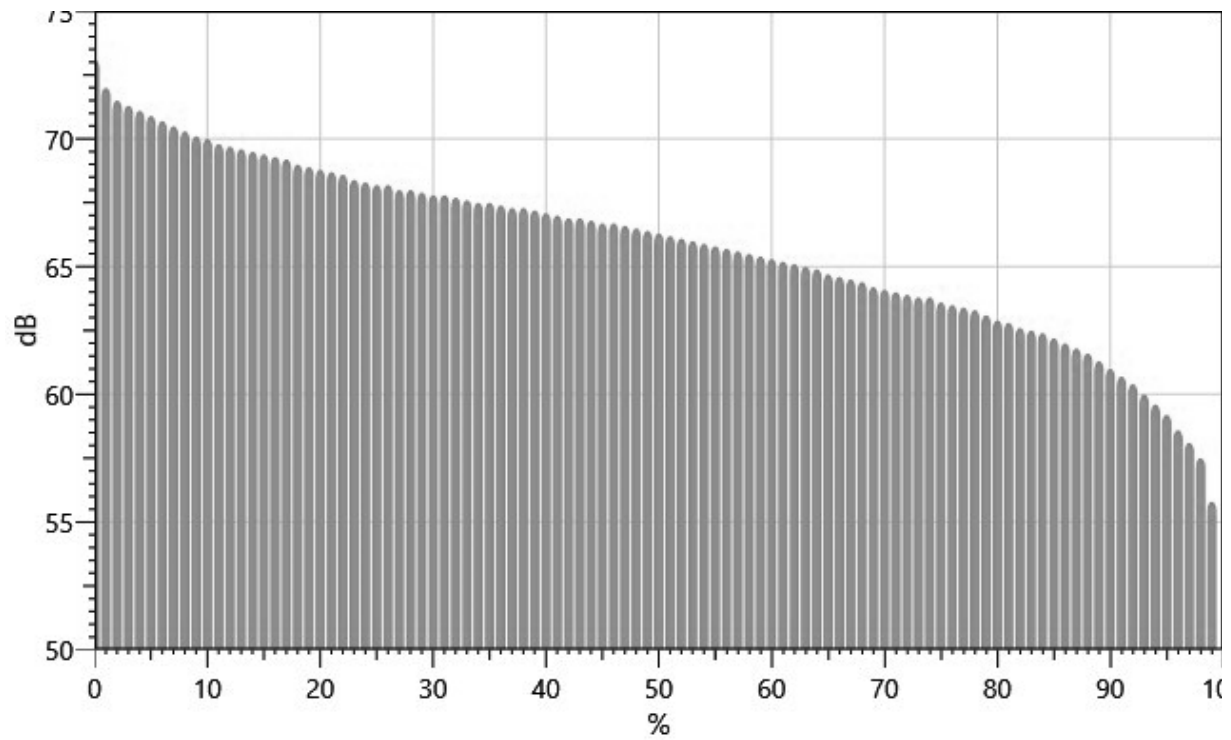
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		73.1	72.0	71.5	71.3	71.1	70.9	70.7	70.5	70.3
10%:	70.1	70.0	69.8	69.7	69.6	69.5	69.4	69.3	69.2	69.0
20%:	68.9	68.8	68.7	68.6	68.4	68.3	68.2	68.2	68.0	68.0
30%:	67.9	67.8	67.8	67.7	67.6	67.5	67.5	67.4	67.3	67.3
40%:	67.2	67.1	67.0	66.9	66.9	66.8	66.7	66.7	66.6	66.5

50%:	66.4	66.3	66.2	66.1	66.0	65.9	65.8	65.7	65.6	65.5
60%:	65.4	65.3	65.2	65.1	65.0	64.9	64.7	64.6	64.5	64.4
70%:	64.2	64.1	64.0	63.9	63.8	63.8	63.6	63.5	63.4	63.3
80%:	63.1	62.9	62.8	62.6	62.5	62.4	62.2	62.0	61.8	61.6
90%:	61.3	61.0	60.7	60.4	60.0	59.6	59.2	58.6	58.1	57.5
100%:	55.8									

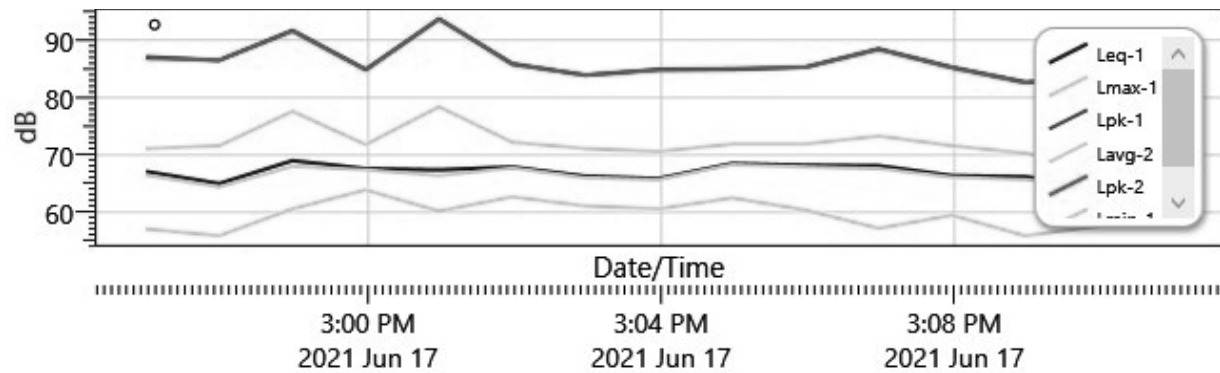
Exceedance Chart

S040_BIG080015_17062021_202641: Exceedance Chart



Logged Data Chart

S040_BIG080015_17062021_202641: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 2:56:58 PM	67.1	71.1	57.1	87.1
2:57:58 PM	65	71.6	55.9	86.5
2:58:58 PM	69	77.6	60.6	91.7
2:59:58 PM	67.6	71.8	63.9	84.9
3:00:58 PM	67.4	78.4	60.2	93.7
3:01:58 PM	67.9	72.2	62.7	85.9
3:02:58 PM	66.3	71.1	61.1	83.9
3:03:58 PM	65.9	70.6	60.6	84.9
3:04:58 PM	68.5	71.9	62.5	84.9
3:05:58 PM	68.2	71.9	60.4	85.3
3:06:58 PM	68.1	73.3	57.2	88.5
3:07:58 PM	66.4	71.6	59.5	85.3
3:08:58 PM	66.2	70.3	55.9	82.7
3:09:58 PM	64.7	68.3	57.6	83.6
3:10:58 PM	69.4	73.3	66.4	88

Session Report

6/18/2021

Information Panel

Name S013_BIF090005_17062021_204239
Start Time 6/17/2021 2:53:04 PM
Stop Time 6/17/2021 3:08:04 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from fence #4 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	67.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

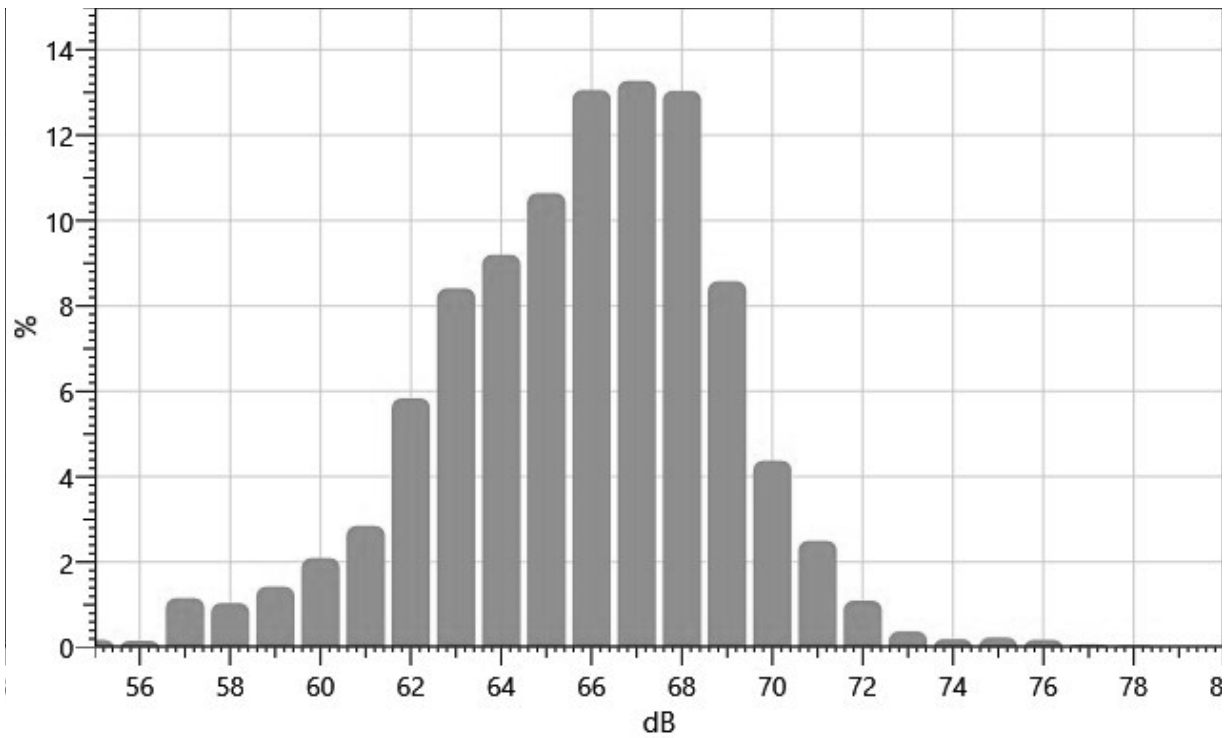
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.03	0.02	0.02	0.02	0.04	0.02	0.02	0.18
56:	0.01	0.02	0.01	0.01	0.02	0.01	0.02	0.01	0.01	0.03	0.16
57:	0.03	0.01	0.01	0.05	0.04	0.16	0.23	0.27	0.19	0.16	1.15
58:	0.13	0.13	0.13	0.07	0.08	0.14	0.13	0.07	0.07	0.08	1.04
59:	0.08	0.13	0.10	0.15	0.17	0.15	0.12	0.22	0.15	0.15	1.42
60:	0.13	0.18	0.15	0.19	0.18	0.22	0.32	0.26	0.20	0.27	2.09
61:	0.21	0.25	0.29	0.34	0.30	0.34	0.33	0.39	0.17	0.22	2.85
62:	0.33	0.47	0.47	0.62	0.69	0.78	0.63	0.61	0.61	0.62	5.84
63:	0.83	0.88	0.58	0.66	0.85	0.95	0.97	0.88	0.85	0.96	8.41
64:	1.05	0.86	0.98	0.88	0.90	0.84	0.86	1.01	0.98	0.83	9.20
65:	0.92	0.84	0.90	1.05	1.00	1.01	1.10	1.28	1.28	1.26	10.64
66:	1.27	1.39	0.78	1.01	1.28	1.33	1.37	1.81	1.52	1.29	13.06
67:	1.51	1.75	1.39	1.40	1.16	1.17	1.08	1.28	1.29	1.23	13.27
68:	1.28	1.23	1.30	1.38	1.25	1.28	1.35	1.38	1.31	1.29	13.04

69:	1.28	1.27	0.77	0.89	0.97	0.79	0.85	0.70	0.53	0.54	8.58
70:	0.46	0.48	0.37	0.39	0.44	0.53	0.46	0.48	0.44	0.32	4.38
71:	0.26	0.24	0.30	0.30	0.19	0.24	0.25	0.20	0.33	0.20	2.50
72:	0.27	0.14	0.18	0.06	0.14	0.10	0.09	0.04	0.04	0.04	1.10
73:	0.03	0.03	0.04	0.08	0.10	0.03	0.01	0.02	0.01	0.02	0.37
74:	0.02	0.03	0.02	0.02	0.02	0.01	0.02	0.02	0.01	0.02	0.20
75:	0.01	0.02	0.03	0.01	0.03	0.02	0.01	0.02	0.07	0.02	0.23
76:	0.02	0.06	0.06	0.02	0.00	0.01	0.00	0.01	0.00	0.01	0.18
77:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
78:	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

Statistics Chart

S013_BIF090005_17062021_204239: Statistics Chart



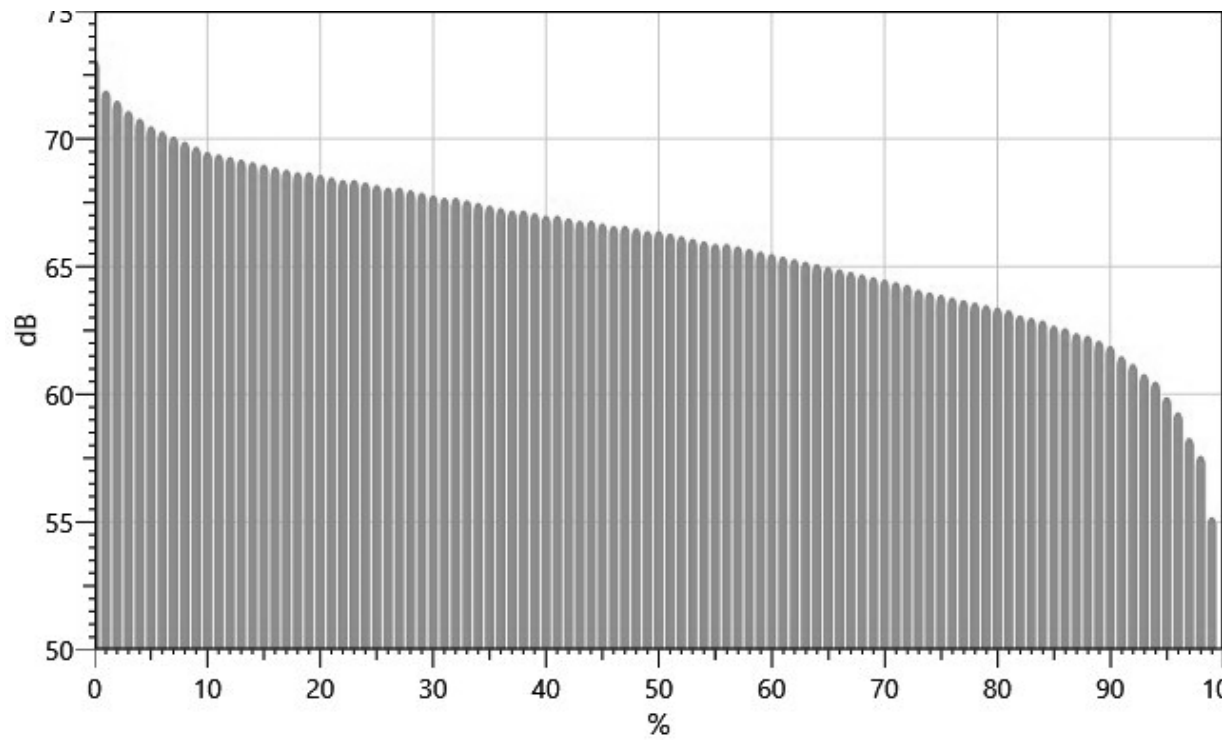
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		73.1	71.9	71.5	71.1	70.8	70.5	70.3	70.1	69.9
10%:	69.7	69.5	69.4	69.3	69.2	69.1	69.0	68.9	68.8	68.7
20%:	68.7	68.6	68.5	68.4	68.4	68.3	68.2	68.1	68.1	68.0
30%:	67.9	67.8	67.7	67.7	67.6	67.5	67.4	67.3	67.2	67.2
40%:	67.1	67.0	67.0	66.9	66.8	66.8	66.7	66.6	66.6	66.5

50%:	66.4	66.4	66.3	66.2	66.1	66.0	65.9	65.9	65.8	65.7
60%:	65.6	65.5	65.4	65.3	65.2	65.1	65.0	64.9	64.8	64.7
70%:	64.6	64.5	64.4	64.3	64.1	64.0	63.9	63.8	63.7	63.6
80%:	63.5	63.4	63.3	63.1	63.0	62.9	62.7	62.6	62.4	62.3
90%:	62.1	61.9	61.5	61.2	60.8	60.5	59.9	59.3	58.3	57.6
100%:	55.2									

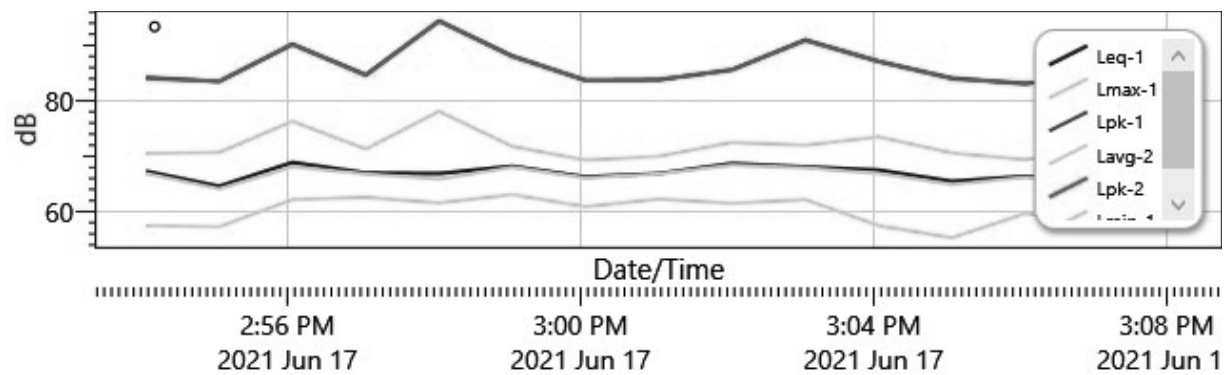
Exceedance Chart

S013_BIF090005_17062021_204239: Exceedance Chart



Logged Data Chart

S013_BIF090005_17062021_204239: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 2:54:04 PM	67.3	70.5	57.5	84.2
2:55:04 PM	64.6	70.7	57.3	83.5
2:56:04 PM	68.9	76.3	62.2	90.2
2:57:04 PM	67	71.3	62.6	84.7
2:58:04 PM	66.9	78.1	61.6	94.4
2:59:04 PM	68.2	71.8	63.1	88.1
3:00:04 PM	66.3	69.3	60.9	83.7
3:01:04 PM	66.9	70	62.3	83.8
3:02:04 PM	68.7	72.5	61.5	85.6
3:03:04 PM	68.1	72	62.2	91
3:04:04 PM	67.5	73.5	57.5	87.1
3:05:04 PM	65.5	70.6	55.3	84.1
3:06:04 PM	66.4	69.4	59.7	83.1
3:07:04 PM	65.6	71.6	57.6	84.7
3:08:04 PM	68.9	72.7	63	86.2

Session Report

6/18/2021

Information Panel

Name S014_BIH050004_17062021_205941
Start Time 6/17/2021 2:54:53 PM
Stop Time 6/17/2021 3:09:53 PM
Device Name BIH050004
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 200' from fence #4 - Preconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	60.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	IMPULSE			

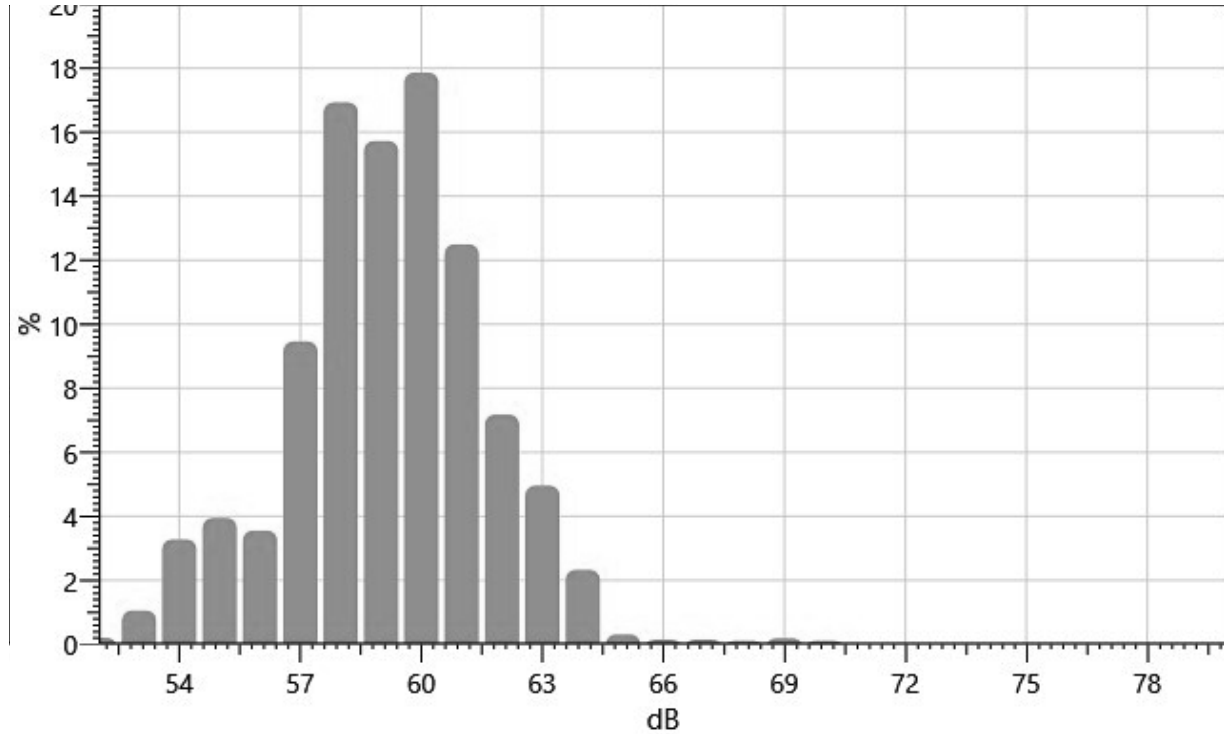
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
52:	0.00	0.00	0.00	0.00	0.03	0.04	0.03	0.05	0.03	0.03	0.21
53:	0.11	0.08	0.05	0.09	0.06	0.06	0.02	0.17	0.23	0.20	1.06
54:	0.19	0.35	0.23	0.16	0.17	0.26	0.46	0.59	0.58	0.30	3.28
55:	0.37	0.35	0.28	0.36	0.50	0.43	0.47	0.43	0.46	0.29	3.95
56:	0.24	0.40	0.37	0.25	0.21	0.23	0.44	0.41	0.48	0.51	3.55
57:	0.34	0.40	0.48	0.82	0.96	1.32	1.06	0.89	1.59	1.59	9.46
58:	1.39	1.69	1.13	1.74	1.84	1.91	1.88	1.57	1.76	2.02	16.93
59:	2.10	1.60	1.54	1.47	1.44	1.46	1.44	1.38	1.58	1.71	15.73
60:	1.62	1.50	1.38	1.43	1.99	2.27	2.11	1.89	1.78	1.89	17.86
61:	1.82	2.01	0.84	1.57	1.35	1.23	1.08	0.97	0.76	0.88	12.50
62:	0.99	0.98	0.89	0.88	0.75	0.52	0.53	0.61	0.63	0.40	7.18
63:	0.47	0.66	0.46	0.41	0.38	0.64	0.46	0.54	0.40	0.55	4.96
64:	0.48	0.49	0.18	0.13	0.16	0.14	0.24	0.29	0.15	0.06	2.33
65:	0.06	0.06	0.04	0.01	0.02	0.01	0.05	0.03	0.01	0.01	0.31

66:	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.14
67:	0.02	0.02	0.02	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.15
68:	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.01	0.11
69:	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.05	0.03	0.19
70:	0.05	0.02	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.11

Statistics Chart

S014_BIH050004_17062021_205941: Statistics Chart



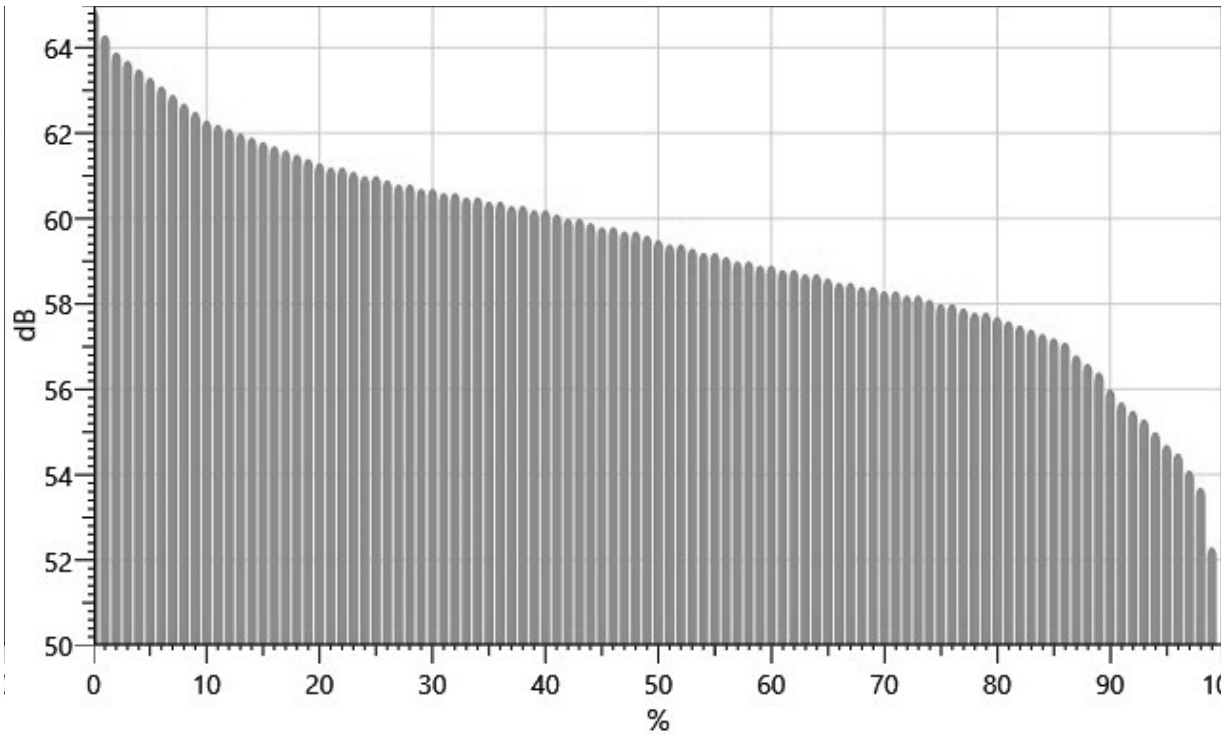
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		64.9	64.3	63.9	63.7	63.5	63.3	63.1	62.9	62.7
10%:	62.5	62.3	62.2	62.1	62.0	61.9	61.8	61.7	61.6	61.5
20%:	61.4	61.3	61.2	61.2	61.1	61.0	61.0	60.9	60.8	60.8
30%:	60.7	60.7	60.6	60.6	60.5	60.5	60.4	60.4	60.3	60.3
40%:	60.2	60.2	60.1	60.0	60.0	59.9	59.8	59.8	59.7	59.7
50%:	59.6	59.5	59.4	59.4	59.3	59.2	59.2	59.1	59.0	59.0
60%:	58.9	58.9	58.8	58.8	58.7	58.7	58.6	58.5	58.5	58.4
70%:	58.4	58.3	58.3	58.2	58.2	58.1	58.0	58.0	57.9	57.8
80%:	57.8	57.7	57.6	57.5	57.4	57.3	57.2	57.1	56.8	56.6
90%:	56.4	56.0	55.7	55.5	55.3	55.0	54.7	54.5	54.1	53.7

100%: 52.3

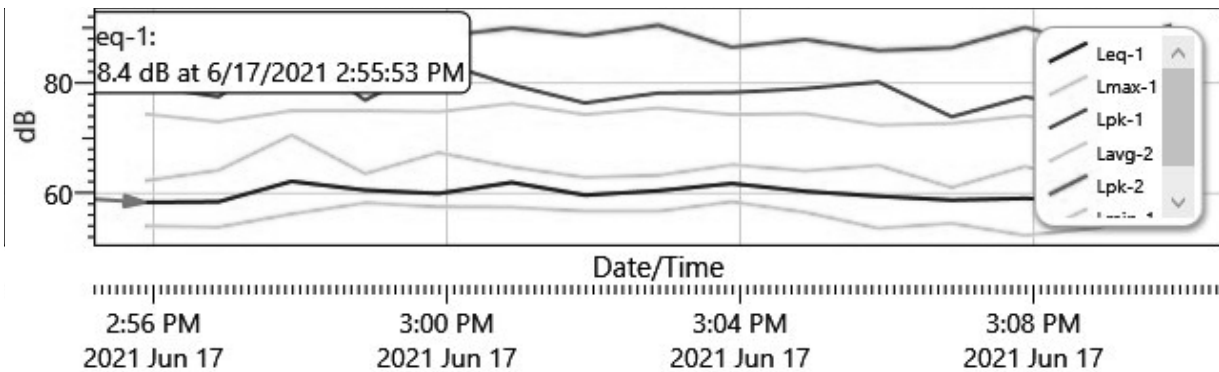
Exceedance Chart

S014_BIH050004_17062021_205941: Exceedance Chart



Logged Data Chart

S014_BIH050004_17062021_205941: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
6/17/2021 2:55:53 PM	58.4	62.3	54.1	79.6
2:56:53 PM	58.5	64.2	53.9	77.5
2:57:53 PM	62.2	70.6	56.3	86.5

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:58:53 PM	60.6	63.6	58.3	76.9
2:59:53 PM	60	67.4	57.6	83.8
3:00:53 PM	62	64.8	57.5	79.7
3:01:53 PM	59.7	62.9	56.8	76.4
3:02:53 PM	60.5	63.3	56.8	78.2
3:03:53 PM	61.8	65.2	58.5	78.3
3:04:53 PM	60.4	64.1	56.6	79
3:05:53 PM	59.5	65.1	53.7	80.2
3:06:53 PM	58.8	61.1	54.6	73.9
3:07:53 PM	59.1	64.9	52.4	77.5
3:08:53 PM	58.6	61.4	53.8	75.3
3:09:53 PM	62.1	64	59.2	77.2

Session Report

7/21/2021

Information Panel

Name S018_BHF080013_21072021_153830
Start Time 7/21/2021 9:17:11 AM
Stop Time 7/21/2021 9:32:11 AM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 1 TOW Reading 1

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

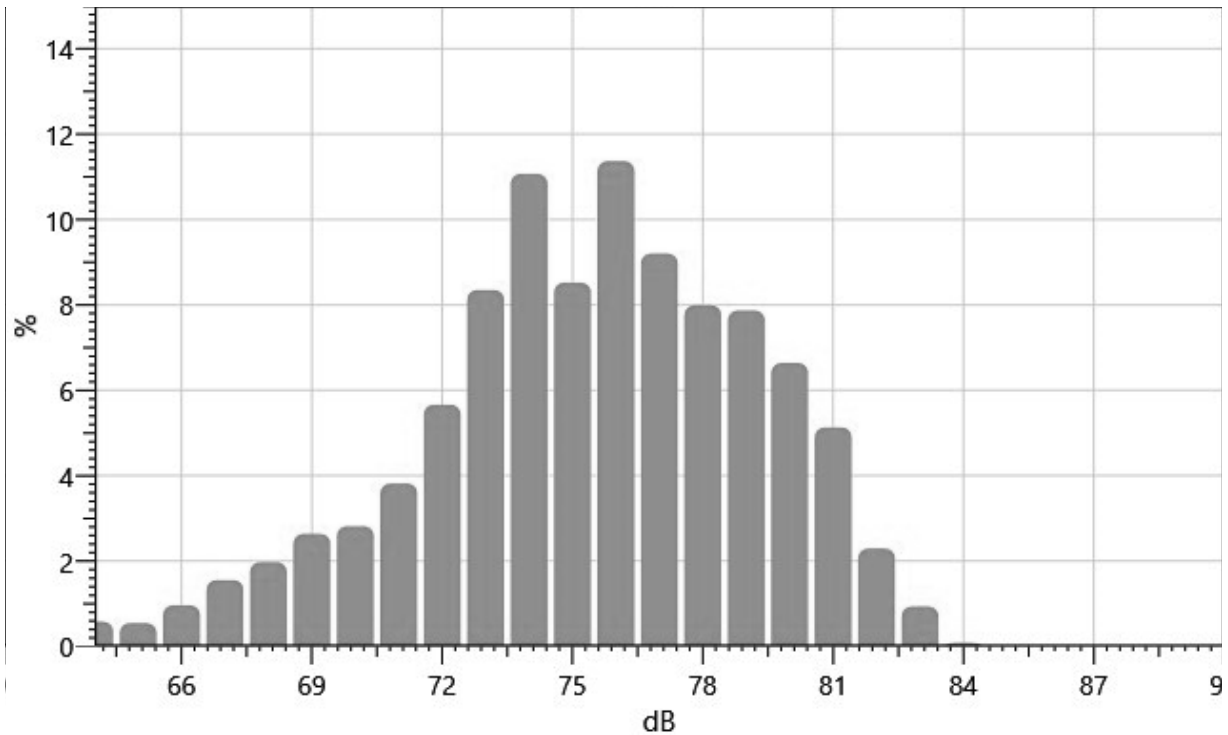
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
64:	0.00	0.00	0.04	0.05	0.08	0.07	0.06	0.13	0.11	0.04	0.58
65:	0.04	0.05	0.12	0.04	0.04	0.02	0.02	0.08	0.04	0.10	0.55
66:	0.08	0.06	0.06	0.06	0.08	0.23	0.19	0.09	0.05	0.07	0.97
67:	0.09	0.16	0.12	0.20	0.21	0.17	0.13	0.18	0.16	0.14	1.55
68:	0.13	0.20	0.15	0.12	0.15	0.26	0.17	0.21	0.22	0.36	1.97
69:	0.19	0.21	0.26	0.23	0.29	0.30	0.28	0.27	0.29	0.32	2.64
70:	0.36	0.26	0.29	0.22	0.20	0.24	0.24	0.21	0.29	0.50	2.82
71:	0.50	0.51	0.41	0.23	0.34	0.37	0.43	0.37	0.35	0.31	3.82
72:	0.31	0.38	0.47	0.56	0.63	0.63	0.64	0.69	0.55	0.81	5.66
73:	0.73	0.82	0.81	0.71	0.75	0.81	0.77	0.93	0.98	1.04	8.35
74:	1.43	1.28	1.29	0.91	1.11	1.06	1.26	0.95	0.79	0.98	11.07
75:	1.02	0.96	0.92	0.89	0.77	0.79	0.82	0.75	0.80	0.78	8.52
76:	1.00	1.11	1.16	1.15	1.24	1.24	1.17	1.17	1.05	1.06	11.37
77:	1.11	0.97	1.12	0.94	0.94	0.92	0.97	0.73	0.73	0.77	9.20

78:	0.72	0.76	0.76	0.81	0.82	0.87	0.93	0.82	0.75	0.75	7.99
79:	0.67	0.75	0.88	0.85	0.93	0.97	0.83	0.65	0.66	0.68	7.87
80:	0.74	0.69	0.68	0.62	0.74	0.71	0.73	0.65	0.54	0.53	6.64
81:	0.60	0.60	0.59	0.55	0.52	0.53	0.46	0.39	0.39	0.49	5.13
82:	0.36	0.23	0.27	0.24	0.23	0.22	0.27	0.19	0.11	0.17	2.29
83:	0.15	0.21	0.10	0.07	0.04	0.02	0.07	0.11	0.05	0.10	0.94
84:	0.04	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.08

Statistics Chart

S018_BHF080013_21072021_153830: Statistics Chart



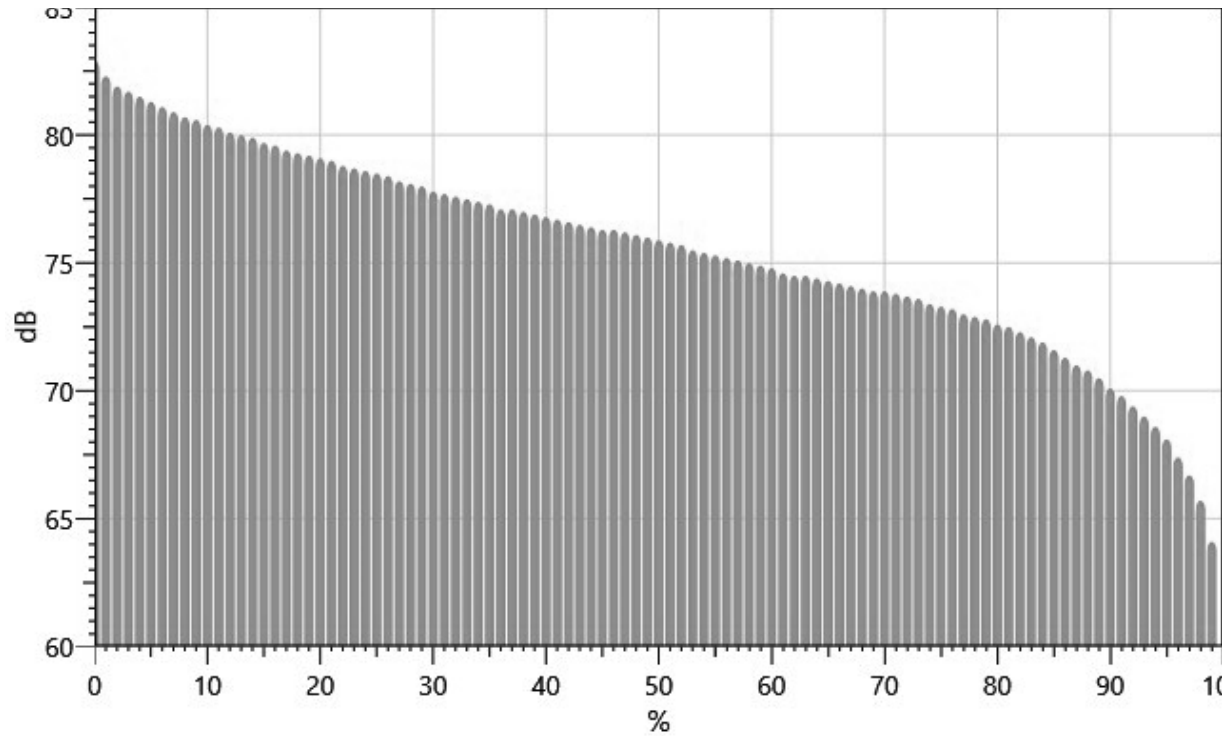
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		82.9	82.3	81.9	81.7	81.5	81.3	81.1	80.9	80.7
10%:	80.6	80.4	80.3	80.1	80.0	79.9	79.7	79.6	79.4	79.3
20%:	79.2	79.1	79.0	78.8	78.7	78.6	78.5	78.4	78.2	78.1
30%:	78.0	77.8	77.7	77.6	77.5	77.4	77.3	77.1	77.1	77.0
40%:	76.9	76.8	76.7	76.6	76.5	76.4	76.3	76.3	76.2	76.1
50%:	76.0	75.9	75.8	75.7	75.5	75.4	75.3	75.2	75.1	75.0
60%:	74.9	74.8	74.6	74.5	74.5	74.4	74.3	74.2	74.1	74.0
70%:	73.9	73.9	73.8	73.7	73.6	73.4	73.3	73.2	73.0	72.9

80%:	72.8	72.6	72.5	72.3	72.1	71.9	71.6	71.3	71.0	70.8
90%:	70.5	70.1	69.8	69.4	69.0	68.6	68.1	67.4	66.7	65.7
100%:	64.1									

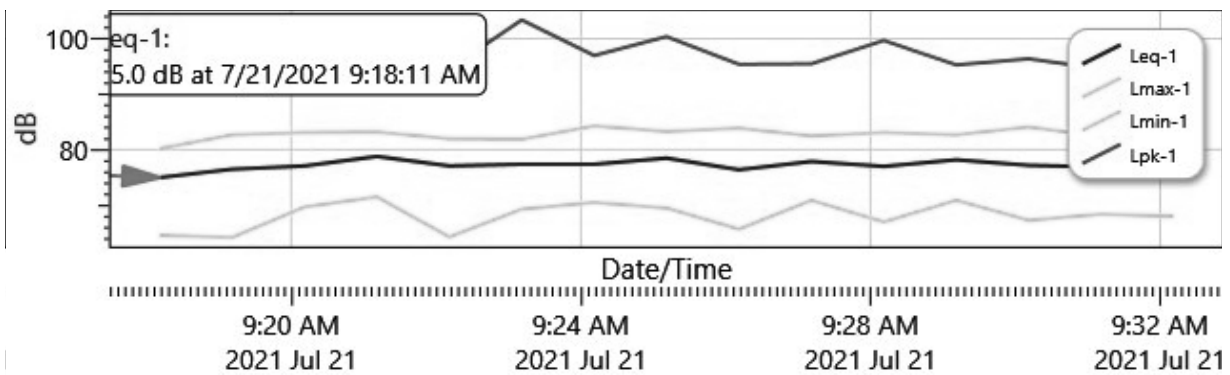
Exceedance Chart

S018_BHF080013_21072021_153830: Exceedance Chart



Logged Data Chart

S018_BHF080013_21072021_153830: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/21/2021 9:18:11 AM	75	80.2	64.6	93.8

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:19:11 AM	76.5	82.7	64.2	96.2
9:20:11 AM	77.1	83.1	69.7	96
9:21:11 AM	78.8	83.2	71.5	98
9:22:11 AM	77.1	82	64.3	94.6
9:23:11 AM	77.4	81.9	69.3	103.4
9:24:11 AM	77.4	84.3	70.5	97
9:25:11 AM	78.5	83.3	69.5	100.4
9:26:11 AM	76.4	83.9	65.7	95.4
9:27:11 AM	77.9	82.5	70.9	95.5
9:28:11 AM	77	83.1	67	99.7
9:29:11 AM	78.2	82.7	70.9	95.3
9:30:11 AM	77.2	84.1	67.3	96.4
9:31:11 AM	76.9	82.4	68.4	94.6
9:32:11 AM	76.6	83.2	68	96.3

Session Report

7/21/2021

Information Panel

Name S041_BIG080015_21072021_170615
Start Time 7/21/2021 9:17:56 AM
Stop Time 7/21/2021 9:32:56 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 - 10' from Vinyl Wall - 1

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	64 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

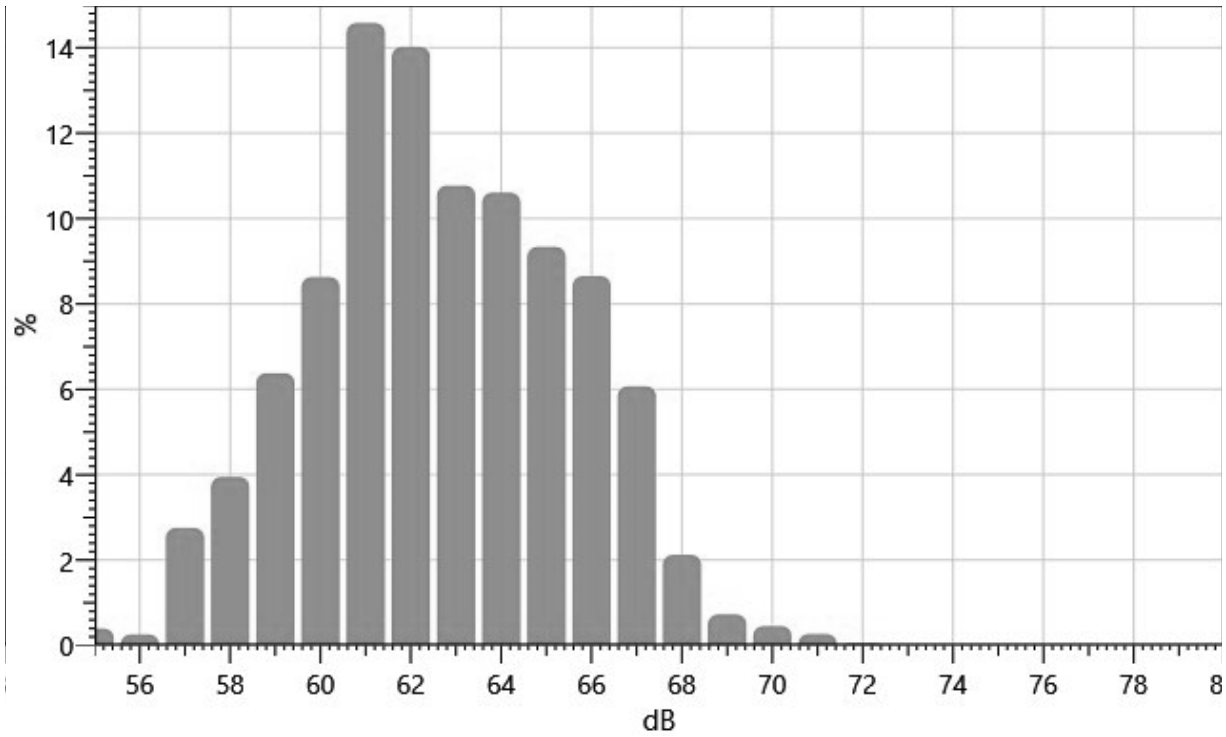
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.17	0.13	0.05	0.39
56:	0.04	0.01	0.06	0.05	0.02	0.01	0.03	0.03	0.01	0.02	0.26
57:	0.07	0.11	0.18	0.30	0.33	0.40	0.45	0.28	0.35	0.28	2.75
58:	0.32	0.31	0.35	0.30	0.30	0.36	0.40	0.63	0.53	0.44	3.95
59:	0.44	0.37	0.44	0.56	0.73	0.55	0.84	0.89	0.73	0.83	6.38
60:	0.75	0.76	0.69	0.79	0.76	0.95	0.97	0.92	0.94	1.09	8.63
61:	1.09	1.00	1.48	1.27	1.55	1.40	1.45	1.66	1.79	1.89	14.58
62:	1.51	1.20	1.51	1.52	1.34	1.44	1.42	1.37	1.39	1.31	14.02
63:	1.13	1.10	0.89	1.20	1.13	1.10	1.09	1.17	0.97	0.99	10.77
64:	1.07	1.15	0.99	0.90	1.10	1.06	1.13	1.20	1.05	0.96	10.61
65:	1.26	0.90	0.69	0.93	1.17	1.15	0.96	0.97	0.71	0.59	9.34
66:	0.64	0.65	0.85	0.92	0.87	0.91	0.79	0.88	1.01	1.14	8.65
67:	0.89	0.77	0.61	0.56	0.51	0.47	0.50	0.58	0.65	0.54	6.07
68:	0.41	0.38	0.18	0.21	0.15	0.17	0.14	0.19	0.22	0.09	2.12

69:	0.08	0.08	0.10	0.08	0.06	0.07	0.07	0.10	0.05	0.03	0.72
70:	0.04	0.03	0.06	0.06	0.06	0.03	0.05	0.05	0.06	0.03	0.45
71:	0.02	0.04	0.02	0.03	0.04	0.03	0.06	0.02	0.01	0.01	0.27
72:	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S041_BIG080015_21072021_170615: Statistics Chart

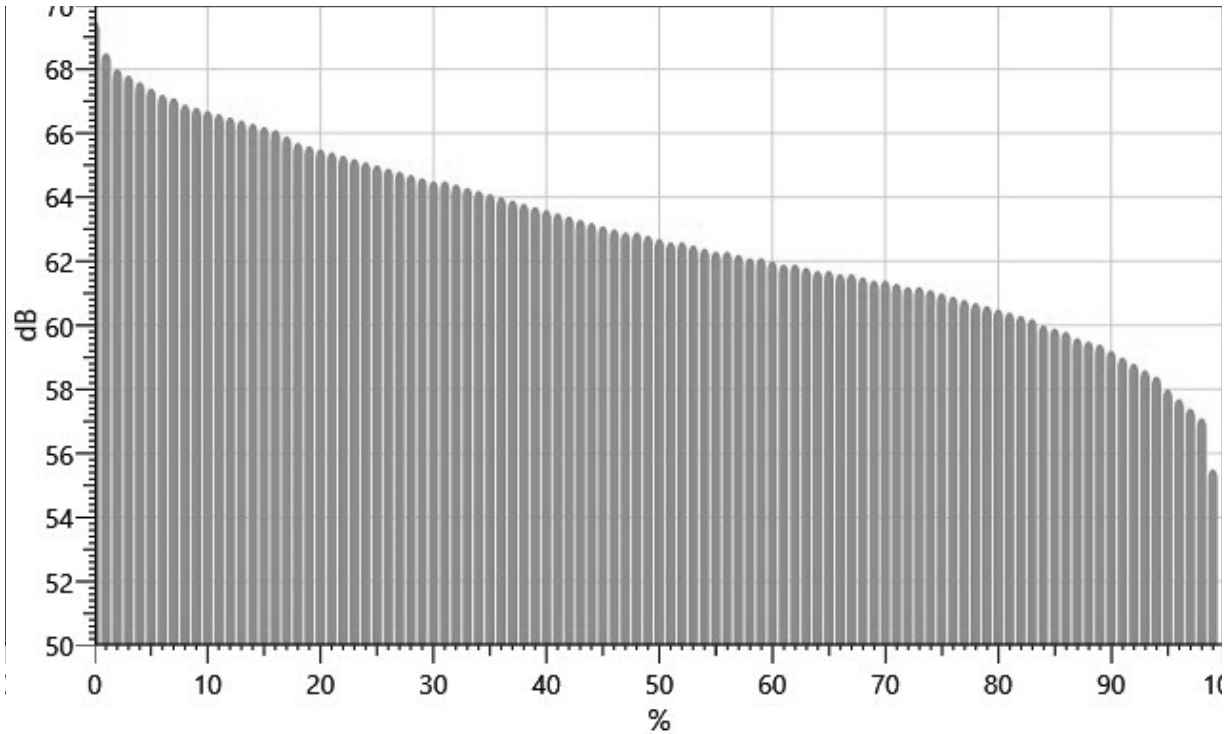


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		69.5	68.5	68.0	67.8	67.6	67.4	67.2	67.1	66.9
10%:	66.8	66.7	66.6	66.5	66.4	66.3	66.2	66.1	65.9	65.7
20%:	65.6	65.5	65.4	65.3	65.2	65.1	65.0	64.9	64.8	64.7
30%:	64.6	64.5	64.5	64.4	64.3	64.2	64.1	64.0	63.9	63.8
40%:	63.7	63.6	63.5	63.4	63.3	63.2	63.1	63.0	62.9	62.9
50%:	62.8	62.7	62.6	62.6	62.5	62.4	62.3	62.3	62.2	62.1
60%:	62.1	62.0	61.9	61.9	61.8	61.7	61.7	61.6	61.6	61.5
70%:	61.4	61.4	61.3	61.2	61.2	61.1	61.0	60.9	60.8	60.7
80%:	60.6	60.5	60.4	60.3	60.2	60.0	59.9	59.8	59.6	59.5
90%:	59.4	59.2	59.0	58.8	58.6	58.4	58.0	57.7	57.4	57.1
100%:	55.5									

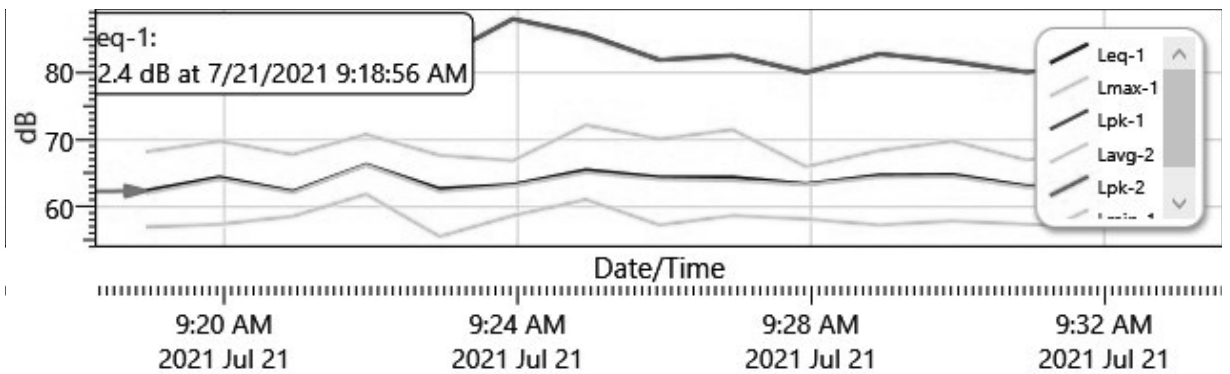
Exceedance Chart

S041_BIG080015_21072021_170615: Exceedance Chart



Logged Data Chart

S041_BIG080015_21072021_170615: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/21/2021 9:18:56 AM	62.4	68.2	57	80.7
9:19:56 AM	64.4	69.8	57.4	81.7
9:20:56 AM	62.3	67.8	58.6	81.5
9:21:56 AM	66.3	70.8	61.9	83.1
9:22:56 AM	62.7	67.7	55.6	82.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:23:56 AM	63.3	66.9	58.7	88
9:24:56 AM	65.5	72.2	61.1	85.8
9:25:56 AM	64.4	70.1	57.3	81.9
9:26:56 AM	64.4	71.5	58.7	82.6
9:27:56 AM	63.4	66	58.2	80
9:28:56 AM	64.7	68.4	57.3	82.8
9:29:56 AM	64.8	69.8	57.9	81.6
9:30:56 AM	63.1	67	57.4	80.1
9:31:56 AM	63.2	68.3	57.1	81
9:32:56 AM	63.5	68	60.1	81.5

Session Report

8/2/2021

Information Panel

Name S695_BGH030008_02082021_151620
Start Time 7/21/2021 9:17:43 AM
Stop Time 7/21/2021 9:32:43 AM
Device Name BIH030011
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 3 Vinyl wall - 1 -50' from wall

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Exchange Rate	1	4 dB	Weighting	1	A
Response	1	FAST	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	SLOW			

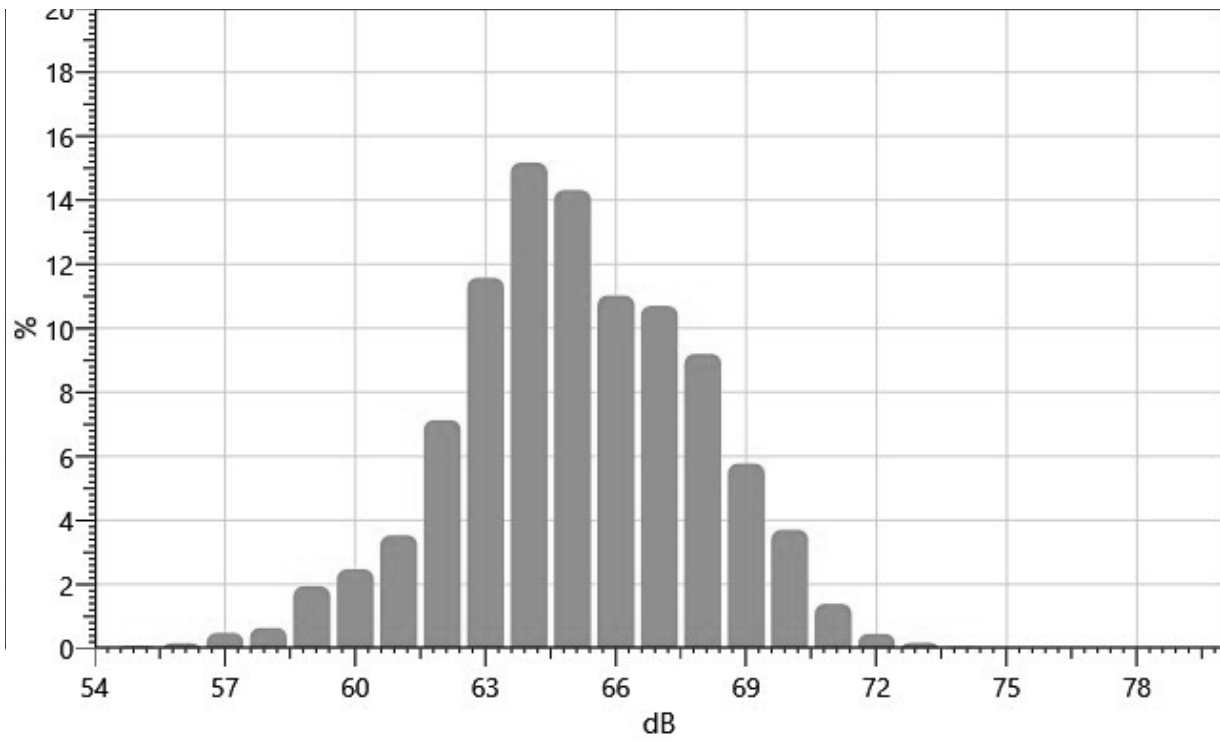
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
54:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02
55:	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.02	0.07
56:	0.02	0.01	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.16
57:	0.03	0.03	0.06	0.08	0.05	0.05	0.04	0.03	0.05	0.07	0.48
58:	0.09	0.08	0.07	0.06	0.03	0.05	0.05	0.05	0.07	0.10	0.64
59:	0.12	0.11	0.15	0.17	0.16	0.22	0.23	0.27	0.26	0.26	1.94
60:	0.24	0.31	0.22	0.21	0.22	0.21	0.22	0.28	0.26	0.29	2.47
61:	0.28	0.26	0.29	0.32	0.31	0.36	0.41	0.43	0.41	0.47	3.53
62:	0.54	0.46	0.44	0.67	0.76	0.78	0.89	0.89	0.84	0.85	7.13
63:	0.89	0.98	1.08	1.10	1.15	1.18	1.31	1.28	1.29	1.32	11.57
64:	1.26	1.21	1.32	1.41	1.48	1.65	1.85	1.67	1.63	1.69	15.17
65:	1.68	1.55	1.23	1.47	1.52	1.45	1.39	1.41	1.30	1.31	14.31
66:	1.08	1.07	1.01	1.09	1.15	1.14	1.10	1.19	1.11	1.08	11.02
67:	1.02	1.04	1.02	1.00	1.03	1.12	1.11	1.15	1.08	1.12	10.70
68:	1.31	1.25	0.70	1.01	0.93	0.84	0.83	0.76	0.78	0.79	9.20

69:	0.75	0.66	0.65	0.57	0.55	0.60	0.52	0.52	0.50	0.45	5.77
70:	0.36	0.41	0.38	0.41	0.40	0.41	0.36	0.32	0.33	0.32	3.70
71:	0.24	0.26	0.12	0.13	0.12	0.16	0.08	0.09	0.11	0.10	1.39
72:	0.07	0.06	0.05	0.05	0.03	0.05	0.04	0.05	0.02	0.03	0.45
73:	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.18
74:	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.05
75:	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02
76:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Statistics Chart

S695_BGH030008_02082021_151620: Statistics Chart



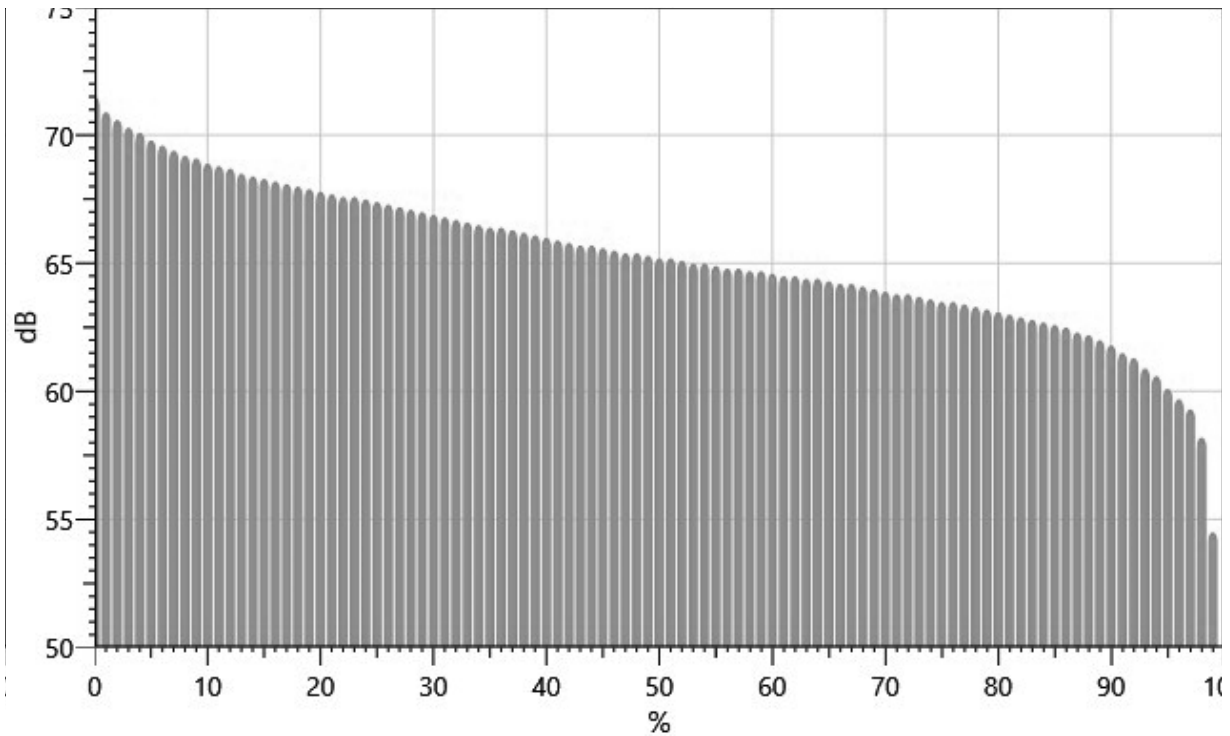
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		71.5	70.9	70.6	70.3	70.1	69.8	69.6	69.4	69.2
10%:	69.1	68.9	68.8	68.7	68.5	68.4	68.3	68.2	68.1	68.0
20%:	67.9	67.8	67.7	67.6	67.6	67.5	67.4	67.3	67.2	67.1
30%:	67.0	66.9	66.8	66.7	66.6	66.5	66.4	66.4	66.3	66.2
40%:	66.1	66.0	65.9	65.8	65.7	65.7	65.6	65.5	65.4	65.4
50%:	65.3	65.2	65.2	65.1	65.0	65.0	64.9	64.8	64.8	64.7
60%:	64.7	64.6	64.5	64.5	64.4	64.4	64.3	64.2	64.2	64.1

70%:	64.0	63.9	63.8	63.8	63.7	63.6	63.5	63.5	63.4	63.3
80%:	63.2	63.1	63.0	62.9	62.8	62.7	62.6	62.5	62.3	62.2
90%:	62.0	61.8	61.5	61.3	60.9	60.6	60.1	59.7	59.3	58.2
100%:	54.5									

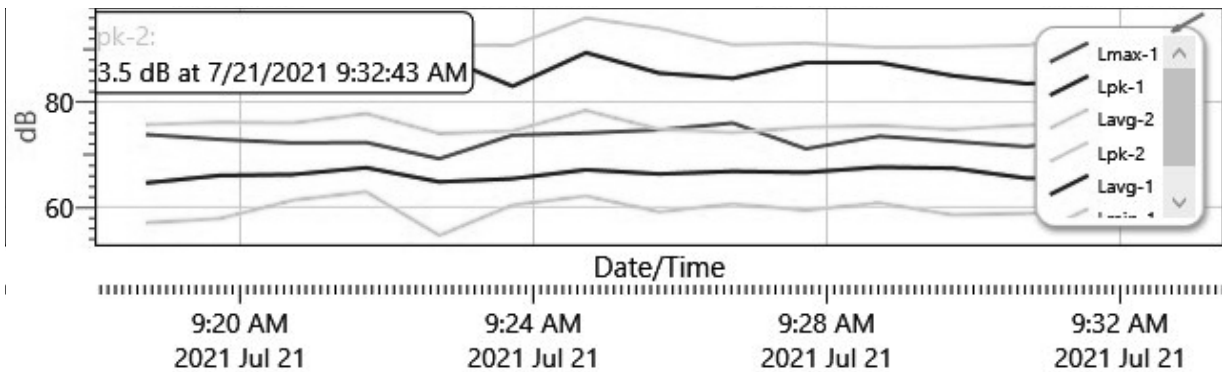
Exceedance Chart

S695_BGH030008_02082021_151620: Exceedance Chart



Logged Data Chart

S695_BGH030008_02082021_151620: Logged Data Chart



Logged Data Table

Date/Time	Lavg-1	Lmax-1	Lmin-1	Lpk-1
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Date/Time	Lavg-1	Lmax-1	Lmin-1	Lpk-1
7/21/2021 9:18:43 AM	64.6	73.8	57	82.7
9:19:43 AM	66	72.9	57.8	83.3
9:20:43 AM	66.2	72.2	61.3	83.5
9:21:43 AM	67.5	72.3	62.9	85
9:22:43 AM	64.8	69.2	54.6	88.8
9:23:43 AM	65.4	73.7	60.4	83
9:24:43 AM	67.1	74.1	62.1	89.4
9:25:43 AM	66.3	74.7	59.1	85.5
9:26:43 AM	66.8	76	60.6	84.5
9:27:43 AM	66.6	71.1	59.4	87.5
9:28:43 AM	67.6	73.5	60.8	87.5
9:29:43 AM	67.4	72.5	58.5	85
9:30:43 AM	65.5	71.5	58.8	83.5
9:31:43 AM	65.3	73.2	59.4	84
9:32:43 AM	65.2	69.4	61	83.5

Session Report

7/21/2021

Information Panel

Name S013_BIF090003_21072021_184147
Start Time 7/21/2021 9:17:22 AM
Stop Time 7/21/2021 9:32:22 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 - 100' from vinyl wall 1 - postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	66.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	FAST			

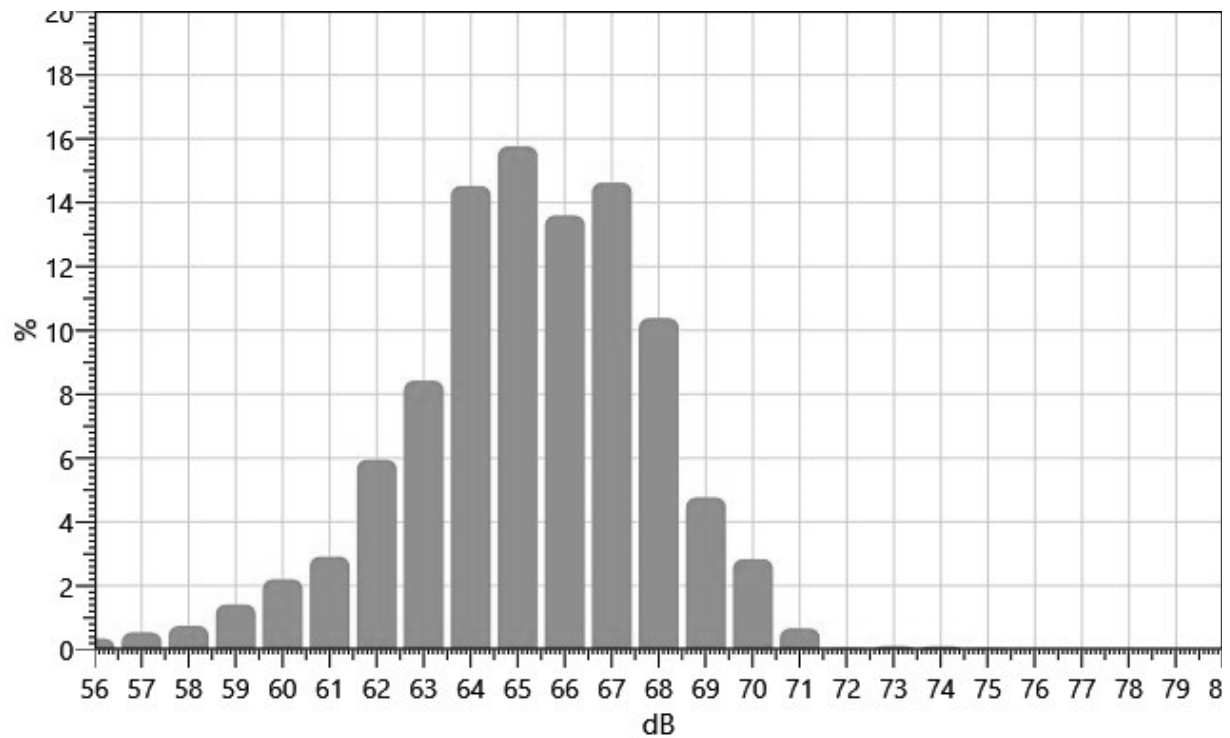
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.03	0.07	0.11	0.05	0.03	0.02	0.01	0.01	0.02	0.35
57:	0.05	0.03	0.04	0.04	0.12	0.09	0.04	0.04	0.05	0.05	0.54
58:	0.03	0.10	0.08	0.05	0.11	0.06	0.05	0.10	0.08	0.07	0.74
59:	0.06	0.07	0.11	0.15	0.20	0.22	0.15	0.14	0.16	0.16	1.42
60:	0.13	0.11	0.17	0.26	0.18	0.22	0.26	0.34	0.28	0.26	2.20
61:	0.24	0.18	0.17	0.24	0.17	0.24	0.37	0.33	0.48	0.49	2.91
62:	0.66	0.57	0.54	0.56	0.53	0.44	0.42	0.49	0.82	0.91	5.95
63:	0.93	0.75	0.83	0.81	0.72	0.79	0.80	0.91	0.94	0.95	8.43
64:	0.90	1.10	1.32	1.50	1.48	1.51	1.44	1.53	1.81	1.94	14.53
65:	1.88	1.23	1.27	1.71	1.51	1.61	1.89	1.75	1.49	1.43	15.76
66:	1.36	1.23	1.38	1.50	1.28	1.20	1.30	1.49	1.38	1.49	13.60
67:	1.08	1.34	1.32	1.41	1.46	1.51	1.65	1.68	1.77	1.41	14.63
68:	1.69	1.36	0.77	1.18	1.03	0.88	1.05	0.90	0.76	0.77	10.38
69:	0.57	0.41	0.43	0.57	0.54	0.48	0.43	0.45	0.44	0.44	4.77

70:	0.45	0.34	0.43	0.33	0.22	0.22	0.21	0.23	0.19	0.20	2.84
71:	0.10	0.18	0.09	0.09	0.08	0.06	0.06	0.01	0.00	0.01	0.67
72:	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.05
73:	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.11
74:	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.10
75:	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

Statistics Chart

S013_BIF090003_21072021_184147: Statistics Chart



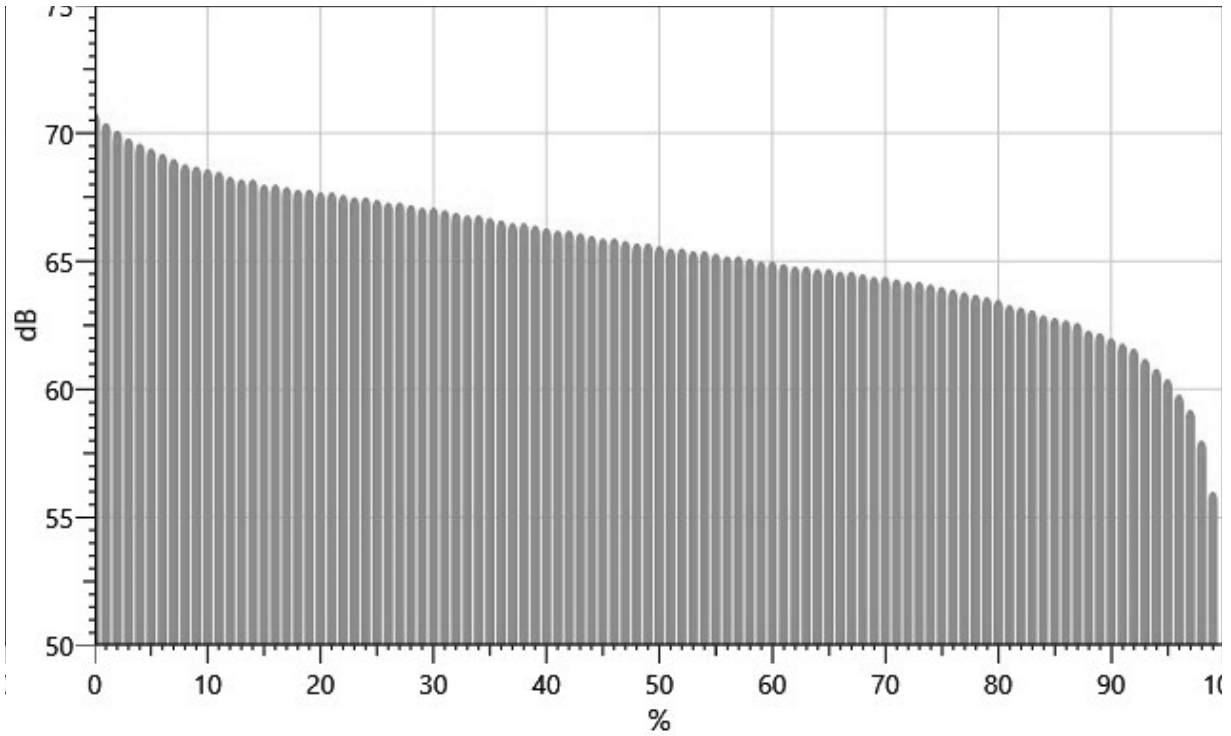
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		70.8	70.4	70.1	69.8	69.6	69.4	69.2	69.0	68.8
10%:	68.7	68.6	68.5	68.3	68.2	68.2	68.0	68.0	67.9	67.8
20%:	67.8	67.7	67.7	67.6	67.5	67.5	67.4	67.3	67.3	67.2
30%:	67.1	67.1	67.0	66.9	66.8	66.8	66.7	66.6	66.5	66.5
40%:	66.4	66.3	66.2	66.2	66.1	66.0	65.9	65.9	65.8	65.7
50%:	65.7	65.6	65.5	65.5	65.4	65.4	65.3	65.2	65.2	65.1
60%:	65.0	65.0	64.9	64.8	64.8	64.7	64.7	64.6	64.6	64.5
70%:	64.4	64.4	64.3	64.2	64.2	64.1	64.0	63.9	63.8	63.7
80%:	63.6	63.5	63.3	63.2	63.1	62.9	62.8	62.7	62.6	62.3

90%: 62.2 62.0 61.8 61.6 61.2 60.8 60.4 59.8 59.2 58.0
 100%: 56.0

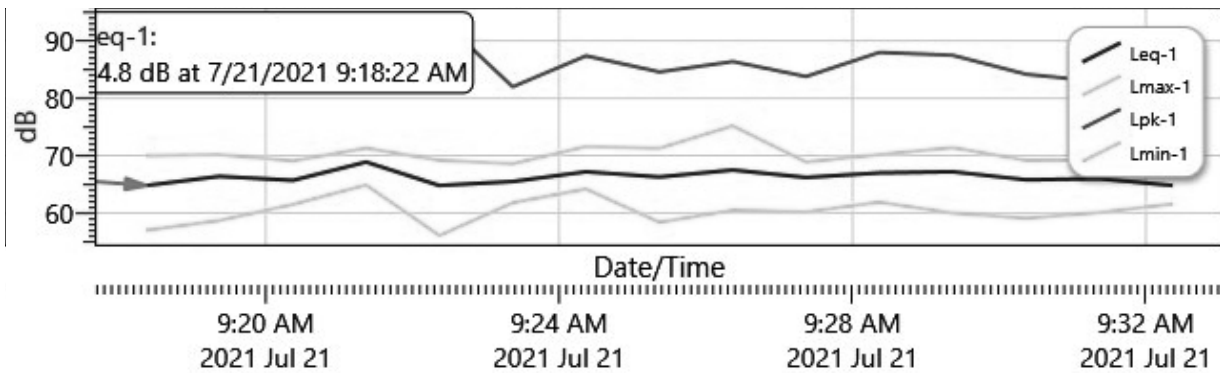
Exceedance Chart

S013_BIF090003_21072021_184147: Exceedance Chart



Logged Data Chart

S013_BIF090003_21072021_184147: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/21/2021 9:18:22 AM	64.8	70	57	82.8
9:19:22 AM	66.4	70.2	58.7	83.9

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:20:22 AM	65.7	69.1	61.5	82.1
9:21:22 AM	68.9	71.3	64.9	87.6
9:22:22 AM	64.8	69.2	56.1	94
9:23:22 AM	65.5	68.6	61.8	82
9:24:22 AM	67.2	71.6	64.2	87.4
9:25:22 AM	66.3	71.3	58.4	84.6
9:26:22 AM	67.5	75.2	60.5	86.4
9:27:22 AM	66.2	68.9	60.2	83.8
9:28:22 AM	67	70.2	61.9	88
9:29:22 AM	67.2	71.4	60	87.5
9:30:22 AM	65.8	69.2	59.1	84.2
9:31:22 AM	66	69.3	60.1	82.9
9:32:22 AM	64.8	67.7	61.6	83.1

Session Report

7/21/2021

Information Panel

Name S014_BIF090005_21072021_185808
Start Time 7/21/2021 9:16:51 AM
Stop Time 7/21/2021 9:31:51 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 - 200' from Vinyl wall-1 - Post construction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

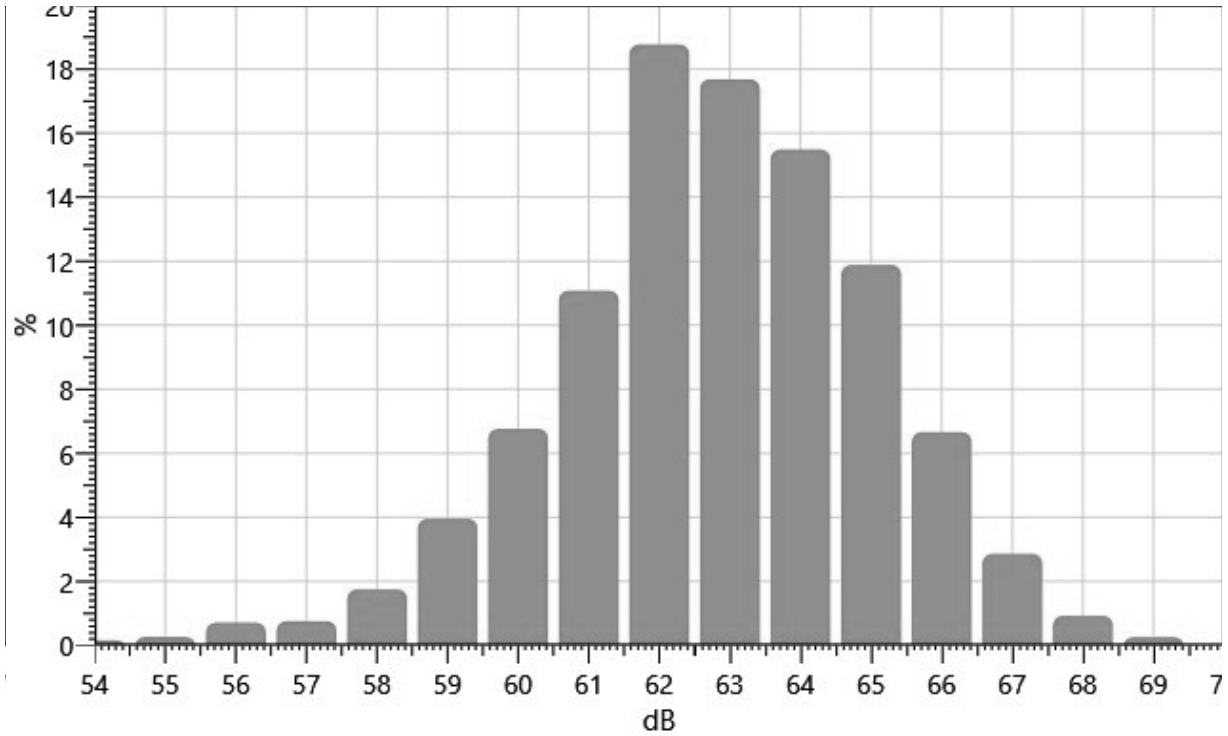
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
54:	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07	0.02	0.02	0.16
55:	0.02	0.02	0.01	0.03	0.02	0.01	0.01	0.04	0.06	0.04	0.27
56:	0.07	0.03	0.03	0.09	0.09	0.11	0.08	0.09	0.08	0.05	0.71
57:	0.11	0.09	0.11	0.08	0.07	0.05	0.04	0.04	0.07	0.11	0.76
58:	0.07	0.08	0.13	0.08	0.12	0.14	0.16	0.15	0.48	0.35	1.75
59:	0.22	0.27	0.27	0.49	0.53	0.48	0.47	0.37	0.39	0.46	3.96
60:	0.85	0.95	0.47	0.50	0.47	0.51	0.67	0.77	0.89	0.69	6.77
61:	0.66	0.77	0.79	0.79	1.33	1.40	1.31	1.41	1.26	1.35	11.08
62:	1.57	1.34	1.58	1.77	1.89	2.21	1.89	2.37	2.08	2.09	18.77
63:	2.20	2.11	1.38	1.77	1.68	1.66	1.70	1.80	1.75	1.64	17.68
64:	1.51	1.74	1.53	1.61	1.99	1.58	1.38	1.43	1.53	1.18	15.49
65:	1.29	1.46	1.25	1.23	1.44	1.12	0.97	0.96	1.04	1.11	11.89
66:	1.03	0.90	0.63	0.65	0.59	0.56	0.57	0.72	0.51	0.50	6.66
67:	0.44	0.45	0.44	0.33	0.25	0.17	0.26	0.19	0.14	0.20	2.86

68:	0.17	0.09	0.05	0.05	0.07	0.09	0.13	0.09	0.11	0.08	0.93
69:	0.08	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.00	0.26

Statistics Chart

S014_BIF090005_21072021_185808: Statistics Chart

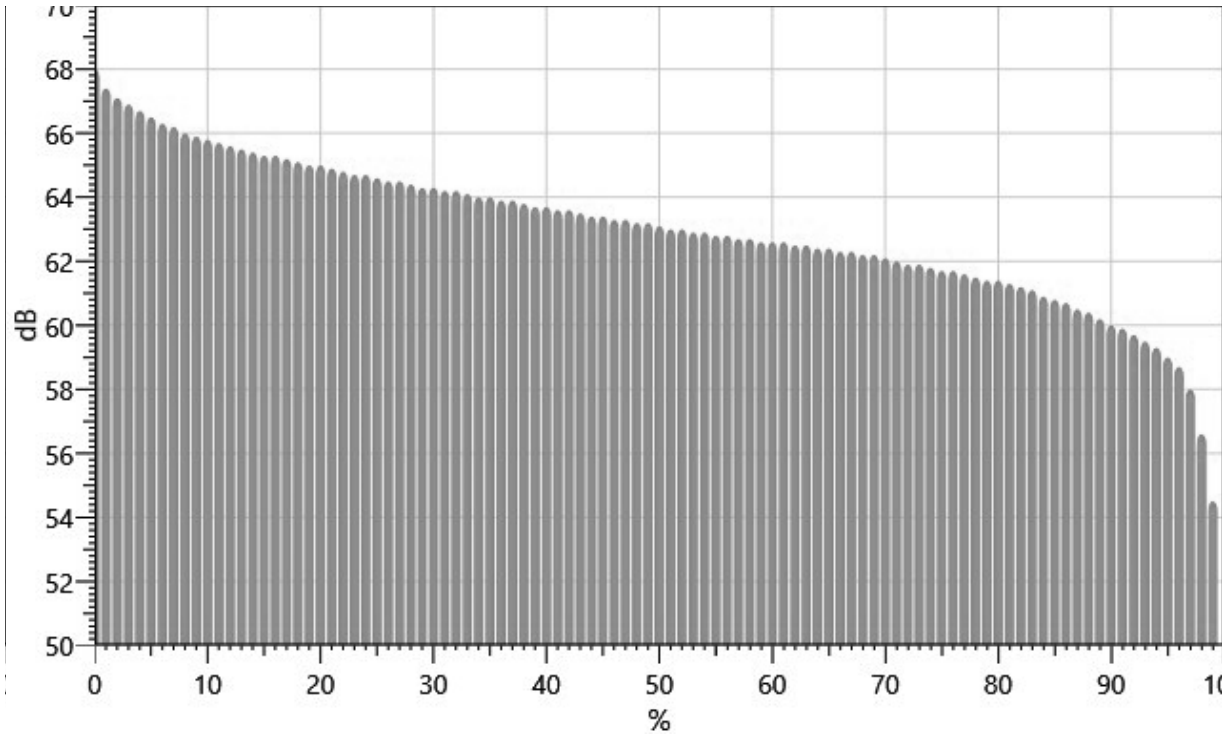


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		68.0	67.4	67.1	66.9	66.7	66.5	66.3	66.2	66.0
10%:	65.9	65.8	65.7	65.6	65.5	65.4	65.3	65.3	65.2	65.1
20%:	65.0	65.0	64.9	64.8	64.7	64.7	64.6	64.5	64.5	64.4
30%:	64.3	64.3	64.2	64.2	64.1	64.0	64.0	63.9	63.9	63.8
40%:	63.7	63.7	63.6	63.6	63.5	63.4	63.4	63.3	63.3	63.2
50%:	63.2	63.1	63.0	63.0	62.9	62.9	62.8	62.8	62.7	62.7
60%:	62.6	62.6	62.6	62.5	62.5	62.4	62.4	62.3	62.3	62.2
70%:	62.2	62.1	62.0	61.9	61.9	61.8	61.7	61.7	61.6	61.5
80%:	61.4	61.4	61.3	61.2	61.1	60.9	60.8	60.7	60.5	60.4
90%:	60.2	60.0	59.9	59.7	59.5	59.3	59.0	58.7	58.0	56.6
100%:	54.5									

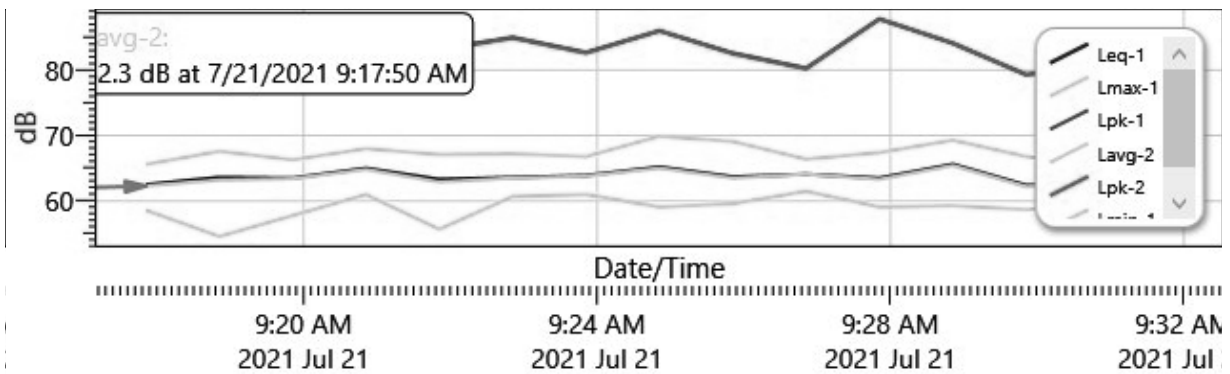
Exceedance Chart

S014_BIF090005_21072021_185808: Exceedance Chart



Logged Data Chart

S014_BIF090005_21072021_185808: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/21/2021 9:17:51 AM	62.5	65.6	58.6	78.4
9:18:51 AM	63.6	67.6	54.6	80.8
9:19:51 AM	63.5	66.3	57.8	81.5
9:20:51 AM	65	68	61	84.3
9:21:51 AM	63.3	67.1	55.7	83.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:22:51 AM	63.6	67.2	60.7	85
9:23:51 AM	63.9	66.8	61	82.7
9:24:51 AM	65.2	69.9	59.1	86
9:25:51 AM	63.7	69.1	59.6	82.6
9:26:51 AM	64.1	66.4	61.5	80.3
9:27:51 AM	63.5	67.4	59.1	87.8
9:28:51 AM	65.6	69.3	59.3	84.1
9:29:51 AM	62.4	66.8	58.7	79.3
9:30:51 AM	62.7	65.4	59.5	80.7
9:31:51 AM	62.5	65.4	59.9	78.3

Session Report

7/21/2021

Information Panel

Name S019_BHF080013_21072021_153833
Start Time 7/21/2021 10:22:02 AM
Stop Time 7/21/2021 10:37:02 AM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Lima-Top of Existing Wall-Reading 1

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	82.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

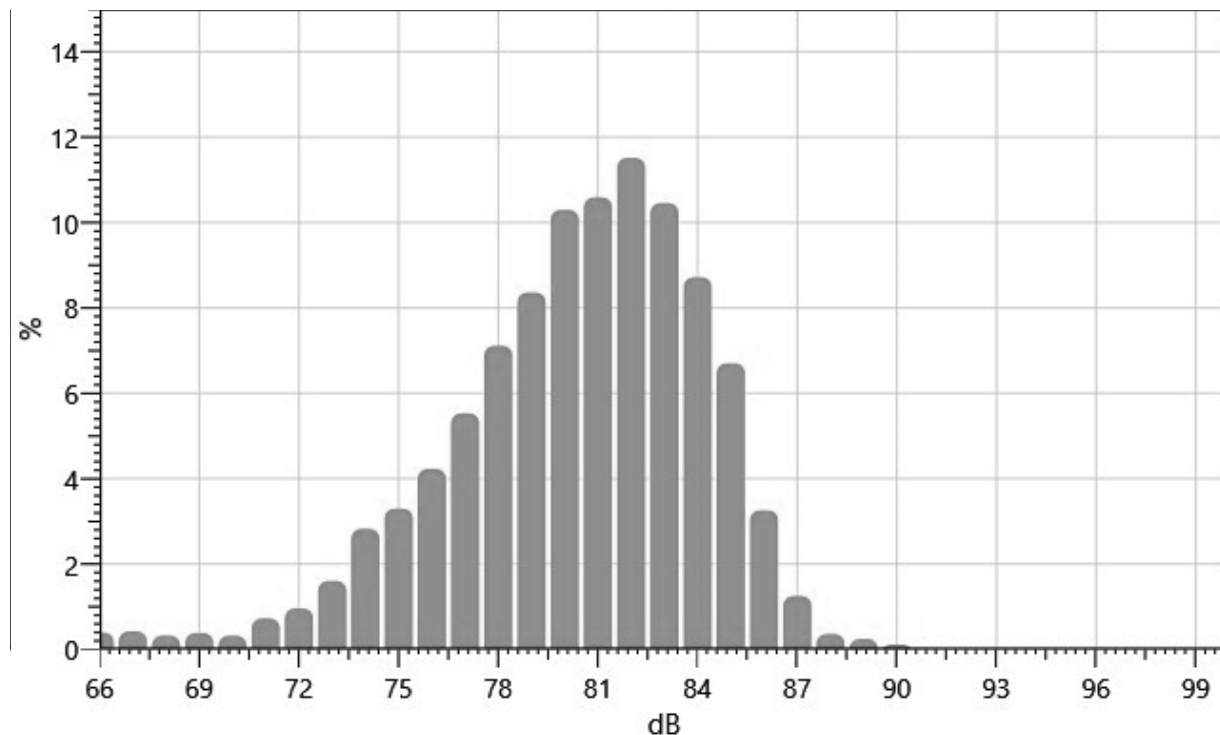
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
66:	0.05	0.05	0.03	0.03	0.04	0.07	0.04	0.03	0.02	0.05	0.40
67:	0.07	0.04	0.03	0.03	0.05	0.03	0.04	0.04	0.04	0.03	0.42
68:	0.05	0.05	0.06	0.02	0.05	0.03	0.05	0.01	0.01	0.01	0.32
69:	0.07	0.09	0.06	0.03	0.02	0.03	0.02	0.02	0.01	0.02	0.38
70:	0.02	0.02	0.02	0.02	0.02	0.03	0.05	0.03	0.05	0.06	0.32
71:	0.08	0.05	0.05	0.02	0.04	0.05	0.09	0.10	0.09	0.17	0.73
72:	0.11	0.11	0.17	0.08	0.09	0.09	0.09	0.08	0.07	0.08	0.96
73:	0.11	0.11	0.13	0.13	0.14	0.17	0.16	0.22	0.24	0.21	1.60
74:	0.24	0.47	0.43	0.20	0.21	0.22	0.22	0.34	0.23	0.26	2.82
75:	0.28	0.35	0.33	0.27	0.32	0.27	0.37	0.35	0.36	0.40	3.30
76:	0.38	0.32	0.36	0.47	0.51	0.42	0.46	0.42	0.39	0.51	4.23
77:	0.63	0.52	0.59	0.39	0.46	0.56	0.52	0.55	0.64	0.67	5.53
78:	0.60	0.69	0.70	0.79	0.63	0.77	0.67	0.78	0.73	0.75	7.12
79:	0.69	0.78	0.72	0.76	0.90	0.84	0.84	1.01	0.87	0.95	8.36

80:	1.11	1.12	1.20	0.88	1.03	1.02	0.94	0.97	0.97	1.05	10.30
81:	0.95	1.21	0.93	0.94	0.97	1.08	1.06	1.05	1.17	1.24	10.59
82:	1.18	1.11	1.07	1.12	1.14	1.14	1.31	1.29	1.05	1.12	11.52
83:	1.11	1.36	1.35	1.04	0.82	0.96	0.95	1.02	1.01	0.83	10.45
84:	0.85	0.94	0.85	0.86	0.78	0.96	0.97	0.89	0.77	0.85	8.72
85:	0.75	0.73	0.86	0.90	0.68	0.63	0.52	0.58	0.48	0.58	6.70
86:	0.51	0.45	0.47	0.39	0.29	0.29	0.25	0.23	0.18	0.20	3.26
87:	0.13	0.15	0.14	0.12	0.15	0.17	0.15	0.13	0.06	0.07	1.25
88:	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.36
89:	0.03	0.03	0.05	0.05	0.02	0.03	0.01	0.01	0.01	0.01	0.24
90:	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.02	0.00	0.11

Statistics Chart

S019_BHF080013_21072021_153833: Statistics Chart



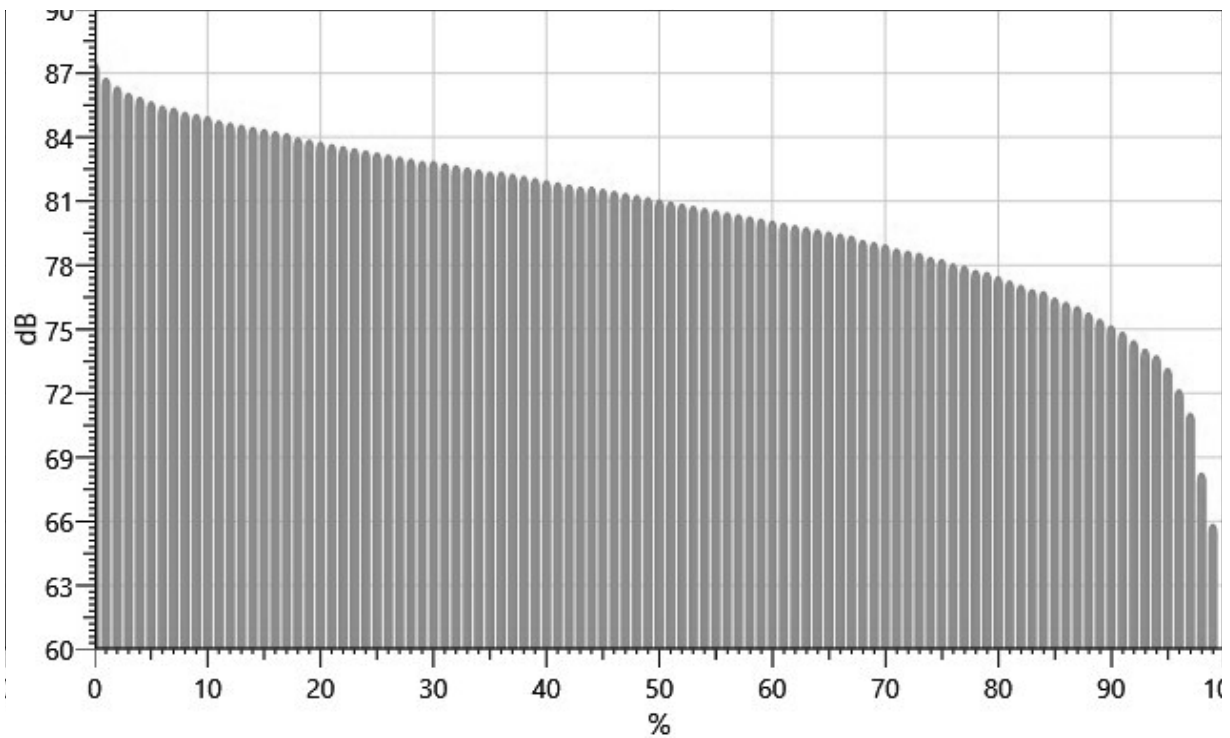
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		87.5	86.8	86.4	86.1	85.9	85.7	85.5	85.4	85.2
10%:	85.1	85.0	84.8	84.7	84.6	84.5	84.4	84.3	84.2	84.0
20%:	83.9	83.8	83.7	83.6	83.5	83.4	83.3	83.2	83.1	83.0
30%:	82.9	82.9	82.8	82.7	82.6	82.5	82.4	82.4	82.3	82.2

40%:	82.1	82.0	81.9	81.8	81.7	81.7	81.6	81.5	81.4	81.3
50%:	81.2	81.1	81.0	80.9	80.8	80.7	80.6	80.5	80.4	80.3
60%:	80.2	80.1	80.0	79.9	79.8	79.7	79.6	79.5	79.4	79.2
70%:	79.1	79.0	78.8	78.7	78.6	78.4	78.3	78.1	78.0	77.8
80%:	77.7	77.5	77.3	77.1	76.9	76.8	76.5	76.3	76.1	75.8
90%:	75.5	75.2	74.9	74.5	74.1	73.8	73.2	72.2	71.1	68.3
100%:	65.9									

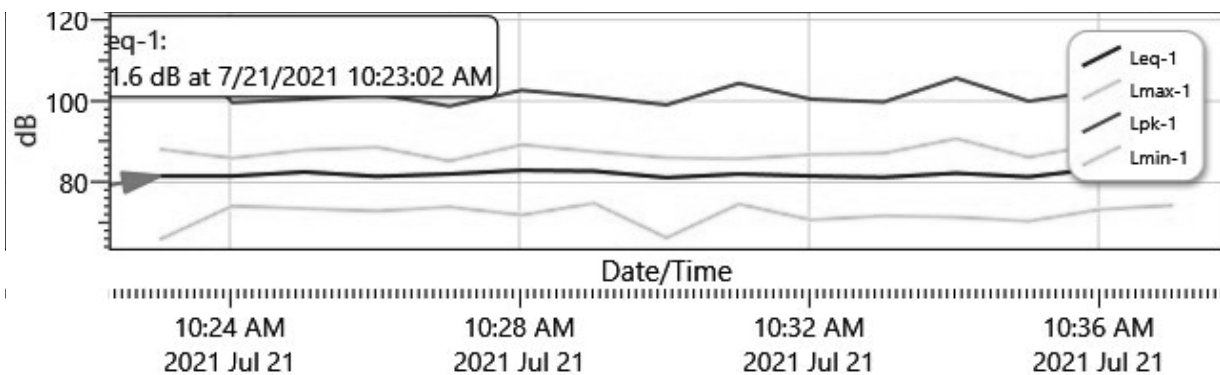
Exceedance Chart

S019_BHF080013_21072021_153833: Exceedance Chart



Logged Data Chart

S019_BHF080013_21072021_153833: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/21/2021 10:23:02 AM	81.6	88.2	66	119.5
10:24:02 AM	81.6	86	74.2	99.7
10:25:02 AM	82.6	88	73.6	100.5
10:26:02 AM	81.5	88.7	73	101.7
10:27:02 AM	82.1	85.3	74	98.8
10:28:02 AM	83	89.3	72	102.7
10:29:02 AM	82.8	87.6	74.9	101.1
10:30:02 AM	81.2	86.1	66.4	99.1
10:31:02 AM	82.1	85.8	74.7	104.4
10:32:02 AM	81.6	86.9	70.8	100.5
10:33:02 AM	81.3	87.2	71.8	99.8
10:34:02 AM	82.3	90.8	71.5	105.7
10:35:02 AM	81.4	86.2	70.5	100
10:36:02 AM	83.5	89.6	73.4	102.6
10:37:02 AM	82.7	87.9	74.4	103.8

Session Report

7/21/2021

Information Panel

Name S042_BIG080015_21072021_170617
Start Time 7/21/2021 10:23:14 AM
Stop Time 7/21/2021 10:38:14 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 10' from EX Wall-1-Post Construction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

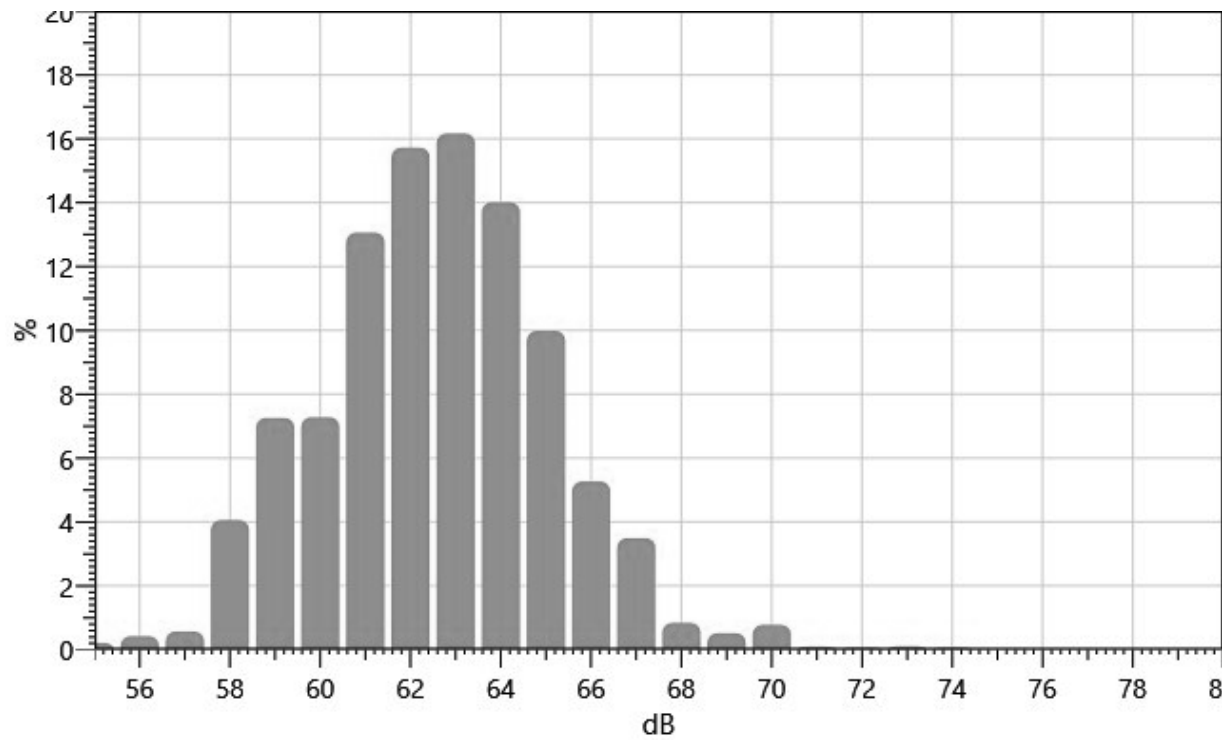
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.11	0.06	0.22
56:	0.11	0.03	0.05	0.05	0.06	0.02	0.04	0.03	0.01	0.03	0.43
57:	0.02	0.03	0.03	0.03	0.03	0.07	0.10	0.11	0.07	0.07	0.57
58:	0.17	0.33	0.27	0.19	0.23	0.35	0.46	0.56	0.76	0.73	4.06
59:	0.61	0.61	0.74	0.69	0.93	0.95	0.69	0.55	0.72	0.77	7.26
60:	0.63	0.76	0.63	0.72	0.65	0.63	0.75	0.62	0.84	1.05	7.28
61:	0.97	1.16	1.03	0.95	1.09	1.30	1.56	1.78	1.55	1.68	13.07
62:	1.65	1.47	1.72	1.71	1.90	1.48	1.52	1.47	1.40	1.41	15.73
63:	1.60	1.83	1.64	1.32	1.39	1.56	1.48	1.53	1.80	2.00	16.17
64:	1.62	1.49	1.31	1.59	1.33	1.37	1.21	1.23	1.36	1.50	14.01
65:	1.30	1.03	0.88	0.91	1.03	1.17	1.04	0.93	0.97	0.72	9.99
66:	0.71	0.56	0.56	0.62	0.52	0.51	0.39	0.45	0.47	0.48	5.27
67:	0.45	0.30	0.38	0.49	0.44	0.42	0.39	0.25	0.19	0.19	3.49
68:	0.22	0.12	0.08	0.08	0.06	0.05	0.05	0.06	0.06	0.06	0.84

69:	0.05	0.05	0.05	0.05	0.06	0.06	0.05	0.06	0.05	0.03	0.52
70:	0.05	0.04	0.03	0.07	0.08	0.07	0.07	0.12	0.07	0.18	0.78
71:	0.04	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.09
72:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
73:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.10
74:	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06

Statistics Chart

S042_BIG080015_21072021_170617: Statistics Chart



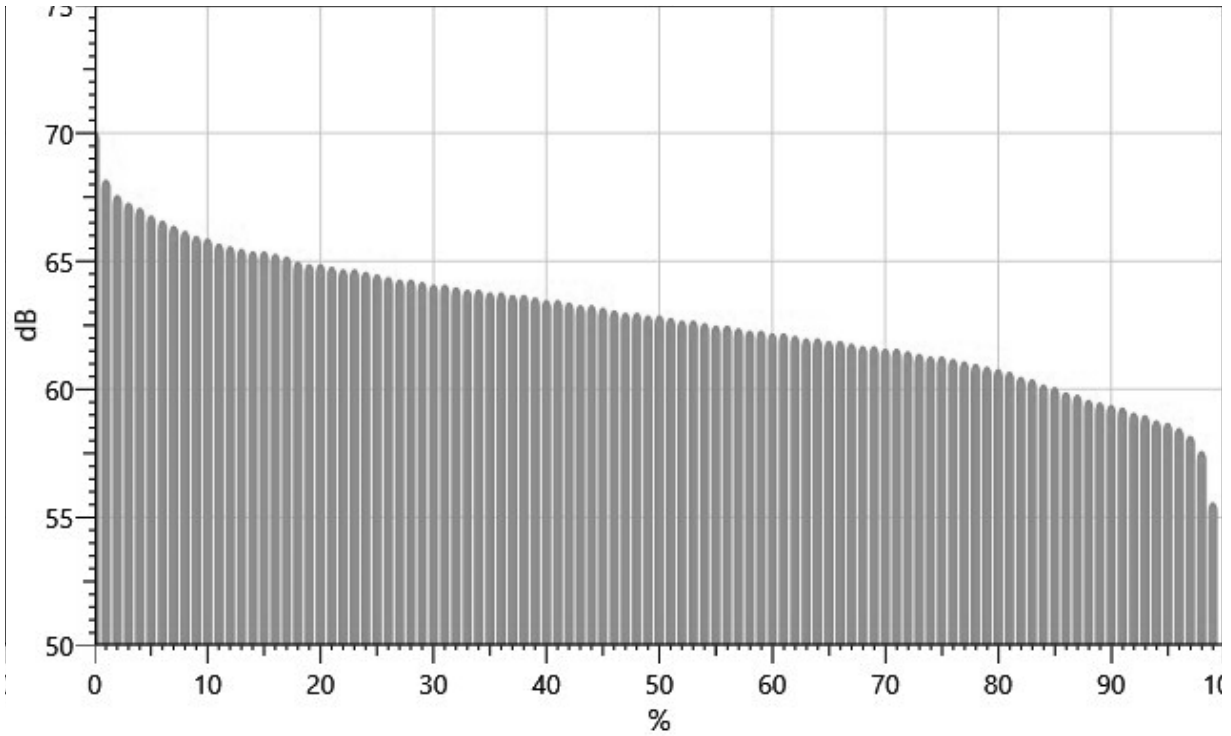
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		70.1	68.2	67.6	67.3	67.1	66.8	66.6	66.4	66.2
10%:	66.0	65.9	65.7	65.6	65.5	65.4	65.4	65.3	65.2	65.0
20%:	64.9	64.9	64.8	64.7	64.7	64.6	64.5	64.4	64.3	64.3
30%:	64.2	64.1	64.1	64.0	63.9	63.9	63.8	63.8	63.7	63.7
40%:	63.6	63.5	63.5	63.4	63.3	63.3	63.2	63.1	63.0	63.0
50%:	62.9	62.9	62.8	62.7	62.7	62.6	62.5	62.5	62.4	62.3
60%:	62.3	62.2	62.2	62.1	62.0	62.0	61.9	61.9	61.8	61.7
70%:	61.7	61.6	61.6	61.5	61.4	61.3	61.3	61.2	61.1	61.0
80%:	60.9	60.8	60.7	60.5	60.4	60.2	60.1	59.9	59.8	59.6

90%: 59.5 59.4 59.3 59.1 59.0 58.8 58.7 58.5 58.2 57.6
 100%: 55.6

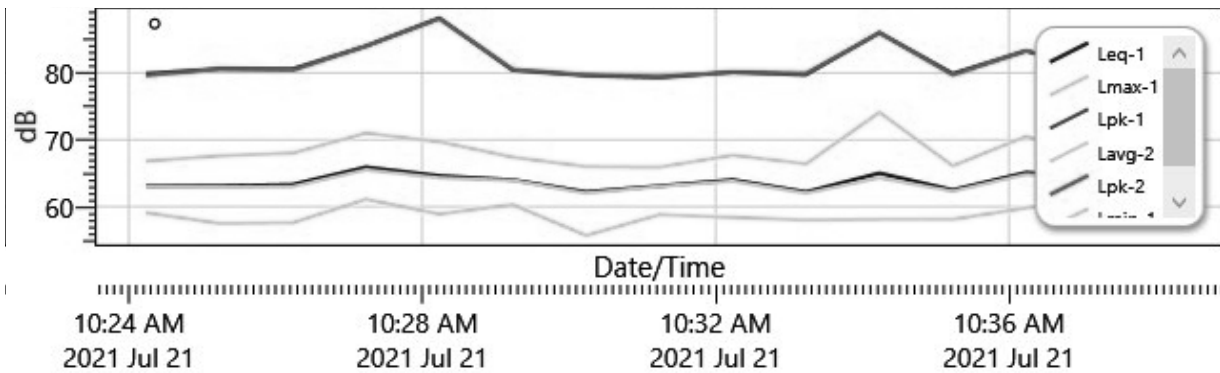
Exceedance Chart

S042_BIG080015_21072021_170617: Exceedance Chart



Logged Data Chart

S042_BIG080015_21072021_170617: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/21/2021 10:24:14 AM	63.1	66.8	59.1	79.9
10:25:14 AM	63.1	67.6	57.5	80.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:26:14 AM	63.3	68	57.6	80.6
10:27:14 AM	65.9	71	61.1	84
10:28:14 AM	64.6	69.7	58.9	88.2
10:29:14 AM	64	67.4	60.3	80.4
10:30:14 AM	62.2	66	55.7	79.6
10:31:14 AM	63.1	65.9	58.8	79.3
10:32:14 AM	64	67.7	58.4	80.1
10:33:14 AM	62.2	66.4	58	79.7
10:34:14 AM	65	74.1	58.1	86
10:35:14 AM	62.5	66.1	58.1	79.9
10:36:14 AM	65.1	70.5	59.8	83.3
10:37:14 AM	64.2	67.6	61	80.2
10:38:14 AM	63.1	68.1	59	80.3

Session Report

8/2/2021

Information Panel

Name S696_BGH030008_02082021_151622
Start Time 7/21/2021 10:23:06 AM
Stop Time 7/21/2021 10:38:06 AM
Device Name BIH030011
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 3 - 50' from Existing wall 1 - Post Construction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Exchange Rate	1	4 dB	Weighting	1	A
Response	1	FAST	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	SLOW			

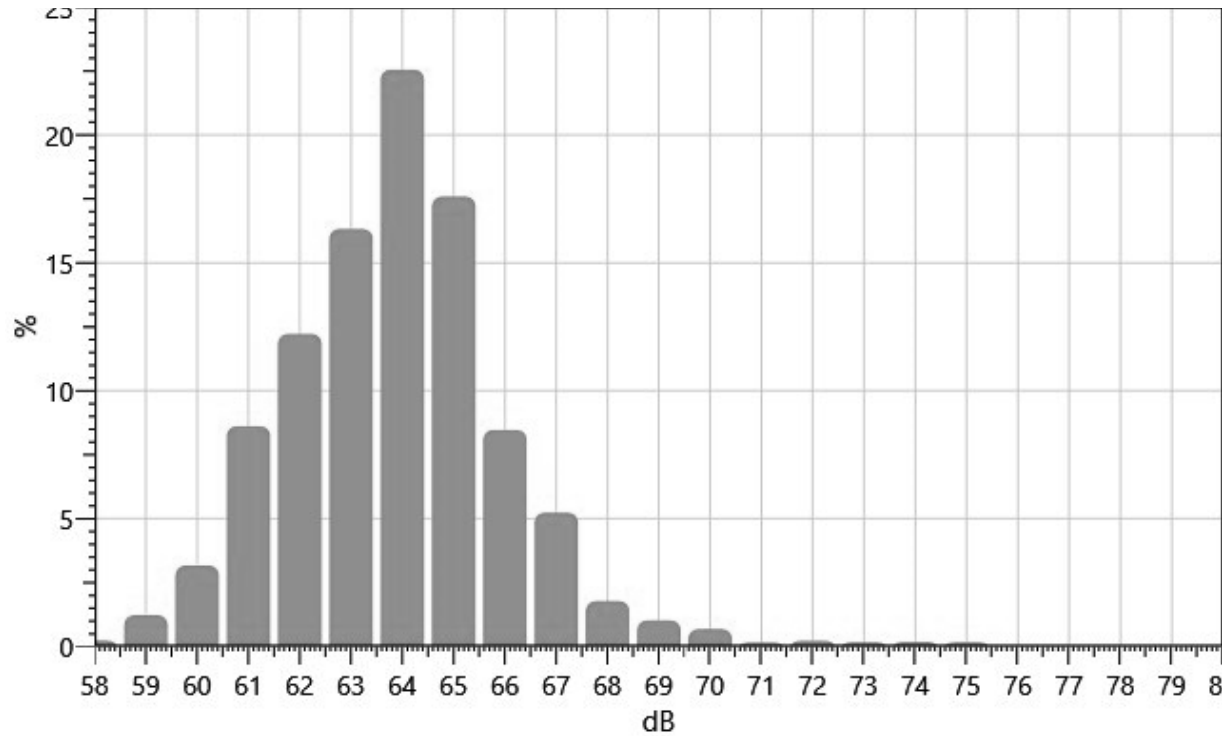
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.00	0.01	0.01	0.00	0.01	0.01	0.03	0.04	0.05	0.08	0.24
59:	0.10	0.05	0.08	0.10	0.07	0.09	0.12	0.14	0.24	0.23	1.22
60:	0.24	0.27	0.25	0.31	0.27	0.28	0.35	0.35	0.39	0.46	3.17
61:	0.51	0.53	0.66	0.83	0.86	1.04	1.05	0.97	1.05	1.10	8.61
62:	1.14	1.05	1.09	1.20	1.27	1.30	1.41	1.21	1.30	1.25	12.22
63:	1.33	1.33	1.36	1.45	1.65	1.59	1.76	1.79	2.08	2.00	16.32
64:	2.12	2.09	2.06	2.12	2.22	2.23	2.29	2.36	2.60	2.46	22.56
65:	2.54	2.18	1.60	1.91	1.79	1.71	1.58	1.49	1.42	1.38	17.59
66:	1.31	1.17	1.00	0.86	0.80	0.73	0.69	0.64	0.62	0.64	8.47
67:	0.58	0.61	0.57	0.62	0.57	0.58	0.46	0.47	0.44	0.34	5.23
68:	0.24	0.22	0.13	0.17	0.18	0.22	0.18	0.15	0.13	0.15	1.77
69:	0.14	0.12	0.13	0.11	0.13	0.09	0.08	0.08	0.07	0.08	1.02
70:	0.11	0.12	0.10	0.10	0.06	0.06	0.07	0.01	0.03	0.03	0.68
71:	0.03	0.02	0.01	0.01	0.02	0.02	0.01	0.01	0.02	0.02	0.16
72:	0.02	0.04	0.03	0.03	0.03	0.02	0.02	0.01	0.02	0.01	0.23

73:	0.00	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.17
74:	0.02	0.02	0.01	0.01	0.02	0.02	0.01	0.01	0.03	0.04	0.18
75:	0.02	0.01	0.01	0.01	0.02	0.03	0.02	0.01	0.02	0.01	0.16

Statistics Chart

S696_BGH030008_02082021_151622: Statistics Chart

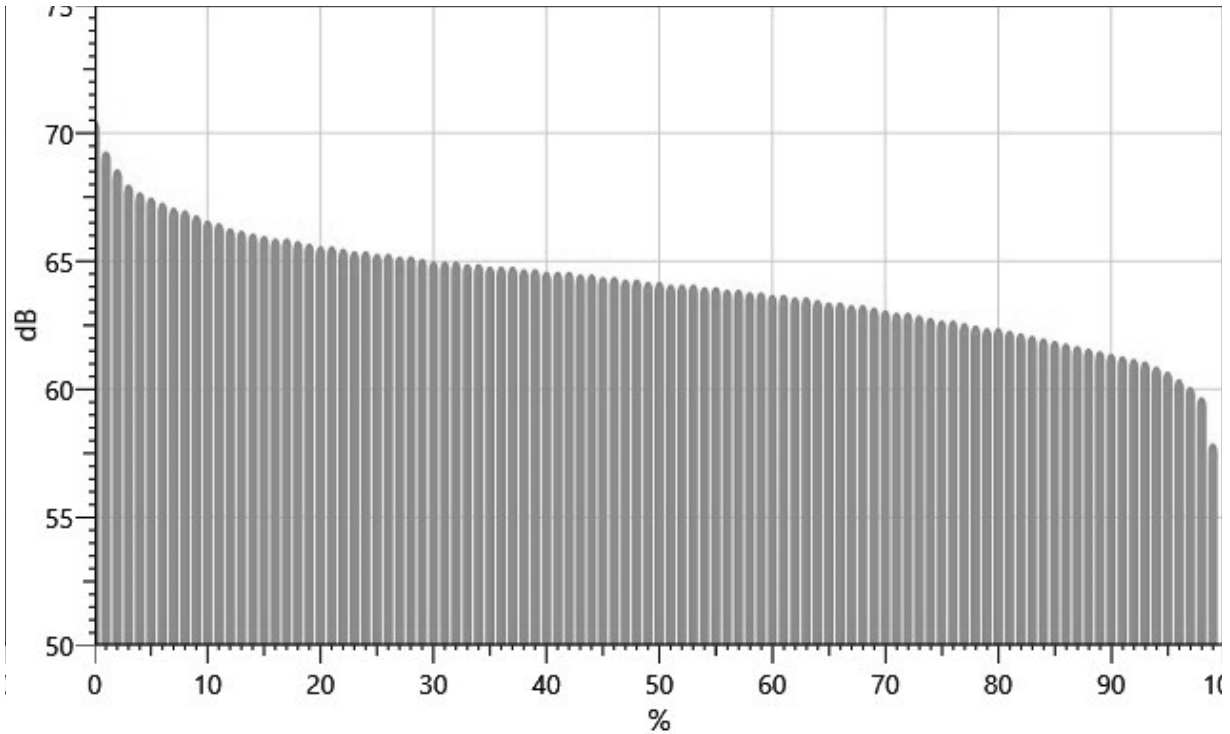


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		70.5	69.3	68.6	68.0	67.7	67.5	67.3	67.1	67.0
10%:	66.8	66.6	66.5	66.3	66.2	66.1	66.0	65.9	65.9	65.8
20%:	65.7	65.6	65.6	65.5	65.4	65.4	65.3	65.3	65.2	65.2
30%:	65.1	65.0	65.0	65.0	64.9	64.9	64.8	64.8	64.8	64.7
40%:	64.7	64.6	64.6	64.6	64.5	64.5	64.4	64.4	64.3	64.3
50%:	64.2	64.2	64.1	64.1	64.1	64.0	64.0	63.9	63.9	63.8
60%:	63.8	63.7	63.7	63.6	63.6	63.5	63.4	63.4	63.3	63.3
70%:	63.2	63.1	63.0	63.0	62.9	62.8	62.7	62.7	62.6	62.5
80%:	62.4	62.4	62.3	62.2	62.1	62.0	61.9	61.8	61.7	61.6
90%:	61.5	61.4	61.3	61.2	61.1	60.9	60.7	60.4	60.1	59.7
100%:	57.9									

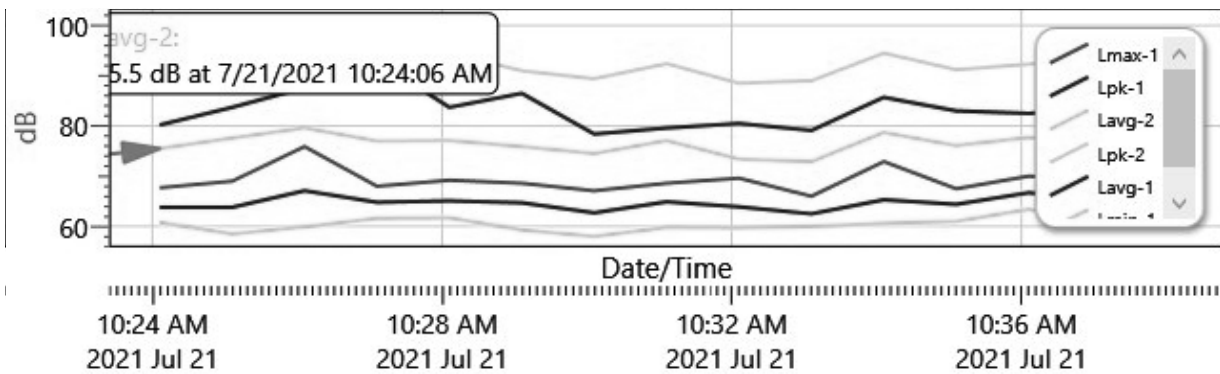
Exceedance Chart

S696_BGH030008_02082021_151622: Exceedance Chart



Logged Data Chart

S696_BGH030008_02082021_151622: Logged Data Chart



Logged Data Table

Date/Time	Lavg-1	Lmax-1	Lmin-1	Lpk-1
7/21/2021 10:24:06 AM	63.8	67.7	60.8	80.2
10:25:06 AM	63.8	69	58.5	83.7
10:26:06 AM	67.1	75.9	59.9	87.6
10:27:06 AM	64.8	68	61.6	93
10:28:06 AM	65.1	69.2	61.7	83.7

Date/Time	Lavg-1	Lmax-1	Lmin-1	Lpk-1
10:29:06 AM	64.7	68.6	59.3	86.5
10:30:06 AM	62.7	67.1	58	78.4
10:31:06 AM	64.9	68.6	59.8	79.6
10:32:06 AM	63.9	69.6	59.7	80.5
10:33:06 AM	62.5	66	60	79.1
10:34:06 AM	65.3	72.9	60.6	85.7
10:35:06 AM	64.4	67.5	61	83
10:36:06 AM	66.7	70	63.4	82.5
10:37:06 AM	65.4	69.3	61.3	83.4
10:38:06 AM	65.3	70.4	61.3	83.8

Session Report

7/21/2021

Information Panel

Name S014_BIF090003_21072021_184149
Start Time 7/21/2021 10:23:08 AM
Stop Time 7/21/2021 10:38:08 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 - 100' from Ex Wall-1-Postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	66.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	FAST			

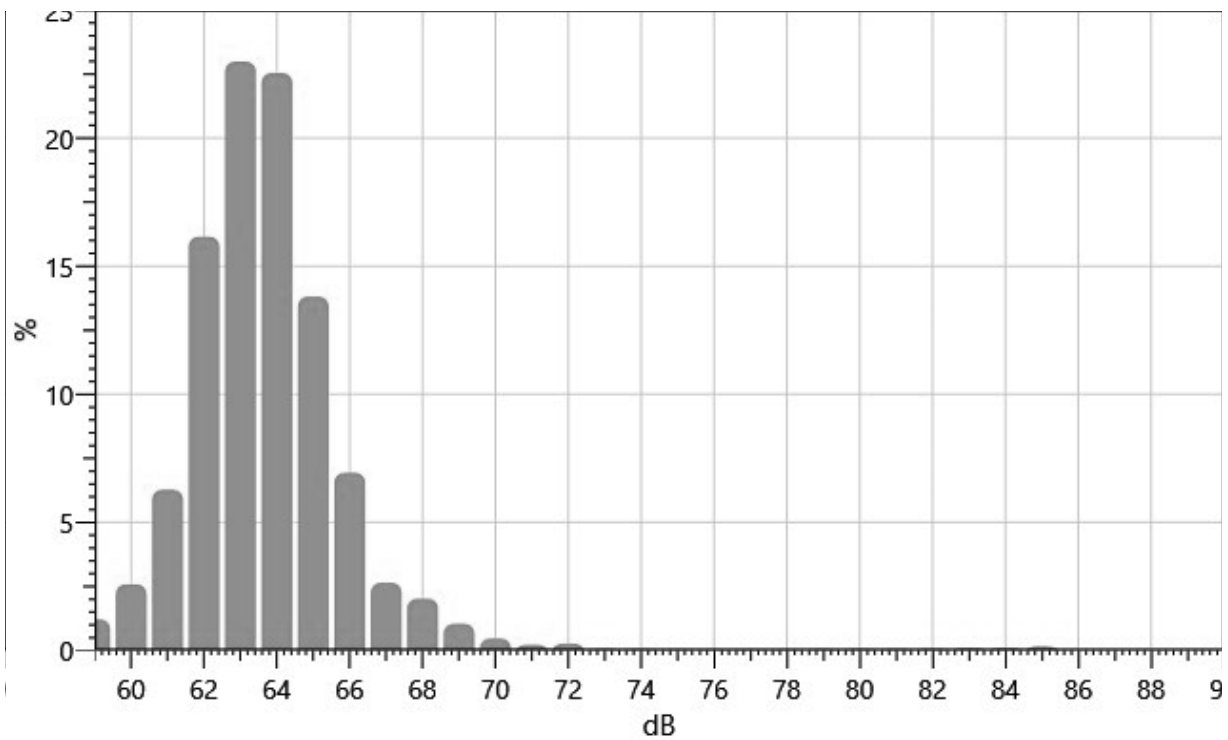
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.00	0.04	0.03	0.10	0.10	0.13	0.22	0.30	0.30	1.21
60:	0.34	0.17	0.24	0.17	0.16	0.25	0.25	0.31	0.25	0.43	2.58
61:	0.25	0.23	0.40	0.51	0.48	0.53	0.65	0.75	0.98	1.48	6.27
62:	1.41	1.23	1.62	1.55	1.85	1.75	1.75	1.45	1.55	1.99	16.15
63:	1.94	2.14	2.18	2.56	2.43	1.88	1.95	2.20	2.74	2.95	22.99
64:	2.86	2.56	2.12	2.04	1.97	1.94	2.22	2.42	2.05	2.36	22.54
65:	2.18	1.88	1.49	1.56	1.59	1.21	0.98	0.91	0.93	1.08	13.82
66:	1.30	1.05	0.76	0.76	0.66	0.65	0.63	0.46	0.38	0.28	6.94
67:	0.30	0.24	0.26	0.30	0.33	0.27	0.20	0.24	0.24	0.26	2.64
68:	0.23	0.20	0.12	0.24	0.29	0.29	0.20	0.18	0.13	0.16	2.02
69:	0.12	0.11	0.19	0.14	0.08	0.11	0.06	0.08	0.07	0.08	1.04
70:	0.11	0.09	0.03	0.03	0.02	0.05	0.03	0.05	0.03	0.03	0.47
71:	0.07	0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.22
72:	0.02	0.03	0.04	0.05	0.05	0.04	0.02	0.01	0.01	0.01	0.26

73:	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.06
74:	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.05
75:	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.05
76:	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0.04
77:	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.04
78:	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.04
79:	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.05
80:	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06
81:	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.06
82:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06
83:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.09
84:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
85:	0.01	0.02	0.02	0.03	0.03	0.04	0.00	0.00	0.00	0.00	0.15

Statistics Chart

S014_BIF090003_21072021_184149: Statistics Chart



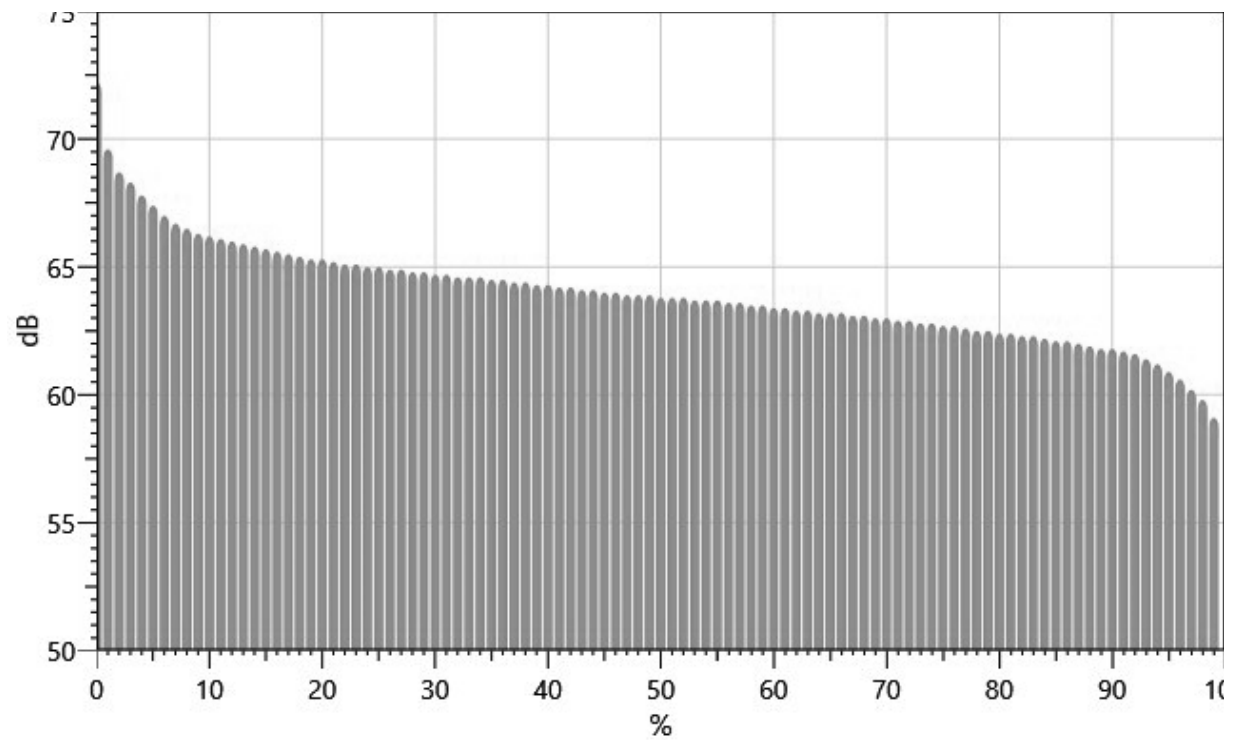
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		72.2	69.6	68.7	68.3	67.8	67.4	67.0	66.7	66.5
10%:	66.3	66.2	66.1	66.0	65.9	65.8	65.7	65.6	65.5	65.4

20%:	65.3	65.3	65.2	65.1	65.1	65.0	65.0	64.9	64.9	64.8
30%:	64.8	64.7	64.7	64.6	64.6	64.6	64.5	64.5	64.4	64.4
40%:	64.3	64.3	64.2	64.2	64.1	64.1	64.0	64.0	63.9	63.9
50%:	63.9	63.8	63.8	63.8	63.7	63.7	63.7	63.6	63.6	63.5
60%:	63.5	63.4	63.4	63.3	63.3	63.2	63.2	63.2	63.1	63.1
70%:	63.0	63.0	62.9	62.9	62.8	62.8	62.7	62.7	62.6	62.5
80%:	62.5	62.4	62.4	62.3	62.3	62.2	62.1	62.1	62.0	61.9
90%:	61.8	61.8	61.7	61.6	61.4	61.2	60.9	60.6	60.2	59.8
100%:	59.1									

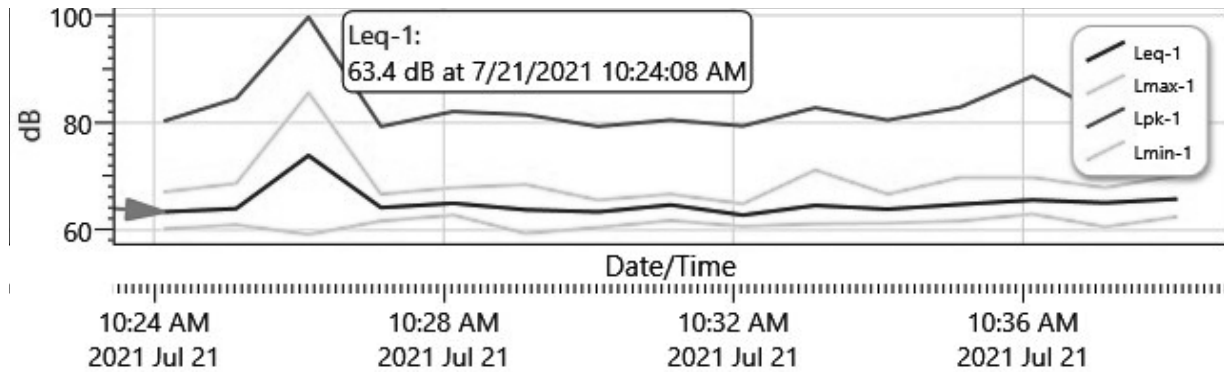
Exceedance Chart

S014_BIF090003_21072021_184149: Exceedance Chart



Logged Data Chart

S014_BIF090003_21072021_184149: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/21/2021 10:24:08 AM	63.4	67.1	60.2	80.3
10:25:08 AM	64	68.7	61	84.5
10:26:08 AM	73.9	85.6	59.2	99.7
10:27:08 AM	64.2	66.7	61.7	79.3
10:28:08 AM	65	67.9	62.8	82.1
10:29:08 AM	63.8	68.5	59.4	81.5
10:30:08 AM	63.4	65.6	60.5	79.3
10:31:08 AM	64.7	66.7	61.8	80.5
10:32:08 AM	62.8	64.9	60.7	79.4
10:33:08 AM	64.6	71.2	61.2	82.8
10:34:08 AM	63.9	66.7	61.3	80.5
10:35:08 AM	64.8	69.8	61.7	82.9
10:36:08 AM	65.6	69.8	63	88.7
10:37:08 AM	65.1	67.9	60.6	81.5
10:38:08 AM	65.8	70.2	62.5	83.4

Session Report

7/21/2021

Information Panel

Name S015_BIF090005_21072021_185809
Start Time 7/21/2021 10:23:28 AM
Stop Time 7/21/2021 10:38:28 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 - 200' from Ex Wall-1- Postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	64.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

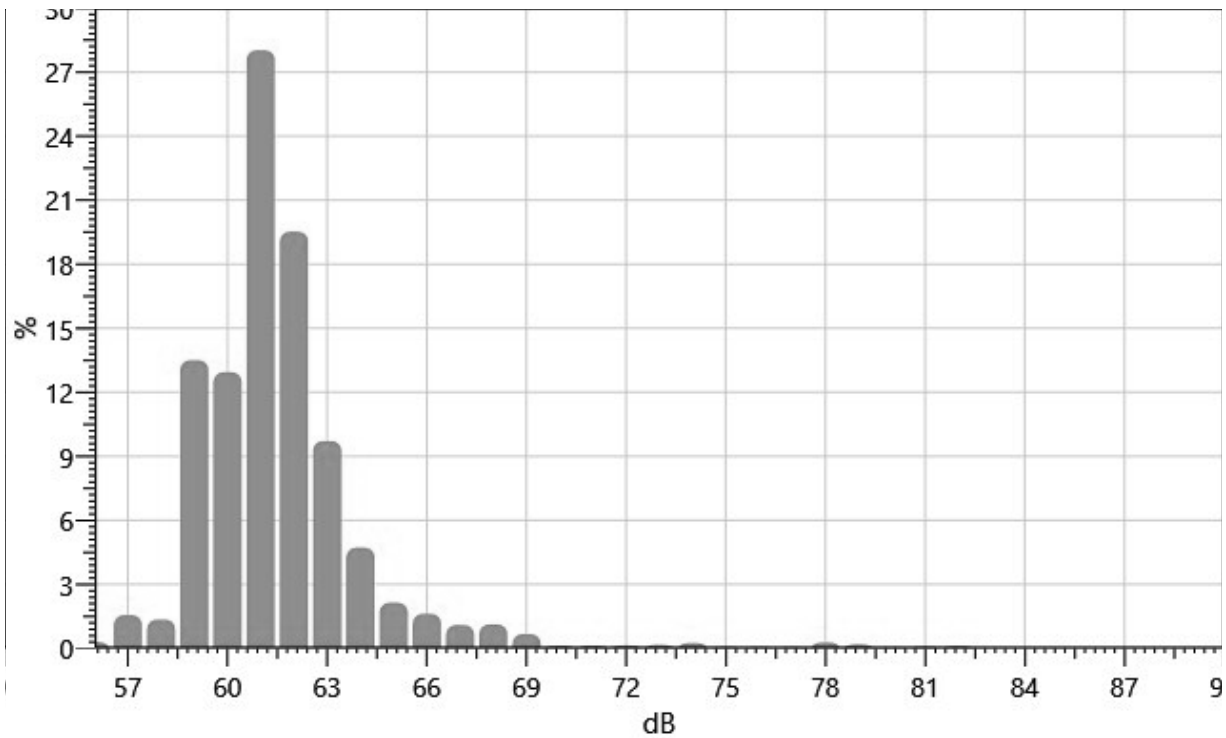
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.02	0.05	0.05	0.02	0.03	0.03	0.10	0.30
57:	0.10	0.17	0.14	0.23	0.19	0.11	0.11	0.19	0.22	0.11	1.56
58:	0.05	0.05	0.08	0.09	0.07	0.12	0.24	0.11	0.24	0.31	1.35
59:	0.52	0.87	1.08	1.49	1.15	1.21	1.84	1.79	1.70	1.86	13.50
60:	1.34	1.36	0.98	1.15	1.41	1.27	1.43	1.40	1.21	1.38	12.94
61:	1.70	2.05	2.79	3.05	2.90	3.54	3.06	3.48	2.79	2.67	28.03
62:	2.27	2.15	2.46	2.06	1.77	2.09	2.07	1.75	1.69	1.22	19.52
63:	1.16	1.17	0.75	1.08	1.07	0.98	0.91	1.10	0.94	0.56	9.72
64:	0.57	0.82	0.72	0.54	0.48	0.30	0.36	0.44	0.24	0.25	4.72
65:	0.18	0.21	0.14	0.15	0.23	0.26	0.32	0.23	0.23	0.19	2.14
66:	0.15	0.15	0.15	0.13	0.23	0.13	0.16	0.20	0.15	0.17	1.62
67:	0.18	0.16	0.14	0.10	0.09	0.10	0.08	0.07	0.08	0.10	1.10
68:	0.12	0.10	0.11	0.11	0.18	0.14	0.07	0.08	0.10	0.12	1.12
69:	0.13	0.15	0.09	0.12	0.10	0.02	0.03	0.01	0.01	0.02	0.67

70:	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.13
71:	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.02	0.13
72:	0.02	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.01	0.14
73:	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.16
74:	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.04	0.04	0.25
75:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
76:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06
77:	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.06
78:	0.05	0.04	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.27
79:	0.02	0.02	0.03	0.05	0.02	0.00	0.00	0.01	0.01	0.01	0.19
80:	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05
81:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
82:	0.01	0.01	0.01	0.02	0.02	0.04	0.00	0.00	0.00	0.00	0.11

Statistics Chart

S015_BIF090005_21072021_185809: Statistics Chart



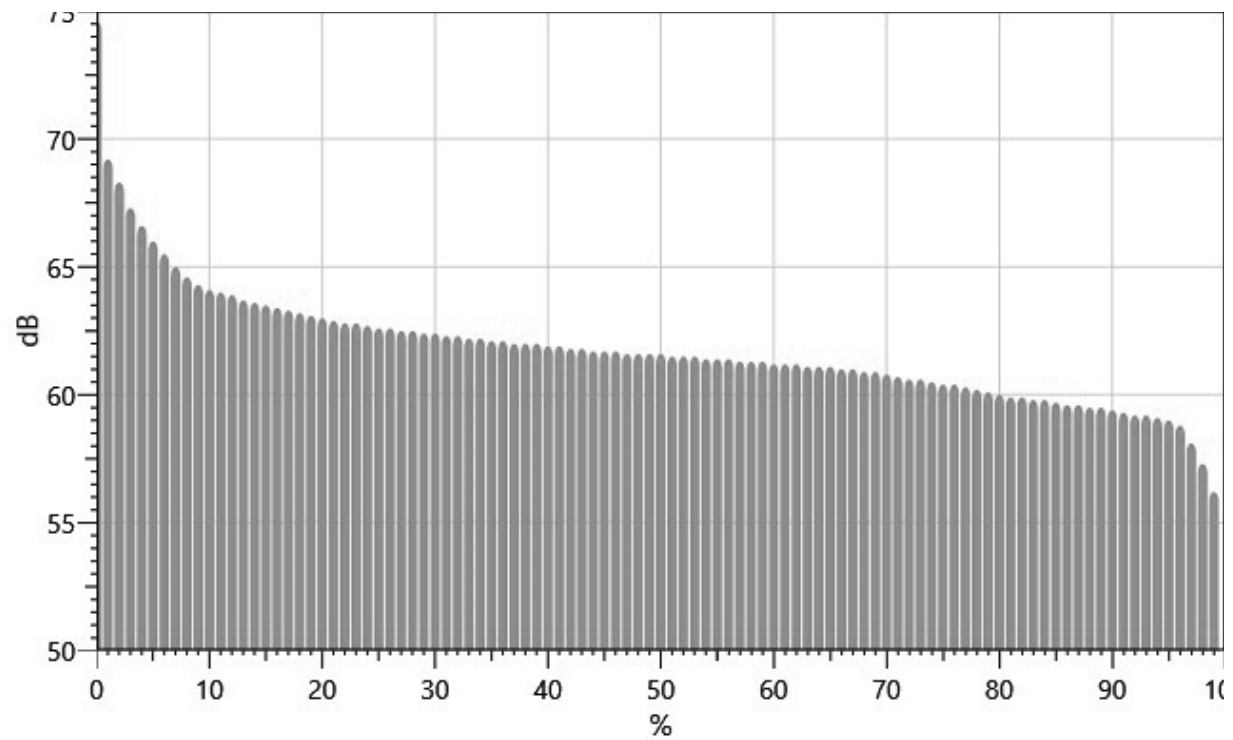
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		74.6	69.2	68.3	67.3	66.6	66.0	65.5	65.0	64.6
10%:	64.3	64.1	64.0	63.9	63.7	63.6	63.5	63.4	63.3	63.2

20%:	63.1	63.0	62.9	62.8	62.8	62.7	62.6	62.6	62.5	62.5
30%:	62.4	62.4	62.3	62.3	62.2	62.2	62.1	62.1	62.0	62.0
40%:	62.0	61.9	61.9	61.8	61.8	61.7	61.7	61.7	61.6	61.6
50%:	61.6	61.6	61.5	61.5	61.5	61.4	61.4	61.4	61.3	61.3
60%:	61.3	61.2	61.2	61.2	61.1	61.1	61.1	61.0	61.0	60.9
70%:	60.9	60.8	60.7	60.6	60.6	60.5	60.4	60.4	60.3	60.2
80%:	60.1	60.0	59.9	59.9	59.8	59.8	59.7	59.6	59.6	59.5
90%:	59.5	59.4	59.3	59.2	59.2	59.1	59.0	58.8	58.1	57.3
100%:	56.2									

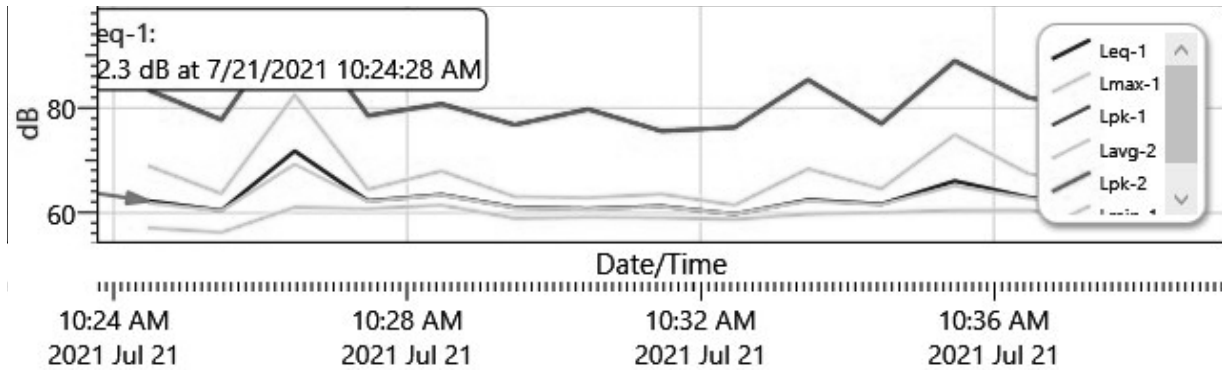
Exceedance Chart

S015_BIF090005_21072021_185809: Exceedance Chart



Logged Data Chart

S015_BIF090005_21072021_185809: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/21/2021 10:24:28 AM	62.3	69	57.2	83.5
10:25:28 AM	60.5	63.7	56.3	77.8
10:26:28 AM	71.8	82.5	61.1	97.7
10:27:28 AM	62.3	64.5	60.8	78.6
10:28:28 AM	63.5	68	61.5	80.8
10:29:28 AM	61.1	63.1	59	76.8
10:30:28 AM	60.8	62.9	59.2	79.8
10:31:28 AM	61.3	63.6	59.1	75.6
10:32:28 AM	59.8	61.5	58.8	76.3
10:33:28 AM	62.5	68.4	59.8	85.4
10:34:28 AM	61.7	64.6	60.1	77
10:35:28 AM	66.1	74.9	60.5	89
10:36:28 AM	63	67.5	60.6	82
10:37:28 AM	61.9	65	59	79.6
10:38:28 AM	64.3	69.4	60.7	82.6

Session Report

7/22/2021

Information Panel

Name S020_BHF080013_22072021_191843
Start Time 7/22/2021 9:40:48 AM
Stop Time 7/22/2021 9:55:48 AM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 1 - Top of Vinyl Wall - 1 - Post Construction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

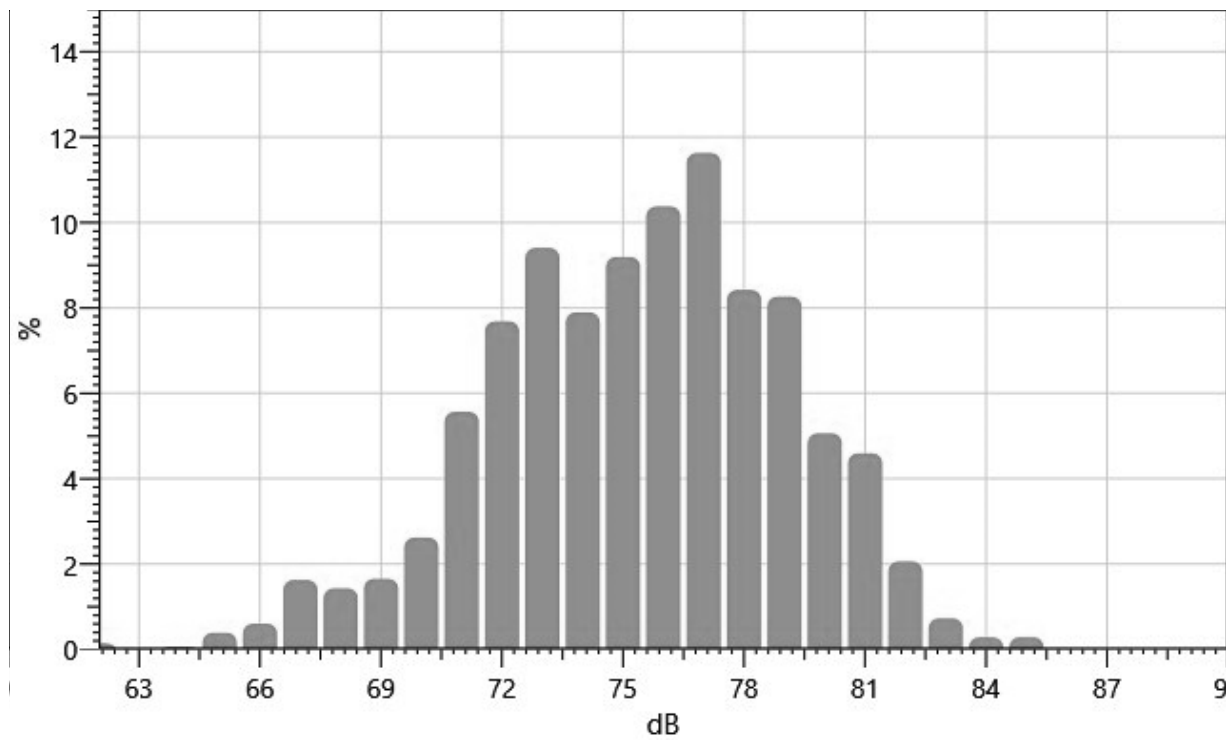
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
62:	0.00	0.00	0.02	0.02	0.02	0.00	0.01	0.01	0.01	0.05	0.14
63:	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
64:	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.01	0.01	0.07
65:	0.01	0.00	0.00	0.00	0.01	0.06	0.08	0.10	0.08	0.04	0.39
66:	0.06	0.08	0.04	0.04	0.03	0.05	0.06	0.05	0.04	0.14	0.60
67:	0.20	0.10	0.16	0.19	0.23	0.24	0.13	0.11	0.15	0.11	1.63
68:	0.17	0.15	0.17	0.15	0.16	0.13	0.10	0.09	0.16	0.15	1.43
69:	0.13	0.14	0.15	0.20	0.20	0.14	0.17	0.15	0.17	0.20	1.65
70:	0.17	0.21	0.23	0.35	0.24	0.37	0.30	0.23	0.24	0.29	2.62
71:	0.51	0.44	0.46	0.28	0.46	0.55	0.78	0.83	0.57	0.70	5.56
72:	0.65	0.71	0.87	0.81	0.62	0.73	0.70	0.84	0.74	1.02	7.68
73:	0.78	0.91	0.97	1.00	0.97	1.01	1.00	0.98	0.98	0.79	9.41
74:	0.73	0.92	0.82	0.59	0.75	0.67	0.77	0.86	0.95	0.82	7.89
75:	0.86	0.75	0.87	0.91	1.24	0.84	0.97	0.94	0.87	0.94	9.20

76:	0.85	0.94	0.99	0.90	0.91	1.12	1.26	1.19	1.12	1.09	10.38
77:	1.31	1.63	1.69	1.14	1.15	0.99	1.03	0.89	0.91	0.91	11.63
78:	0.88	0.88	0.93	0.75	0.73	0.84	0.89	0.89	0.80	0.84	8.42
79:	0.98	0.85	0.80	1.14	0.91	0.79	0.84	0.77	0.59	0.60	8.27
80:	0.41	0.50	0.44	0.42	0.62	0.56	0.51	0.45	0.53	0.61	5.06
81:	0.51	0.58	0.57	0.53	0.61	0.52	0.27	0.37	0.31	0.31	4.59
82:	0.29	0.31	0.31	0.25	0.19	0.17	0.19	0.15	0.12	0.09	2.06
83:	0.11	0.12	0.10	0.09	0.07	0.04	0.05	0.06	0.05	0.03	0.73
84:	0.04	0.03	0.03	0.03	0.02	0.02	0.04	0.02	0.02	0.02	0.28
85:	0.03	0.05	0.02	0.01	0.02	0.01	0.07	0.07	0.01	0.00	0.28

Statistics Chart

S020_BHF080013_22072021_191843: Statistics Chart



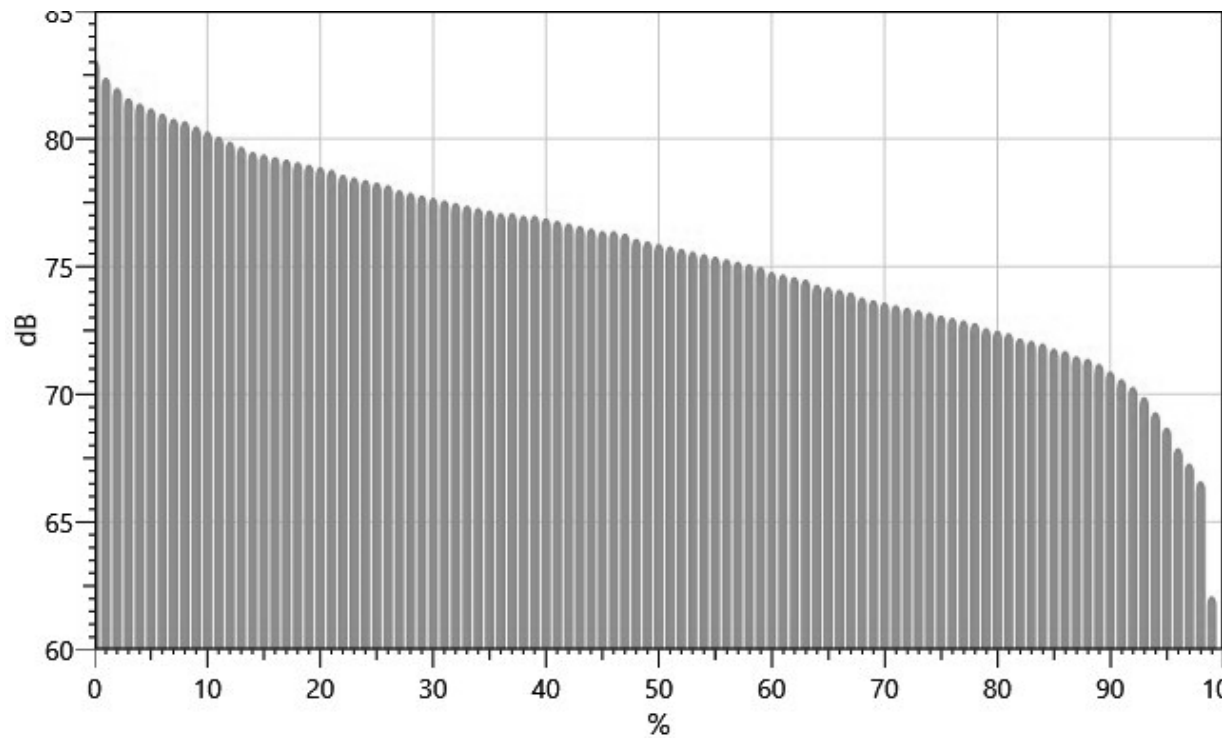
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		83.1	82.4	82.0	81.6	81.4	81.2	81.0	80.8	80.7
10%:	80.5	80.3	80.1	79.9	79.7	79.5	79.4	79.3	79.2	79.1
20%:	79.0	78.9	78.8	78.6	78.5	78.4	78.3	78.2	78.0	77.9
30%:	77.8	77.7	77.6	77.5	77.4	77.3	77.2	77.1	77.1	77.0
40%:	77.0	76.9	76.8	76.7	76.6	76.5	76.4	76.4	76.3	76.1

50%:	76.0	75.9	75.8	75.7	75.6	75.5	75.4	75.3	75.2	75.1
60%:	75.0	74.8	74.7	74.6	74.5	74.3	74.2	74.1	74.0	73.8
70%:	73.7	73.6	73.5	73.4	73.3	73.2	73.1	73.0	72.9	72.8
80%:	72.6	72.5	72.4	72.2	72.1	72.0	71.8	71.7	71.5	71.4
90%:	71.2	70.9	70.6	70.3	69.9	69.3	68.7	67.9	67.3	66.6
100%:	62.1									

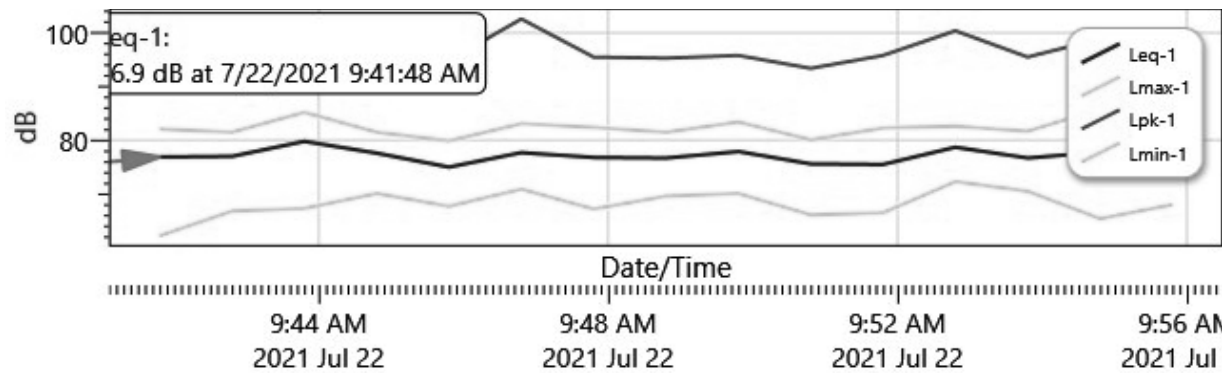
Exceedance Chart

S020_BHF080013_22072021_191843: Exceedance Chart



Logged Data Chart

S020_BHF080013_22072021_191843: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 9:41:48 AM	76.9	82.1	62.2	98.8
9:42:48 AM	77	81.5	66.8	94.3
9:43:48 AM	79.8	85.2	67.3	98.9
9:44:48 AM	77.6	81.5	70.1	97.5
9:45:48 AM	75	79.9	67.7	94.9
9:46:48 AM	77.7	83.1	70.9	102.6
9:47:48 AM	76.8	82.4	67.2	95.5
9:48:48 AM	76.7	81.5	69.6	95.3
9:49:48 AM	77.9	83.4	70.1	95.8
9:50:48 AM	75.6	80.1	66.1	93.4
9:51:48 AM	75.5	82.3	66.5	95.8
9:52:48 AM	78.7	82.6	72.3	100.4
9:53:48 AM	76.7	81.7	70.5	95.5
9:54:48 AM	77.8	85.8	65.4	98.9
9:55:48 AM	76.8	82.6	68	96.6

Session Report

7/22/2021

Information Panel

Name S043_BIG080015_22072021_194801
Start Time 7/22/2021 9:40:52 AM
Stop Time 7/22/2021 9:55:52 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 10' from Vinyl wall - 1 - Post Construction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

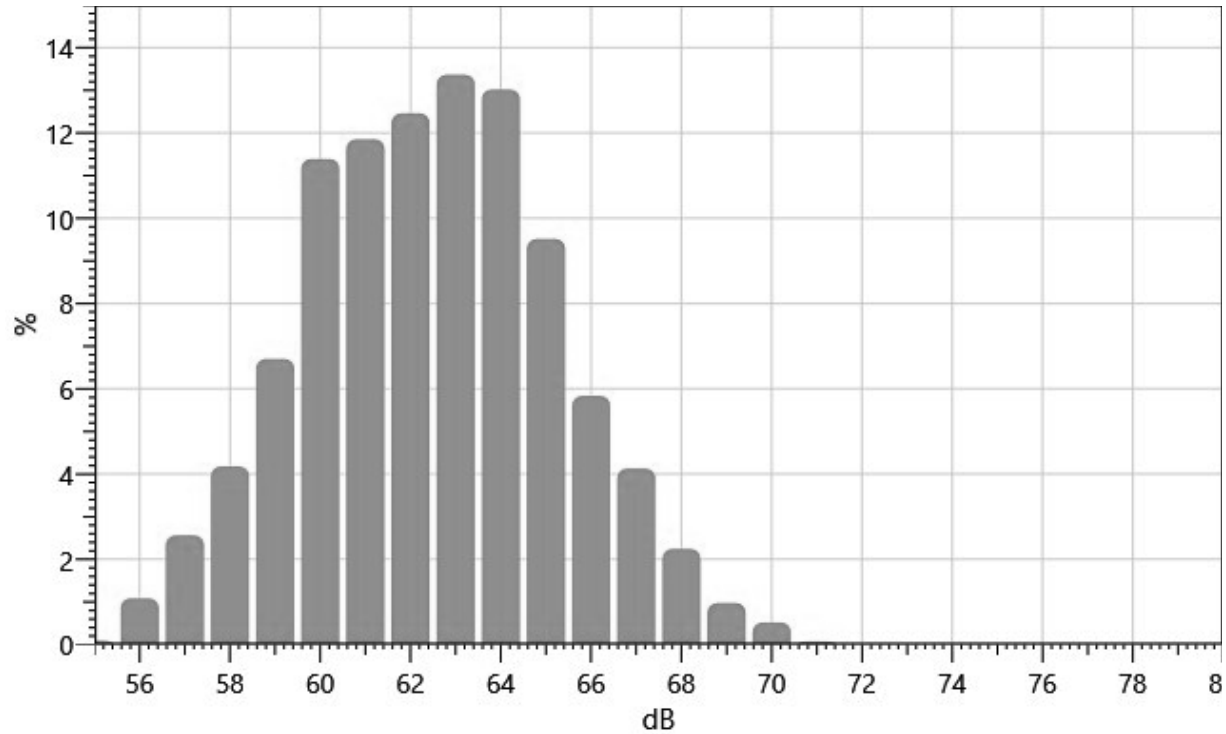
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09
56:	0.09	0.05	0.11	0.12	0.08	0.16	0.15	0.14	0.10	0.09	1.09
57:	0.12	0.16	0.20	0.23	0.32	0.29	0.34	0.32	0.27	0.30	2.56
58:	0.38	0.34	0.47	0.42	0.37	0.45	0.30	0.40	0.49	0.55	4.18
59:	0.49	0.42	0.61	0.60	0.73	0.73	0.78	0.64	0.80	0.90	6.70
60:	0.91	0.86	1.06	1.10	0.95	1.19	1.35	1.35	1.33	1.29	11.39
61:	1.33	1.08	1.17	1.25	1.14	1.04	1.15	1.12	1.16	1.42	11.86
62:	1.34	1.14	1.28	1.37	1.18	1.11	1.19	1.24	1.30	1.32	12.46
63:	1.05	1.00	1.31	1.22	1.22	1.52	1.63	1.72	1.41	1.28	13.37
64:	1.20	1.28	1.45	1.17	1.07	1.32	1.27	1.32	1.53	1.42	13.02
65:	1.23	0.93	0.74	0.92	1.39	0.98	0.82	0.90	0.89	0.71	9.52
66:	0.51	0.41	0.58	0.64	0.63	0.63	0.63	0.65	0.71	0.44	5.83
67:	0.37	0.53	0.44	0.48	0.41	0.36	0.46	0.45	0.39	0.23	4.13
68:	0.40	0.38	0.16	0.24	0.21	0.17	0.16	0.15	0.19	0.17	2.24

69:	0.13	0.10	0.09	0.11	0.11	0.12	0.10	0.06	0.09	0.04	0.97
70:	0.04	0.07	0.05	0.03	0.06	0.09	0.06	0.09	0.02	0.02	0.52
71:	0.01	0.01	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.07

Statistics Chart

S043_BIG080015_22072021_194801: Statistics Chart

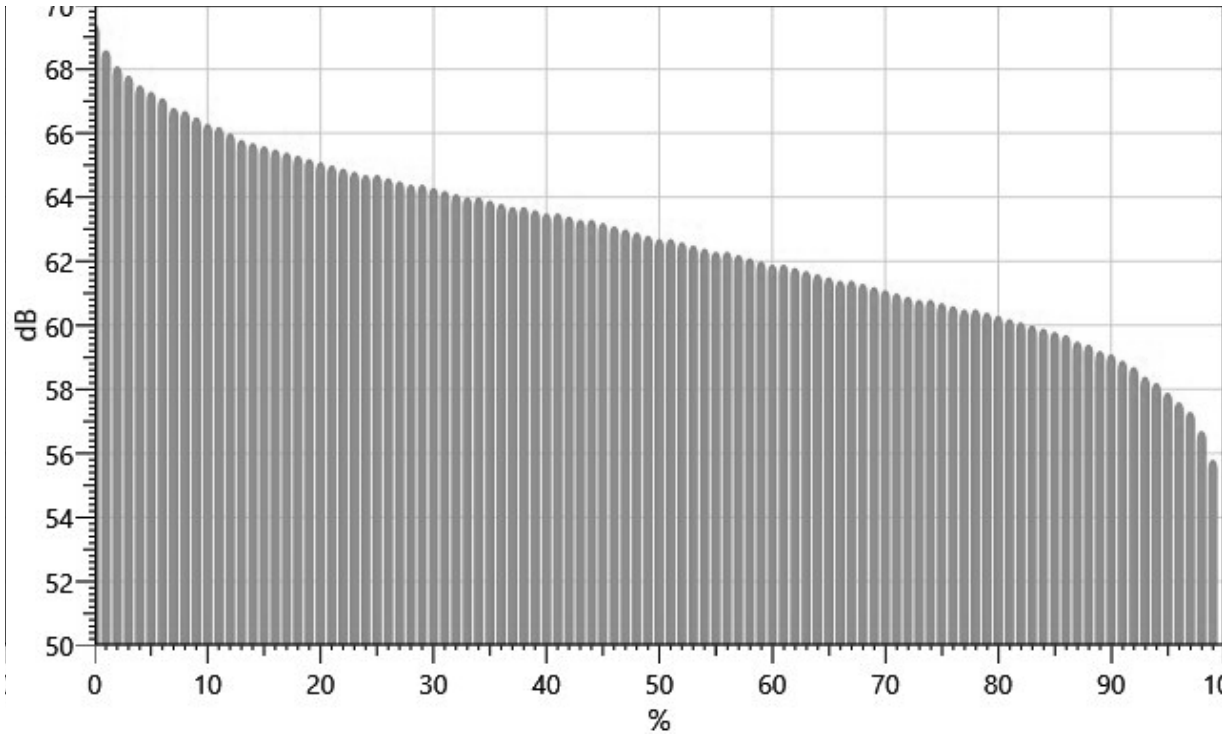


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		69.4	68.6	68.1	67.8	67.5	67.3	67.1	66.8	66.7
10%:	66.5	66.3	66.2	66.0	65.8	65.7	65.6	65.5	65.4	65.3
20%:	65.2	65.1	65.0	64.9	64.8	64.7	64.7	64.6	64.5	64.4
30%:	64.4	64.3	64.2	64.1	64.0	64.0	63.9	63.8	63.7	63.7
40%:	63.6	63.5	63.5	63.4	63.3	63.3	63.2	63.1	63.0	62.9
50%:	62.8	62.7	62.7	62.6	62.5	62.4	62.3	62.3	62.2	62.1
60%:	62.0	61.9	61.9	61.8	61.7	61.6	61.5	61.4	61.4	61.3
70%:	61.2	61.1	61.0	60.9	60.8	60.8	60.7	60.6	60.5	60.5
80%:	60.4	60.3	60.2	60.1	60.0	59.9	59.8	59.7	59.5	59.4
90%:	59.2	59.1	58.9	58.7	58.4	58.2	57.9	57.6	57.3	56.7
100%:	55.8									

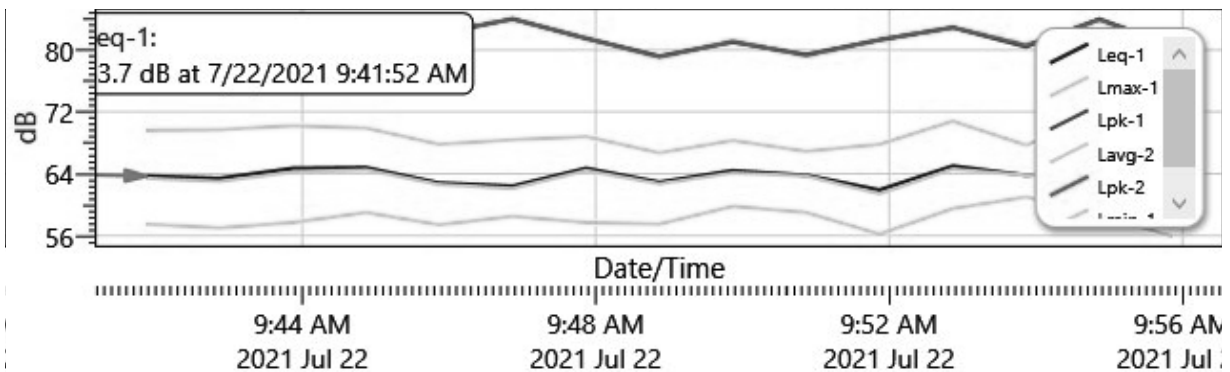
Exceedance Chart

S043_BIG080015_22072021_194801: Exceedance Chart



Logged Data Chart

S043_BIG080015_22072021_194801: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 9:41:52 AM	63.7	69.6	57.5	81.4
9:42:52 AM	63.4	69.7	57	81.5
9:43:52 AM	64.7	70.2	57.7	83
9:44:52 AM	64.8	69.9	59	82.1
9:45:52 AM	62.8	67.8	57.4	82.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:46:52 AM	62.4	68.4	58.5	84
9:47:52 AM	64.7	68.8	57.7	81.5
9:48:52 AM	62.9	66.7	57.5	79.2
9:49:52 AM	64.4	68.3	59.8	81
9:50:52 AM	63.8	66.9	59	79.4
9:51:52 AM	61.9	67.8	56.2	81.3
9:52:52 AM	65	70.8	59.5	82.9
9:53:52 AM	63.8	67.7	61	80.4
9:54:52 AM	64.6	71.4	58.8	84
9:55:52 AM	62.9	67.9	55.9	80.5

Session Report

8/2/2021

Information Panel

Name S697_BGH030008_02082021_162549
Start Time 7/22/2021 9:41:14 AM
Stop Time 7/22/2021 9:56:14 AM
Device Name BIH030011
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 3 50' from vinyl wall 1 Postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Exchange Rate	1	4 dB	Weighting	1	A
Response	1	FAST	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	SLOW			

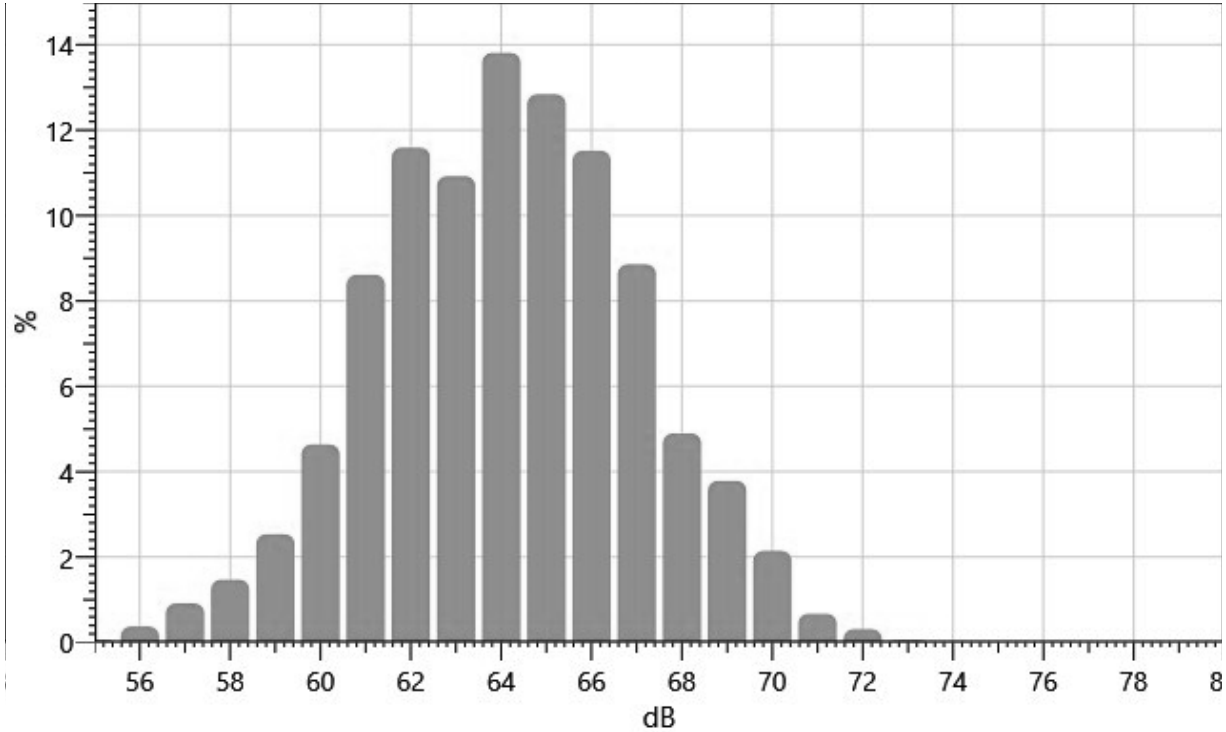
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.06
56:	0.03	0.03	0.02	0.04	0.04	0.05	0.04	0.03	0.03	0.07	0.37
57:	0.08	0.10	0.06	0.10	0.09	0.06	0.11	0.11	0.09	0.11	0.91
58:	0.09	0.11	0.11	0.12	0.15	0.13	0.17	0.19	0.22	0.18	1.47
59:	0.20	0.14	0.18	0.25	0.28	0.27	0.32	0.30	0.28	0.30	2.53
60:	0.30	0.34	0.41	0.41	0.47	0.49	0.54	0.58	0.56	0.53	4.64
61:	0.61	0.57	0.69	0.74	0.81	0.92	0.98	1.01	1.13	1.16	8.61
62:	1.26	1.00	1.12	1.26	1.26	1.13	1.27	1.13	1.07	1.10	11.59
63:	1.05	1.13	1.11	1.18	1.13	1.08	1.03	1.06	1.04	1.11	10.92
64:	1.42	1.39	1.46	1.48	1.44	1.32	1.31	1.29	1.34	1.37	13.81
65:	1.44	1.38	1.13	1.43	1.39	1.24	1.28	1.26	1.16	1.14	12.84
66:	1.10	1.22	1.24	1.18	1.24	1.21	1.12	1.12	1.02	1.07	11.52
67:	1.14	1.07	0.99	0.97	0.91	0.83	0.79	0.73	0.69	0.73	8.86
68:	0.74	0.64	0.33	0.44	0.44	0.56	0.45	0.47	0.38	0.45	4.90
69:	0.43	0.45	0.42	0.39	0.34	0.41	0.35	0.37	0.35	0.28	3.78

70:	0.26	0.22	0.23	0.24	0.24	0.24	0.21	0.20	0.17	0.13	2.14
71:	0.13	0.09	0.04	0.08	0.05	0.07	0.06	0.07	0.04	0.05	0.67
72:	0.03	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.02	0.02	0.31
73:	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.05
74:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Statistics Chart

S697_BGH030008_02082021_162549: Statistics Chart

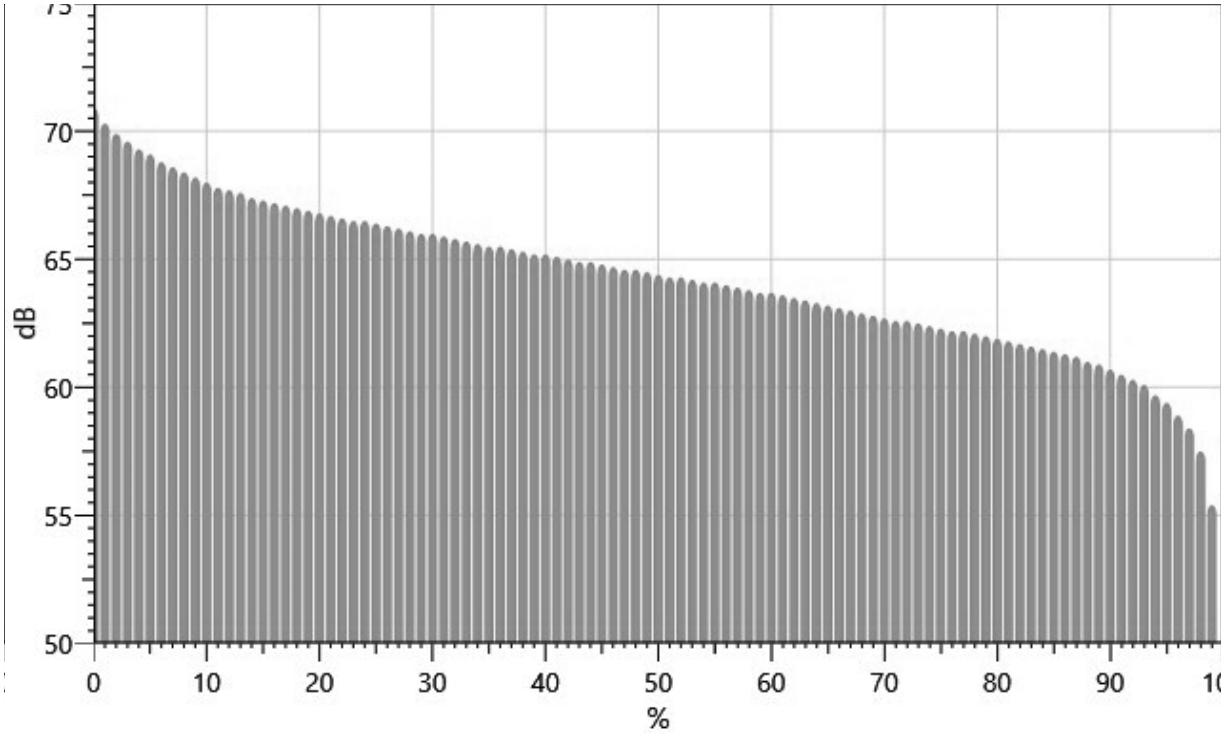


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		70.9	70.3	69.9	69.6	69.3	69.1	68.8	68.6	68.4
10%:	68.2	68.0	67.8	67.7	67.6	67.4	67.3	67.2	67.1	67.0
20%:	66.9	66.8	66.7	66.6	66.5	66.5	66.4	66.3	66.2	66.1
30%:	66.0	66.0	65.9	65.8	65.7	65.6	65.5	65.5	65.4	65.3
40%:	65.2	65.2	65.1	65.0	64.9	64.9	64.8	64.7	64.6	64.6
50%:	64.5	64.4	64.3	64.3	64.2	64.1	64.1	64.0	63.9	63.8
60%:	63.7	63.7	63.6	63.5	63.4	63.3	63.2	63.1	63.0	62.9
70%:	62.8	62.7	62.6	62.6	62.5	62.4	62.3	62.2	62.2	62.1
80%:	62.0	61.9	61.8	61.7	61.6	61.5	61.4	61.3	61.2	61.0
90%:	60.9	60.7	60.5	60.3	60.1	59.7	59.4	58.9	58.4	57.5

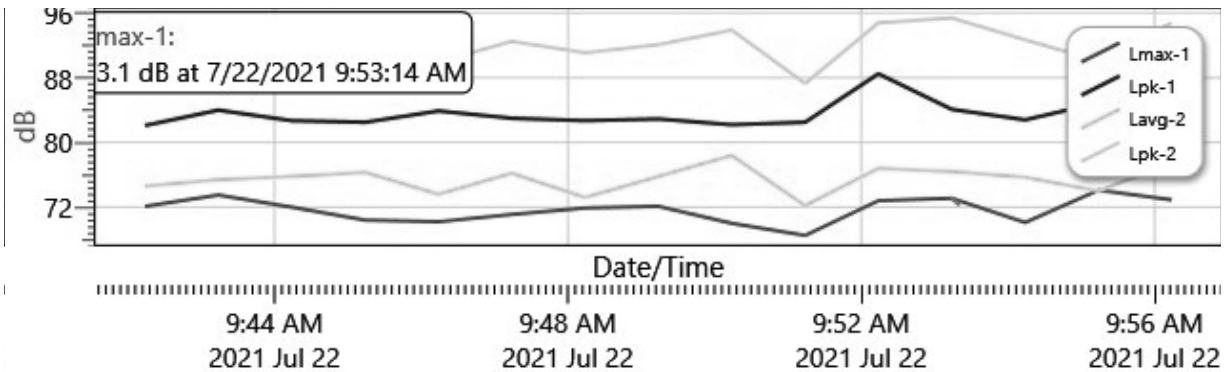
Exceedance Chart

S697_BGH030008_02082021_162549: Exceedance Chart



Logged Data Chart

S697_BGH030008_02082021_162549: Logged Data Chart



Logged Data Table

Date/Time	Lavg-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 9:42:14 AM	65	72.1	59	82.1
9:43:14 AM	66.2	73.5	57.7	84
9:44:14 AM	66.3	72	59.6	82.7

Date/Time	Lavg-1	Lmax-1	Lmin-1	Lpk-1
9:45:14 AM	65.3	70.4	58.5	82.5
9:46:14 AM	63.8	70.2	59.1	83.9
9:47:14 AM	66.8	71.1	62.1	83
9:48:14 AM	64.1	71.9	56.9	82.7
9:49:14 AM	65.3	72.1	60.3	82.9
9:50:14 AM	65.8	70	60.1	82.2
9:51:14 AM	62.3	68.5	55.5	82.5
9:52:14 AM	65.6	72.8	57.2	88.5
9:53:14 AM	65.8	73.1	61.2	84.1
9:54:14 AM	64.6	70.1	59	82.8
9:55:14 AM	65.2	74.1	55.9	84.9
9:56:14 AM	66.2	72.9	58.7	84.1

Session Report

7/23/2021

Information Panel

Name S015_BIF090003_22072021_202013
Start Time 7/22/2021 9:40:17 AM
Stop Time 7/22/2021 9:55:17 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 - 100' from Vinyl Wall -1- Post Construction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	66.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	FAST			

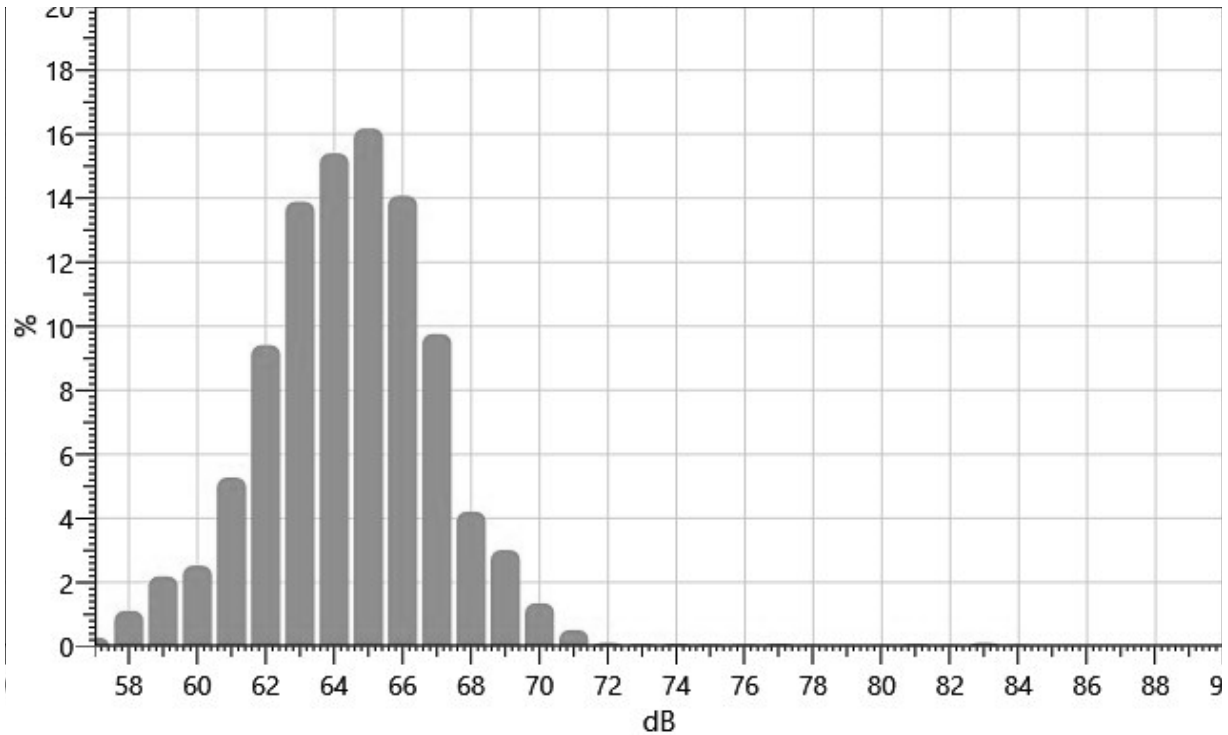
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.06	0.06	0.02	0.02	0.02	0.03	0.03	0.02	0.01	0.28
58:	0.04	0.05	0.06	0.03	0.08	0.10	0.13	0.24	0.17	0.20	1.11
59:	0.21	0.10	0.23	0.34	0.30	0.23	0.23	0.20	0.18	0.16	2.19
60:	0.17	0.22	0.16	0.19	0.20	0.22	0.23	0.27	0.38	0.48	2.52
61:	0.41	0.47	0.53	0.41	0.32	0.35	0.56	0.64	0.90	0.67	5.27
62:	0.73	0.65	0.59	0.81	1.07	1.13	1.40	0.99	0.93	1.10	9.41
63:	1.28	1.43	1.19	1.47	1.26	1.38	1.56	1.68	1.31	1.32	13.89
64:	1.33	1.39	1.53	1.55	1.34	1.44	1.50	1.83	1.83	1.66	15.40
65:	1.90	1.53	1.42	1.52	1.71	1.77	1.59	1.66	1.59	1.49	16.18
66:	1.71	1.64	1.51	1.42	1.05	1.15	1.40	1.43	1.39	1.38	14.07
67:	1.31	1.09	1.18	1.32	1.35	1.07	0.70	0.53	0.55	0.65	9.76
68:	0.60	0.41	0.27	0.43	0.45	0.42	0.44	0.41	0.39	0.39	4.21
69:	0.66	0.48	0.45	0.24	0.26	0.30	0.20	0.16	0.12	0.14	3.01
70:	0.09	0.11	0.08	0.13	0.15	0.09	0.14	0.10	0.17	0.28	1.34

71:	0.06	0.04	0.03	0.05	0.07	0.05	0.04	0.03	0.08	0.05	0.51
72:	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.11
73:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
74:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
75:	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.06
76:	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06
77:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
78:	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
79:	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
80:	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.04
81:	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.07
82:	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.01	0.04
83:	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.11
84:	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S015_BIF090003_22072021_202013: Statistics Chart



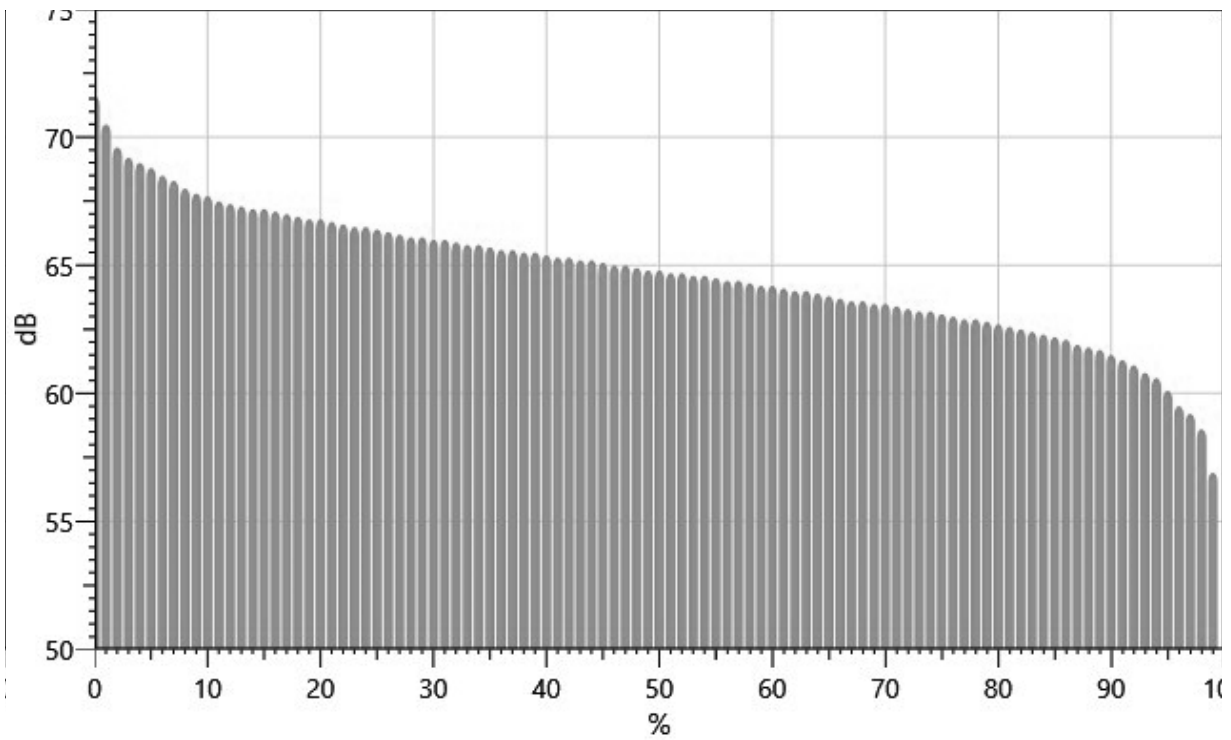
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		71.6	70.5	69.6	69.2	69.0	68.8	68.5	68.3	68.0

10%:	67.8	67.7	67.5	67.4	67.3	67.2	67.2	67.1	67.0	66.9
20%:	66.8	66.8	66.7	66.6	66.5	66.5	66.4	66.3	66.2	66.1
30%:	66.1	66.0	66.0	65.9	65.8	65.8	65.7	65.6	65.6	65.5
40%:	65.5	65.4	65.3	65.3	65.2	65.2	65.1	65.0	65.0	64.9
50%:	64.8	64.8	64.7	64.7	64.6	64.6	64.5	64.4	64.4	64.3
60%:	64.2	64.2	64.1	64.0	64.0	63.9	63.8	63.7	63.6	63.6
70%:	63.5	63.5	63.4	63.3	63.2	63.2	63.1	63.0	62.9	62.9
80%:	62.8	62.7	62.6	62.5	62.4	62.3	62.2	62.1	61.9	61.8
90%:	61.7	61.5	61.3	61.1	60.8	60.6	60.1	59.5	59.2	58.6
100%:	56.9									

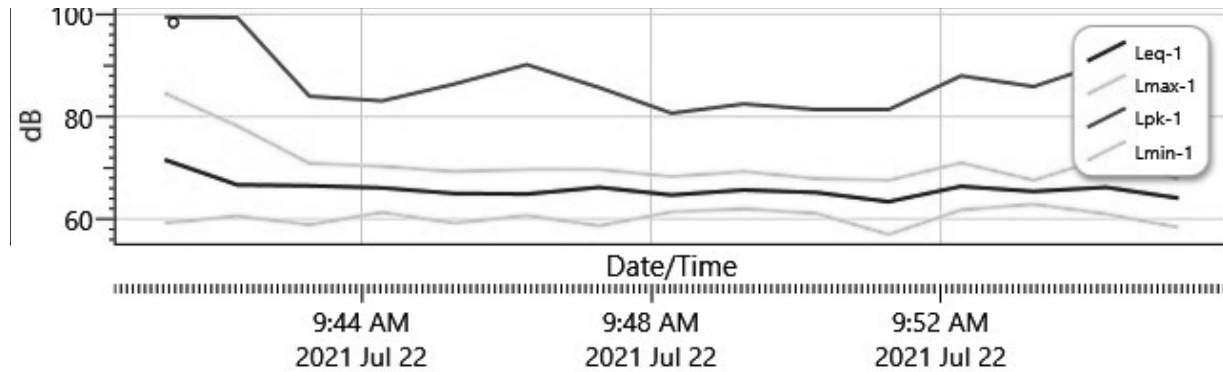
Exceedance Chart

S015_BIF090003_22072021_202013: Exceedance Chart



Logged Data Chart

S015_BIF090003_22072021_202013: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 9:41:17 AM	71.6	84.6	59.2	99.5
9:42:17 AM	66.7	78.2	60.6	99.4
9:43:17 AM	66.5	70.9	58.9	84
9:44:17 AM	66.1	70.3	61.3	83.1
9:45:17 AM	65	69.3	59.2	86.4
9:46:17 AM	64.9	69.7	60.7	90.2
9:47:17 AM	66.2	69.7	58.7	85.7
9:48:17 AM	64.7	68.3	61.4	80.7
9:49:17 AM	65.7	69.3	62	82.5
9:50:17 AM	65.2	67.9	61.1	81.4
9:51:17 AM	63.4	67.6	57	81.4
9:52:17 AM	66.4	71	61.8	88
9:53:17 AM	65.4	67.6	62.9	85.9
9:54:17 AM	66.2	72	61	90.6
9:55:17 AM	64.1	67.9	58.4	92.4

Session Report

7/23/2021

Information Panel

Name S016_BIF090005_22072021_204602
Start Time 7/22/2021 9:40:11 AM
Stop Time 7/22/2021 9:56:55 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 200' from Vinyl wall -2- Postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	61.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

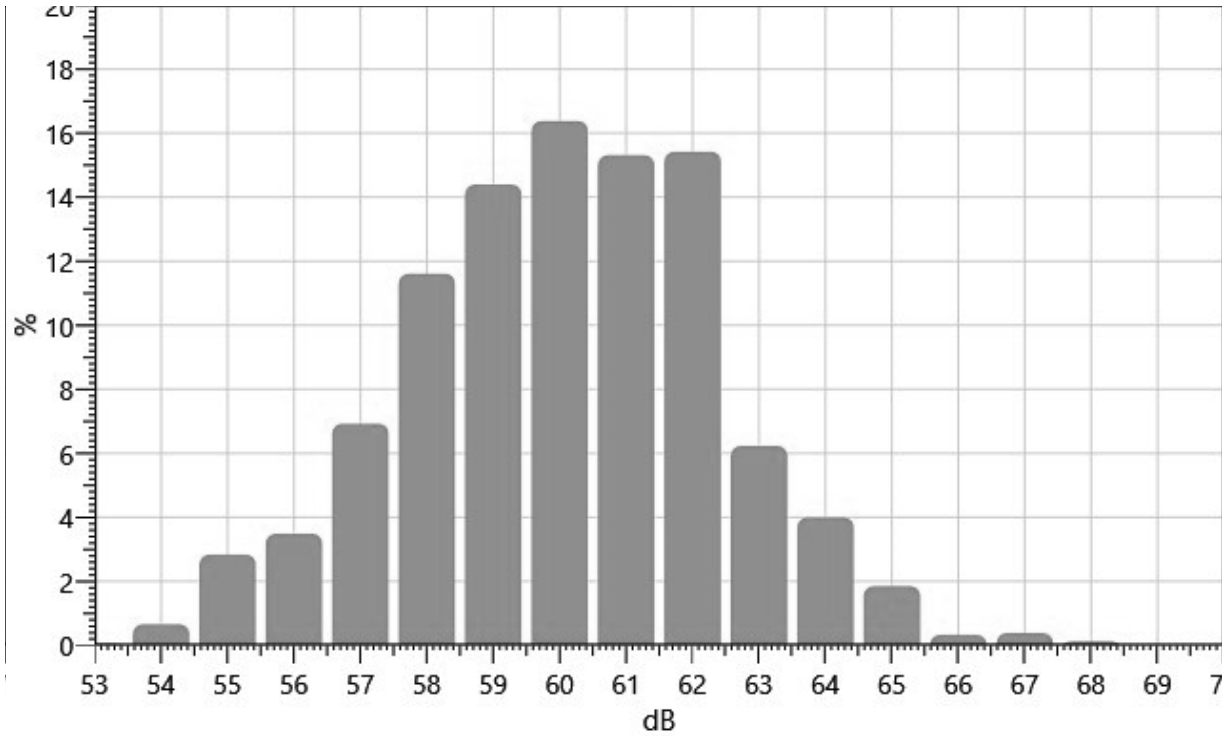
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
53:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06
54:	0.06	0.03	0.02	0.02	0.04	0.13	0.10	0.10	0.09	0.09	0.66
55:	0.17	0.18	0.11	0.25	0.51	0.40	0.46	0.25	0.25	0.26	2.83
56:	0.24	0.15	0.19	0.22	0.39	0.43	0.47	0.50	0.41	0.50	3.49
57:	0.66	0.71	0.46	0.80	0.62	0.82	0.69	0.75	0.71	0.72	6.92
58:	0.95	0.80	0.90	1.22	1.28	1.37	1.16	1.19	1.36	1.37	11.61
59:	1.25	1.27	1.38	1.39	1.53	1.36	1.37	1.43	1.56	1.86	14.40
60:	1.92	1.82	1.23	2.01	1.91	1.57	1.27	1.67	1.47	1.51	16.38
61:	1.55	1.35	1.32	1.34	1.42	1.83	1.85	1.77	1.60	1.28	15.31
62:	1.42	1.40	1.74	1.81	1.79	1.53	1.48	1.40	1.38	1.48	15.42
63:	1.29	0.85	0.61	0.70	0.57	0.50	0.65	0.48	0.29	0.29	6.23
64:	0.32	0.44	0.46	0.40	0.36	0.36	0.38	0.41	0.44	0.43	3.99
65:	0.34	0.17	0.32	0.22	0.23	0.14	0.12	0.14	0.09	0.08	1.85
66:	0.03	0.07	0.05	0.06	0.01	0.02	0.02	0.04	0.01	0.01	0.33

67:	0.02	0.02	0.05	0.05	0.08	0.09	0.03	0.01	0.01	0.01	0.38
68:	0.01	0.06	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.13

Statistics Chart

S016_BIF090005_22072021_204602: Statistics Chart

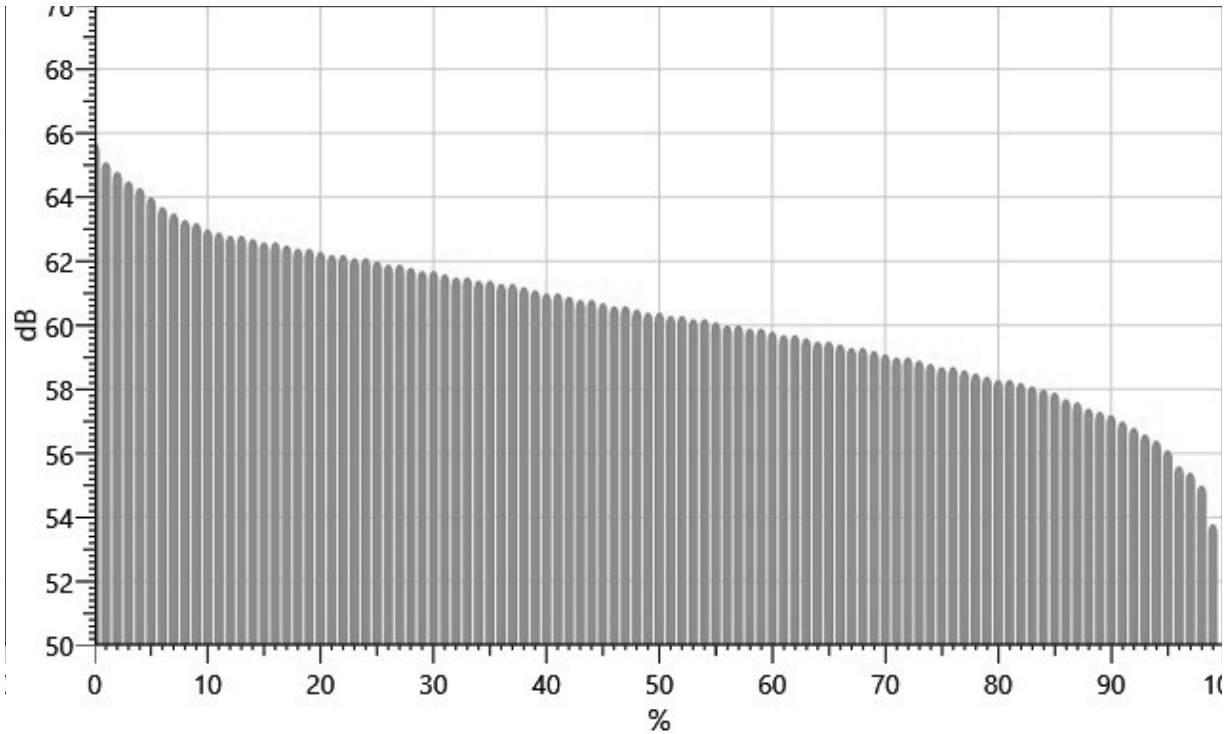


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		65.7	65.1	64.8	64.5	64.3	64.0	63.7	63.5	63.3
10%:	63.2	63.0	62.9	62.8	62.8	62.7	62.6	62.6	62.5	62.4
20%:	62.4	62.3	62.2	62.2	62.1	62.1	62.0	61.9	61.9	61.8
30%:	61.7	61.7	61.6	61.5	61.5	61.4	61.4	61.3	61.3	61.2
40%:	61.1	61.0	61.0	60.9	60.8	60.8	60.7	60.6	60.6	60.5
50%:	60.4	60.4	60.3	60.3	60.2	60.2	60.1	60.0	60.0	59.9
60%:	59.9	59.8	59.7	59.7	59.6	59.5	59.5	59.4	59.3	59.3
70%:	59.2	59.1	59.0	59.0	58.9	58.8	58.7	58.7	58.6	58.5
80%:	58.4	58.3	58.3	58.2	58.1	58.0	57.9	57.7	57.6	57.4
90%:	57.3	57.2	57.0	56.8	56.6	56.4	56.1	55.6	55.4	55.0
100%:	53.8									

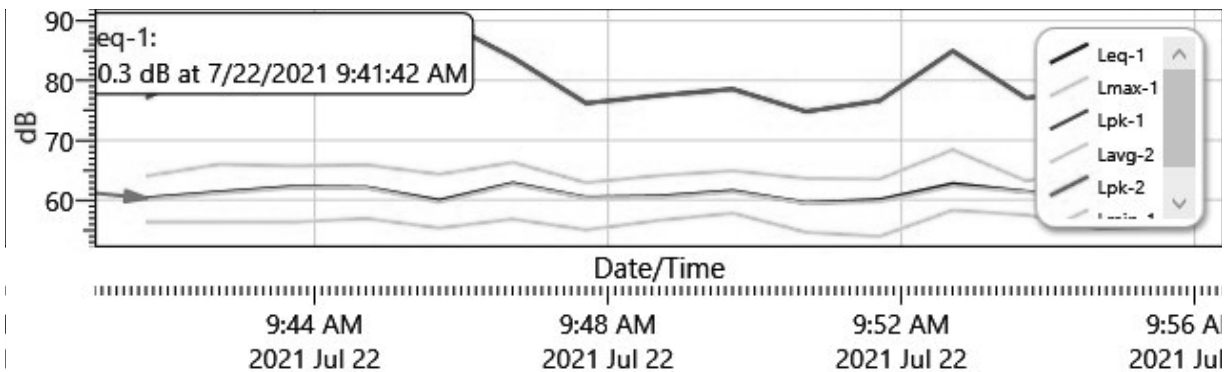
Exceedance Chart

S016_BIF090005_22072021_204602: Exceedance Chart



Logged Data Chart

S016_BIF090005_22072021_204602: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 9:41:42 AM	60.3	64	56.3	77.1
9:42:42 AM	61.3	66	56.3	83.2
9:43:42 AM	62.2	65.7	56.3	85.5
9:44:42 AM	62.1	65.9	56.9	79.7
9:45:42 AM	59.9	64.3	55.3	90.3

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:46:42 AM	62.8	66.3	56.8	83.9
9:47:42 AM	60.4	62.9	55	76.2
9:48:42 AM	60.6	64.1	56.6	77.5
9:49:42 AM	61.5	64.9	57.8	78.6
9:50:42 AM	59.5	63.6	54.6	74.8
9:51:42 AM	60	63.5	53.9	76.6
9:52:42 AM	62.7	68.4	58.3	85
9:53:42 AM	61.4	63.2	57.5	77.1
9:54:42 AM	60.5	65.5	55.2	78.7
9:55:42 AM	60.2	65.3	55.7	78

Session Report

7/22/2021

Information Panel

Name S021_BHF080013_22072021_191845
Start Time 7/22/2021 10:26:13 AM
Stop Time 7/22/2021 10:41:13 AM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 1- TOP of Existing Wall - 1 - Post Construction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	81.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

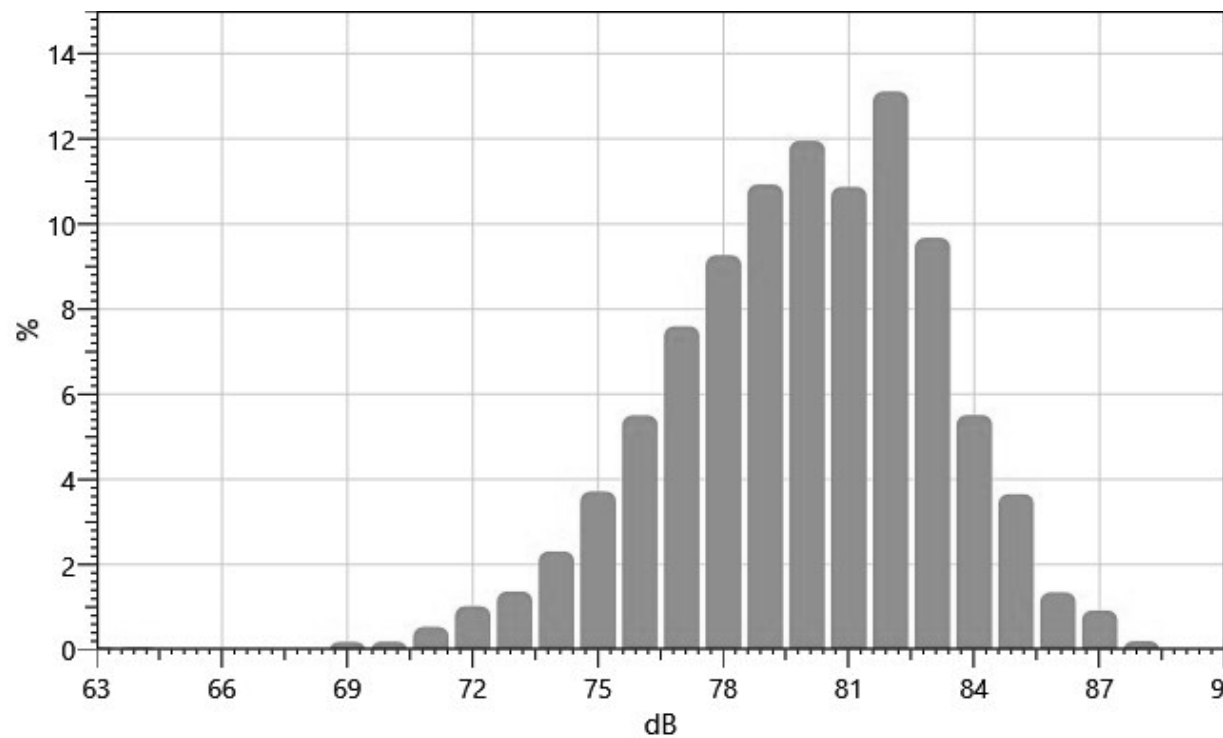
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
63:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.01	0.05
64:	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.06
65:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
66:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
67:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
68:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
69:	0.00	0.00	0.00	0.00	0.05	0.03	0.03	0.03	0.02	0.01	0.18
70:	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.03	0.03	0.19
71:	0.04	0.05	0.04	0.03	0.03	0.06	0.05	0.08	0.07	0.08	0.53
72:	0.06	0.05	0.05	0.06	0.15	0.22	0.12	0.11	0.10	0.10	1.02
73:	0.09	0.10	0.07	0.17	0.09	0.10	0.09	0.12	0.23	0.30	1.36
74:	0.26	0.25	0.31	0.19	0.23	0.24	0.23	0.18	0.19	0.23	2.31
75:	0.27	0.32	0.33	0.30	0.33	0.31	0.39	0.49	0.47	0.51	3.72
76:	0.53	0.47	0.48	0.44	0.46	0.55	0.48	0.72	0.69	0.68	5.50

77:	0.62	0.65	0.75	0.56	0.69	0.80	0.83	0.95	0.82	0.93	7.60
78:	0.99	1.00	0.97	0.85	0.81	0.95	0.83	0.93	1.01	0.92	9.26
79:	0.92	1.12	1.07	1.18	1.10	1.00	1.13	1.17	1.15	1.10	10.93
80:	1.35	1.38	1.34	1.02	0.99	1.05	1.21	1.14	1.22	1.26	11.96
81:	0.89	1.10	1.24	1.33	1.25	1.00	1.03	1.03	1.01	0.99	10.87
82:	1.47	1.57	1.45	1.42	1.34	1.27	1.05	1.25	1.17	1.11	13.11
83:	1.05	1.06	1.07	0.99	0.96	1.23	0.98	0.87	0.80	0.67	9.67
84:	0.81	0.62	0.57	0.68	0.46	0.48	0.49	0.41	0.47	0.53	5.51
85:	0.53	0.50	0.42	0.38	0.38	0.42	0.33	0.24	0.21	0.23	3.65
86:	0.21	0.16	0.15	0.15	0.10	0.13	0.17	0.10	0.09	0.09	1.34
87:	0.07	0.12	0.12	0.09	0.08	0.08	0.06	0.08	0.12	0.11	0.92
88:	0.04	0.05	0.03	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.20

Statistics Chart

S021_BHF080013_22072021_191845: Statistics Chart



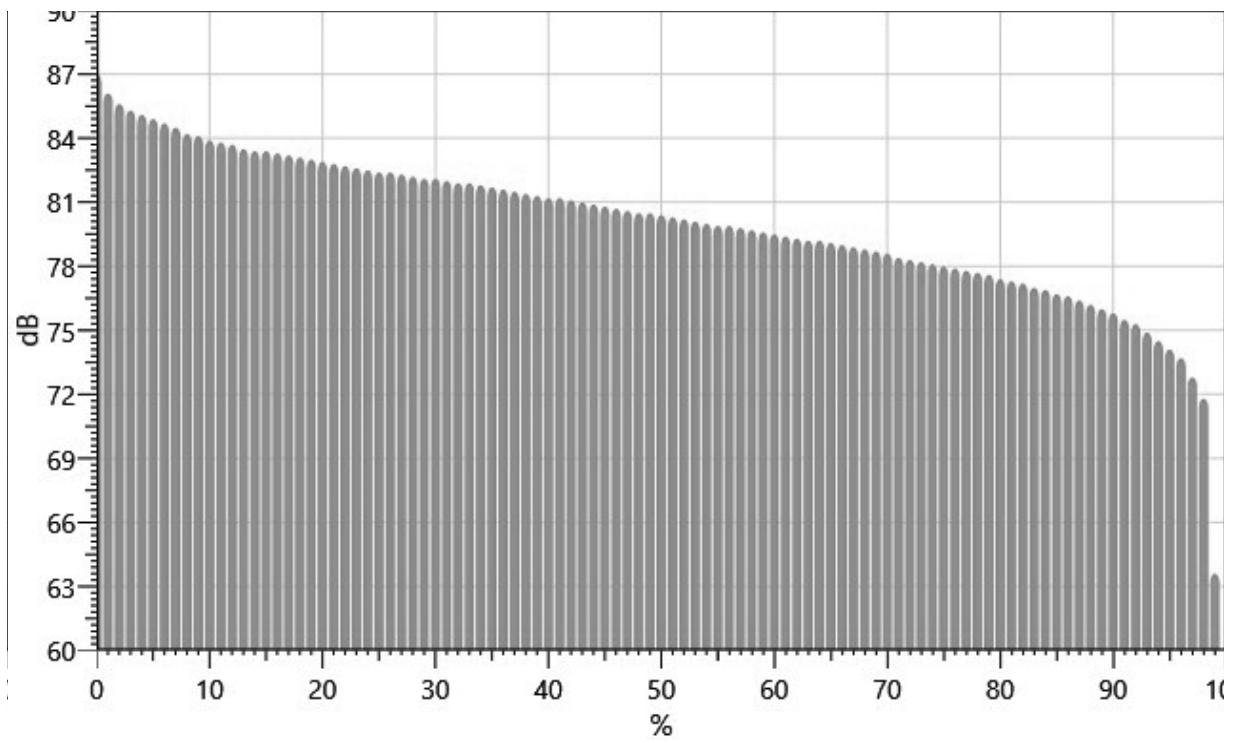
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		87.0	86.1	85.6	85.3	85.1	84.9	84.7	84.5	84.2
10%:	84.1	83.9	83.8	83.7	83.5	83.4	83.4	83.3	83.2	83.1
20%:	83.0	82.9	82.8	82.7	82.6	82.5	82.4	82.4	82.3	82.2

30%:	82.1	82.1	82.0	81.9	81.9	81.8	81.7	81.6	81.5	81.4
40%:	81.3	81.2	81.2	81.1	81.0	80.9	80.8	80.7	80.6	80.5
50%:	80.5	80.4	80.3	80.2	80.1	80.0	79.9	79.9	79.8	79.7
60%:	79.6	79.5	79.4	79.3	79.2	79.2	79.1	79.0	78.9	78.8
70%:	78.7	78.6	78.4	78.3	78.2	78.1	78.0	77.9	77.8	77.7
80%:	77.6	77.4	77.3	77.2	77.0	76.9	76.7	76.6	76.4	76.2
90%:	76.0	75.8	75.5	75.3	74.9	74.5	74.1	73.7	72.8	71.8
100%:	63.6									

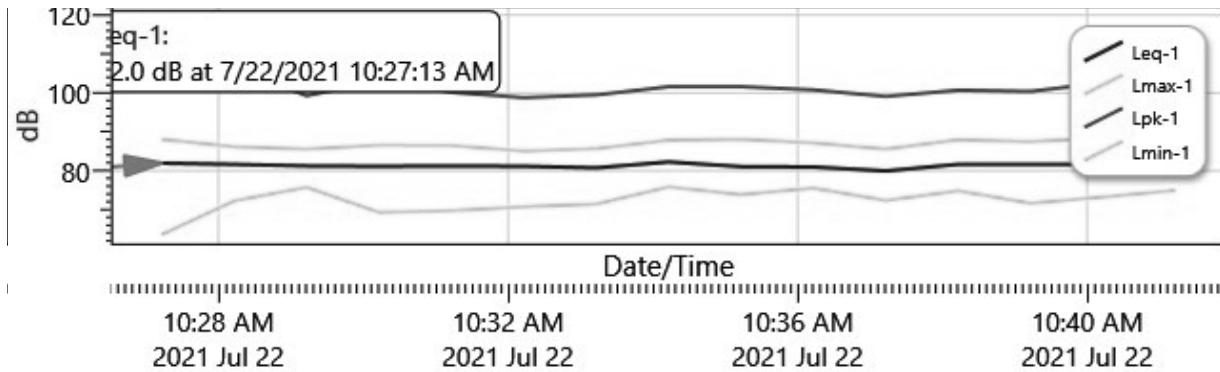
Exceedance Chart

S021_BHF080013_22072021_191845: Exceedance Chart



Logged Data Chart

S021_BHF080013_22072021_191845: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 10:27:13 AM	82	88.1	63.7	119.5
10:28:13 AM	81.7	86.2	72.3	106.6
10:29:13 AM	81.3	85.6	75.8	99.3
10:30:13 AM	81.2	86.6	69.4	103.2
10:31:13 AM	81.3	86.5	69.8	100.2
10:32:13 AM	81.2	85.1	70.8	98.8
10:33:13 AM	80.8	85.7	71.5	99.5
10:34:13 AM	82.3	87.9	75.9	101.6
10:35:13 AM	81.1	88.1	73.9	101.6
10:36:13 AM	81	87.2	75.6	100.8
10:37:13 AM	80	85.6	72.4	99.1
10:38:13 AM	81.7	88	74.9	100.7
10:39:13 AM	81.7	87.5	71.7	100.4
10:40:13 AM	81.7	88.5	73.3	102.6
10:41:13 AM	81.6	87.9	75	103.6

Session Report

7/22/2021

Information Panel

Name S044_BIG080015_22072021_194802
Start Time 7/22/2021 10:27:24 AM
Stop Time 7/22/2021 10:42:24 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 10' from Existing Wall -1-Post Construction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	62.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

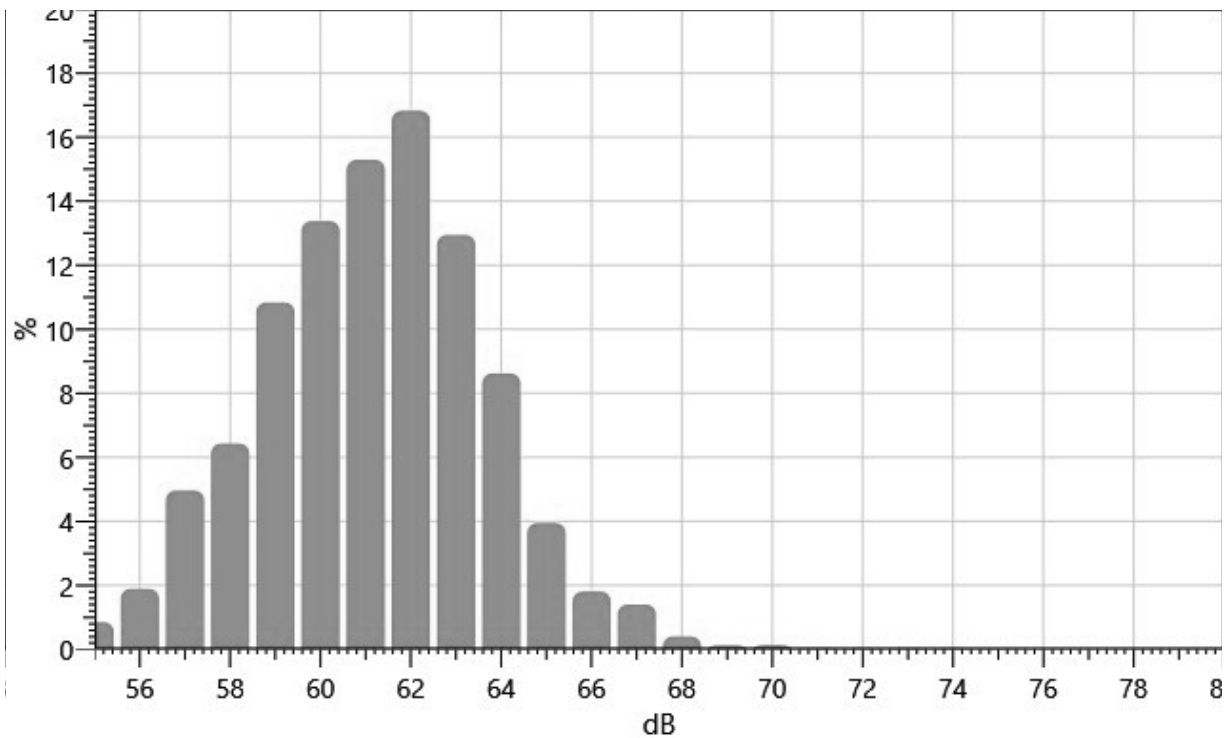
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.09	0.06	0.05	0.08	0.20	0.24	0.12	0.85
56:	0.14	0.07	0.07	0.10	0.14	0.22	0.27	0.33	0.24	0.30	1.89
57:	0.27	0.44	0.42	0.51	0.64	0.54	0.65	0.53	0.48	0.49	4.96
58:	0.48	0.47	0.42	0.37	0.48	0.76	0.69	0.86	0.95	0.93	6.43
59:	1.24	0.75	0.98	1.10	1.24	1.26	1.11	1.04	1.03	1.09	10.84
60:	1.19	1.21	1.26	1.28	1.49	1.51	1.29	1.17	1.44	1.55	13.38
61:	1.66	1.80	1.66	1.48	1.51	1.61	1.25	1.47	1.32	1.54	15.29
62:	1.55	1.47	2.05	2.15	2.01	1.47	1.48	1.32	1.61	1.71	16.82
63:	1.43	1.33	1.51	1.29	1.46	1.51	1.32	0.98	1.00	1.12	12.94
64:	0.98	0.96	1.01	0.99	1.01	0.94	0.89	0.71	0.61	0.53	8.62
65:	0.52	0.46	0.32	0.39	0.46	0.48	0.49	0.33	0.25	0.23	3.95
66:	0.24	0.26	0.19	0.21	0.15	0.16	0.17	0.17	0.13	0.12	1.81
67:	0.16	0.14	0.14	0.22	0.15	0.18	0.14	0.13	0.06	0.09	1.40
68:	0.09	0.11	0.03	0.01	0.03	0.02	0.02	0.02	0.03	0.05	0.41

69:	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.13
70:	0.02	0.02	0.02	0.02	0.03	0.00	0.00	0.01	0.00	0.01	0.13
71:	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.04
72:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.03
73:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.04
74:	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
75:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02

Statistics Chart

S044_BIG080015_22072021_194802: Statistics Chart



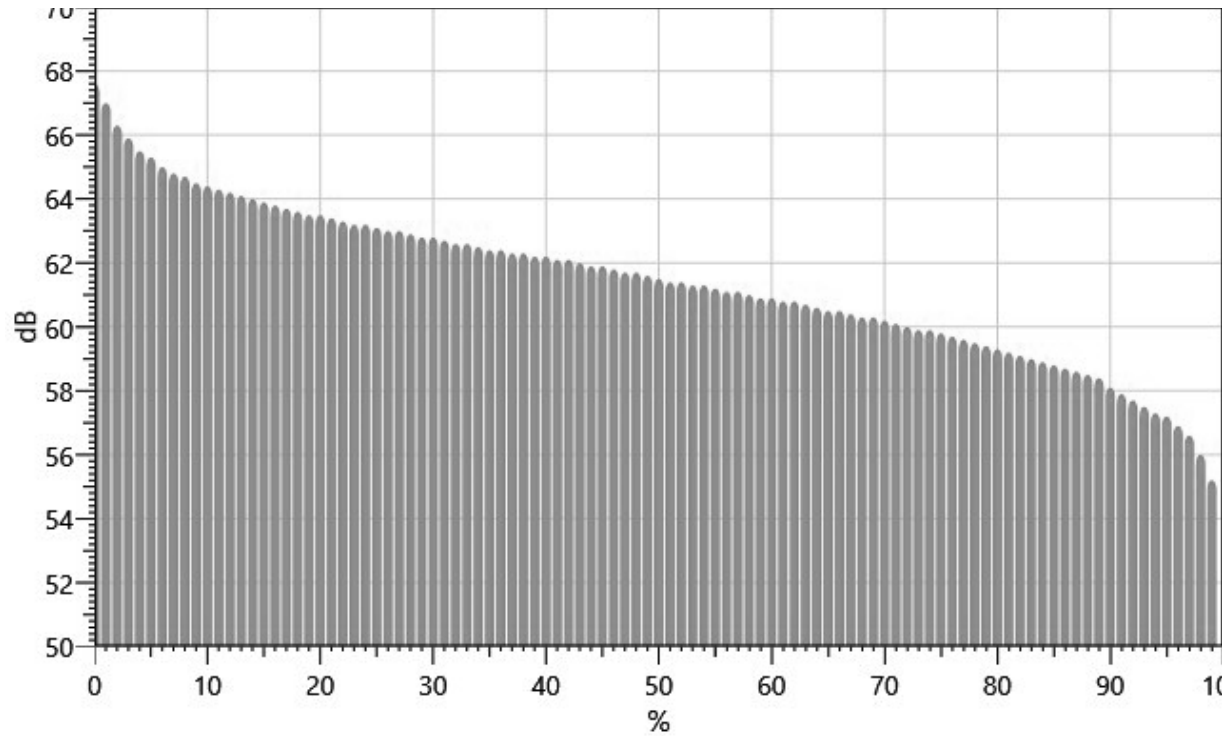
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		67.6	67.0	66.3	65.9	65.5	65.3	65.0	64.8	64.7
10%:	64.5	64.4	64.3	64.2	64.1	64.0	63.9	63.8	63.7	63.6
20%:	63.5	63.5	63.4	63.3	63.2	63.2	63.1	63.0	63.0	62.9
30%:	62.8	62.8	62.7	62.6	62.6	62.5	62.4	62.4	62.3	62.3
40%:	62.2	62.2	62.1	62.1	62.0	61.9	61.9	61.8	61.7	61.7
50%:	61.6	61.5	61.4	61.4	61.3	61.3	61.2	61.1	61.1	61.0
60%:	60.9	60.9	60.8	60.8	60.7	60.6	60.5	60.5	60.4	60.3
70%:	60.3	60.2	60.1	60.0	59.9	59.9	59.8	59.7	59.6	59.5

80%:	59.4	59.3	59.2	59.1	59.0	58.9	58.8	58.7	58.6	58.5
90%:	58.4	58.1	57.9	57.7	57.5	57.3	57.2	56.9	56.6	56.0
100%:	55.2									

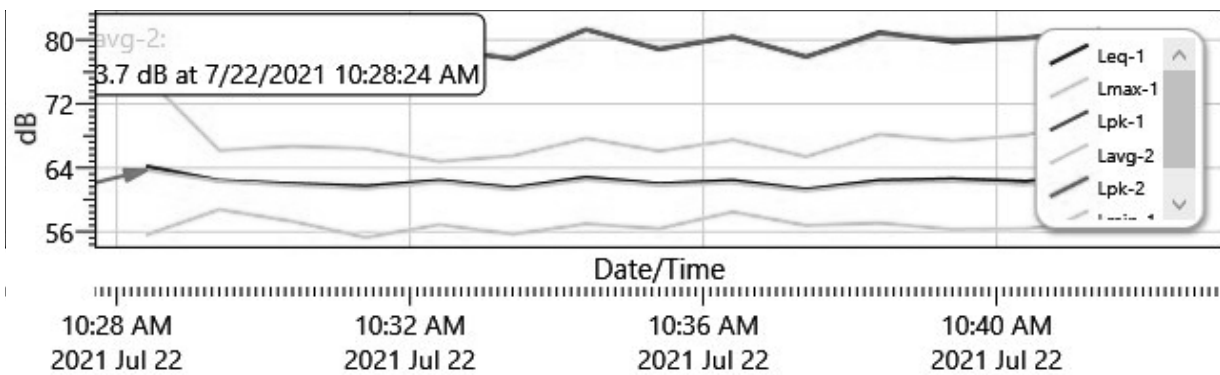
Exceedance Chart

S044_BIG080015_22072021_194802: Exceedance Chart



Logged Data Chart

S044_BIG080015_22072021_194802: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 10:28:24 AM	64.2	75.4	55.6	82.5

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:29:24 AM	62.4	66.2	58.8	78.2
10:30:24 AM	62	66.7	57.3	80.4
10:31:24 AM	61.7	66.4	55.3	79.2
10:32:24 AM	62.4	64.8	56.9	78.9
10:33:24 AM	61.5	65.5	55.7	77.6
10:34:24 AM	62.8	67.7	57	81.3
10:35:24 AM	62	66.1	56.4	78.8
10:36:24 AM	62.4	67.5	58.5	80.4
10:37:24 AM	61.3	65.4	56.8	77.9
10:38:24 AM	62.4	68.2	57.1	81
10:39:24 AM	62.6	67.4	56.3	79.7
10:40:24 AM	62.3	68.1	56.4	80.3
10:41:24 AM	63.2	70.4	57.5	81.3
10:42:24 AM	62	66.3	58.5	77.5

Session Report

8/2/2021

Information Panel

Name S698_BGH030008_02082021_162550
Start Time 7/22/2021 10:27:14 AM
Stop Time 7/22/2021 10:42:14 AM
Device Name BIH030011
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter3_50' from existing wall 1 Post Construction

Summary Data Panel

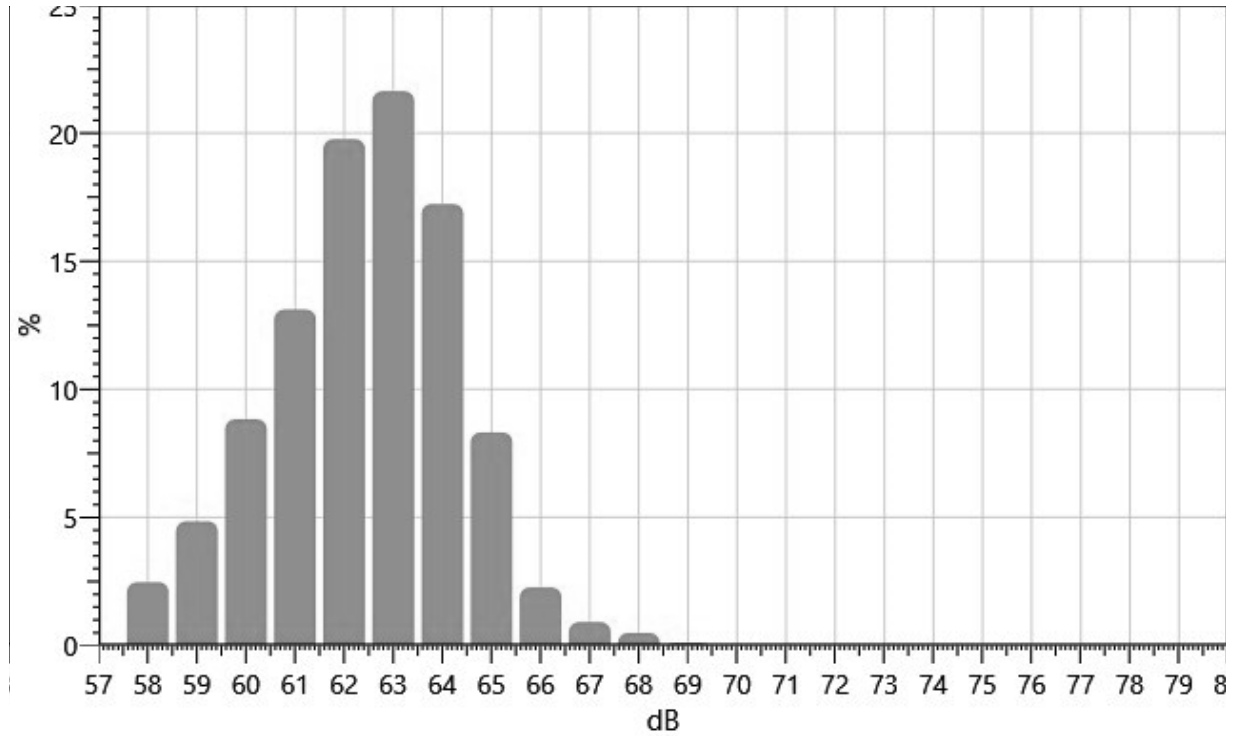
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	--			
Exchange Rate	1	4 dB	Weighting	1	A
Response	1	FAST	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03
58:	0.05	0.07	0.10	0.15	0.18	0.24	0.33	0.39	0.47	0.47	2.47
59:	0.46	0.29	0.38	0.40	0.39	0.46	0.55	0.59	0.67	0.65	4.84
60:	0.69	0.68	0.75	0.78	0.91	0.98	1.01	0.98	1.01	1.04	8.83
61:	1.02	1.08	1.14	1.17	1.13	1.36	1.44	1.60	1.53	1.64	13.11
62:	1.66	1.40	1.65	1.88	1.89	1.88	2.07	2.31	2.59	2.43	19.77
63:	2.36	2.38	2.29	2.16	2.05	2.10	2.01	2.02	2.22	2.04	21.64
64:	2.16	2.02	1.82	1.75	1.55	1.54	1.59	1.76	1.57	1.47	17.24
65:	1.36	1.16	0.86	0.94	0.98	0.84	0.72	0.53	0.47	0.47	8.31
66:	0.30	0.26	0.23	0.20	0.23	0.27	0.23	0.21	0.18	0.13	2.26
67:	0.14	0.11	0.13	0.10	0.05	0.09	0.06	0.06	0.07	0.08	0.91
68:	0.08	0.06	0.04	0.05	0.04	0.05	0.05	0.04	0.03	0.03	0.48
69:	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.10
70:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

Statistics Chart

S698_BGH030008_02082021_162550: Statistics Chart

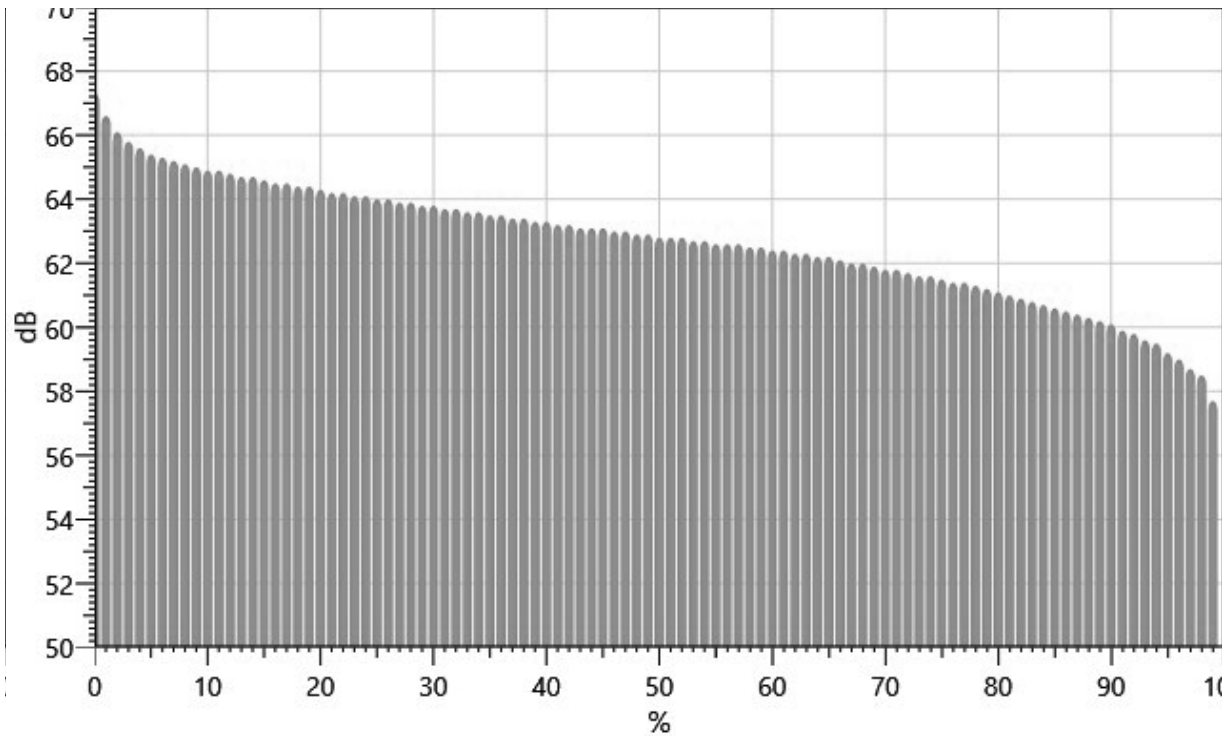


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		67.3	66.6	66.1	65.8	65.6	65.4	65.3	65.2	65.1
10%:	65.0	64.9	64.9	64.8	64.7	64.7	64.6	64.5	64.5	64.4
20%:	64.4	64.3	64.2	64.2	64.1	64.1	64.0	64.0	63.9	63.9
30%:	63.8	63.8	63.7	63.7	63.6	63.6	63.5	63.5	63.4	63.4
40%:	63.3	63.3	63.2	63.2	63.1	63.1	63.1	63.0	63.0	62.9
50%:	62.9	62.8	62.8	62.8	62.7	62.7	62.6	62.6	62.6	62.5
60%:	62.5	62.4	62.4	62.3	62.3	62.2	62.2	62.1	62.0	62.0
70%:	61.9	61.8	61.8	61.7	61.6	61.6	61.5	61.4	61.4	61.3
80%:	61.2	61.1	61.0	60.9	60.8	60.7	60.6	60.5	60.4	60.3
90%:	60.2	60.1	59.9	59.8	59.6	59.5	59.2	59.0	58.7	58.5
100%:	57.7									

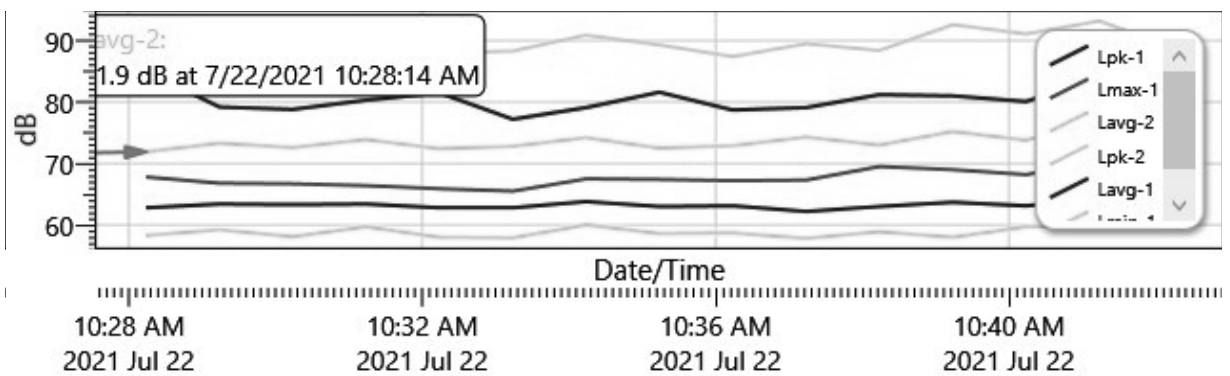
Exceedance Chart

S698_BGH030008_02082021_162550: Exceedance Chart



Logged Data Chart

S698_BGH030008_02082021_162550: Logged Data Chart



Logged Data Table

Date/Time	Lavg-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 10:28:14 AM	62.8	67.8	58.3	85
10:29:14 AM	63.4	66.8	59.2	79.2
10:30:14 AM	63.3	66.7	58.1	78.8
10:31:14 AM	63.4	66.4	59.7	80.3
10:32:14 AM	62.8	65.9	58	81.5

Date/Time	Lavg-1	Lmax-1	Lmin-1	Lpk-1
10:33:14 AM	62.8	65.5	57.9	77.2
10:34:14 AM	63.8	67.5	60	79.1
10:35:14 AM	63	67.4	58.6	81.6
10:36:14 AM	63.1	67.2	58.7	78.7
10:37:14 AM	62.2	67.3	57.8	79.1
10:38:14 AM	63	69.5	58.9	81.2
10:39:14 AM	63.7	69	58	81
10:40:14 AM	63.1	68.2	59.7	80.1
10:41:14 AM	64.3	70.2	59.8	84
10:42:14 AM	63.4	66.4	59.7	81.2

Session Report

7/23/2021

Information Panel

Name S016_BIF090003_22072021_202014
Start Time 7/22/2021 10:27:15 AM
Stop Time 7/22/2021 10:42:15 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from Existing Wall -1- Postconstruction

Summary Data Panel

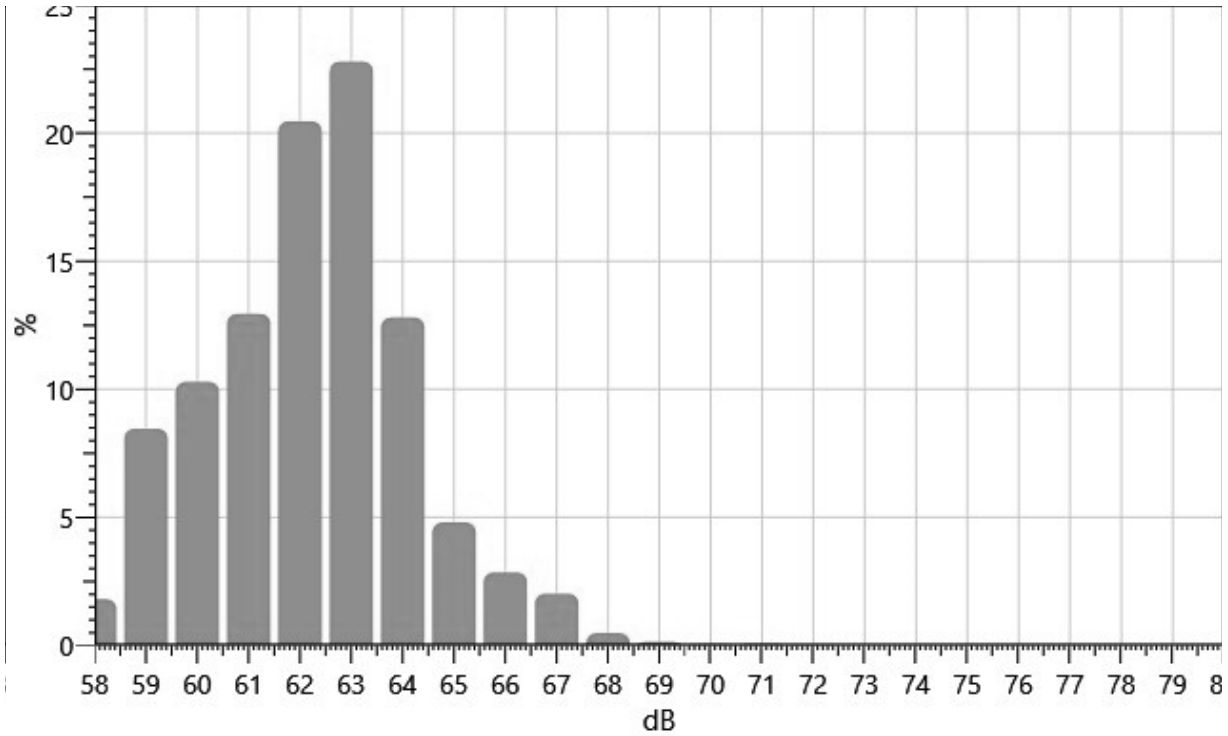
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	FAST			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.02	0.04	0.13	0.05	0.05	0.08	0.31	0.24	0.34	0.54	1.80
59:	0.74	0.74	0.74	0.53	0.82	1.09	1.14	1.28	0.76	0.61	8.46
60:	0.58	0.91	0.96	1.12	1.05	0.97	0.93	1.27	1.50	1.01	10.29
61:	1.02	1.11	1.20	1.19	1.00	1.26	1.45	1.51	1.43	1.77	12.94
62:	1.78	1.44	1.24	2.08	1.62	1.82	2.46	2.64	2.55	2.84	20.46
63:	2.76	2.31	2.63	2.39	2.46	2.68	2.07	1.86	1.80	1.85	22.80
64:	1.71	1.40	1.42	1.55	1.37	1.23	1.14	1.06	1.08	0.85	12.81
65:	0.76	0.69	0.40	0.58	0.53	0.47	0.36	0.34	0.30	0.37	4.80
66:	0.34	0.37	0.40	0.37	0.30	0.23	0.24	0.19	0.18	0.23	2.85
67:	0.22	0.23	0.20	0.24	0.20	0.23	0.17	0.18	0.18	0.16	2.02
68:	0.11	0.11	0.06	0.08	0.05	0.02	0.01	0.01	0.02	0.02	0.48
69:	0.02	0.02	0.06	0.02	0.01	0.00	0.01	0.01	0.00	0.01	0.14
70:	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.05
71:	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.07

Statistics Chart

S016_BIF090003_22072021_202014: Statistics Chart

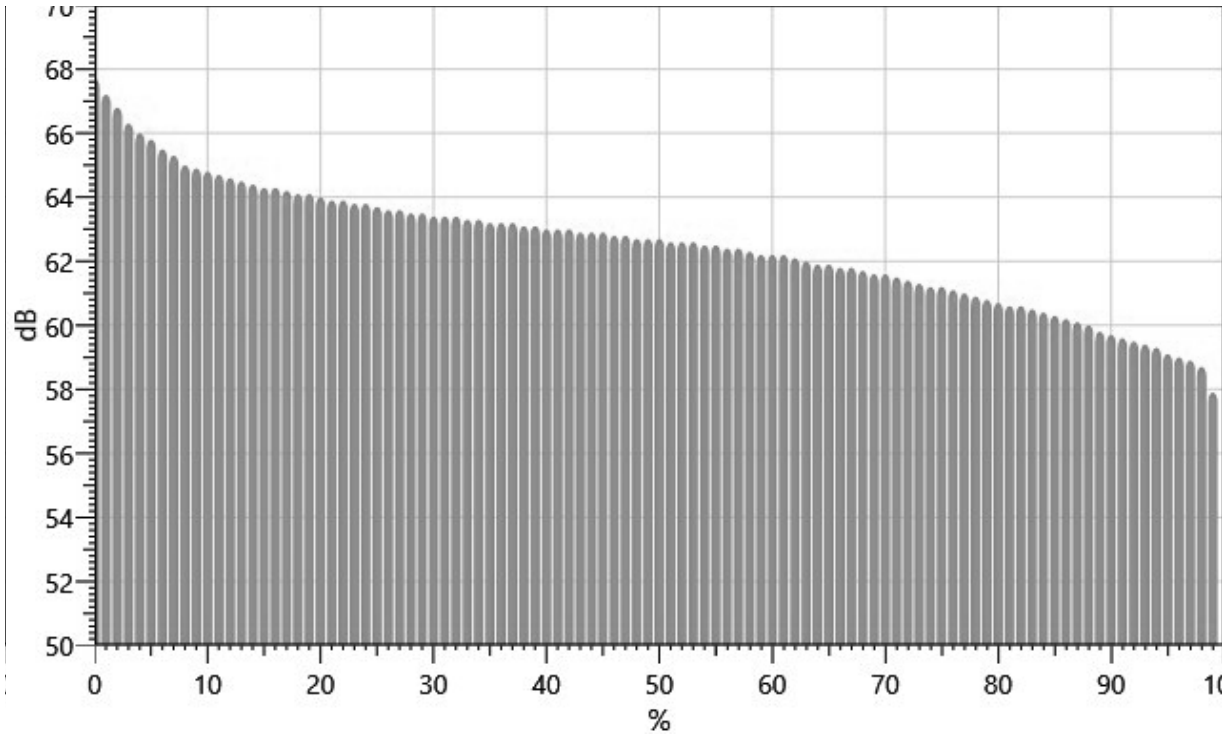


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		67.7	67.2	66.8	66.3	66.0	65.8	65.5	65.3	65.0
10%:	64.9	64.8	64.7	64.6	64.5	64.4	64.3	64.3	64.2	64.1
20%:	64.1	64.0	63.9	63.9	63.8	63.8	63.7	63.6	63.6	63.5
30%:	63.5	63.4	63.4	63.4	63.3	63.3	63.2	63.2	63.2	63.1
40%:	63.1	63.0	63.0	63.0	62.9	62.9	62.9	62.8	62.8	62.7
50%:	62.7	62.7	62.6	62.6	62.6	62.5	62.5	62.4	62.4	62.3
60%:	62.2	62.2	62.2	62.1	62.0	61.9	61.9	61.8	61.8	61.7
70%:	61.6	61.6	61.5	61.4	61.3	61.2	61.2	61.1	61.0	60.9
80%:	60.8	60.7	60.6	60.6	60.5	60.4	60.3	60.2	60.1	60.0
90%:	59.8	59.7	59.6	59.5	59.4	59.3	59.1	59.0	58.9	58.7
100%:	57.9									

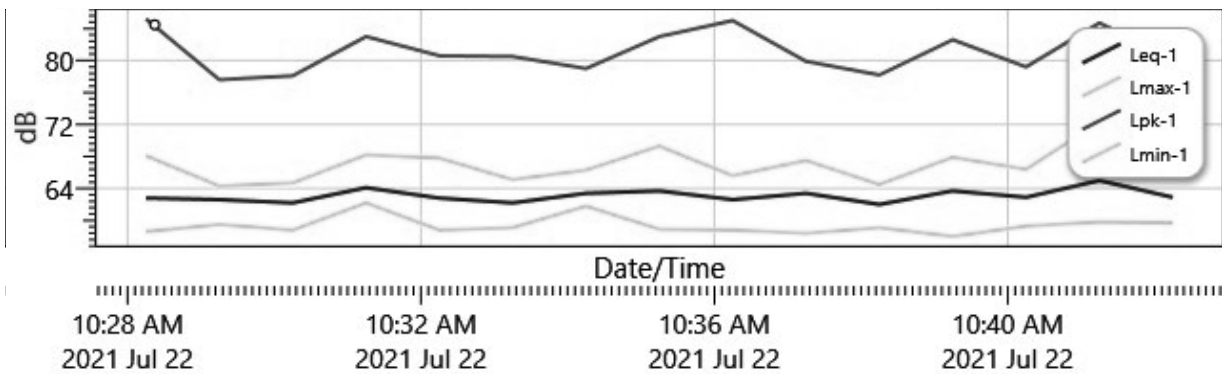
Exceedance Chart

S016_BIF090003_22072021_202014: Exceedance Chart



Logged Data Chart

S016_BIF090003_22072021_202014: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 10:28:15 AM	62.8	68.1	58.6	85.2
10:29:15 AM	62.6	64.3	59.5	77.6
10:30:15 AM	62.2	64.7	58.8	78.1
10:31:15 AM	64.1	68.2	62.2	83
10:32:15 AM	62.8	67.8	58.8	80.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:33:15 AM	62.2	65.1	59.1	80.5
10:34:15 AM	63.4	66.3	61.8	79
10:35:15 AM	63.7	69.3	58.9	83
10:36:15 AM	62.6	65.6	58.8	85
10:37:15 AM	63.4	67.5	58.4	79.9
10:38:15 AM	62	64.5	59.1	78.2
10:39:15 AM	63.7	67.9	58	82.6
10:40:15 AM	62.9	66.4	59.3	79.2
10:41:15 AM	65	72.3	59.8	84.7
10:42:15 AM	62.9	67.5	59.7	80.3

Session Report

7/23/2021

Information Panel

Name S017_BIF090005_22072021_204603
Start Time 7/22/2021 10:27:43 AM
Stop Time 7/22/2021 10:42:43 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 200' from Existing wall - 1 -Postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	60.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

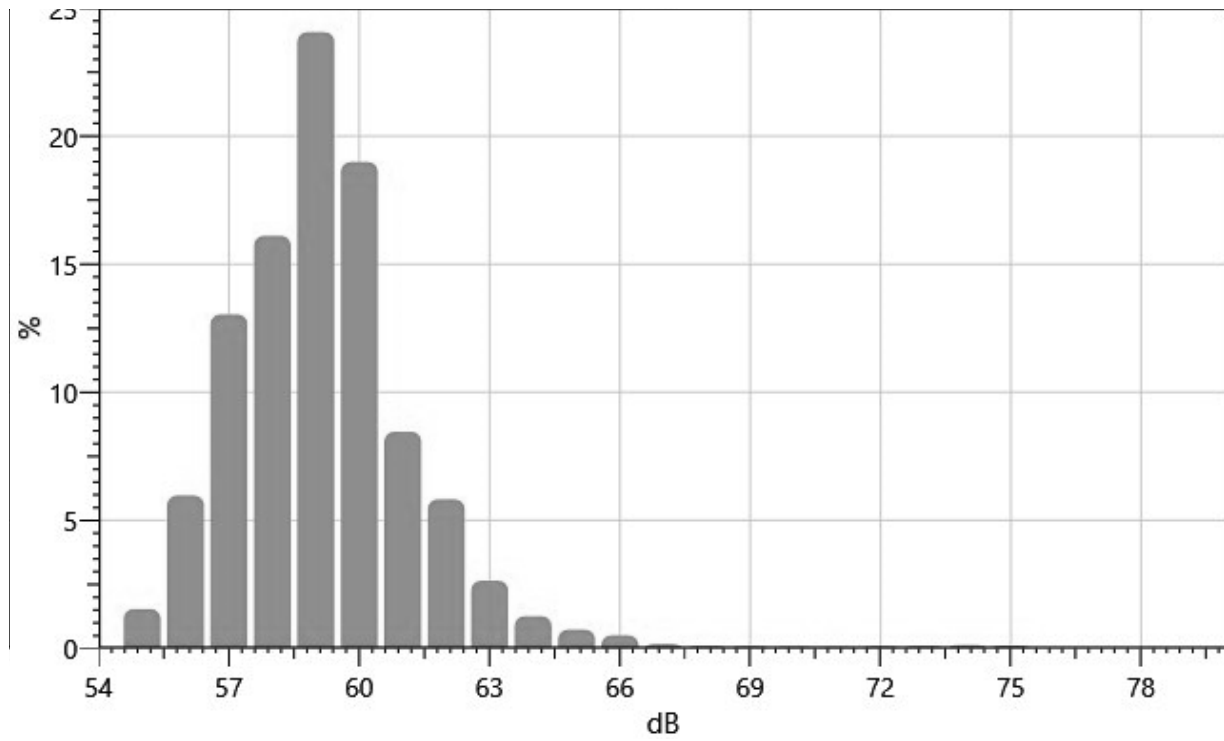
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
54:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02
55:	0.05	0.08	0.04	0.07	0.03	0.12	0.26	0.22	0.33	0.32	1.53
56:	0.52	0.45	0.29	0.55	0.49	0.95	0.72	0.67	0.61	0.73	5.97
57:	0.84	1.53	1.12	1.36	1.28	1.71	1.45	1.41	1.27	1.09	13.04
58:	1.20	1.23	1.47	1.67	1.28	1.44	1.90	1.79	2.00	2.13	16.11
59:	2.17	2.54	1.90	2.12	2.49	2.39	2.55	2.53	2.59	2.77	24.06
60:	2.34	2.36	1.75	2.49	2.18	2.12	1.71	1.33	1.24	1.48	18.99
61:	1.44	1.46	1.15	0.95	0.89	0.65	0.40	0.46	0.52	0.54	8.46
62:	0.64	0.60	0.63	0.44	0.49	0.49	0.85	0.69	0.61	0.39	5.82
63:	0.34	0.38	0.23	0.27	0.40	0.27	0.20	0.19	0.13	0.24	2.64
64:	0.18	0.28	0.18	0.12	0.12	0.11	0.06	0.07	0.06	0.06	1.26
65:	0.05	0.07	0.07	0.06	0.06	0.07	0.09	0.10	0.09	0.08	0.73
66:	0.06	0.05	0.04	0.07	0.05	0.09	0.09	0.02	0.02	0.02	0.51
67:	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.02	0.02	0.16

68:	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
69:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
70:	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.07
71:	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.05
72:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
73:	0.01	0.02	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.09
74:	0.01	0.01	0.01	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.13
75:	0.01	0.02	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.11

Statistics Chart

S017_BIF090005_22072021_204603: Statistics Chart



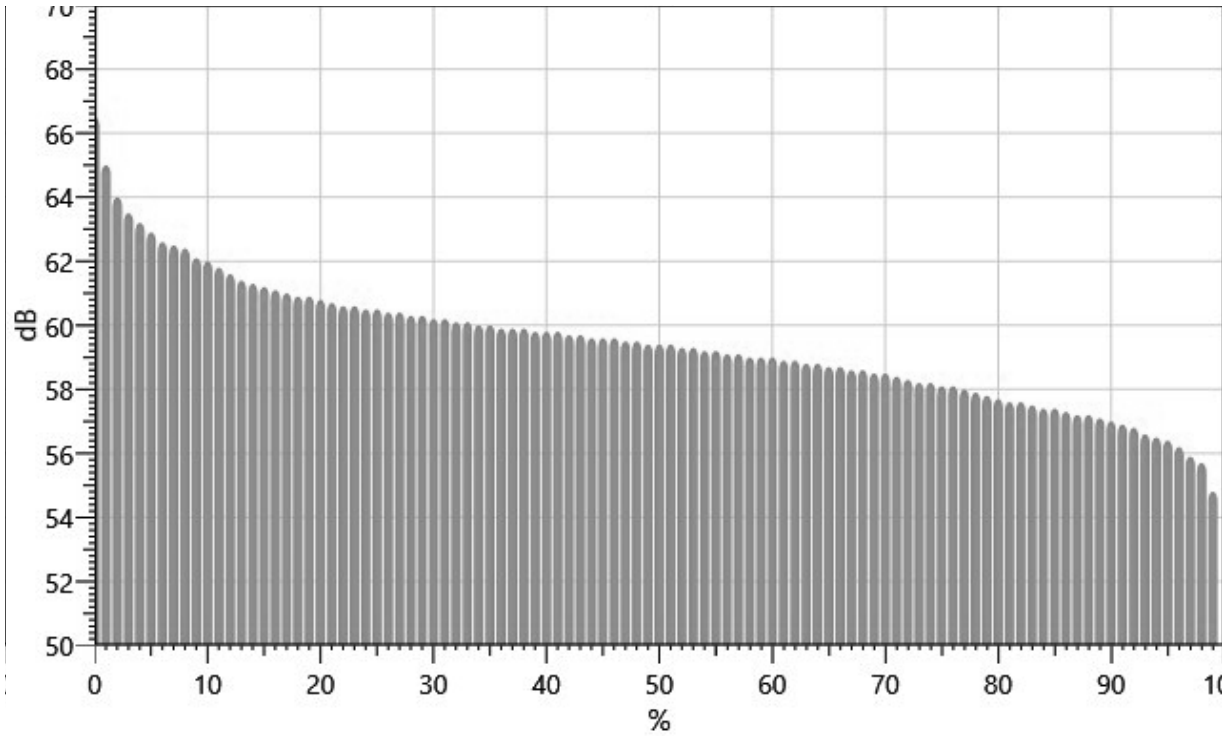
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		66.5	65.0	64.0	63.5	63.2	62.9	62.6	62.5	62.4
10%:	62.1	62.0	61.8	61.6	61.4	61.3	61.2	61.1	61.0	60.9
20%:	60.9	60.8	60.7	60.6	60.6	60.5	60.5	60.4	60.4	60.3
30%:	60.3	60.2	60.2	60.1	60.1	60.0	60.0	59.9	59.9	59.9
40%:	59.8	59.8	59.8	59.7	59.7	59.6	59.6	59.6	59.5	59.5
50%:	59.4	59.4	59.4	59.3	59.3	59.2	59.2	59.1	59.1	59.0
60%:	59.0	59.0	58.9	58.9	58.8	58.8	58.7	58.7	58.6	58.6

70%:	58.5	58.5	58.4	58.3	58.2	58.2	58.1	58.1	58.0	57.9
80%:	57.8	57.7	57.6	57.6	57.5	57.4	57.4	57.3	57.2	57.2
90%:	57.1	57.0	56.9	56.8	56.6	56.5	56.4	56.2	55.9	55.7
100%:	54.8									

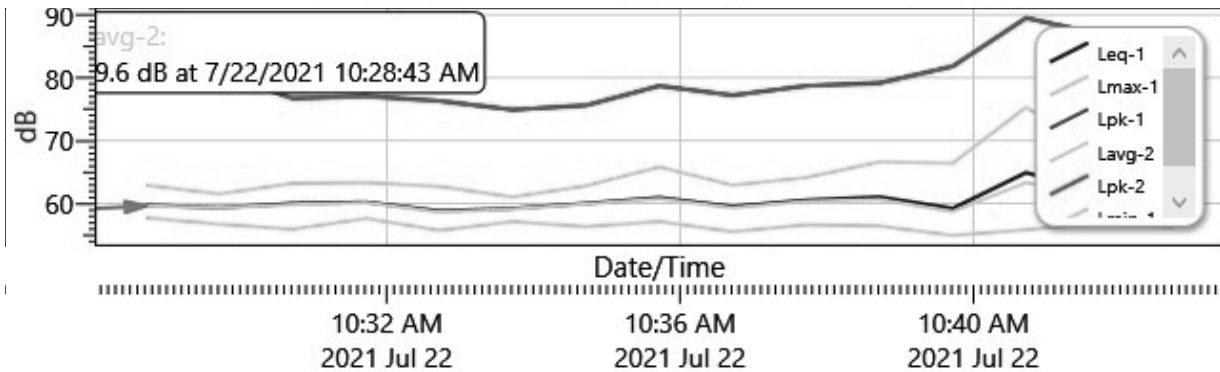
Exceedance Chart

S017_BIF090005_22072021_204603: Exceedance Chart



Logged Data Chart

S017_BIF090005_22072021_204603: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
-----------	-------	--------	--------	-------

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 10:28:43 AM	59.7	62.9	57.7	79.3
10:29:43 AM	59.3	61.5	56.7	80.8
10:30:43 AM	60	63.2	55.9	76.7
10:31:43 AM	60.2	63.3	57.6	77.1
10:32:43 AM	58.8	62.7	55.7	76.3
10:33:43 AM	59.2	61	57.1	74.9
10:34:43 AM	60	62.8	56.3	75.6
10:35:43 AM	60.9	65.8	57.1	78.7
10:36:43 AM	59.5	62.9	55.5	77.2
10:37:43 AM	60.5	64.1	56.6	78.7
10:38:43 AM	61	66.6	56.4	79.2
10:39:43 AM	59.2	66.4	54.9	81.8
10:40:43 AM	64.9	75.3	55.8	89.5
10:41:43 AM	61.7	68.1	57	87
10:42:43 AM	59	62.7	56.3	83.7

Session Report

7/22/2021

Information Panel

Name S022_BHF080013_22072021_191846
Start Time 7/22/2021 1:19:05 PM
Stop Time 7/22/2021 1:34:05 PM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 1 Top of Vinyl Wall -2- Post Construction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	76.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

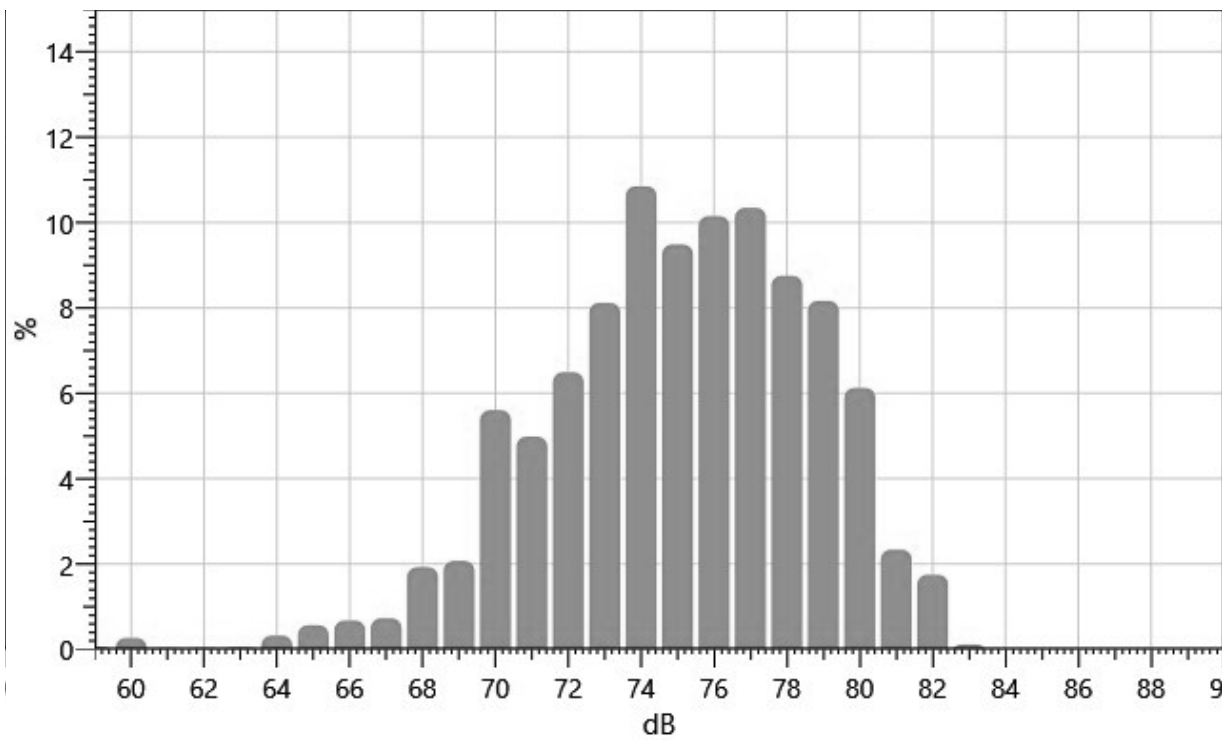
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.06
60:	0.06	0.06	0.02	0.02	0.03	0.04	0.02	0.00	0.01	0.01	0.27
61:	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
62:	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.03
63:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.05
64:	0.01	0.01	0.01	0.01	0.01	0.03	0.05	0.02	0.03	0.15	0.32
65:	0.17	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.04	0.04	0.57
66:	0.03	0.03	0.08	0.10	0.11	0.10	0.06	0.08	0.04	0.04	0.68
67:	0.06	0.07	0.04	0.03	0.03	0.02	0.04	0.12	0.17	0.13	0.73
68:	0.14	0.15	0.32	0.18	0.20	0.17	0.19	0.21	0.20	0.18	1.93
69:	0.15	0.19	0.20	0.19	0.19	0.17	0.19	0.24	0.24	0.30	2.07
70:	0.39	0.44	0.38	0.44	0.54	0.66	0.81	0.71	0.62	0.60	5.60
71:	0.55	0.61	0.70	0.36	0.46	0.50	0.43	0.39	0.45	0.53	4.98
72:	0.55	0.54	0.64	0.55	0.58	0.72	0.72	0.65	0.83	0.71	6.49

73:	0.86	0.68	0.82	0.99	0.81	0.76	0.78	0.78	0.77	0.89	8.12
74:	0.92	0.92	1.31	0.88	1.07	1.29	1.15	1.22	1.17	0.92	10.85
75:	0.83	0.93	0.79	0.97	0.98	0.97	1.01	0.99	0.98	1.05	9.49
76:	1.19	1.12	1.05	0.97	0.86	0.93	1.08	0.86	0.97	1.10	10.15
77:	1.22	1.07	1.13	0.71	1.13	1.30	1.00	1.08	0.91	0.78	10.35
78:	0.74	0.80	0.86	1.10	0.96	0.94	0.83	0.79	0.88	0.86	8.75
79:	0.84	1.00	1.28	0.86	0.73	0.72	0.69	0.63	0.66	0.76	8.16
80:	0.77	0.79	0.82	0.62	0.48	0.47	0.54	0.72	0.50	0.42	6.13
81:	0.31	0.32	0.30	0.22	0.20	0.21	0.22	0.19	0.22	0.15	2.34
82:	0.17	0.36	0.18	0.14	0.20	0.29	0.19	0.15	0.05	0.02	1.75
83:	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.00	0.00	0.12

Statistics Chart

S022_BHF080013_22072021_191846: Statistics Chart



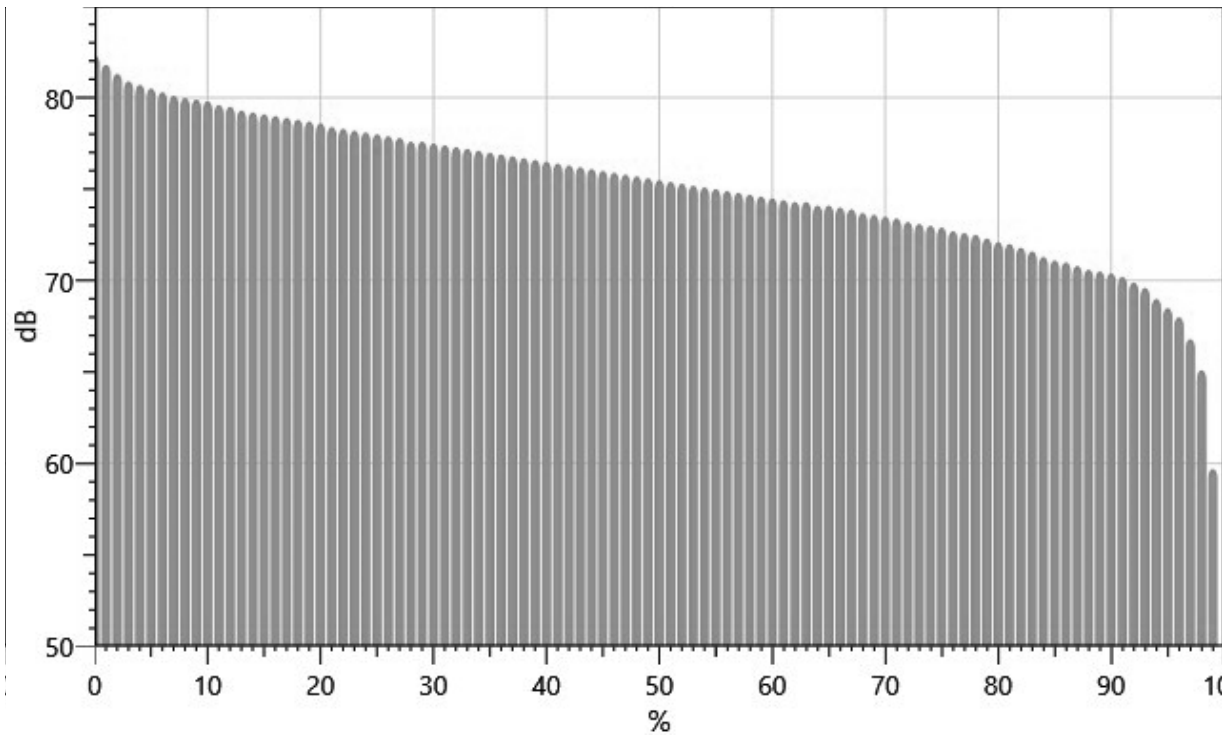
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		82.3	81.8	81.3	80.9	80.7	80.5	80.3	80.1	80.0
10%:	79.9	79.8	79.6	79.5	79.3	79.2	79.1	79.0	78.9	78.8
20%:	78.7	78.6	78.4	78.3	78.2	78.1	78.0	77.9	77.8	77.6
30%:	77.6	77.5	77.4	77.3	77.2	77.1	77.0	76.9	76.8	76.7

40%:	76.6	76.5	76.4	76.3	76.2	76.1	76.0	75.9	75.8	75.7
50%:	75.6	75.5	75.4	75.3	75.2	75.1	75.0	74.9	74.8	74.7
60%:	74.6	74.5	74.4	74.3	74.3	74.1	74.1	74.0	73.9	73.7
70%:	73.6	73.5	73.4	73.2	73.1	73.0	72.9	72.7	72.6	72.5
80%:	72.3	72.1	72.0	71.8	71.6	71.3	71.1	71.0	70.8	70.6
90%:	70.5	70.4	70.2	69.9	69.6	69.0	68.5	68.0	66.8	65.1
100%:	59.7									

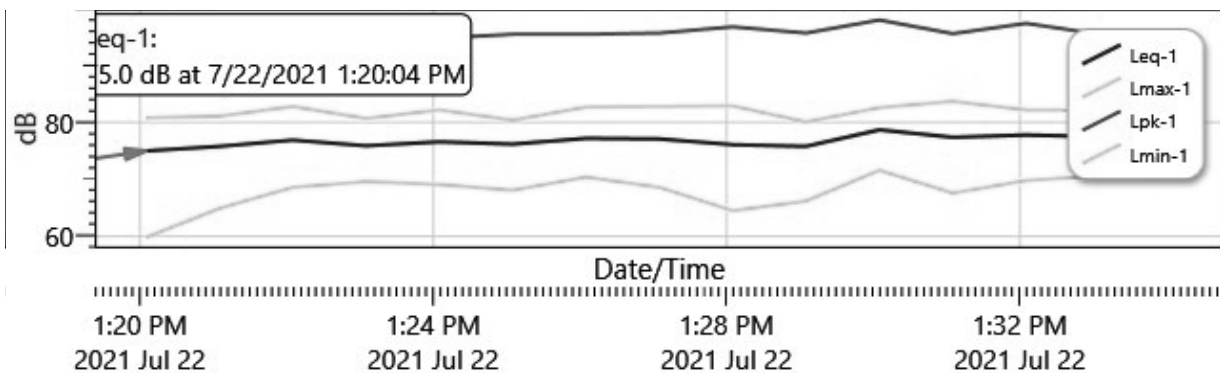
Exceedance Chart

S022_BHF080013_22072021_191846: Exceedance Chart



Logged Data Chart

S022_BHF080013_22072021_191846: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 1:20:05 PM	75	80.8	59.8	95.1
1:21:05 PM	75.8	81.1	64.9	95.5
1:22:05 PM	76.9	82.8	68.6	95.7
1:23:05 PM	75.9	80.7	69.6	93.3
1:24:05 PM	76.6	82.2	69.1	94.8
1:25:05 PM	76.2	80.4	68.1	95.5
1:26:05 PM	77.2	82.7	70.4	95.5
1:27:05 PM	77.1	82.8	68.6	95.7
1:28:05 PM	76.1	82.9	64.5	96.8
1:29:05 PM	75.8	80.1	66.2	95.7
1:30:05 PM	78.7	82.6	71.6	98
1:31:05 PM	77.4	83.7	67.6	95.6
1:32:05 PM	77.8	82.2	69.8	97.4
1:33:05 PM	77.5	82.1	70.6	95.5
1:34:05 PM	76.2	81.4	70.4	95.9

Session Report

7/23/2021

Information Panel

Name S045_BIG080015_22072021_194803
Start Time 7/22/2021 1:19:54 PM
Stop Time 7/22/2021 1:34:54 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 10' from Vinyl Wall -2-Post Construction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	62.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

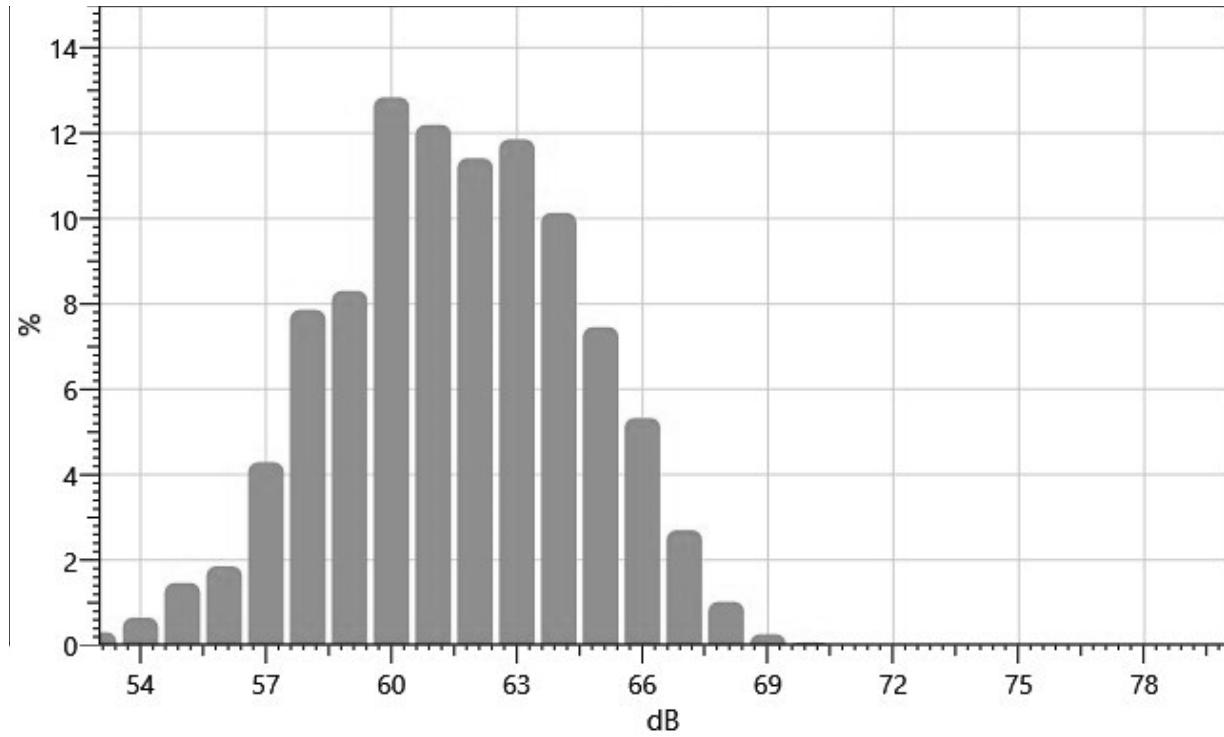
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
53:	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.15	0.06	0.04	0.31
54:	0.03	0.01	0.01	0.03	0.01	0.03	0.13	0.11	0.08	0.18	0.65
55:	0.16	0.08	0.10	0.12	0.11	0.14	0.13	0.20	0.24	0.19	1.46
56:	0.15	0.18	0.15	0.17	0.25	0.28	0.17	0.19	0.15	0.16	1.85
57:	0.23	0.41	0.30	0.44	0.43	0.49	0.45	0.44	0.45	0.65	4.29
58:	0.69	0.50	0.59	0.79	0.79	0.75	0.87	0.96	1.10	0.83	7.86
59:	0.87	0.47	0.63	0.78	0.78	0.71	0.84	1.07	1.16	1.00	8.31
60:	1.27	1.29	1.13	1.21	1.28	1.39	1.48	1.14	1.01	1.64	12.84
61:	1.27	1.57	1.25	1.13	1.13	1.18	0.99	1.17	1.29	1.23	12.20
62:	1.30	1.12	1.05	0.98	1.21	1.37	1.30	1.06	0.94	1.09	11.41
63:	1.10	1.04	0.99	1.18	1.10	1.47	1.43	1.42	1.07	1.04	11.85
64:	1.03	1.06	1.03	0.96	1.01	0.93	1.06	0.95	1.11	0.98	10.13
65:	1.08	0.82	0.81	0.82	0.67	0.70	0.65	0.66	0.62	0.62	7.46
66:	0.66	0.75	0.57	0.40	0.44	0.57	0.52	0.48	0.52	0.42	5.33

67:	0.40	0.34	0.35	0.29	0.24	0.30	0.26	0.22	0.18	0.13	2.70
68:	0.17	0.15	0.10	0.10	0.11	0.12	0.10	0.10	0.05	0.02	1.02
69:	0.02	0.03	0.03	0.05	0.04	0.03	0.03	0.01	0.01	0.01	0.26
70:	0.02	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.07

Statistics Chart

S045_BIG080015_22072021_194803: Statistics Chart

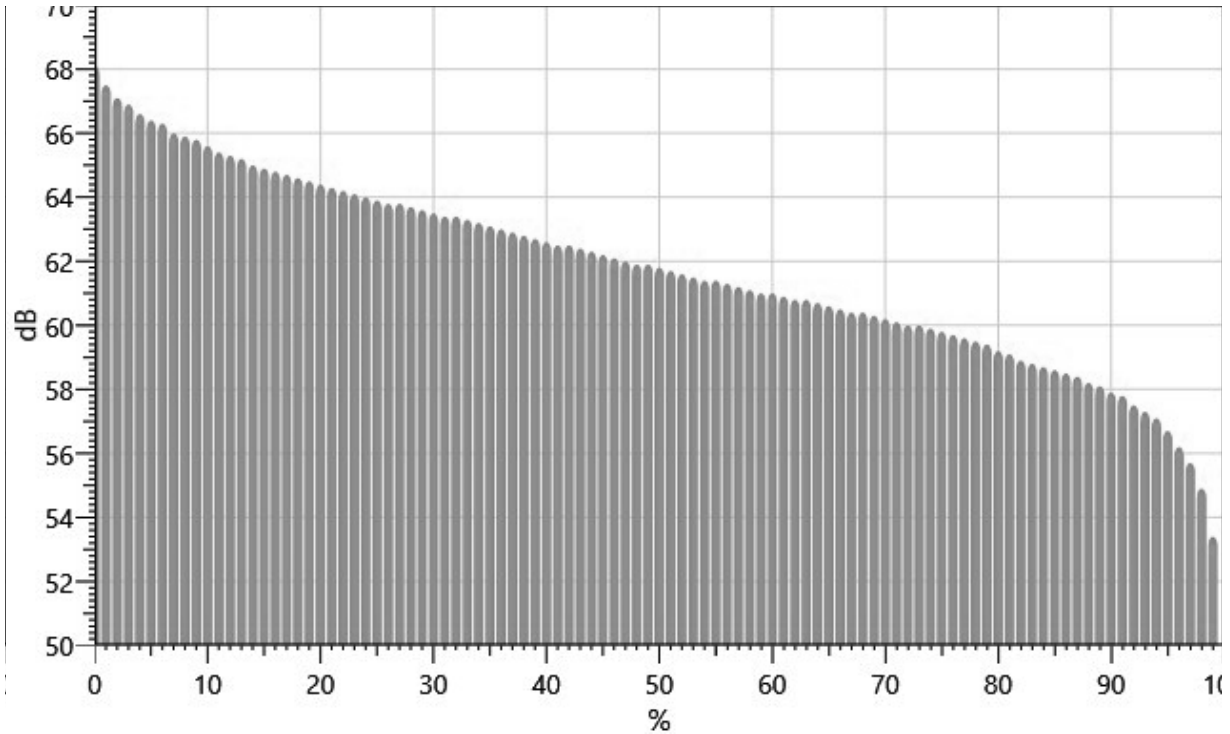


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		68.1	67.5	67.1	66.9	66.6	66.4	66.3	66.0	65.9
10%:	65.8	65.6	65.4	65.3	65.2	65.0	64.9	64.8	64.7	64.6
20%:	64.5	64.4	64.3	64.2	64.1	64.0	63.9	63.8	63.8	63.7
30%:	63.6	63.5	63.4	63.4	63.3	63.2	63.1	63.0	62.9	62.8
40%:	62.7	62.6	62.5	62.5	62.4	62.3	62.2	62.1	62.0	61.9
50%:	61.9	61.8	61.7	61.6	61.5	61.4	61.4	61.3	61.2	61.1
60%:	61.0	61.0	60.9	60.8	60.8	60.7	60.6	60.5	60.4	60.4
70%:	60.3	60.2	60.1	60.0	60.0	59.9	59.8	59.7	59.6	59.5
80%:	59.4	59.2	59.1	58.9	58.8	58.7	58.6	58.5	58.4	58.2
90%:	58.1	57.9	57.8	57.5	57.3	57.1	56.7	56.2	55.7	54.9
100%:	53.4									

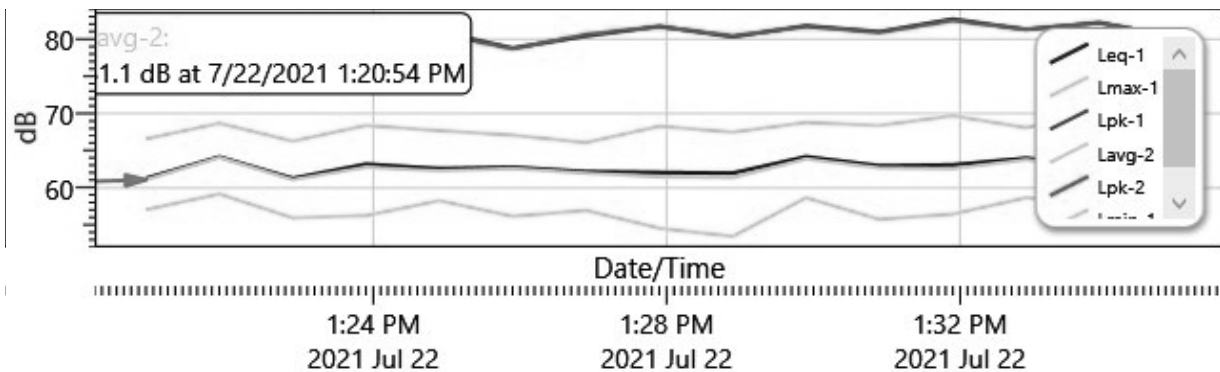
Exceedance Chart

S045_BIG080015_22072021_194803: Exceedance Chart



Logged Data Chart

S045_BIG080015_22072021_194803: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 1:20:54 PM	61.3	66.6	57.1	80.5
1:21:54 PM	64.2	68.7	59.2	81.1
1:22:54 PM	61.3	66.3	56	79.4
1:23:54 PM	63.2	68.4	56.3	81.3
1:24:54 PM	62.6	67.7	58.3	81

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:25:54 PM	62.8	67.1	56.2	78.8
1:26:54 PM	62.2	66.1	57	80.4
1:27:54 PM	62.1	68.3	54.6	81.7
1:28:54 PM	62	67.5	53.5	80.3
1:29:54 PM	64.2	68.8	58.7	81.8
1:30:54 PM	63	68.4	55.8	81
1:31:54 PM	63.1	69.7	56.5	82.7
1:32:54 PM	64	68.1	58.7	81.3
1:33:54 PM	63	70.3	57.8	82.2
1:34:54 PM	63.5	68.7	59.5	80.4

Session Report

8/2/2021

Information Panel

Name S699_BGH030008_02082021_162551
Start Time 7/22/2021 1:19:45 PM
Stop Time 7/22/2021 1:34:45 PM
Device Name BIH030011
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 3 -50' from Vinyl wall -2- Postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Exchange Rate	1	4 dB	Weighting	1	A
Response	1	FAST	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	SLOW			

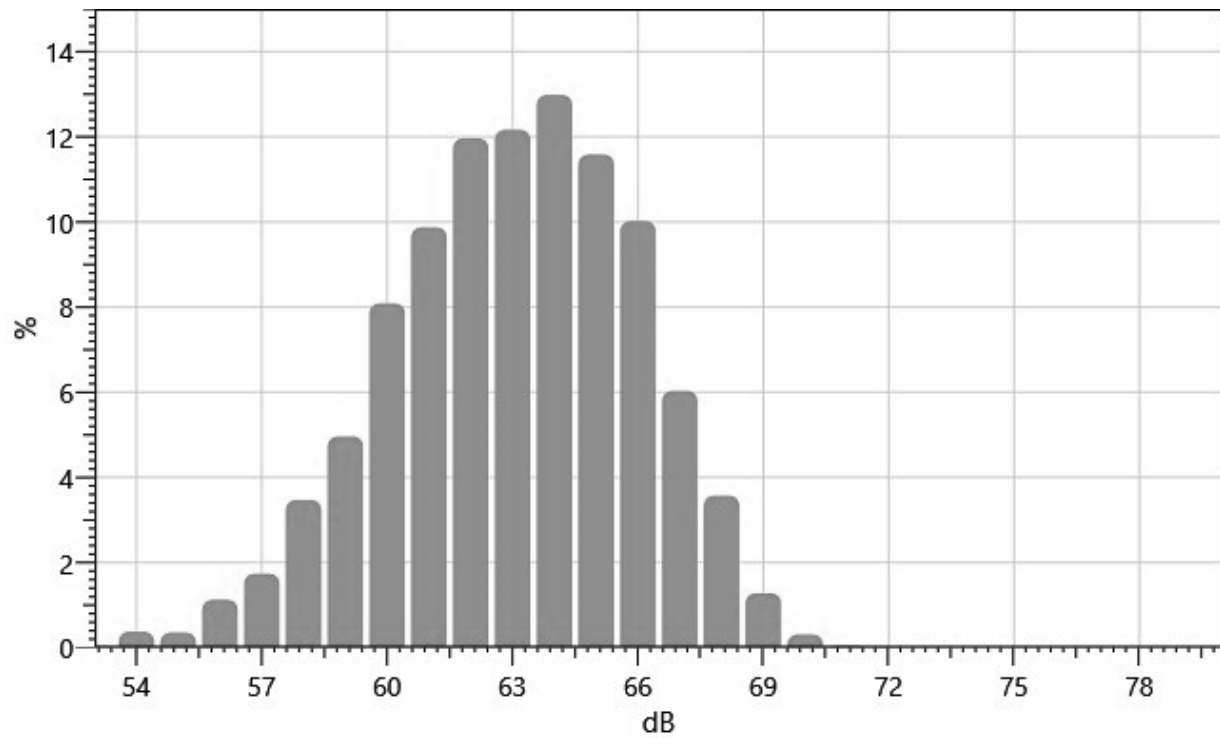
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
53:	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.04
54:	0.01	0.02	0.02	0.04	0.05	0.07	0.05	0.05	0.06	0.02	0.38
55:	0.01	0.01	0.01	0.02	0.02	0.03	0.06	0.05	0.06	0.08	0.36
56:	0.08	0.05	0.06	0.10	0.13	0.10	0.14	0.16	0.14	0.15	1.13
57:	0.15	0.16	0.14	0.14	0.13	0.15	0.18	0.19	0.22	0.27	1.74
58:	0.29	0.36	0.32	0.38	0.43	0.33	0.32	0.34	0.33	0.36	3.47
59:	0.45	0.35	0.43	0.48	0.53	0.51	0.52	0.53	0.57	0.61	4.96
60:	0.69	0.77	0.88	0.85	0.78	0.82	0.80	0.78	0.85	0.88	8.09
61:	0.83	0.76	0.77	0.80	0.95	1.04	1.03	1.10	1.24	1.34	9.87
62:	1.35	1.02	1.21	1.27	1.13	1.06	1.26	1.25	1.18	1.23	11.96
63:	1.11	1.25	1.24	1.16	1.14	1.18	1.18	1.20	1.27	1.44	12.17
64:	1.29	1.26	1.27	1.34	1.24	1.30	1.40	1.26	1.33	1.31	12.98
65:	1.22	1.07	0.97	1.18	1.14	1.20	1.21	1.24	1.23	1.12	11.59
66:	1.21	1.23	1.18	1.03	0.99	1.01	0.97	0.89	0.81	0.69	10.02
67:	0.73	0.69	0.68	0.71	0.58	0.54	0.52	0.53	0.58	0.47	6.03

68:	0.46	0.46	0.25	0.40	0.38	0.37	0.39	0.35	0.27	0.24	3.57
69:	0.23	0.19	0.18	0.13	0.14	0.10	0.07	0.11	0.09	0.05	1.28
70:	0.06	0.04	0.04	0.03	0.02	0.02	0.02	0.03	0.02	0.01	0.31
71:	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.04
72:	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02
73:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Statistics Chart

S699_BGH030008_02082021_162551: Statistics Chart



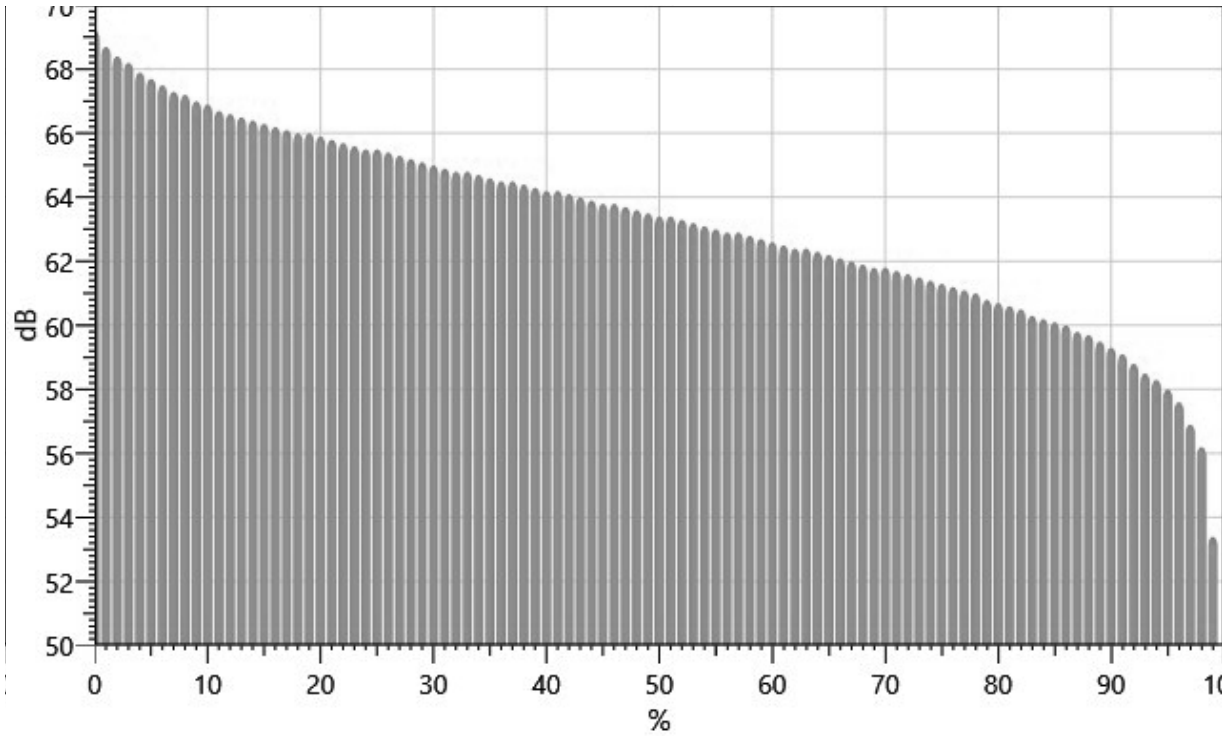
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		69.2	68.7	68.4	68.2	67.9	67.7	67.5	67.3	67.2
10%:	67.0	66.9	66.7	66.6	66.5	66.4	66.3	66.2	66.1	66.0
20%:	66.0	65.9	65.8	65.7	65.6	65.5	65.5	65.4	65.3	65.2
30%:	65.1	65.0	64.9	64.8	64.8	64.7	64.6	64.5	64.5	64.4
40%:	64.3	64.2	64.2	64.1	64.0	63.9	63.8	63.8	63.7	63.6
50%:	63.5	63.4	63.4	63.3	63.2	63.1	63.0	62.9	62.9	62.8
60%:	62.7	62.6	62.5	62.4	62.4	62.3	62.2	62.1	62.0	61.9
70%:	61.8	61.8	61.7	61.6	61.5	61.4	61.3	61.2	61.1	61.0
80%:	60.8	60.7	60.6	60.5	60.3	60.2	60.1	60.0	59.8	59.7

90%: 59.5 59.3 59.1 58.8 58.5 58.3 58.0 57.6 56.9 56.2
 100%: 53.4

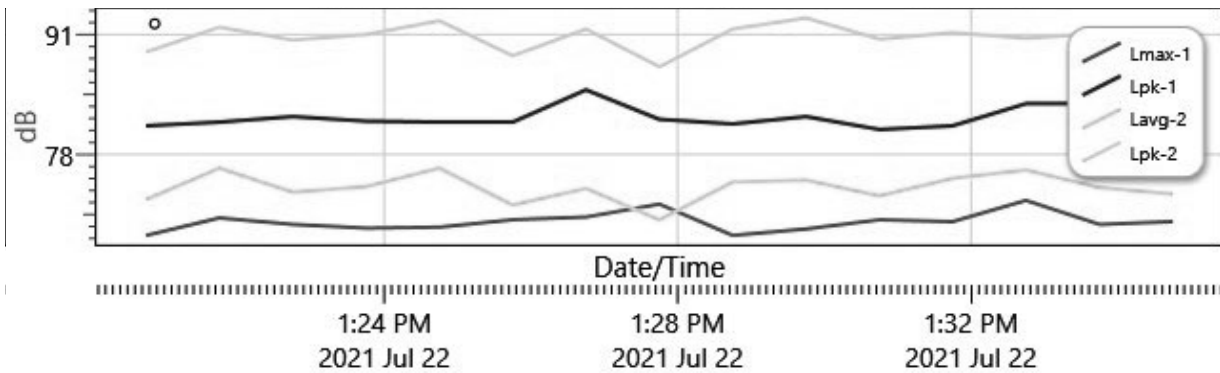
Exceedance Chart

S699_BGH030008_02082021_162551: Exceedance Chart



Logged Data Chart

S699_BGH030008_02082021_162551: Logged Data Chart



Logged Data Table

Date/Time	Lavg-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 1:20:45 PM	62.9	69.2	55.3	81.1
1:21:45 PM	65.4	71.1	59.6	81.5

Date/Time	Lavg-1	Lmax-1	Lmin-1	Lpk-1
1:22:45 PM	64.5	70.4	57.4	82.1
1:23:45 PM	63.3	70	57.7	81.6
1:24:45 PM	64.4	70.1	58.5	81.5
1:25:45 PM	63.5	70.9	57.2	81.5
1:26:45 PM	64.7	71.2	58.1	85
1:27:45 PM	61.7	72.6	53.5	81.8
1:28:45 PM	64	69.2	55.5	81.3
1:29:45 PM	64.6	69.9	59.3	82.1
1:30:45 PM	63.3	70.9	56.7	80.7
1:31:45 PM	64.5	70.7	57.8	81.1
1:32:45 PM	65.6	73	57.7	83.5
1:33:45 PM	63.8	70.4	58.2	83.5
1:34:45 PM	65.5	70.7	60	81.6

Session Report

7/23/2021

Information Panel

Name S017_BIF090003_22072021_202015
Start Time 7/22/2021 1:19:22 PM
Stop Time 7/22/2021 1:34:22 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from Vinyl wall -2- Postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	64.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	FAST			

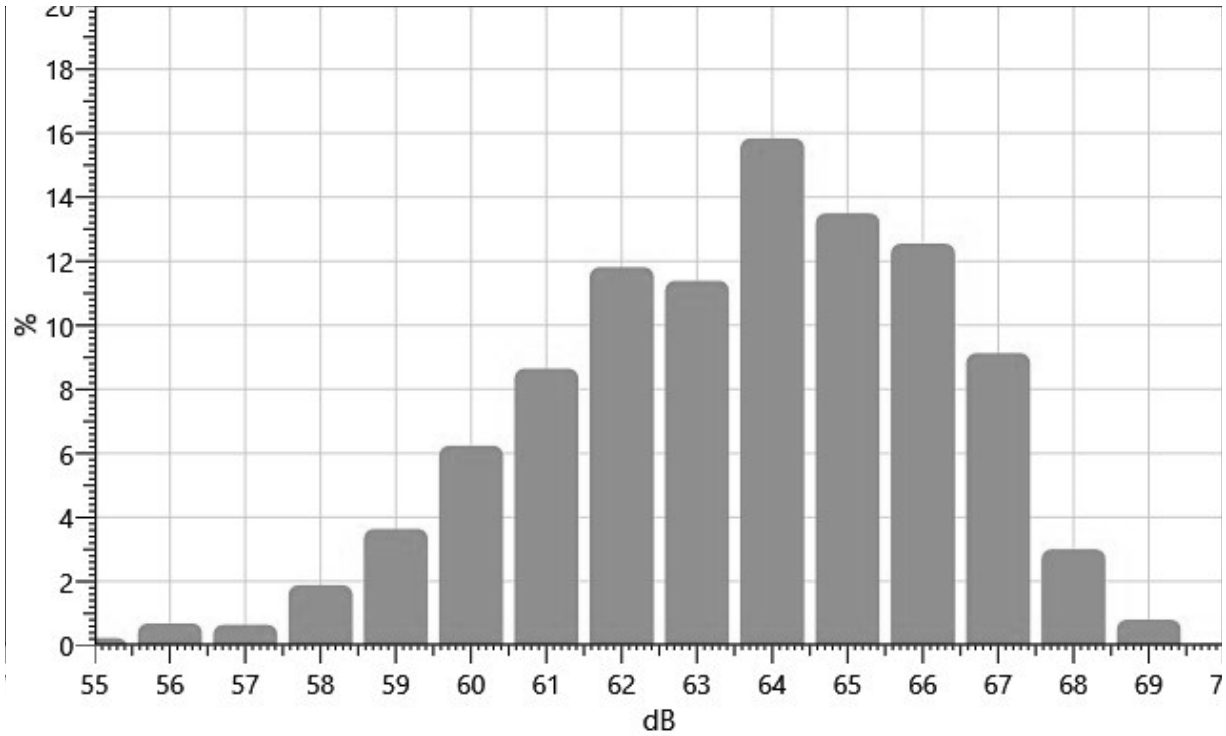
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.10	0.08	0.23
56:	0.03	0.02	0.03	0.02	0.01	0.05	0.07	0.20	0.17	0.09	0.69
57:	0.10	0.07	0.05	0.05	0.04	0.04	0.05	0.06	0.12	0.07	0.64
58:	0.06	0.26	0.27	0.17	0.17	0.11	0.15	0.15	0.25	0.28	1.88
59:	0.35	0.26	0.36	0.40	0.35	0.32	0.36	0.39	0.29	0.55	3.64
60:	0.42	0.45	0.49	0.60	0.56	0.58	0.68	0.84	0.80	0.82	6.23
61:	0.90	0.78	0.70	0.64	0.72	0.95	0.92	0.91	1.16	0.98	8.64
62:	1.09	0.96	1.03	1.18	1.40	1.44	1.29	1.10	1.17	1.16	11.81
63:	1.10	1.29	1.05	1.01	1.08	1.05	1.06	1.25	1.34	1.15	11.39
64:	1.09	1.21	1.38	1.39	1.50	1.28	1.94	1.98	2.18	1.86	15.83
65:	1.65	1.37	1.12	1.48	1.46	1.35	1.30	1.34	1.19	1.25	13.49
66:	1.40	1.61	1.47	1.39	1.48	1.11	1.18	0.98	1.06	0.87	12.55
67:	1.01	1.04	0.90	1.17	1.04	0.88	0.88	0.74	0.74	0.74	9.13
68:	0.56	0.51	0.32	0.32	0.26	0.28	0.17	0.22	0.17	0.19	3.00

69:	0.11	0.09	0.16	0.13	0.07	0.07	0.05	0.04	0.01	0.06	0.80
70:	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

Statistics Chart

S017_BIF090003_22072021_202015: Statistics Chart

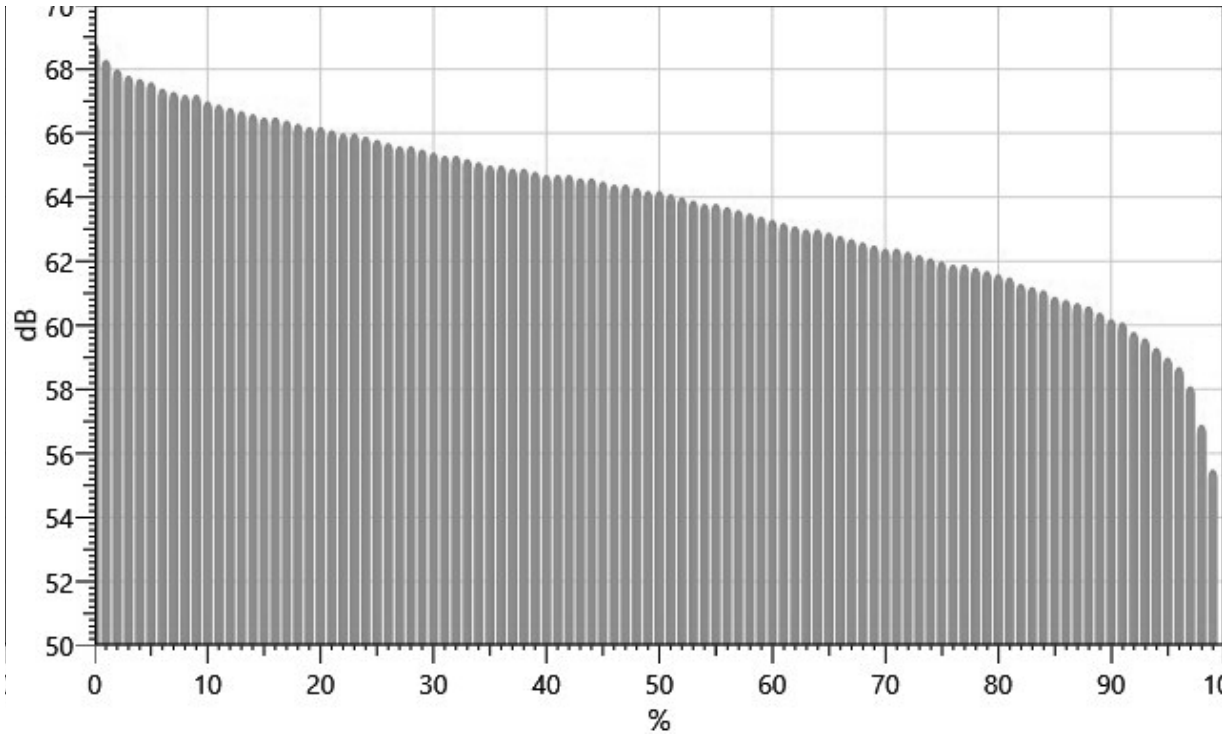


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		68.8	68.3	68.0	67.8	67.7	67.6	67.4	67.3	67.2
10%:	67.2	67.0	66.9	66.8	66.7	66.6	66.5	66.5	66.4	66.3
20%:	66.2	66.2	66.1	66.0	66.0	65.9	65.8	65.7	65.6	65.6
30%:	65.5	65.4	65.3	65.3	65.2	65.1	65.0	65.0	64.9	64.9
40%:	64.8	64.7	64.7	64.7	64.6	64.6	64.5	64.4	64.4	64.3
50%:	64.2	64.2	64.1	64.0	63.9	63.8	63.8	63.7	63.6	63.5
60%:	63.4	63.3	63.2	63.1	63.0	63.0	62.9	62.8	62.7	62.6
70%:	62.5	62.4	62.4	62.3	62.2	62.1	62.0	61.9	61.9	61.8
80%:	61.7	61.6	61.5	61.3	61.2	61.1	60.9	60.8	60.7	60.6
90%:	60.4	60.2	60.1	59.8	59.6	59.3	59.0	58.7	58.1	56.9
100%:	55.5									

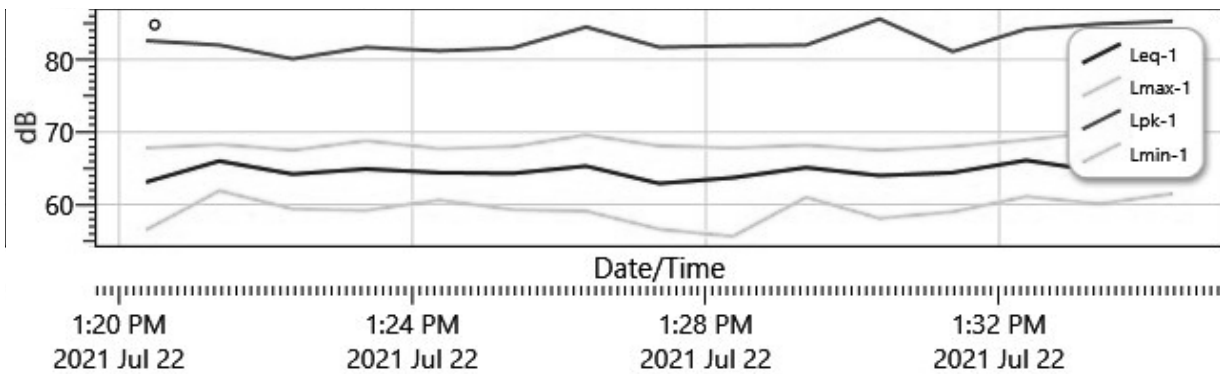
Exceedance Chart

S017_BIF090003_22072021_202015: Exceedance Chart



Logged Data Chart

S017_BIF090003_22072021_202015: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 1:20:22 PM	63.1	67.8	56.5	82.6
1:21:22 PM	66	68.3	61.9	82
1:22:22 PM	64.2	67.5	59.4	80.1
1:23:22 PM	64.9	68.8	59.2	81.7
1:24:22 PM	64.4	67.7	60.6	81.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:25:22 PM	64.3	68	59.3	81.6
1:26:22 PM	65.3	69.6	59.1	84.5
1:27:22 PM	62.9	68.1	56.6	81.7
1:28:22 PM	63.7	67.8	55.6	81.9
1:29:22 PM	65.1	68.2	61	82
1:30:22 PM	64	67.5	58.1	85.6
1:31:22 PM	64.4	68	59	81.1
1:32:22 PM	66.1	68.9	61.1	84.2
1:33:22 PM	64.6	70	60.1	84.9
1:34:22 PM	66.1	69.7	61.5	85.3

Session Report

7/23/2021

Information Panel

Name S018_BIF090005_22072021_204604
Start Time 7/22/2021 1:18:46 PM
Stop Time 7/22/2021 1:33:46 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 200' from Vinyl wall - 2 - Postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	61.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

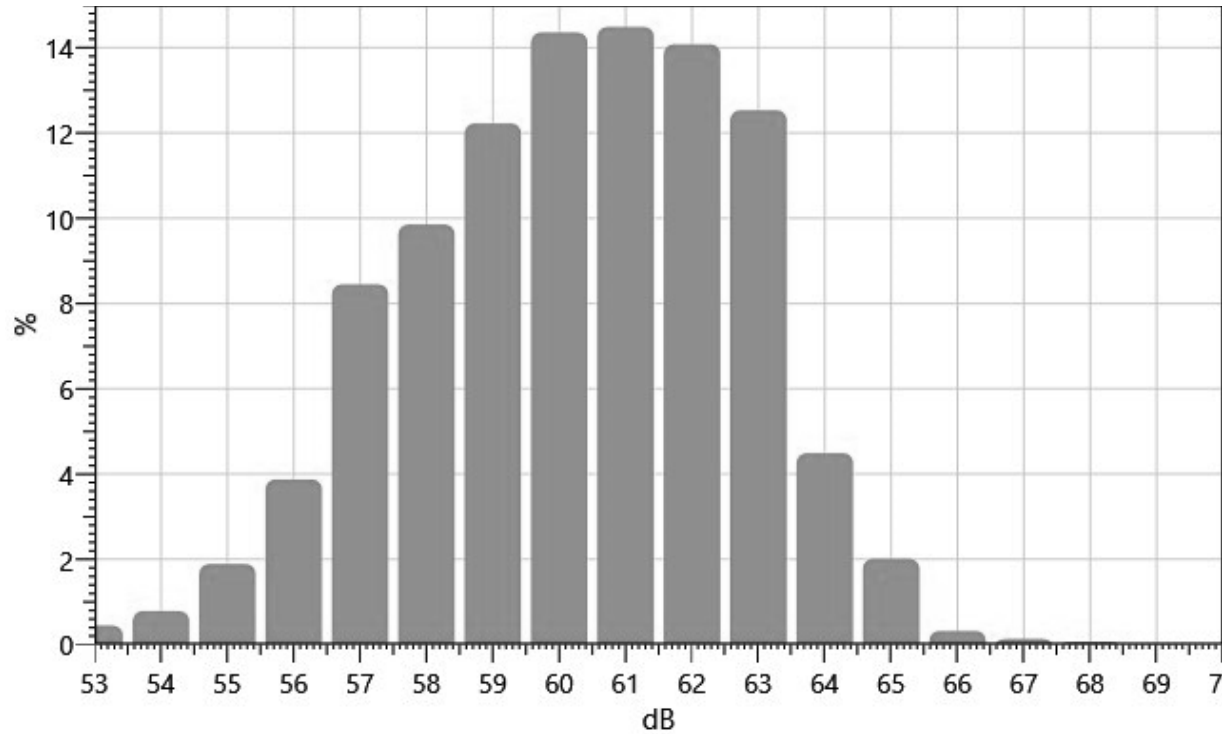
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
53:	0.00	0.01	0.03	0.09	0.03	0.03	0.03	0.04	0.07	0.13	0.44
54:	0.07	0.05	0.10	0.10	0.08	0.06	0.03	0.06	0.07	0.17	0.78
55:	0.20	0.19	0.13	0.23	0.13	0.18	0.16	0.13	0.21	0.32	1.89
56:	0.23	0.28	0.24	0.31	0.30	0.52	0.43	0.47	0.37	0.72	3.87
57:	0.76	0.80	0.68	0.81	0.89	0.78	0.77	1.03	0.83	1.10	8.45
58:	0.98	1.05	1.06	1.10	0.93	0.91	1.01	1.04	0.90	0.87	9.85
59:	1.02	1.06	0.97	1.40	1.23	1.23	1.12	1.34	1.14	1.72	12.22
60:	1.88	1.63	1.12	1.53	1.16	1.29	1.55	1.44	1.41	1.35	14.36
61:	1.48	1.46	1.26	1.42	1.35	1.67	1.22	1.38	1.61	1.63	14.49
62:	1.84	1.57	1.67	1.35	1.59	1.29	1.14	1.20	1.08	1.36	14.08
63:	1.45	1.38	1.24	1.46	1.39	1.56	1.39	1.10	0.88	0.69	12.53
64:	0.67	0.59	0.57	0.31	0.36	0.32	0.44	0.54	0.39	0.31	4.49
65:	0.23	0.13	0.20	0.22	0.17	0.20	0.28	0.33	0.14	0.10	2.01
66:	0.05	0.05	0.02	0.02	0.02	0.04	0.03	0.02	0.03	0.03	0.32

67:	0.01	0.01	0.01	0.02	0.02	0.04	0.01	0.00	0.01	0.01	0.13
68:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
69:	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02

Statistics Chart

S018_BIF090005_22072021_204604: Statistics Chart

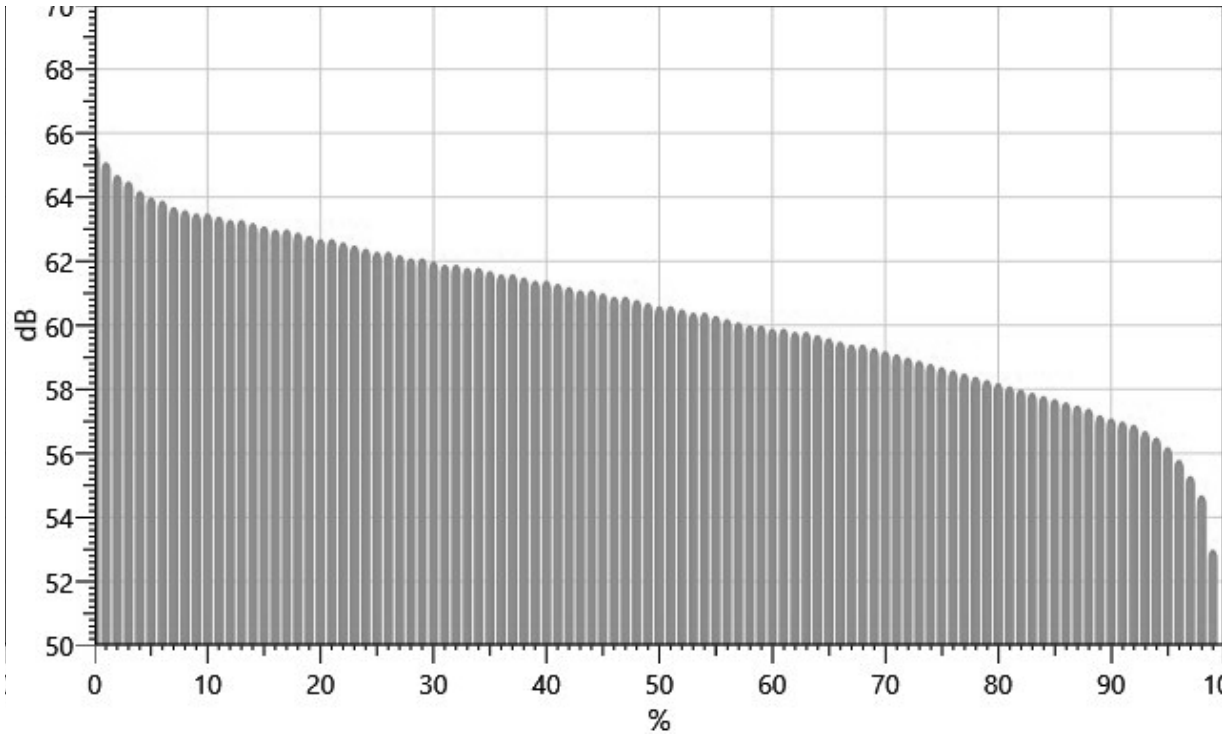


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		65.6	65.1	64.7	64.5	64.2	64.0	63.9	63.7	63.6
10%:	63.5	63.5	63.4	63.3	63.3	63.2	63.1	63.0	63.0	62.9
20%:	62.8	62.7	62.7	62.6	62.5	62.4	62.3	62.3	62.2	62.1
30%:	62.1	62.0	61.9	61.9	61.8	61.8	61.7	61.6	61.6	61.5
40%:	61.4	61.4	61.3	61.2	61.1	61.1	61.0	60.9	60.9	60.8
50%:	60.7	60.6	60.6	60.5	60.4	60.4	60.3	60.2	60.1	60.0
60%:	60.0	59.9	59.9	59.8	59.8	59.7	59.6	59.5	59.4	59.4
70%:	59.3	59.2	59.1	59.0	58.9	58.8	58.7	58.6	58.5	58.4
80%:	58.3	58.2	58.1	58.0	57.9	57.8	57.7	57.6	57.5	57.4
90%:	57.2	57.1	57.0	56.9	56.7	56.5	56.2	55.8	55.3	54.7
100%:	53.0									

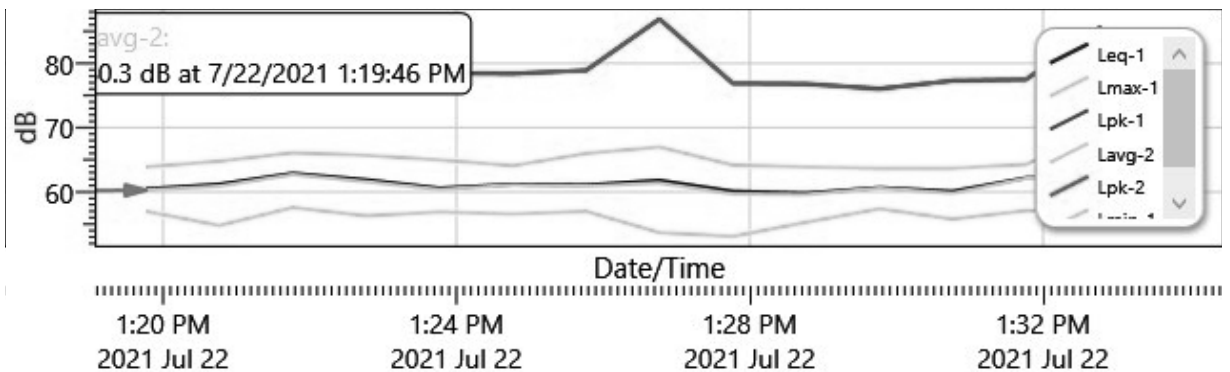
Exceedance Chart

S018_BIF090005_22072021_204604: Exceedance Chart



Logged Data Chart

S018_BIF090005_22072021_204604: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 1:19:46 PM	60.5	63.9	57	79.9
1:20:46 PM	61.2	64.8	54.8	78.3
1:21:46 PM	62.9	66.1	57.6	79.8
1:22:46 PM	61.9	65.7	56.3	78.3
1:23:46 PM	60.6	65	56.9	78.5

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:24:46 PM	61.2	64.1	56.6	78.4
1:25:46 PM	61.1	66	57	78.9
1:26:46 PM	61.8	67	53.7	86.9
1:27:46 PM	60.1	64.2	53.1	76.9
1:28:46 PM	59.8	63.9	55.3	76.8
1:29:46 PM	60.7	63.7	57.4	76.1
1:30:46 PM	60.1	63.7	55.8	77.3
1:31:46 PM	62.2	64.3	57.1	77.5
1:32:46 PM	62.3	69.2	57.3	85.6
1:33:46 PM	61.9	65.9	57.5	78.9

Session Report

7/22/2021

Information Panel

Name S023_BHF080013_22072021_191847
Start Time 7/22/2021 2:00:07 PM
Stop Time 7/22/2021 2:15:07 PM
Device Name BHF080013
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 1 - Top of Existing wall - 2 -Post Construction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	81.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	C
Response	2	FAST			

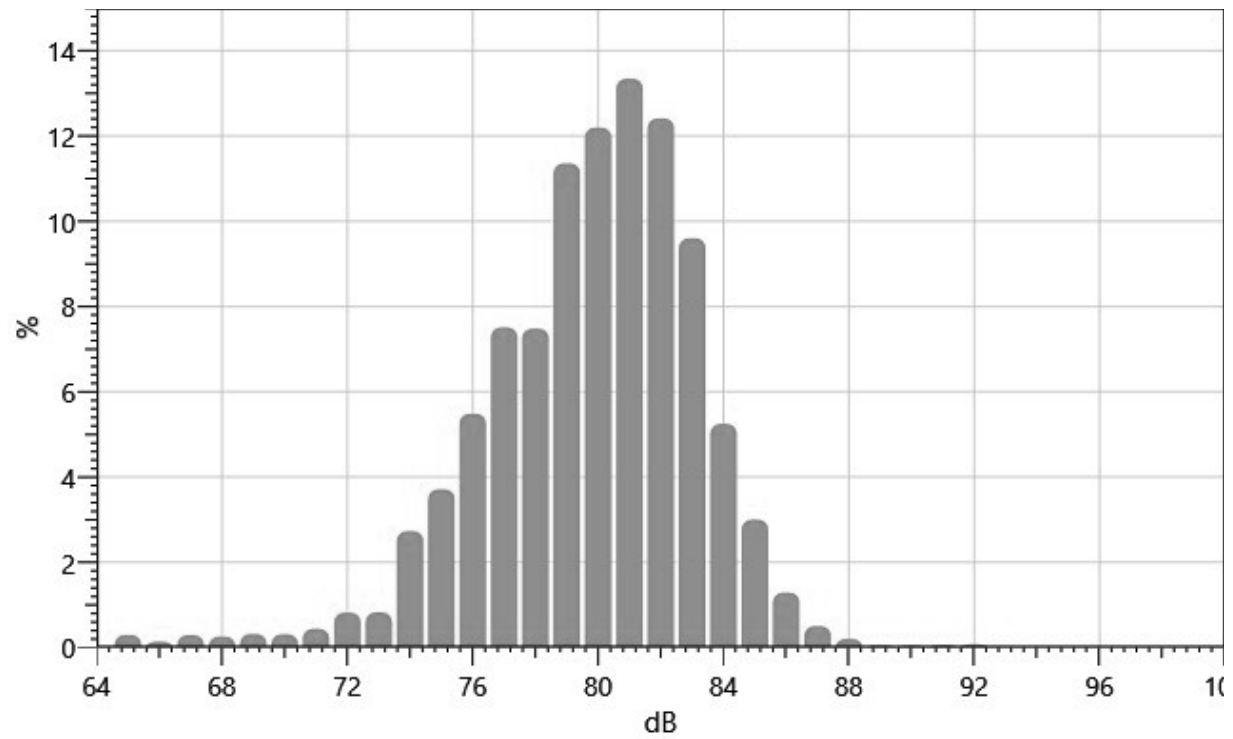
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
64:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
65:	0.02	0.04	0.08	0.05	0.02	0.02	0.02	0.02	0.01	0.01	0.30
66:	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.14
67:	0.07	0.03	0.02	0.02	0.03	0.03	0.03	0.03	0.01	0.01	0.29
68:	0.03	0.02	0.02	0.02	0.04	0.05	0.03	0.03	0.02	0.01	0.26
69:	0.01	0.02	0.03	0.08	0.06	0.03	0.02	0.02	0.02	0.02	0.32
70:	0.02	0.02	0.02	0.02	0.04	0.05	0.04	0.04	0.05	0.03	0.31
71:	0.03	0.06	0.04	0.02	0.07	0.04	0.05	0.04	0.04	0.05	0.44
72:	0.11	0.09	0.07	0.05	0.11	0.11	0.08	0.05	0.07	0.07	0.82
73:	0.06	0.13	0.09	0.07	0.07	0.06	0.07	0.08	0.09	0.11	0.82
74:	0.09	0.08	0.29	0.31	0.28	0.39	0.34	0.29	0.31	0.34	2.73
75:	0.35	0.38	0.38	0.39	0.32	0.34	0.45	0.39	0.37	0.33	3.71
76:	0.36	0.40	0.47	0.56	0.52	0.52	0.66	0.60	0.77	0.63	5.48
77:	0.71	0.66	0.64	0.47	0.64	0.78	1.07	0.91	0.83	0.80	7.51

78:	0.70	0.85	0.74	0.79	0.78	0.74	0.64	0.78	0.69	0.77	7.48
79:	0.82	0.98	1.27	1.19	1.02	1.06	1.13	1.12	1.33	1.43	11.36
80:	1.33	1.28	1.25	1.03	1.19	1.22	1.27	1.16	1.22	1.26	12.20
81:	1.38	1.38	1.54	1.47	1.14	1.09	1.23	1.25	1.52	1.35	13.34
82:	1.26	1.09	1.13	1.12	1.27	1.24	1.25	1.45	1.26	1.36	12.41
83:	1.22	1.10	1.03	0.87	0.76	0.98	0.94	0.91	0.88	0.91	9.60
84:	0.69	0.59	0.55	0.51	0.54	0.53	0.43	0.46	0.45	0.49	5.24
85:	0.49	0.40	0.39	0.45	0.32	0.30	0.16	0.15	0.17	0.16	3.00
86:	0.22	0.13	0.19	0.15	0.11	0.14	0.08	0.14	0.05	0.06	1.29
87:	0.08	0.06	0.06	0.05	0.07	0.05	0.05	0.03	0.04	0.04	0.50
88:	0.05	0.01	0.02	0.03	0.05	0.02	0.01	0.01	0.01	0.01	0.20
89:	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.05
90:	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.05
91:	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.06
92:	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.02	0.08

Statistics Chart

S023_BHF080013_22072021_191847: Statistics Chart



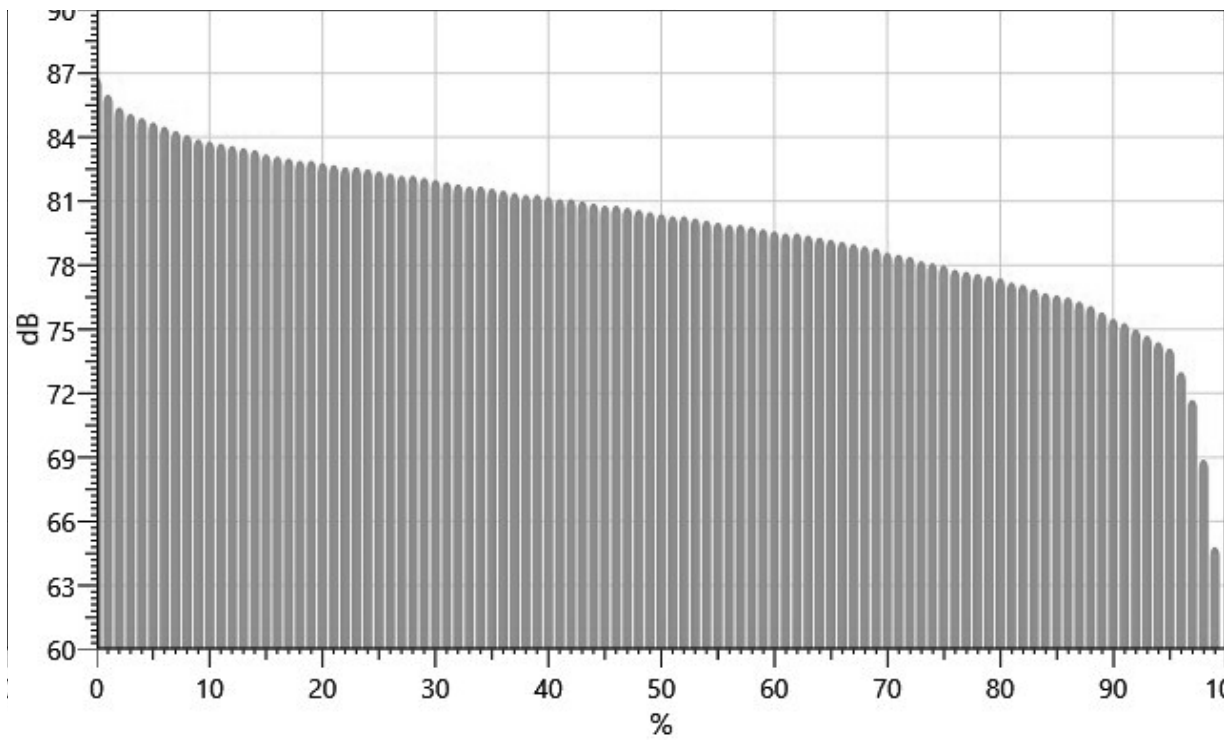
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
---	----	----	----	----	----	----	----	----	----	----

0%:	86.8	86.0	85.4	85.1	84.9	84.7	84.5	84.3	84.1
10%:	83.9	83.8	83.7	83.6	83.5	83.4	83.2	83.1	82.9
20%:	82.9	82.8	82.7	82.6	82.6	82.5	82.4	82.3	82.2
30%:	82.1	82.0	81.9	81.8	81.7	81.7	81.6	81.5	81.4
40%:	81.3	81.2	81.1	81.1	81.0	80.9	80.8	80.8	80.7
50%:	80.5	80.4	80.3	80.3	80.2	80.1	80.0	79.9	79.9
60%:	79.7	79.6	79.5	79.5	79.4	79.3	79.2	79.1	79.0
70%:	78.8	78.6	78.5	78.4	78.2	78.1	78.0	77.8	77.7
80%:	77.5	77.4	77.2	77.1	76.9	76.7	76.6	76.5	76.3
90%:	75.8	75.5	75.3	75.0	74.7	74.4	74.1	73.0	71.7
100%:	64.8								

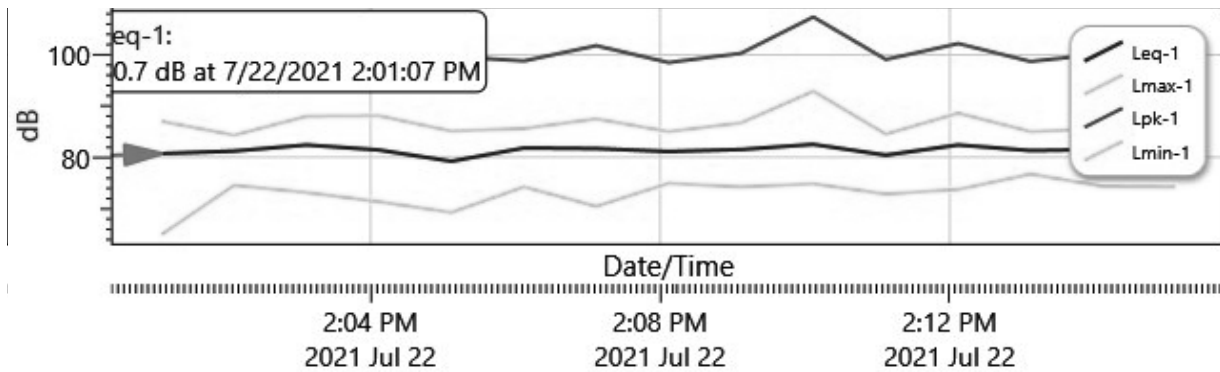
Exceedance Chart

S023_BHF080013_22072021_191847: Exceedance Chart



Logged Data Chart

S023_BHF080013_22072021_191847: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 2:01:07 PM	80.7	87	64.9	106.6
2:02:07 PM	81.2	84.3	74.5	97.5
2:03:07 PM	82.4	88	73.1	102.9
2:04:07 PM	81.4	88.1	71.3	100.4
2:05:07 PM	79.2	85.1	69.2	99.7
2:06:07 PM	81.8	85.6	74.2	98.8
2:07:07 PM	81.7	87.5	70.4	101.8
2:08:07 PM	81.1	85	74.9	98.5
2:09:07 PM	81.5	86.7	74.2	100.3
2:10:07 PM	82.5	92.9	74.8	107.4
2:11:07 PM	80.4	84.5	72.8	99.1
2:12:07 PM	82.4	88.6	73.7	102.2
2:13:07 PM	81.3	85	76.7	98.7
2:14:07 PM	81.5	85.6	74.3	100.2
2:15:07 PM	80.6	84.8	74.2	98.2

Session Report

7/23/2021

Information Panel

Name S046_BIG080015_22072021_194804
Start Time 7/22/2021 2:01:04 PM
Stop Time 7/22/2021 2:16:04 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 2 - 10' from Existing Wall - 2 -Postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	62.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

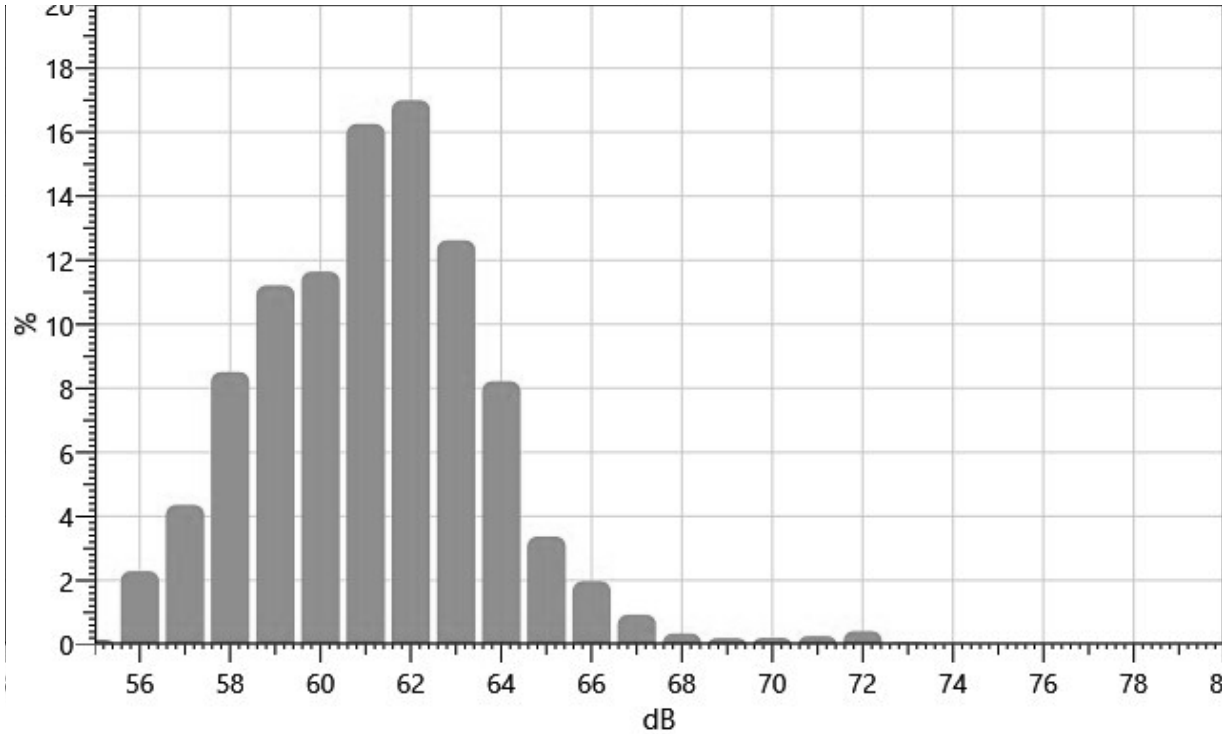
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.04	0.15
56:	0.21	0.15	0.12	0.08	0.18	0.23	0.15	0.32	0.39	0.48	2.29
57:	0.53	0.45	0.35	0.37	0.48	0.54	0.39	0.39	0.34	0.52	4.35
58:	0.46	0.64	0.59	0.83	0.84	0.88	0.91	1.03	1.08	1.24	8.51
59:	1.34	0.84	1.06	1.13	1.25	1.44	1.19	1.11	0.91	0.94	11.21
60:	0.97	0.88	0.86	0.97	1.35	1.24	1.31	1.28	1.30	1.48	11.65
61:	1.44	1.70	1.42	1.50	1.62	1.70	1.79	1.64	1.78	1.67	16.26
62:	1.97	1.59	1.72	1.78	1.85	1.91	1.83	1.67	1.38	1.31	17.00
63:	1.67	1.43	1.34	1.38	1.26	1.13	1.06	1.07	1.03	1.26	12.62
64:	1.02	0.87	0.82	0.80	0.94	0.90	0.81	0.64	0.78	0.64	8.22
65:	0.59	0.40	0.32	0.30	0.27	0.25	0.23	0.33	0.39	0.30	3.37
66:	0.28	0.28	0.24	0.23	0.16	0.18	0.18	0.22	0.11	0.10	1.97
67:	0.09	0.11	0.14	0.09	0.13	0.09	0.07	0.08	0.07	0.05	0.93
68:	0.05	0.06	0.04	0.04	0.03	0.02	0.02	0.02	0.04	0.02	0.34

69:	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.20
70:	0.02	0.03	0.02	0.02	0.03	0.01	0.02	0.02	0.02	0.02	0.21
71:	0.02	0.02	0.03	0.03	0.01	0.02	0.03	0.04	0.03	0.03	0.26
72:	0.02	0.02	0.03	0.03	0.02	0.07	0.06	0.10	0.02	0.03	0.41
73:	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S046_BIG080015_22072021_194804: Statistics Chart

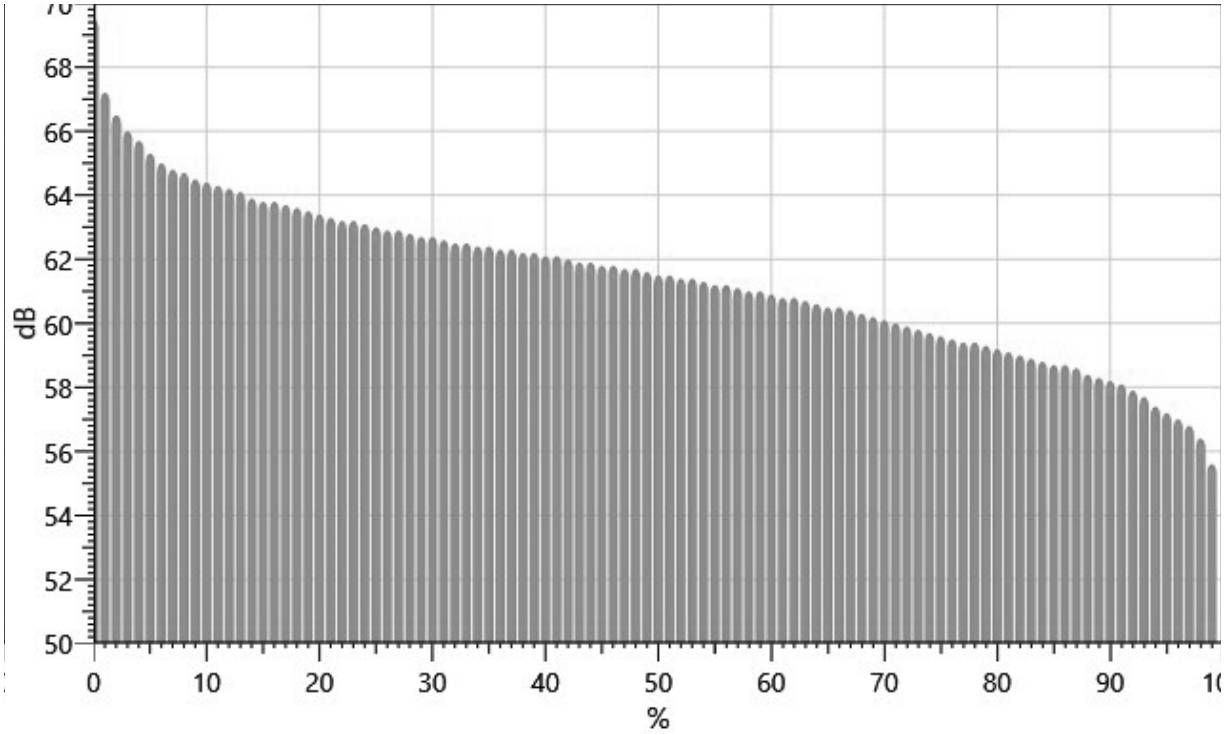


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		69.5	67.2	66.5	66.0	65.7	65.3	65.0	64.8	64.7
10%:	64.5	64.4	64.3	64.2	64.1	63.9	63.8	63.8	63.7	63.6
20%:	63.5	63.4	63.3	63.2	63.2	63.1	63.0	62.9	62.9	62.8
30%:	62.7	62.7	62.6	62.5	62.5	62.4	62.4	62.3	62.3	62.2
40%:	62.2	62.1	62.1	62.0	61.9	61.9	61.8	61.8	61.7	61.7
50%:	61.6	61.5	61.5	61.4	61.4	61.3	61.2	61.2	61.1	61.0
60%:	61.0	60.9	60.8	60.8	60.7	60.6	60.5	60.5	60.4	60.3
70%:	60.2	60.1	60.0	59.9	59.8	59.7	59.6	59.5	59.4	59.4
80%:	59.3	59.2	59.1	59.0	58.9	58.8	58.7	58.7	58.6	58.4
90%:	58.3	58.2	58.1	57.9	57.7	57.4	57.2	57.0	56.8	56.4

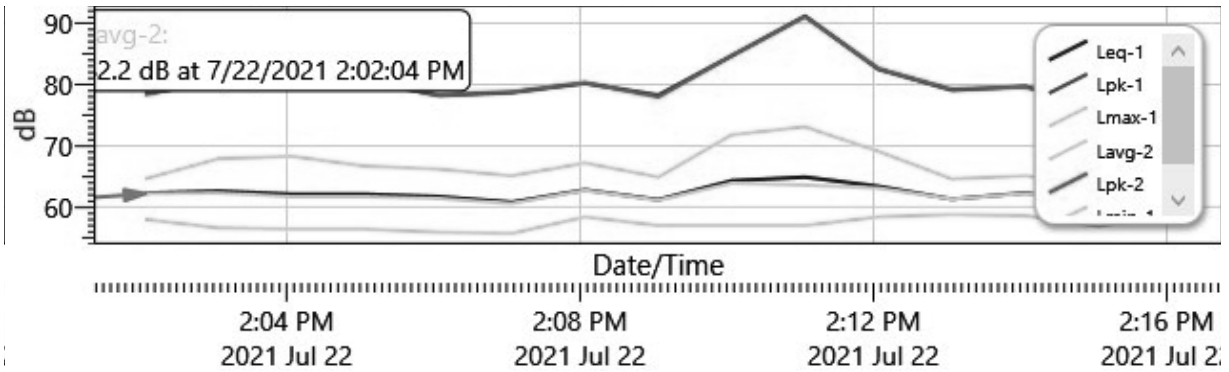
Exceedance Chart

S046_BIG080015_22072021_194804: Exceedance Chart



Logged Data Chart

S046_BIG080015_22072021_194804: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 2:02:04 PM	62.3	64.6	58	78.5
2:03:04 PM	62.6	67.9	56.6	80.6
2:04:04 PM	62.1	68.3	56.4	80.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:05:04 PM	62.1	66.7	56.4	80.7
2:06:04 PM	61.7	66.2	55.9	78.2
2:07:04 PM	60.8	65.1	55.7	78.7
2:08:04 PM	62.8	67.2	58.4	80.2
2:09:04 PM	61.2	64.9	57	78.3
2:10:04 PM	64.3	71.8	57	84.7
2:11:04 PM	64.9	73.1	57	91.2
2:12:04 PM	63.4	69.1	58.4	82.5
2:13:04 PM	61.3	64.6	58.8	79.1
2:14:04 PM	62.3	65.1	58.6	79.7
2:15:04 PM	60.5	63.9	56.9	76.8
2:16:04 PM	63.3	67.6	58.8	79.4

Session Report

8/2/2021

Information Panel

Name S700_BGH030008_02082021_162552
 Start Time 7/22/2021 2:00:54 PM
 Stop Time 7/22/2021 2:15:54 PM
 Device Name BIH030011
 Model Type SoundPro DL
 Device Firmware Rev R.13H
 Comments Meter 3 50' from Existing wall - 2 - Postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Exchange Rate	1	4 dB	Weighting	1	A
Response	1	FAST	Bandwidth	1	OFF
Exchange Rate	2	4 dB	Weighting	2	C
Response	2	SLOW			

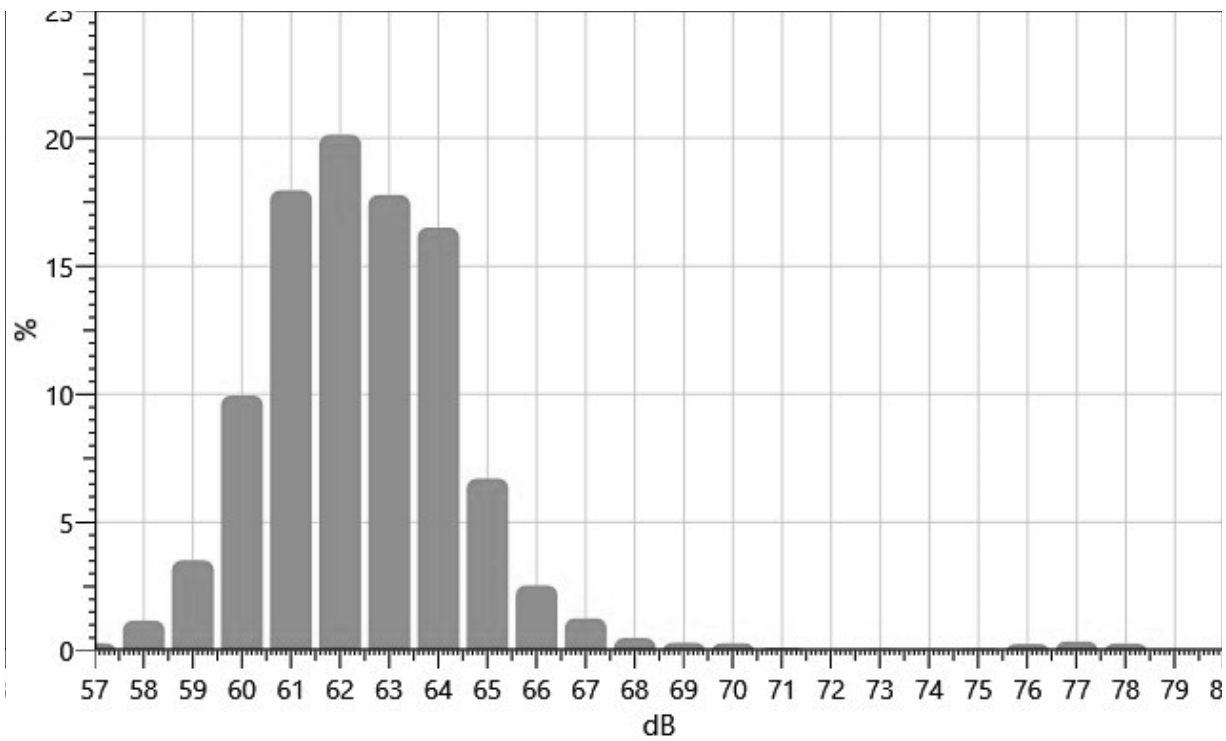
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.00	0.00	0.01	0.02	0.03	0.03	0.03	0.06	0.09	0.27
58:	0.08	0.07	0.06	0.07	0.11	0.14	0.16	0.15	0.16	0.16	1.16
59:	0.16	0.11	0.19	0.24	0.33	0.34	0.39	0.48	0.59	0.68	3.52
60:	0.75	0.77	0.93	0.93	0.93	0.90	1.00	1.10	1.20	1.44	9.95
61:	1.42	1.56	1.47	1.72	1.68	1.78	2.00	2.07	2.12	2.16	17.96
62:	2.20	1.58	1.74	1.91	1.90	1.98	1.98	2.24	2.30	2.30	20.13
63:	2.23	1.95	1.85	1.77	1.55	1.67	1.66	1.67	1.73	1.70	17.78
64:	1.81	1.80	1.74	1.86	1.85	1.67	1.65	1.56	1.32	1.25	16.51
65:	1.12	0.91	0.67	0.69	0.73	0.66	0.57	0.47	0.48	0.41	6.70
66:	0.32	0.29	0.33	0.26	0.26	0.24	0.27	0.20	0.20	0.17	2.53
67:	0.18	0.15	0.11	0.10	0.11	0.15	0.13	0.10	0.11	0.11	1.25
68:	0.09	0.07	0.04	0.06	0.05	0.05	0.03	0.03	0.02	0.04	0.48
69:	0.04	0.05	0.04	0.03	0.04	0.03	0.03	0.02	0.01	0.01	0.30
70:	0.03	0.04	0.04	0.03	0.03	0.02	0.03	0.03	0.02	0.01	0.28
71:	0.01	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.01	0.01	0.10

72:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02
73:	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.05
74:	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.04
75:	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.02	0.06
76:	0.01	0.02	0.01	0.02	0.01	0.02	0.03	0.03	0.05	0.05	0.25
77:	0.03	0.04	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.04	0.35
78:	0.04	0.04	0.03	0.05	0.03	0.02	0.03	0.01	0.01	0.01	0.26
79:	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

Statistics Chart

S700_BGH030008_02082021_162552: Statistics Chart



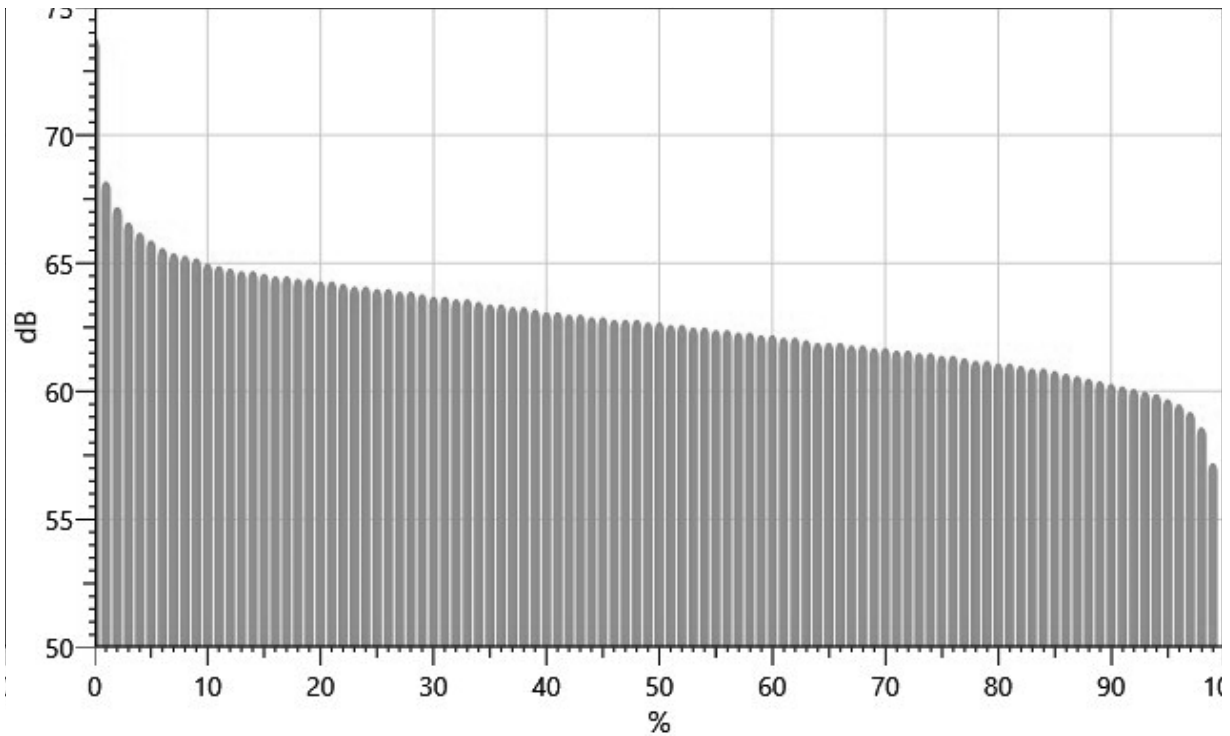
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		73.8	68.2	67.2	66.6	66.2	65.9	65.6	65.4	65.3
10%:	65.2	65.0	64.9	64.8	64.7	64.7	64.6	64.5	64.5	64.4
20%:	64.4	64.3	64.3	64.2	64.1	64.1	64.0	64.0	63.9	63.9
30%:	63.8	63.7	63.7	63.6	63.6	63.5	63.4	63.4	63.3	63.3
40%:	63.2	63.1	63.1	63.0	63.0	62.9	62.9	62.8	62.8	62.8
50%:	62.7	62.7	62.6	62.6	62.5	62.5	62.4	62.4	62.3	62.3
60%:	62.2	62.2	62.1	62.1	62.0	61.9	61.9	61.9	61.8	61.8

70%:	61.7	61.7	61.6	61.6	61.5	61.5	61.4	61.4	61.3	61.2
80%:	61.2	61.1	61.1	61.0	60.9	60.9	60.8	60.7	60.6	60.5
90%:	60.4	60.3	60.2	60.1	60.0	59.9	59.7	59.5	59.2	58.6
100%:	57.2									

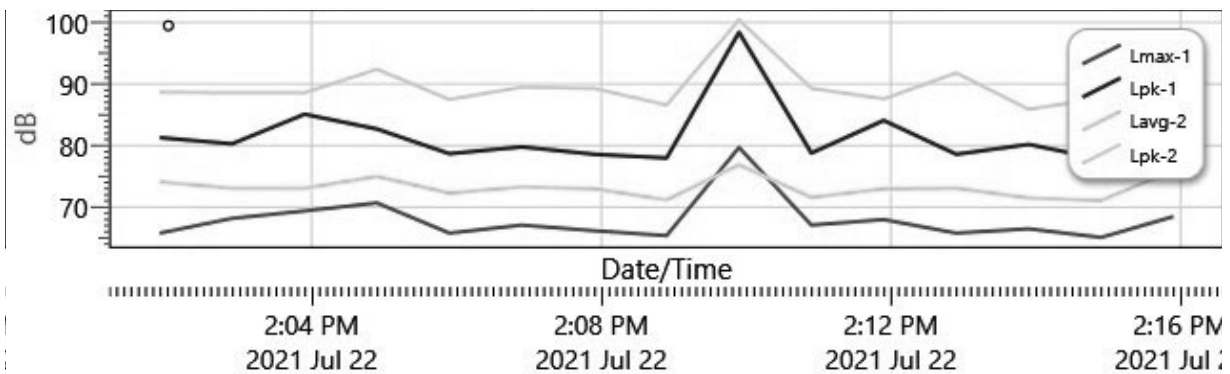
Exceedance Chart

S700_BGH030008_02082021_162552: Exceedance Chart



Logged Data Chart

S700_BGH030008_02082021_162552: Logged Data Chart



Logged Data Table

Date/Time	Lavg-1	Lmax-1	Lmin-1	Lpk-1
-----------	--------	--------	--------	-------

Date/Time	Lavg-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 2:01:54 PM	62.4	65.8	58.2	81.3
2:02:54 PM	63	68.2	57.3	80.3
2:03:54 PM	62.9	69.4	58.6	85.1
2:04:54 PM	63.3	70.7	57.4	82.7
2:05:54 PM	62.8	65.8	59.7	78.7
2:06:54 PM	63.3	67.1	59.5	79.8
2:07:54 PM	62.7	66.2	59.3	78.6
2:08:54 PM	62.6	65.4	59.9	78
2:09:54 PM	69.9	79.7	61.2	98.4
2:10:54 PM	62.4	67.1	59.2	78.8
2:11:54 PM	63.7	68	59	84.1
2:12:54 PM	63.1	65.8	59.5	78.6
2:13:54 PM	63.3	66.5	60.3	80.2
2:14:54 PM	62.6	65.1	59.7	77.8
2:15:54 PM	63.9	68.5	60.6	79.9

Session Report

7/23/2021

Information Panel

Name S018_BIF090003_22072021_202016
Start Time 7/22/2021 2:00:57 PM
Stop Time 7/22/2021 2:15:57 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from Existing wall -2- Postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	FAST			

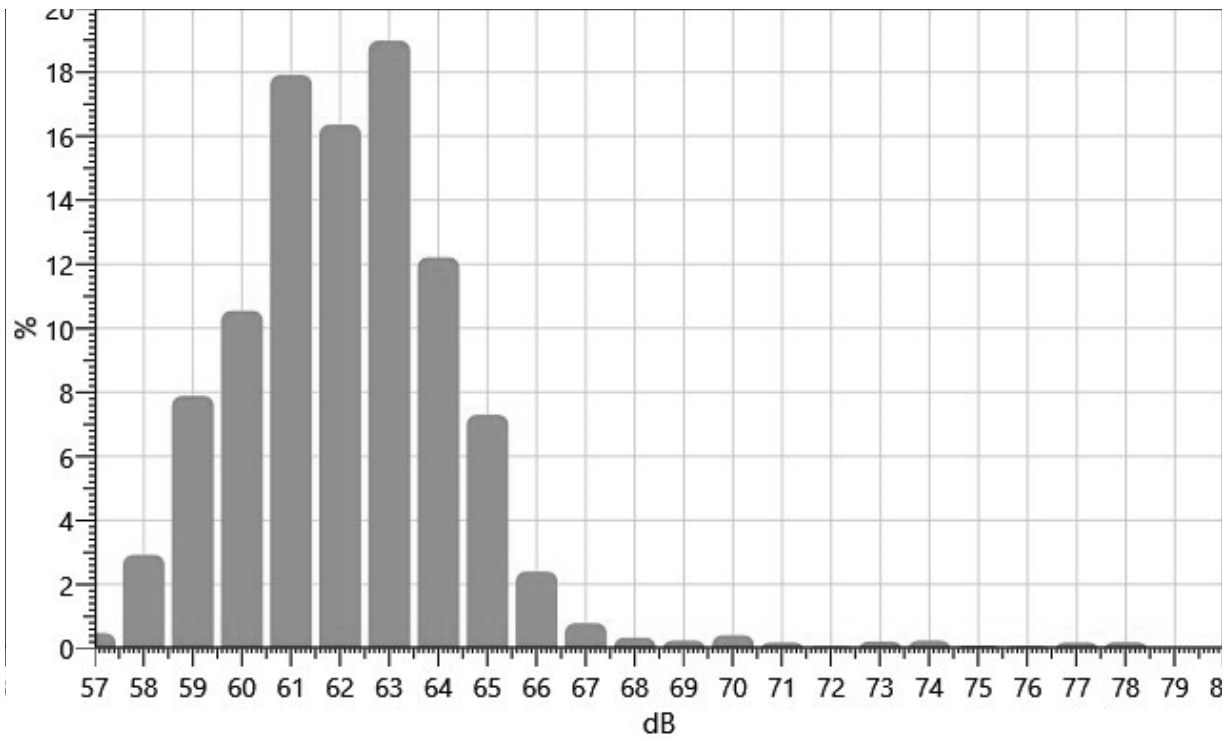
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.00	0.00	0.10	0.10	0.03	0.06	0.03	0.09	0.07	0.47
58:	0.13	0.27	0.15	0.24	0.49	0.33	0.33	0.26	0.32	0.41	2.92
59:	0.56	0.40	0.70	0.83	1.07	0.79	0.79	0.75	0.85	1.15	7.89
60:	1.14	0.98	0.95	0.81	1.05	0.84	1.15	1.15	1.15	1.33	10.55
61:	1.28	1.64	1.89	1.74	1.69	1.93	2.07	2.25	1.78	1.63	17.91
62:	1.95	1.76	1.76	2.03	1.44	1.88	1.68	1.22	1.31	1.34	16.36
63:	1.66	1.73	1.68	1.86	1.81	1.95	1.69	1.90	2.16	2.53	18.98
64:	2.07	1.32	1.48	1.12	1.18	1.19	1.03	1.13	0.94	0.74	12.21
65:	1.13	0.78	0.68	0.82	0.70	0.85	0.76	0.59	0.45	0.54	7.29
66:	0.45	0.37	0.24	0.19	0.23	0.23	0.19	0.16	0.18	0.16	2.40
67:	0.13	0.12	0.14	0.12	0.06	0.05	0.06	0.05	0.03	0.03	0.78
68:	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.34
69:	0.05	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.25
70:	0.03	0.02	0.03	0.03	0.05	0.06	0.10	0.05	0.02	0.03	0.41

71:	0.03	0.04	0.02	0.02	0.01	0.02	0.02	0.01	0.01	0.01	0.19
72:	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
73:	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.04	0.03	0.05	0.22
74:	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.24
75:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
76:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
77:	0.01	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.19
78:	0.03	0.05	0.02	0.04	0.06	0.00	0.00	0.00	0.00	0.00	0.19

Statistics Chart

S018_BIF090003_22072021_202016: Statistics Chart



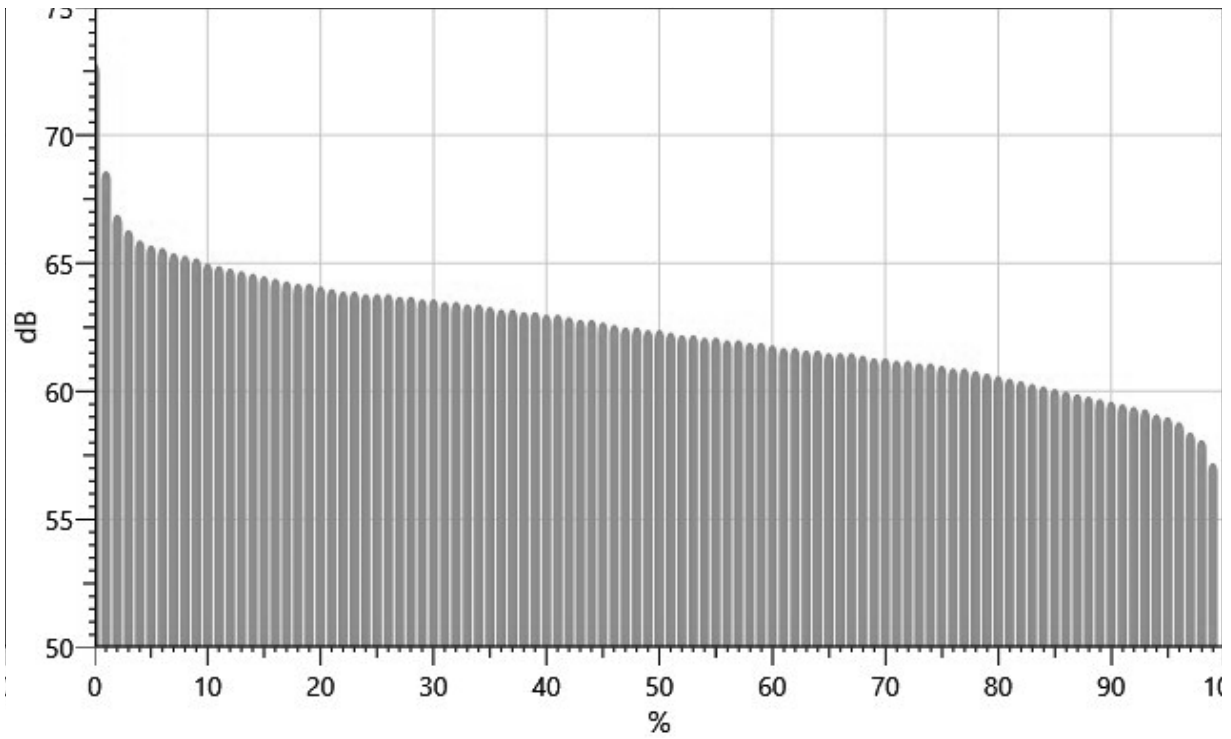
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		72.8	68.6	66.9	66.3	65.9	65.7	65.6	65.4	65.3
10%:	65.2	65.0	64.9	64.8	64.7	64.6	64.5	64.4	64.3	64.2
20%:	64.2	64.1	64.0	63.9	63.9	63.8	63.8	63.8	63.7	63.7
30%:	63.6	63.6	63.5	63.5	63.4	63.4	63.3	63.2	63.2	63.1
40%:	63.1	63.0	63.0	62.9	62.8	62.8	62.7	62.6	62.5	62.5
50%:	62.4	62.4	62.3	62.2	62.2	62.1	62.1	62.0	62.0	61.9
60%:	61.9	61.8	61.7	61.7	61.6	61.6	61.5	61.5	61.5	61.4

70%:	61.3	61.3	61.2	61.2	61.1	61.1	61.0	60.9	60.9	60.8
80%:	60.7	60.6	60.5	60.4	60.3	60.2	60.1	60.0	59.9	59.8
90%:	59.7	59.6	59.5	59.4	59.3	59.1	59.0	58.8	58.4	58.1
100%:	57.2									

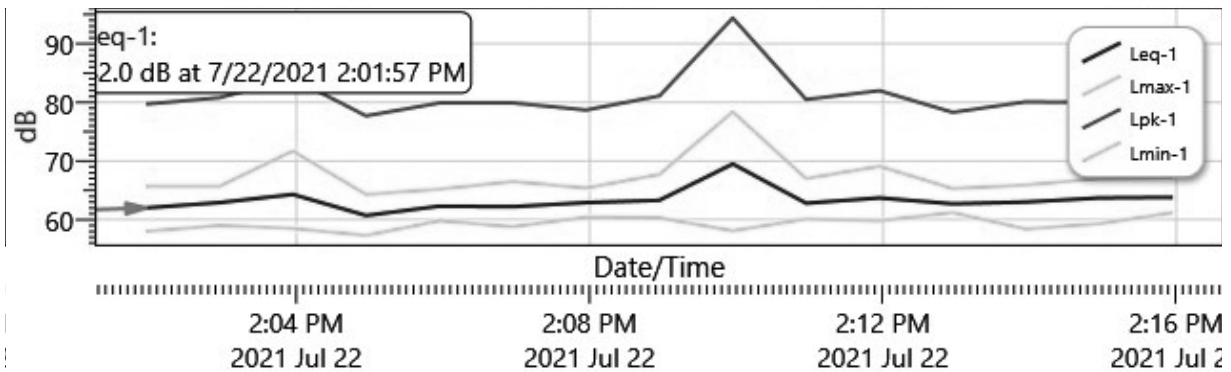
Exceedance Chart

S018_BIF090003_22072021_202016: Exceedance Chart



Logged Data Chart

S018_BIF090003_22072021_202016: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
-----------	-------	--------	--------	-------

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 2:01:57 PM	62	65.7	58	79.7
2:02:57 PM	62.9	65.7	59	80.8
2:03:57 PM	64.3	71.7	58.5	84.1
2:04:57 PM	60.7	64.3	57.3	77.7
2:05:57 PM	62.3	65.2	59.8	79.9
2:06:57 PM	62.2	66.5	58.8	79.9
2:07:57 PM	62.9	65.4	60.4	78.7
2:08:57 PM	63.3	67.7	60.3	81.1
2:09:57 PM	69.5	78.4	58.1	94.4
2:10:57 PM	62.8	67	60.1	80.5
2:11:57 PM	63.7	69.1	59.8	82
2:12:57 PM	62.7	65.3	61.2	78.3
2:13:57 PM	63	65.9	58.4	80.1
2:14:57 PM	63.7	67	59.3	80
2:15:57 PM	63.8	67.2	61.2	81.2

Session Report

7/23/2021

Information Panel

Name S019_BIF090005_22072021_204605
Start Time 7/22/2021 2:01:22 PM
Stop Time 7/22/2021 2:16:22 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 5 200' from Existing wall - 2- Postconstruction

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	5 dB	Weighting	2	A
Response	2	SLOW			

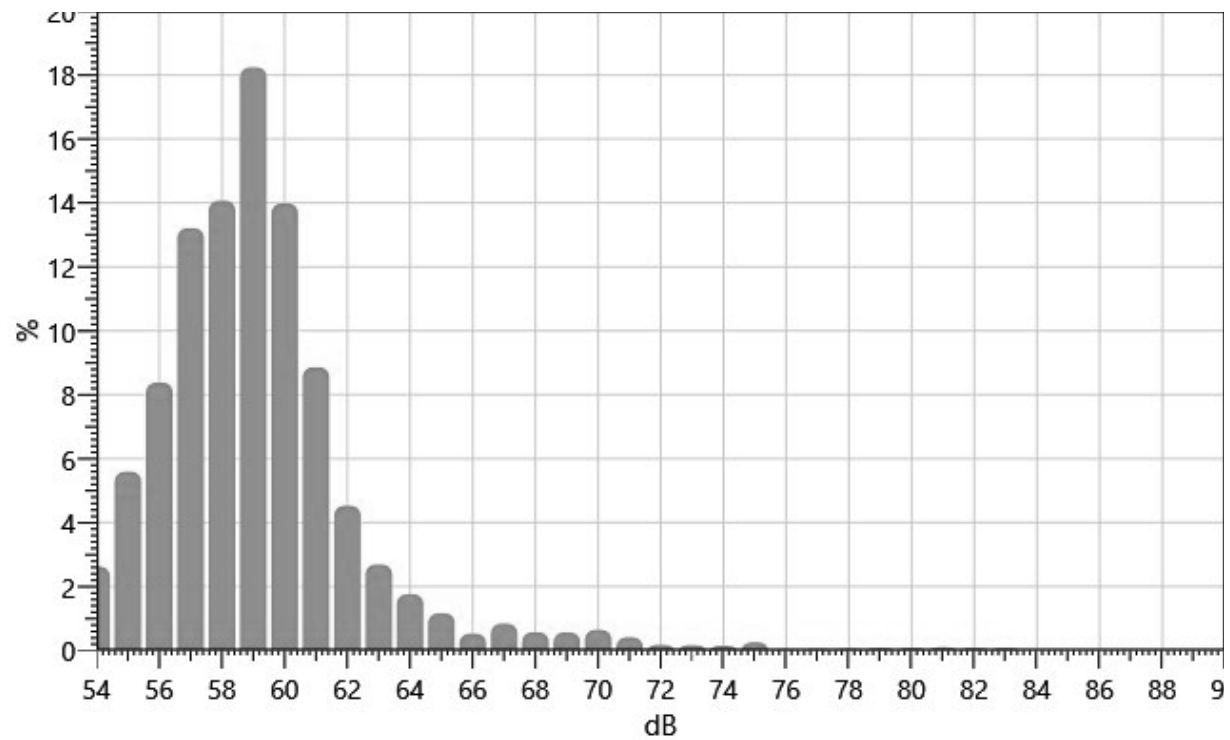
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
54:	0.03	0.32	0.21	0.19	0.41	0.25	0.28	0.27	0.30	0.36	2.63
55:	0.37	0.34	0.43	0.66	0.89	0.49	0.47	0.70	0.59	0.66	5.59
56:	0.68	0.96	0.93	0.64	0.60	0.81	1.00	0.78	0.89	1.09	8.38
57:	1.51	1.82	0.93	1.08	1.37	1.32	1.22	1.42	1.25	1.30	13.22
58:	1.45	1.35	1.37	1.40	1.16	1.42	1.53	1.63	1.43	1.33	14.07
59:	1.47	1.58	2.07	1.66	1.81	2.22	2.21	2.05	1.65	1.51	18.24
60:	1.57	1.53	1.22	1.22	1.23	1.29	1.65	1.66	1.35	1.27	13.98
61:	1.25	0.89	0.89	0.95	0.85	0.76	0.80	0.96	0.88	0.63	8.86
62:	0.61	0.53	0.49	0.50	0.52	0.44	0.38	0.38	0.27	0.41	4.53
63:	0.40	0.36	0.22	0.27	0.24	0.26	0.19	0.23	0.32	0.20	2.69
64:	0.18	0.17	0.23	0.15	0.18	0.14	0.14	0.18	0.21	0.18	1.76
65:	0.11	0.13	0.13	0.15	0.10	0.11	0.13	0.08	0.10	0.13	1.16
66:	0.07	0.06	0.04	0.07	0.04	0.04	0.07	0.05	0.05	0.04	0.53
67:	0.04	0.08	0.08	0.11	0.17	0.08	0.07	0.09	0.07	0.05	0.84

68:	0.05	0.07	0.07	0.08	0.06	0.04	0.05	0.05	0.05	0.05	0.57
69:	0.05	0.06	0.05	0.06	0.07	0.06	0.06	0.05	0.06	0.05	0.57
70:	0.07	0.08	0.07	0.06	0.07	0.05	0.04	0.05	0.07	0.08	0.64
71:	0.06	0.07	0.03	0.03	0.03	0.03	0.03	0.02	0.05	0.07	0.41
72:	0.03	0.02	0.02	0.01	0.02	0.02	0.01	0.02	0.01	0.01	0.18
73:	0.02	0.01	0.02	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.17
74:	0.01	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.02	0.15
75:	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.26
76:	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.04
77:	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.05
78:	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.06
79:	0.01	0.01	0.01	0.01	0.03	0.00	0.01	0.01	0.01	0.01	0.08
80:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
81:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.10
82:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
83:	0.01	0.01	0.01	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.08

Statistics Chart

S019_BIF090005_22072021_204605: Statistics Chart

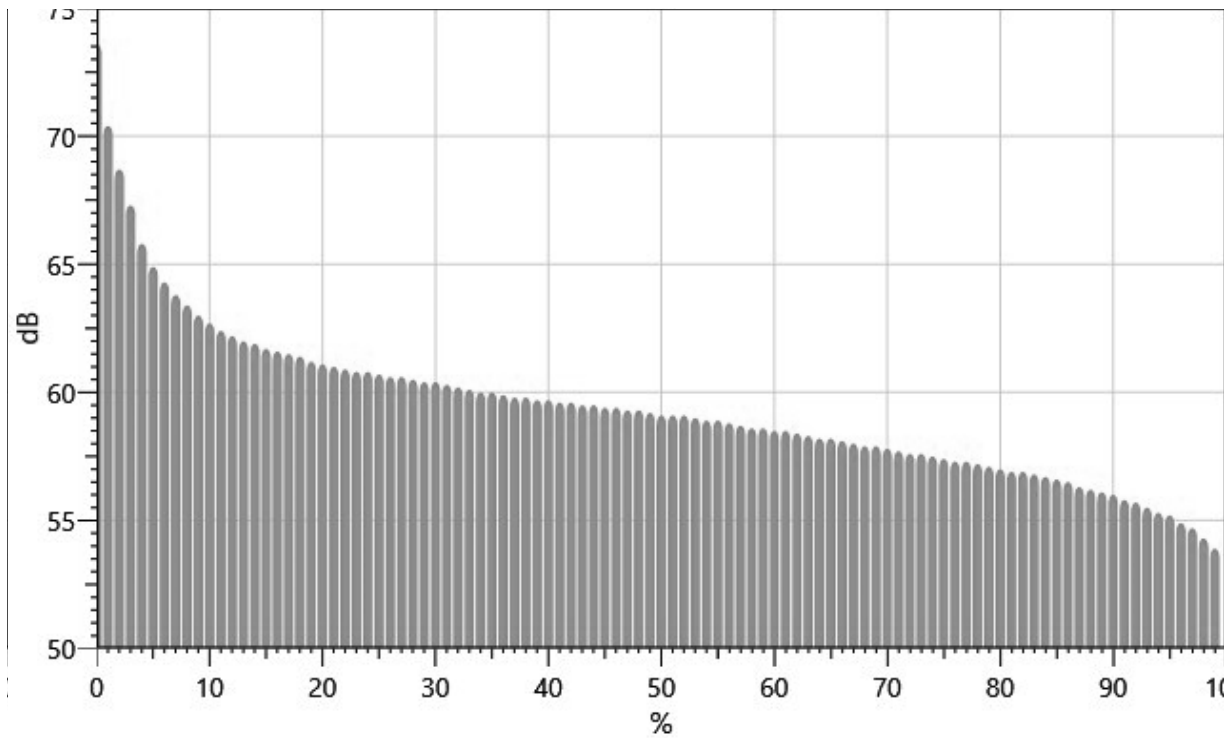


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		73.6	70.4	68.7	67.3	65.8	64.9	64.3	63.8	63.4
10%:	63.0	62.7	62.4	62.2	62.0	61.9	61.7	61.6	61.5	61.4
20%:	61.2	61.1	61.0	60.9	60.8	60.8	60.7	60.6	60.6	60.5
30%:	60.4	60.4	60.3	60.2	60.1	60.0	60.0	59.9	59.8	59.8
40%:	59.7	59.7	59.6	59.6	59.5	59.5	59.4	59.4	59.3	59.3
50%:	59.2	59.1	59.1	59.1	59.0	58.9	58.9	58.8	58.7	58.6
60%:	58.6	58.5	58.5	58.4	58.3	58.2	58.2	58.1	58.0	57.9
70%:	57.9	57.8	57.7	57.6	57.6	57.5	57.4	57.3	57.3	57.2
80%:	57.1	57.0	56.9	56.9	56.8	56.7	56.6	56.5	56.3	56.2
90%:	56.1	56.0	55.8	55.7	55.5	55.3	55.2	54.9	54.7	54.3
100%:	53.9									

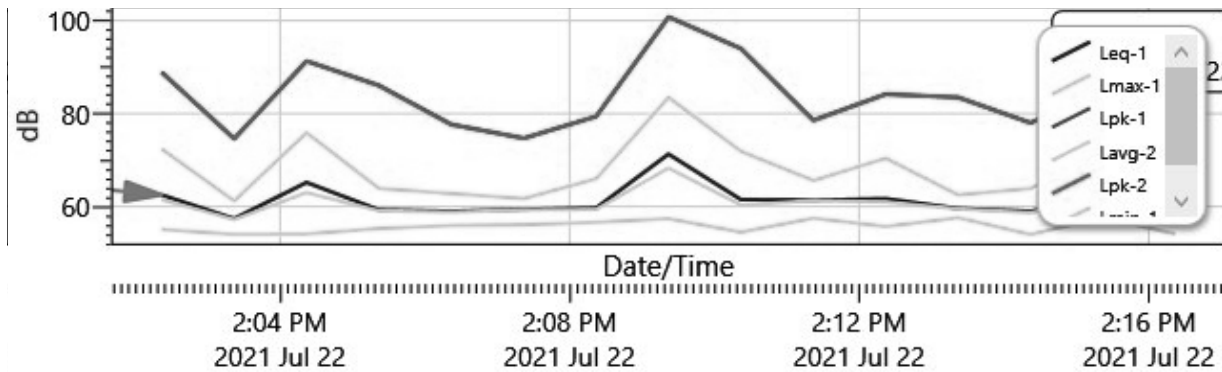
Exceedance Chart

S019_BIF090005_22072021_204605: Exceedance Chart



Logged Data Chart

S019_BIF090005_22072021_204605: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
7/22/2021 2:02:22 PM	62.5	72.4	55.1	88.9
2:03:22 PM	57.4	61.2	54	74.6
2:04:22 PM	65.2	75.9	54.1	91.3
2:05:22 PM	59.3	63.9	55.3	86.1
2:06:22 PM	59	62.8	55.9	77.7
2:07:22 PM	59.4	61.7	56.1	74.7
2:08:22 PM	59.7	66	56.6	79.4
2:09:22 PM	71.3	83.5	57.4	100.8
2:10:22 PM	61.5	71.9	54.5	94
2:11:22 PM	61.4	65.6	57.5	78.6
2:12:22 PM	61.7	70.4	55.7	84.2
2:13:22 PM	59.6	62.5	57.6	83.5
2:14:22 PM	59	63.9	54	78
2:15:22 PM	62.2	71.1	57.7	85.6
2:16:22 PM	60	66	54.1	79.6

Session Report

9/29/2021

Information Panel

Name S031_BIF090005_29092021_193633
Start Time 9/29/2021 9:22:09 AM
Stop Time 9/29/2021 9:37:09 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 Top of Vinyl wall-9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

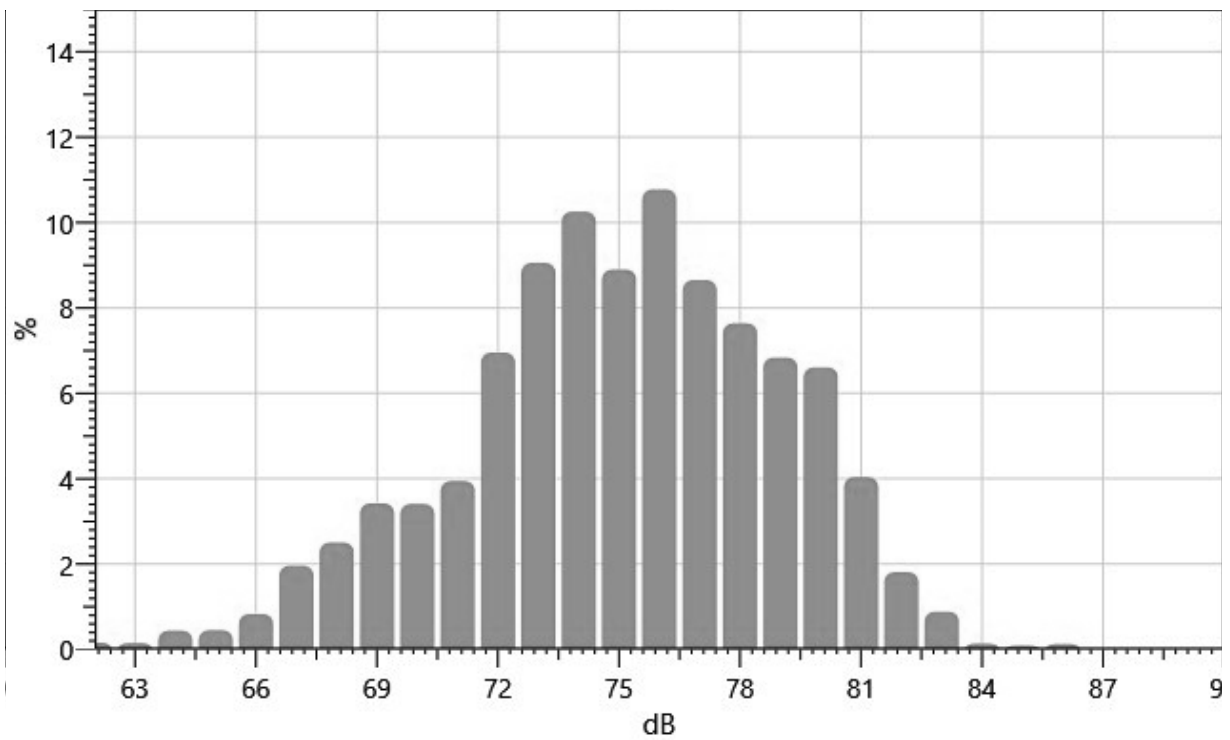
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
62:	0.02	0.04	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.16
63:	0.01	0.01	0.01	0.01	0.00	0.02	0.02	0.02	0.02	0.02	0.15
64:	0.01	0.05	0.05	0.03	0.05	0.05	0.04	0.04	0.06	0.06	0.44
65:	0.04	0.06	0.02	0.02	0.03	0.03	0.05	0.07	0.07	0.06	0.45
66:	0.05	0.05	0.04	0.05	0.05	0.07	0.17	0.14	0.13	0.09	0.83
67:	0.09	0.08	0.19	0.10	0.18	0.19	0.20	0.28	0.32	0.34	1.96
68:	0.28	0.28	0.25	0.28	0.21	0.24	0.27	0.23	0.25	0.22	2.51
69:	0.29	0.21	0.31	0.47	0.52	0.35	0.32	0.30	0.28	0.38	3.42
70:	0.31	0.36	0.27	0.37	0.45	0.41	0.34	0.32	0.27	0.30	3.41
71:	0.30	0.30	0.23	0.35	0.43	0.43	0.46	0.53	0.49	0.44	3.94
72:	0.59	0.67	0.67	0.55	0.61	0.55	0.76	0.82	0.76	0.97	6.95
73:	0.90	0.91	0.75	1.01	0.88	0.88	0.81	0.94	0.95	1.02	9.05
74:	1.26	1.15	0.72	0.93	0.90	0.97	1.08	1.06	1.17	1.03	10.25
75:	0.97	0.79	0.79	0.83	0.96	0.87	1.05	0.90	0.93	0.81	8.90

76:	0.90	1.20	1.04	1.36	1.07	0.86	1.17	1.18	0.98	1.02	10.78
77:	0.93	1.01	0.66	0.92	0.88	0.89	0.85	0.76	0.95	0.82	8.65
78:	0.69	0.72	0.77	0.80	0.74	0.91	0.83	0.79	0.68	0.72	7.64
79:	0.67	0.63	0.79	0.69	0.73	0.71	0.70	0.55	0.68	0.70	6.84
80:	0.83	0.93	0.50	0.63	0.74	0.65	0.70	0.54	0.53	0.56	6.61
81:	0.44	0.51	0.48	0.41	0.42	0.49	0.33	0.33	0.39	0.24	4.04
82:	0.20	0.19	0.24	0.20	0.21	0.20	0.14	0.11	0.14	0.18	1.81
83:	0.17	0.16	0.11	0.08	0.09	0.08	0.08	0.04	0.04	0.04	0.88
84:	0.04	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.14
85:	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.09
86:	0.01	0.01	0.01	0.02	0.01	0.01	0.03	0.03	0.00	0.00	0.13

Statistics Chart

S031_BIF090005_29092021_193633: Statistics Chart



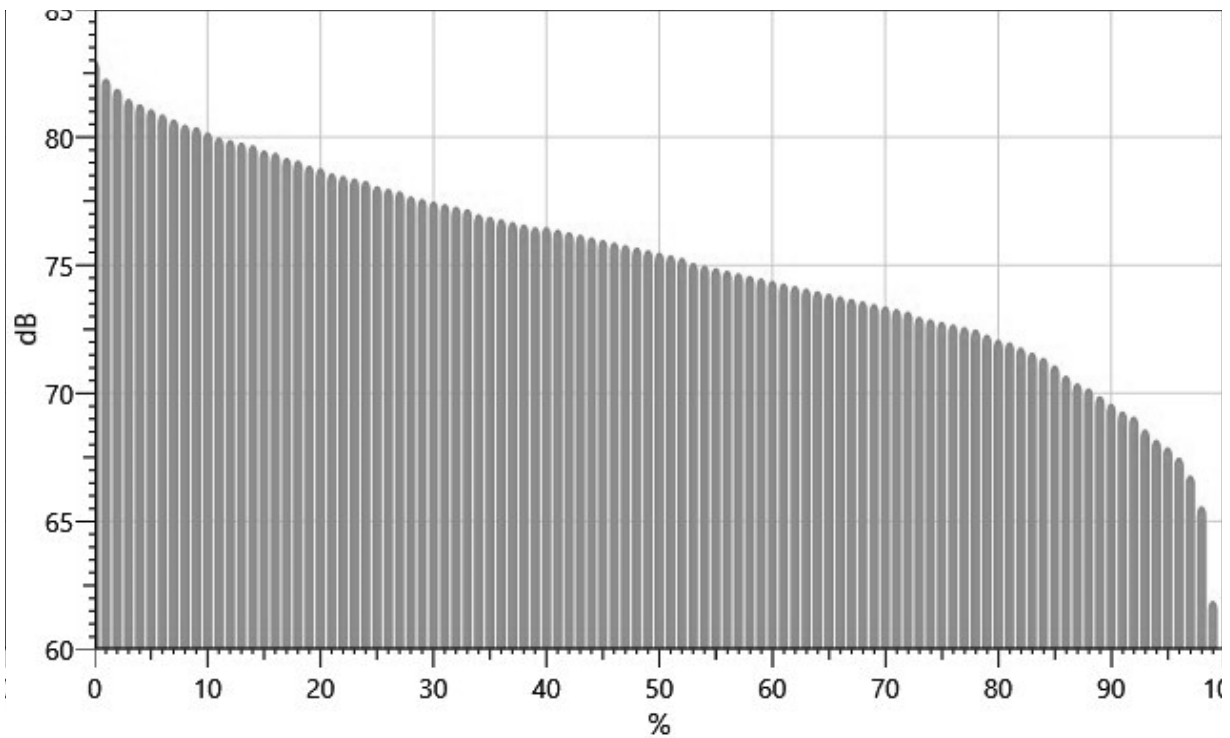
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		83.0	82.3	81.9	81.5	81.3	81.1	80.9	80.7	80.5
10%:	80.4	80.2	80.0	79.9	79.8	79.7	79.5	79.4	79.2	79.1
20%:	78.9	78.8	78.6	78.5	78.4	78.3	78.1	78.0	77.9	77.7
30%:	77.6	77.5	77.4	77.3	77.2	77.0	76.9	76.8	76.7	76.6

40%:	76.5	76.5	76.4	76.3	76.2	76.1	76.0	75.9	75.8	75.7
50%:	75.6	75.5	75.4	75.3	75.1	75.0	74.9	74.8	74.7	74.6
60%:	74.5	74.4	74.3	74.2	74.1	74.0	73.9	73.8	73.7	73.6
70%:	73.5	73.4	73.3	73.2	73.0	72.9	72.8	72.7	72.6	72.5
80%:	72.3	72.1	72.0	71.8	71.6	71.4	71.1	70.7	70.4	70.2
90%:	69.9	69.6	69.3	69.1	68.6	68.2	67.9	67.5	66.8	65.6
100%:	61.9									

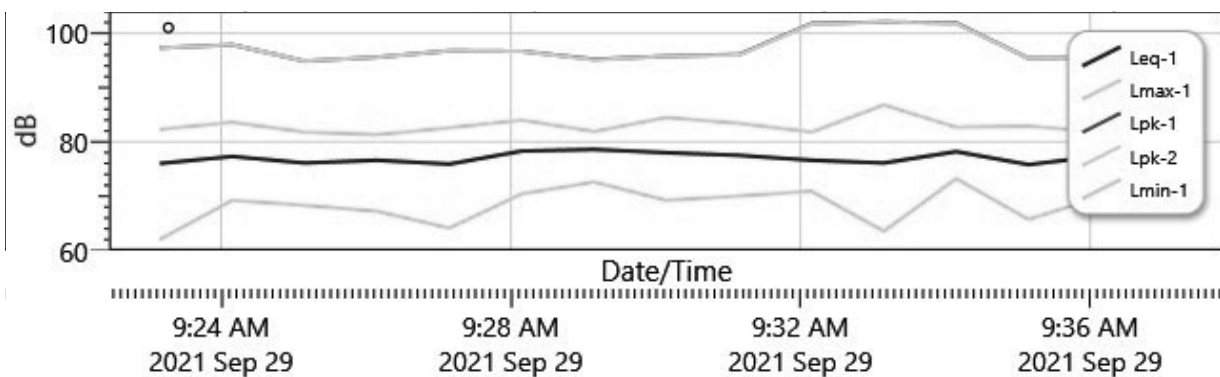
Exceedance Chart

S031_BIF090005_29092021_193633: Exceedance Chart



Logged Data Chart

S031_BIF090005_29092021_193633: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 9:23:09 AM	76	82.3	62	97.3
9:24:09 AM	77.3	83.6	69.2	97.9
9:25:09 AM	76.1	81.8	68.3	94.9
9:26:09 AM	76.6	81.3	67.2	95.6
9:27:09 AM	75.9	82.6	64.1	96.8
9:28:09 AM	78.3	84	70.4	96.7
9:29:09 AM	78.6	81.9	72.6	95.2
9:30:09 AM	78	84.5	69.2	95.8
9:31:09 AM	77.5	83.4	70	96.1
9:32:09 AM	76.6	81.8	70.9	101.8
9:33:09 AM	76.1	86.8	63.5	102.1
9:34:09 AM	78.2	82.7	73.2	101.9
9:35:09 AM	75.8	82.9	65.7	95.4
9:36:09 AM	77.4	81.8	69.9	95.4
9:37:09 AM	75.9	83.2	67.6	95.6

Session Report

9/30/2021

Information Panel

Name S031_BIF090003_29092021_202247
Start Time 9/29/2021 9:22:24 AM
Stop Time 9/29/2021 9:37:24 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5ft. from vinyl wall_ 9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

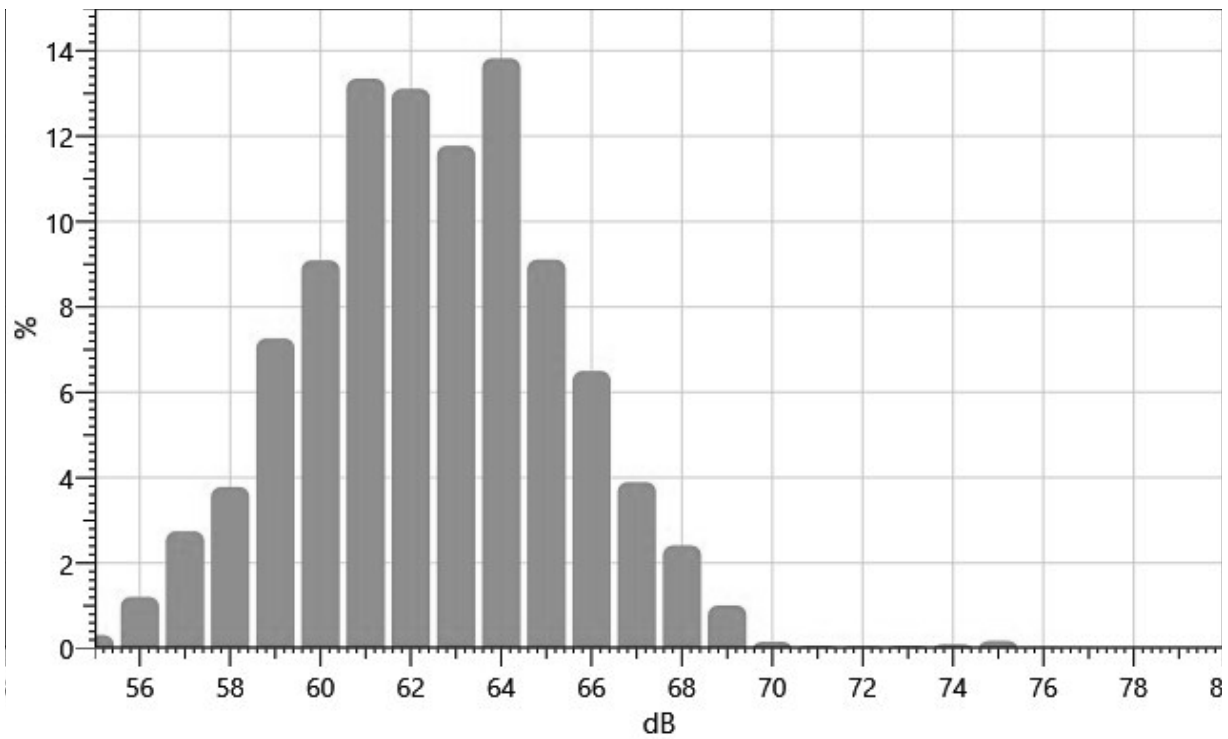
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.00	0.02	0.10	0.04	0.07	0.07	0.31
56:	0.05	0.05	0.11	0.22	0.25	0.15	0.11	0.10	0.09	0.08	1.21
57:	0.12	0.12	0.23	0.21	0.22	0.19	0.35	0.47	0.46	0.38	2.74
58:	0.33	0.48	0.26	0.20	0.24	0.28	0.42	0.41	0.52	0.64	3.78
59:	0.86	0.82	0.78	0.70	0.56	0.46	0.65	0.78	0.73	0.92	7.26
60:	1.18	0.99	0.82	0.56	0.56	0.82	0.93	1.24	0.95	1.04	9.09
61:	1.07	1.16	1.15	1.42	1.10	1.27	1.66	1.39	1.43	1.70	13.35
62:	1.60	1.24	1.10	1.11	1.19	1.32	1.21	1.48	1.49	1.36	13.11
63:	1.44	1.08	1.22	1.21	1.18	1.06	1.10	1.04	1.07	1.39	11.78
64:	1.55	1.33	1.46	1.32	1.28	1.62	1.45	1.37	1.22	1.21	13.82
65:	1.24	1.20	0.73	0.76	0.95	0.96	0.84	0.82	0.88	0.73	9.11
66:	0.62	0.55	0.52	0.63	0.69	0.77	0.74	0.81	0.64	0.55	6.50
67:	0.49	0.48	0.38	0.42	0.41	0.33	0.32	0.38	0.32	0.35	3.90
68:	0.29	0.29	0.20	0.32	0.24	0.27	0.29	0.18	0.16	0.18	2.41

69:	0.16	0.19	0.09	0.13	0.07	0.10	0.07	0.05	0.07	0.07	1.01
70:	0.10	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.16
71:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06
72:	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0.05
73:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06
74:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.10
75:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.02	0.02	0.18
76:	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

Statistics Chart

S031_BIF090003_29092021_202247: Statistics Chart



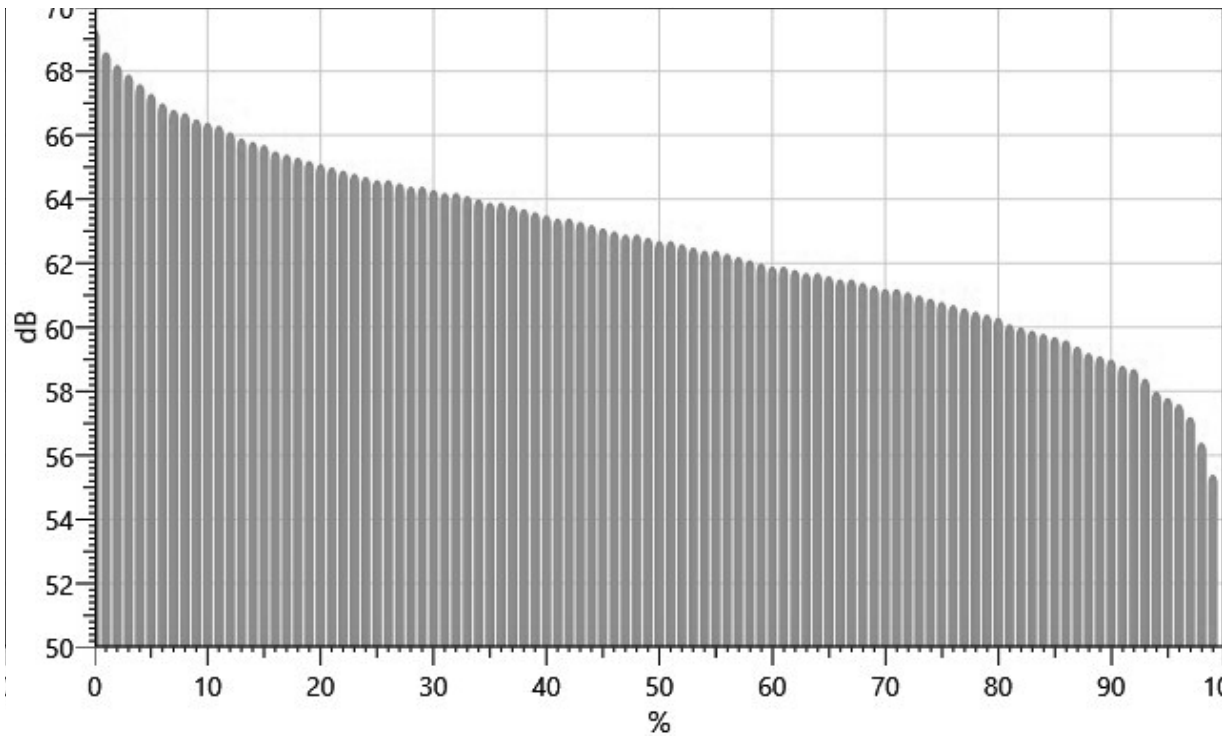
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		69.3	68.6	68.2	67.9	67.6	67.3	67.0	66.8	66.7
10%:	66.5	66.4	66.3	66.1	65.9	65.8	65.7	65.5	65.4	65.3
20%:	65.2	65.1	65.0	64.9	64.8	64.7	64.6	64.6	64.5	64.4
30%:	64.4	64.3	64.2	64.2	64.1	64.0	63.9	63.9	63.8	63.7
40%:	63.6	63.5	63.4	63.4	63.3	63.2	63.1	63.0	62.9	62.9
50%:	62.8	62.7	62.7	62.6	62.5	62.4	62.4	62.3	62.2	62.1
60%:	62.0	61.9	61.9	61.8	61.7	61.7	61.6	61.5	61.5	61.4

70%:	61.3	61.2	61.2	61.1	61.0	60.9	60.8	60.7	60.6	60.5
80%:	60.4	60.3	60.1	60.0	59.9	59.8	59.7	59.6	59.4	59.2
90%:	59.1	59.0	58.8	58.7	58.4	58.0	57.8	57.6	57.2	56.4
100%:	55.4									

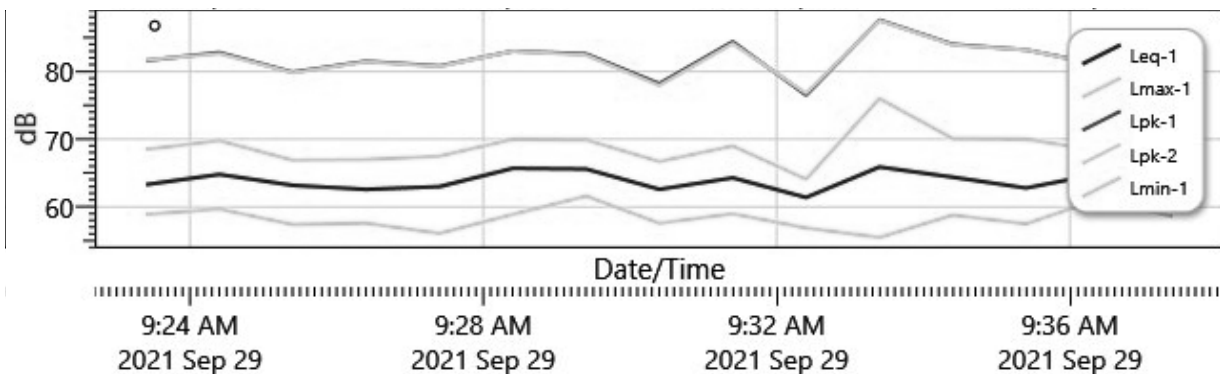
Exceedance Chart

S031_BIF090003_29092021_202247: Exceedance Chart



Logged Data Chart

S031_BIF090003_29092021_202247: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:24 AM 2021 Sep 29	63.5	81.5	59.5	69.5
9:28 AM 2021 Sep 29	63.5	81.5	57.5	69.5
9:32 AM 2021 Sep 29	64.5	84.5	59.5	69.5
9:36 AM 2021 Sep 29	63.5	81.5	58.5	69.5

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 9:23:24 AM	63.3	68.5	58.9	81.6
9:24:24 AM	64.8	69.8	59.7	82.8
9:25:24 AM	63.2	66.9	57.4	79.9
9:26:24 AM	62.6	67	57.6	81.5
9:27:24 AM	63	67.5	56.1	80.8
9:28:24 AM	65.7	70	58.9	83
9:29:24 AM	65.6	69.9	61.6	82.6
9:30:24 AM	62.6	66.7	57.6	78.2
9:31:24 AM	64.3	69	59	84.4
9:32:24 AM	61.4	64.1	56.9	76.5
9:33:24 AM	65.9	76	55.5	87.6
9:34:24 AM	64.4	70.1	58.8	84
9:35:24 AM	62.8	70	57.5	83.2
9:36:24 AM	64.9	68.3	61.2	81
9:37:24 AM	62.1	67.7	58.6	80.4

Session Report

9/30/2021

Information Panel

Name S058_BIG080015_29092021_205934
Start Time 9/29/2021 9:22:05 AM
Stop Time 9/29/2021 9:37:05 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from Vinyl Wall 9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	65.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

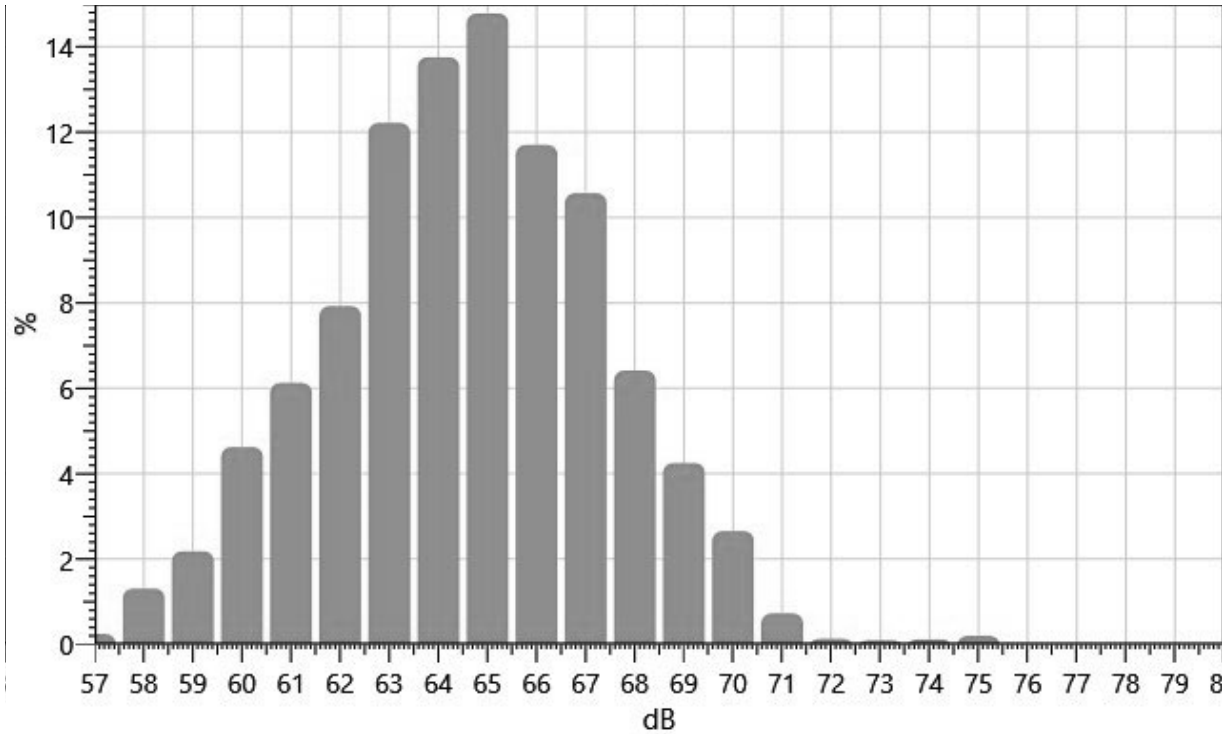
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.00	0.00	0.00	0.03	0.06	0.05	0.03	0.04	0.03	0.24
58:	0.03	0.11	0.04	0.25	0.32	0.11	0.06	0.06	0.16	0.17	1.31
59:	0.16	0.12	0.10	0.11	0.17	0.31	0.27	0.31	0.29	0.32	2.18
60:	0.50	0.35	0.35	0.23	0.41	0.49	0.42	0.51	0.65	0.73	4.62
61:	0.56	0.43	0.63	0.44	0.47	0.60	0.69	0.69	0.93	0.69	6.12
62:	0.56	0.64	0.52	0.51	0.88	0.89	1.08	1.02	0.81	1.02	7.92
63:	0.95	0.95	0.93	1.29	1.38	1.34	1.34	1.00	1.56	1.47	12.22
64:	1.34	1.41	1.55	1.38	1.30	1.18	1.35	1.51	1.36	1.37	13.76
65:	1.41	1.43	1.41	1.59	1.53	1.65	1.51	1.37	1.47	1.41	14.78
66:	1.39	1.39	1.23	1.16	1.24	1.19	1.22	0.99	0.98	0.91	11.70
67:	0.96	1.08	0.90	1.15	0.97	1.09	1.00	1.21	1.05	1.15	10.57
68:	1.19	1.15	0.48	0.55	0.61	0.54	0.41	0.49	0.56	0.44	6.41
69:	0.48	0.58	0.53	0.49	0.39	0.29	0.40	0.44	0.32	0.33	4.25
70:	0.45	0.40	0.30	0.33	0.25	0.26	0.25	0.21	0.11	0.10	2.65

71:	0.09	0.11	0.05	0.07	0.11	0.10	0.09	0.05	0.04	0.02	0.72
72:	0.03	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.13
73:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
74:	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.12
75:	0.01	0.03	0.05	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.20

Statistics Chart

S058_BIG080015_29092021_205934: Statistics Chart

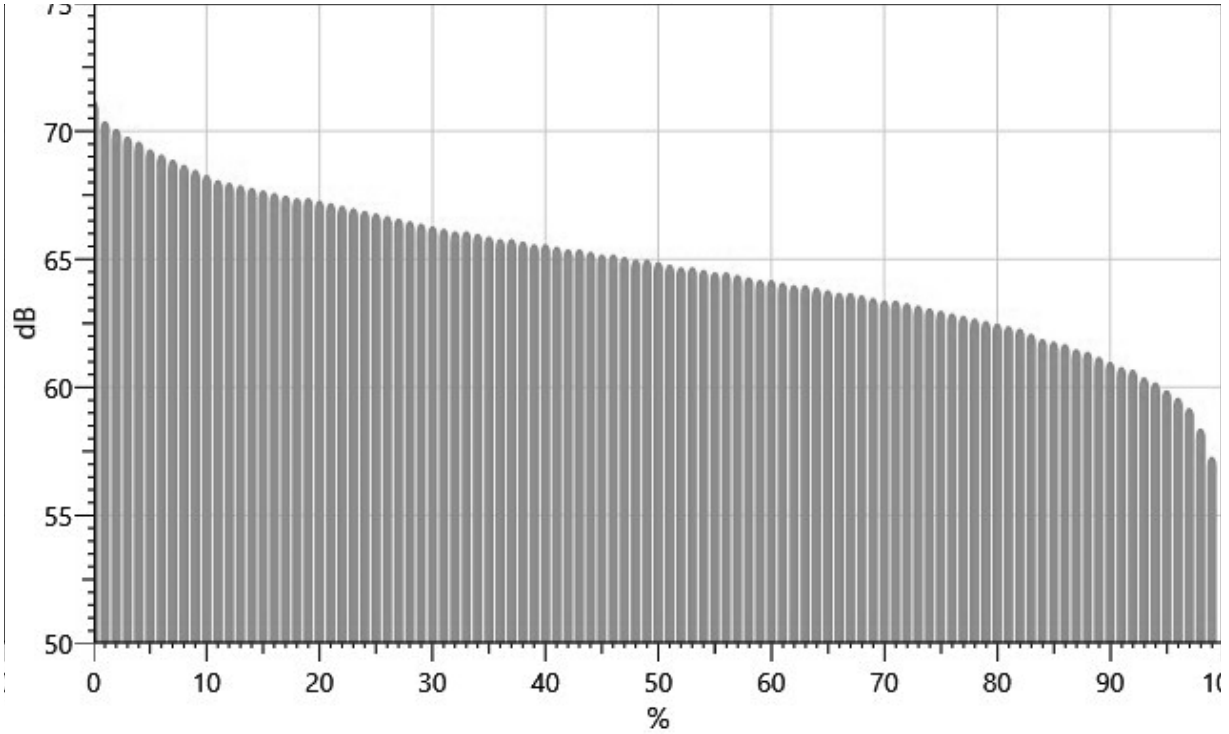


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		71.2	70.4	70.1	69.8	69.6	69.3	69.1	68.9	68.7
10%:	68.5	68.3	68.1	68.0	67.9	67.8	67.7	67.6	67.5	67.4
20%:	67.4	67.3	67.2	67.1	67.0	66.9	66.8	66.7	66.6	66.5
30%:	66.4	66.3	66.2	66.1	66.1	66.0	65.9	65.8	65.8	65.7
40%:	65.6	65.6	65.5	65.4	65.4	65.3	65.2	65.2	65.1	65.0
50%:	65.0	64.9	64.8	64.7	64.7	64.6	64.5	64.5	64.4	64.3
60%:	64.2	64.2	64.1	64.0	64.0	63.9	63.8	63.7	63.7	63.6
70%:	63.5	63.4	63.4	63.3	63.2	63.1	63.0	62.9	62.8	62.7
80%:	62.6	62.5	62.4	62.3	62.1	61.9	61.8	61.7	61.5	61.4
90%:	61.2	61.0	60.8	60.7	60.4	60.2	59.9	59.6	59.2	58.4

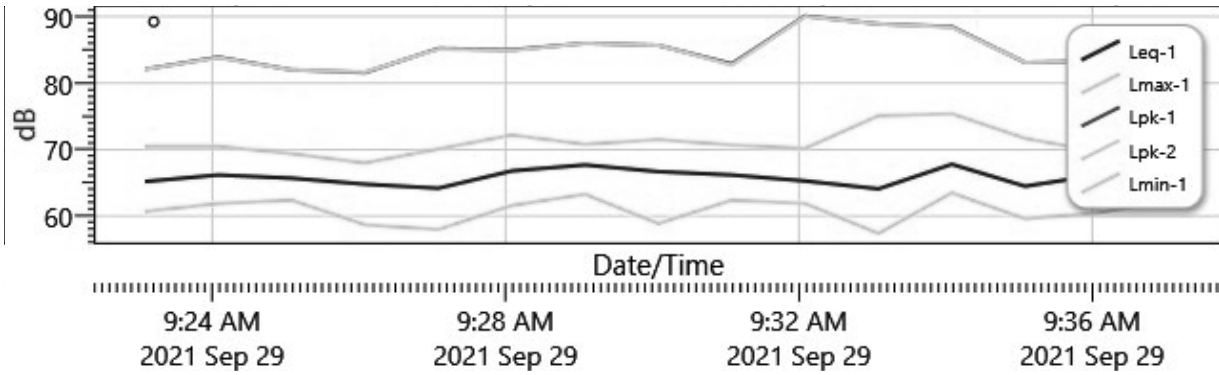
Exceedance Chart

S058_BIG080015_29092021_205934: Exceedance Chart



Logged Data Chart

S058_BIG080015_29092021_205934: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 9:23:05 AM	65.2	70.5	60.7	82.1
9:24:05 AM	66.2	70.5	61.9	83.9
9:25:05 AM	65.7	69.4	62.4	82

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:26:05 AM	64.8	68	58.7	81.6
9:27:05 AM	64.2	70.1	58	85.2
9:28:05 AM	66.8	72.2	61.6	85
9:29:05 AM	67.7	70.8	63.3	86
9:30:05 AM	66.7	71.5	58.9	85.7
9:31:05 AM	66.2	70.7	62.4	82.9
9:32:05 AM	65.3	70.2	61.9	90.1
9:33:05 AM	64.1	75.1	57.4	88.9
9:34:05 AM	67.8	75.4	63.5	88.5
9:35:05 AM	64.5	71.7	59.6	83.1
9:36:05 AM	66.2	69.7	60.5	83.3
9:37:05 AM	65.4	70.1	62.5	82.4

Session Report

9/30/2021

Information Panel

Name S013_BIH050001_29092021_213228
Start Time 9/29/2021 9:22:16 AM
Stop Time 9/29/2021 9:37:16 AM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from Vinyl wall 9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	66.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

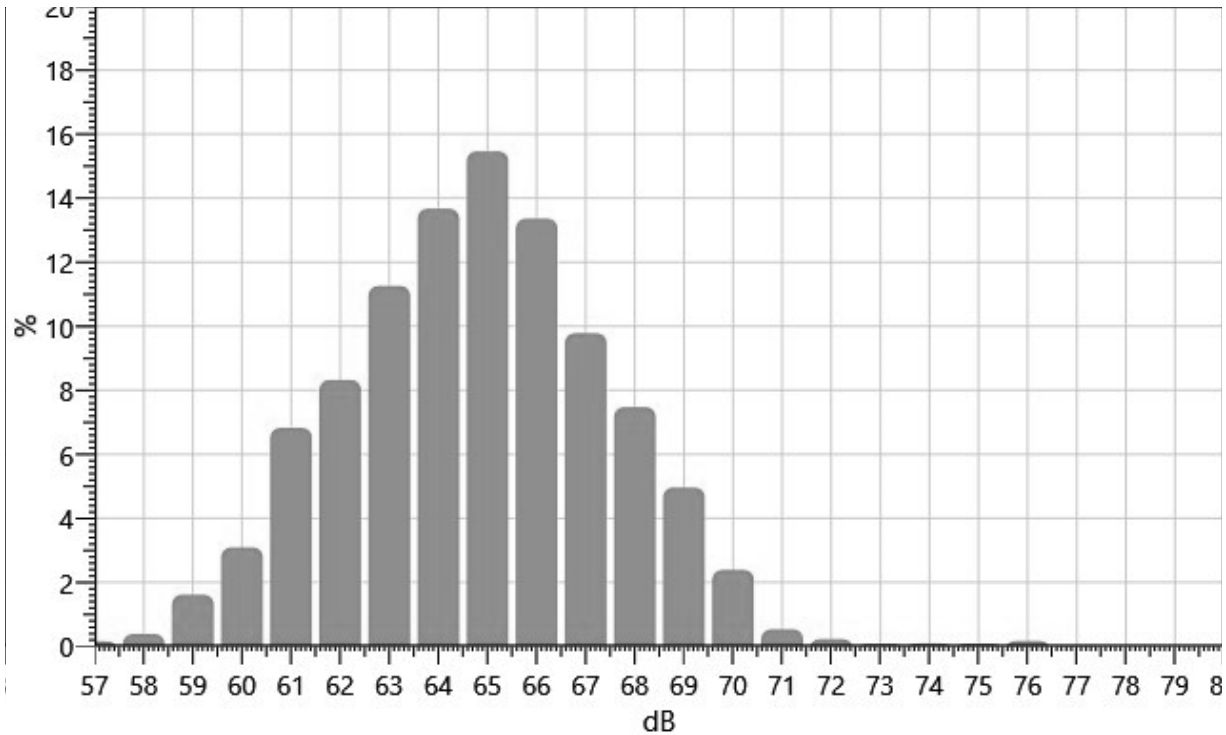
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.04	0.04	0.16
58:	0.02	0.02	0.01	0.02	0.02	0.05	0.10	0.06	0.04	0.04	0.39
59:	0.09	0.09	0.13	0.14	0.18	0.21	0.16	0.32	0.09	0.21	1.62
60:	0.15	0.16	0.10	0.23	0.51	0.48	0.29	0.41	0.47	0.29	3.09
61:	0.36	0.52	0.63	0.70	0.65	0.68	0.76	0.77	0.82	0.92	6.82
62:	1.18	0.86	0.67	0.83	0.85	0.63	0.78	0.78	0.76	0.99	8.32
63:	0.94	0.87	1.14	1.10	1.18	1.21	1.30	1.19	1.20	1.13	11.26
64:	1.24	1.20	1.38	1.45	1.05	1.03	1.20	1.51	1.73	1.88	13.67
65:	1.72	1.75	1.31	1.94	1.48	1.53	1.31	1.36	1.53	1.54	15.47
66:	1.55	1.57	1.34	1.12	1.11	1.38	1.35	1.47	1.28	1.19	13.36
67:	1.24	0.96	0.93	1.14	1.13	0.97	0.76	0.81	0.96	0.88	9.78
68:	0.87	0.81	0.57	0.92	0.99	0.59	0.56	0.77	0.61	0.78	7.47
69:	0.76	0.78	0.67	0.51	0.48	0.40	0.32	0.36	0.34	0.33	4.96
70:	0.32	0.23	0.34	0.21	0.27	0.28	0.29	0.29	0.08	0.07	2.39

71:	0.11	0.10	0.03	0.03	0.03	0.02	0.04	0.03	0.06	0.08	0.53
72:	0.03	0.09	0.06	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.23
73:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
74:	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.09
75:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
76:	0.02	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.03	0.17
77:	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

Statistics Chart

S013_BIH050001_29092021_213228: Statistics Chart



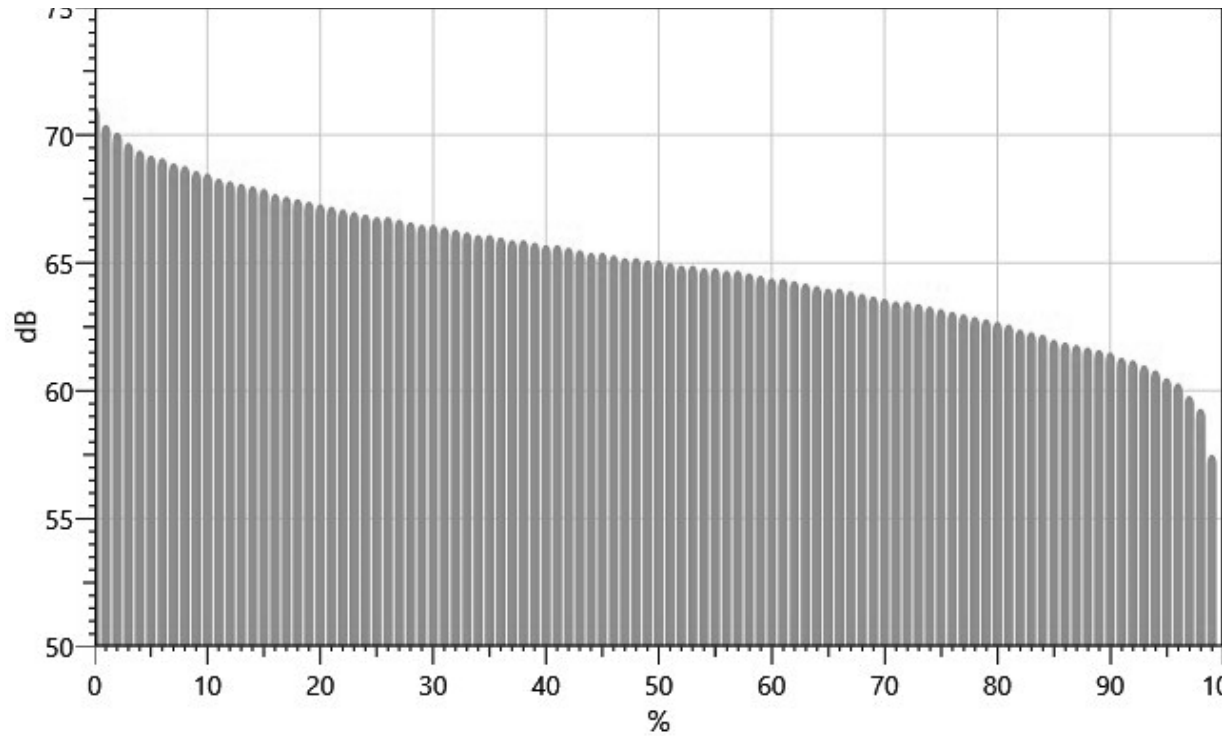
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		71.1	70.4	70.1	69.7	69.4	69.2	69.1	68.9	68.8
10%:	68.6	68.5	68.3	68.2	68.1	68.0	67.9	67.7	67.6	67.5
20%:	67.4	67.3	67.2	67.1	67.0	66.9	66.8	66.8	66.7	66.6
30%:	66.5	66.5	66.4	66.3	66.2	66.1	66.1	66.0	65.9	65.9
40%:	65.8	65.7	65.7	65.6	65.5	65.4	65.4	65.3	65.2	65.2
50%:	65.1	65.1	65.0	64.9	64.9	64.8	64.8	64.7	64.7	64.6
60%:	64.5	64.4	64.4	64.3	64.2	64.1	64.0	64.0	63.9	63.8
70%:	63.7	63.6	63.5	63.5	63.4	63.3	63.2	63.1	63.0	62.9

80%:	62.8	62.7	62.6	62.4	62.3	62.2	62.0	61.9	61.8	61.7
90%:	61.6	61.5	61.3	61.2	61.0	60.8	60.5	60.3	59.8	59.3
100%:	57.5									

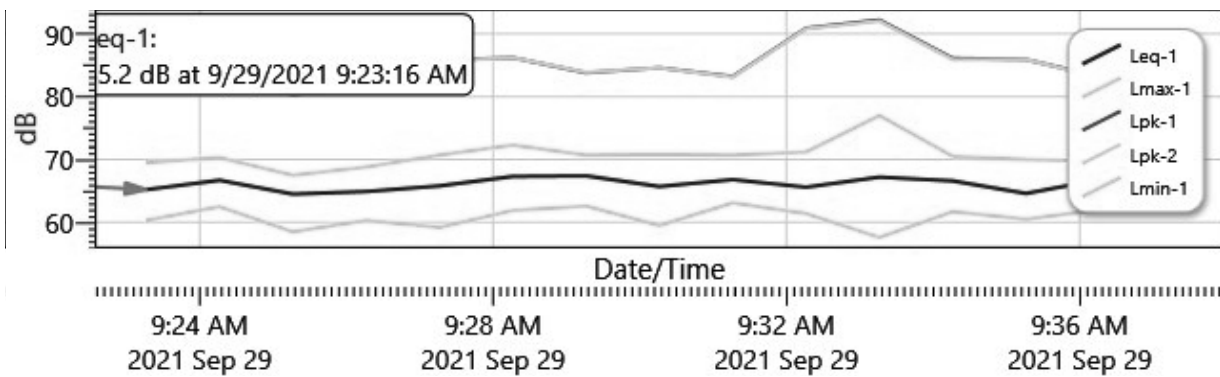
Exceedance Chart

S013_BIH050001_29092021_213228: Exceedance Chart



Logged Data Chart

S013_BIH050001_29092021_213228: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 9:23:16 AM	65.2	69.5	60.3	84.9

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:24:16 AM	66.7	70.3	62.5	82.8
9:25:16 AM	64.5	67.5	58.5	80.4
9:26:16 AM	64.9	68.8	60.3	81.3
9:27:16 AM	65.8	70.7	59.2	85.8
9:28:16 AM	67.3	72.3	61.9	86.2
9:29:16 AM	67.4	70.7	62.6	83.8
9:30:16 AM	65.7	70.8	59.5	84.6
9:31:16 AM	66.8	70.7	63.1	83.2
9:32:16 AM	65.6	71.2	61.4	90.9
9:33:16 AM	67.2	77	57.6	92.2
9:34:16 AM	66.6	70.5	61.7	86.1
9:35:16 AM	64.6	70	60.5	85.9
9:36:16 AM	66.8	69.7	62	83.2
9:37:16 AM	65.3	68.8	62.3	81.7

Session Report

9/30/2021

Information Panel

Name S357_BIF030001_29092021_220447
Start Time 9/29/2021 9:22:31 AM
Stop Time 9/29/2021 9:37:31 AM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' from Vinyl wall 9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

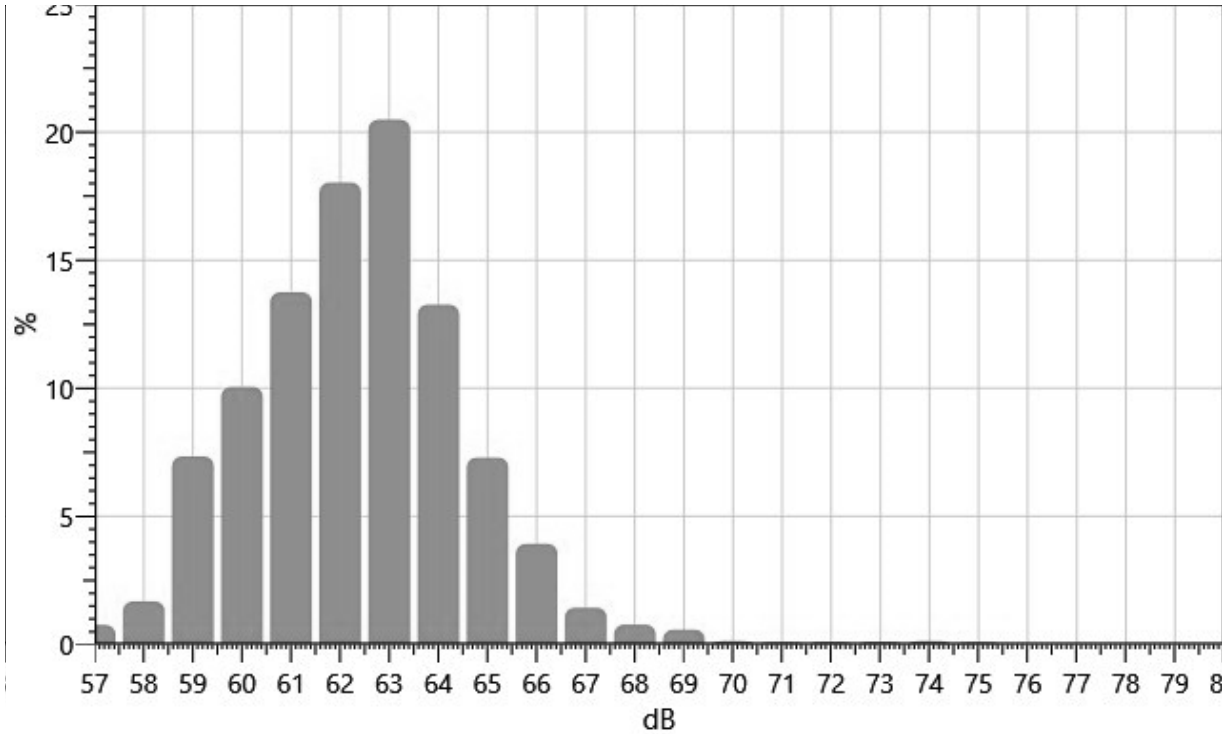
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.00	0.00	0.00	0.03	0.08	0.22	0.17	0.13	0.12	0.76
58:	0.13	0.09	0.05	0.11	0.11	0.07	0.16	0.25	0.24	0.47	1.68
59:	0.33	0.31	0.44	0.68	0.83	1.11	1.18	0.98	0.85	0.64	7.34
60:	0.70	0.66	0.85	0.95	0.76	0.63	0.99	1.20	1.61	1.72	10.05
61:	1.74	1.13	0.58	1.38	1.74	1.46	1.44	1.38	1.45	1.46	13.75
62:	1.83	1.51	1.84	1.73	1.57	1.80	1.98	1.94	1.98	1.87	18.04
63:	2.16	2.29	2.51	2.23	1.69	1.88	1.65	1.74	2.22	2.13	20.49
64:	1.82	1.53	1.27	1.70	1.68	1.32	1.13	1.12	0.97	0.73	13.27
65:	0.82	0.85	0.80	0.78	0.59	0.55	0.84	0.68	0.84	0.55	7.30
66:	0.59	0.41	0.55	0.28	0.19	0.31	0.39	0.44	0.34	0.42	3.93
67:	0.42	0.39	0.14	0.11	0.05	0.08	0.11	0.06	0.05	0.03	1.44
68:	0.07	0.10	0.08	0.11	0.13	0.06	0.06	0.07	0.04	0.06	0.77
69:	0.05	0.06	0.08	0.07	0.03	0.07	0.10	0.09	0.03	0.01	0.58
70:	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.13

71:	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.09
72:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.10
73:	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.10
74:	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.13
75:	0.01	0.01	0.01	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.08

Statistics Chart

S357_BIF030001_29092021_220447: Statistics Chart



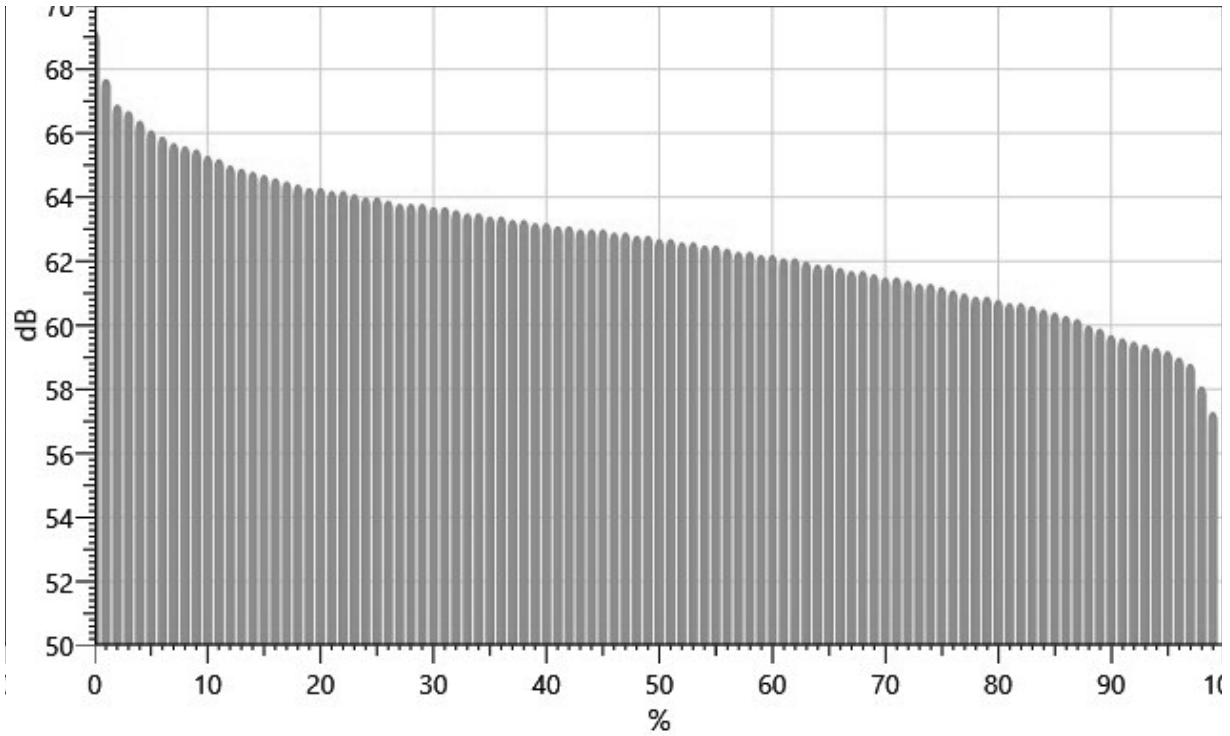
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		69.2	67.7	66.9	66.7	66.4	66.1	65.9	65.7	65.6
10%:	65.5	65.3	65.2	65.0	64.9	64.8	64.7	64.6	64.5	64.4
20%:	64.3	64.3	64.2	64.2	64.1	64.0	64.0	63.9	63.8	63.8
30%:	63.8	63.7	63.7	63.6	63.5	63.5	63.4	63.4	63.3	63.3
40%:	63.2	63.2	63.1	63.1	63.0	63.0	63.0	62.9	62.9	62.8
50%:	62.8	62.7	62.7	62.6	62.6	62.5	62.5	62.4	62.3	62.3
60%:	62.2	62.2	62.1	62.1	62.0	61.9	61.9	61.8	61.7	61.7
70%:	61.6	61.5	61.5	61.4	61.3	61.3	61.2	61.1	61.0	60.9
80%:	60.9	60.8	60.7	60.7	60.6	60.5	60.4	60.3	60.2	60.0
90%:	59.9	59.7	59.6	59.5	59.4	59.3	59.2	59.0	58.8	58.1

100%: 57.3

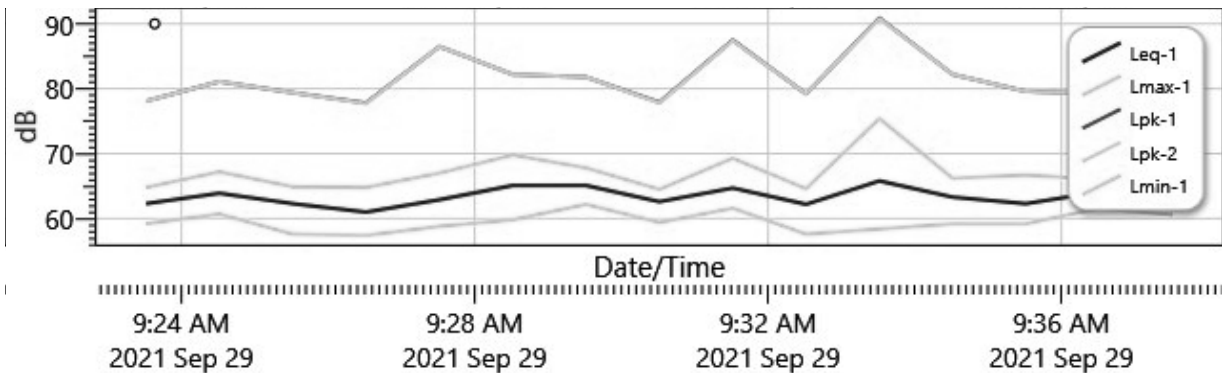
Exceedance Chart

S357_BIF030001_29092021_220447: Exceedance Chart



Logged Data Chart

S357_BIF030001_29092021_220447: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 9:23:31 AM	62.3	64.8	59.2	78.1
9:24:31 AM	63.9	67.2	60.7	81.1
9:25:31 AM	62.3	64.9	57.6	79.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:26:31 AM	61	64.8	57.4	77.8
9:27:31 AM	62.9	67	58.8	86.5
9:28:31 AM	65.1	69.8	59.8	82.2
9:29:31 AM	65.1	67.8	62.2	81.8
9:30:31 AM	62.6	64.5	59.4	77.9
9:31:31 AM	64.7	69.3	61.6	87.5
9:32:31 AM	62.2	64.6	57.6	79.2
9:33:31 AM	65.8	75.4	58.4	90.9
9:34:31 AM	63.3	66.2	59.2	82.2
9:35:31 AM	62.3	66.7	59.2	79.6
9:36:31 AM	64.1	66	61.6	79.2
9:37:31 AM	62.3	64.4	60.6	77.6

Session Report

9/29/2021

Information Panel

Name S032_BIF090005_29092021_193637
Start Time 9/29/2021 10:21:52 AM
Stop Time 9/29/2021 10:36:52 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 Top of simulated wall-9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	79.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

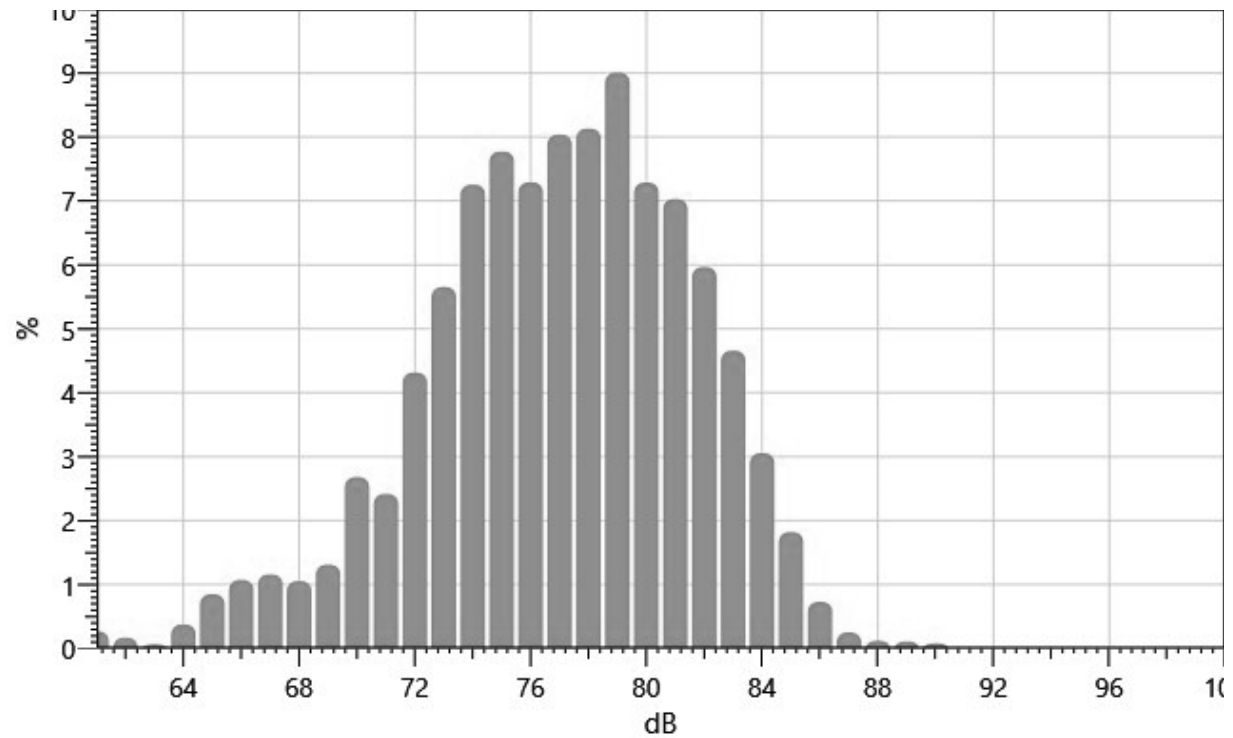
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
61:	0.01	0.04	0.03	0.02	0.02	0.02	0.02	0.04	0.04	0.03	0.27
62:	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.17
63:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06
64:	0.01	0.01	0.03	0.06	0.08	0.04	0.03	0.02	0.04	0.07	0.38
65:	0.03	0.03	0.03	0.04	0.05	0.09	0.13	0.08	0.16	0.21	0.85
66:	0.08	0.06	0.11	0.09	0.07	0.07	0.14	0.12	0.11	0.23	1.07
67:	0.12	0.09	0.12	0.10	0.11	0.11	0.14	0.12	0.12	0.13	1.16
68:	0.13	0.12	0.08	0.13	0.11	0.10	0.10	0.10	0.10	0.10	1.05
69:	0.09	0.10	0.13	0.16	0.10	0.11	0.18	0.09	0.14	0.21	1.31
70:	0.25	0.28	0.25	0.24	0.30	0.34	0.37	0.24	0.21	0.20	2.68
71:	0.23	0.28	0.15	0.23	0.24	0.23	0.28	0.26	0.23	0.28	2.42
72:	0.36	0.32	0.38	0.38	0.50	0.64	0.63	0.39	0.35	0.35	4.31
73:	0.40	0.37	0.46	0.41	0.49	0.49	0.57	0.82	0.82	0.82	5.65
74:	0.85	0.82	0.48	0.72	0.70	0.67	0.65	0.74	0.86	0.75	7.26

75:	0.74	0.77	0.86	0.75	0.79	0.72	0.78	0.89	0.80	0.68	7.77
76:	0.63	0.80	0.66	0.67	0.68	0.72	0.68	0.74	0.86	0.85	7.29
77:	0.96	0.82	0.50	0.84	1.00	0.81	0.78	0.74	0.80	0.78	8.04
78:	0.91	0.82	0.78	0.73	0.77	0.71	0.79	1.00	0.88	0.74	8.13
79:	0.87	0.85	0.87	0.96	0.95	1.03	0.95	0.96	0.82	0.75	9.01
80:	0.89	0.99	0.57	0.78	0.69	0.69	0.62	0.71	0.67	0.65	7.29
81:	0.67	0.64	0.61	0.72	0.86	0.81	0.73	0.69	0.63	0.68	7.03
82:	0.60	0.57	0.53	0.56	0.63	0.57	0.55	0.52	0.71	0.71	5.97
83:	0.61	0.74	0.52	0.53	0.40	0.35	0.30	0.44	0.40	0.38	4.66
84:	0.35	0.31	0.35	0.33	0.34	0.40	0.27	0.28	0.25	0.15	3.06
85:	0.20	0.21	0.15	0.15	0.15	0.23	0.20	0.26	0.15	0.12	1.82
86:	0.15	0.21	0.11	0.04	0.03	0.03	0.04	0.06	0.02	0.02	0.73
87:	0.02	0.02	0.03	0.04	0.05	0.03	0.01	0.02	0.01	0.02	0.25
88:	0.02	0.01	0.01	0.01	0.02	0.02	0.01	0.00	0.00	0.00	0.12
89:	0.01	0.02	0.01	0.01	0.01	0.02	0.01	0.00	0.01	0.01	0.11
90:	0.01	0.01	0.01	0.01	0.03	0.01	0.01	0.00	0.00	0.00	0.08

Statistics Chart

S032_BIF090005_29092021_193637: Statistics Chart

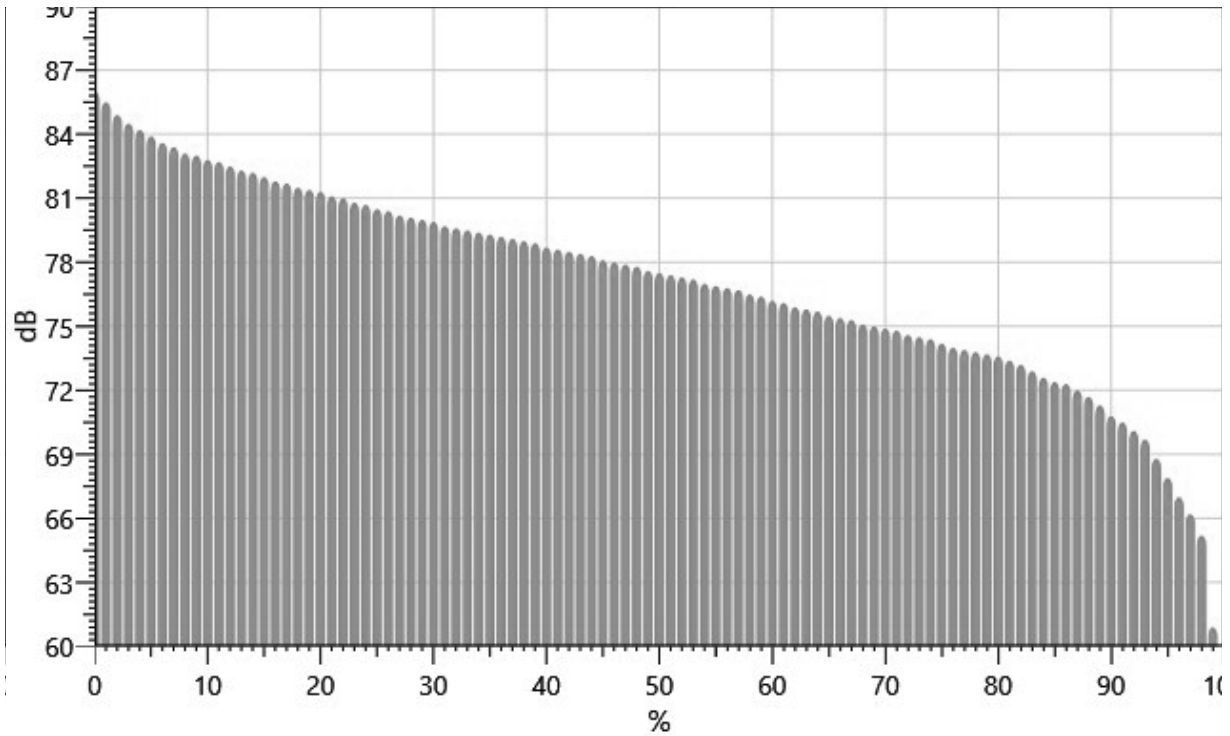


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		86.0	85.5	84.9	84.5	84.2	83.9	83.6	83.4	83.1
10%:	83.0	82.8	82.7	82.5	82.3	82.2	82.0	81.8	81.7	81.5
20%:	81.4	81.3	81.1	81.0	80.8	80.7	80.5	80.4	80.2	80.1
30%:	80.0	79.9	79.7	79.6	79.5	79.4	79.3	79.2	79.1	79.0
40%:	78.9	78.7	78.6	78.5	78.4	78.3	78.1	78.0	77.9	77.8
50%:	77.6	77.5	77.4	77.3	77.2	77.0	76.9	76.8	76.7	76.5
60%:	76.4	76.2	76.1	75.9	75.8	75.7	75.5	75.4	75.3	75.1
70%:	75.0	74.9	74.8	74.6	74.5	74.4	74.2	74.0	73.9	73.8
80%:	73.7	73.6	73.4	73.2	72.9	72.6	72.4	72.3	72.0	71.7
90%:	71.3	70.8	70.5	70.1	69.7	68.8	67.9	67.0	66.2	65.2
100%:	60.9									

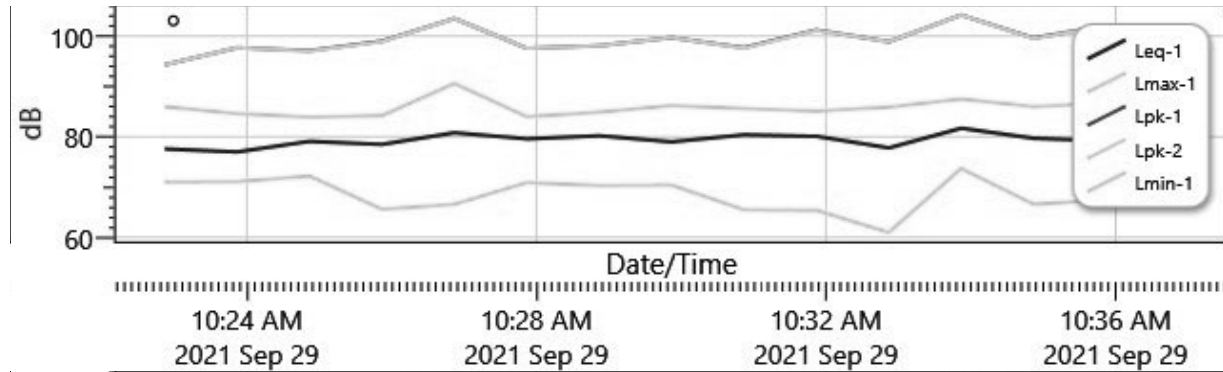
Exceedance Chart

S032_BIF090005_29092021_193637: Exceedance Chart



Logged Data Chart

S032_BIF090005_29092021_193637: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 10:22:52 AM	77.6	86	71	94.3
10:23:52 AM	77	84.6	71.1	97.7
10:24:52 AM	79.1	83.9	72.2	97.1
10:25:52 AM	78.5	84.2	65.6	99
10:26:52 AM	80.8	90.6	66.6	103.5
10:27:52 AM	79.6	84	70.9	97.6
10:28:52 AM	80.2	84.9	70.3	98.1
10:29:52 AM	79	86.2	70.4	99.7
10:30:52 AM	80.4	85.6	65.5	97.7
10:31:52 AM	80.1	85.1	65.4	101.2
10:32:52 AM	77.8	85.9	61	98.9
10:33:52 AM	81.7	87.5	73.7	104.2
10:34:52 AM	79.7	86	66.6	99.6
10:35:52 AM	79.2	86.7	67.5	102.1
10:36:52 AM	79.7	86	66.7	101.8

Session Report

9/30/2021

Information Panel

Name S032_BIF090003_29092021_202249
Start Time 9/29/2021 10:22:04 AM
Stop Time 9/29/2021 10:37:04 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5ft. from simulated wall 9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	73.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

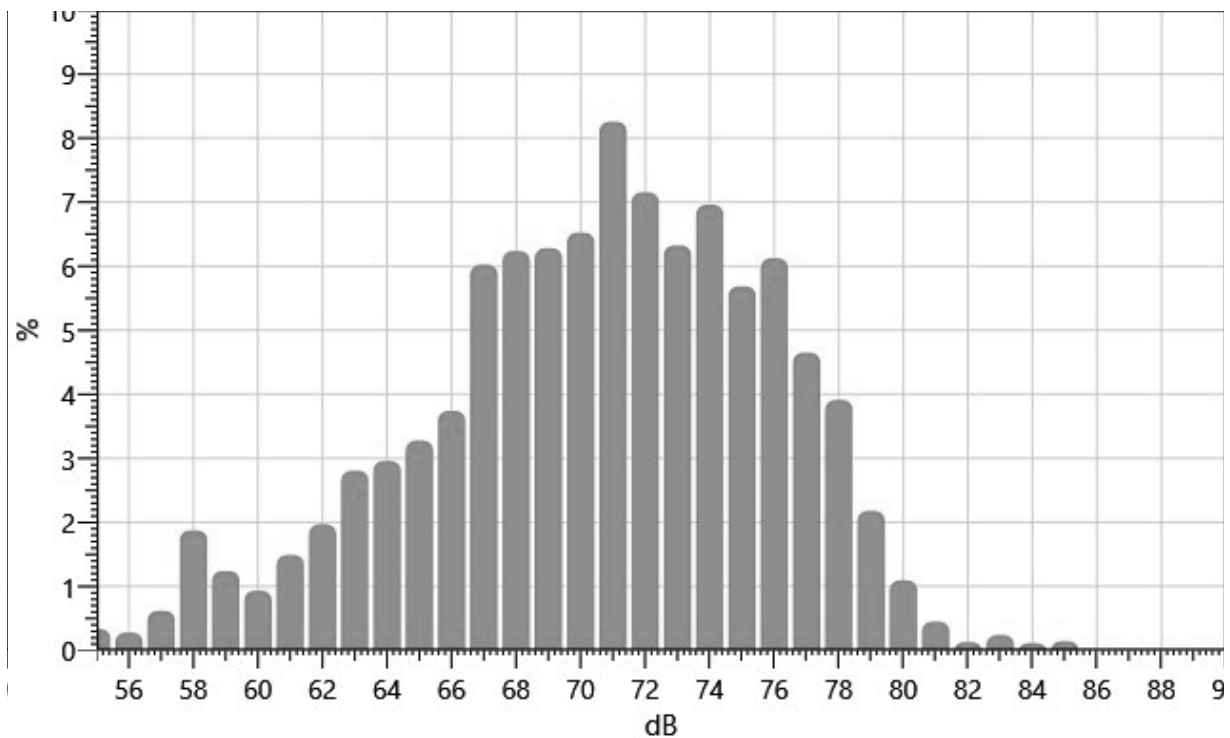
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.05	0.10	0.05	0.06	0.04	0.03	0.33
56:	0.03	0.03	0.04	0.03	0.02	0.02	0.03	0.03	0.02	0.02	0.28
57:	0.09	0.08	0.04	0.03	0.02	0.02	0.03	0.05	0.15	0.13	0.62
58:	0.24	0.27	0.29	0.15	0.18	0.20	0.15	0.14	0.14	0.12	1.88
59:	0.14	0.09	0.12	0.13	0.18	0.12	0.12	0.14	0.11	0.10	1.24
60:	0.10	0.10	0.08	0.07	0.06	0.09	0.12	0.11	0.11	0.09	0.93
61:	0.15	0.14	0.16	0.14	0.15	0.13	0.14	0.15	0.16	0.17	1.49
62:	0.19	0.14	0.16	0.18	0.18	0.17	0.22	0.28	0.23	0.22	1.97
63:	0.19	0.37	0.27	0.28	0.27	0.33	0.29	0.27	0.28	0.25	2.81
64:	0.25	0.23	0.30	0.28	0.23	0.34	0.35	0.34	0.33	0.32	2.96
65:	0.43	0.35	0.20	0.31	0.30	0.35	0.35	0.28	0.35	0.36	3.28
66:	0.38	0.30	0.35	0.35	0.36	0.36	0.43	0.38	0.37	0.47	3.74
67:	0.44	0.60	0.59	0.54	0.58	0.53	0.65	0.66	0.68	0.75	6.02
68:	0.70	0.67	0.41	0.55	0.68	0.63	0.64	0.61	0.64	0.70	6.24

69:	0.69	0.68	0.68	0.59	0.66	0.70	0.59	0.57	0.53	0.59	6.28
70:	0.61	0.61	0.60	0.70	0.66	0.58	0.61	0.62	0.74	0.81	6.52
71:	0.86	0.93	0.54	0.80	0.84	0.91	0.91	0.84	0.82	0.82	8.26
72:	0.86	0.74	0.71	0.66	0.69	0.66	0.68	0.69	0.86	0.60	7.15
73:	0.63	0.64	0.59	0.56	0.68	0.61	0.66	0.62	0.62	0.71	6.32
74:	0.66	0.75	0.49	0.66	0.69	0.70	0.69	0.77	0.77	0.77	6.96
75:	0.67	0.74	0.63	0.54	0.51	0.56	0.54	0.52	0.47	0.52	5.69
76:	0.59	0.60	0.67	0.59	0.61	0.61	0.73	0.62	0.55	0.56	6.13
77:	0.63	0.60	0.31	0.42	0.51	0.44	0.46	0.41	0.43	0.44	4.65
78:	0.52	0.44	0.47	0.44	0.41	0.36	0.34	0.30	0.33	0.30	3.91
79:	0.28	0.33	0.23	0.22	0.22	0.27	0.19	0.12	0.16	0.15	2.18
80:	0.23	0.22	0.10	0.10	0.11	0.07	0.06	0.06	0.07	0.08	1.09
81:	0.10	0.05	0.04	0.04	0.05	0.07	0.04	0.03	0.01	0.01	0.45
82:	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.13
83:	0.02	0.03	0.02	0.05	0.03	0.01	0.02	0.02	0.02	0.03	0.24
84:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.11
85:	0.02	0.03	0.02	0.01	0.02	0.01	0.02	0.00	0.01	0.00	0.14

Statistics Chart

S032_BIF090003_29092021_202249: Statistics Chart

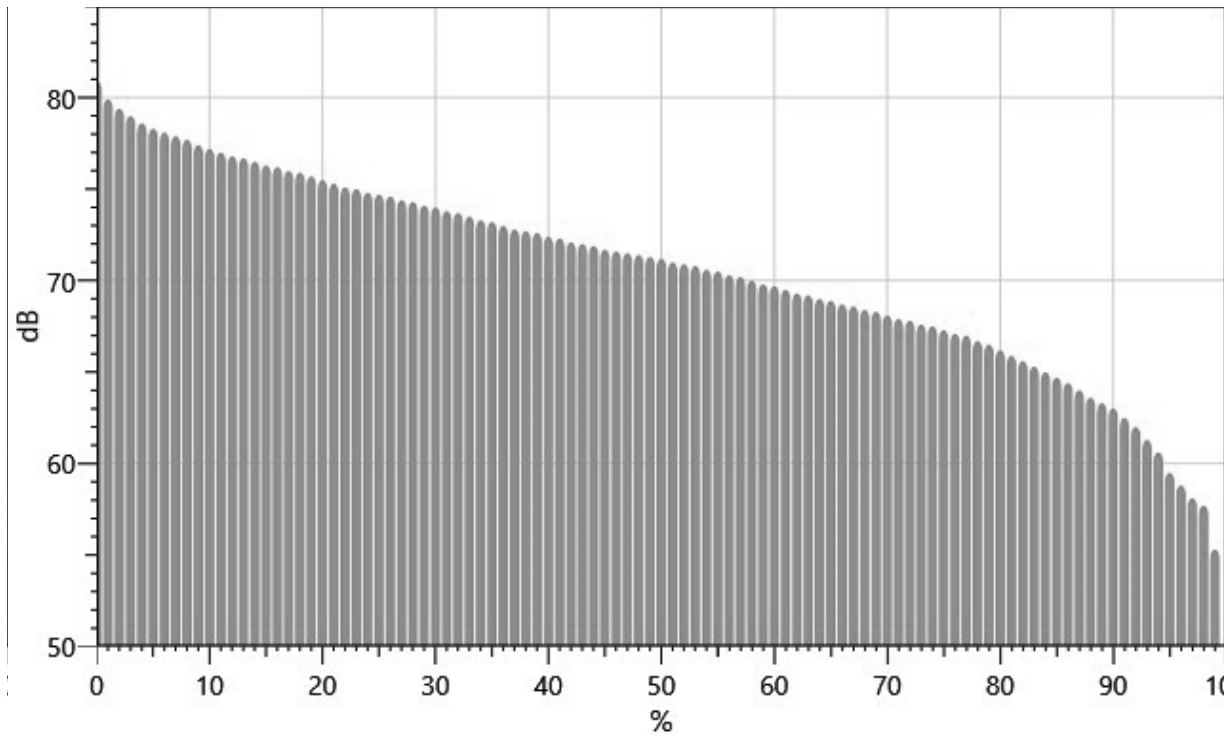


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		80.9	79.9	79.4	79.0	78.6	78.3	78.1	77.9	77.7
10%:	77.4	77.2	77.0	76.8	76.7	76.5	76.3	76.2	76.0	75.9
20%:	75.7	75.5	75.3	75.1	75.0	74.8	74.7	74.6	74.4	74.3
30%:	74.1	74.0	73.8	73.7	73.5	73.3	73.2	73.0	72.8	72.7
40%:	72.6	72.4	72.3	72.1	72.0	71.9	71.7	71.6	71.5	71.4
50%:	71.3	71.2	71.0	70.9	70.8	70.6	70.5	70.3	70.2	70.0
60%:	69.8	69.7	69.5	69.3	69.2	69.0	68.9	68.7	68.6	68.4
70%:	68.3	68.1	67.9	67.8	67.6	67.5	67.3	67.1	67.0	66.7
80%:	66.5	66.2	65.9	65.6	65.3	65.0	64.7	64.4	64.0	63.6
90%:	63.3	63.0	62.5	62.0	61.3	60.6	59.5	58.8	58.1	57.7
100%:	55.3									

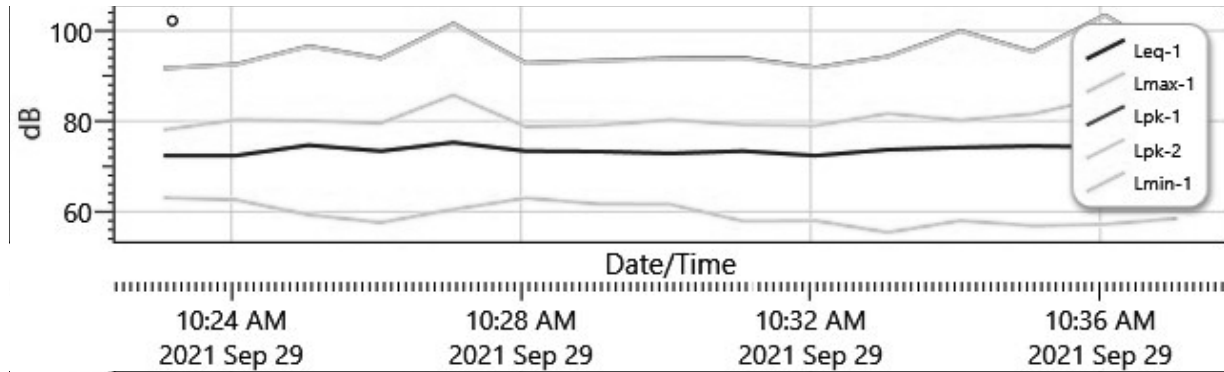
Exceedance Chart

S032_BIF090003_29092021_202249: Exceedance Chart



Logged Data Chart

S032_BIF090003_29092021_202249: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 10:23:04 AM	72.4	78.1	63.1	91.7
10:24:04 AM	72.4	80.3	62.6	92.6
10:25:04 AM	74.7	80.1	59.3	96.6
10:26:04 AM	73.4	79.6	57.6	93.9
10:27:04 AM	75.3	85.8	60.5	101.6
10:28:04 AM	73.4	78.8	63	92.9
10:29:04 AM	73.3	79.1	61.7	93.4
10:30:04 AM	72.9	80.3	61.6	93.9
10:31:04 AM	73.4	79.2	57.9	94
10:32:04 AM	72.4	79	58	91.9
10:33:04 AM	73.7	81.7	55.4	94.3
10:34:04 AM	74.2	80.2	58	100
10:35:04 AM	74.5	81.6	56.9	95.4
10:36:04 AM	74.3	85.2	57.2	103.5
10:37:04 AM	74.4	79.3	58.5	94

Session Report

9/30/2021

Information Panel

Name S059_BIG080015_29092021_205936
Start Time 9/29/2021 10:21:52 AM
Stop Time 9/29/2021 10:36:52 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from simulsted wall 9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	67.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

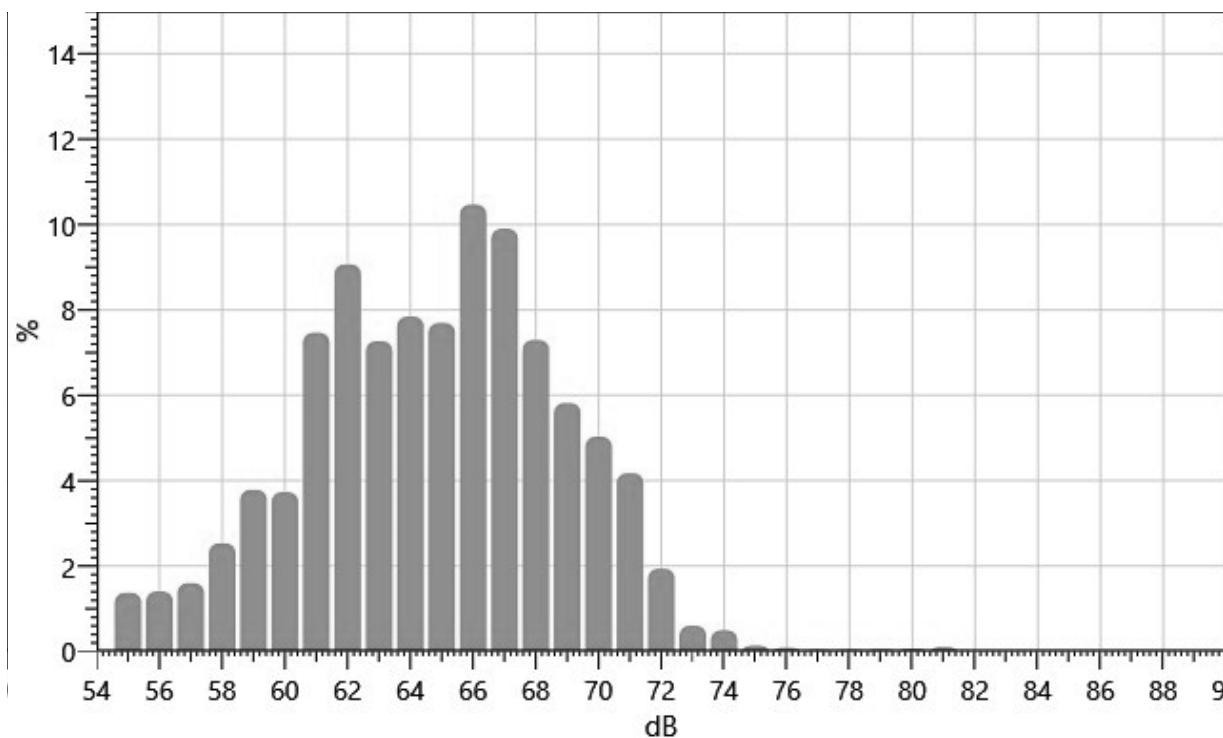
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
54:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55:	0.03	0.03	0.08	0.07	0.14	0.23	0.19	0.28	0.18	0.15	1.37
56:	0.16	0.11	0.18	0.13	0.11	0.11	0.10	0.18	0.20	0.13	1.41
57:	0.13	0.09	0.09	0.23	0.30	0.17	0.16	0.16	0.13	0.14	1.60
58:	0.12	0.17	0.24	0.27	0.21	0.19	0.26	0.53	0.33	0.20	2.53
59:	0.36	0.22	0.30	0.35	0.24	0.29	0.41	0.61	0.53	0.47	3.78
60:	0.58	0.48	0.41	0.35	0.34	0.36	0.29	0.26	0.29	0.38	3.73
61:	0.44	0.65	0.61	0.77	0.80	0.91	0.81	0.75	0.84	0.88	7.46
62:	0.97	0.69	0.62	1.01	0.84	0.95	0.87	0.96	1.11	1.05	9.07
63:	0.89	0.66	0.75	0.70	0.85	0.73	0.64	0.69	0.66	0.69	7.27
64:	0.76	0.80	0.93	0.94	0.80	0.74	0.63	0.79	0.71	0.73	7.84
65:	0.83	0.69	0.69	0.85	0.67	0.76	0.85	0.83	0.73	0.79	7.69
66:	0.96	1.02	0.92	1.17	1.11	0.99	1.08	1.02	1.13	1.05	10.47
67:	0.98	1.03	1.02	1.05	1.09	1.00	0.80	0.88	0.92	1.13	9.90

68:	1.00	1.03	0.52	0.69	0.80	0.74	0.64	0.65	0.62	0.61	7.30
69:	0.61	0.63	0.60	0.61	0.49	0.56	0.59	0.54	0.60	0.59	5.82
70:	0.52	0.42	0.41	0.38	0.46	0.53	0.49	0.50	0.62	0.71	5.03
71:	0.59	0.63	0.30	0.52	0.39	0.38	0.37	0.40	0.34	0.26	4.18
72:	0.20	0.18	0.20	0.18	0.27	0.24	0.21	0.16	0.19	0.13	1.94
73:	0.08	0.06	0.06	0.08	0.06	0.06	0.06	0.04	0.03	0.06	0.60
74:	0.09	0.13	0.04	0.06	0.09	0.03	0.01	0.01	0.01	0.02	0.49
75:	0.02	0.02	0.02	0.01	0.02	0.02	0.01	0.01	0.02	0.01	0.14
76:	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.00	0.01	0.08
77:	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.04
78:	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.04
79:	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.05
80:	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.06
81:	0.01	0.01	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.00	0.10

Statistics Chart

S059_BIG080015_29092021_205936: Statistics Chart



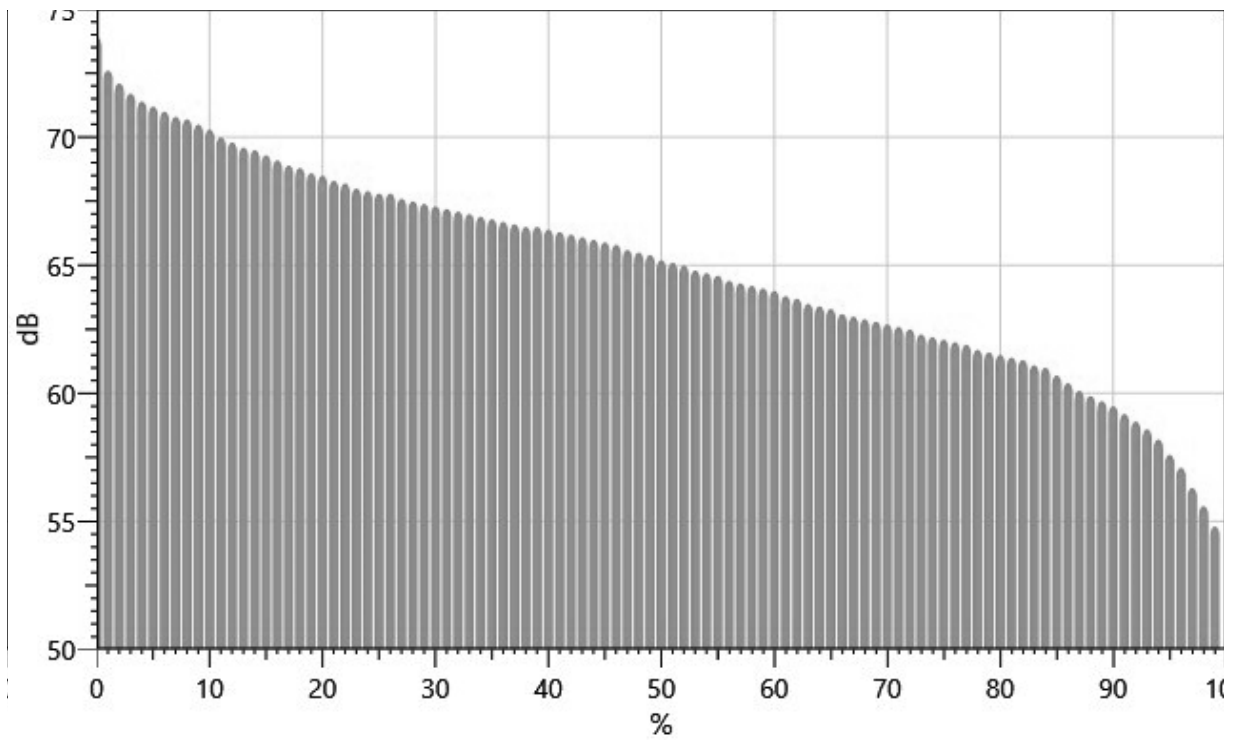
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		73.9	72.6	72.1	71.7	71.4	71.2	71.0	70.8	70.7

10%:	70.5	70.3	70.0	69.8	69.6	69.5	69.3	69.1	68.9	68.8
20%:	68.6	68.5	68.3	68.2	68.0	67.9	67.8	67.8	67.6	67.5
30%:	67.4	67.3	67.2	67.1	67.0	66.9	66.8	66.7	66.6	66.5
40%:	66.5	66.4	66.3	66.2	66.1	66.0	65.9	65.8	65.6	65.5
50%:	65.4	65.2	65.1	65.0	64.8	64.7	64.6	64.4	64.3	64.2
60%:	64.1	64.0	63.8	63.7	63.5	63.4	63.3	63.1	63.0	62.9
70%:	62.8	62.7	62.6	62.5	62.3	62.2	62.1	62.0	61.9	61.7
80%:	61.6	61.5	61.4	61.3	61.1	61.0	60.7	60.4	60.1	59.9
90%:	59.7	59.5	59.2	58.9	58.6	58.2	57.6	57.1	56.3	55.6
100%:	54.8									

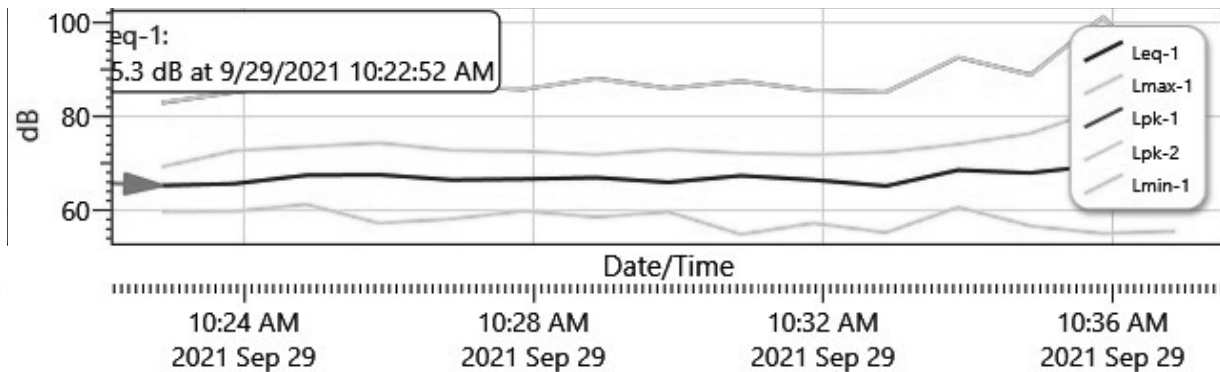
Exceedance Chart

S059_BIG080015_29092021_205936: Exceedance Chart



Logged Data Chart

S059_BIG080015_29092021_205936: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 10:22:52 AM	65.3	69.3	59.7	82.9
10:23:52 AM	65.7	72.7	59.8	85.2
10:24:52 AM	67.5	73.6	61.3	87.4
10:25:52 AM	67.6	74.4	57.3	95.8
10:26:52 AM	66.5	72.8	58.2	86.5
10:27:52 AM	66.7	72.6	59.9	85.8
10:28:52 AM	67	71.9	58.6	88.1
10:29:52 AM	66	73	59.7	86
10:30:52 AM	67.4	72.2	54.9	87.5
10:31:52 AM	66.5	71.9	57.3	85.6
10:32:52 AM	65.2	72.4	55.3	85.2
10:33:52 AM	68.6	74.1	60.7	92.6
10:34:52 AM	68	76.4	56.7	88.9
10:35:52 AM	69.7	81.7	55.1	101.2
10:36:52 AM	67.4	72.3	55.6	85.8

Session Report

9/30/2021

Information Panel

Name S014_BIH050001_29092021_213231
Start Time 9/29/2021 10:22:02 AM
Stop Time 9/29/2021 10:37:02 AM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100'ft. from Simulated wall 9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	64.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

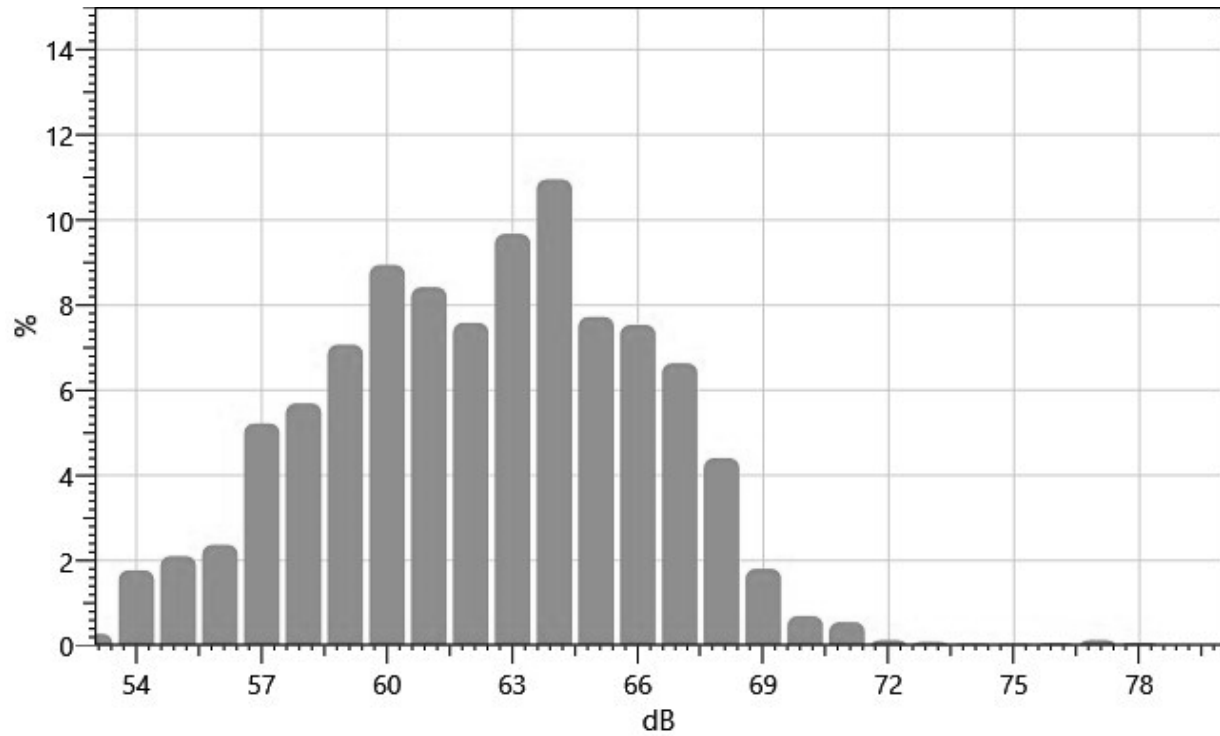
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
53:	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.09	0.07	0.08	0.28
54:	0.05	0.04	0.15	0.18	0.12	0.18	0.26	0.31	0.26	0.23	1.77
55:	0.25	0.20	0.24	0.24	0.15	0.14	0.18	0.32	0.19	0.19	2.10
56:	0.17	0.13	0.24	0.25	0.18	0.23	0.24	0.27	0.36	0.31	2.37
57:	0.32	0.51	0.57	0.84	0.53	0.53	0.53	0.43	0.55	0.40	5.22
58:	0.39	0.45	0.42	0.64	0.59	0.54	0.60	0.64	0.67	0.74	5.69
59:	0.91	0.55	0.77	0.80	0.62	0.66	0.72	0.63	0.55	0.87	7.07
60:	0.96	0.89	0.82	0.91	0.89	0.81	0.87	0.93	0.90	0.97	8.94
61:	0.95	0.89	0.80	0.76	0.66	0.84	0.97	0.77	0.90	0.88	8.42
62:	0.93	0.67	0.68	0.70	0.71	0.63	0.73	0.93	0.86	0.75	7.59
63:	0.67	0.69	0.81	1.05	0.82	0.99	1.13	1.16	1.27	1.09	9.67
64:	1.05	1.07	1.05	1.10	1.03	1.07	1.15	1.20	1.14	1.09	10.95
65:	1.06	0.78	0.73	0.82	0.80	0.72	0.72	0.61	0.61	0.88	7.72
66:	0.88	0.87	0.70	0.78	0.72	0.74	0.61	0.66	0.81	0.76	7.53

67:	0.76	0.66	0.65	0.59	0.66	0.60	0.73	0.59	0.65	0.75	6.63
68:	0.72	0.52	0.31	0.44	0.45	0.41	0.41	0.42	0.44	0.30	4.40
69:	0.28	0.18	0.18	0.28	0.32	0.15	0.11	0.11	0.09	0.11	1.81
70:	0.09	0.10	0.05	0.05	0.07	0.07	0.05	0.05	0.09	0.08	0.70
71:	0.11	0.10	0.07	0.05	0.04	0.03	0.03	0.03	0.03	0.04	0.55
72:	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.13
73:	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.09
74:	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.05
75:	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.04
76:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06
77:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.02	0.01	0.13
78:	0.02	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07

Statistics Chart

S014_BIH050001_29092021_213231: Statistics Chart



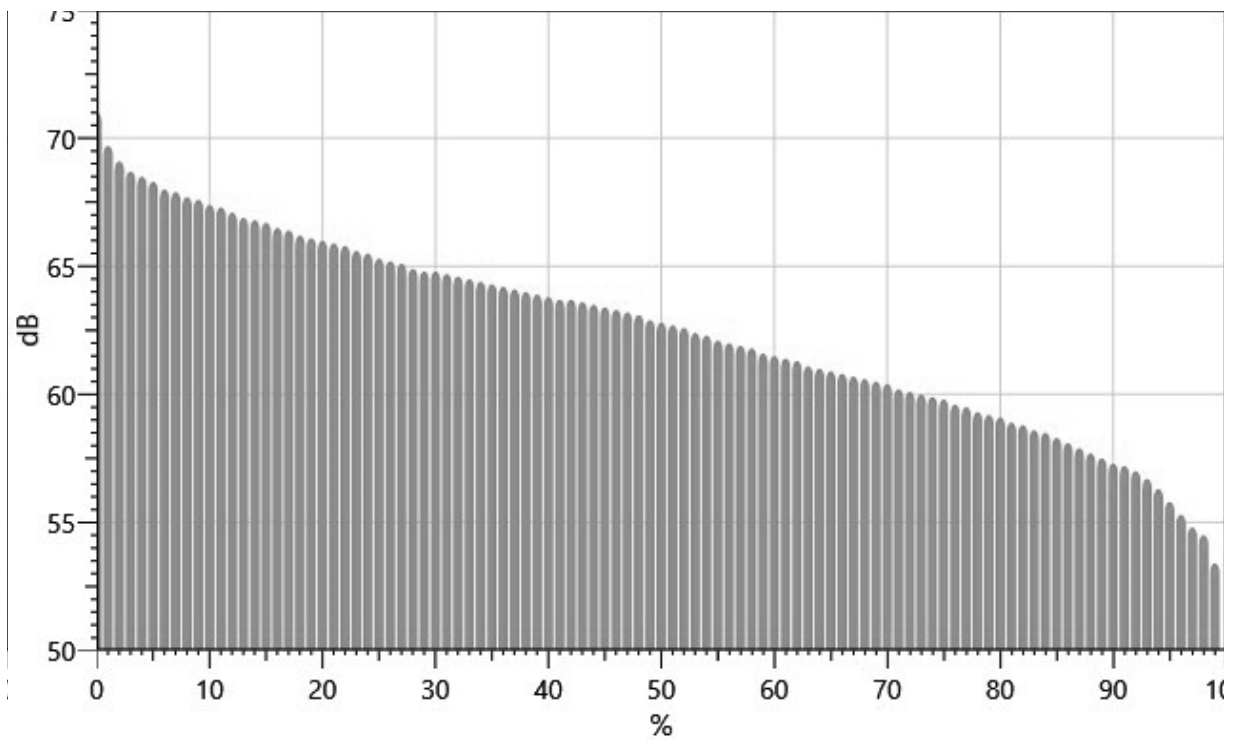
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		71.0	69.7	69.1	68.7	68.5	68.3	68.0	67.9	67.7
10%:	67.6	67.4	67.3	67.1	66.9	66.8	66.7	66.5	66.4	66.2
20%:	66.1	66.0	65.9	65.8	65.6	65.5	65.3	65.2	65.1	64.9

30%:	64.8	64.8	64.7	64.6	64.5	64.4	64.3	64.2	64.1	64.0
40%:	63.9	63.8	63.7	63.7	63.6	63.5	63.4	63.3	63.2	63.1
50%:	62.9	62.8	62.7	62.6	62.4	62.3	62.1	62.0	61.9	61.8
60%:	61.6	61.5	61.4	61.3	61.1	61.0	60.9	60.8	60.7	60.6
70%:	60.5	60.4	60.2	60.1	60.0	59.9	59.8	59.6	59.5	59.3
80%:	59.2	59.1	58.9	58.8	58.6	58.5	58.3	58.1	57.9	57.7
90%:	57.5	57.3	57.2	57.0	56.7	56.3	55.8	55.3	54.8	54.5
100%:	53.4									

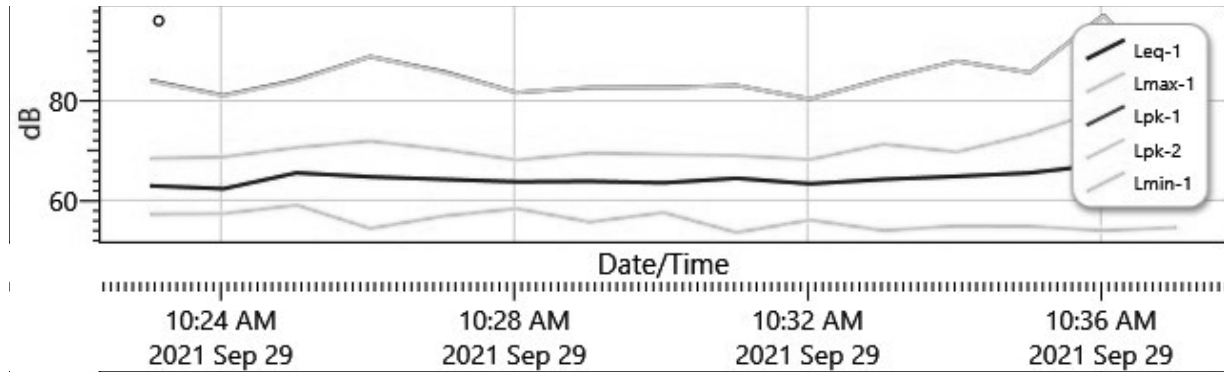
Exceedance Chart

S014_BIH050001_29092021_213231: Exceedance Chart



Logged Data Chart

S014_BIH050001_29092021_213231: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 10:23:02 AM	62.9	68.4	57.2	84.1
10:24:02 AM	62.3	68.7	57.3	81.1
10:25:02 AM	65.5	70.6	59	84.2
10:26:02 AM	64.7	71.9	54.3	88.9
10:27:02 AM	64.2	70.2	56.8	85.9
10:28:02 AM	63.7	68.1	58.3	81.7
10:29:02 AM	63.8	69.5	55.6	82.7
10:30:02 AM	63.5	69.2	57.5	82.7
10:31:02 AM	64.4	69	53.5	83.1
10:32:02 AM	63.3	68.2	56	80.4
10:33:02 AM	64.2	71.3	53.9	84.4
10:34:02 AM	64.8	69.7	54.8	88
10:35:02 AM	65.5	73.3	54.7	85.7
10:36:02 AM	67.2	78.3	53.9	97.3
10:37:02 AM	65.3	70	54.5	82.6

Session Report

9/30/2021

Information Panel

Name S358_BIF030001_29092021_220450
Start Time 9/29/2021 10:22:16 AM
Stop Time 9/29/2021 10:37:16 AM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' from simulated wall 9-29 (1)

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	60.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

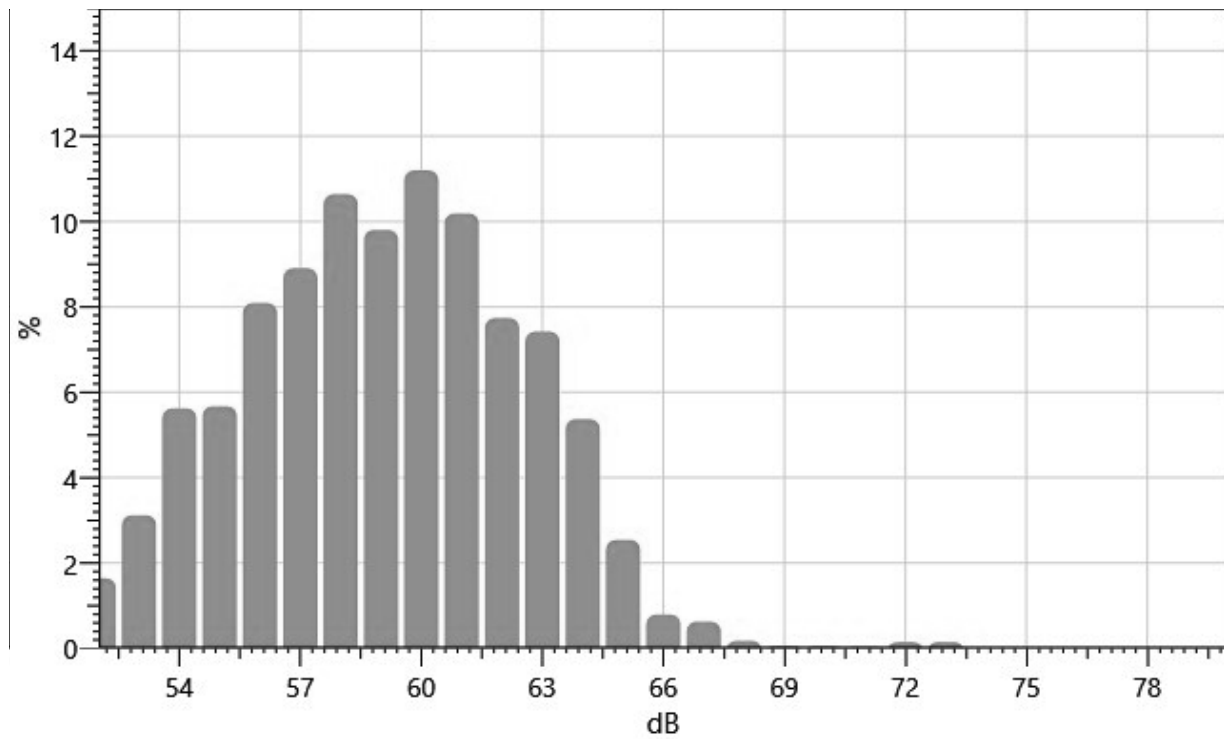
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
52:	0.02	0.05	0.16	0.18	0.20	0.17	0.18	0.20	0.19	0.30	1.64
53:	0.29	0.30	0.19	0.24	0.25	0.30	0.27	0.36	0.40	0.53	3.12
54:	0.74	0.48	0.50	0.60	0.60	0.66	0.60	0.51	0.45	0.47	5.62
55:	0.62	0.54	0.40	0.42	0.43	0.57	0.58	0.73	0.62	0.76	5.67
56:	0.65	0.76	0.65	0.72	0.84	0.77	0.93	0.82	0.77	1.18	8.09
57:	0.87	0.84	0.85	1.01	0.87	0.87	0.74	0.94	0.82	1.10	8.91
58:	1.28	1.16	0.65	1.23	1.16	1.00	1.02	1.04	1.11	0.98	10.64
59:	0.94	1.07	0.96	0.89	0.87	0.95	0.92	1.05	1.10	1.05	9.81
60:	0.95	1.40	1.13	1.09	1.13	1.07	1.10	0.97	1.17	1.19	11.20
61:	1.18	1.31	0.78	0.90	1.07	1.05	0.97	0.95	0.99	0.99	10.19
62:	0.91	0.90	0.82	0.74	0.74	0.68	0.73	0.76	0.65	0.81	7.74
63:	0.78	0.64	0.69	0.76	0.77	0.64	0.65	0.72	0.98	0.79	7.42
64:	0.81	0.76	0.47	0.62	0.63	0.56	0.47	0.32	0.36	0.37	5.37
65:	0.40	0.42	0.43	0.33	0.38	0.25	0.11	0.06	0.08	0.09	2.54

66:	0.06	0.05	0.05	0.06	0.09	0.06	0.07	0.12	0.13	0.10	0.79
67:	0.14	0.12	0.09	0.05	0.06	0.03	0.03	0.02	0.04	0.05	0.63
68:	0.04	0.02	0.02	0.02	0.02	0.03	0.01	0.01	0.01	0.01	0.18
69:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05
70:	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.05
71:	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.04
72:	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.04	0.15
73:	0.03	0.02	0.01	0.03	0.02	0.02	0.01	0.00	0.00	0.00	0.15

Statistics Chart

S358_BIF030001_29092021_220450: Statistics Chart



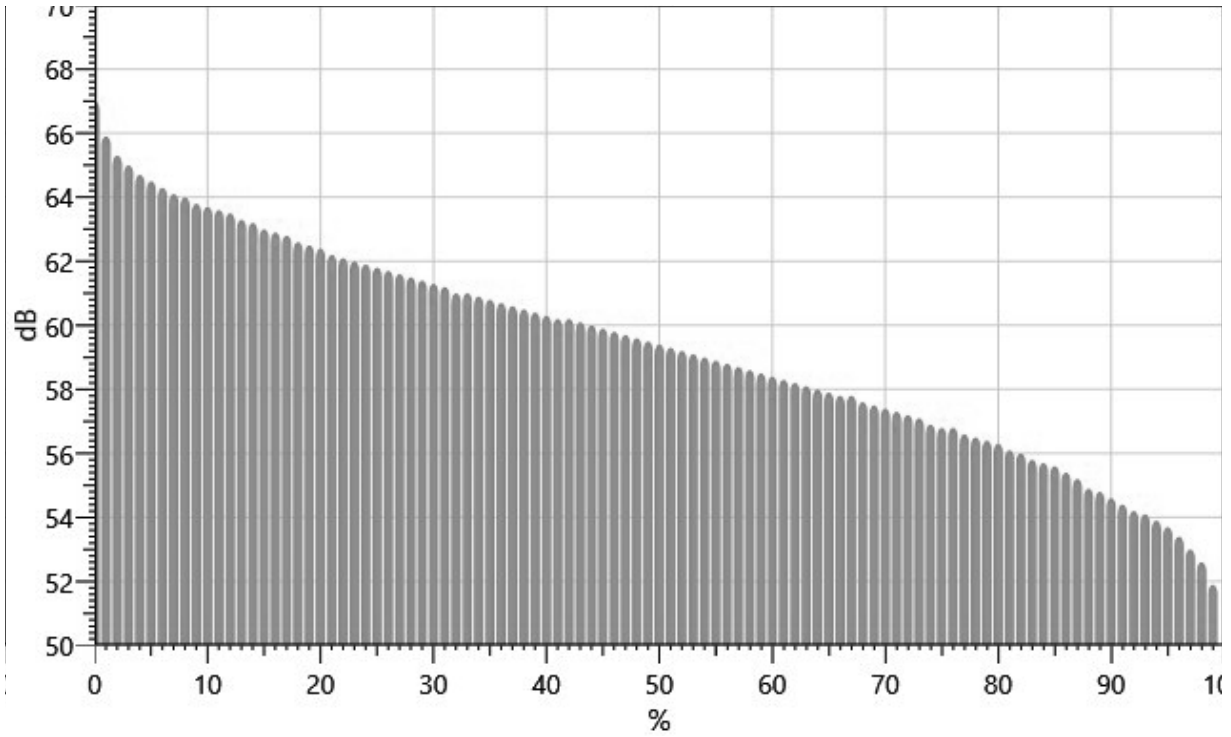
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		67.0	65.9	65.3	65.0	64.7	64.5	64.3	64.1	64.0
10%:	63.8	63.7	63.6	63.5	63.3	63.2	63.0	62.9	62.8	62.6
20%:	62.5	62.4	62.2	62.1	62.0	61.9	61.8	61.7	61.6	61.5
30%:	61.4	61.3	61.2	61.0	61.0	60.9	60.8	60.7	60.6	60.5
40%:	60.4	60.3	60.2	60.2	60.1	60.0	59.9	59.8	59.7	59.6
50%:	59.5	59.4	59.3	59.2	59.1	59.0	58.9	58.8	58.7	58.6
60%:	58.5	58.4	58.3	58.2	58.1	58.0	57.9	57.8	57.8	57.6

70%:	57.5	57.4	57.3	57.2	57.1	56.9	56.8	56.8	56.6	56.5
80%:	56.4	56.3	56.1	56.0	55.8	55.7	55.6	55.4	55.2	54.9
90%:	54.8	54.6	54.4	54.2	54.1	53.9	53.7	53.4	53.0	52.6
100%:	51.9									

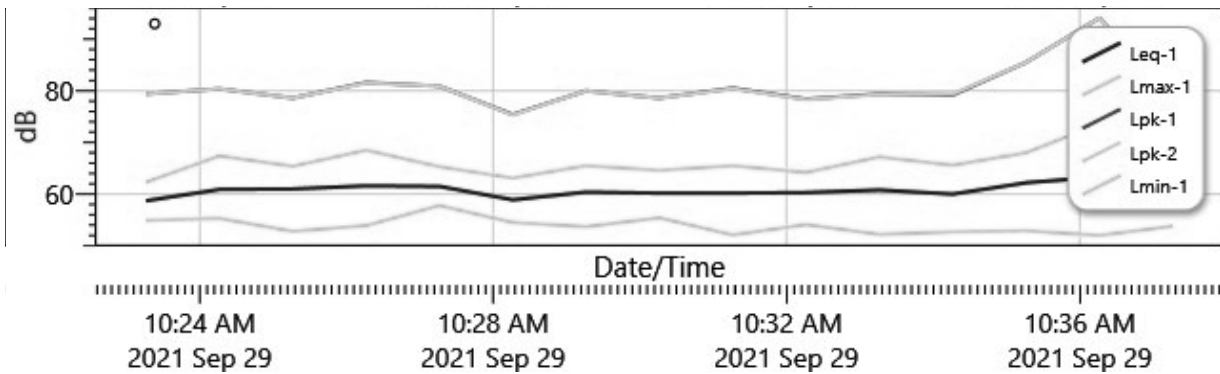
Exceedance Chart

S358_BIF030001_29092021_220450: Exceedance Chart



Logged Data Chart

S358_BIF030001_29092021_220450: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
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Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 10:23:16 AM	58.7	62.3	54.9	79.4
10:24:16 AM	60.9	67.4	55.3	80.4
10:25:16 AM	61	65.4	52.8	78.6
10:26:16 AM	61.6	68.5	53.9	81.6
10:27:16 AM	61.5	65.3	57.8	80.9
10:28:16 AM	58.9	63.1	54.5	75.4
10:29:16 AM	60.4	65.5	53.7	80
10:30:16 AM	60.2	64.6	55.4	78.6
10:31:16 AM	60.2	65.5	52.1	80.5
10:32:16 AM	60.3	64.2	54.1	78.4
10:33:16 AM	60.8	67.2	52.2	79.4
10:34:16 AM	60	65.6	52.7	79.2
10:35:16 AM	62.2	68	52.9	85.5
10:36:16 AM	63.3	73.6	52	94.1
10:37:16 AM	62.2	66	53.8	78.8

Session Report

9/29/2021

Information Panel

Name S033_BIF090005_29092021_193638
Start Time 9/29/2021 11:21:17 AM
Stop Time 9/29/2021 11:36:17 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 Top of existing concrete wall -9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	81.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

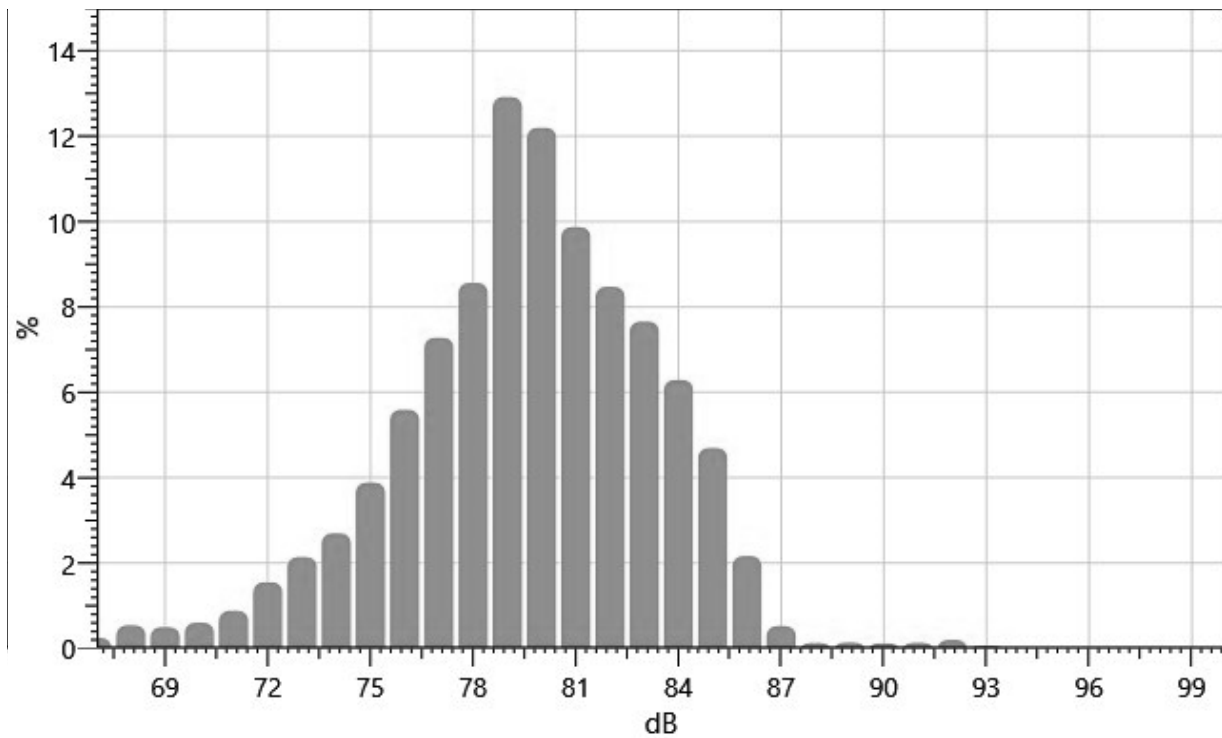
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
67:	0.00	0.00	0.00	0.03	0.06	0.05	0.02	0.02	0.02	0.04	0.25
68:	0.03	0.06	0.05	0.09	0.08	0.07	0.03	0.05	0.04	0.03	0.54
69:	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.19	0.06	0.05	0.50
70:	0.06	0.03	0.03	0.04	0.03	0.04	0.04	0.09	0.11	0.14	0.60
71:	0.09	0.12	0.07	0.06	0.09	0.08	0.06	0.06	0.15	0.11	0.88
72:	0.08	0.09	0.13	0.12	0.12	0.19	0.26	0.22	0.17	0.16	1.55
73:	0.20	0.17	0.23	0.16	0.16	0.17	0.18	0.29	0.28	0.30	2.14
74:	0.19	0.21	0.13	0.31	0.30	0.29	0.28	0.34	0.35	0.30	2.69
75:	0.34	0.40	0.44	0.34	0.41	0.46	0.41	0.35	0.37	0.36	3.88
76:	0.42	0.59	0.44	0.38	0.54	0.55	0.52	0.53	0.62	1.00	5.59
77:	0.95	0.75	0.44	0.59	0.70	0.70	0.69	0.81	0.76	0.89	7.27
78:	0.77	0.60	0.75	0.72	0.83	1.00	0.86	0.85	0.99	1.18	8.56
79:	1.16	1.20	1.20	1.03	1.11	1.37	1.51	1.44	1.51	1.38	12.92
80:	1.35	1.51	0.95	1.31	1.27	1.16	1.28	1.22	1.02	1.13	12.20

81:	1.30	0.99	1.09	0.92	0.97	0.86	1.06	0.92	0.87	0.91	9.87
82:	0.81	0.72	0.71	0.85	0.88	0.89	0.81	0.80	1.01	0.99	8.47
83:	0.98	0.91	0.54	0.80	0.89	0.72	0.66	0.69	0.68	0.81	7.65
84:	0.66	0.55	0.66	0.63	0.67	0.65	0.68	0.55	0.64	0.62	6.29
85:	0.53	0.48	0.44	0.47	0.46	0.41	0.52	0.45	0.40	0.54	4.69
86:	0.49	0.36	0.20	0.17	0.19	0.18	0.16	0.13	0.21	0.08	2.16
87:	0.05	0.06	0.07	0.09	0.07	0.10	0.05	0.01	0.01	0.01	0.52
88:	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.13
89:	0.01	0.02	0.01	0.01	0.02	0.01	0.02	0.02	0.01	0.02	0.14
90:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.12
91:	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.01	0.13
92:	0.02	0.02	0.02	0.01	0.02	0.01	0.02	0.03	0.04	0.01	0.20
93:	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.06

Statistics Chart

S033_BIF090005_29092021_193638: Statistics Chart



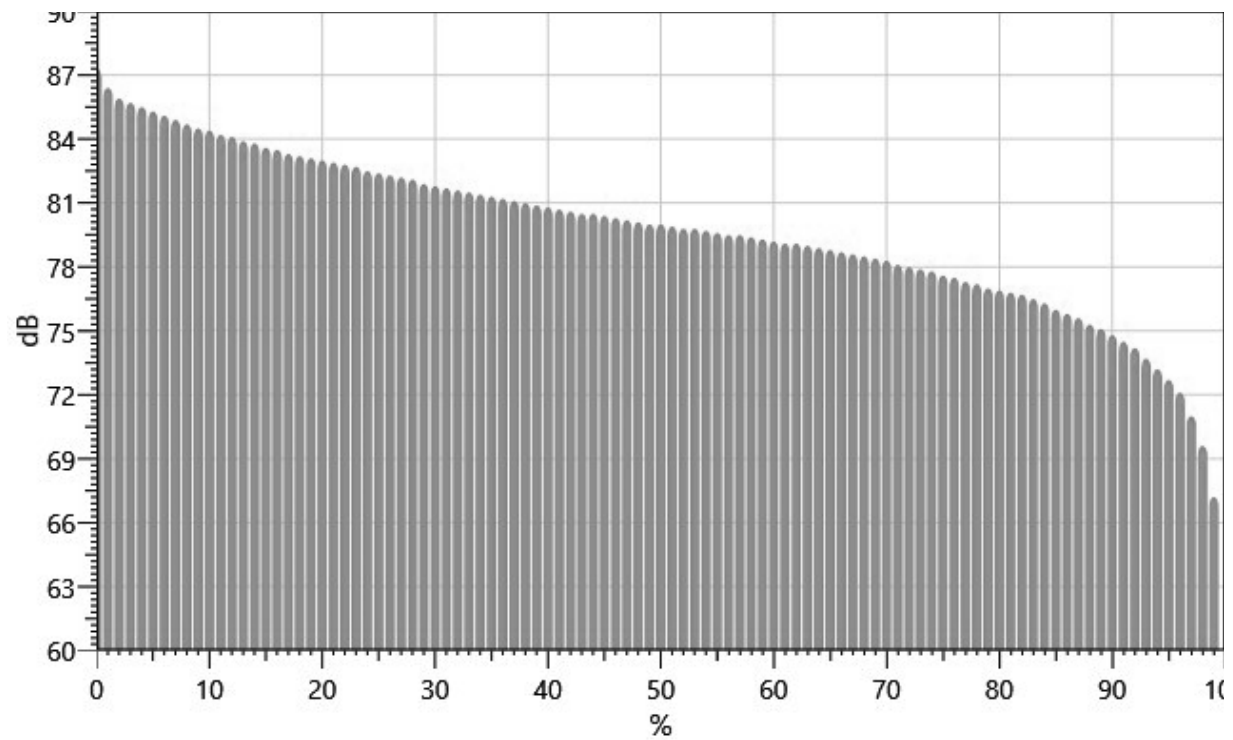
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		87.3	86.4	85.9	85.7	85.5	85.3	85.1	84.9	84.7
10%:	84.5	84.4	84.2	84.1	83.9	83.8	83.6	83.5	83.3	83.2

20%:	83.1	83.0	82.9	82.8	82.7	82.5	82.4	82.3	82.2	82.1
30%:	81.9	81.8	81.7	81.6	81.5	81.4	81.3	81.2	81.1	81.0
40%:	80.9	80.8	80.7	80.6	80.5	80.5	80.4	80.3	80.2	80.1
50%:	80.0	80.0	79.9	79.8	79.8	79.7	79.6	79.5	79.5	79.4
60%:	79.3	79.2	79.1	79.1	79.0	78.9	78.8	78.7	78.6	78.5
70%:	78.4	78.3	78.1	78.0	77.9	77.8	77.6	77.5	77.3	77.2
80%:	77.0	76.9	76.8	76.7	76.5	76.3	76.0	75.8	75.6	75.3
90%:	75.1	74.8	74.5	74.2	73.7	73.2	72.7	72.1	71.0	69.6
100%:	67.2									

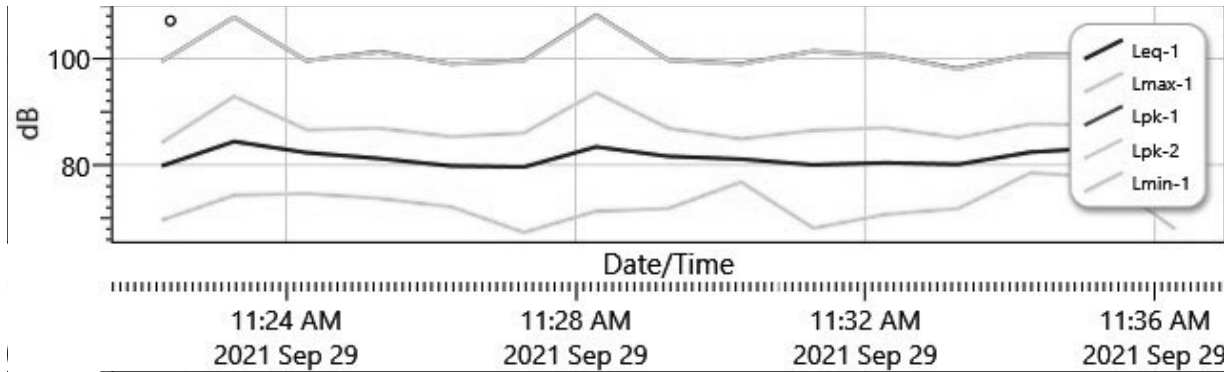
Exceedance Chart

S033_BIF090005_29092021_193638: Exceedance Chart



Logged Data Chart

S033_BIF090005_29092021_193638: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 11:22:17 AM	79.8	84.2	69.6	99.5
11:23:17 AM	84.4	92.9	74.3	107.8
11:24:17 AM	82.3	86.6	74.6	99.6
11:25:17 AM	81.2	86.9	73.7	101.3
11:26:17 AM	79.8	85.3	72.1	99
11:27:17 AM	79.6	86	67.3	99.6
11:28:17 AM	83.4	93.6	71.3	108.2
11:29:17 AM	81.6	86.9	71.8	99.7
11:30:17 AM	81.1	84.9	76.8	99
11:31:17 AM	80	86.5	68.1	101.4
11:32:17 AM	80.4	87	70.7	100.6
11:33:17 AM	80.1	85.1	71.8	98.1
11:34:17 AM	82.4	87.7	78.5	100.8
11:35:17 AM	83.2	87.5	77.7	100.9
11:36:17 AM	79.5	86.2	67.9	105

Session Report

9/30/2021

Information Panel

Name S033_BIF090003_29092021_202251
Start Time 9/29/2021 11:21:50 AM
Stop Time 9/29/2021 11:36:50 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5ft from Existing Concrete wall 9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	64.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

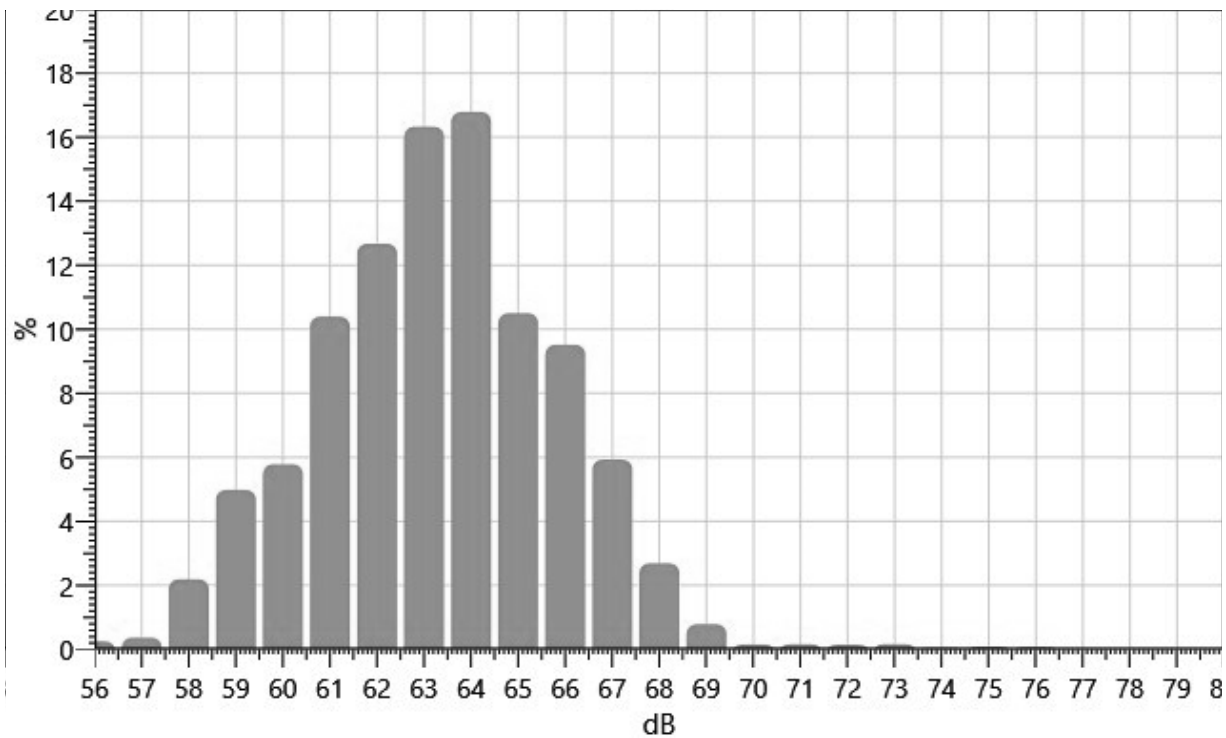
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.16	0.25
57:	0.05	0.08	0.02	0.05	0.03	0.02	0.03	0.02	0.03	0.03	0.36
58:	0.02	0.03	0.07	0.24	0.30	0.26	0.31	0.16	0.32	0.48	2.19
59:	0.36	0.36	0.62	0.55	0.37	0.51	0.55	0.60	0.57	0.48	4.98
60:	0.57	0.52	0.58	0.51	0.48	0.48	0.52	0.63	0.70	0.79	5.78
61:	0.85	0.87	1.09	1.10	1.05	1.12	1.09	1.04	1.10	1.11	10.39
62:	1.35	1.06	1.16	1.49	1.11	1.20	1.35	1.45	1.24	1.27	12.67
63:	1.37	1.52	1.30	1.49	1.33	1.60	2.04	1.96	1.77	1.94	16.32
64:	1.88	1.96	1.84	1.88	1.77	1.54	1.52	1.63	1.42	1.36	16.79
65:	1.25	1.13	1.02	1.16	1.00	1.11	1.01	0.93	0.97	0.93	10.50
66:	0.94	0.95	1.00	0.93	0.90	1.16	0.99	0.93	0.84	0.87	9.52
67:	0.82	0.81	0.83	0.58	0.57	0.58	0.57	0.43	0.39	0.34	5.93
68:	0.34	0.34	0.22	0.30	0.35	0.34	0.29	0.25	0.13	0.12	2.69
69:	0.23	0.18	0.09	0.09	0.09	0.03	0.02	0.02	0.02	0.02	0.78

70:	0.02	0.02	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.02	0.15
71:	0.01	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.16
72:	0.02	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.01	0.01	0.15
73:	0.02	0.02	0.01	0.01	0.01	0.02	0.01	0.02	0.02	0.01	0.16
74:	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.01	0.05
75:	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.09
76:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.07

Statistics Chart

S033_BIF090003_29092021_202251: Statistics Chart



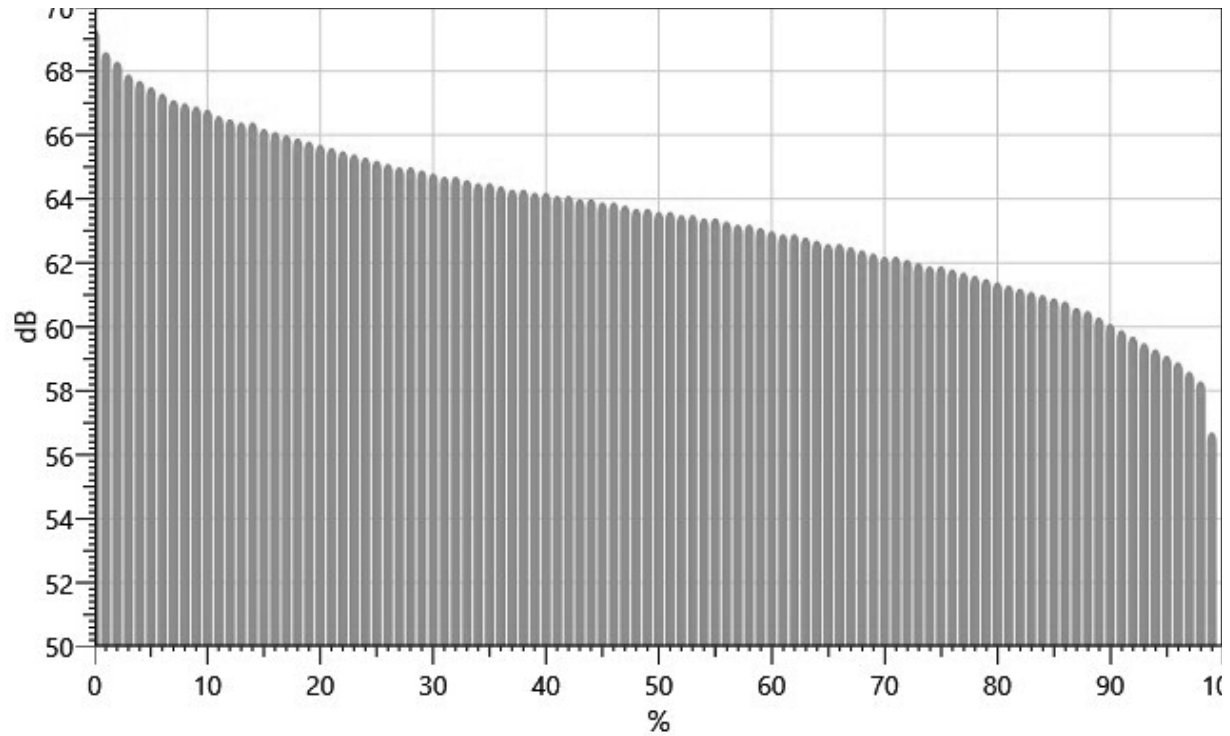
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		69.3	68.6	68.3	67.9	67.7	67.5	67.3	67.1	67.0
10%:	66.9	66.8	66.6	66.5	66.4	66.4	66.2	66.1	66.0	65.9
20%:	65.8	65.7	65.6	65.5	65.4	65.3	65.2	65.1	65.0	65.0
30%:	64.9	64.8	64.7	64.7	64.6	64.5	64.5	64.4	64.3	64.3
40%:	64.2	64.2	64.1	64.1	64.0	64.0	63.9	63.9	63.8	63.7
50%:	63.7	63.6	63.6	63.5	63.5	63.4	63.4	63.3	63.2	63.2
60%:	63.1	63.0	62.9	62.9	62.8	62.7	62.6	62.6	62.5	62.4
70%:	62.3	62.2	62.2	62.1	62.0	61.9	61.9	61.8	61.7	61.6

80%:	61.5	61.4	61.3	61.2	61.1	61.0	60.9	60.8	60.6	60.5
90%:	60.3	60.1	59.9	59.7	59.5	59.3	59.1	58.9	58.6	58.3
100%:	56.7									

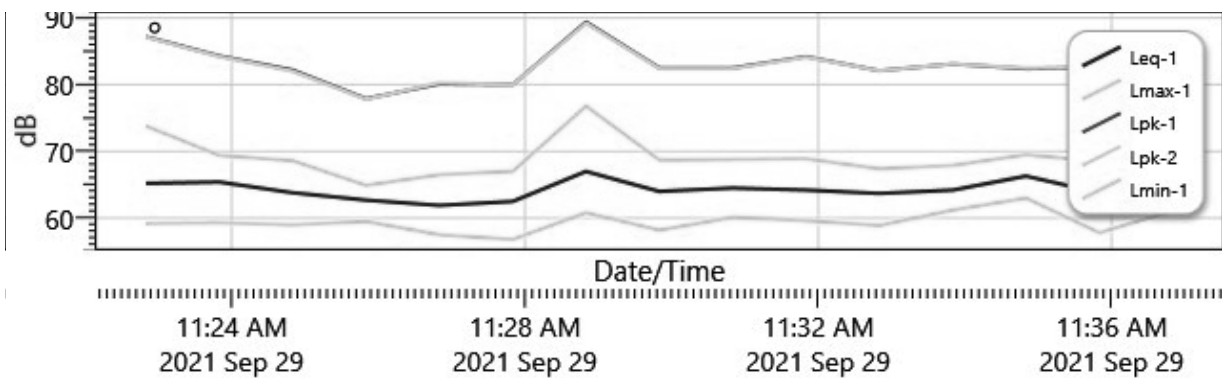
Exceedance Chart

S033_BIF090003_29092021_202251: Exceedance Chart



Logged Data Chart

S033_BIF090003_29092021_202251: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 11:22:50 AM	65.2	73.8	59.2	87.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:23:50 AM	65.4	69.4	59.3	84.3
11:24:50 AM	63.8	68.6	59	82.2
11:25:50 AM	62.7	64.9	59.5	77.9
11:26:50 AM	61.9	66.5	57.5	80.1
11:27:50 AM	62.5	67	56.8	80
11:28:50 AM	67	76.8	60.8	89.4
11:29:50 AM	64	68.7	58.2	82.5
11:30:50 AM	64.5	68.8	60.1	82.5
11:31:50 AM	64.2	68.9	59.6	84.2
11:32:50 AM	63.7	67.4	58.9	82.1
11:33:50 AM	64.2	67.9	61.2	83.1
11:34:50 AM	66.3	69.5	63	82.4
11:35:50 AM	63.8	68.5	57.8	82.6
11:36:50 AM	66.1	69.2	61.1	83.4

Session Report

9/30/2021

Information Panel

Name S060_BIG080015_29092021_205938
Start Time 9/29/2021 11:22:20 AM
Stop Time 9/29/2021 11:37:20 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from Existing concrete wall 9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	64.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

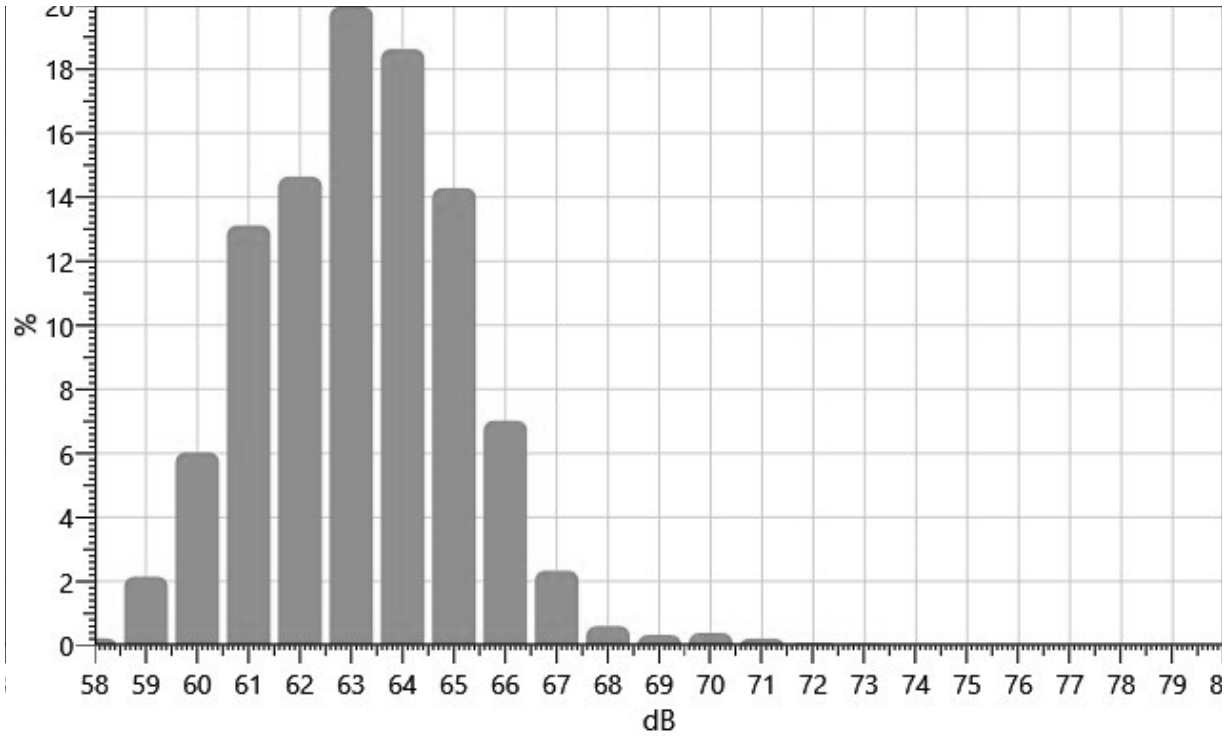
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.09	0.04	0.22
59:	0.06	0.09	0.18	0.15	0.24	0.28	0.25	0.31	0.27	0.31	2.14
60:	0.41	0.33	0.69	0.70	0.49	0.76	0.51	0.49	0.67	0.98	6.03
61:	0.84	0.99	1.34	1.16	1.13	1.50	1.45	1.73	1.43	1.55	13.12
62:	1.59	1.71	1.69	1.47	1.23	1.43	1.57	1.55	1.19	1.21	14.64
63:	1.48	1.77	2.20	2.21	1.88	1.79	1.85	2.07	2.24	2.46	19.94
64:	2.17	1.69	1.70	1.83	1.68	1.84	2.11	2.44	1.66	1.52	18.63
65:	1.89	1.58	1.39	1.82	1.44	1.51	1.36	1.10	1.19	1.01	14.29
66:	0.96	0.72	0.75	0.81	0.75	0.87	0.70	0.55	0.43	0.48	7.02
67:	0.37	0.48	0.40	0.27	0.16	0.12	0.15	0.10	0.11	0.16	2.33
68:	0.18	0.08	0.03	0.05	0.06	0.05	0.03	0.03	0.04	0.05	0.60
69:	0.05	0.02	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.32
70:	0.04	0.03	0.03	0.05	0.07	0.06	0.02	0.02	0.02	0.03	0.38
71:	0.04	0.06	0.05	0.01	0.01	0.02	0.01	0.02	0.01	0.01	0.22

72:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
73:	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S060_BIG080015_29092021_205938: Statistics Chart

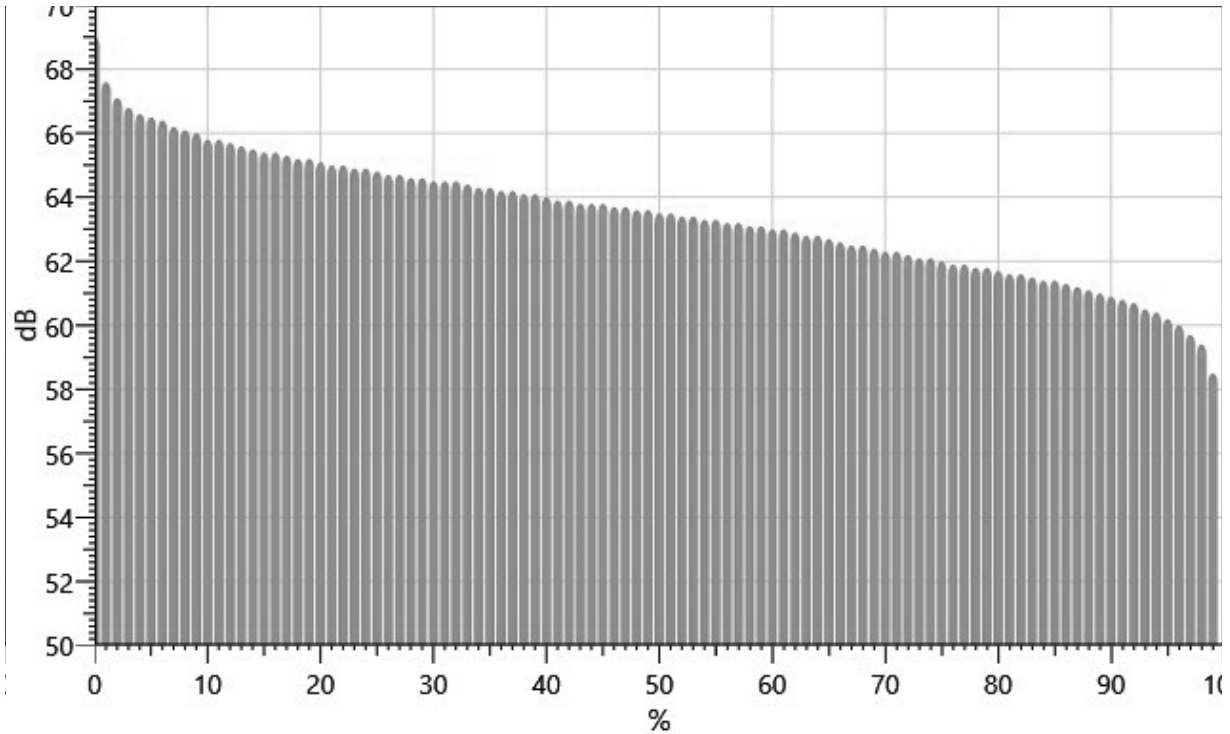


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		69.0	67.6	67.1	66.8	66.6	66.5	66.4	66.2	66.1
10%:	66.0	65.8	65.8	65.7	65.6	65.5	65.4	65.4	65.3	65.2
20%:	65.2	65.1	65.0	65.0	64.9	64.9	64.8	64.7	64.7	64.6
30%:	64.6	64.5	64.5	64.5	64.4	64.3	64.3	64.2	64.2	64.1
40%:	64.1	64.0	63.9	63.9	63.8	63.8	63.8	63.7	63.7	63.6
50%:	63.6	63.5	63.5	63.4	63.4	63.3	63.3	63.2	63.2	63.1
60%:	63.1	63.0	63.0	62.9	62.8	62.8	62.7	62.6	62.5	62.5
70%:	62.4	62.3	62.3	62.2	62.1	62.1	62.0	61.9	61.9	61.8
80%:	61.8	61.7	61.6	61.6	61.5	61.4	61.4	61.3	61.2	61.1
90%:	61.0	60.9	60.8	60.7	60.5	60.4	60.2	60.0	59.7	59.4
100%:	58.5									

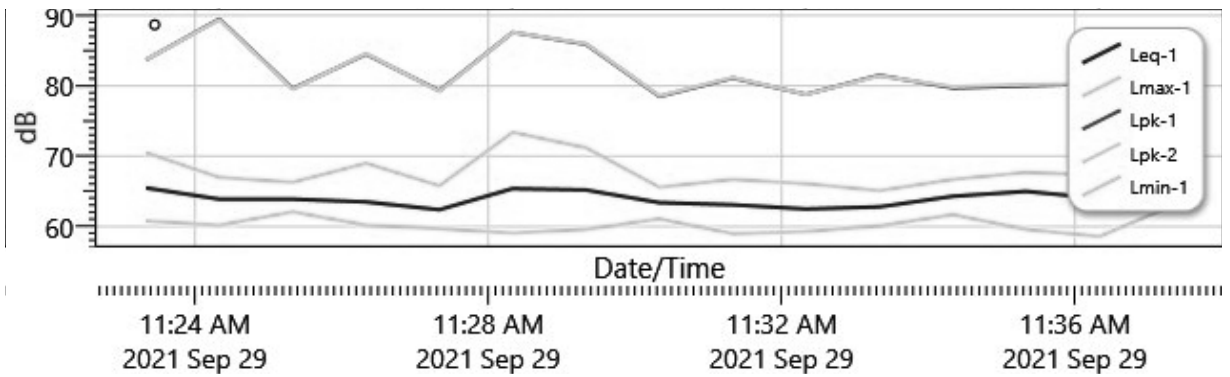
Exceedance Chart

S060_BIG080015_29092021_205938: Exceedance Chart



Logged Data Chart

S060_BIG080015_29092021_205938: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 11:23:20 AM	65.5	70.5	60.8	83.7
11:24:20 AM	63.9	67	60.2	89.5
11:25:20 AM	63.9	66.3	62.1	79.6
11:26:20 AM	63.5	69	60.2	84.5
11:27:20 AM	62.4	65.8	59.7	79.3

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:28:20 AM	65.4	73.4	59.1	87.6
11:29:20 AM	65.2	71.2	59.6	85.9
11:30:20 AM	63.4	65.6	61.1	78.5
11:31:20 AM	63.1	66.7	59	81.1
11:32:20 AM	62.5	66.1	59.3	78.8
11:33:20 AM	62.8	65.1	60.1	81.5
11:34:20 AM	64.3	66.7	61.7	79.7
11:35:20 AM	65	67.7	59.6	80
11:36:20 AM	64	67.3	58.6	80.3
11:37:20 AM	65.1	67.3	63	80.8

Session Report

9/30/2021

Information Panel

Name S015_BIH050001_29092021_213233
Start Time 9/29/2021 11:22:49 AM
Stop Time 9/29/2021 11:37:49 AM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from Existing concrete wall 9-29 (1)

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

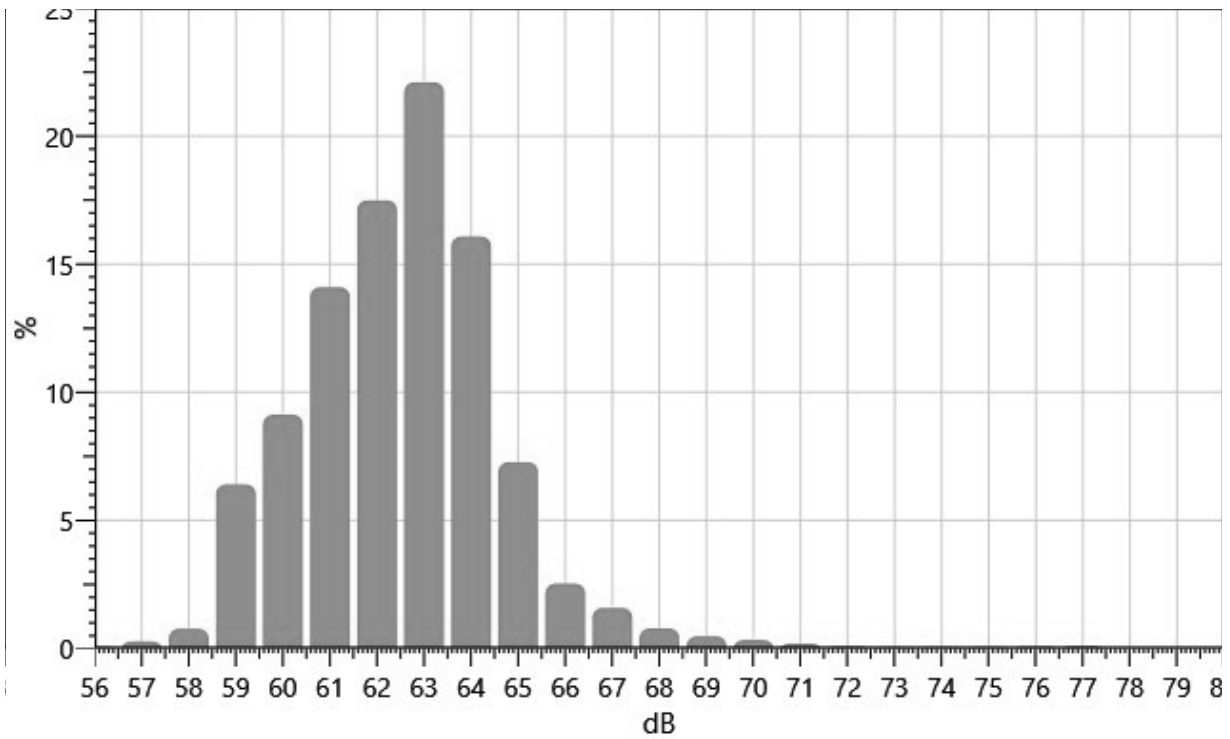
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.07
57:	0.03	0.02	0.05	0.03	0.02	0.03	0.02	0.03	0.03	0.03	0.28
58:	0.01	0.02	0.02	0.09	0.06	0.09	0.11	0.04	0.10	0.22	0.77
59:	0.24	0.23	0.40	0.46	0.92	1.29	0.68	0.71	0.72	0.76	6.40
60:	0.87	0.63	0.77	1.18	0.98	0.91	0.93	0.83	1.01	1.00	9.13
61:	1.31	1.59	1.67	1.27	1.17	1.63	1.45	1.22	1.38	1.42	14.10
62:	1.53	1.12	1.39	1.94	1.78	1.69	1.94	1.83	2.12	2.14	17.50
63:	1.87	2.31	2.59	2.52	2.51	2.15	2.04	2.12	1.96	2.04	22.11
64:	2.04	1.96	1.79	1.71	1.37	1.69	1.59	1.53	1.32	1.08	16.08
65:	1.34	1.15	0.69	0.94	0.86	0.57	0.44	0.40	0.42	0.46	7.27
66:	0.36	0.40	0.34	0.22	0.20	0.20	0.23	0.22	0.19	0.17	2.53
67:	0.17	0.22	0.20	0.23	0.20	0.13	0.14	0.09	0.10	0.10	1.58
68:	0.11	0.23	0.07	0.05	0.05	0.05	0.06	0.07	0.05	0.03	0.78
69:	0.06	0.04	0.05	0.04	0.04	0.05	0.05	0.04	0.05	0.05	0.47

70:	0.07	0.07	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.33
71:	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.02	0.19
72:	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
73:	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.05
74:	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05
75:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.05
76:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
77:	0.02	0.02	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.09

Statistics Chart

S015_BIH050001_29092021_213233: Statistics Chart



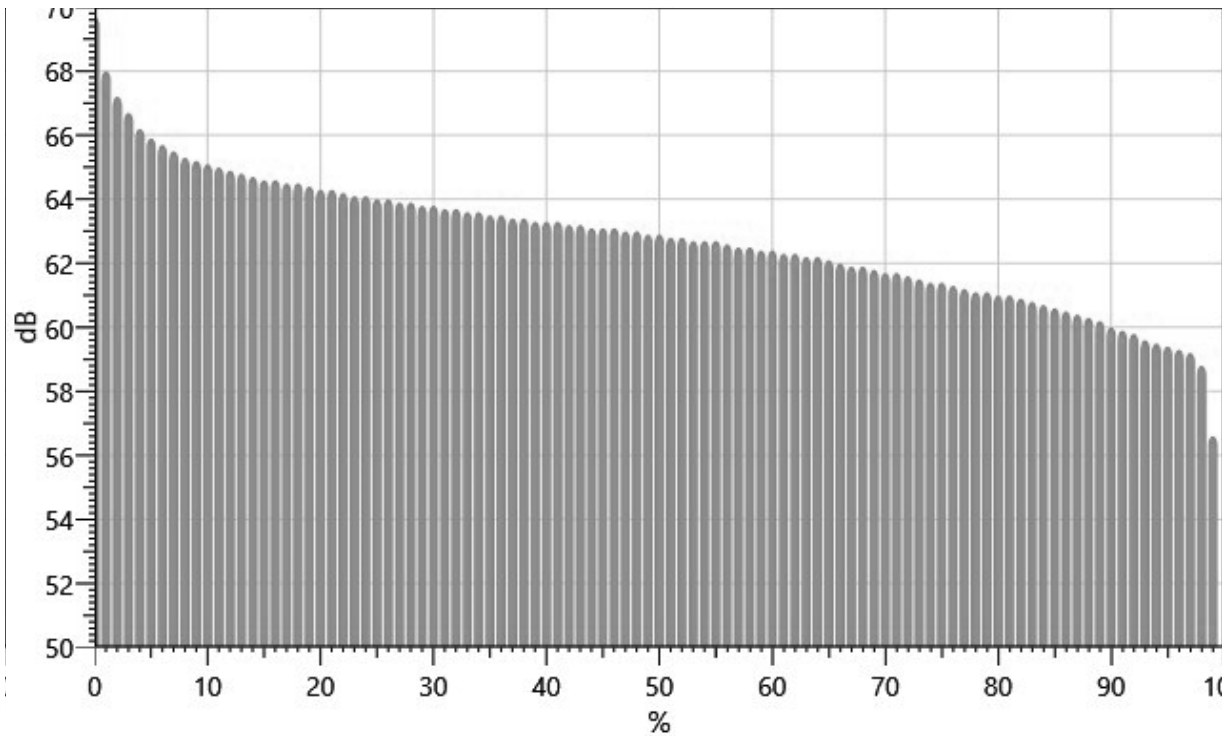
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		69.7	68.0	67.2	66.7	66.2	65.9	65.7	65.5	65.3
10%:	65.2	65.1	65.0	64.9	64.8	64.7	64.6	64.6	64.5	64.5
20%:	64.4	64.3	64.3	64.2	64.1	64.1	64.0	64.0	63.9	63.9
30%:	63.8	63.8	63.7	63.7	63.6	63.6	63.5	63.5	63.4	63.4
40%:	63.3	63.3	63.3	63.2	63.2	63.1	63.1	63.1	63.0	63.0
50%:	62.9	62.9	62.8	62.8	62.7	62.7	62.7	62.6	62.5	62.5
60%:	62.4	62.4	62.3	62.3	62.2	62.2	62.1	62.0	61.9	61.9

70%:	61.8	61.7	61.7	61.6	61.5	61.4	61.4	61.3	61.2	61.1
80%:	61.1	61.0	61.0	60.9	60.8	60.7	60.6	60.5	60.4	60.3
90%:	60.2	60.0	59.9	59.8	59.6	59.5	59.4	59.3	59.2	58.8
100%:	56.6									

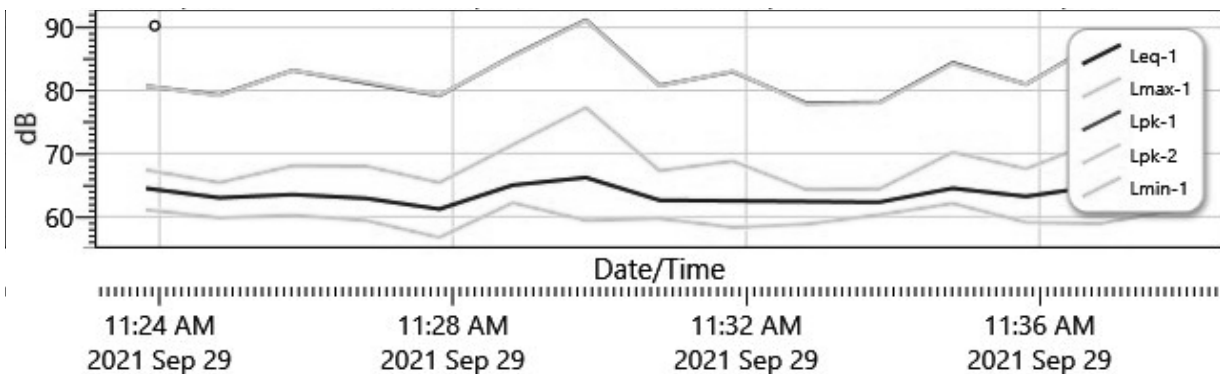
Exceedance Chart

S015_BIH050001_29092021_213233: Exceedance Chart



Logged Data Chart

S015_BIH050001_29092021_213233: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
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Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 11:23:49 AM	64.5	67.4	61.1	80.7
11:24:49 AM	63	65.4	59.8	79.3
11:25:49 AM	63.5	68.1	60.2	83.2
11:26:49 AM	62.9	68	59.4	81.2
11:27:49 AM	61.2	65.4	56.7	79.2
11:28:49 AM	65	71.4	62.2	85.5
11:29:49 AM	66.2	77.3	59.4	91.2
11:30:49 AM	62.6	67.3	59.7	80.8
11:31:49 AM	62.5	68.8	58.3	83
11:32:49 AM	62.4	64.3	58.8	78
11:33:49 AM	62.3	64.4	60.3	78.1
11:34:49 AM	64.5	70.2	62.1	84.4
11:35:49 AM	63.2	67.6	59.1	81
11:36:49 AM	64.9	72.1	58.9	87.8
11:37:49 AM	64.1	70.2	61	84.4

Session Report

9/30/2021

Information Panel

Name S359_BIF030001_29092021_220452
Start Time 9/29/2021 11:23:20 AM
Stop Time 9/29/2021 11:38:20 AM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' from existing concrete wall 9-29 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	60.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

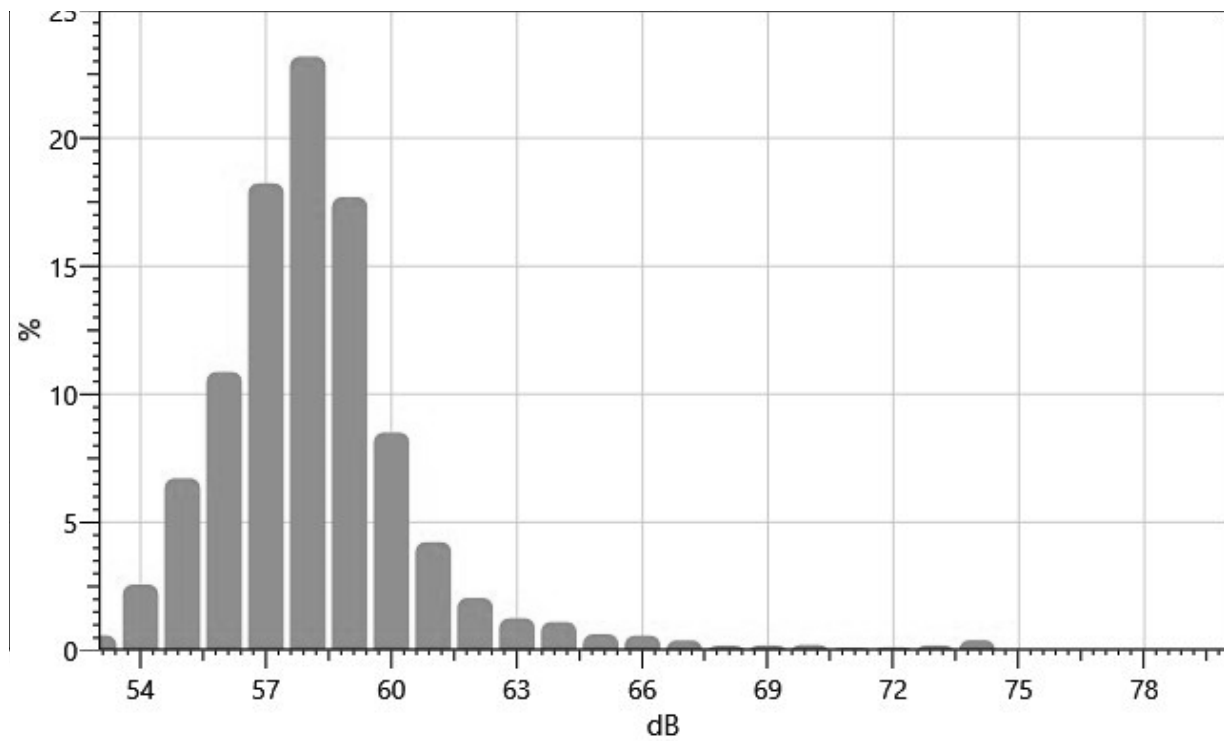
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
53:	0.00	0.00	0.00	0.00	0.02	0.05	0.07	0.08	0.14	0.22	0.59
54:	0.19	0.26	0.18	0.16	0.16	0.12	0.26	0.32	0.49	0.43	2.57
55:	0.78	0.77	0.50	0.53	0.49	0.57	0.88	0.74	0.58	0.87	6.72
56:	1.16	0.78	0.63	0.74	0.71	0.89	1.19	1.64	1.61	1.54	10.87
57:	1.61	1.29	1.44	1.50	1.91	1.76	2.12	2.12	2.27	2.22	18.24
58:	2.93	2.84	1.60	2.34	2.49	2.36	2.40	2.20	2.13	1.89	23.19
59:	2.32	1.95	1.88	1.49	1.77	1.84	1.91	1.48	1.70	1.34	17.70
60:	0.95	0.95	0.98	0.81	0.99	0.84	0.86	0.93	0.64	0.55	8.51
61:	0.48	0.48	0.36	0.49	0.37	0.41	0.40	0.32	0.50	0.42	4.23
62:	0.37	0.28	0.24	0.21	0.21	0.22	0.13	0.18	0.10	0.11	2.05
63:	0.12	0.12	0.17	0.23	0.11	0.09	0.12	0.13	0.08	0.08	1.25
64:	0.09	0.09	0.06	0.09	0.12	0.11	0.16	0.14	0.10	0.16	1.11
65:	0.14	0.09	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.63
66:	0.05	0.04	0.05	0.05	0.05	0.05	0.08	0.06	0.06	0.09	0.57

67:	0.05	0.04	0.03	0.04	0.05	0.03	0.05	0.06	0.02	0.02	0.39
68:	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.18
69:	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.19
70:	0.03	0.03	0.01	0.02	0.02	0.03	0.04	0.01	0.01	0.01	0.21
71:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.10
72:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.12
73:	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.19
74:	0.03	0.03	0.03	0.03	0.03	0.11	0.06	0.04	0.06	0.00	0.40

Statistics Chart

S359_BIF030001_29092021_220452: Statistics Chart



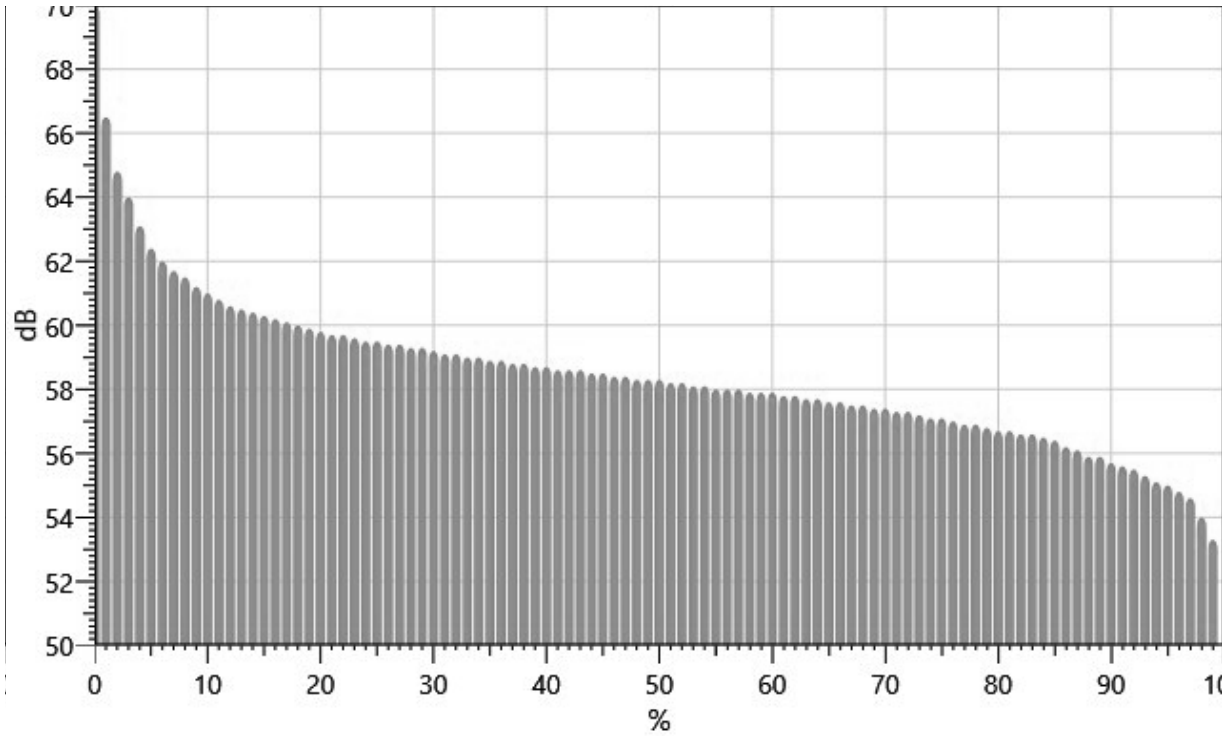
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		70.0	66.5	64.8	64.0	63.1	62.4	62.0	61.7	61.5
10%:	61.2	61.0	60.8	60.6	60.5	60.4	60.3	60.2	60.1	60.0
20%:	59.9	59.8	59.7	59.7	59.6	59.5	59.5	59.4	59.4	59.3
30%:	59.3	59.2	59.1	59.1	59.0	59.0	58.9	58.9	58.8	58.8
40%:	58.7	58.7	58.6	58.6	58.6	58.5	58.5	58.4	58.4	58.3
50%:	58.3	58.3	58.2	58.2	58.1	58.1	58.0	58.0	58.0	57.9
60%:	57.9	57.9	57.8	57.8	57.7	57.7	57.6	57.6	57.5	57.5

70%:	57.4	57.4	57.3	57.3	57.2	57.1	57.1	57.0	56.9	56.9
80%:	56.8	56.7	56.7	56.6	56.6	56.5	56.4	56.2	56.1	55.9
90%:	55.9	55.7	55.6	55.5	55.3	55.1	55.0	54.8	54.6	54.0
100%:	53.3									

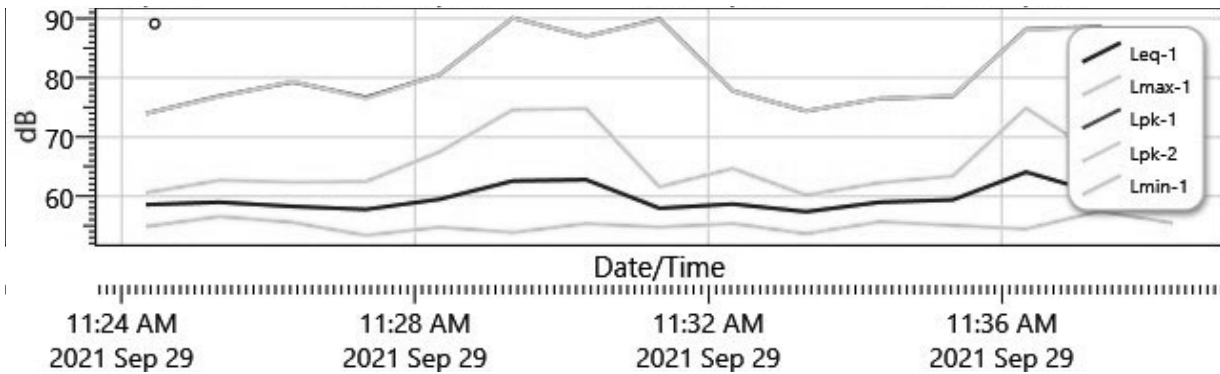
Exceedance Chart

S359_BIF030001_29092021_220452: Exceedance Chart



Logged Data Chart

S359_BIF030001_29092021_220452: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:24 AM 2021 Sep 29	59	74	56	62
11:28 AM 2021 Sep 29	58	80	55	63
11:32 AM 2021 Sep 29	59	90	56	64
11:36 AM 2021 Sep 29	64	88	57	75

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 11:24:20 AM	58.6	60.6	54.9	74
11:25:20 AM	59	62.7	56.6	76.9
11:26:20 AM	58.3	62.4	55.6	79.3
11:27:20 AM	57.8	62.5	53.4	76.7
11:28:20 AM	59.5	67.5	54.8	80.5
11:29:20 AM	62.6	74.6	53.9	90.1
11:30:20 AM	62.8	74.8	55.4	87
11:31:20 AM	58	61.6	54.8	89.9
11:32:20 AM	58.7	64.7	55.4	77.8
11:33:20 AM	57.4	60.2	53.7	74.4
11:34:20 AM	59	62.3	55.7	76.5
11:35:20 AM	59.4	63.4	55.1	76.9
11:36:20 AM	64.1	74.9	54.5	88.2
11:37:20 AM	60.5	66.9	57.5	88.6
11:38:20 AM	60.9	70.6	55.5	84.6

Session Report

9/30/2021

Information Panel

Name S034_BIF090005_29092021_193640
Start Time 9/29/2021 1:17:21 PM
Stop Time 9/29/2021 1:32:21 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 Top of Vinyl Wall 9-29 (2) noonish

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

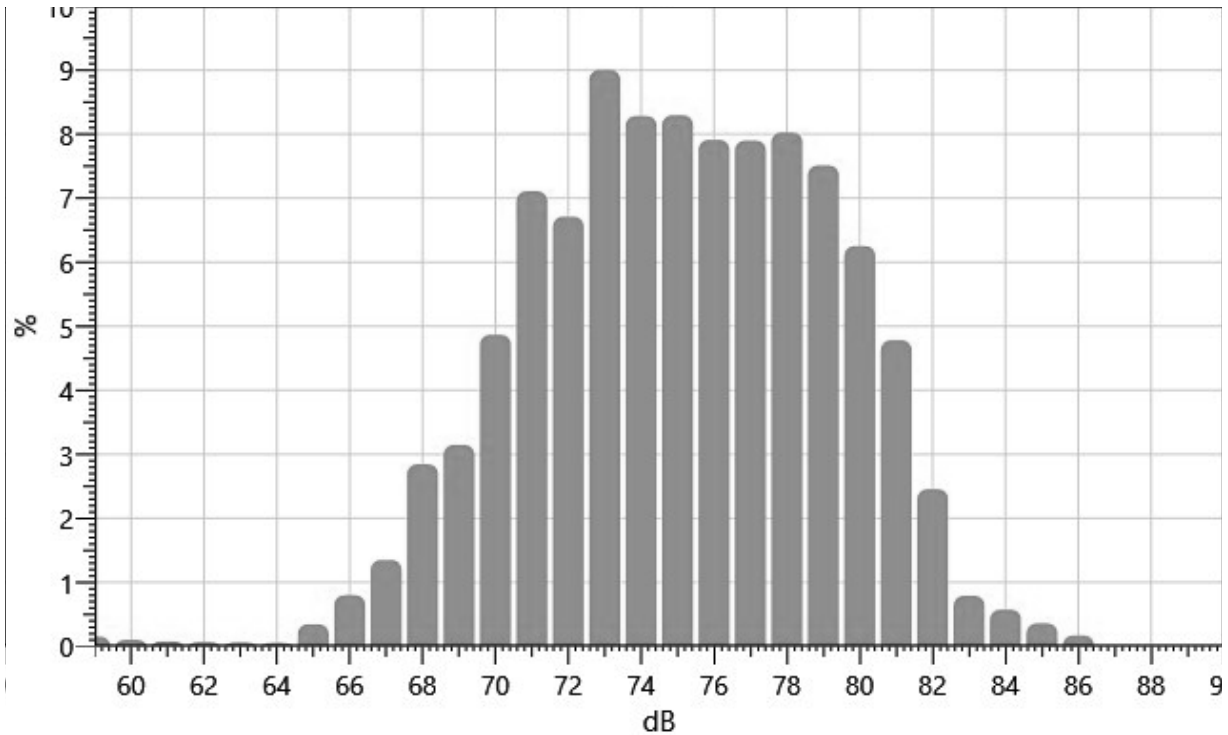
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.00	0.01	0.04	0.01	0.02	0.02	0.01	0.02	0.03	0.15
60:	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.10
61:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
62:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
63:	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.06
64:	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.05
65:	0.06	0.05	0.02	0.03	0.02	0.02	0.02	0.01	0.05	0.07	0.35
66:	0.11	0.06	0.11	0.05	0.06	0.05	0.11	0.07	0.11	0.06	0.80
67:	0.06	0.10	0.07	0.07	0.08	0.09	0.14	0.18	0.31	0.25	1.35
68:	0.37	0.35	0.19	0.32	0.40	0.29	0.26	0.21	0.23	0.23	2.85
69:	0.21	0.23	0.20	0.24	0.22	0.32	0.39	0.47	0.42	0.46	3.15
70:	0.37	0.38	0.41	0.44	0.43	0.45	0.57	0.54	0.57	0.71	4.87
71:	0.67	0.99	0.68	0.80	0.82	0.70	0.62	0.63	0.62	0.58	7.11
72:	0.55	0.69	0.75	0.70	0.61	0.60	0.84	0.56	0.74	0.68	6.71

73:	0.73	0.78	0.66	0.76	0.90	0.92	0.95	1.24	1.08	0.98	9.00
74:	1.03	1.13	0.69	0.84	0.97	0.81	0.65	0.71	0.83	0.63	8.28
75:	0.78	0.79	0.79	0.84	0.85	0.99	0.91	0.85	0.70	0.80	8.30
76:	0.84	0.77	0.70	0.74	0.73	0.73	0.80	0.88	0.86	0.85	7.91
77:	0.72	0.78	0.51	0.82	0.87	0.85	0.95	0.86	0.74	0.80	7.90
78:	0.92	0.79	0.88	0.80	0.95	0.75	0.78	0.71	0.62	0.83	8.03
79:	0.85	0.90	0.99	0.81	0.69	0.67	0.68	0.58	0.74	0.61	7.51
80:	0.72	0.86	0.47	0.54	0.55	0.49	0.65	0.70	0.72	0.56	6.25
81:	0.50	0.55	0.58	0.44	0.50	0.52	0.46	0.46	0.44	0.34	4.78
82:	0.26	0.37	0.30	0.24	0.28	0.27	0.26	0.22	0.15	0.10	2.45
83:	0.12	0.12	0.08	0.08	0.07	0.08	0.06	0.05	0.06	0.07	0.79
84:	0.05	0.04	0.05	0.05	0.05	0.06	0.06	0.09	0.07	0.05	0.57
85:	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.05	0.07	0.36
86:	0.07	0.04	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.17

Statistics Chart

S034_BIF090005_29092021_193640: Statistics Chart



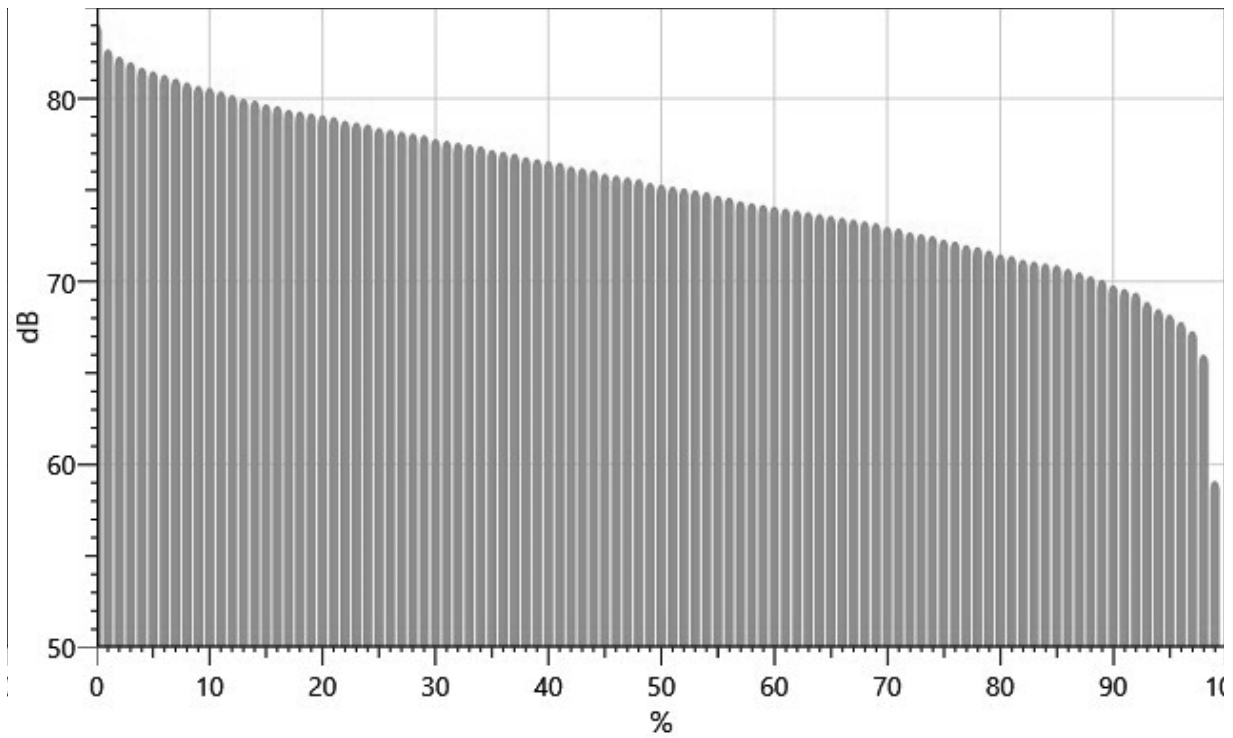
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		84.1	82.7	82.3	82.0	81.7	81.5	81.3	81.1	80.9

10%:	80.7	80.6	80.4	80.2	80.0	79.9	79.7	79.6	79.4	79.3
20%:	79.2	79.1	79.0	78.8	78.7	78.6	78.4	78.3	78.2	78.1
30%:	78.0	77.8	77.7	77.6	77.5	77.4	77.2	77.1	77.0	76.8
40%:	76.7	76.6	76.5	76.3	76.2	76.1	75.9	75.8	75.7	75.6
50%:	75.4	75.3	75.2	75.1	75.0	74.9	74.7	74.6	74.4	74.3
60%:	74.2	74.1	74.0	73.9	73.8	73.7	73.6	73.5	73.4	73.3
70%:	73.2	73.0	72.9	72.7	72.6	72.5	72.3	72.2	72.0	71.9
80%:	71.7	71.5	71.4	71.2	71.1	71.0	70.9	70.7	70.5	70.3
90%:	70.1	69.8	69.6	69.4	68.9	68.5	68.2	67.8	67.3	66.0
100%:	59.1									

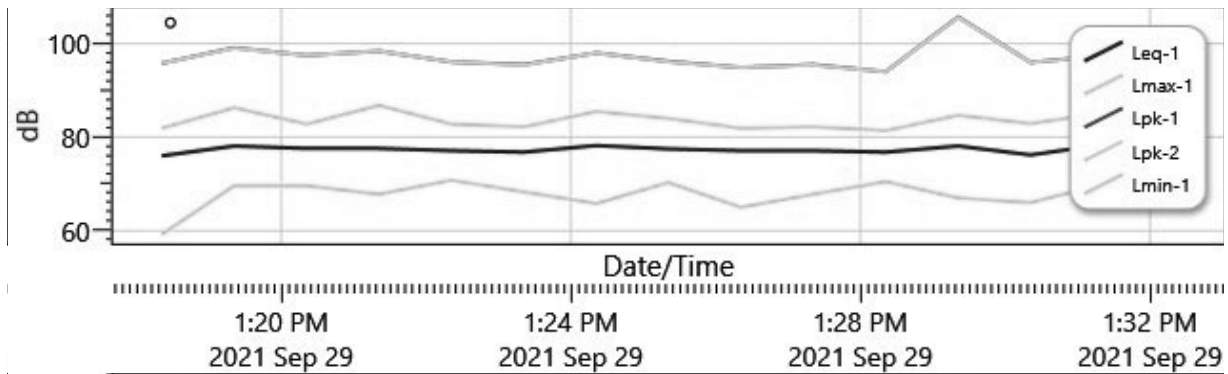
Exceedance Chart

S034_BIF090005_29092021_193640: Exceedance Chart



Logged Data Chart

S034_BIF090005_29092021_193640: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 1:18:21 PM	76	81.9	59.2	95.8
1:19:21 PM	78.1	86.3	69.6	99.1
1:20:21 PM	77.6	82.8	69.6	97.5
1:21:21 PM	77.6	86.8	67.8	98.4
1:22:21 PM	77.1	82.8	70.8	96.1
1:23:21 PM	76.8	82.2	68.3	95.5
1:24:21 PM	78.2	85.5	65.8	98
1:25:21 PM	77.5	84	70.3	96.2
1:26:21 PM	77.1	81.9	65	94.9
1:27:21 PM	77.1	82.2	67.8	95.5
1:28:21 PM	76.8	81.4	70.5	94
1:29:21 PM	78.1	84.7	67	105.7
1:30:21 PM	76.2	82.9	66	96
1:31:21 PM	78.4	85.2	69.9	97.4
1:32:21 PM	75.8	84.8	66.7	96.2

Session Report

9/30/2021

Information Panel

Name S034_BIF090003_29092021_202253
Start Time 9/29/2021 1:17:40 PM
Stop Time 9/29/2021 1:32:40 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5ft. from Vinyl fence 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

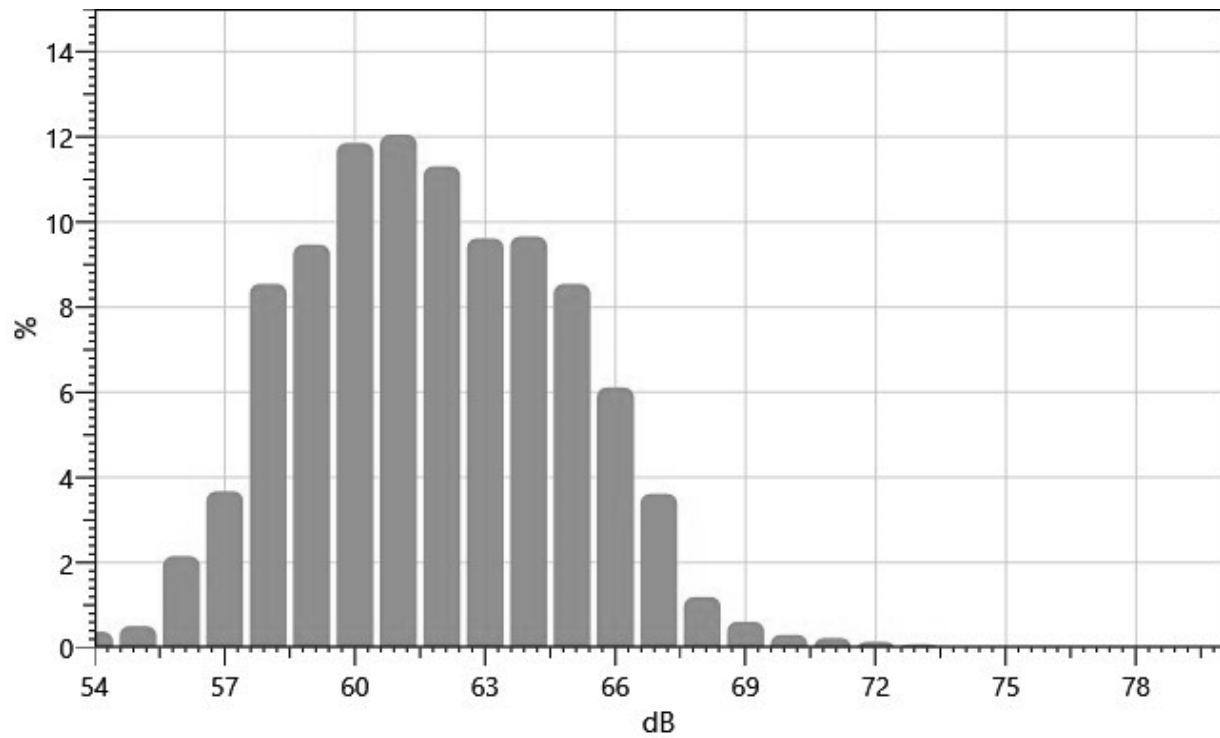
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
54:	0.00	0.00	0.00	0.10	0.14	0.05	0.04	0.02	0.02	0.02	0.37
55:	0.02	0.02	0.02	0.06	0.09	0.06	0.03	0.05	0.06	0.10	0.51
56:	0.20	0.16	0.15	0.20	0.26	0.29	0.29	0.17	0.20	0.22	2.15
57:	0.22	0.28	0.44	0.42	0.34	0.39	0.41	0.36	0.38	0.43	3.67
58:	0.57	0.67	0.80	0.80	1.00	0.88	0.91	0.84	1.08	0.99	8.55
59:	0.99	0.69	1.01	0.89	0.79	0.77	0.99	1.13	1.05	1.16	9.47
60:	1.12	1.36	1.12	1.29	1.37	1.34	1.08	1.02	1.19	0.98	11.86
61:	0.89	1.12	1.12	1.26	1.15	1.21	1.30	1.21	1.43	1.37	12.05
62:	1.41	1.00	1.07	1.15	1.27	1.16	1.08	1.04	1.04	1.10	11.31
63:	0.80	0.82	0.86	0.94	0.94	1.18	0.99	1.06	0.86	1.16	9.61
64:	0.99	0.87	0.82	0.93	1.03	1.01	1.14	1.01	0.96	0.90	9.66
65:	0.86	0.80	0.73	1.11	0.94	0.76	0.93	0.83	0.94	0.65	8.54
66:	0.74	0.61	0.67	0.86	0.82	0.63	0.47	0.43	0.49	0.38	6.11
67:	0.34	0.34	0.44	0.41	0.33	0.31	0.33	0.34	0.42	0.36	3.61

68:	0.34	0.17	0.07	0.13	0.10	0.09	0.09	0.07	0.06	0.08	1.19
69:	0.06	0.06	0.05	0.09	0.06	0.06	0.03	0.05	0.08	0.07	0.61
70:	0.05	0.05	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.04	0.30
71:	0.03	0.03	0.03	0.03	0.04	0.01	0.01	0.01	0.01	0.02	0.23
72:	0.01	0.02	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.14
73:	0.01	0.01	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.08

Statistics Chart

S034_BIF090003_29092021_202253: Statistics Chart



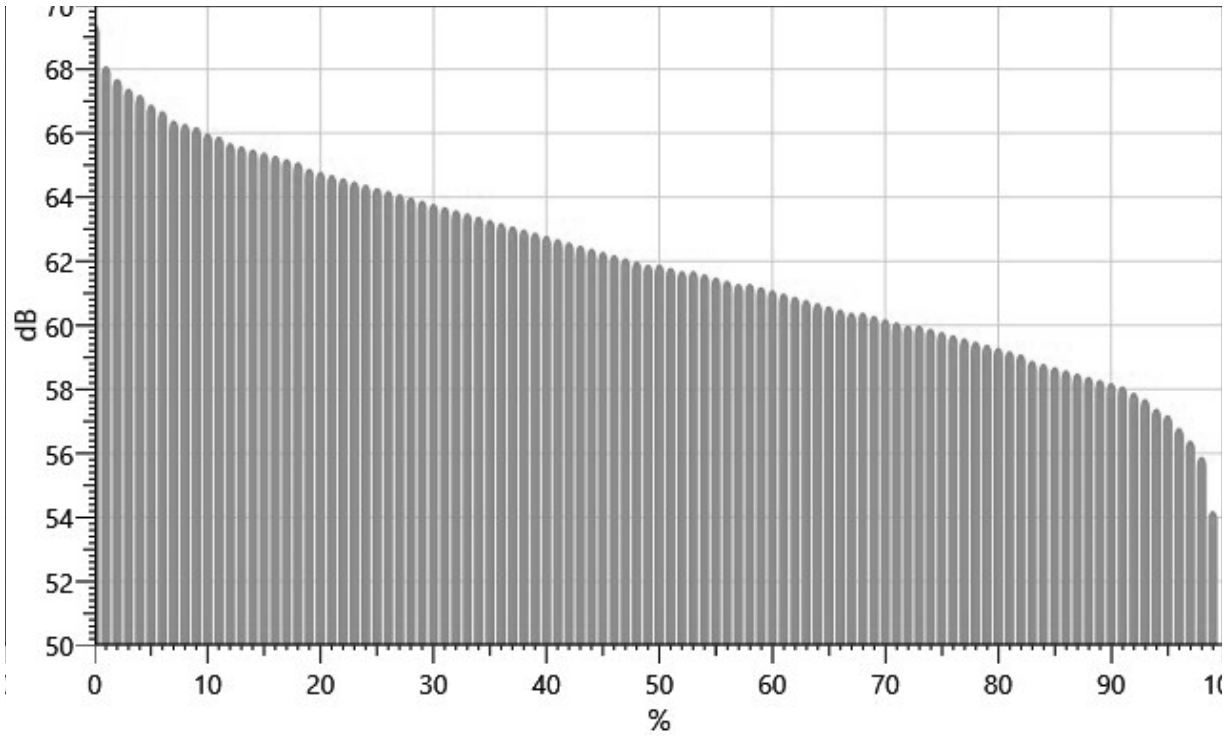
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		69.4	68.1	67.7	67.4	67.2	66.9	66.7	66.4	66.3
10%:	66.2	66.0	65.9	65.7	65.6	65.5	65.4	65.3	65.2	65.1
20%:	64.9	64.8	64.7	64.6	64.5	64.4	64.3	64.2	64.1	64.0
30%:	63.9	63.8	63.7	63.6	63.5	63.4	63.3	63.2	63.1	63.0
40%:	62.9	62.8	62.7	62.6	62.5	62.4	62.3	62.2	62.1	62.0
50%:	61.9	61.9	61.8	61.7	61.7	61.6	61.5	61.4	61.3	61.3
60%:	61.2	61.1	61.0	60.9	60.8	60.7	60.6	60.5	60.4	60.4
70%:	60.3	60.2	60.1	60.0	60.0	59.9	59.8	59.7	59.6	59.5
80%:	59.4	59.3	59.2	59.1	58.9	58.8	58.7	58.6	58.5	58.4

90%: 58.3 58.2 58.1 57.9 57.7 57.4 57.2 56.8 56.4 55.9
 100%: 54.2

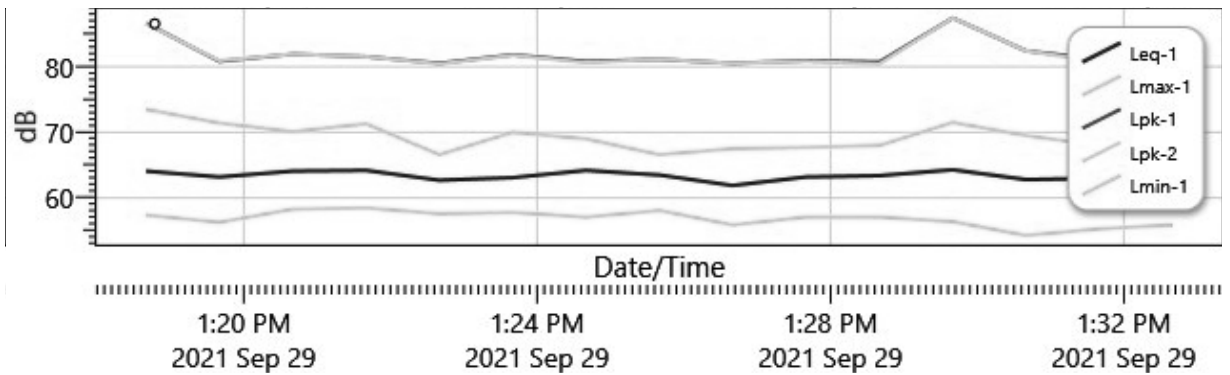
Exceedance Chart

S034_BIF090003_29092021_202253: Exceedance Chart



Logged Data Chart

S034_BIF090003_29092021_202253: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 1:18:40 PM	64.1	73.5	57.4	86.6
1:19:40 PM	63.2	71.4	56.3	80.8

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:20:40 PM	64.1	70.1	58.3	81.9
1:21:40 PM	64.2	71.3	58.5	81.5
1:22:40 PM	62.7	66.6	57.6	80.5
1:23:40 PM	63.1	70	57.8	81.8
1:24:40 PM	64.2	69	57.1	80.8
1:25:40 PM	63.5	66.6	58.1	81.1
1:26:40 PM	61.9	67.5	55.9	80.5
1:27:40 PM	63.2	67.7	57.1	80.9
1:28:40 PM	63.4	68	57.1	80.7
1:29:40 PM	64.3	71.5	56.4	87.4
1:30:40 PM	62.8	69.5	54.3	82.4
1:31:40 PM	63	68	55.3	81.1
1:32:40 PM	61.7	69.1	55.9	81.3

Session Report

9/30/2021

Information Panel

Name S061_BIG080015_29092021_205939
Start Time 9/29/2021 1:17:18 PM
Stop Time 9/29/2021 1:32:18 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from vinyl wall 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	65 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

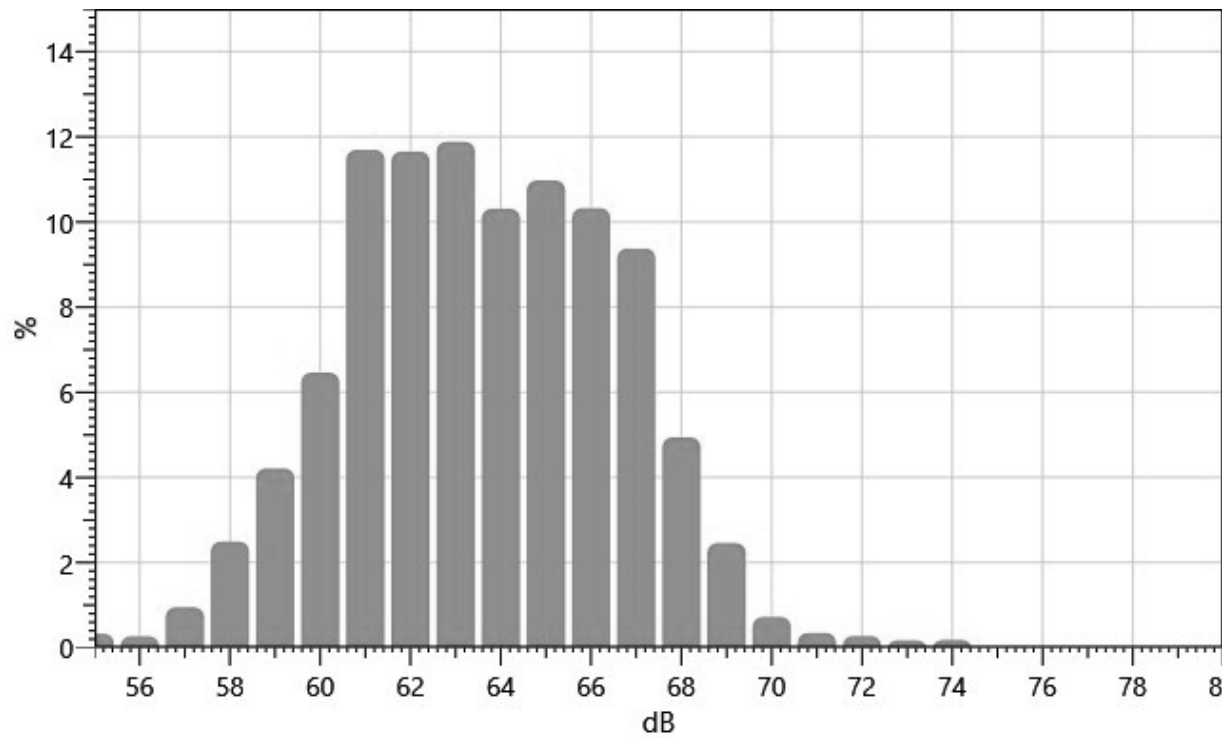
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.09	0.06	0.02	0.03	0.03	0.04	0.03	0.02	0.33
56:	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.04	0.27
57:	0.02	0.01	0.01	0.03	0.05	0.05	0.09	0.22	0.29	0.18	0.95
58:	0.14	0.12	0.19	0.21	0.23	0.18	0.30	0.39	0.35	0.38	2.49
59:	0.41	0.35	0.53	0.49	0.36	0.30	0.40	0.44	0.50	0.43	4.21
60:	0.39	0.47	0.39	0.41	0.45	0.56	0.87	0.77	1.12	1.03	6.46
61:	0.86	0.99	1.04	1.06	1.20	1.16	1.43	1.45	1.14	1.38	11.69
62:	1.23	1.17	1.12	1.19	1.03	1.17	1.29	1.19	1.15	1.11	11.65
63:	1.21	1.09	1.25	1.23	1.26	1.19	1.06	1.20	1.29	1.11	11.88
64:	1.27	0.98	0.99	0.85	0.79	0.86	1.07	1.16	1.21	1.13	10.31
65:	1.19	0.91	0.83	0.99	1.14	0.97	1.23	1.41	1.15	1.15	10.98
66:	1.09	0.89	1.03	1.05	1.06	0.93	0.99	1.13	1.21	0.93	10.32
67:	1.13	1.19	1.33	0.99	0.83	0.86	0.74	0.85	0.69	0.77	9.38
68:	0.62	0.84	0.48	0.64	0.59	0.44	0.42	0.44	0.22	0.26	4.94

69:	0.32	0.26	0.31	0.24	0.23	0.22	0.21	0.29	0.22	0.15	2.46
70:	0.17	0.22	0.09	0.07	0.03	0.02	0.02	0.03	0.03	0.04	0.72
71:	0.02	0.03	0.02	0.04	0.05	0.07	0.04	0.04	0.02	0.02	0.34
72:	0.03	0.02	0.03	0.05	0.03	0.03	0.02	0.03	0.02	0.02	0.27
73:	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.17
74:	0.03	0.04	0.02	0.04	0.02	0.01	0.02	0.00	0.00	0.00	0.18

Statistics Chart

S061_BIG080015_29092021_205939: Statistics Chart



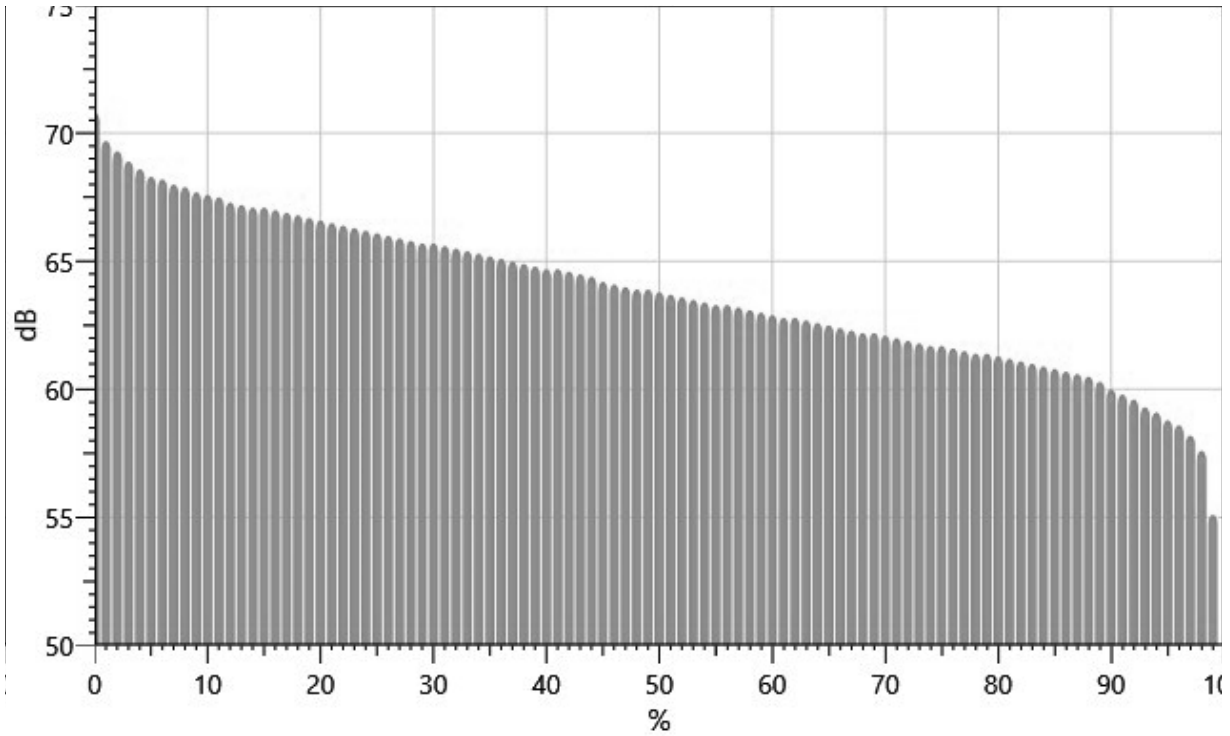
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		70.8	69.7	69.3	68.9	68.6	68.3	68.2	68.0	67.9
10%:	67.7	67.6	67.5	67.3	67.2	67.1	67.1	67.0	66.9	66.8
20%:	66.7	66.6	66.5	66.4	66.3	66.2	66.1	66.0	65.9	65.8
30%:	65.7	65.7	65.6	65.5	65.4	65.3	65.2	65.1	65.0	64.9
40%:	64.8	64.7	64.7	64.6	64.5	64.4	64.2	64.1	64.0	63.9
50%:	63.9	63.8	63.7	63.6	63.5	63.4	63.3	63.3	63.2	63.1
60%:	63.0	62.9	62.8	62.8	62.7	62.6	62.5	62.4	62.3	62.2
70%:	62.2	62.1	62.0	61.9	61.8	61.7	61.7	61.6	61.5	61.4
80%:	61.4	61.3	61.2	61.1	61.0	60.9	60.8	60.7	60.6	60.5

90%: 60.3 60.0 59.8 59.6 59.3 59.1 58.8 58.6 58.2 57.6
 100%: 55.1

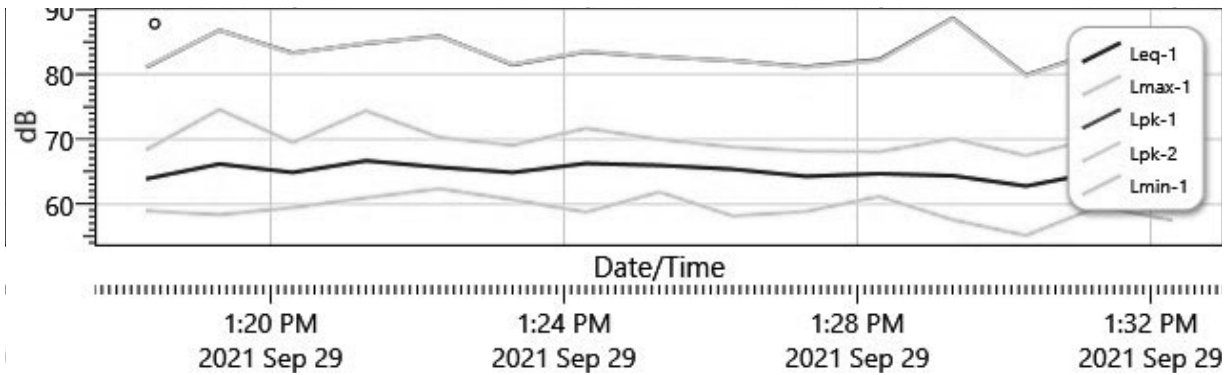
Exceedance Chart

S061_BIG080015_29092021_205939: Exceedance Chart



Logged Data Chart

S061_BIG080015_29092021_205939: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 1:18:18 PM	63.9	68.4	59	81.1
1:19:18 PM	66.2	74.6	58.4	86.8

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:20:18 PM	64.9	69.5	59.5	83.3
1:21:18 PM	66.7	74.4	61	84.8
1:22:18 PM	65.7	70.3	62.4	85.9
1:23:18 PM	64.9	69.1	60.7	81.5
1:24:18 PM	66.3	71.7	58.8	83.5
1:25:18 PM	66	70	61.9	82.7
1:26:18 PM	65.4	68.8	58.2	82.1
1:27:18 PM	64.3	68.2	58.9	81.2
1:28:18 PM	64.7	68.1	61.2	82.3
1:29:18 PM	64.4	70.1	57.6	88.7
1:30:18 PM	62.8	67.5	55.2	79.9
1:31:18 PM	65	70.3	59.7	83.6
1:32:18 PM	63.2	70.1	57.5	82.2

Session Report

9/30/2021

Information Panel

Name S016_BIH050001_29092021_213234
Start Time 9/29/2021 1:17:28 PM
Stop Time 9/29/2021 1:32:28 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from vinyl wall 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	65.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

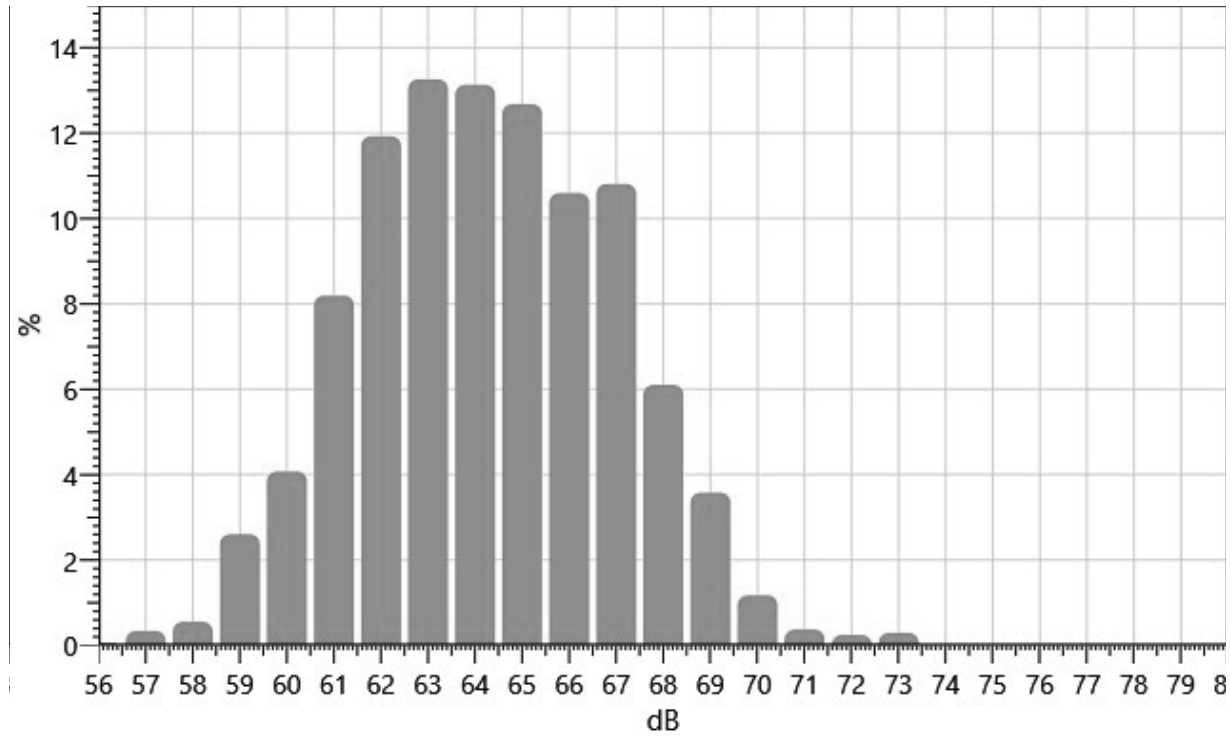
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07
57:	0.09	0.04	0.03	0.04	0.02	0.01	0.03	0.02	0.02	0.03	0.34
58:	0.03	0.02	0.03	0.03	0.03	0.05	0.05	0.04	0.16	0.11	0.55
59:	0.06	0.08	0.11	0.34	0.36	0.29	0.48	0.24	0.25	0.39	2.60
60:	0.31	0.33	0.40	0.40	0.36	0.35	0.40	0.54	0.50	0.48	4.07
61:	0.60	0.75	0.70	0.59	0.84	0.85	0.70	0.89	1.14	1.13	8.19
62:	1.32	1.00	0.93	1.12	1.12	1.32	1.29	1.22	1.25	1.35	11.93
63:	1.34	1.07	0.91	1.15	1.34	1.39	1.44	1.53	1.70	1.40	13.26
64:	1.36	1.48	1.56	1.47	1.18	1.15	1.40	1.32	1.09	1.12	13.13
65:	1.41	1.26	1.21	1.12	1.23	1.57	1.48	1.16	1.10	1.13	12.68
66:	1.22	1.02	0.91	0.81	0.84	1.03	1.07	1.21	1.23	1.26	10.60
67:	1.35	1.18	1.07	1.53	1.22	1.15	1.04	0.72	0.81	0.74	10.81
68:	0.55	0.77	0.56	0.71	0.66	0.62	0.65	0.59	0.57	0.43	6.10
69:	0.36	0.37	0.41	0.30	0.30	0.43	0.30	0.32	0.35	0.44	3.58

70:	0.25	0.25	0.11	0.18	0.08	0.06	0.07	0.05	0.07	0.06	1.17
71:	0.06	0.05	0.03	0.06	0.05	0.03	0.02	0.02	0.02	0.02	0.37
72:	0.03	0.03	0.02	0.02	0.03	0.05	0.01	0.02	0.01	0.02	0.24
73:	0.03	0.04	0.03	0.02	0.06	0.09	0.03	0.00	0.00	0.00	0.29

Statistics Chart

S016_BIH050001_29092021_213234: Statistics Chart

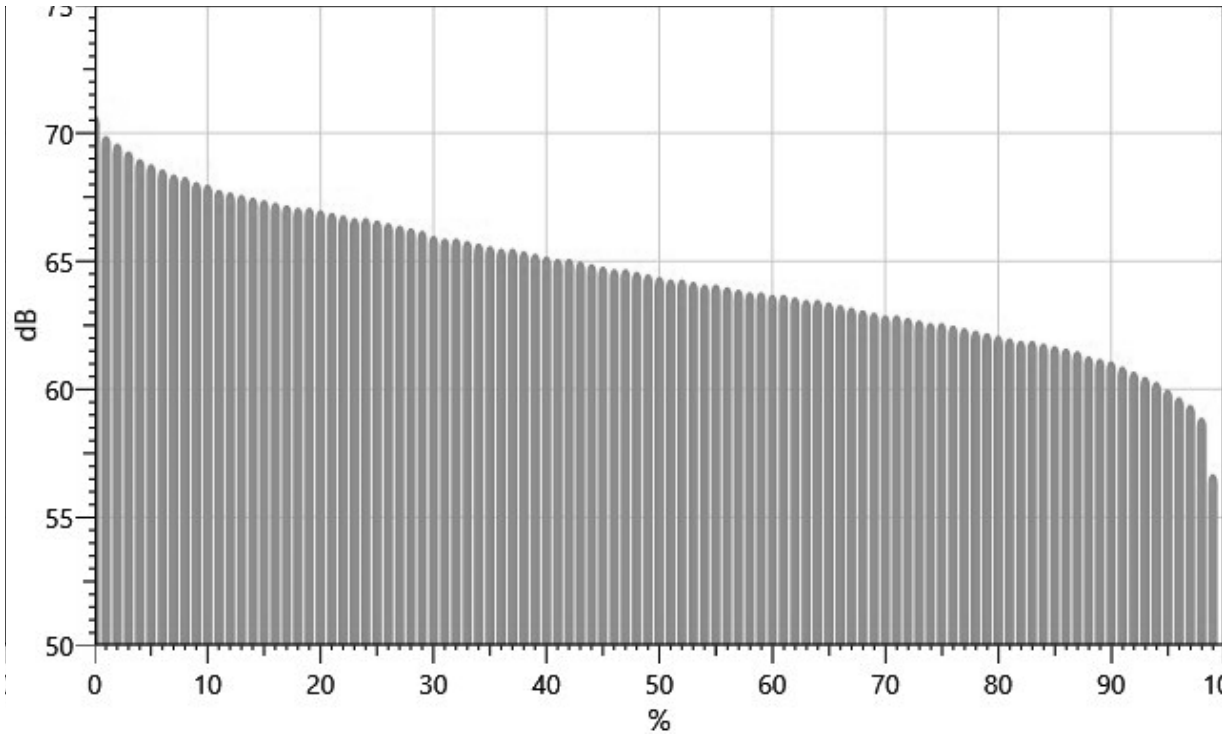


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		70.7	69.9	69.6	69.3	69.0	68.8	68.6	68.4	68.3
10%:	68.1	68.0	67.8	67.7	67.6	67.5	67.4	67.3	67.2	67.1
20%:	67.1	67.0	66.9	66.8	66.7	66.7	66.6	66.5	66.4	66.3
30%:	66.2	66.0	65.9	65.9	65.8	65.7	65.6	65.5	65.5	65.4
40%:	65.3	65.2	65.1	65.1	65.0	64.9	64.8	64.7	64.7	64.6
50%:	64.5	64.4	64.3	64.3	64.2	64.1	64.1	64.0	63.9	63.8
60%:	63.8	63.7	63.7	63.6	63.5	63.5	63.4	63.3	63.2	63.1
70%:	63.0	62.9	62.9	62.8	62.7	62.6	62.6	62.5	62.4	62.3
80%:	62.2	62.1	62.0	61.9	61.9	61.8	61.7	61.6	61.5	61.3
90%:	61.2	61.1	60.9	60.7	60.5	60.3	60.0	59.7	59.4	58.9
100%:	56.7									

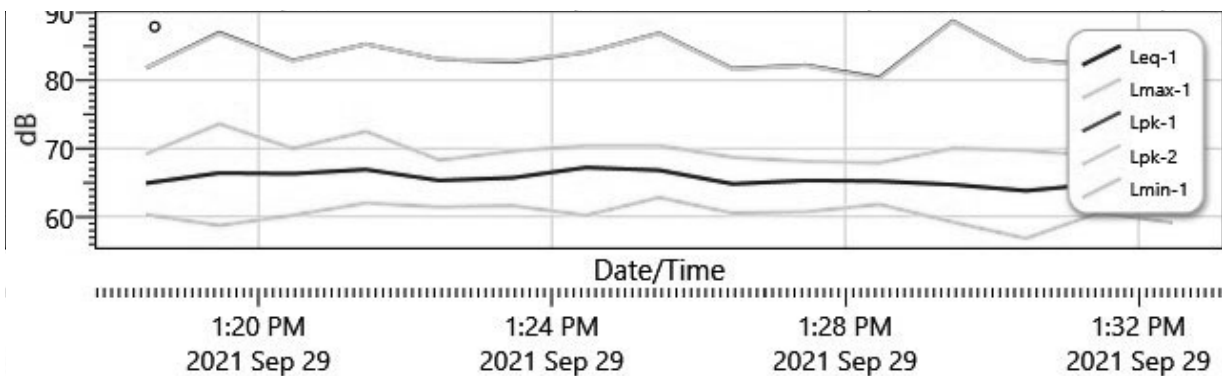
Exceedance Chart

S016_BIH050001_29092021_213234: Exceedance Chart



Logged Data Chart

S016_BIH050001_29092021_213234: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 1:18:28 PM	64.9	69.2	60.3	81.8
1:19:28 PM	66.4	73.6	58.7	87
1:20:28 PM	66.3	70	60.2	82.9
1:21:28 PM	66.9	72.5	62	85.3
1:22:28 PM	65.3	68.3	61.4	83.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:23:28 PM	65.7	69.6	61.6	82.7
1:24:28 PM	67.2	70.4	60.2	84.1
1:25:28 PM	66.8	70.4	62.8	86.9
1:26:28 PM	64.8	68.7	60.5	81.7
1:27:28 PM	65.3	68.1	60.7	82.2
1:28:28 PM	65.2	67.9	61.8	80.4
1:29:28 PM	64.7	70	59.2	88.7
1:30:28 PM	63.8	69.7	56.8	83
1:31:28 PM	64.8	68.9	60.6	82.2
1:32:28 PM	63.4	68.5	59.1	81.8

Session Report

9/30/2021

Information Panel

Name S360_BIF030001_29092021_220454
Start Time 9/29/2021 1:17:42 PM
Stop Time 9/29/2021 1:32:42 PM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' from vinyl wall 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	62.6 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

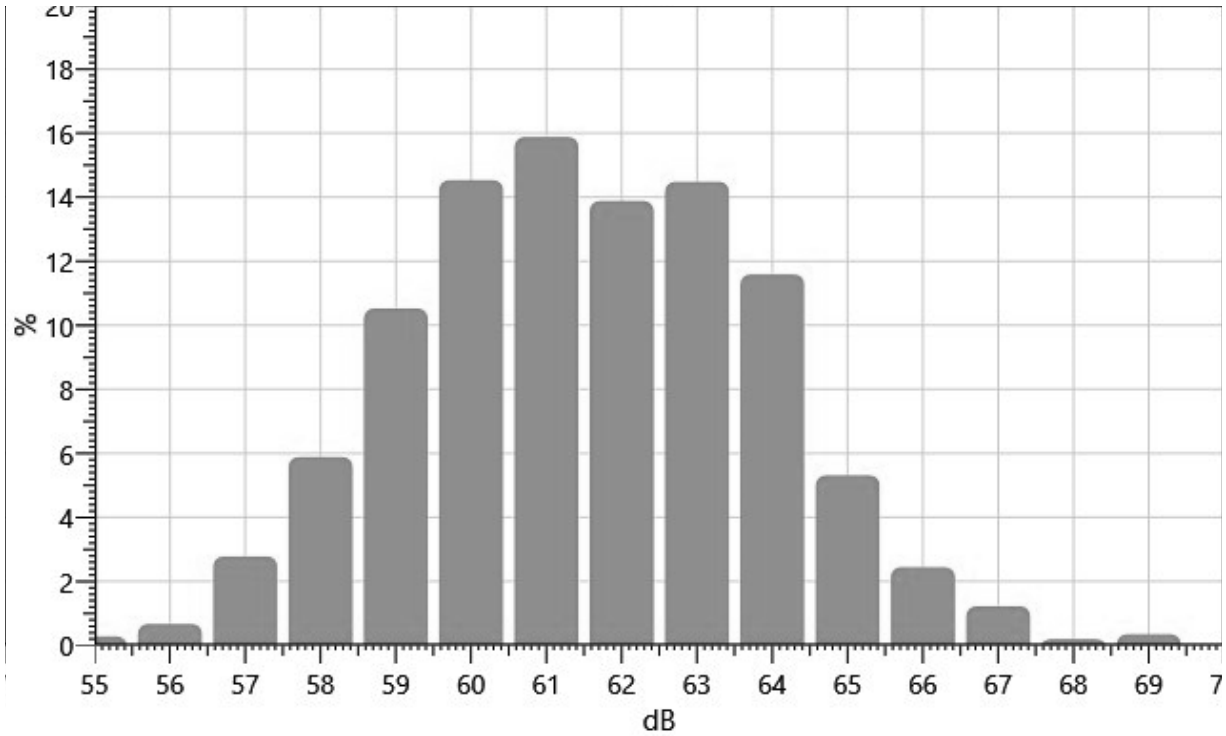
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.12	0.14	0.28
56:	0.05	0.04	0.06	0.07	0.03	0.10	0.04	0.09	0.11	0.09	0.66
57:	0.09	0.08	0.15	0.27	0.26	0.21	0.26	0.44	0.49	0.52	2.77
58:	0.41	0.51	0.32	0.52	0.65	0.81	0.66	0.53	0.69	0.78	5.88
59:	0.63	1.08	1.06	1.04	1.06	1.20	1.19	1.01	1.09	1.17	10.52
60:	1.16	1.51	1.43	1.30	1.40	1.38	1.44	1.48	1.65	1.77	14.53
61:	1.83	1.88	1.08	1.32	1.78	1.86	1.85	1.50	1.41	1.37	15.88
62:	1.68	1.40	1.45	1.06	1.23	1.17	1.66	1.64	1.38	1.21	13.88
63:	1.28	1.54	1.61	1.56	1.25	1.32	1.23	1.35	1.70	1.65	14.48
64:	1.71	1.81	0.93	1.02	1.26	1.07	1.05	1.24	0.86	0.65	11.59
65:	0.64	0.60	0.50	0.39	0.47	0.53	0.65	0.61	0.41	0.51	5.31
66:	0.51	0.24	0.21	0.28	0.33	0.20	0.16	0.20	0.18	0.13	2.44
67:	0.14	0.14	0.09	0.18	0.19	0.15	0.16	0.10	0.04	0.03	1.22
68:	0.02	0.05	0.03	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.20

69:	0.02	0.02	0.02	0.01	0.02	0.06	0.04	0.05	0.06	0.05	0.35
70:	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

Statistics Chart

S360_BIF030001_29092021_220454: Statistics Chart

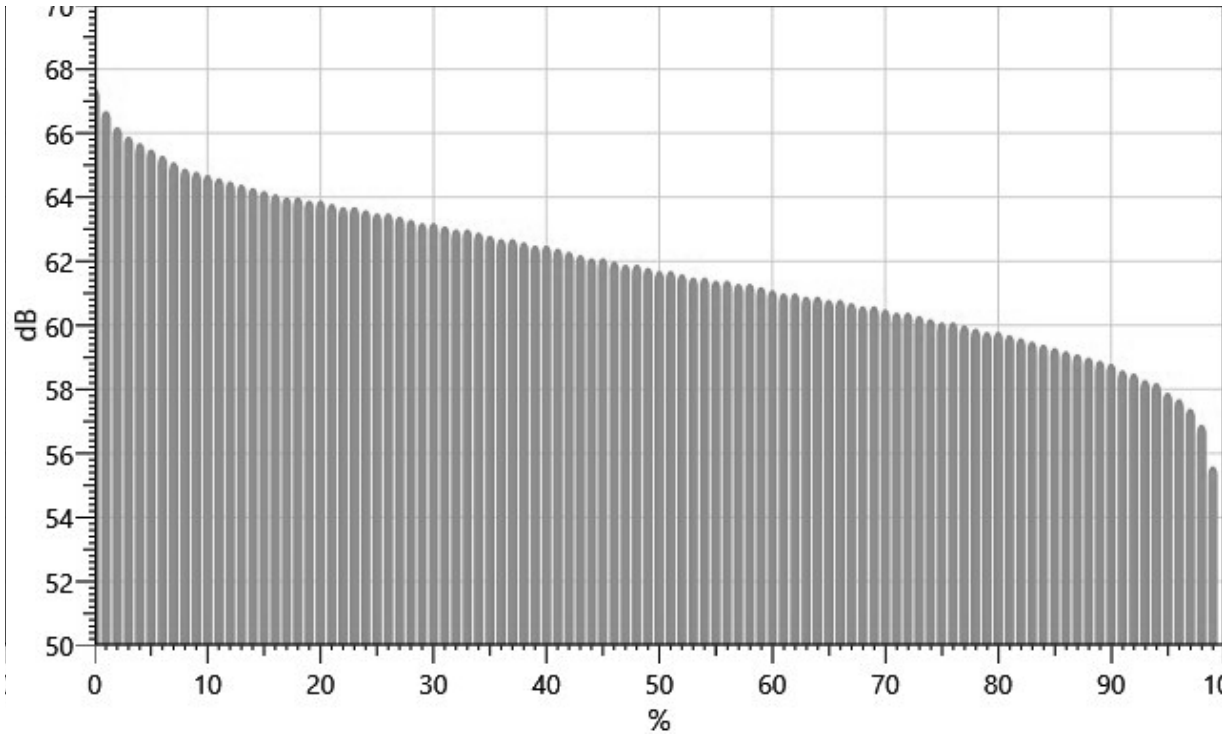


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		67.4	66.7	66.2	65.9	65.7	65.5	65.3	65.1	64.9
10%:	64.8	64.7	64.6	64.5	64.4	64.3	64.2	64.1	64.0	64.0
20%:	63.9	63.9	63.8	63.7	63.7	63.6	63.5	63.5	63.4	63.3
30%:	63.2	63.2	63.1	63.0	63.0	62.9	62.8	62.7	62.7	62.6
40%:	62.5	62.5	62.4	62.3	62.2	62.1	62.1	62.0	61.9	61.9
50%:	61.8	61.7	61.7	61.6	61.5	61.5	61.4	61.4	61.3	61.3
60%:	61.2	61.1	61.0	61.0	60.9	60.9	60.8	60.8	60.7	60.6
70%:	60.6	60.5	60.4	60.4	60.3	60.2	60.1	60.1	60.0	59.9
80%:	59.8	59.8	59.7	59.6	59.5	59.4	59.3	59.2	59.1	59.0
90%:	58.9	58.8	58.6	58.5	58.3	58.2	57.9	57.7	57.4	56.9
100%:	55.6									

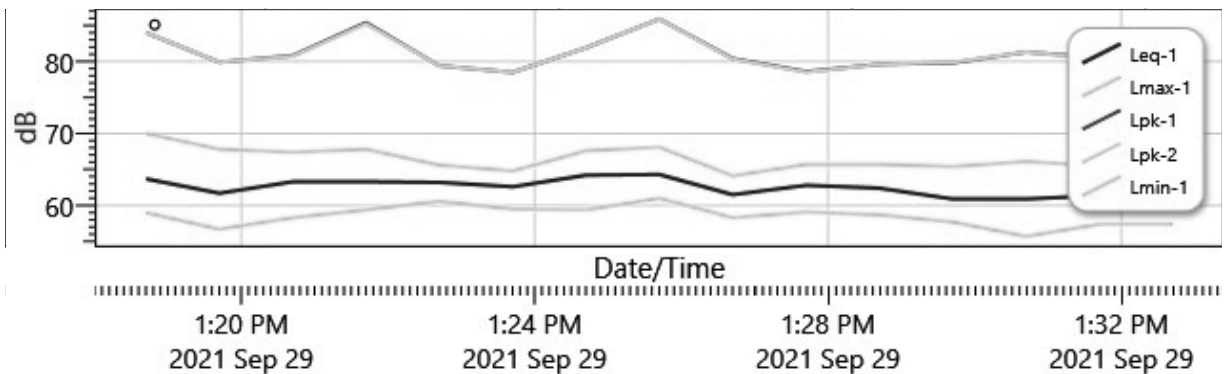
Exceedance Chart

S360_BIF030001_29092021_220454: Exceedance Chart



Logged Data Chart

S360_BIF030001_29092021_220454: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 1:18:42 PM	63.7	70	59	84
1:19:42 PM	61.7	67.8	56.7	79.9
1:20:42 PM	63.3	67.4	58.3	80.8
1:21:42 PM	63.3	67.8	59.4	85.4
1:22:42 PM	63.2	65.6	60.6	79.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:23:42 PM	62.6	64.8	59.5	78.5
1:24:42 PM	64.2	67.6	59.4	81.9
1:25:42 PM	64.3	68.1	61	85.9
1:26:42 PM	61.5	64.1	58.3	80.4
1:27:42 PM	62.8	65.7	59.1	78.6
1:28:42 PM	62.4	65.7	58.7	79.6
1:29:42 PM	60.9	65.4	57.7	79.8
1:30:42 PM	60.9	66.1	55.7	81.3
1:31:42 PM	61.4	65.5	57.4	80.5
1:32:42 PM	60.6	63.9	57.4	76

Session Report

9/30/2021

Information Panel

Name S035_BIF090005_29092021_193641
Start Time 9/29/2021 1:57:04 PM
Stop Time 9/29/2021 2:12:04 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 Top of Simulated wall - 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	79.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

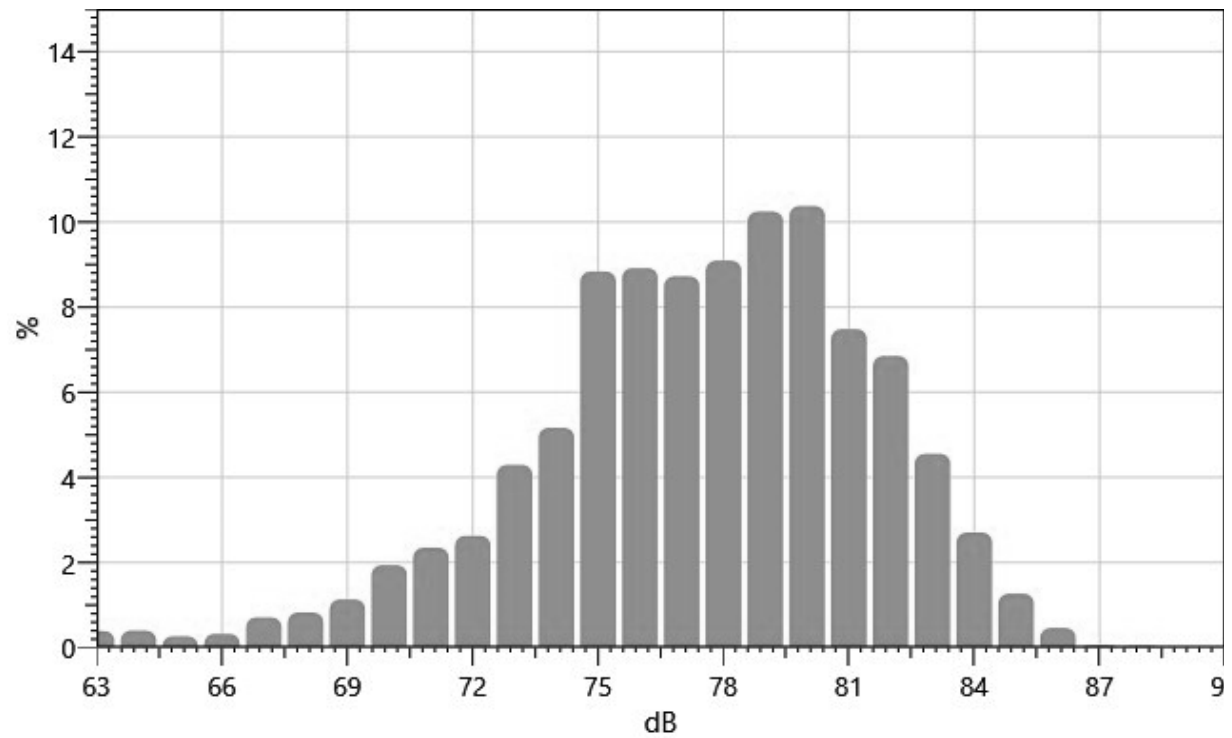
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
63:	0.01	0.06	0.01	0.02	0.01	0.01	0.04	0.05	0.10	0.08	0.39
64:	0.08	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.40
65:	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.26
66:	0.03	0.02	0.02	0.02	0.04	0.05	0.04	0.04	0.04	0.04	0.32
67:	0.03	0.05	0.05	0.10	0.09	0.09	0.10	0.06	0.07	0.06	0.71
68:	0.07	0.09	0.04	0.08	0.11	0.06	0.08	0.10	0.11	0.08	0.82
69:	0.07	0.09	0.11	0.21	0.18	0.10	0.10	0.10	0.07	0.11	1.13
70:	0.19	0.23	0.19	0.29	0.18	0.18	0.17	0.16	0.11	0.23	1.94
71:	0.23	0.26	0.23	0.26	0.26	0.23	0.24	0.19	0.23	0.21	2.35
72:	0.18	0.34	0.33	0.25	0.26	0.31	0.27	0.26	0.23	0.20	2.63
73:	0.36	0.40	0.47	0.39	0.39	0.45	0.41	0.44	0.48	0.50	4.29
74:	0.49	0.48	0.32	0.49	0.57	0.51	0.48	0.42	0.62	0.80	5.16
75:	0.94	0.86	0.73	0.67	0.80	0.91	0.92	1.08	0.92	1.01	8.84
76:	0.89	0.82	0.99	0.73	0.91	1.09	1.01	0.79	0.89	0.80	8.92

77:	0.86	0.96	0.57	0.97	0.98	0.83	0.88	1.02	0.86	0.78	8.72
78:	1.01	0.82	0.84	0.90	0.81	0.92	0.93	0.97	0.92	0.98	9.09
79:	0.82	0.89	1.01	0.91	0.95	1.03	1.02	1.15	1.33	1.13	10.24
80:	1.16	1.20	0.79	1.08	1.13	1.07	1.12	1.01	0.94	0.87	10.38
81:	0.78	0.83	0.74	0.67	0.81	0.67	0.63	0.83	0.77	0.75	7.48
82:	0.74	0.71	0.70	0.76	0.73	0.76	0.72	0.60	0.54	0.57	6.85
83:	0.59	0.49	0.38	0.56	0.51	0.41	0.39	0.40	0.41	0.43	4.55
84:	0.44	0.36	0.30	0.22	0.20	0.20	0.30	0.28	0.19	0.20	2.70
85:	0.23	0.18	0.15	0.17	0.15	0.11	0.11	0.06	0.06	0.05	1.27
86:	0.07	0.08	0.06	0.08	0.03	0.02	0.03	0.03	0.04	0.02	0.46
87:	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.06
88:	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

Statistics Chart

S035_BIF090005_29092021_193641: Statistics Chart



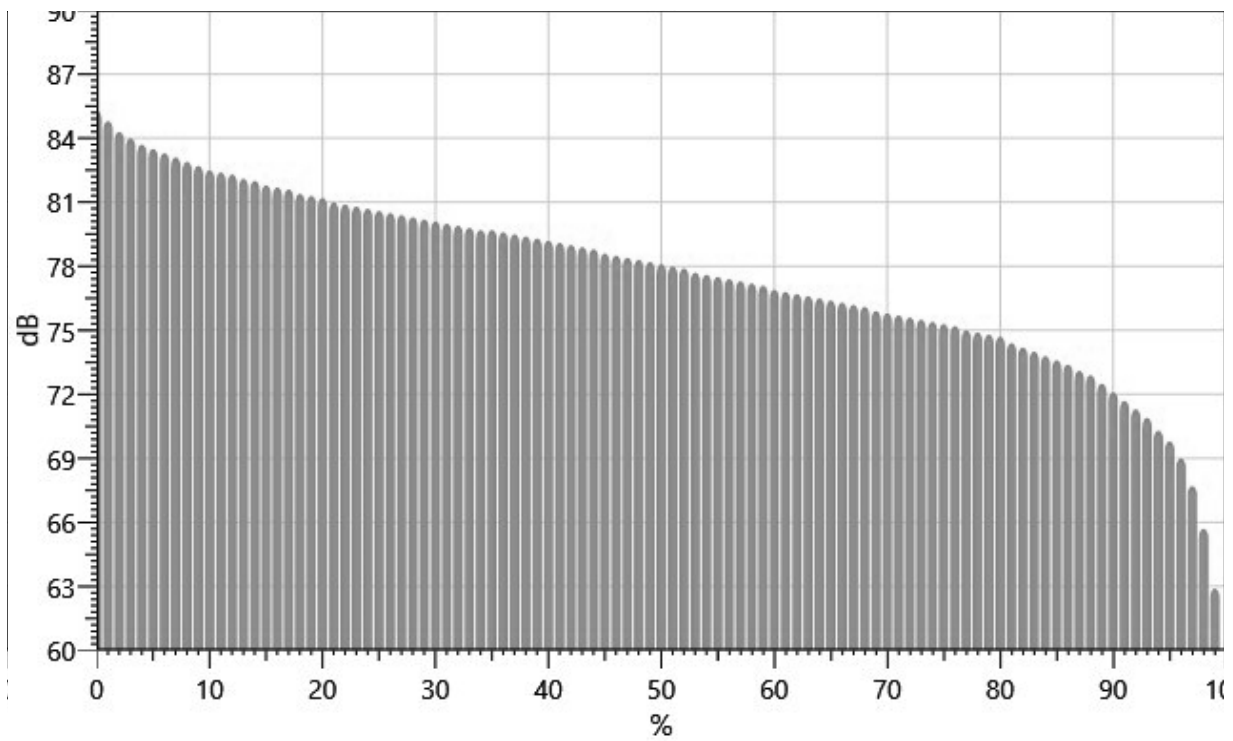
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		85.3	84.8	84.3	84.0	83.7	83.5	83.3	83.1	82.9
10%:	82.7	82.5	82.4	82.3	82.1	82.0	81.8	81.7	81.6	81.4
20%:	81.3	81.2	81.0	80.9	80.8	80.7	80.6	80.5	80.4	80.3

30%:	80.2	80.1	80.0	79.9	79.8	79.7	79.7	79.6	79.5	79.4
40%:	79.3	79.2	79.1	79.0	78.9	78.8	78.6	78.5	78.4	78.3
50%:	78.2	78.1	78.0	77.9	77.7	77.6	77.5	77.4	77.3	77.2
60%:	77.1	76.9	76.8	76.7	76.6	76.5	76.4	76.3	76.2	76.1
70%:	75.9	75.8	75.7	75.6	75.5	75.4	75.3	75.2	75.0	74.9
80%:	74.8	74.7	74.4	74.2	74.0	73.8	73.6	73.4	73.1	72.9
90%:	72.5	72.1	71.7	71.3	70.9	70.3	69.8	69.0	67.7	65.7
100%:	62.9									

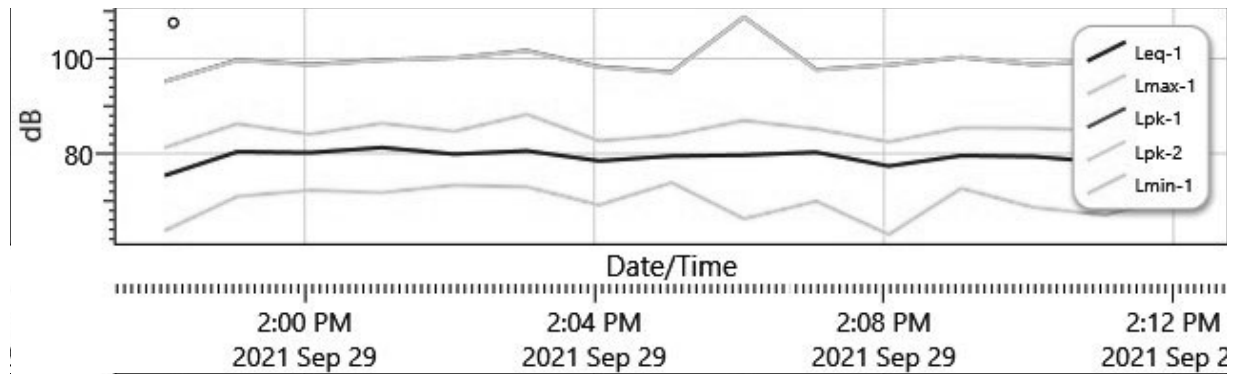
Exceedance Chart

S035_BIF090005_29092021_193641: Exceedance Chart



Logged Data Chart

S035_BIF090005_29092021_193641: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 1:58:04 PM	75.4	81.3	63.8	95.2
1:59:04 PM	80.4	86.3	71	99.7
2:00:04 PM	80.2	84.1	72.3	98.8
2:01:04 PM	81.3	86.4	71.8	99.7
2:02:04 PM	79.9	84.7	73.4	100.2
2:03:04 PM	80.6	88.3	73	101.7
2:04:04 PM	78.5	82.7	69.2	98.3
2:05:04 PM	79.5	83.9	73.9	97.2
2:06:04 PM	79.7	87	66.3	108.8
2:07:04 PM	80.3	85.2	70	97.7
2:08:04 PM	77.4	82.5	63	98.7
2:09:04 PM	79.6	85.5	72.7	100.3
2:10:04 PM	79.4	85.4	68.7	98.8
2:11:04 PM	78.2	84.8	67.1	99.5
2:12:04 PM	79.4	85.7	71.3	99.4

Session Report

9/30/2021

Information Panel

Name S035_BIF090003_29092021_202254
Start Time 9/29/2021 1:56:57 PM
Stop Time 9/29/2021 2:11:57 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5' from Simulated wall 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	75.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

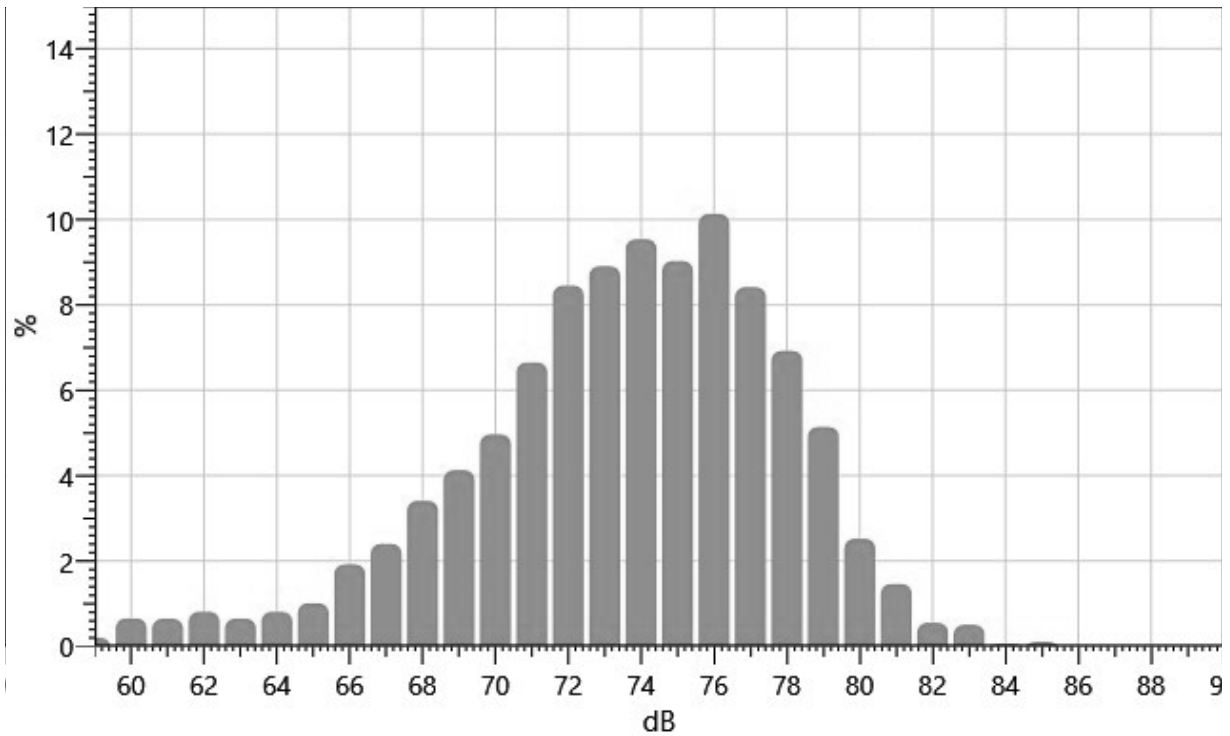
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.02	0.03	0.03	0.03	0.01	0.02	0.01	0.02	0.03	0.20
60:	0.05	0.03	0.02	0.02	0.06	0.04	0.05	0.11	0.13	0.15	0.65
61:	0.12	0.10	0.05	0.08	0.05	0.04	0.05	0.05	0.04	0.06	0.64
62:	0.08	0.06	0.11	0.09	0.08	0.06	0.07	0.08	0.09	0.09	0.81
63:	0.08	0.10	0.05	0.06	0.06	0.07	0.06	0.05	0.06	0.05	0.65
64:	0.06	0.05	0.09	0.11	0.09	0.09	0.08	0.08	0.08	0.07	0.81
65:	0.11	0.14	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.11	1.01
66:	0.17	0.20	0.18	0.22	0.17	0.22	0.25	0.22	0.16	0.14	1.92
67:	0.14	0.13	0.14	0.23	0.26	0.30	0.35	0.24	0.28	0.33	2.40
68:	0.39	0.31	0.23	0.35	0.34	0.35	0.27	0.32	0.45	0.40	3.41
69:	0.33	0.40	0.36	0.43	0.52	0.46	0.42	0.38	0.39	0.44	4.13
70:	0.43	0.38	0.38	0.40	0.46	0.43	0.53	0.67	0.66	0.62	4.97
71:	0.72	0.66	0.41	0.66	0.68	0.73	0.64	0.65	0.80	0.71	6.65
72:	0.85	0.89	0.74	0.92	0.80	0.87	0.88	0.83	0.79	0.87	8.45

73:	0.87	0.88	0.84	0.98	0.83	0.99	0.77	0.87	0.91	0.98	8.91
74:	1.08	1.01	0.63	0.92	0.91	1.14	0.97	0.96	1.00	0.92	9.54
75:	0.86	0.88	0.80	0.82	0.95	1.03	0.94	0.87	0.88	1.00	9.03
76:	1.15	1.13	1.15	0.98	1.06	1.02	0.87	0.83	0.93	1.01	10.13
77:	0.98	0.94	0.75	0.88	0.77	0.78	0.83	0.79	0.84	0.86	8.41
78:	0.91	0.84	0.78	0.72	0.66	0.68	0.76	0.71	0.46	0.41	6.92
79:	0.43	0.44	0.47	0.51	0.67	0.61	0.61	0.48	0.53	0.39	5.14
80:	0.43	0.36	0.30	0.29	0.27	0.16	0.14	0.20	0.21	0.16	2.52
81:	0.16	0.16	0.13	0.18	0.17	0.18	0.15	0.16	0.10	0.08	1.46
82:	0.08	0.12	0.08	0.07	0.04	0.03	0.03	0.03	0.03	0.04	0.55
83:	0.08	0.06	0.04	0.07	0.03	0.04	0.07	0.05	0.05	0.02	0.51
84:	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.06
85:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.00	0.10

Statistics Chart

S035_BIF090003_29092021_202254: Statistics Chart



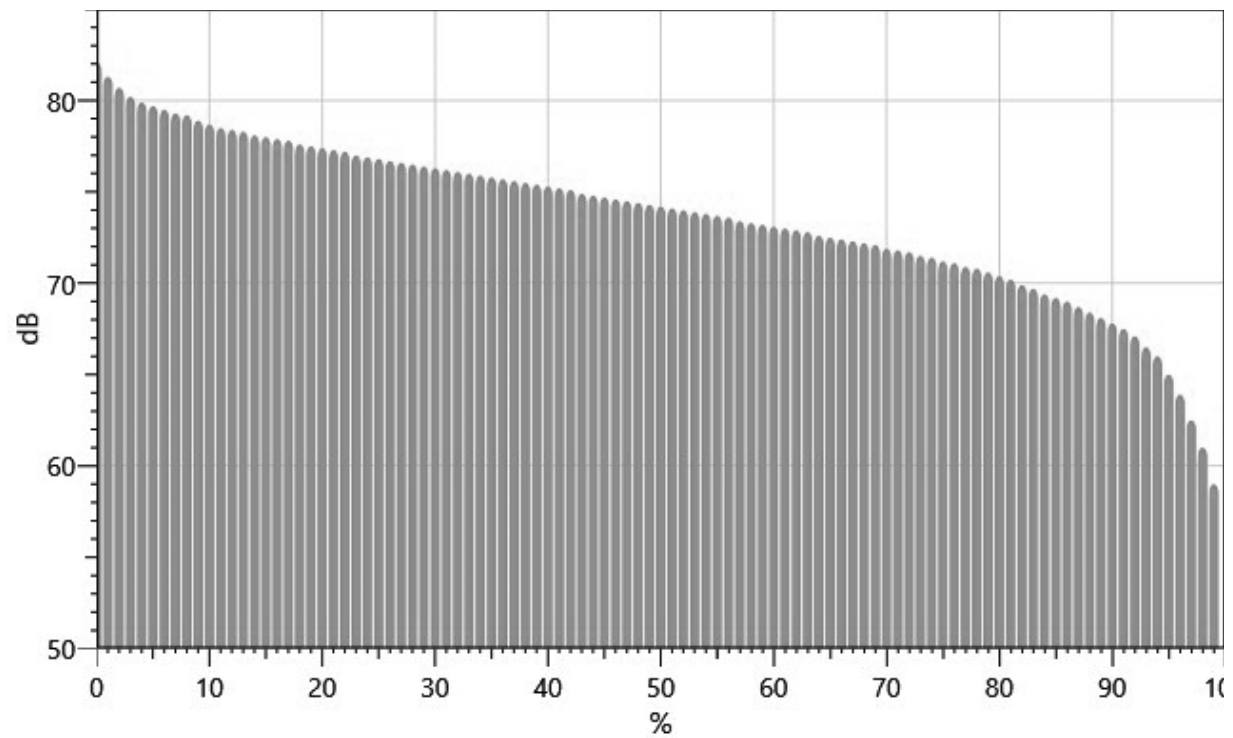
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		82.1	81.3	80.7	80.2	79.9	79.7	79.5	79.3	79.2
10%:	78.9	78.7	78.5	78.4	78.3	78.1	78.0	77.9	77.8	77.6

20%:	77.5	77.4	77.3	77.2	77.0	76.9	76.8	76.7	76.6	76.5
30%:	76.4	76.3	76.2	76.1	76.0	75.9	75.8	75.7	75.6	75.5
40%:	75.4	75.3	75.2	75.1	74.9	74.8	74.7	74.6	74.5	74.4
50%:	74.3	74.2	74.1	74.0	73.9	73.8	73.7	73.6	73.4	73.3
60%:	73.2	73.1	73.0	72.9	72.8	72.6	72.5	72.4	72.3	72.2
70%:	72.1	71.9	71.8	71.7	71.5	71.4	71.2	71.1	70.9	70.8
80%:	70.6	70.4	70.2	69.9	69.7	69.4	69.2	69.0	68.7	68.4
90%:	68.1	67.8	67.5	67.1	66.5	66.0	65.0	63.9	62.5	61.0
100%:	59.0									

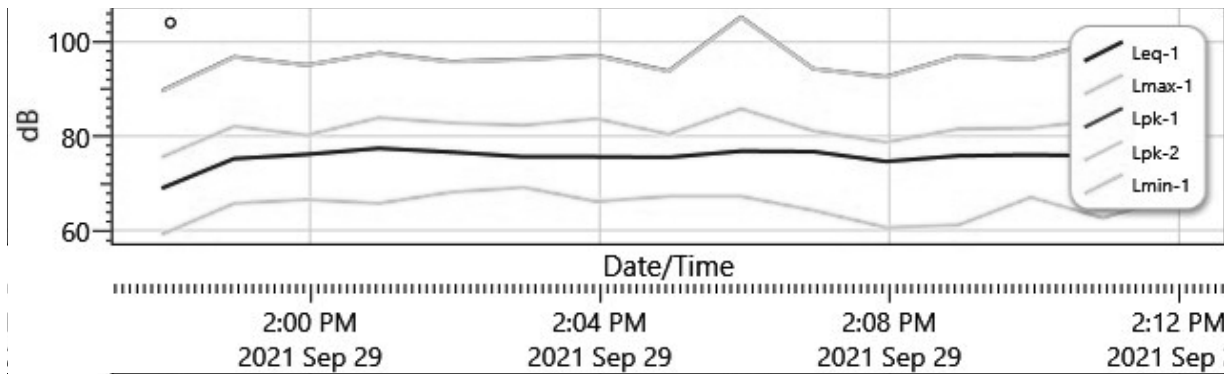
Exceedance Chart

S035_BIF090003_29092021_202254: Exceedance Chart



Logged Data Chart

S035_BIF090003_29092021_202254: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 1:57:57 PM	68.9	75.5	59.1	89.6
1:58:57 PM	75.2	82.1	65.7	96.8
1:59:57 PM	76.1	80.2	66.5	95.1
2:00:57 PM	77.4	83.9	65.7	97.6
2:01:57 PM	76.6	82.8	68.1	95.8
2:02:57 PM	75.6	82.3	69.1	96.3
2:03:57 PM	75.6	83.7	66.1	97.1
2:04:57 PM	75.5	80.4	67.2	93.8
2:05:57 PM	76.8	85.8	67.2	105.3
2:06:57 PM	76.7	81.1	64.2	94.3
2:07:57 PM	74.6	78.7	60.6	92.6
2:08:57 PM	75.8	81.5	61.1	97
2:09:57 PM	76	81.7	67	96.3
2:10:57 PM	75.8	83.5	62.6	100.3
2:11:57 PM	75.1	82.2	67.3	95.6

Session Report

9/30/2021

Information Panel

Name S062_BIG080015_29092021_205941
Start Time 9/29/2021 1:56:52 PM
Stop Time 9/29/2021 2:11:52 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from simulated wall 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	69.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

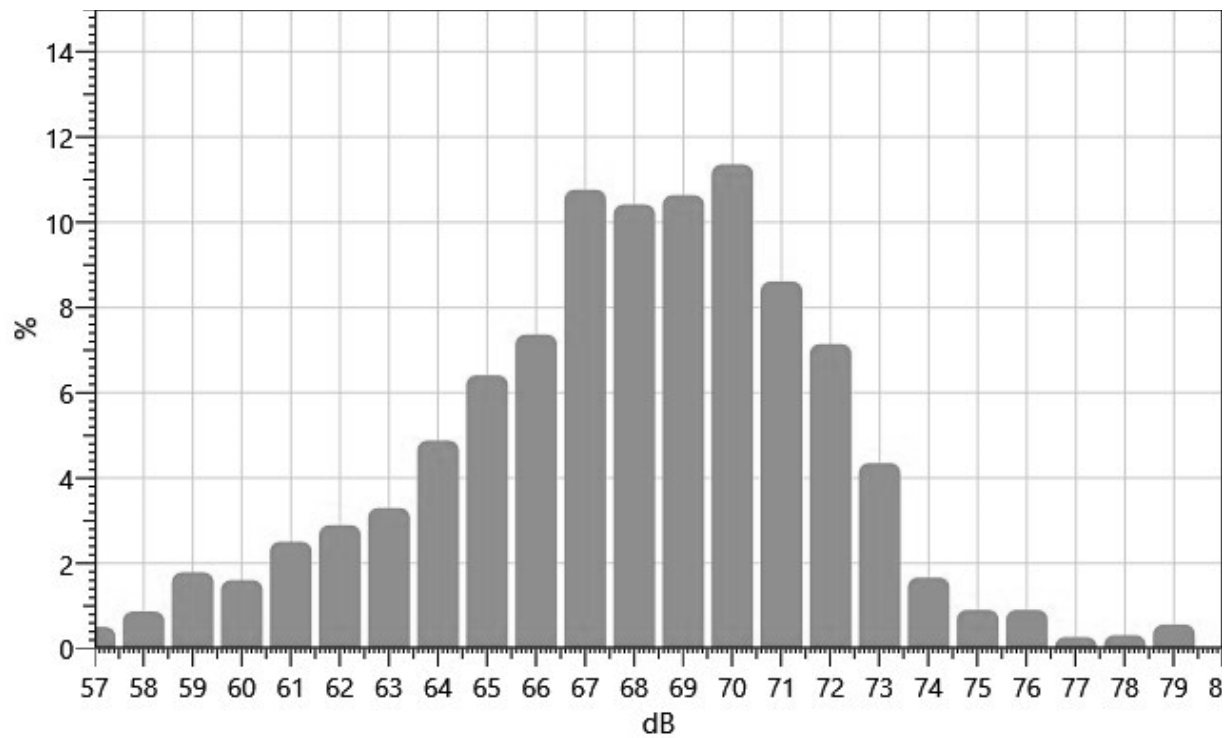
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.01	0.03	0.05	0.06	0.04	0.02	0.09	0.08	0.09	0.05	0.51
58:	0.09	0.10	0.06	0.06	0.11	0.10	0.06	0.09	0.10	0.09	0.87
59:	0.12	0.16	0.16	0.22	0.20	0.20	0.21	0.20	0.19	0.13	1.78
60:	0.21	0.16	0.16	0.16	0.17	0.17	0.15	0.18	0.15	0.10	1.60
61:	0.15	0.15	0.16	0.19	0.24	0.33	0.32	0.35	0.28	0.31	2.51
62:	0.40	0.39	0.33	0.35	0.21	0.22	0.18	0.26	0.26	0.30	2.90
63:	0.24	0.22	0.26	0.36	0.34	0.38	0.30	0.38	0.41	0.41	3.30
64:	0.39	0.39	0.37	0.44	0.47	0.54	0.49	0.49	0.63	0.67	4.88
65:	0.66	0.57	0.52	0.63	0.58	0.71	0.76	0.75	0.68	0.54	6.41
66:	0.82	0.65	0.68	0.63	0.70	0.91	0.74	0.73	0.76	0.73	7.36
67:	0.87	1.02	1.07	1.11	1.02	1.06	1.18	1.19	1.04	1.20	10.76
68:	1.27	1.32	0.83	1.04	0.86	0.93	0.90	1.02	1.17	1.08	10.42
69:	1.05	0.89	0.96	1.08	1.27	1.23	1.13	1.03	1.05	0.96	10.63
70:	1.15	1.08	1.25	0.97	1.13	1.10	1.12	1.03	1.19	1.34	11.36

71:	1.15	1.18	0.68	0.88	0.80	0.76	0.85	0.88	0.80	0.64	8.61
72:	0.60	0.60	0.56	0.74	0.79	0.85	0.95	0.86	0.67	0.53	7.14
73:	0.53	0.47	0.57	0.45	0.46	0.54	0.37	0.34	0.35	0.27	4.35
74:	0.23	0.22	0.15	0.23	0.24	0.17	0.12	0.09	0.09	0.12	1.66
75:	0.12	0.13	0.11	0.10	0.09	0.07	0.06	0.08	0.08	0.06	0.91
76:	0.09	0.09	0.12	0.07	0.09	0.18	0.11	0.04	0.05	0.05	0.90
77:	0.03	0.03	0.01	0.03	0.02	0.03	0.02	0.03	0.03	0.03	0.27
78:	0.03	0.04	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.31
79:	0.03	0.04	0.04	0.04	0.12	0.11	0.06	0.11	0.02	0.00	0.56

Statistics Chart

S062_BIG080015_29092021_205941: Statistics Chart



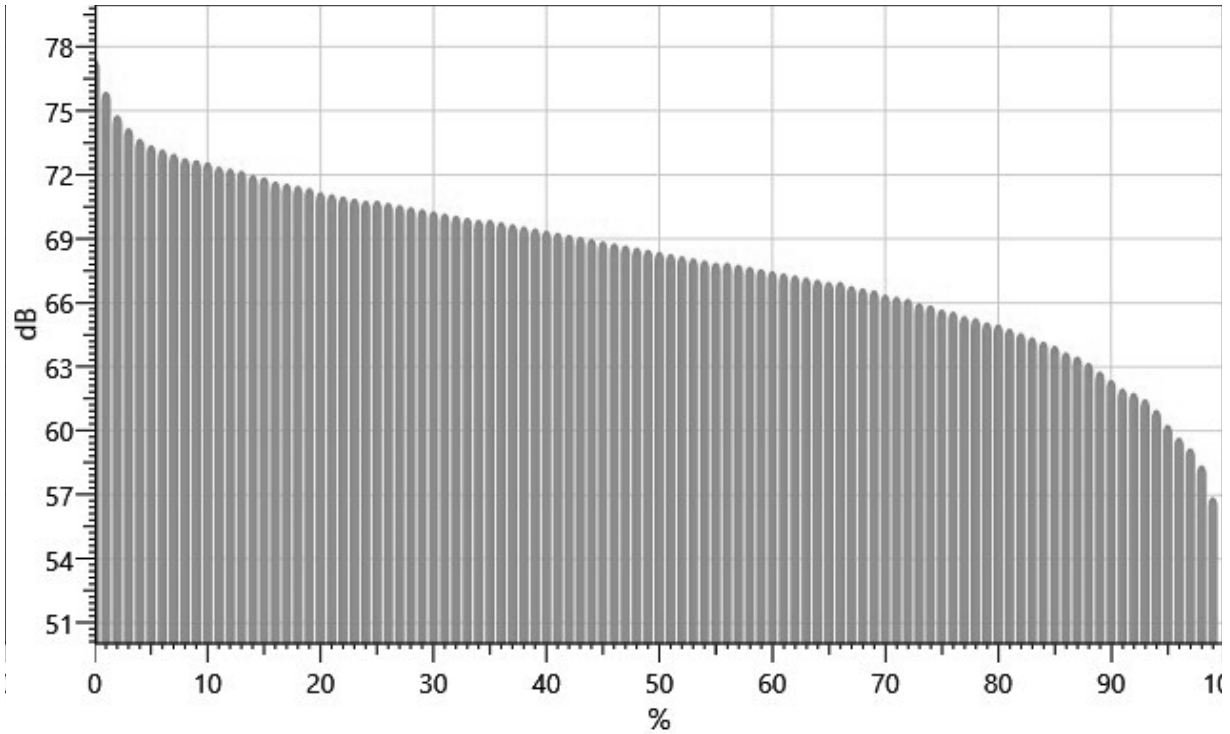
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		77.4	75.9	74.8	74.2	73.7	73.4	73.2	73.0	72.8
10%:	72.7	72.6	72.4	72.3	72.2	72.0	71.9	71.7	71.6	71.5
20%:	71.4	71.2	71.1	71.0	70.9	70.8	70.8	70.7	70.6	70.5
30%:	70.4	70.3	70.2	70.1	70.0	69.9	69.9	69.8	69.7	69.6
40%:	69.5	69.4	69.3	69.2	69.1	69.0	68.9	68.8	68.7	68.6
50%:	68.5	68.4	68.3	68.2	68.1	68.0	67.9	67.9	67.8	67.7

60%:	67.6	67.5	67.4	67.3	67.2	67.1	67.0	67.0	66.8	66.7
70%:	66.6	66.4	66.3	66.2	66.0	65.9	65.7	65.6	65.4	65.3
80%:	65.1	65.0	64.8	64.6	64.4	64.2	64.0	63.7	63.5	63.2
90%:	62.8	62.4	62.0	61.8	61.5	61.0	60.3	59.7	59.2	58.4
100%:	56.9									

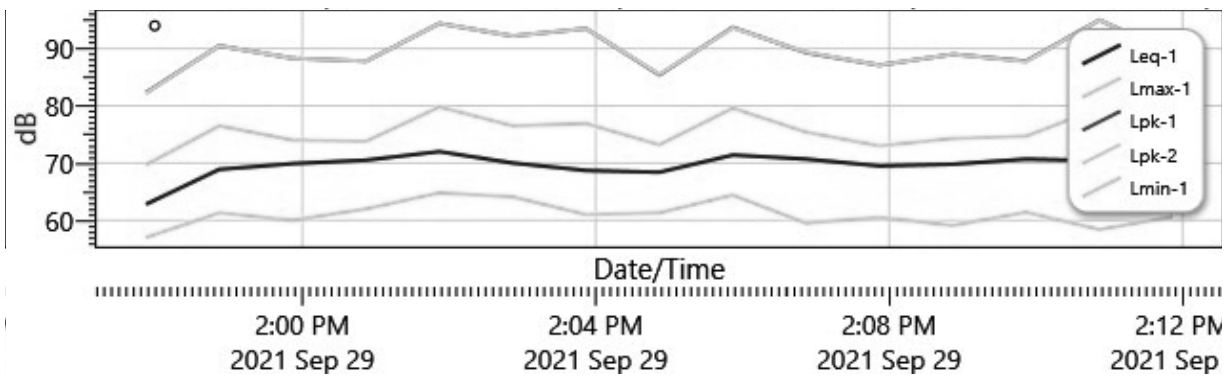
Exceedance Chart

S062_BIG080015_29092021_205941: Exceedance Chart



Logged Data Chart

S062_BIG080015_29092021_205941: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 1:57:52 PM	62.8	69.7	57	82.3
1:58:52 PM	68.9	76.5	61.3	90.5
1:59:52 PM	69.9	74	60	88.3
2:00:52 PM	70.5	73.8	62	87.8
2:01:52 PM	72	79.8	64.8	94.4
2:02:52 PM	70	76.5	64.1	92.2
2:03:52 PM	68.7	76.9	61	93.5
2:04:52 PM	68.4	73.2	61.3	85.4
2:05:52 PM	71.4	79.6	64.4	93.7
2:06:52 PM	70.7	75.4	59.5	89.3
2:07:52 PM	69.5	73	60.5	87.1
2:08:52 PM	69.8	74.3	59.1	89
2:09:52 PM	70.7	74.7	61.4	87.8
2:10:52 PM	70.4	79.6	58.4	95
2:11:52 PM	70	78.7	60.6	89.1

Session Report

9/30/2021

Information Panel

Name S017_BIH050001_29092021_213236
Start Time 9/29/2021 1:57:09 PM
Stop Time 9/29/2021 2:12:09 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from simulated wall 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	71.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

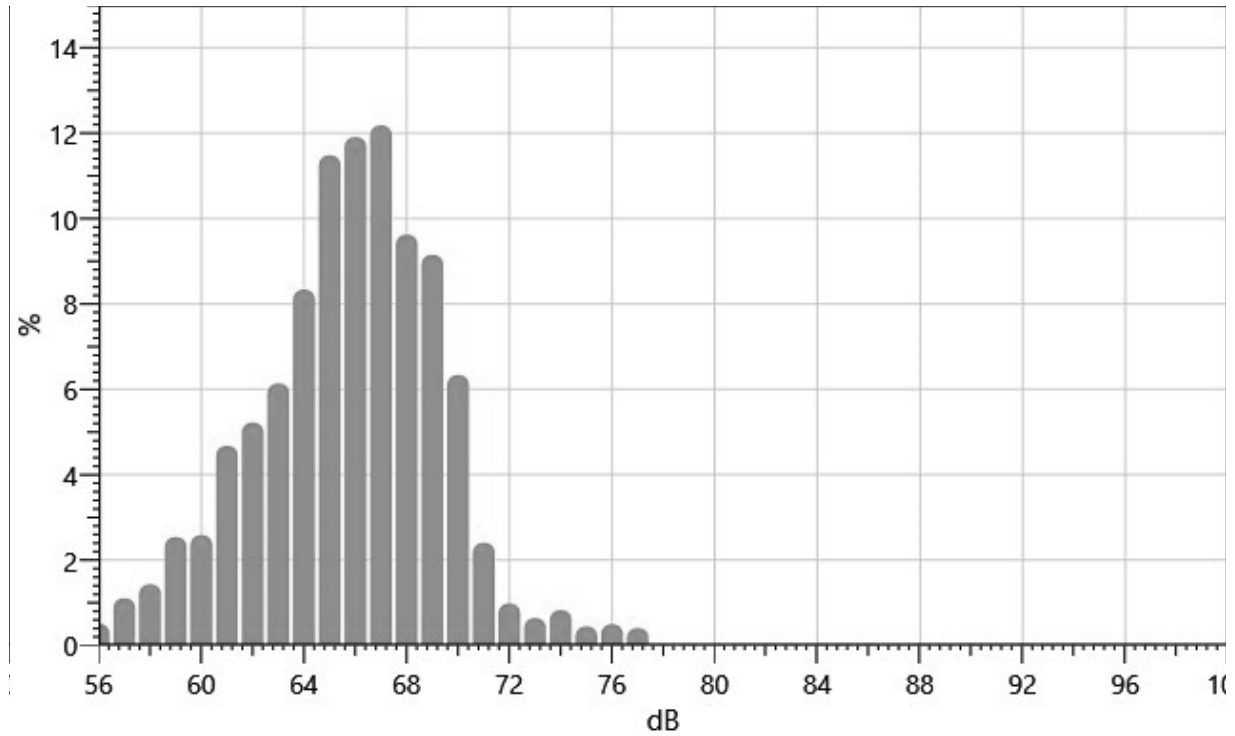
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.00	0.02	0.05	0.02	0.07	0.17	0.18	0.51
57:	0.14	0.11	0.10	0.11	0.12	0.08	0.14	0.09	0.12	0.10	1.11
58:	0.15	0.17	0.16	0.17	0.11	0.12	0.14	0.10	0.13	0.18	1.43
59:	0.19	0.15	0.29	0.29	0.32	0.44	0.29	0.21	0.20	0.16	2.54
60:	0.18	0.23	0.20	0.22	0.21	0.22	0.26	0.34	0.40	0.32	2.59
61:	0.33	0.34	0.44	0.45	0.45	0.47	0.50	0.45	0.58	0.66	4.68
62:	0.60	0.49	0.48	0.53	0.53	0.45	0.54	0.57	0.51	0.50	5.22
63:	0.68	0.61	0.58	0.63	0.61	0.57	0.56	0.51	0.57	0.82	6.14
64:	0.79	0.73	0.90	0.82	0.74	0.72	0.77	0.96	0.87	1.04	8.34
65:	1.05	1.02	0.94	1.03	1.18	1.19	1.32	1.35	1.15	1.25	11.48
66:	1.27	1.43	1.23	0.99	0.95	1.23	1.28	1.10	1.19	1.23	11.91
67:	1.21	1.23	1.16	1.07	1.07	1.15	1.29	1.44	1.39	1.18	12.18
68:	1.42	1.30	0.68	0.98	1.00	0.99	0.72	0.71	0.85	0.98	9.63
69:	1.15	0.95	0.82	1.11	0.94	0.82	0.68	0.88	0.95	0.86	9.15

70:	0.67	0.60	0.72	0.73	0.76	0.65	0.60	0.55	0.63	0.43	6.34
71:	0.50	0.51	0.20	0.26	0.19	0.18	0.18	0.13	0.13	0.12	2.41
72:	0.10	0.10	0.10	0.12	0.12	0.14	0.07	0.07	0.11	0.06	0.98
73:	0.06	0.13	0.06	0.06	0.05	0.07	0.07	0.06	0.05	0.04	0.64
74:	0.06	0.10	0.03	0.06	0.07	0.13	0.09	0.06	0.12	0.11	0.83
75:	0.06	0.03	0.05	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.45
76:	0.05	0.03	0.05	0.04	0.11	0.06	0.07	0.03	0.03	0.03	0.50
77:	0.04	0.04	0.07	0.05	0.03	0.02	0.02	0.06	0.07	0.01	0.41
78:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
79:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
80:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
81:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
82:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
83:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
84:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
85:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
86:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
87:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
88:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
89:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
90:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
91:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
92:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
93:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
94:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
95:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
96:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
97:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
98:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

Statistics Chart

S017_BIH050001_29092021_213236: Statistics Chart

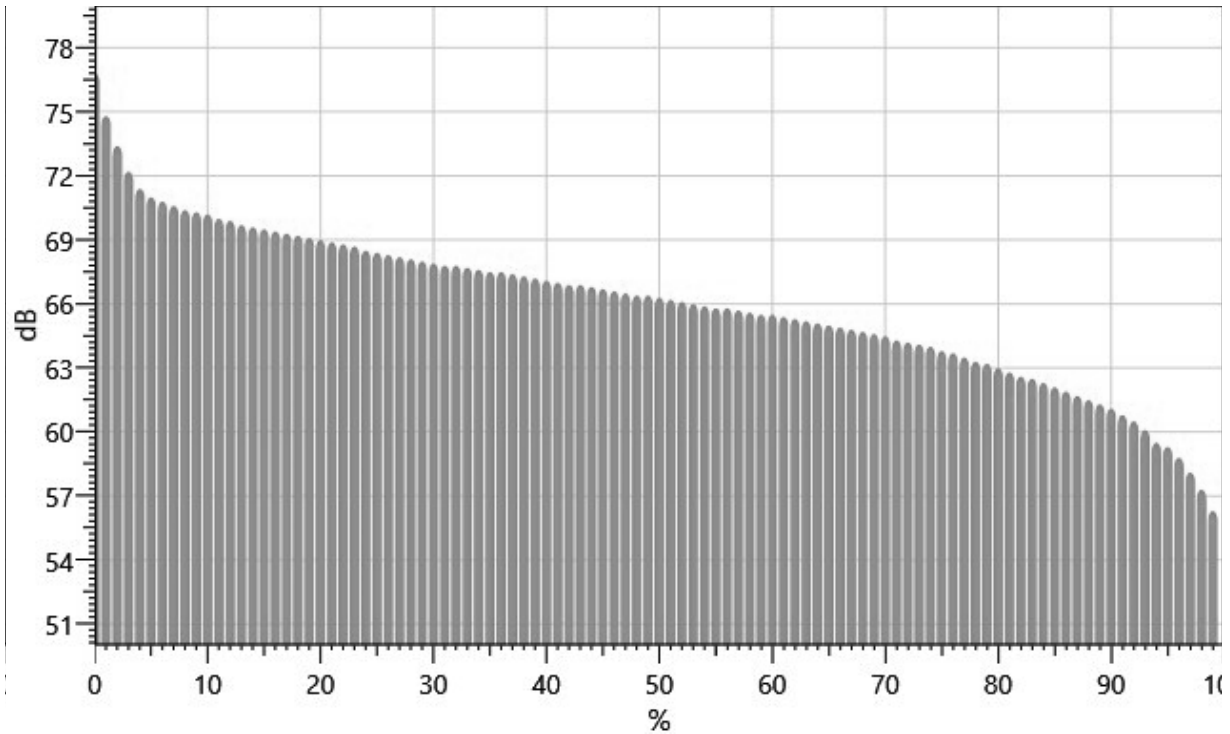


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		76.8	74.8	73.4	72.2	71.4	71.0	70.8	70.6	70.4
10%:	70.3	70.2	70.0	69.9	69.7	69.6	69.5	69.4	69.3	69.2
20%:	69.1	69.0	68.9	68.8	68.7	68.5	68.4	68.3	68.2	68.1
30%:	68.0	67.9	67.8	67.8	67.7	67.6	67.5	67.5	67.4	67.3
40%:	67.2	67.1	67.0	66.9	66.9	66.8	66.7	66.6	66.5	66.4
50%:	66.4	66.3	66.2	66.1	66.0	65.9	65.8	65.8	65.7	65.6
60%:	65.5	65.5	65.4	65.3	65.2	65.1	65.0	64.9	64.8	64.7
70%:	64.6	64.5	64.3	64.2	64.1	64.0	63.8	63.7	63.5	63.3
80%:	63.2	63.0	62.8	62.6	62.5	62.3	62.1	61.9	61.7	61.5
90%:	61.3	61.1	60.8	60.5	60.1	59.5	59.3	58.8	58.1	57.3
100%:	56.3									

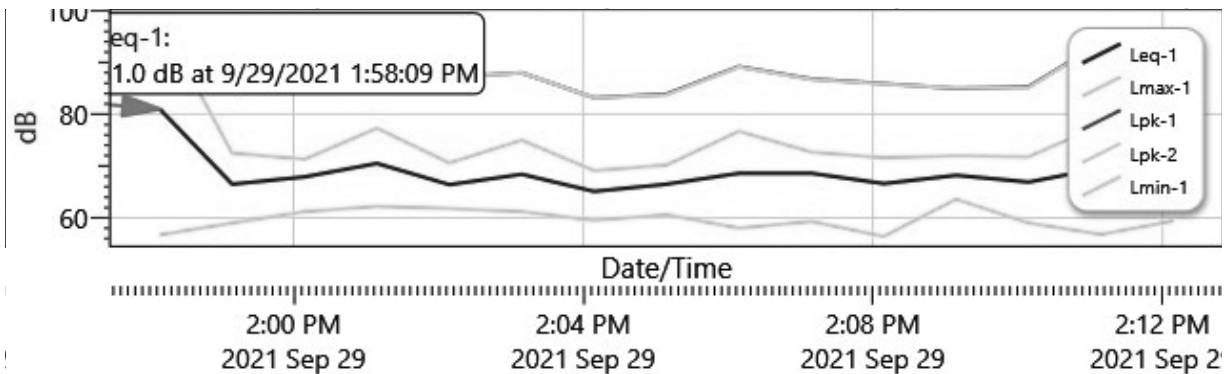
Exceedance Chart

S017_BIH050001_29092021_213236: Exceedance Chart



Logged Data Chart

S017_BIH050001_29092021_213236: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 1:58:09 PM	81	98.4	56.7	87.1
1:59:09 PM	66.5	72.5	59	84.9
2:00:09 PM	67.9	71.3	61.2	84.6
2:01:09 PM	70.5	77.3	62.2	91.4
2:02:09 PM	66.4	70.6	61.8	87.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:03:09 PM	68.4	75	61.2	88
2:04:09 PM	65.1	69.1	59.5	83.2
2:05:09 PM	66.5	70.2	60.6	83.9
2:06:09 PM	68.6	76.7	58	89.2
2:07:09 PM	68.6	72.7	59.3	86.8
2:08:09 PM	66.6	71.6	56.4	85.9
2:09:09 PM	68.2	72	63.6	85
2:10:09 PM	66.9	71.8	59	85.3
2:11:09 PM	69.6	77.9	56.8	93.8
2:12:09 PM	66.7	73.8	59.4	85.7

Session Report

9/30/2021

Information Panel

Name S361_BIF030001_29092021_220455
Start Time 9/29/2021 1:57:23 PM
Stop Time 9/29/2021 2:12:23 PM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' from simulated wall 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	65.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

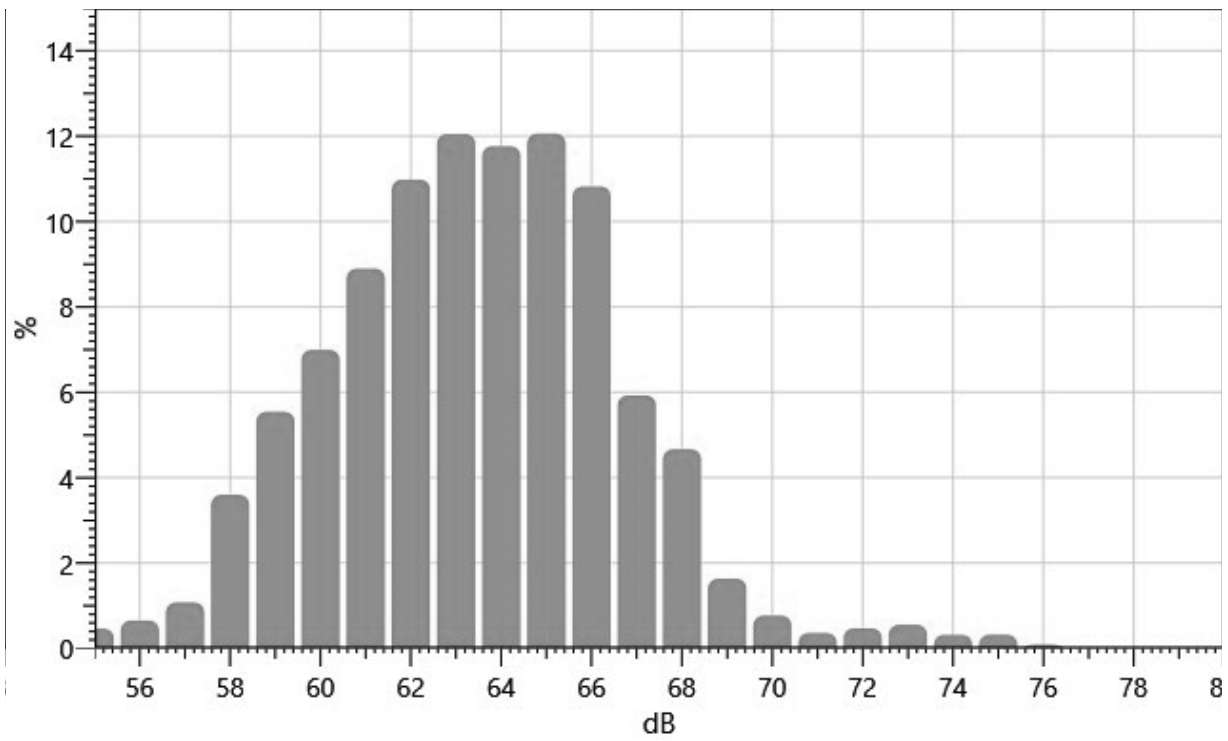
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.05	0.02	0.02	0.03	0.07	0.06	0.07	0.08	0.06	0.46
56:	0.03	0.04	0.04	0.04	0.04	0.12	0.15	0.11	0.04	0.04	0.65
57:	0.10	0.07	0.07	0.07	0.12	0.12	0.09	0.12	0.10	0.21	1.07
58:	0.33	0.19	0.11	0.21	0.28	0.38	0.44	0.55	0.49	0.63	3.60
59:	0.39	0.54	0.47	0.47	0.44	0.61	0.52	0.62	0.77	0.71	5.54
60:	0.58	0.62	0.65	0.63	0.62	0.62	1.01	0.71	0.76	0.79	6.99
61:	0.80	0.76	0.47	0.93	1.28	1.13	0.94	0.72	0.80	1.07	8.90
62:	0.95	0.91	1.07	1.30	1.17	1.19	1.24	1.04	1.05	1.05	10.98
63:	1.05	1.05	0.96	1.03	1.03	1.27	1.24	1.48	1.51	1.43	12.05
64:	1.32	1.27	0.93	1.20	1.17	1.18	1.17	1.08	1.19	1.26	11.77
65:	1.05	1.06	1.26	1.14	1.14	1.26	1.40	1.15	1.27	1.33	12.06
66:	1.10	1.13	1.23	1.34	1.31	1.10	0.94	0.95	0.74	0.98	10.82
67:	0.63	0.75	0.51	0.56	0.52	0.50	0.50	0.54	0.63	0.80	5.92
68:	0.68	0.52	0.74	0.53	0.36	0.36	0.45	0.37	0.36	0.28	4.66

69:	0.19	0.15	0.23	0.24	0.10	0.16	0.18	0.14	0.15	0.08	1.63
70:	0.09	0.11	0.07	0.10	0.07	0.11	0.10	0.03	0.06	0.03	0.77
71:	0.03	0.05	0.04	0.03	0.03	0.03	0.04	0.03	0.03	0.04	0.36
72:	0.05	0.05	0.03	0.04	0.04	0.04	0.07	0.06	0.04	0.04	0.47
73:	0.06	0.07	0.09	0.11	0.03	0.04	0.02	0.02	0.06	0.04	0.55
74:	0.05	0.03	0.01	0.01	0.03	0.05	0.07	0.02	0.03	0.02	0.32
75:	0.06	0.06	0.05	0.03	0.03	0.01	0.02	0.01	0.01	0.04	0.32
76:	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09

Statistics Chart

S361_BIF030001_29092021_220455: Statistics Chart



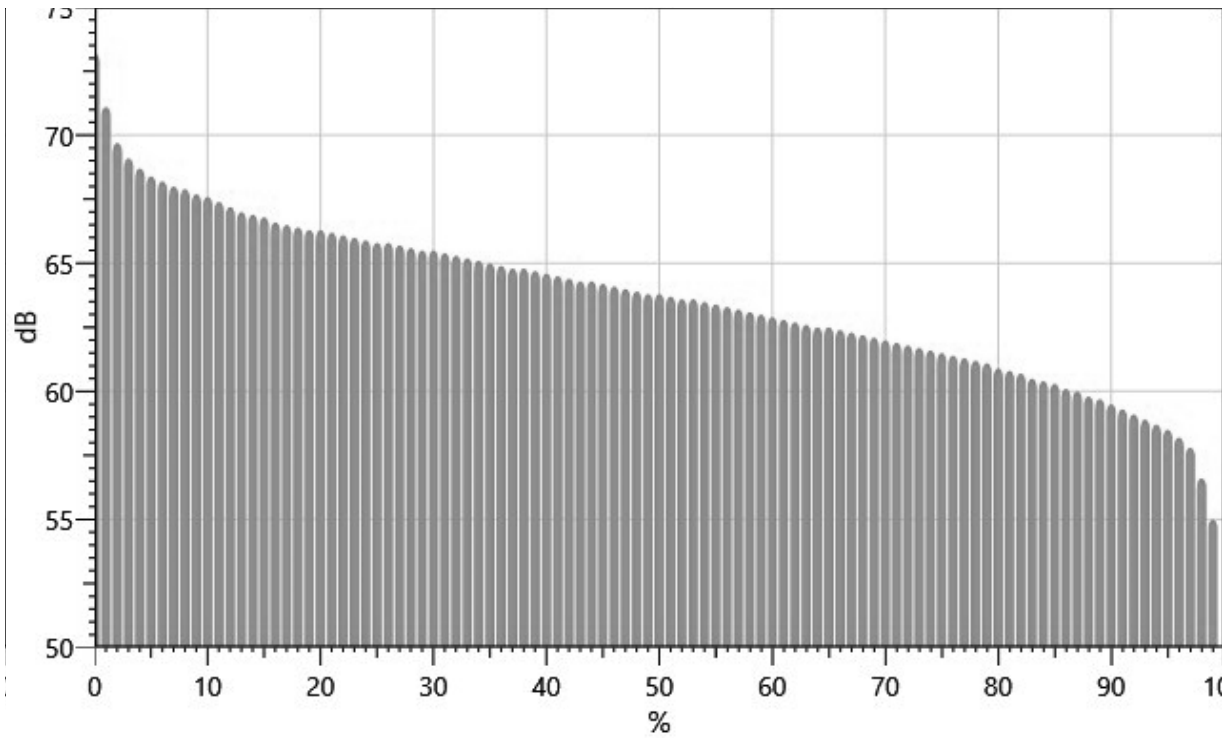
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		73.2	71.1	69.7	69.1	68.7	68.4	68.2	68.0	67.9
10%:	67.7	67.6	67.4	67.2	67.0	66.9	66.8	66.6	66.5	66.4
20%:	66.3	66.3	66.2	66.1	66.0	65.9	65.8	65.8	65.7	65.6
30%:	65.5	65.5	65.4	65.3	65.2	65.1	65.0	64.9	64.8	64.8
40%:	64.7	64.6	64.5	64.4	64.3	64.3	64.2	64.1	64.0	63.9
50%:	63.8	63.8	63.7	63.6	63.6	63.5	63.4	63.3	63.2	63.1
60%:	63.0	62.9	62.8	62.7	62.6	62.5	62.5	62.4	62.3	62.2

70%:	62.1	62.0	61.9	61.8	61.7	61.6	61.5	61.4	61.3	61.2
80%:	61.1	60.9	60.8	60.7	60.5	60.4	60.3	60.1	60.0	59.8
90%:	59.7	59.5	59.3	59.1	58.9	58.7	58.5	58.2	57.8	56.6
100%:	55.0									

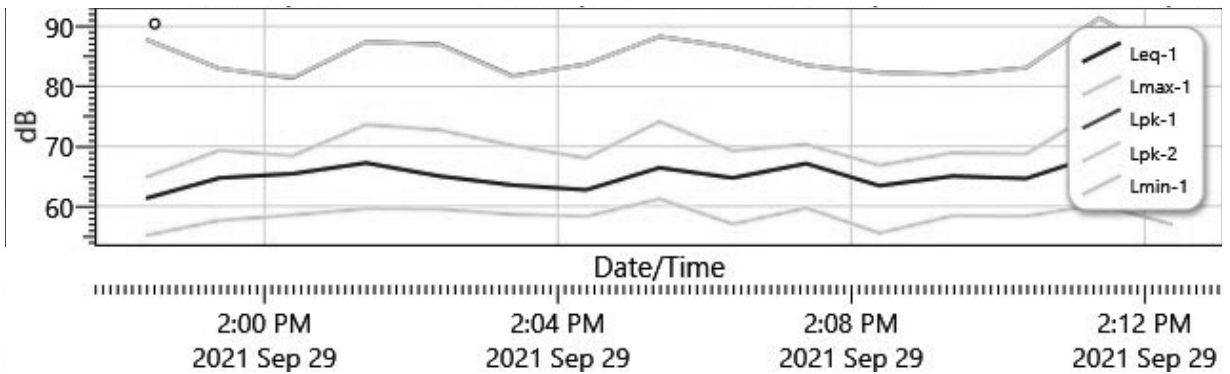
Exceedance Chart

S361_BIF030001_29092021_220455: Exceedance Chart



Logged Data Chart

S361_BIF030001_29092021_220455: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
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Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 1:58:23 PM	61.3	64.8	55.1	87.8
1:59:23 PM	64.7	69.3	57.6	83
2:00:23 PM	65.4	68.4	58.5	81.4
2:01:23 PM	67.2	73.6	59.6	87.4
2:02:23 PM	65	72.7	59.5	87
2:03:23 PM	63.5	70.1	58.6	81.7
2:04:23 PM	62.7	68	58.3	83.7
2:05:23 PM	66.4	74.1	61.2	88.3
2:06:23 PM	64.7	69.2	57	86.5
2:07:23 PM	67.1	70.3	59.7	83.5
2:08:23 PM	63.4	66.8	55.5	82.3
2:09:23 PM	65	68.9	58.4	82
2:10:23 PM	64.6	68.7	58.3	83.1
2:11:23 PM	68.6	76.1	60.3	91.4
2:12:23 PM	63.2	68.7	56.9	84.9

Session Report

9/30/2021

Information Panel

Name S036_BIF090005_29092021_193643
 Start Time 9/29/2021 2:45:01 PM
 Stop Time 9/29/2021 3:00:01 PM
 Device Name BIF090005
 Model Type SoundPro DL
 Device Firmware Rev R.13H
 Comments Meter 1 Top of existing concrete wall 9-29 (2) afternoon

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	81.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

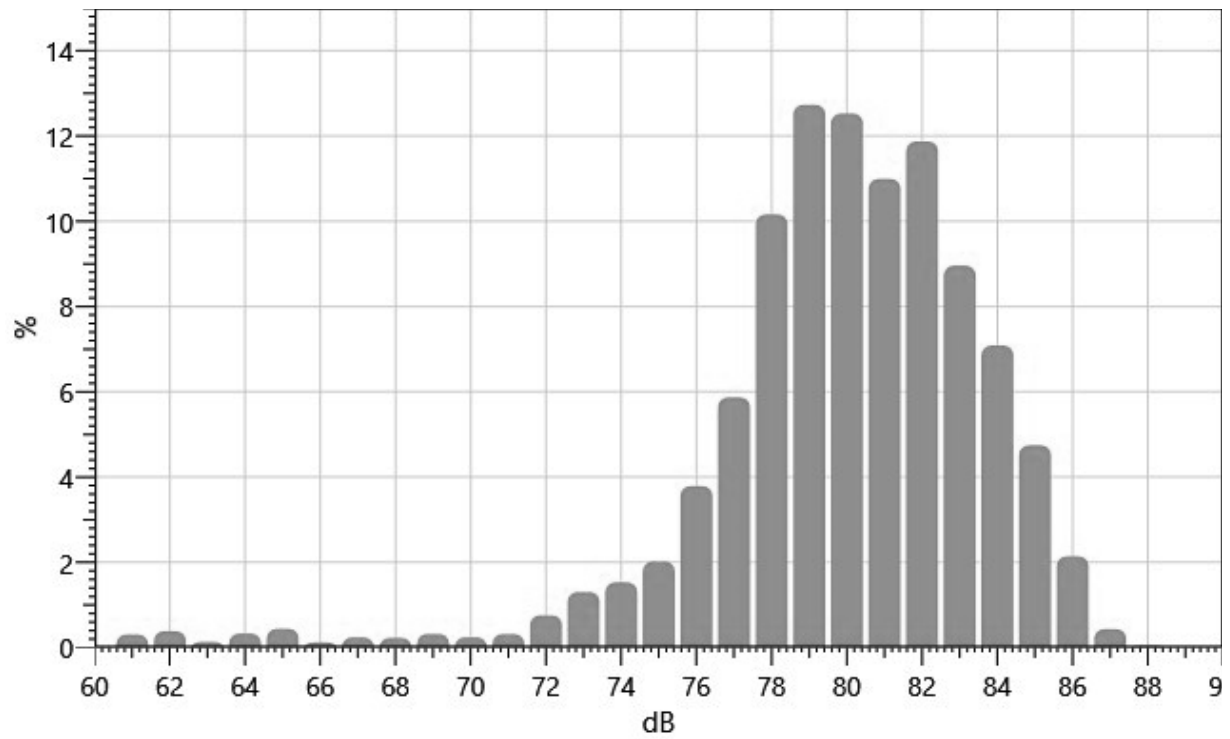
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
60:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02
61:	0.03	0.05	0.04	0.02	0.03	0.02	0.04	0.03	0.02	0.03	0.30
62:	0.03	0.02	0.02	0.06	0.05	0.04	0.04	0.02	0.03	0.06	0.38
63:	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.13
64:	0.05	0.02	0.01	0.01	0.01	0.02	0.01	0.05	0.05	0.09	0.33
65:	0.08	0.04	0.04	0.07	0.07	0.03	0.03	0.04	0.02	0.02	0.44
66:	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.12
67:	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.04	0.06	0.05	0.24
68:	0.12	0.03	0.01	0.01	0.01	0.01	0.01	0.03	0.00	0.00	0.23
69:	0.00	0.00	0.00	0.02	0.11	0.04	0.02	0.03	0.06	0.05	0.32
70:	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.24
71:	0.02	0.03	0.02	0.03	0.03	0.02	0.05	0.03	0.04	0.04	0.31
72:	0.05	0.04	0.08	0.08	0.08	0.07	0.05	0.06	0.10	0.14	0.75
73:	0.12	0.20	0.13	0.11	0.14	0.10	0.10	0.12	0.14	0.15	1.30

74:	0.16	0.16	0.12	0.15	0.14	0.21	0.19	0.15	0.12	0.13	1.53
75:	0.12	0.12	0.14	0.19	0.13	0.18	0.25	0.27	0.22	0.38	2.02
76:	0.39	0.31	0.32	0.28	0.31	0.31	0.36	0.48	0.53	0.50	3.79
77:	0.47	0.47	0.30	0.54	0.53	0.59	0.50	0.70	0.84	0.93	5.87
78:	0.90	0.90	1.15	1.03	0.93	0.91	0.93	1.10	1.16	1.13	10.16
79:	1.14	1.21	1.21	1.03	1.19	1.57	1.48	1.30	1.27	1.32	12.73
80:	1.51	1.69	0.97	1.25	1.27	1.32	1.27	1.17	1.04	1.06	12.53
81:	1.05	1.10	1.05	1.06	1.07	1.02	1.06	1.17	1.10	1.30	10.99
82:	1.35	1.18	1.12	1.13	1.25	1.21	1.16	1.21	1.17	1.09	11.87
83:	1.26	1.15	0.72	1.03	0.93	0.79	0.78	0.81	0.72	0.76	8.96
84:	0.83	0.84	0.83	0.88	0.82	0.80	0.56	0.55	0.54	0.44	7.09
85:	0.46	0.51	0.51	0.56	0.61	0.53	0.41	0.40	0.37	0.38	4.74
86:	0.30	0.28	0.19	0.23	0.27	0.22	0.19	0.15	0.16	0.14	2.14
87:	0.12	0.12	0.10	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.43
88:	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

Statistics Chart

S036_BIF090005_29092021_193643: Statistics Chart



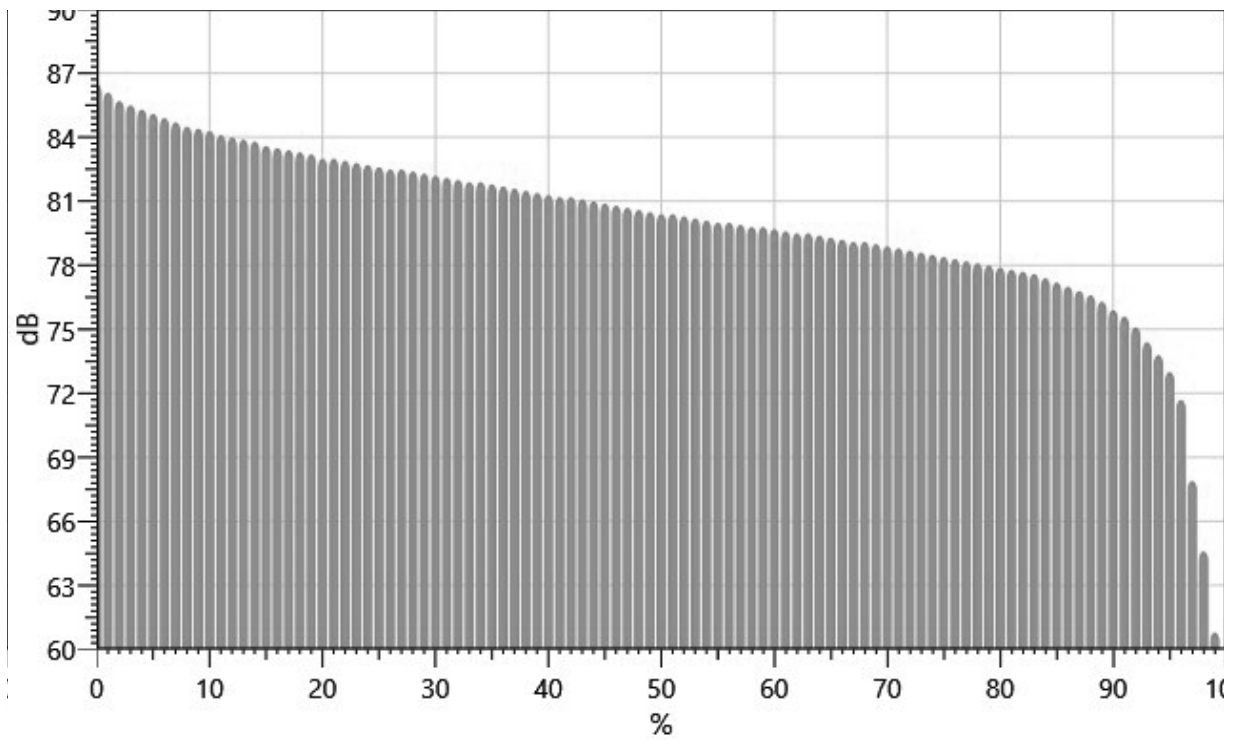
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
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0%:	86.5	86.1	85.7	85.5	85.3	85.1	84.9	84.7	84.5
10%:	84.4	84.3	84.1	84.0	83.9	83.8	83.6	83.5	83.4
20%:	83.2	83.0	83.0	82.9	82.8	82.7	82.6	82.5	82.4
30%:	82.3	82.2	82.1	82.0	81.9	81.9	81.8	81.7	81.6
40%:	81.4	81.3	81.2	81.2	81.1	81.0	80.9	80.8	80.7
50%:	80.5	80.4	80.4	80.3	80.2	80.1	80.0	80.0	79.9
60%:	79.8	79.7	79.6	79.5	79.5	79.4	79.3	79.2	79.1
70%:	79.0	78.9	78.8	78.7	78.6	78.5	78.4	78.3	78.2
80%:	78.0	77.9	77.8	77.7	77.6	77.4	77.2	77.0	76.8
90%:	76.3	75.9	75.6	75.1	74.4	73.8	73.0	71.7	67.9
100%:	60.8								

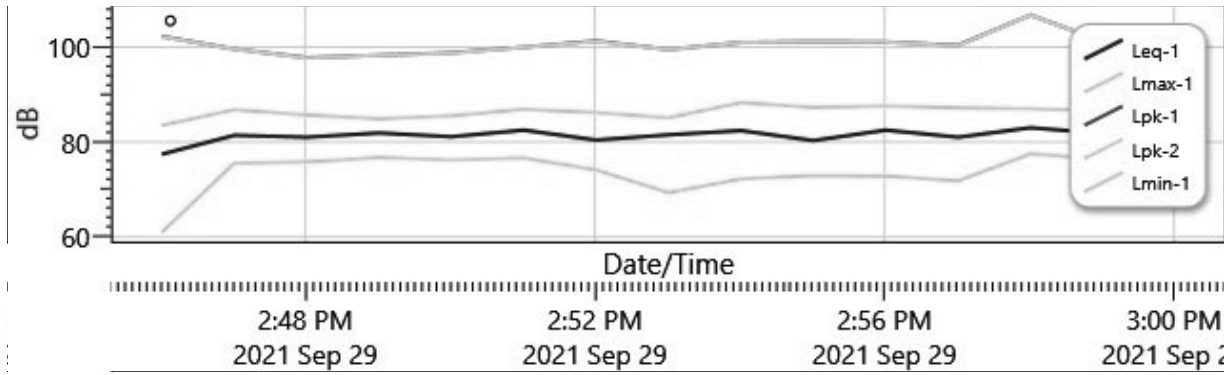
Exceedance Chart

S036_BIF090005_29092021_193643: Exceedance Chart



Logged Data Chart

S036_BIF090005_29092021_193643: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 2:46:01 PM	77.4	83.5	60.9	102.3
2:47:01 PM	81.4	86.8	75.5	99.6
2:48:01 PM	81	85.7	75.8	97.8
2:49:01 PM	81.9	84.9	76.7	98.3
2:50:01 PM	81.1	85.5	76.2	98.8
2:51:01 PM	82.5	86.9	76.6	100
2:52:01 PM	80.4	86.2	74.1	101.3
2:53:01 PM	81.5	85.1	69.3	99.5
2:54:01 PM	82.4	88.3	72.2	101
2:55:01 PM	80.3	87.3	72.9	101.2
2:56:01 PM	82.5	87.6	72.8	101.1
2:57:01 PM	81	87.2	71.8	100.4
2:58:01 PM	83	87	77.5	106.8
2:59:01 PM	81.8	86.6	76.4	101.2
3:00:01 PM	82.6	87	77.4	100.2

Session Report

9/30/2021

Information Panel

Name S036_BIF090003_29092021_202256
Start Time 9/29/2021 2:45:12 PM
Stop Time 9/29/2021 3:00:12 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5' from existing concrete wall 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	66.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

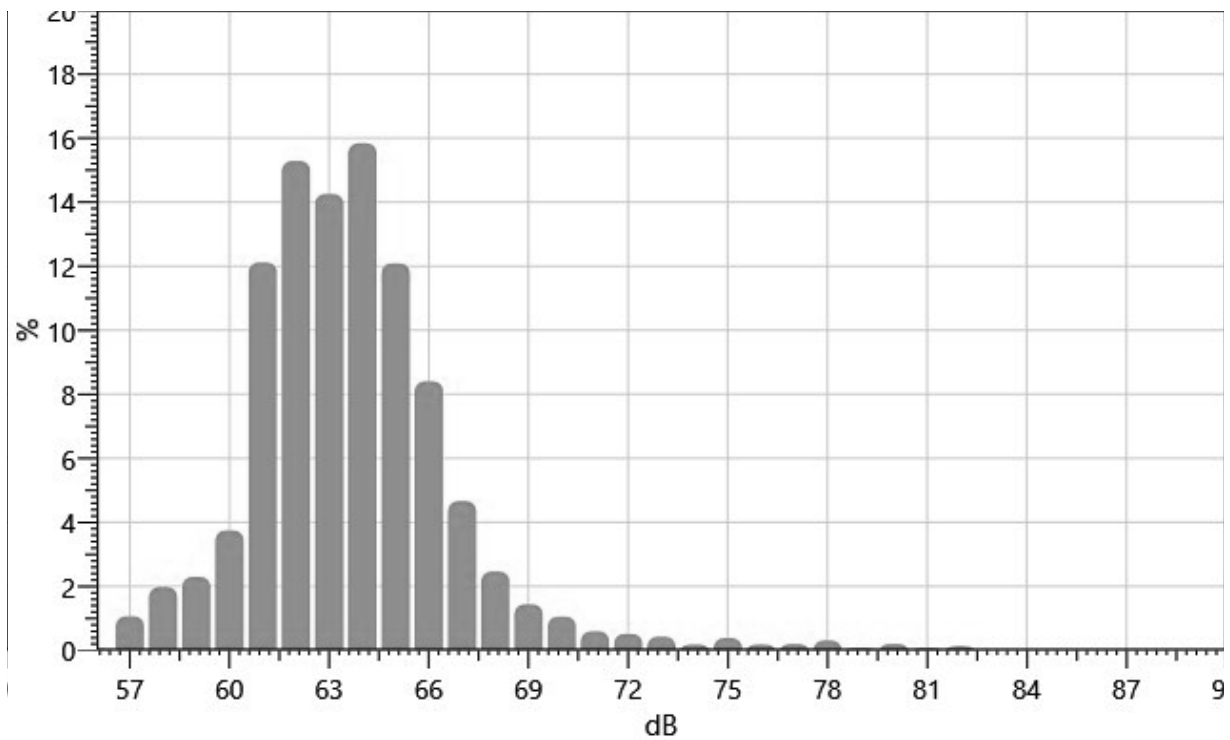
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
57:	0.04	0.05	0.08	0.16	0.12	0.08	0.09	0.13	0.19	0.14	1.07
58:	0.22	0.16	0.16	0.17	0.17	0.18	0.16	0.14	0.27	0.35	1.98
59:	0.39	0.23	0.20	0.16	0.14	0.19	0.24	0.23	0.30	0.22	2.30
60:	0.27	0.23	0.26	0.30	0.24	0.36	0.36	0.48	0.55	0.70	3.74
61:	0.87	1.03	1.08	1.01	0.98	1.12	1.24	1.60	1.59	1.60	12.12
62:	1.89	1.31	1.44	1.96	1.88	1.54	1.46	1.29	1.20	1.32	15.28
63:	1.28	1.49	1.51	1.42	1.38	1.33	1.34	1.37	1.55	1.59	14.26
64:	1.80	1.63	1.51	1.44	1.72	1.53	1.82	1.69	1.43	1.28	15.84
65:	1.62	1.46	1.20	1.21	1.39	1.19	0.98	0.95	0.96	1.12	12.09
66:	1.20	1.14	1.11	1.17	0.78	0.69	0.64	0.62	0.56	0.50	8.40
67:	0.51	0.54	0.60	0.39	0.41	0.46	0.35	0.40	0.51	0.49	4.66
68:	0.37	0.28	0.21	0.31	0.24	0.23	0.17	0.21	0.19	0.26	2.46
69:	0.18	0.13	0.13	0.08	0.10	0.12	0.13	0.16	0.18	0.21	1.44

70:	0.22	0.16	0.08	0.11	0.13	0.09	0.07	0.07	0.08	0.06	1.05
71:	0.10	0.20	0.06	0.03	0.02	0.02	0.03	0.02	0.06	0.05	0.60
72:	0.08	0.11	0.03	0.04	0.04	0.03	0.04	0.08	0.04	0.03	0.52
73:	0.02	0.03	0.02	0.03	0.09	0.06	0.08	0.05	0.02	0.02	0.43
74:	0.02	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.02	0.02	0.18
75:	0.02	0.02	0.05	0.06	0.04	0.04	0.04	0.03	0.04	0.04	0.38
76:	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.03	0.03	0.18
77:	0.02	0.02	0.01	0.04	0.02	0.02	0.01	0.02	0.02	0.02	0.20
78:	0.01	0.03	0.03	0.04	0.04	0.02	0.01	0.02	0.07	0.03	0.31
79:	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.04	0.07
80:	0.03	0.02	0.00	0.02	0.02	0.02	0.02	0.03	0.02	0.01	0.20
81:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
82:	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.02	0.01	0.13

Statistics Chart

S036_BIF090003_29092021_202256: Statistics Chart



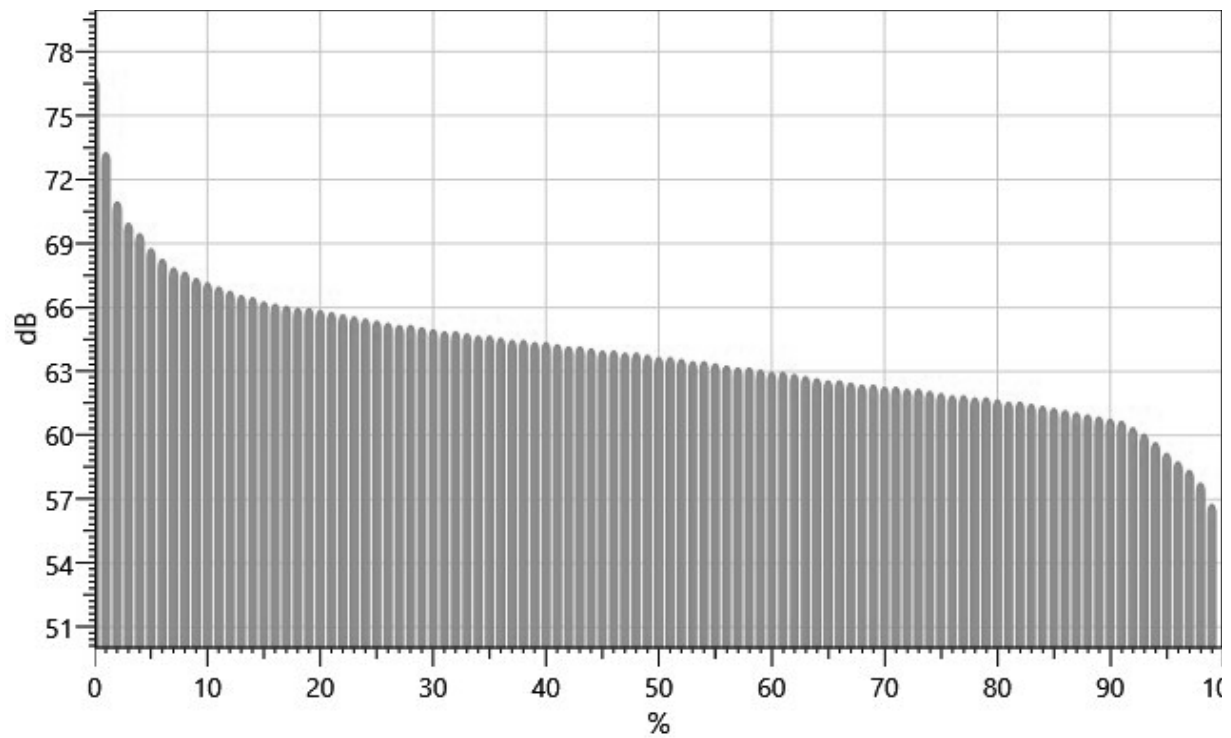
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		76.8	73.3	71.0	70.0	69.5	68.8	68.3	67.9	67.7
10%:	67.4	67.2	67.0	66.8	66.6	66.5	66.3	66.2	66.1	66.0

20%:	66.0	65.9	65.8	65.7	65.6	65.5	65.4	65.3	65.2	65.2
30%:	65.1	65.0	64.9	64.9	64.8	64.7	64.7	64.6	64.5	64.5
40%:	64.4	64.4	64.3	64.2	64.2	64.1	64.0	64.0	63.9	63.9
50%:	63.8	63.7	63.7	63.6	63.5	63.5	63.4	63.3	63.2	63.2
60%:	63.1	63.0	63.0	62.9	62.8	62.7	62.6	62.6	62.5	62.4
70%:	62.4	62.3	62.3	62.2	62.2	62.1	62.0	61.9	61.9	61.8
80%:	61.8	61.7	61.6	61.6	61.5	61.4	61.3	61.2	61.1	61.0
90%:	60.9	60.8	60.7	60.4	60.1	59.7	59.2	58.8	58.4	57.8
100%:	56.8									

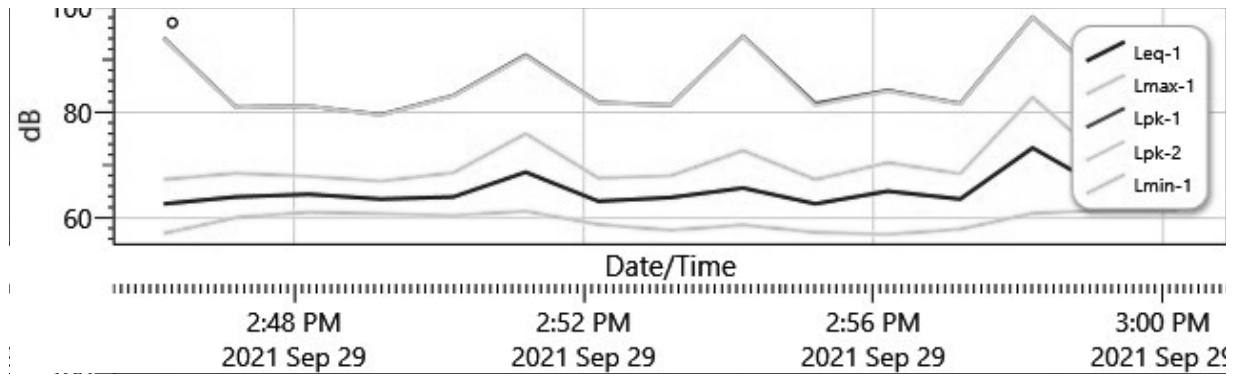
Exceedance Chart

S036_BIF090003_29092021_202256: Exceedance Chart



Logged Data Chart

S036_BIF090003_29092021_202256: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 2:46:12 PM	62.7	67.3	57.1	94.1
2:47:12 PM	64	68.5	60.1	81
2:48:12 PM	64.5	67.9	61.1	81.2
2:49:12 PM	63.6	67	60.8	79.6
2:50:12 PM	64	68.6	60.5	83.2
2:51:12 PM	68.7	76	61.3	90.9
2:52:12 PM	63.2	67.6	58.8	81.9
2:53:12 PM	63.9	68	57.7	81.4
2:54:12 PM	65.7	72.8	58.7	94.5
2:55:12 PM	62.7	67.3	57.3	81.7
2:56:12 PM	65.1	70.5	56.9	84.2
2:57:12 PM	63.6	68.4	57.9	81.7
2:58:12 PM	73.3	82.9	60.9	98.1
2:59:12 PM	65.5	70.9	61.5	86
3:00:12 PM	65.3	68.6	61.5	81.2

Session Report

9/30/2021

Information Panel

Name S063_BIG080015_29092021_205942
Start Time 9/29/2021 2:45:07 PM
Stop Time 9/29/2021 3:00:07 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from Existing concrete wall 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	68.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

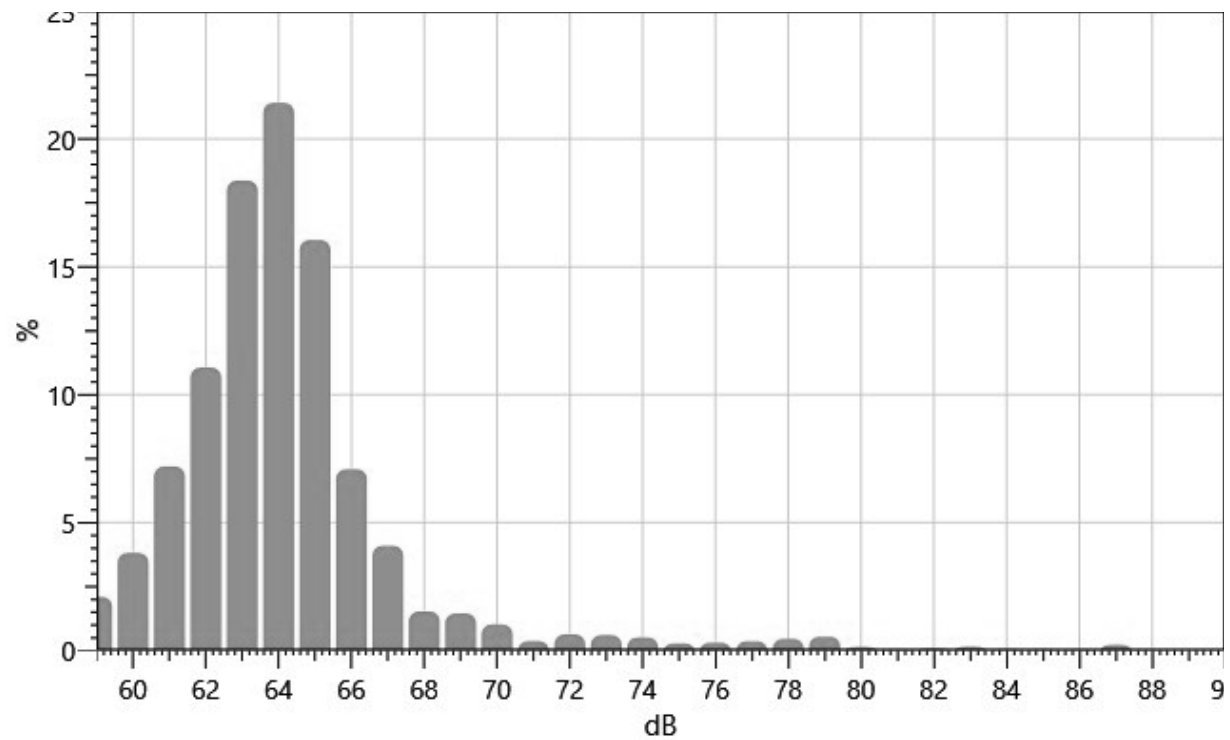
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.08	0.05	0.10	0.31	0.25	0.24	0.36	0.17	0.27	0.26	2.10
60:	0.28	0.26	0.22	0.14	0.14	0.40	0.54	0.75	0.60	0.50	3.81
61:	0.44	0.48	0.59	0.58	0.69	1.26	1.11	0.64	0.70	0.70	7.20
62:	0.82	0.76	0.89	1.13	0.88	1.20	1.21	1.31	1.32	1.53	11.06
63:	1.13	1.34	1.55	1.92	1.78	2.11	2.00	2.14	2.19	2.20	18.37
64:	2.12	2.16	1.88	2.10	2.53	2.30	2.28	1.78	2.21	2.05	21.41
65:	2.45	1.97	1.61	1.76	1.52	1.67	1.70	1.24	1.12	1.01	16.05
66:	0.89	0.83	0.68	0.63	0.80	0.78	0.65	0.61	0.63	0.60	7.09
67:	0.52	0.43	0.59	0.47	0.35	0.37	0.50	0.30	0.21	0.35	4.10
68:	0.32	0.24	0.12	0.16	0.18	0.14	0.09	0.09	0.10	0.10	1.53
69:	0.08	0.25	0.17	0.15	0.18	0.10	0.12	0.08	0.09	0.22	1.45
70:	0.12	0.07	0.11	0.14	0.12	0.12	0.08	0.09	0.12	0.05	1.02
71:	0.05	0.04	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.37
72:	0.04	0.04	0.07	0.10	0.07	0.04	0.04	0.05	0.04	0.13	0.63

73:	0.08	0.09	0.09	0.07	0.05	0.05	0.05	0.03	0.04	0.05	0.60
74:	0.06	0.07	0.03	0.07	0.06	0.04	0.06	0.05	0.04	0.04	0.51
75:	0.04	0.03	0.03	0.03	0.03	0.02	0.03	0.02	0.03	0.02	0.28
76:	0.03	0.02	0.03	0.03	0.02	0.02	0.04	0.04	0.05	0.03	0.31
77:	0.06	0.05	0.02	0.07	0.04	0.03	0.03	0.03	0.02	0.02	0.36
78:	0.02	0.02	0.06	0.12	0.05	0.04	0.04	0.03	0.03	0.03	0.45
79:	0.05	0.06	0.02	0.03	0.04	0.04	0.10	0.07	0.08	0.07	0.54
80:	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.14
81:	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.04
82:	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.02	0.08
83:	0.05	0.06	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.14
84:	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.05
85:	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.05
86:	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.04
87:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.06	0.07	0.22
88:	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

Statistics Chart

S063_BIG080015_29092021_205942: Statistics Chart

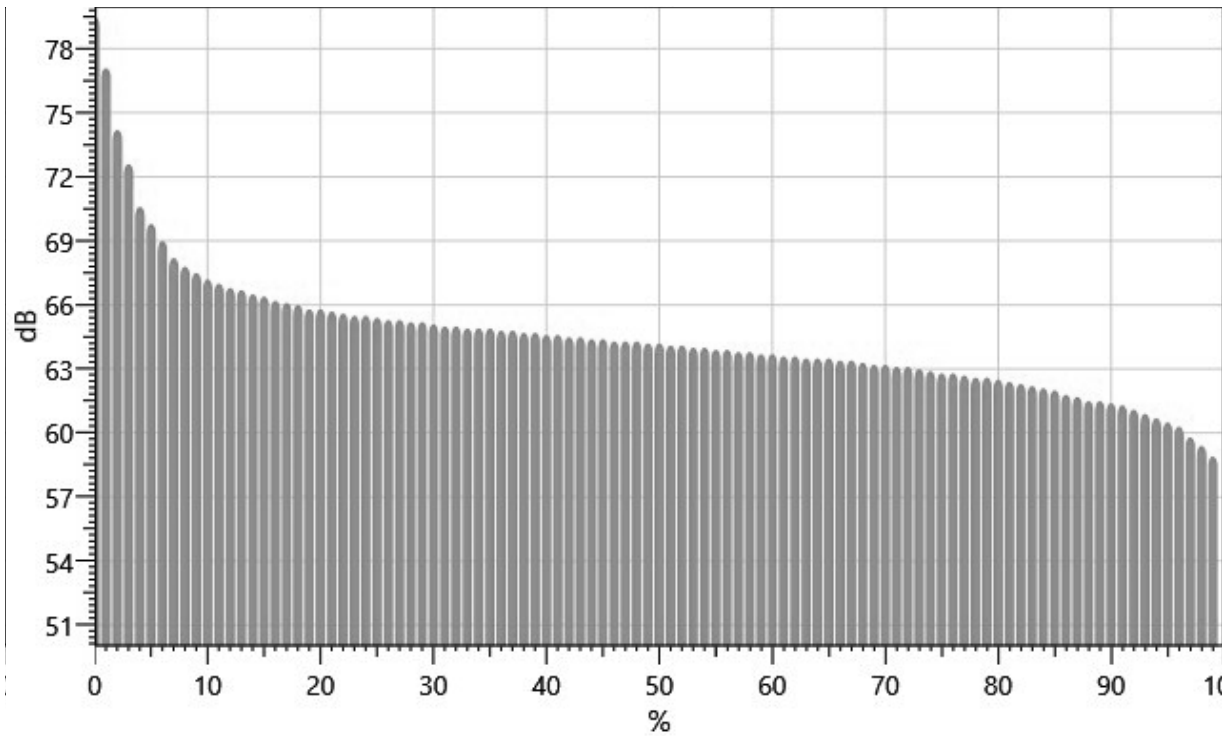


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		79.5	77.1	74.2	72.6	70.6	69.8	69.0	68.2	67.8
10%:	67.5	67.2	67.0	66.8	66.7	66.5	66.4	66.2	66.1	66.0
20%:	65.8	65.8	65.7	65.6	65.5	65.5	65.4	65.3	65.3	65.2
30%:	65.2	65.1	65.0	65.0	64.9	64.9	64.9	64.8	64.8	64.7
40%:	64.7	64.6	64.6	64.5	64.5	64.4	64.4	64.3	64.3	64.3
50%:	64.2	64.2	64.1	64.1	64.0	64.0	63.9	63.9	63.8	63.8
60%:	63.7	63.7	63.6	63.6	63.5	63.5	63.5	63.4	63.4	63.3
70%:	63.2	63.2	63.1	63.1	63.0	62.9	62.8	62.8	62.7	62.6
80%:	62.6	62.5	62.4	62.3	62.2	62.1	62.0	61.8	61.7	61.5
90%:	61.5	61.4	61.3	61.1	60.9	60.7	60.5	60.3	59.8	59.4
100%:	58.9									

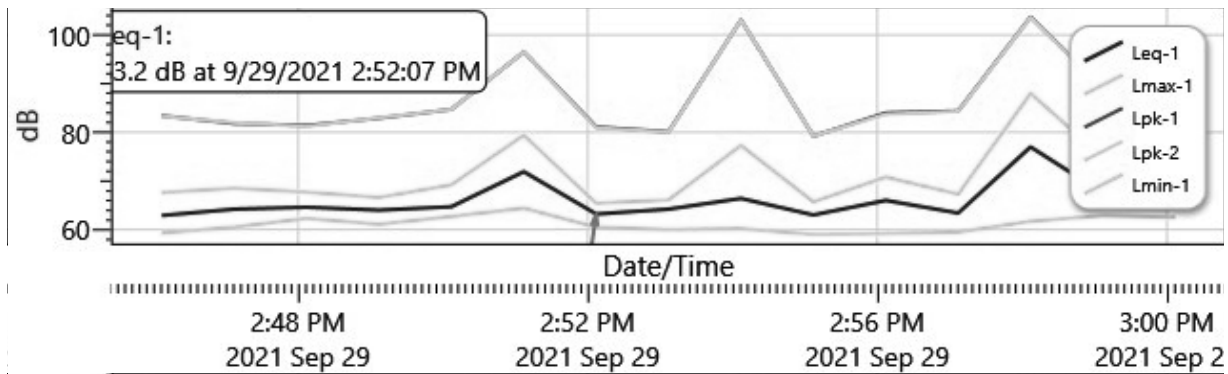
Exceedance Chart

S063_BIG080015_29092021_205942: Exceedance Chart



Logged Data Chart

S063_BIG080015_29092021_205942: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 2:46:07 PM	62.9	67.6	59.3	83.4
2:47:07 PM	64.2	68.5	60.5	81.8
2:48:07 PM	64.6	67.7	62.3	81.4
2:49:07 PM	64	66.6	61.1	82.9
2:50:07 PM	64.7	69.2	62.7	84.7
2:51:07 PM	71.9	79.4	64.4	96.5
2:52:07 PM	63.2	65.4	60.5	81.1
2:53:07 PM	64.2	66.1	60	80.1
2:54:07 PM	66.4	77.3	60.2	103.1
2:55:07 PM	63	65.7	59	79.2
2:56:07 PM	66	70.8	59.2	84
2:57:07 PM	63.4	67.3	59.5	84.4
2:58:07 PM	77	88	61.7	103.7
2:59:07 PM	67.5	74.8	62.9	89.1
3:00:07 PM	65.1	67.7	62.5	80.1

Session Report

9/30/2021

Information Panel

Name S018_BIH050001_29092021_213238
Start Time 9/29/2021 2:45:36 PM
Stop Time 9/29/2021 3:00:36 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from Existing concrete wall 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	72.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

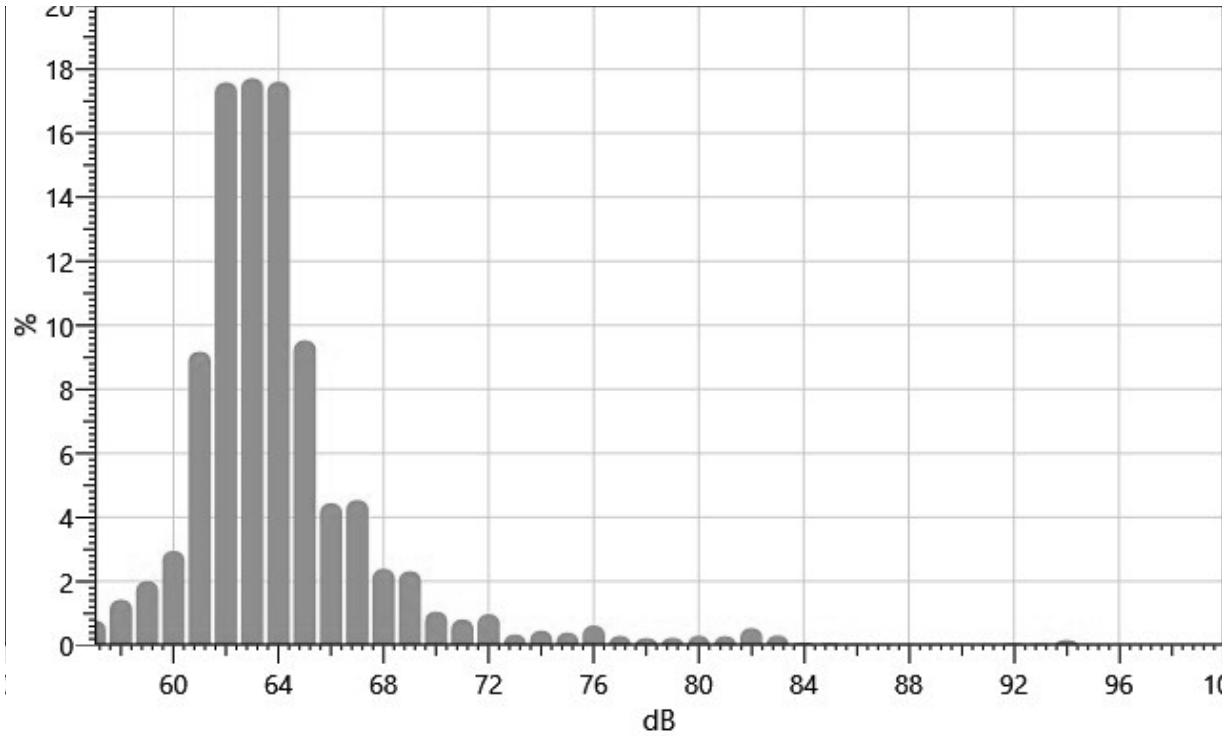
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.00	0.00	0.00	0.00	0.09	0.19	0.27	0.14	0.08	0.78
58:	0.10	0.17	0.19	0.07	0.11	0.09	0.17	0.16	0.18	0.19	1.43
59:	0.32	0.22	0.10	0.14	0.11	0.19	0.16	0.17	0.25	0.35	2.01
60:	0.19	0.15	0.20	0.22	0.27	0.28	0.28	0.40	0.44	0.51	2.95
61:	0.63	0.58	0.79	0.91	0.86	0.82	0.99	0.94	1.31	1.35	9.17
62:	1.60	1.16	1.32	1.55	1.74	1.54	1.85	2.24	2.37	2.21	17.58
63:	1.55	1.89	1.98	2.05	1.66	1.83	1.70	1.82	1.76	1.49	17.71
64:	1.61	1.62	1.74	1.94	2.36	1.70	1.62	1.69	1.76	1.56	17.60
65:	1.58	1.42	1.06	0.91	1.01	0.81	0.90	0.73	0.59	0.52	9.53
66:	0.40	0.43	0.40	0.45	0.50	0.41	0.40	0.45	0.48	0.53	4.44
67:	0.57	0.45	0.44	0.41	0.44	0.49	0.40	0.38	0.46	0.49	4.54
68:	0.39	0.35	0.22	0.28	0.21	0.17	0.17	0.23	0.20	0.18	2.39
69:	0.23	0.20	0.22	0.32	0.27	0.30	0.26	0.21	0.16	0.14	2.31
70:	0.15	0.13	0.18	0.14	0.10	0.09	0.07	0.07	0.06	0.07	1.06

71:	0.05	0.14	0.09	0.07	0.06	0.08	0.06	0.08	0.09	0.09	0.81
72:	0.13	0.08	0.09	0.06	0.08	0.10	0.08	0.08	0.11	0.16	0.97
73:	0.08	0.02	0.02	0.03	0.03	0.04	0.05	0.03	0.03	0.02	0.34
74:	0.03	0.03	0.02	0.03	0.05	0.07	0.09	0.06	0.03	0.05	0.46
75:	0.04	0.02	0.04	0.03	0.03	0.07	0.05	0.04	0.05	0.03	0.40
76:	0.06	0.05	0.05	0.05	0.07	0.08	0.09	0.06	0.08	0.04	0.62
77:	0.03	0.04	0.02	0.04	0.03	0.03	0.04	0.02	0.02	0.03	0.30
78:	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.03	0.02	0.02	0.23
79:	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.24
80:	0.03	0.04	0.02	0.04	0.03	0.03	0.04	0.03	0.03	0.03	0.30
81:	0.02	0.03	0.02	0.03	0.03	0.02	0.03	0.03	0.03	0.05	0.29
82:	0.05	0.04	0.03	0.06	0.06	0.05	0.06	0.05	0.07	0.07	0.54
83:	0.05	0.06	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.04	0.31
84:	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
85:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
86:	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.05
87:	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.04
88:	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.04
89:	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.04
90:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
91:	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.04
92:	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.06
93:	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.05
94:	0.01	0.02	0.04	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.17
95:	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02

Statistics Chart

S018_BIH050001_29092021_213238: Statistics Chart

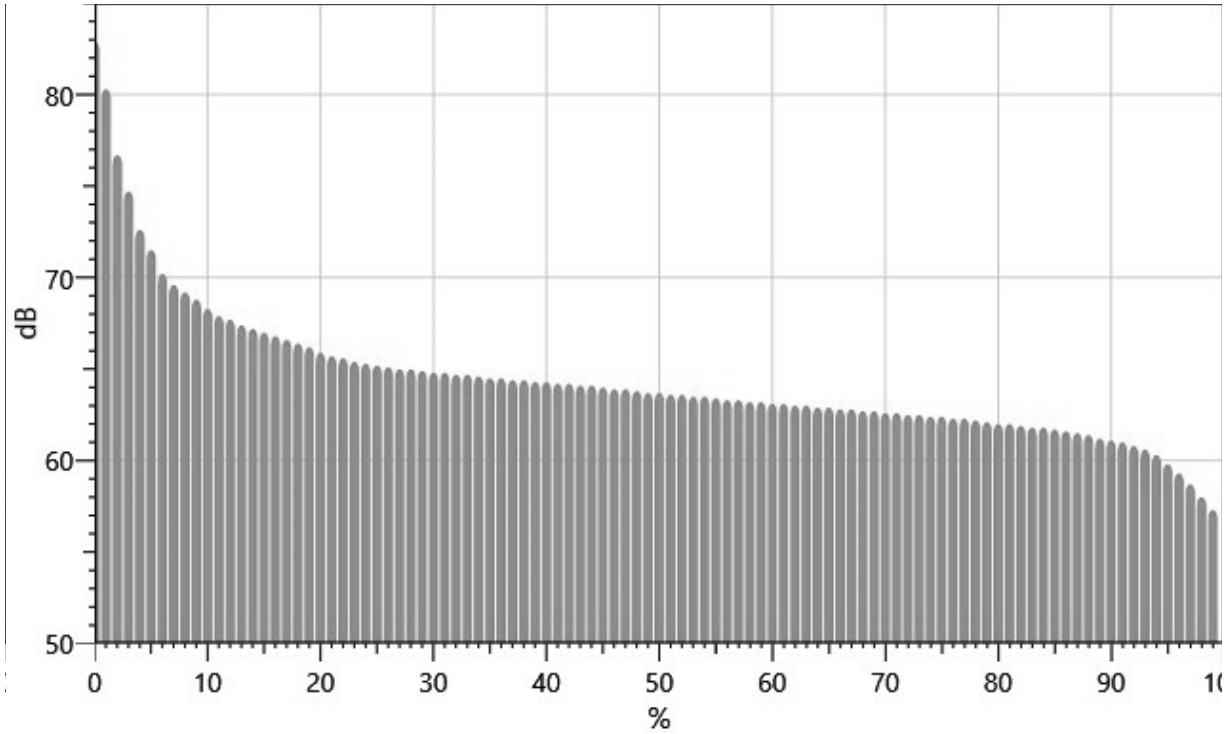


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		82.9	80.3	76.7	74.7	72.6	71.5	70.2	69.6	69.2
10%:	68.8	68.3	67.9	67.7	67.4	67.2	67.0	66.8	66.6	66.4
20%:	66.2	65.9	65.7	65.6	65.4	65.3	65.2	65.1	65.0	65.0
30%:	64.9	64.8	64.8	64.7	64.7	64.6	64.5	64.5	64.4	64.4
40%:	64.3	64.3	64.2	64.2	64.1	64.1	64.0	63.9	63.9	63.8
50%:	63.7	63.7	63.6	63.6	63.5	63.5	63.4	63.3	63.3	63.2
60%:	63.2	63.1	63.1	63.0	63.0	62.9	62.9	62.8	62.8	62.7
70%:	62.7	62.6	62.6	62.5	62.5	62.4	62.4	62.3	62.3	62.2
80%:	62.1	62.0	62.0	61.9	61.8	61.8	61.7	61.6	61.5	61.4
90%:	61.2	61.1	61.0	60.8	60.6	60.3	59.8	59.3	58.7	58.0
100%:	57.3									

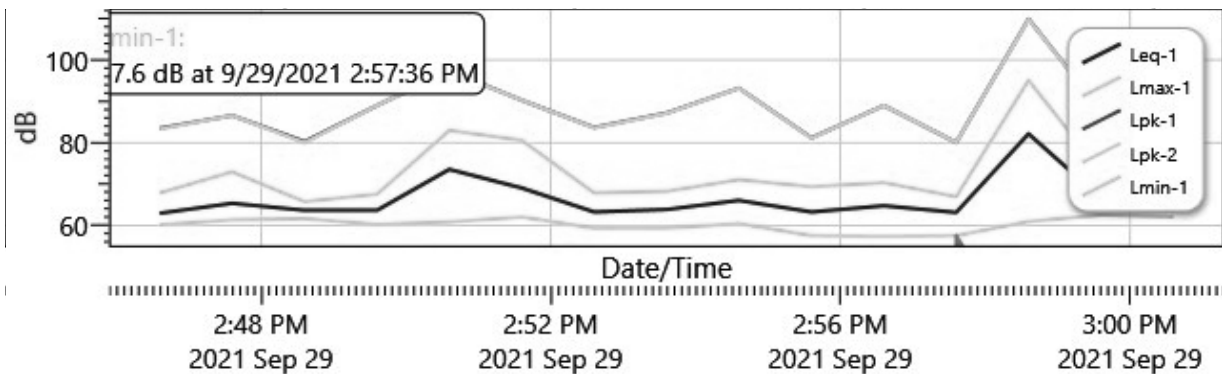
Exceedance Chart

S018_BIH050001_29092021_213238: Exceedance Chart



Logged Data Chart

S018_BIH050001_29092021_213238: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 2:46:36 PM	63	67.9	60.2	83.5
2:47:36 PM	65.4	73	61.4	86.6
2:48:36 PM	63.7	65.8	61.7	80.3
2:49:36 PM	63.7	67.6	60.3	89
2:50:36 PM	73.6	83	60.9	97.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:51:36 PM	69.1	80.6	62.1	90.3
2:52:36 PM	63.3	67.9	59.4	83.7
2:53:36 PM	63.9	68.3	59.4	87.2
2:54:36 PM	66.1	71.1	60.5	93.2
2:55:36 PM	63.3	69.4	57.6	81.2
2:56:36 PM	64.8	70.4	57.4	89
2:57:36 PM	63.2	67	57.6	80.1
2:58:36 PM	82.2	95.1	61	109.9
2:59:36 PM	66.6	73	62.6	87.8
3:00:36 PM	72.3	84	62.1	95.5

Session Report

9/30/2021

Information Panel

Name S362_BIF030001_29092021_220457
Start Time 9/29/2021 2:45:49 PM
Stop Time 9/29/2021 3:00:49 PM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' from existing concrete wall 9-29 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	69.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

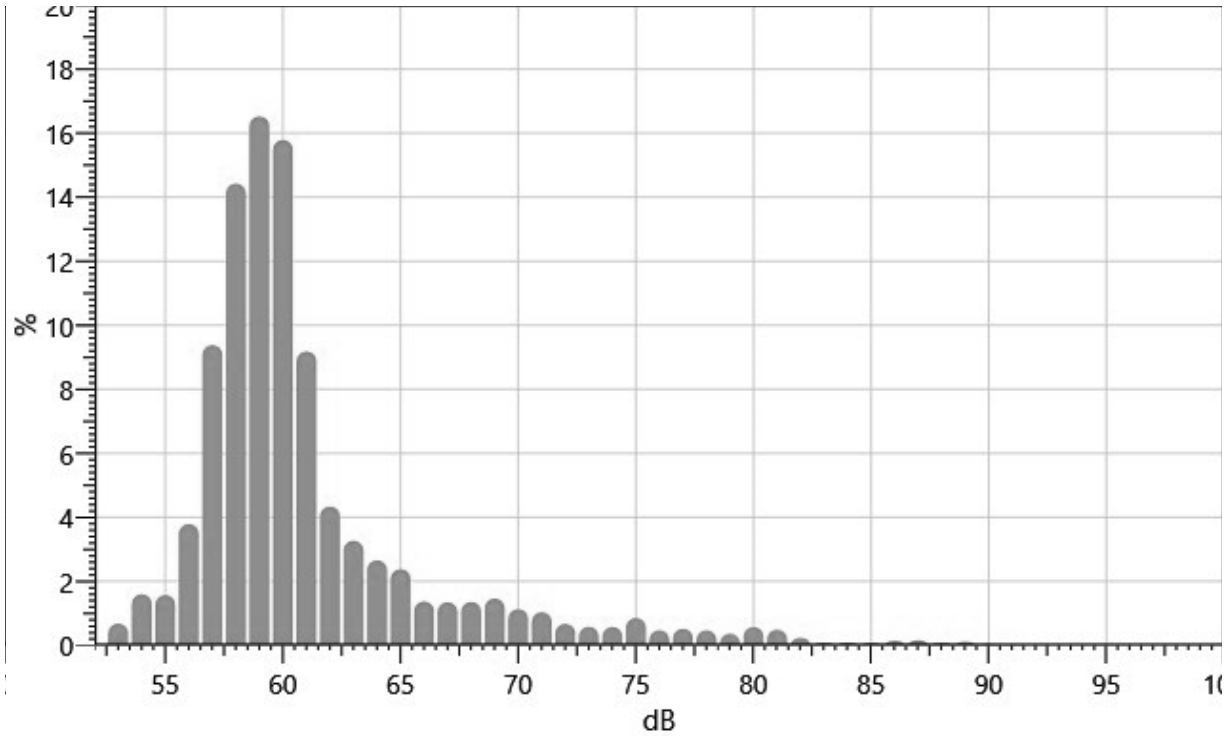
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
52:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
53:	0.07	0.04	0.08	0.02	0.04	0.11	0.13	0.06	0.07	0.05	0.68
54:	0.09	0.11	0.13	0.24	0.12	0.21	0.21	0.24	0.13	0.12	1.60
55:	0.13	0.23	0.18	0.22	0.19	0.15	0.11	0.15	0.12	0.10	1.57
56:	0.16	0.20	0.16	0.17	0.22	0.22	0.29	0.66	0.85	0.84	3.79
57:	0.76	0.86	0.85	0.83	0.90	1.06	1.07	0.92	1.02	1.12	9.38
58:	1.09	1.32	1.02	1.41	1.52	1.72	1.63	1.52	1.47	1.72	14.43
59:	1.60	2.06	1.56	2.13	1.57	1.29	1.37	1.71	1.67	1.57	16.52
60:	1.49	1.39	1.30	1.43	1.46	1.84	1.80	1.44	1.94	1.70	15.79
61:	1.63	1.54	0.80	1.00	0.91	0.74	0.71	0.71	0.58	0.58	9.18
62:	0.74	0.58	0.50	0.42	0.39	0.27	0.35	0.36	0.40	0.34	4.34
63:	0.26	0.25	0.37	0.34	0.34	0.33	0.38	0.37	0.31	0.34	3.27
64:	0.30	0.34	0.20	0.34	0.22	0.23	0.25	0.18	0.29	0.31	2.66
65:	0.32	0.28	0.38	0.21	0.26	0.20	0.22	0.22	0.13	0.15	2.38

66:	0.14	0.12	0.12	0.19	0.14	0.15	0.10	0.17	0.14	0.12	1.37
67:	0.17	0.13	0.09	0.09	0.14	0.19	0.16	0.13	0.11	0.14	1.35
68:	0.15	0.18	0.12	0.14	0.13	0.15	0.12	0.12	0.13	0.11	1.36
69:	0.16	0.22	0.19	0.24	0.13	0.11	0.10	0.12	0.10	0.09	1.46
70:	0.11	0.11	0.07	0.09	0.13	0.10	0.14	0.11	0.12	0.16	1.13
71:	0.12	0.09	0.10	0.09	0.11	0.10	0.09	0.10	0.12	0.12	1.04
72:	0.10	0.06	0.07	0.07	0.06	0.06	0.06	0.07	0.06	0.07	0.68
73:	0.07	0.08	0.05	0.06	0.06	0.05	0.05	0.06	0.05	0.06	0.58
74:	0.06	0.05	0.06	0.05	0.05	0.06	0.06	0.05	0.06	0.07	0.58
75:	0.06	0.09	0.08	0.09	0.09	0.10	0.10	0.06	0.09	0.10	0.86
76:	0.07	0.08	0.05	0.07	0.04	0.03	0.04	0.04	0.03	0.03	0.47
77:	0.03	0.06	0.11	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.52
78:	0.03	0.04	0.05	0.06	0.05	0.05	0.06	0.04	0.04	0.05	0.47
79:	0.05	0.05	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.37
80:	0.04	0.03	0.04	0.04	0.04	0.05	0.05	0.12	0.12	0.04	0.57
81:	0.05	0.04	0.04	0.06	0.04	0.06	0.08	0.06	0.03	0.04	0.49
82:	0.03	0.03	0.02	0.01	0.03	0.02	0.02	0.03	0.02	0.01	0.24
83:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
84:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
85:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
86:	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.15
87:	0.03	0.02	0.02	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.16
88:	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.09
89:	0.01	0.02	0.02	0.02	0.03	0.01	0.00	0.01	0.01	0.00	0.12
90:	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.01	0.01	0.04
91:	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

Statistics Chart

S362_BIF030001_29092021_220457: Statistics Chart

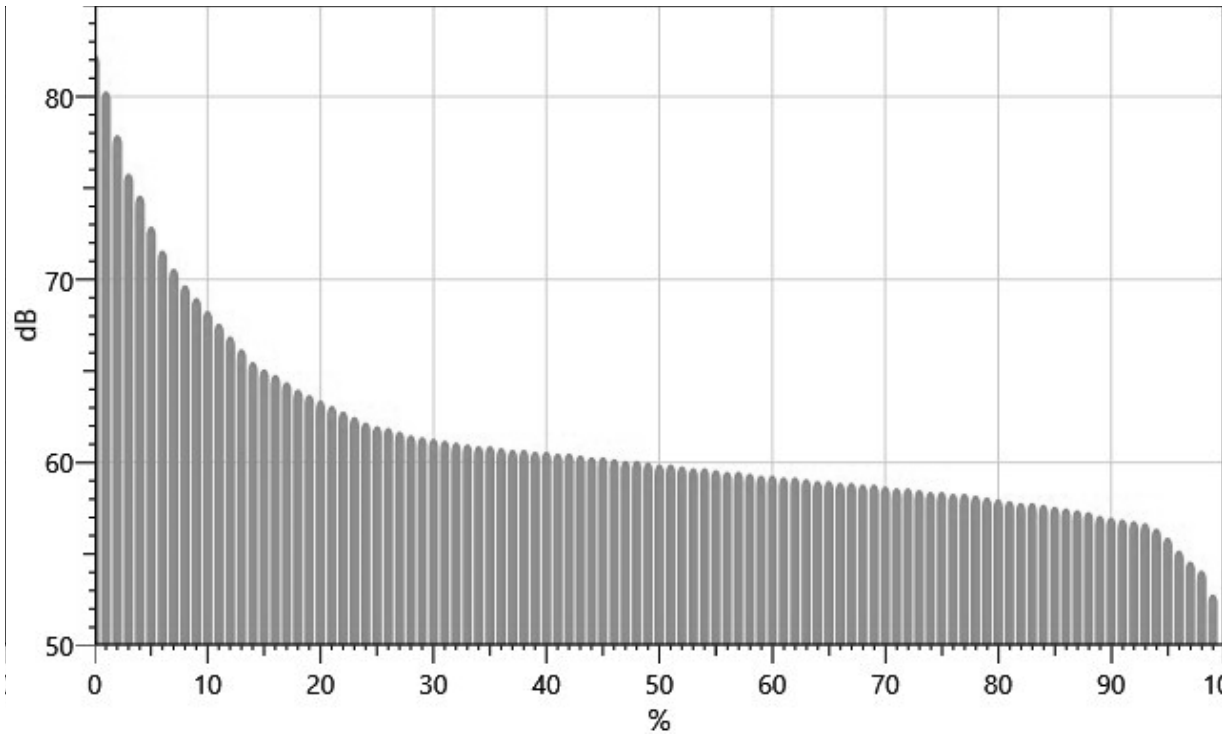


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		82.3	80.3	77.9	75.8	74.6	72.9	71.6	70.6	69.7
10%:	69.0	68.3	67.6	66.9	66.2	65.5	65.1	64.8	64.4	64.0
20%:	63.7	63.4	63.1	62.8	62.5	62.2	62.0	61.9	61.7	61.5
30%:	61.4	61.3	61.2	61.1	61.0	60.9	60.9	60.8	60.7	60.7
40%:	60.6	60.6	60.5	60.5	60.4	60.3	60.3	60.2	60.1	60.1
50%:	60.0	59.9	59.9	59.8	59.7	59.7	59.6	59.5	59.5	59.4
60%:	59.3	59.3	59.2	59.2	59.1	59.0	59.0	58.9	58.9	58.8
70%:	58.8	58.7	58.6	58.6	58.5	58.4	58.4	58.3	58.3	58.2
80%:	58.1	58.0	57.9	57.8	57.8	57.7	57.6	57.5	57.4	57.3
90%:	57.1	57.0	56.9	56.8	56.7	56.4	55.9	55.2	54.6	54.1
100%:	52.8									

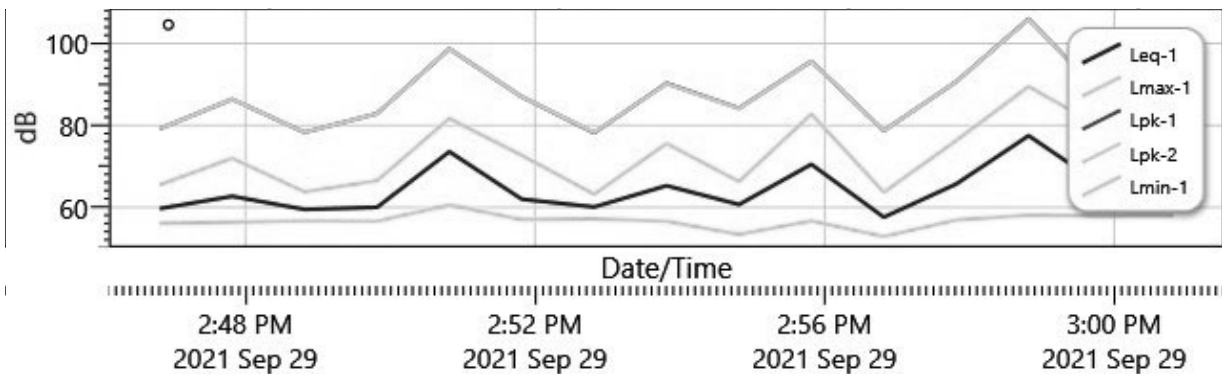
Exceedance Chart

S362_BIF030001_29092021_220457: Exceedance Chart



Logged Data Chart

S362_BIF030001_29092021_220457: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9/29/2021 2:46:49 PM	59.7	65.5	56.1	79.2
2:47:49 PM	62.7	72	56.4	86.4
2:48:49 PM	59.5	63.8	56.7	78.3
2:49:49 PM	60	66.5	56.6	82.9
2:50:49 PM	73.6	81.7	60.6	98.7

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:51:49 PM	62	72.7	57	87
2:52:49 PM	60.1	63.2	57.2	78.2
2:53:49 PM	65.3	75.6	56.6	90.3
2:54:49 PM	60.7	66.3	53.4	84.2
2:55:49 PM	70.5	82.8	56.7	95.7
2:56:49 PM	57.6	63.7	52.9	78.7
2:57:49 PM	65.7	76.3	56.9	90.7
2:58:49 PM	77.5	89.5	58.1	106
2:59:49 PM	65.5	79.6	57.9	87.7
3:00:49 PM	75.9	91.2	58	102

Session Report

10/6/2021

Information Panel

Name S037_BIF090005_05102021_211334
Start Time 10/5/2021 10:03:07 AM
Stop Time 10/5/2021 10:18:07 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 Top of Vinyl Wall-10-05-21 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

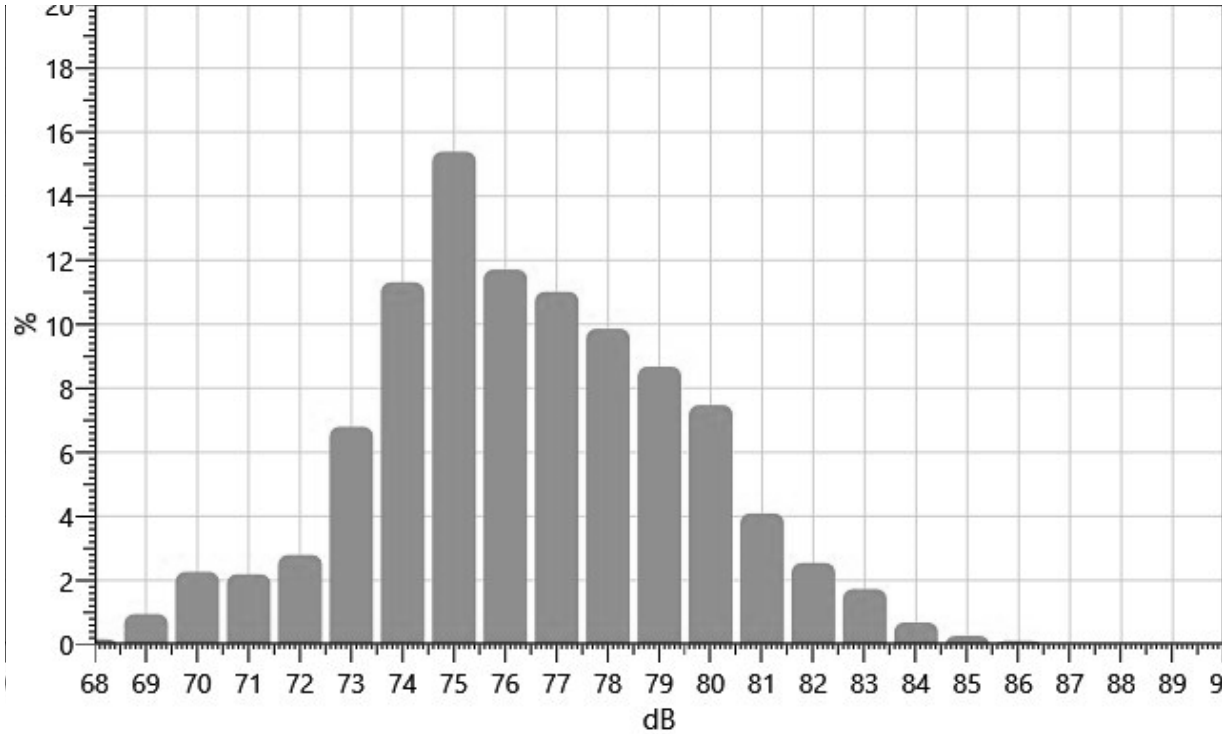
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
68:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.06	0.16
69:	0.06	0.12	0.18	0.06	0.07	0.06	0.07	0.10	0.14	0.08	0.94
70:	0.09	0.16	0.19	0.22	0.25	0.22	0.27	0.27	0.36	0.23	2.27
71:	0.33	0.31	0.13	0.23	0.21	0.22	0.17	0.16	0.20	0.24	2.19
72:	0.26	0.23	0.22	0.26	0.26	0.36	0.28	0.33	0.30	0.29	2.79
73:	0.34	0.32	0.28	0.56	0.55	0.85	0.88	1.00	1.04	0.98	6.80
74:	0.80	0.95	0.68	1.27	1.06	1.36	1.32	1.32	1.28	1.28	11.31
75:	1.19	1.28	1.60	1.48	1.66	1.72	1.84	1.51	1.61	1.50	15.39
76:	1.15	1.11	1.30	1.22	1.09	1.18	1.21	1.10	1.11	1.25	11.71
77:	1.30	1.27	0.80	1.22	1.16	1.12	1.08	1.07	0.99	1.01	11.01
78:	1.05	0.80	0.72	0.80	0.92	1.04	1.16	1.21	1.21	0.95	9.86
79:	0.91	0.73	0.67	0.79	0.78	0.78	0.89	0.92	1.00	1.21	8.67
80:	1.18	1.05	0.61	0.89	0.71	0.60	0.68	0.59	0.62	0.54	7.47
81:	0.65	0.61	0.53	0.36	0.40	0.35	0.30	0.30	0.36	0.24	4.09

82:	0.26	0.19	0.27	0.35	0.26	0.31	0.28	0.23	0.20	0.20	2.54
83:	0.17	0.16	0.14	0.20	0.18	0.14	0.17	0.19	0.23	0.15	1.72
84:	0.07	0.09	0.10	0.07	0.07	0.08	0.08	0.07	0.02	0.03	0.69
85:	0.01	0.02	0.02	0.02	0.02	0.02	0.06	0.05	0.03	0.03	0.27
86:	0.07	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10

Statistics Chart

S037_BIF090005_05102021_211334: Statistics Chart



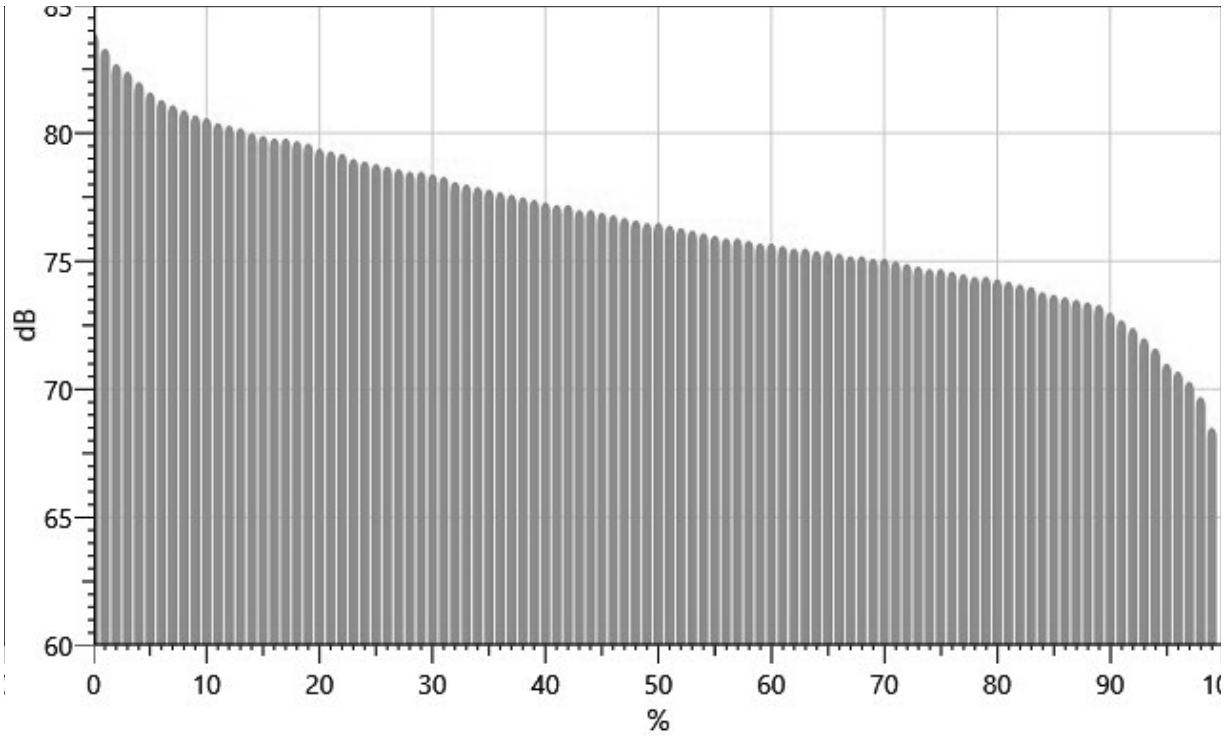
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		83.9	83.3	82.7	82.4	82.0	81.6	81.3	81.1	80.9
10%:	80.7	80.6	80.4	80.3	80.2	80.0	79.9	79.8	79.8	79.7
20%:	79.6	79.4	79.3	79.2	79.0	78.9	78.8	78.7	78.6	78.5
30%:	78.5	78.4	78.3	78.1	78.0	77.9	77.8	77.7	77.6	77.5
40%:	77.4	77.3	77.2	77.2	77.0	77.0	76.9	76.8	76.7	76.6
50%:	76.5	76.5	76.4	76.3	76.2	76.1	76.0	75.9	75.9	75.8
60%:	75.7	75.7	75.6	75.5	75.5	75.4	75.4	75.3	75.2	75.2
70%:	75.1	75.1	75.0	74.9	74.8	74.7	74.7	74.6	74.5	74.4
80%:	74.4	74.3	74.2	74.1	74.0	73.8	73.7	73.6	73.5	73.4
90%:	73.3	73.0	72.7	72.4	72.0	71.6	71.0	70.7	70.3	69.7

100%: 68.5

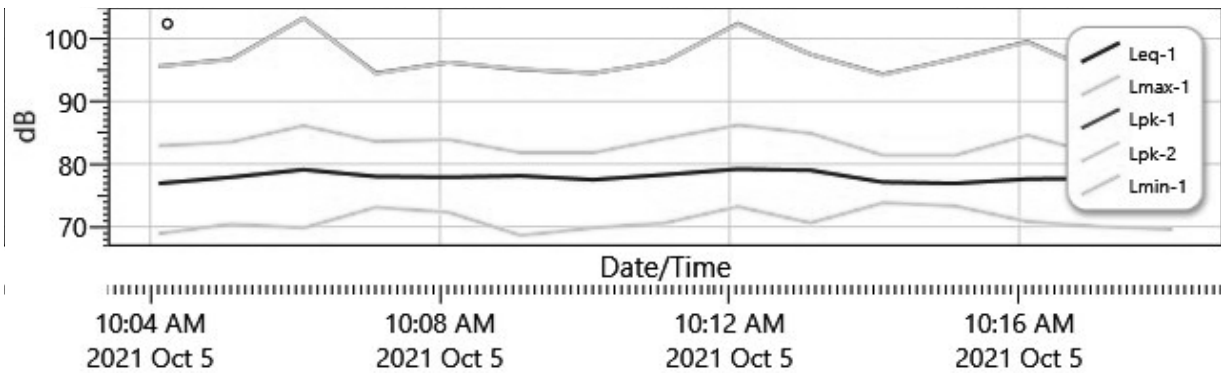
Exceedance Chart

S037_BIF090005_05102021_211334: Exceedance Chart



Logged Data Chart

S037_BIF090005_05102021_211334: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 10:04:07 AM	76.9	82.9	68.9	95.6
10:05:07 AM	77.9	83.5	70.4	96.7
10:06:07 AM	79.1	86.1	69.8	103.3

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:07:07 AM	78	83.6	73.1	94.5
10:08:07 AM	77.9	83.9	72.3	96.2
10:09:07 AM	78.1	81.8	68.6	95.1
10:10:07 AM	77.5	81.8	69.8	94.5
10:11:07 AM	78.3	84.1	70.6	96.4
10:12:07 AM	79.2	86.2	73.2	102.4
10:13:07 AM	79	84.9	70.6	97.5
10:14:07 AM	77.1	81.4	73.8	94.3
10:15:07 AM	76.9	81.4	73.3	96.8
10:16:07 AM	77.6	84.6	70.8	99.5
10:17:07 AM	77.7	81.4	70	94.5
10:18:07 AM	77.5	82.3	69.6	96.9

Session Report

10/6/2021

Information Panel

Name S037_BIF090003_05102021_215115
Start Time 10/5/2021 10:04:11 AM
Stop Time 10/5/2021 10:19:11 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5' from GoG Vinyl wall 10-5-21 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	68.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

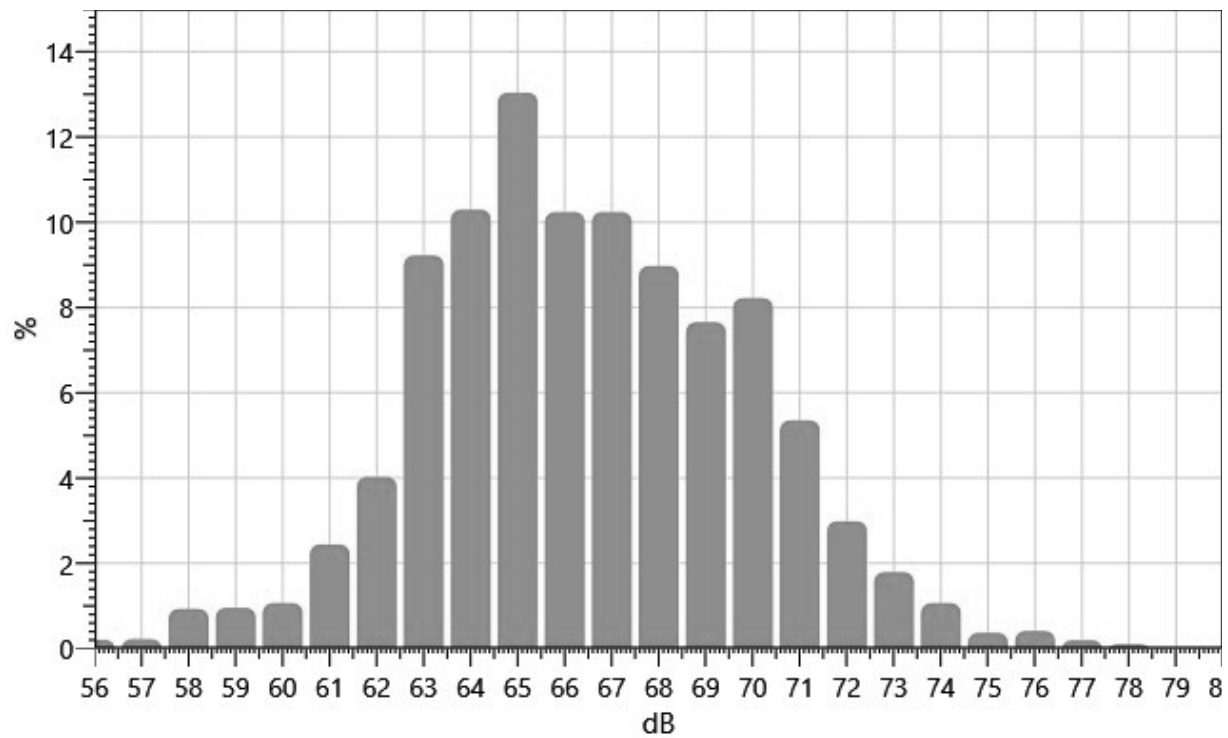
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.00	0.00	0.00	0.02	0.05	0.05	0.02	0.03	0.02	0.02	0.21
57:	0.01	0.02	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.22
58:	0.01	0.01	0.10	0.05	0.11	0.11	0.12	0.08	0.14	0.20	0.93
59:	0.13	0.11	0.12	0.10	0.08	0.10	0.10	0.12	0.05	0.06	0.96
60:	0.06	0.07	0.06	0.09	0.14	0.20	0.10	0.08	0.17	0.10	1.07
61:	0.15	0.15	0.16	0.22	0.22	0.20	0.23	0.27	0.36	0.46	2.44
62:	0.37	0.34	0.31	0.27	0.30	0.34	0.50	0.44	0.51	0.65	4.02
63:	0.68	0.57	0.89	0.77	0.86	0.97	0.95	1.08	1.14	1.31	9.22
64:	1.14	0.73	0.64	0.98	0.94	1.03	1.24	1.15	1.26	1.19	10.30
65:	1.36	1.23	1.27	1.52	1.28	1.37	1.25	1.22	1.25	1.28	13.04
66:	1.05	0.95	1.02	1.13	0.97	0.94	1.09	1.08	1.07	0.93	10.24
67:	0.92	0.74	1.11	1.08	0.98	1.09	1.10	1.15	1.10	0.98	10.24
68:	1.11	1.03	0.74	1.05	0.98	1.08	0.88	0.79	0.71	0.62	8.98
69:	0.79	0.67	0.79	0.78	0.66	0.69	0.81	0.80	0.72	0.94	7.65

70:	0.98	0.99	0.95	1.06	0.77	0.78	0.77	0.65	0.65	0.62	8.22
71:	0.82	0.77	0.39	0.48	0.56	0.47	0.47	0.51	0.47	0.42	5.35
72:	0.38	0.25	0.34	0.27	0.35	0.31	0.31	0.32	0.29	0.19	2.98
73:	0.21	0.18	0.19	0.19	0.15	0.16	0.19	0.17	0.13	0.23	1.79
74:	0.25	0.14	0.08	0.15	0.16	0.07	0.05	0.05	0.04	0.08	1.06
75:	0.07	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.04	0.37
76:	0.04	0.06	0.03	0.03	0.04	0.03	0.05	0.07	0.05	0.02	0.41
77:	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.19
78:	0.02	0.02	0.01	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.10

Statistics Chart

S037_BIF090003_05102021_215115: Statistics Chart



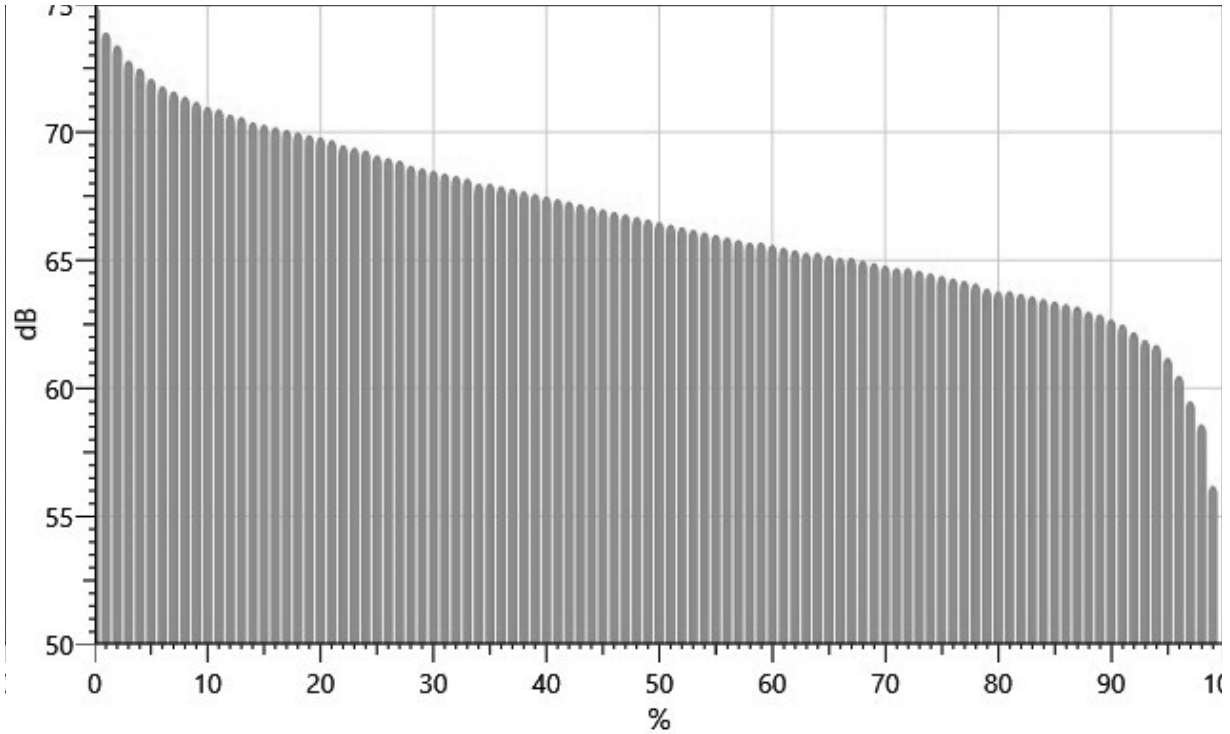
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		75.0	73.9	73.4	72.8	72.5	72.1	71.8	71.6	71.4
10%:	71.2	71.0	70.9	70.7	70.6	70.4	70.3	70.2	70.1	70.0
20%:	69.9	69.8	69.7	69.5	69.4	69.3	69.1	69.0	68.9	68.7
30%:	68.6	68.5	68.4	68.3	68.2	68.0	68.0	67.9	67.8	67.7
40%:	67.6	67.5	67.4	67.3	67.2	67.1	67.0	66.9	66.8	66.7
50%:	66.6	66.5	66.4	66.3	66.2	66.1	66.0	65.9	65.8	65.7

60%:	65.7	65.6	65.5	65.4	65.3	65.3	65.2	65.1	65.1	65.0
70%:	64.9	64.8	64.7	64.7	64.6	64.5	64.4	64.3	64.2	64.1
80%:	63.9	63.8	63.8	63.7	63.6	63.5	63.4	63.3	63.2	63.0
90%:	62.9	62.7	62.5	62.2	61.9	61.7	61.2	60.5	59.5	58.6
100%:	56.2									

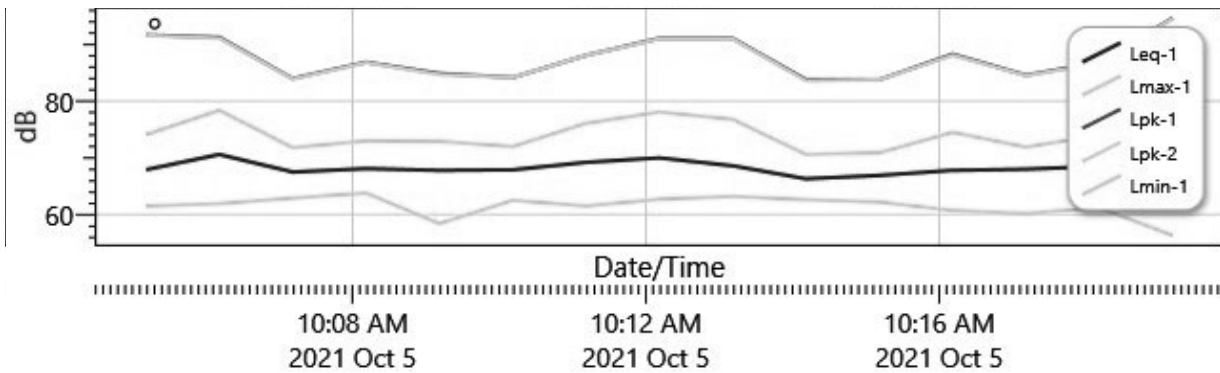
Exceedance Chart

S037_BIF090003_05102021_215115: Exceedance Chart



Logged Data Chart

S037_BIF090003_05102021_215115: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 10:05:11 AM	67.9	74.1	61.5	91.7
10:06:11 AM	70.6	78.4	61.9	91.3
10:07:11 AM	67.5	71.8	62.9	84
10:08:11 AM	68.1	73	63.8	86.9
10:09:11 AM	67.8	72.9	58.4	84.9
10:10:11 AM	67.9	72	62.5	84.2
10:11:11 AM	69.2	76.1	61.5	88.1
10:12:11 AM	70	78.1	62.7	91.1
10:13:11 AM	68.6	76.8	63.2	91.1
10:14:11 AM	66.3	70.6	62.6	83.8
10:15:11 AM	66.9	70.9	62.2	83.8
10:16:11 AM	67.8	74.5	60.7	88.3
10:17:11 AM	68	71.9	60.2	84.6
10:18:11 AM	68.5	74	61.2	86.9
10:19:11 AM	67.1	75	56.3	94.7

Session Report

10/6/2021

Information Panel

Name S064_BIG080015_05102021_224048
Start Time 10/5/2021 10:02:57 AM
Stop Time 10/5/2021 10:17:57 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 25' from GoG vinyl wall 10-5-21 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	67 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

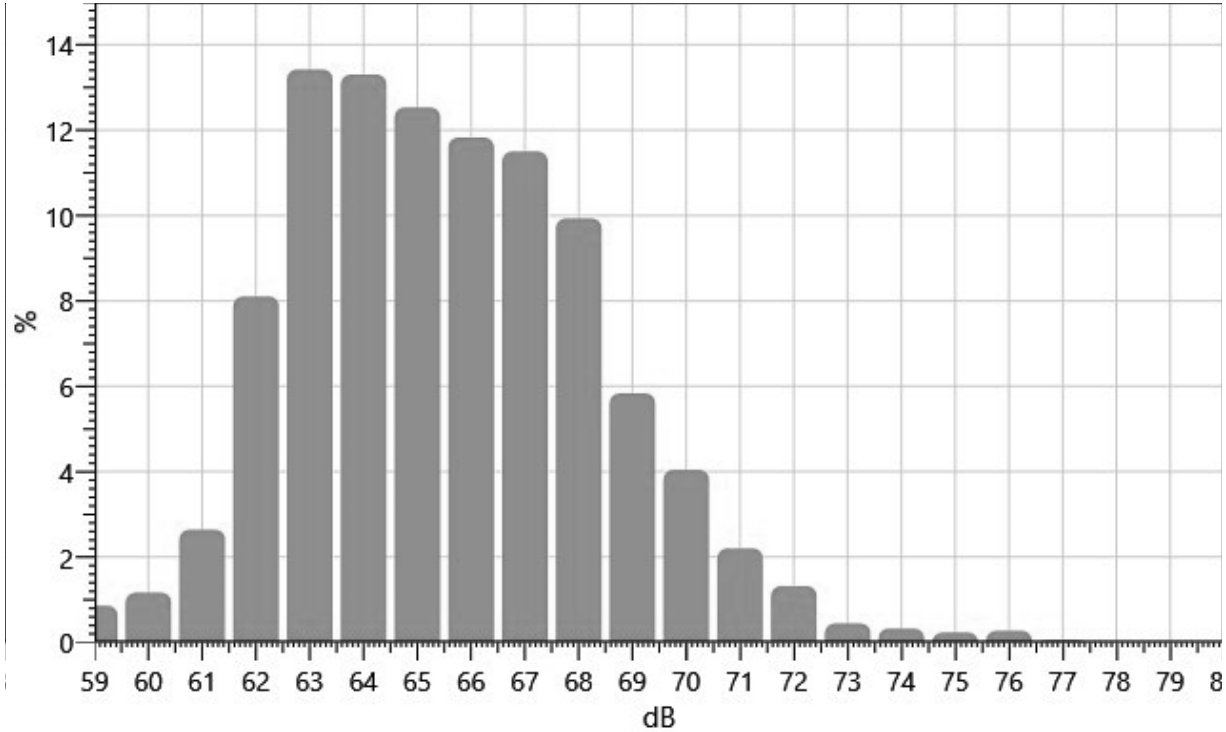
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.01	0.03	0.10	0.14	0.13	0.18	0.17	0.03	0.03	0.04	0.86
60:	0.07	0.08	0.06	0.09	0.11	0.12	0.07	0.07	0.20	0.31	1.16
61:	0.26	0.24	0.30	0.20	0.34	0.21	0.21	0.26	0.36	0.26	2.64
62:	0.32	0.43	0.66	0.57	0.44	0.78	1.09	1.12	1.28	1.41	8.10
63:	1.38	1.29	1.20	1.39	1.23	1.23	1.35	1.41	1.43	1.51	13.42
64:	1.19	1.19	1.11	1.16	1.38	1.58	1.43	1.33	1.36	1.58	13.30
65:	1.61	1.45	1.22	1.17	1.32	1.23	1.20	1.12	1.13	1.08	12.53
66:	1.23	1.06	1.16	1.09	1.00	1.27	1.41	1.24	1.19	1.18	11.83
67:	1.23	1.35	1.20	1.02	1.17	1.27	1.14	1.08	0.93	1.11	11.50
68:	1.24	1.23	0.83	1.12	1.06	0.99	0.77	0.82	0.87	1.00	9.93
69:	0.92	0.75	0.72	0.53	0.57	0.54	0.48	0.44	0.40	0.47	5.83
70:	0.39	0.40	0.42	0.45	0.41	0.48	0.42	0.36	0.32	0.39	4.04
71:	0.49	0.40	0.22	0.32	0.20	0.12	0.12	0.10	0.10	0.12	2.20
72:	0.12	0.14	0.24	0.15	0.19	0.14	0.08	0.09	0.10	0.07	1.32

73:	0.07	0.07	0.03	0.03	0.04	0.03	0.04	0.05	0.04	0.04	0.44
74:	0.06	0.04	0.02	0.05	0.02	0.02	0.02	0.03	0.02	0.03	0.32
75:	0.04	0.05	0.04	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.23
76:	0.01	0.02	0.02	0.02	0.02	0.03	0.02	0.05	0.05	0.04	0.27
77:	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S064_BIG080015_05102021_224048: Statistics Chart



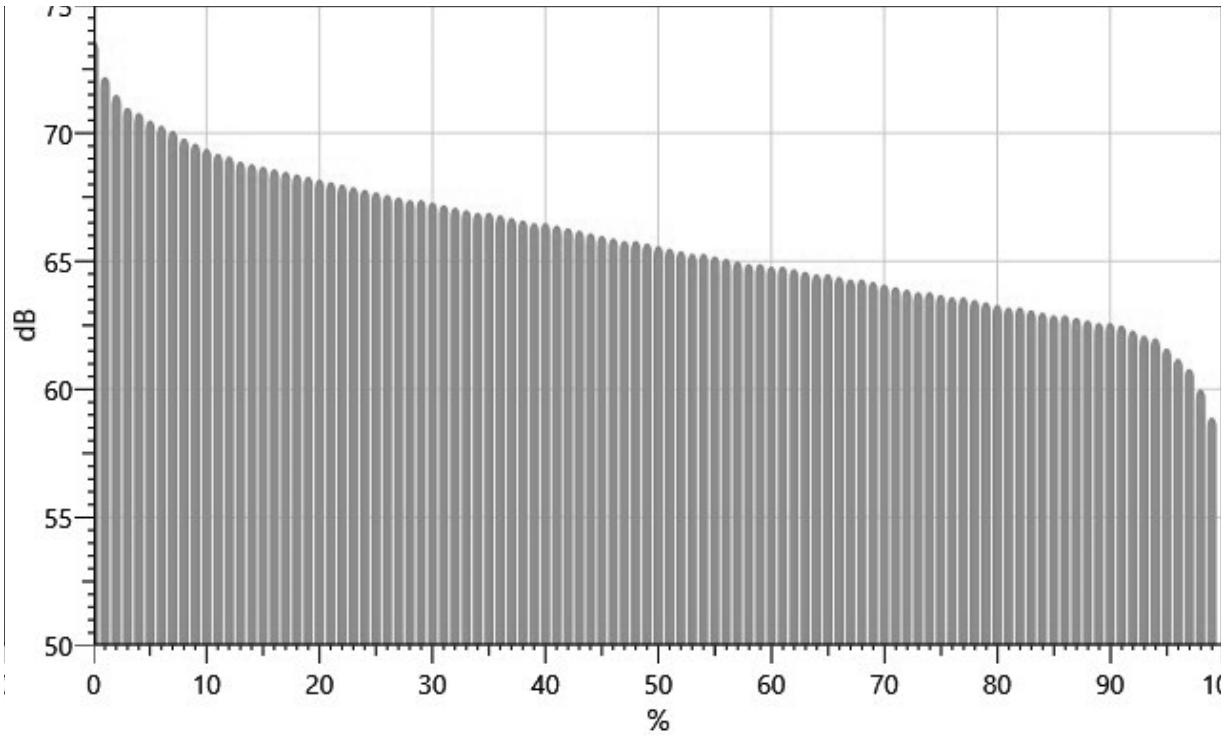
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		73.6	72.2	71.5	71.0	70.8	70.5	70.3	70.1	69.8
10%:	69.6	69.4	69.2	69.1	68.9	68.8	68.7	68.6	68.5	68.4
20%:	68.3	68.2	68.1	68.0	67.9	67.8	67.7	67.6	67.5	67.4
30%:	67.4	67.3	67.2	67.1	67.0	66.9	66.9	66.8	66.7	66.6
40%:	66.5	66.5	66.4	66.3	66.2	66.1	66.0	65.9	65.8	65.8
50%:	65.7	65.6	65.5	65.4	65.3	65.3	65.2	65.1	65.0	64.9
60%:	64.9	64.8	64.8	64.7	64.6	64.5	64.5	64.4	64.3	64.3
70%:	64.2	64.1	64.0	63.9	63.8	63.8	63.7	63.6	63.6	63.5
80%:	63.4	63.3	63.2	63.2	63.1	63.0	62.9	62.9	62.8	62.7
90%:	62.6	62.6	62.5	62.3	62.1	62.0	61.6	61.2	60.8	60.0

100%: 58.9

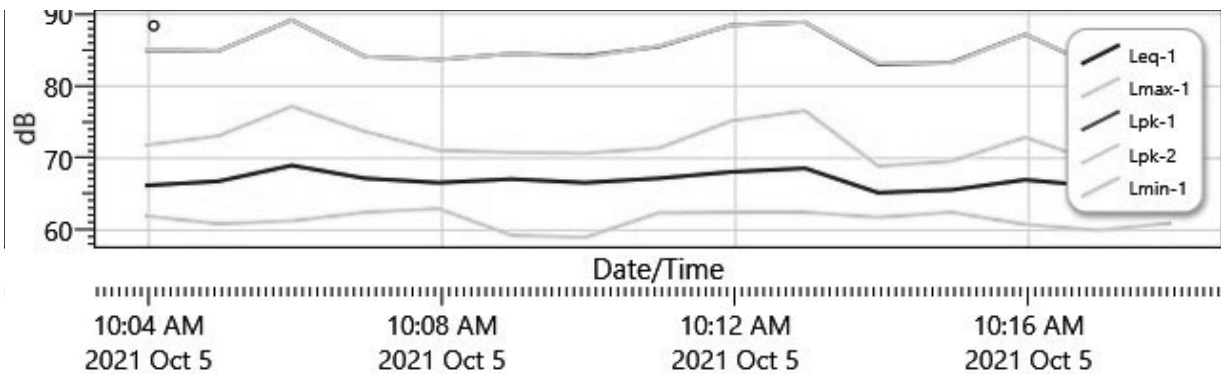
Exceedance Chart

S064_BIG080015_05102021_224048: Exceedance Chart



Logged Data Chart

S064_BIG080015_05102021_224048: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 10:03:57 AM	66.2	71.8	62	85
10:04:57 AM	66.8	73.1	60.9	84.9
10:05:57 AM	69	77.2	61.3	89.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:06:57 AM	67.2	73.7	62.5	84.1
10:07:57 AM	66.6	71.1	63	83.7
10:08:57 AM	67.1	70.8	59.3	84.5
10:09:57 AM	66.6	70.7	59	84.2
10:10:57 AM	67.2	71.4	62.4	85.5
10:11:57 AM	68.1	75.2	62.5	88.5
10:12:57 AM	68.6	76.6	62.5	88.9
10:13:57 AM	65.2	68.9	61.8	83
10:14:57 AM	65.6	69.6	62.5	83.3
10:15:57 AM	67	72.9	60.8	87.2
10:16:57 AM	66.1	69.4	60	82.6
10:17:57 AM	66.5	71.4	61	85

Session Report

10/6/2021

Information Panel

Name S019_BIH050001_05102021_231614
Start Time 10/5/2021 10:03:05 AM
Stop Time 10/5/2021 10:18:05 AM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 50' from GoG vinyl wall 10-5-21 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	68.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

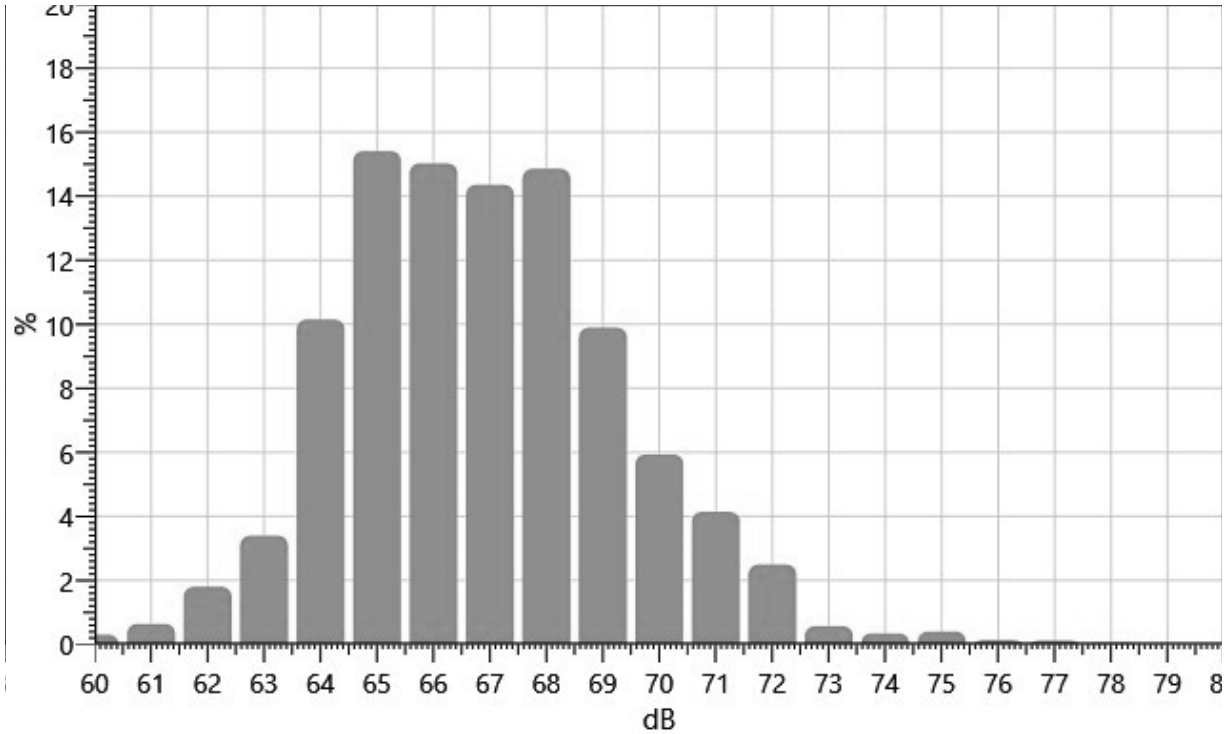
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
60:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.09	0.17	0.31
61:	0.05	0.06	0.04	0.10	0.17	0.08	0.03	0.02	0.03	0.05	0.64
62:	0.06	0.18	0.11	0.15	0.14	0.06	0.28	0.35	0.27	0.20	1.80
63:	0.31	0.26	0.24	0.39	0.41	0.28	0.47	0.36	0.30	0.37	3.39
64:	0.54	0.49	0.55	0.87	0.90	1.13	1.38	1.35	1.34	1.60	10.15
65:	2.06	1.76	1.32	1.39	1.49	1.13	1.32	1.69	1.64	1.62	15.41
66:	1.72	1.85	1.65	1.52	1.42	1.60	1.51	1.37	1.23	1.16	15.02
67:	1.27	1.49	1.64	1.43	1.28	1.63	1.39	1.32	1.37	1.54	14.36
68:	1.49	1.44	1.01	1.41	1.61	2.12	1.76	1.40	1.44	1.16	14.86
69:	1.03	0.93	1.20	1.22	1.09	0.90	0.97	1.03	0.78	0.74	9.89
70:	0.72	0.66	0.63	0.52	0.63	0.51	0.56	0.54	0.61	0.56	5.93
71:	0.59	0.45	0.32	0.46	0.45	0.36	0.42	0.32	0.42	0.35	4.14
72:	0.29	0.27	0.25	0.30	0.27	0.23	0.29	0.30	0.19	0.11	2.49
73:	0.15	0.12	0.04	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.57

74:	0.08	0.04	0.02	0.04	0.02	0.03	0.02	0.03	0.02	0.02	0.34
75:	0.02	0.03	0.03	0.07	0.03	0.04	0.04	0.05	0.07	0.01	0.40
76:	0.01	0.01	0.02	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.13
77:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.12
78:	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S019_BIH050001_05102021_231614: Statistics Chart



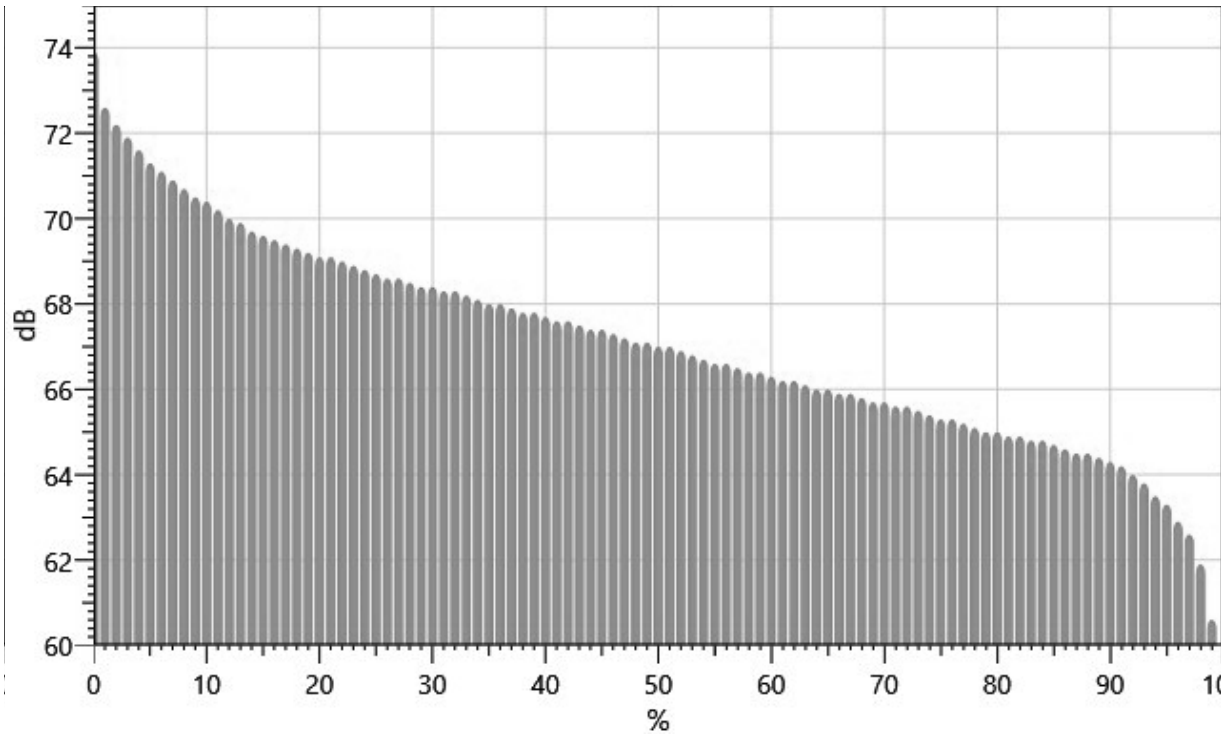
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		73.9	72.6	72.2	71.9	71.6	71.3	71.1	70.9	70.7
10%:	70.5	70.4	70.2	70.0	69.9	69.7	69.6	69.5	69.4	69.3
20%:	69.2	69.1	69.1	69.0	68.9	68.8	68.7	68.6	68.6	68.5
30%:	68.4	68.4	68.3	68.3	68.2	68.1	68.0	68.0	67.9	67.8
40%:	67.8	67.7	67.6	67.6	67.5	67.4	67.4	67.3	67.2	67.1
50%:	67.1	67.0	67.0	66.9	66.8	66.7	66.6	66.6	66.5	66.4
60%:	66.4	66.3	66.2	66.2	66.1	66.0	66.0	65.9	65.9	65.8
70%:	65.7	65.7	65.6	65.6	65.5	65.4	65.3	65.3	65.2	65.1
80%:	65.0	65.0	64.9	64.9	64.8	64.8	64.7	64.6	64.5	64.5
90%:	64.4	64.3	64.2	64.0	63.8	63.5	63.3	62.9	62.6	61.9

100%: 60.6

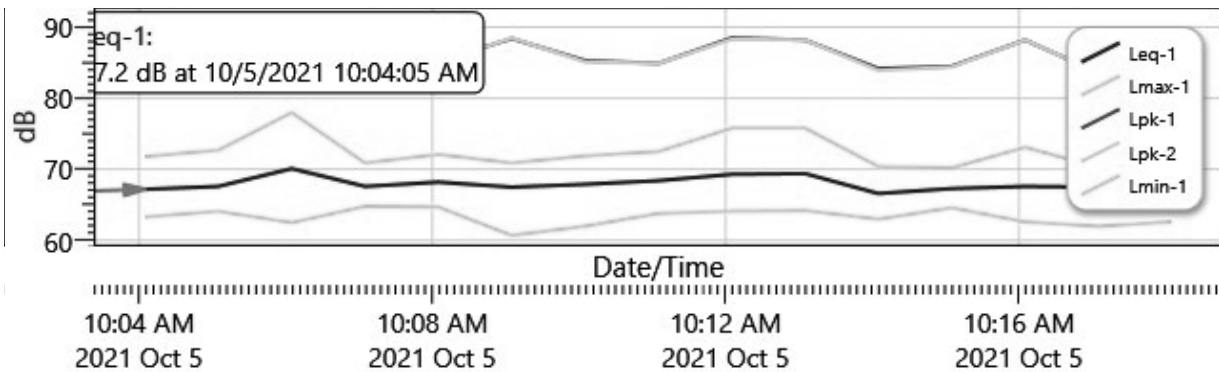
Exceedance Chart

S019_BIH050001_05102021_231614: Exceedance Chart



Logged Data Chart

S019_BIH050001_05102021_231614: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 10:04:05 AM	67.2	71.8	63.3	85.5
10:05:05 AM	67.6	72.7	64.1	84.5
10:06:05 AM	70.1	78	62.5	91.3

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:07:05 AM	67.6	70.9	64.8	82.9
10:08:05 AM	68.2	72.1	64.7	85.2
10:09:05 AM	67.5	70.9	60.7	88.4
10:10:05 AM	67.9	71.9	62	85.3
10:11:05 AM	68.4	72.5	63.8	84.9
10:12:05 AM	69.3	75.8	64.1	88.5
10:13:05 AM	69.4	75.8	64.2	88.2
10:14:05 AM	66.6	70.4	63	84.2
10:15:05 AM	67.3	70.2	64.6	84.5
10:16:05 AM	67.6	73.1	62.6	88.2
10:17:05 AM	67.5	70.3	62	83.6
10:18:05 AM	68.1	73.1	62.6	86.5

Session Report

10/6/2021

Information Panel

Name S038_BIF090005_05102021_211339
Start Time 10/5/2021 10:30:56 AM
Stop Time 10/5/2021 10:45:56 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 Top of Simulated Wall 10-5-21 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

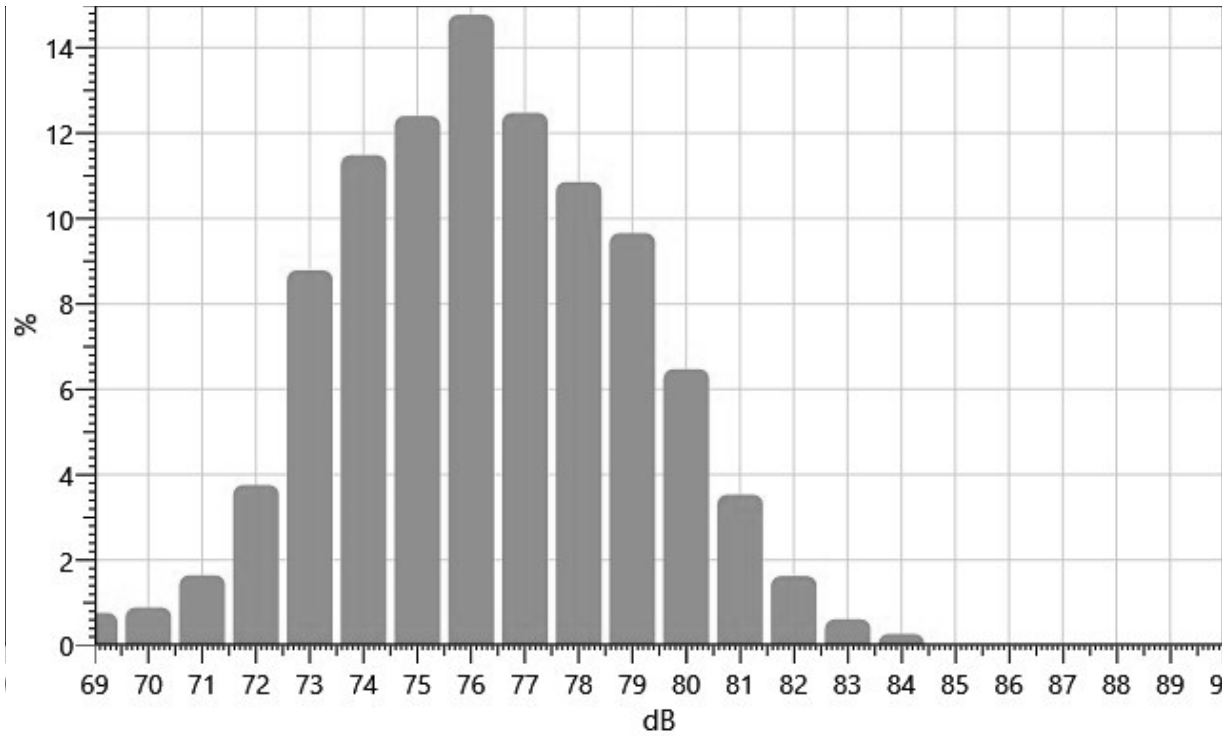
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
69:	0.01	0.03	0.06	0.10	0.05	0.06	0.09	0.16	0.09	0.11	0.76
70:	0.11	0.09	0.07	0.10	0.09	0.07	0.09	0.11	0.09	0.07	0.89
71:	0.11	0.09	0.05	0.08	0.13	0.14	0.18	0.30	0.30	0.29	1.64
72:	0.26	0.45	0.30	0.29	0.31	0.48	0.41	0.39	0.35	0.52	3.76
73:	0.66	0.63	0.71	0.84	0.90	1.07	0.96	1.16	1.06	0.80	8.79
74:	0.90	1.03	0.76	1.08	1.17	1.33	1.26	1.28	1.40	1.27	11.49
75:	1.14	1.21	1.28	1.51	1.18	1.19	1.07	1.31	1.25	1.25	12.40
76:	1.44	1.24	1.35	1.36	1.33	1.47	1.47	1.89	1.62	1.59	14.77
77:	1.72	1.71	0.91	1.09	1.08	1.16	1.16	1.24	1.27	1.14	12.48
78:	1.19	1.11	1.31	1.15	0.84	0.91	1.18	1.12	1.11	0.94	10.86
79:	0.88	0.88	0.95	0.99	1.14	0.93	1.02	1.01	0.88	0.99	9.66
80:	0.79	0.85	0.83	0.93	0.59	0.56	0.39	0.39	0.67	0.47	6.47
81:	0.34	0.34	0.39	0.40	0.39	0.46	0.44	0.33	0.27	0.18	3.53
82:	0.15	0.13	0.17	0.24	0.22	0.21	0.14	0.13	0.17	0.09	1.62

83:	0.10	0.11	0.04	0.05	0.05	0.04	0.02	0.04	0.07	0.08	0.61
84:	0.08	0.06	0.04	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.27

Statistics Chart

S038_BIF090005_05102021_211339: Statistics Chart

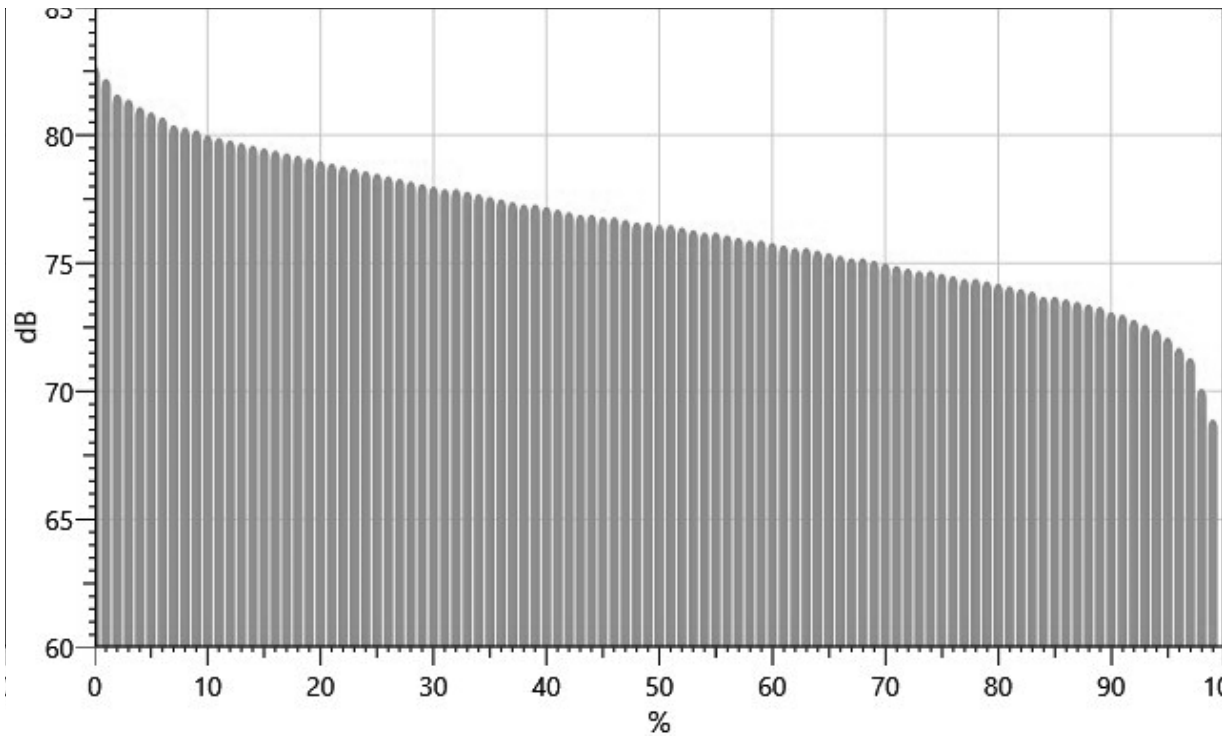


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		82.7	82.2	81.6	81.4	81.1	80.9	80.7	80.4	80.3
10%:	80.2	80.0	79.9	79.8	79.7	79.6	79.5	79.4	79.3	79.2
20%:	79.1	79.0	78.9	78.8	78.7	78.6	78.5	78.4	78.3	78.2
30%:	78.1	78.0	77.9	77.9	77.8	77.7	77.6	77.5	77.4	77.3
40%:	77.3	77.2	77.1	77.0	76.9	76.9	76.8	76.8	76.7	76.6
50%:	76.6	76.5	76.5	76.4	76.3	76.2	76.2	76.1	76.0	75.9
60%:	75.9	75.8	75.7	75.6	75.6	75.5	75.4	75.3	75.2	75.2
70%:	75.1	75.0	74.9	74.8	74.7	74.7	74.6	74.5	74.4	74.4
80%:	74.3	74.2	74.1	74.0	73.9	73.7	73.7	73.6	73.5	73.4
90%:	73.3	73.1	73.0	72.8	72.6	72.4	72.1	71.7	71.3	70.1
100%:	68.9									

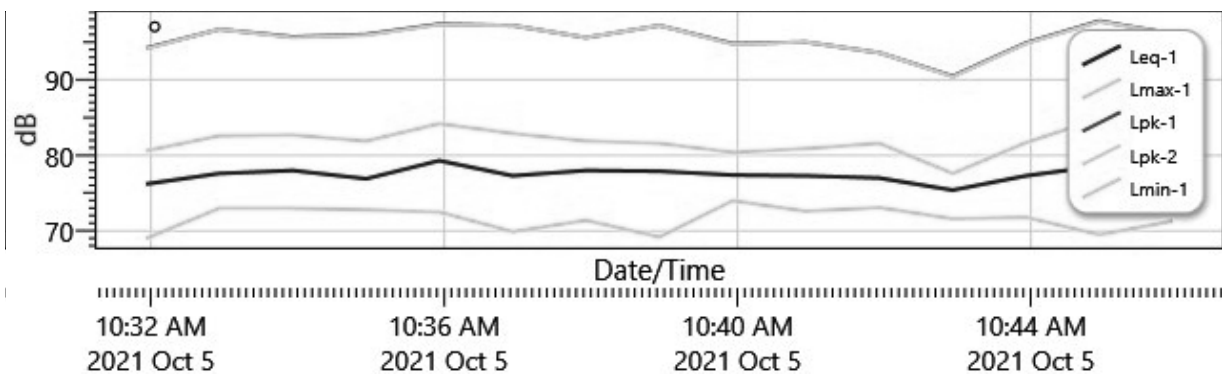
Exceedance Chart

S038_BIF090005_05102021_211339: Exceedance Chart



Logged Data Chart

S038_BIF090005_05102021_211339: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 10:31:56 AM	76.2	80.6	69	94.2
10:32:56 AM	77.6	82.6	73	96.7
10:33:56 AM	78	82.7	73	95.7
10:34:56 AM	76.9	81.9	72.8	96
10:35:56 AM	79.3	84.2	72.5	97.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:36:56 AM	77.3	82.9	69.9	97.2
10:37:56 AM	78	81.9	71.4	95.6
10:38:56 AM	77.9	81.6	69.2	97.2
10:39:56 AM	77.4	80.4	74	94.8
10:40:56 AM	77.3	80.9	72.6	95
10:41:56 AM	77	81.6	73.1	93.6
10:42:56 AM	75.4	77.6	71.6	90.5
10:43:56 AM	77.3	81.7	71.8	94.9
10:44:56 AM	78.6	84.9	69.5	97.8
10:45:56 AM	77.9	83.4	71.3	96.1

Session Report

10/6/2021

Information Panel

Name S038_BIF090003_05102021_215118
Start Time 10/5/2021 10:30:54 AM
Stop Time 10/5/2021 10:45:54 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5' from Simulated wall 10-5-21 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	76.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

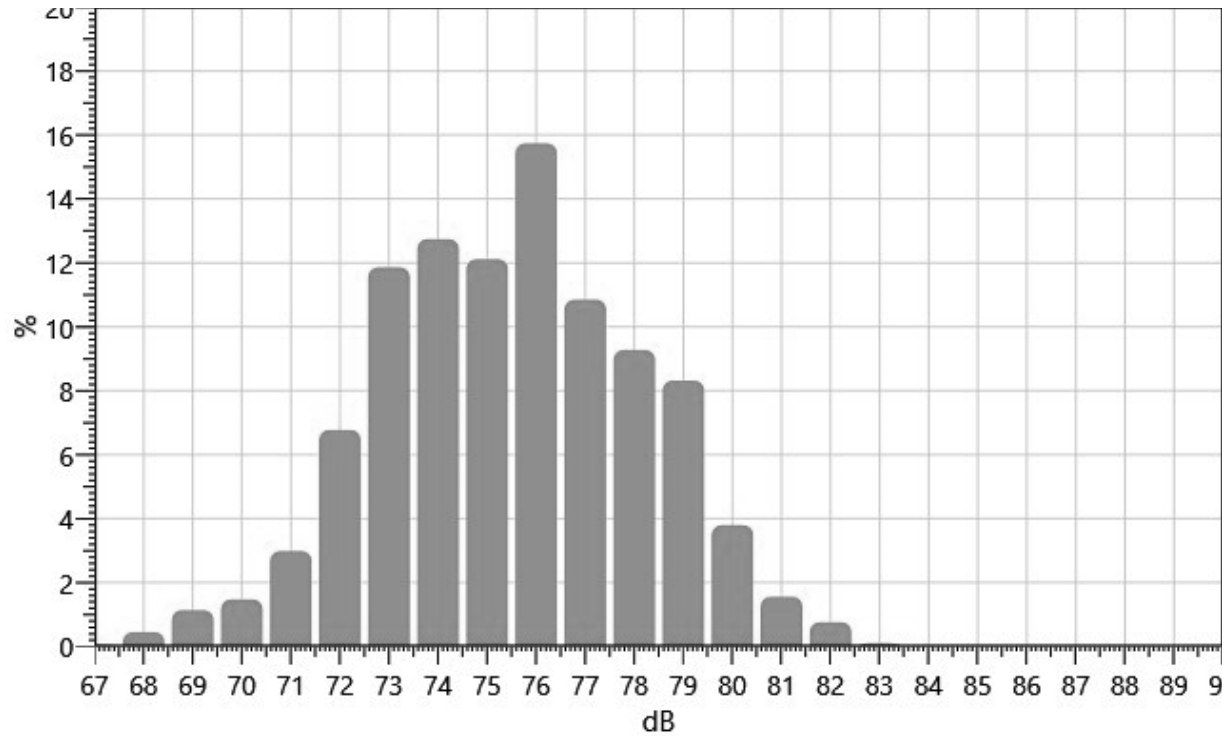
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
67:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.06
68:	0.05	0.07	0.02	0.02	0.04	0.03	0.10	0.07	0.03	0.02	0.45
69:	0.02	0.08	0.17	0.16	0.19	0.15	0.10	0.11	0.08	0.08	1.14
70:	0.08	0.07	0.10	0.08	0.12	0.26	0.21	0.23	0.17	0.15	1.47
71:	0.22	0.26	0.19	0.28	0.27	0.33	0.31	0.39	0.37	0.36	2.98
72:	0.44	0.40	0.44	0.65	0.72	0.69	0.71	0.77	0.94	1.00	6.77
73:	1.19	1.34	1.03	0.93	0.80	0.92	1.11	1.43	1.47	1.65	11.86
74:	1.61	1.58	1.07	1.63	1.30	1.19	1.06	1.19	1.02	1.11	12.74
75:	1.44	1.00	1.03	1.18	1.19	1.19	1.32	1.21	1.21	1.35	12.11
76:	1.73	1.44	1.31	1.52	1.53	1.59	1.53	1.56	1.76	1.78	15.74
77:	1.44	1.31	0.97	1.05	1.00	1.05	1.04	1.07	0.89	1.03	10.85
78:	0.99	1.05	0.80	0.93	0.99	0.86	0.93	0.86	0.93	0.91	9.28
79:	0.79	0.83	1.03	1.15	0.90	0.87	0.67	0.70	0.77	0.60	8.32
80:	0.48	0.49	0.39	0.34	0.32	0.39	0.42	0.29	0.33	0.33	3.80

81:	0.20	0.25	0.27	0.18	0.17	0.12	0.17	0.10	0.08	0.03	1.56
82:	0.13	0.10	0.11	0.07	0.06	0.07	0.05	0.07	0.05	0.06	0.76
83:	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.10

Statistics Chart

S038_BIF090003_05102021_215118: Statistics Chart

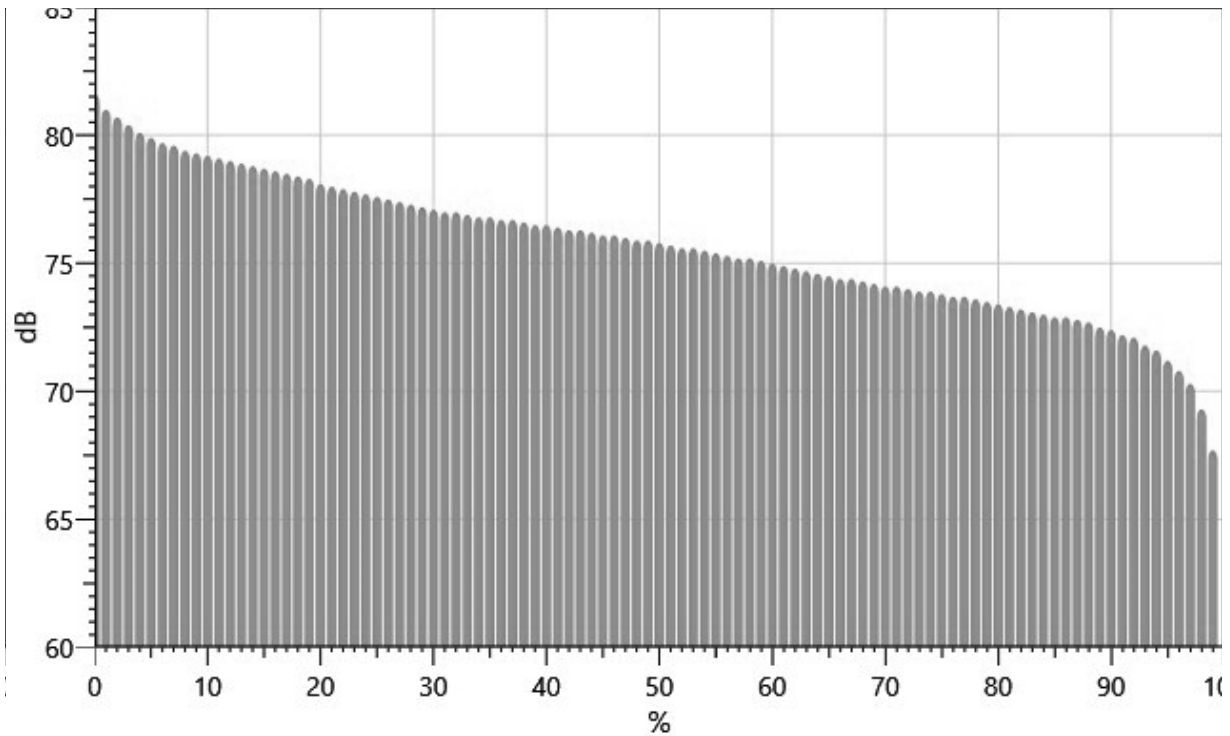


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		81.6	81.0	80.7	80.4	80.1	79.9	79.7	79.6	79.4
10%:	79.3	79.2	79.1	79.0	78.9	78.8	78.7	78.6	78.5	78.4
20%:	78.3	78.1	78.0	77.9	77.8	77.7	77.6	77.5	77.4	77.3
30%:	77.2	77.1	77.0	77.0	76.9	76.8	76.8	76.7	76.7	76.6
40%:	76.5	76.5	76.4	76.3	76.3	76.2	76.1	76.1	76.0	75.9
50%:	75.9	75.8	75.7	75.6	75.6	75.5	75.4	75.3	75.2	75.2
60%:	75.1	75.0	74.9	74.8	74.7	74.6	74.5	74.4	74.4	74.3
70%:	74.2	74.1	74.1	74.0	73.9	73.9	73.8	73.7	73.7	73.6
80%:	73.5	73.4	73.3	73.2	73.1	73.0	72.9	72.9	72.8	72.7
90%:	72.5	72.4	72.2	72.1	71.8	71.6	71.2	70.8	70.3	69.3
100%:	67.7									

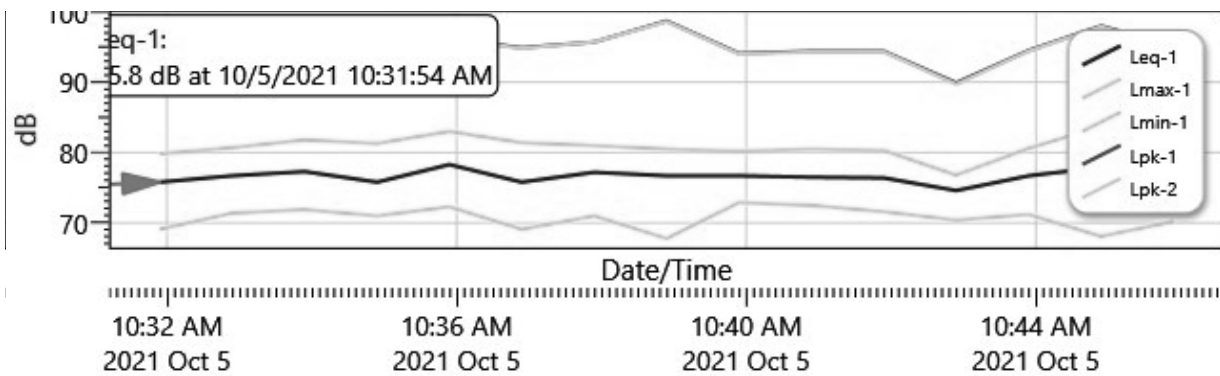
Exceedance Chart

S038_BIF090003_05102021_215118: Exceedance Chart



Logged Data Chart

S038_BIF090003_05102021_215118: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 10:31:54 AM	75.8	79.8	69.1	93.3
10:32:54 AM	76.7	80.7	71.4	96.3
10:33:54 AM	77.3	81.8	71.9	96.8
10:34:54 AM	75.8	81.3	71	96.3
10:35:54 AM	78.3	83	72.3	96.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:36:54 AM	75.8	81.4	69.1	94.9
10:37:54 AM	77.2	81	71	95.7
10:38:54 AM	76.7	80.5	67.8	98.7
10:39:54 AM	76.7	80.2	72.9	94.1
10:40:54 AM	76.5	80.5	72.5	94.4
10:41:54 AM	76.4	80.3	71.6	94.4
10:42:54 AM	74.6	76.8	70.4	89.9
10:43:54 AM	76.7	80.6	71.2	94.5
10:44:54 AM	77.9	83.7	68.1	98
10:45:54 AM	76.9	82.3	70.2	95.1

Session Report

10/6/2021

Information Panel

Name S065_BIG080015_05102021_224054
Start Time 10/5/2021 10:30:45 AM
Stop Time 10/5/2021 10:45:45 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 25' from Simulated wall 10-5-21 (1) a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	75.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

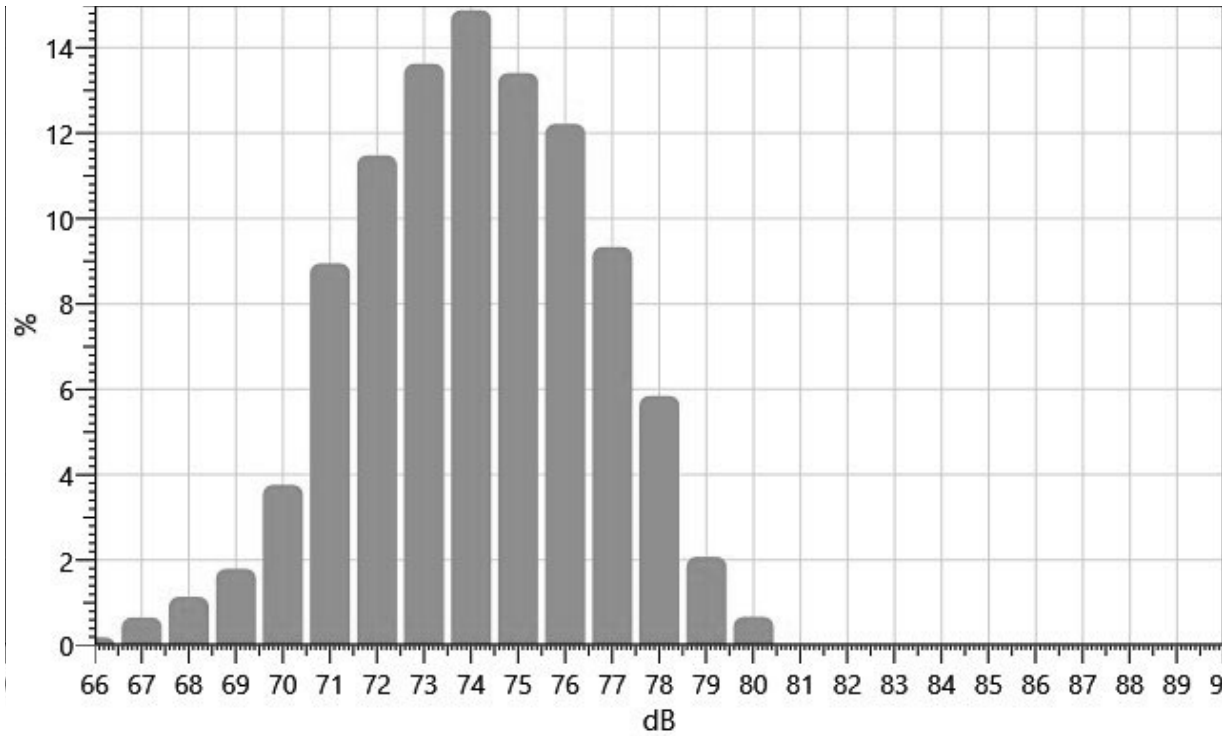
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
66:	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.02	0.02	0.06	0.19
67:	0.03	0.02	0.01	0.05	0.04	0.06	0.06	0.07	0.15	0.16	0.65
68:	0.10	0.11	0.06	0.11	0.09	0.08	0.09	0.19	0.18	0.14	1.14
69:	0.15	0.10	0.17	0.21	0.18	0.20	0.13	0.22	0.24	0.18	1.79
70:	0.22	0.22	0.27	0.30	0.42	0.44	0.45	0.49	0.46	0.49	3.76
71:	0.86	0.86	0.54	0.73	0.89	0.97	0.82	1.02	1.25	0.99	8.95
72:	1.05	1.00	1.14	1.03	1.00	1.05	1.05	1.27	1.27	1.63	11.48
73:	1.62	1.34	1.47	1.35	1.39	1.29	1.20	1.18	1.30	1.50	13.63
74:	1.62	1.83	1.19	1.34	1.50	1.54	1.52	1.39	1.49	1.45	14.88
75:	1.30	1.50	1.46	1.56	1.40	1.32	1.33	1.21	1.18	1.14	13.41
76:	1.30	1.10	1.04	1.07	1.07	1.07	1.21	1.63	1.38	1.38	12.22
77:	1.20	1.11	0.69	1.03	0.84	0.91	1.03	0.94	0.81	0.78	9.33
78:	0.73	0.61	0.60	0.65	0.56	0.46	0.55	0.65	0.53	0.50	5.84
79:	0.40	0.29	0.20	0.21	0.20	0.22	0.16	0.09	0.17	0.13	2.07

80: 0.12 0.15 0.06 0.07 0.09 0.09 0.05 0.04 0.00 0.00 0.67

Statistics Chart

S065_BIG080015_05102021_224054: Statistics Chart

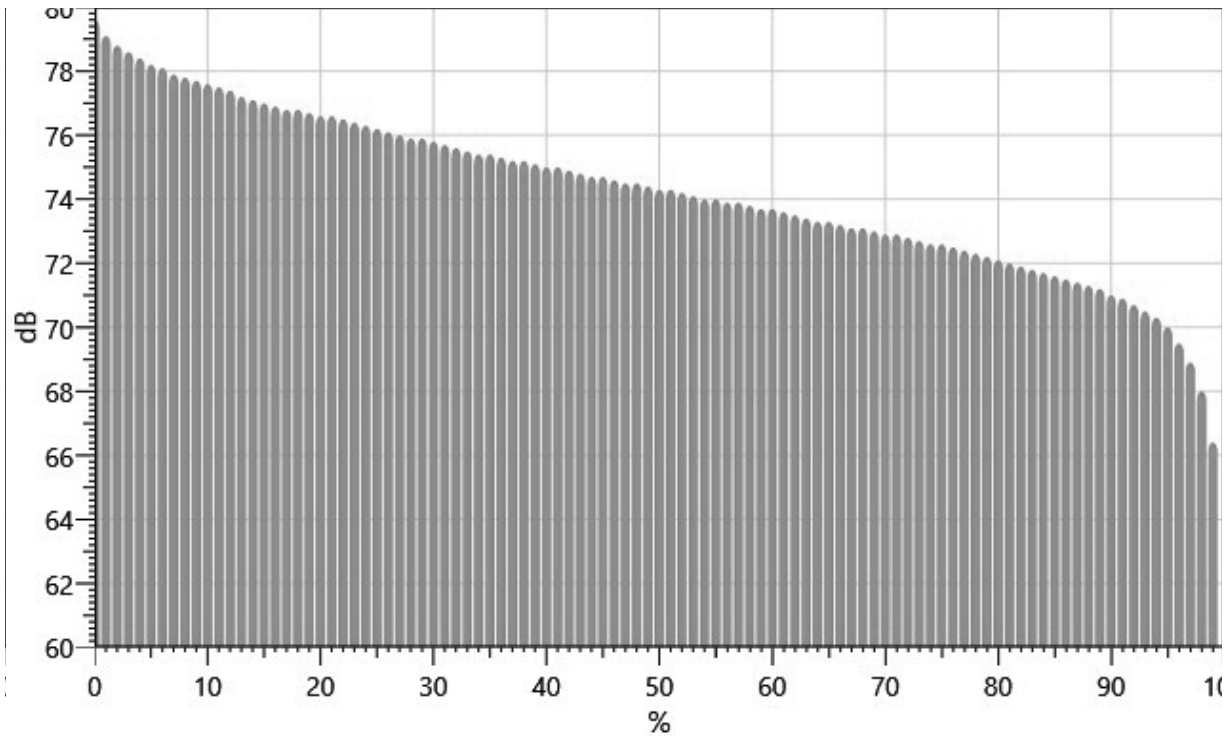


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		79.6	79.1	78.8	78.6	78.4	78.2	78.1	77.9	77.8
10%:	77.7	77.6	77.5	77.4	77.2	77.1	77.0	76.9	76.8	76.8
20%:	76.7	76.6	76.6	76.5	76.4	76.3	76.2	76.1	76.0	75.9
30%:	75.9	75.8	75.7	75.6	75.5	75.4	75.4	75.3	75.2	75.2
40%:	75.1	75.0	75.0	74.9	74.8	74.7	74.7	74.6	74.5	74.5
50%:	74.4	74.3	74.3	74.2	74.1	74.0	74.0	73.9	73.9	73.8
60%:	73.7	73.7	73.6	73.5	73.4	73.3	73.3	73.2	73.1	73.1
70%:	73.0	72.9	72.9	72.8	72.7	72.6	72.6	72.5	72.4	72.3
80%:	72.2	72.1	72.0	71.9	71.8	71.7	71.6	71.5	71.4	71.3
90%:	71.2	71.0	70.9	70.7	70.5	70.3	70.0	69.5	68.9	68.0
100%:	66.4									

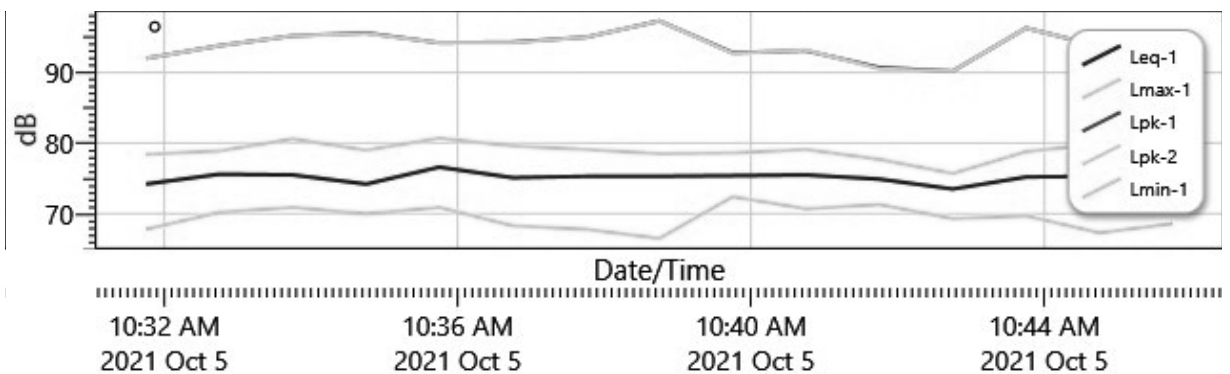
Exceedance Chart

S065_BIG080015_05102021_224054: Exceedance Chart



Logged Data Chart

S065_BIG080015_05102021_224054: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 10:31:45 AM	74.2	78.4	67.8	92
10:32:45 AM	75.6	78.9	70.2	93.8
10:33:45 AM	75.5	80.6	70.9	95.2
10:34:45 AM	74.2	79	70	95.6
10:35:45 AM	76.6	80.7	70.9	94.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:36:45 AM	75.1	79.6	68.3	94.3
10:37:45 AM	75.3	79.1	67.8	95
10:38:45 AM	75.3	78.5	66.5	97.3
10:39:45 AM	75.4	78.6	72.4	92.8
10:40:45 AM	75.5	79.1	70.7	93.1
10:41:45 AM	74.9	77.7	71.3	90.7
10:42:45 AM	73.5	75.7	69.3	90.2
10:43:45 AM	75.2	78.8	69.7	96.3
10:44:45 AM	75.3	79.9	67.3	93.7
10:45:45 AM	75.5	80.2	68.6	94.2

Session Report

10/6/2021

Information Panel

Name S021_BIH050001_05102021_231618
Start Time 10/5/2021 10:30:57 AM
Stop Time 10/5/2021 10:45:57 AM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 50' from simulated wall 10-5-21 (1) a.m.

Summary Data Panel

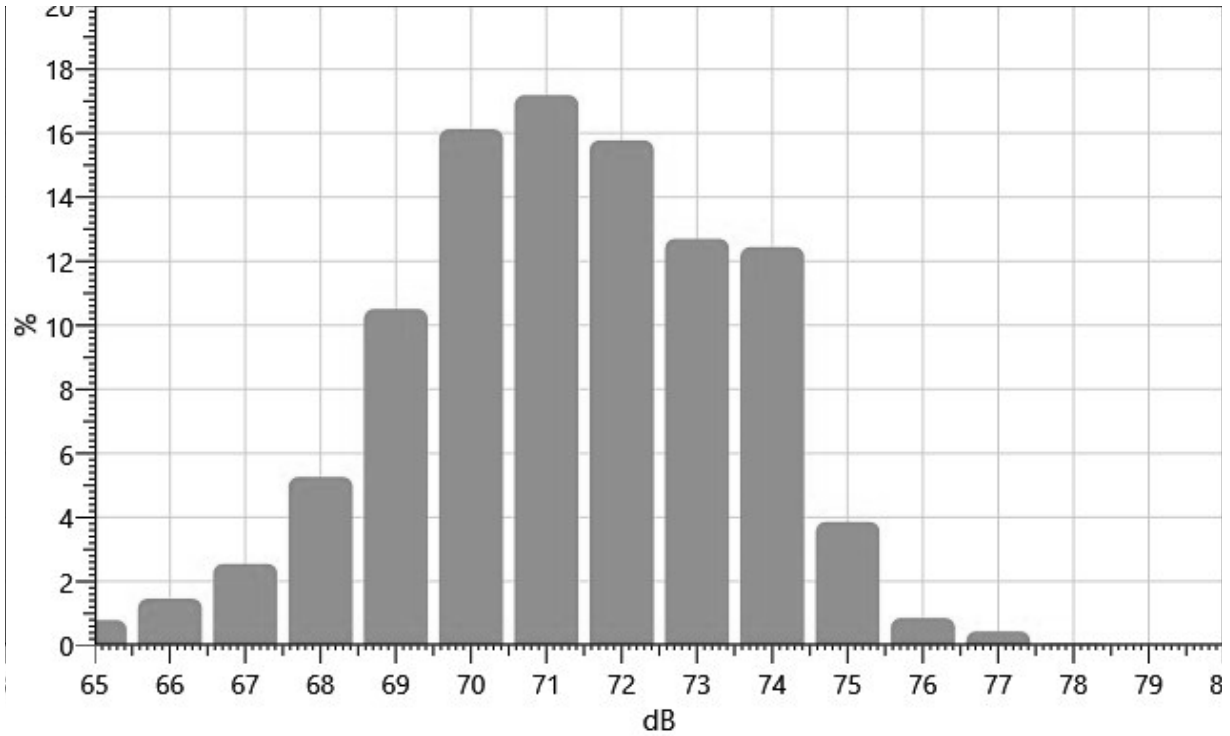
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	72.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
65:	0.04	0.07	0.09	0.07	0.08	0.09	0.08	0.09	0.10	0.08	0.79
66:	0.06	0.05	0.08	0.18	0.27	0.15	0.16	0.17	0.18	0.15	1.46
67:	0.22	0.22	0.21	0.22	0.15	0.18	0.20	0.30	0.47	0.38	2.55
68:	0.38	0.44	0.25	0.52	0.51	0.53	0.57	0.56	0.73	0.77	5.26
69:	1.05	0.92	1.01	0.93	0.90	0.99	1.35	1.29	1.02	1.05	10.51
70:	1.25	1.35	1.46	1.94	1.58	1.49	1.76	1.74	1.68	1.87	16.12
71:	1.90	1.92	1.16	1.92	1.68	1.76	1.68	1.38	1.68	2.10	17.19
72:	1.88	1.75	1.66	1.47	1.62	1.62	1.51	1.64	1.38	1.26	15.78
73:	1.39	1.30	1.32	1.39	1.32	1.14	1.33	1.16	1.05	1.30	12.70
74:	1.40	1.73	1.07	1.38	1.15	1.39	1.46	1.05	1.02	0.78	12.44
75:	0.74	0.80	0.53	0.41	0.31	0.28	0.37	0.19	0.16	0.08	3.86
76:	0.15	0.14	0.13	0.10	0.06	0.10	0.06	0.04	0.04	0.03	0.86
77:	0.08	0.07	0.15	0.06	0.03	0.02	0.00	0.01	0.01	0.01	0.44
78:	0.01	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S021_BIH050001_05102021_231618: Statistics Chart

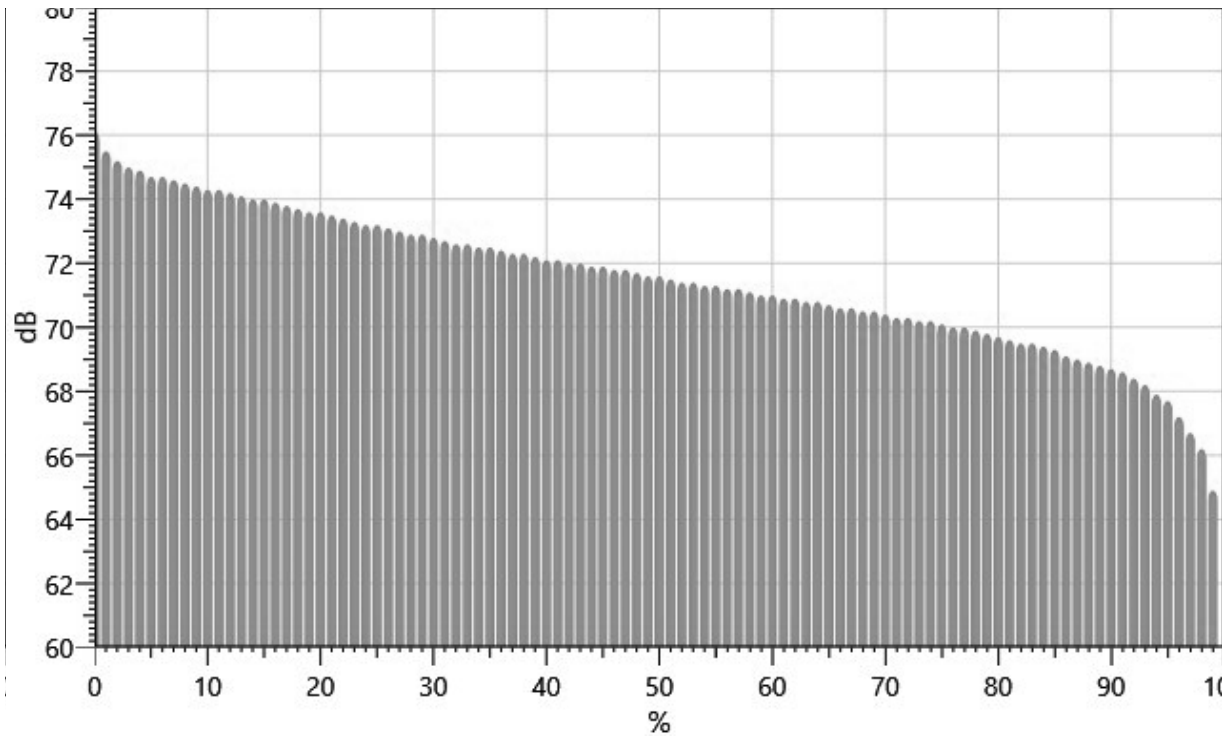


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		76.1	75.5	75.2	75.0	74.9	74.7	74.7	74.6	74.5
10%:	74.4	74.3	74.3	74.2	74.1	74.0	74.0	73.9	73.8	73.7
20%:	73.6	73.6	73.5	73.4	73.3	73.2	73.2	73.1	73.0	72.9
30%:	72.9	72.8	72.7	72.6	72.6	72.5	72.5	72.4	72.3	72.3
40%:	72.2	72.1	72.1	72.0	72.0	71.9	71.9	71.8	71.8	71.7
50%:	71.6	71.6	71.5	71.4	71.4	71.3	71.3	71.2	71.2	71.1
60%:	71.0	71.0	70.9	70.9	70.8	70.8	70.7	70.6	70.6	70.5
70%:	70.5	70.4	70.3	70.3	70.2	70.2	70.1	70.0	70.0	69.9
80%:	69.8	69.7	69.6	69.5	69.5	69.4	69.3	69.1	69.0	68.9
90%:	68.8	68.7	68.6	68.4	68.2	67.9	67.7	67.2	66.7	66.2
100%:	64.9									

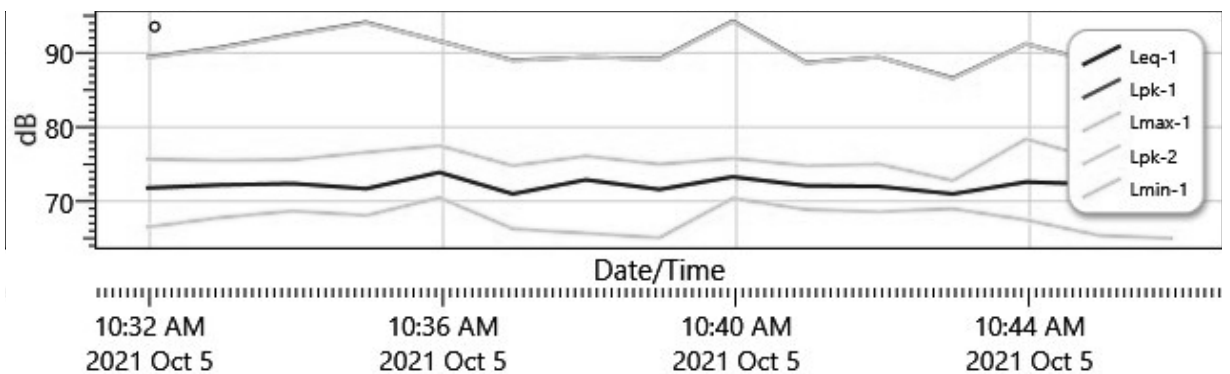
Exceedance Chart

S021_BIH050001_05102021_231618: Exceedance Chart



Logged Data Chart

S021_BIH050001_05102021_231618: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 10:31:57 AM	71.8	75.7	66.5	89.4
10:32:57 AM	72.2	75.5	67.8	90.7
10:33:57 AM	72.4	75.6	68.7	92.5
10:34:57 AM	71.7	76.6	68.1	94.1
10:35:57 AM	73.9	77.5	70.5	91.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:36:57 AM	71	74.8	66.3	89
10:37:57 AM	72.9	76.1	65.7	89.4
10:38:57 AM	71.6	75	65.1	89.2
10:39:57 AM	73.3	75.8	70.4	94.3
10:40:57 AM	72.1	74.8	68.9	88.7
10:41:57 AM	72	75	68.6	89.4
10:42:57 AM	71	72.8	69	86.6
10:43:57 AM	72.6	78.4	67.5	91.2
10:44:57 AM	72.3	75.6	65.4	88.6
10:45:57 AM	71.4	75.8	65	88.7

Session Report

10/6/2021

Information Panel

Name S040_BIF090005_05102021_211340
Start Time 10/5/2021 1:12:05 PM
Stop Time 10/5/2021 1:27:05 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 Top of GoG Vinyl wall 10-5-21 Mid day (2)

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

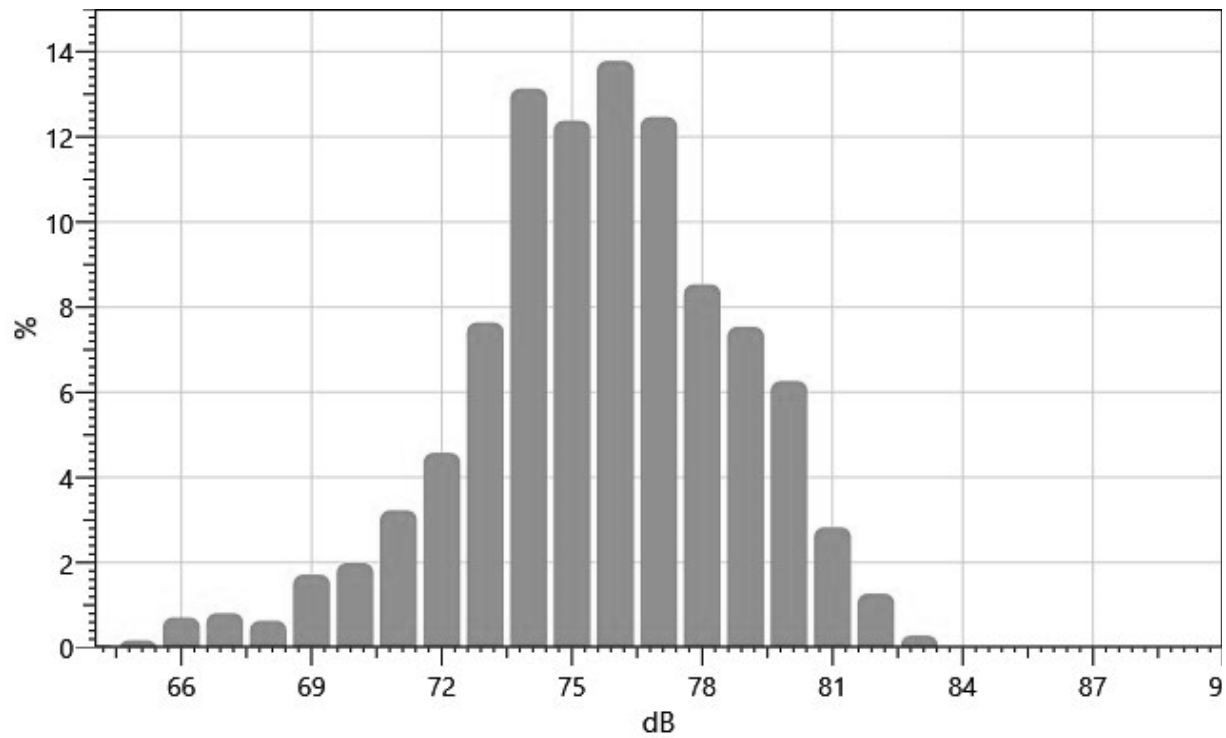
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
64:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.02	0.06
65:	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.05	0.17
66:	0.06	0.05	0.05	0.04	0.09	0.07	0.10	0.06	0.11	0.08	0.71
67:	0.06	0.05	0.08	0.07	0.10	0.13	0.10	0.09	0.07	0.07	0.81
68:	0.05	0.07	0.05	0.05	0.05	0.04	0.07	0.11	0.06	0.07	0.63
69:	0.07	0.07	0.07	0.13	0.15	0.21	0.24	0.20	0.31	0.26	1.72
70:	0.15	0.24	0.25	0.24	0.23	0.18	0.15	0.21	0.19	0.15	1.99
71:	0.18	0.26	0.19	0.27	0.30	0.24	0.36	0.37	0.59	0.46	3.23
72:	0.55	0.55	0.47	0.43	0.42	0.34	0.44	0.43	0.48	0.48	4.57
73:	0.46	0.46	0.53	0.62	0.62	0.70	0.77	0.84	1.06	1.58	7.64
74:	1.58	1.24	0.72	1.25	1.10	1.33	1.31	1.53	1.65	1.42	13.13
75:	1.36	1.18	1.31	1.63	1.25	1.18	1.15	1.18	0.96	1.16	12.38
76:	1.29	1.42	1.14	1.29	1.32	1.49	1.44	1.36	1.52	1.51	13.78
77:	1.47	1.78	1.14	1.53	1.22	1.17	1.10	1.23	0.98	0.85	12.47

78:	0.96	0.75	0.77	0.94	0.89	0.76	0.91	1.08	0.77	0.69	8.53
79:	0.59	0.55	0.71	0.79	0.78	0.82	0.70	0.81	0.98	0.80	7.54
80:	0.81	0.95	0.57	0.87	0.85	0.72	0.46	0.39	0.35	0.28	6.26
81:	0.36	0.35	0.30	0.34	0.34	0.31	0.23	0.25	0.20	0.15	2.83
82:	0.25	0.24	0.20	0.13	0.09	0.12	0.09	0.09	0.03	0.02	1.27
83:	0.04	0.04	0.04	0.04	0.03	0.02	0.03	0.04	0.00	0.00	0.28

Statistics Chart

S040_BIF090005_05102021_211340: Statistics Chart



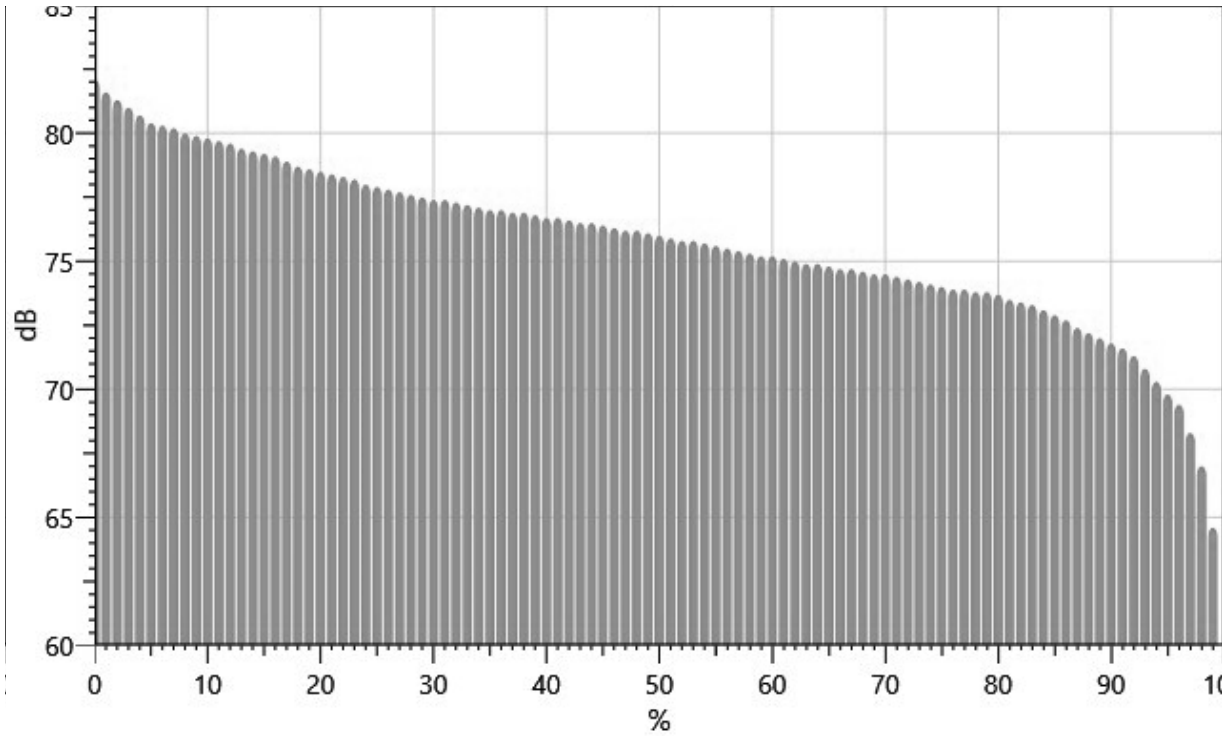
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		82.1	81.6	81.3	81.0	80.7	80.4	80.3	80.2	80.0
10%:	79.9	79.8	79.7	79.6	79.4	79.3	79.2	79.1	78.9	78.7
20%:	78.6	78.5	78.4	78.3	78.2	78.0	77.9	77.8	77.7	77.6
30%:	77.5	77.4	77.4	77.3	77.2	77.1	77.0	77.0	76.9	76.9
40%:	76.8	76.7	76.7	76.6	76.5	76.5	76.4	76.3	76.2	76.2
50%:	76.1	76.0	75.9	75.8	75.8	75.7	75.6	75.5	75.4	75.3
60%:	75.2	75.2	75.1	75.0	74.9	74.9	74.8	74.7	74.7	74.6
70%:	74.5	74.5	74.4	74.3	74.2	74.1	74.0	73.9	73.9	73.8
80%:	73.8	73.7	73.5	73.4	73.3	73.1	72.9	72.7	72.4	72.2

90%: 72.0 71.8 71.6 71.3 70.8 70.3 69.8 69.4 68.3 67.0
 100%: 64.6

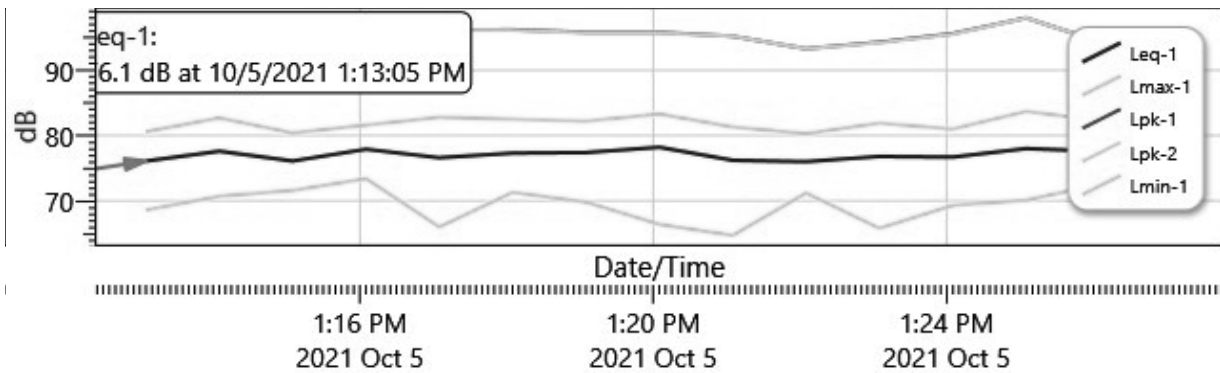
Exceedance Chart

S040_BIF090005_05102021_211340: Exceedance Chart



Logged Data Chart

S040_BIF090005_05102021_211340: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 1:13:05 PM	76.1	80.6	68.6	93.4
1:14:05 PM	77.6	82.7	70.7	96.7

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:15:05 PM	76.1	80.4	71.6	92.8
1:16:05 PM	77.9	81.6	73.4	97.2
1:17:05 PM	76.6	82.8	66	96.1
1:18:05 PM	77.3	82.5	71.3	96.2
1:19:05 PM	77.4	82.2	69.8	95.8
1:20:05 PM	78.2	83.3	66.4	95.8
1:21:05 PM	76.2	81.3	64.7	95.2
1:22:05 PM	76	80.3	71.2	93.3
1:23:05 PM	76.8	81.9	65.8	94.3
1:24:05 PM	76.7	81	69.3	95.6
1:25:05 PM	78	83.7	70.1	98
1:26:05 PM	77.6	82.3	72.5	94.4
1:27:05 PM	76.2	80.5	72.2	93.6

Session Report

10/6/2021

Information Panel

Name S040_BIF090003_05102021_215120
Start Time 10/5/2021 1:11:58 PM
Stop Time 10/5/2021 1:26:58 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5' from GoG Vinyl wall -10-5-21 (2) mid day

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	67.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

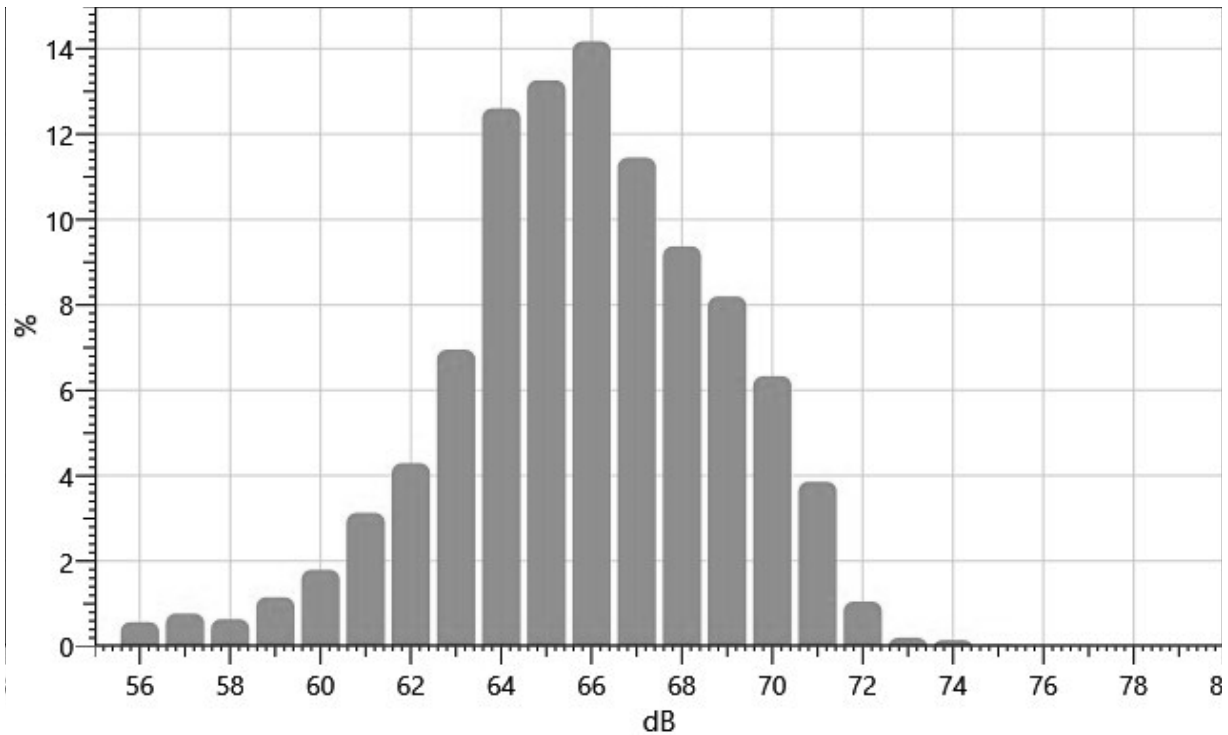
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02
56:	0.10	0.03	0.07	0.10	0.04	0.03	0.03	0.04	0.04	0.08	0.57
57:	0.07	0.06	0.12	0.07	0.07	0.09	0.09	0.06	0.06	0.07	0.77
58:	0.06	0.08	0.06	0.05	0.08	0.06	0.06	0.05	0.06	0.07	0.64
59:	0.14	0.07	0.20	0.14	0.15	0.13	0.10	0.08	0.08	0.07	1.15
60:	0.08	0.07	0.11	0.21	0.30	0.21	0.19	0.24	0.18	0.22	1.80
61:	0.25	0.41	0.41	0.28	0.26	0.27	0.38	0.31	0.30	0.27	3.13
62:	0.27	0.31	0.42	0.57	0.39	0.41	0.53	0.49	0.48	0.40	4.29
63:	0.51	0.52	0.59	0.70	0.68	0.78	0.73	0.81	0.79	0.84	6.95
64:	1.06	1.23	1.32	1.64	1.46	1.37	1.16	1.16	1.00	1.21	12.60
65:	1.35	1.16	1.09	1.41	1.11	1.31	1.45	1.43	1.44	1.53	13.26
66:	1.30	1.61	1.37	1.29	1.37	1.51	1.55	1.39	1.30	1.48	14.17
67:	1.45	1.39	1.36	1.20	1.07	0.92	0.94	1.07	0.91	1.14	11.45
68:	0.99	0.98	0.65	1.06	0.92	0.87	0.86	1.03	1.01	1.01	9.38

69:	0.96	0.97	0.78	0.79	0.78	0.82	0.73	0.86	0.73	0.79	8.20
70:	0.82	0.72	0.77	0.85	0.80	0.61	0.38	0.39	0.54	0.44	6.33
71:	0.46	0.49	0.33	0.34	0.36	0.32	0.43	0.36	0.39	0.36	3.86
72:	0.18	0.12	0.07	0.08	0.08	0.08	0.11	0.12	0.12	0.09	1.05
73:	0.05	0.05	0.03	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.20
74:	0.03	0.02	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.03	0.15
75:	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

Statistics Chart

S040_BIF090003_05102021_215120: Statistics Chart



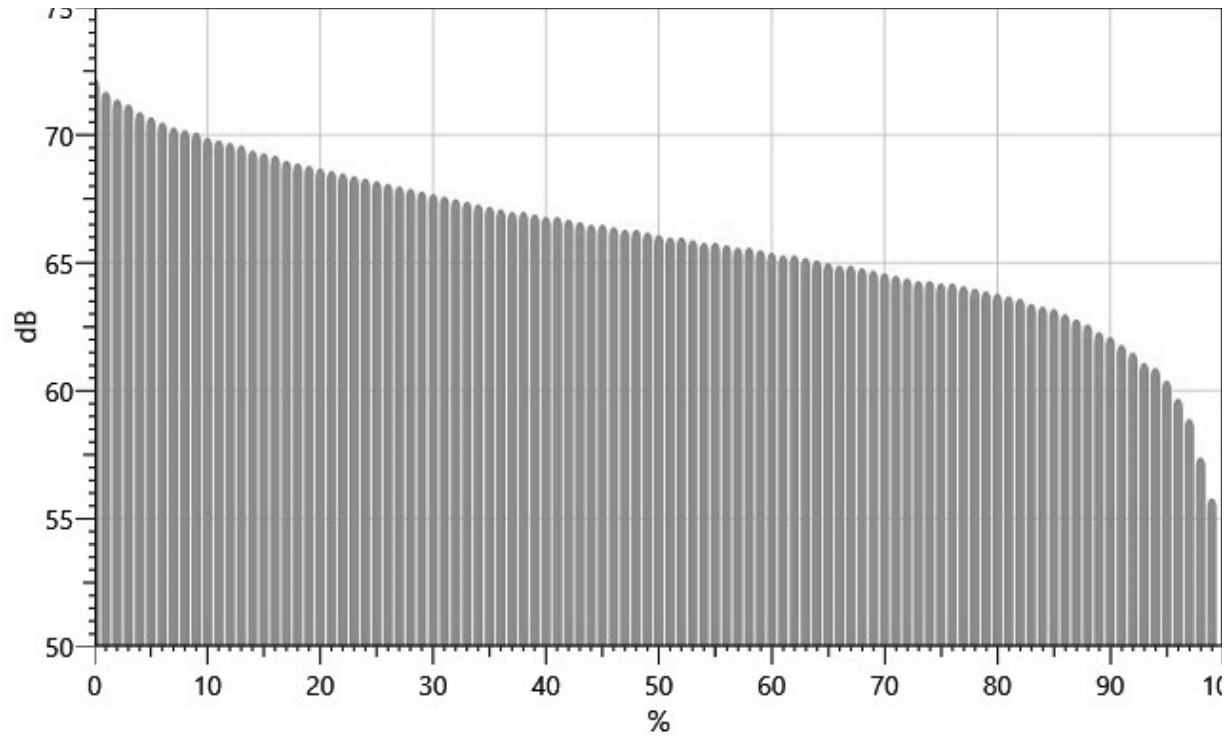
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		72.2	71.7	71.4	71.2	70.9	70.7	70.5	70.3	70.2
10%:	70.1	69.9	69.8	69.7	69.6	69.4	69.3	69.2	69.0	68.9
20%:	68.8	68.7	68.6	68.5	68.4	68.3	68.2	68.1	68.0	67.9
30%:	67.8	67.7	67.6	67.5	67.4	67.3	67.2	67.1	67.0	67.0
40%:	66.9	66.8	66.8	66.7	66.6	66.5	66.5	66.4	66.3	66.3
50%:	66.2	66.1	66.0	66.0	65.9	65.8	65.8	65.7	65.6	65.6
60%:	65.5	65.4	65.3	65.3	65.2	65.1	65.0	64.9	64.9	64.8
70%:	64.7	64.6	64.5	64.4	64.3	64.3	64.2	64.2	64.1	64.0

80%:	63.9	63.8	63.7	63.6	63.4	63.3	63.2	63.0	62.8	62.6
90%:	62.3	62.1	61.8	61.5	61.1	60.9	60.4	59.7	58.9	57.4
100%:	55.8									

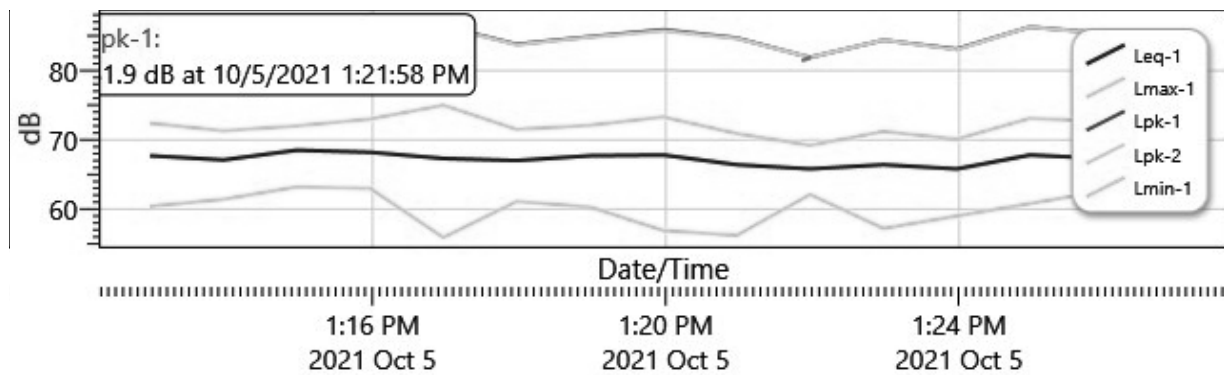
Exceedance Chart

S040_BIF090003_05102021_215120: Exceedance Chart



Logged Data Chart

S040_BIF090003_05102021_215120: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 1:12:58 PM	67.7	72.4	60.4	84.5

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:13:58 PM	67.1	71.3	61.4	84
1:14:58 PM	68.5	72	63.2	87.3
1:15:58 PM	68.2	73	63	85
1:16:58 PM	67.3	75	55.9	86.4
1:17:58 PM	67	71.5	61.1	83.8
1:18:58 PM	67.7	72.1	60.3	84.9
1:19:58 PM	67.8	73.3	56.9	85.9
1:20:58 PM	66.4	70.9	56.2	84.7
1:21:58 PM	65.8	69.2	62.1	81.9
1:22:58 PM	66.4	71.2	57.2	84.4
1:23:58 PM	65.8	70.1	59	83.1
1:24:58 PM	67.8	73.1	60.8	86.3
1:25:58 PM	67.3	72.7	62.6	85.4
1:26:58 PM	66.3	70.8	61.9	83.4

Session Report

10/6/2021

Information Panel

Name S067_BIG080015_05102021_224056
Start Time 10/5/2021 1:12:01 PM
Stop Time 10/5/2021 1:27:01 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 25" from GoG vinyl wall 10-5-21 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	66.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

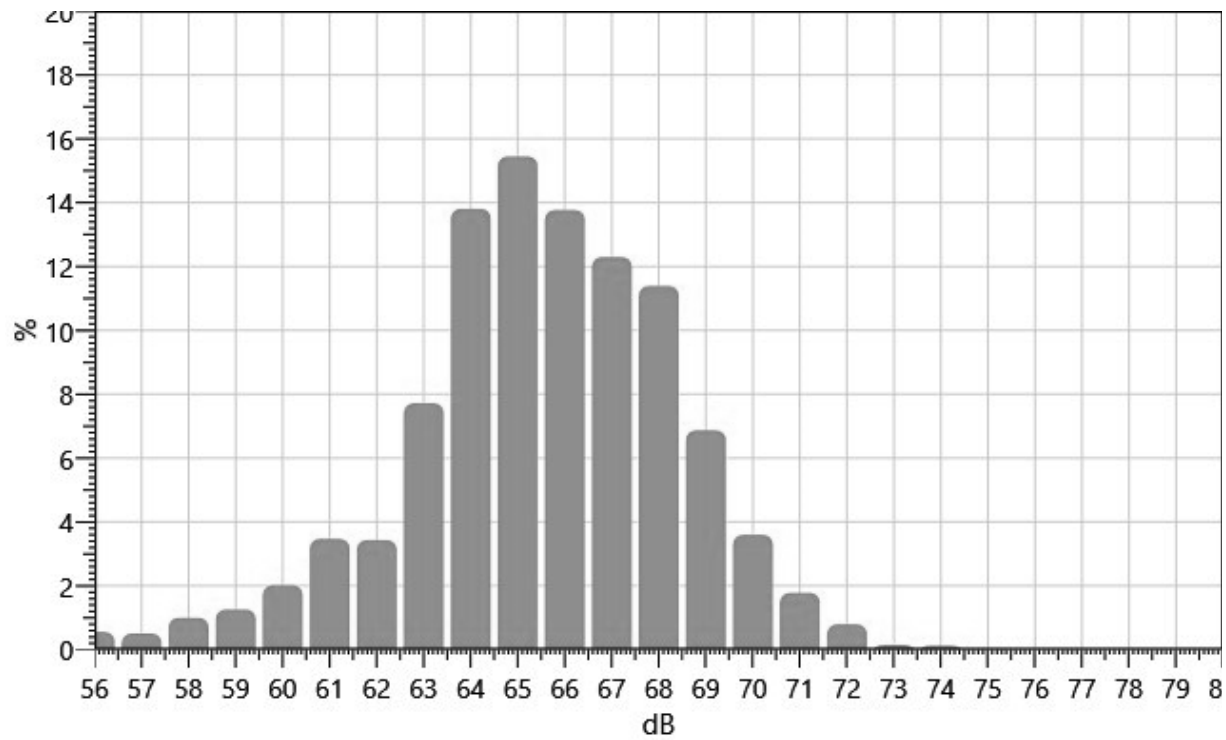
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
56:	0.03	0.03	0.02	0.02	0.02	0.11	0.05	0.09	0.13	0.05	0.56
57:	0.04	0.07	0.04	0.05	0.03	0.05	0.10	0.05	0.05	0.04	0.51
58:	0.04	0.03	0.03	0.11	0.15	0.15	0.09	0.06	0.18	0.16	1.00
59:	0.10	0.07	0.09	0.15	0.15	0.17	0.14	0.13	0.13	0.13	1.26
60:	0.16	0.11	0.19	0.19	0.20	0.26	0.16	0.16	0.27	0.32	2.01
61:	0.39	0.32	0.41	0.32	0.39	0.31	0.27	0.31	0.43	0.32	3.47
62:	0.27	0.20	0.29	0.29	0.35	0.33	0.37	0.46	0.45	0.43	3.43
63:	0.52	0.72	0.70	0.70	0.66	0.64	0.92	0.88	1.06	0.91	7.72
64:	0.84	1.01	1.40	1.42	1.68	1.31	1.29	1.67	1.71	1.48	13.81
65:	1.58	1.28	1.15	1.43	1.50	1.80	1.65	1.78	1.66	1.63	15.45
66:	1.60	1.74	1.40	1.61	1.34	1.26	1.35	1.39	1.09	0.99	13.77
67:	1.18	1.28	1.37	1.28	1.24	1.19	0.96	1.17	1.23	1.39	12.30
68:	1.36	1.41	0.94	1.33	1.20	1.07	1.03	1.09	1.10	0.86	11.40
69:	0.94	0.85	0.67	0.62	0.73	0.59	0.75	0.64	0.55	0.53	6.87

70:	0.58	0.45	0.49	0.31	0.26	0.31	0.21	0.30	0.31	0.38	3.60
71:	0.40	0.20	0.11	0.20	0.20	0.14	0.14	0.13	0.10	0.16	1.78
72:	0.15	0.13	0.10	0.11	0.06	0.06	0.10	0.06	0.03	0.01	0.79
73:	0.02	0.02	0.00	0.01	0.01	0.01	0.01	0.03	0.01	0.01	0.14
74:	0.02	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.13
75:	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02

Statistics Chart

S067_BIG080015_05102021_224056: Statistics Chart



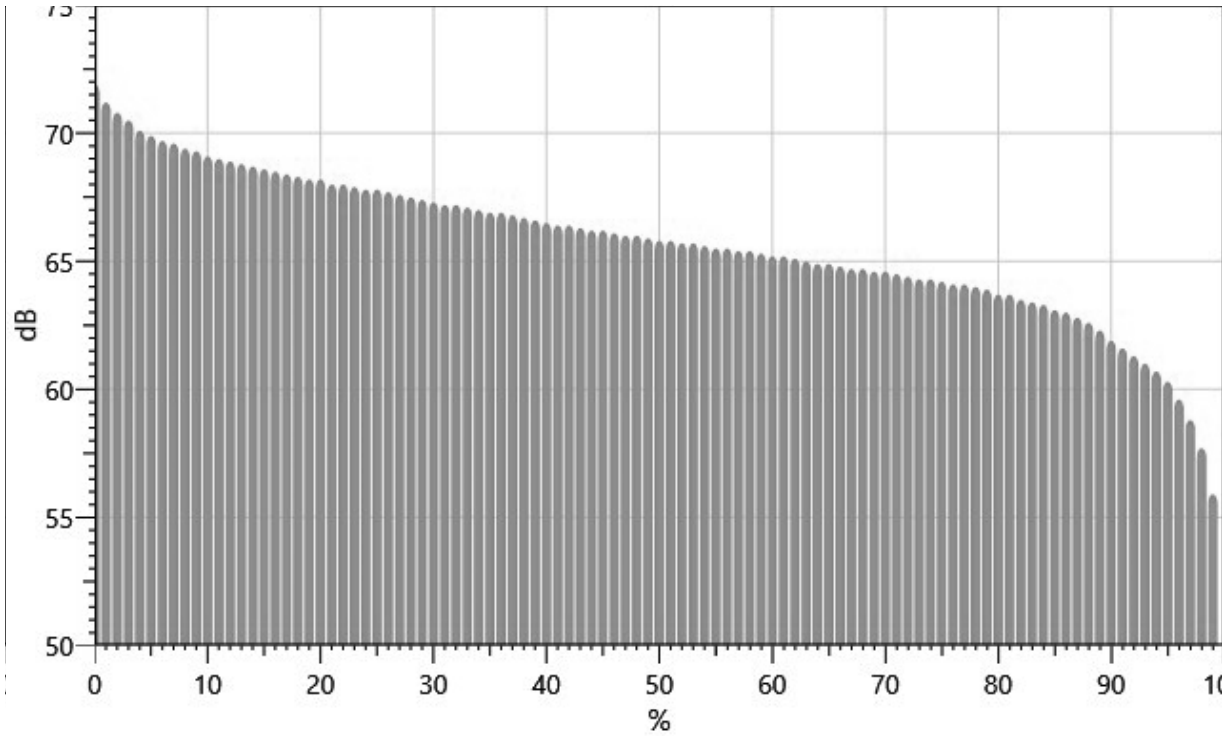
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		71.9	71.2	70.8	70.5	70.1	69.9	69.7	69.6	69.4
10%:	69.3	69.1	69.0	68.9	68.8	68.7	68.6	68.5	68.4	68.3
20%:	68.2	68.2	68.0	68.0	67.9	67.8	67.8	67.7	67.6	67.5
30%:	67.4	67.3	67.2	67.2	67.1	67.0	66.9	66.9	66.8	66.7
40%:	66.6	66.5	66.4	66.4	66.3	66.2	66.2	66.1	66.0	66.0
50%:	65.9	65.8	65.8	65.7	65.7	65.6	65.5	65.5	65.4	65.4
60%:	65.3	65.2	65.2	65.1	65.0	64.9	64.9	64.8	64.7	64.7
70%:	64.6	64.6	64.5	64.4	64.3	64.3	64.2	64.1	64.1	64.0
80%:	63.9	63.7	63.7	63.5	63.4	63.3	63.1	63.0	62.8	62.6

90%: 62.3 61.9 61.6 61.3 61.0 60.7 60.3 59.6 58.8 57.7
 100%: 55.9

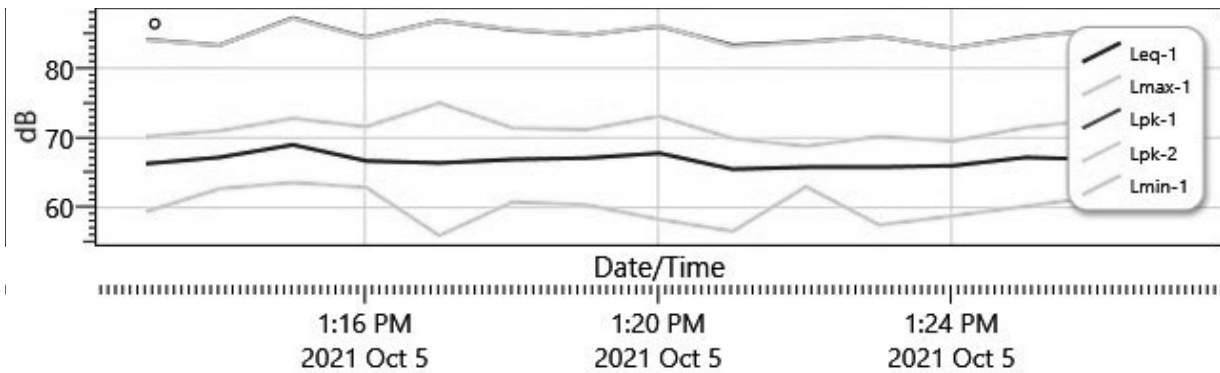
Exceedance Chart

S067_BIG080015_05102021_224056: Exceedance Chart



Logged Data Chart

S067_BIG080015_05102021_224056: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 1:13:01 PM	66.3	70.2	59.4	84.1
1:14:01 PM	67.2	71	62.7	83.3

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:15:01 PM	69	72.8	63.6	87.2
1:16:01 PM	66.7	71.6	62.9	84.4
1:17:01 PM	66.4	75	56	86.8
1:18:01 PM	66.9	71.4	60.8	85.5
1:19:01 PM	67.1	71.2	60.4	84.8
1:20:01 PM	67.8	73.1	58.3	86
1:21:01 PM	65.5	69.9	56.6	83.3
1:22:01 PM	65.8	68.8	63	83.8
1:23:01 PM	65.8	70.2	57.5	84.5
1:24:01 PM	66	69.5	58.8	82.9
1:25:01 PM	67.2	71.5	60.2	84.5
1:26:01 PM	66.9	72.6	61.6	85.5
1:27:01 PM	66.3	70.1	60.9	82.3

Session Report

10/6/2021

Information Panel

Name S023_BIH050001_05102021_231622
Start Time 10/5/2021 1:12:04 PM
Stop Time 10/5/2021 1:27:04 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 50' from GoGVinyl wall-10-5-21 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	67.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

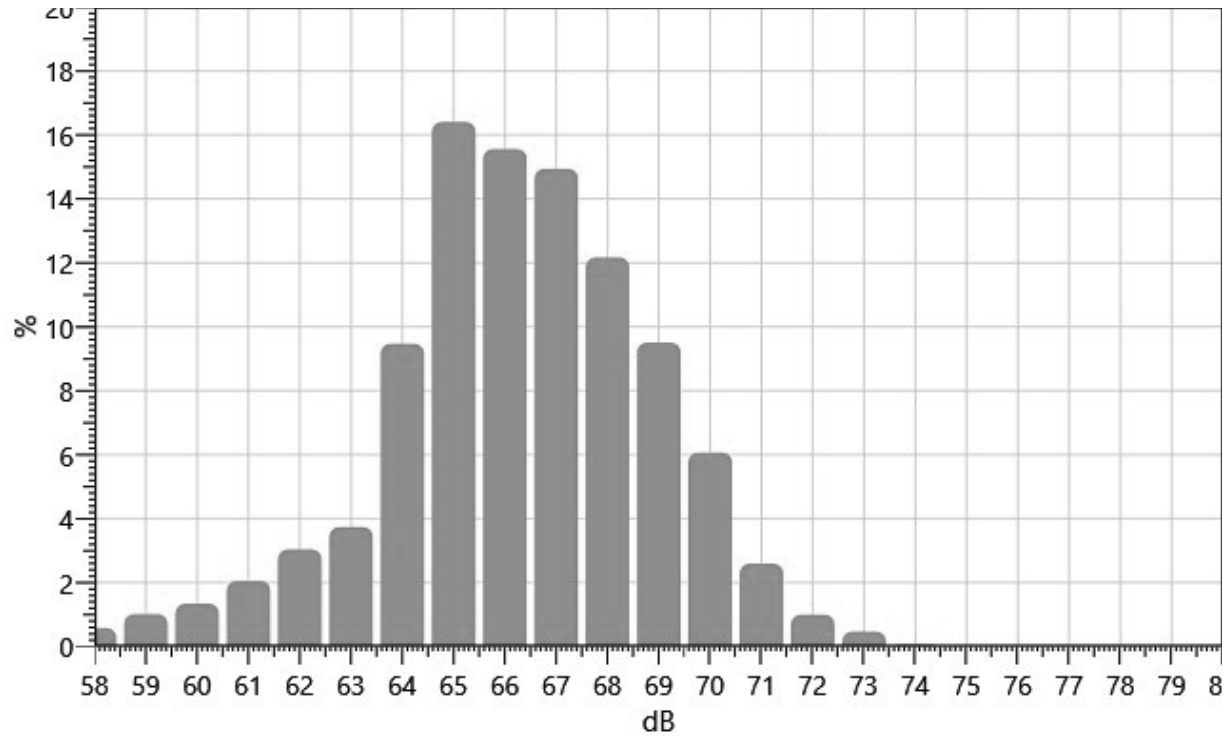
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.00	0.00	0.00	0.00	0.05	0.06	0.06	0.13	0.11	0.17	0.58
59:	0.10	0.10	0.18	0.10	0.12	0.12	0.07	0.06	0.07	0.11	1.01
60:	0.17	0.17	0.15	0.18	0.14	0.09	0.10	0.11	0.11	0.10	1.34
61:	0.19	0.19	0.16	0.21	0.11	0.22	0.24	0.27	0.22	0.23	2.05
62:	0.28	0.21	0.19	0.28	0.26	0.27	0.35	0.36	0.50	0.34	3.04
63:	0.38	0.59	0.43	0.47	0.32	0.43	0.26	0.24	0.23	0.39	3.74
64:	0.56	0.46	0.60	0.67	0.63	0.78	1.00	1.40	1.61	1.76	9.47
65:	1.54	1.79	1.38	2.10	1.46	1.61	1.56	1.53	1.77	1.66	16.41
66:	1.65	1.89	1.70	1.52	1.35	1.45	1.35	1.46	1.53	1.65	15.56
67:	2.05	2.03	1.53	1.37	1.51	1.40	1.28	1.14	1.45	1.19	14.94
68:	1.50	1.33	0.74	1.20	1.38	1.25	1.01	1.15	1.44	1.19	12.17
69:	1.30	1.21	0.96	1.07	0.88	0.88	0.98	0.62	0.79	0.84	9.51
70:	0.83	0.97	0.77	0.65	0.46	0.40	0.41	0.60	0.44	0.55	6.07
71:	0.40	0.27	0.33	0.40	0.33	0.28	0.23	0.11	0.11	0.12	2.59

72:	0.14	0.18	0.16	0.14	0.05	0.05	0.08	0.08	0.08	0.04	0.99
73:	0.06	0.06	0.04	0.09	0.06	0.06	0.05	0.01	0.02	0.02	0.47
74:	0.01	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.06

Statistics Chart

S023_BIH050001_05102021_231622: Statistics Chart

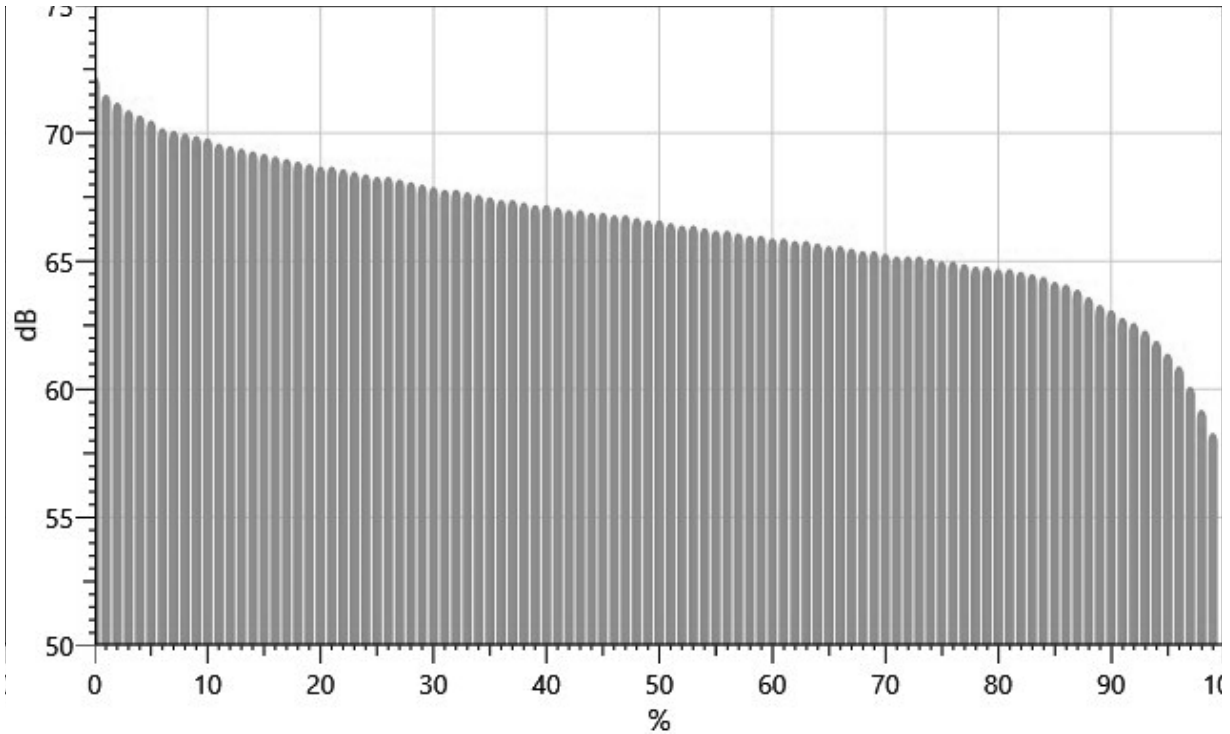


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		72.2	71.5	71.2	70.9	70.7	70.5	70.2	70.1	70.0
10%:	69.9	69.8	69.6	69.5	69.4	69.3	69.2	69.1	69.0	68.9
20%:	68.8	68.7	68.7	68.6	68.5	68.4	68.3	68.3	68.2	68.1
30%:	68.0	67.9	67.8	67.8	67.7	67.6	67.5	67.4	67.4	67.3
40%:	67.2	67.2	67.1	67.0	67.0	66.9	66.9	66.8	66.8	66.7
50%:	66.6	66.6	66.5	66.4	66.4	66.3	66.2	66.2	66.1	66.0
60%:	66.0	65.9	65.9	65.8	65.8	65.7	65.6	65.6	65.5	65.4
70%:	65.4	65.3	65.2	65.2	65.2	65.1	65.0	65.0	64.9	64.8
80%:	64.8	64.7	64.7	64.6	64.5	64.4	64.2	64.1	63.9	63.6
90%:	63.3	63.1	62.8	62.6	62.3	61.9	61.4	60.9	60.1	59.2
100%:	58.3									

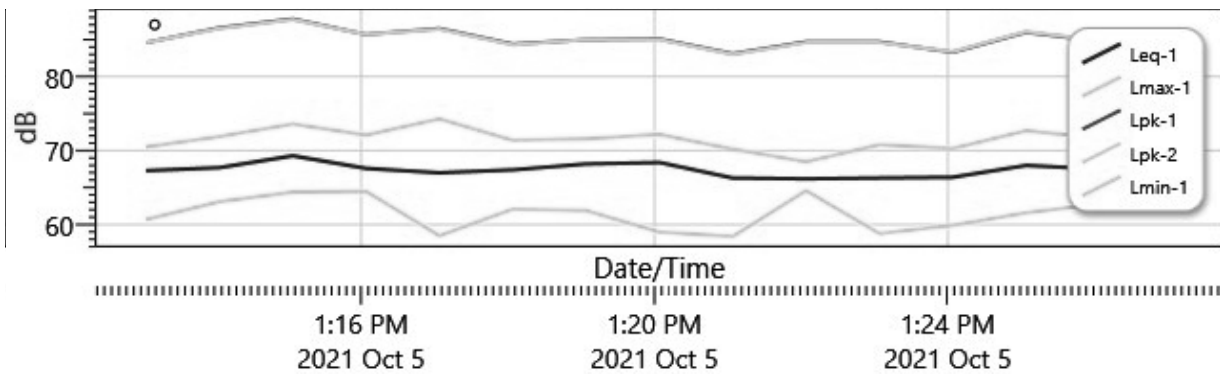
Exceedance Chart

S023_BIH050001_05102021_231622: Exceedance Chart



Logged Data Chart

S023_BIH050001_05102021_231622: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 1:13:04 PM	67.3	70.5	60.7	84.6
1:14:04 PM	67.7	71.9	63.1	86.6
1:15:04 PM	69.3	73.6	64.4	87.8
1:16:04 PM	67.6	72.1	64.5	85.7
1:17:04 PM	67	74.3	58.5	86.5

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:18:04 PM	67.4	71.4	62.1	84.4
1:19:04 PM	68.2	71.6	61.9	85
1:20:04 PM	68.4	72.2	59	85.1
1:21:04 PM	66.3	70.2	58.4	83.1
1:22:04 PM	66.2	68.5	64.6	84.7
1:23:04 PM	66.3	70.8	58.8	84.7
1:24:04 PM	66.4	70.3	59.9	83.3
1:25:04 PM	68	72.7	61.6	86
1:26:04 PM	67.5	71.7	62.8	84.8
1:27:04 PM	66.5	69.6	62.3	85.6

Session Report

10/6/2021

Information Panel

Name S041_BIF090005_05102021_211342
Start Time 10/5/2021 1:32:42 PM
Stop Time 10/5/2021 1:47:42 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 Top of Simulated wall 10-5-21 (2) mid day

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

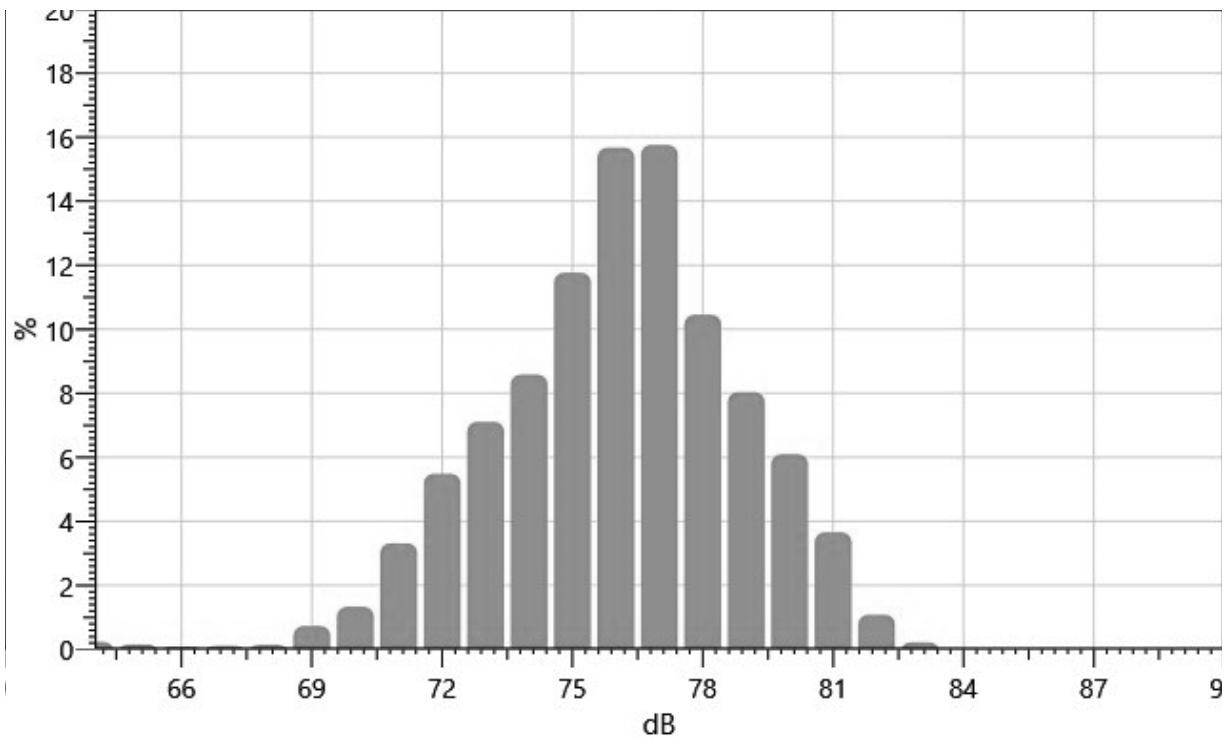
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
64:	0.01	0.06	0.03	0.03	0.02	0.03	0.02	0.01	0.01	0.02	0.23
65:	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.15
66:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
67:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.11
68:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.14
69:	0.07	0.05	0.15	0.12	0.13	0.04	0.03	0.03	0.06	0.06	0.73
70:	0.06	0.11	0.16	0.17	0.14	0.11	0.13	0.15	0.14	0.16	1.33
71:	0.26	0.42	0.18	0.31	0.42	0.42	0.35	0.31	0.28	0.37	3.32
72:	0.43	0.47	0.38	0.47	0.43	0.51	0.46	0.62	0.79	0.93	5.48
73:	0.77	0.79	0.64	0.67	0.59	0.59	0.70	0.78	0.72	0.86	7.11
74:	0.75	0.92	0.57	0.76	0.68	0.74	1.00	1.18	0.92	1.05	8.58
75:	0.92	0.99	0.94	0.89	1.21	1.30	1.56	1.48	1.23	1.24	11.76
76:	1.24	1.38	1.48	1.64	1.69	1.77	1.75	1.49	1.50	1.74	15.67
77:	1.97	1.85	1.08	1.69	1.53	1.74	1.48	1.44	1.72	1.27	15.76

78:	1.05	0.89	0.89	1.18	1.14	1.04	0.97	0.98	1.20	1.11	10.45
79:	0.96	1.01	0.72	0.84	0.74	0.59	0.69	0.87	0.86	0.77	8.03
80:	0.68	0.85	0.52	0.65	0.68	0.62	0.59	0.55	0.56	0.40	6.09
81:	0.46	0.51	0.42	0.36	0.38	0.39	0.39	0.24	0.23	0.27	3.65
82:	0.20	0.19	0.09	0.07	0.08	0.11	0.14	0.11	0.06	0.03	1.08
83:	0.01	0.01	0.01	0.02	0.02	0.01	0.06	0.02	0.02	0.04	0.22
84:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Statistics Chart

S041_BIF090005_05102021_211342: Statistics Chart



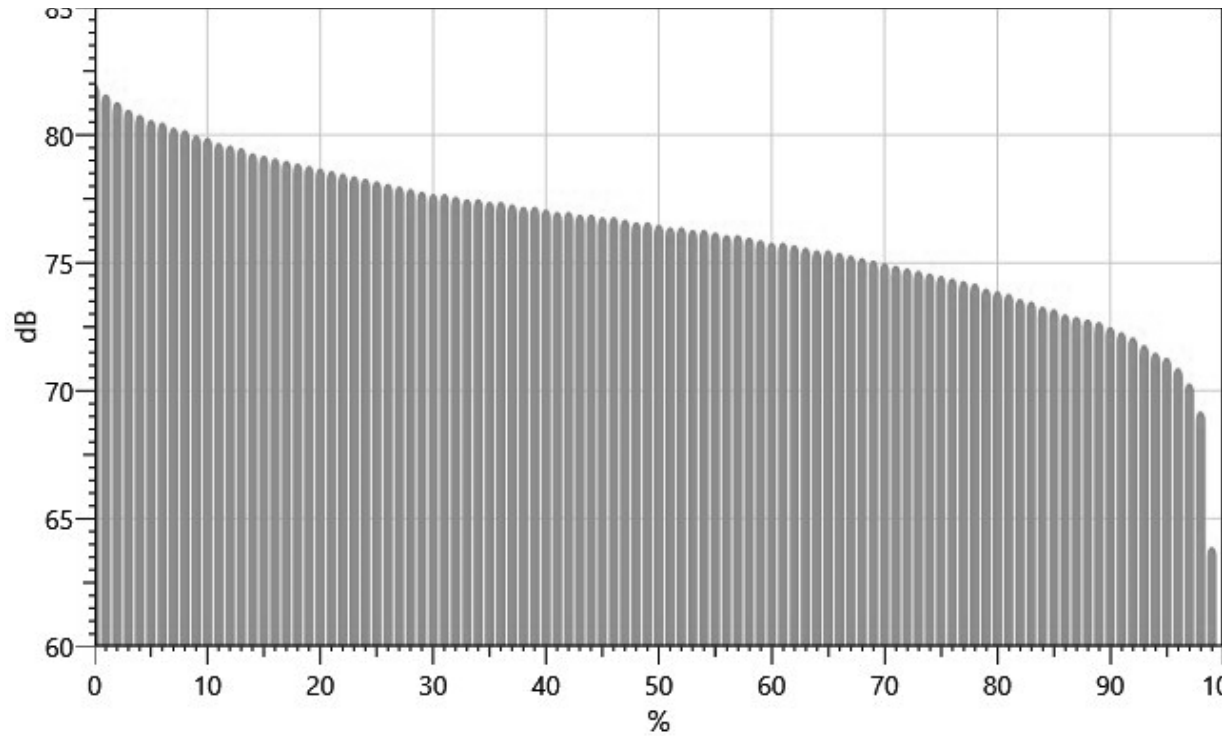
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		82.0	81.6	81.3	81.0	80.8	80.6	80.5	80.3	80.2
10%:	80.0	79.9	79.7	79.6	79.5	79.3	79.2	79.1	79.0	78.9
20%:	78.8	78.7	78.6	78.5	78.4	78.3	78.2	78.1	78.0	77.9
30%:	77.8	77.7	77.7	77.6	77.5	77.5	77.4	77.4	77.3	77.2
40%:	77.2	77.1	77.0	77.0	76.9	76.9	76.8	76.8	76.7	76.6
50%:	76.6	76.5	76.4	76.4	76.3	76.3	76.2	76.1	76.1	76.0
60%:	75.9	75.8	75.8	75.7	75.6	75.5	75.5	75.4	75.3	75.2
70%:	75.1	75.0	74.9	74.8	74.7	74.6	74.5	74.4	74.3	74.2

80%:	74.0	73.9	73.8	73.6	73.5	73.3	73.2	73.0	72.9	72.8
90%:	72.7	72.5	72.3	72.1	71.8	71.5	71.3	70.9	70.3	69.2
100%:	63.9									

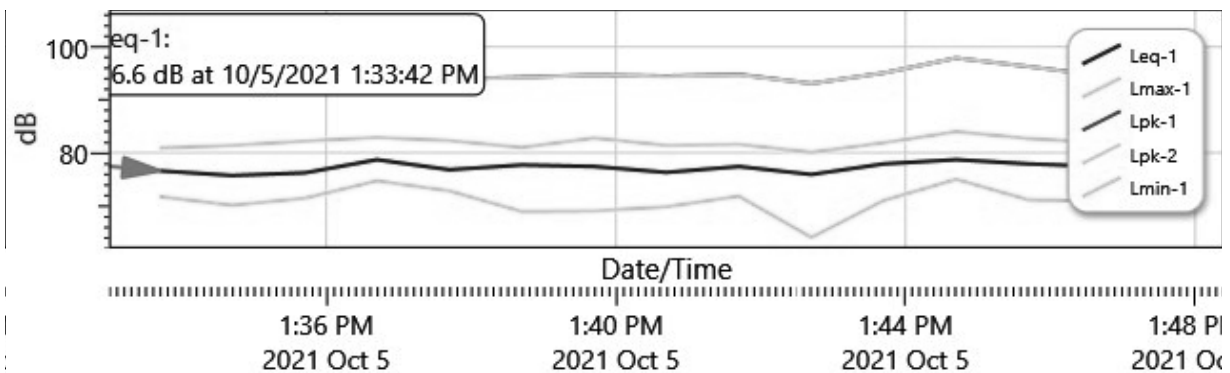
Exceedance Chart

S041_BIF090005_05102021_211342: Exceedance Chart



Logged Data Chart

S041_BIF090005_05102021_211342: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 1:33:42 PM	76.6	80.9	71.7	95.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:34:42 PM	75.7	81.4	70.1	94.4
1:35:42 PM	76.2	82.2	71.4	95.2
1:36:42 PM	78.7	82.9	74.7	105.1
1:37:42 PM	76.8	82.3	72.8	93.9
1:38:42 PM	77.7	81	68.9	94.3
1:39:42 PM	77.4	82.8	69	94.7
1:40:42 PM	76.3	81.4	69.8	94.5
1:41:42 PM	77.4	81.6	71.8	94.8
1:42:42 PM	75.9	80.1	64	93.1
1:43:42 PM	77.9	81.9	71	95.1
1:44:42 PM	78.7	84	75	97.9
1:45:42 PM	77.9	82.7	71.1	96.3
1:46:42 PM	77.4	81.9	70.9	94.6
1:47:42 PM	77.9	81.9	71.3	95.6

Session Report

10/6/2021

Information Panel

Name S041_BIF090003_05102021_215121
Start Time 10/5/2021 1:32:39 PM
Stop Time 10/5/2021 1:47:39 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5' from simulated wall -10-5-21 (2) mid day

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	76.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

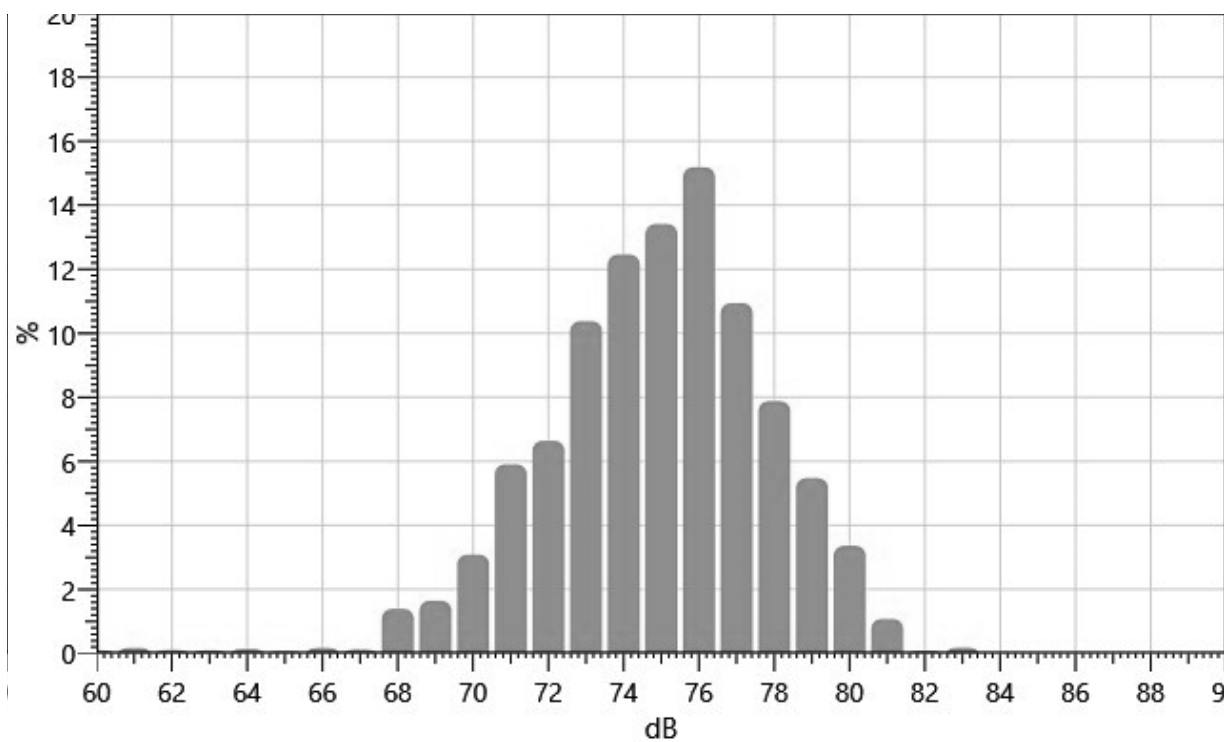
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
60:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.02	0.02	0.10
61:	0.05	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.17
62:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.10
63:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
64:	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.13
65:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
66:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.04	0.17
67:	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.12
68:	0.05	0.07	0.05	0.17	0.12	0.14	0.20	0.22	0.20	0.16	1.39
69:	0.22	0.15	0.12	0.14	0.16	0.18	0.19	0.21	0.13	0.15	1.64
70:	0.17	0.19	0.20	0.35	0.28	0.31	0.34	0.42	0.45	0.38	3.08
71:	0.45	0.65	0.42	0.46	0.48	0.38	0.59	0.85	0.76	0.87	5.90
72:	0.87	0.59	0.55	0.65	0.53	0.72	0.79	0.66	0.63	0.64	6.64
73:	0.79	1.10	1.22	1.17	1.00	0.92	0.89	1.06	1.12	1.11	10.38

74:	1.21	1.44	0.95	1.30	1.43	1.17	1.21	1.30	1.20	1.25	12.46
75:	1.32	1.40	1.56	1.44	1.28	1.22	1.13	1.21	1.28	1.57	13.41
76:	1.76	1.33	1.36	1.47	1.51	1.52	1.35	1.64	1.68	1.55	15.18
77:	1.52	1.46	0.72	1.14	1.00	0.95	0.87	0.98	1.20	1.11	10.94
78:	1.05	0.85	0.96	0.94	0.82	0.76	0.71	0.55	0.61	0.63	7.88
79:	0.55	0.55	0.55	0.56	0.54	0.57	0.47	0.65	0.60	0.44	5.47
80:	0.51	0.51	0.34	0.38	0.28	0.22	0.27	0.38	0.21	0.25	3.36
81:	0.19	0.16	0.20	0.14	0.19	0.07	0.07	0.03	0.02	0.01	1.07
82:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
83:	0.01	0.01	0.02	0.04	0.06	0.04	0.01	0.00	0.00	0.00	0.18

Statistics Chart

S041_BIF090003_05102021_215121: Statistics Chart



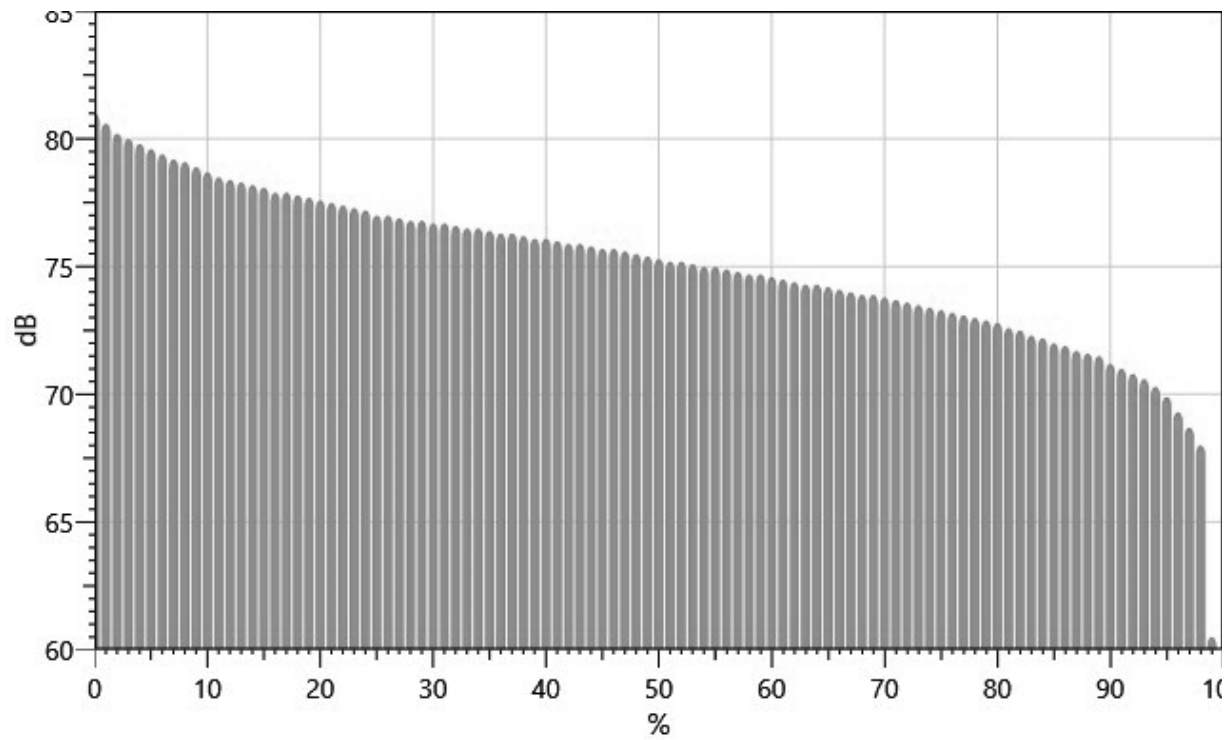
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		81.0	80.6	80.2	80.0	79.8	79.6	79.4	79.2	79.1
10%:	78.9	78.7	78.5	78.4	78.3	78.2	78.1	77.9	77.9	77.8
20%:	77.7	77.6	77.5	77.4	77.3	77.2	77.0	77.0	76.9	76.8
30%:	76.8	76.7	76.7	76.6	76.5	76.5	76.4	76.3	76.3	76.2
40%:	76.1	76.1	76.0	75.9	75.9	75.8	75.7	75.7	75.6	75.5

50%:	75.4	75.3	75.2	75.2	75.1	75.0	75.0	74.9	74.8	74.7
60%:	74.7	74.6	74.5	74.4	74.3	74.3	74.2	74.1	74.0	73.9
70%:	73.9	73.8	73.7	73.6	73.5	73.4	73.3	73.2	73.1	73.0
80%:	72.9	72.8	72.6	72.5	72.3	72.2	72.0	71.9	71.7	71.6
90%:	71.5	71.2	71.0	70.8	70.6	70.3	69.9	69.3	68.7	68.0
100%:	60.5									

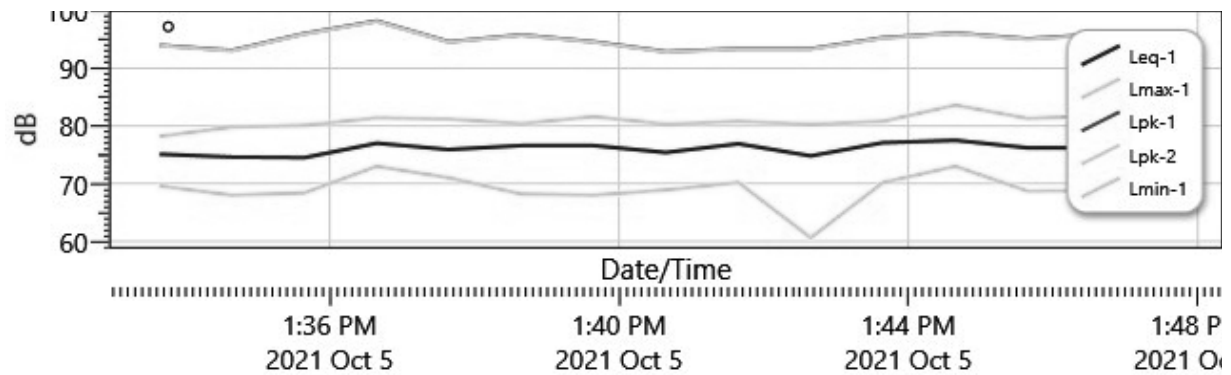
Exceedance Chart

S041_BIF090003_05102021_215121: Exceedance Chart



Logged Data Chart

S041_BIF090003_05102021_215121: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 1:33:39 PM	75.1	78.2	69.6	94
1:34:39 PM	74.6	79.8	68	93.1
1:35:39 PM	74.5	80.1	68.4	96
1:36:39 PM	77	81.4	73	98.2
1:37:39 PM	75.9	81.2	71	94.6
1:38:39 PM	76.6	80.4	68.2	95.8
1:39:39 PM	76.6	81.6	68	94.6
1:40:39 PM	75.4	80.3	68.9	92.9
1:41:39 PM	76.9	80.8	70.2	93.4
1:42:39 PM	74.8	80.3	60.6	93.4
1:43:39 PM	77.1	80.8	70.2	95.3
1:44:39 PM	77.5	83.6	73	96.1
1:45:39 PM	76.2	81.3	68.7	95.1
1:46:39 PM	76.2	81.8	68.8	95.9
1:47:39 PM	77.1	81.3	70	94

Session Report

10/6/2021

Information Panel

Name S068_BIG080015_05102021_224058
Start Time 10/5/2021 1:32:35 PM
Stop Time 10/5/2021 1:47:35 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 5' from Simulated wall 10-5-21(2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	74.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

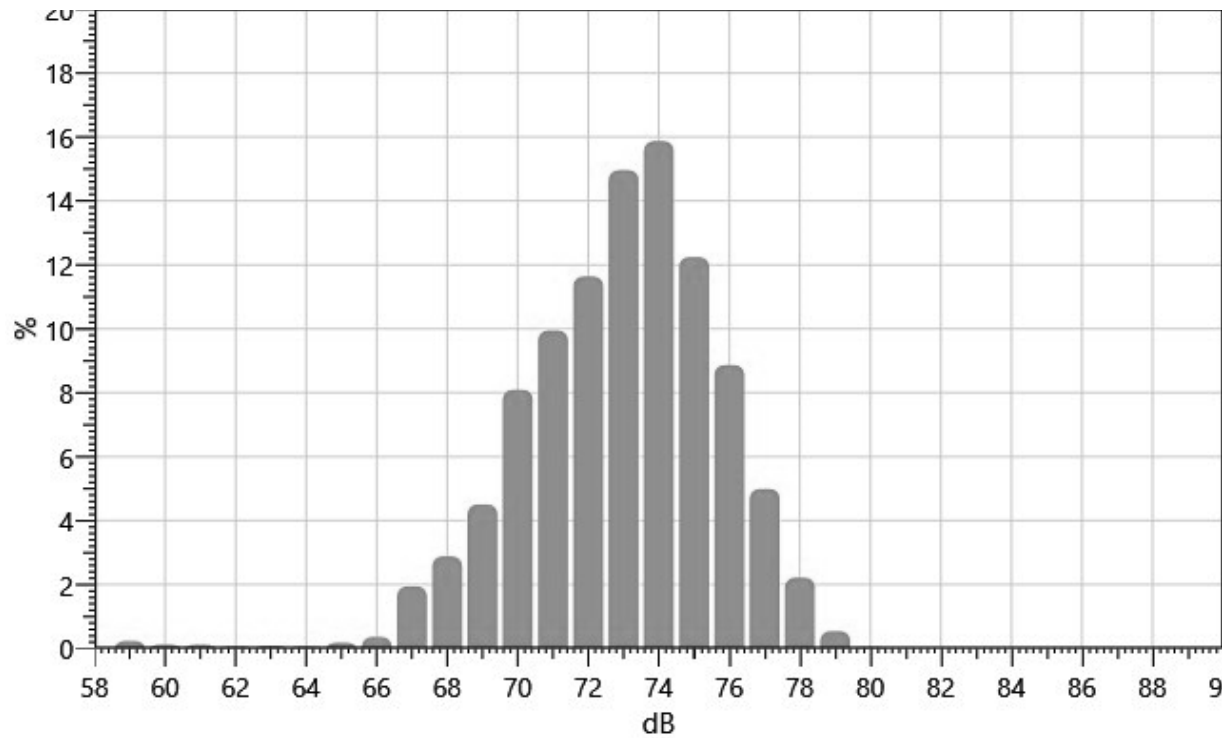
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
59:	0.06	0.07	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.24
60:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.12
61:	0.02	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.11
62:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
63:	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
64:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06
65:	0.01	0.01	0.01	0.01	0.01	0.03	0.07	0.03	0.02	0.01	0.18
66:	0.01	0.01	0.01	0.01	0.06	0.06	0.04	0.04	0.05	0.08	0.36
67:	0.13	0.13	0.15	0.12	0.21	0.29	0.19	0.23	0.24	0.24	1.95
68:	0.23	0.30	0.19	0.31	0.29	0.31	0.39	0.32	0.29	0.24	2.88
69:	0.40	0.30	0.47	0.45	0.47	0.37	0.47	0.52	0.57	0.49	4.51
70:	0.44	0.52	0.51	0.67	0.68	0.81	0.98	1.17	1.28	1.04	8.10
71:	0.92	0.83	0.61	0.90	0.97	1.12	1.25	1.04	1.14	1.16	9.95

72:	1.07	1.13	1.35	1.09	1.46	1.14	1.04	1.02	1.09	1.26	11.64
73:	1.28	1.53	1.68	1.51	1.42	1.41	1.51	1.56	1.39	1.68	14.96
74:	1.76	1.64	1.01	1.37	1.54	1.63	1.78	1.81	1.73	1.61	15.87
75:	1.39	1.34	1.49	1.44	1.41	1.26	1.04	0.93	0.85	1.09	12.25
76:	1.05	1.16	1.05	0.88	0.88	0.86	0.79	0.85	0.65	0.70	8.87
77:	0.63	0.68	0.53	0.72	0.73	0.53	0.36	0.31	0.29	0.21	4.99
78:	0.21	0.25	0.29	0.21	0.20	0.24	0.22	0.26	0.23	0.11	2.22
79:	0.16	0.11	0.03	0.02	0.03	0.04	0.07	0.04	0.02	0.01	0.54
80:	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

Statistics Chart

S068_BIG080015_05102021_224058: Statistics Chart



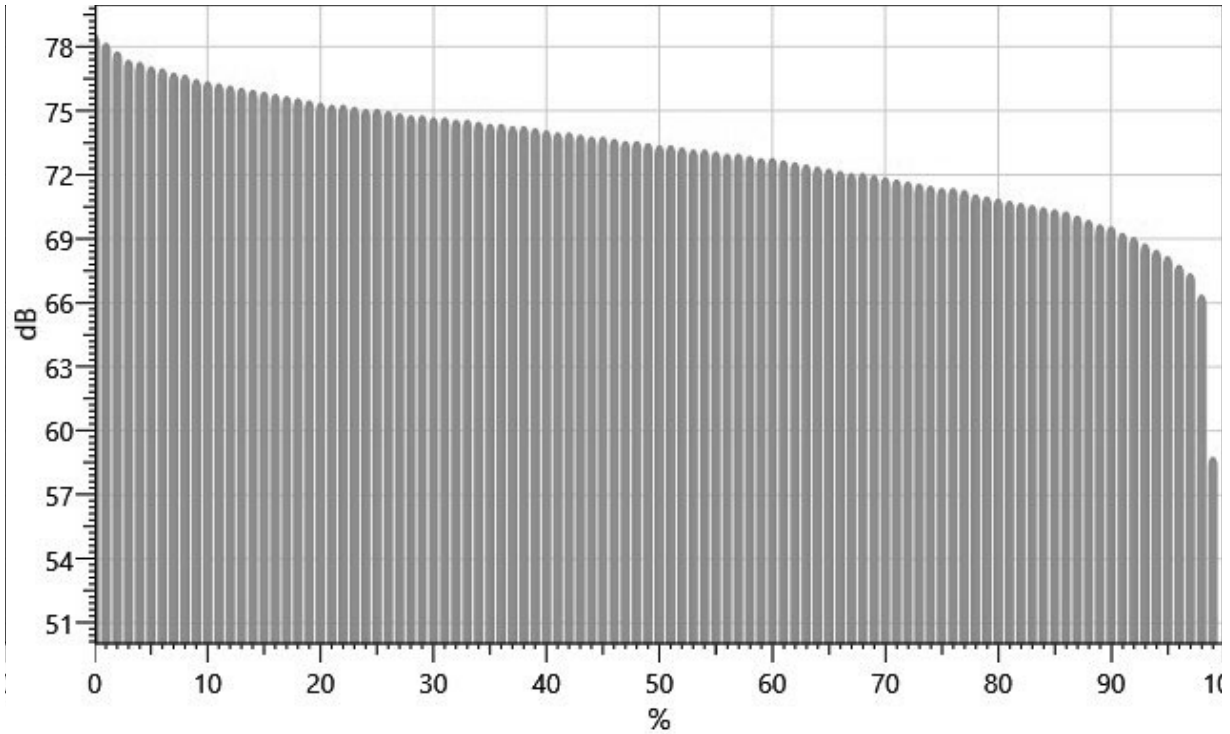
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		78.6	78.2	77.8	77.4	77.3	77.1	77.0	76.8	76.7
10%:	76.5	76.4	76.3	76.2	76.1	76.0	75.9	75.8	75.7	75.6
20%:	75.5	75.4	75.3	75.3	75.2	75.1	75.1	75.0	74.9	74.8
30%:	74.8	74.7	74.7	74.6	74.6	74.5	74.4	74.4	74.3	74.3
40%:	74.2	74.1	74.0	74.0	73.9	73.8	73.8	73.7	73.6	73.6
50%:	73.5	73.4	73.4	73.3	73.2	73.2	73.1	73.0	73.0	72.9

60%:	72.8	72.8	72.7	72.6	72.5	72.4	72.3	72.2	72.1	72.1
70%:	72.0	71.9	71.8	71.7	71.6	71.5	71.4	71.4	71.3	71.1
80%:	71.0	70.9	70.8	70.7	70.6	70.5	70.4	70.3	70.1	69.9
90%:	69.7	69.6	69.3	69.1	68.8	68.5	68.2	67.8	67.4	66.4
100%:	58.8									

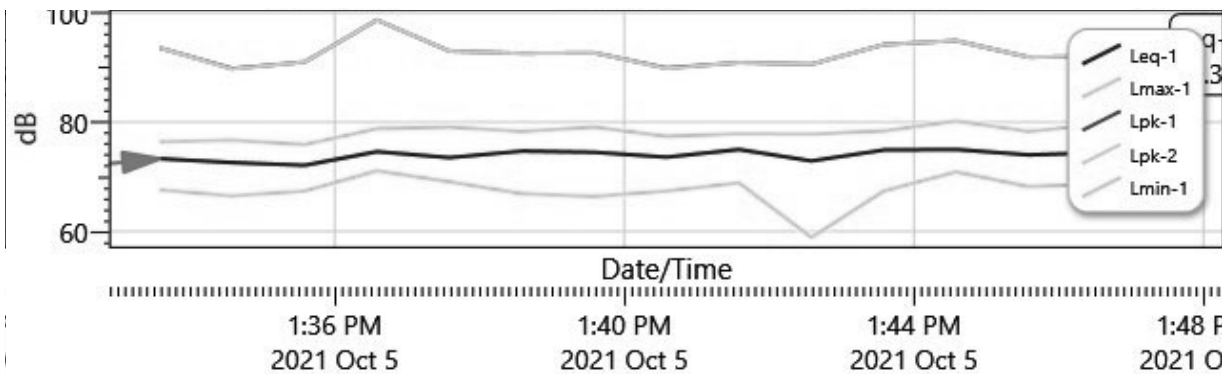
Exceedance Chart

S068_BIG080015_05102021_224058: Exceedance Chart



Logged Data Chart

S068_BIG080015_05102021_224058: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 1:33:35 PM	73.3	76.4	67.6	93.6
1:34:35 PM	72.6	76.7	66.5	89.8
1:35:35 PM	72.1	75.9	67.4	91
1:36:35 PM	74.6	78.8	71.1	98.7
1:37:35 PM	73.5	79.1	69.1	93
1:38:35 PM	74.7	78.3	66.9	92.6
1:39:35 PM	74.5	79.1	66.4	92.7
1:40:35 PM	73.6	77.4	67.4	89.9
1:41:35 PM	75	77.9	68.9	90.9
1:42:35 PM	72.9	77.8	58.9	90.6
1:43:35 PM	74.9	78.4	67.4	94.2
1:44:35 PM	75	80.2	70.9	94.9
1:45:35 PM	74	78.3	68.2	91.9
1:46:35 PM	74.4	79.6	68.7	92.1
1:47:35 PM	75	79.1	68.4	92.1

Session Report

10/6/2021

Information Panel

Name S024_BIH050001_05102021_231624
Start Time 10/5/2021 1:32:44 PM
Stop Time 10/5/2021 1:47:44 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 50' from Simulated wall 10-5-21 (2) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	71.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

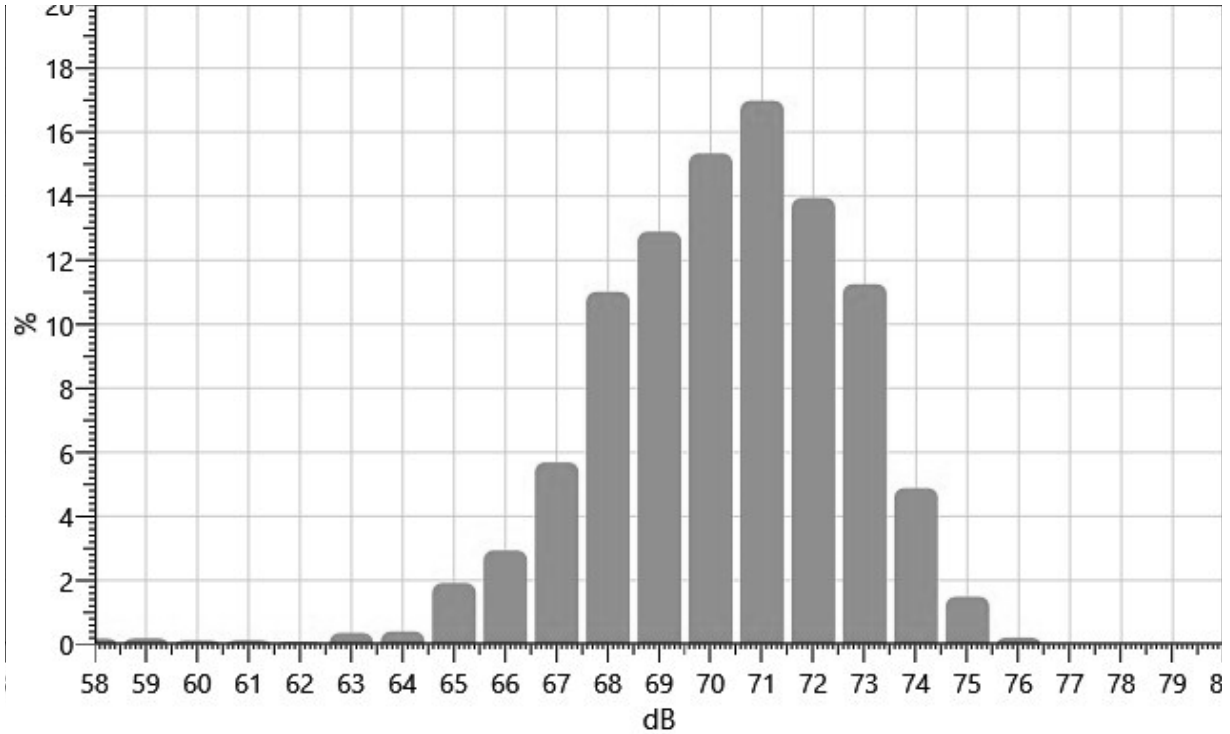
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.01	0.03	0.02	0.02	0.02	0.01	0.02	0.02	0.01	0.02	0.19
59:	0.01	0.02	0.07	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.19
60:	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.12
61:	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.12
62:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
63:	0.02	0.01	0.01	0.04	0.08	0.06	0.03	0.03	0.03	0.04	0.35
64:	0.03	0.03	0.03	0.04	0.05	0.02	0.03	0.03	0.07	0.07	0.40
65:	0.20	0.26	0.17	0.18	0.11	0.12	0.14	0.27	0.24	0.21	1.91
66:	0.19	0.24	0.30	0.34	0.22	0.32	0.32	0.27	0.36	0.38	2.94
67:	0.40	0.43	0.41	0.44	0.48	0.59	0.61	0.83	0.84	0.66	5.69
68:	0.77	1.11	0.71	1.17	1.29	1.18	1.15	1.32	1.24	1.07	11.01
69:	1.27	1.12	1.16	1.31	1.26	1.15	1.39	1.53	1.36	1.36	12.89
70:	1.44	1.35	1.39	1.68	1.67	1.49	1.54	1.52	1.53	1.73	15.34
71:	1.85	1.87	1.19	1.74	1.86	1.79	1.63	1.60	1.73	1.73	16.98

72:	1.78	1.58	1.58	1.15	1.19	1.18	1.38	1.20	1.52	1.40	13.95
73:	1.23	1.30	1.00	0.95	1.14	1.19	1.32	1.01	1.05	1.07	11.26
74:	0.66	0.57	0.42	0.49	0.61	0.59	0.43	0.53	0.35	0.23	4.88
75:	0.20	0.23	0.22	0.22	0.18	0.15	0.06	0.06	0.09	0.10	1.49
76:	0.08	0.05	0.04	0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.22

Statistics Chart

S024_BIH050001_05102021_231624: Statistics Chart



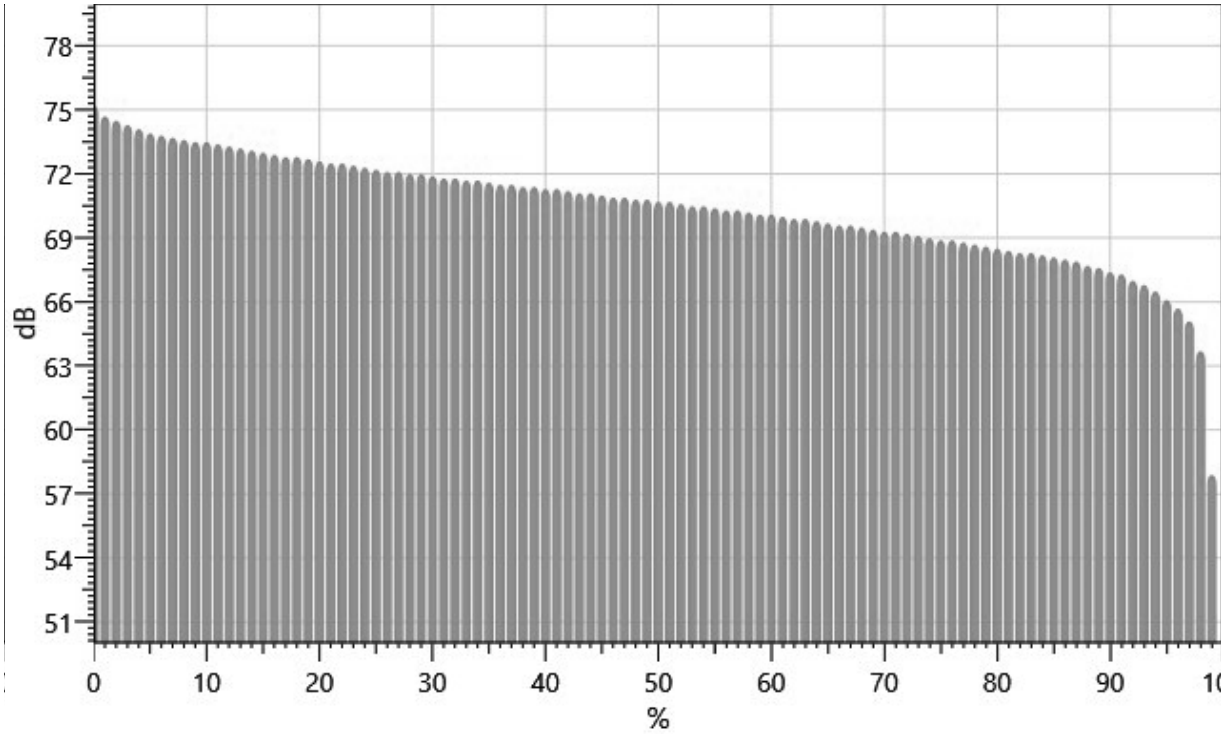
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		75.2	74.7	74.5	74.3	74.1	73.9	73.8	73.7	73.6
10%:	73.5	73.5	73.4	73.3	73.2	73.1	73.0	72.9	72.8	72.8
20%:	72.7	72.6	72.5	72.5	72.4	72.3	72.2	72.1	72.1	72.0
30%:	72.0	71.9	71.8	71.8	71.7	71.7	71.6	71.5	71.5	71.4
40%:	71.4	71.3	71.3	71.2	71.1	71.1	71.0	70.9	70.9	70.8
50%:	70.8	70.7	70.7	70.6	70.5	70.5	70.4	70.3	70.3	70.2
60%:	70.1	70.1	70.0	69.9	69.9	69.8	69.7	69.6	69.6	69.5
70%:	69.4	69.3	69.3	69.2	69.1	69.0	68.9	68.9	68.8	68.7
80%:	68.6	68.5	68.4	68.3	68.3	68.2	68.1	68.0	67.9	67.7
90%:	67.6	67.4	67.3	67.0	66.8	66.5	66.1	65.7	65.1	63.7

100%: 57.9

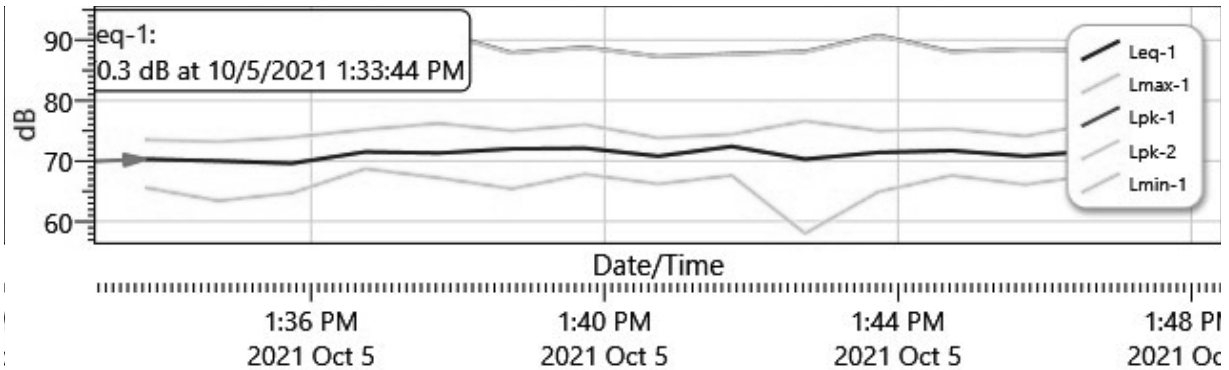
Exceedance Chart

S024_BIH050001_05102021_231624: Exceedance Chart



Logged Data Chart

S024_BIH050001_05102021_231624: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 1:33:44 PM	70.3	73.5	65.6	86.4
1:34:44 PM	70	73.2	63.4	87.3
1:35:44 PM	69.6	73.9	64.7	89.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:36:44 PM	71.5	75.2	68.7	94
1:37:44 PM	71.3	76.2	67.2	91.4
1:38:44 PM	72	75	65.4	87.9
1:39:44 PM	72.1	76	67.8	88.8
1:40:44 PM	70.8	73.8	66.2	87.3
1:41:44 PM	72.4	74.4	67.6	87.7
1:42:44 PM	70.3	76.6	58	88.1
1:43:44 PM	71.4	75	64.9	90.8
1:44:44 PM	71.7	75.3	67.6	88.1
1:45:44 PM	70.8	74.1	66.1	88.5
1:46:44 PM	71.7	76.3	67.8	88.3
1:47:44 PM	72.1	75.5	67	89.6

Session Report

10/6/2021

Information Panel

Name S042_BIF090005_05102021_211344
Start Time 10/5/2021 2:27:21 PM
Stop Time 10/5/2021 2:42:21 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 Top of GoG Vinyl wall 10-5-21 (3) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

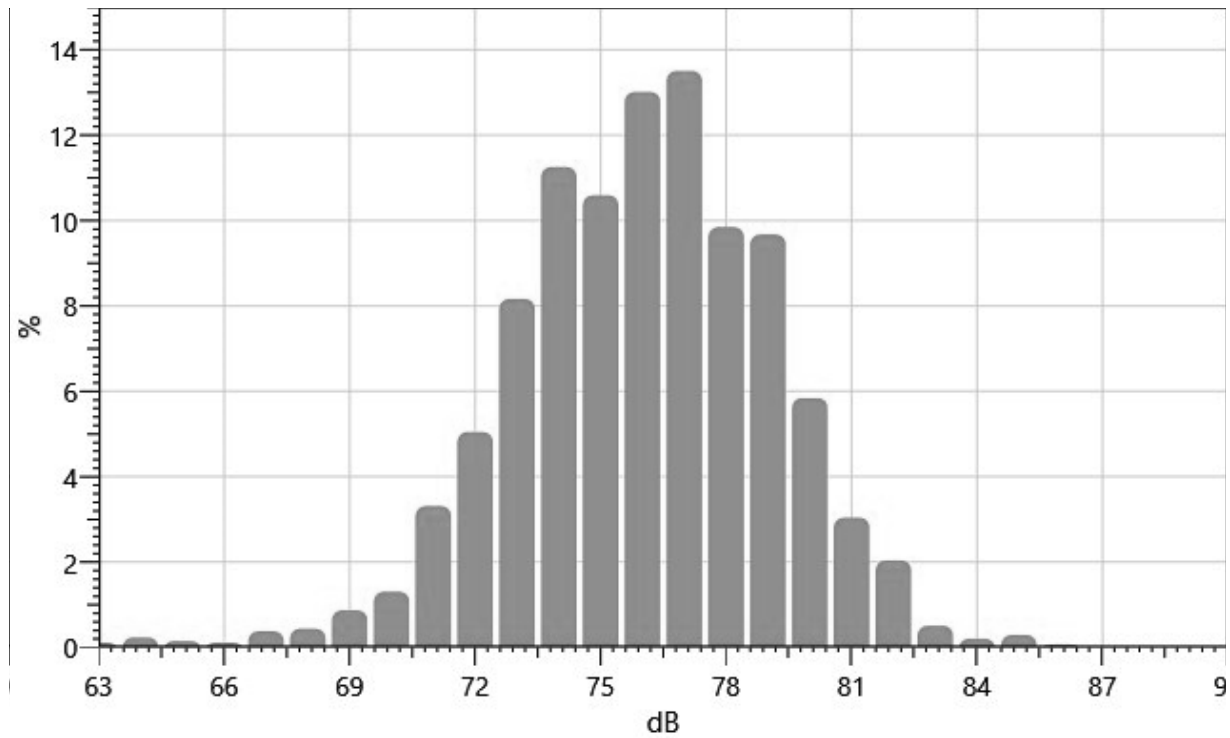
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
63:	0.00	0.00	0.00	0.00	0.00	0.04	0.02	0.01	0.02	0.02	0.11
64:	0.02	0.02	0.01	0.01	0.01	0.01	0.05	0.04	0.06	0.01	0.23
65:	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.02	0.01	0.15
66:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.11
67:	0.02	0.02	0.01	0.01	0.01	0.09	0.06	0.06	0.06	0.05	0.38
68:	0.07	0.07	0.03	0.03	0.02	0.02	0.02	0.02	0.06	0.10	0.44
69:	0.04	0.04	0.04	0.07	0.06	0.06	0.12	0.13	0.15	0.16	0.87
70:	0.12	0.08	0.10	0.13	0.08	0.07	0.16	0.14	0.18	0.25	1.31
71:	0.25	0.31	0.17	0.29	0.35	0.34	0.30	0.32	0.40	0.59	3.31
72:	0.69	0.47	0.41	0.43	0.41	0.51	0.52	0.49	0.56	0.55	5.05
73:	0.69	0.59	0.52	0.71	0.74	0.96	1.01	1.06	0.90	0.99	8.16
74:	1.02	1.30	0.72	1.05	1.27	1.40	1.18	0.99	1.03	1.29	11.25
75:	1.23	1.21	0.90	1.24	1.12	0.96	1.01	1.06	0.93	0.94	10.59
76:	1.03	0.89	0.97	1.00	1.16	1.63	1.52	1.40	1.49	1.93	13.01

77:	1.69	1.53	0.74	1.32	1.24	1.35	1.64	1.46	1.25	1.28	13.50
78:	1.24	1.44	1.06	0.97	0.81	0.77	0.75	0.82	0.77	1.21	9.85
79:	1.18	1.14	1.10	1.23	0.92	0.75	0.74	0.83	0.76	1.03	9.67
80:	1.02	0.82	0.39	0.51	0.55	0.60	0.50	0.60	0.49	0.36	5.84
81:	0.41	0.40	0.35	0.31	0.34	0.27	0.28	0.22	0.21	0.27	3.04
82:	0.22	0.25	0.24	0.13	0.16	0.16	0.27	0.28	0.16	0.17	2.04
83:	0.10	0.05	0.05	0.05	0.07	0.06	0.05	0.03	0.03	0.02	0.51
84:	0.02	0.01	0.02	0.02	0.02	0.02	0.04	0.02	0.02	0.02	0.21
85:	0.01	0.02	0.05	0.03	0.02	0.02	0.03	0.04	0.04	0.02	0.29
86:	0.02	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.07

Statistics Chart

S042_BIF090005_05102021_211344: Statistics Chart



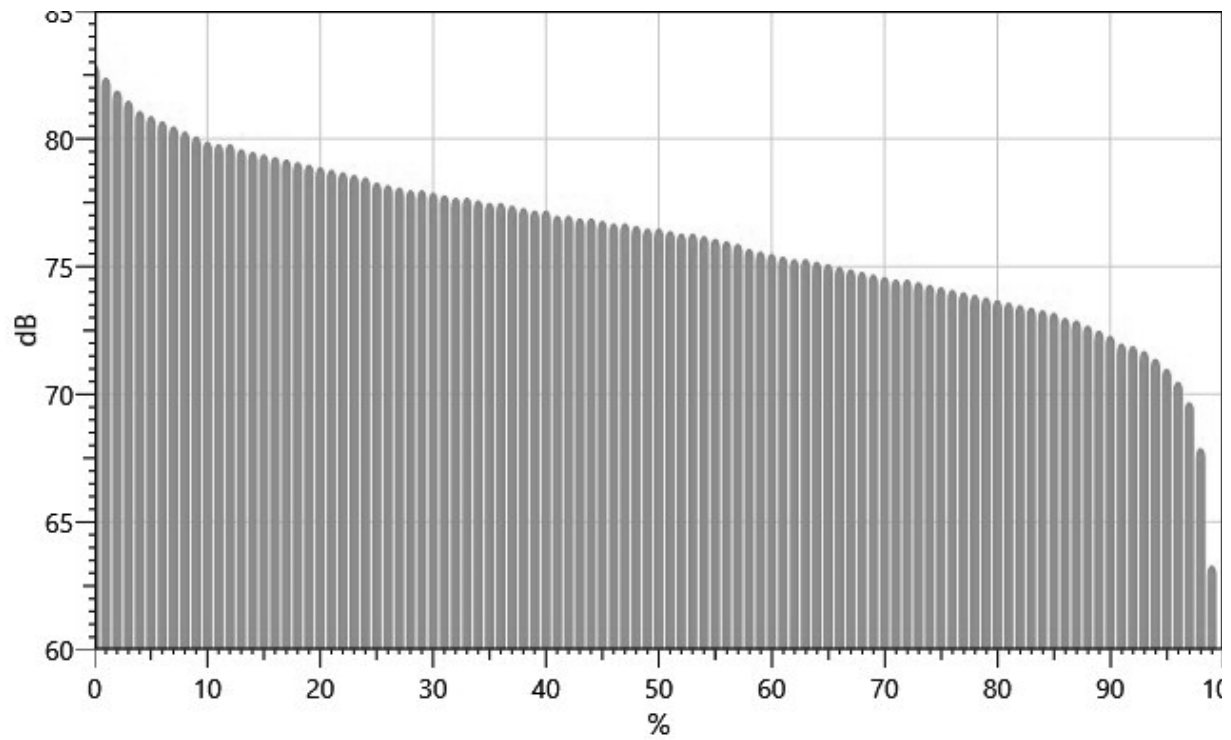
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		82.9	82.4	81.9	81.5	81.1	80.9	80.7	80.5	80.3
10%:	80.1	79.9	79.8	79.8	79.6	79.5	79.4	79.3	79.2	79.1
20%:	79.0	78.9	78.8	78.7	78.6	78.5	78.3	78.2	78.1	78.0
30%:	78.0	77.9	77.8	77.7	77.7	77.6	77.5	77.5	77.4	77.3
40%:	77.2	77.2	77.0	77.0	76.9	76.9	76.8	76.7	76.7	76.6

50%:	76.5	76.5	76.4	76.3	76.3	76.2	76.1	76.0	75.9	75.7
60%:	75.6	75.5	75.4	75.3	75.3	75.2	75.1	75.0	74.9	74.8
70%:	74.7	74.6	74.5	74.5	74.4	74.3	74.2	74.1	74.0	73.9
80%:	73.8	73.7	73.6	73.5	73.4	73.3	73.2	73.0	72.9	72.7
90%:	72.5	72.3	72.0	71.9	71.7	71.4	71.0	70.5	69.7	67.9
100%:	63.3									

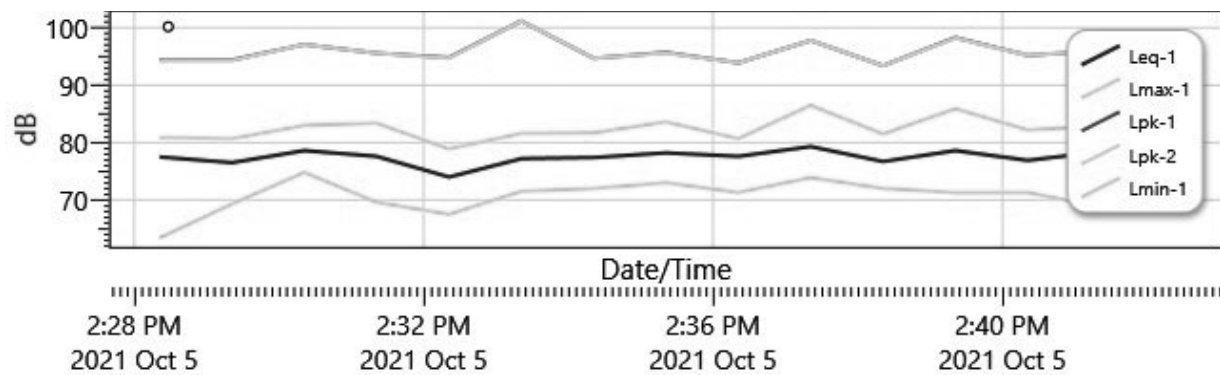
Exceedance Chart

S042_BIF090005_05102021_211344: Exceedance Chart



Logged Data Chart

S042_BIF090005_05102021_211344: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 2:28:21 PM	77.5	80.9	63.4	94.4
2:29:21 PM	76.5	80.7	69.3	94.4
2:30:21 PM	78.6	83	74.8	97.1
2:31:21 PM	77.6	83.4	69.6	95.6
2:32:21 PM	74	78.9	67.5	94.8
2:33:21 PM	77.2	81.6	71.5	101.2
2:34:21 PM	77.4	81.7	72	94.7
2:35:21 PM	78.2	83.6	73	95.7
2:36:21 PM	77.6	80.7	71.3	93.9
2:37:21 PM	79.3	86.5	73.9	97.8
2:38:21 PM	76.7	81.5	72	93.4
2:39:21 PM	78.6	85.9	71.3	98.3
2:40:21 PM	76.9	82.2	71.3	95.2
2:41:21 PM	78.4	82.9	68.8	96
2:42:21 PM	75.6	80.1	70.6	93.5

Session Report

10/6/2021

Information Panel

Name S042_BIF090003_05102021_215123
Start Time 10/5/2021 2:27:14 PM
Stop Time 10/5/2021 2:42:14 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5' from GoG Vinyl wall 10-5-21 (3) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	67.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

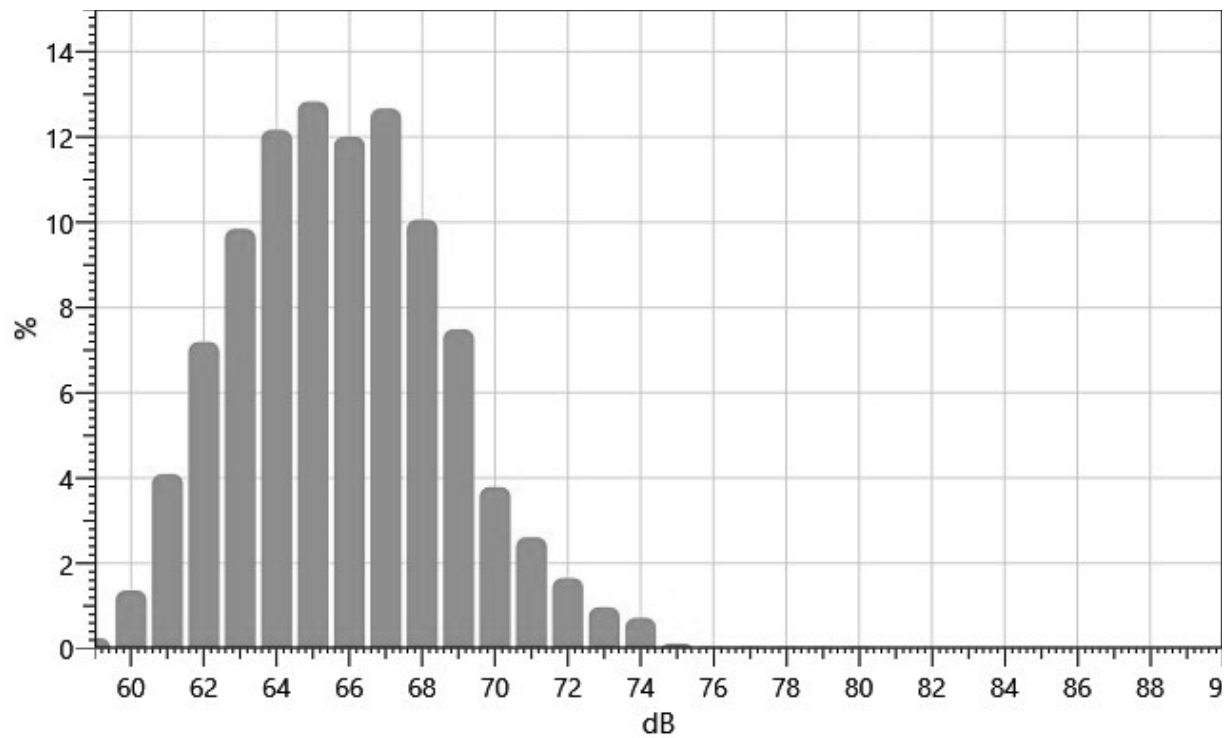
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.09	0.24
60:	0.18	0.04	0.02	0.03	0.03	0.07	0.15	0.12	0.36	0.34	1.36
61:	0.28	0.26	0.38	0.28	0.47	0.34	0.48	0.54	0.54	0.52	4.10
62:	0.59	0.51	0.57	0.63	0.80	0.80	0.77	0.76	0.84	0.93	7.19
63:	0.97	0.90	1.20	1.03	0.96	0.87	0.79	0.75	1.15	1.23	9.85
64:	0.86	0.86	1.05	1.01	0.98	1.42	1.65	1.34	1.35	1.65	12.17
65:	1.71	1.69	1.15	1.56	1.16	1.13	1.12	1.22	1.10	0.99	12.83
66:	1.05	1.16	1.42	1.49	1.30	1.11	1.10	1.02	1.23	1.13	12.01
67:	1.08	1.07	1.35	1.47	1.36	1.33	1.22	1.39	1.20	1.20	12.67
68:	1.15	1.04	0.74	1.02	1.09	1.04	0.95	1.14	0.92	0.96	10.06
69:	0.86	0.88	0.77	0.62	0.80	0.90	0.71	0.64	0.65	0.66	7.49
70:	0.46	0.48	0.34	0.32	0.33	0.30	0.36	0.35	0.37	0.48	3.79
71:	0.36	0.32	0.27	0.34	0.28	0.26	0.18	0.19	0.16	0.26	2.61
72:	0.23	0.21	0.20	0.20	0.20	0.14	0.12	0.15	0.12	0.08	1.65

73:	0.09	0.13	0.11	0.09	0.10	0.07	0.09	0.07	0.12	0.12	0.97
74:	0.12	0.20	0.06	0.05	0.09	0.04	0.05	0.05	0.05	0.01	0.72
75:	0.01	0.02	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.12
76:	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.03
77:	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
78:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
79:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
80:	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.03
81:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Statistics Chart

S042_BIF090003_05102021_215123: Statistics Chart



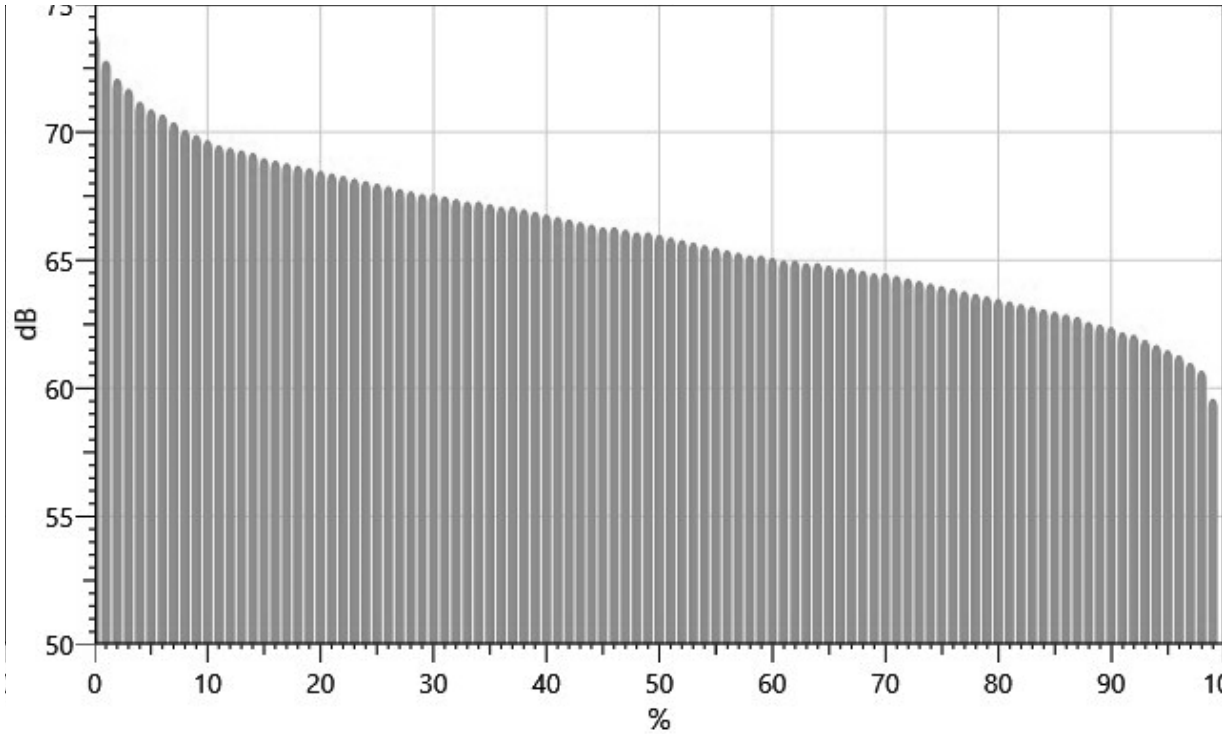
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		73.8	72.8	72.1	71.7	71.2	70.9	70.7	70.4	70.1
10%:	69.9	69.7	69.5	69.4	69.3	69.2	69.0	68.9	68.8	68.7
20%:	68.6	68.5	68.4	68.3	68.2	68.1	68.0	67.9	67.8	67.7
30%:	67.6	67.6	67.5	67.4	67.3	67.3	67.2	67.1	67.1	67.0
40%:	66.9	66.8	66.7	66.6	66.5	66.4	66.3	66.3	66.2	66.1
50%:	66.1	66.0	65.9	65.8	65.7	65.6	65.5	65.4	65.3	65.2

60%:	65.2	65.1	65.0	65.0	64.9	64.9	64.8	64.7	64.7	64.6
70%:	64.5	64.5	64.4	64.3	64.2	64.1	64.0	63.9	63.8	63.7
80%:	63.6	63.5	63.4	63.3	63.2	63.1	63.0	62.9	62.8	62.6
90%:	62.5	62.4	62.2	62.1	61.9	61.7	61.5	61.3	61.0	60.7
100%:	59.6									

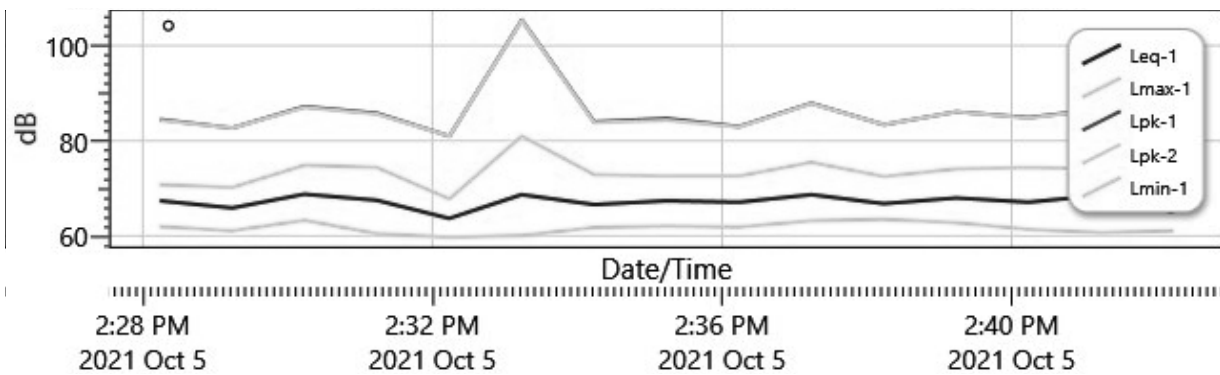
Exceedance Chart

S042_BIF090003_05102021_215123: Exceedance Chart



Logged Data Chart

S042_BIF090003_05102021_215123: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 2:28:14 PM	67.4	70.8	62	84.5
2:29:14 PM	65.9	70.2	61.1	82.7
2:30:14 PM	68.8	74.9	63.3	87.2
2:31:14 PM	67.5	74.4	60.5	85.8
2:32:14 PM	63.7	67.8	59.7	81
2:33:14 PM	68.7	81	60.1	105.4
2:34:14 PM	66.6	72.9	61.8	84
2:35:14 PM	67.4	72.6	62.1	84.7
2:36:14 PM	67.1	72.6	61.9	83
2:37:14 PM	68.7	75.5	63.2	87.9
2:38:14 PM	66.8	72.5	63.5	83.4
2:39:14 PM	68	74.1	62.8	86.1
2:40:14 PM	67.1	74.4	61.4	84.9
2:41:14 PM	68.6	74.1	60.7	86.7
2:42:14 PM	65	69	61.1	82.1

Session Report

10/6/2021

Information Panel

Name S069_BIG080015_05102021_224100
Start Time 10/5/2021 2:27:14 PM
Stop Time 10/5/2021 2:42:14 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 25' from GoG vinyl wall 10-5-21 (3) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	66.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

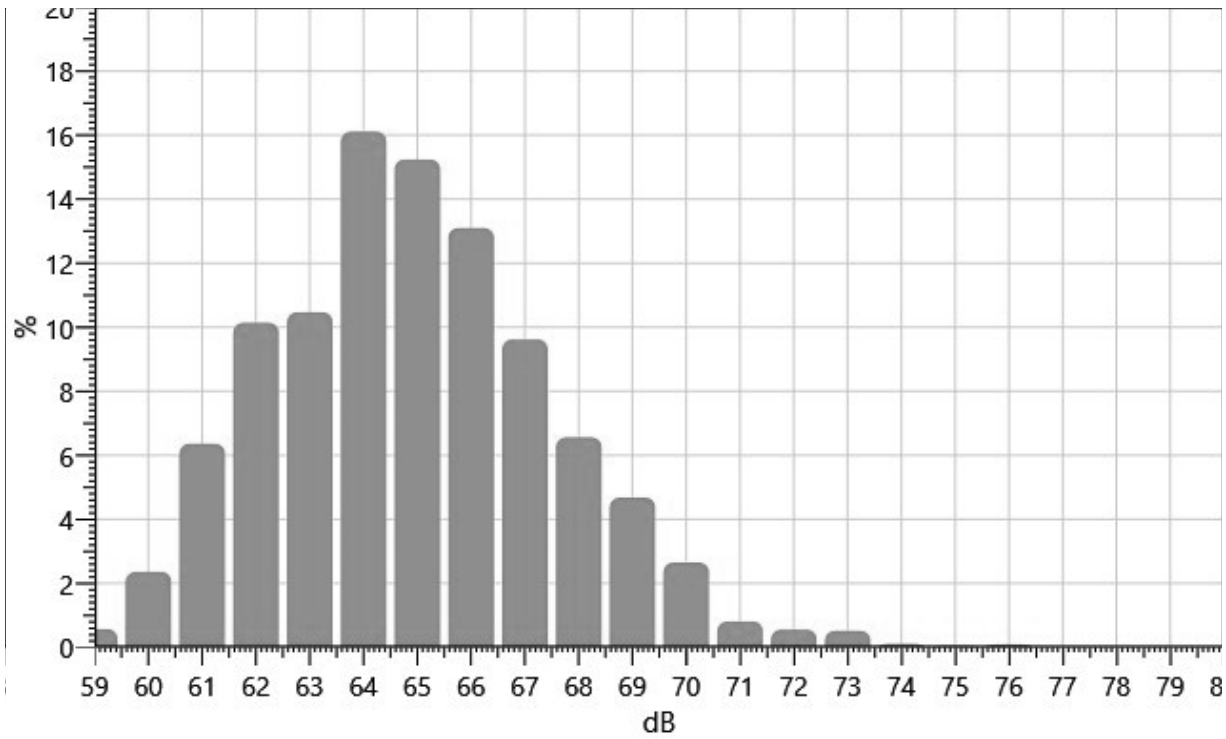
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.00	0.00	0.03	0.08	0.09	0.15	0.17	0.03	0.02	0.57
60:	0.03	0.04	0.02	0.24	0.32	0.26	0.22	0.34	0.44	0.45	2.36
61:	0.30	0.45	0.60	0.52	0.56	0.58	0.59	0.64	0.94	1.17	6.36
62:	1.40	1.10	0.90	0.90	1.01	1.29	1.15	0.73	0.82	0.83	10.14
63:	1.03	0.93	0.76	0.83	0.95	0.76	0.81	1.36	1.59	1.45	10.47
64:	1.41	1.66	1.71	1.72	1.66	1.72	1.49	1.43	1.55	1.75	16.11
65:	1.68	1.51	1.37	1.51	1.55	1.54	1.57	1.30	1.56	1.66	15.24
66:	1.25	1.51	1.44	1.43	1.40	1.48	1.34	1.18	1.02	1.06	13.10
67:	1.19	0.99	0.79	0.94	1.03	1.12	1.01	0.77	0.83	0.96	9.62
68:	0.95	1.03	0.67	0.68	0.62	0.45	0.50	0.59	0.54	0.53	6.56
69:	0.57	0.50	0.60	0.53	0.52	0.42	0.42	0.43	0.33	0.36	4.68
70:	0.37	0.29	0.28	0.25	0.22	0.24	0.23	0.36	0.26	0.14	2.65
71:	0.11	0.09	0.05	0.09	0.08	0.07	0.09	0.09	0.09	0.05	0.81
72:	0.06	0.05	0.05	0.06	0.05	0.07	0.07	0.05	0.05	0.04	0.56

73:	0.02	0.02	0.03	0.05	0.07	0.08	0.12	0.06	0.04	0.03	0.52
74:	0.06	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.11
75:	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.05
76:	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.00	0.00	0.09

Statistics Chart

S069_BIG080015_05102021_224100: Statistics Chart

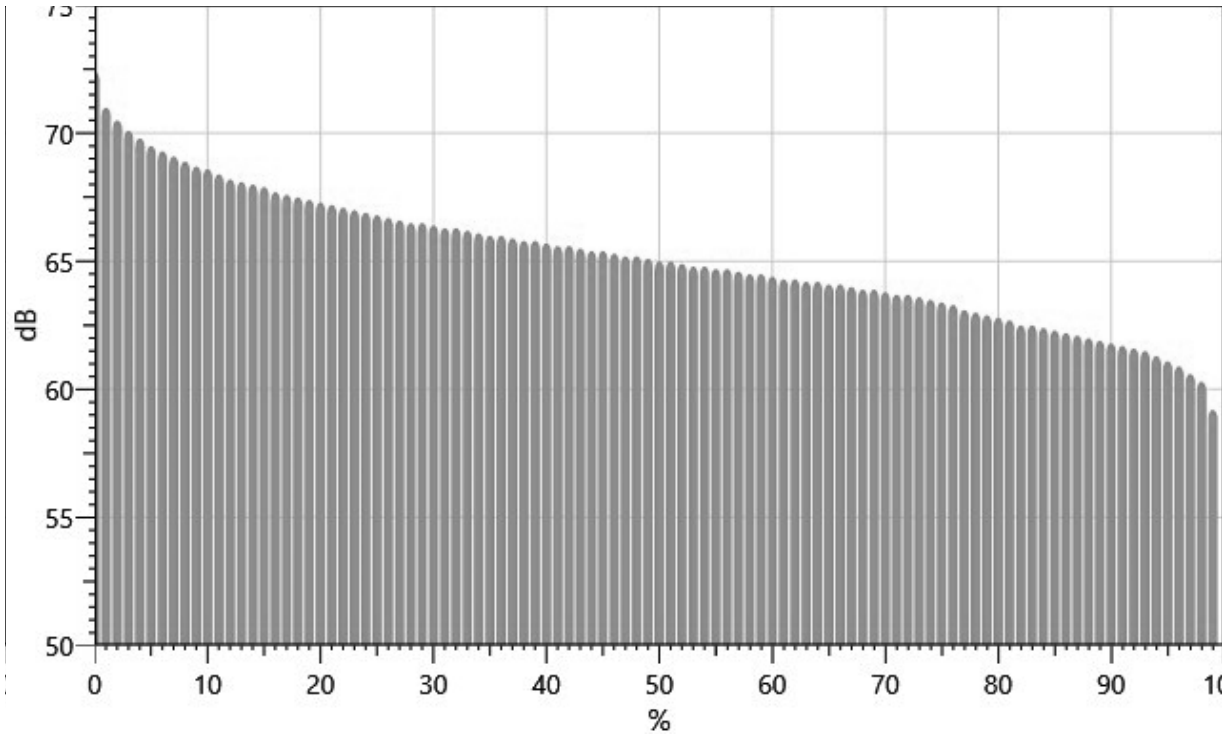


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		72.4	71.0	70.5	70.1	69.8	69.5	69.3	69.1	68.9
10%:	68.7	68.6	68.4	68.2	68.1	68.0	67.9	67.7	67.6	67.5
20%:	67.4	67.3	67.2	67.1	67.0	66.9	66.8	66.7	66.6	66.5
30%:	66.5	66.4	66.3	66.3	66.2	66.1	66.0	66.0	65.9	65.8
40%:	65.8	65.7	65.6	65.6	65.5	65.4	65.4	65.3	65.2	65.2
50%:	65.1	65.0	65.0	64.9	64.8	64.8	64.7	64.7	64.6	64.5
60%:	64.5	64.4	64.3	64.3	64.2	64.2	64.1	64.1	64.0	63.9
70%:	63.9	63.8	63.7	63.7	63.6	63.5	63.4	63.3	63.1	63.0
80%:	62.9	62.8	62.7	62.5	62.5	62.4	62.3	62.2	62.1	62.0
90%:	61.9	61.8	61.7	61.6	61.5	61.3	61.1	60.9	60.6	60.3
100%:	59.2									

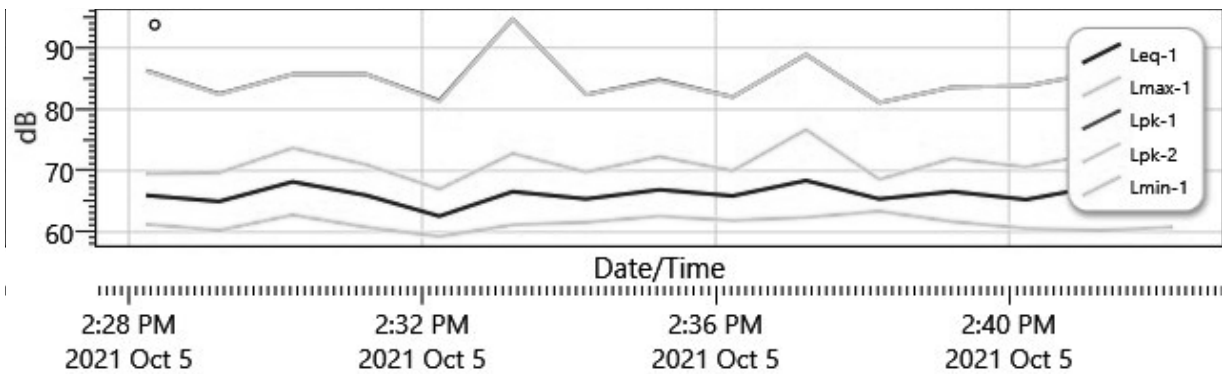
Exceedance Chart

S069_BIG080015_05102021_224100: Exceedance Chart



Logged Data Chart

S069_BIG080015_05102021_224100: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 2:28:14 PM	66	69.5	61.3	86.3
2:29:14 PM	65	69.7	60.3	82.5
2:30:14 PM	68.2	73.7	62.8	85.7
2:31:14 PM	66	71	60.8	85.7
2:32:14 PM	62.6	67	59.3	81.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:33:14 PM	66.6	72.8	61.2	94.7
2:34:14 PM	65.4	69.8	61.6	82.4
2:35:14 PM	66.9	72.3	62.6	84.8
2:36:14 PM	65.9	70	61.9	82
2:37:14 PM	68.4	76.7	62.4	88.9
2:38:14 PM	65.4	68.6	63.4	81.1
2:39:14 PM	66.6	72	61.7	83.6
2:40:14 PM	65.3	70.6	60.6	83.8
2:41:14 PM	67.5	72.9	60.3	86
2:42:14 PM	64.1	68.6	60.8	80.7

Session Report

10/6/2021

Information Panel

Name S025_BIH050001_05102021_231626
Start Time 10/5/2021 2:27:18 PM
Stop Time 10/5/2021 2:42:18 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 50' from GoG vinyl wall 10-5-21 (3) afternoon

Summary Data Panel

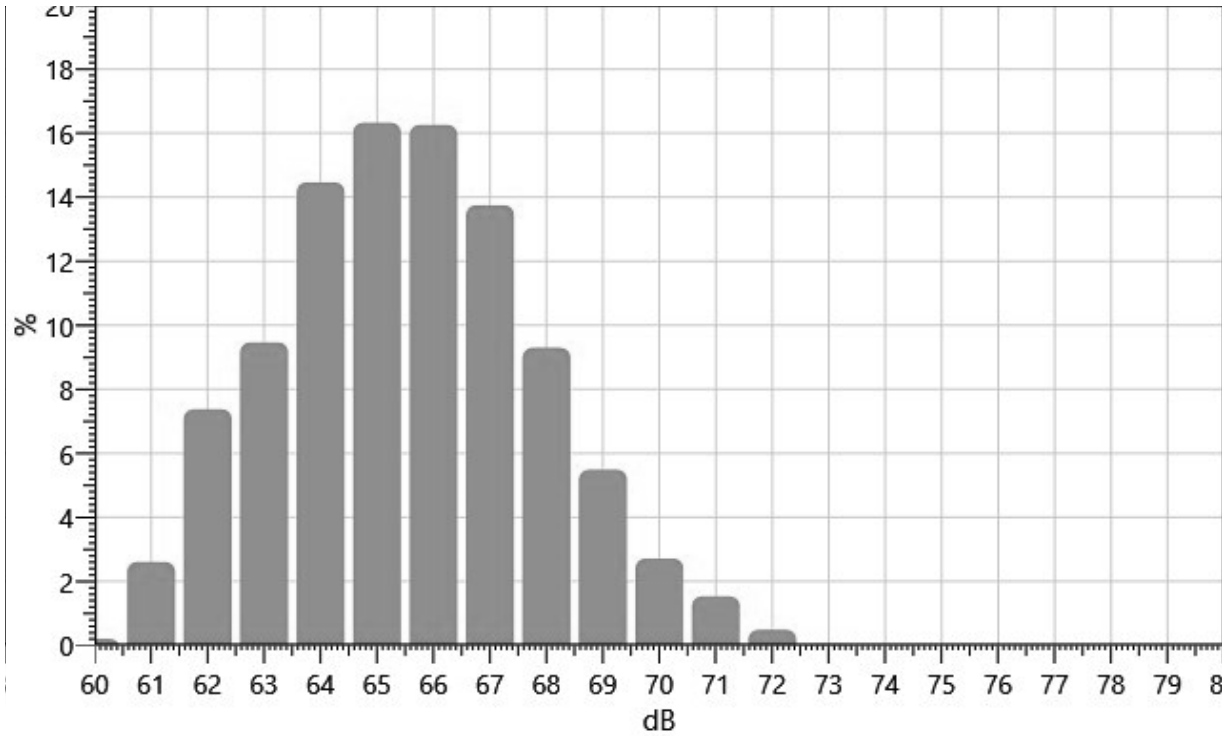
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	66.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
60:	0.00	0.00	0.00	0.00	0.00	0.07	0.01	0.07	0.03	0.01	0.20
61:	0.02	0.03	0.17	0.26	0.17	0.20	0.23	0.38	0.56	0.59	2.61
62:	0.32	0.44	0.53	0.54	0.53	0.84	0.94	1.05	1.08	1.11	7.38
63:	1.12	0.83	1.24	1.10	0.98	0.85	0.71	0.72	0.85	1.07	9.46
64:	0.94	1.04	1.00	1.18	1.59	1.68	1.81	1.77	1.67	1.78	14.46
65:	2.05	1.77	1.59	1.74	1.77	1.58	1.41	1.62	1.39	1.41	16.32
66:	1.31	1.34	1.37	1.43	1.49	1.43	1.95	1.94	2.15	1.85	16.26
67:	1.78	1.69	1.57	1.33	1.36	1.17	1.19	0.92	1.40	1.34	13.75
68:	1.54	1.42	0.78	0.90	1.07	0.94	0.78	0.73	0.59	0.56	9.30
69:	0.64	0.51	0.59	0.63	0.74	0.60	0.52	0.50	0.44	0.30	5.49
70:	0.39	0.36	0.29	0.28	0.23	0.19	0.22	0.21	0.22	0.32	2.71
71:	0.27	0.23	0.12	0.17	0.18	0.18	0.09	0.14	0.09	0.06	1.53
72:	0.07	0.05	0.06	0.07	0.05	0.06	0.07	0.01	0.01	0.02	0.49
73:	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

Statistics Chart

S025_BIH050001_05102021_231626: Statistics Chart

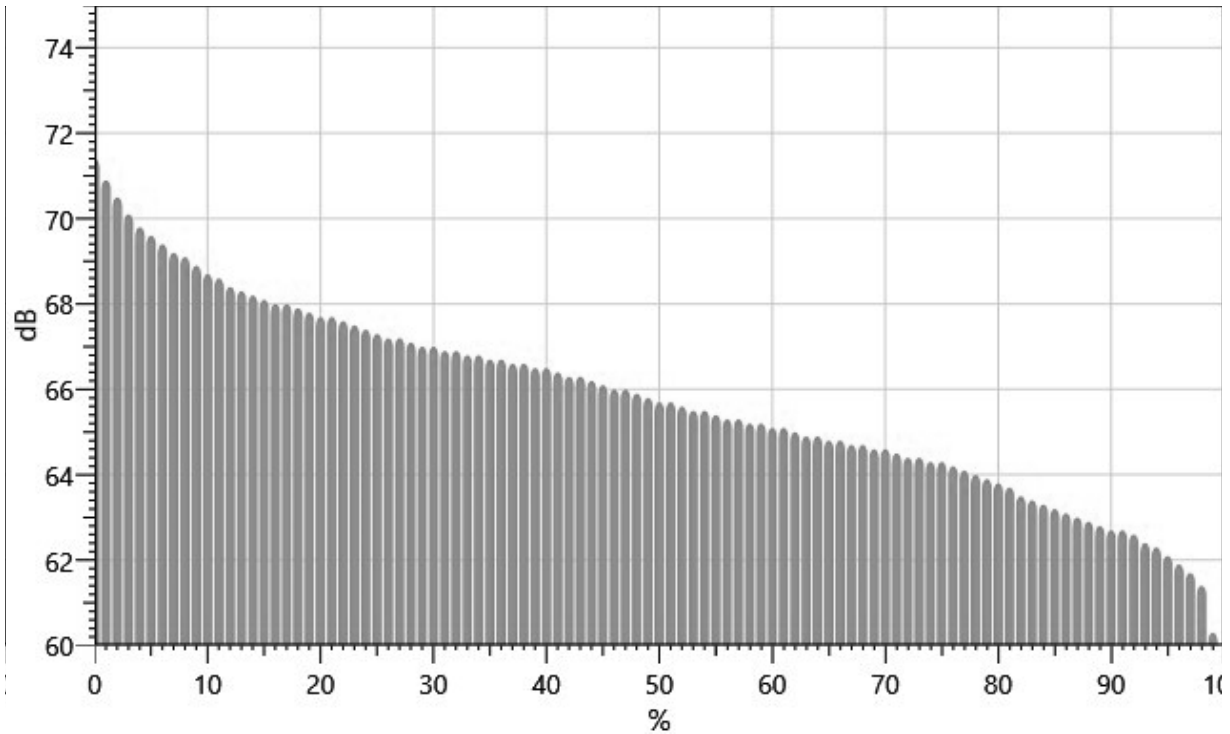


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		71.4	70.9	70.5	70.1	69.8	69.6	69.4	69.2	69.1
10%:	68.9	68.7	68.6	68.4	68.3	68.2	68.1	68.0	68.0	67.9
20%:	67.8	67.7	67.7	67.6	67.5	67.4	67.3	67.2	67.2	67.1
30%:	67.0	67.0	66.9	66.9	66.8	66.8	66.7	66.7	66.6	66.6
40%:	66.5	66.5	66.4	66.3	66.3	66.2	66.1	66.0	66.0	65.9
50%:	65.8	65.7	65.7	65.6	65.5	65.5	65.4	65.3	65.3	65.2
60%:	65.2	65.1	65.1	65.0	64.9	64.9	64.8	64.8	64.7	64.7
70%:	64.6	64.6	64.5	64.4	64.4	64.3	64.3	64.2	64.1	64.0
80%:	63.9	63.8	63.7	63.5	63.4	63.3	63.2	63.1	63.0	62.9
90%:	62.8	62.7	62.7	62.6	62.4	62.3	62.1	61.9	61.7	61.4
100%:	60.3									

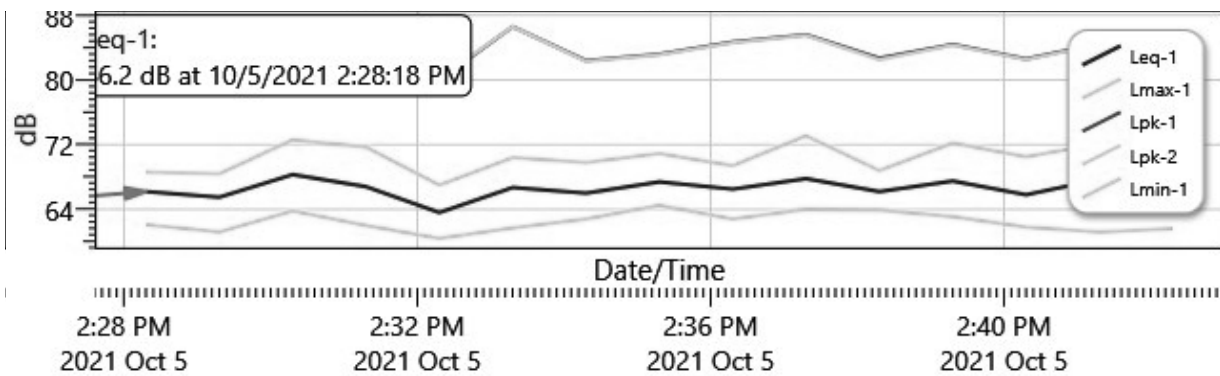
Exceedance Chart

S025_BIH050001_05102021_231626: Exceedance Chart



Logged Data Chart

S025_BIH050001_05102021_231626: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 2:28:18 PM	66.2	68.6	62.1	81.7
2:29:18 PM	65.5	68.4	61.2	82.3
2:30:18 PM	68.3	72.6	63.8	85.3
2:31:18 PM	66.8	71.7	62	87.3
2:32:18 PM	63.6	67	60.4	80

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:33:18 PM	66.7	70.4	61.7	86.6
2:34:18 PM	66	69.8	62.8	82.4
2:35:18 PM	67.4	70.9	64.5	83.2
2:36:18 PM	66.5	69.4	62.8	84.7
2:37:18 PM	67.8	73.1	64	85.6
2:38:18 PM	66.2	68.8	63.9	82.7
2:39:18 PM	67.5	72.2	63.1	84.4
2:40:18 PM	65.8	70.5	61.8	82.6
2:41:18 PM	67.7	72.1	61.2	84.5
2:42:18 PM	64.6	67.8	61.6	81

Session Report

10/6/2021

Information Panel

Name S043_BIF090005_05102021_211345
Start Time 10/5/2021 2:46:44 PM
Stop Time 10/5/2021 3:01:44 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 Top of Simulated wall 10-5-21 (3) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	77.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

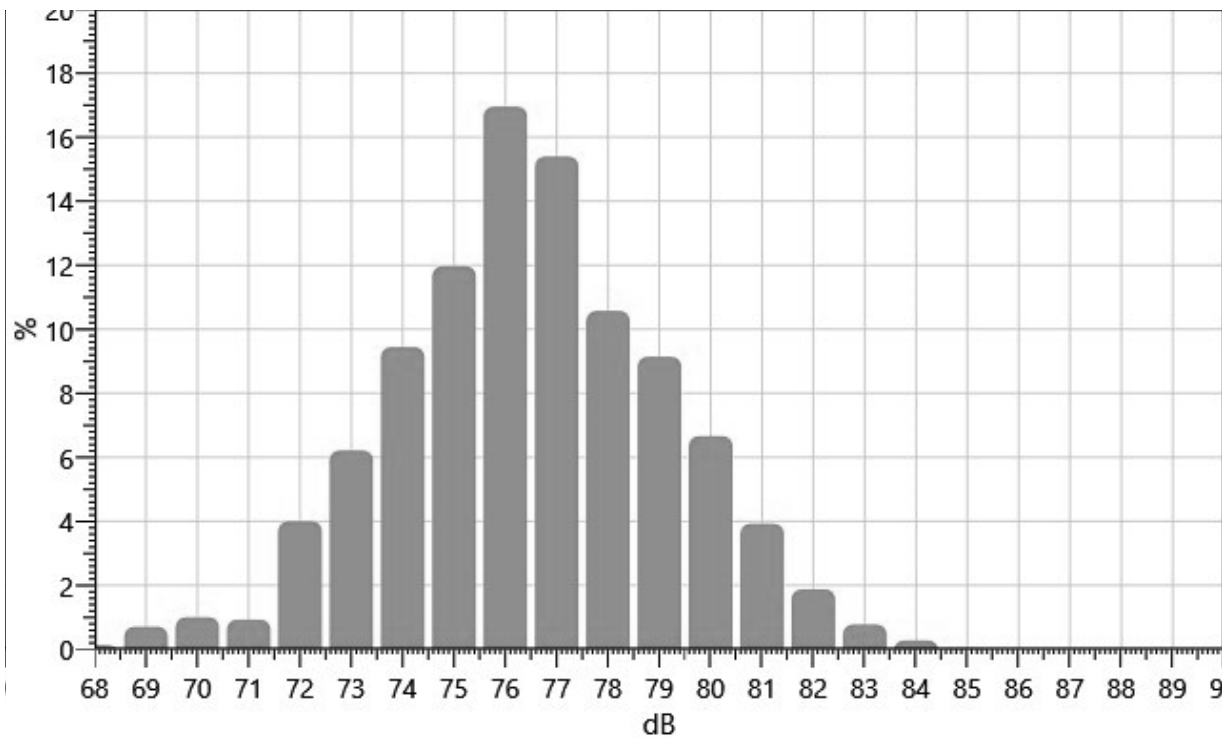
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
68:	0.00	0.00	0.00	0.00	0.02	0.02	0.01	0.01	0.01	0.06	0.13
69:	0.09	0.03	0.03	0.03	0.04	0.04	0.10	0.11	0.15	0.08	0.71
70:	0.11	0.12	0.09	0.08	0.12	0.09	0.16	0.10	0.06	0.09	1.00
71:	0.07	0.10	0.08	0.15	0.08	0.05	0.07	0.05	0.13	0.14	0.93
72:	0.28	0.54	0.39	0.37	0.46	0.44	0.36	0.44	0.36	0.35	4.00
73:	0.36	0.41	0.63	0.78	0.67	0.79	0.66	0.55	0.73	0.64	6.21
74:	0.88	1.16	0.55	0.75	0.83	1.00	0.92	1.10	1.17	1.09	9.44
75:	0.91	0.93	1.15	1.29	1.31	1.35	1.35	1.30	1.11	1.26	11.97
76:	1.49	1.40	1.43	1.57	1.94	1.70	1.60	2.04	1.87	1.90	16.95
77:	2.04	1.80	1.20	1.42	1.75	1.67	1.62	1.44	1.27	1.19	15.39
78:	1.07	1.08	1.13	1.06	1.07	1.16	1.19	0.83	1.03	0.96	10.57
79:	0.95	0.85	0.98	1.07	1.05	1.11	0.88	0.93	0.71	0.61	9.14
80:	0.68	0.96	0.76	0.71	0.74	0.61	0.63	0.56	0.50	0.51	6.66
81:	0.53	0.51	0.45	0.32	0.31	0.27	0.35	0.42	0.37	0.40	3.92

82:	0.31	0.26	0.22	0.16	0.14	0.13	0.13	0.14	0.17	0.23	1.88
83:	0.13	0.12	0.07	0.11	0.05	0.04	0.08	0.06	0.05	0.07	0.78
84:	0.02	0.02	0.03	0.02	0.03	0.06	0.05	0.01	0.02	0.02	0.28
85:	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

Statistics Chart

S043_BIF090005_05102021_211345: Statistics Chart

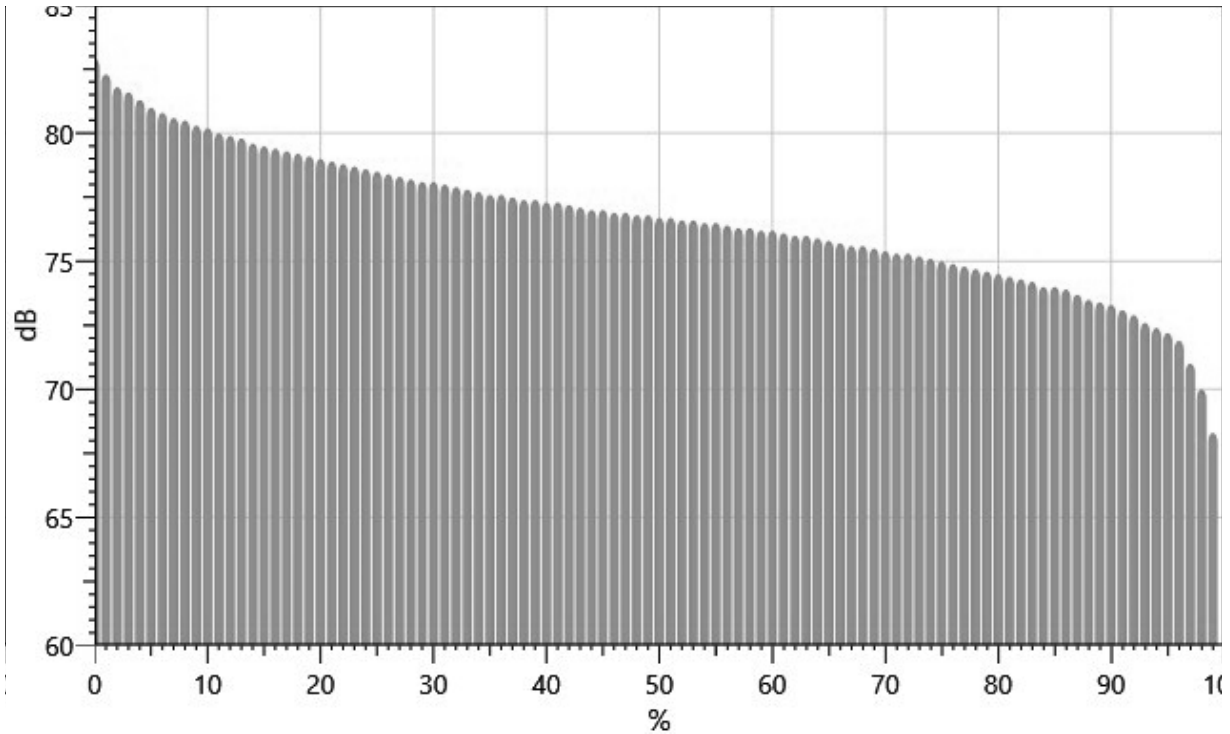


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		82.9	82.3	81.8	81.6	81.3	81.0	80.8	80.6	80.5
10%:	80.3	80.2	80.0	79.9	79.8	79.6	79.5	79.4	79.3	79.2
20%:	79.1	79.0	78.9	78.8	78.7	78.6	78.5	78.4	78.3	78.2
30%:	78.1	78.1	78.0	77.9	77.8	77.7	77.6	77.6	77.5	77.4
40%:	77.4	77.3	77.3	77.2	77.1	77.0	77.0	76.9	76.9	76.8
50%:	76.8	76.7	76.7	76.6	76.6	76.5	76.5	76.4	76.3	76.3
60%:	76.2	76.2	76.1	76.0	76.0	75.9	75.8	75.7	75.6	75.6
70%:	75.5	75.4	75.3	75.3	75.2	75.1	75.0	74.9	74.8	74.7
80%:	74.6	74.5	74.4	74.3	74.2	74.0	74.0	73.9	73.7	73.5
90%:	73.4	73.3	73.1	72.9	72.6	72.4	72.2	71.9	71.0	70.0
100%:	68.3									

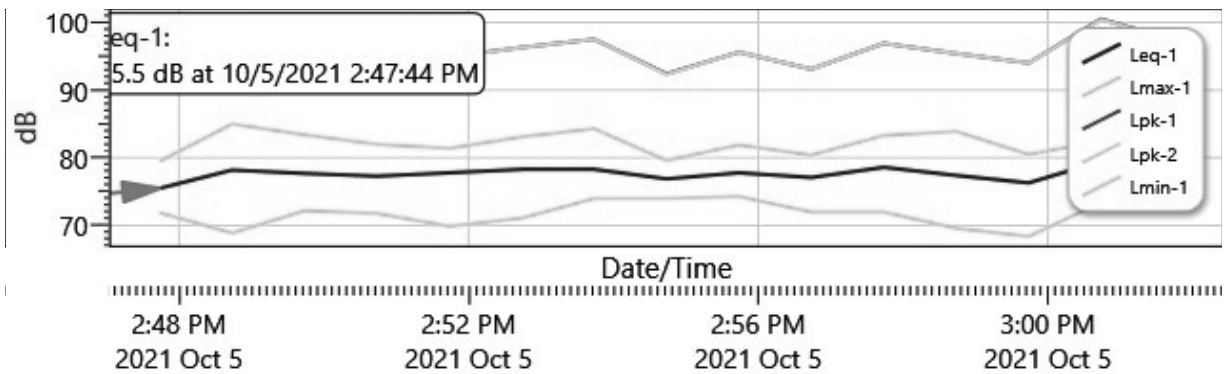
Exceedance Chart

S043_BIF090005_05102021_211345: Exceedance Chart



Logged Data Chart

S043_BIF090005_05102021_211345: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 2:47:44 PM	75.5	79.5	71.9	92.6
2:48:44 PM	78.2	85	68.9	97.2
2:49:44 PM	77.7	83.4	72.2	96.4
2:50:44 PM	77.3	82	71.8	96
2:51:44 PM	77.8	81.4	69.9	94.9

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:52:44 PM	78.3	83.1	71.1	96.3
2:53:44 PM	78.3	84.3	74	97.5
2:54:44 PM	76.9	79.6	74	92.4
2:55:44 PM	77.8	81.9	74.3	95.6
2:56:44 PM	77.1	80.4	72	93.1
2:57:44 PM	78.6	83.3	72	96.9
2:58:44 PM	77.4	83.9	69.6	95.4
2:59:44 PM	76.3	80.5	68.4	94
3:00:44 PM	79.5	82.5	73.4	100.5
3:01:44 PM	77.9	81.4	73.1	97.4

Session Report

10/6/2021

Information Panel

Name S043_BIF090003_05102021_215125
Start Time 10/5/2021 2:46:51 PM
Stop Time 10/5/2021 3:01:51 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5' from simulated wall 10-5-21 (3) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	76.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

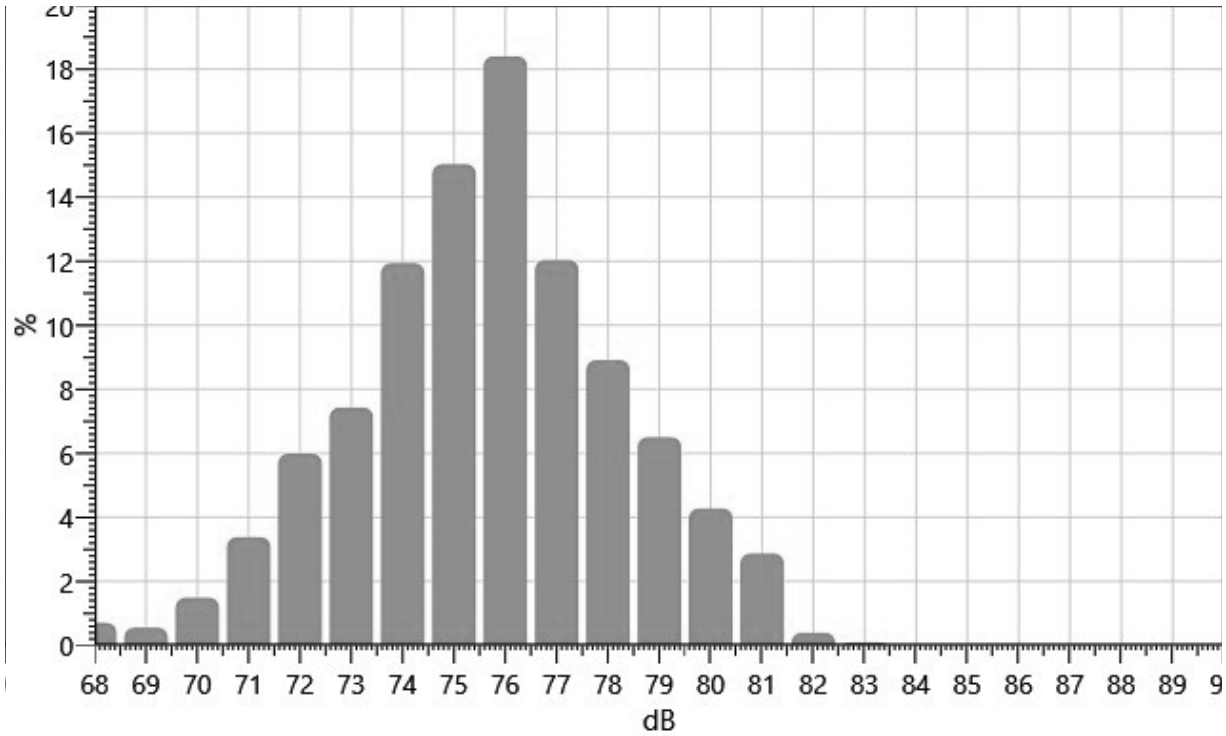
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
68:	0.01	0.02	0.05	0.08	0.07	0.08	0.09	0.08	0.10	0.13	0.70
69:	0.07	0.08	0.06	0.05	0.05	0.05	0.04	0.05	0.04	0.07	0.55
70:	0.06	0.05	0.07	0.15	0.16	0.18	0.20	0.16	0.18	0.27	1.49
71:	0.16	0.13	0.18	0.37	0.35	0.42	0.40	0.43	0.39	0.56	3.38
72:	0.62	0.66	0.75	0.81	0.57	0.59	0.47	0.48	0.54	0.52	5.99
73:	0.48	0.55	0.64	0.61	0.53	0.59	0.88	1.12	1.03	1.00	7.43
74:	1.23	1.37	0.79	1.10	1.28	1.47	1.14	1.07	1.24	1.26	11.93
75:	1.39	1.56	1.49	1.64	1.42	1.38	1.42	1.58	1.59	1.56	15.03
76:	2.10	2.01	1.96	1.95	1.99	1.70	1.92	1.62	1.68	1.47	18.40
77:	1.55	1.84	1.08	1.50	1.43	0.97	0.98	0.85	0.88	0.96	12.03
78:	0.99	1.13	0.93	0.89	1.00	0.94	0.81	0.89	0.73	0.60	8.91
79:	0.70	0.75	0.59	0.81	0.77	0.55	0.55	0.51	0.60	0.67	6.50
80:	0.68	0.56	0.34	0.40	0.40	0.45	0.47	0.39	0.33	0.25	4.28
81:	0.35	0.51	0.44	0.60	0.30	0.24	0.22	0.12	0.07	0.02	2.87

82:	0.06	0.05	0.05	0.02	0.03	0.01	0.01	0.04	0.07	0.07	0.40
83:	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10

Statistics Chart

S043_BIF090003_05102021_215125: Statistics Chart

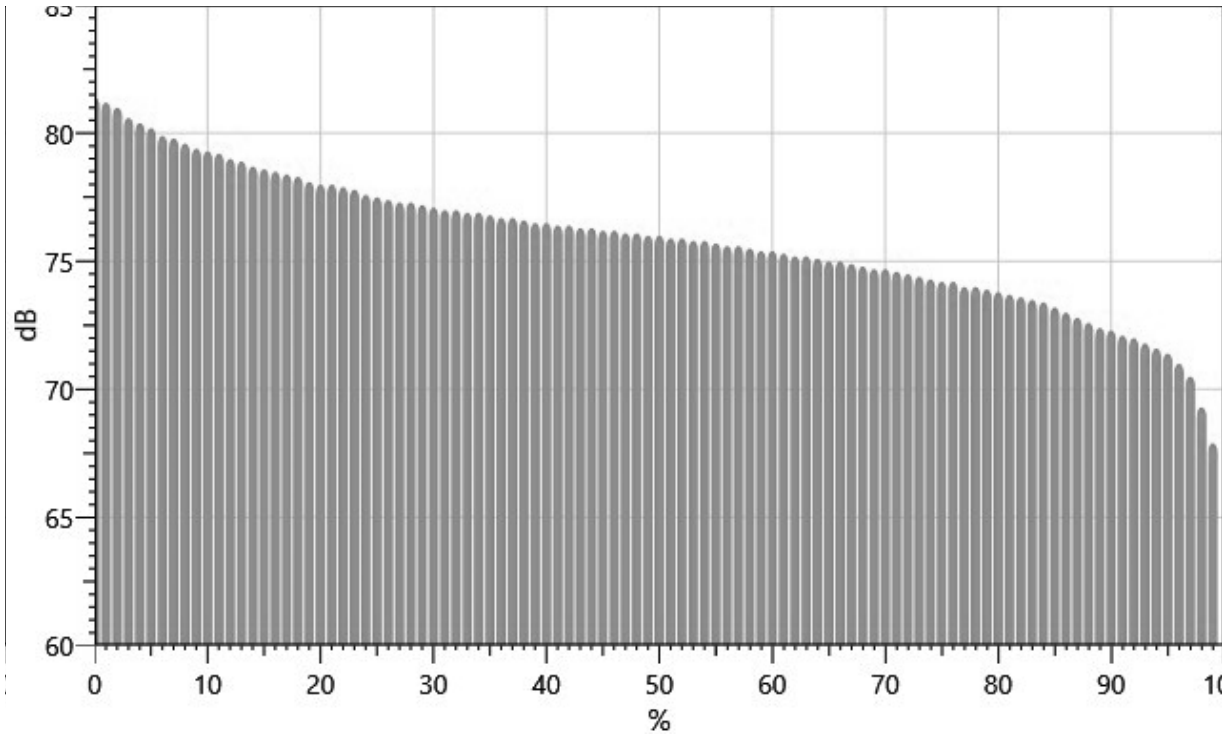


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		81.4	81.2	81.0	80.6	80.4	80.2	79.9	79.8	79.6
10%:	79.4	79.3	79.2	79.0	78.9	78.7	78.6	78.5	78.4	78.3
20%:	78.1	78.0	78.0	77.9	77.8	77.6	77.5	77.4	77.3	77.3
30%:	77.2	77.1	77.0	77.0	76.9	76.9	76.8	76.7	76.7	76.6
40%:	76.5	76.5	76.4	76.4	76.3	76.3	76.2	76.2	76.1	76.1
50%:	76.0	76.0	75.9	75.9	75.8	75.8	75.7	75.6	75.6	75.5
60%:	75.4	75.4	75.3	75.2	75.2	75.1	75.0	75.0	74.9	74.8
70%:	74.7	74.7	74.6	74.5	74.4	74.3	74.2	74.2	74.0	74.0
80%:	73.9	73.8	73.7	73.6	73.5	73.4	73.2	73.0	72.8	72.6
90%:	72.4	72.3	72.1	72.0	71.8	71.6	71.4	71.0	70.5	69.3
100%:	67.9									

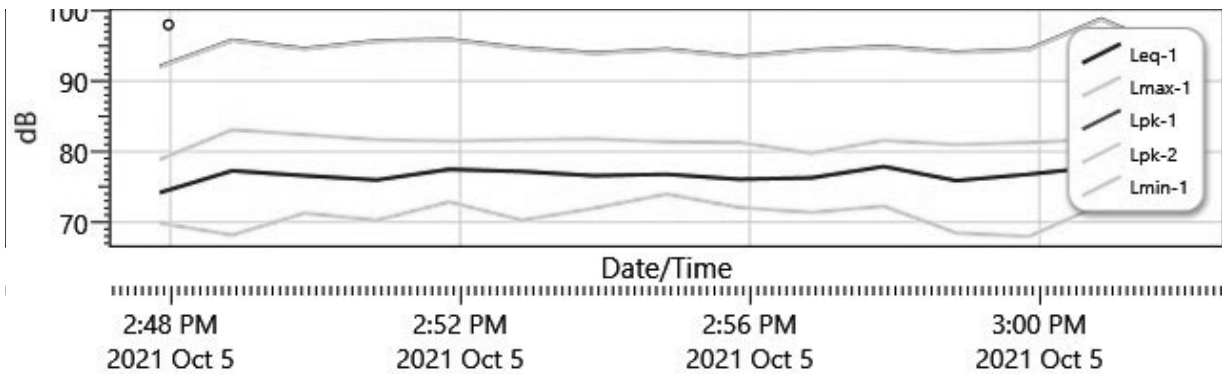
Exceedance Chart

S043_BIF090003_05102021_215125: Exceedance Chart



Logged Data Chart

S043_BIF090003_05102021_215125: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 2:47:51 PM	74.2	78.9	69.9	92.1
2:48:51 PM	77.3	83.1	68.2	95.8
2:49:51 PM	76.6	82.4	71.3	94.6
2:50:51 PM	76	81.7	70.3	95.7
2:51:51 PM	77.5	81.5	72.9	95.9

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:52:51 PM	77.2	81.7	70.3	94.7
2:53:51 PM	76.6	81.8	72	94
2:54:51 PM	76.8	81.4	74	94.5
2:55:51 PM	76.1	81.3	72.1	93.5
2:56:51 PM	76.3	79.8	71.4	94.4
2:57:51 PM	77.9	81.6	72.3	94.9
2:58:51 PM	75.9	81	68.5	94.1
2:59:51 PM	76.8	81.3	68	94.5
3:00:51 PM	77.9	81.8	72.5	98.8
3:01:51 PM	77.8	81	73.2	94.5

Session Report

10/6/2021

Information Panel

Name S070_BIG080015_05102021_224102
Start Time 10/5/2021 2:46:39 PM
Stop Time 10/5/2021 3:01:39 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 25' from Simulated wall 10-5-21 (3) afternoon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	75 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

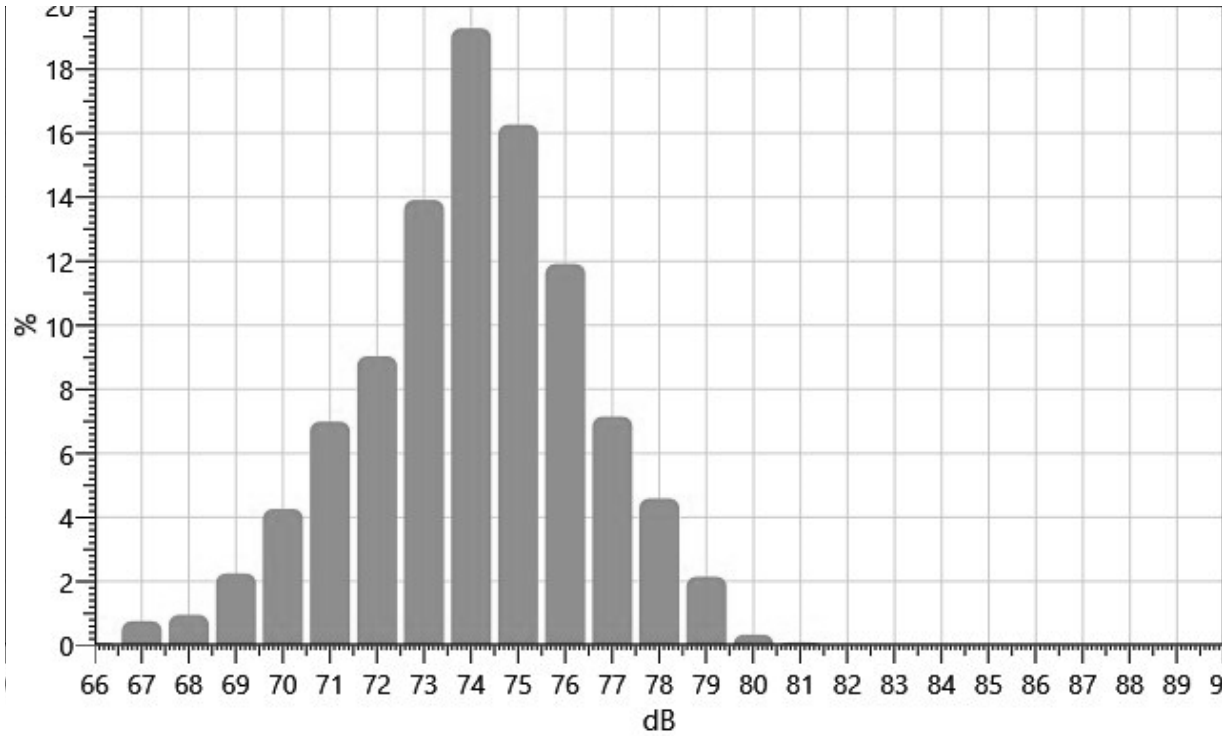
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
66:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.08
67:	0.02	0.08	0.04	0.03	0.04	0.09	0.10	0.09	0.15	0.13	0.76
68:	0.11	0.18	0.11	0.07	0.04	0.05	0.09	0.13	0.08	0.09	0.95
69:	0.08	0.07	0.13	0.15	0.22	0.23	0.37	0.39	0.29	0.33	2.25
70:	0.28	0.23	0.33	0.35	0.28	0.40	0.45	0.61	0.66	0.68	4.26
71:	0.82	0.93	0.49	0.78	0.74	0.56	0.71	0.65	0.73	0.57	6.99
72:	0.76	0.81	0.86	0.87	0.82	0.87	0.93	0.91	1.01	1.19	9.03
73:	1.15	1.08	1.35	1.25	1.15	1.34	1.61	1.49	1.59	1.90	13.91
74:	2.36	2.28	1.55	2.38	2.25	1.89	1.80	1.70	1.48	1.58	19.28
75:	1.69	1.85	1.70	1.77	1.63	1.57	1.80	1.46	1.34	1.46	16.27
76:	1.29	1.32	1.11	0.91	0.93	1.22	1.30	1.26	1.26	1.31	11.91
77:	1.09	0.88	0.51	0.85	0.70	0.78	0.71	0.50	0.56	0.57	7.15
78:	0.61	0.60	0.59	0.47	0.57	0.41	0.33	0.30	0.34	0.36	4.59
79:	0.49	0.32	0.39	0.30	0.12	0.21	0.09	0.08	0.08	0.05	2.15

80:	0.07	0.02	0.02	0.02	0.02	0.01	0.04	0.07	0.03	0.04	0.34
81:	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09

Statistics Chart

S070_BIG080015_05102021_224102: Statistics Chart

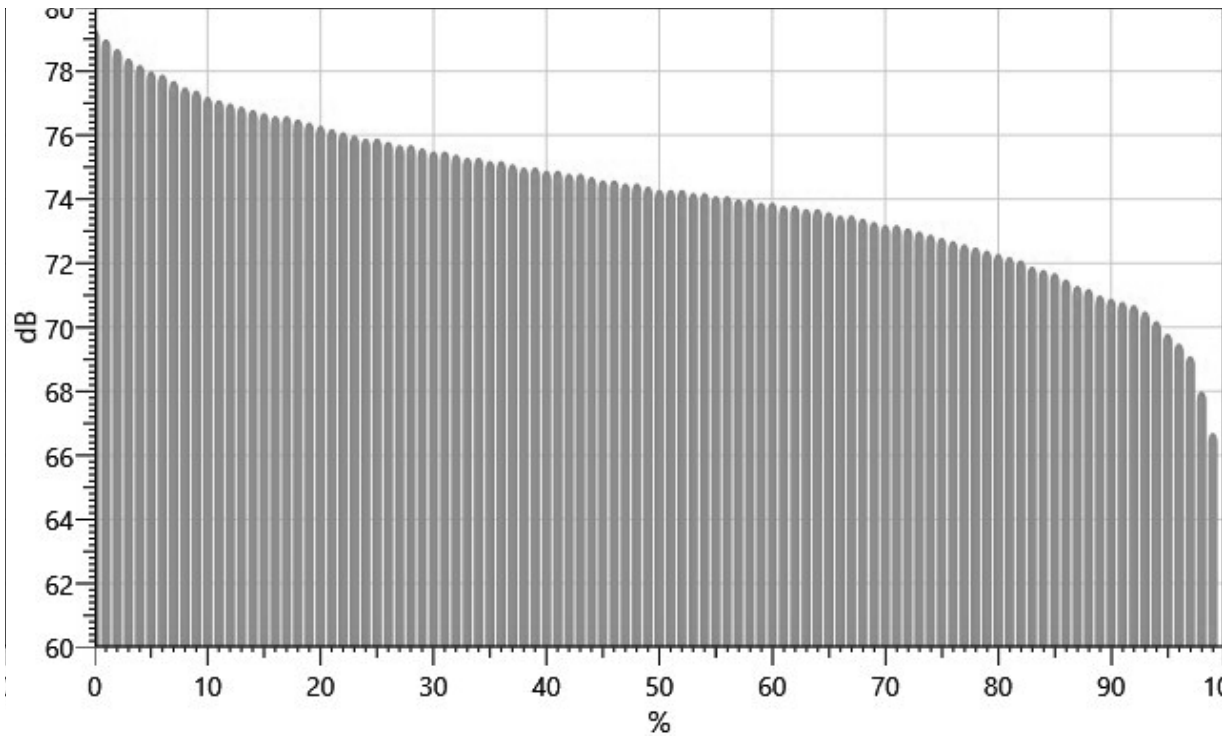


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		79.3	79.0	78.7	78.4	78.2	78.0	77.9	77.7	77.5
10%:	77.4	77.2	77.1	77.0	76.9	76.8	76.7	76.6	76.6	76.5
20%:	76.4	76.3	76.2	76.1	76.0	75.9	75.9	75.8	75.7	75.7
30%:	75.6	75.5	75.5	75.4	75.3	75.3	75.2	75.2	75.1	75.0
40%:	75.0	74.9	74.9	74.8	74.8	74.7	74.6	74.6	74.5	74.5
50%:	74.4	74.3	74.3	74.3	74.2	74.2	74.1	74.1	74.0	74.0
60%:	73.9	73.9	73.8	73.8	73.7	73.7	73.6	73.5	73.5	73.4
70%:	73.3	73.2	73.2	73.1	73.0	72.9	72.8	72.7	72.6	72.5
80%:	72.4	72.3	72.2	72.1	71.9	71.8	71.7	71.5	71.3	71.2
90%:	71.0	70.9	70.8	70.7	70.5	70.2	69.8	69.5	69.1	68.0
100%:	66.7									

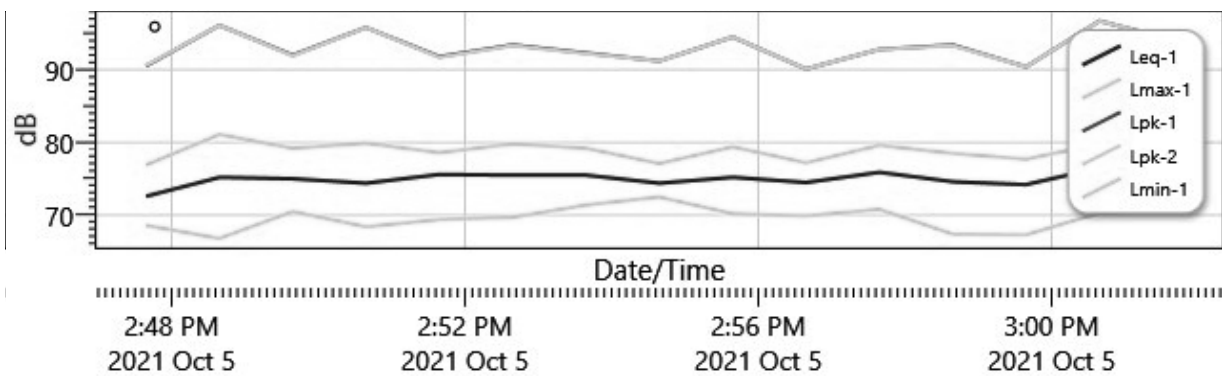
Exceedance Chart

S070_BIG080015_05102021_224102: Exceedance Chart



Logged Data Chart

S070_BIG080015_05102021_224102: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 2:47:39 PM	72.6	76.9	68.6	90.5
2:48:39 PM	75.2	81.1	66.8	96.1
2:49:39 PM	75	79.2	70.5	92
2:50:39 PM	74.4	79.9	68.4	95.8
2:51:39 PM	75.6	78.6	69.4	91.8

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:52:39 PM	75.5	79.8	69.7	93.4
2:53:39 PM	75.5	79.2	71.4	92.3
2:54:39 PM	74.4	77.1	72.5	91.2
2:55:39 PM	75.2	79.4	70.2	94.5
2:56:39 PM	74.5	77.2	69.9	90.1
2:57:39 PM	75.9	79.6	70.8	92.8
2:58:39 PM	74.6	78.5	67.4	93.4
2:59:39 PM	74.2	77.7	67.3	90.4
3:00:39 PM	76.5	79.8	70.3	96.7
3:01:39 PM	75.5	78.6	70.9	94.1

Session Report

10/6/2021

Information Panel

Name S026_BIH050001_05102021_231627
Start Time 10/5/2021 2:46:42 PM
Stop Time 10/5/2021 3:01:42 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 50' from Simulated wall 10-5-21 (3) afternoon

Summary Data Panel

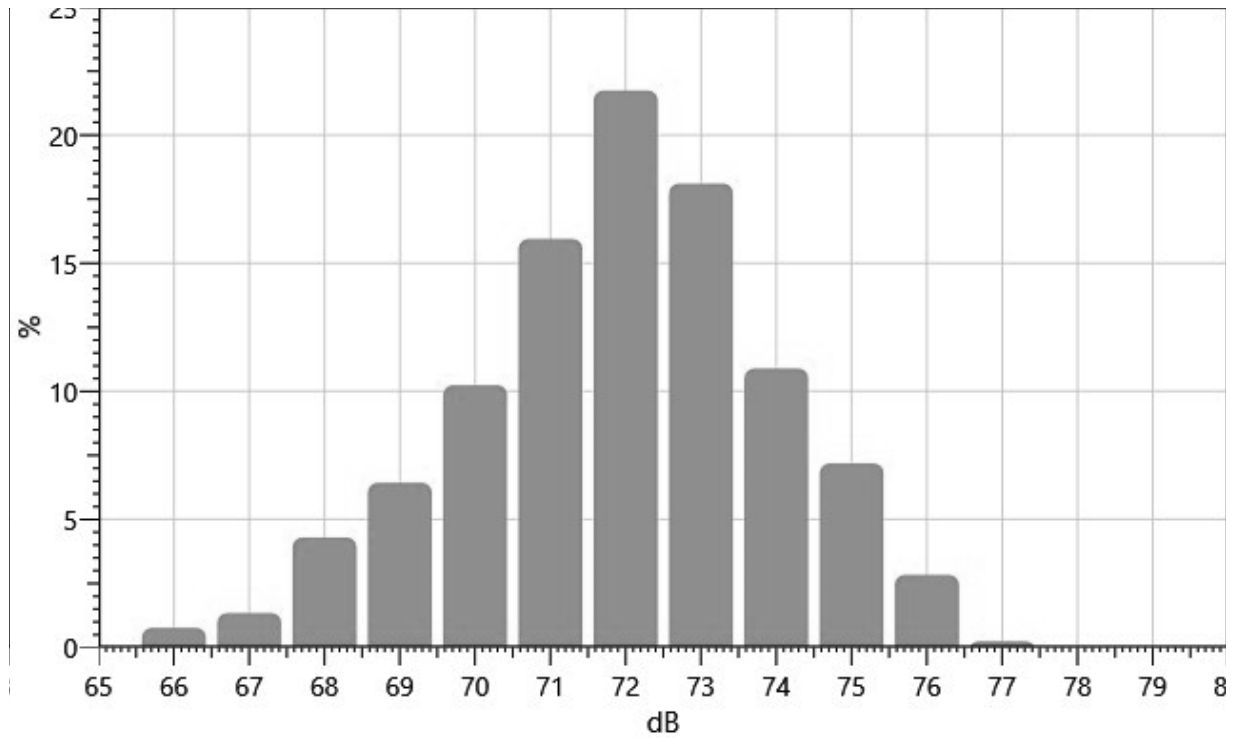
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	72.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
65:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66:	0.06	0.08	0.11	0.11	0.04	0.05	0.07	0.06	0.10	0.08	0.76
67:	0.07	0.08	0.16	0.20	0.14	0.07	0.08	0.13	0.18	0.22	1.34
68:	0.17	0.27	0.13	0.27	0.36	0.49	0.40	0.63	0.81	0.76	4.29
69:	0.72	0.59	0.44	0.48	0.56	0.61	0.62	0.78	0.74	0.89	6.43
70:	0.71	0.63	0.76	0.88	0.87	1.07	1.43	1.26	1.37	1.27	10.24
71:	1.14	1.68	1.06	1.57	1.74	1.86	1.61	1.54	1.69	2.05	15.94
72:	2.10	2.19	2.56	1.89	1.75	2.14	2.61	2.38	1.95	2.18	21.74
73:	2.51	1.98	2.19	1.80	1.74	1.48	1.45	1.64	1.71	1.60	18.11
74:	1.33	1.27	0.97	1.26	1.24	1.19	0.84	0.85	0.95	1.00	10.89
75:	0.94	0.73	0.65	0.77	0.81	0.72	0.66	0.68	0.61	0.62	7.18
76:	0.52	0.43	0.32	0.24	0.19	0.30	0.21	0.18	0.23	0.21	2.83
77:	0.15	0.04	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.24

Statistics Chart

S026_BIH050001_05102021_231627: Statistics Chart

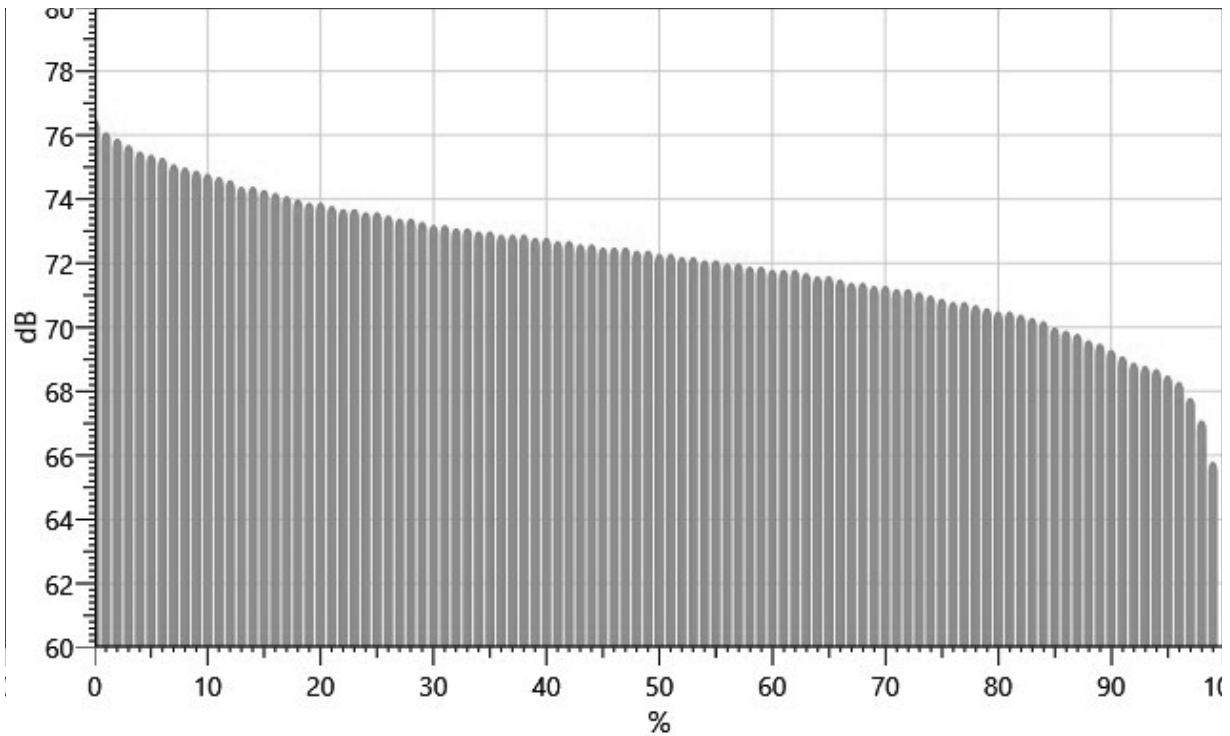


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		76.5	76.1	75.9	75.7	75.5	75.4	75.3	75.1	75.0
10%:	74.9	74.8	74.7	74.6	74.4	74.4	74.3	74.2	74.1	74.0
20%:	73.9	73.9	73.8	73.7	73.7	73.6	73.6	73.5	73.4	73.4
30%:	73.3	73.2	73.2	73.1	73.1	73.0	73.0	72.9	72.9	72.9
40%:	72.8	72.8	72.7	72.7	72.6	72.6	72.5	72.5	72.5	72.4
50%:	72.4	72.3	72.3	72.2	72.2	72.1	72.1	72.0	72.0	71.9
60%:	71.9	71.8	71.8	71.8	71.7	71.6	71.6	71.5	71.4	71.4
70%:	71.3	71.3	71.2	71.2	71.1	71.0	70.9	70.8	70.8	70.7
80%:	70.6	70.5	70.5	70.4	70.3	70.2	70.0	69.9	69.8	69.6
90%:	69.5	69.3	69.1	68.9	68.8	68.7	68.5	68.3	67.8	67.1
100%:	65.8									

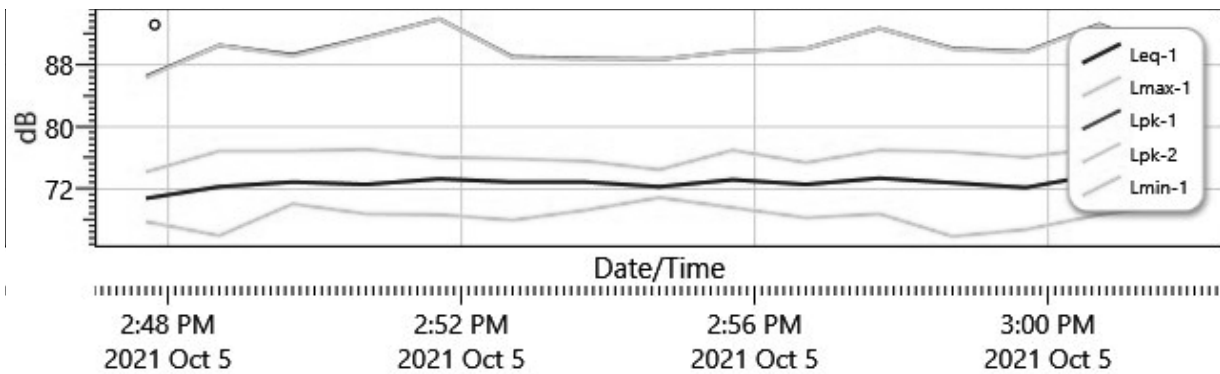
Exceedance Chart

S026_BIH050001_05102021_231627: Exceedance Chart



Logged Data Chart

S026_BIH050001_05102021_231627: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10/5/2021 2:47:42 PM	70.8	74.2	67.8	86.5
2:48:42 PM	72.3	76.9	66	90.5
2:49:42 PM	72.9	76.9	70.1	89.3
2:50:42 PM	72.6	77.1	68.8	91.5
2:51:42 PM	73.3	76.1	68.7	93.9

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
2:52:42 PM	72.9	75.9	68	89
2:53:42 PM	72.9	75.6	69.3	88.8
2:54:42 PM	72.3	74.5	70.9	88.7
2:55:42 PM	73.2	77	69.6	89.7
2:56:42 PM	72.6	75.4	68.3	90.1
2:57:42 PM	73.4	77	68.8	92.7
2:58:42 PM	72.8	76.8	65.9	90.1
2:59:42 PM	72.2	76.1	66.8	89.7
3:00:42 PM	73.9	77.3	68.7	93.2
3:01:42 PM	73.1	76	70	89.5

Session Report

8/26/2021

Information Panel

Name S022_BIF090005_26082021_130526
Start Time 8/24/2021 9:12:33 AM
Stop Time 8/24/2021 9:27:33 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 TOW - Vinyl-Elmsmere-a.m. reading

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	83.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

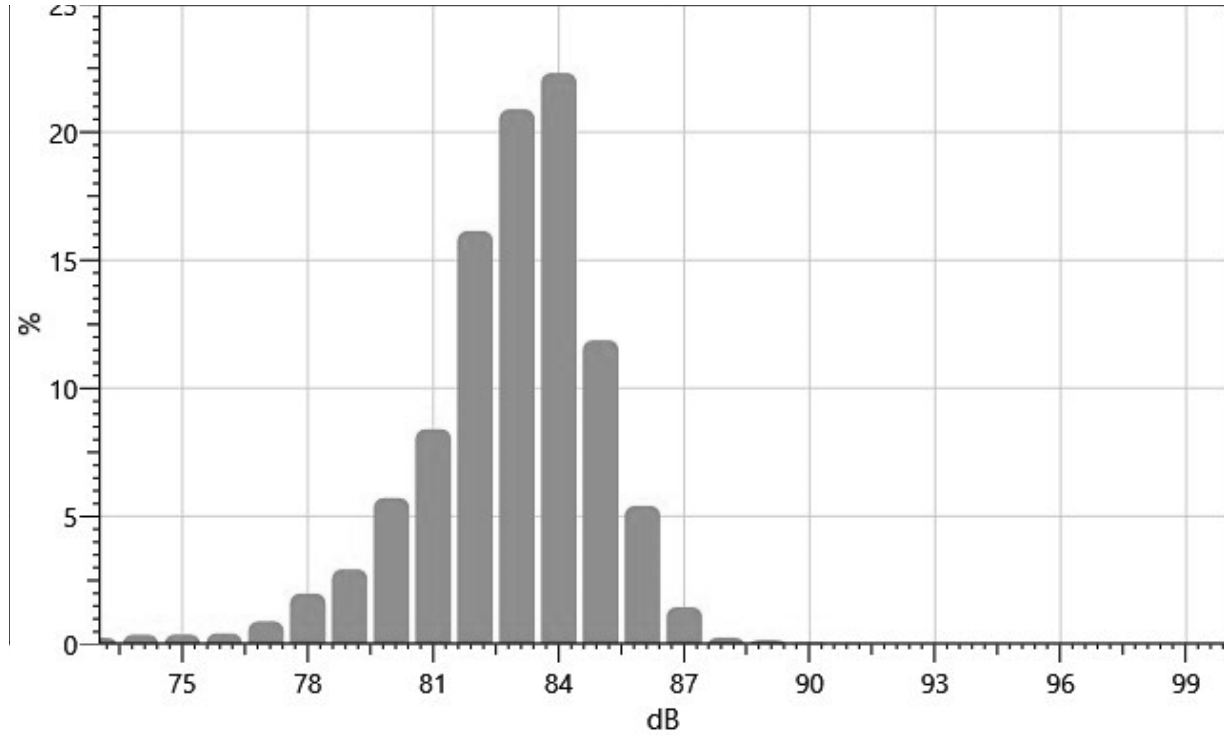
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
73:	0.00	0.00	0.00	0.00	0.00	0.03	0.07	0.06	0.05	0.04	0.26
74:	0.02	0.02	0.01	0.02	0.09	0.04	0.04	0.05	0.05	0.03	0.38
75:	0.03	0.03	0.03	0.02	0.02	0.02	0.04	0.09	0.06	0.05	0.39
76:	0.05	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.07	0.07	0.43
77:	0.06	0.05	0.09	0.07	0.06	0.06	0.07	0.15	0.14	0.16	0.90
78:	0.15	0.15	0.18	0.07	0.14	0.20	0.23	0.40	0.25	0.22	1.98
79:	0.31	0.22	0.22	0.23	0.21	0.28	0.32	0.33	0.32	0.51	2.93
80:	0.51	0.47	0.48	0.49	0.42	0.43	0.51	0.80	0.84	0.77	5.71
81:	0.81	0.93	0.85	0.48	0.76	0.85	1.08	0.78	0.90	0.97	8.40
82:	1.23	1.27	1.32	1.56	1.57	1.65	1.49	1.91	1.97	2.16	16.14
83:	1.99	2.14	2.06	2.13	1.97	1.90	1.95	2.03	2.20	2.52	20.89
84:	2.69	3.03	2.72	1.81	2.35	2.19	2.15	1.94	1.96	1.48	22.31
85:	1.42	1.36	1.53	1.49	1.22	1.22	1.17	0.81	0.91	0.74	11.88
86:	0.65	0.65	0.66	0.65	0.59	0.47	0.39	0.43	0.44	0.47	5.41

87:	0.32	0.27	0.21	0.14	0.16	0.10	0.08	0.11	0.03	0.03	1.45
88:	0.03	0.04	0.06	0.03	0.04	0.02	0.01	0.01	0.02	0.01	0.27
89:	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.05	0.01	0.01	0.16
90:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06
91:	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.04

Statistics Chart

S022_BIF090005_26082021_130526: Statistics Chart



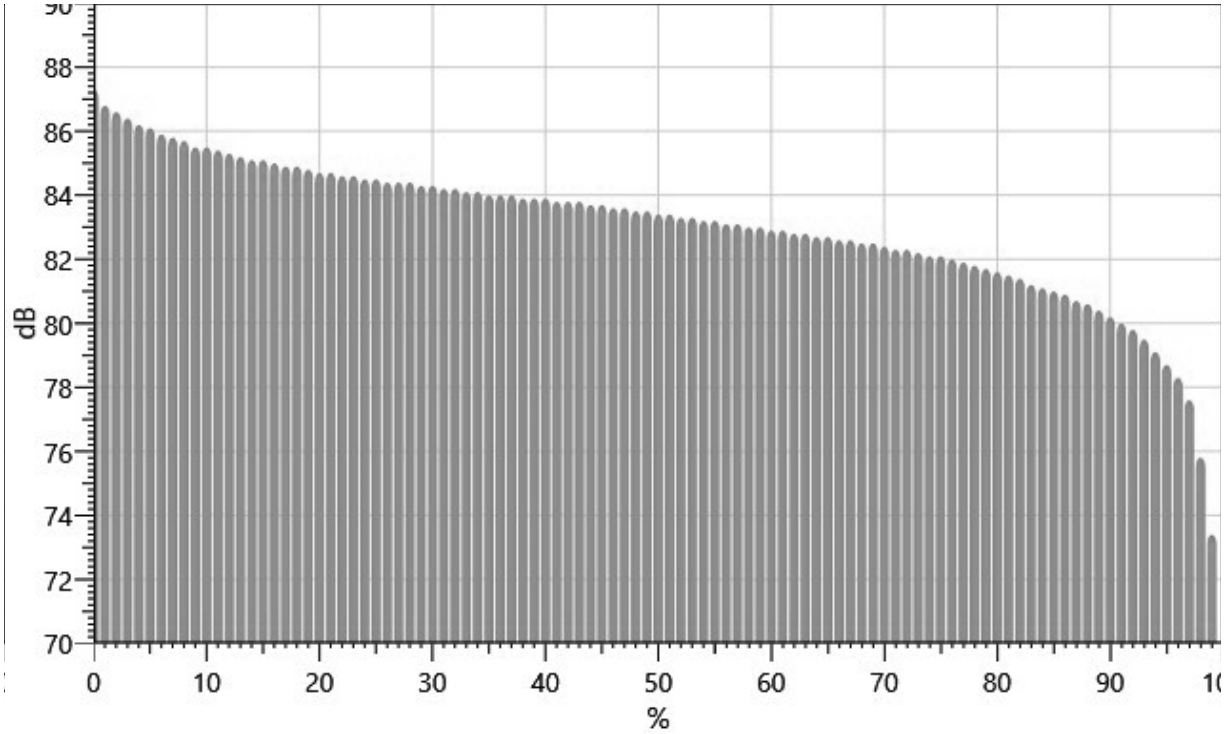
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		87.3	86.8	86.6	86.4	86.2	86.1	85.9	85.8	85.7
10%:	85.5	85.5	85.4	85.3	85.2	85.1	85.1	85.0	84.9	84.9
20%:	84.8	84.7	84.7	84.6	84.6	84.5	84.5	84.4	84.4	84.4
30%:	84.3	84.3	84.2	84.2	84.1	84.1	84.0	84.0	84.0	83.9
40%:	83.9	83.9	83.8	83.8	83.8	83.7	83.7	83.6	83.6	83.5
50%:	83.5	83.4	83.4	83.3	83.3	83.2	83.2	83.1	83.1	83.0
60%:	83.0	82.9	82.9	82.8	82.8	82.7	82.7	82.6	82.6	82.5
70%:	82.5	82.4	82.3	82.3	82.2	82.1	82.1	82.0	81.9	81.8
80%:	81.7	81.6	81.5	81.4	81.2	81.1	81.0	80.9	80.7	80.6
90%:	80.4	80.2	80.0	79.8	79.5	79.1	78.7	78.3	77.6	75.8

100%: 73.4

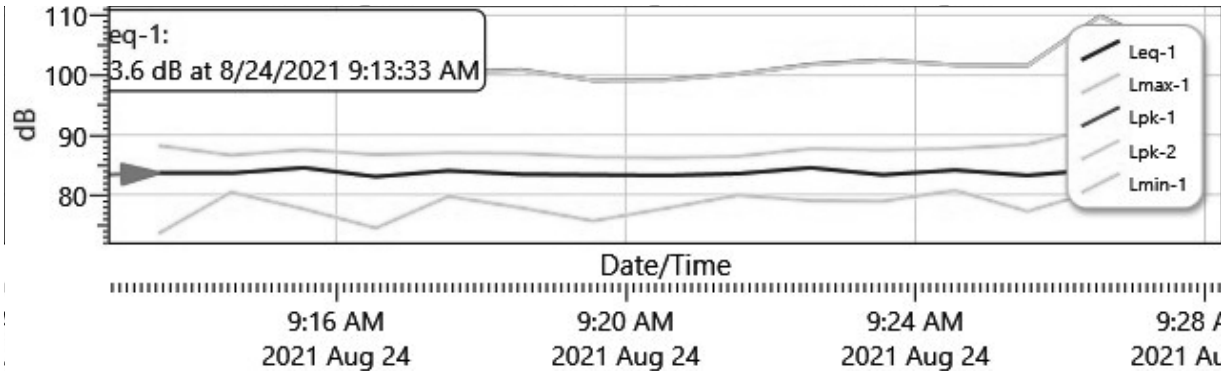
Exceedance Chart

S022_BIF090005_26082021_130526: Exceedance Chart



Logged Data Chart

S022_BIF090005_26082021_130526: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 9:13:33 AM	83.6	88.2	73.5	102.8
9:14:33 AM	83.6	86.6	80.4	99.9
9:15:33 AM	84.5	87.5	77.6	101.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:16:33 AM	83	86.7	74.4	99.9
9:17:33 AM	84	87	79.7	100.4
9:18:33 AM	83.4	86.9	77.8	100.9
9:19:33 AM	83.3	86.3	75.6	99.1
9:20:33 AM	83.2	86.2	77.7	99.2
9:21:33 AM	83.5	86.4	79.9	100.2
9:22:33 AM	84.5	87.7	79	101.8
9:23:33 AM	83.3	87.5	78.9	102.5
9:24:33 AM	84.1	87.7	80.7	101.7
9:25:33 AM	83.2	88.4	77.2	101.6
9:26:33 AM	84.2	91.3	80.8	109.9
9:27:33 AM	84.5	91.3	78.7	104.4

Session Report

8/26/2021

Information Panel

Name S022_BIF090003_26082021_144843
Start Time 8/24/2021 9:12:32 AM
Stop Time 8/24/2021 9:27:32 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter2_5'_Vinyl_8-24_Elmsmere-a.m.

Summary Data Panel

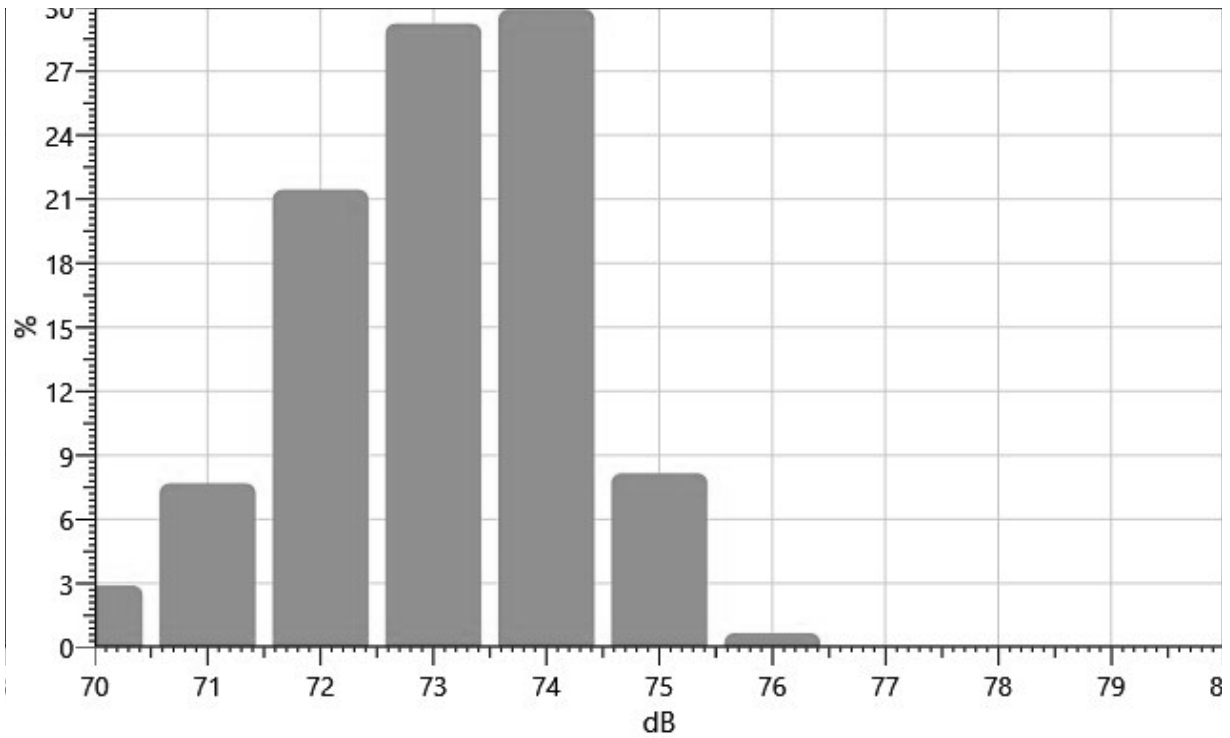
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	73.6 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
70:	0.00	0.08	0.26	0.21	0.29	0.43	0.42	0.25	0.56	0.40	2.90
71:	0.36	0.40	0.49	0.75	0.61	0.75	0.72	0.92	1.34	1.34	7.69
72:	1.48	1.20	1.92	2.51	2.43	2.37	2.32	2.43	2.26	2.52	21.45
73:	2.62	3.56	3.12	3.26	3.22	3.40	2.32	2.48	2.33	2.92	29.23
74:	2.83	2.97	1.73	2.46	3.36	3.42	3.29	2.85	3.63	3.36	29.89
75:	1.76	1.56	1.06	0.66	0.66	0.45	0.37	0.56	0.68	0.39	8.16
76:	0.34	0.14	0.02	0.04	0.03	0.05	0.03	0.01	0.01	0.01	0.67
77:	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

Statistics Chart

S022_BIF090003_26082021_144843: Statistics Chart

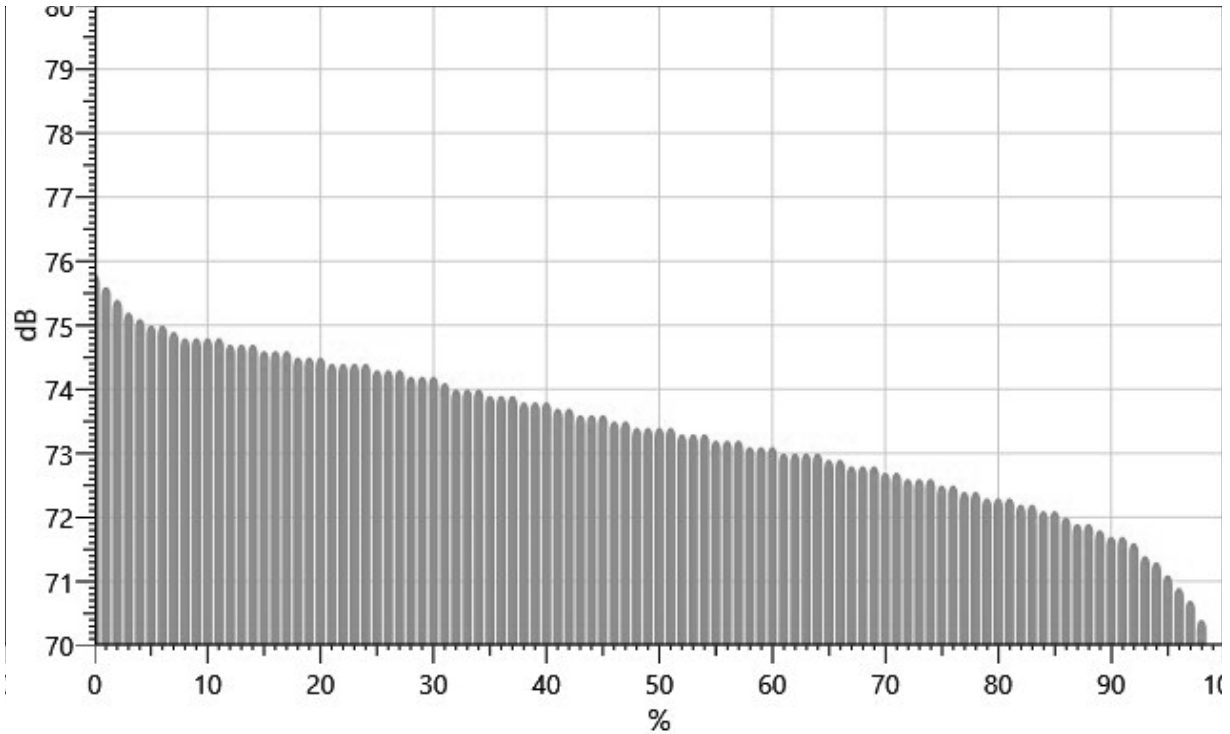


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		75.8	75.6	75.4	75.2	75.1	75.0	75.0	74.9	74.8
10%:	74.8	74.8	74.8	74.7	74.7	74.7	74.6	74.6	74.6	74.5
20%:	74.5	74.5	74.4	74.4	74.4	74.4	74.3	74.3	74.3	74.2
30%:	74.2	74.2	74.1	74.0	74.0	74.0	73.9	73.9	73.9	73.8
40%:	73.8	73.8	73.7	73.7	73.6	73.6	73.6	73.5	73.5	73.4
50%:	73.4	73.4	73.4	73.3	73.3	73.3	73.2	73.2	73.2	73.1
60%:	73.1	73.1	73.0	73.0	73.0	73.0	72.9	72.9	72.8	72.8
70%:	72.8	72.7	72.7	72.6	72.6	72.6	72.5	72.5	72.4	72.4
80%:	72.3	72.3	72.3	72.2	72.2	72.1	72.1	72.0	71.9	71.9
90%:	71.8	71.7	71.7	71.6	71.4	71.3	71.1	70.9	70.7	70.4
100%:	70.0									

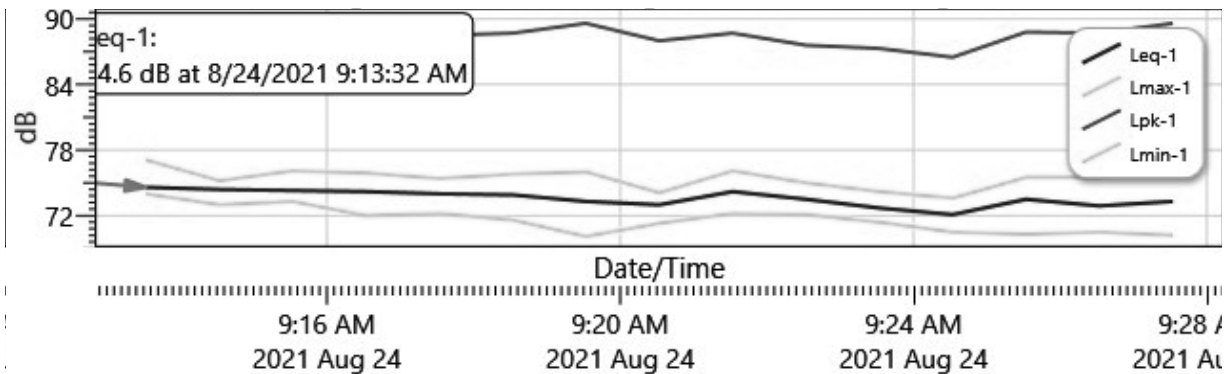
Exceedance Chart

S022_BIF090003_26082021_144843: Exceedance Chart



Logged Data Chart

S022_BIF090003_26082021_144843: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 9:13:32 AM	74.6	77.1	74	88.2
9:14:32 AM	74.4	75.2	73	89.2
9:15:32 AM	74.3	76.1	73.3	89.1
9:16:32 AM	74.2	75.9	72	90
9:17:32 AM	74	75.4	72.2	88.5

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:18:32 AM	73.9	75.8	71.6	88.7
9:19:32 AM	73.3	76	70.1	89.6
9:20:32 AM	73	74.1	71.3	88
9:21:32 AM	74.2	76.1	72.2	88.7
9:22:32 AM	73.5	75	72.1	87.6
9:23:32 AM	72.7	74.2	71.4	87.3
9:24:32 AM	72.1	73.6	70.5	86.5
9:25:32 AM	73.5	75.5	70.3	88.8
9:26:32 AM	72.9	75.5	70.5	88.7
9:27:32 AM	73.3	76.6	70.2	89.6

Session Report

8/26/2021

Information Panel

Name S049_BIG080015_26082021_160010
Start Time 8/24/2021 9:12:28 AM
Stop Time 8/24/2021 9:27:28 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter3_50' from Vinyl wall_Elmsmere_8-24_a.m. - Cicada noise present.

Summary Data Panel

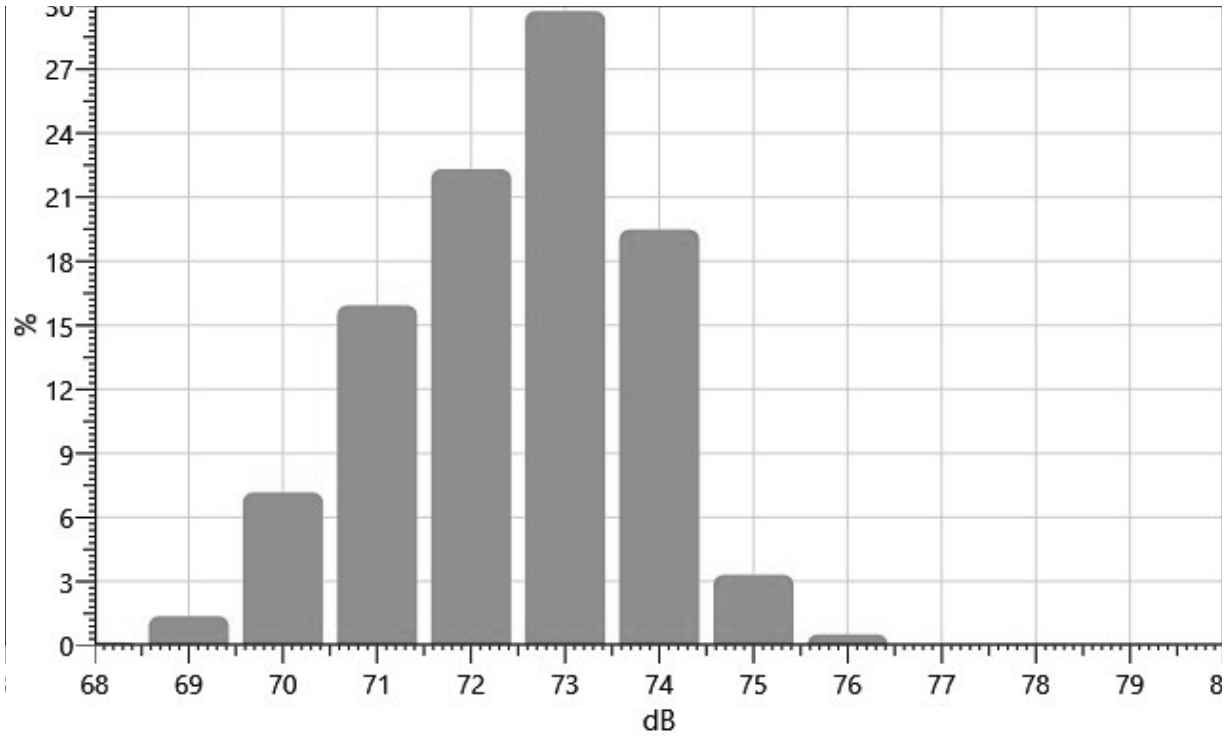
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	73 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
68:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.06	0.14
69:	0.03	0.03	0.04	0.02	0.07	0.09	0.09	0.10	0.32	0.57	1.36
70:	0.60	0.41	0.52	0.59	0.49	0.39	0.70	0.98	1.23	1.26	7.16
71:	1.30	1.72	1.02	1.65	1.79	1.46	1.47	1.28	1.94	2.28	15.92
72:	2.46	2.23	2.48	2.52	2.33	2.44	2.13	1.80	2.13	1.80	22.31
73:	2.28	2.60	2.78	2.74	2.45	2.75	3.29	4.26	3.41	3.16	29.72
74:	4.07	3.78	2.05	2.24	1.99	1.60	1.25	1.26	0.70	0.54	19.48
75:	0.36	0.42	0.37	0.39	0.39	0.38	0.32	0.23	0.21	0.23	3.30
76:	0.19	0.14	0.14	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.51
77:	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
78:	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.05
79:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

Statistics Chart

S049_BIG080015_26082021_160010: Statistics Chart

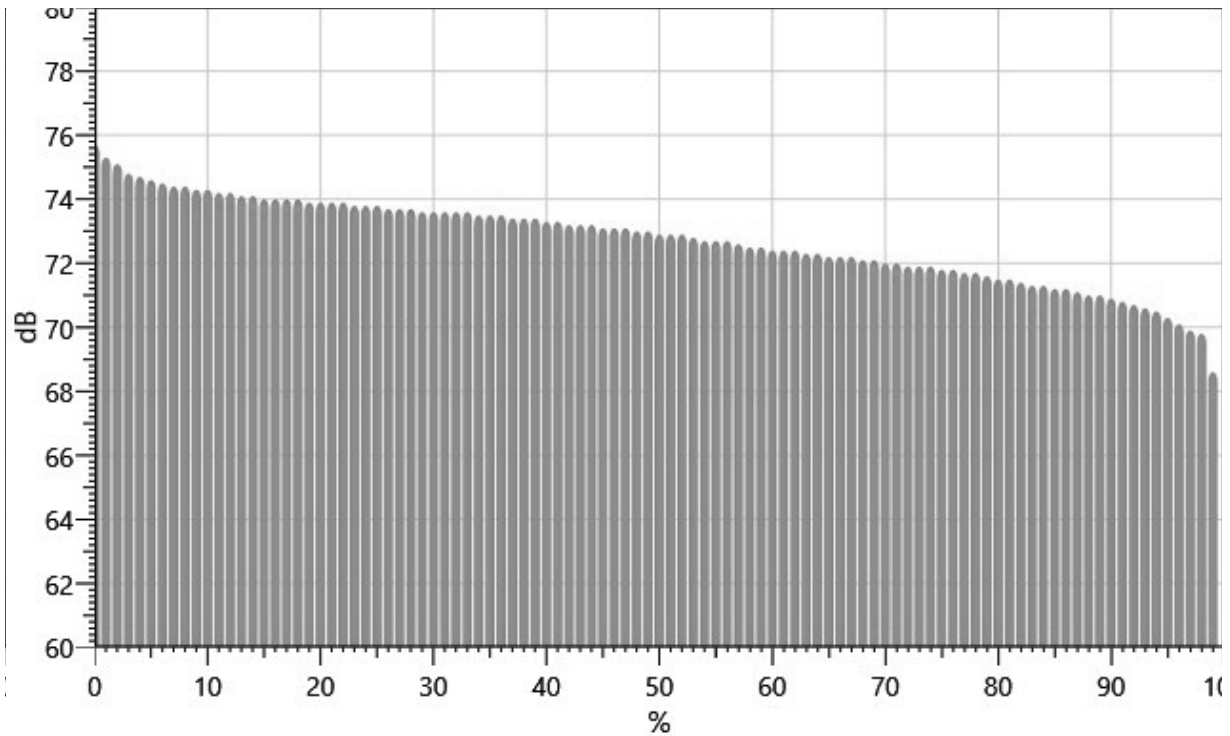


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		75.7	75.3	75.1	74.8	74.7	74.6	74.5	74.4	74.4
10%:	74.3	74.3	74.2	74.2	74.1	74.1	74.0	74.0	74.0	74.0
20%:	73.9	73.9	73.9	73.9	73.8	73.8	73.8	73.7	73.7	73.7
30%:	73.6	73.6	73.6	73.6	73.6	73.5	73.5	73.5	73.4	73.4
40%:	73.4	73.3	73.3	73.2	73.2	73.2	73.1	73.1	73.1	73.0
50%:	73.0	72.9	72.9	72.9	72.8	72.7	72.7	72.7	72.6	72.5
60%:	72.5	72.4	72.4	72.4	72.3	72.3	72.2	72.2	72.2	72.1
70%:	72.1	72.0	72.0	71.9	71.9	71.9	71.8	71.8	71.7	71.7
80%:	71.6	71.5	71.5	71.4	71.3	71.3	71.2	71.2	71.1	71.0
90%:	71.0	70.9	70.8	70.7	70.6	70.5	70.3	70.1	69.9	69.8
100%:	68.6									

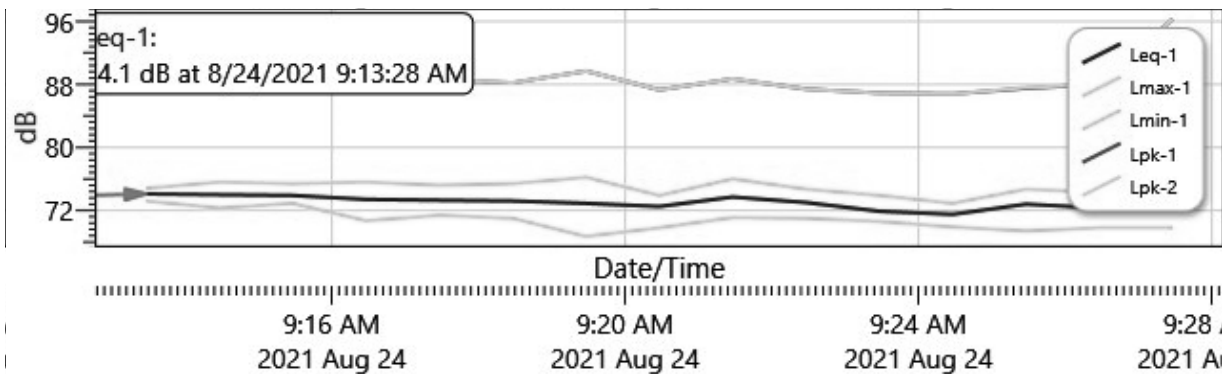
Exceedance Chart

S049_BIG080015_26082021_160010: Exceedance Chart



Logged Data Chart

S049_BIG080015_26082021_160010: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 9:13:28 AM	74.1	74.8	73.2	87.9
9:14:28 AM	74	75.6	72.3	89.1
9:15:28 AM	73.9	75.4	72.9	88.5
9:16:28 AM	73.4	75.6	70.7	89.2
9:17:28 AM	73.3	75.2	71.4	88.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:18:28 AM	73.2	75.4	71	88.2
9:19:28 AM	72.9	76.2	68.7	89.7
9:20:28 AM	72.5	73.9	69.8	87.3
9:21:28 AM	73.7	76	71.1	88.7
9:22:28 AM	73	74.7	71	87.4
9:23:28 AM	71.9	73.9	70.6	86.9
9:24:28 AM	71.5	72.9	69.9	86.8
9:25:28 AM	72.8	74.7	69.4	87.5
9:26:28 AM	72.3	74.3	69.8	88
9:27:28 AM	73	79.1	69.8	96.3

Session Report

8/26/2021

Information Panel

Name S004_BIH050001_26082021_172328
Start Time 8/24/2021 9:12:15 AM
Stop Time 8/24/2021 9:27:15 AM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from Vinyl_Elmsmere_8-24_a.m. Cicadas present.

Summary Data Panel

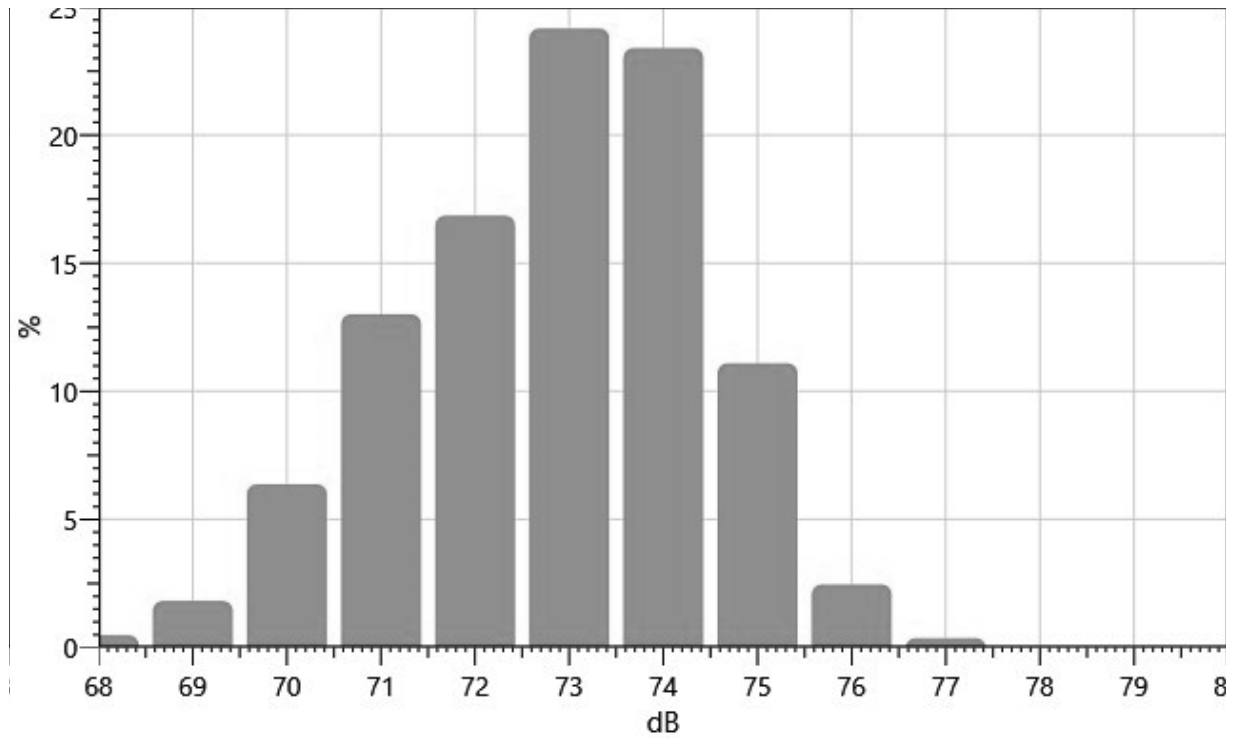
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	73.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
68:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.14	0.47
69:	0.09	0.08	0.22	0.13	0.17	0.22	0.18	0.14	0.33	0.25	1.81
70:	0.21	0.24	0.34	0.61	0.60	0.86	0.75	0.65	1.01	1.10	6.37
71:	1.34	1.84	0.75	1.40	1.27	1.19	1.19	1.19	1.51	1.34	13.01
72:	1.45	1.99	1.59	1.82	1.77	2.32	1.67	1.32	1.44	1.48	16.86
73:	2.28	2.66	2.00	2.01	2.45	2.24	2.71	2.86	2.68	2.27	24.16
74:	2.62	2.92	2.48	2.51	2.13	2.72	2.13	2.48	1.69	1.73	23.40
75:	2.10	2.01	1.58	1.52	1.28	0.96	0.60	0.55	0.23	0.25	11.09
76:	0.19	0.33	0.54	0.50	0.36	0.17	0.12	0.16	0.03	0.06	2.46
77:	0.08	0.08	0.14	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.36

Statistics Chart

S004_BIH050001_26082021_172328: Statistics Chart

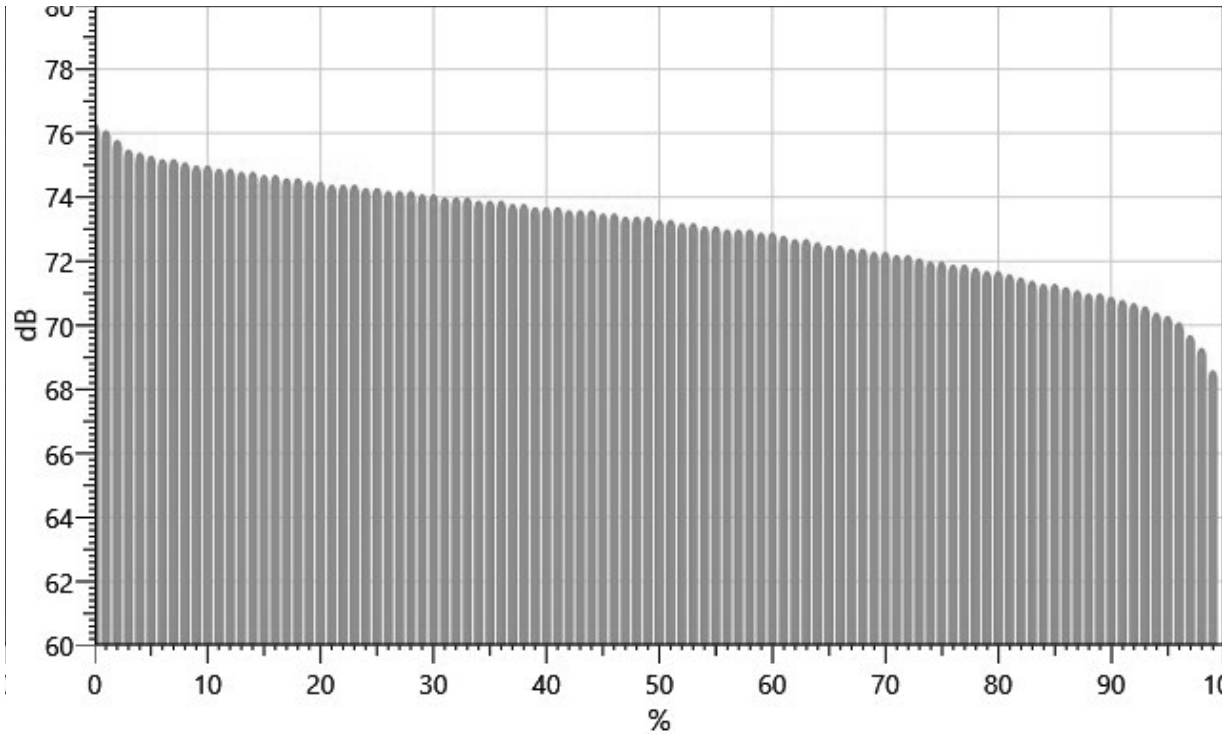


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		76.3	76.1	75.8	75.5	75.4	75.3	75.2	75.2	75.1
10%:	75.0	75.0	74.9	74.9	74.8	74.8	74.7	74.7	74.6	74.6
20%:	74.5	74.5	74.4	74.4	74.4	74.3	74.3	74.2	74.2	74.2
30%:	74.1	74.1	74.0	74.0	74.0	73.9	73.9	73.9	73.8	73.8
40%:	73.7	73.7	73.7	73.6	73.6	73.6	73.5	73.5	73.4	73.4
50%:	73.4	73.3	73.3	73.2	73.2	73.1	73.1	73.0	73.0	73.0
60%:	72.9	72.9	72.8	72.7	72.7	72.6	72.5	72.5	72.4	72.4
70%:	72.3	72.3	72.2	72.2	72.1	72.0	72.0	71.9	71.9	71.8
80%:	71.7	71.7	71.6	71.5	71.4	71.3	71.3	71.2	71.1	71.0
90%:	71.0	70.9	70.8	70.7	70.6	70.4	70.3	70.1	69.7	69.3
100%:	68.6									

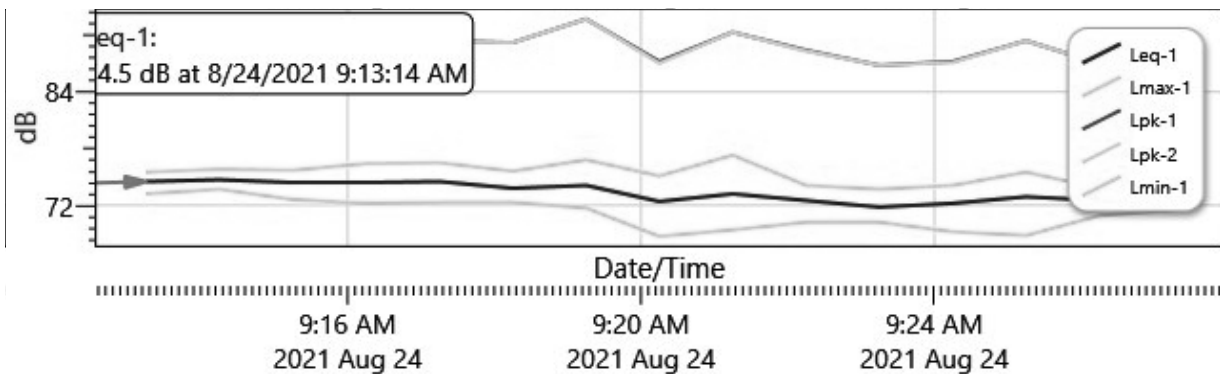
Exceedance Chart

S004_BIH050001_26082021_172328: Exceedance Chart



Logged Data Chart

S004_BIH050001_26082021_172328: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 9:13:15 AM	74.5	75.5	73.2	88.8
9:14:15 AM	74.7	75.8	73.7	89.7
9:15:15 AM	74.4	75.7	72.6	89.2
9:16:15 AM	74.4	76.4	72.2	90.5
9:17:15 AM	74.5	76.5	72.3	89.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:18:15 AM	73.8	75.6	72.3	89.2
9:19:15 AM	74.1	76.8	71.7	91.7
9:20:15 AM	72.4	75.1	68.7	87.2
9:21:15 AM	73.2	77.3	69.4	90.3
9:22:15 AM	72.5	74.1	70.2	88.4
9:23:15 AM	71.8	73.7	70.2	86.8
9:24:15 AM	72.2	74.1	69.2	87.2
9:25:15 AM	72.9	75.5	68.8	89.4
9:26:15 AM	72.5	73.8	70.9	87
9:27:15 AM	73.2	74.6	71.5	88.9

Session Report

8/26/2021

Information Panel

Name S343_BIF030001_26082021_185430
Start Time 8/24/2021 9:11:52 AM
Stop Time 8/24/2021 9:26:52 AM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 -200' from Vinyl_Elmsmere_8-24_a.m. Cicada noise present.

Summary Data Panel

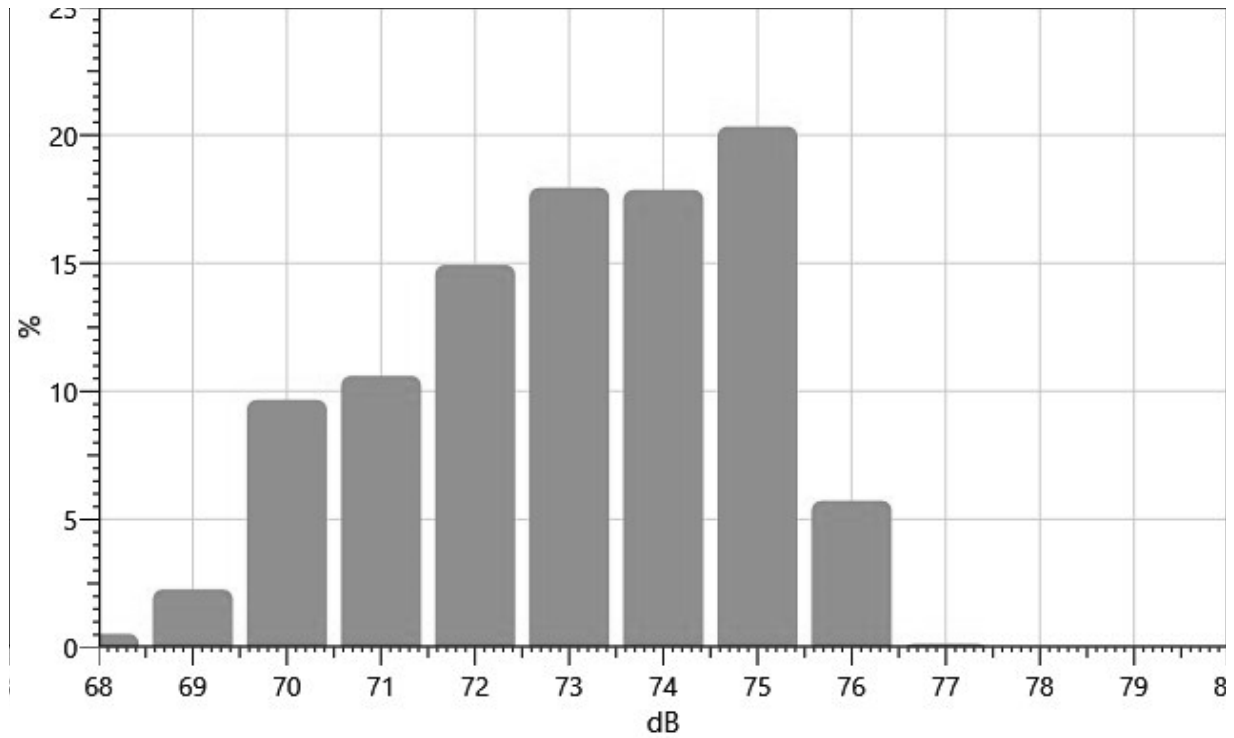
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	73.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
68:	0.00	0.00	0.00	0.00	0.14	0.17	0.07	0.06	0.04	0.05	0.53
69:	0.04	0.04	0.07	0.13	0.30	0.27	0.19	0.24	0.44	0.54	2.26
70:	0.70	0.66	0.69	0.91	0.72	1.53	1.26	1.06	1.38	0.76	9.66
71:	0.86	0.99	0.79	1.07	1.37	1.42	1.00	1.15	1.10	0.86	10.60
72:	1.54	1.21	1.44	1.91	1.99	1.24	1.15	1.53	1.13	1.78	14.93
73:	1.79	2.25	1.49	2.14	1.79	1.43	1.91	2.03	1.37	1.77	17.95
74:	1.84	1.84	1.24	1.78	1.84	1.71	1.92	1.94	1.86	1.88	17.86
75:	1.63	1.90	2.34	2.27	1.73	1.94	1.68	2.46	2.49	1.91	20.34
76:	1.91	0.82	0.49	1.17	0.91	0.19	0.06	0.03	0.05	0.09	5.72
77:	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14

Statistics Chart

S343_BIF030001_26082021_185430: Statistics Chart

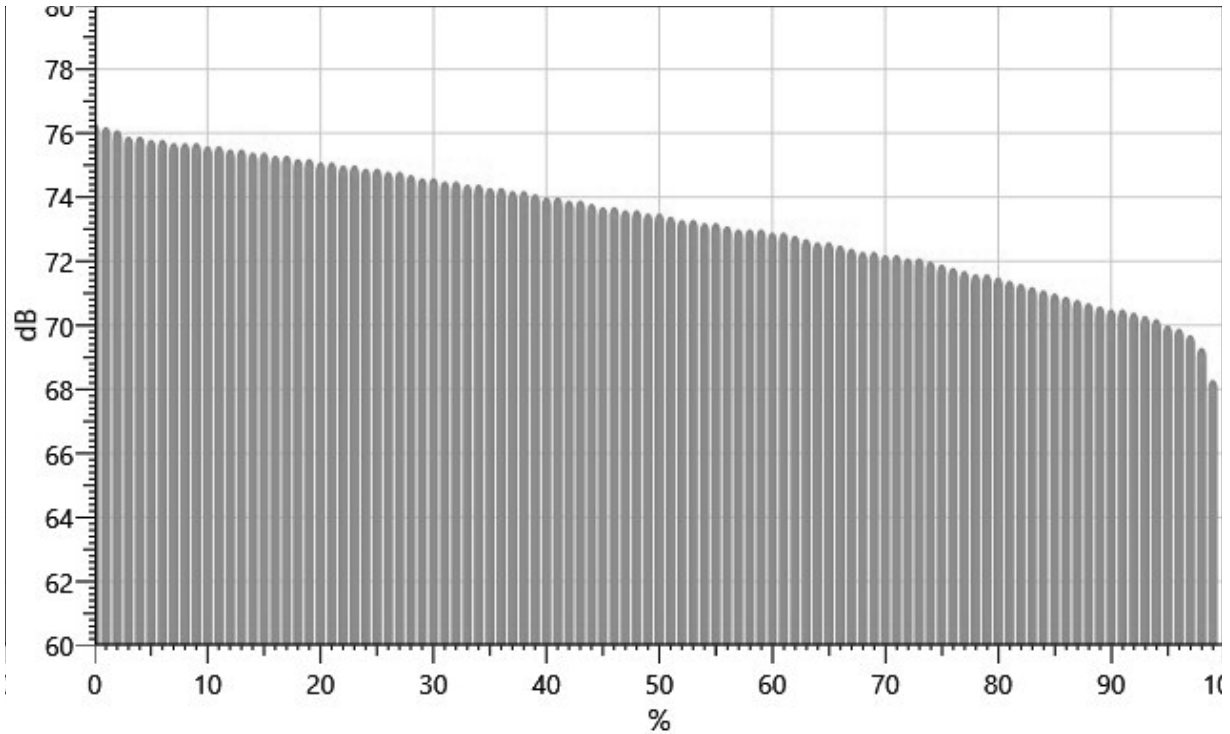


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		76.3	76.2	76.1	75.9	75.9	75.8	75.8	75.7	75.7
10%:	75.7	75.6	75.6	75.5	75.5	75.4	75.4	75.3	75.3	75.2
20%:	75.2	75.1	75.1	75.0	75.0	74.9	74.9	74.8	74.8	74.7
30%:	74.6	74.6	74.5	74.5	74.4	74.4	74.3	74.3	74.2	74.2
40%:	74.1	74.0	74.0	73.9	73.9	73.8	73.7	73.7	73.6	73.6
50%:	73.5	73.5	73.4	73.3	73.3	73.2	73.2	73.1	73.0	73.0
60%:	73.0	72.9	72.9	72.8	72.7	72.6	72.6	72.5	72.4	72.3
70%:	72.3	72.2	72.2	72.1	72.1	72.0	71.9	71.8	71.7	71.6
80%:	71.6	71.5	71.4	71.3	71.2	71.1	71.0	70.9	70.8	70.7
90%:	70.6	70.5	70.5	70.4	70.3	70.2	70.0	69.9	69.7	69.3
100%:	68.3									

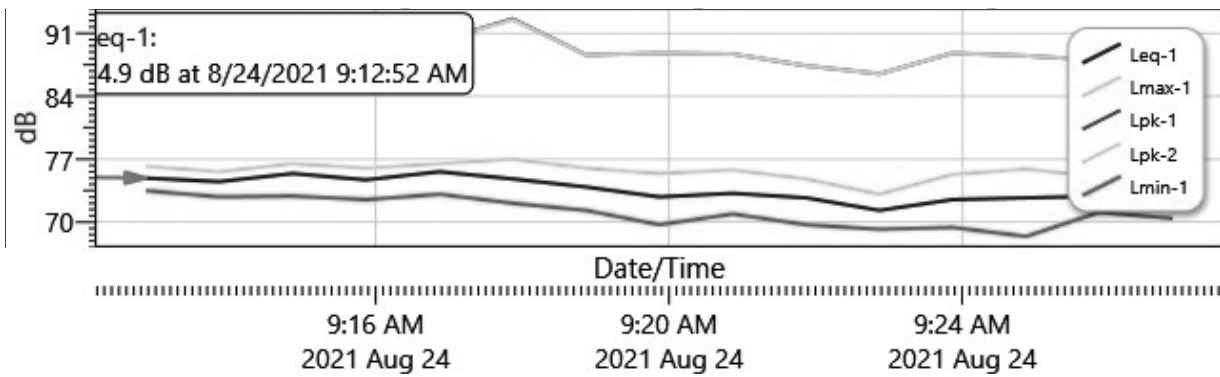
Exceedance Chart

S343_BIF030001_26082021_185430: Exceedance Chart



Logged Data Chart

S343_BIF030001_26082021_185430: Logged Data Chart



Logged Data Table

Date/Time	Lmax-1	Lmin-1	Lpk-1	Leq-1
8/24/2021 9:12:52 AM	76.2	73.5	90.3	74.9
9:13:52 AM	75.6	72.8	89.3	74.5
9:14:52 AM	76.5	72.9	89.9	75.4
9:15:52 AM	76	72.5	89.8	74.7
9:16:52 AM	76.5	73.1	90.2	75.6

Date/Time	Lmax-1	Lmin-1	Lpk-1	Leq-1
9:17:52 AM	77	72.1	92.6	74.8
9:18:52 AM	76	71.3	88.6	73.9
9:19:52 AM	75.4	69.7	88.8	72.8
9:20:52 AM	75.8	70.9	88.7	73.2
9:21:52 AM	74.8	69.7	87.4	72.7
9:22:52 AM	73.1	69.2	86.5	71.3
9:23:52 AM	75.3	69.4	88.8	72.5
9:24:52 AM	75.9	68.4	88.5	72.7
9:25:52 AM	75	71.1	88	72.9
9:26:52 AM	75.8	70.4	88.6	72.8

Session Report

8/26/2021

Information Panel

Name S023_BIF090005_26082021_130529
Start Time 8/24/2021 10:12:13 AM
Stop Time 8/24/2021 10:27:13 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 TOW-Ex-8-24-Little John Rd.-a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	78.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

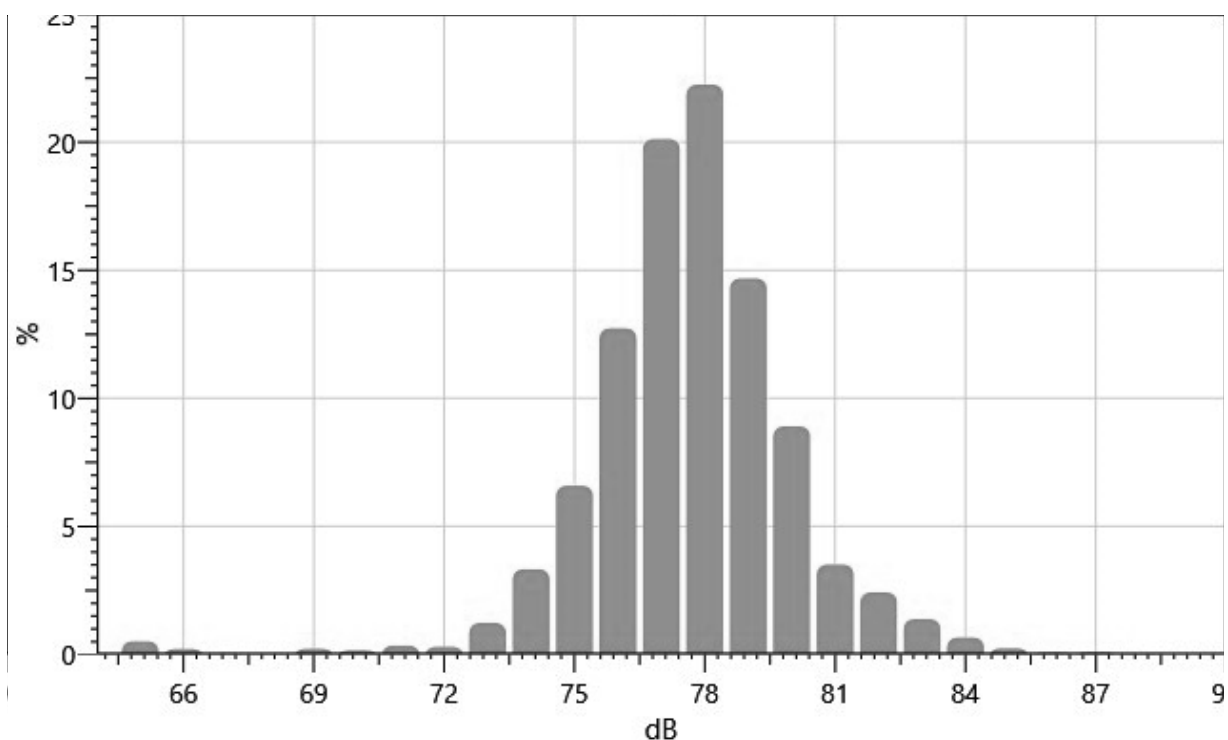
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
64:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03
65:	0.01	0.05	0.05	0.03	0.02	0.05	0.06	0.12	0.07	0.05	0.51
66:	0.06	0.08	0.04	0.01	0.00	0.01	0.01	0.00	0.00	0.01	0.21
67:	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
68:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
69:	0.03	0.04	0.03	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.22
70:	0.01	0.01	0.02	0.01	0.02	0.02	0.01	0.01	0.01	0.03	0.15
71:	0.05	0.05	0.05	0.03	0.02	0.03	0.03	0.02	0.03	0.04	0.35
72:	0.03	0.03	0.03	0.02	0.03	0.03	0.04	0.02	0.04	0.03	0.30
73:	0.03	0.07	0.12	0.12	0.11	0.10	0.13	0.13	0.17	0.25	1.22
74:	0.29	0.30	0.21	0.29	0.32	0.30	0.47	0.41	0.35	0.39	3.32
75:	0.45	0.53	0.63	0.43	0.68	0.69	0.70	0.71	0.85	0.90	6.58
76:	0.90	1.00	1.27	1.38	1.53	1.29	1.28	1.21	1.40	1.47	12.73
77:	1.74	2.02	1.97	1.91	1.93	1.91	2.06	2.43	2.09	2.03	20.12

78:	2.26	2.65	2.70	2.10	2.34	2.13	2.14	2.18	2.06	1.67	22.24
79:	1.62	1.49	1.91	1.56	1.52	1.28	1.51	1.30	1.34	1.16	14.68
80:	1.25	1.26	1.22	1.07	1.08	0.75	0.64	0.56	0.55	0.52	8.90
81:	0.53	0.41	0.33	0.25	0.31	0.26	0.35	0.33	0.36	0.39	3.51
82:	0.44	0.29	0.25	0.23	0.20	0.24	0.18	0.22	0.16	0.21	2.42
83:	0.18	0.14	0.16	0.17	0.10	0.10	0.12	0.16	0.14	0.10	1.37
84:	0.07	0.11	0.10	0.05	0.07	0.07	0.09	0.03	0.03	0.05	0.66
85:	0.02	0.02	0.02	0.02	0.03	0.09	0.01	0.01	0.01	0.01	0.24
86:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
87:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
88:	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

Statistics Chart

S023_BIF090005_26082021_130529: Statistics Chart



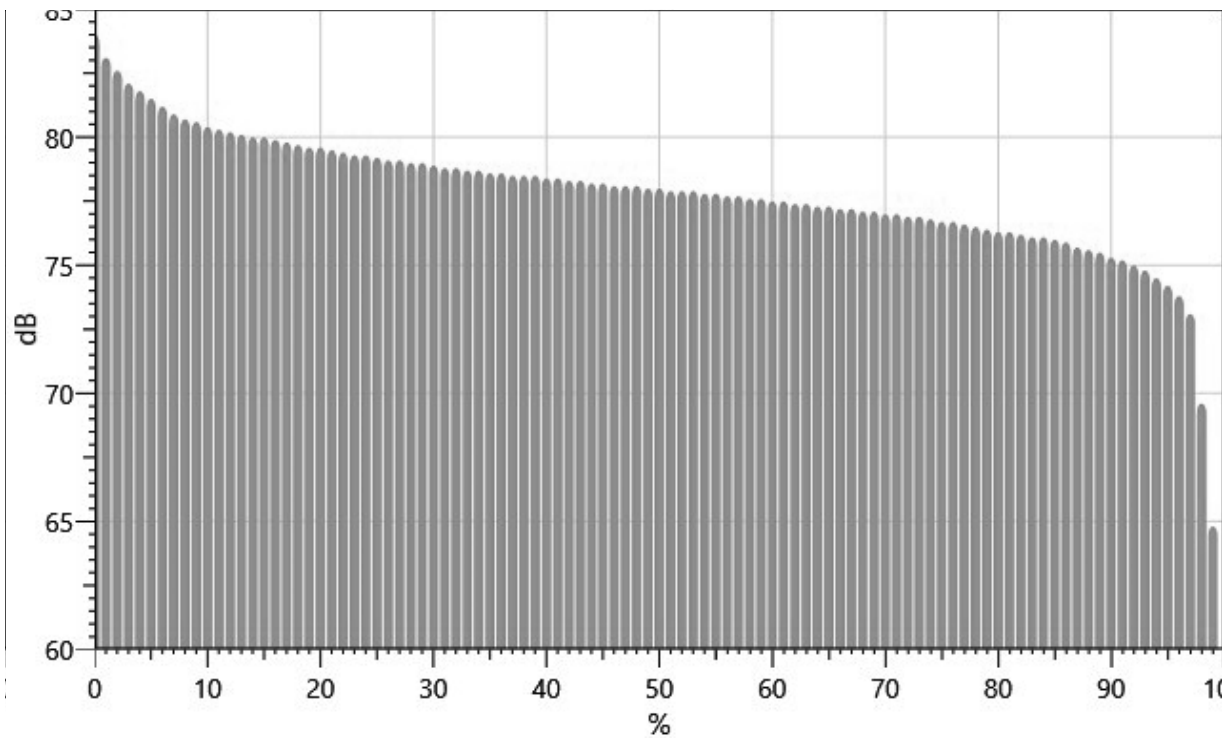
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		84.0	83.1	82.6	82.1	81.8	81.5	81.2	80.9	80.7
10%:	80.6	80.4	80.3	80.2	80.1	80.0	80.0	79.9	79.8	79.7
20%:	79.6	79.6	79.5	79.4	79.3	79.3	79.2	79.1	79.1	79.0
30%:	79.0	78.9	78.8	78.8	78.7	78.7	78.6	78.6	78.5	78.5

40%:	78.5	78.4	78.4	78.3	78.3	78.2	78.2	78.1	78.1	78.1
50%:	78.0	78.0	77.9	77.9	77.9	77.8	77.8	77.7	77.7	77.6
60%:	77.6	77.5	77.5	77.4	77.4	77.3	77.3	77.2	77.2	77.1
70%:	77.1	77.0	77.0	76.9	76.9	76.8	76.7	76.7	76.6	76.5
80%:	76.4	76.3	76.3	76.2	76.1	76.1	76.0	75.9	75.7	75.6
90%:	75.5	75.3	75.2	75.0	74.8	74.5	74.2	73.8	73.1	69.6
100%:	64.8									

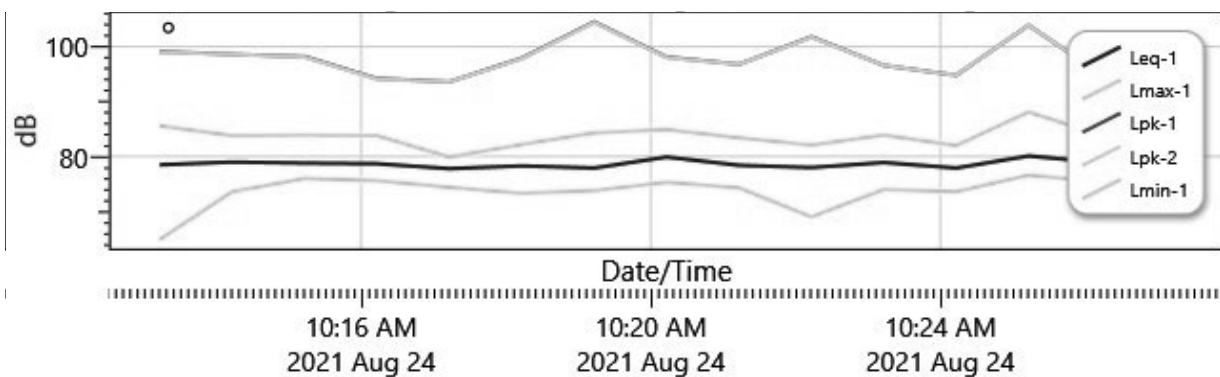
Exceedance Chart

S023_BIF090005_26082021_130529: Exceedance Chart



Logged Data Chart

S023_BIF090005_26082021_130529: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 10:13:13 AM	78.5	85.6	64.9	99.1
10:14:13 AM	79	83.8	73.6	98.6
10:15:13 AM	78.8	83.9	76	98.2
10:16:13 AM	78.7	83.8	75.6	94.2
10:17:13 AM	77.8	79.9	74.4	93.6
10:18:13 AM	78.3	82.2	73.3	97.9
10:19:13 AM	77.9	84.3	73.8	104.5
10:20:13 AM	79.9	84.9	75.3	98.1
10:21:13 AM	78.4	83.4	74.3	96.8
10:22:13 AM	78	82.1	69	101.8
10:23:13 AM	78.9	83.9	74	96.6
10:24:13 AM	77.9	82	73.6	94.8
10:25:13 AM	80.1	88.1	76.6	103.9
10:26:13 AM	78.9	83.9	75.4	95
10:27:13 AM	78.8	84.6	72.7	97.3

Session Report

8/26/2021

Information Panel

Name S023_BIF090003_26082021_144844
Start Time 8/24/2021 10:11:59 AM
Stop Time 8/24/2021 10:26:59 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2_5' from Ex_8-24 Little John Rd.-a.m.

Summary Data Panel

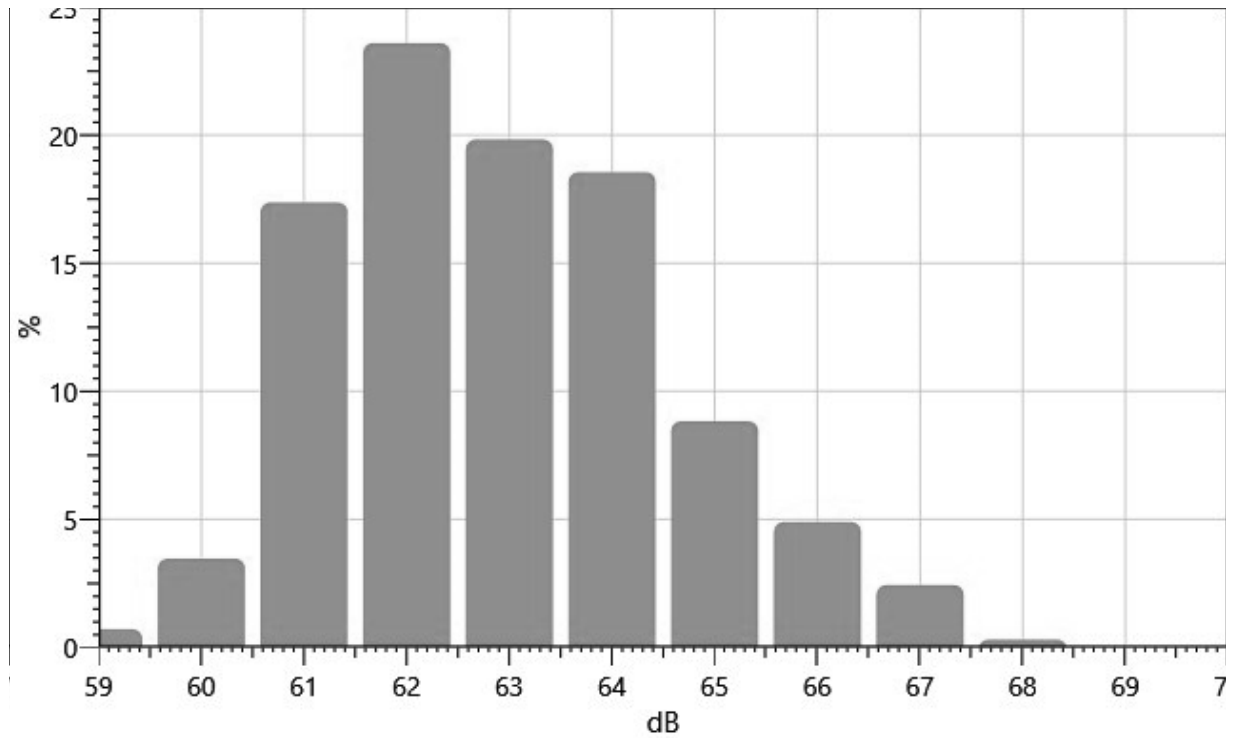
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.6 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.00	0.03	0.07	0.05	0.09	0.03	0.05	0.14	0.26	0.71
60:	0.29	0.25	0.18	0.21	0.35	0.33	0.39	0.42	0.50	0.54	3.47
61:	0.53	0.55	0.93	1.52	1.92	2.08	2.23	2.40	2.31	2.91	17.37
62:	3.21	2.19	2.50	2.80	2.55	2.68	2.05	1.70	2.12	1.81	23.60
63:	1.92	1.78	2.11	2.31	2.48	2.16	1.93	1.64	1.59	1.90	19.83
64:	1.93	1.80	1.66	1.84	2.16	2.50	2.01	1.61	1.41	1.63	18.56
65:	1.23	1.28	0.97	1.05	0.74	0.65	0.72	0.72	0.65	0.81	8.83
66:	0.68	0.85	0.53	0.48	0.38	0.35	0.41	0.36	0.46	0.40	4.89
67:	0.43	0.42	0.53	0.27	0.28	0.17	0.08	0.13	0.06	0.05	2.44
68:	0.08	0.07	0.05	0.04	0.01	0.01	0.02	0.02	0.00	0.00	0.31

Statistics Chart

S023_BIF090003_26082021_144844: Statistics Chart

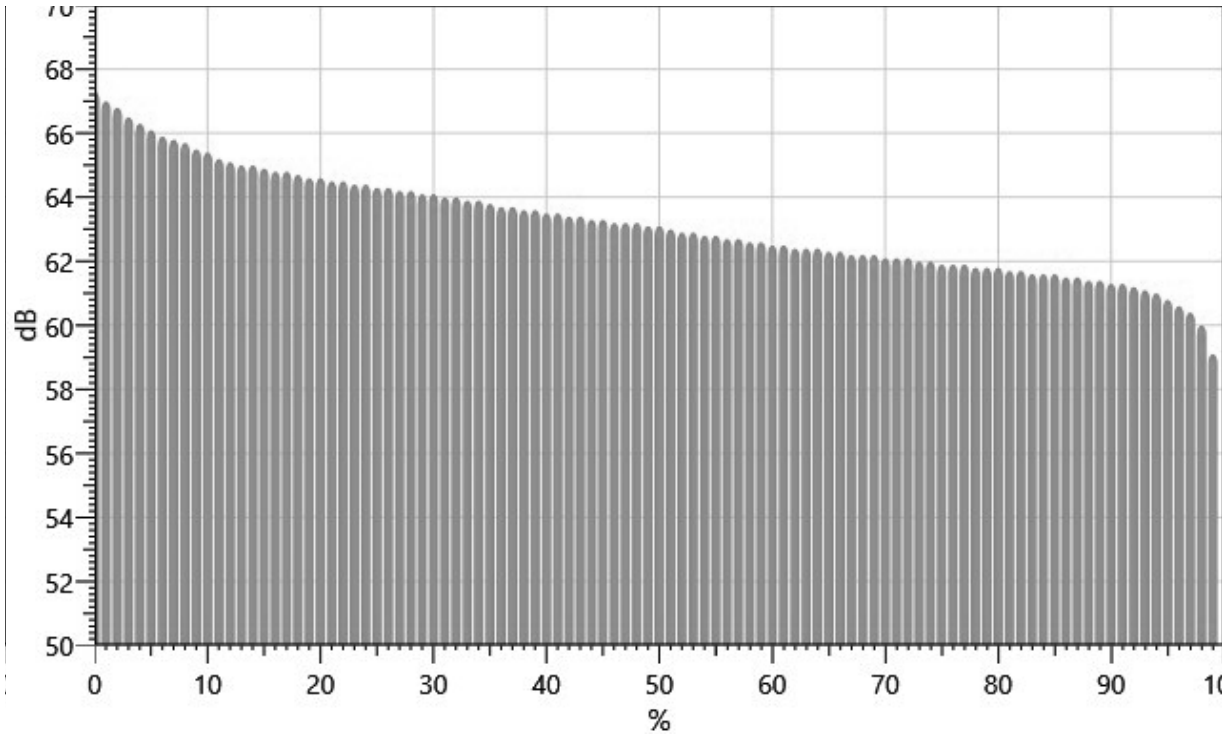


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		67.3	67.0	66.8	66.5	66.3	66.1	65.9	65.8	65.7
10%:	65.5	65.4	65.2	65.1	65.0	65.0	64.9	64.8	64.8	64.7
20%:	64.6	64.6	64.5	64.5	64.4	64.4	64.3	64.3	64.2	64.2
30%:	64.1	64.1	64.0	64.0	63.9	63.9	63.8	63.7	63.7	63.6
40%:	63.6	63.5	63.5	63.4	63.4	63.3	63.3	63.2	63.2	63.2
50%:	63.1	63.1	63.0	62.9	62.9	62.8	62.8	62.7	62.7	62.6
60%:	62.6	62.5	62.5	62.4	62.4	62.4	62.3	62.3	62.2	62.2
70%:	62.2	62.1	62.1	62.1	62.0	62.0	61.9	61.9	61.9	61.8
80%:	61.8	61.8	61.7	61.7	61.6	61.6	61.6	61.5	61.5	61.4
90%:	61.4	61.3	61.3	61.2	61.1	61.0	60.8	60.6	60.4	60.0
100%:	59.1									

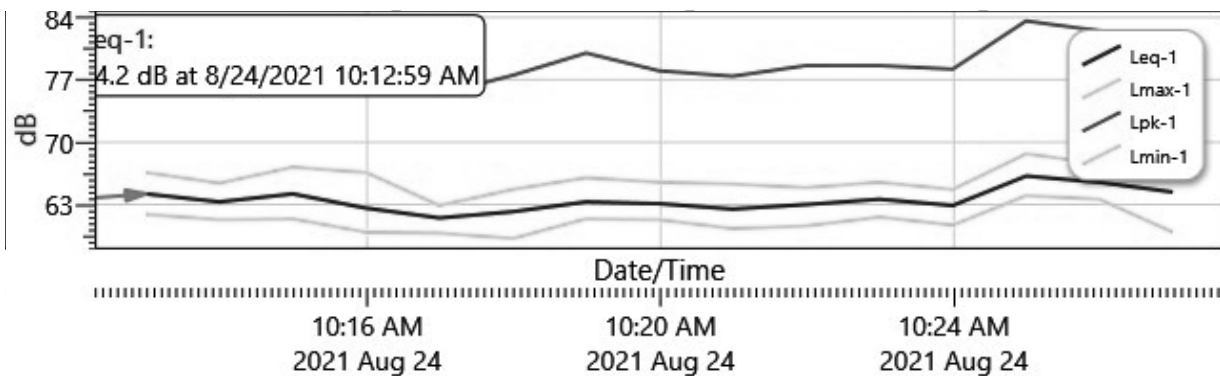
Exceedance Chart

S023_BIF090003_26082021_144844: Exceedance Chart



Logged Data Chart

S023_BIF090003_26082021_144844: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 10:12:59 AM	64.2	66.6	61.9	80.1
10:13:59 AM	63.3	65.4	61.3	79.2
10:14:59 AM	64.2	67.2	61.4	79.8
10:15:59 AM	62.6	66.6	59.9	82.7
10:16:59 AM	61.5	62.9	59.8	75.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:17:59 AM	62.2	64.7	59.2	77.5
10:18:59 AM	63.3	66	61.4	80
10:19:59 AM	63.1	65.5	61.3	78
10:20:59 AM	62.5	65.3	60.3	77.4
10:21:59 AM	63	64.9	60.6	78.6
10:22:59 AM	63.6	65.5	61.6	78.6
10:23:59 AM	62.9	64.7	60.7	78.2
10:24:59 AM	66.2	68.7	64	83.6
10:25:59 AM	65.5	67.6	63.6	82.5
10:26:59 AM	64.4	68.3	59.9	81.8

Session Report

8/26/2021

Information Panel

Name S050_BIG080015_26082021_160011
Start Time 8/24/2021 10:12:14 AM
Stop Time 8/24/2021 10:27:14 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3-50' from Ex. Little John Rd. 8-24_a.m.

Summary Data Panel

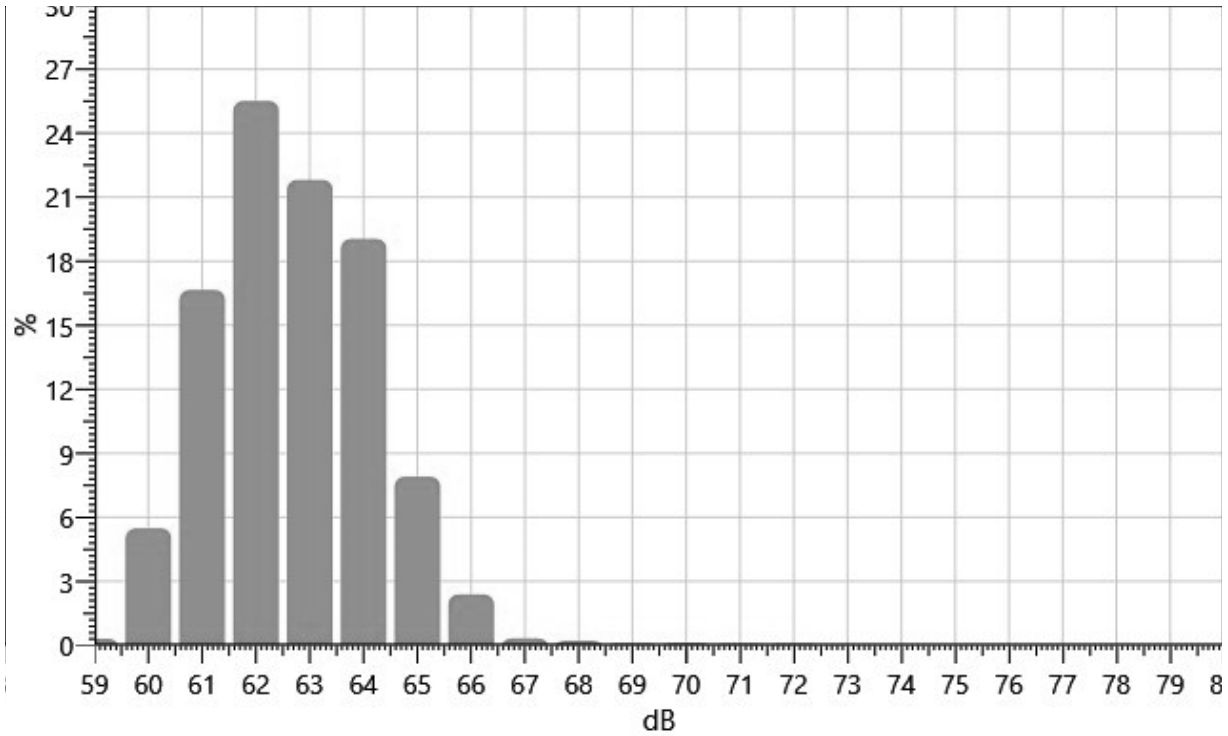
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.09	0.15	0.31
60:	0.26	0.24	0.44	0.38	0.38	0.53	0.61	1.00	0.85	0.80	5.48
61:	0.76	0.78	1.14	1.36	1.30	1.69	1.85	2.26	2.52	2.99	16.65
62:	2.84	1.80	1.99	2.39	2.64	2.14	2.90	3.17	2.78	2.88	25.51
63:	2.66	2.20	1.38	1.60	1.72	1.76	2.11	2.48	2.86	3.02	21.81
64:	2.49	2.48	1.65	1.58	1.89	1.74	2.07	2.00	1.65	1.49	19.04
65:	1.54	1.40	0.81	0.84	0.62	0.81	0.58	0.52	0.40	0.40	7.90
66:	0.27	0.31	0.24	0.12	0.09	0.10	0.14	0.28	0.45	0.38	2.39
67:	0.07	0.02	0.05	0.02	0.03	0.02	0.02	0.02	0.03	0.04	0.33
68:	0.03	0.03	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.21
69:	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.09
70:	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.03	0.03	0.02	0.11
71:	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.00	0.00	0.08
72:	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.02	0.02	0.08

Statistics Chart

S050_BIG080015_26082021_160011: Statistics Chart

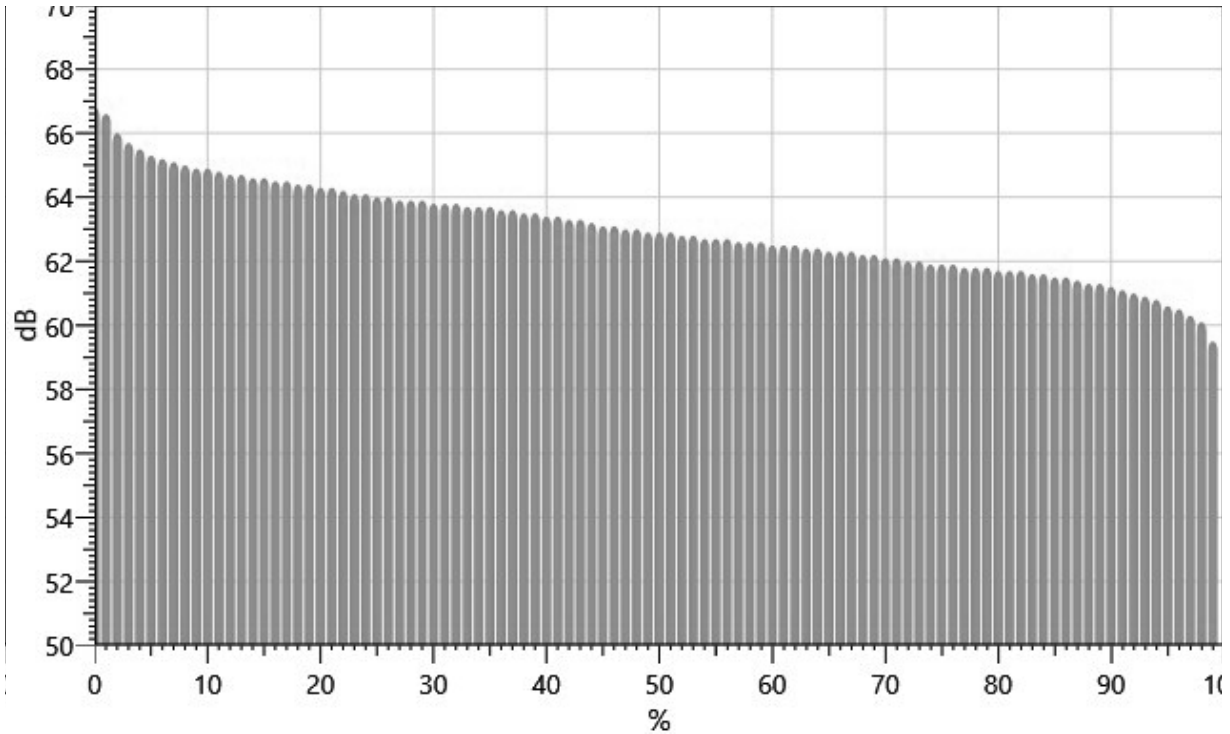


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		66.8	66.6	66.0	65.7	65.5	65.3	65.2	65.1	65.0
10%:	64.9	64.9	64.8	64.7	64.7	64.6	64.6	64.5	64.5	64.4
20%:	64.4	64.3	64.3	64.2	64.1	64.1	64.0	64.0	63.9	63.9
30%:	63.9	63.8	63.8	63.8	63.7	63.7	63.7	63.6	63.6	63.5
40%:	63.5	63.4	63.4	63.3	63.3	63.2	63.1	63.1	63.0	63.0
50%:	62.9	62.9	62.9	62.8	62.8	62.7	62.7	62.7	62.6	62.6
60%:	62.6	62.5	62.5	62.5	62.4	62.4	62.3	62.3	62.3	62.2
70%:	62.2	62.1	62.1	62.0	62.0	61.9	61.9	61.9	61.8	61.8
80%:	61.8	61.7	61.7	61.7	61.6	61.6	61.5	61.5	61.4	61.3
90%:	61.3	61.2	61.1	61.0	60.9	60.8	60.6	60.5	60.3	60.1
100%:	59.5									

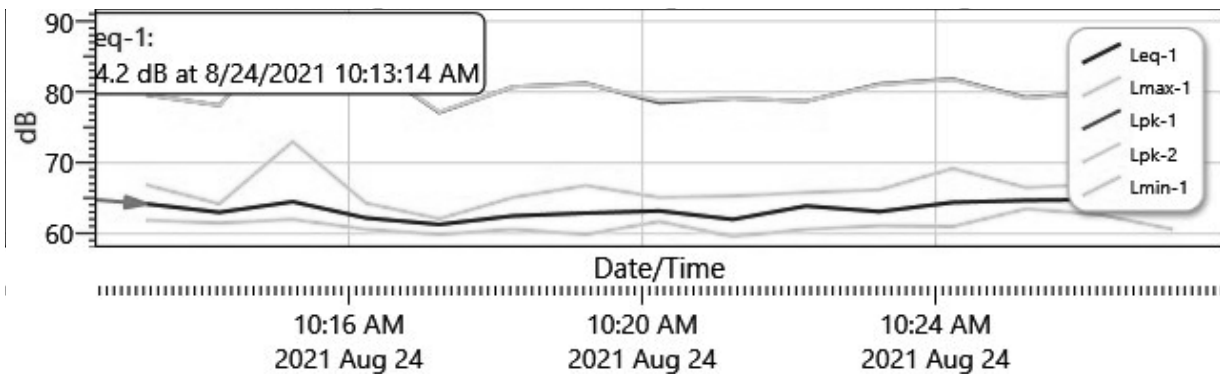
Exceedance Chart

S050_BIG080015_26082021_160011: Exceedance Chart



Logged Data Chart

S050_BIG080015_26082021_160011: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 10:13:14 AM	64.2	66.9	61.9	79.6
10:14:14 AM	63	64.2	61.5	78.1
10:15:14 AM	64.5	73	62	90.3
10:16:14 AM	62.2	64.3	60.6	84.2
10:17:14 AM	61.3	62.1	59.9	77.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:18:14 AM	62.5	65.1	60.6	80.7
10:19:14 AM	62.9	66.8	59.9	81.2
10:20:14 AM	63.2	65.1	61.7	78.5
10:21:14 AM	62	65.3	59.6	79.1
10:22:14 AM	63.9	65.8	60.6	78.7
10:23:14 AM	63.1	66.2	61.1	81.1
10:24:14 AM	64.4	69.2	61	81.8
10:25:14 AM	64.7	66.5	63.5	79.2
10:26:14 AM	64.8	67	62.7	79.9
10:27:14 AM	63.7	65.8	60.6	78.8

Session Report

8/26/2021

Information Panel

Name S005_BIH050001_26082021_172330
Start Time 8/24/2021 10:12:05 AM
Stop Time 8/24/2021 10:27:05 AM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4-100' from Ex-Little John Rd._8-24_a.m.

Summary Data Panel

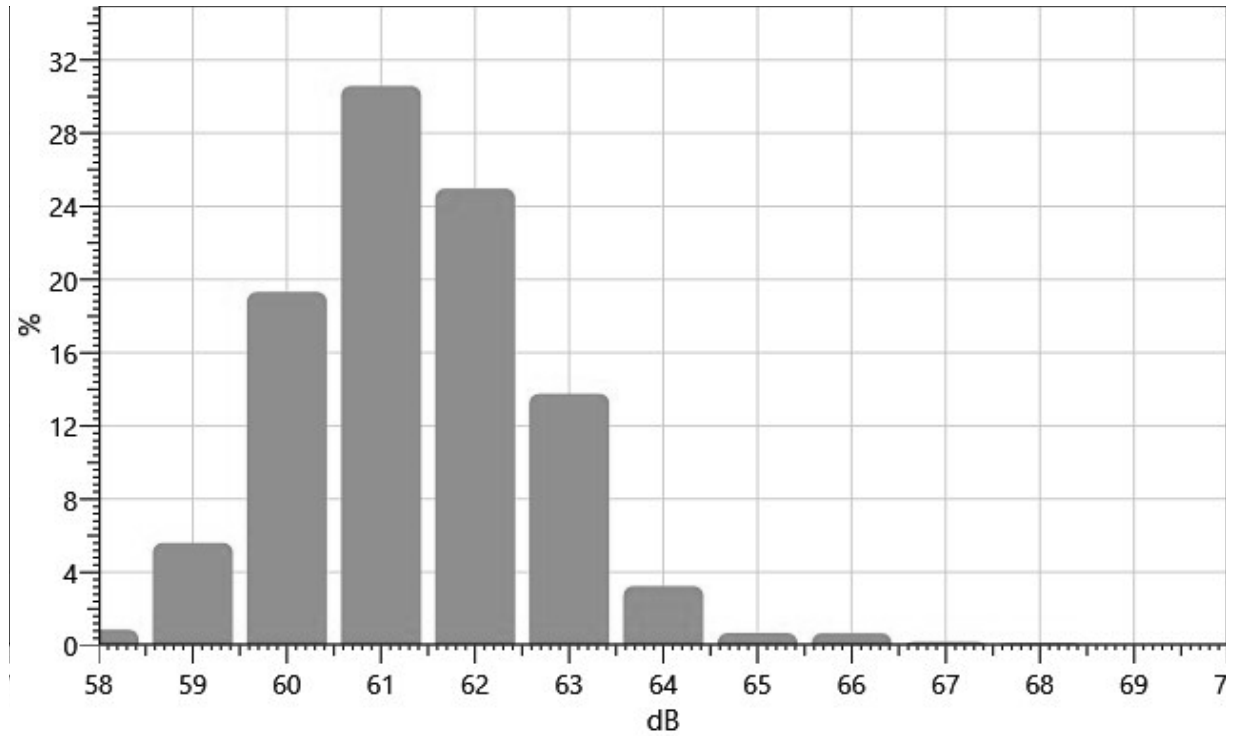
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	62 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.20	0.31	0.27	0.86
59:	0.24	0.10	0.26	0.09	0.15	0.39	0.34	0.64	1.45	1.94	5.61
60:	1.86	1.51	1.24	1.52	2.00	2.06	2.18	2.27	2.10	2.58	19.32
61:	2.45	2.26	3.05	3.00	3.11	2.41	3.45	3.48	3.92	3.46	30.59
62:	3.05	1.63	2.22	2.94	2.75	2.03	2.26	2.49	2.90	2.72	24.98
63:	3.05	2.50	1.89	1.30	0.97	1.01	0.94	0.73	0.66	0.70	13.76
64:	0.52	0.48	0.46	0.74	0.43	0.16	0.16	0.07	0.08	0.16	3.25
65:	0.14	0.13	0.03	0.11	0.07	0.02	0.02	0.03	0.04	0.07	0.67
66:	0.05	0.03	0.09	0.09	0.14	0.16	0.06	0.02	0.02	0.01	0.66
67:	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.01	0.19
68:	0.02	0.02	0.01	0.02	0.02	0.03	0.00	0.00	0.00	0.00	0.12

Statistics Chart

S005_BIH050001_26082021_172330: Statistics Chart

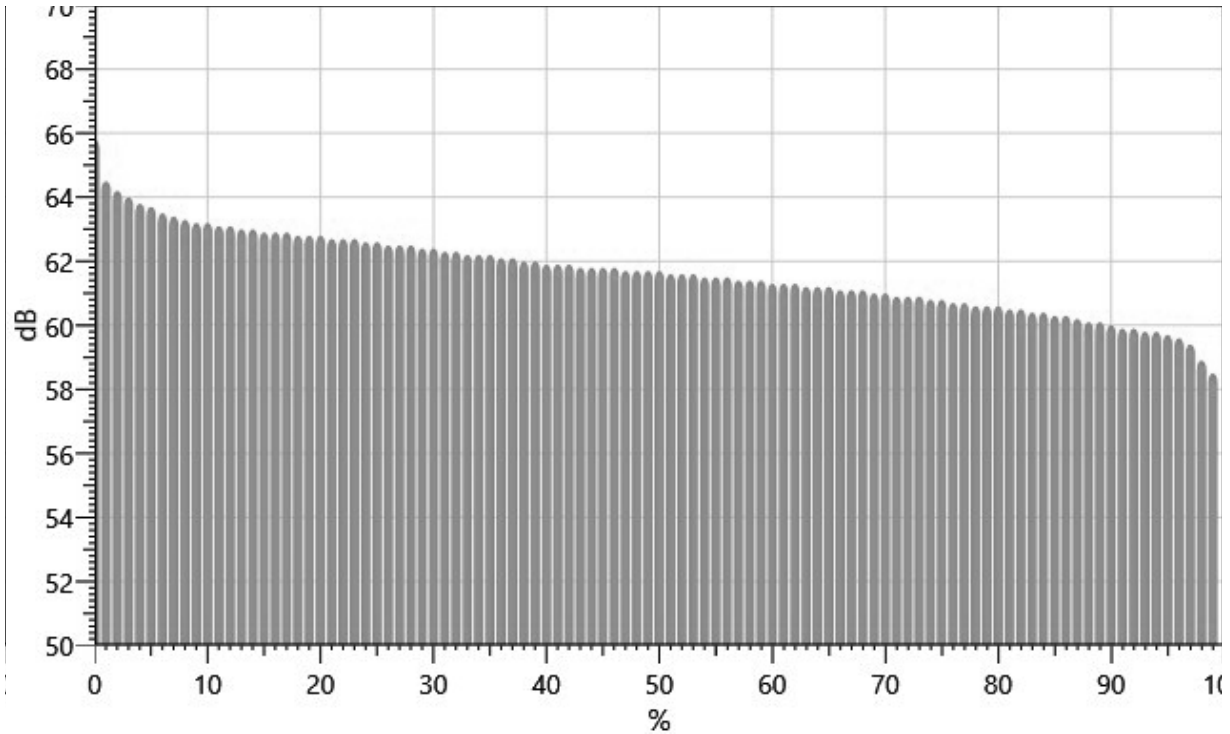


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		65.8	64.5	64.2	64.0	63.8	63.7	63.5	63.4	63.3
10%:	63.2	63.2	63.1	63.1	63.0	63.0	62.9	62.9	62.9	62.8
20%:	62.8	62.8	62.7	62.7	62.7	62.6	62.6	62.5	62.5	62.5
30%:	62.4	62.4	62.3	62.3	62.2	62.2	62.2	62.1	62.1	62.0
40%:	62.0	61.9	61.9	61.9	61.8	61.8	61.8	61.8	61.7	61.7
50%:	61.7	61.7	61.6	61.6	61.6	61.5	61.5	61.5	61.4	61.4
60%:	61.4	61.3	61.3	61.3	61.2	61.2	61.2	61.1	61.1	61.1
70%:	61.0	61.0	60.9	60.9	60.9	60.8	60.8	60.7	60.7	60.6
80%:	60.6	60.6	60.5	60.5	60.4	60.4	60.3	60.3	60.2	60.1
90%:	60.1	60.0	59.9	59.9	59.8	59.8	59.7	59.6	59.4	58.9
100%:	58.5									

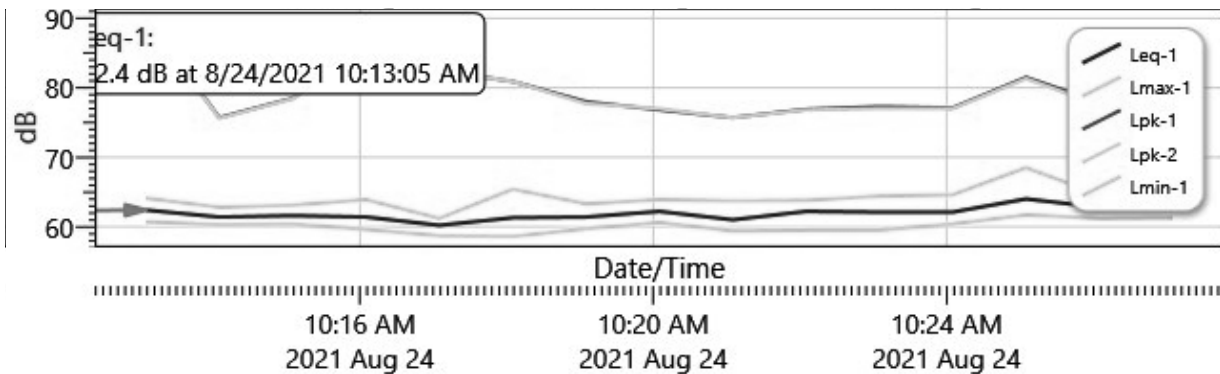
Exceedance Chart

S005_BIH050001_26082021_172330: Exceedance Chart



Logged Data Chart

S005_BIH050001_26082021_172330: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 10:13:05 AM	62.4	64.1	60.7	89.9
10:14:05 AM	61.4	62.8	60.3	75.7
10:15:05 AM	61.6	63.1	60.4	78.5
10:16:05 AM	61.4	63.9	59.6	85.7
10:17:05 AM	60.2	61.2	58.7	82.5

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:18:05 AM	61.3	65.4	58.6	80.9
10:19:05 AM	61.4	63.3	59.7	78
10:20:05 AM	62.2	63.9	60.6	76.8
10:21:05 AM	61	63.7	59.4	75.7
10:22:05 AM	62.2	63.8	59.5	76.9
10:23:05 AM	62.1	64.4	59.5	77.3
10:24:05 AM	62.1	64.6	60.4	77.1
10:25:05 AM	64	68.5	61.7	81.5
10:26:05 AM	62.8	64.6	61.2	77.9
10:27:05 AM	63	65.2	61.3	78.5

Session Report

8/26/2021

Information Panel

Name S344_BIF030001_26082021_185431
Start Time 8/24/2021 10:11:42 AM
Stop Time 8/24/2021 10:26:42 AM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' from Ex_Little John Rd. _8-24-a.m.

Summary Data Panel

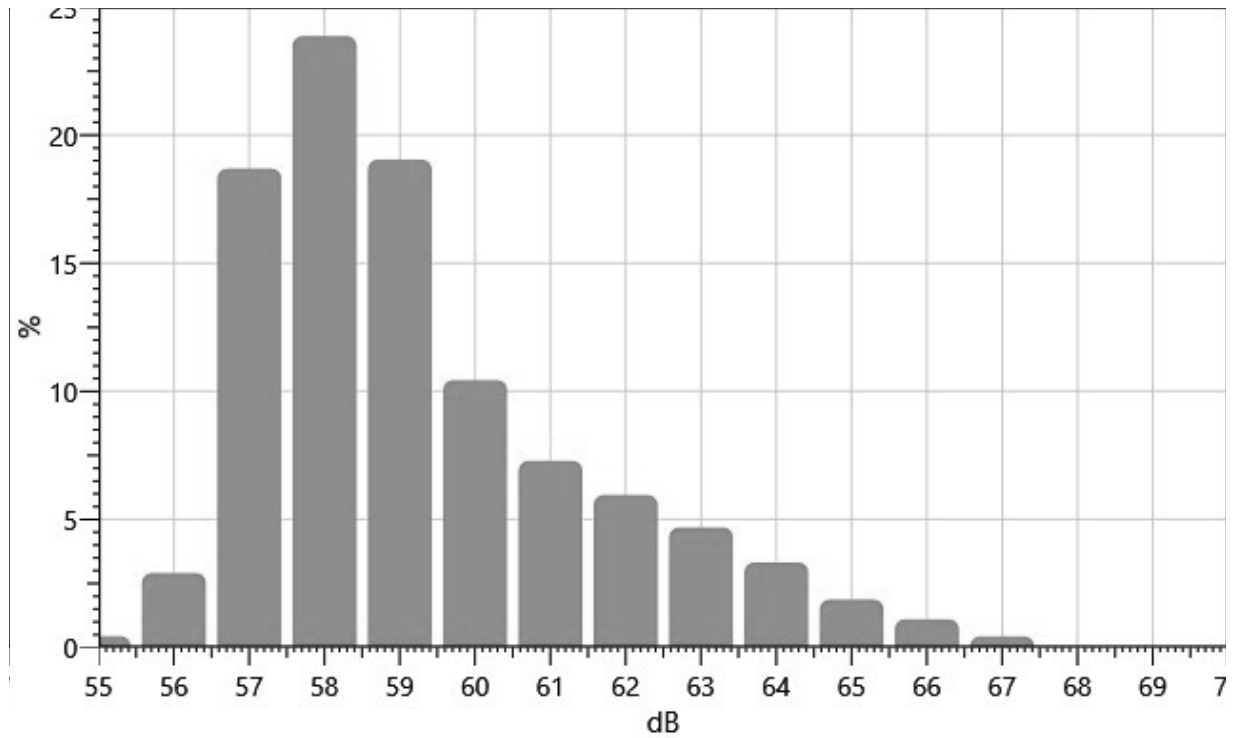
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	60.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.21	0.12	0.44
56:	0.15	0.11	0.19	0.09	0.06	0.18	0.56	0.55	0.47	0.53	2.90
57:	0.72	0.82	1.27	1.30	1.48	1.94	2.64	2.81	2.93	2.79	18.69
58:	3.03	2.40	1.57	2.20	2.22	2.27	1.74	2.37	3.02	3.05	23.87
59:	2.90	2.44	2.47	2.02	2.03	1.83	1.68	1.29	1.18	1.20	19.05
60:	1.03	0.77	0.89	1.18	1.42	0.99	0.95	1.15	1.06	1.01	10.44
61:	0.80	0.77	0.29	0.43	0.55	0.97	1.02	0.86	0.66	0.91	7.28
62:	0.85	0.51	0.82	0.93	0.55	0.64	0.43	0.45	0.35	0.42	5.95
63:	0.62	0.56	0.39	0.33	0.28	0.25	0.36	0.34	0.81	0.74	4.69
64:	0.43	0.42	0.30	0.57	0.43	0.29	0.23	0.17	0.22	0.25	3.31
65:	0.20	0.41	0.28	0.15	0.14	0.09	0.14	0.10	0.14	0.21	1.87
66:	0.07	0.07	0.06	0.07	0.11	0.15	0.29	0.11	0.09	0.08	1.10
67:	0.18	0.13	0.01	0.02	0.03	0.05	0.01	0.00	0.00	0.00	0.43

Statistics Chart

S344_BIF030001_26082021_185431: Statistics Chart

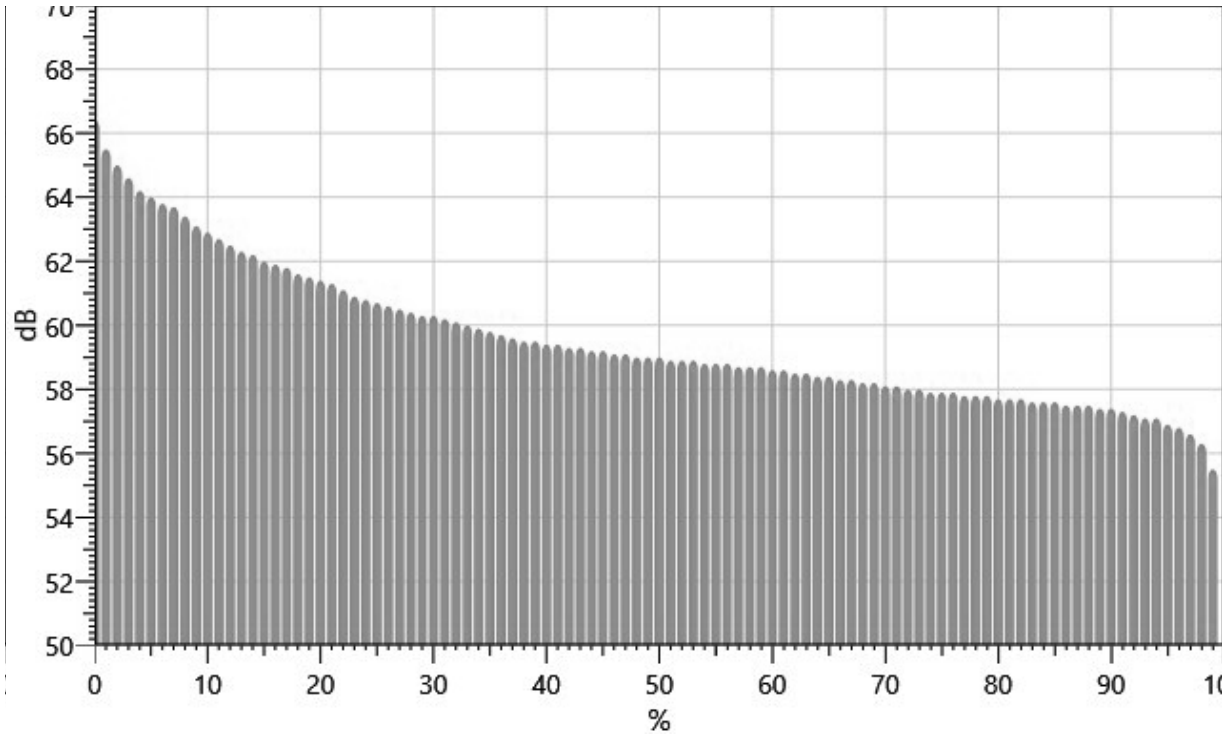


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		66.4	65.5	65.0	64.6	64.2	64.0	63.8	63.7	63.4
10%:	63.1	62.9	62.7	62.5	62.3	62.2	62.0	61.9	61.8	61.6
20%:	61.5	61.4	61.3	61.1	60.9	60.8	60.7	60.6	60.5	60.4
30%:	60.3	60.3	60.2	60.1	60.0	59.9	59.8	59.7	59.6	59.5
40%:	59.5	59.4	59.4	59.3	59.3	59.2	59.2	59.1	59.1	59.0
50%:	59.0	59.0	58.9	58.9	58.9	58.8	58.8	58.8	58.7	58.7
60%:	58.7	58.6	58.6	58.5	58.5	58.4	58.4	58.3	58.3	58.2
70%:	58.2	58.1	58.1	58.0	58.0	57.9	57.9	57.9	57.8	57.8
80%:	57.8	57.7	57.7	57.7	57.6	57.6	57.6	57.5	57.5	57.5
90%:	57.4	57.4	57.3	57.2	57.1	57.1	56.9	56.8	56.6	56.3
100%:	55.5									

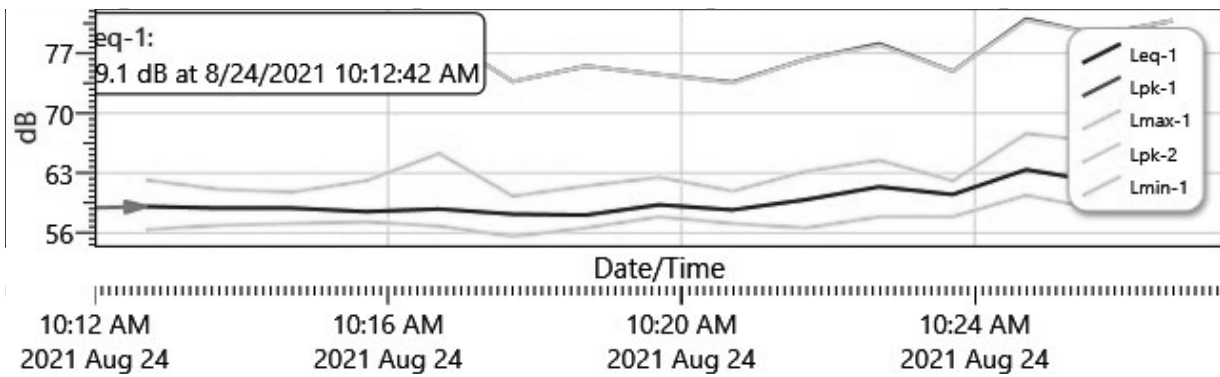
Exceedance Chart

S344_BIF030001_26082021_185431: Exceedance Chart



Logged Data Chart

S344_BIF030001_26082021_185431: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 10:12:42 AM	59.1	62.2	56.4	75
10:13:42 AM	58.9	61.1	56.9	79.7
10:14:42 AM	58.9	60.8	57.1	74.3
10:15:42 AM	58.5	62.1	57.3	77.9
10:16:42 AM	58.8	65.3	56.8	79.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
10:17:42 AM	58.2	60.3	55.6	73.7
10:18:42 AM	58.1	61.5	56.6	75.5
10:19:42 AM	59.3	62.5	57.9	74.5
10:20:42 AM	58.7	60.9	57.1	73.6
10:21:42 AM	59.9	63.2	56.6	76.3
10:22:42 AM	61.4	64.5	57.9	78.1
10:23:42 AM	60.5	62.1	57.9	74.9
10:24:42 AM	63.4	67.6	60.4	81
10:25:42 AM	62	66.7	58.8	79.2
10:26:42 AM	64.3	67.1	61.1	80.8

Session Report

8/26/2021

Information Panel

Name S024_BIF090005_26082021_130530
Start Time 8/24/2021 12:06:27 PM
Stop Time 8/24/2021 12:21:27 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1-TOW_Vinyl-8-24-Elmsmere- Noon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	83.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

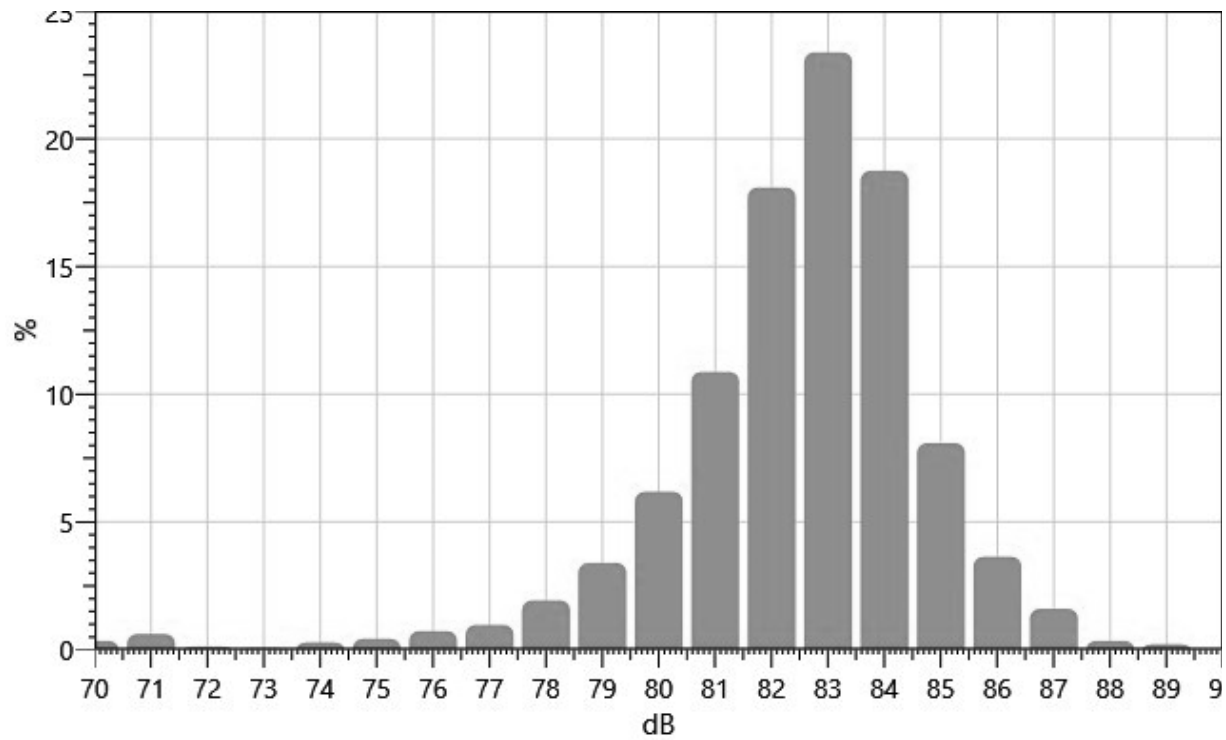
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
70:	0.00	0.00	0.00	0.00	0.01	0.11	0.11	0.05	0.04	0.04	0.34
71:	0.04	0.02	0.01	0.03	0.11	0.09	0.09	0.06	0.12	0.05	0.61
72:	0.02	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.12
73:	0.01	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.06
74:	0.01	0.01	0.02	0.03	0.06	0.02	0.03	0.03	0.02	0.06	0.28
75:	0.04	0.03	0.03	0.02	0.06	0.05	0.04	0.04	0.03	0.07	0.42
76:	0.07	0.06	0.06	0.06	0.05	0.05	0.04	0.13	0.07	0.13	0.72
77:	0.09	0.06	0.07	0.07	0.06	0.08	0.10	0.12	0.14	0.17	0.97
78:	0.17	0.42	0.22	0.17	0.16	0.15	0.16	0.16	0.18	0.14	1.93
79:	0.17	0.20	0.28	0.38	0.38	0.40	0.37	0.37	0.34	0.51	3.39
80:	0.41	0.56	0.43	0.56	0.70	0.68	0.63	0.61	0.68	0.92	6.18
81:	0.85	0.87	0.84	0.77	1.27	1.15	1.16	1.34	1.25	1.37	10.87
82:	1.34	1.70	1.51	1.78	1.94	1.65	1.76	2.14	2.02	2.25	18.09
83:	2.77	2.56	2.22	2.16	2.53	2.21	2.44	2.15	2.16	2.17	23.38

84:	2.17	2.33	2.60	1.59	1.87	2.01	1.95	1.65	1.38	1.19	18.75
85:	1.00	1.06	0.98	1.10	0.80	0.79	0.56	0.55	0.64	0.62	8.09
86:	0.66	0.53	0.40	0.46	0.35	0.26	0.25	0.28	0.26	0.19	3.64
87:	0.23	0.26	0.24	0.10	0.15	0.13	0.16	0.14	0.11	0.07	1.60
88:	0.05	0.05	0.03	0.04	0.05	0.02	0.03	0.02	0.03	0.03	0.35
89:	0.05	0.02	0.02	0.02	0.03	0.01	0.01	0.01	0.02	0.01	0.21

Statistics Chart

S024_BIF090005_26082021_130530: Statistics Chart



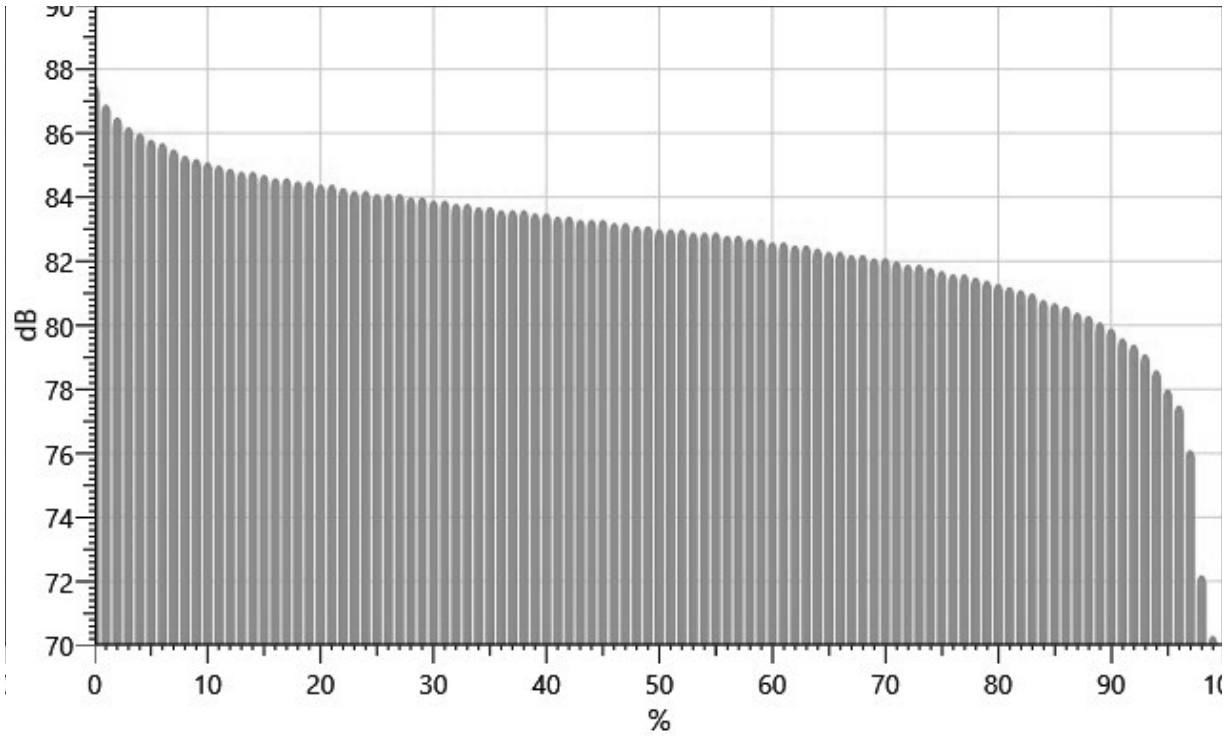
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		87.5	86.9	86.5	86.2	86.0	85.8	85.7	85.5	85.3
10%:	85.2	85.1	85.0	84.9	84.8	84.8	84.7	84.6	84.6	84.5
20%:	84.5	84.4	84.4	84.3	84.2	84.2	84.1	84.1	84.1	84.0
30%:	84.0	83.9	83.9	83.8	83.8	83.7	83.7	83.6	83.6	83.6
40%:	83.5	83.5	83.4	83.4	83.3	83.3	83.3	83.2	83.2	83.1
50%:	83.1	83.0	83.0	83.0	82.9	82.9	82.9	82.8	82.8	82.7
60%:	82.7	82.6	82.6	82.5	82.5	82.4	82.3	82.3	82.2	82.2
70%:	82.1	82.1	82.0	81.9	81.9	81.8	81.7	81.6	81.6	81.5
80%:	81.4	81.3	81.2	81.1	81.0	80.8	80.7	80.6	80.4	80.3

90%: 80.1 79.9 79.6 79.4 79.1 78.6 78.0 77.5 76.1 72.2
 100%: 70.3

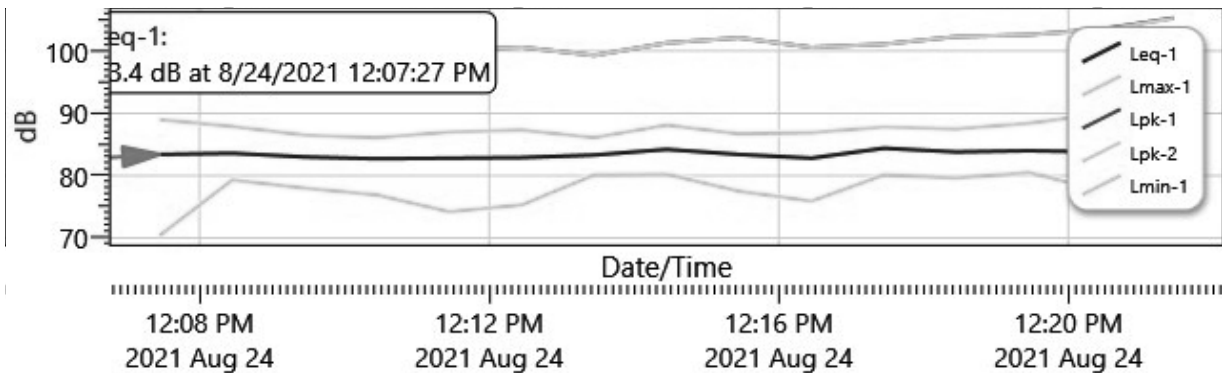
Exceedance Chart

S024_BIF090005_26082021_130530: Exceedance Chart



Logged Data Chart

S024_BIF090005_26082021_130530: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 12:07:27 PM	83.4	89	70.4	102.8
12:08:27 PM	83.6	87.9	79.3	100.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:09:27 PM	83	86.5	78	98.9
12:10:27 PM	82.7	86.1	76.9	99.7
12:11:27 PM	82.8	87	74.2	100.2
12:12:27 PM	82.9	87.3	75.3	100.6
12:13:27 PM	83.3	86.1	80.1	99.3
12:14:27 PM	84.2	88.1	80.2	101.3
12:15:27 PM	83.4	86.7	77.5	102.1
12:16:27 PM	82.8	86.9	75.9	100.6
12:17:27 PM	84.4	87.8	80.1	101.1
12:18:27 PM	83.8	87.5	79.6	102.3
12:19:27 PM	84	88.4	80.5	102.6
12:20:27 PM	83.8	89.9	77.6	103.5
12:21:27 PM	82.7	89.4	74.9	105.3

Session Report

8/26/2021

Information Panel

Name S025_BIF090003_26082021_144846
Start Time 8/24/2021 12:31:33 PM
Stop Time 8/24/2021 12:46:33 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter2-5'_Vinyl_8-24_Elmsmere -noon

Summary Data Panel

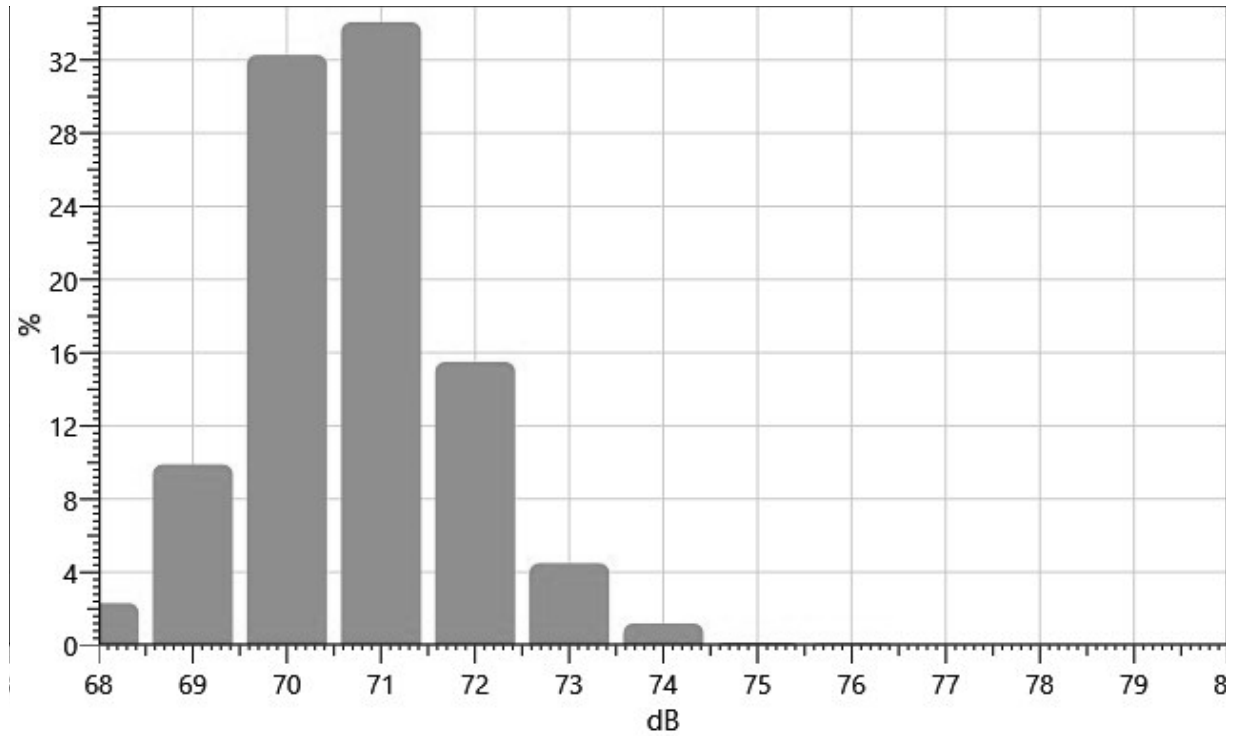
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	71.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
68:	0.00	0.23	0.12	0.16	0.27	0.35	0.19	0.23	0.32	0.43	2.31
69:	0.57	0.29	0.42	0.56	0.60	0.79	1.03	1.70	1.85	2.07	9.89
70:	1.72	2.14	2.41	3.12	3.21	3.54	3.63	4.49	4.20	3.82	32.28
71:	3.84	4.23	2.66	3.56	3.57	3.56	3.76	3.42	2.82	2.65	34.07
72:	2.26	1.80	2.05	2.17	1.89	1.39	1.09	1.20	0.86	0.77	15.49
73:	0.55	0.75	0.78	0.48	0.38	0.40	0.27	0.32	0.28	0.30	4.49
74:	0.24	0.11	0.08	0.13	0.12	0.13	0.19	0.16	0.03	0.02	1.20
75:	0.02	0.01	0.02	0.01	0.02	0.02	0.01	0.01	0.02	0.02	0.16
76:	0.03	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.11

Statistics Chart

S025_BIF090003_26082021_144846: Statistics Chart

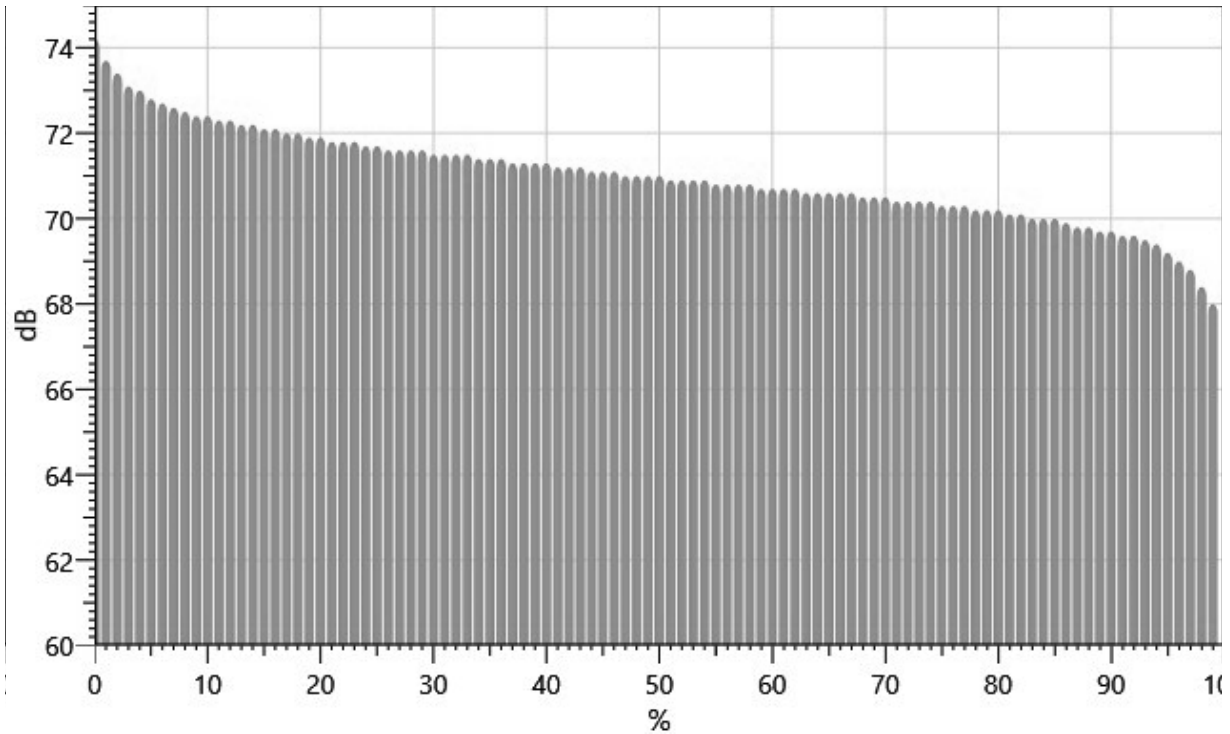


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		74.2	73.7	73.4	73.1	73.0	72.8	72.7	72.6	72.5
10%:	72.4	72.4	72.3	72.3	72.2	72.2	72.1	72.1	72.0	72.0
20%:	71.9	71.9	71.8	71.8	71.8	71.7	71.7	71.6	71.6	71.6
30%:	71.6	71.5	71.5	71.5	71.5	71.4	71.4	71.4	71.3	71.3
40%:	71.3	71.3	71.2	71.2	71.2	71.1	71.1	71.1	71.0	71.0
50%:	71.0	71.0	70.9	70.9	70.9	70.9	70.8	70.8	70.8	70.8
60%:	70.7	70.7	70.7	70.7	70.6	70.6	70.6	70.6	70.6	70.5
70%:	70.5	70.5	70.4	70.4	70.4	70.4	70.3	70.3	70.3	70.2
80%:	70.2	70.2	70.1	70.1	70.0	70.0	70.0	69.9	69.8	69.8
90%:	69.7	69.7	69.6	69.6	69.5	69.4	69.2	69.0	68.8	68.4
100%:	68.0									

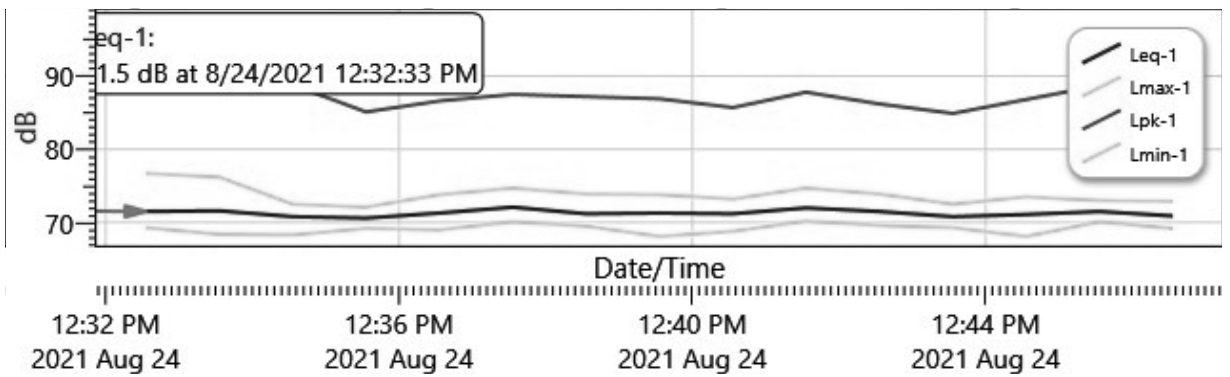
Exceedance Chart

S025_BIF090003_26082021_144846: Exceedance Chart



Logged Data Chart

S025_BIF090003_26082021_144846: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 12:32:33 PM	71.5	76.7	69.3	97.8
12:33:33 PM	71.6	76.2	68.4	90.4
12:34:33 PM	70.8	72.5	68.3	88.8
12:35:33 PM	70.6	72.1	69.2	85.1
12:36:33 PM	71.3	73.8	69	86.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:37:33 PM	72.1	74.7	70.1	87.5
12:38:33 PM	71.2	73.9	69.5	87.2
12:39:33 PM	71.3	73.8	68.1	86.9
12:40:33 PM	71.2	73.2	68.8	85.7
12:41:33 PM	72	74.7	70.2	87.8
12:42:33 PM	71.5	73.9	69.6	86.2
12:43:33 PM	70.8	72.5	69.3	84.9
12:44:33 PM	71.1	73.5	68.1	86.8
12:45:33 PM	71.5	73	70.1	88.7
12:46:33 PM	70.9	72.9	69.2	87.1

Session Report

8/26/2021

Information Panel

Name S052_BIG080015_26082021_160013
Start Time 8/24/2021 12:32:05 PM
Stop Time 8/24/2021 12:47:05 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter3_50' from Vinyl_Elmsmere-8-24_noon. Cicada noise present.

Summary Data Panel

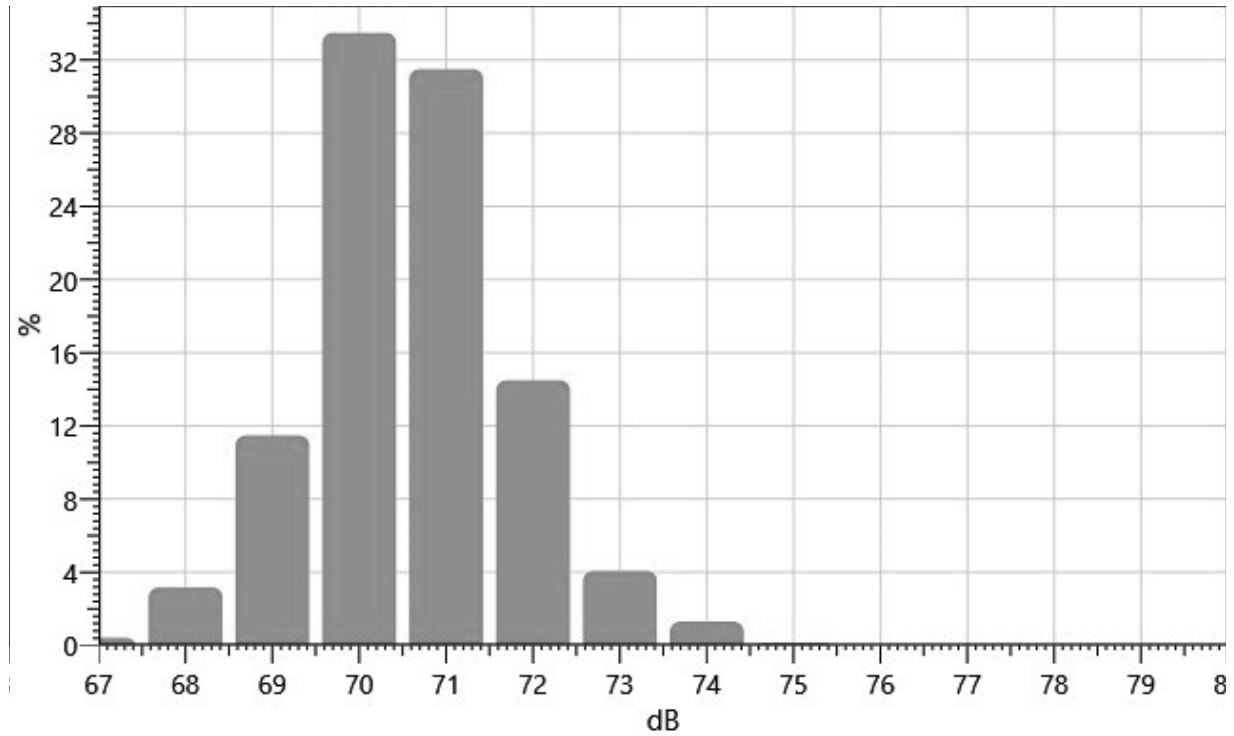
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	71.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
67:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.21	0.12	0.42
68:	0.15	0.25	0.26	0.24	0.31	0.36	0.38	0.43	0.38	0.39	3.17
69:	0.45	0.50	0.68	0.94	1.07	0.74	1.16	1.87	1.72	2.33	11.47
70:	2.54	2.20	2.75	3.44	3.83	3.66	3.70	3.67	3.74	3.95	33.48
71:	3.94	3.69	2.34	3.43	3.69	3.51	2.99	2.51	2.90	2.50	31.50
72:	2.01	1.98	2.05	1.54	1.26	1.33	1.45	1.32	0.93	0.62	14.48
73:	0.64	0.59	0.48	0.49	0.57	0.31	0.27	0.26	0.16	0.30	4.06
74:	0.27	0.20	0.13	0.20	0.18	0.09	0.09	0.09	0.03	0.02	1.30
75:	0.01	0.01	0.02	0.02	0.02	0.03	0.02	0.00	0.00	0.00	0.13

Statistics Chart

S052_BIG080015_26082021_160013: Statistics Chart

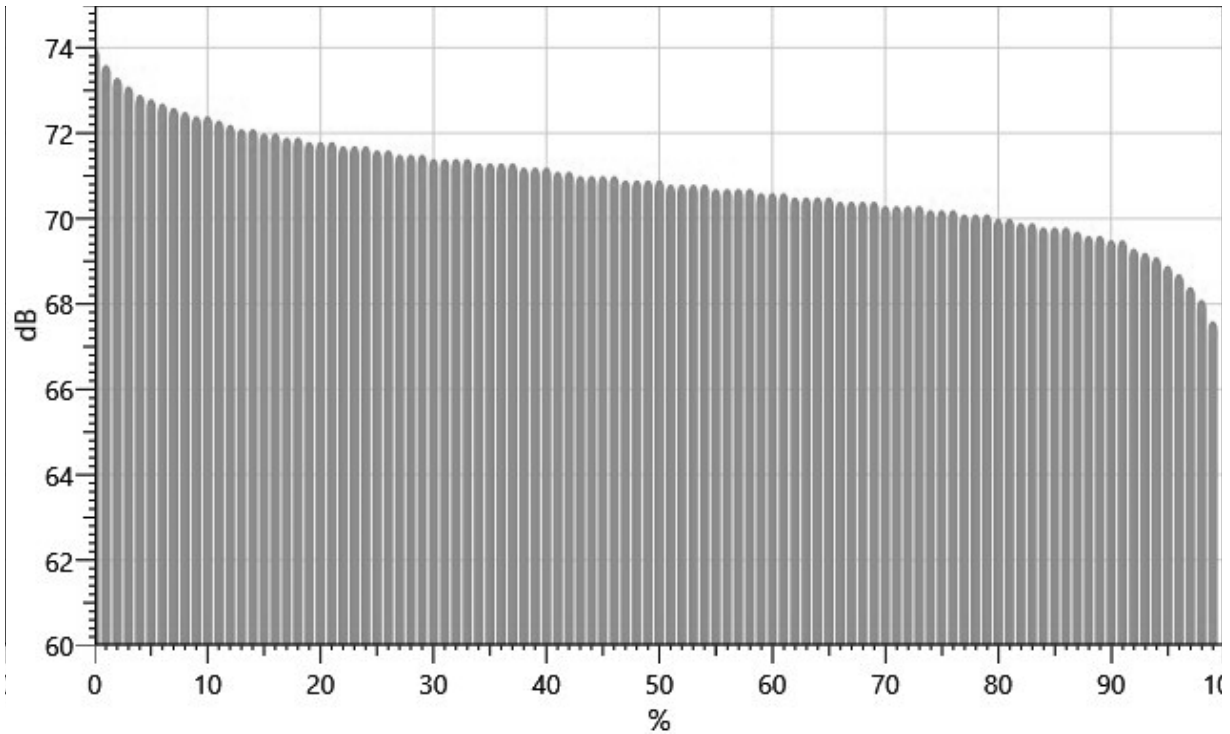


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		74.0	73.6	73.3	73.1	72.9	72.8	72.7	72.6	72.5
10%:	72.4	72.4	72.3	72.2	72.1	72.1	72.0	72.0	71.9	71.9
20%:	71.8	71.8	71.8	71.7	71.7	71.7	71.6	71.6	71.5	71.5
30%:	71.5	71.4	71.4	71.4	71.4	71.3	71.3	71.3	71.3	71.2
40%:	71.2	71.2	71.1	71.1	71.0	71.0	71.0	71.0	70.9	70.9
50%:	70.9	70.9	70.8	70.8	70.8	70.8	70.7	70.7	70.7	70.7
60%:	70.6	70.6	70.6	70.5	70.5	70.5	70.5	70.4	70.4	70.4
70%:	70.4	70.3	70.3	70.3	70.3	70.2	70.2	70.2	70.1	70.1
80%:	70.1	70.0	70.0	69.9	69.9	69.8	69.8	69.8	69.7	69.6
90%:	69.6	69.5	69.5	69.3	69.2	69.1	68.9	68.7	68.4	68.1
100%:	67.6									

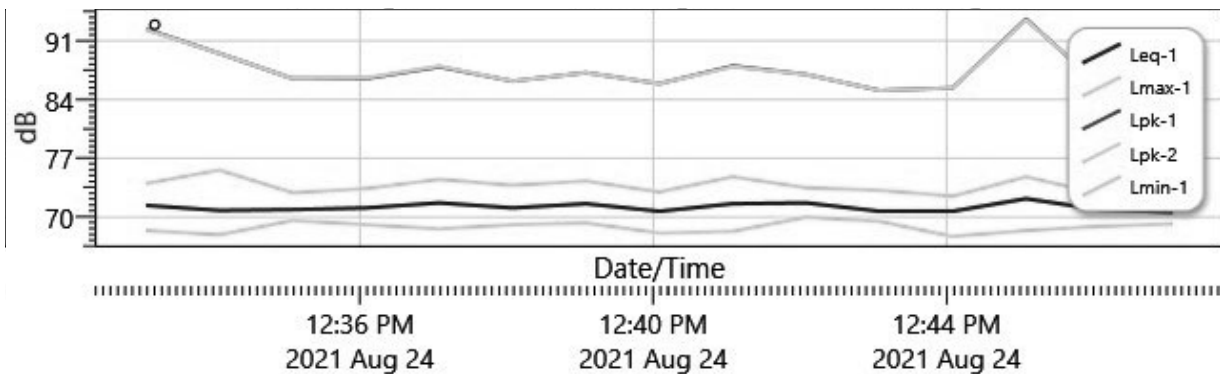
Exceedance Chart

S052_BIG080015_26082021_160013: Exceedance Chart



Logged Data Chart

S052_BIG080015_26082021_160013: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 12:33:05 PM	71.4	74	68.4	92.4
12:34:05 PM	70.8	75.6	67.9	89.5
12:35:05 PM	70.9	72.9	69.6	86.5
12:36:05 PM	71.1	73.4	69.1	86.5
12:37:05 PM	71.7	74.5	68.6	87.9

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:38:05 PM	71.1	73.8	69.1	86.2
12:39:05 PM	71.6	74.3	69.3	87.2
12:40:05 PM	70.7	73	68.1	85.9
12:41:05 PM	71.6	74.8	68.3	88
12:42:05 PM	71.7	73.5	70	87
12:43:05 PM	70.7	73.2	69.5	85.1
12:44:05 PM	70.7	72.5	67.7	85.4
12:45:05 PM	72.2	74.8	68.4	93.6
12:46:05 PM	70.9	72.8	68.9	85.7
12:47:05 PM	70.6	72.6	69.2	84.8

Session Report

8/26/2021

Information Panel

Name S007_BIH050001_26082021_172331
Start Time 8/24/2021 12:31:48 PM
Stop Time 8/24/2021 12:46:48 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4_100' from Vinyl_Elmsmere_8-24_noon. Cicadas present.

Summary Data Panel

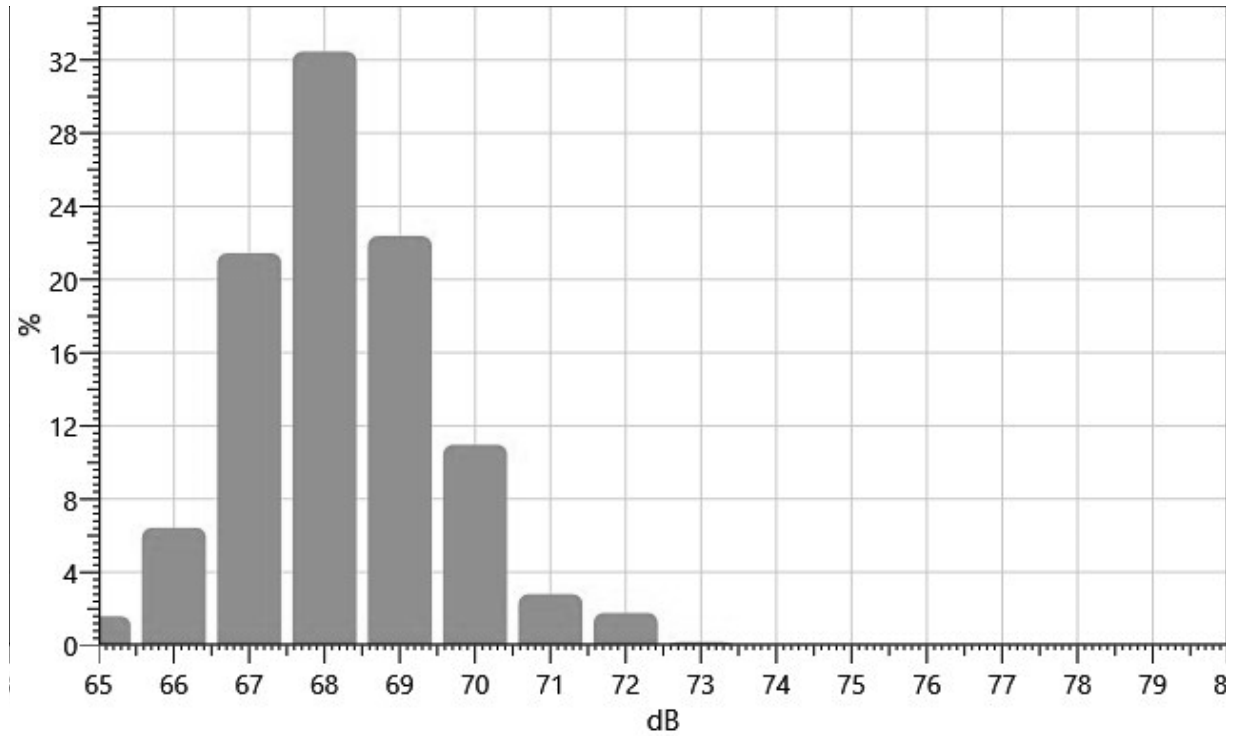
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	68.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
65:	0.02	0.10	0.08	0.21	0.13	0.22	0.17	0.28	0.19	0.18	1.59
66:	0.22	0.36	0.30	0.22	0.74	0.80	0.74	1.12	1.00	0.93	6.43
67:	0.84	0.95	1.50	1.84	1.90	2.77	2.33	2.82	3.16	3.34	21.44
68:	3.14	3.42	2.92	4.51	3.88	3.05	2.71	3.05	3.13	2.65	32.46
69:	2.30	2.09	2.56	2.46	2.30	2.47	2.32	2.38	1.72	1.77	22.38
70:	1.89	1.61	1.70	0.95	1.12	0.79	0.85	0.78	0.72	0.56	10.97
71:	0.54	0.57	0.23	0.32	0.29	0.27	0.19	0.23	0.10	0.07	2.80
72:	0.08	0.14	0.36	0.22	0.17	0.19	0.23	0.18	0.14	0.06	1.77
73:	0.07	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17

Statistics Chart

S007_BIH050001_26082021_172331: Statistics Chart

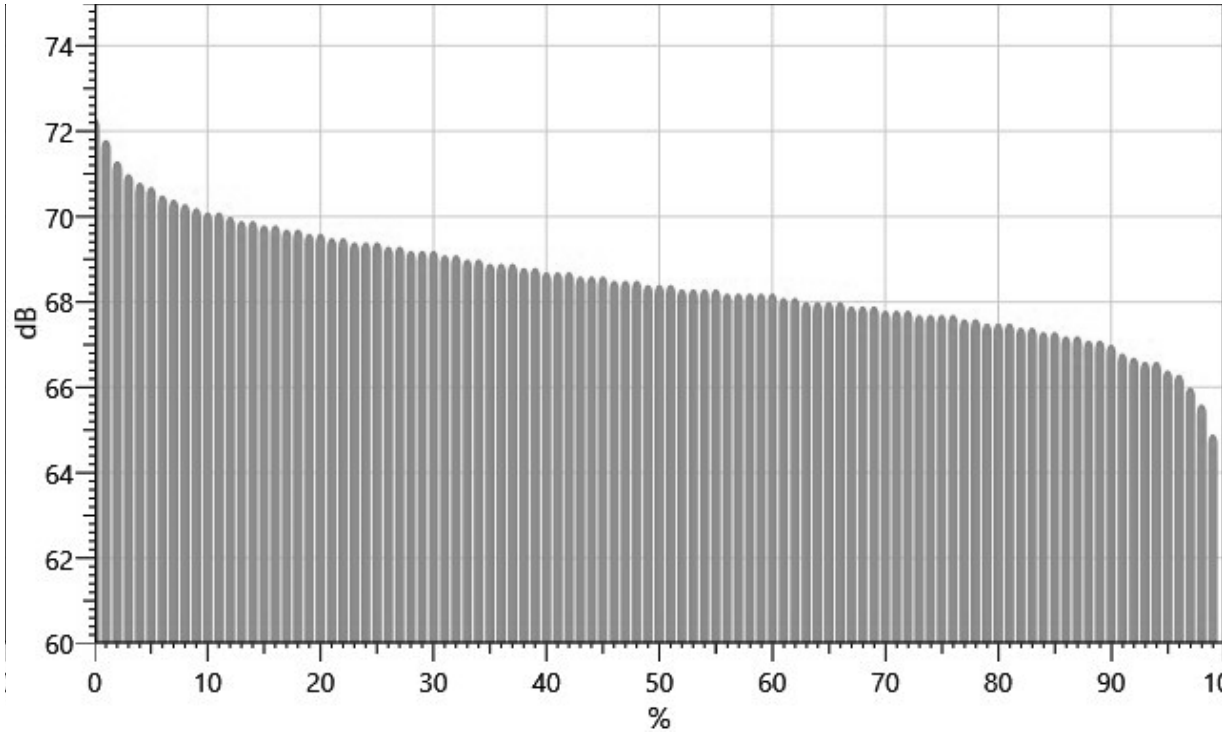


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		72.3	71.8	71.3	71.0	70.8	70.7	70.5	70.4	70.3
10%:	70.2	70.1	70.1	70.0	69.9	69.9	69.8	69.8	69.7	69.7
20%:	69.6	69.6	69.5	69.5	69.4	69.4	69.4	69.3	69.3	69.2
30%:	69.2	69.2	69.1	69.1	69.0	69.0	68.9	68.9	68.9	68.8
40%:	68.8	68.7	68.7	68.7	68.6	68.6	68.6	68.5	68.5	68.5
50%:	68.4	68.4	68.4	68.3	68.3	68.3	68.3	68.2	68.2	68.2
60%:	68.2	68.2	68.1	68.1	68.0	68.0	68.0	68.0	67.9	67.9
70%:	67.9	67.8	67.8	67.8	67.7	67.7	67.7	67.7	67.6	67.6
80%:	67.5	67.5	67.5	67.4	67.4	67.3	67.3	67.2	67.2	67.1
90%:	67.1	67.0	66.8	66.7	66.6	66.6	66.4	66.3	66.0	65.6
100%:	64.9									

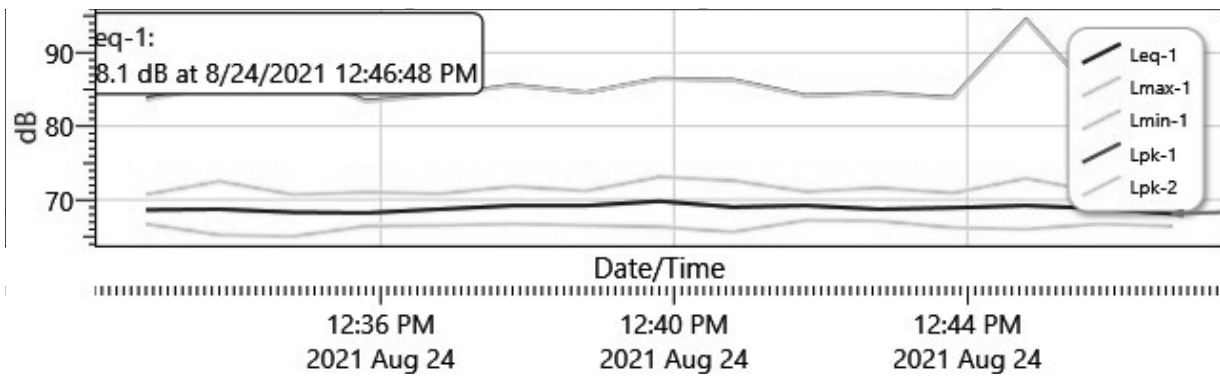
Exceedance Chart

S007_BIH050001_26082021_172331: Exceedance Chart



Logged Data Chart

S007_BIH050001_26082021_172331: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 12:32:48 PM	68.6	70.7	66.7	83.8
12:33:48 PM	68.7	72.5	65.2	85.5
12:34:48 PM	68.3	70.7	65	87.2
12:35:48 PM	68.2	71	66.4	83.5
12:36:48 PM	68.7	70.8	66.5	84.3

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:37:48 PM	69.2	71.8	66.7	85.6
12:38:48 PM	69.2	71.2	66.5	84.6
12:39:48 PM	69.8	73.1	66.3	86.5
12:40:48 PM	69	72.6	65.6	86.3
12:41:48 PM	69.2	71.1	67.2	84.2
12:42:48 PM	68.7	71.6	67.1	84.5
12:43:48 PM	68.9	70.9	66.2	83.9
12:44:48 PM	69.2	72.9	66	94.6
12:45:48 PM	68.8	71	66.7	83.6
12:46:48 PM	68.1	69.9	66.4	83.1

Session Report

8/26/2021

Information Panel

Name S346_BIF030001_26082021_185433
Start Time 8/24/2021 12:31:17 PM
Stop Time 8/24/2021 12:46:17 PM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' from Ex Vinyl - Elmsmere 8-24_noon

Summary Data Panel

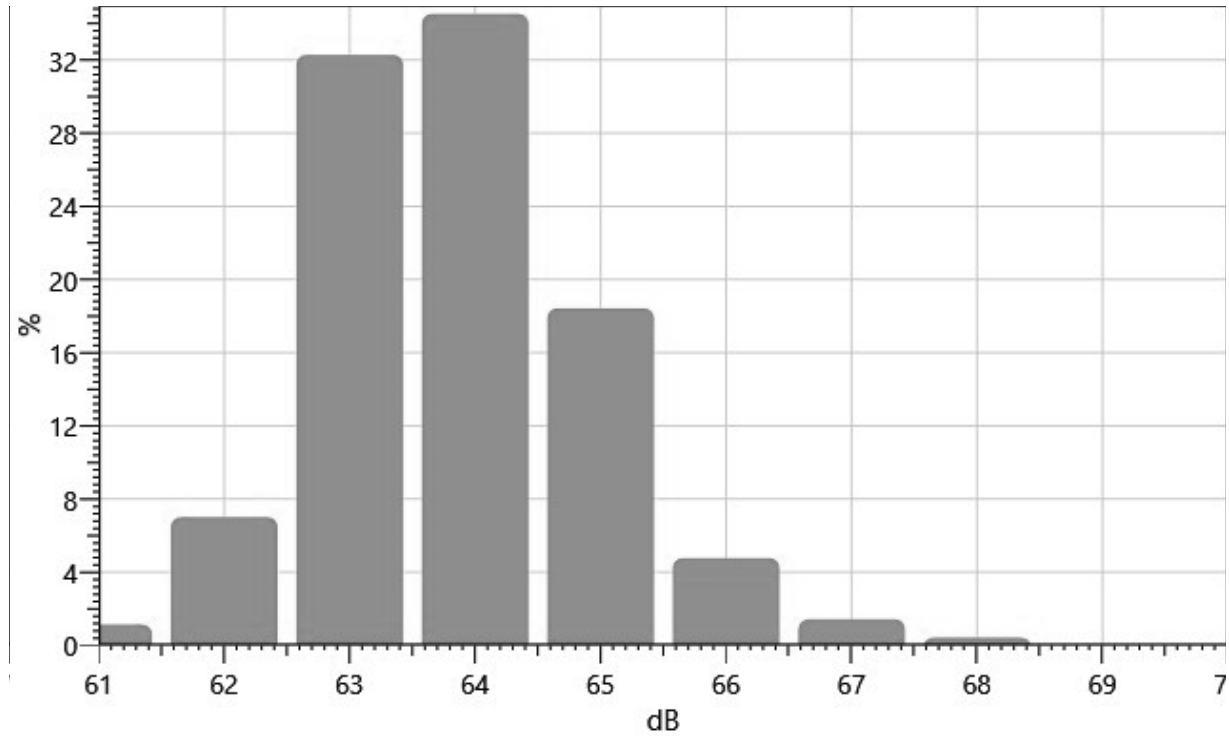
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	64.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
61:	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.18	0.40	0.32	1.14
62:	0.22	0.34	0.35	0.71	0.65	0.96	0.60	0.62	1.03	1.54	7.01
63:	2.46	2.39	2.52	2.39	2.96	3.55	4.01	4.13	4.03	3.84	32.28
64:	3.85	3.76	2.68	3.63	3.23	3.49	3.67	3.45	3.51	3.25	34.52
65:	2.64	2.51	2.26	2.51	2.05	1.68	1.39	1.16	1.43	0.80	18.43
66:	0.67	0.74	0.54	0.62	0.58	0.48	0.30	0.30	0.31	0.23	4.77
67:	0.32	0.35	0.17	0.20	0.12	0.11	0.08	0.03	0.03	0.03	1.43
68:	0.03	0.04	0.03	0.03	0.03	0.04	0.09	0.02	0.07	0.04	0.42

Statistics Chart

S346_BIF030001_26082021_185433: Statistics Chart

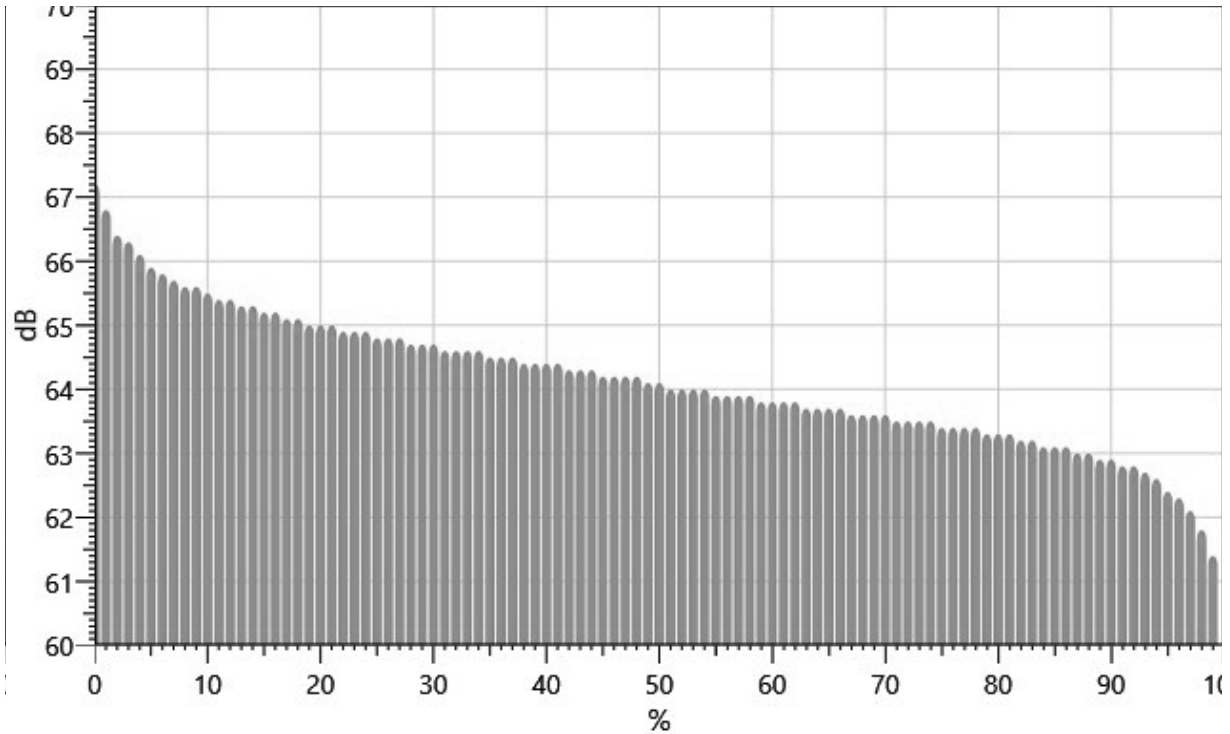


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		67.2	66.8	66.4	66.3	66.1	65.9	65.8	65.7	65.6
10%:	65.6	65.5	65.4	65.4	65.3	65.3	65.2	65.2	65.1	65.1
20%:	65.0	65.0	65.0	64.9	64.9	64.9	64.8	64.8	64.8	64.7
30%:	64.7	64.7	64.6	64.6	64.6	64.6	64.5	64.5	64.5	64.4
40%:	64.4	64.4	64.4	64.3	64.3	64.3	64.2	64.2	64.2	64.2
50%:	64.1	64.1	64.0	64.0	64.0	64.0	63.9	63.9	63.9	63.9
60%:	63.8	63.8	63.8	63.8	63.7	63.7	63.7	63.7	63.6	63.6
70%:	63.6	63.6	63.5	63.5	63.5	63.5	63.4	63.4	63.4	63.4
80%:	63.3	63.3	63.3	63.2	63.2	63.1	63.1	63.1	63.0	63.0
90%:	62.9	62.9	62.8	62.8	62.7	62.6	62.4	62.3	62.1	61.8
100%:	61.4									

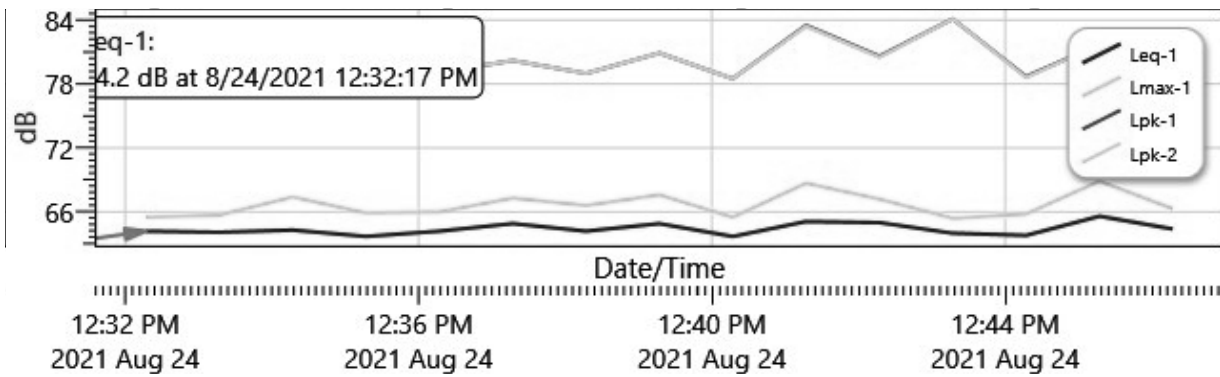
Exceedance Chart

S346_BIF030001_26082021_185433: Exceedance Chart



Logged Data Chart

S346_BIF030001_26082021_185433: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 12:32:17 PM	64.2	65.5	62.9	78.8
12:33:17 PM	64.1	65.7	61.7	82.1
12:34:17 PM	64.3	67.4	61.5	81.7
12:35:17 PM	63.7	65.9	62.2	81.7
12:36:17 PM	64.2	66	62.8	79.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
12:37:17 PM	64.9	67.3	62.3	80.2
12:38:17 PM	64.2	66.6	62.9	79
12:39:17 PM	64.9	67.6	62.5	80.9
12:40:17 PM	63.7	65.5	61.6	78.5
12:41:17 PM	65.1	68.7	63.4	83.5
12:42:17 PM	65	67.2	63.2	80.6
12:43:17 PM	64	65.4	62.7	84.1
12:44:17 PM	63.8	65.8	62.1	78.7
12:45:17 PM	65.6	68.9	63.7	81.7
12:46:17 PM	64.4	66.3	62.7	80.1

Session Report

8/26/2021

Information Panel

Name S025_BIF090005_26082021_130532
Start Time 8/24/2021 12:32:01 PM
Stop Time 8/24/2021 12:47:01 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter1 - TOW- Ex 8-24-Little John Rd.-noon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	83.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

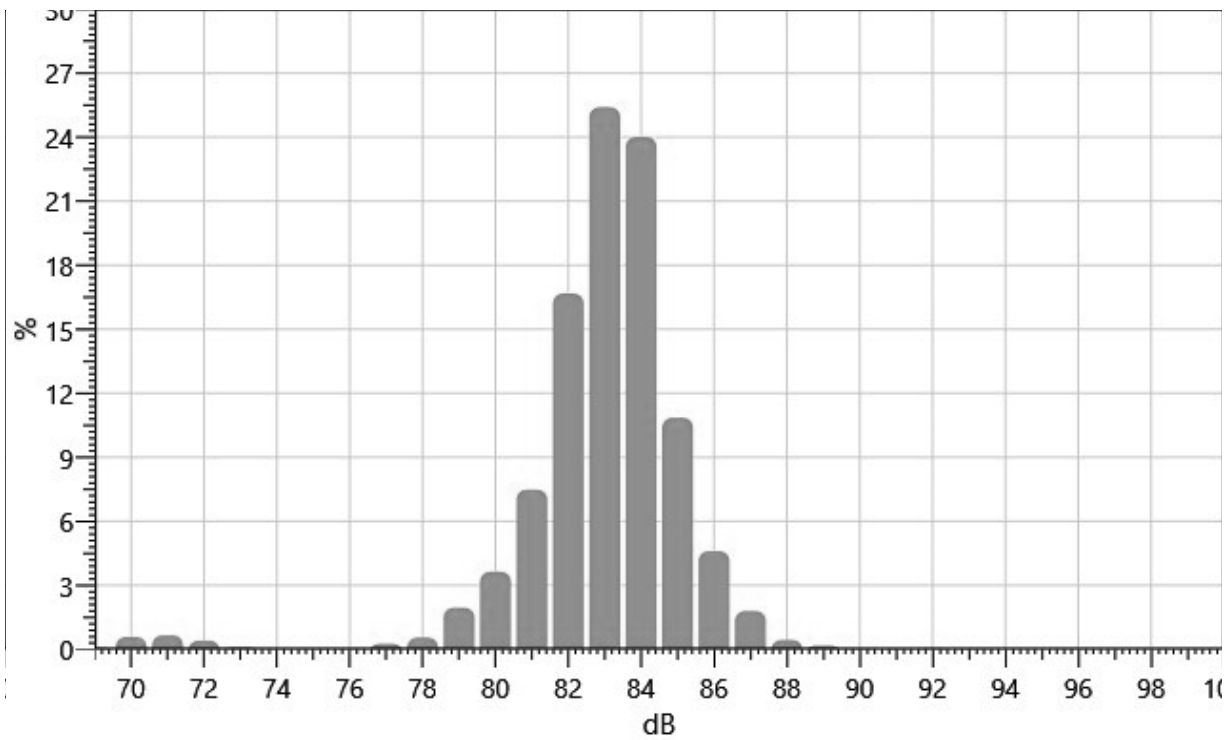
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
69:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08
70:	0.03	0.02	0.03	0.06	0.06	0.07	0.06	0.09	0.06	0.10	0.58
71:	0.10	0.09	0.16	0.06	0.05	0.05	0.03	0.04	0.03	0.06	0.66
72:	0.14	0.06	0.04	0.02	0.04	0.07	0.01	0.01	0.01	0.01	0.41
73:	0.02	0.03	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.10
74:	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
75:	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
76:	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.04
77:	0.07	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.02	0.02	0.27
78:	0.02	0.05	0.07	0.03	0.04	0.05	0.05	0.04	0.04	0.17	0.55
79:	0.18	0.13	0.13	0.22	0.18	0.13	0.13	0.23	0.24	0.38	1.96
80:	0.28	0.29	0.22	0.30	0.33	0.37	0.51	0.48	0.39	0.47	3.64
81:	0.48	0.53	0.67	0.30	0.66	0.82	0.73	1.02	0.97	1.29	7.48
82:	1.07	1.19	1.42	1.66	1.76	1.73	2.02	1.86	1.93	2.03	16.67

83:	2.38	2.38	2.54	2.26	2.66	2.40	2.46	2.62	2.72	2.99	25.40
84:	3.02	2.84	2.83	2.05	2.52	2.54	2.44	1.97	1.96	1.84	24.01
85:	1.59	1.48	1.30	1.14	1.01	0.89	0.86	0.92	0.87	0.80	10.86
86:	0.54	0.56	0.51	0.50	0.58	0.61	0.46	0.28	0.29	0.29	4.61
87:	0.26	0.37	0.30	0.16	0.15	0.15	0.12	0.11	0.13	0.06	1.80
88:	0.05	0.05	0.06	0.05	0.09	0.06	0.03	0.02	0.03	0.02	0.45
89:	0.03	0.05	0.06	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.18
90:	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.04
91:	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.05
92:	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.06
93:	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

Statistics Chart

S025_BIF090005_26082021_130532: Statistics Chart



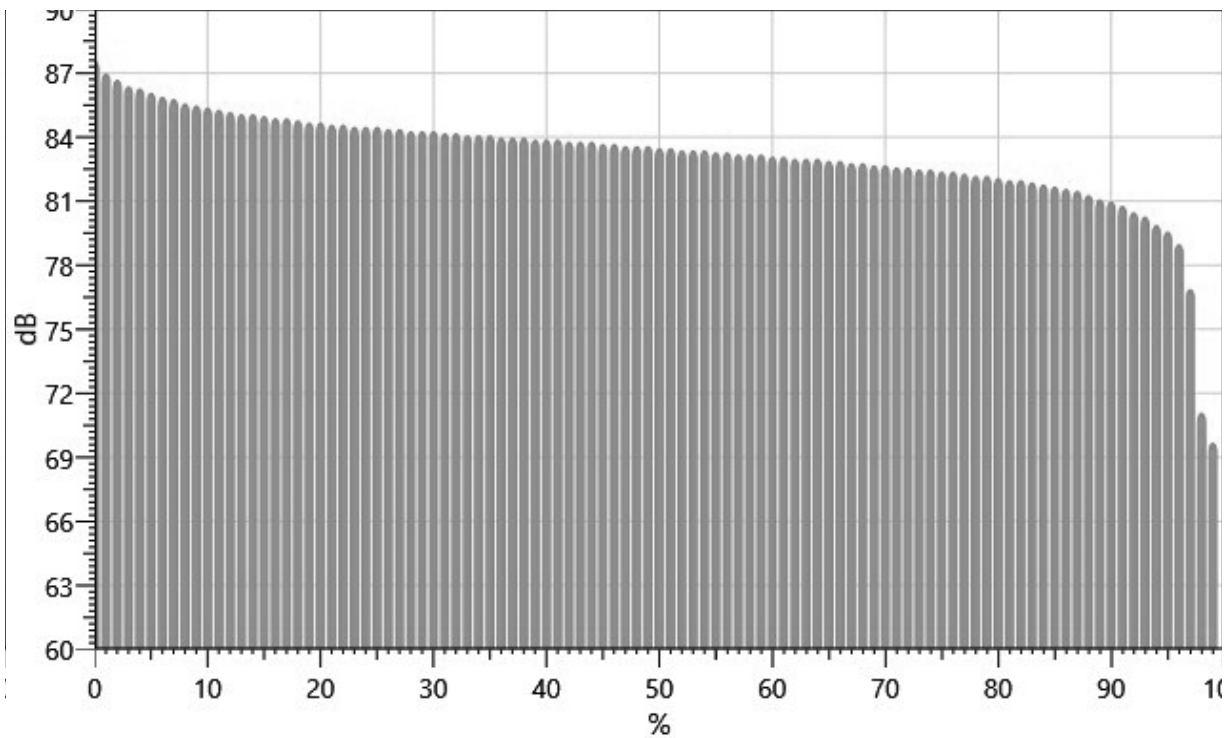
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		87.6	87.0	86.7	86.4	86.3	86.1	85.9	85.8	85.6
10%:	85.5	85.4	85.3	85.2	85.1	85.1	85.0	84.9	84.9	84.8
20%:	84.7	84.7	84.6	84.6	84.5	84.5	84.5	84.4	84.4	84.3
30%:	84.3	84.3	84.2	84.2	84.1	84.1	84.1	84.0	84.0	84.0

40%:	83.9	83.9	83.9	83.8	83.8	83.8	83.7	83.7	83.6	83.6
50%:	83.6	83.5	83.5	83.4	83.4	83.4	83.3	83.3	83.2	83.2
60%:	83.2	83.1	83.1	83.0	83.0	83.0	82.9	82.9	82.8	82.8
70%:	82.7	82.7	82.6	82.6	82.5	82.5	82.4	82.4	82.3	82.2
80%:	82.2	82.1	82.0	82.0	81.9	81.8	81.7	81.6	81.5	81.3
90%:	81.1	81.0	80.8	80.5	80.3	79.9	79.6	79.0	76.9	71.1
100%:	69.7									

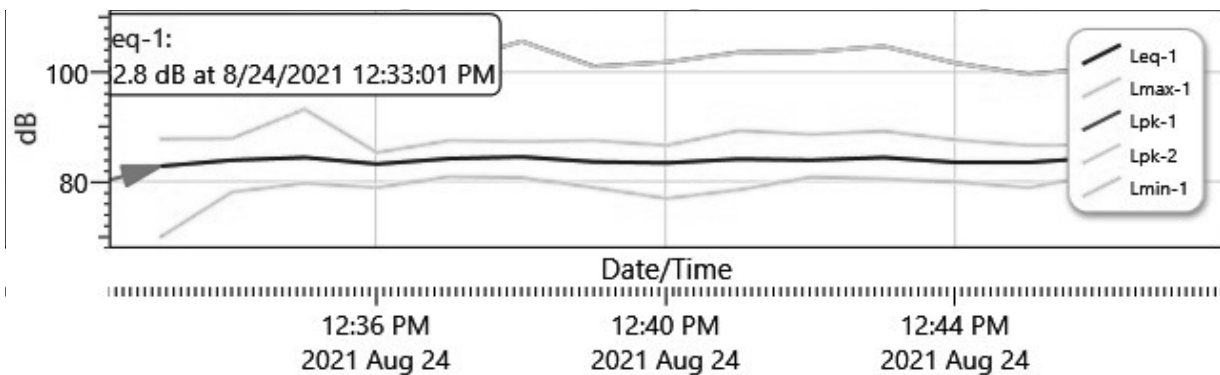
Exceedance Chart

S025_BIF090005_26082021_130532: Exceedance Chart



Logged Data Chart

S025_BIF090005_26082021_130532: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 12:33:01 PM	82.8	87.8	69.8	102.2
12:34:01 PM	83.9	87.9	78.1	102
12:35:01 PM	84.4	93.2	79.7	109.5
12:36:01 PM	83.2	85.3	78.9	98.8
12:37:01 PM	84.2	87.5	80.9	101.8
12:38:01 PM	84.5	87.3	80.7	105.6
12:39:01 PM	83.6	87.5	78.9	101
12:40:01 PM	83.4	86.6	76.9	101.8
12:41:01 PM	84.1	89.3	78.5	103.6
12:42:01 PM	83.9	88.6	80.8	103.7
12:43:01 PM	84.4	89.2	80.5	104.7
12:44:01 PM	83.5	87.6	79.9	101.6
12:45:01 PM	83.5	86.6	78.9	99.6
12:46:01 PM	84.4	86.7	81.3	100.8
12:47:01 PM	84.2	87.4	81.4	101

Session Report

8/26/2021

Information Panel

Name S026_BIF090003_26082021_144847
Start Time 8/24/2021 1:36:41 PM
Stop Time 8/24/2021 1:51:41 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2_5' from Ex_Little John Rd._noon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

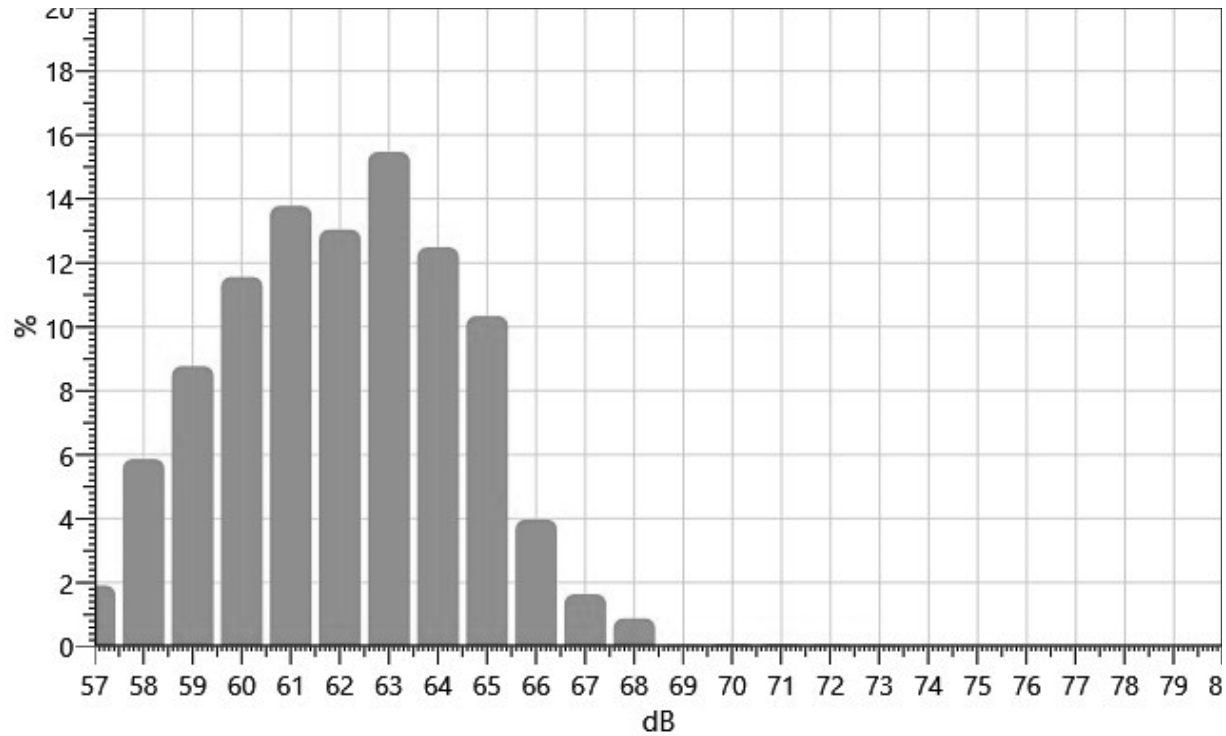
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.00	0.00	0.05	0.06	0.11	0.18	0.36	0.55	0.60	1.91
58:	0.56	0.46	0.40	0.64	0.85	0.53	0.68	0.60	0.34	0.81	5.86
59:	1.01	0.79	0.94	0.71	1.02	0.94	0.74	0.82	0.90	0.89	8.77
60:	1.19	1.07	1.25	1.29	1.48	1.31	0.90	0.89	0.92	1.25	11.56
61:	1.20	1.24	1.87	1.57	1.50	1.55	1.36	1.19	1.25	1.05	13.78
62:	1.25	0.73	1.00	1.25	1.65	1.53	1.56	1.53	1.25	1.30	13.04
63:	1.75	1.49	1.37	1.32	1.43	1.46	1.91	1.77	1.50	1.47	15.47
64:	1.44	1.30	1.23	1.22	1.01	1.40	1.40	1.21	1.19	1.08	12.49
65:	1.08	1.00	0.87	1.34	1.38	1.23	0.83	0.77	1.06	0.77	10.34
66:	0.71	0.51	0.59	0.37	0.41	0.31	0.32	0.22	0.26	0.27	3.97
67:	0.26	0.17	0.17	0.11	0.10	0.18	0.22	0.18	0.12	0.15	1.64
68:	0.14	0.23	0.08	0.09	0.07	0.03	0.15	0.03	0.03	0.01	0.88
69:	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.05
70:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07

71:	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.07
72:	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.05
73:	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S026_BIF090003_26082021_144847: Statistics Chart

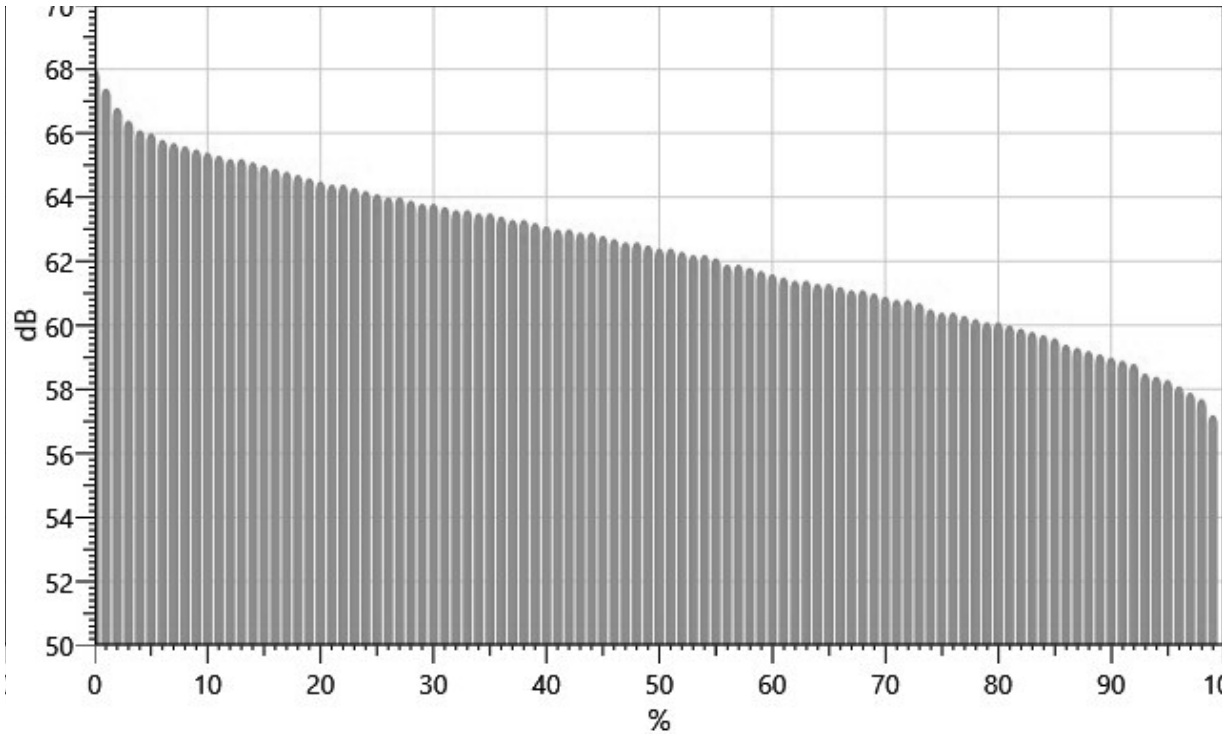


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		68.0	67.4	66.8	66.4	66.1	66.0	65.8	65.7	65.6
10%:	65.5	65.4	65.3	65.2	65.2	65.1	65.0	64.9	64.8	64.7
20%:	64.6	64.5	64.4	64.4	64.3	64.2	64.1	64.0	64.0	63.9
30%:	63.8	63.8	63.7	63.6	63.6	63.5	63.5	63.4	63.3	63.3
40%:	63.2	63.1	63.0	63.0	62.9	62.9	62.8	62.7	62.6	62.6
50%:	62.5	62.4	62.4	62.3	62.2	62.2	62.1	61.9	61.9	61.8
60%:	61.7	61.6	61.5	61.4	61.4	61.3	61.3	61.2	61.1	61.1
70%:	61.0	60.9	60.8	60.8	60.7	60.5	60.4	60.4	60.3	60.2
80%:	60.1	60.1	60.0	59.9	59.8	59.7	59.6	59.4	59.3	59.2
90%:	59.1	59.0	58.9	58.8	58.5	58.4	58.3	58.1	57.9	57.7
100%:	57.2									

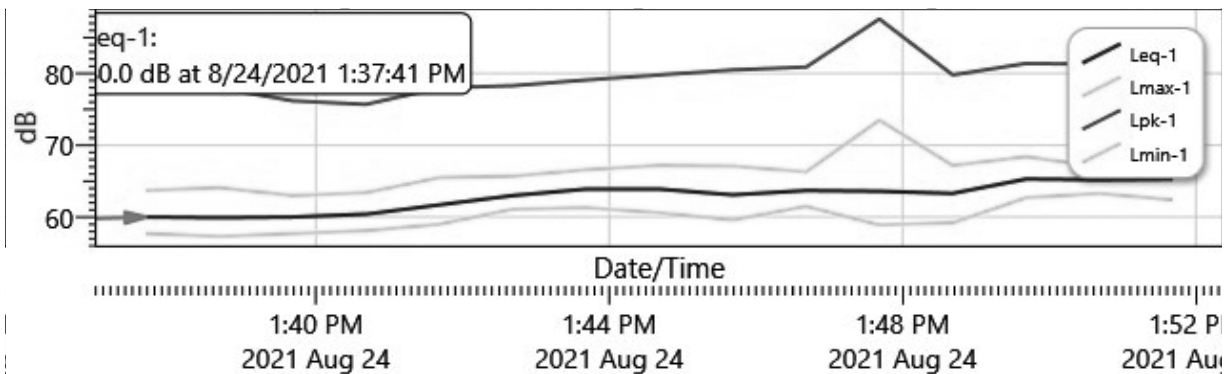
Exceedance Chart

S026_BIF090003_26082021_144847: Exceedance Chart



Logged Data Chart

S026_BIF090003_26082021_144847: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 1:37:41 PM	60	63.7	57.7	78.9
1:38:41 PM	59.9	64.1	57.3	78
1:39:41 PM	60	63	57.7	76.2
1:40:41 PM	60.4	63.4	58.1	75.7
1:41:41 PM	61.7	65.5	59	78

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:42:41 PM	63	65.7	61.1	78.3
1:43:41 PM	63.9	66.6	61.3	79.1
1:44:41 PM	63.9	67.2	60.6	79.8
1:45:41 PM	63.1	67.1	59.6	80.5
1:46:41 PM	63.7	66.3	61.5	80.9
1:47:41 PM	63.6	73.5	58.9	87.6
1:48:41 PM	63.3	67.2	59.2	79.8
1:49:41 PM	65.3	68.4	62.7	81.4
1:50:41 PM	65.2	67	63.3	81.3
1:51:41 PM	65.3	68.9	62.4	81.3

Session Report

8/26/2021

Information Panel

Name S053_BIG080015_26082021_160014
Start Time 8/24/2021 1:36:37 PM
Stop Time 8/24/2021 1:51:37 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter3_50' from Ex_Little John Rd._8-24_noon

Summary Data Panel

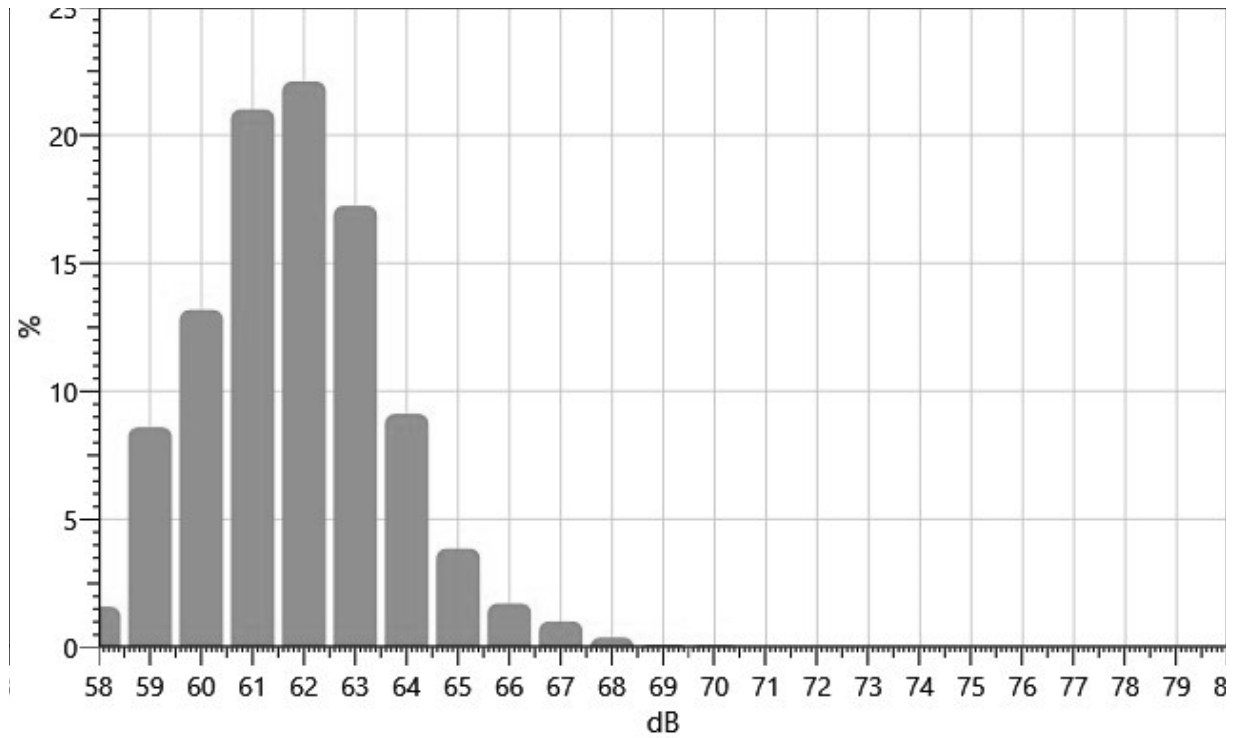
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	62.6 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.00	0.00	0.00	0.00	0.00	0.35	0.13	0.19	0.31	0.60	1.59
59:	0.99	0.64	0.78	0.68	0.79	0.54	0.73	1.09	1.05	1.31	8.59
60:	1.10	1.11	1.49	0.93	1.04	1.37	1.79	1.66	1.12	1.57	13.18
61:	2.01	2.22	1.99	2.03	2.38	2.71	1.90	1.55	2.09	2.10	21.01
62:	2.10	1.88	1.62	1.68	1.74	2.04	2.27	2.90	3.07	2.79	22.10
63:	2.03	2.37	2.17	2.18	1.74	1.38	1.14	1.27	1.58	1.39	17.24
64:	1.18	1.26	0.90	0.83	0.76	0.64	1.06	1.04	0.74	0.71	9.12
65:	0.66	0.51	0.53	0.37	0.31	0.27	0.23	0.38	0.33	0.27	3.86
66:	0.31	0.29	0.23	0.25	0.21	0.07	0.12	0.08	0.10	0.06	1.71
67:	0.10	0.09	0.11	0.19	0.14	0.11	0.08	0.10	0.05	0.04	1.02
68:	0.06	0.09	0.03	0.03	0.04	0.08	0.03	0.01	0.01	0.01	0.39
69:	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.11
70:	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.09

Statistics Chart

S053_BIG080015_26082021_160014: Statistics Chart

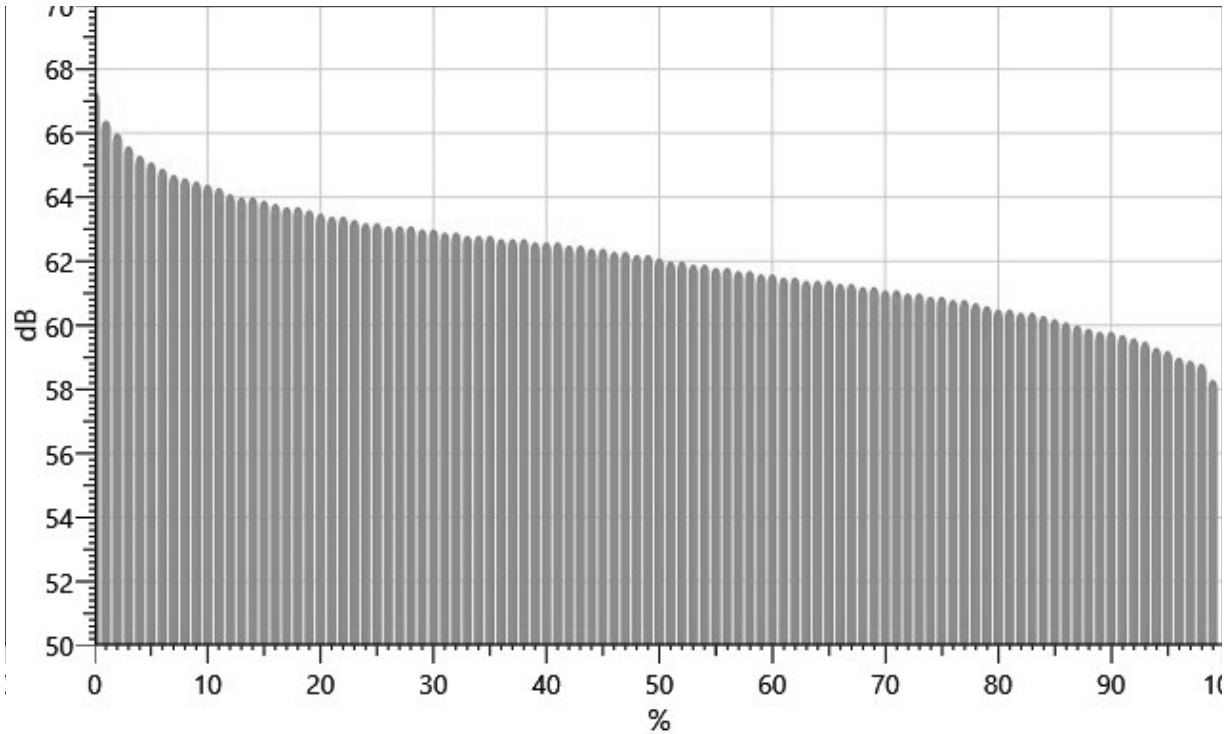


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		67.3	66.4	66.0	65.6	65.3	65.1	64.9	64.7	64.6
10%:	64.5	64.4	64.3	64.1	64.0	64.0	63.9	63.8	63.7	63.7
20%:	63.6	63.5	63.4	63.4	63.3	63.2	63.2	63.1	63.1	63.1
30%:	63.0	63.0	62.9	62.9	62.8	62.8	62.8	62.7	62.7	62.7
40%:	62.6	62.6	62.6	62.5	62.5	62.4	62.4	62.3	62.3	62.2
50%:	62.2	62.1	62.0	62.0	61.9	61.9	61.8	61.8	61.7	61.7
60%:	61.6	61.6	61.5	61.5	61.4	61.4	61.4	61.3	61.3	61.2
70%:	61.2	61.1	61.1	61.0	61.0	60.9	60.9	60.8	60.8	60.7
80%:	60.6	60.5	60.5	60.4	60.4	60.3	60.2	60.1	60.0	59.9
90%:	59.8	59.8	59.7	59.6	59.5	59.3	59.2	59.0	58.9	58.8
100%:	58.3									

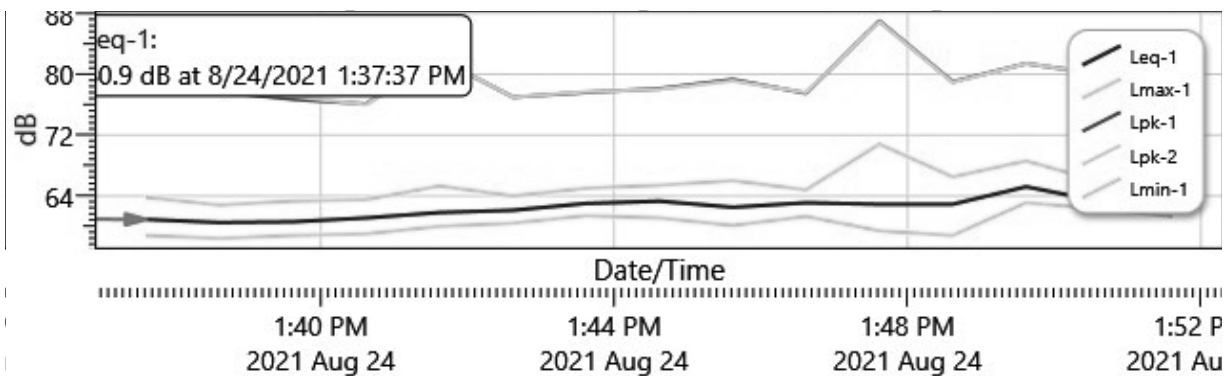
Exceedance Chart

S053_BIG080015_26082021_160014: Exceedance Chart



Logged Data Chart

S053_BIG080015_26082021_160014: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 1:37:37 PM	60.9	63.8	58.8	82.3
1:38:37 PM	60.5	62.8	58.4	77.7
1:39:37 PM	60.6	63.3	58.8	76.7
1:40:37 PM	61.1	63.5	59	76.1
1:41:37 PM	61.8	65.3	60	82

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:42:37 PM	62.1	64	60.4	77
1:43:37 PM	63	65	61.4	77.6
1:44:37 PM	63.3	65.4	61.1	78.1
1:45:37 PM	62.5	66	60.1	79.3
1:46:37 PM	63.1	64.8	61.3	77.5
1:47:37 PM	62.9	70.8	59.4	87
1:48:37 PM	62.9	66.5	58.8	79
1:49:37 PM	65.2	68.6	63.1	81.4
1:50:37 PM	63.3	65.9	62.3	80
1:51:37 PM	64.3	67.5	61.3	80.3

Session Report

8/26/2021

Information Panel

Name S008_BIH050001_26082021_183956
Start Time 8/24/2021 1:36:23 PM
Stop Time 8/24/2021 1:51:23 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from Ex_Little John Rd. 8-24_noon

Summary Data Panel

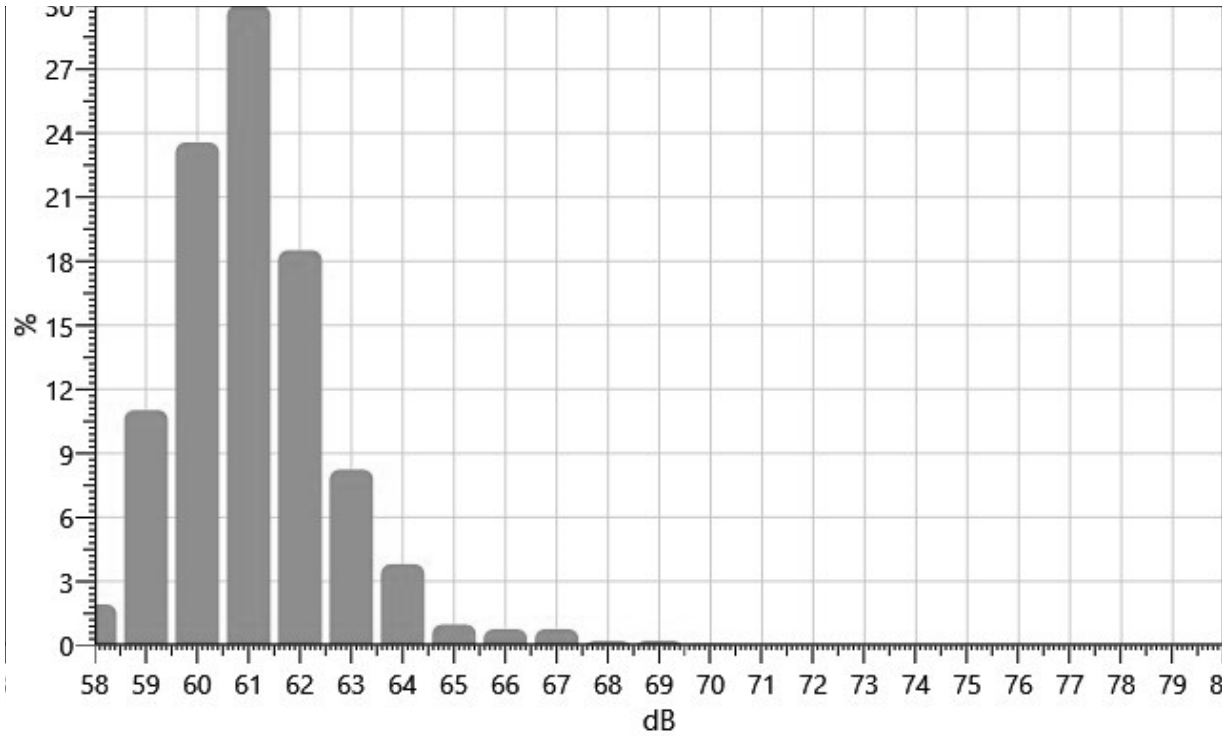
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	61.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.00	0.02	0.14	0.21	0.24	0.16	0.14	0.23	0.17	0.60	1.92
59:	0.59	0.60	1.08	0.69	0.89	1.40	1.10	1.09	1.55	2.05	11.02
60:	1.94	1.80	1.68	2.32	2.78	2.66	2.37	2.37	2.72	2.92	23.57
61:	2.99	3.32	2.80	3.29	2.81	2.78	2.83	2.77	2.85	3.53	29.97
62:	2.64	2.42	2.34	1.47	1.70	1.72	1.28	1.74	1.71	1.48	18.51
63:	1.23	1.19	0.80	0.68	0.88	0.81	0.73	0.74	0.64	0.55	8.23
64:	0.44	0.64	0.50	0.30	0.42	0.44	0.23	0.36	0.29	0.19	3.81
65:	0.09	0.07	0.11	0.09	0.17	0.12	0.09	0.10	0.08	0.06	0.98
66:	0.09	0.08	0.08	0.07	0.03	0.03	0.04	0.09	0.10	0.15	0.75
67:	0.12	0.05	0.11	0.08	0.06	0.12	0.11	0.07	0.02	0.02	0.76
68:	0.03	0.03	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.20
69:	0.02	0.02	0.01	0.01	0.02	0.02	0.01	0.02	0.04	0.03	0.21
70:	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.00	0.07

Statistics Chart

S008_BIH050001_26082021_183956: Statistics Chart

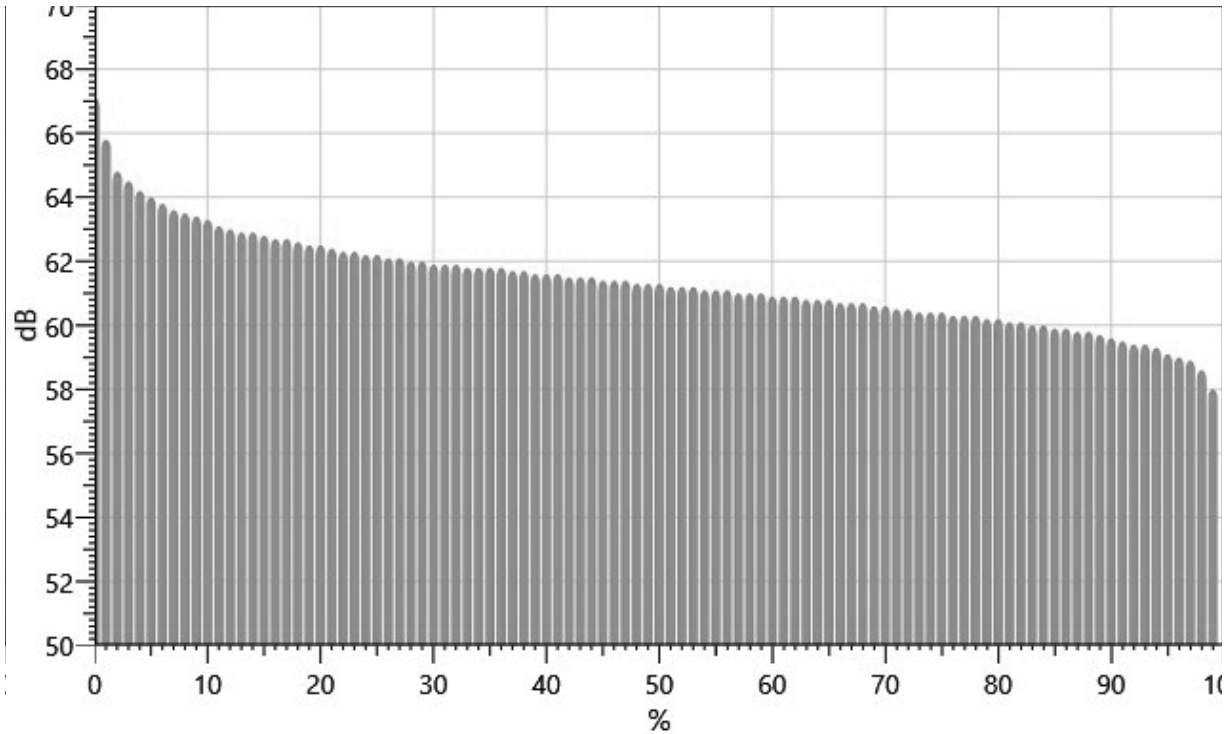


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		67.1	65.8	64.8	64.5	64.2	64.0	63.8	63.6	63.5
10%:	63.4	63.3	63.1	63.0	62.9	62.9	62.8	62.7	62.7	62.6
20%:	62.5	62.5	62.4	62.3	62.3	62.2	62.2	62.1	62.1	62.0
30%:	62.0	61.9	61.9	61.9	61.8	61.8	61.8	61.8	61.7	61.7
40%:	61.6	61.6	61.6	61.5	61.5	61.5	61.4	61.4	61.4	61.3
50%:	61.3	61.3	61.2	61.2	61.2	61.1	61.1	61.1	61.0	61.0
60%:	61.0	60.9	60.9	60.9	60.8	60.8	60.8	60.7	60.7	60.7
70%:	60.6	60.6	60.5	60.5	60.4	60.4	60.4	60.3	60.3	60.3
80%:	60.2	60.2	60.1	60.1	60.0	60.0	59.9	59.9	59.8	59.8
90%:	59.7	59.6	59.5	59.4	59.4	59.3	59.1	59.0	58.9	58.6
100%:	58.0									

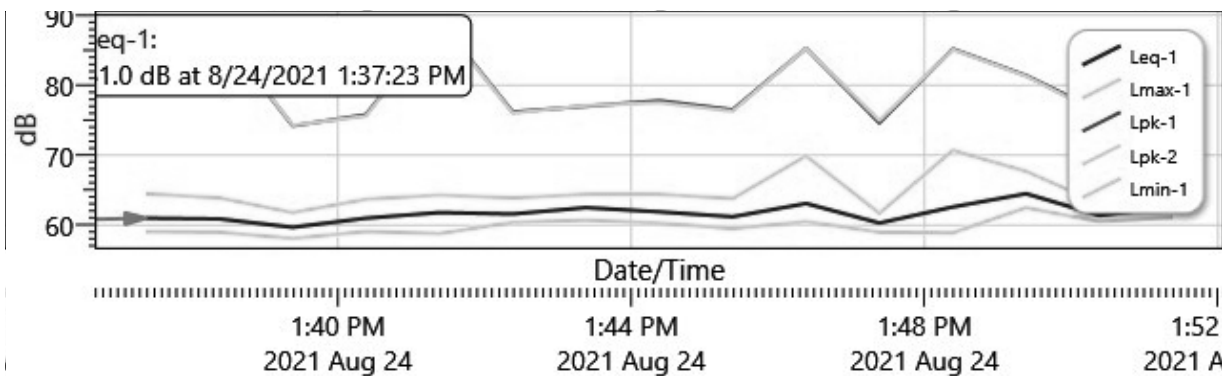
Exceedance Chart

S008_BIH050001_26082021_183956: Exceedance Chart



Logged Data Chart

S008_BIH050001_26082021_183956: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 1:37:23 PM	61	64.5	59.1	89.2
1:38:23 PM	60.9	63.9	59	87.7
1:39:23 PM	59.7	61.8	58.1	74.2
1:40:23 PM	61	63.7	59.1	75.8
1:41:23 PM	61.8	64.3	58.8	89.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:42:23 PM	61.6	63.9	60.4	76.2
1:43:23 PM	62.5	64.4	60.7	77
1:44:23 PM	61.9	64.4	60.3	77.8
1:45:23 PM	61.2	63.8	59.5	76.5
1:46:23 PM	63.1	69.9	60.5	85.3
1:47:23 PM	60.3	61.7	59	74.6
1:48:23 PM	62.6	70.7	58.9	85.2
1:49:23 PM	64.5	67.7	62.5	81.4
1:50:23 PM	61.4	63.1	60.5	76.3
1:51:23 PM	62.6	66.3	61.1	82.7

Session Report

8/26/2021

Information Panel

Name S347_BIF030001_26082021_185434
Start Time 8/24/2021 1:35:54 PM
Stop Time 8/24/2021 1:50:54 PM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' from Ex-Little John Rd._8-24_noon

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	59.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

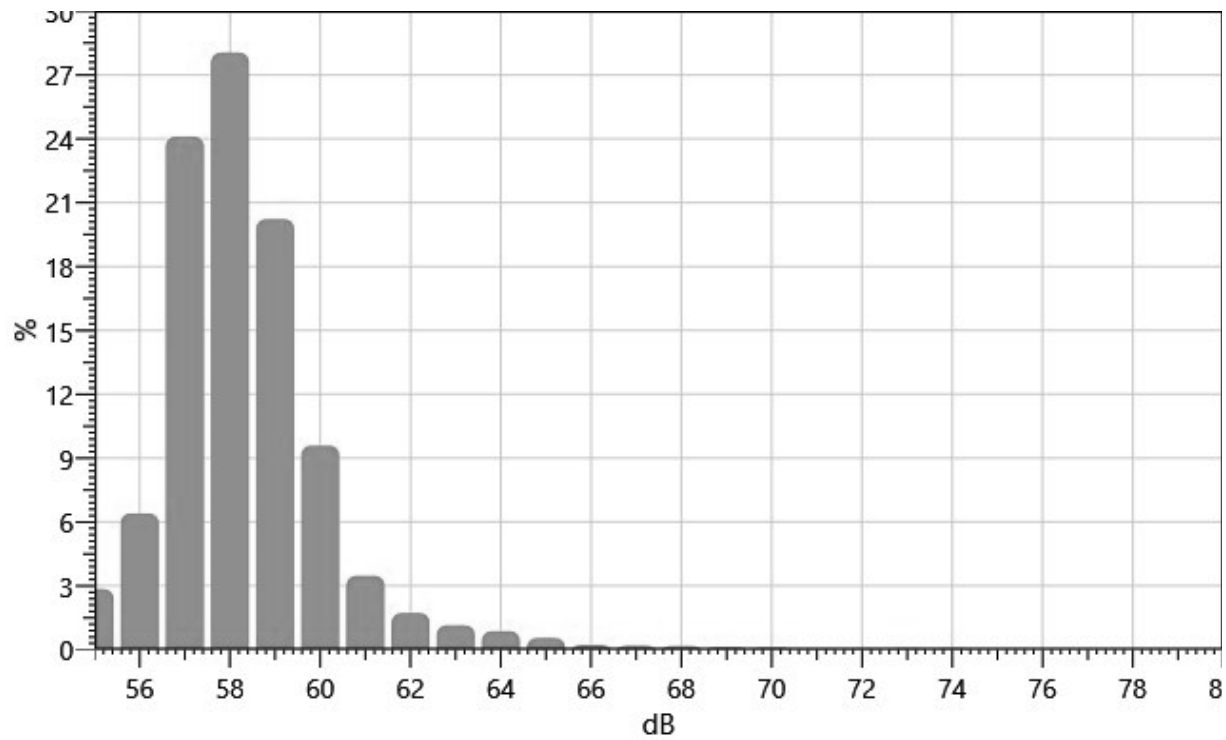
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
55:	0.00	0.09	0.12	0.50	0.39	0.47	0.52	0.31	0.19	0.25	2.85
56:	0.54	0.63	0.51	0.50	0.42	0.60	0.60	0.49	0.84	1.28	6.40
57:	0.82	0.91	1.64	2.06	2.17	2.51	2.78	3.34	4.16	3.72	24.11
58:	3.84	3.40	2.19	3.02	2.89	2.52	2.60	2.60	2.34	2.64	28.05
59:	2.65	2.35	1.97	1.89	2.01	1.78	2.11	2.21	1.81	1.45	20.23
60:	1.26	1.22	1.14	1.13	1.02	0.96	0.94	0.69	0.56	0.66	9.59
61:	0.71	0.52	0.27	0.36	0.29	0.32	0.25	0.24	0.28	0.23	3.48
62:	0.23	0.17	0.14	0.19	0.19	0.19	0.15	0.21	0.14	0.10	1.72
63:	0.12	0.11	0.11	0.11	0.10	0.12	0.12	0.10	0.08	0.17	1.15
64:	0.10	0.09	0.05	0.15	0.09	0.06	0.07	0.11	0.06	0.10	0.87
65:	0.11	0.08	0.11	0.07	0.05	0.05	0.02	0.02	0.02	0.02	0.55
66:	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.23
67:	0.03	0.02	0.02	0.02	0.01	0.02	0.02	0.01	0.02	0.02	0.18
68:	0.02	0.02	0.02	0.02	0.02	0.03	0.01	0.01	0.01	0.01	0.16

69:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.11
70:	0.02	0.04	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.10
71:	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.05
72:	0.01	0.00	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.05
73:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06
74:	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.06

Statistics Chart

S347_BIF030001_26082021_185434: Statistics Chart



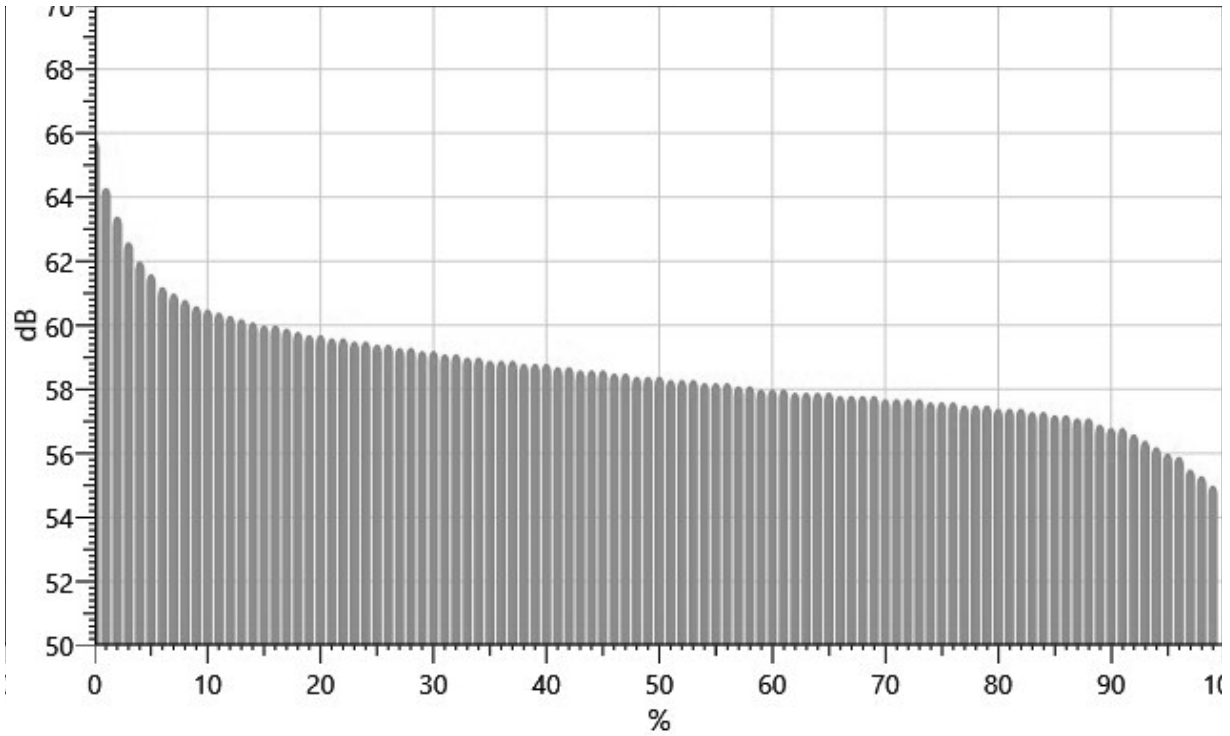
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		65.8	64.3	63.4	62.6	62.0	61.6	61.2	61.0	60.8
10%:	60.6	60.5	60.4	60.3	60.2	60.1	60.0	60.0	59.9	59.8
20%:	59.7	59.7	59.6	59.6	59.5	59.5	59.4	59.4	59.3	59.3
30%:	59.2	59.2	59.1	59.1	59.0	59.0	58.9	58.9	58.9	58.8
40%:	58.8	58.8	58.7	58.7	58.6	58.6	58.6	58.5	58.5	58.4
50%:	58.4	58.4	58.3	58.3	58.3	58.2	58.2	58.2	58.1	58.1
60%:	58.0	58.0	58.0	57.9	57.9	57.9	57.9	57.8	57.8	57.8
70%:	57.8	57.7	57.7	57.7	57.7	57.6	57.6	57.6	57.5	57.5
80%:	57.5	57.4	57.4	57.4	57.3	57.3	57.2	57.2	57.1	57.1

90%: 56.9 56.8 56.8 56.6 56.4 56.2 56.0 55.9 55.5 55.3
 100%: 55.0

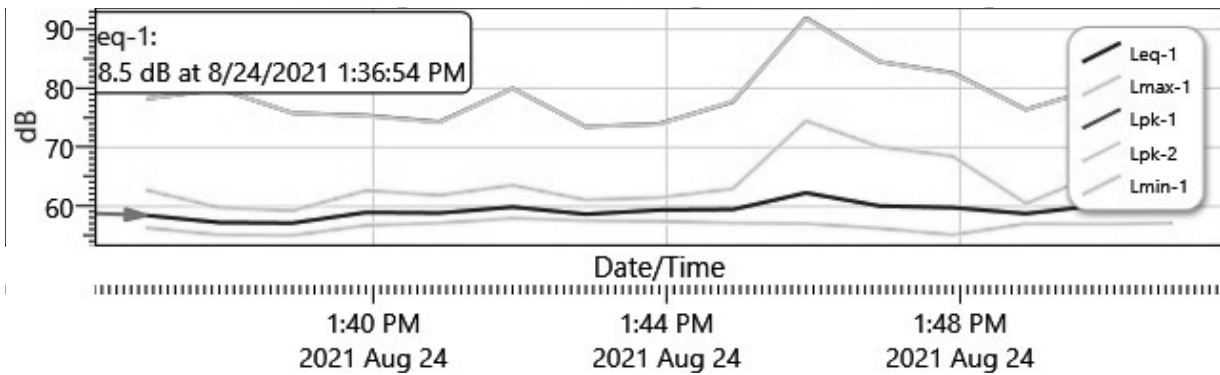
Exceedance Chart

S347_BIF030001_26082021_185434: Exceedance Chart



Logged Data Chart

S347_BIF030001_26082021_185434: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 1:36:54 PM	58.5	62.8	56.4	78.2
1:37:54 PM	57.3	59.8	55.2	79.9

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
1:38:54 PM	57.2	59.3	55.1	75.8
1:39:54 PM	59	62.7	56.8	75.4
1:40:54 PM	58.9	61.9	57.2	74.3
1:41:54 PM	59.9	63.6	58	80
1:42:54 PM	58.7	61.1	57.6	73.5
1:43:54 PM	59.4	61.5	57.5	74
1:44:54 PM	59.5	63	57.2	77.7
1:45:54 PM	62.3	74.5	57.1	91.9
1:46:54 PM	60.1	70.1	56.3	84.5
1:47:54 PM	59.8	68.5	55.2	82.6
1:48:54 PM	58.8	60.5	57.1	76.4
1:49:54 PM	60.2	65.6	57	80.1
1:50:54 PM	60.6	65.4	57.2	81.9

Session Report

8/26/2021

Information Panel

Name S027_BIF090005_26082021_130534
Start Time 8/24/2021 4:10:51 PM
Stop Time 8/24/2021 4:25:51 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 TOW Vinyl - Elmsmere - 8-24-eve.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	83.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

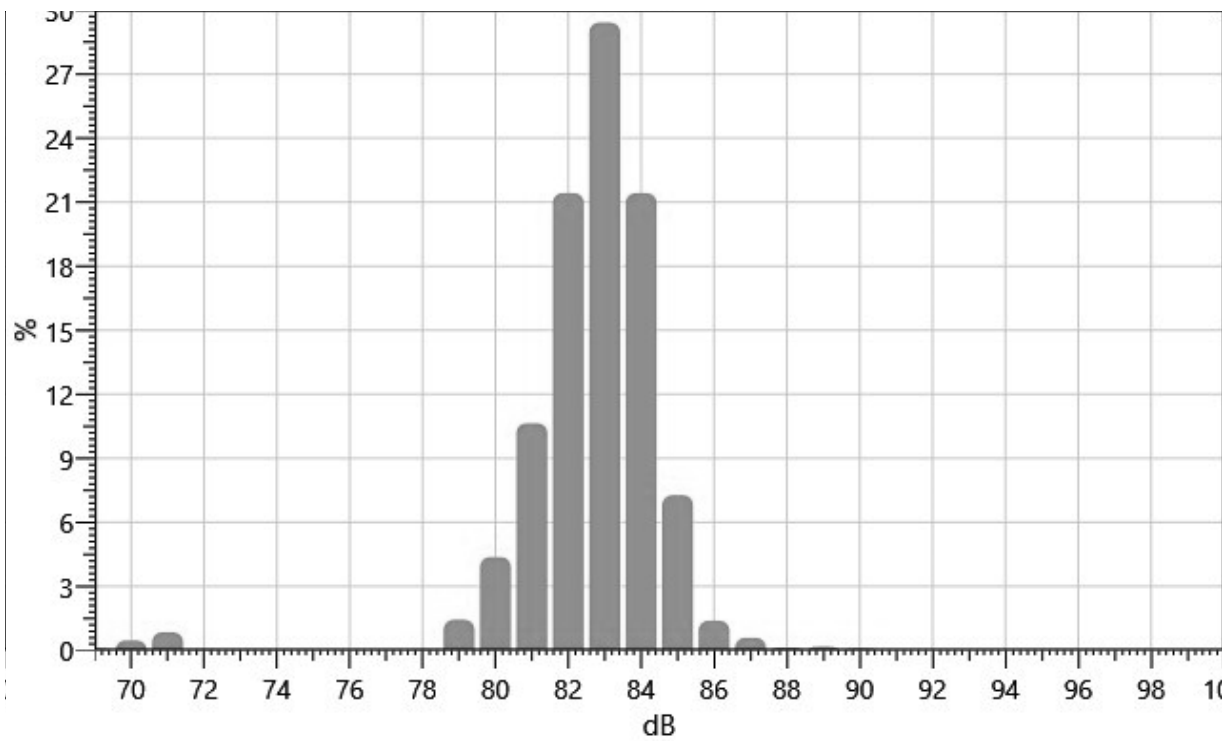
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
69:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09
70:	0.08	0.03	0.01	0.01	0.07	0.06	0.02	0.01	0.03	0.14	0.47
71:	0.18	0.16	0.19	0.14	0.02	0.10	0.03	0.01	0.01	0.01	0.85
72:	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.05
73:	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
74:	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
75:	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
76:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
77:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
78:	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.05
79:	0.06	0.04	0.09	0.06	0.15	0.16	0.11	0.24	0.31	0.21	1.43
80:	0.28	0.25	0.38	0.43	0.36	0.41	0.41	0.54	0.70	0.62	4.37
81:	0.82	0.86	0.98	0.70	1.20	1.14	1.15	1.27	1.37	1.15	10.64
82:	1.42	1.55	1.80	2.02	1.98	2.23	2.47	2.51	2.51	2.94	21.43

83:	2.67	2.92	2.49	2.95	3.19	3.33	2.86	2.98	3.11	2.93	29.42
84:	3.27	3.04	3.36	2.00	2.14	2.02	1.81	1.52	1.28	0.99	21.42
85:	1.21	1.00	0.98	1.16	0.73	0.62	0.49	0.35	0.37	0.37	7.27
86:	0.24	0.16	0.15	0.14	0.18	0.11	0.12	0.09	0.07	0.12	1.39
87:	0.13	0.12	0.07	0.05	0.07	0.03	0.03	0.03	0.04	0.01	0.59
88:	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.14
89:	0.02	0.01	0.02	0.02	0.01	0.01	0.02	0.03	0.03	0.02	0.17
90:	0.02	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09

Statistics Chart

S027_BIF090005_26082021_130534: Statistics Chart



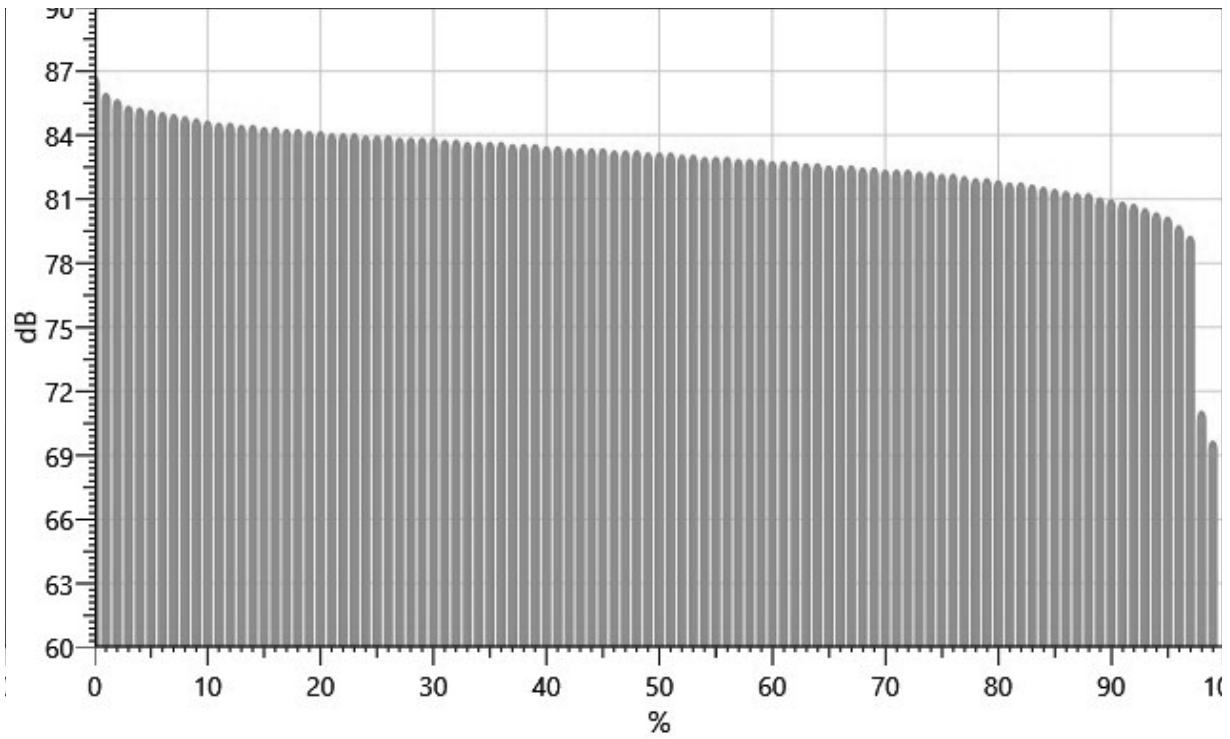
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		86.8	86.0	85.7	85.4	85.3	85.2	85.1	85.0	84.9
10%:	84.8	84.7	84.6	84.6	84.5	84.5	84.4	84.4	84.3	84.3
20%:	84.2	84.2	84.1	84.1	84.1	84.0	84.0	84.0	83.9	83.9
30%:	83.9	83.9	83.8	83.8	83.7	83.7	83.7	83.7	83.6	83.6
40%:	83.6	83.5	83.5	83.4	83.4	83.4	83.4	83.3	83.3	83.3
50%:	83.2	83.2	83.2	83.1	83.1	83.0	83.0	83.0	82.9	82.9
60%:	82.9	82.8	82.8	82.8	82.7	82.7	82.6	82.6	82.6	82.5

70%:	82.5	82.4	82.4	82.4	82.3	82.3	82.2	82.2	82.1	82.0
80%:	82.0	81.9	81.8	81.8	81.7	81.6	81.5	81.4	81.3	81.3
90%:	81.1	81.0	80.9	80.8	80.6	80.4	80.2	79.8	79.3	71.1
100%:	69.7									

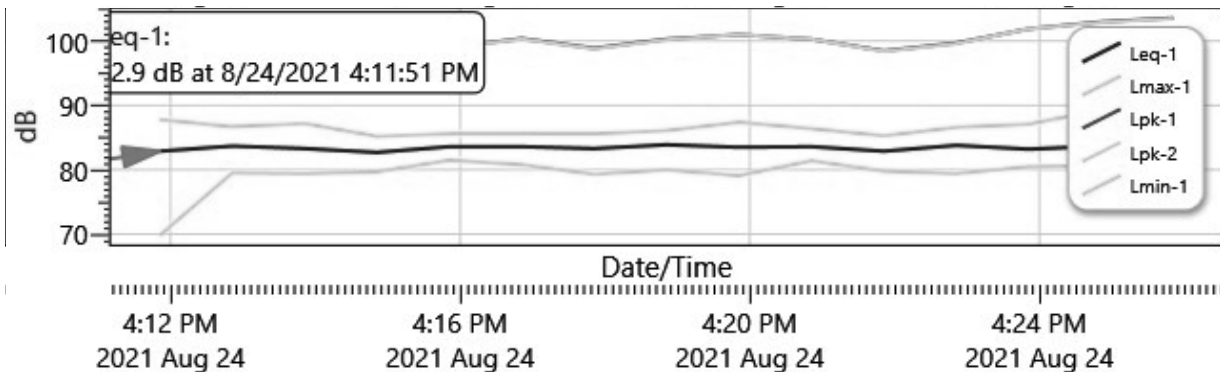
Exceedance Chart

S027_BIF090005_26082021_130534: Exceedance Chart



Logged Data Chart

S027_BIF090005_26082021_130534: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:12 PM 2021 Aug 24				
4:16 PM 2021 Aug 24				
4:20 PM 2021 Aug 24				
4:24 PM 2021 Aug 24				

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 4:11:51 PM	82.9	87.8	69.8	103
4:12:51 PM	83.7	86.7	79.5	99.9
4:13:51 PM	83.3	87.2	79.4	100.5
4:14:51 PM	82.7	85.2	79.7	99.5
4:15:51 PM	83.6	85.6	81.5	99
4:16:51 PM	83.6	85.6	80.8	100.4
4:17:51 PM	83.3	85.6	79.3	98.9
4:18:51 PM	83.9	86.1	80	100.3
4:19:51 PM	83.5	87.4	79.1	101
4:20:51 PM	83.6	86.4	81.4	100.3
4:21:51 PM	82.9	85.3	79.8	98.5
4:22:51 PM	83.8	86.6	79.4	99.7
4:23:51 PM	83.2	87.1	80.5	101.9
4:24:51 PM	83.7	89.3	80.7	103
4:25:51 PM	83.7	90.2	78.9	103.6

Session Report

8/26/2021

Information Panel

Name S027_BIF090003_26082021_144848
Start Time 8/24/2021 4:10:55 PM
Stop Time 8/24/2021 4:25:55 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter2 5' from Vinyl wall-8-24_Elmsmere_-Cicada noise present

Summary Data Panel

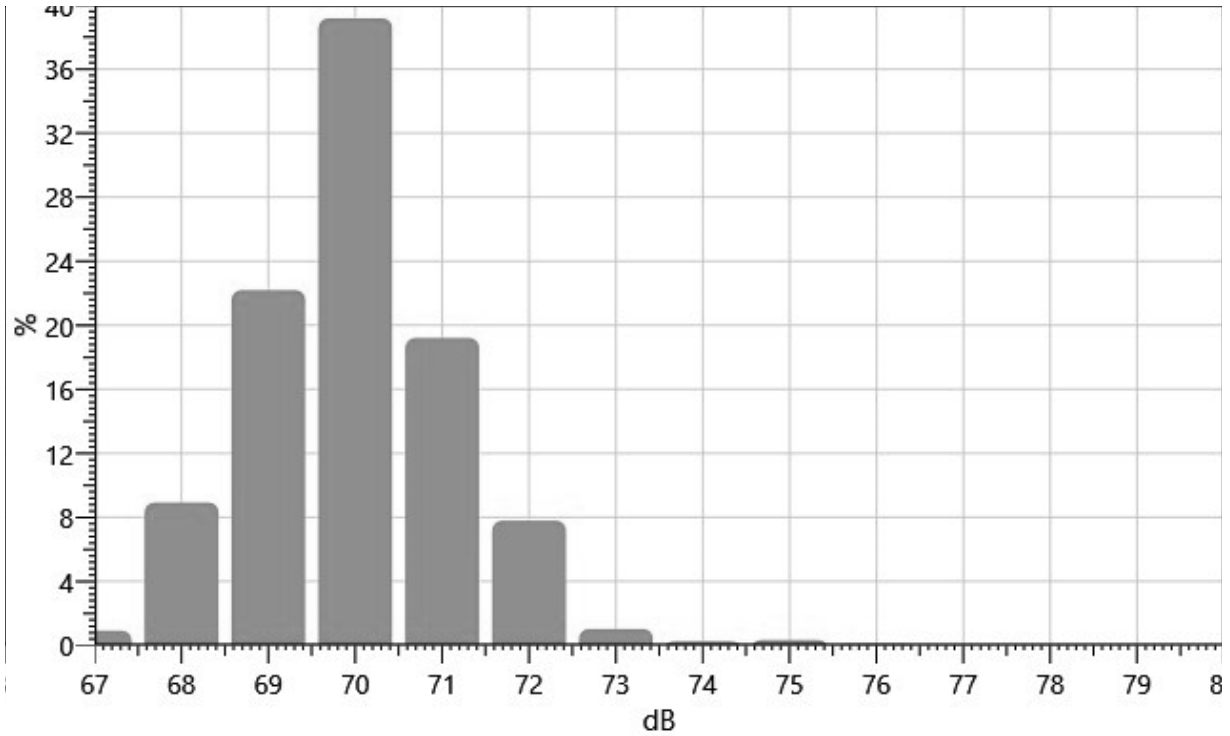
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	70.6 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
67:	0.00	0.13	0.09	0.18	0.05	0.04	0.06	0.03	0.09	0.25	0.92
68:	0.47	0.59	0.44	0.65	0.80	0.84	1.15	1.45	1.30	1.24	8.92
69:	1.09	1.52	2.02	1.86	1.90	2.35	2.73	2.62	3.27	2.84	22.19
70:	3.20	3.34	3.55	3.66	4.13	4.16	4.12	4.13	4.96	3.93	39.17
71:	3.10	2.33	1.47	2.14	2.28	2.07	1.84	1.50	1.17	1.31	19.21
72:	1.27	1.68	1.07	0.82	0.74	0.74	0.67	0.40	0.21	0.20	7.79
73:	0.17	0.17	0.15	0.12	0.13	0.07	0.08	0.06	0.04	0.05	1.03
74:	0.02	0.03	0.02	0.02	0.03	0.03	0.03	0.02	0.03	0.03	0.25
75:	0.03	0.02	0.02	0.03	0.04	0.07	0.03	0.03	0.03	0.04	0.35
76:	0.05	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.09
77:	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
78:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
79:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02

Statistics Chart

S027_BIF090003_26082021_144848: Statistics Chart

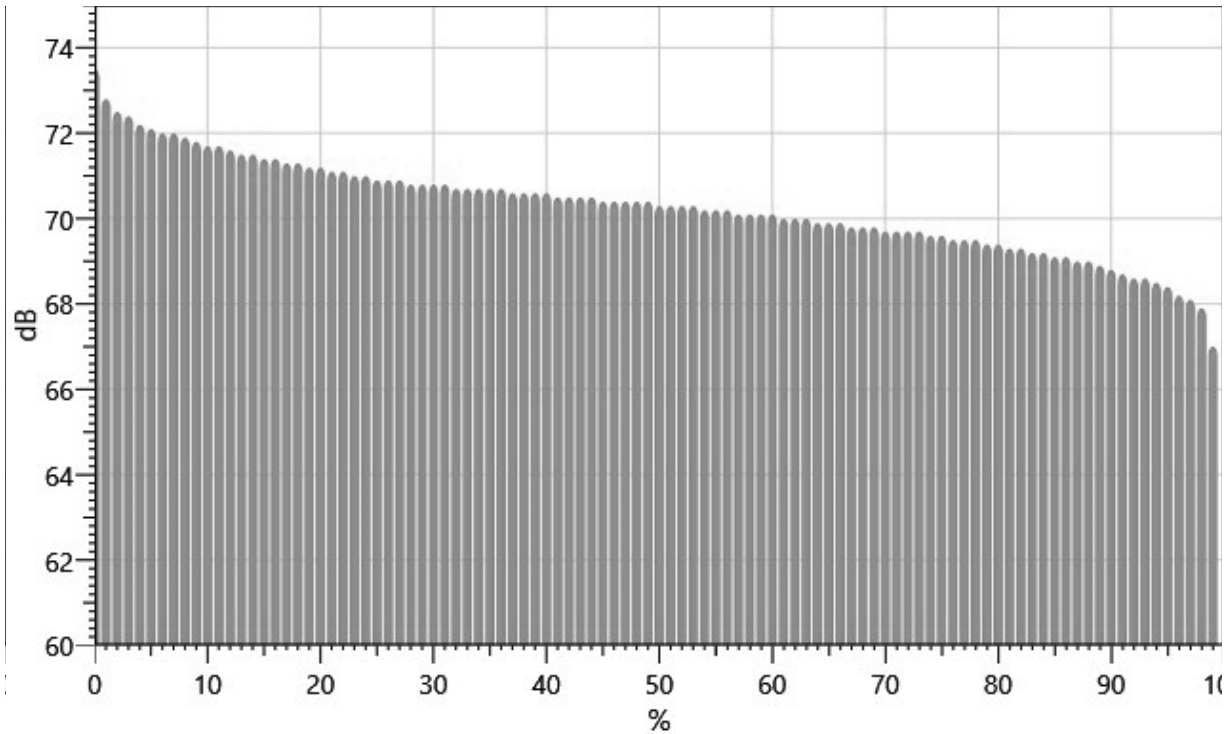


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		73.5	72.8	72.5	72.4	72.2	72.1	72.0	72.0	71.9
10%:	71.8	71.7	71.7	71.6	71.5	71.5	71.4	71.4	71.3	71.3
20%:	71.2	71.2	71.1	71.1	71.0	71.0	70.9	70.9	70.9	70.8
30%:	70.8	70.8	70.8	70.7	70.7	70.7	70.7	70.7	70.6	70.6
40%:	70.6	70.6	70.5	70.5	70.5	70.5	70.4	70.4	70.4	70.4
50%:	70.4	70.3	70.3	70.3	70.3	70.2	70.2	70.2	70.1	70.1
60%:	70.1	70.1	70.0	70.0	70.0	69.9	69.9	69.9	69.8	69.8
70%:	69.8	69.7	69.7	69.7	69.7	69.6	69.6	69.5	69.5	69.5
80%:	69.4	69.4	69.3	69.3	69.2	69.2	69.1	69.1	69.0	69.0
90%:	68.9	68.8	68.7	68.6	68.6	68.5	68.4	68.2	68.1	67.9
100%:	67.0									

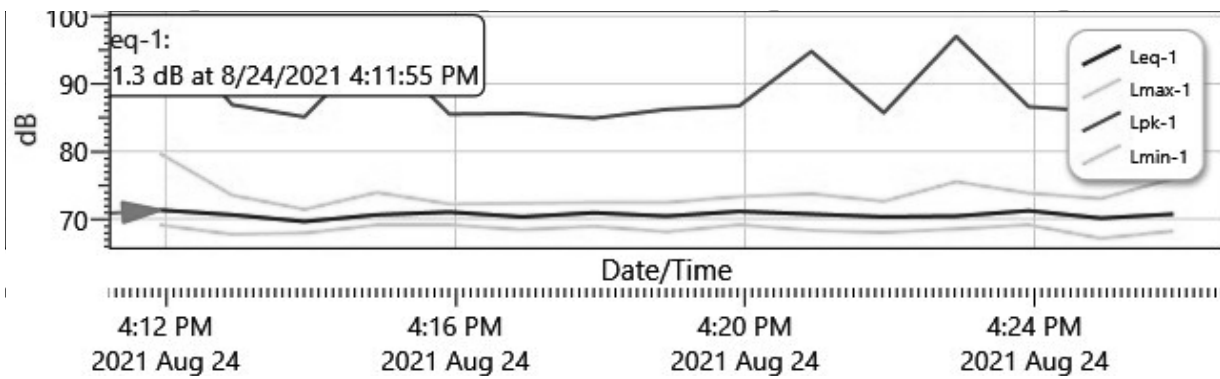
Exceedance Chart

S027_BIF090003_26082021_144848: Exceedance Chart



Logged Data Chart

S027_BIF090003_26082021_144848: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 4:11:55 PM	71.3	79.7	69.1	99.3
4:12:55 PM	70.6	73.5	67.7	86.9
4:13:55 PM	69.6	71.4	67.9	85.1
4:14:55 PM	70.6	73.9	69.1	96.1
4:15:55 PM	71	72.2	69.1	85.5

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:16:55 PM	70.3	72.3	68.4	85.6
4:17:55 PM	70.9	72.4	68.9	84.9
4:18:55 PM	70.4	72.4	68.1	86.2
4:19:55 PM	71.1	73.3	69.1	86.7
4:20:55 PM	70.7	73.7	68.3	94.8
4:21:55 PM	70.3	72.6	68	85.7
4:22:55 PM	70.4	75.5	68.5	97
4:23:55 PM	71.2	73.8	69.1	86.6
4:24:55 PM	70.1	73	67.1	85.9
4:25:55 PM	70.7	76	68.2	88.7

Session Report

8/26/2021

Information Panel

Name S054_BIG080015_26082021_160015
Start Time 8/24/2021 4:11:01 PM
Stop Time 8/24/2021 4:26:01 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from Vinyl-Elmsmere-8-24-evening. Some cicada noise.

Summary Data Panel

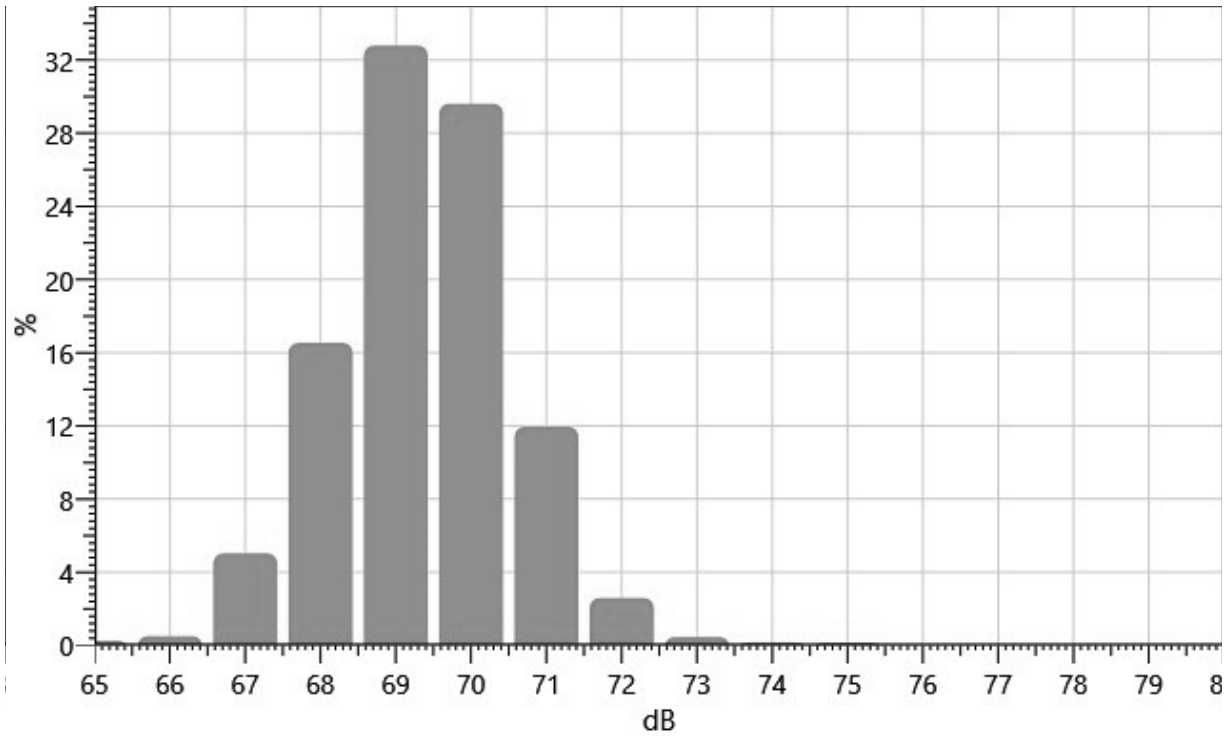
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	69.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
65:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.19	0.24
66:	0.12	0.09	0.05	0.05	0.03	0.03	0.04	0.04	0.04	0.02	0.51
67:	0.02	0.04	0.07	0.26	0.26	0.47	0.88	1.12	0.93	0.98	5.02
68:	1.07	0.99	1.07	2.09	2.06	1.90	1.93	1.82	1.80	1.81	16.53
69:	2.43	3.08	2.64	2.83	3.22	3.51	3.49	3.59	3.78	4.22	32.78
70:	3.03	3.24	3.82	3.92	3.77	2.77	2.31	2.07	2.42	2.25	29.61
71:	2.04	1.79	1.24	1.78	1.18	1.12	1.09	0.69	0.62	0.39	11.94
72:	0.43	0.39	0.43	0.46	0.40	0.18	0.09	0.07	0.06	0.07	2.59
73:	0.08	0.07	0.07	0.10	0.06	0.01	0.02	0.02	0.02	0.01	0.46
74:	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.16
75:	0.01	0.02	0.01	0.01	0.02	0.04	0.04	0.00	0.00	0.00	0.15

Statistics Chart

S054_BIG080015_26082021_160015: Statistics Chart

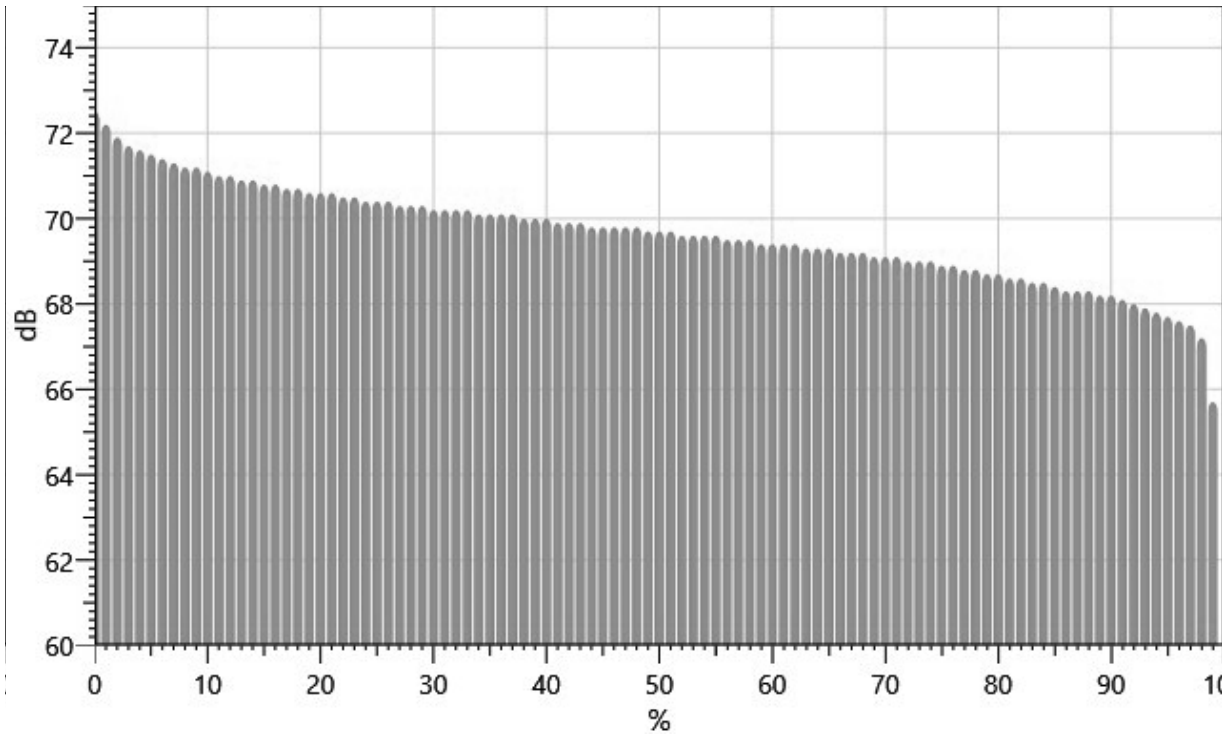


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		72.5	72.2	71.9	71.7	71.6	71.5	71.4	71.3	71.2
10%:	71.2	71.1	71.0	71.0	70.9	70.9	70.8	70.8	70.7	70.7
20%:	70.6	70.6	70.6	70.5	70.5	70.4	70.4	70.4	70.3	70.3
30%:	70.3	70.2	70.2	70.2	70.2	70.1	70.1	70.1	70.1	70.0
40%:	70.0	70.0	69.9	69.9	69.9	69.8	69.8	69.8	69.8	69.8
50%:	69.7	69.7	69.7	69.6	69.6	69.6	69.6	69.5	69.5	69.5
60%:	69.4	69.4	69.4	69.4	69.3	69.3	69.3	69.2	69.2	69.2
70%:	69.1	69.1	69.1	69.0	69.0	69.0	68.9	68.9	68.8	68.8
80%:	68.7	68.7	68.6	68.6	68.5	68.5	68.4	68.3	68.3	68.3
90%:	68.2	68.2	68.1	68.0	67.9	67.8	67.7	67.6	67.5	67.2
100%:	65.7									

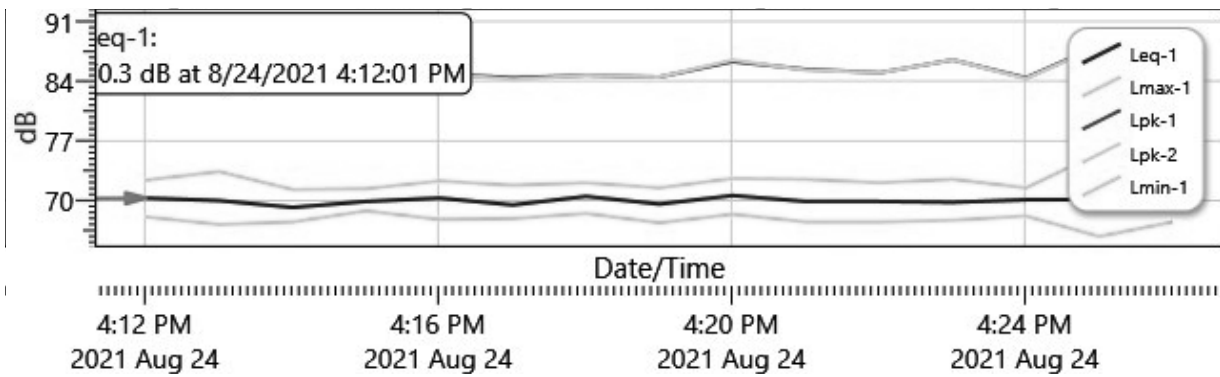
Exceedance Chart

S054_BIG080015_26082021_160015: Exceedance Chart



Logged Data Chart

S054_BIG080015_26082021_160015: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 4:12:01 PM	70.3	72.4	68.1	91.3
4:13:01 PM	70	73.4	67.2	85.8
4:14:01 PM	69.2	71.3	67.5	83.7
4:15:01 PM	69.9	71.4	68.8	91
4:16:01 PM	70.3	72.3	67.8	84.9

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:17:01 PM	69.5	71.8	67.9	84.4
4:18:01 PM	70.5	72.1	68.5	84.7
4:19:01 PM	69.6	71.5	67.4	84.5
4:20:01 PM	70.6	72.6	68.4	86.3
4:21:01 PM	69.9	72.5	67.5	85.4
4:22:01 PM	69.9	72.1	67.5	85
4:23:01 PM	69.8	72.5	67.7	86.5
4:24:01 PM	70.1	71.5	68.2	84.4
4:25:01 PM	70.1	75.6	65.8	88.2
4:26:01 PM	69.7	74.9	67.5	86.3

Session Report

8/26/2021

Information Panel

Name S009_BIH050001_26082021_172334
Start Time 8/24/2021 4:10:43 PM
Stop Time 8/24/2021 4:25:43 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4_100' from Vinyl_Elmsmere_8-24_eve.

Summary Data Panel

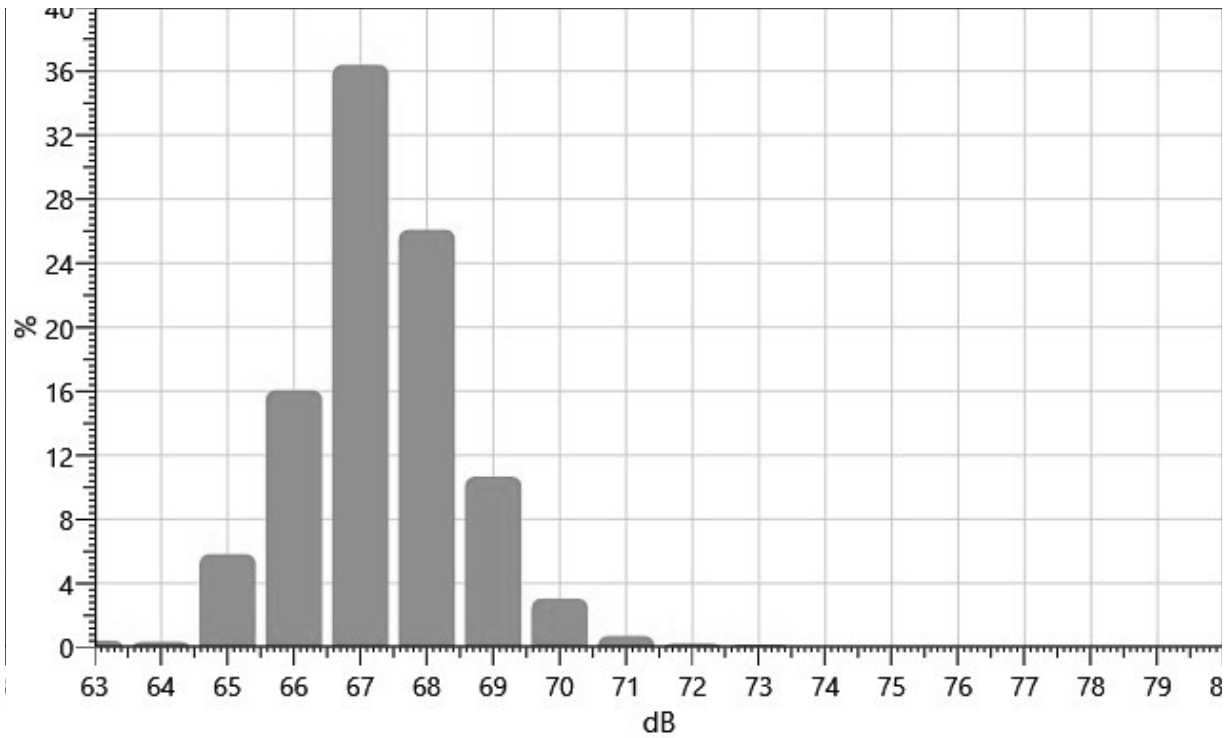
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	67.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
63:	0.00	0.00	0.00	0.00	0.00	0.01	0.12	0.14	0.13	0.03	0.43
64:	0.03	0.05	0.03	0.05	0.02	0.04	0.02	0.03	0.03	0.05	0.35
65:	0.05	0.03	0.02	0.14	0.24	0.49	0.71	1.50	1.11	1.52	5.82
66:	1.28	1.09	1.34	1.68	1.67	1.66	1.78	1.38	2.01	2.18	16.07
67:	2.40	2.64	2.94	3.30	3.66	3.10	3.91	4.82	4.76	4.84	36.39
68:	4.79	3.99	2.22	3.00	2.77	2.18	2.06	1.75	1.70	1.64	26.10
69:	1.47	1.32	1.09	1.12	1.13	0.87	1.17	1.10	0.66	0.73	10.66
70:	0.41	0.46	0.49	0.37	0.60	0.28	0.11	0.13	0.14	0.07	3.05
71:	0.04	0.06	0.05	0.06	0.07	0.06	0.09	0.07	0.13	0.09	0.71
72:	0.03	0.03	0.04	0.03	0.01	0.02	0.02	0.02	0.01	0.02	0.24
73:	0.02	0.02	0.03	0.05	0.03	0.04	0.00	0.00	0.00	0.00	0.17

Statistics Chart

S009_BIH050001_26082021_172334: Statistics Chart

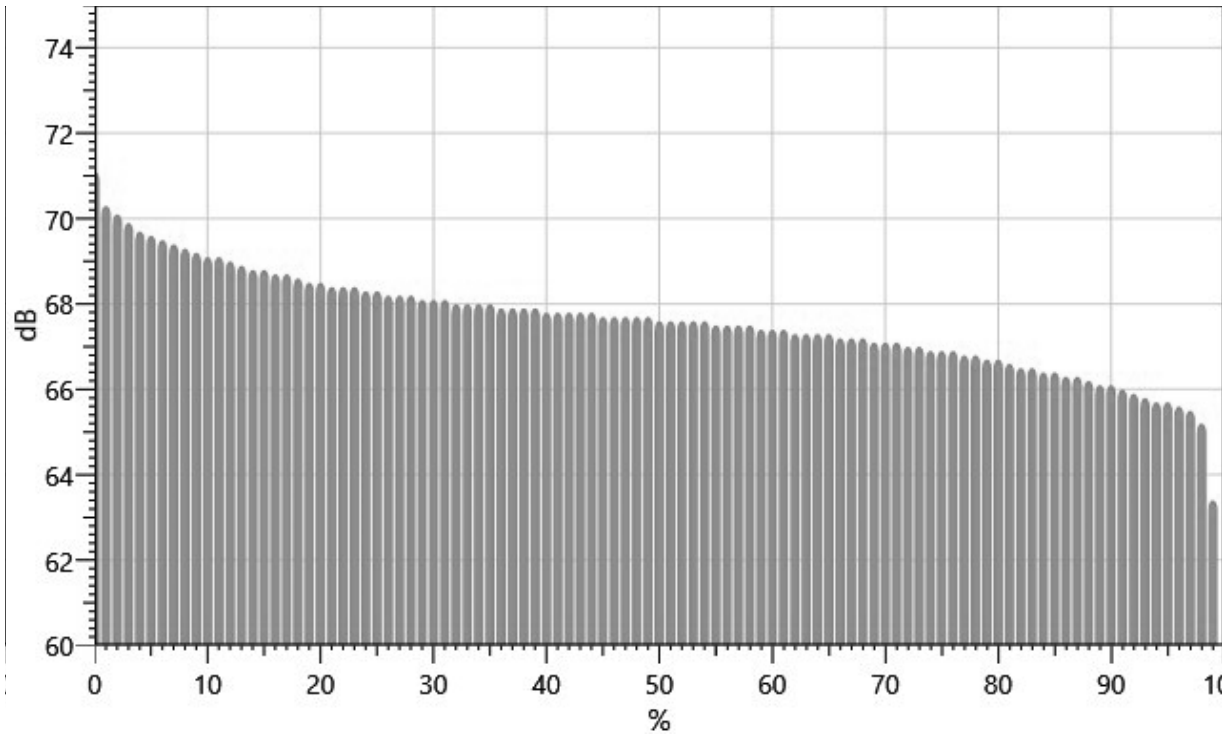


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		71.1	70.3	70.1	69.9	69.7	69.6	69.5	69.4	69.3
10%:	69.2	69.1	69.1	69.0	68.9	68.8	68.8	68.7	68.7	68.6
20%:	68.5	68.5	68.4	68.4	68.4	68.3	68.3	68.2	68.2	68.2
30%:	68.1	68.1	68.1	68.0	68.0	68.0	68.0	67.9	67.9	67.9
40%:	67.9	67.8	67.8	67.8	67.8	67.8	67.7	67.7	67.7	67.7
50%:	67.7	67.6	67.6	67.6	67.6	67.6	67.5	67.5	67.5	67.5
60%:	67.4	67.4	67.4	67.3	67.3	67.3	67.3	67.2	67.2	67.2
70%:	67.1	67.1	67.1	67.0	67.0	66.9	66.9	66.9	66.8	66.8
80%:	66.7	66.7	66.6	66.5	66.5	66.4	66.4	66.3	66.3	66.2
90%:	66.1	66.1	66.0	65.9	65.8	65.7	65.7	65.6	65.5	65.2
100%:	63.4									

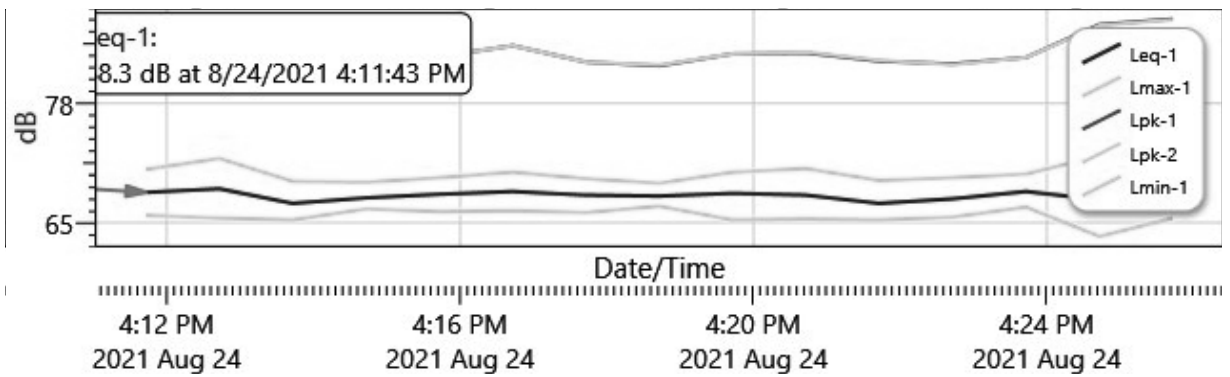
Exceedance Chart

S009_BIH050001_26082021_172334: Exceedance Chart



Logged Data Chart

S009_BIH050001_26082021_172334: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 4:11:43 PM	68.3	70.8	65.8	83.1
4:12:43 PM	68.7	72	65.5	84.5
4:13:43 PM	67.1	69.5	65.3	81.8
4:14:43 PM	67.7	69.4	66.5	82.7
4:15:43 PM	68.1	69.9	66.2	83.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:16:43 PM	68.4	70.5	66.3	84.3
4:17:43 PM	68	69.8	66.1	82.5
4:18:43 PM	67.9	69.3	66.8	82.1
4:19:43 PM	68.2	70.5	65.3	83.4
4:20:43 PM	68	70.9	65.4	83.5
4:21:43 PM	67.1	69.6	65.3	82.6
4:22:43 PM	67.6	69.9	65.6	82.3
4:23:43 PM	68.4	70.3	66.7	83
4:24:43 PM	67.5	72.3	63.5	86.6
4:25:43 PM	68	73.5	65.5	87.2

Session Report

8/26/2021

Information Panel

Name S348_BIF030001_26082021_185436
Start Time 8/24/2021 4:10:13 PM
Stop Time 8/24/2021 4:25:13 PM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' from Ex. Vinyl-Elmsmere_8-24_eve.

Summary Data Panel

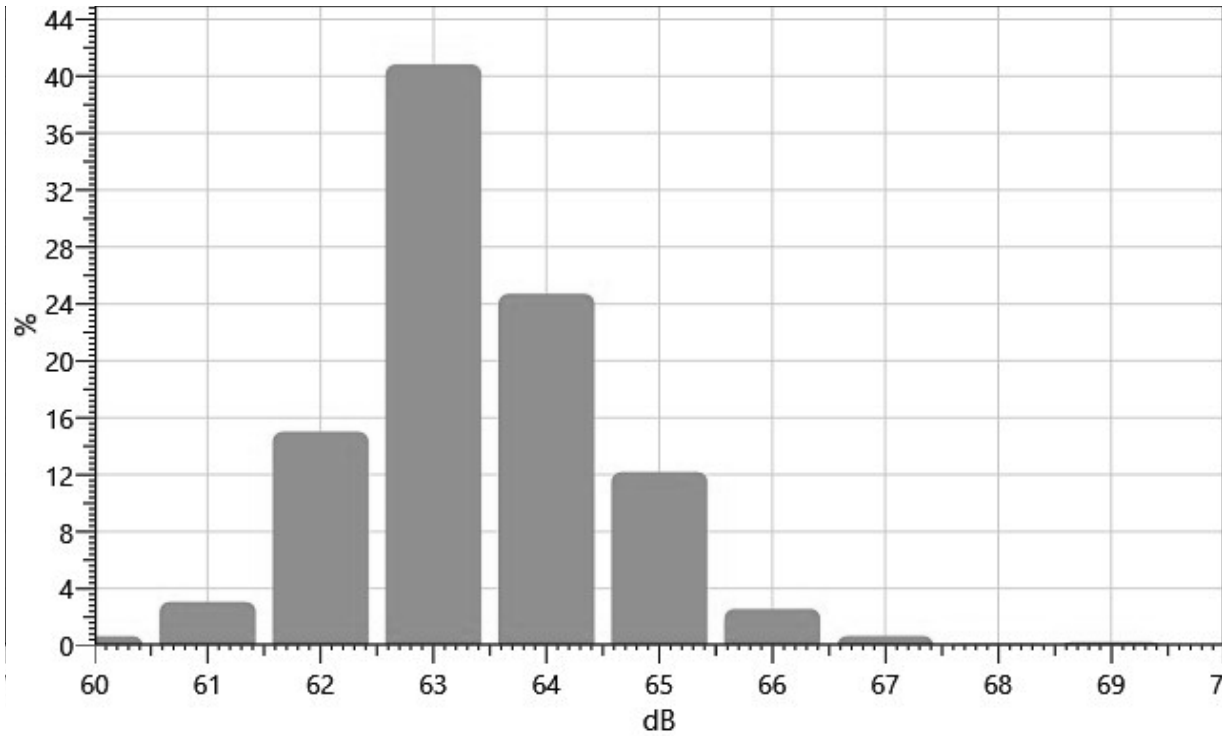
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
60:	0.08	0.10	0.07	0.11	0.06	0.03	0.05	0.03	0.06	0.06	0.65
61:	0.03	0.07	0.03	0.02	0.21	0.33	0.36	0.49	0.76	0.76	3.06
62:	0.78	0.88	0.72	0.74	1.22	1.46	2.04	2.06	2.22	2.90	15.02
63:	2.73	2.86	3.84	3.13	5.03	5.08	4.45	4.09	4.30	5.33	40.83
64:	3.92	3.96	2.07	2.93	2.40	2.14	2.26	1.99	1.78	1.25	24.71
65:	1.29	1.47	1.28	1.24	1.62	1.49	1.46	1.22	0.66	0.46	12.18
66:	0.37	0.32	0.34	0.31	0.34	0.31	0.22	0.14	0.11	0.11	2.56
67:	0.11	0.13	0.04	0.03	0.10	0.07	0.04	0.04	0.09	0.01	0.66
68:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
69:	0.01	0.03	0.03	0.05	0.11	0.01	0.00	0.00	0.00	0.00	0.24

Statistics Chart

S348_BIF030001_26082021_185436: Statistics Chart

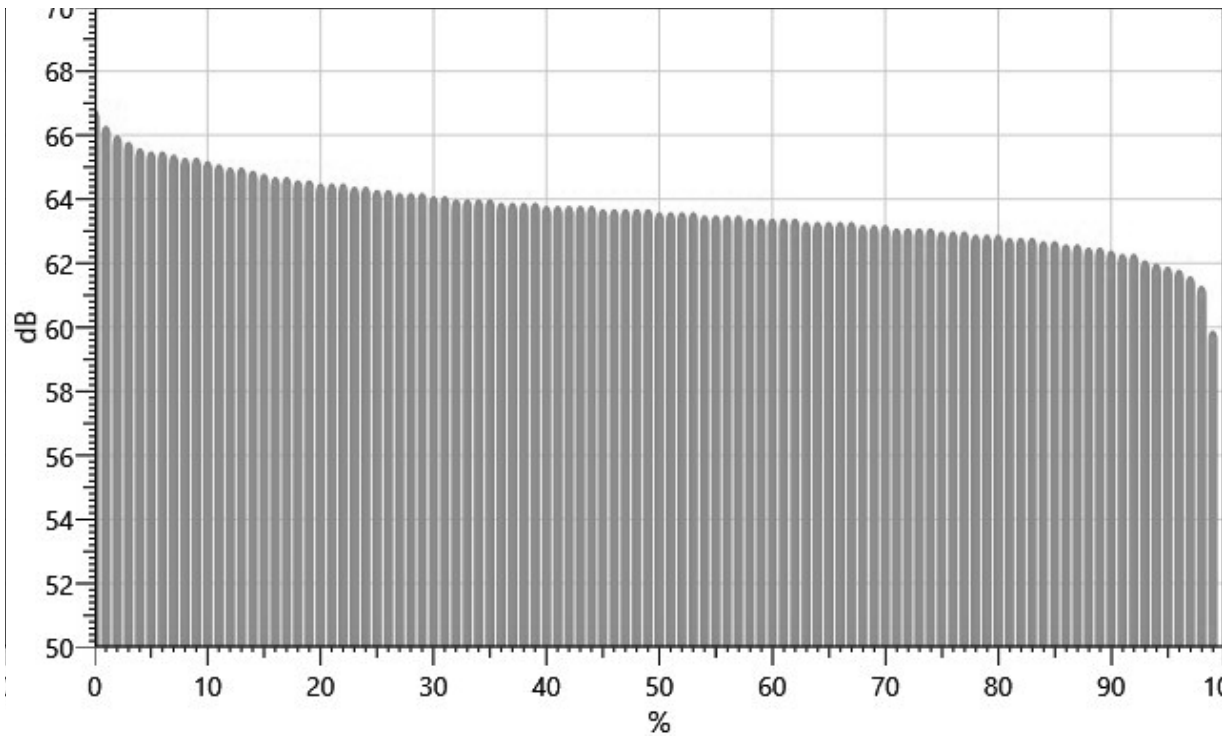


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		66.8	66.3	66.0	65.8	65.6	65.5	65.5	65.4	65.3
10%:	65.3	65.2	65.1	65.0	65.0	64.9	64.8	64.7	64.7	64.6
20%:	64.6	64.5	64.5	64.5	64.4	64.4	64.3	64.3	64.2	64.2
30%:	64.2	64.1	64.1	64.0	64.0	64.0	64.0	63.9	63.9	63.9
40%:	63.9	63.8	63.8	63.8	63.8	63.8	63.7	63.7	63.7	63.7
50%:	63.7	63.6	63.6	63.6	63.6	63.5	63.5	63.5	63.5	63.4
60%:	63.4	63.4	63.4	63.4	63.3	63.3	63.3	63.3	63.3	63.2
70%:	63.2	63.2	63.1	63.1	63.1	63.1	63.0	63.0	63.0	62.9
80%:	62.9	62.9	62.8	62.8	62.8	62.7	62.7	62.6	62.6	62.5
90%:	62.5	62.4	62.3	62.3	62.1	62.0	61.9	61.8	61.6	61.3
100%:	59.9									

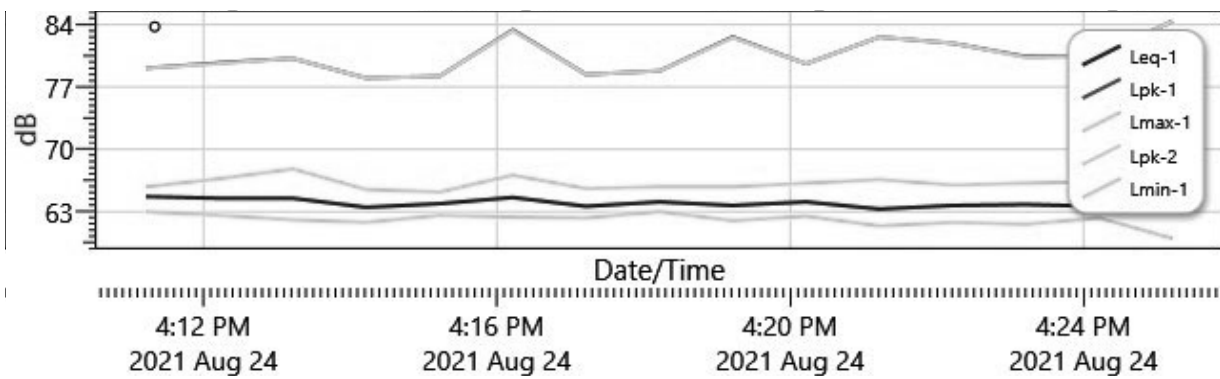
Exceedance Chart

S348_BIF030001_26082021_185436: Exceedance Chart



Logged Data Chart

S348_BIF030001_26082021_185436: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 4:11:13 PM	64.7	65.8	63	79.1
4:12:13 PM	64.5	66.7	62.6	79.7
4:13:13 PM	64.5	67.8	62.1	80.2
4:14:13 PM	63.5	65.5	61.8	78
4:15:13 PM	63.9	65.2	62.6	78.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
4:16:13 PM	64.6	67.1	62.4	83.4
4:17:13 PM	63.6	65.6	62.3	78.4
4:18:13 PM	64.1	65.8	63	78.8
4:19:13 PM	63.7	65.8	62	82.6
4:20:13 PM	64.1	66.2	62.5	79.6
4:21:13 PM	63.3	66.6	61.4	82.6
4:22:13 PM	63.7	66	61.8	81.9
4:23:13 PM	63.8	66.2	61.6	80.4
4:24:13 PM	63.6	66.4	62.3	80.5
4:25:13 PM	64.1	69.5	60	84.4

Session Report

8/26/2021

Information Panel

Name S028_BIF090005_26082021_130535
Start Time 8/24/2021 5:08:05 PM
Stop Time 8/24/2021 5:23:05 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter1-TOW-Ex-8-24-Little John Rd.-Eve.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	72.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

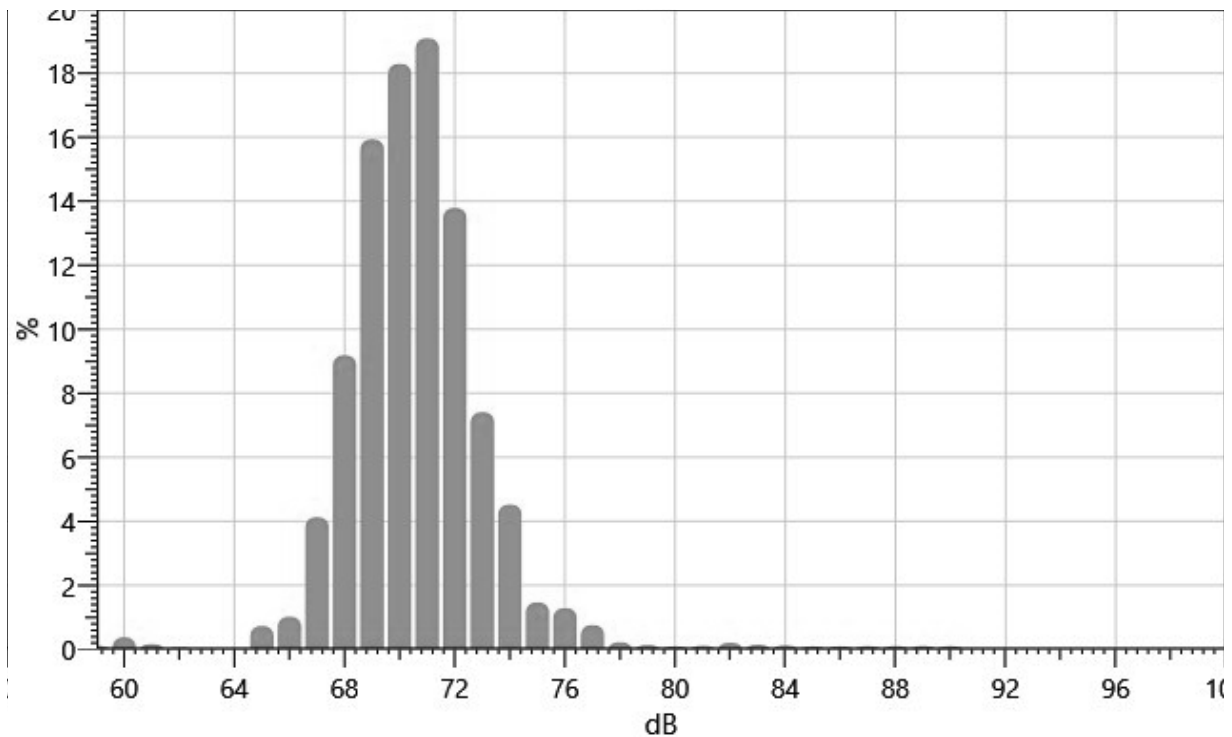
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.04	0.11
60:	0.02	0.04	0.02	0.07	0.09	0.04	0.02	0.03	0.03	0.02	0.38
61:	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.16
62:	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06
63:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
64:	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.03
65:	0.02	0.15	0.07	0.10	0.03	0.04	0.08	0.07	0.05	0.11	0.73
66:	0.03	0.02	0.02	0.14	0.15	0.12	0.13	0.20	0.08	0.14	1.02
67:	0.11	0.47	0.52	0.32	0.29	0.36	0.50	0.53	0.59	0.44	4.13
68:	0.49	0.64	0.79	0.86	1.06	1.05	1.33	0.99	1.03	0.95	9.19
69:	1.15	1.45	1.24	1.48	1.94	1.62	1.68	1.72	1.66	2.00	15.93
70:	2.01	1.68	1.88	2.00	2.15	1.68	1.64	1.70	1.73	1.81	18.29
71:	1.97	1.72	2.26	2.03	1.92	2.22	1.78	1.96	1.73	1.50	19.09
72:	1.69	2.13	1.64	0.85	1.68	1.21	1.18	1.22	1.02	1.17	13.79

73:	0.91	0.91	0.76	0.68	0.76	0.87	0.75	0.73	0.50	0.52	7.41
74:	0.66	0.60	0.41	0.39	0.49	0.60	0.43	0.36	0.32	0.25	4.52
75:	0.18	0.15	0.14	0.10	0.13	0.12	0.17	0.14	0.16	0.18	1.47
76:	0.16	0.10	0.10	0.14	0.11	0.11	0.10	0.16	0.16	0.14	1.29
77:	0.11	0.08	0.07	0.12	0.08	0.05	0.06	0.04	0.07	0.08	0.76
78:	0.07	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.22
79:	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.13
80:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.10
81:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.11
82:	0.01	0.02	0.02	0.05	0.03	0.02	0.02	0.02	0.02	0.02	0.21
83:	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.14
84:	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.12
85:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
86:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.10
87:	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.10
88:	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.10
89:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.10
90:	0.01	0.02	0.01	0.01	0.02	0.02	0.00	0.00	0.00	0.00	0.10

Statistics Chart

S028_BIF090005_26082021_130535: Statistics Chart

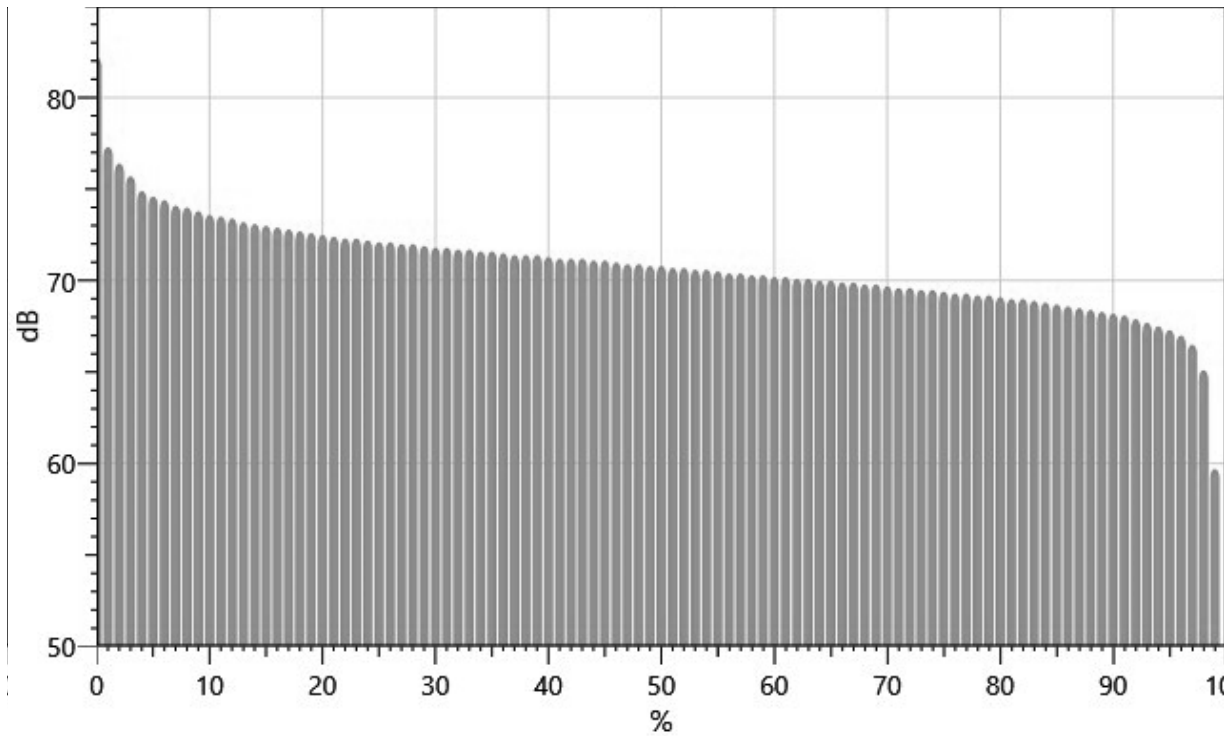


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		82.2	77.3	76.4	75.7	74.9	74.6	74.4	74.1	74.0
10%:	73.8	73.6	73.5	73.4	73.2	73.1	73.0	72.9	72.8	72.7
20%:	72.6	72.5	72.4	72.3	72.3	72.2	72.1	72.1	72.0	72.0
30%:	71.9	71.8	71.8	71.7	71.7	71.6	71.6	71.5	71.4	71.4
40%:	71.4	71.3	71.2	71.2	71.2	71.1	71.1	71.0	70.9	70.9
50%:	70.8	70.8	70.7	70.7	70.6	70.6	70.5	70.4	70.4	70.3
60%:	70.3	70.2	70.2	70.1	70.1	70.0	70.0	69.9	69.9	69.8
70%:	69.8	69.7	69.6	69.6	69.5	69.5	69.4	69.3	69.3	69.2
80%:	69.2	69.1	69.0	69.0	68.9	68.8	68.7	68.6	68.5	68.4
90%:	68.3	68.2	68.1	67.9	67.7	67.5	67.3	67.0	66.5	65.1
100%:	59.7									

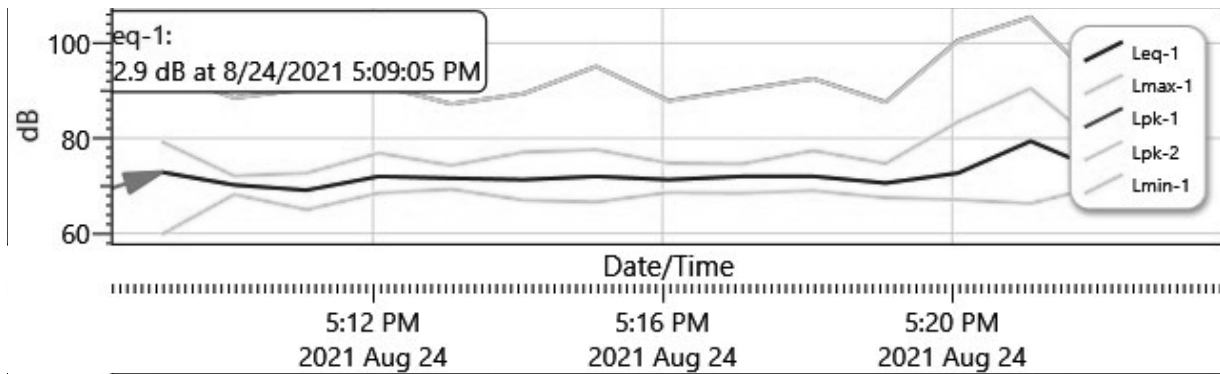
Exceedance Chart

S028_BIF090005_26082021_130535: Exceedance Chart



Logged Data Chart

S028_BIF090005_26082021_130535: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 5:09:05 PM	72.9	79.3	59.8	94
5:10:05 PM	70.2	72.1	68.2	88.5
5:11:05 PM	69.1	72.7	65	90.4
5:12:05 PM	72	76.9	68.5	91.2
5:13:05 PM	71.6	74.3	69.3	87.2
5:14:05 PM	71.3	77.1	67	89.4
5:15:05 PM	72	77.6	66.6	95.1
5:16:05 PM	71.3	74.8	68.6	87.9
5:17:05 PM	72	74.6	68.5	90.2
5:18:05 PM	72	77.4	69	92.5
5:19:05 PM	70.6	74.7	67.5	87.6
5:20:05 PM	72.7	83.5	67.1	100.6
5:21:05 PM	79.4	90.5	66.3	105.5
5:22:05 PM	73	78	70.1	90.6
5:23:05 PM	70.4	75.4	68.4	88.2

Session Report

8/26/2021

Information Panel

Name S028_BIF090003_26082021_144849
Start Time 8/24/2021 5:07:50 PM
Stop Time 8/24/2021 5:22:50 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter2_5' from Ex-Little John Rd._ eve.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	57.9 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

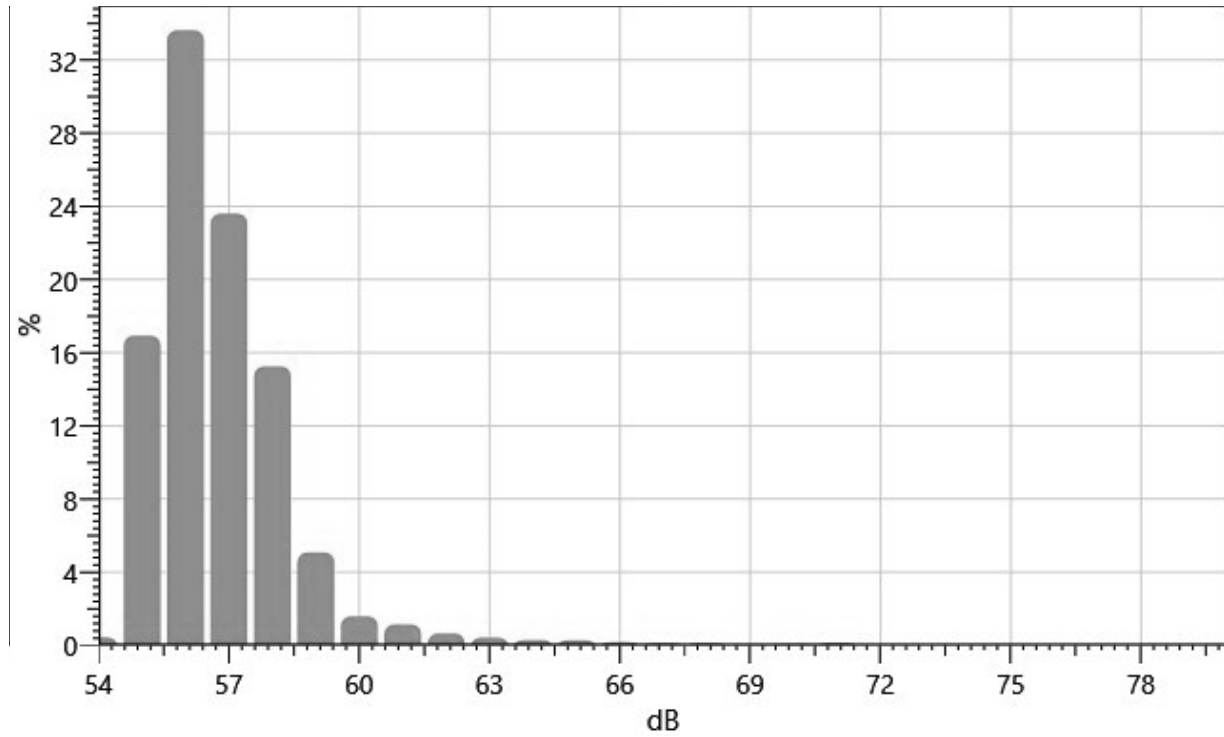
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
54:	0.00	0.00	0.00	0.00	0.03	0.07	0.04	0.03	0.06	0.20	0.44
55:	0.37	0.55	0.64	0.62	1.17	1.56	1.51	2.64	3.62	4.26	16.93
56:	4.39	2.70	4.65	4.63	4.28	3.30	3.17	2.46	2.27	1.78	33.62
57:	2.29	2.54	2.56	2.61	2.69	2.35	2.52	2.02	2.06	1.98	23.60
58:	1.66	2.02	1.72	1.60	1.75	1.85	1.26	1.08	1.26	1.04	15.25
59:	0.82	0.48	0.73	0.70	0.50	0.36	0.43	0.45	0.35	0.26	5.09
60:	0.23	0.25	0.18	0.17	0.16	0.10	0.16	0.11	0.11	0.11	1.59
61:	0.11	0.14	0.13	0.17	0.12	0.20	0.10	0.08	0.05	0.06	1.15
62:	0.07	0.03	0.03	0.04	0.11	0.07	0.05	0.07	0.07	0.11	0.65
63:	0.12	0.07	0.05	0.04	0.02	0.02	0.02	0.02	0.03	0.04	0.42
64:	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.04	0.03	0.03	0.30
65:	0.05	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.02	0.02	0.28
66:	0.02	0.02	0.03	0.03	0.01	0.01	0.01	0.01	0.02	0.01	0.17
67:	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.02	0.01	0.13

68:	0.02	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.00	0.01	0.12
69:	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.05
70:	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
71:	0.02	0.01	0.01	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.14

Statistics Chart

S028_BIF090003_26082021_144849: Statistics Chart

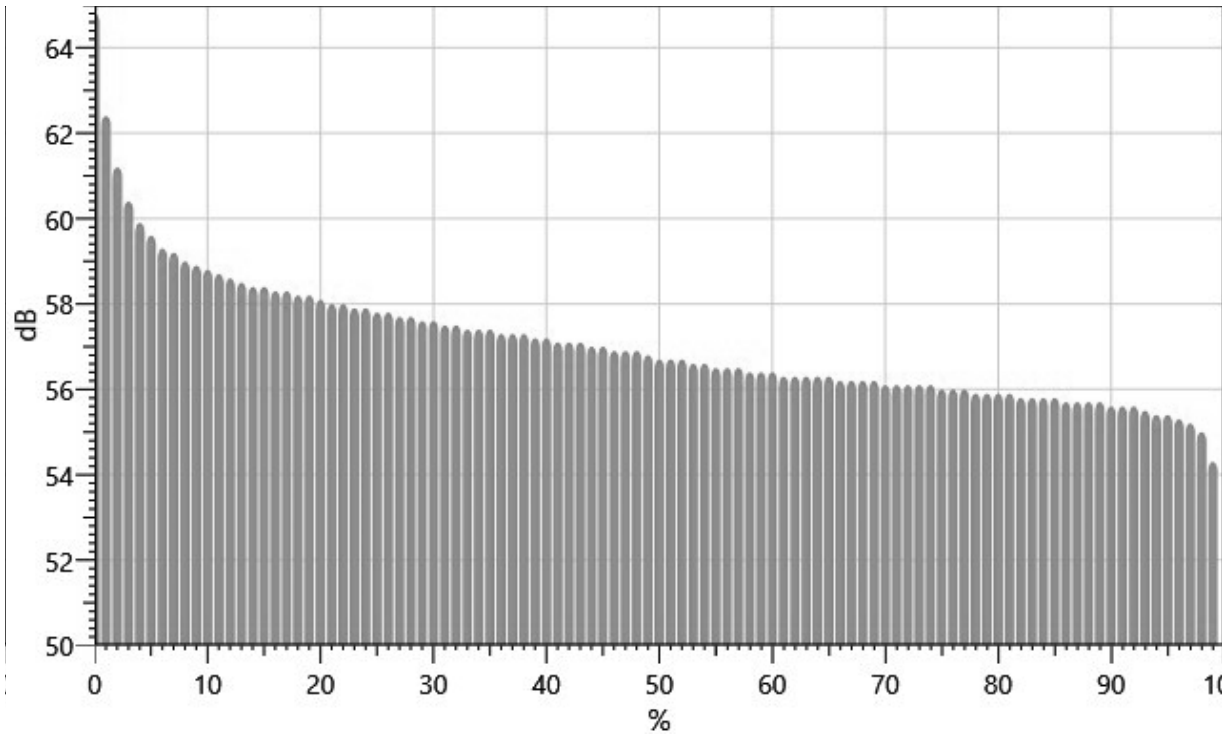


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		64.8	62.4	61.2	60.4	59.9	59.6	59.3	59.2	59.0
10%:	58.9	58.8	58.7	58.6	58.5	58.4	58.4	58.3	58.3	58.2
20%:	58.2	58.1	58.0	58.0	57.9	57.9	57.8	57.8	57.7	57.7
30%:	57.6	57.6	57.5	57.5	57.4	57.4	57.4	57.3	57.3	57.3
40%:	57.2	57.2	57.1	57.1	57.1	57.0	57.0	56.9	56.9	56.9
50%:	56.8	56.7	56.7	56.7	56.6	56.6	56.5	56.5	56.5	56.4
60%:	56.4	56.4	56.3	56.3	56.3	56.3	56.3	56.2	56.2	56.2
70%:	56.2	56.1	56.1	56.1	56.1	56.1	56.0	56.0	56.0	55.9
80%:	55.9	55.9	55.9	55.8	55.8	55.8	55.8	55.7	55.7	55.7
90%:	55.7	55.6	55.6	55.6	55.5	55.4	55.4	55.3	55.2	55.0
100%:	54.3									

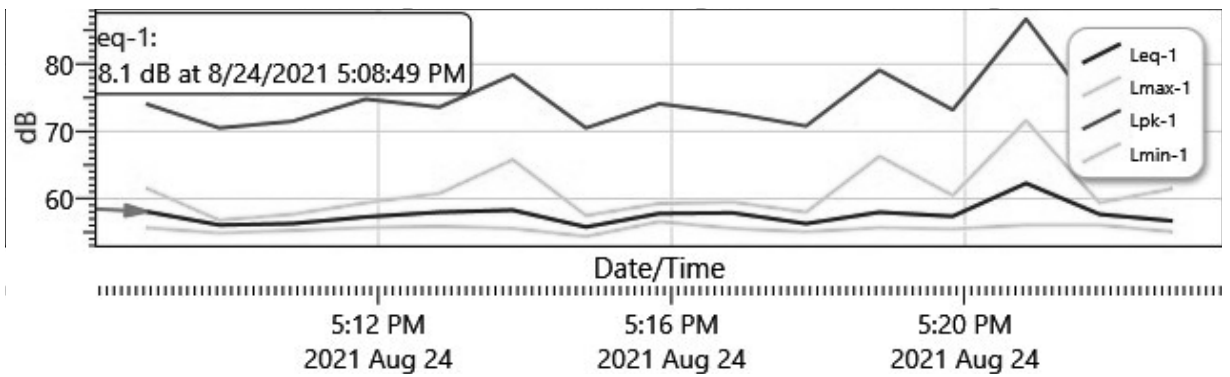
Exceedance Chart

S028_BIF090003_26082021_144849: Exceedance Chart



Logged Data Chart

S028_BIF090003_26082021_144849: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 5:08:50 PM	58.1	61.6	55.7	74.1
5:09:50 PM	56.1	56.8	54.9	70.5
5:10:50 PM	56.3	57.7	55.3	71.5
5:11:50 PM	57.3	59.4	55.7	74.8
5:12:50 PM	58	60.8	55.9	73.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:13:50 PM	58.3	65.8	55.6	78.4
5:14:50 PM	55.8	57.5	54.4	70.5
5:15:50 PM	57.8	59.3	56.6	74.1
5:16:50 PM	57.9	59.5	55.6	72.7
5:17:50 PM	56.3	58	55.1	70.8
5:18:50 PM	58	66.3	55.7	79.1
5:19:50 PM	57.4	60.5	55.5	73.2
5:20:50 PM	62.3	71.6	56.1	86.7
5:21:50 PM	57.7	59.4	56.1	72.3
5:22:50 PM	56.7	61.5	55.1	73.2

Session Report

8/26/2021

Information Panel

Name S055_BIG080015_26082021_160016
Start Time 8/24/2021 5:08:04 PM
Stop Time 8/24/2021 5:23:04 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3_50' from Ex_Little John Rd._8-24_eve.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	58.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

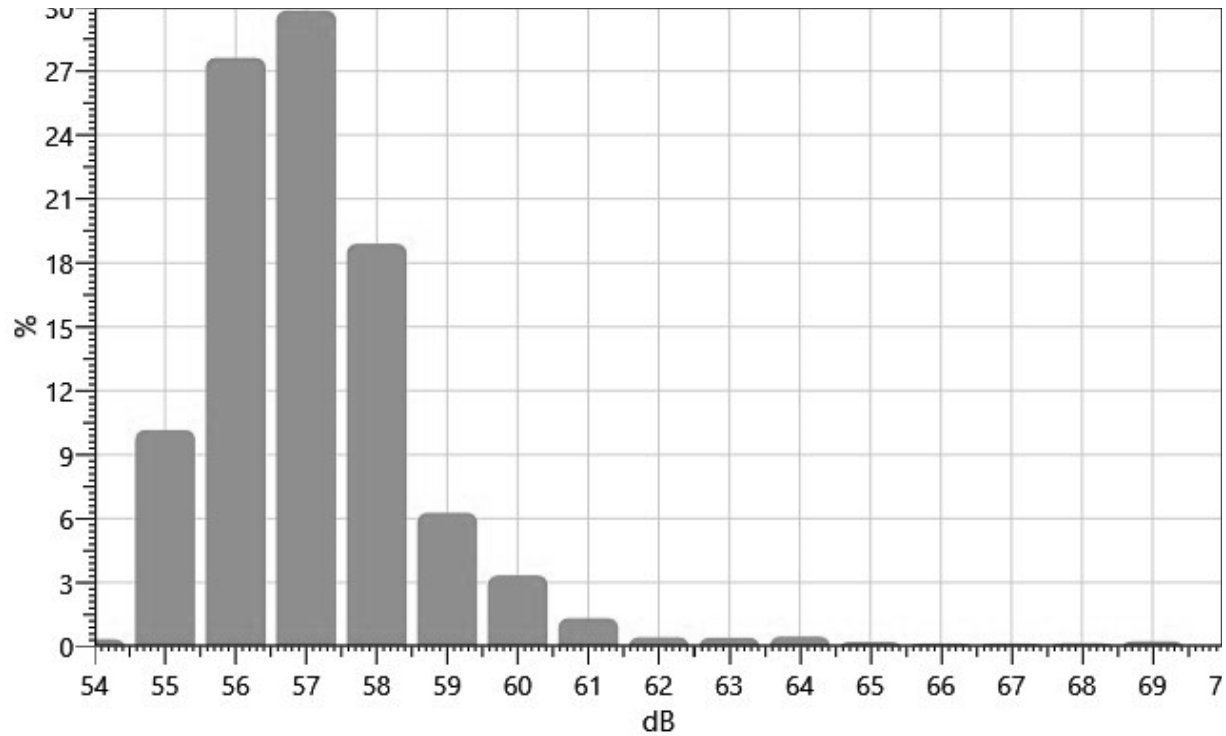
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
54:	0.00	0.00	0.00	0.05	0.03	0.02	0.03	0.05	0.10	0.06	0.34
55:	0.18	0.18	0.35	0.57	0.76	1.11	1.40	1.63	1.75	2.23	10.16
56:	2.22	1.63	1.95	2.43	2.81	2.81	2.85	3.57	3.66	3.70	27.62
57:	3.67	3.25	3.25	3.09	3.07	2.55	2.84	2.82	2.79	2.51	29.84
58:	2.15	1.91	2.24	2.18	1.84	1.84	2.10	1.98	1.33	1.31	18.90
59:	1.09	0.61	0.69	0.78	0.67	0.63	0.51	0.40	0.42	0.48	6.27
60:	0.55	0.38	0.29	0.35	0.32	0.28	0.35	0.34	0.27	0.22	3.34
61:	0.24	0.22	0.16	0.15	0.20	0.10	0.08	0.06	0.06	0.04	1.32
62:	0.05	0.05	0.04	0.05	0.03	0.04	0.03	0.04	0.04	0.06	0.43
63:	0.05	0.05	0.04	0.03	0.02	0.03	0.04	0.06	0.05	0.04	0.41
64:	0.05	0.06	0.06	0.05	0.05	0.04	0.04	0.08	0.03	0.01	0.47
65:	0.01	0.01	0.02	0.06	0.02	0.02	0.02	0.02	0.01	0.02	0.21
66:	0.02	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.14
67:	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.01	0.02	0.14

68:	0.01	0.02	0.01	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.15
69:	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.04	0.03	0.03	0.24
70:	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

Statistics Chart

S055_BIG080015_26082021_160016: Statistics Chart

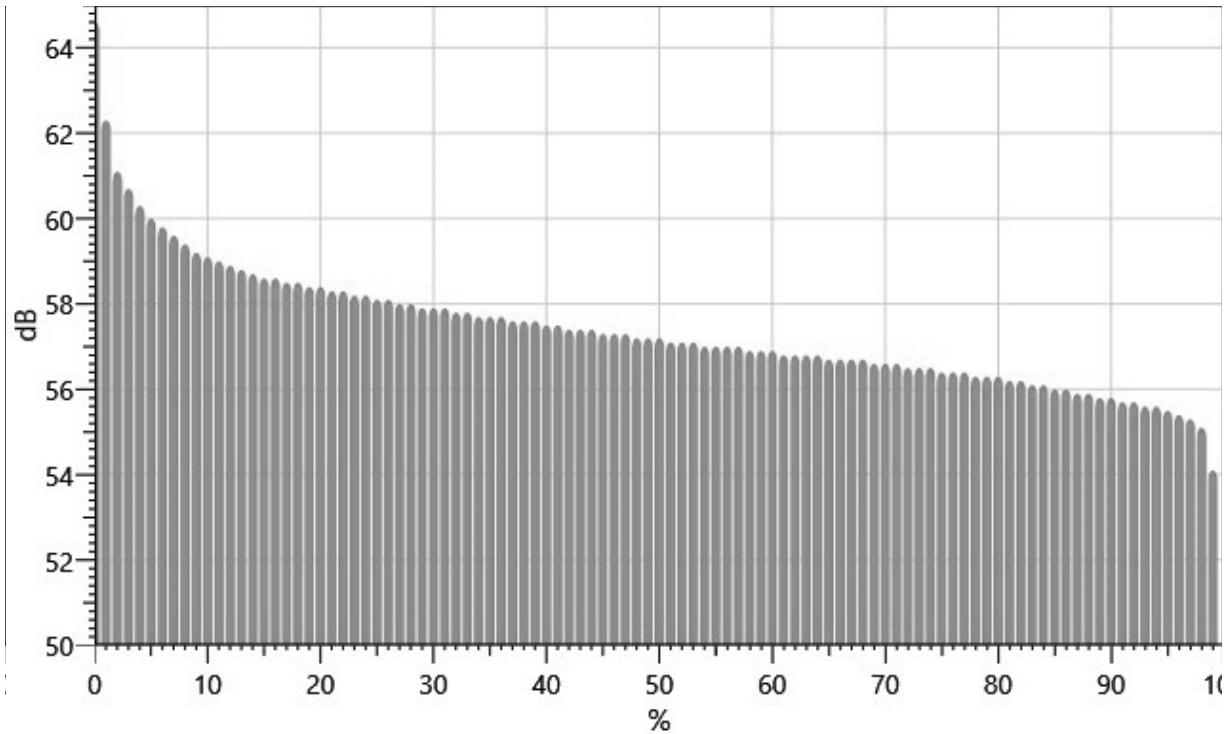


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		64.6	62.3	61.1	60.7	60.3	60.0	59.8	59.6	59.4
10%:	59.2	59.1	59.0	58.9	58.8	58.7	58.6	58.6	58.5	58.5
20%:	58.4	58.4	58.3	58.3	58.2	58.2	58.1	58.1	58.0	58.0
30%:	57.9	57.9	57.9	57.8	57.8	57.7	57.7	57.7	57.6	57.6
40%:	57.6	57.5	57.5	57.4	57.4	57.4	57.3	57.3	57.3	57.2
50%:	57.2	57.2	57.1	57.1	57.1	57.0	57.0	57.0	57.0	56.9
60%:	56.9	56.9	56.8	56.8	56.8	56.8	56.7	56.7	56.7	56.7
70%:	56.6	56.6	56.6	56.5	56.5	56.5	56.4	56.4	56.4	56.3
80%:	56.3	56.3	56.2	56.2	56.1	56.1	56.0	56.0	55.9	55.9
90%:	55.8	55.8	55.7	55.7	55.6	55.6	55.5	55.4	55.3	55.1
100%:	54.1									

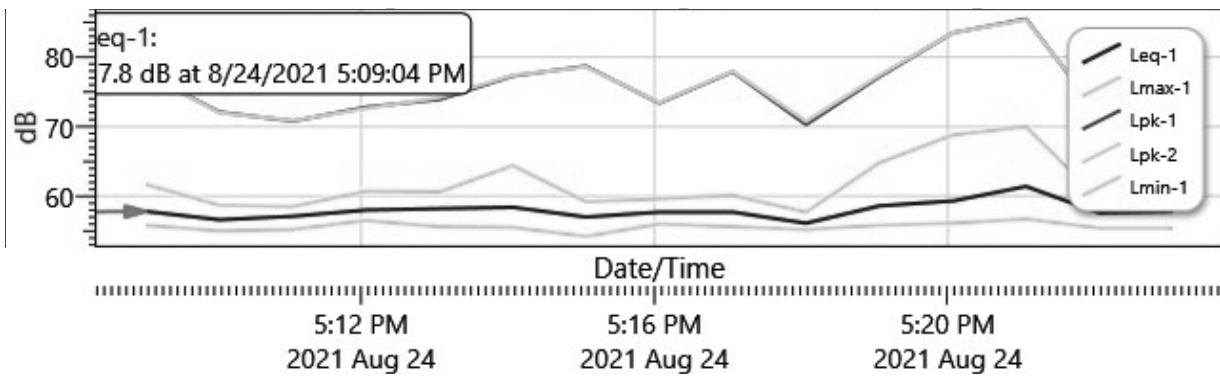
Exceedance Chart

S055_BIG080015_26082021_160016: Exceedance Chart



Logged Data Chart

S055_BIG080015_26082021_160016: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 5:09:04 PM	57.8	61.7	55.8	77.6
5:10:04 PM	56.6	58.7	55	72.1
5:11:04 PM	57.1	58.5	55.2	70.8
5:12:04 PM	58	60.7	56.5	72.8
5:13:04 PM	58.2	60.6	55.6	73.9

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:14:04 PM	58.4	64.4	55.5	77.3
5:15:04 PM	57	59.2	54.2	78.7
5:16:04 PM	57.7	59.6	56	73.4
5:17:04 PM	57.7	60.1	55.6	77.9
5:18:04 PM	56.1	57.7	55.2	70.3
5:19:04 PM	58.6	64.8	55.8	77.2
5:20:04 PM	59.3	68.8	56.1	83.5
5:21:04 PM	61.4	70	56.7	85.5
5:22:04 PM	57.6	59.5	55.4	71.8
5:23:04 PM	57.8	61.4	55.4	72.7

Session Report

8/26/2021

Information Panel

Name S010_BIH050001_26082021_183959
Start Time 8/24/2021 5:07:49 PM
Stop Time 8/24/2021 5:22:49 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' from Ex. Little John Rd._8-24_eve.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	58.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

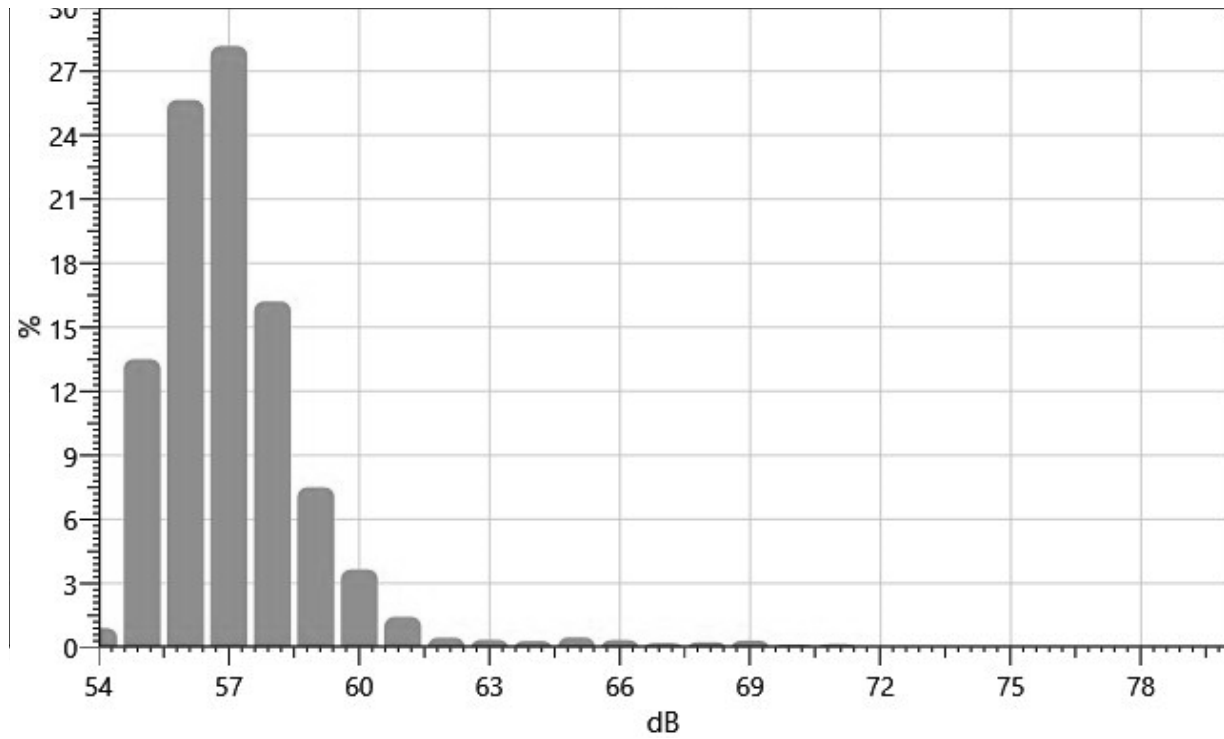
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
54:	0.00	0.00	0.00	0.00	0.00	0.08	0.09	0.11	0.24	0.39	0.90
55:	0.55	0.72	1.05	1.51	1.19	1.23	1.43	1.82	1.74	2.26	13.50
56:	2.94	2.17	2.56	2.36	2.29	2.75	2.55	2.61	2.70	2.74	25.65
57:	3.24	3.93	3.50	3.27	2.97	2.61	2.24	2.29	2.06	2.07	28.18
58:	1.90	2.17	1.99	1.71	1.64	1.66	1.45	1.32	1.36	1.02	16.21
59:	0.95	0.74	0.92	0.90	0.66	0.73	0.81	0.62	0.65	0.50	7.50
60:	0.55	0.62	0.56	0.36	0.38	0.32	0.20	0.18	0.24	0.26	3.65
61:	0.20	0.19	0.27	0.18	0.10	0.10	0.11	0.10	0.08	0.09	1.43
62:	0.08	0.06	0.05	0.05	0.05	0.03	0.03	0.04	0.03	0.04	0.46
63:	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.04	0.03	0.07	0.36
64:	0.09	0.03	0.02	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.30
65:	0.03	0.03	0.02	0.03	0.04	0.09	0.09	0.05	0.04	0.05	0.47
66:	0.07	0.03	0.03	0.04	0.04	0.05	0.02	0.02	0.02	0.02	0.34
67:	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.20

68:	0.03	0.02	0.01	0.02	0.03	0.03	0.02	0.03	0.03	0.03	0.25
69:	0.04	0.04	0.08	0.06	0.02	0.01	0.02	0.02	0.02	0.01	0.32
70:	0.02	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.13
71:	0.02	0.03	0.02	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.15

Statistics Chart

S010_BIH050001_26082021_183959: Statistics Chart

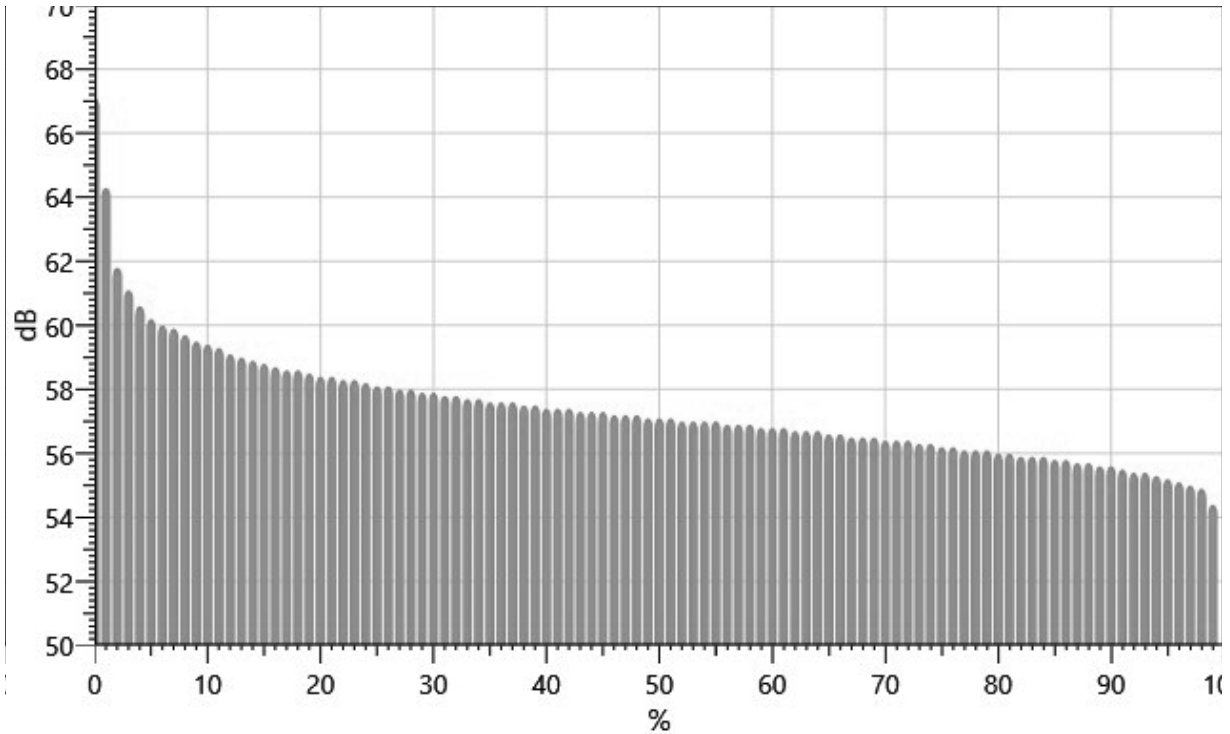


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		67.1	64.3	61.8	61.1	60.6	60.2	60.0	59.9	59.7
10%:	59.5	59.4	59.3	59.1	59.0	58.9	58.8	58.7	58.6	58.6
20%:	58.5	58.4	58.4	58.3	58.3	58.2	58.1	58.1	58.0	58.0
30%:	57.9	57.9	57.8	57.8	57.7	57.7	57.6	57.6	57.6	57.5
40%:	57.5	57.4	57.4	57.4	57.3	57.3	57.3	57.2	57.2	57.2
50%:	57.1	57.1	57.1	57.0	57.0	57.0	57.0	56.9	56.9	56.9
60%:	56.8	56.8	56.8	56.7	56.7	56.7	56.6	56.6	56.5	56.5
70%:	56.5	56.4	56.4	56.4	56.3	56.3	56.2	56.2	56.1	56.1
80%:	56.1	56.0	56.0	55.9	55.9	55.9	55.8	55.8	55.7	55.7
90%:	55.6	55.6	55.5	55.4	55.4	55.3	55.2	55.1	55.0	54.9
100%:	54.4									

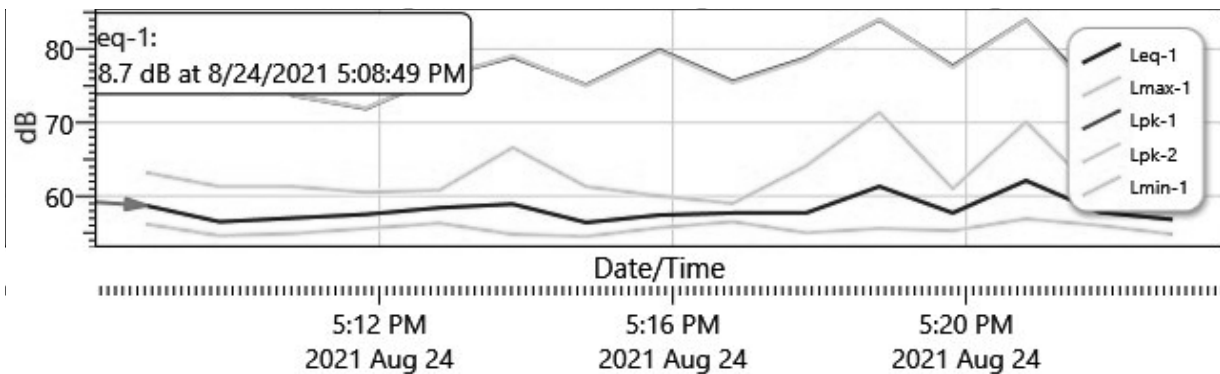
Exceedance Chart

S010_BIH050001_26082021_183959: Exceedance Chart



Logged Data Chart

S010_BIH050001_26082021_183959: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 5:08:49 PM	58.7	63.2	56.2	79.5
5:09:49 PM	56.5	61.3	54.6	83.9
5:10:49 PM	57	61.3	54.9	73.7
5:11:49 PM	57.5	60.5	55.6	71.9
5:12:49 PM	58.4	60.8	56.3	76.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:13:49 PM	58.9	66.6	54.8	78.9
5:14:49 PM	56.4	61.3	54.5	75.1
5:15:49 PM	57.4	60	55.7	79.9
5:16:49 PM	57.7	59	56.5	75.6
5:17:49 PM	57.7	64.1	55	78.8
5:18:49 PM	61.3	71.4	55.6	84
5:19:49 PM	57.7	61	55.3	77.7
5:20:49 PM	62.1	70.1	56.9	84
5:21:49 PM	57.8	60.2	56	73.7
5:22:49 PM	56.8	60.1	54.8	74.1

Session Report

8/26/2021

Information Panel

Name S349_BIF030001_26082021_185437
Start Time 8/24/2021 5:07:16 PM
Stop Time 8/24/2021 5:22:16 PM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' from Ex. Little John Rd._8-24_eve.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	57 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

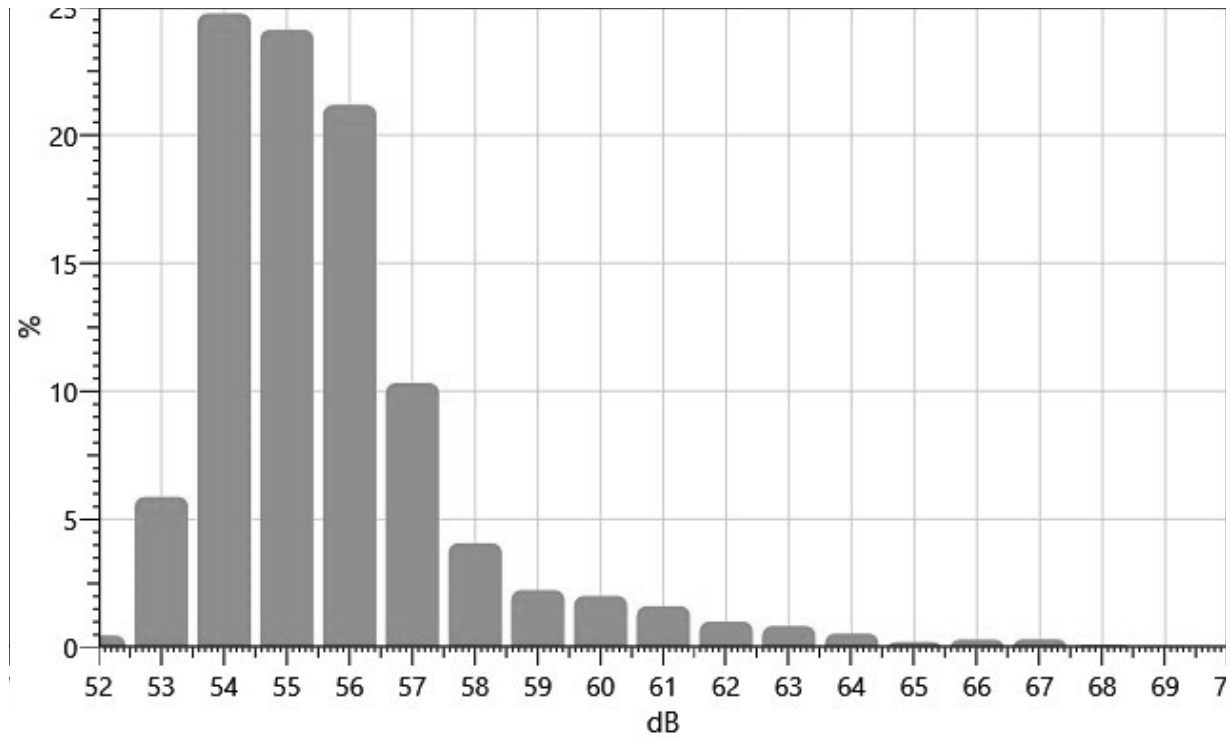
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
52:	0.00	0.00	0.04	0.05	0.16	0.08	0.03	0.06	0.02	0.02	0.47
53:	0.06	0.07	0.08	0.05	0.26	0.63	0.84	0.90	1.38	1.63	5.88
54:	1.99	1.82	1.70	2.33	2.83	2.67	2.90	2.77	3.02	2.72	24.75
55:	2.85	2.63	2.00	2.14	2.42	2.44	2.55	2.57	2.34	2.18	24.12
56:	2.38	2.45	2.15	2.57	2.43	2.08	1.93	1.66	1.76	1.77	21.18
57:	1.67	1.48	1.31	1.05	0.81	0.83	0.73	0.80	0.80	0.86	10.32
58:	0.53	0.50	0.30	0.46	0.51	0.39	0.44	0.33	0.31	0.30	4.07
59:	0.26	0.31	0.28	0.23	0.23	0.20	0.16	0.20	0.19	0.19	2.24
60:	0.15	0.19	0.19	0.19	0.23	0.19	0.18	0.25	0.22	0.20	2.01
61:	0.18	0.19	0.12	0.17	0.19	0.20	0.15	0.15	0.14	0.11	1.61
62:	0.10	0.11	0.10	0.09	0.11	0.11	0.09	0.09	0.10	0.11	1.01
63:	0.11	0.07	0.09	0.08	0.08	0.09	0.08	0.08	0.08	0.08	0.83
64:	0.06	0.09	0.07	0.09	0.06	0.05	0.05	0.03	0.03	0.02	0.54
65:	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.21

66:	0.05	0.02	0.02	0.03	0.03	0.03	0.04	0.03	0.02	0.03	0.31
67:	0.02	0.04	0.06	0.03	0.03	0.06	0.05	0.01	0.01	0.01	0.32
68:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.10
69:	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

Statistics Chart

S349_BIF030001_26082021_185437: Statistics Chart

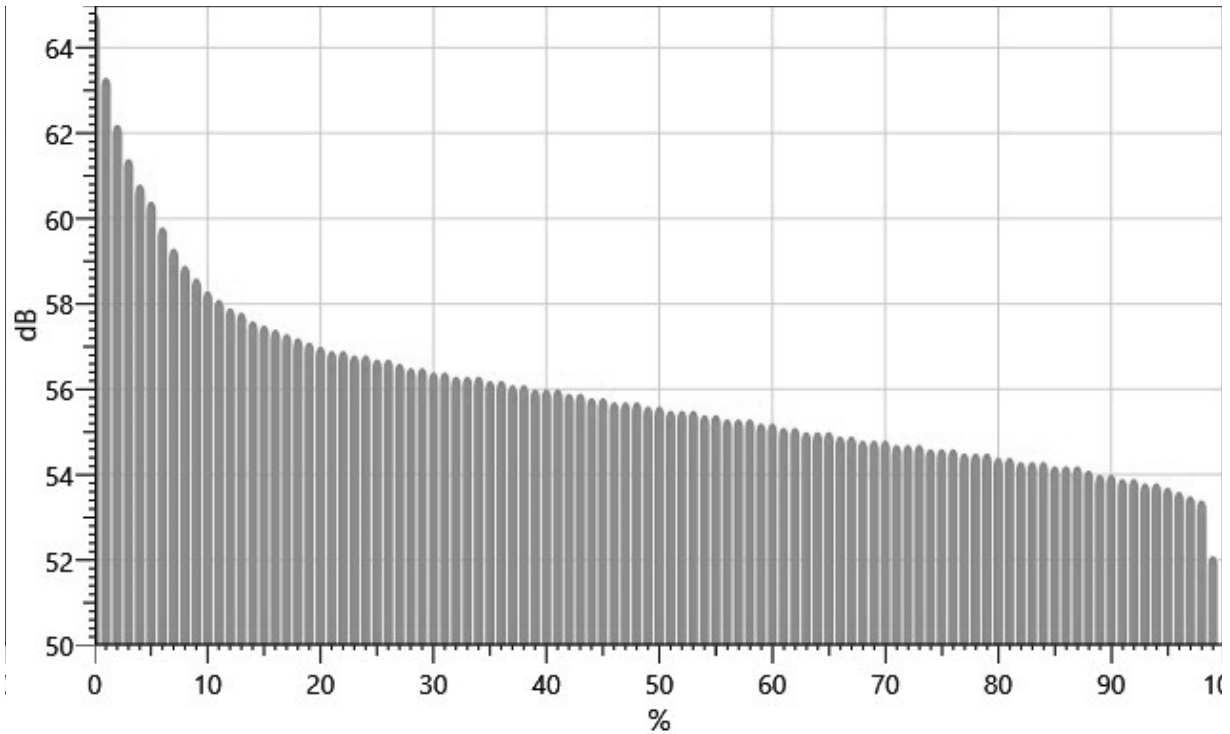


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		64.8	63.3	62.2	61.4	60.8	60.4	59.8	59.3	58.9
10%:	58.6	58.3	58.1	57.9	57.8	57.6	57.5	57.4	57.3	57.2
20%:	57.1	57.0	56.9	56.9	56.8	56.8	56.7	56.7	56.6	56.5
30%:	56.5	56.4	56.4	56.3	56.3	56.3	56.2	56.2	56.1	56.1
40%:	56.0	56.0	56.0	55.9	55.9	55.8	55.8	55.7	55.7	55.7
50%:	55.6	55.6	55.5	55.5	55.5	55.4	55.4	55.3	55.3	55.3
60%:	55.2	55.2	55.1	55.1	55.0	55.0	55.0	54.9	54.9	54.8
70%:	54.8	54.8	54.7	54.7	54.7	54.6	54.6	54.6	54.5	54.5
80%:	54.5	54.4	54.4	54.3	54.3	54.3	54.2	54.2	54.2	54.1
90%:	54.0	54.0	53.9	53.9	53.8	53.8	53.7	53.6	53.5	53.4
100%:	52.1									

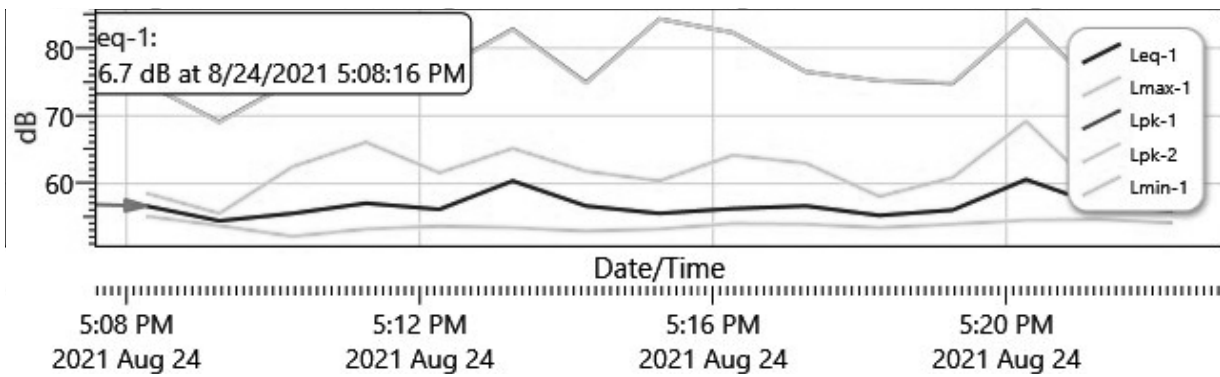
Exceedance Chart

S349_BIF030001_26082021_185437: Exceedance Chart



Logged Data Chart

S349_BIF030001_26082021_185437: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/24/2021 5:08:16 PM	56.7	58.6	55.2	74.8
5:09:16 PM	54.5	55.6	53.8	69.1
5:10:16 PM	55.6	62.5	52.2	75.1
5:11:16 PM	57.1	66.1	53.3	81.2
5:12:16 PM	56.2	61.6	53.7	76.8

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
5:13:16 PM	60.4	65.2	53.5	82.8
5:14:16 PM	56.7	61.8	53	74.9
5:15:16 PM	55.6	60.4	53.3	84.3
5:16:16 PM	56.3	64.2	54.1	82.3
5:17:16 PM	56.7	63	54	76.5
5:18:16 PM	55.3	58.1	53.5	75.2
5:19:16 PM	56.1	60.9	54	74.8
5:20:16 PM	60.6	69.2	54.6	84.2
5:21:16 PM	56.8	58.8	54.7	73.8
5:22:16 PM	56	58.3	54.2	70.5

Session Report

8/26/2021

Information Panel

Name S029_BIF090005_26082021_130537
Start Time 8/25/2021 8:23:38 AM
Stop Time 8/25/2021 8:38:38 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter1 TOW Vinyl - 8-25_Elmsmere-a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	84 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

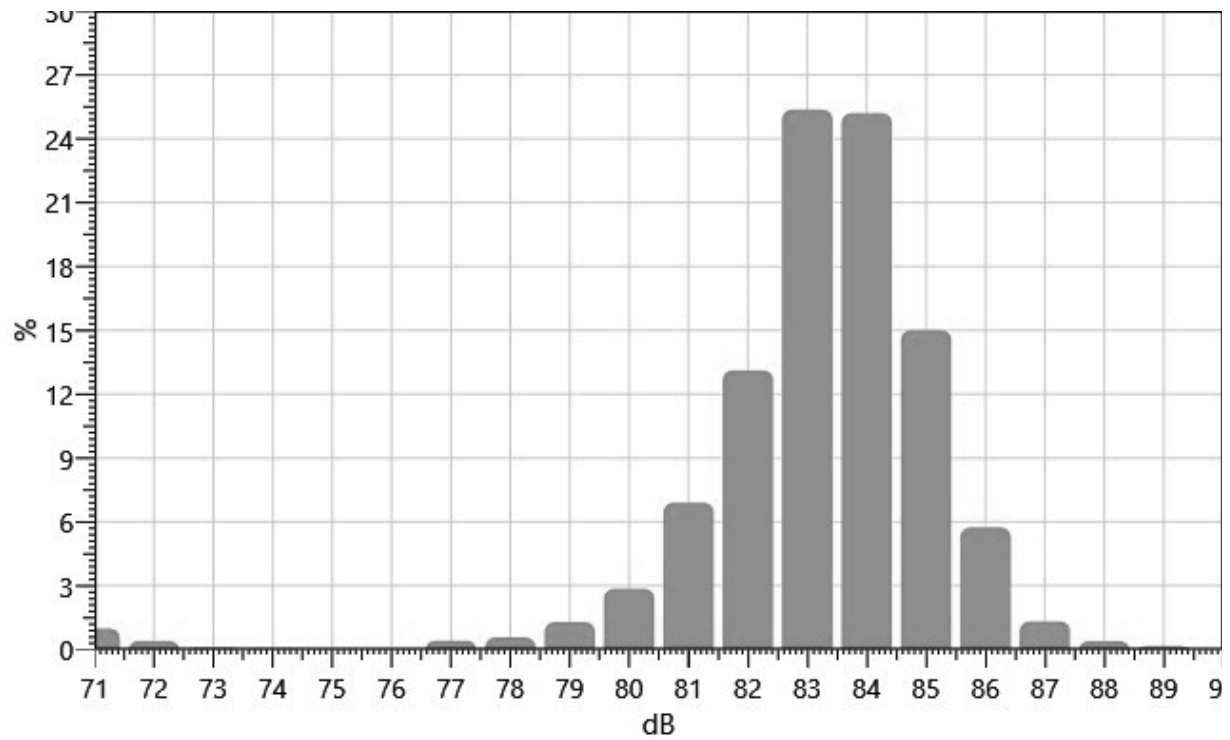
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
71:	0.00	0.00	0.02	0.07	0.08	0.07	0.33	0.16	0.12	0.13	0.99
72:	0.13	0.04	0.03	0.04	0.03	0.04	0.03	0.04	0.01	0.02	0.41
73:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.09
74:	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.06
75:	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
76:	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.04
77:	0.01	0.00	0.02	0.04	0.04	0.03	0.04	0.04	0.11	0.10	0.43
78:	0.06	0.07	0.06	0.03	0.03	0.05	0.04	0.05	0.06	0.11	0.57
79:	0.20	0.16	0.13	0.10	0.10	0.10	0.09	0.11	0.12	0.17	1.29
80:	0.24	0.22	0.19	0.18	0.24	0.44	0.44	0.31	0.27	0.32	2.86
81:	0.51	0.43	0.56	0.46	0.71	0.92	0.83	0.93	0.76	0.79	6.90
82:	0.75	0.85	1.23	1.17	1.41	1.43	1.34	1.40	1.44	2.10	13.12
83:	1.72	1.89	2.07	2.45	2.65	2.96	2.76	2.79	3.06	3.03	25.37
84:	3.05	3.08	3.50	1.95	2.41	2.22	2.27	2.31	2.14	2.27	25.20

85:	2.22	2.40	1.82	1.55	1.55	1.18	1.08	1.19	1.07	0.95	15.01
86:	0.77	0.76	0.79	0.57	0.47	0.42	0.47	0.47	0.61	0.41	5.74
87:	0.25	0.22	0.14	0.11	0.14	0.17	0.11	0.07	0.05	0.05	1.32
88:	0.05	0.06	0.06	0.06	0.07	0.05	0.02	0.01	0.01	0.01	0.40
89:	0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.04	0.17
90:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Statistics Chart

S029_BIF090005_26082021_130537: Statistics Chart



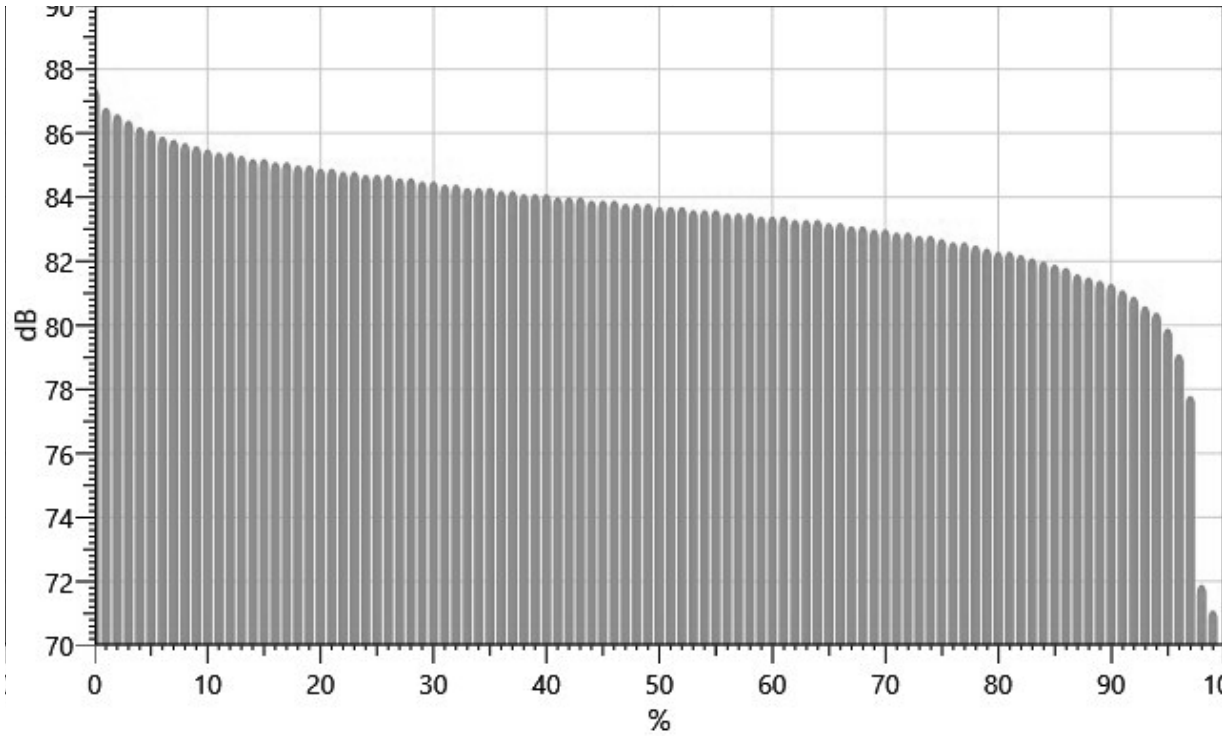
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		87.4	86.8	86.6	86.4	86.2	86.1	85.9	85.8	85.7
10%:	85.6	85.5	85.4	85.4	85.3	85.2	85.2	85.1	85.1	85.0
20%:	85.0	84.9	84.9	84.8	84.8	84.7	84.7	84.7	84.6	84.6
30%:	84.5	84.5	84.4	84.4	84.3	84.3	84.3	84.2	84.2	84.1
40%:	84.1	84.1	84.0	84.0	84.0	83.9	83.9	83.9	83.8	83.8
50%:	83.8	83.7	83.7	83.7	83.6	83.6	83.6	83.5	83.5	83.5
60%:	83.4	83.4	83.4	83.3	83.3	83.3	83.2	83.2	83.1	83.1
70%:	83.0	83.0	82.9	82.9	82.8	82.8	82.7	82.6	82.6	82.5
80%:	82.4	82.3	82.3	82.2	82.1	82.0	81.9	81.8	81.6	81.5

90%: 81.4 81.3 81.1 80.9 80.6 80.4 79.9 79.1 77.8 71.9
 100%: 71.1

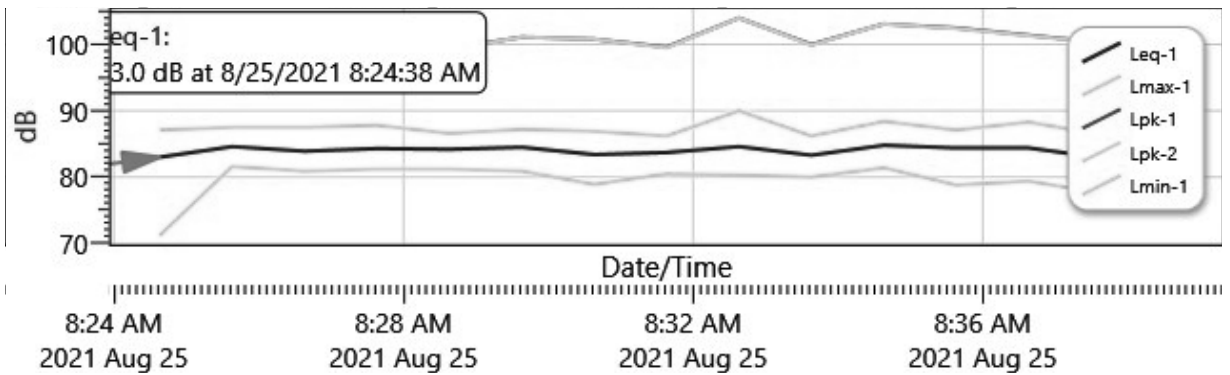
Exceedance Chart

S029_BIF090005_26082021_130537: Exceedance Chart



Logged Data Chart

S029_BIF090005_26082021_130537: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/25/2021 8:24:38 AM	83	87.1	71.2	100.8
8:25:38 AM	84.6	87.5	81.6	101.3

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:26:38 AM	83.9	87.5	80.9	102.5
8:27:38 AM	84.3	87.8	81.2	100.6
8:28:38 AM	84.2	86.6	81.2	99.4
8:29:38 AM	84.5	87.2	80.9	101.1
8:30:38 AM	83.4	86.9	78.9	100.8
8:31:38 AM	83.7	86.2	80.5	99.6
8:32:38 AM	84.6	90	80.3	104
8:33:38 AM	83.3	86.2	80	100
8:34:38 AM	84.8	88.4	81.4	103.1
8:35:38 AM	84.4	87.1	78.8	102.5
8:36:38 AM	84.4	88.3	79.4	101.4
8:37:38 AM	82.9	86.4	77.6	100.3
8:38:38 AM	84	88.5	77.2	101

Session Report

8/26/2021

Information Panel

Name S029_BIF090003_26082021_144850
Start Time 8/25/2021 8:23:32 AM
Stop Time 8/25/2021 8:38:32 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 2 5' Ex_Elmsmere_8-25_a.m. Cicada noise present

Summary Data Panel

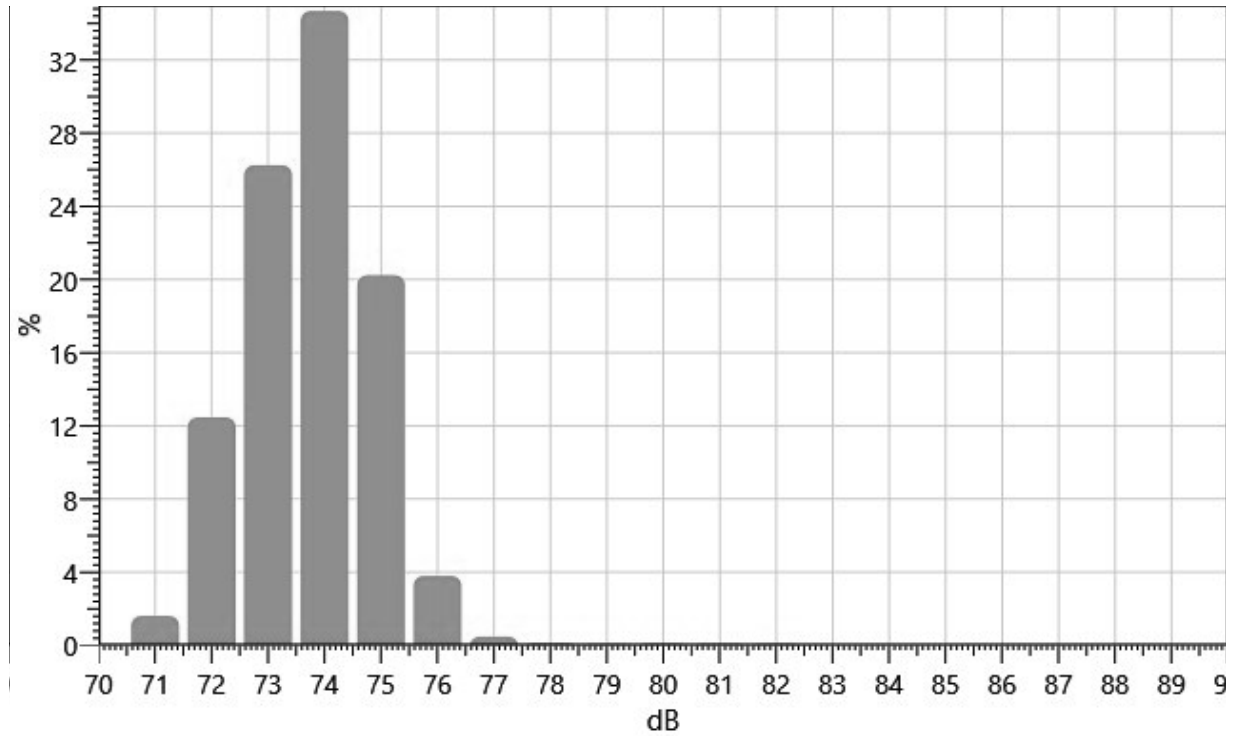
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	74.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
70:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
71:	0.10	0.08	0.03	0.15	0.22	0.16	0.24	0.25	0.24	0.14	1.61
72:	0.20	0.57	0.92	1.17	1.25	1.77	1.94	1.67	1.61	1.38	12.47
73:	1.43	1.54	1.86	1.76	2.44	3.16	2.99	3.43	3.68	3.95	26.25
74:	3.87	3.60	2.25	3.57	3.93	4.39	3.70	3.44	3.11	2.82	34.68
75:	2.83	2.38	2.38	2.64	2.71	1.85	1.44	1.63	1.30	1.08	20.24
76:	0.64	0.95	0.80	0.62	0.32	0.12	0.11	0.10	0.10	0.04	3.79
77:	0.06	0.04	0.03	0.04	0.05	0.05	0.13	0.05	0.02	0.03	0.48
78:	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.12
79:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
80:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.10
81:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.09
82:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.00	0.09

Statistics Chart

S029_BIF090003_26082021_144850: Statistics Chart

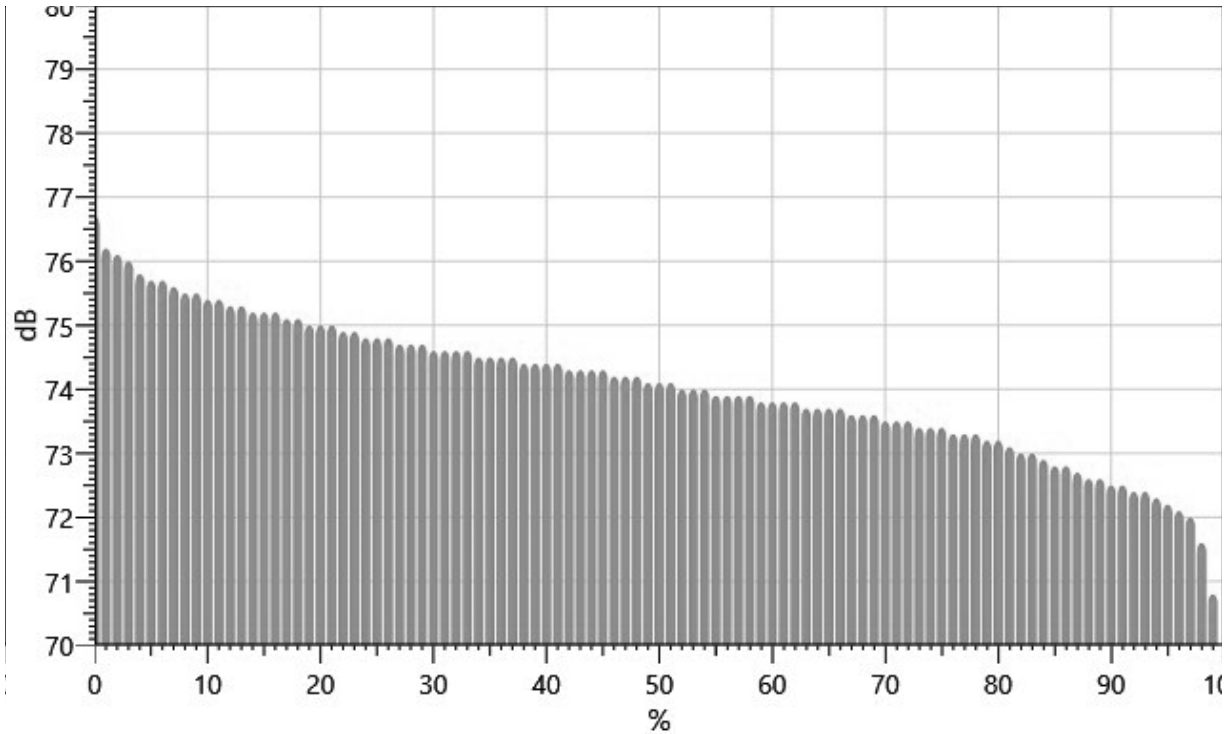


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		76.7	76.2	76.1	76.0	75.8	75.7	75.7	75.6	75.5
10%:	75.5	75.4	75.4	75.3	75.3	75.2	75.2	75.2	75.1	75.1
20%:	75.0	75.0	75.0	74.9	74.9	74.8	74.8	74.8	74.7	74.7
30%:	74.7	74.6	74.6	74.6	74.6	74.5	74.5	74.5	74.5	74.4
40%:	74.4	74.4	74.4	74.3	74.3	74.3	74.3	74.2	74.2	74.2
50%:	74.1	74.1	74.1	74.0	74.0	74.0	73.9	73.9	73.9	73.9
60%:	73.8	73.8	73.8	73.8	73.7	73.7	73.7	73.7	73.6	73.6
70%:	73.6	73.5	73.5	73.5	73.4	73.4	73.4	73.3	73.3	73.3
80%:	73.2	73.2	73.1	73.0	73.0	72.9	72.8	72.8	72.7	72.6
90%:	72.6	72.5	72.5	72.4	72.4	72.3	72.2	72.1	72.0	71.6
100%:	70.8									

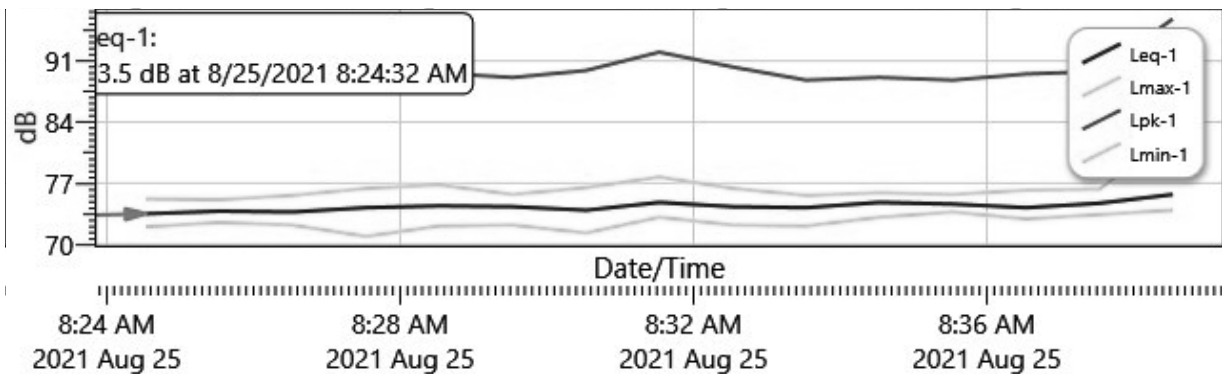
Exceedance Chart

S029_BIF090003_26082021_144850: Exceedance Chart



Logged Data Chart

S029_BIF090003_26082021_144850: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/25/2021 8:24:32 AM	73.5	75.2	72	89.6
8:25:32 AM	73.8	75.1	72.5	88.2
8:26:32 AM	73.7	75.6	72.2	88.8
8:27:32 AM	74.2	76.4	70.9	89.7
8:28:32 AM	74.4	76.8	72.1	89.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:29:32 AM	74.3	75.7	72.2	89.1
8:30:32 AM	73.9	76.5	71.3	89.9
8:31:32 AM	74.8	77.7	73.1	92
8:32:32 AM	74.3	76.4	72.2	90.3
8:33:32 AM	74.2	75.6	72.1	88.8
8:34:32 AM	74.8	75.9	73.1	89.1
8:35:32 AM	74.6	75.7	73.7	88.8
8:36:32 AM	74.2	76.2	72.9	89.5
8:37:32 AM	74.7	76.3	73.4	89.8
8:38:32 AM	75.7	82.8	73.9	95.8

Session Report

8/26/2021

Information Panel

Name S056_BIG080015_26082021_160018
Start Time 8/25/2021 8:23:49 AM
Stop Time 8/25/2021 8:38:49 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3 50' from Vinyl-Elmsmere-8-25-a.m. Cicadas noise present.

Summary Data Panel

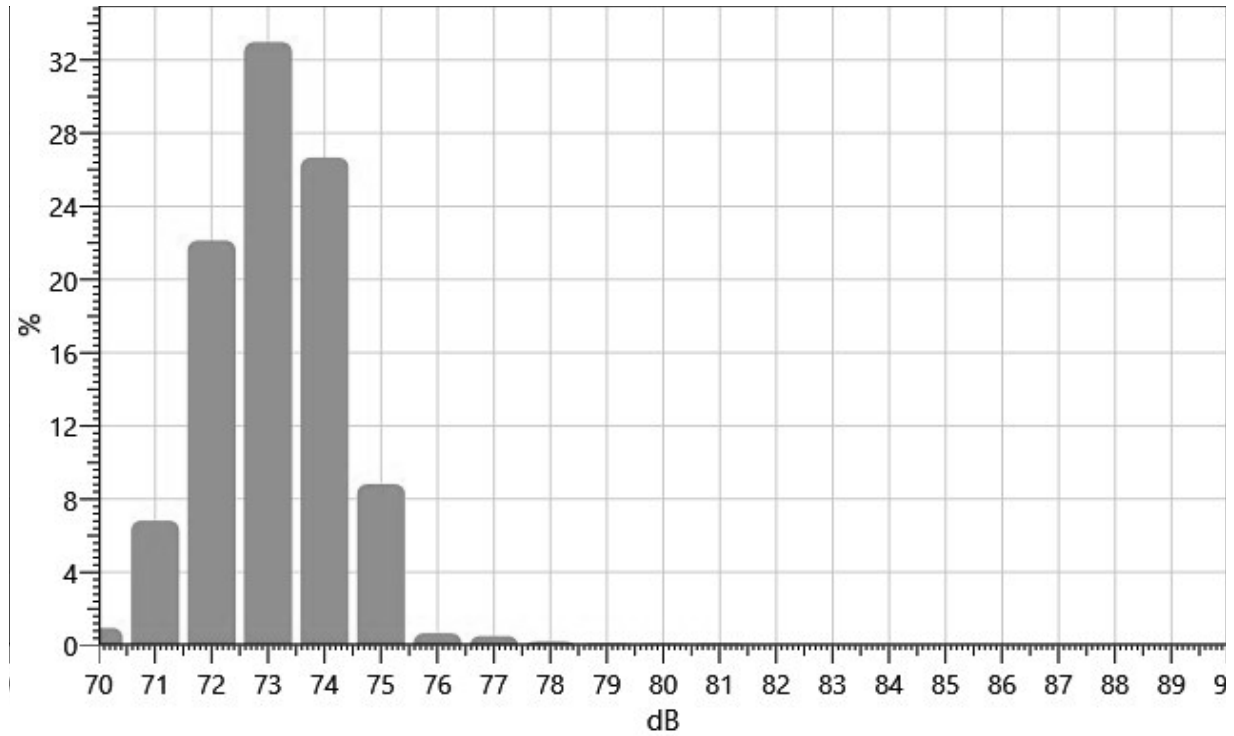
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	73.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
70:	0.00	0.00	0.00	0.00	0.00	0.18	0.20	0.12	0.16	0.30	0.95
71:	0.35	0.46	0.25	0.25	0.58	0.66	1.14	0.95	1.07	1.12	6.82
72:	1.94	1.79	1.31	1.47	2.34	2.09	2.39	2.61	3.34	2.85	22.13
73:	2.50	2.37	2.66	3.40	2.99	3.30	3.60	3.60	4.33	4.24	32.98
74:	3.70	3.64	2.05	3.00	2.80	2.50	2.58	2.25	2.06	2.08	26.66
75:	1.68	1.18	1.25	1.75	0.84	0.68	0.59	0.35	0.38	0.11	8.81
76:	0.12	0.09	0.11	0.05	0.06	0.05	0.04	0.05	0.05	0.06	0.66
77:	0.07	0.05	0.03	0.05	0.04	0.05	0.05	0.05	0.06	0.06	0.51
78:	0.03	0.03	0.07	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.20
79:	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.10
80:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.09
81:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.09

Statistics Chart

S056_BIG080015_26082021_160018: Statistics Chart

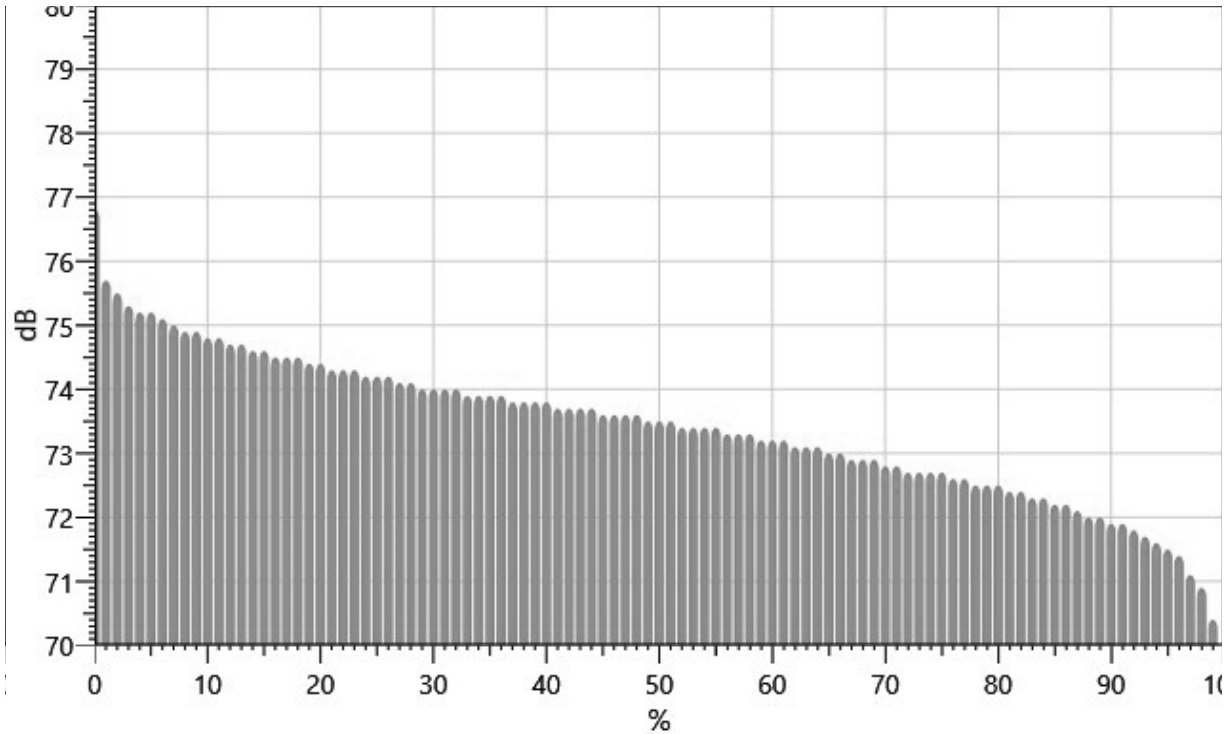


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		76.8	75.7	75.5	75.3	75.2	75.2	75.1	75.0	74.9
10%:	74.9	74.8	74.8	74.7	74.7	74.6	74.6	74.5	74.5	74.5
20%:	74.4	74.4	74.3	74.3	74.3	74.2	74.2	74.2	74.1	74.1
30%:	74.0	74.0	74.0	74.0	73.9	73.9	73.9	73.9	73.8	73.8
40%:	73.8	73.8	73.7	73.7	73.7	73.7	73.6	73.6	73.6	73.6
50%:	73.5	73.5	73.5	73.4	73.4	73.4	73.4	73.3	73.3	73.3
60%:	73.2	73.2	73.2	73.1	73.1	73.1	73.0	73.0	72.9	72.9
70%:	72.9	72.8	72.8	72.7	72.7	72.7	72.7	72.6	72.6	72.5
80%:	72.5	72.5	72.4	72.4	72.3	72.3	72.2	72.2	72.1	72.0
90%:	72.0	71.9	71.9	71.8	71.7	71.6	71.5	71.4	71.1	70.9
100%:	70.4									

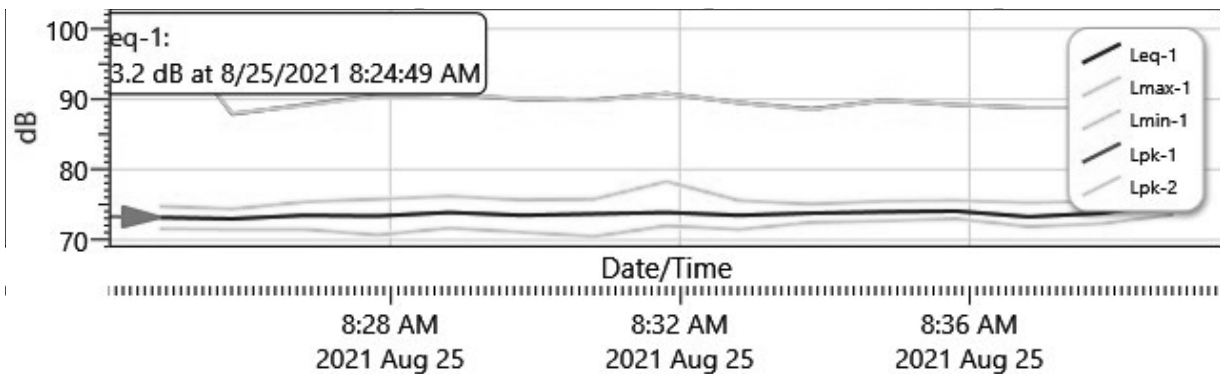
Exceedance Chart

S056_BIG080015_26082021_160018: Exceedance Chart



Logged Data Chart

S056_BIG080015_26082021_160018: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/25/2021 8:24:49 AM	73.2	74.8	71.6	101.4
8:25:49 AM	73	74.4	71.5	87.9
8:26:49 AM	73.5	75.4	71.5	89.2
8:27:49 AM	73.4	75.8	70.7	90.5
8:28:49 AM	73.9	76.2	71.7	90.7

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:29:49 AM	73.5	75.7	71.1	90
8:30:49 AM	73.7	75.8	70.5	89.9
8:31:49 AM	73.9	78.3	72	90.8
8:32:49 AM	73.5	75.6	71.5	89.5
8:33:49 AM	73.8	75.1	72.5	88.6
8:34:49 AM	74	75.5	72.7	89.8
8:35:49 AM	74.1	75.6	73	89.2
8:36:49 AM	73.3	75.3	71.9	88.8
8:37:49 AM	73.8	75.5	72.3	88.8
8:38:49 AM	75.3	81.9	73.6	96.2

Session Report

8/26/2021

Information Panel

Name S011_BIH050001_26082021_172337
Start Time 8/25/2021 8:23:31 AM
Stop Time 8/25/2021 8:38:31 AM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4_100' from Vinyl_Elmsmere_8-25_a.m. Cicadas present.

Summary Data Panel

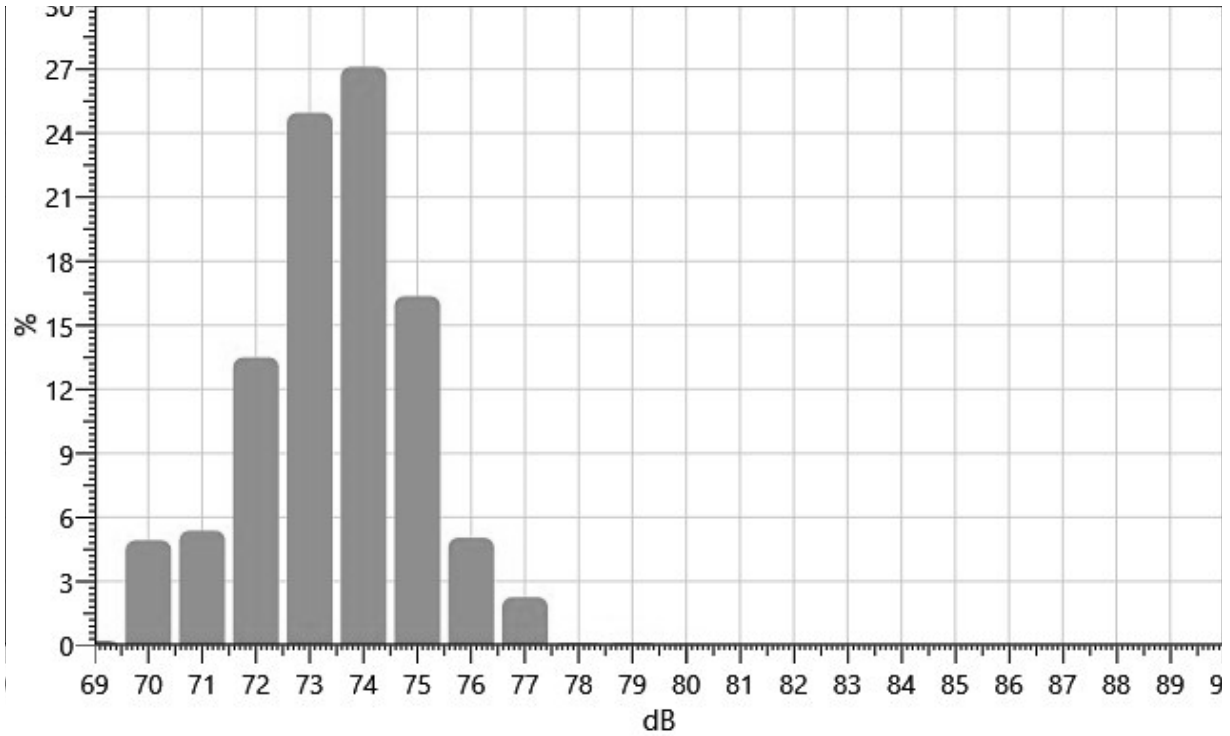
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	74.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
69:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.10	0.08	0.22
70:	0.12	0.65	0.92	0.53	0.42	0.34	0.48	0.42	0.58	0.47	4.92
71:	0.31	0.34	0.38	0.48	0.40	0.38	0.72	0.89	0.74	0.73	5.38
72:	1.01	1.37	1.43	1.06	1.46	1.24	1.49	1.46	1.61	1.38	13.49
73:	1.86	2.05	1.40	2.15	3.06	2.85	2.41	2.72	2.69	3.77	24.95
74:	3.80	2.84	1.68	2.83	3.02	3.23	2.67	2.56	2.40	2.08	27.11
75:	1.71	1.59	1.67	1.91	2.19	1.50	1.57	1.81	1.33	1.09	16.37
76:	0.64	0.58	0.42	0.39	0.44	0.65	0.74	0.46	0.42	0.31	5.04
77:	0.64	0.38	0.21	0.28	0.30	0.27	0.05	0.09	0.04	0.01	2.26
78:	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.02	0.02	0.11
79:	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.11
80:	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05

Statistics Chart

S011_BIH050001_26082021_172337: Statistics Chart

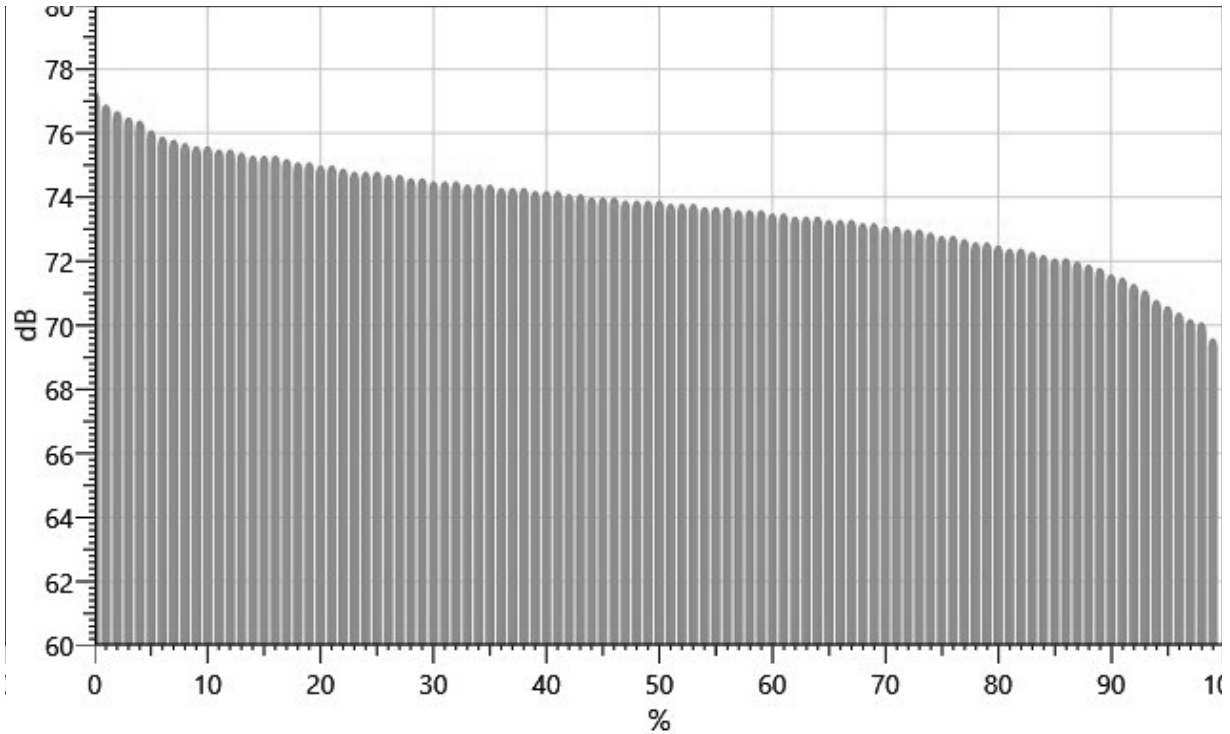


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		77.3	76.9	76.7	76.5	76.4	76.1	75.9	75.8	75.7
10%:	75.6	75.6	75.5	75.5	75.4	75.3	75.3	75.3	75.2	75.1
20%:	75.1	75.0	75.0	74.9	74.8	74.8	74.8	74.7	74.7	74.6
30%:	74.6	74.5	74.5	74.5	74.4	74.4	74.4	74.3	74.3	74.3
40%:	74.2	74.2	74.2	74.1	74.1	74.0	74.0	74.0	73.9	73.9
50%:	73.9	73.9	73.8	73.8	73.8	73.7	73.7	73.7	73.6	73.6
60%:	73.6	73.5	73.5	73.4	73.4	73.4	73.3	73.3	73.3	73.2
70%:	73.2	73.1	73.1	73.0	73.0	72.9	72.8	72.8	72.7	72.6
80%:	72.6	72.5	72.4	72.4	72.3	72.2	72.1	72.1	72.0	71.9
90%:	71.8	71.6	71.5	71.3	71.1	70.8	70.6	70.4	70.2	70.1
100%:	69.6									

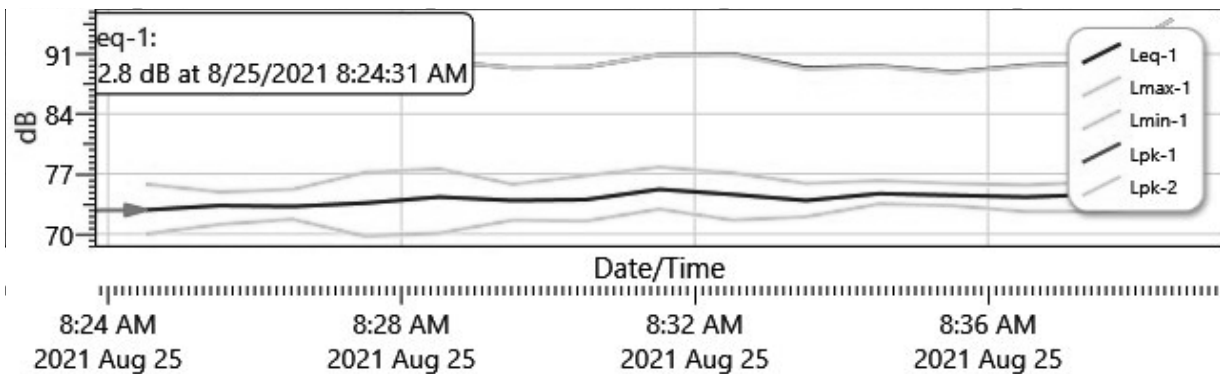
Exceedance Chart

S011_BIH050001_26082021_172337: Exceedance Chart



Logged Data Chart

S011_BIH050001_26082021_172337: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/25/2021 8:24:31 AM	72.8	75.8	70	89.1
8:25:31 AM	73.3	74.9	71.1	88.9
8:26:31 AM	73.2	75.2	71.7	88.7
8:27:31 AM	73.6	77.2	69.7	90.7
8:28:31 AM	74.3	77.6	70.1	90.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:29:31 AM	73.9	75.8	71.6	89.4
8:30:31 AM	74	76.8	71.5	89.5
8:31:31 AM	75.2	77.8	72.9	90.9
8:32:31 AM	74.6	77.1	71.6	91
8:33:31 AM	73.9	75.9	72	89.4
8:34:31 AM	74.7	76.2	73.5	89.6
8:35:31 AM	74.5	75.9	73.3	88.9
8:36:31 AM	74.3	75.7	72.6	89.7
8:37:31 AM	74.6	76.1	72.6	90
8:38:31 AM	75	80.3	73.3	95.1

Session Report

8/26/2021

Information Panel

Name S350_BIF030001_26082021_185439
Start Time 8/25/2021 8:22:59 AM
Stop Time 8/25/2021 8:37:59 AM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' From Vinyl-Elmsmere_8-25-a.m.

Summary Data Panel

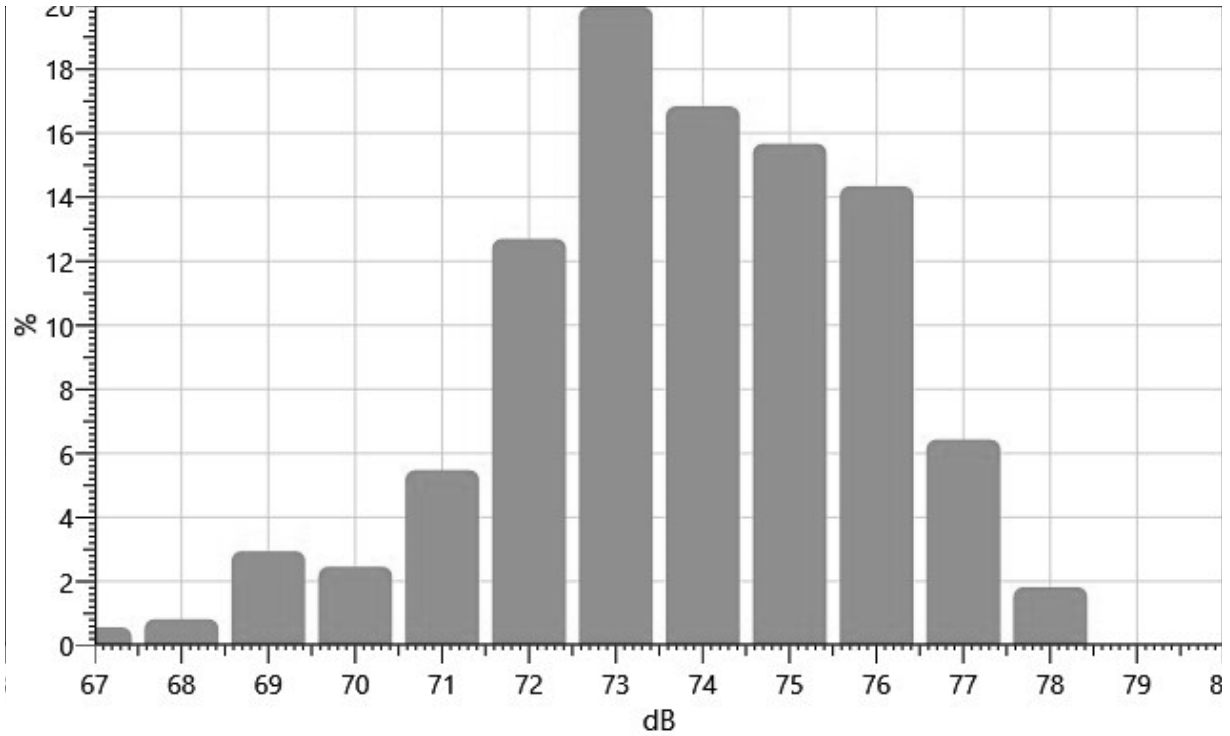
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	74.6 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
67:	0.00	0.00	0.00	0.09	0.14	0.10	0.07	0.08	0.04	0.06	0.56
68:	0.07	0.06	0.03	0.05	0.16	0.09	0.11	0.08	0.09	0.08	0.82
69:	0.08	0.06	0.22	0.45	0.27	0.20	0.21	0.30	0.40	0.76	2.94
70:	0.27	0.21	0.08	0.27	0.19	0.19	0.20	0.27	0.35	0.42	2.46
71:	0.44	0.21	0.33	0.30	0.27	0.40	0.54	1.06	0.87	1.06	5.47
72:	1.14	1.23	0.87	1.31	1.36	1.23	1.24	1.19	1.66	1.46	12.70
73:	1.34	1.34	1.06	1.98	1.95	1.86	2.31	2.38	2.99	2.73	19.94
74:	1.80	2.13	2.28	1.78	1.53	1.59	1.39	1.89	1.38	1.06	16.84
75:	1.34	1.03	1.57	1.40	1.18	1.62	1.63	1.95	1.74	2.21	15.67
76:	1.99	2.06	1.50	1.28	1.67	1.31	1.37	1.29	1.15	0.73	14.34
77:	0.81	0.40	0.48	0.81	0.73	0.49	0.39	0.56	0.79	0.96	6.43
78:	0.55	0.34	0.22	0.44	0.17	0.10	0.00	0.00	0.00	0.00	1.82

Statistics Chart

S350_BIF030001_26082021_185439: Statistics Chart

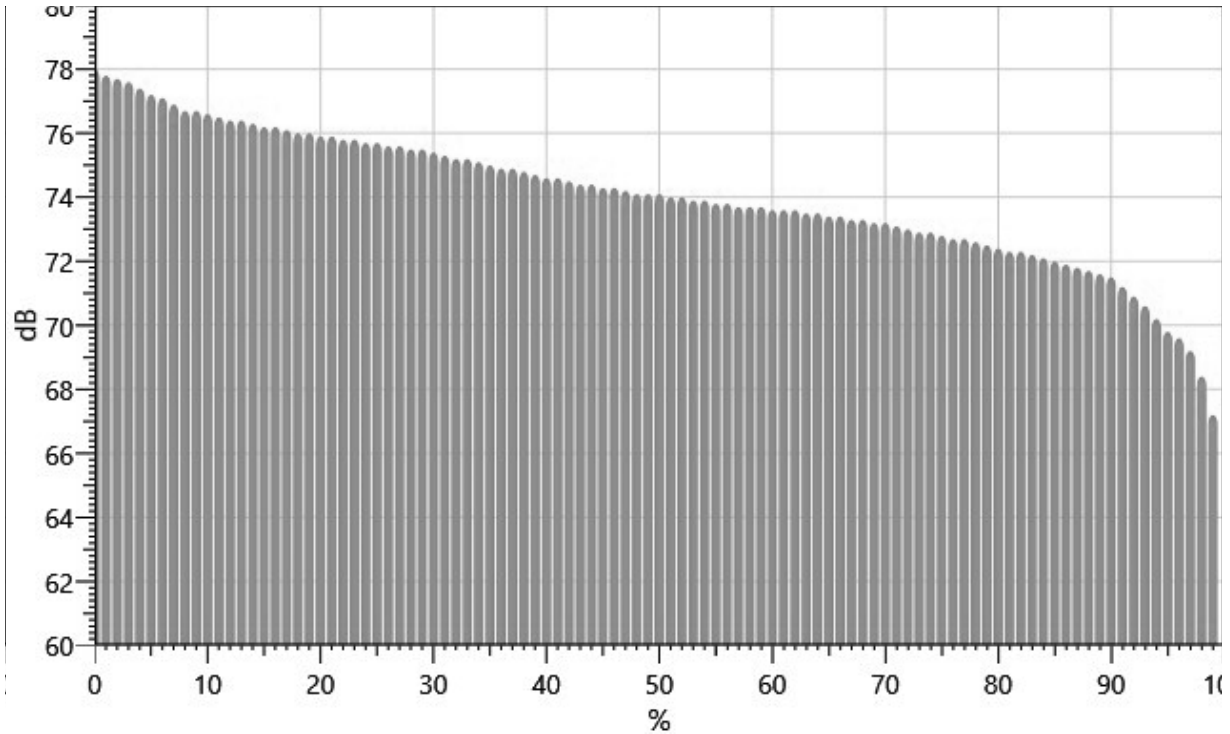


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		78.0	77.8	77.7	77.6	77.4	77.2	77.1	76.9	76.7
10%:	76.7	76.6	76.5	76.4	76.4	76.3	76.2	76.2	76.1	76.0
20%:	76.0	75.9	75.9	75.8	75.8	75.7	75.7	75.6	75.6	75.5
30%:	75.5	75.4	75.3	75.2	75.2	75.1	75.0	74.9	74.9	74.8
40%:	74.7	74.6	74.6	74.5	74.4	74.4	74.3	74.3	74.2	74.1
50%:	74.1	74.1	74.0	74.0	73.9	73.9	73.8	73.8	73.7	73.7
60%:	73.7	73.6	73.6	73.6	73.5	73.5	73.4	73.4	73.3	73.3
70%:	73.2	73.2	73.1	73.0	72.9	72.9	72.8	72.7	72.7	72.6
80%:	72.5	72.4	72.3	72.3	72.2	72.1	72.0	71.9	71.8	71.7
90%:	71.6	71.5	71.2	70.9	70.6	70.2	69.8	69.6	69.2	68.4
100%:	67.2									

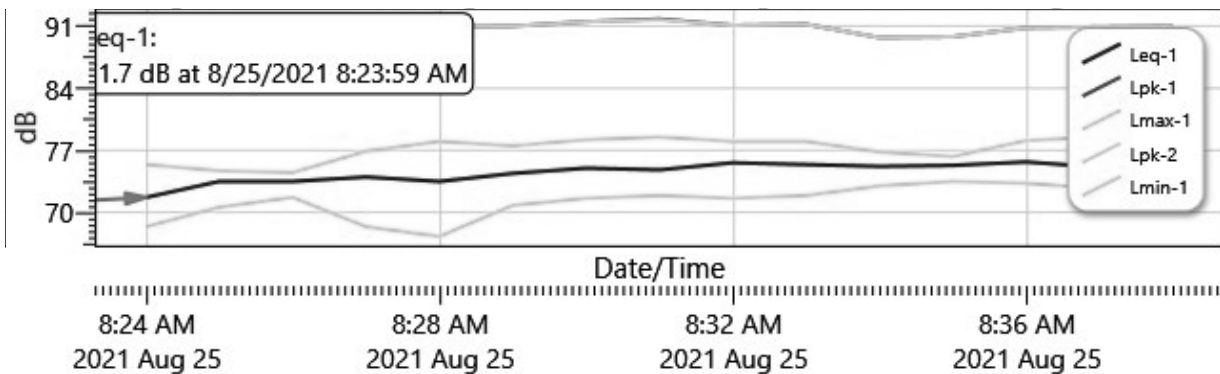
Exceedance Chart

S350_BIF030001_26082021_185439: Exceedance Chart



Logged Data Chart

S350_BIF030001_26082021_185439: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/25/2021 8:23:59 AM	71.7	75.4	68.4	88.9
8:24:59 AM	73.5	74.7	70.6	88.8
8:25:59 AM	73.5	74.5	71.7	87.8
8:26:59 AM	74	76.9	68.4	91.2
8:27:59 AM	73.5	78	67.3	90.9

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:28:59 AM	74.4	77.5	70.8	91
8:29:59 AM	75	78.2	71.6	91.5
8:30:59 AM	74.8	78.5	71.9	91.8
8:31:59 AM	75.6	78	71.6	91.1
8:32:59 AM	75.4	78	71.9	91.2
8:33:59 AM	75.2	76.8	73	89.7
8:34:59 AM	75.3	76.3	73.5	89.8
8:35:59 AM	75.7	78.1	73.3	90.8
8:36:59 AM	75.1	78.5	72.7	90.9
8:37:59 AM	75.8	77.4	73.4	91

Session Report

8/26/2021

Information Panel

Name S030_BIF090005_26082021_130538
Start Time 8/25/2021 9:23:34 AM
Stop Time 8/25/2021 9:38:34 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 1 TOW Ex-8-25-Little John Rd. a.m.

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	79.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

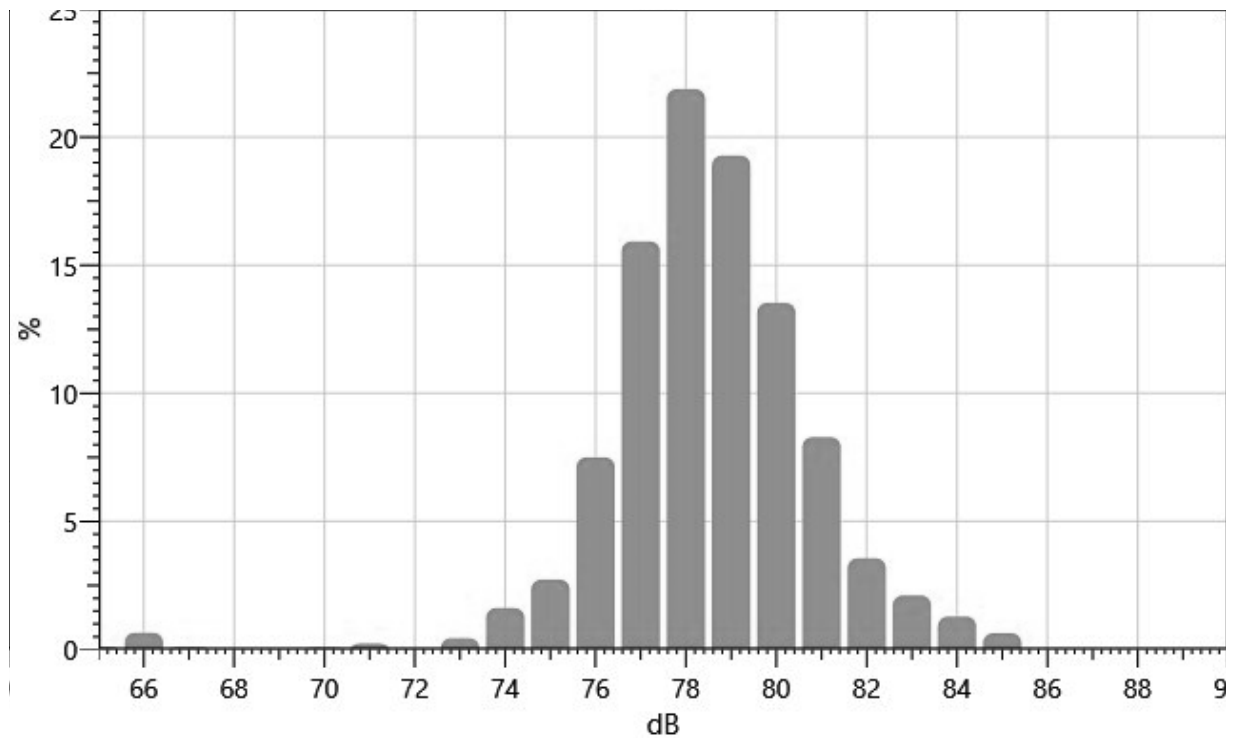
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
65:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.10
66:	0.05	0.15	0.15	0.09	0.06	0.06	0.03	0.03	0.02	0.02	0.65
67:	0.05	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.09
68:	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.03
69:	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
70:	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
71:	0.01	0.01	0.03	0.09	0.05	0.01	0.01	0.01	0.01	0.01	0.23
72:	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.04
73:	0.00	0.00	0.00	0.00	0.00	0.04	0.08	0.07	0.13	0.10	0.44
74:	0.15	0.14	0.14	0.09	0.16	0.21	0.27	0.20	0.12	0.12	1.62
75:	0.19	0.22	0.31	0.21	0.22	0.20	0.31	0.30	0.34	0.42	2.72
76:	0.29	0.39	0.44	0.48	0.73	0.66	0.78	1.06	1.36	1.31	7.50
77:	1.06	1.37	1.64	1.44	1.57	1.49	1.75	1.73	1.82	2.05	15.93
78:	2.52	2.31	2.39	1.60	1.94	1.94	2.33	2.31	2.19	2.36	21.88

79:	2.24	2.16	2.11	1.94	1.84	2.09	2.03	1.81	1.54	1.52	19.28
80:	1.66	1.50	1.47	1.49	1.40	1.48	1.47	1.17	1.07	0.81	13.53
81:	0.90	1.23	1.15	0.68	0.86	0.86	0.81	0.59	0.61	0.60	8.28
82:	0.49	0.49	0.41	0.33	0.30	0.32	0.32	0.29	0.31	0.30	3.56
83:	0.23	0.32	0.21	0.29	0.18	0.20	0.26	0.14	0.14	0.13	2.10
84:	0.17	0.14	0.14	0.09	0.06	0.13	0.16	0.15	0.15	0.08	1.28
85:	0.15	0.12	0.07	0.07	0.05	0.08	0.05	0.03	0.00	0.00	0.63

Statistics Chart

S030_BIF090005_26082021_130538: Statistics Chart



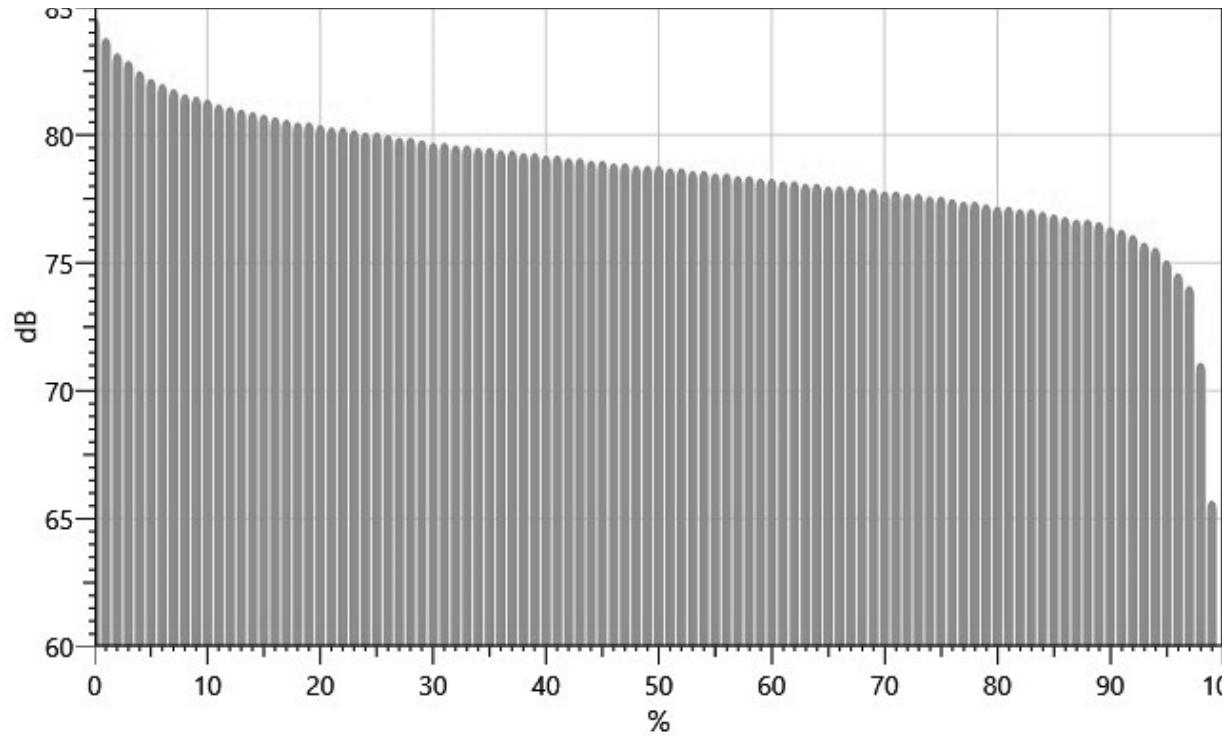
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		84.6	83.8	83.2	82.9	82.5	82.2	82.0	81.8	81.6
10%:	81.5	81.4	81.2	81.1	81.0	80.9	80.8	80.7	80.6	80.5
20%:	80.5	80.4	80.3	80.3	80.2	80.1	80.1	80.0	79.9	79.9
30%:	79.8	79.7	79.7	79.6	79.6	79.5	79.5	79.4	79.4	79.3
40%:	79.3	79.2	79.2	79.1	79.1	79.0	79.0	78.9	78.9	78.8
50%:	78.8	78.8	78.7	78.7	78.6	78.6	78.5	78.5	78.4	78.4
60%:	78.3	78.3	78.2	78.2	78.1	78.1	78.0	78.0	78.0	77.9
70%:	77.9	77.8	77.8	77.7	77.7	77.6	77.6	77.5	77.4	77.4

80%:	77.3	77.2	77.2	77.1	77.1	77.0	76.9	76.8	76.7	76.7
90%:	76.6	76.4	76.3	76.1	75.8	75.6	75.1	74.6	74.1	71.1
100%:	65.7									

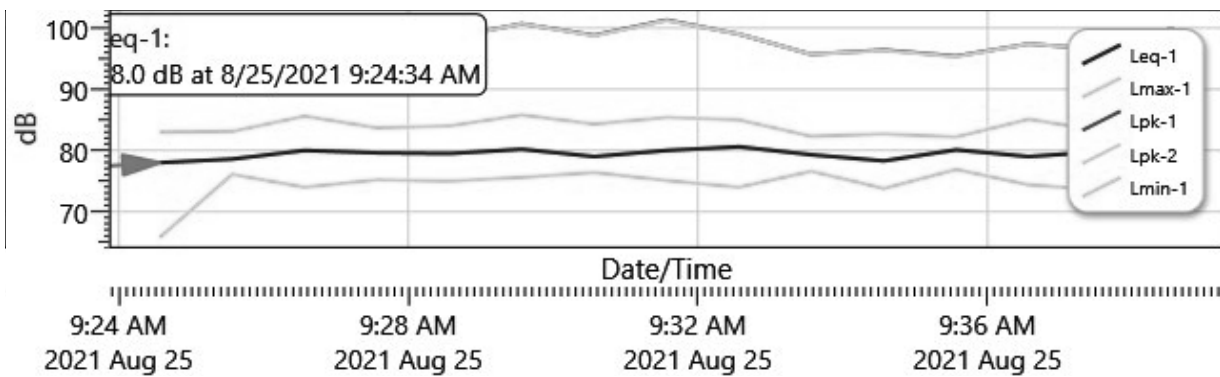
Exceedance Chart

S030_BIF090005_26082021_130538: Exceedance Chart



Logged Data Chart

S030_BIF090005_26082021_130538: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/25/2021 9:24:34 AM	78	83	65.8	98.8

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:25:34 AM	78.6	83.1	76.1	101
9:26:34 AM	80	85.6	74	99.1
9:27:34 AM	79.6	83.7	75.2	99.8
9:28:34 AM	79.5	84	75	98.4
9:29:34 AM	80.2	85.8	75.6	100.7
9:30:34 AM	79	84.3	76.4	98.8
9:31:34 AM	80	85.4	75.1	101.3
9:32:34 AM	80.6	85	74	99
9:33:34 AM	79.3	82.3	76.6	95.7
9:34:34 AM	78.3	82.7	73.8	96.4
9:35:34 AM	80.1	82.2	76.9	95.4
9:36:34 AM	79	85.1	74.4	97.4
9:37:34 AM	79.8	83.2	73.5	96.5
9:38:34 AM	79.6	85.2	76	100

Session Report

8/26/2021

Information Panel

Name S030_BIF090003_26082021_144852
Start Time 8/25/2021 9:23:33 AM
Stop Time 8/25/2021 9:38:33 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter2_5' from Ex_Little John Rd. 8-25_a.m.

Summary Data Panel

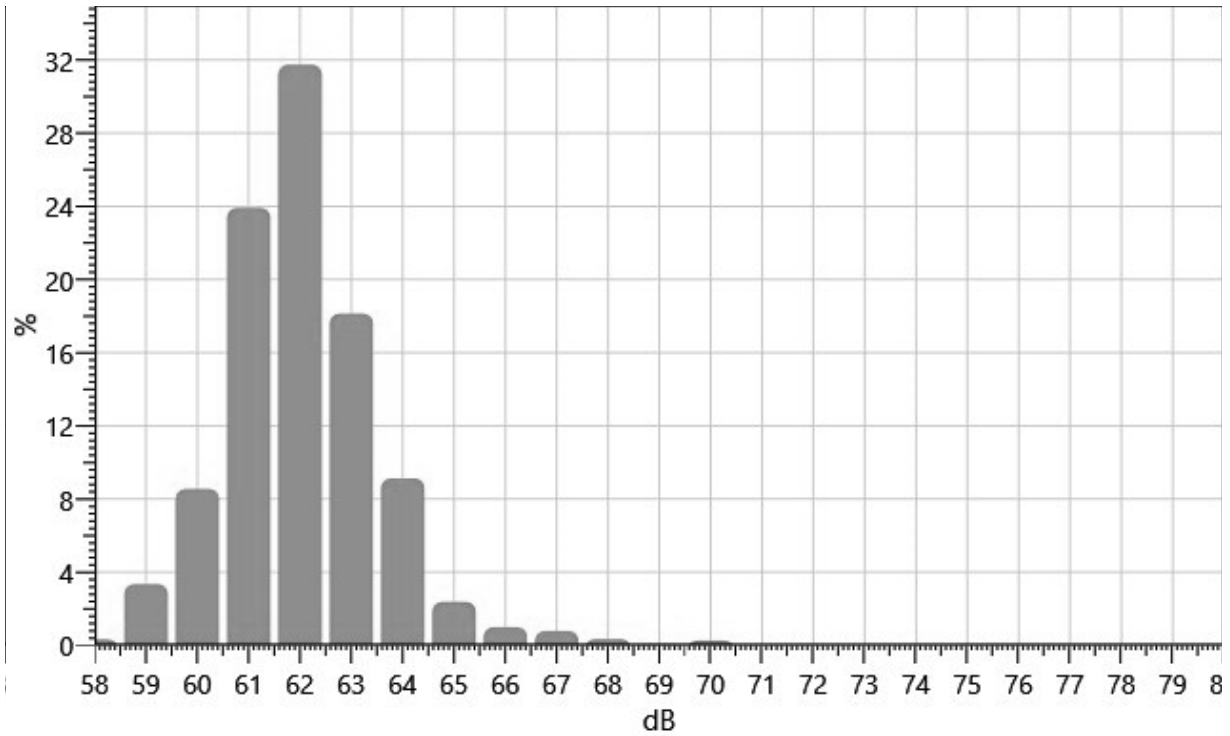
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	62.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
58:	0.00	0.00	0.00	0.00	0.00	0.07	0.10	0.04	0.04	0.08	0.34
59:	0.17	0.30	0.41	0.20	0.21	0.34	0.29	0.45	0.66	0.33	3.35
60:	0.47	0.23	0.40	0.74	0.98	0.80	1.36	1.32	1.03	1.22	8.55
61:	1.44	1.56	1.72	2.22	2.21	1.88	2.73	3.30	3.23	3.62	23.91
62:	3.56	3.45	3.05	3.02	3.25	3.14	3.20	2.90	3.09	3.10	31.74
63:	3.13	2.50	1.83	1.92	2.03	1.44	1.32	1.40	1.34	1.23	18.13
64:	1.14	1.09	1.24	1.30	1.29	0.90	0.62	0.49	0.57	0.48	9.13
65:	0.37	0.25	0.25	0.34	0.25	0.31	0.20	0.20	0.12	0.09	2.38
66:	0.15	0.11	0.10	0.13	0.09	0.09	0.07	0.08	0.09	0.08	1.00
67:	0.07	0.08	0.09	0.07	0.07	0.09	0.06	0.13	0.09	0.05	0.79
68:	0.10	0.07	0.07	0.06	0.03	0.01	0.01	0.01	0.01	0.01	0.35
69:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
70:	0.01	0.02	0.03	0.03	0.05	0.06	0.02	0.02	0.04	0.00	0.27

Statistics Chart

S030_BIF090003_26082021_144852: Statistics Chart

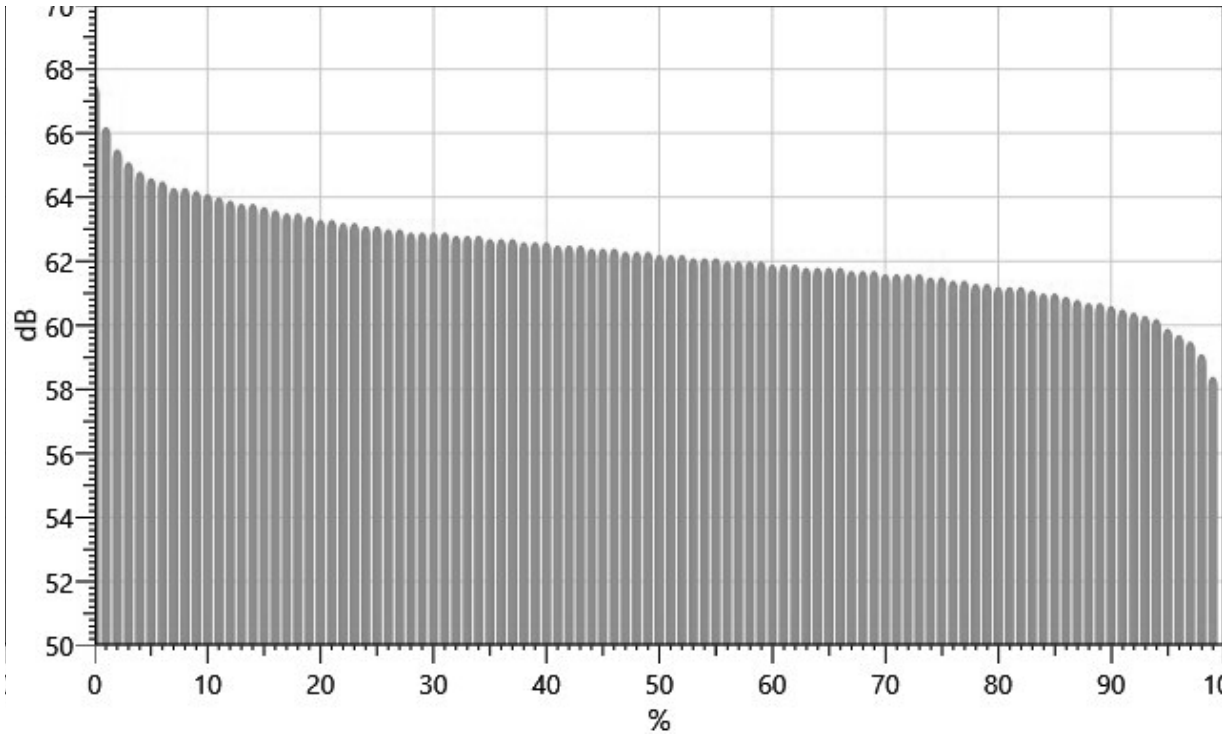


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		67.5	66.2	65.5	65.1	64.8	64.6	64.5	64.3	64.3
10%:	64.2	64.1	64.0	63.9	63.8	63.8	63.7	63.6	63.5	63.5
20%:	63.4	63.3	63.3	63.2	63.2	63.1	63.1	63.0	63.0	62.9
30%:	62.9	62.9	62.9	62.8	62.8	62.8	62.7	62.7	62.7	62.6
40%:	62.6	62.6	62.5	62.5	62.5	62.4	62.4	62.4	62.3	62.3
50%:	62.3	62.2	62.2	62.2	62.1	62.1	62.1	62.0	62.0	62.0
60%:	62.0	61.9	61.9	61.9	61.8	61.8	61.8	61.8	61.7	61.7
70%:	61.7	61.6	61.6	61.6	61.6	61.5	61.5	61.4	61.4	61.3
80%:	61.3	61.2	61.2	61.2	61.1	61.0	61.0	60.9	60.8	60.7
90%:	60.7	60.6	60.5	60.4	60.3	60.2	59.9	59.7	59.5	59.1
100%:	58.4									

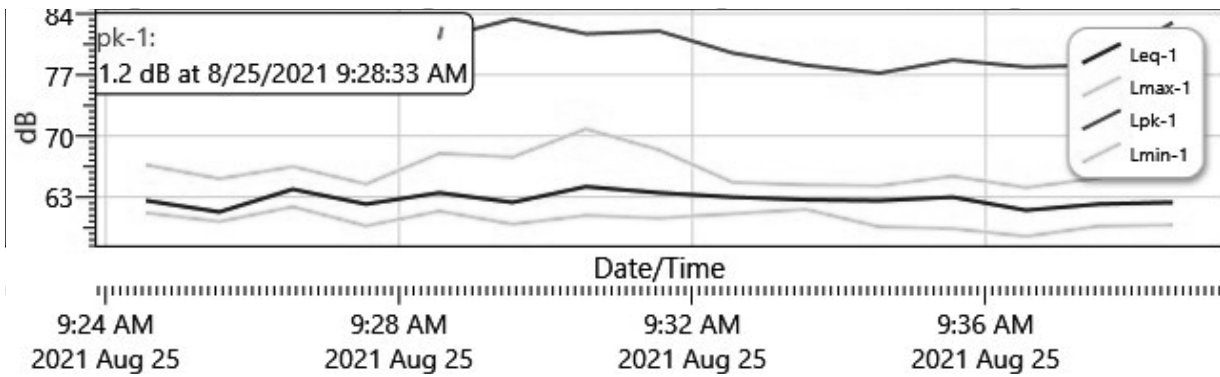
Exceedance Chart

S030_BIF090003_26082021_144852: Exceedance Chart



Logged Data Chart

S030_BIF090003_26082021_144852: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/25/2021 9:24:33 AM	62.6	66.7	61.2	77
9:25:33 AM	61.3	65.1	60.2	78
9:26:33 AM	63.9	66.5	61.9	80
9:27:33 AM	62.2	64.5	59.7	77.3
9:28:33 AM	63.5	68	61.4	81.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:29:33 AM	62.4	67.6	59.9	83.4
9:30:33 AM	64.2	70.8	60.9	81.7
9:31:33 AM	63.5	68.4	60.6	82
9:32:33 AM	63	64.7	61.1	79.5
9:33:33 AM	62.7	64.4	61.6	78.1
9:34:33 AM	62.6	64.3	59.6	77.2
9:35:33 AM	63	65.4	59.4	78.7
9:36:33 AM	61.5	64.1	58.5	77.9
9:37:33 AM	62.2	65.2	59.7	78.1
9:38:33 AM	62.4	68.3	59.8	83

Session Report

8/26/2021

Information Panel

Name S057_BIG080015_26082021_160019
Start Time 8/25/2021 9:23:37 AM
Stop Time 8/25/2021 9:38:37 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 3_50' from Ex_Little John Rd. 8-25-a.m.

Summary Data Panel

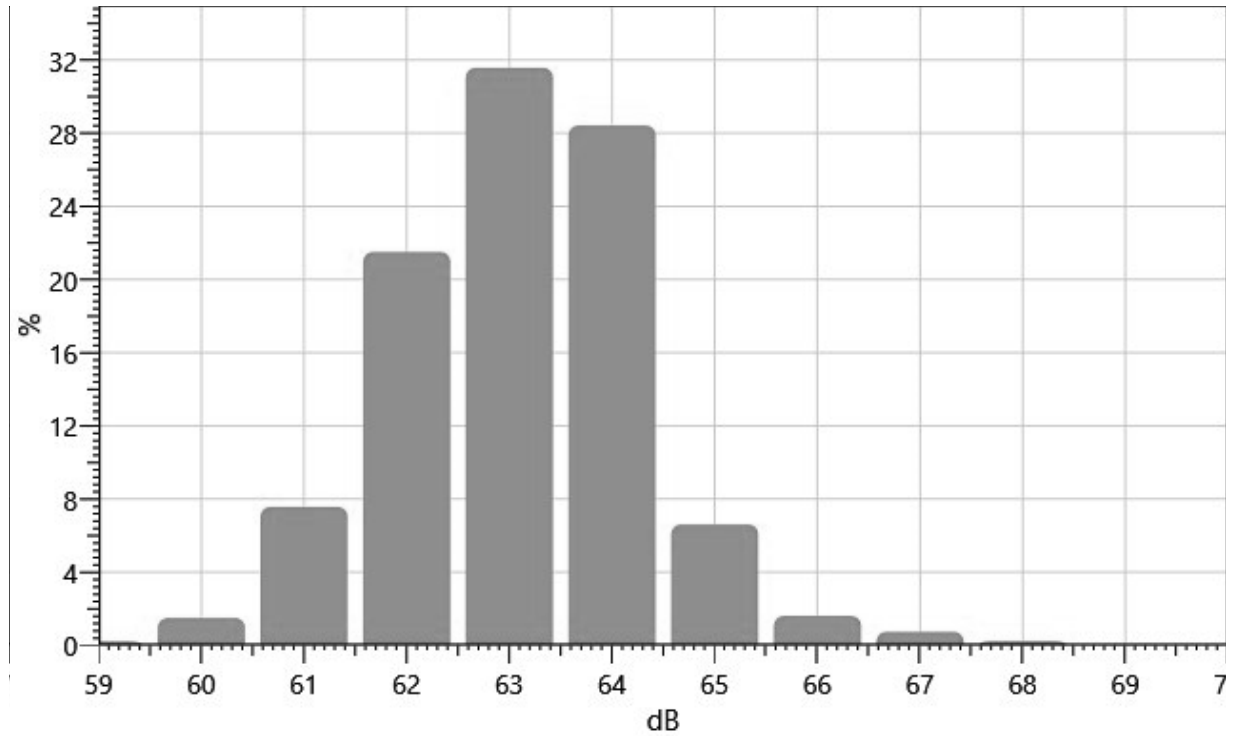
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.10	0.03	0.05	0.21
60:	0.02	0.03	0.05	0.14	0.23	0.24	0.28	0.29	0.08	0.14	1.50
61:	0.26	0.30	0.29	0.34	0.69	0.85	1.19	1.42	0.71	1.53	7.57
62:	1.26	1.19	1.77	1.74	1.67	1.96	2.51	3.13	3.03	3.25	21.51
63:	2.23	2.60	3.69	3.46	3.67	3.43	3.62	3.36	2.91	2.61	31.58
64:	2.98	2.81	3.67	3.38	3.69	3.57	3.22	2.50	1.28	1.32	28.42
65:	1.44	1.08	0.77	0.72	0.72	0.47	0.48	0.40	0.27	0.25	6.61
66:	0.21	0.13	0.20	0.20	0.19	0.11	0.16	0.19	0.09	0.12	1.61
67:	0.14	0.09	0.05	0.05	0.05	0.07	0.10	0.05	0.05	0.08	0.74
68:	0.08	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.23
69:	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02

Statistics Chart

S057_BIG080015_26082021_160019: Statistics Chart

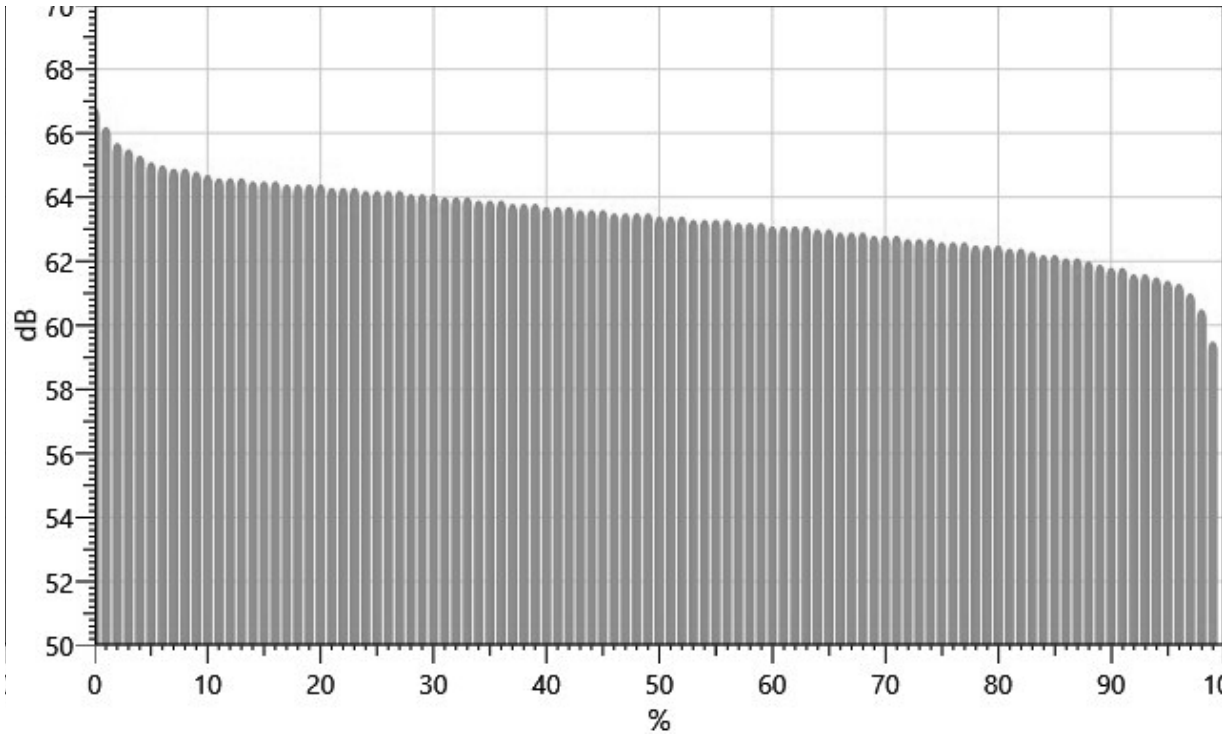


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		66.8	66.2	65.7	65.5	65.3	65.1	65.0	64.9	64.9
10%:	64.8	64.7	64.6	64.6	64.6	64.5	64.5	64.5	64.4	64.4
20%:	64.4	64.4	64.3	64.3	64.3	64.2	64.2	64.2	64.2	64.1
30%:	64.1	64.1	64.0	64.0	64.0	63.9	63.9	63.9	63.8	63.8
40%:	63.8	63.7	63.7	63.7	63.6	63.6	63.6	63.5	63.5	63.5
50%:	63.5	63.4	63.4	63.4	63.3	63.3	63.3	63.3	63.2	63.2
60%:	63.2	63.1	63.1	63.1	63.1	63.0	63.0	62.9	62.9	62.9
70%:	62.8	62.8	62.8	62.7	62.7	62.7	62.6	62.6	62.6	62.5
80%:	62.5	62.5	62.4	62.4	62.3	62.2	62.2	62.1	62.1	62.0
90%:	61.9	61.8	61.8	61.6	61.6	61.5	61.4	61.3	61.0	60.5
100%:	59.5									

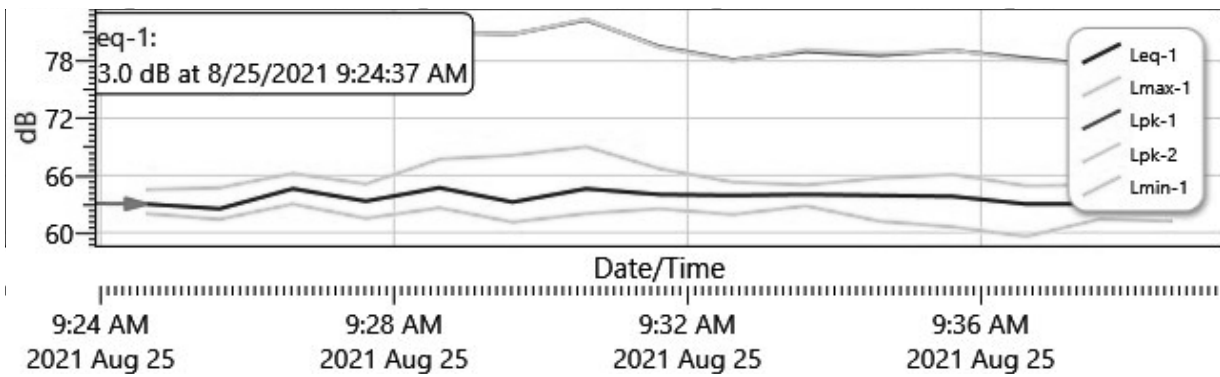
Exceedance Chart

S057_BIG080015_26082021_160019: Exceedance Chart



Logged Data Chart

S057_BIG080015_26082021_160019: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/25/2021 9:24:37 AM	63	64.5	62	80.1
9:25:37 AM	62.5	64.7	61.4	78.2
9:26:37 AM	64.6	66.2	63	80.8
9:27:37 AM	63.3	65.1	61.5	78.4
9:28:37 AM	64.7	67.7	62.6	81

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:29:37 AM	63.2	68.1	61.1	80.8
9:30:37 AM	64.6	69	62	82.3
9:31:37 AM	64	66.7	62.5	79.5
9:32:37 AM	63.9	65.3	61.9	78.1
9:33:37 AM	64	65	62.8	79
9:34:37 AM	63.9	65.7	61.2	78.6
9:35:37 AM	63.8	66.1	60.6	79.1
9:36:37 AM	63	64.9	59.6	78.3
9:37:37 AM	63	65	61.4	77.6
9:38:37 AM	63.5	66.8	61.2	80.5

Session Report

8/26/2021

Information Panel

Name S012_BIH050001_26082021_184002
Start Time 8/25/2021 9:23:20 AM
Stop Time 8/25/2021 9:38:20 AM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter 4 100' From Ex. Little John Rd. 8-25_a.m.

Summary Data Panel

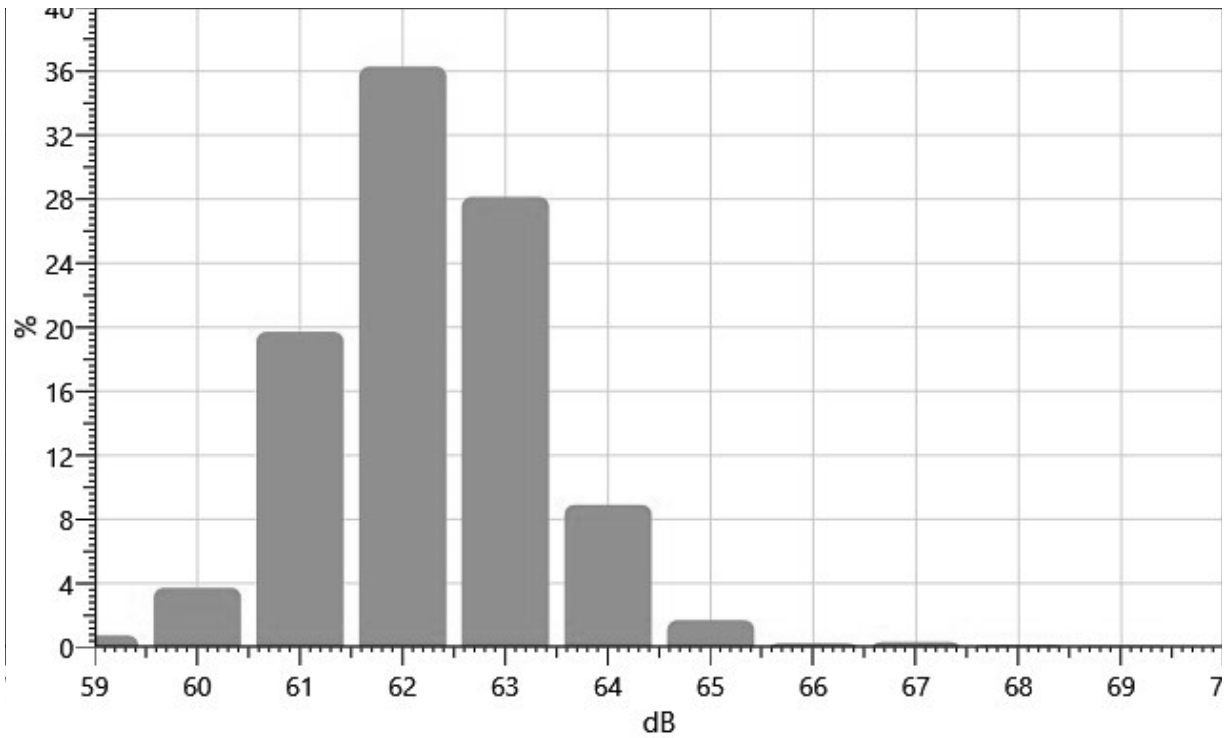
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	62.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.12	0.20	0.24	0.74
60:	0.36	0.29	0.51	0.32	0.25	0.19	0.15	0.25	0.40	1.00	3.73
61:	0.64	0.67	1.22	1.62	2.06	2.22	2.88	2.91	2.46	3.05	19.72
62:	2.75	1.84	2.80	3.53	3.50	4.23	4.41	4.55	4.59	4.09	36.28
63:	3.37	3.60	3.04	3.75	3.25	2.70	2.52	2.03	1.84	2.03	28.14
64:	1.15	1.14	1.40	1.14	0.78	0.61	0.76	0.81	0.62	0.48	8.90
65:	0.45	0.45	0.34	0.20	0.13	0.03	0.02	0.02	0.02	0.03	1.69
66:	0.02	0.02	0.02	0.03	0.02	0.03	0.02	0.02	0.03	0.03	0.24
67:	0.04	0.04	0.03	0.06	0.02	0.02	0.02	0.03	0.03	0.04	0.33
68:	0.04	0.06	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.15
69:	0.01	0.02	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.09

Statistics Chart

S012_BIH050001_26082021_184002: Statistics Chart

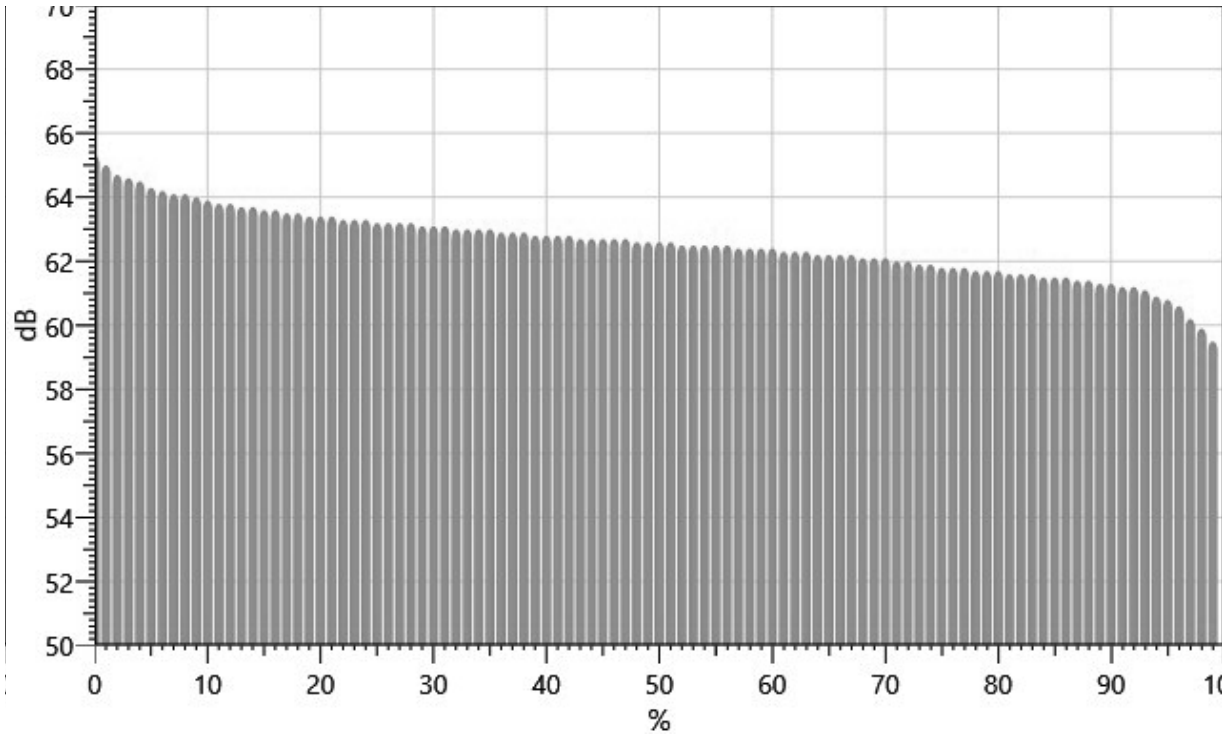


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		65.3	65.0	64.7	64.6	64.5	64.3	64.2	64.1	64.1
10%:	64.0	63.9	63.8	63.8	63.7	63.7	63.6	63.6	63.5	63.5
20%:	63.4	63.4	63.4	63.3	63.3	63.3	63.2	63.2	63.2	63.2
30%:	63.1	63.1	63.1	63.0	63.0	63.0	63.0	62.9	62.9	62.9
40%:	62.8	62.8	62.8	62.8	62.7	62.7	62.7	62.7	62.7	62.6
50%:	62.6	62.6	62.6	62.5	62.5	62.5	62.5	62.5	62.4	62.4
60%:	62.4	62.4	62.3	62.3	62.3	62.2	62.2	62.2	62.2	62.1
70%:	62.1	62.1	62.0	62.0	61.9	61.9	61.8	61.8	61.8	61.7
80%:	61.7	61.7	61.6	61.6	61.6	61.5	61.5	61.5	61.4	61.4
90%:	61.3	61.3	61.2	61.2	61.1	60.9	60.8	60.6	60.2	59.9
100%:	59.5									

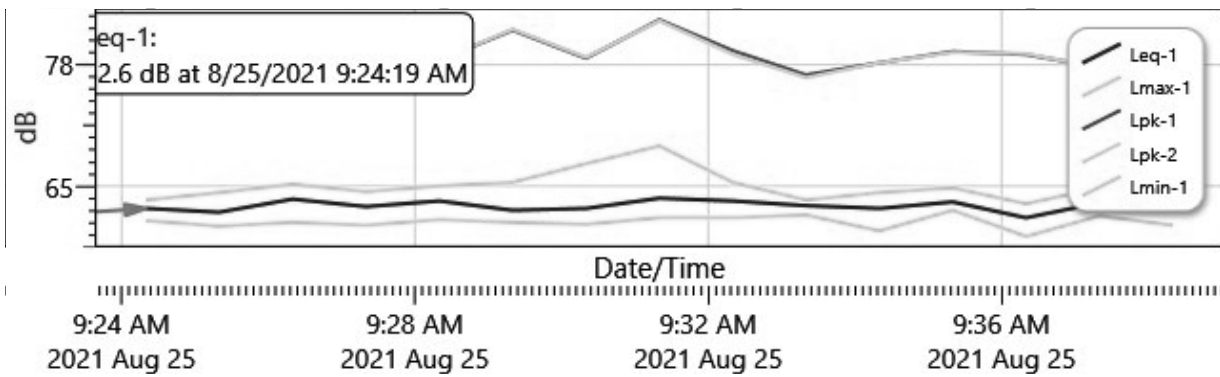
Exceedance Chart

S012_BIH050001_26082021_184002: Exceedance Chart



Logged Data Chart

S012_BIH050001_26082021_184002: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/25/2021 9:24:20 AM	62.6	63.5	61.3	82.8
9:25:20 AM	62.2	64.3	60.7	78.8
9:26:20 AM	63.6	65.2	61.1	79.5
9:27:20 AM	62.8	64.4	60.8	79.1
9:28:20 AM	63.4	65	61.4	78.5

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:29:20 AM	62.4	65.4	61.1	81.7
9:30:20 AM	62.6	67.4	60.9	78.7
9:31:20 AM	63.7	69.3	61.6	82.8
9:32:20 AM	63.4	65.4	61.6	79.5
9:33:20 AM	62.9	63.5	61.9	76.9
9:34:20 AM	62.6	64.3	60.2	78.2
9:35:20 AM	63.3	64.8	62.4	79.4
9:36:20 AM	61.6	63.1	59.6	79.1
9:37:20 AM	63.2	64.8	61.8	77.7
9:38:20 AM	62.5	65.4	60.8	78.3

Session Report

8/26/2021

Information Panel

Name S351_BIF030001_26082021_185441
Start Time 8/25/2021 9:22:55 AM
Stop Time 8/25/2021 9:37:55 AM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter 5 200' from Ex. Little John Rd._8-25_a.m.

Summary Data Panel

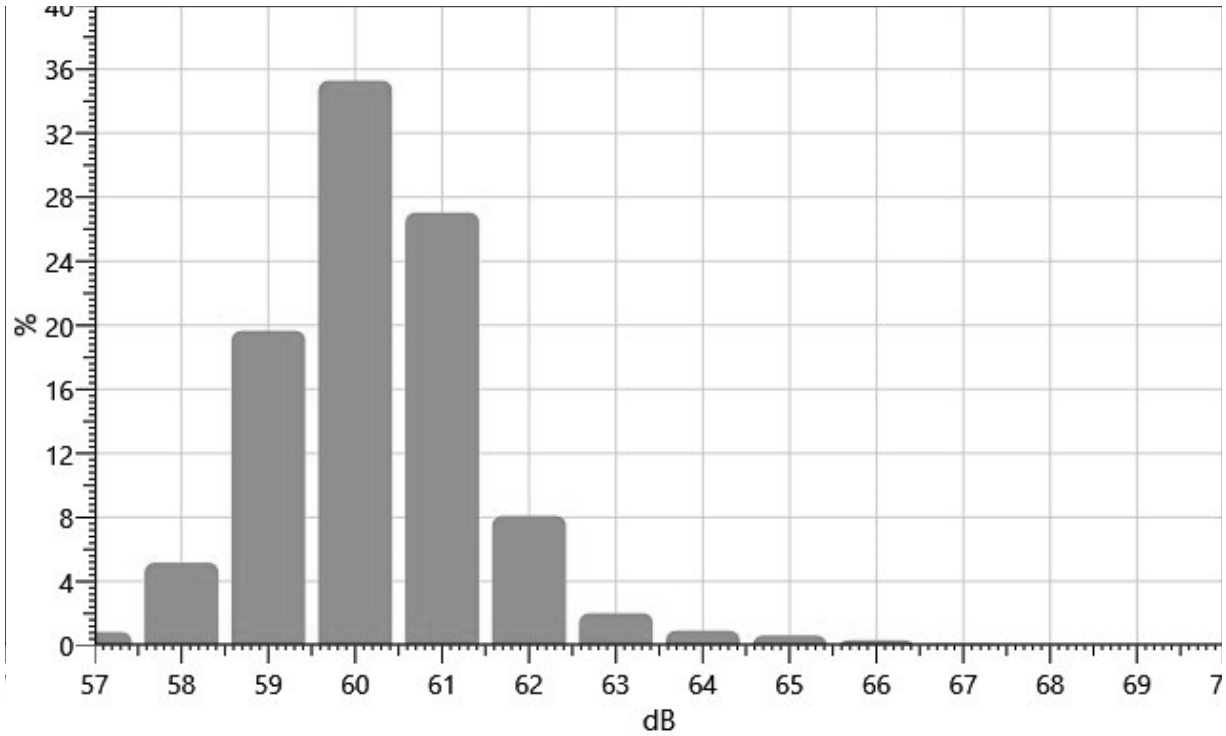
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	60.8 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
57:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.41	0.25	0.84
58:	0.39	0.51	0.29	0.34	0.39	0.46	0.43	0.49	0.82	1.07	5.17
59:	0.88	0.83	1.34	1.51	2.37	2.02	2.70	2.88	2.49	2.64	19.65
60:	2.63	3.21	4.32	3.71	3.49	4.08	3.48	3.49	3.89	2.98	35.28
61:	3.34	3.99	2.36	3.88	3.11	2.80	2.42	1.91	1.70	1.52	27.03
62:	1.44	0.87	0.70	0.88	0.90	0.99	0.73	0.65	0.48	0.44	8.09
63:	0.36	0.35	0.17	0.15	0.16	0.16	0.24	0.17	0.15	0.09	2.01
64:	0.11	0.11	0.06	0.11	0.11	0.09	0.10	0.07	0.09	0.08	0.92
65:	0.05	0.05	0.13	0.09	0.06	0.07	0.06	0.05	0.03	0.02	0.61
66:	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.07	0.01	0.32
67:	0.02	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08

Statistics Chart

S351_BIF030001_26082021_185441: Statistics Chart

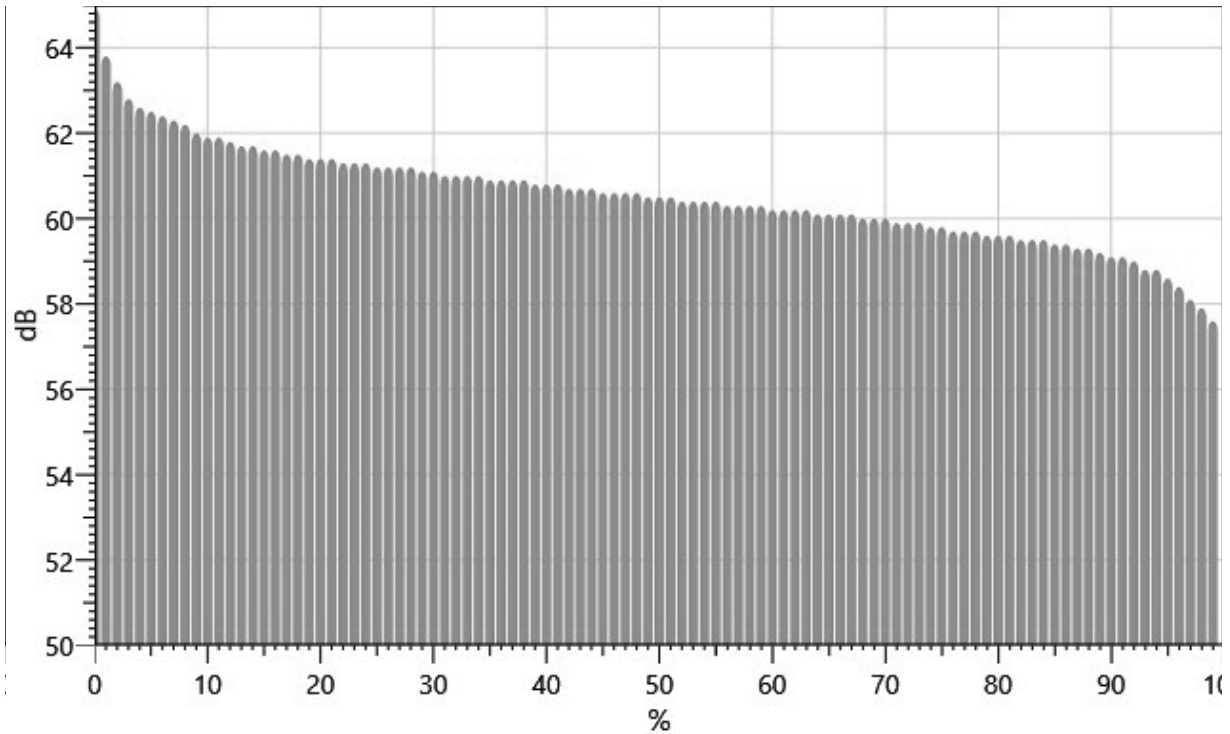


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		64.9	63.8	63.2	62.8	62.6	62.5	62.4	62.3	62.2
10%:	62.0	61.9	61.9	61.8	61.7	61.7	61.6	61.6	61.5	61.5
20%:	61.4	61.4	61.4	61.3	61.3	61.3	61.2	61.2	61.2	61.2
30%:	61.1	61.1	61.0	61.0	61.0	61.0	60.9	60.9	60.9	60.9
40%:	60.8	60.8	60.8	60.7	60.7	60.7	60.6	60.6	60.6	60.6
50%:	60.5	60.5	60.5	60.4	60.4	60.4	60.4	60.3	60.3	60.3
60%:	60.3	60.2	60.2	60.2	60.2	60.1	60.1	60.1	60.1	60.0
70%:	60.0	60.0	59.9	59.9	59.9	59.8	59.8	59.7	59.7	59.7
80%:	59.6	59.6	59.6	59.5	59.5	59.5	59.4	59.4	59.3	59.3
90%:	59.2	59.1	59.1	59.0	58.8	58.8	58.6	58.4	58.1	57.9
100%:	57.6									

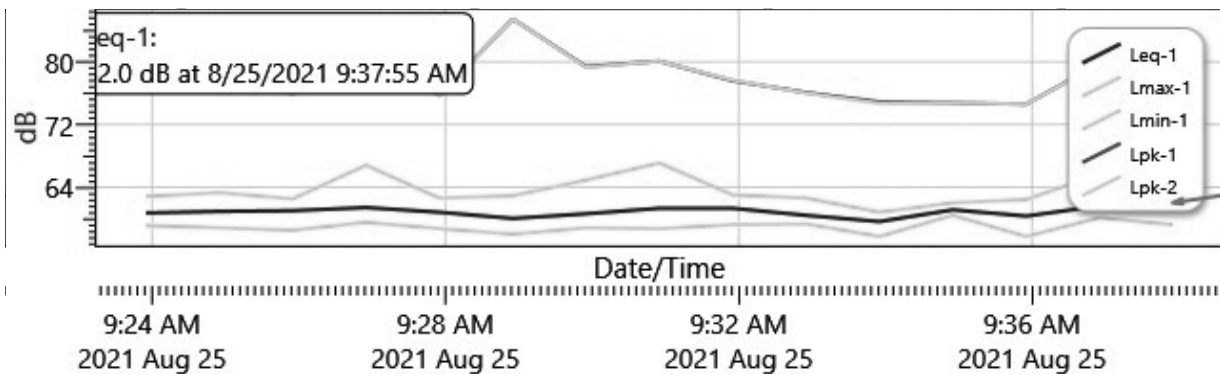
Exceedance Chart

S351_BIF030001_26082021_185441: Exceedance Chart



Logged Data Chart

S351_BIF030001_26082021_185441: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8/25/2021 9:23:55 AM	60.7	62.8	59.1	76.4
9:24:55 AM	60.9	63.3	58.8	78
9:25:55 AM	61	62.5	58.5	76
9:26:55 AM	61.4	66.8	59.5	81.1
9:27:55 AM	60.8	62.6	58.7	75.8

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:28:55 AM	60	62.9	58	85.5
9:29:55 AM	60.6	64.9	58.8	79.4
9:30:55 AM	61.3	67.1	58.7	80.1
9:31:55 AM	61.3	63	59.2	77.6
9:32:55 AM	60.4	62.6	59.3	76.1
9:33:55 AM	59.6	60.8	57.7	74.9
9:34:55 AM	61.1	62	60.4	74.8
9:35:55 AM	60.3	62.4	57.7	74.6
9:36:55 AM	61.6	65.7	60.1	79.8
9:37:55 AM	62	65.2	59.2	80.1

Session Report

3/31/2022

Information Panel

Name S055_BIF090003_30032022_215815
Start Time 3/29/2022 8:56:33 AM
Stop Time 3/29/2022 9:11:33 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter A 9:00a 3-29-22

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	85.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

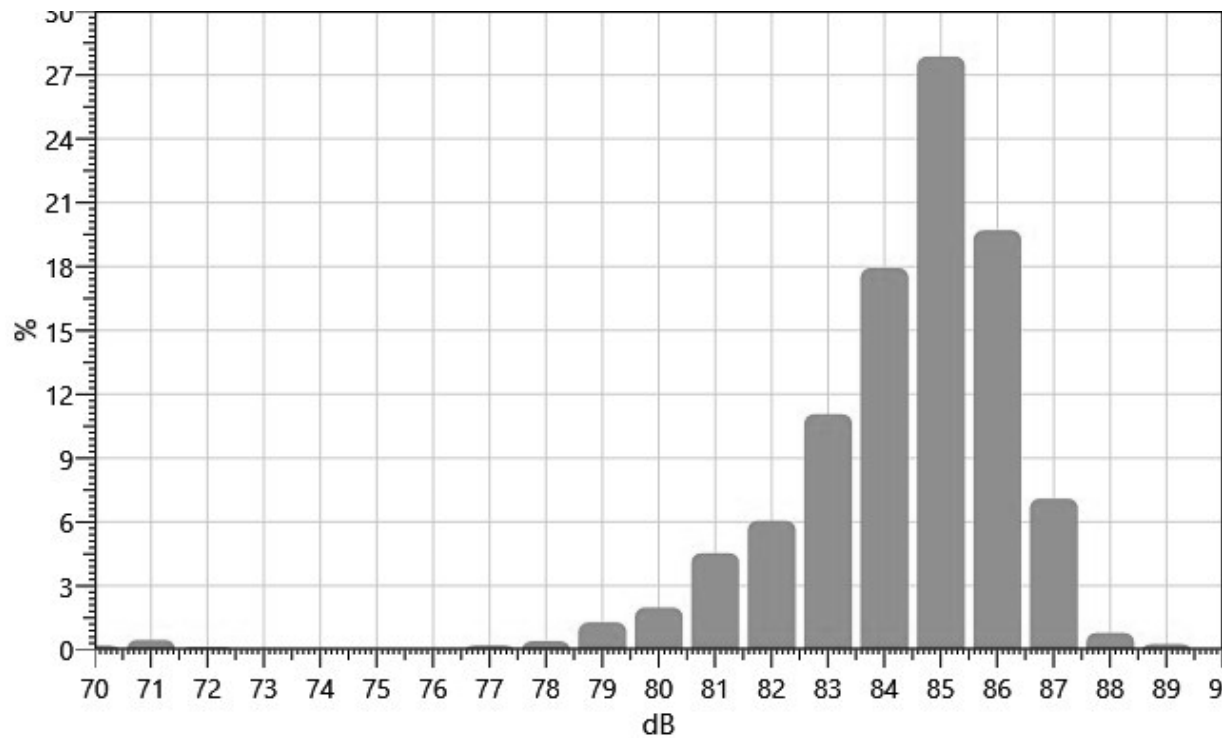
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
70:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.08	0.03	0.19
71:	0.02	0.03	0.04	0.03	0.10	0.11	0.02	0.03	0.04	0.03	0.46
72:	0.07	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.13
73:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
74:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
75:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
76:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
77:	0.00	0.00	0.00	0.03	0.03	0.02	0.02	0.03	0.02	0.04	0.20
78:	0.03	0.02	0.02	0.01	0.01	0.01	0.05	0.08	0.07	0.10	0.40
79:	0.11	0.15	0.15	0.11	0.12	0.13	0.17	0.13	0.12	0.08	1.28
80:	0.08	0.15	0.10	0.10	0.10	0.19	0.32	0.32	0.32	0.30	1.98
81:	0.31	0.37	0.58	0.57	0.27	0.43	0.43	0.52	0.55	0.49	4.53
82:	0.50	0.49	0.55	0.55	0.49	0.58	0.76	0.64	0.74	0.77	6.06
83:	0.82	0.90	1.05	1.00	1.18	1.06	1.19	1.32	1.23	1.32	11.06

84:	1.56	1.51	1.50	1.75	1.34	1.80	1.88	2.04	2.24	2.32	17.93
85:	2.59	2.45	2.91	3.03	2.85	2.89	2.68	2.76	2.88	2.84	27.87
86:	3.04	2.99	2.60	2.15	1.61	1.37	1.53	1.50	1.38	1.52	19.70
87:	1.22	0.97	0.86	0.71	0.68	0.65	0.50	0.77	0.47	0.27	7.10
88:	0.13	0.09	0.09	0.07	0.06	0.06	0.07	0.10	0.06	0.05	0.79
89:	0.04	0.03	0.02	0.03	0.04	0.04	0.04	0.03	0.01	0.00	0.26

Statistics Chart

S055_BIF090003_30032022_215815: Statistics Chart



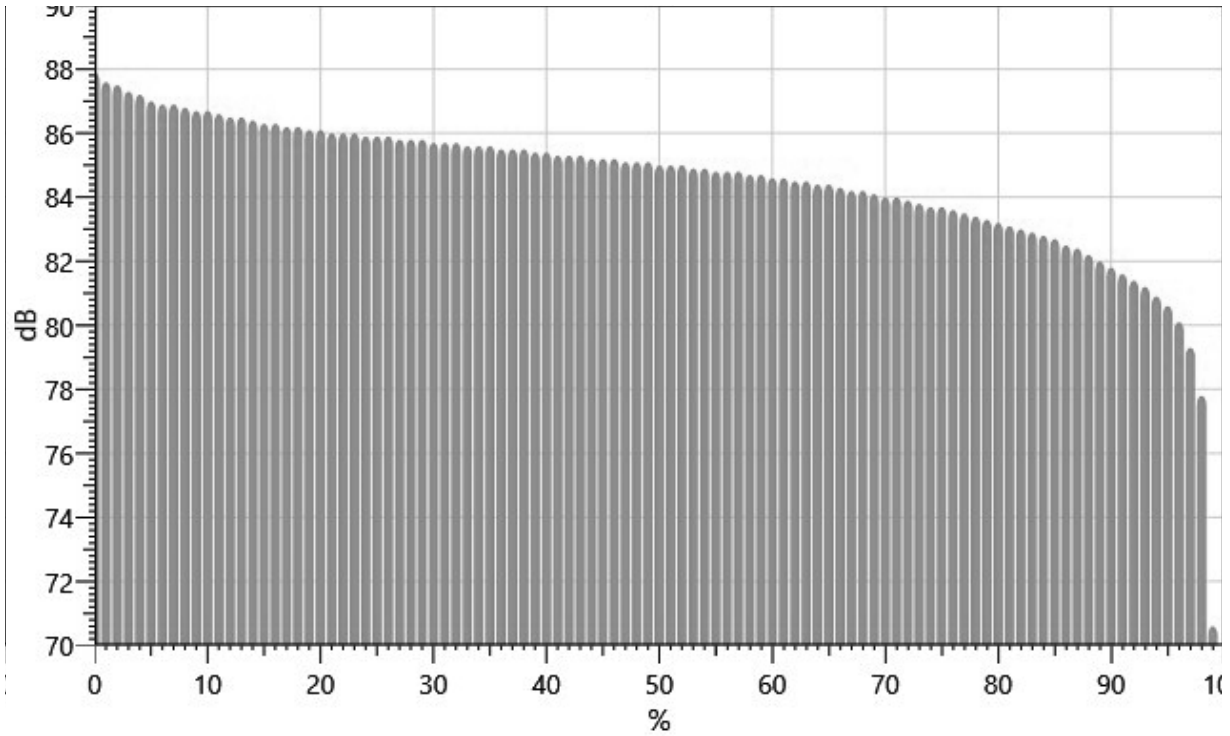
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		87.9	87.6	87.5	87.3	87.2	87.0	86.9	86.9	86.8
10%:	86.7	86.7	86.6	86.5	86.5	86.4	86.3	86.3	86.2	86.2
20%:	86.1	86.1	86.0	86.0	86.0	85.9	85.9	85.9	85.8	85.8
30%:	85.8	85.7	85.7	85.7	85.6	85.6	85.6	85.5	85.5	85.5
40%:	85.4	85.4	85.3	85.3	85.3	85.2	85.2	85.2	85.1	85.1
50%:	85.1	85.0	85.0	85.0	84.9	84.9	84.8	84.8	84.8	84.7
60%:	84.7	84.6	84.6	84.5	84.5	84.4	84.4	84.3	84.2	84.2
70%:	84.1	84.0	84.0	83.9	83.8	83.7	83.7	83.6	83.5	83.4
80%:	83.3	83.2	83.1	83.0	82.9	82.8	82.7	82.5	82.4	82.2

90%: 82.0 81.8 81.6 81.4 81.2 80.9 80.6 80.1 79.3 77.8
 100%: 70.6

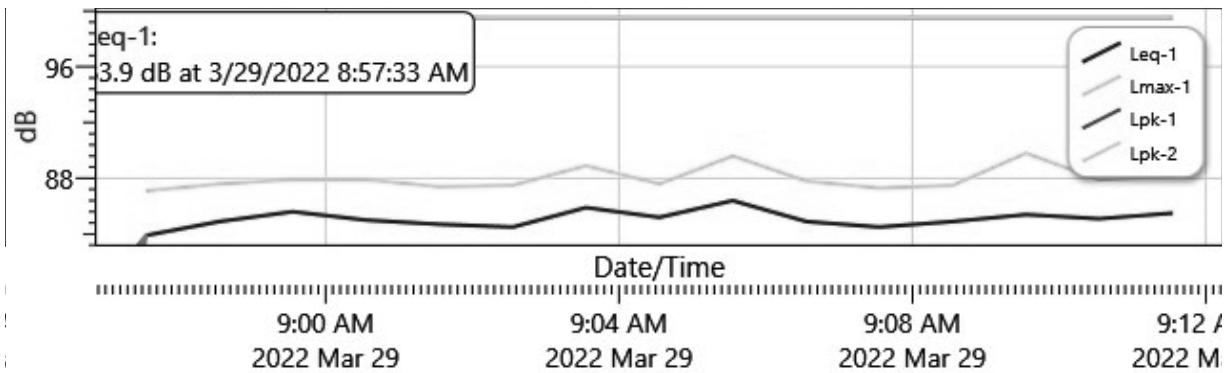
Exceedance Chart

S055_BIF090003_30032022_215815: Exceedance Chart



Logged Data Chart

S055_BIF090003_30032022_215815: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 8:57:33 AM	83.9	87.1	70.7	99.5
8:58:33 AM	84.9	87.6	80.5	99.5

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:59:33 AM	85.6	87.9	81.2	99.5
9:00:33 AM	85	87.9	79	99.5
9:01:33 AM	84.7	87.4	80.5	99.5
9:02:33 AM	84.5	87.5	79.1	99.5
9:03:33 AM	85.9	88.9	83.4	99.5
9:04:33 AM	85.2	87.6	81.7	99.5
9:05:33 AM	86.4	89.6	81.8	99.5
9:06:33 AM	84.9	87.8	78.8	99.5
9:07:33 AM	84.5	87.3	80.4	99.5
9:08:33 AM	84.9	87.5	78.6	99.5
9:09:33 AM	85.4	89.8	77.3	99.5
9:10:33 AM	85.1	87.9	80.7	99.5
9:11:33 AM	85.5	88.2	82	99.5

Session Report

3/31/2022

Information Panel

Name S031_BIH050001_30032022_220217
Start Time 3/29/2022 8:56:20 AM
Stop Time 3/29/2022 9:11:20 AM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter B 9:00a 3-29-22

Summary Data Panel

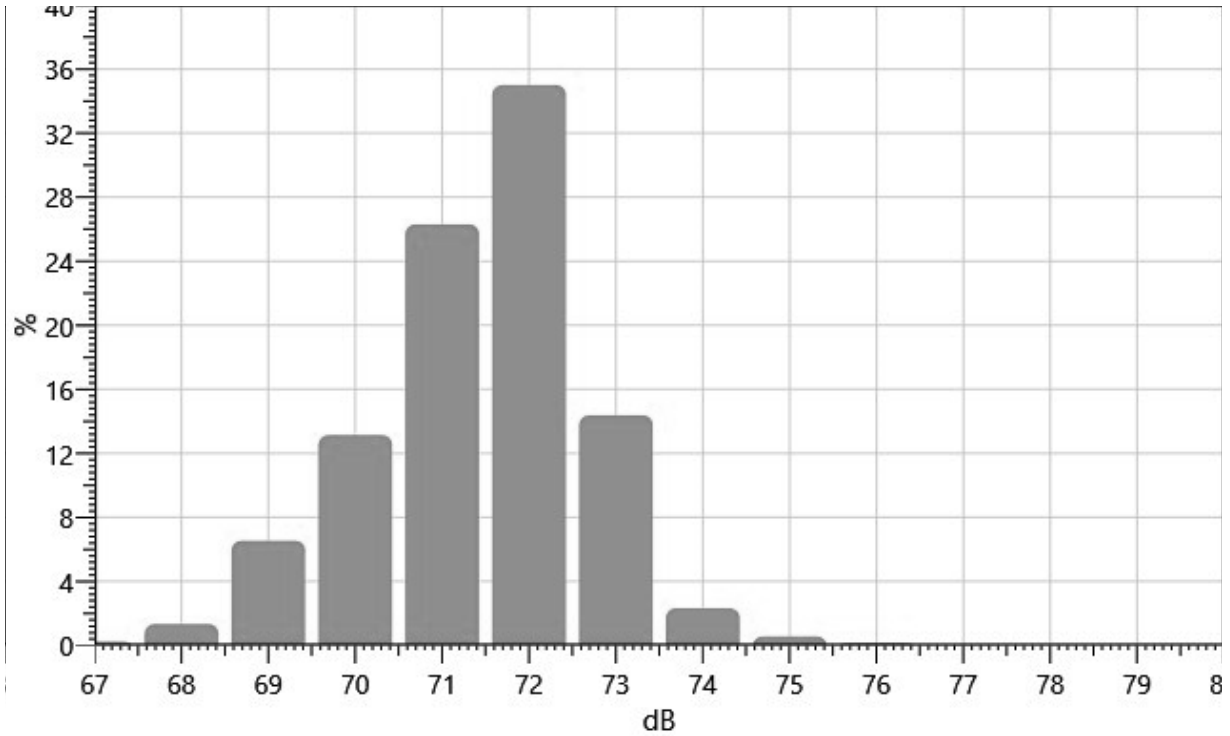
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	72 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
67:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.11	0.24
68:	0.14	0.13	0.07	0.07	0.11	0.11	0.12	0.16	0.20	0.23	1.34
69:	0.45	0.33	0.41	0.56	0.76	0.62	0.60	0.66	1.05	1.11	6.54
70:	0.81	0.66	0.98	1.06	1.26	1.08	1.10	1.61	2.45	2.12	13.14
71:	2.26	2.31	1.65	2.31	2.38	2.52	2.56	3.43	3.37	3.53	26.31
72:	3.31	3.44	3.46	3.18	3.50	4.18	3.59	3.45	3.32	3.56	35.00
73:	3.80	2.61	1.57	1.08	1.11	1.02	1.03	1.07	0.63	0.45	14.38
74:	0.22	0.18	0.18	0.16	0.20	0.31	0.38	0.24	0.24	0.21	2.32
75:	0.20	0.08	0.06	0.04	0.02	0.03	0.03	0.03	0.03	0.04	0.57
76:	0.02	0.02	0.03	0.02	0.03	0.01	0.00	0.01	0.00	0.01	0.14
77:	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02

Statistics Chart

S031_BIH050001_30032022_220217: Statistics Chart

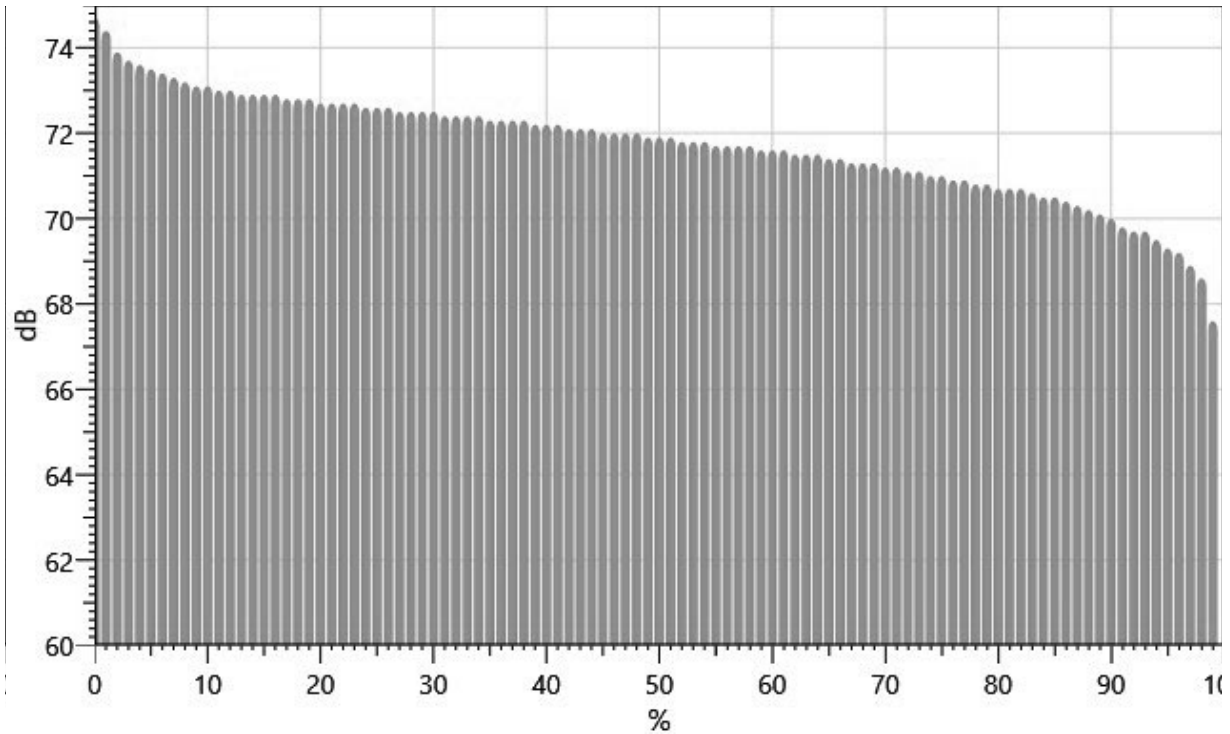


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		74.7	74.4	73.9	73.7	73.6	73.5	73.4	73.3	73.2
10%:	73.1	73.1	73.0	73.0	72.9	72.9	72.9	72.9	72.8	72.8
20%:	72.8	72.7	72.7	72.7	72.7	72.6	72.6	72.6	72.5	72.5
30%:	72.5	72.5	72.4	72.4	72.4	72.4	72.3	72.3	72.3	72.3
40%:	72.2	72.2	72.2	72.1	72.1	72.1	72.0	72.0	72.0	72.0
50%:	71.9	71.9	71.9	71.8	71.8	71.8	71.7	71.7	71.7	71.7
60%:	71.6	71.6	71.6	71.5	71.5	71.5	71.4	71.4	71.3	71.3
70%:	71.3	71.2	71.2	71.1	71.1	71.0	71.0	70.9	70.9	70.8
80%:	70.8	70.7	70.7	70.7	70.6	70.5	70.5	70.4	70.3	70.2
90%:	70.1	70.0	69.8	69.7	69.7	69.5	69.3	69.2	68.9	68.6
100%:	67.6									

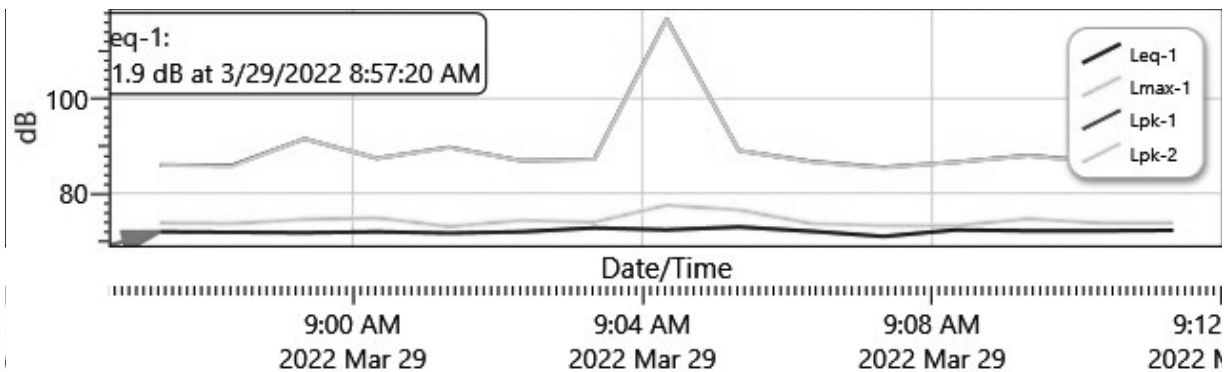
Exceedance Chart

S031_BIH050001_30032022_220217: Exceedance Chart



Logged Data Chart

S031_BIH050001_30032022_220217: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 8:57:20 AM	71.9	73.7	69.6	86
8:58:20 AM	71.8	73.6	69.4	85.9
8:59:20 AM	71.7	74.5	67.9	91.5
9:00:20 AM	71.9	74.8	68.1	87.4
9:01:20 AM	71.6	73	69.3	89.7

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:02:20 AM	71.9	74.3	69.2	86.9
9:03:20 AM	72.7	73.9	71.7	87.2
9:04:20 AM	72.3	77.5	70.5	116.8
9:05:20 AM	72.9	76.5	67.7	89
9:06:20 AM	72	73.6	69	86.7
9:07:20 AM	70.9	73.2	69	85.5
9:08:20 AM	72.3	73.2	69.3	86.6
9:09:20 AM	72.1	74.6	69.3	88
9:10:20 AM	72.1	73.7	70.9	86.6
9:11:20 AM	72.2	73.7	70.7	86.7

Session Report

3/31/2022

Information Panel

Name S071_BIG080015_30032022_220743
Start Time 3/29/2022 8:56:28 AM
Stop Time 3/29/2022 9:11:28 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter C 9a 3-29-22

Summary Data Panel

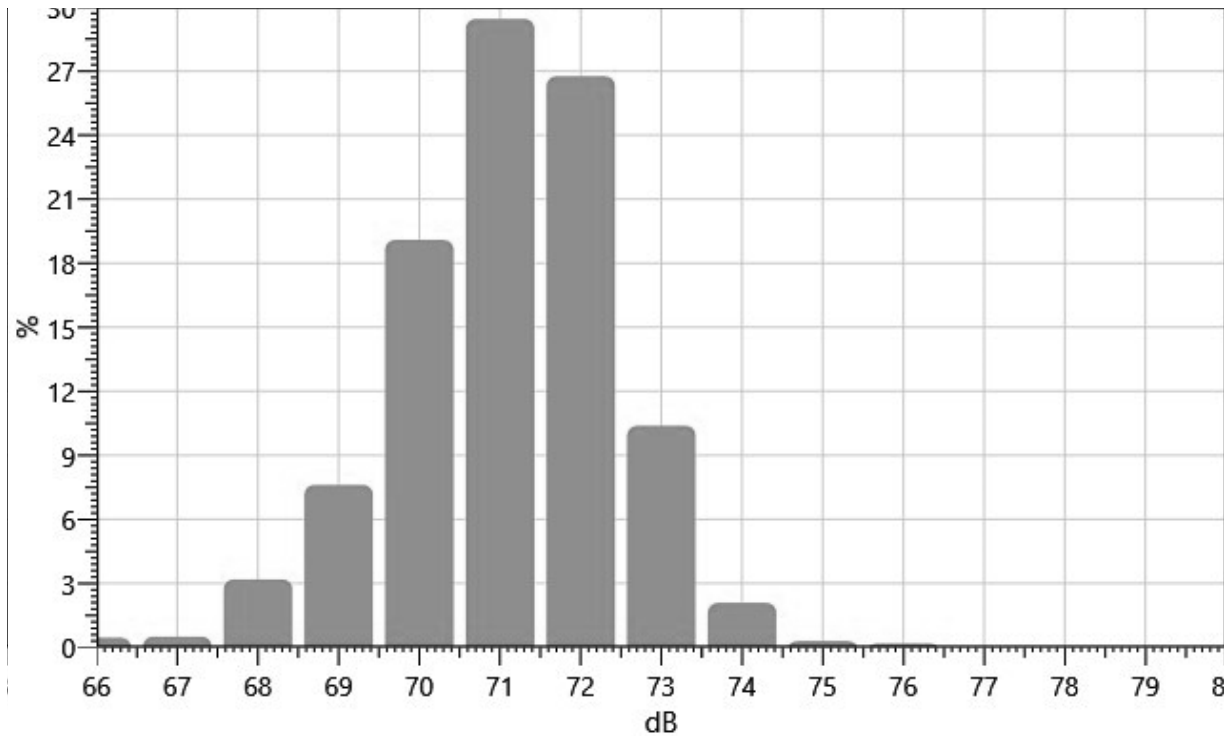
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	71.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
66:	0.04	0.11	0.12	0.03	0.03	0.02	0.02	0.03	0.03	0.02	0.46
67:	0.02	0.02	0.01	0.02	0.01	0.04	0.19	0.08	0.05	0.06	0.51
68:	0.16	0.36	0.16	0.18	0.11	0.27	0.44	0.49	0.39	0.64	3.18
69:	0.53	0.49	0.60	0.64	0.70	0.78	0.99	1.05	0.88	0.97	7.61
70:	1.01	1.23	1.53	2.14	1.86	2.01	2.27	2.13	2.28	2.63	19.09
71:	3.14	3.94	2.15	2.84	2.88	2.87	2.52	3.34	3.09	2.68	29.45
72:	3.33	3.51	3.45	3.04	2.70	2.44	2.47	2.52	1.83	1.49	26.76
73:	1.31	1.49	1.34	1.22	1.15	0.96	1.05	0.87	0.65	0.34	10.38
74:	0.27	0.20	0.10	0.25	0.18	0.32	0.18	0.12	0.19	0.26	2.08
75:	0.08	0.08	0.03	0.02	0.01	0.03	0.01	0.01	0.01	0.01	0.30
76:	0.01	0.01	0.01	0.01	0.01	0.02	0.06	0.03	0.01	0.01	0.18

Statistics Chart

S071_BIG080015_30032022_220743: Statistics Chart

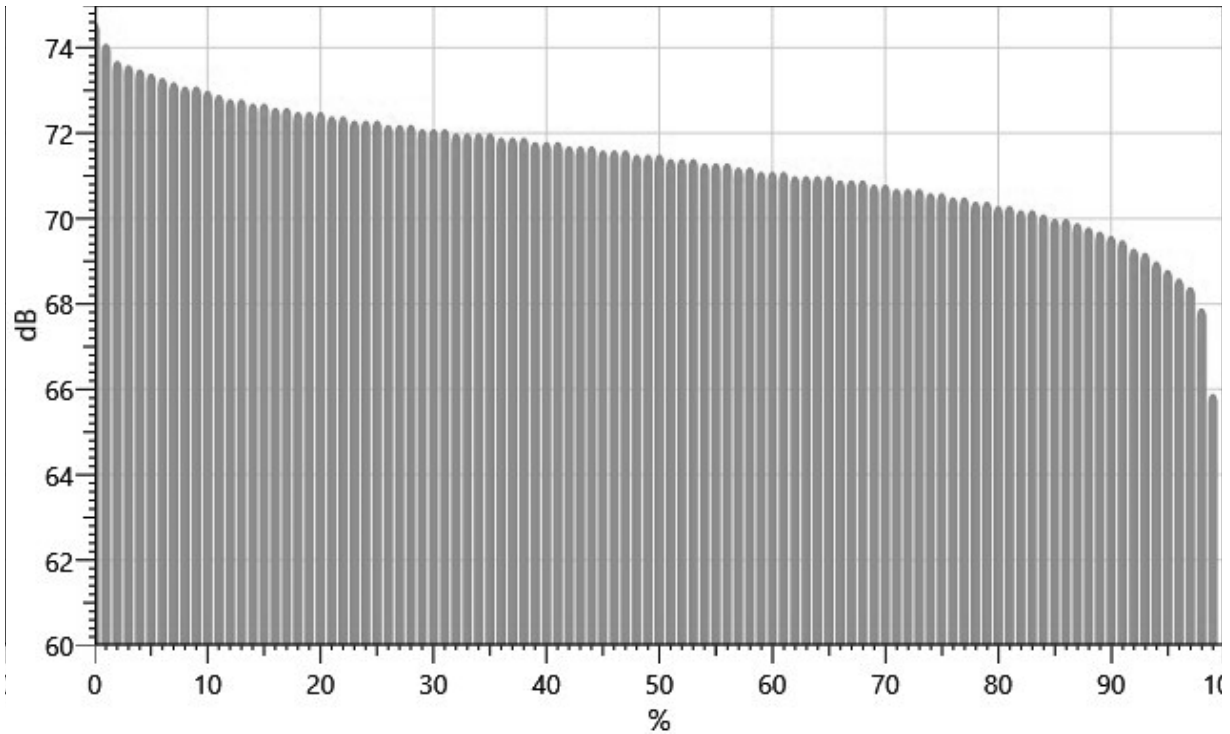


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		74.6	74.1	73.7	73.6	73.5	73.4	73.3	73.2	73.1
10%:	73.1	73.0	72.9	72.8	72.8	72.7	72.7	72.6	72.6	72.5
20%:	72.5	72.5	72.4	72.4	72.3	72.3	72.3	72.2	72.2	72.2
30%:	72.1	72.1	72.1	72.0	72.0	72.0	72.0	71.9	71.9	71.9
40%:	71.8	71.8	71.8	71.7	71.7	71.7	71.6	71.6	71.6	71.5
50%:	71.5	71.5	71.4	71.4	71.4	71.3	71.3	71.3	71.2	71.2
60%:	71.1	71.1	71.1	71.0	71.0	71.0	71.0	70.9	70.9	70.9
70%:	70.8	70.8	70.7	70.7	70.7	70.6	70.6	70.5	70.5	70.4
80%:	70.4	70.3	70.3	70.2	70.2	70.1	70.0	70.0	69.9	69.8
90%:	69.7	69.6	69.5	69.3	69.2	69.0	68.8	68.6	68.4	67.9
100%:	65.9									

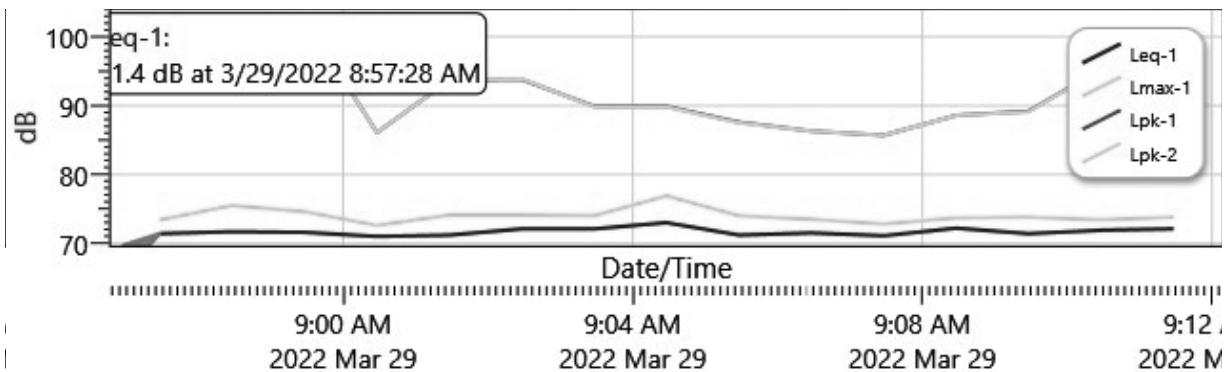
Exceedance Chart

S071_BIG080015_30032022_220743: Exceedance Chart



Logged Data Chart

S071_BIG080015_30032022_220743: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 8:57:28 AM	71.4	73.4	69.2	96.9
8:58:28 AM	71.7	75.5	69.6	97.3
8:59:28 AM	71.6	74.6	67.5	102.6
9:00:28 AM	71	72.6	68	86.1
9:01:28 AM	71.2	74.1	68.9	93.7

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:02:28 AM	72.1	74.1	68.1	93.8
9:03:28 AM	72.1	74	70.3	89.9
9:04:28 AM	73	76.9	70.7	89.9
9:05:28 AM	71.2	74	66	87.6
9:06:28 AM	71.5	73.5	68.8	86.3
9:07:28 AM	71.1	72.8	68.5	85.7
9:08:28 AM	72.2	73.7	68.6	88.6
9:09:28 AM	71.4	73.8	69.4	89.2
9:10:28 AM	71.9	73.4	70.3	95.3
9:11:28 AM	72.1	73.8	70.1	86.9

Session Report

3/31/2022

Information Panel

Name S363_BIF030001_30032022_221202
Start Time 3/29/2022 8:56:51 AM
Stop Time 3/29/2022 9:11:51 AM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter D 9a 3-29-22

Summary Data Panel

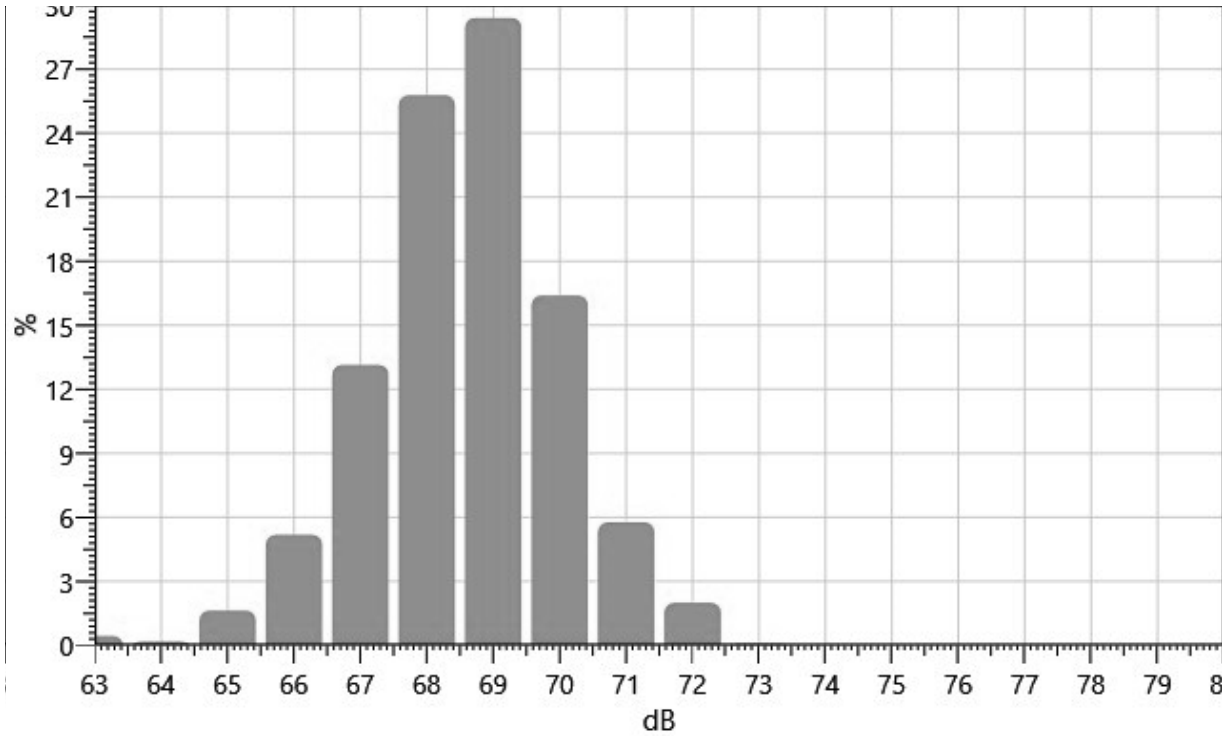
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	69.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
63:	0.07	0.08	0.05	0.04	0.05	0.03	0.04	0.03	0.02	0.04	0.45
64:	0.03	0.02	0.01	0.03	0.01	0.01	0.02	0.02	0.01	0.02	0.18
65:	0.02	0.02	0.09	0.08	0.19	0.19	0.27	0.25	0.26	0.27	1.63
66:	0.24	0.30	0.23	0.42	0.55	0.58	0.58	0.75	0.75	0.77	5.18
67:	0.91	0.93	0.75	1.05	0.94	1.02	1.02	1.63	2.33	2.57	13.14
68:	2.34	2.19	2.26	2.07	2.47	3.01	3.04	2.50	2.95	2.93	25.78
69:	2.80	2.58	2.81	2.60	2.93	3.38	3.68	3.24	2.65	2.73	29.40
70:	3.24	2.34	1.33	1.71	1.72	1.61	1.39	1.16	0.91	0.99	16.40
71:	1.06	0.92	0.85	0.87	0.67	0.35	0.23	0.18	0.34	0.31	5.77
72:	0.21	0.37	0.44	0.30	0.21	0.29	0.13	0.01	0.02	0.01	2.00
73:	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08

Statistics Chart

S363_BIF030001_30032022_221202: Statistics Chart

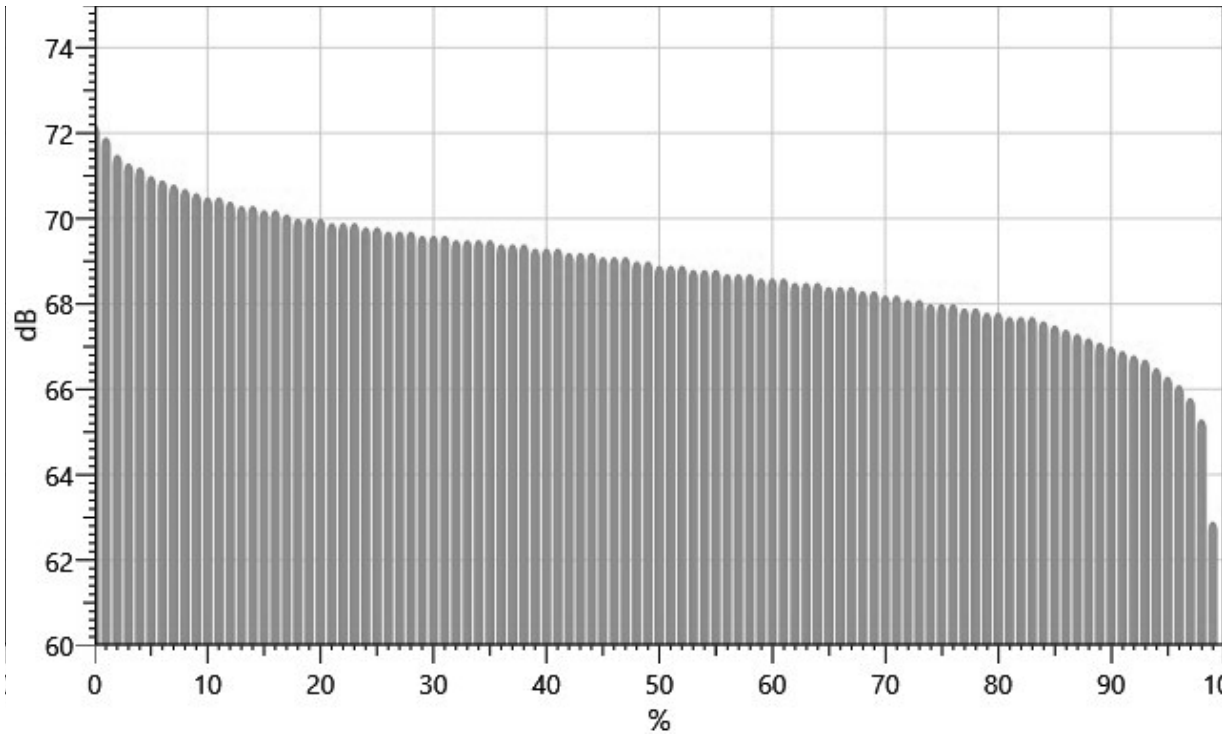


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		72.2	71.9	71.5	71.3	71.2	71.0	70.9	70.8	70.7
10%:	70.6	70.5	70.5	70.4	70.3	70.3	70.2	70.2	70.1	70.0
20%:	70.0	70.0	69.9	69.9	69.9	69.8	69.8	69.7	69.7	69.7
30%:	69.6	69.6	69.6	69.5	69.5	69.5	69.5	69.4	69.4	69.4
40%:	69.3	69.3	69.3	69.2	69.2	69.2	69.1	69.1	69.1	69.0
50%:	69.0	68.9	68.9	68.9	68.8	68.8	68.8	68.7	68.7	68.7
60%:	68.6	68.6	68.6	68.5	68.5	68.5	68.4	68.4	68.4	68.3
70%:	68.3	68.2	68.2	68.1	68.1	68.0	68.0	68.0	67.9	67.9
80%:	67.8	67.8	67.7	67.7	67.7	67.6	67.5	67.4	67.3	67.2
90%:	67.1	67.0	66.9	66.8	66.7	66.5	66.3	66.1	65.8	65.3
100%:	62.9									

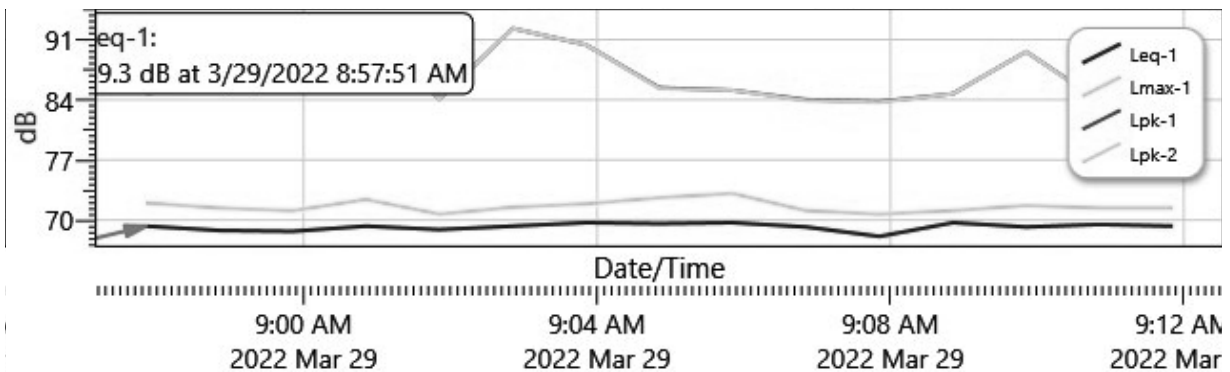
Exceedance Chart

S363_BIF030001_30032022_221202: Exceedance Chart



Logged Data Chart

S363_BIF030001_30032022_221202: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 8:57:51 AM	69.3	72	66.3	84.8
8:58:51 AM	68.8	71.4	66.3	85.4
8:59:51 AM	68.7	71.1	65.3	93.4
9:00:51 AM	69.3	72.4	65.6	92.6
9:01:51 AM	68.9	70.7	66.7	84.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:02:51 AM	69.3	71.5	65.1	92.3
9:03:51 AM	69.7	71.9	67.7	90.4
9:04:51 AM	69.6	72.6	66.9	85.4
9:05:51 AM	69.7	73.1	63	85.1
9:06:51 AM	69.2	71.1	66.9	84
9:07:51 AM	68.1	70.7	65.4	83.8
9:08:51 AM	69.7	71.1	68.1	84.7
9:09:51 AM	69.2	71.7	66.4	89.6
9:10:51 AM	69.5	71.4	67.4	83.9
9:11:51 AM	69.3	71.4	67.4	85

Session Report

3/31/2022

Information Panel

Name S001_BIF090005_30032022_222227
Start Time 3/29/2022 8:56:07 AM
Stop Time 3/29/2022 9:11:07 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter E 9a 3-29-22

Summary Data Panel

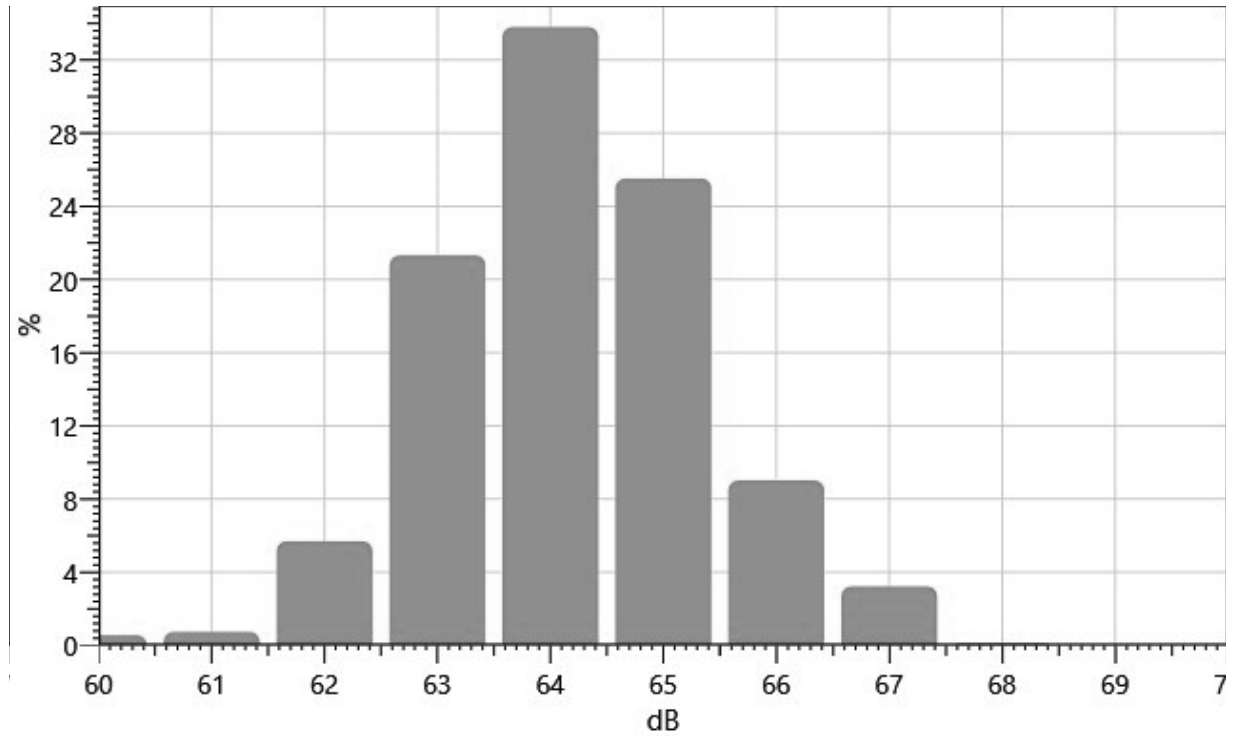
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	64.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
60:	0.00	0.13	0.13	0.07	0.03	0.02	0.01	0.03	0.09	0.05	0.56
61:	0.02	0.02	0.01	0.01	0.01	0.06	0.11	0.12	0.23	0.16	0.74
62:	0.27	0.25	0.26	0.41	0.26	0.39	0.79	1.00	1.10	0.97	5.69
63:	1.28	0.98	0.84	1.69	2.31	2.72	3.13	2.91	2.76	2.70	21.32
64:	3.33	2.64	3.35	3.22	3.53	3.19	2.91	3.77	3.99	3.87	33.80
65:	3.39	3.24	3.85	3.10	2.34	2.06	2.08	1.93	1.70	1.83	25.52
66:	1.54	1.20	0.91	1.01	1.26	0.98	0.69	0.57	0.36	0.51	9.02
67:	0.52	0.23	0.22	0.53	0.59	0.67	0.35	0.06	0.03	0.05	3.23
68:	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12

Statistics Chart

S001_BIF090005_30032022_222227: Statistics Chart

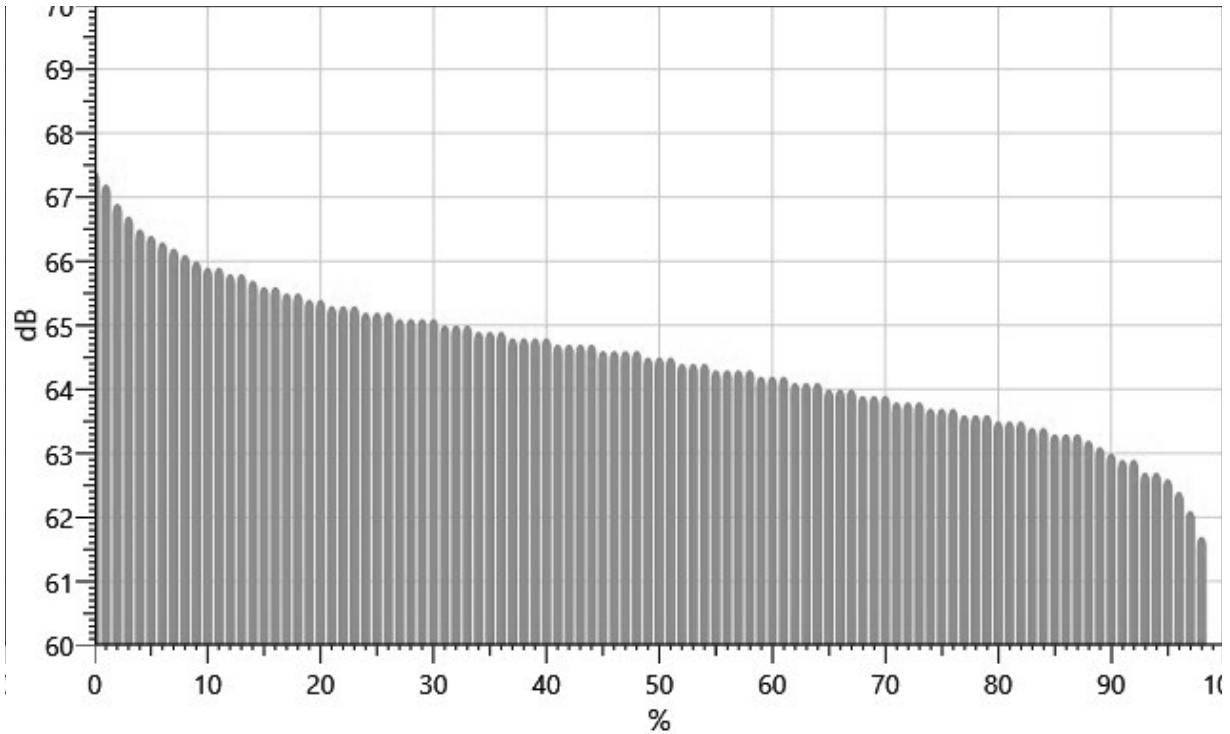


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		67.4	67.2	66.9	66.7	66.5	66.4	66.3	66.2	66.1
10%:	66.0	65.9	65.9	65.8	65.8	65.7	65.6	65.6	65.5	65.5
20%:	65.4	65.4	65.3	65.3	65.3	65.2	65.2	65.2	65.1	65.1
30%:	65.1	65.1	65.0	65.0	65.0	64.9	64.9	64.9	64.8	64.8
40%:	64.8	64.8	64.7	64.7	64.7	64.7	64.6	64.6	64.6	64.6
50%:	64.5	64.5	64.5	64.4	64.4	64.4	64.3	64.3	64.3	64.3
60%:	64.2	64.2	64.2	64.1	64.1	64.1	64.0	64.0	64.0	63.9
70%:	63.9	63.9	63.8	63.8	63.8	63.7	63.7	63.7	63.6	63.6
80%:	63.6	63.5	63.5	63.5	63.4	63.4	63.3	63.3	63.3	63.2
90%:	63.1	63.0	62.9	62.9	62.7	62.7	62.6	62.4	62.1	61.7
100%:	60.0									

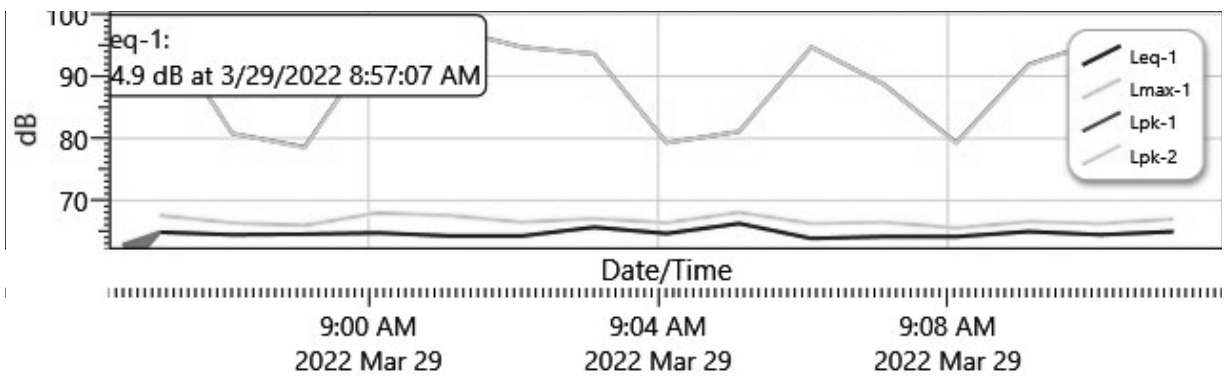
Exceedance Chart

S001_BIF090005_30032022_222227: Exceedance Chart



Logged Data Chart

S001_BIF090005_30032022_222227: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 8:57:07 AM	64.9	67.6	62.6	98.9
8:58:07 AM	64.5	66.4	63.3	80.8
8:59:07 AM	64.6	66	62.8	78.6
9:00:07 AM	64.8	68	61.5	95.4
9:01:07 AM	64.3	67.6	62.6	97.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
9:02:07 AM	64.3	66.5	61.8	94.7
9:03:07 AM	65.7	67.1	64.2	93.6
9:04:07 AM	64.7	66.4	63.4	79.3
9:05:07 AM	66.3	68.1	64.1	81.1
9:06:07 AM	63.9	66.3	60.1	94.7
9:07:07 AM	64.2	66.5	62	88.7
9:08:07 AM	64.2	65.6	61.7	79.3
9:09:07 AM	65	66.6	63	91.9
9:10:07 AM	64.5	66.3	63.4	95.7
9:11:07 AM	65	67	63.4	81

Session Report

3/31/2022

Information Panel

Name S056_BIF090003_30032022_215821
Start Time 3/29/2022 11:46:41 AM
Stop Time 3/29/2022 12:01:41 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter A 12:00 3-29-22

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	84.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

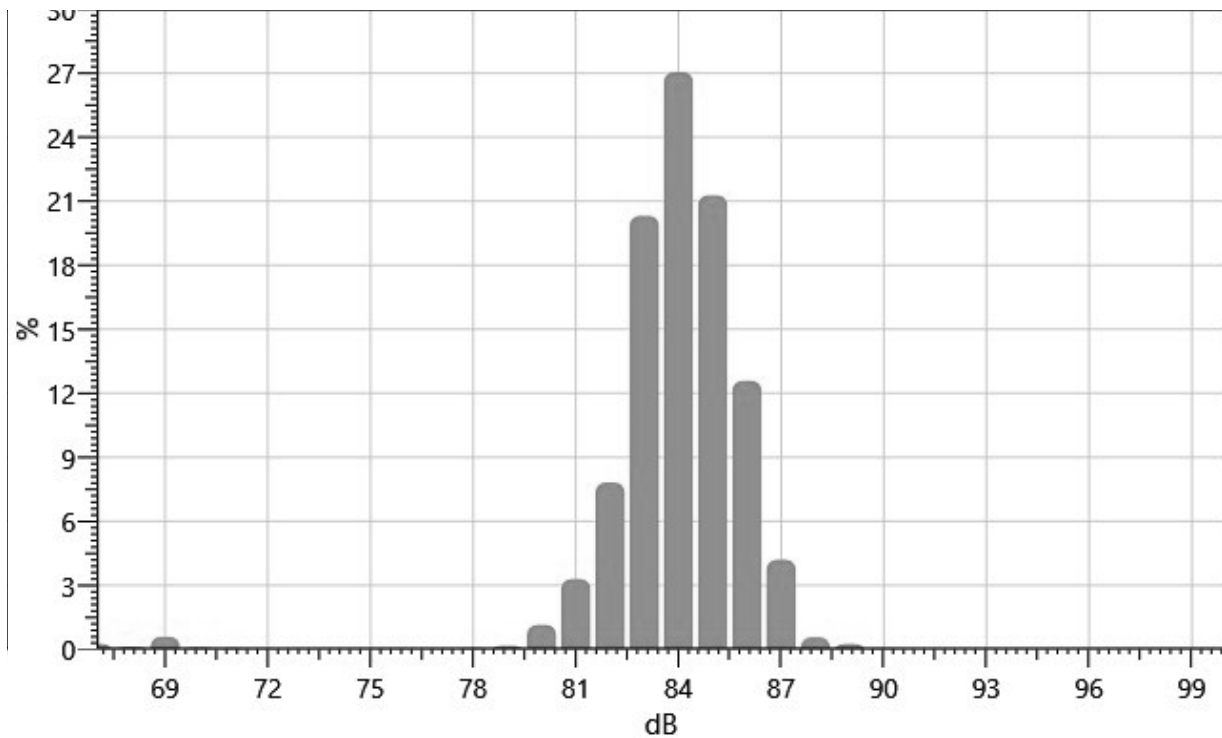
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
67:	0.00	0.00	0.00	0.02	0.05	0.08	0.02	0.01	0.07	0.01	0.26
68:	0.03	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.13
69:	0.01	0.01	0.08	0.13	0.04	0.05	0.07	0.14	0.04	0.02	0.59
70:	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.09
71:	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.06
72:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
73:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
74:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
75:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
76:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
77:	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.04
78:	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.06
79:	0.00	0.00	0.00	0.00	0.03	0.03	0.02	0.01	0.01	0.05	0.17
80:	0.09	0.06	0.08	0.17	0.09	0.13	0.10	0.08	0.15	0.19	1.14

81:	0.19	0.14	0.25	0.31	0.27	0.38	0.43	0.38	0.47	0.48	3.29
82:	0.44	0.53	0.48	0.43	0.63	0.96	1.02	0.91	1.06	1.37	7.82
83:	1.36	1.28	1.62	1.94	1.91	2.21	2.20	2.52	2.53	2.74	20.31
84:	2.80	2.91	3.18	2.91	2.01	2.44	2.52	2.73	2.73	2.82	27.05
85:	2.52	2.28	2.23	2.19	2.07	2.29	1.79	1.93	2.07	1.90	21.27
86:	1.76	2.00	1.72	1.26	0.89	0.97	0.88	1.02	1.10	0.99	12.58
87:	0.85	0.56	0.48	0.52	0.45	0.49	0.30	0.23	0.19	0.14	4.20
88:	0.11	0.06	0.05	0.06	0.06	0.04	0.05	0.08	0.03	0.02	0.56
89:	0.02	0.05	0.09	0.06	0.01	0.01	0.01	0.01	0.01	0.01	0.25
90:	0.01	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.06

Statistics Chart

S056_BIF090003_30032022_215821: Statistics Chart



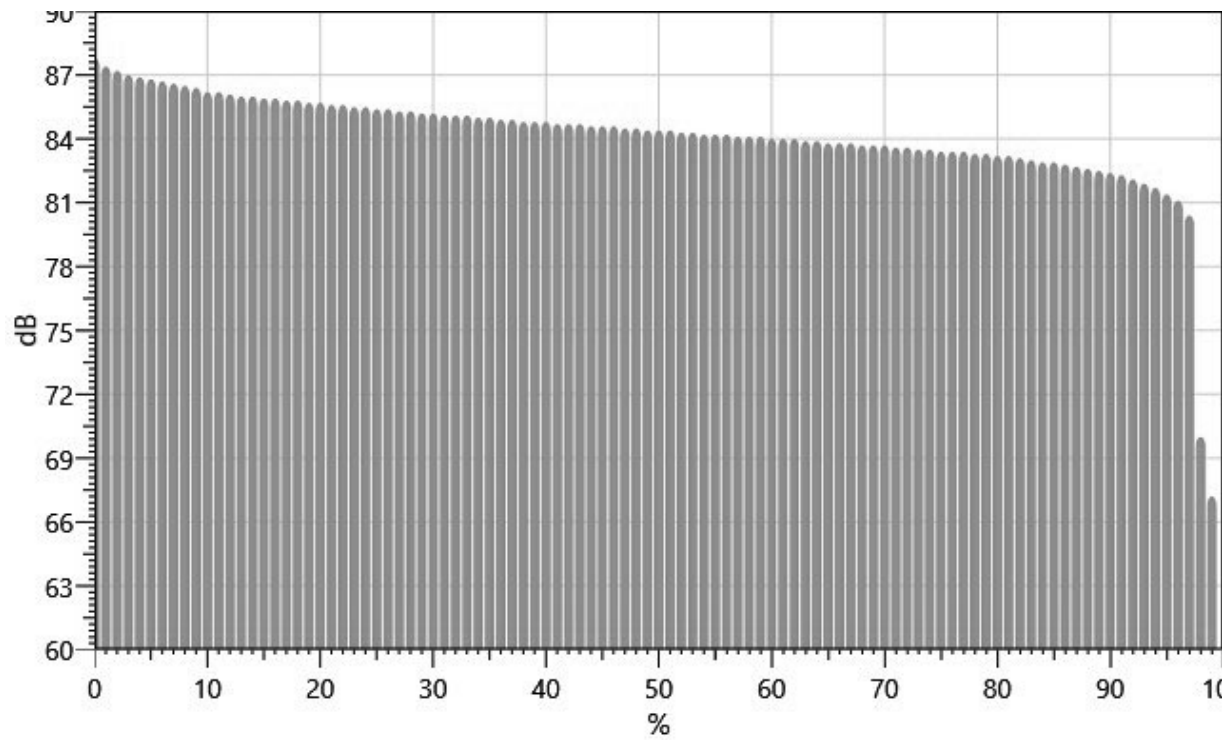
Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		87.8	87.4	87.2	87.0	86.9	86.8	86.7	86.6	86.5
10%:	86.4	86.2	86.2	86.1	86.0	86.0	85.9	85.9	85.8	85.8
20%:	85.7	85.7	85.6	85.6	85.5	85.5	85.4	85.4	85.3	85.3
30%:	85.2	85.2	85.1	85.1	85.1	85.0	85.0	84.9	84.9	84.8
40%:	84.8	84.8	84.7	84.7	84.7	84.6	84.6	84.6	84.5	84.5

50%:	84.4	84.4	84.4	84.3	84.3	84.2	84.2	84.2	84.1	84.1
60%:	84.1	84.0	84.0	84.0	83.9	83.9	83.8	83.8	83.8	83.7
70%:	83.7	83.7	83.6	83.6	83.5	83.5	83.4	83.4	83.4	83.3
80%:	83.3	83.2	83.2	83.1	83.0	82.9	82.9	82.8	82.7	82.6
90%:	82.5	82.4	82.3	82.1	81.9	81.7	81.4	81.1	80.4	70.0
100%:	67.2									

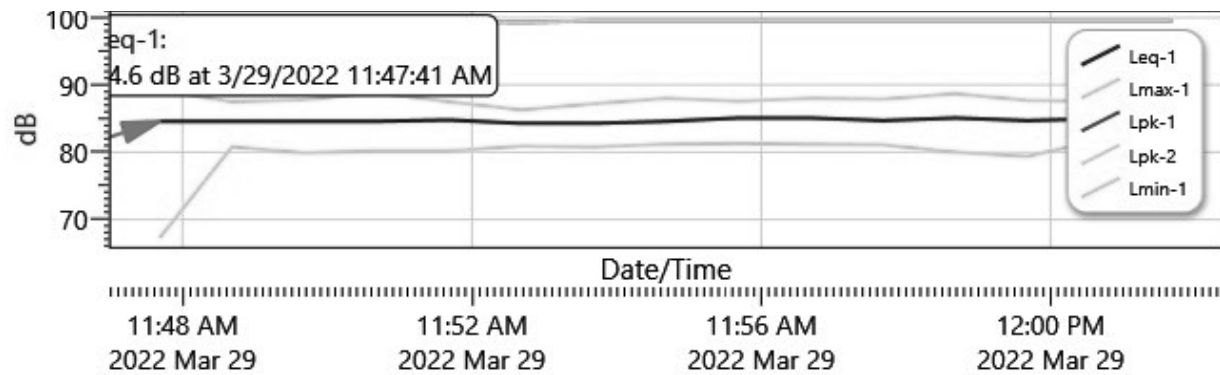
Exceedance Chart

S056_BIF090003_30032022_215821: Exceedance Chart



Logged Data Chart

S056_BIF090003_30032022_215821: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 11:47:41 AM	84.6	89.3	67.3	99.5
11:48:41 AM	84.6	87.5	80.8	99.5
11:49:41 AM	84.6	87.8	79.9	99.5
11:50:41 AM	84.6	88.9	80.2	99.5
11:51:41 AM	84.8	87.5	80.2	99.5
11:52:41 AM	84.3	86.3	80.9	99.3
11:53:41 AM	84.3	87.2	80.8	99.5
11:54:41 AM	84.6	88	81.2	99.5
11:55:41 AM	85.1	87.6	81.3	99.5
11:56:41 AM	85.1	88	81.2	99.5
11:57:41 AM	84.7	87.9	81.1	99.5
11:58:41 AM	85.1	88.7	80	99.5
11:59:41 AM	84.7	87.7	79.4	99.5
12:00:41 PM	85	87.6	81.8	99.5
12:01:41 PM	85.2	90.4	81.4	99.5

Session Report

3/31/2022

Information Panel

Name S032_BIH050001_30032022_220220
Start Time 3/29/2022 11:46:32 AM
Stop Time 3/29/2022 12:01:32 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter B 12:00 3-29-22

Summary Data Panel

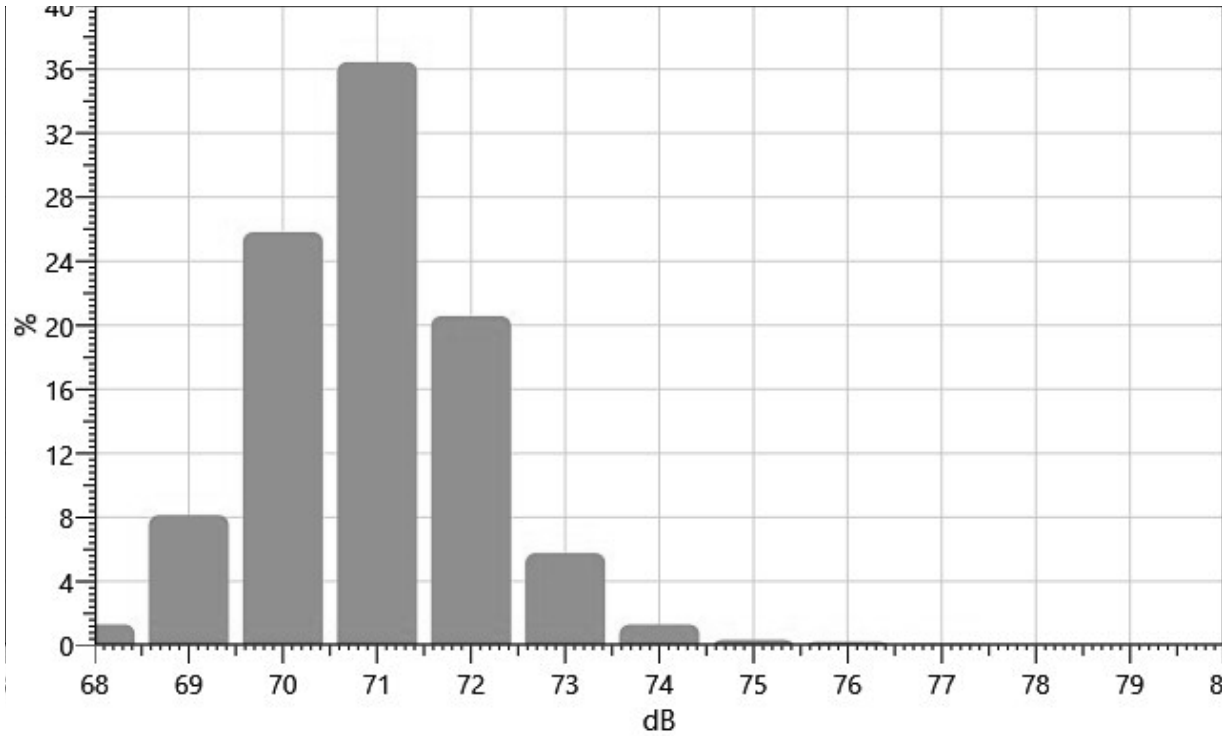
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	71.5 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
68:	0.00	0.00	0.00	0.00	0.05	0.13	0.17	0.37	0.27	0.31	1.31
69:	0.21	0.46	0.35	0.36	0.79	0.98	0.93	1.06	1.52	1.46	8.13
70:	1.38	1.72	2.47	2.93	2.59	2.37	2.16	3.11	3.48	3.61	25.82
71:	3.75	3.56	2.66	3.67	4.25	4.05	4.17	3.33	3.66	3.34	36.45
72:	3.02	2.99	2.52	2.44	1.97	1.68	1.38	1.46	1.54	1.56	20.57
73:	1.29	0.94	0.80	0.82	0.63	0.39	0.43	0.19	0.16	0.14	5.77
74:	0.11	0.12	0.13	0.21	0.21	0.10	0.10	0.10	0.14	0.07	1.31
75:	0.05	0.04	0.04	0.04	0.05	0.05	0.02	0.02	0.02	0.02	0.35
76:	0.02	0.03	0.04	0.03	0.04	0.01	0.01	0.01	0.01	0.01	0.23
77:	0.01	0.01	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.08

Statistics Chart

S032_BIH050001_30032022_220220: Statistics Chart

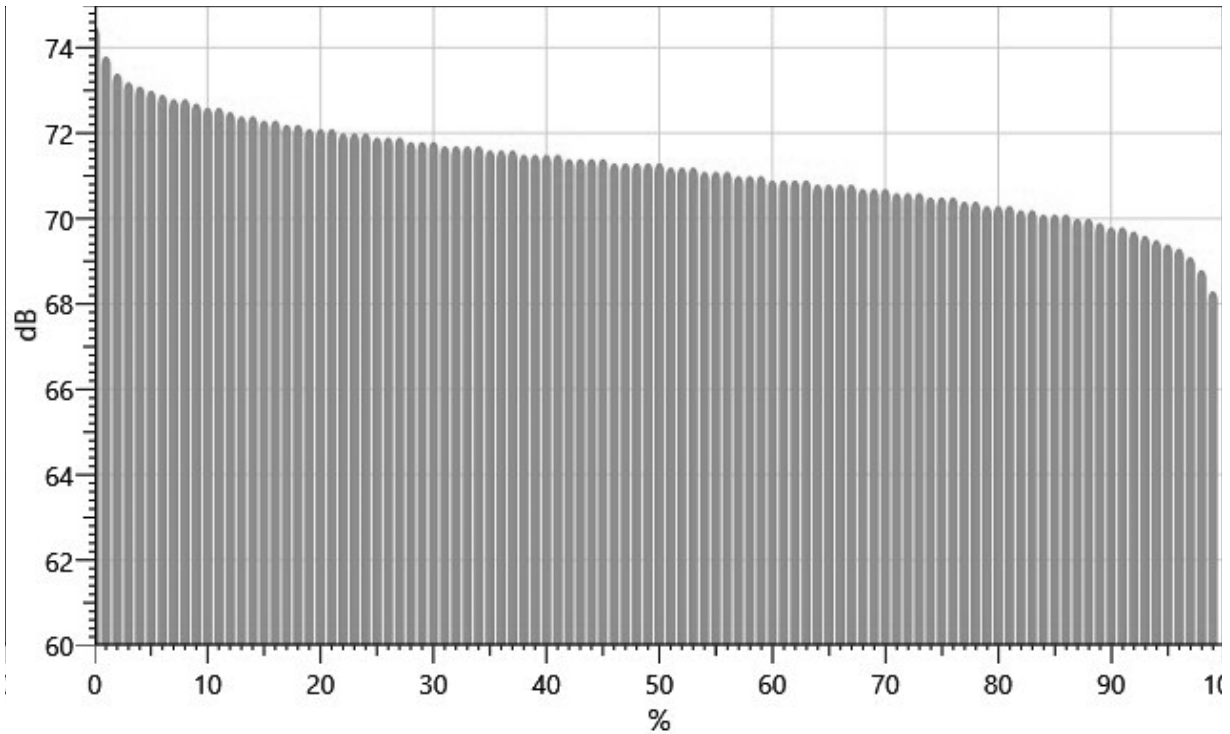


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		74.5	73.8	73.4	73.2	73.1	73.0	72.9	72.8	72.8
10%:	72.7	72.6	72.6	72.5	72.4	72.4	72.3	72.3	72.2	72.2
20%:	72.1	72.1	72.1	72.0	72.0	72.0	71.9	71.9	71.9	71.8
30%:	71.8	71.8	71.7	71.7	71.7	71.7	71.6	71.6	71.6	71.5
40%:	71.5	71.5	71.5	71.4	71.4	71.4	71.4	71.3	71.3	71.3
50%:	71.3	71.3	71.2	71.2	71.2	71.1	71.1	71.1	71.0	71.0
60%:	71.0	70.9	70.9	70.9	70.9	70.8	70.8	70.8	70.8	70.7
70%:	70.7	70.7	70.6	70.6	70.6	70.5	70.5	70.5	70.4	70.4
80%:	70.3	70.3	70.3	70.2	70.2	70.1	70.1	70.1	70.0	70.0
90%:	69.9	69.8	69.8	69.7	69.6	69.5	69.4	69.3	69.1	68.8
100%:	68.3									

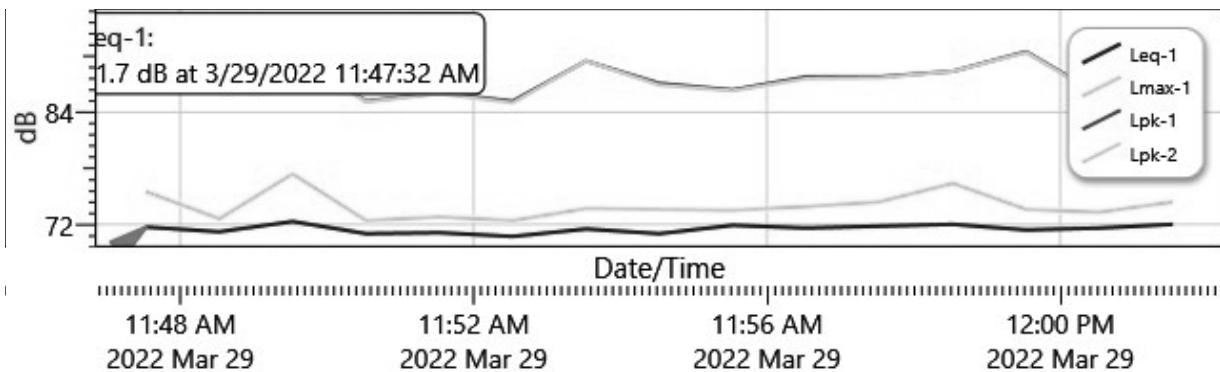
Exceedance Chart

S032_BIH050001_30032022_220220: Exceedance Chart



Logged Data Chart

S032_BIH050001_30032022_220220: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 11:47:32 AM	71.7	75.5	69.8	94
11:48:32 AM	71.2	72.6	69.7	86.3
11:49:32 AM	72.3	77.4	69.5	90.3
11:50:32 AM	71	72.4	68.4	85.2
11:51:32 AM	71.1	72.8	69	86.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:52:32 AM	70.7	72.4	69.3	85.2
11:53:32 AM	71.5	73.7	69.1	89.5
11:54:32 AM	71	73.6	68.6	87.1
11:55:32 AM	71.9	73.5	70	86.4
11:56:32 AM	71.6	73.9	69.1	87.8
11:57:32 AM	71.8	74.4	69.7	87.8
11:58:32 AM	72	76.4	69.4	88.4
11:59:32 AM	71.4	73.6	69.4	90.5
12:00:32 PM	71.6	73.3	68.5	85.9
12:01:32 PM	72	74.4	70.2	89.8

Session Report

3/31/2022

Information Panel

Name S072_BIG080015_30032022_220746
Start Time 3/29/2022 11:46:34 AM
Stop Time 3/29/2022 12:01:34 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter C 12p 3-29-22

Summary Data Panel

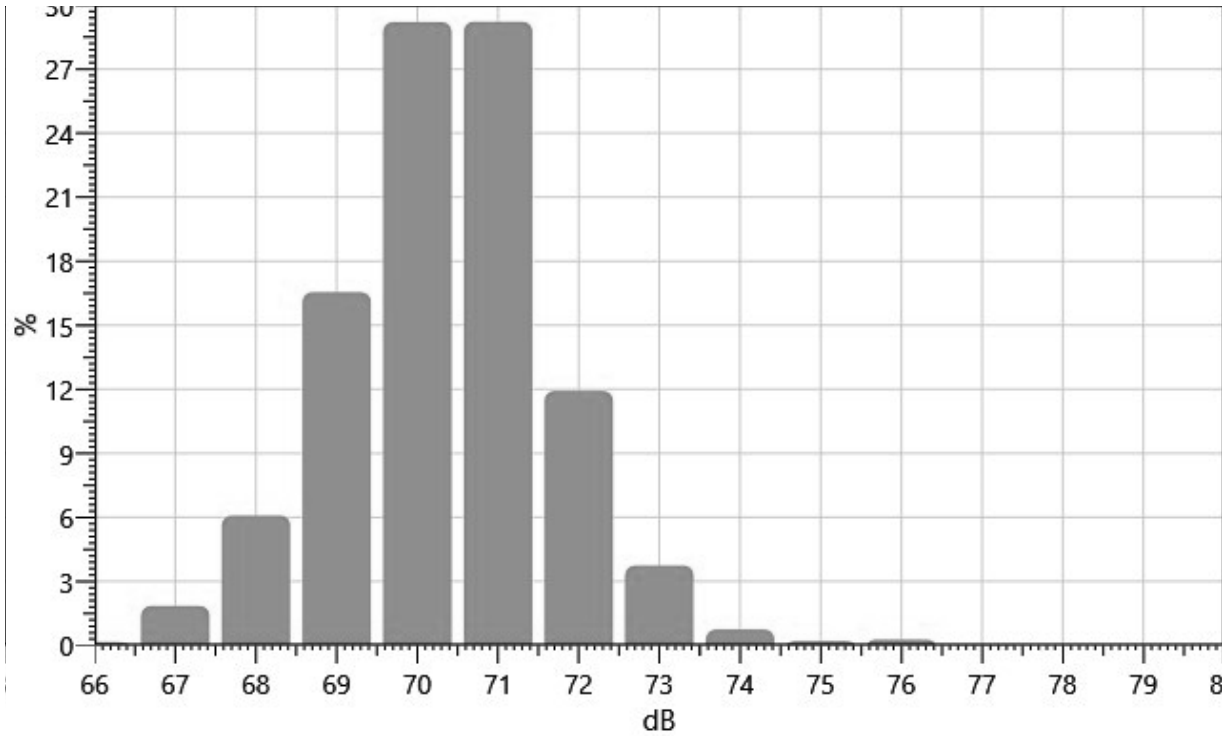
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	71 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
66:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.06	0.15
67:	0.03	0.07	0.11	0.16	0.14	0.20	0.22	0.38	0.30	0.22	1.85
68:	0.34	0.32	0.26	0.50	0.43	0.60	0.67	0.79	0.96	1.22	6.08
69:	1.25	1.11	1.31	1.39	1.40	1.90	2.06	2.17	1.73	2.22	16.55
70:	2.50	2.43	2.57	2.12	2.99	3.53	3.61	2.85	2.94	3.67	29.21
71:	3.60	3.94	2.22	3.29	3.20	3.12	2.78	2.49	2.54	2.04	29.23
72:	1.61	1.76	1.50	1.33	0.92	1.04	1.11	1.07	0.88	0.69	11.92
73:	0.73	0.75	0.73	0.36	0.49	0.26	0.10	0.08	0.12	0.12	3.74
74:	0.20	0.17	0.10	0.12	0.02	0.03	0.02	0.03	0.03	0.02	0.74
75:	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.02	0.02	0.03	0.20
76:	0.02	0.03	0.02	0.03	0.03	0.05	0.04	0.03	0.02	0.01	0.28
77:	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04

Statistics Chart

S072_BIG080015_30032022_220746: Statistics Chart

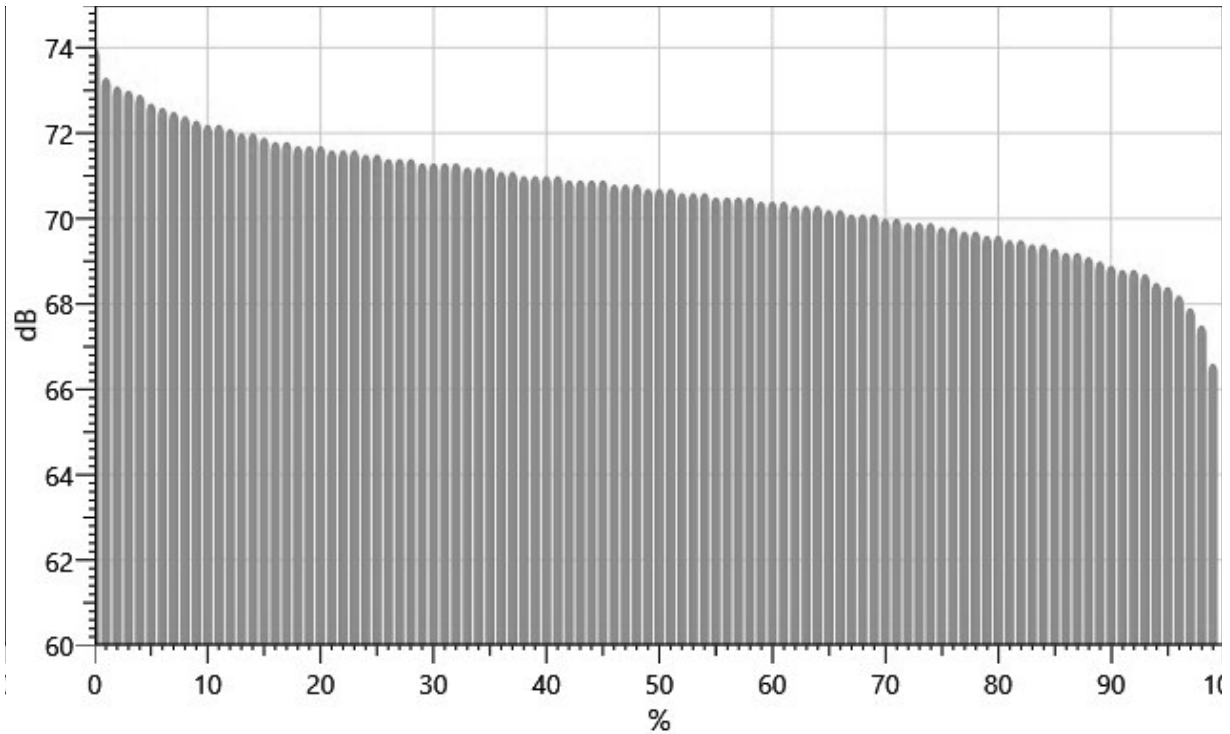


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		74.0	73.3	73.1	73.0	72.9	72.7	72.6	72.5	72.4
10%:	72.3	72.2	72.2	72.1	72.0	72.0	71.9	71.8	71.8	71.7
20%:	71.7	71.7	71.6	71.6	71.6	71.5	71.5	71.4	71.4	71.4
30%:	71.3	71.3	71.3	71.3	71.2	71.2	71.2	71.1	71.1	71.0
40%:	71.0	71.0	71.0	70.9	70.9	70.9	70.9	70.8	70.8	70.8
50%:	70.7	70.7	70.7	70.6	70.6	70.6	70.5	70.5	70.5	70.5
60%:	70.4	70.4	70.4	70.3	70.3	70.3	70.2	70.2	70.1	70.1
70%:	70.1	70.0	70.0	69.9	69.9	69.9	69.8	69.8	69.7	69.7
80%:	69.6	69.6	69.5	69.5	69.4	69.4	69.3	69.2	69.2	69.1
90%:	69.0	68.9	68.8	68.8	68.7	68.5	68.4	68.2	67.9	67.5
100%:	66.6									

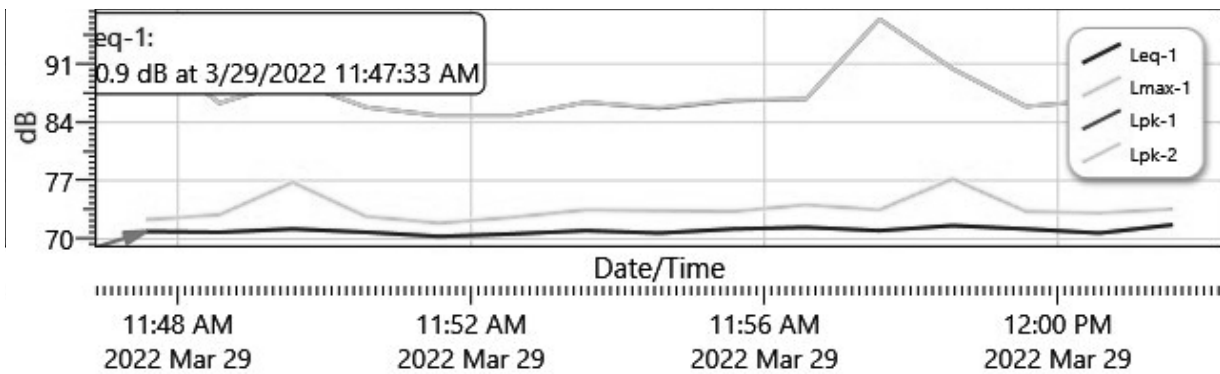
Exceedance Chart

S072_BIG080015_30032022_220746: Exceedance Chart



Logged Data Chart

S072_BIG080015_30032022_220746: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 11:47:34 AM	70.9	72.3	68.8	93.3
11:48:34 AM	70.8	72.9	68.7	86.3
11:49:34 AM	71.2	76.8	66.7	89
11:50:34 AM	70.8	72.7	68.5	85.8
11:51:34 AM	70.3	71.9	67.6	84.8

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:52:34 AM	70.6	72.6	68.1	84.8
11:53:34 AM	71	73.5	68.4	86.4
11:54:34 AM	70.7	73.4	67.4	85.7
11:55:34 AM	71.2	73.3	68.5	86.6
11:56:34 AM	71.4	74.1	68.1	86.8
11:57:34 AM	71	73.5	67.1	96.4
11:58:34 AM	71.6	77.2	68	90.4
11:59:34 AM	71.2	73.3	68.6	85.9
12:00:34 PM	70.7	73.1	67.7	86.6
12:01:34 PM	71.7	73.6	69.8	87.4

Session Report

3/31/2022

Information Panel

Name S364_BIF030001_30032022_221205
Start Time 3/29/2022 11:46:55 AM
Stop Time 3/29/2022 12:01:55 PM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter D 12p 3-29-22

Summary Data Panel

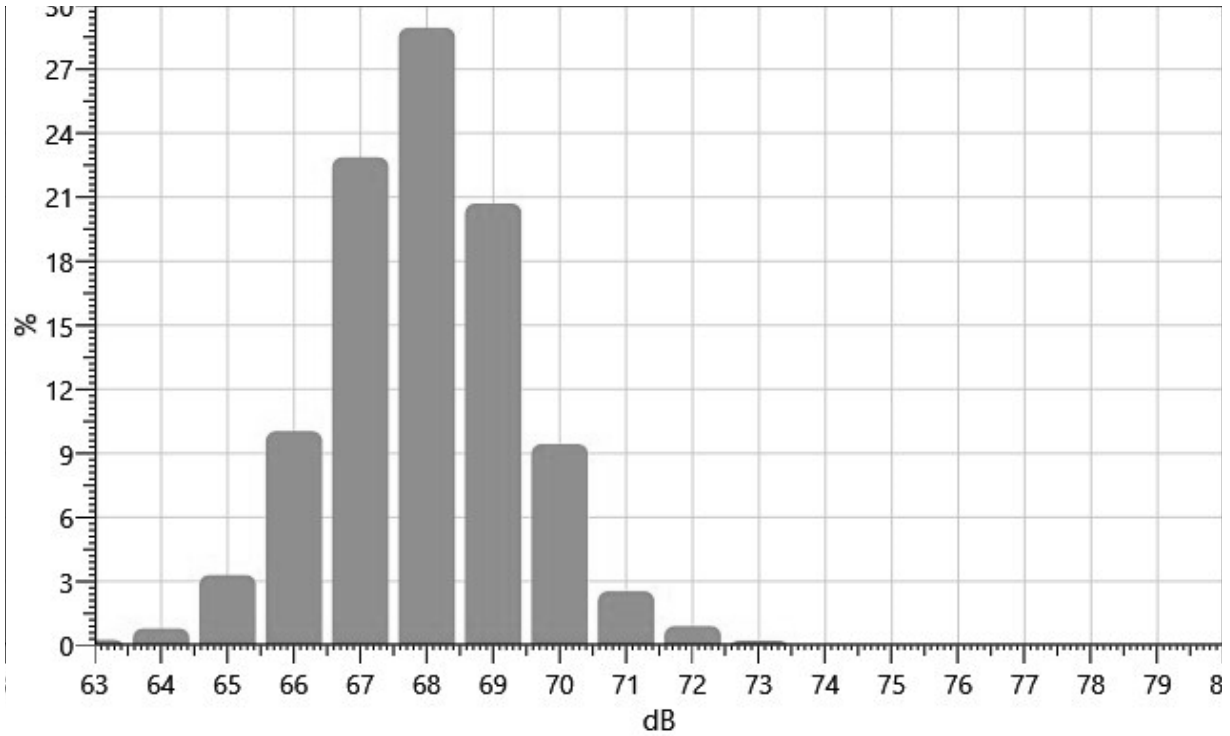
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	68.6 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
63:	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.06	0.05	0.02	0.26
64:	0.03	0.04	0.03	0.08	0.12	0.05	0.15	0.14	0.05	0.10	0.79
65:	0.19	0.28	0.21	0.22	0.15	0.19	0.39	0.43	0.54	0.69	3.30
66:	0.85	0.77	0.86	0.82	0.83	1.10	0.90	1.29	1.26	1.34	10.03
67:	1.85	2.51	1.55	2.40	1.84	1.90	1.92	2.54	2.99	3.36	22.87
68:	3.26	2.79	2.63	3.13	3.14	2.65	2.75	2.46	3.07	3.07	28.94
69:	2.79	2.94	2.69	2.38	2.33	1.81	1.76	1.58	1.25	1.19	20.70
70:	1.49	1.35	0.77	0.93	1.35	1.17	0.80	0.78	0.45	0.35	9.44
71:	0.51	0.34	0.30	0.24	0.22	0.20	0.14	0.18	0.23	0.17	2.54
72:	0.22	0.19	0.14	0.10	0.17	0.04	0.02	0.01	0.01	0.01	0.90
73:	0.01	0.01	0.01	0.01	0.01	0.02	0.08	0.07	0.01	0.00	0.22

Statistics Chart

S364_BIF030001_30032022_221205: Statistics Chart

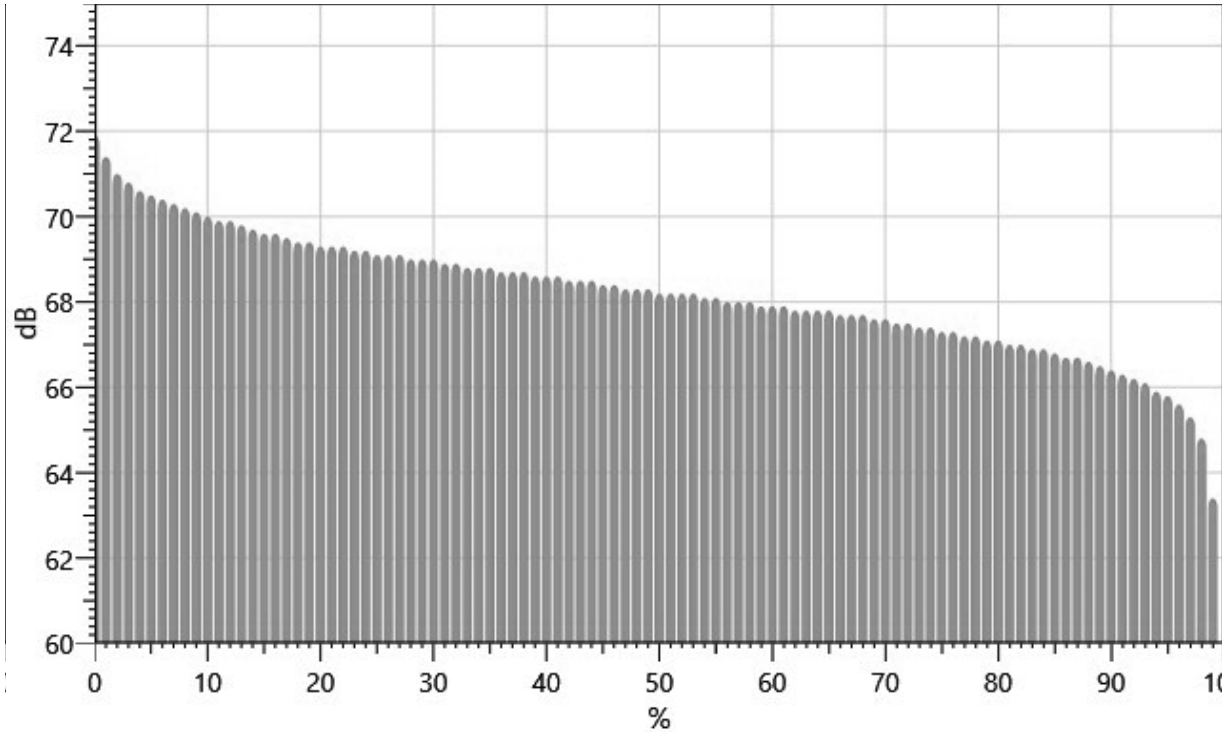


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		71.9	71.4	71.0	70.8	70.6	70.5	70.4	70.3	70.2
10%:	70.1	70.0	69.9	69.9	69.8	69.7	69.6	69.6	69.5	69.4
20%:	69.4	69.3	69.3	69.3	69.2	69.2	69.1	69.1	69.1	69.0
30%:	69.0	69.0	68.9	68.9	68.8	68.8	68.8	68.7	68.7	68.7
40%:	68.6	68.6	68.6	68.5	68.5	68.5	68.4	68.4	68.3	68.3
50%:	68.3	68.2	68.2	68.2	68.2	68.1	68.1	68.0	68.0	68.0
60%:	67.9	67.9	67.9	67.8	67.8	67.8	67.8	67.7	67.7	67.7
70%:	67.6	67.6	67.5	67.5	67.4	67.4	67.3	67.3	67.2	67.2
80%:	67.1	67.1	67.0	67.0	66.9	66.9	66.8	66.7	66.7	66.6
90%:	66.5	66.4	66.3	66.2	66.1	65.9	65.8	65.6	65.3	64.8
100%:	63.4									

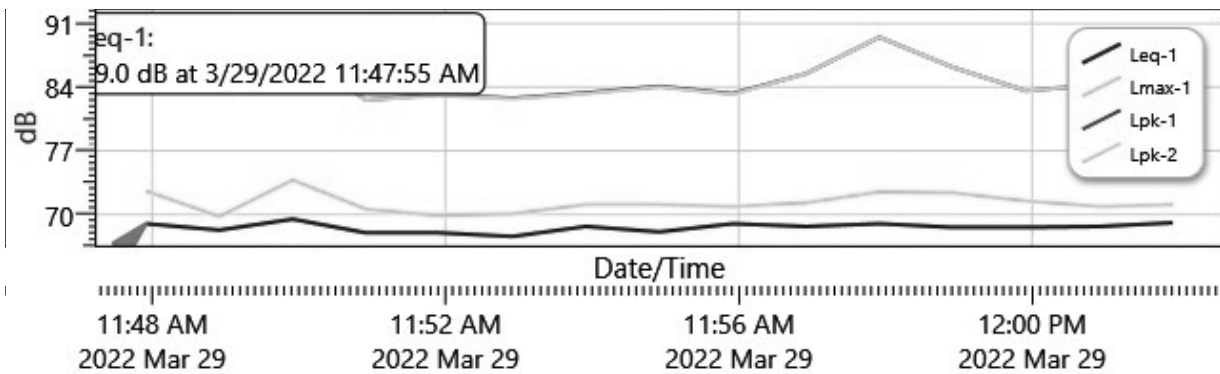
Exceedance Chart

S364_BIF030001_30032022_221205: Exceedance Chart



Logged Data Chart

S364_BIF030001_30032022_221205: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 11:47:55 AM	69	72.6	66.5	89.9
11:48:55 AM	68.3	69.8	65.5	91.5
11:49:55 AM	69.5	73.8	67.2	88.2
11:50:55 AM	68	70.6	63.5	82.6
11:51:55 AM	68	69.9	65	83.2

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:52:55 AM	67.6	70.1	65.9	82.8
11:53:55 AM	68.7	71.1	65.7	83.4
11:54:55 AM	68.1	71.1	64.5	84.1
11:55:55 AM	69	70.9	65.9	83.3
11:56:55 AM	68.7	71.3	65.5	85.5
11:57:55 AM	69	72.5	65.6	89.5
11:58:55 AM	68.6	72.4	64.3	86.2
11:59:55 AM	68.6	71.5	66.1	83.6
12:00:55 PM	68.7	70.9	65	84.3
12:01:55 PM	69.1	71.1	66.9	83.6

Session Report

3/31/2022

Information Panel

Name S002_BIF090005_30032022_222230
Start Time 3/29/2022 11:46:11 AM
Stop Time 3/29/2022 12:01:11 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter E 12p 3-29-22

Summary Data Panel

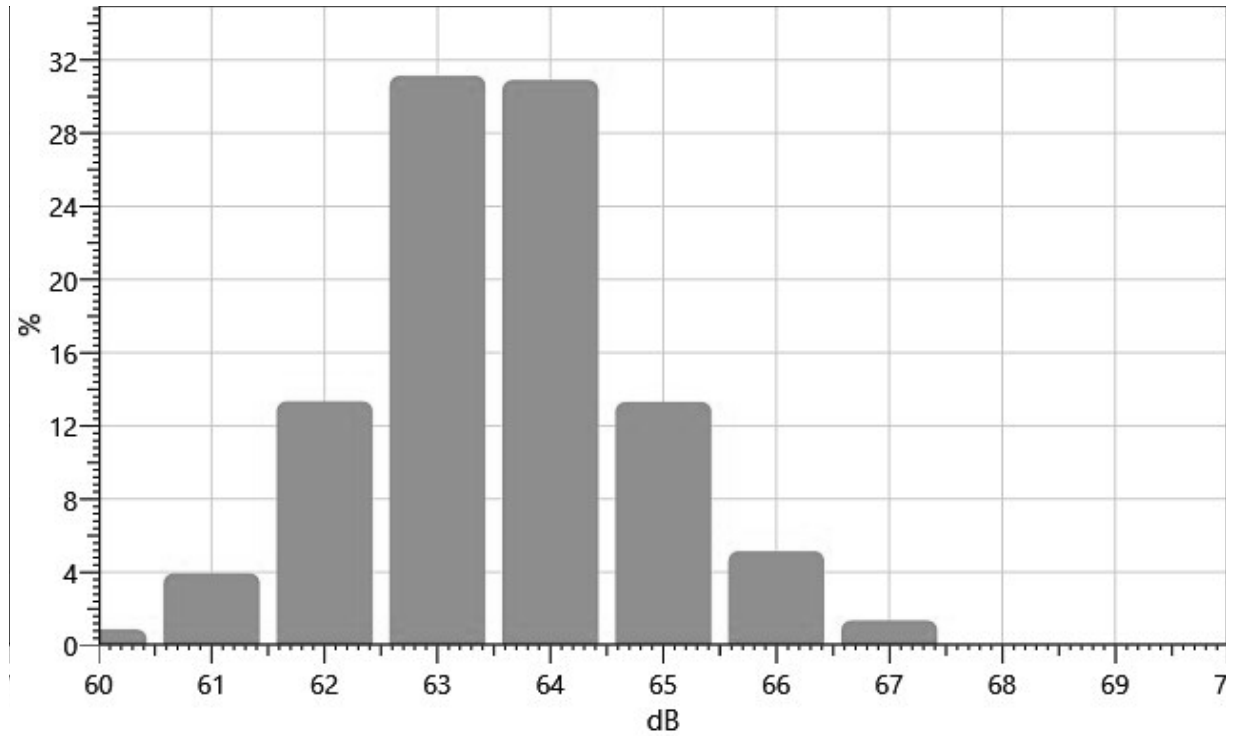
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	64.1 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
60:	0.00	0.00	0.00	0.15	0.13	0.09	0.09	0.16	0.16	0.10	0.87
61:	0.07	0.14	0.21	0.39	0.52	0.48	0.33	0.66	0.47	0.68	3.94
62:	0.72	0.89	1.17	1.00	1.16	1.26	1.67	1.54	1.66	2.27	13.34
63:	3.05	4.22	2.46	2.94	3.13	3.09	2.42	3.12	3.38	3.34	31.13
64:	3.30	3.88	3.82	3.79	3.27	2.61	2.81	2.68	2.39	2.36	30.90
65:	1.84	1.72	1.39	1.59	1.42	1.11	1.24	0.97	1.18	0.85	13.31
66:	0.90	0.89	0.62	0.55	0.23	0.38	0.29	0.49	0.45	0.36	5.15
67:	0.39	0.35	0.23	0.11	0.03	0.06	0.08	0.07	0.03	0.02	1.36

Statistics Chart

S002_BIF090005_30032022_222230: Statistics Chart

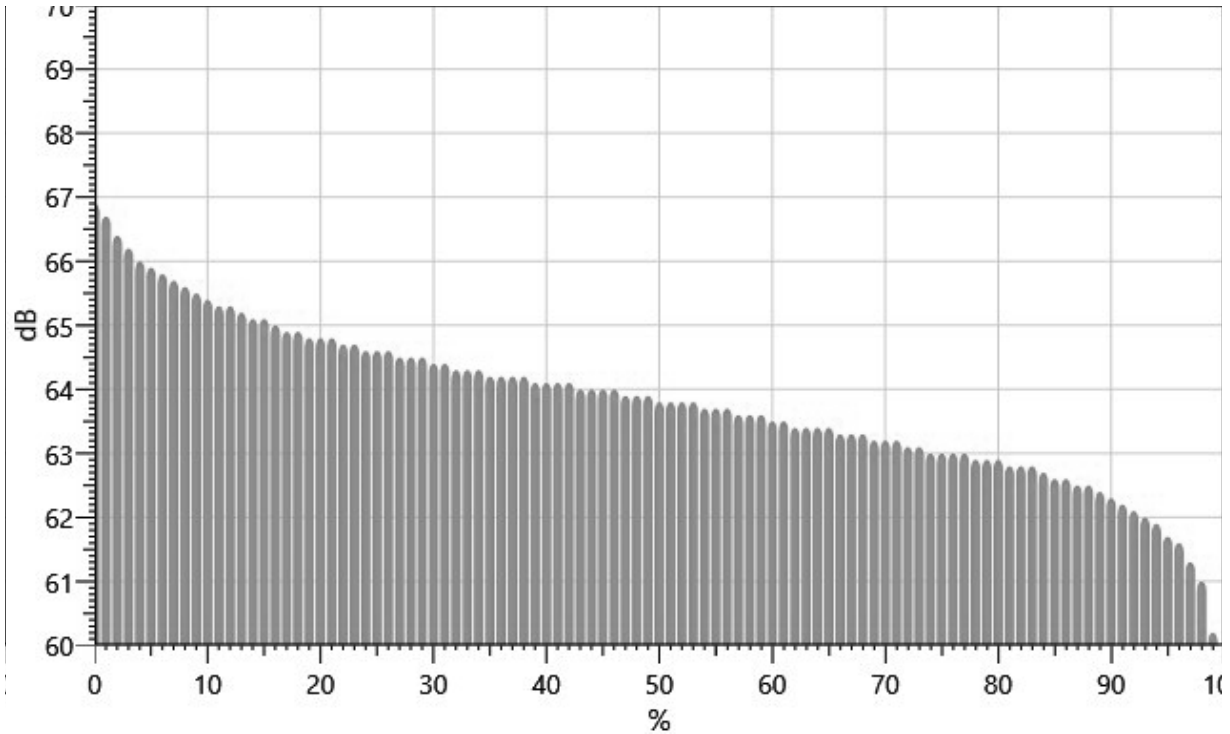


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		66.9	66.7	66.4	66.2	66.0	65.9	65.8	65.7	65.6
10%:	65.5	65.4	65.3	65.3	65.2	65.1	65.1	65.0	64.9	64.9
20%:	64.8	64.8	64.8	64.7	64.7	64.6	64.6	64.6	64.5	64.5
30%:	64.5	64.4	64.4	64.3	64.3	64.3	64.2	64.2	64.2	64.2
40%:	64.1	64.1	64.1	64.1	64.0	64.0	64.0	64.0	63.9	63.9
50%:	63.9	63.8	63.8	63.8	63.8	63.7	63.7	63.7	63.6	63.6
60%:	63.6	63.5	63.5	63.4	63.4	63.4	63.4	63.3	63.3	63.3
70%:	63.2	63.2	63.2	63.1	63.1	63.0	63.0	63.0	63.0	62.9
80%:	62.9	62.9	62.8	62.8	62.8	62.7	62.6	62.6	62.5	62.5
90%:	62.4	62.3	62.2	62.1	62.0	61.9	61.7	61.6	61.3	61.0
100%:	60.2									

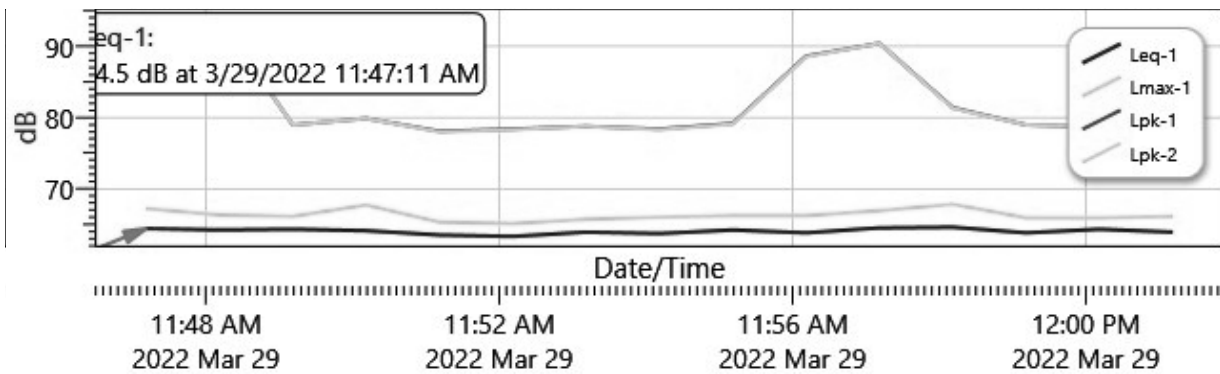
Exceedance Chart

S002_BIF090005_30032022_222230: Exceedance Chart



Logged Data Chart

S002_BIF090005_30032022_222230: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 11:47:11 AM	64.5	67.3	60.4	84.6
11:48:11 AM	64.3	66.4	62.5	93.8
11:49:11 AM	64.4	66.2	62.9	79
11:50:11 AM	64.2	67.8	60.3	79.9
11:51:11 AM	63.6	65.4	61.7	78.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
11:52:11 AM	63.4	65.2	61.2	78.4
11:53:11 AM	64	65.8	61.9	78.8
11:54:11 AM	63.8	66.1	61.2	78.4
11:55:11 AM	64.3	66.3	60.6	79.2
11:56:11 AM	63.9	66.3	61.8	88.6
11:57:11 AM	64.6	67	62.1	90.4
11:58:11 AM	64.7	67.9	61.1	81.4
11:59:11 AM	63.9	66	61.6	79
12:00:11 PM	64.4	66	62.4	78.7
12:01:11 PM	64	66.2	61.3	79.4

Session Report

3/31/2022

Information Panel

Name S057_BIF090003_30032022_215823
Start Time 3/29/2022 3:44:48 PM
Stop Time 3/29/2022 3:59:48 PM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter A 4:00p 3-29-22

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	83.6 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

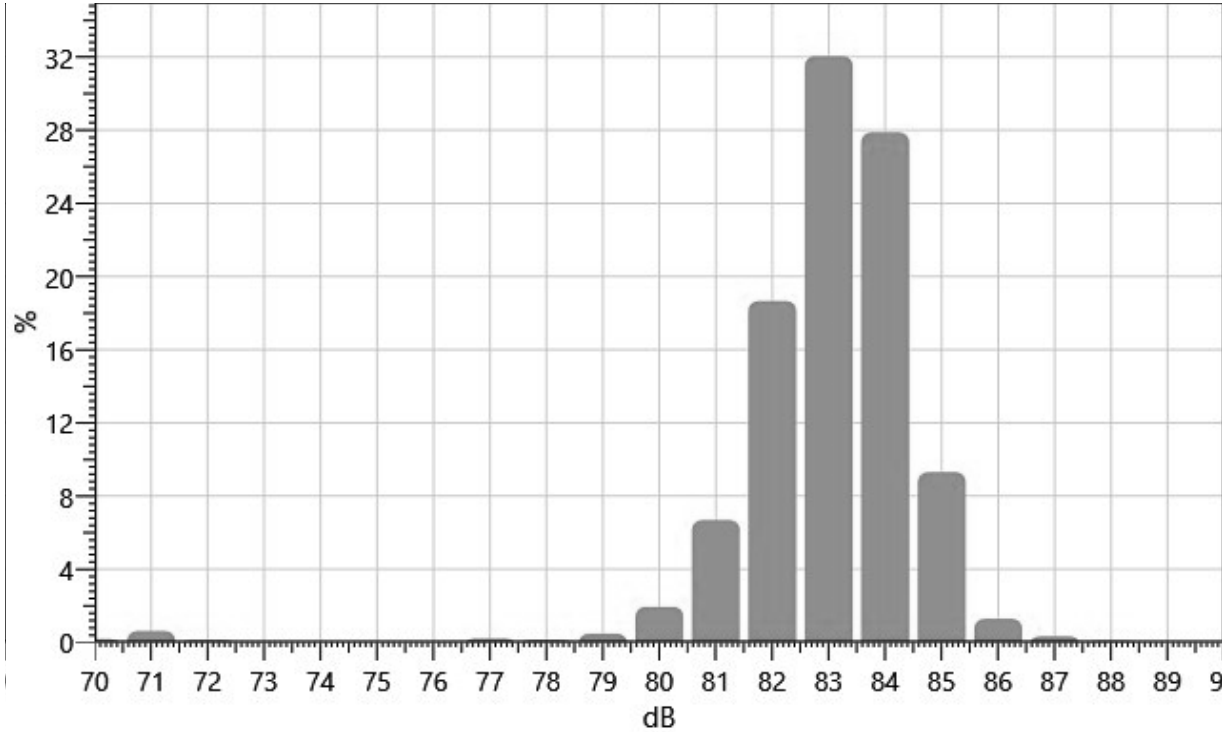
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
70:	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.02	0.01	0.18
71:	0.01	0.02	0.04	0.06	0.18	0.09	0.06	0.08	0.02	0.07	0.62
72:	0.06	0.01	0.02	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.13
73:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
74:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
75:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
76:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
77:	0.00	0.08	0.02	0.01	0.02	0.02	0.02	0.01	0.02	0.02	0.21
78:	0.02	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.14
79:	0.02	0.02	0.02	0.03	0.05	0.08	0.05	0.06	0.05	0.09	0.47
80:	0.09	0.06	0.11	0.13	0.13	0.12	0.33	0.33	0.30	0.35	1.94
81:	0.43	0.36	0.50	0.42	0.33	0.61	0.70	0.93	1.15	1.25	6.68
82:	1.56	1.49	1.83	1.68	1.59	2.09	1.91	2.02	2.20	2.28	18.66
83:	2.60	2.81	2.79	3.23	3.48	3.55	3.69	3.37	3.21	3.31	32.04

84:	3.20	2.99	3.31	3.65	2.29	2.46	2.52	2.40	2.59	2.48	27.88
85:	1.95	1.81	1.32	0.89	0.75	0.71	0.57	0.44	0.46	0.42	9.31
86:	0.27	0.18	0.20	0.10	0.11	0.13	0.08	0.09	0.05	0.07	1.29
87:	0.06	0.03	0.02	0.05	0.03	0.05	0.03	0.04	0.01	0.01	0.33
88:	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.09

Statistics Chart

S057_BIF090003_30032022_215823: Statistics Chart



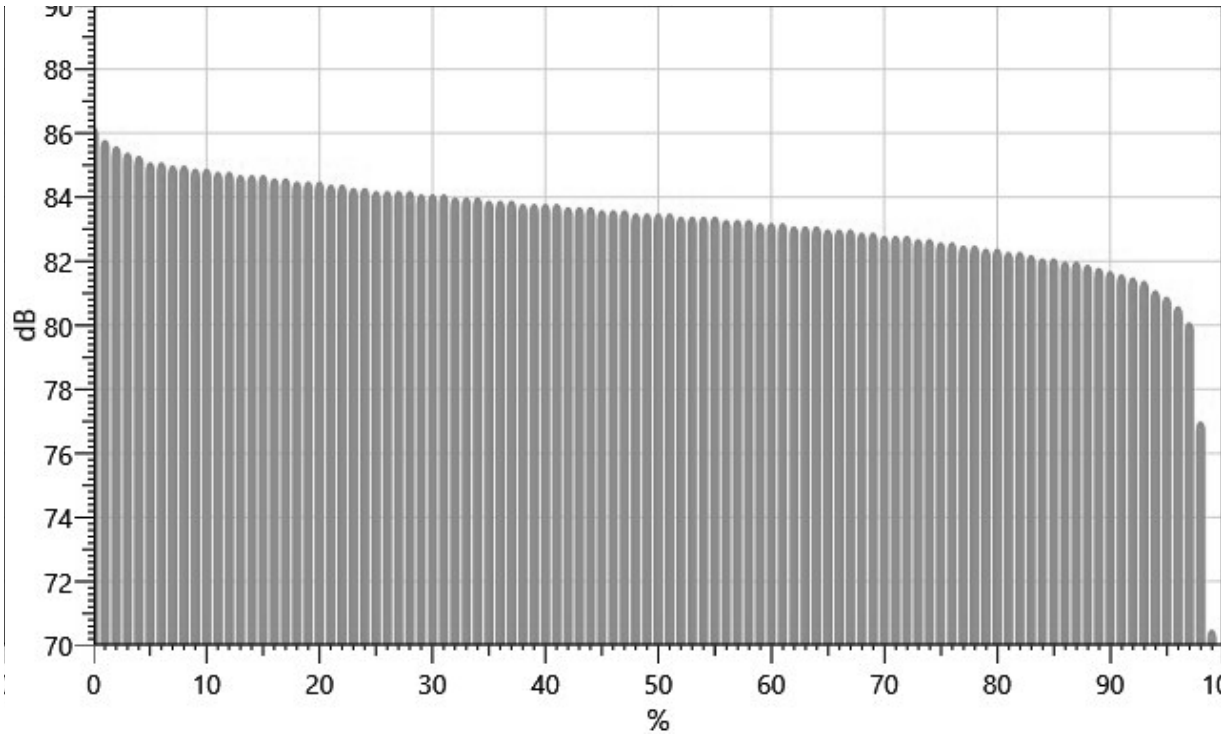
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		86.2	85.8	85.6	85.4	85.3	85.1	85.1	85.0	85.0
10%:	84.9	84.9	84.8	84.8	84.7	84.7	84.7	84.6	84.6	84.5
20%:	84.5	84.5	84.4	84.4	84.3	84.3	84.2	84.2	84.2	84.2
30%:	84.1	84.1	84.1	84.0	84.0	84.0	83.9	83.9	83.9	83.8
40%:	83.8	83.8	83.8	83.7	83.7	83.7	83.6	83.6	83.6	83.5
50%:	83.5	83.5	83.5	83.4	83.4	83.4	83.4	83.3	83.3	83.3
60%:	83.2	83.2	83.2	83.1	83.1	83.1	83.0	83.0	83.0	82.9
70%:	82.9	82.8	82.8	82.8	82.7	82.7	82.6	82.6	82.5	82.5
80%:	82.4	82.4	82.3	82.3	82.2	82.1	82.1	82.0	82.0	81.9
90%:	81.8	81.7	81.6	81.5	81.4	81.1	80.9	80.6	80.1	77.0

100%: 70.5

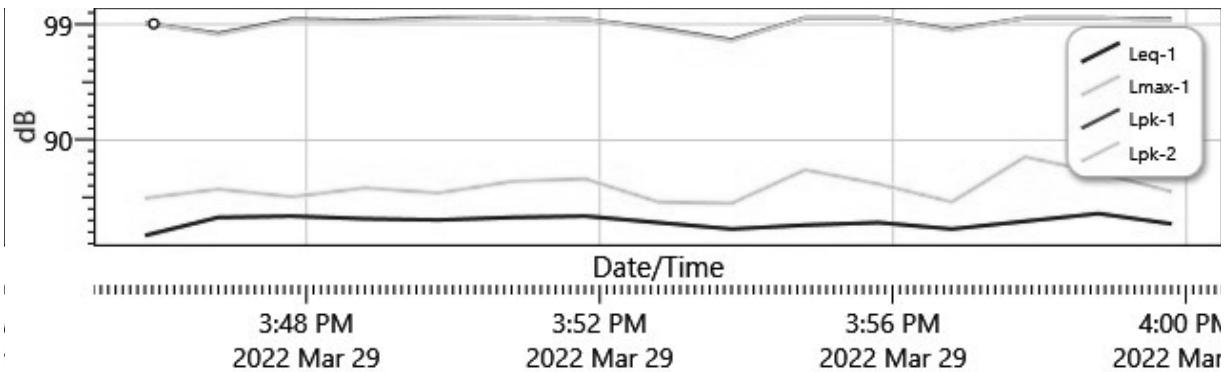
Exceedance Chart

S057_BIF090003_30032022_215823: Exceedance Chart



Logged Data Chart

S057_BIF090003_30032022_215823: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 3:45:48 PM	82.6	85.5	70.6	99.1
3:46:48 PM	84	86.2	81.5	98.3
3:47:48 PM	84.1	85.6	82.4	99.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:48:48 PM	83.9	86.3	80.9	99.3
3:49:48 PM	83.8	85.9	80.8	99.5
3:50:48 PM	84	86.8	80.1	99.5
3:51:48 PM	84.1	87	81	99.4
3:52:48 PM	83.6	85.2	80.7	98.7
3:53:48 PM	83.1	85.1	79.2	97.8
3:54:48 PM	83.4	87.7	79.9	99.5
3:55:48 PM	83.6	86.6	79.5	99.5
3:56:48 PM	83.1	85.2	77.1	98.6
3:57:48 PM	83.7	88.7	80.6	99.5
3:58:48 PM	84.3	87.5	81.5	99.5
3:59:48 PM	83.5	86	80.6	99.4

Session Report

3/31/2022

Information Panel

Name S033_BIH050001_30032022_220222
Start Time 3/29/2022 3:43:50 PM
Stop Time 3/29/2022 3:58:50 PM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter B 4:00p 3-29-22

Summary Data Panel

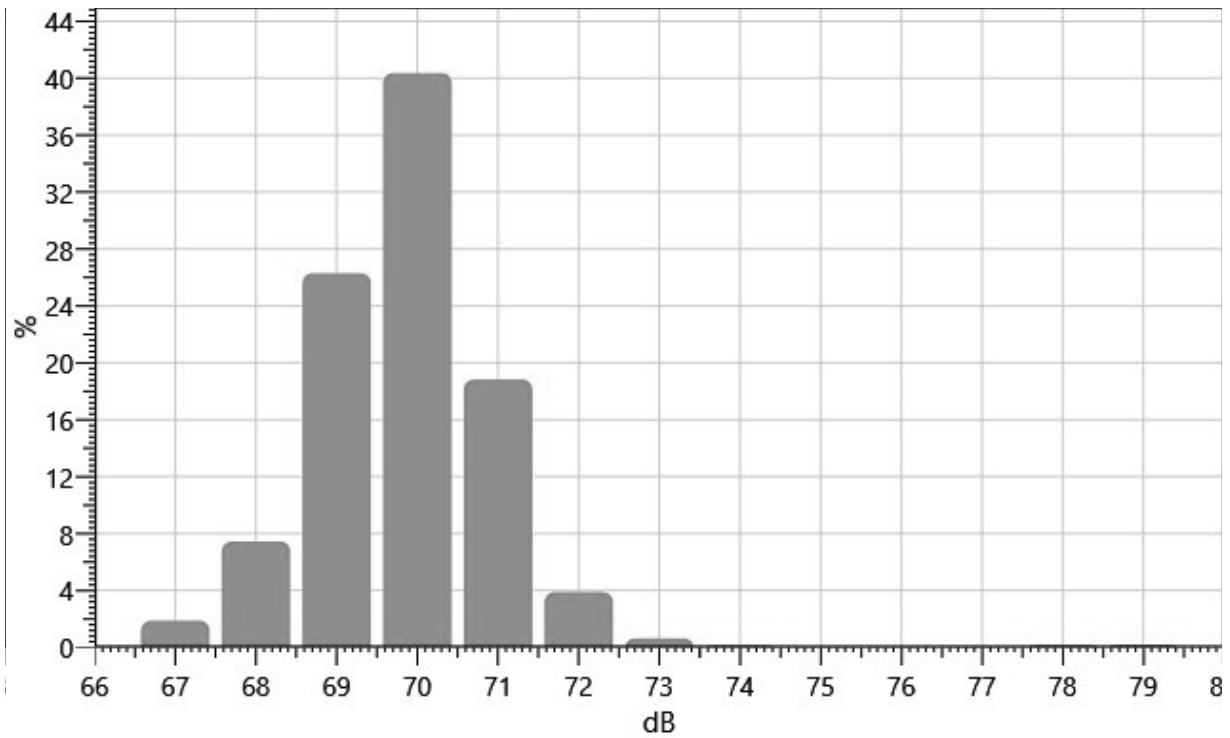
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	70.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
66:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
67:	0.05	0.11	0.15	0.13	0.12	0.15	0.25	0.25	0.23	0.44	1.87
68:	0.51	0.54	0.63	0.65	0.71	0.59	0.60	0.86	1.23	1.13	7.44
69:	1.66	2.24	2.20	2.42	2.37	2.51	2.75	3.35	3.22	3.58	26.30
70:	4.09	4.37	4.72	4.45	4.47	4.18	3.82	3.41	3.41	3.44	40.36
71:	3.60	3.48	1.91	1.98	1.66	1.58	1.49	1.21	0.90	1.01	18.83
72:	0.72	0.69	0.56	0.49	0.56	0.22	0.24	0.19	0.14	0.08	3.88
73:	0.05	0.04	0.05	0.06	0.05	0.04	0.06	0.05	0.12	0.12	0.64
74:	0.03	0.05	0.02	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.15
75:	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.05
76:	0.01	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.04
77:	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.04
78:	0.00	0.01	0.00	0.01	0.02	0.03	0.02	0.03	0.02	0.02	0.17
79:	0.02	0.02	0.04	0.01	0.03	0.06	0.00	0.00	0.00	0.00	0.19

Statistics Chart

S033_BIH050001_30032022_220222: Statistics Chart

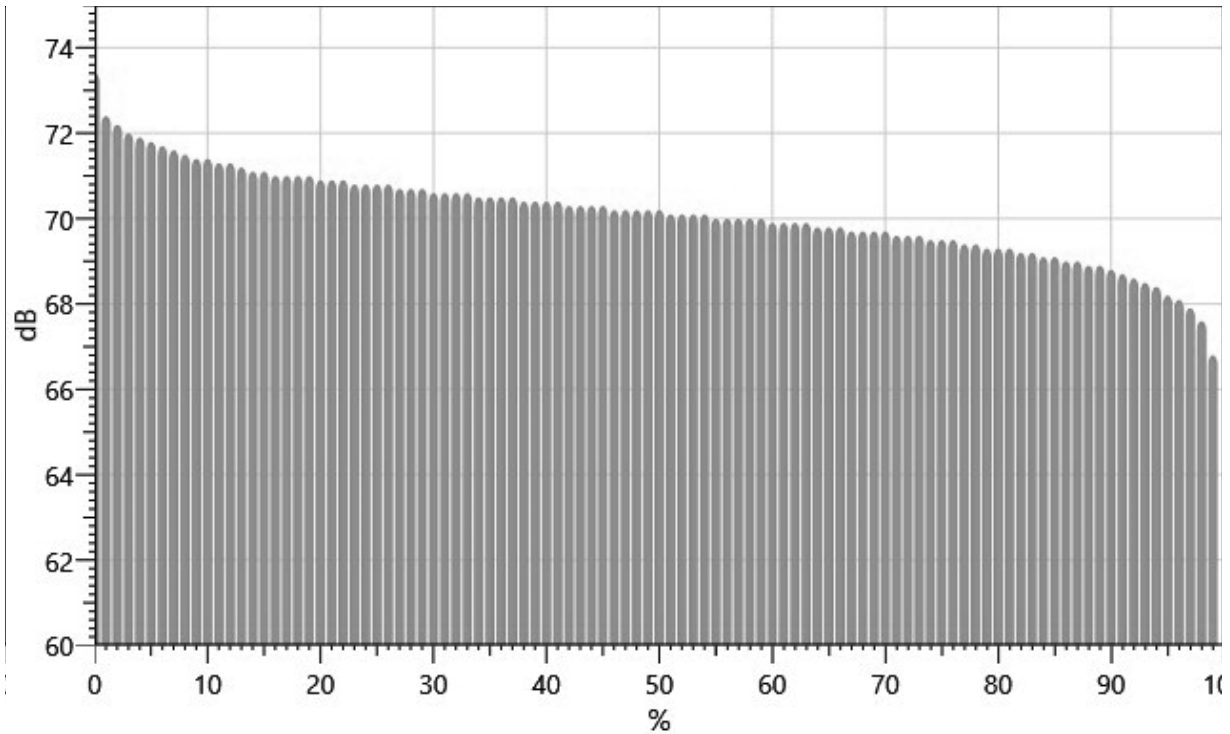


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		73.4	72.4	72.2	72.0	71.9	71.8	71.7	71.6	71.5
10%:	71.4	71.4	71.3	71.3	71.2	71.1	71.1	71.0	71.0	71.0
20%:	71.0	70.9	70.9	70.9	70.8	70.8	70.8	70.8	70.7	70.7
30%:	70.7	70.6	70.6	70.6	70.6	70.5	70.5	70.5	70.5	70.4
40%:	70.4	70.4	70.4	70.3	70.3	70.3	70.3	70.2	70.2	70.2
50%:	70.2	70.2	70.1	70.1	70.1	70.1	70.0	70.0	70.0	70.0
60%:	70.0	69.9	69.9	69.9	69.9	69.8	69.8	69.8	69.7	69.7
70%:	69.7	69.7	69.6	69.6	69.6	69.5	69.5	69.5	69.4	69.4
80%:	69.3	69.3	69.3	69.2	69.2	69.1	69.1	69.0	69.0	68.9
90%:	68.9	68.8	68.7	68.6	68.5	68.4	68.2	68.1	67.9	67.6
100%:	66.8									

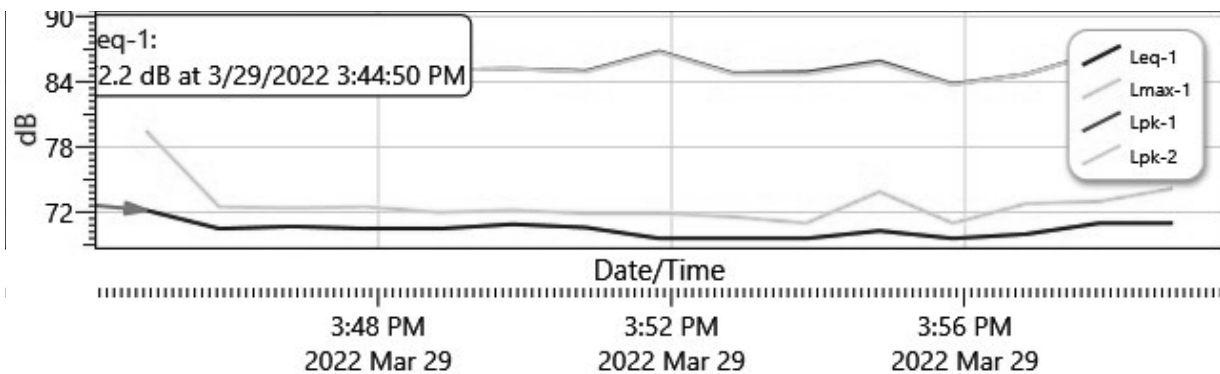
Exceedance Chart

S033_BIH050001_30032022_220222: Exceedance Chart



Logged Data Chart

S033_BIH050001_30032022_220222: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 3:44:50 PM	72.2	79.5	68.7	89.6
3:45:50 PM	70.5	72.5	68.8	86.3
3:46:50 PM	70.7	72.4	69.3	84.9
3:47:50 PM	70.5	72.5	69.1	86.6
3:48:50 PM	70.5	72	68.9	85.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:49:50 PM	70.9	72.2	69.3	85.2
3:50:50 PM	70.6	71.9	69.1	85
3:51:50 PM	69.6	71.9	67.5	86.8
3:52:50 PM	69.6	71.6	68	84.8
3:53:50 PM	69.6	71	66.9	84.9
3:54:50 PM	70.3	73.9	67.8	85.9
3:55:50 PM	69.6	71	67.1	83.8
3:56:50 PM	70	72.8	68.4	84.7
3:57:50 PM	71	73	68.4	86.7
3:58:50 PM	71	74.2	68.7	86.3

Session Report

3/31/2022

Information Panel

Name S073_BIG080015_30032022_220748
Start Time 3/29/2022 3:43:48 PM
Stop Time 3/29/2022 3:58:48 PM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter C 4p 3-29-22

Summary Data Panel

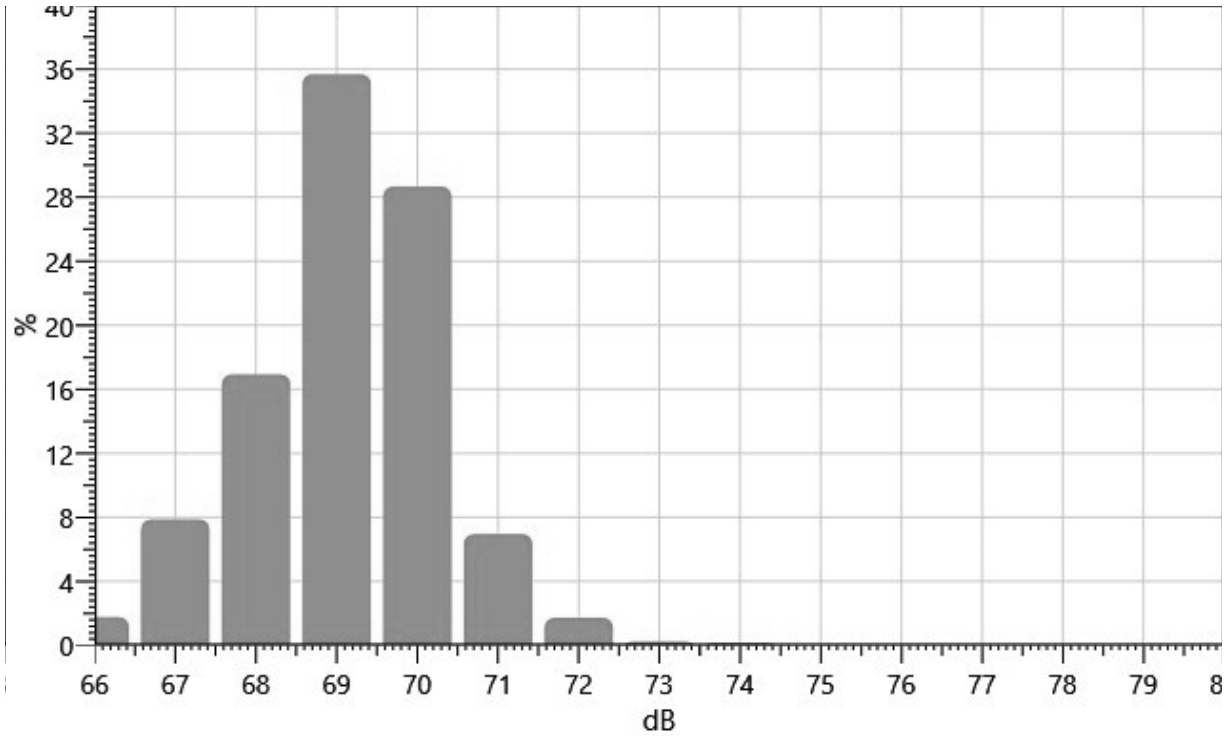
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	69.7 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
66:	0.00	0.00	0.11	0.20	0.11	0.22	0.26	0.20	0.26	0.41	1.77
67:	0.20	0.28	0.46	0.64	1.05	0.93	0.95	1.18	1.13	1.05	7.86
68:	1.56	1.30	1.01	1.66	1.57	1.49	1.73	1.73	2.12	2.77	16.94
69:	2.89	2.99	3.14	4.28	4.39	4.13	4.00	3.49	3.38	3.00	35.69
70:	3.35	3.29	3.86	2.85	2.79	2.61	2.79	2.72	2.31	2.10	28.66
71:	1.48	1.30	0.60	0.92	0.62	0.51	0.35	0.36	0.42	0.40	6.95
72:	0.39	0.27	0.30	0.25	0.19	0.16	0.10	0.02	0.02	0.02	1.72
73:	0.02	0.02	0.02	0.02	0.04	0.03	0.03	0.03	0.02	0.02	0.24
74:	0.02	0.02	0.01	0.01	0.03	0.03	0.04	0.00	0.00	0.00	0.16

Statistics Chart

S073_BIG080015_30032022_220748: Statistics Chart

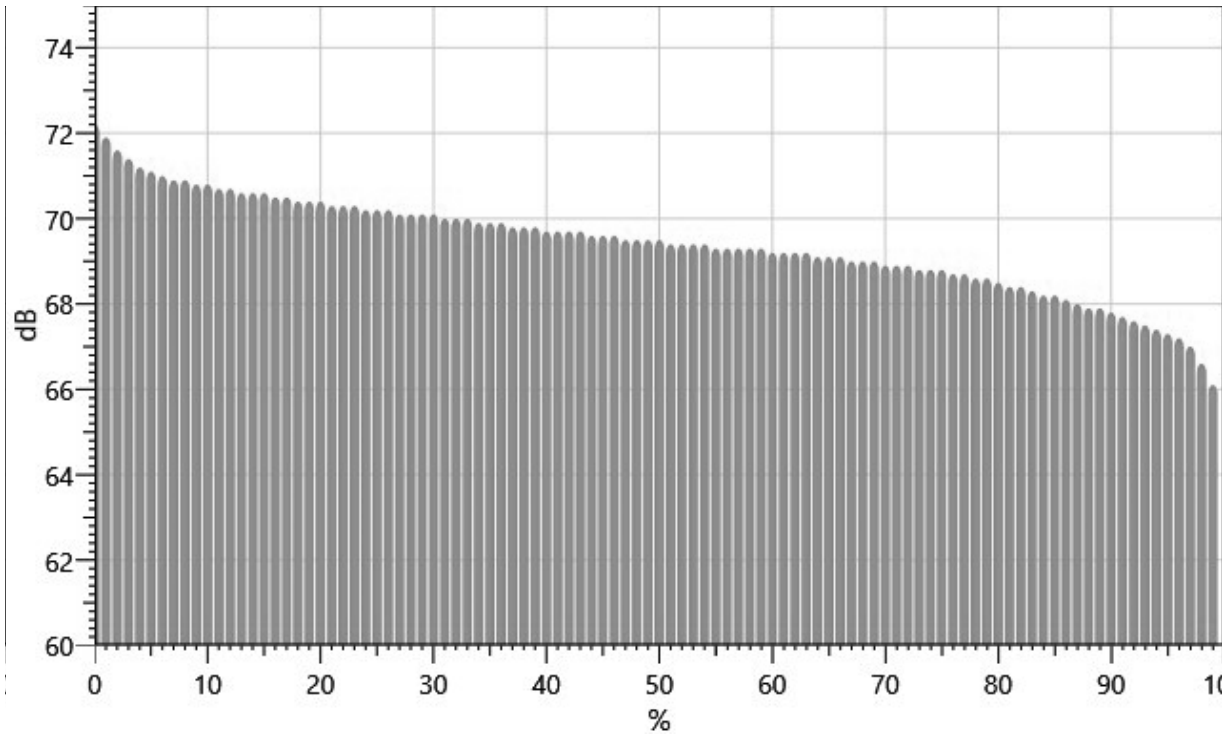


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		72.2	71.9	71.6	71.4	71.2	71.1	71.0	70.9	70.9
10%:	70.8	70.8	70.7	70.7	70.6	70.6	70.6	70.5	70.5	70.4
20%:	70.4	70.4	70.3	70.3	70.3	70.2	70.2	70.2	70.1	70.1
30%:	70.1	70.1	70.0	70.0	70.0	69.9	69.9	69.9	69.8	69.8
40%:	69.8	69.7	69.7	69.7	69.7	69.6	69.6	69.6	69.5	69.5
50%:	69.5	69.5	69.4	69.4	69.4	69.4	69.3	69.3	69.3	69.3
60%:	69.3	69.2	69.2	69.2	69.2	69.1	69.1	69.1	69.0	69.0
70%:	69.0	68.9	68.9	68.9	68.8	68.8	68.8	68.7	68.7	68.6
80%:	68.6	68.5	68.4	68.4	68.3	68.2	68.2	68.1	68.0	67.9
90%:	67.9	67.8	67.7	67.6	67.5	67.4	67.3	67.2	67.0	66.6
100%:	66.1									

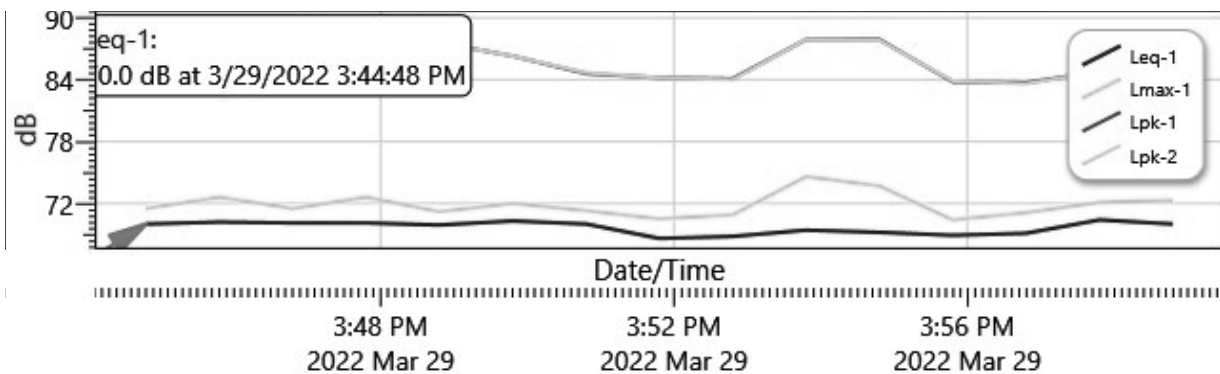
Exceedance Chart

S073_BIG080015_30032022_220748: Exceedance Chart



Logged Data Chart

S073_BIG080015_30032022_220748: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 3:44:48 PM	70	71.5	68.1	89.7
3:45:48 PM	70.2	72.6	68.2	85.4
3:46:48 PM	70.1	71.5	69.2	84.7
3:47:48 PM	70.1	72.6	68.3	85.2
3:48:48 PM	69.9	71.2	68.1	87.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:49:48 PM	70.3	72	68.8	86.3
3:50:48 PM	70	71.3	68.7	84.6
3:51:48 PM	68.6	70.5	66.3	84.2
3:52:48 PM	68.8	70.9	67.2	84.1
3:53:48 PM	69.4	74.6	66.2	87.9
3:54:48 PM	69.2	73.7	66.8	87.9
3:55:48 PM	68.9	70.4	66.2	83.8
3:56:48 PM	69.1	71.1	67.3	83.7
3:57:48 PM	70.4	72.1	67.8	84.8
3:58:48 PM	70	72.3	67.7	84.7

Session Report

3/31/2022

Information Panel

Name S365_BIF030001_30032022_221207
Start Time 3/29/2022 3:44:10 PM
Stop Time 3/29/2022 3:59:10 PM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter D 4p 3-29-22

Summary Data Panel

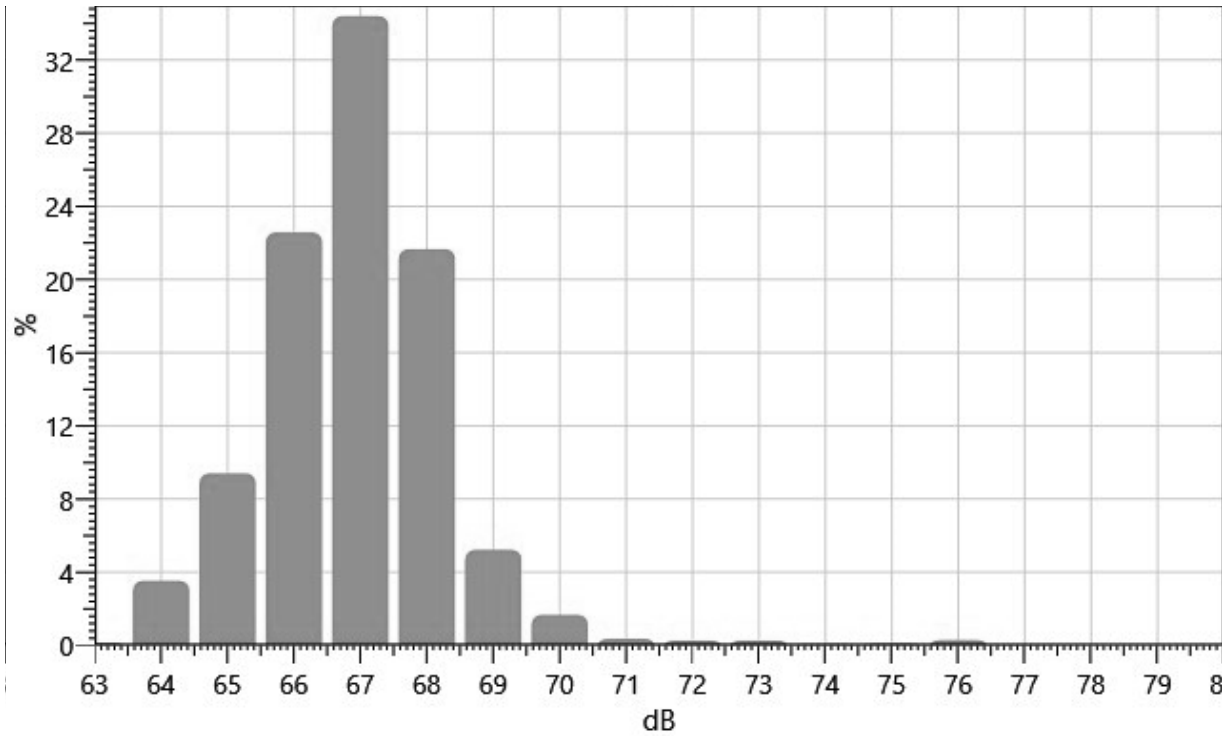
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	67.6 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
63:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.05	0.15
64:	0.17	0.24	0.13	0.08	0.26	0.31	0.49	0.52	0.76	0.58	3.54
65:	0.83	0.82	0.80	0.94	1.11	1.04	0.82	0.93	0.91	1.21	9.40
66:	1.47	1.76	1.39	1.79	1.83	2.39	2.67	2.71	3.24	3.33	22.58
67:	3.75	4.18	3.09	4.01	3.53	3.69	2.96	3.07	3.52	2.60	34.40
68:	2.81	2.95	2.71	2.44	2.59	2.29	1.97	1.50	1.07	1.33	21.67
69:	0.91	0.76	0.81	0.58	0.48	0.35	0.31	0.33	0.38	0.30	5.22
70:	0.34	0.32	0.12	0.12	0.10	0.19	0.19	0.18	0.06	0.06	1.67
71:	0.07	0.05	0.04	0.05	0.06	0.05	0.01	0.02	0.02	0.01	0.36
72:	0.02	0.03	0.03	0.02	0.02	0.02	0.04	0.03	0.02	0.03	0.26
73:	0.04	0.06	0.05	0.06	0.01	0.01	0.01	0.01	0.01	0.01	0.26
74:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
75:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.10
76:	0.02	0.01	0.02	0.02	0.01	0.01	0.02	0.07	0.06	0.05	0.29

Statistics Chart

S365_BIF030001_30032022_221207: Statistics Chart

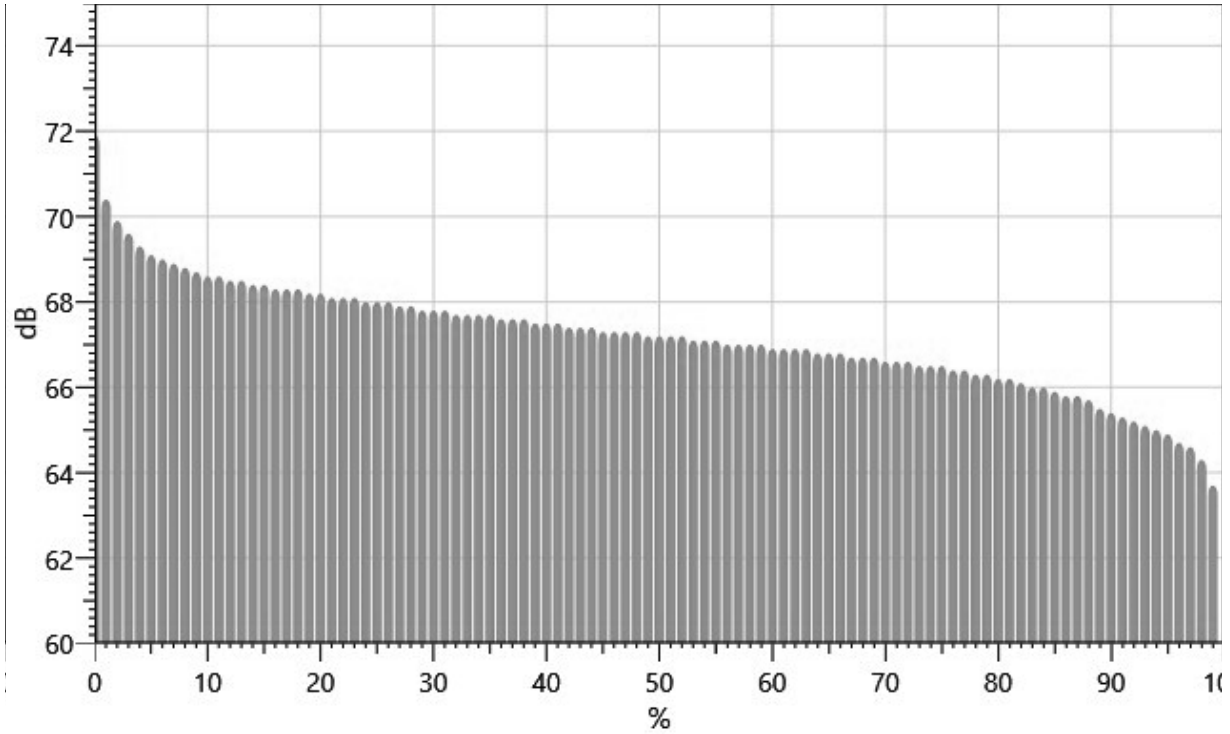


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		71.9	70.4	69.9	69.6	69.3	69.1	69.0	68.9	68.8
10%:	68.7	68.6	68.6	68.5	68.5	68.4	68.4	68.3	68.3	68.3
20%:	68.2	68.2	68.1	68.1	68.1	68.0	68.0	68.0	67.9	67.9
30%:	67.8	67.8	67.8	67.7	67.7	67.7	67.7	67.6	67.6	67.6
40%:	67.5	67.5	67.5	67.4	67.4	67.4	67.3	67.3	67.3	67.3
50%:	67.2	67.2	67.2	67.2	67.1	67.1	67.1	67.0	67.0	67.0
60%:	67.0	66.9	66.9	66.9	66.9	66.8	66.8	66.8	66.7	66.7
70%:	66.7	66.6	66.6	66.6	66.5	66.5	66.5	66.4	66.4	66.3
80%:	66.3	66.2	66.2	66.1	66.0	66.0	65.9	65.8	65.8	65.7
90%:	65.5	65.4	65.3	65.2	65.1	65.0	64.9	64.7	64.6	64.3
100%:	63.7									

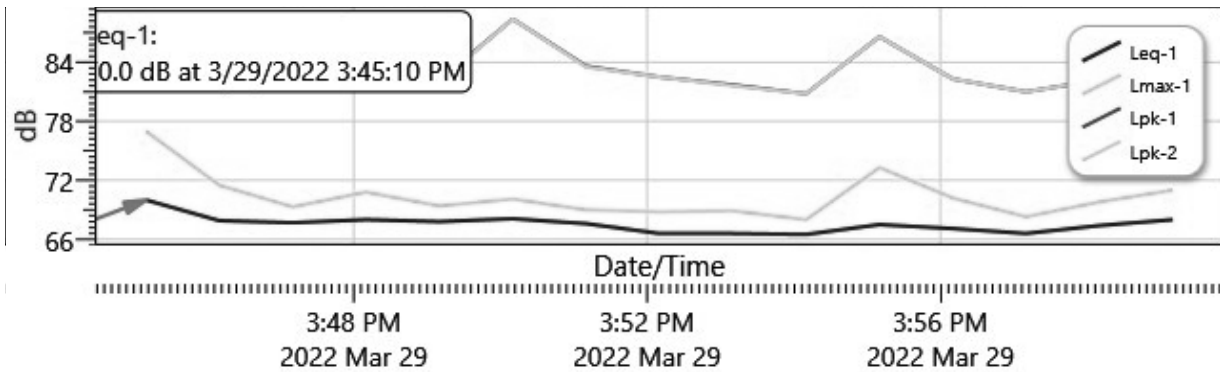
Exceedance Chart

S365_BIF030001_30032022_221207: Exceedance Chart



Logged Data Chart

S365_BIF030001_30032022_221207: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 3:45:10 PM	70	77	66.7	88.6
3:46:10 PM	67.9	71.5	65.5	84.1
3:47:10 PM	67.7	69.3	66.1	82.3
3:48:10 PM	68	70.8	66.4	83.5
3:49:10 PM	67.8	69.4	66.5	82.1

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:50:10 PM	68.1	70.1	66.7	88.4
3:51:10 PM	67.6	69	66.2	83.6
3:52:10 PM	66.6	68.8	64	82.5
3:53:10 PM	66.6	68.9	64	81.7
3:54:10 PM	66.5	68	64.5	80.8
3:55:10 PM	67.5	73.3	64.3	86.6
3:56:10 PM	67.1	70.2	63.8	82.3
3:57:10 PM	66.6	68.3	64.4	81
3:58:10 PM	67.4	69.8	64.8	82.2
3:59:10 PM	68	71	66	82.4

Session Report

3/31/2022

Information Panel

Name S003_BIF090005_30032022_222232
Start Time 3/29/2022 3:43:28 PM
Stop Time 3/29/2022 3:58:28 PM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter E 4p 3-29-22

Summary Data Panel

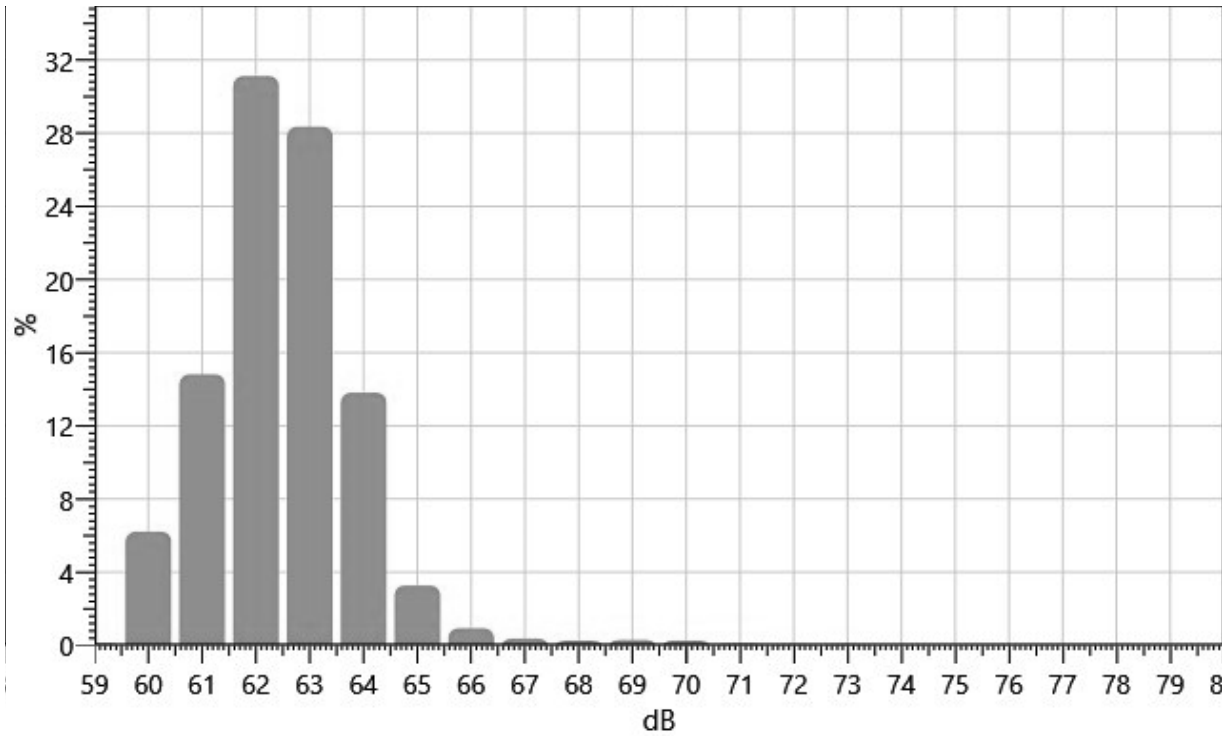
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	63.2 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
59:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.10
60:	0.11	0.27	0.16	0.45	0.91	1.01	0.89	0.85	0.72	0.84	6.21
61:	1.19	1.30	1.69	1.44	1.01	1.22	1.48	1.52	1.98	1.99	14.81
62:	1.85	2.56	3.21	3.01	3.15	3.15	3.13	3.42	3.65	3.98	31.12
63:	3.59	3.55	2.32	2.78	2.98	2.57	2.88	2.44	2.49	2.74	28.35
64:	2.00	1.82	1.71	1.60	1.57	1.49	1.29	1.14	0.73	0.47	13.81
65:	0.60	0.34	0.34	0.41	0.39	0.37	0.29	0.21	0.21	0.11	3.28
66:	0.18	0.18	0.11	0.15	0.06	0.04	0.07	0.06	0.05	0.03	0.93
67:	0.03	0.05	0.04	0.05	0.05	0.02	0.03	0.03	0.03	0.02	0.37
68:	0.02	0.04	0.02	0.03	0.03	0.02	0.02	0.04	0.02	0.01	0.26
69:	0.02	0.03	0.03	0.02	0.03	0.03	0.04	0.04	0.03	0.03	0.30
70:	0.04	0.02	0.03	0.06	0.03	0.02	0.02	0.01	0.02	0.01	0.26
71:	0.03	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.08
72:	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06

Statistics Chart

S003_BIF090005_30032022_222232: Statistics Chart

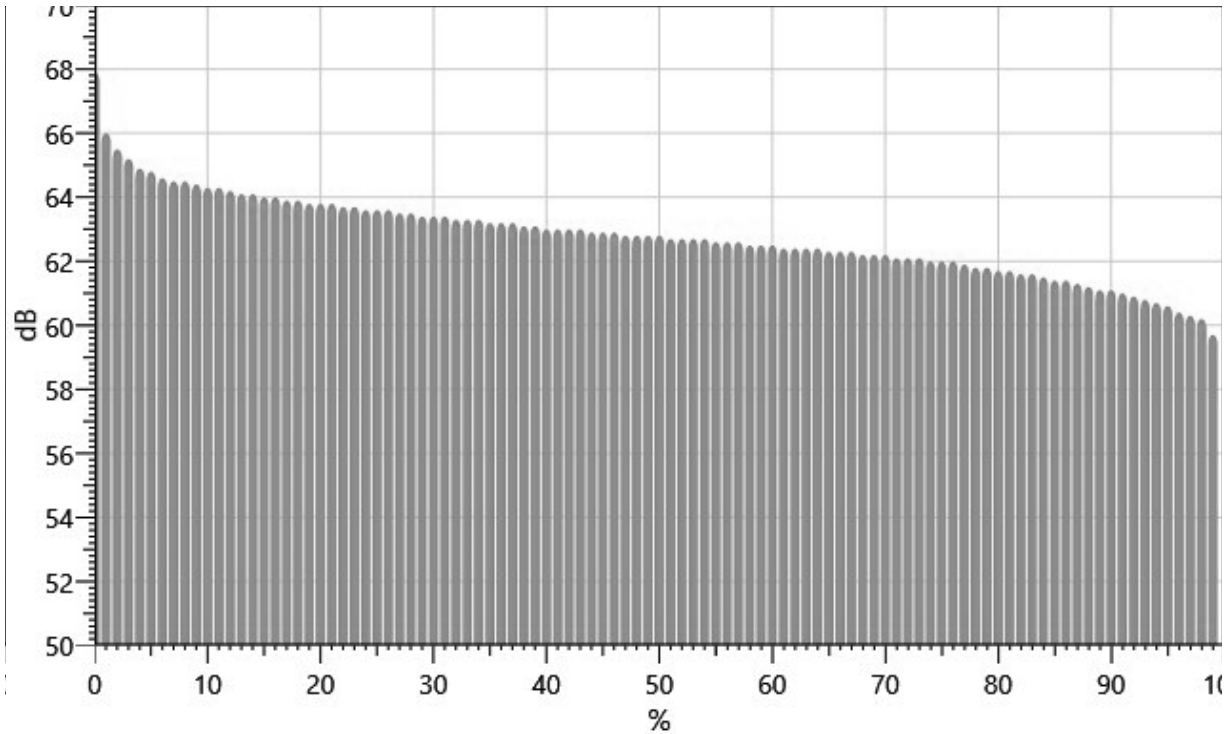


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		67.9	66.0	65.5	65.2	64.9	64.8	64.6	64.5	64.5
10%:	64.4	64.3	64.3	64.2	64.1	64.1	64.0	64.0	63.9	63.9
20%:	63.8	63.8	63.8	63.7	63.7	63.6	63.6	63.6	63.5	63.5
30%:	63.4	63.4	63.4	63.3	63.3	63.3	63.2	63.2	63.2	63.1
40%:	63.1	63.0	63.0	63.0	63.0	62.9	62.9	62.9	62.8	62.8
50%:	62.8	62.8	62.7	62.7	62.7	62.7	62.6	62.6	62.6	62.5
60%:	62.5	62.5	62.4	62.4	62.4	62.4	62.3	62.3	62.3	62.2
70%:	62.2	62.2	62.1	62.1	62.1	62.0	62.0	62.0	61.9	61.8
80%:	61.8	61.7	61.7	61.6	61.6	61.5	61.4	61.4	61.3	61.2
90%:	61.1	61.1	61.0	60.9	60.8	60.7	60.6	60.4	60.3	60.2
100%:	59.7									

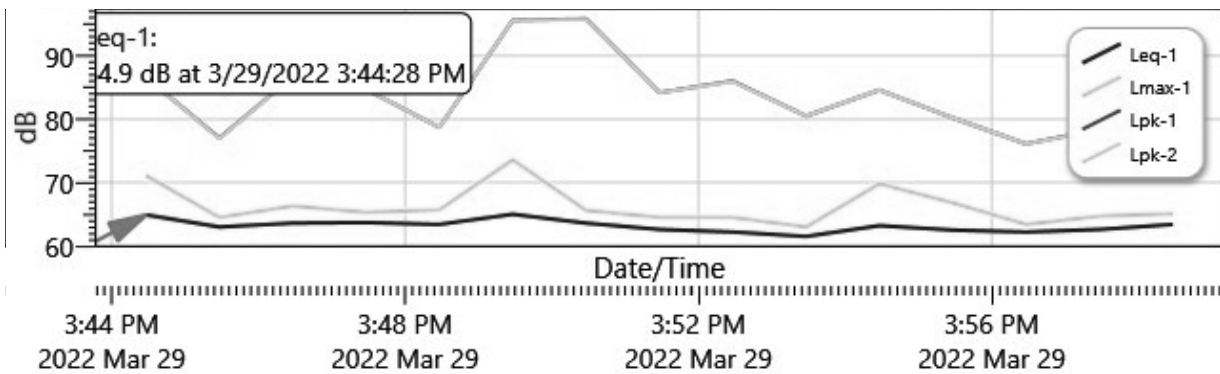
Exceedance Chart

S003_BIF090005_30032022_222232: Exceedance Chart



Logged Data Chart

S003_BIF090005_30032022_222232: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/29/2022 3:44:28 PM	64.9	71.1	62.5	86.6
3:45:28 PM	63	64.5	61.3	77
3:46:28 PM	63.6	66.3	61.7	86.7
3:47:28 PM	63.7	65.3	62.3	84.7
3:48:28 PM	63.4	65.7	62	78.7

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3:49:28 PM	65	73.6	62.4	95.6
3:50:28 PM	63.6	65.6	62.4	95.8
3:51:28 PM	62.6	64.5	60.3	84.2
3:52:28 PM	62.2	64.5	59.8	86
3:53:28 PM	61.5	63	60.3	80.5
3:54:28 PM	63.2	69.8	60.5	84.6
3:55:28 PM	62.5	66.8	60.2	80.2
3:56:28 PM	62.2	63.4	60.2	76.1
3:57:28 PM	62.6	64.7	60.3	78.4
3:58:28 PM	63.4	65.1	61.1	78.1

Session Report

3/31/2022

Information Panel

Name S058_BIF090003_30032022_215825
Start Time 3/30/2022 8:27:32 AM
Stop Time 3/30/2022 8:42:32 AM
Device Name BIF090003
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter A 8:23a 3-30-22

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	84.6 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

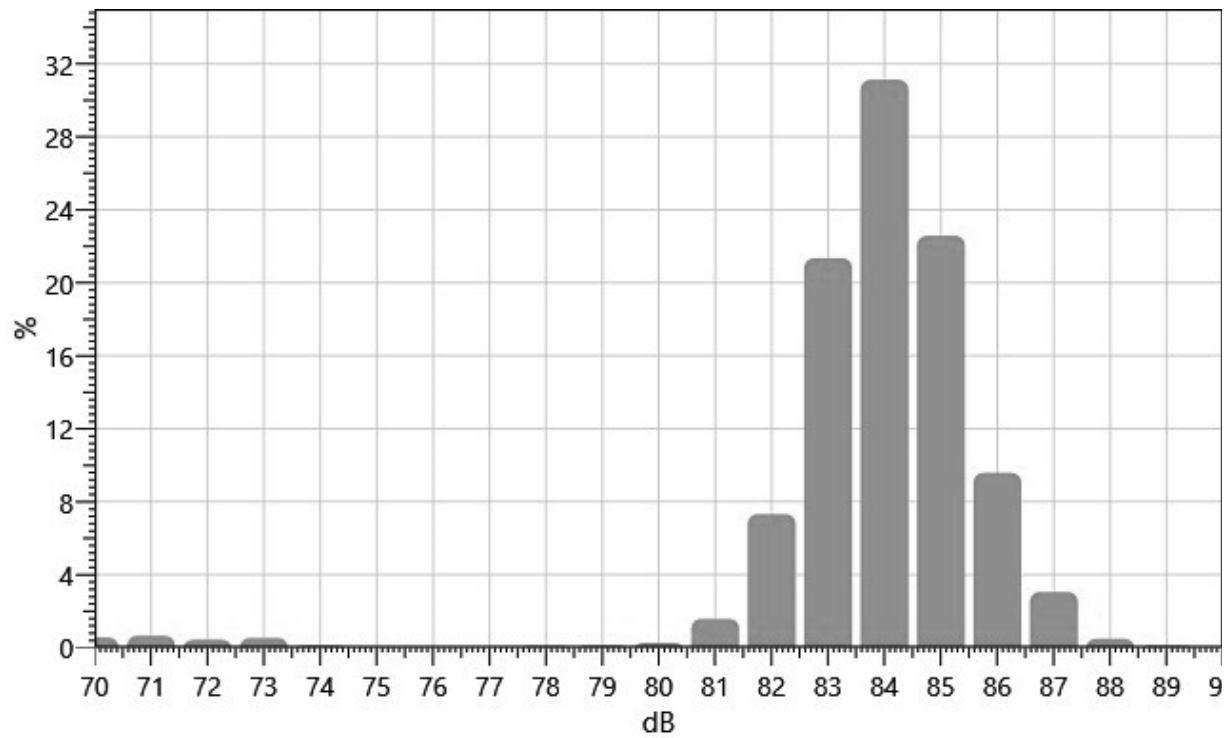
Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
70:	0.00	0.01	0.16	0.10	0.14	0.03	0.03	0.02	0.04	0.04	0.55
71:	0.03	0.02	0.07	0.06	0.06	0.14	0.08	0.07	0.04	0.06	0.64
72:	0.04	0.02	0.01	0.06	0.06	0.07	0.04	0.03	0.05	0.05	0.44
73:	0.04	0.05	0.06	0.06	0.09	0.06	0.09	0.06	0.02	0.01	0.54
74:	0.01	0.01	0.05	0.03	0.01	0.00	0.01	0.00	0.00	0.00	0.13
75:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
76:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
77:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
78:	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.02	0.02	0.02	0.10
79:	0.01	0.02	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.13
80:	0.01	0.01	0.01	0.02	0.04	0.03	0.02	0.03	0.03	0.06	0.26
81:	0.06	0.06	0.12	0.17	0.06	0.08	0.10	0.20	0.31	0.41	1.58
82:	0.31	0.42	0.47	0.63	0.68	0.85	0.72	1.03	0.98	1.23	7.32
83:	1.52	1.57	1.89	1.69	1.92	2.39	2.45	2.40	2.68	2.85	21.35

84:	2.97	2.87	3.38	3.31	2.38	3.10	3.14	3.63	3.27	3.09	31.12
85:	2.52	2.88	2.73	2.50	2.22	2.28	2.26	2.19	1.65	1.34	22.58
86:	1.17	0.97	0.98	0.95	1.15	1.04	1.02	0.77	0.88	0.63	9.58
87:	0.61	0.48	0.36	0.31	0.18	0.19	0.21	0.19	0.26	0.26	3.05
88:	0.09	0.09	0.10	0.10	0.06	0.02	0.01	0.01	0.01	0.01	0.49
89:	0.01	0.01	0.01	0.01	0.01	0.02	0.05	0.00	0.00	0.00	0.12

Statistics Chart

S058_BIF090003_30032022_215825: Statistics Chart



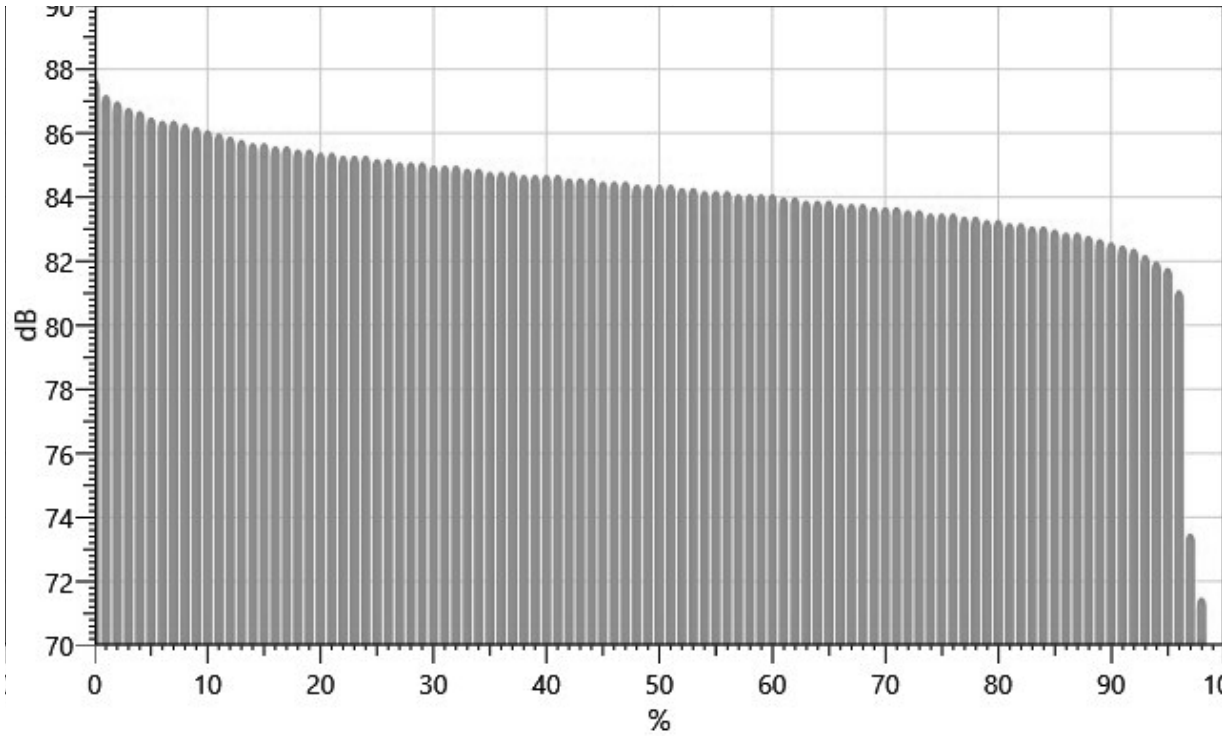
Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		87.7	87.2	87.0	86.8	86.7	86.5	86.4	86.4	86.3
10%:	86.2	86.1	86.0	85.9	85.8	85.7	85.7	85.6	85.6	85.5
20%:	85.5	85.4	85.4	85.3	85.3	85.3	85.2	85.2	85.1	85.1
30%:	85.1	85.0	85.0	85.0	84.9	84.9	84.8	84.8	84.8	84.7
40%:	84.7	84.7	84.7	84.6	84.6	84.6	84.5	84.5	84.5	84.4
50%:	84.4	84.4	84.4	84.3	84.3	84.2	84.2	84.2	84.1	84.1
60%:	84.1	84.1	84.0	84.0	83.9	83.9	83.9	83.8	83.8	83.8
70%:	83.7	83.7	83.7	83.6	83.6	83.5	83.5	83.5	83.4	83.4
80%:	83.3	83.3	83.2	83.2	83.1	83.1	83.0	82.9	82.9	82.8

90%: 82.7 82.6 82.5 82.4 82.2 82.0 81.8 81.1 73.5 71.5
 100%: 70.0

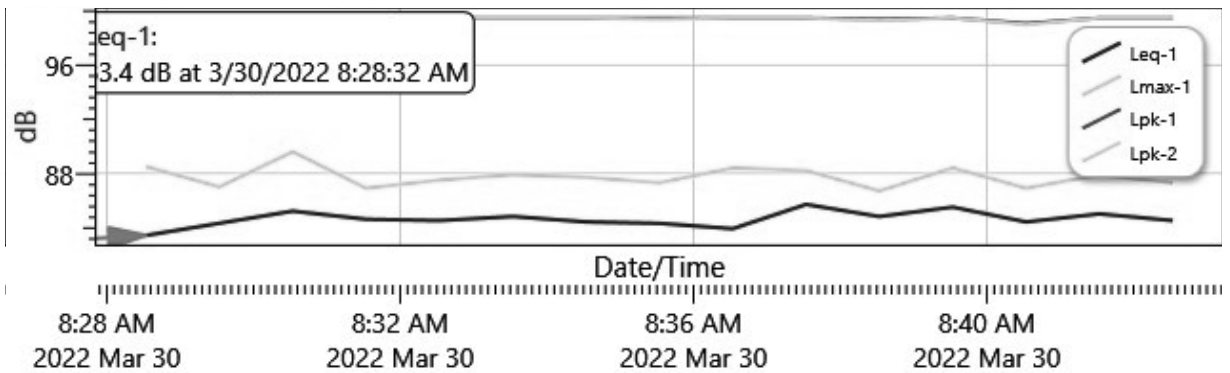
Exceedance Chart

S058_BIF090003_30032022_215825: Exceedance Chart



Logged Data Chart

S058_BIF090003_30032022_215825: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/30/2022 8:28:32 AM	83.4	88.5	70.1	99.5
8:29:32 AM	84.3	87	80.7	99.4

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:30:32 AM	85.2	89.6	78.5	99.5
8:31:32 AM	84.6	86.9	81.6	99.5
8:32:32 AM	84.5	87.5	82.7	99.5
8:33:32 AM	84.8	87.9	81.8	99.5
8:34:32 AM	84.4	87.7	82.4	99.5
8:35:32 AM	84.3	87.3	81.6	99.5
8:36:32 AM	83.9	88.4	80.3	99.5
8:37:32 AM	85.7	88.2	82.1	99.5
8:38:32 AM	84.8	86.7	82.5	99.4
8:39:32 AM	85.5	88.4	83	99.5
8:40:32 AM	84.4	86.9	81.2	99.1
8:41:32 AM	85	87.9	80.9	99.5
8:42:32 AM	84.5	87.3	82.2	99.5

Session Report

3/31/2022

Information Panel

Name S034_BIH050001_30032022_220224
Start Time 3/30/2022 8:27:06 AM
Stop Time 3/30/2022 8:42:06 AM
Device Name BIH050001
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter B 9a 3-30-22

Summary Data Panel

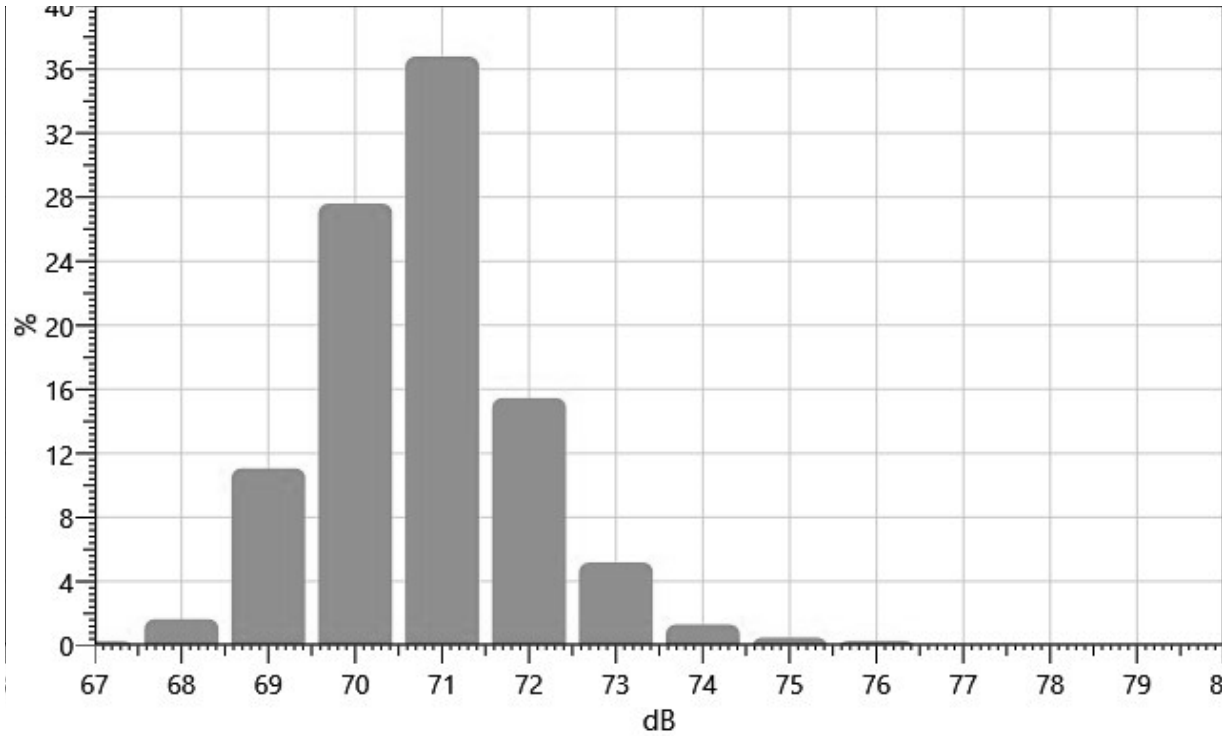
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	71.3 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
67:	0.00	0.00	0.04	0.04	0.05	0.02	0.03	0.02	0.02	0.03	0.25
68:	0.14	0.08	0.05	0.06	0.07	0.05	0.21	0.24	0.30	0.44	1.64
69:	0.61	1.02	1.20	0.76	0.92	1.15	1.25	1.30	1.31	1.54	11.05
70:	2.00	1.84	1.93	2.53	2.78	2.37	3.14	3.18	3.85	3.97	27.60
71:	4.45	5.37	2.53	4.88	4.46	3.31	2.80	3.06	3.16	2.77	36.78
72:	2.40	2.53	2.04	1.82	1.66	1.41	1.20	0.90	0.93	0.55	15.45
73:	0.46	0.52	0.72	0.50	0.66	0.73	0.45	0.38	0.40	0.35	5.18
74:	0.16	0.20	0.19	0.18	0.11	0.12	0.12	0.13	0.06	0.03	1.30
75:	0.07	0.02	0.06	0.05	0.08	0.07	0.06	0.05	0.01	0.02	0.49
76:	0.01	0.02	0.02	0.02	0.03	0.05	0.03	0.08	0.00	0.00	0.26

Statistics Chart

S034_BIH050001_30032022_220224: Statistics Chart

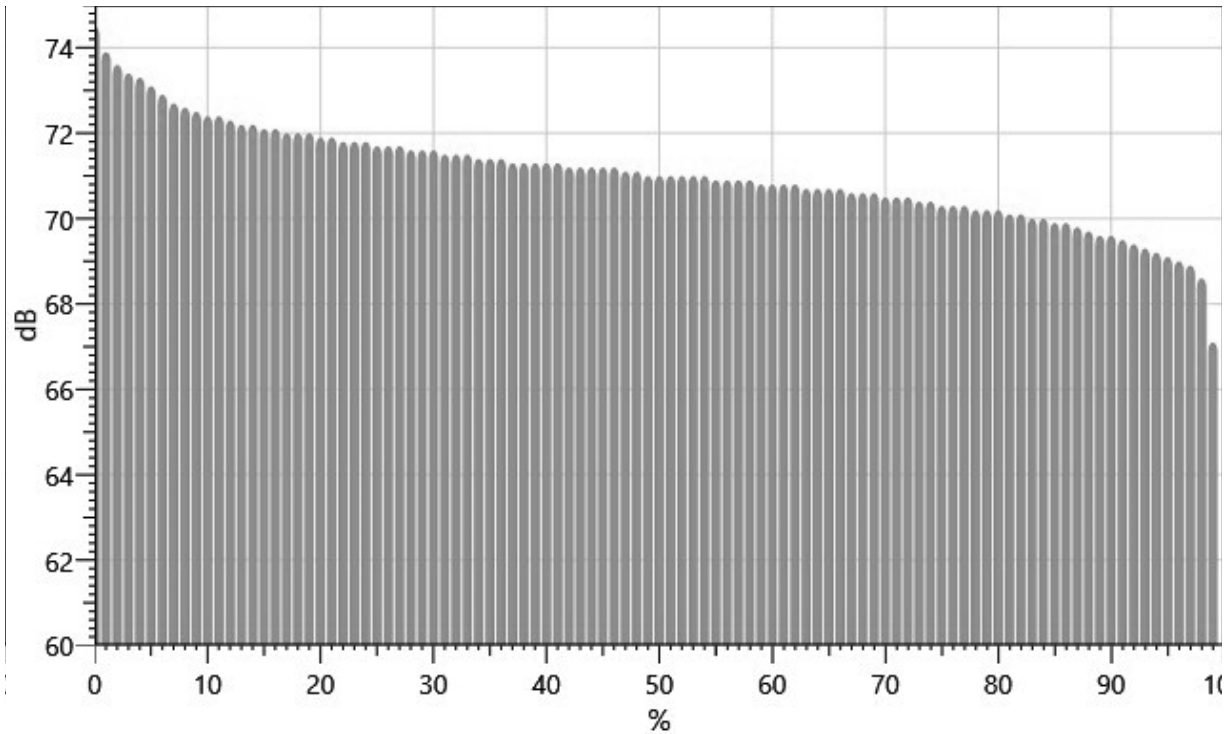


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		74.5	73.9	73.6	73.4	73.3	73.1	72.9	72.7	72.6
10%:	72.5	72.4	72.4	72.3	72.2	72.2	72.1	72.1	72.0	72.0
20%:	72.0	71.9	71.9	71.8	71.8	71.8	71.7	71.7	71.7	71.6
30%:	71.6	71.6	71.5	71.5	71.5	71.4	71.4	71.4	71.3	71.3
40%:	71.3	71.3	71.3	71.2	71.2	71.2	71.2	71.2	71.1	71.1
50%:	71.0	71.0	71.0	71.0	71.0	71.0	70.9	70.9	70.9	70.9
60%:	70.8	70.8	70.8	70.8	70.7	70.7	70.7	70.7	70.6	70.6
70%:	70.6	70.5	70.5	70.5	70.4	70.4	70.3	70.3	70.3	70.2
80%:	70.2	70.2	70.1	70.1	70.0	70.0	69.9	69.9	69.8	69.7
90%:	69.6	69.6	69.5	69.4	69.3	69.2	69.1	69.0	68.9	68.6
100%:	67.1									

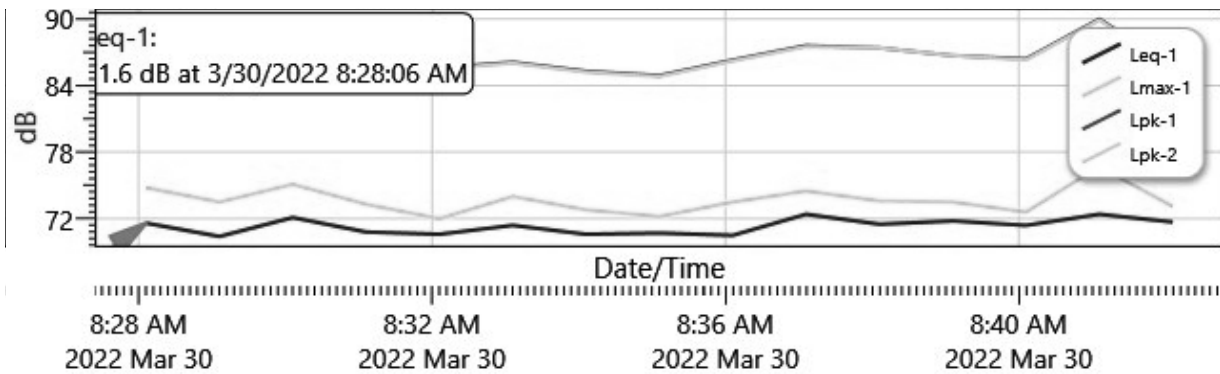
Exceedance Chart

S034_BIH050001_30032022_220224: Exceedance Chart



Logged Data Chart

S034_BIH050001_30032022_220224: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/30/2022 8:28:06 AM	71.6	74.8	69.6	87.7
8:29:06 AM	70.4	73.5	68	86.2
8:30:06 AM	72.1	75.1	67.2	88.4
8:31:06 AM	70.8	73.3	68.7	86.2
8:32:06 AM	70.6	72	69.1	85.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:33:06 AM	71.4	74	70	86.1
8:34:06 AM	70.6	72.8	68.9	85.3
8:35:06 AM	70.7	72.2	69.3	84.9
8:36:06 AM	70.5	73.5	68.6	86.3
8:37:06 AM	72.4	74.5	70.8	87.6
8:38:06 AM	71.5	73.6	70.2	87.4
8:39:06 AM	71.8	73.5	70.5	86.7
8:40:06 AM	71.4	72.6	70.2	86.4
8:41:06 AM	72.4	76.7	70.1	90
8:42:06 AM	71.7	73.1	70.3	85.7

Session Report

3/31/2022

Information Panel

Name S074_BIG080015_30032022_220750
Start Time 3/30/2022 8:27:31 AM
Stop Time 3/30/2022 8:42:31 AM
Device Name BIG080015
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter C 9a 3-30-22

Summary Data Panel

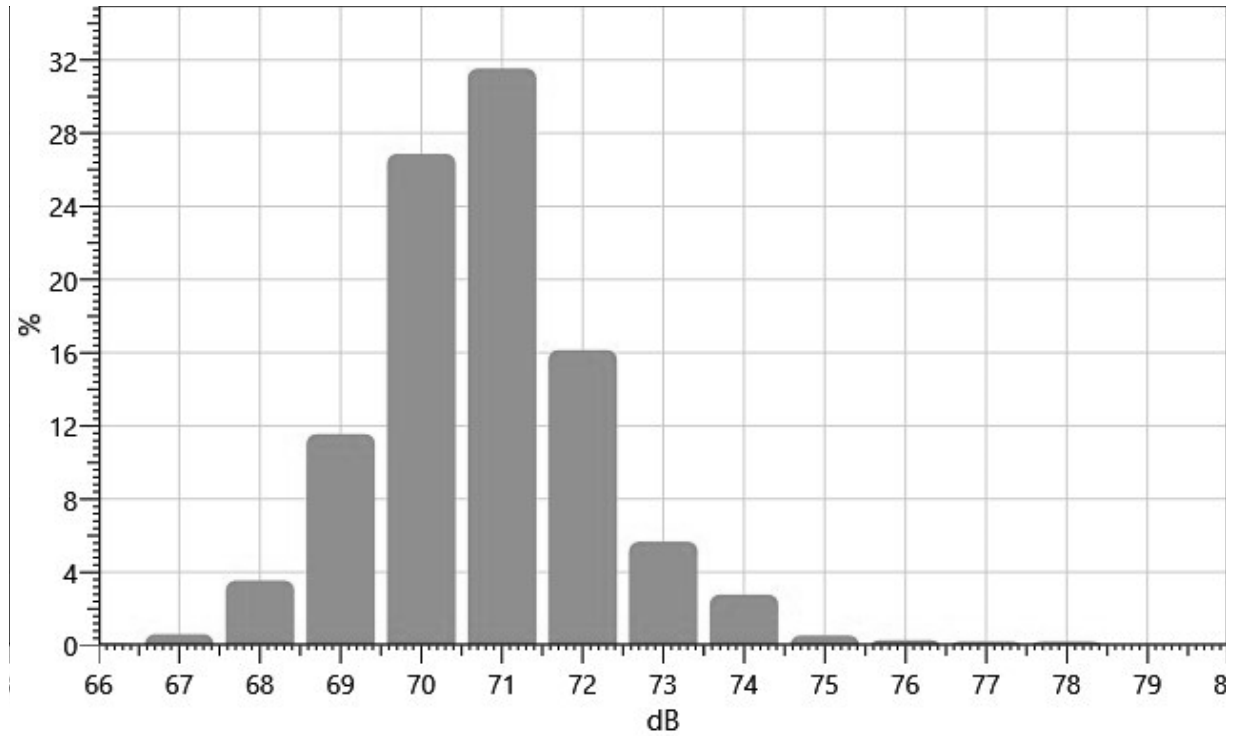
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	71.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
66:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.02	0.08
67:	0.07	0.08	0.05	0.05	0.06	0.09	0.06	0.04	0.04	0.06	0.61
68:	0.08	0.08	0.05	0.09	0.16	0.20	0.22	0.67	0.84	1.16	3.54
69:	0.86	0.82	1.02	1.29	1.04	0.97	1.34	1.29	1.23	1.68	11.55
70:	2.01	1.84	2.27	1.79	2.40	2.57	2.96	2.87	3.75	4.41	26.87
71:	4.43	4.42	2.43	3.74	3.70	3.51	2.76	2.45	1.99	2.11	31.53
72:	2.55	2.18	2.13	1.78	1.58	1.78	1.22	1.22	0.85	0.85	16.15
73:	0.71	0.67	0.68	0.73	0.63	0.48	0.48	0.43	0.50	0.36	5.67
74:	0.42	0.41	0.28	0.51	0.48	0.35	0.14	0.09	0.06	0.02	2.77
75:	0.02	0.03	0.07	0.03	0.03	0.08	0.08	0.13	0.05	0.01	0.54
76:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.10	0.08	0.05	0.29
77:	0.05	0.06	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.21
78:	0.01	0.02	0.01	0.03	0.03	0.01	0.02	0.02	0.03	0.02	0.20

Statistics Chart

S074_BIG080015_30032022_220750: Statistics Chart

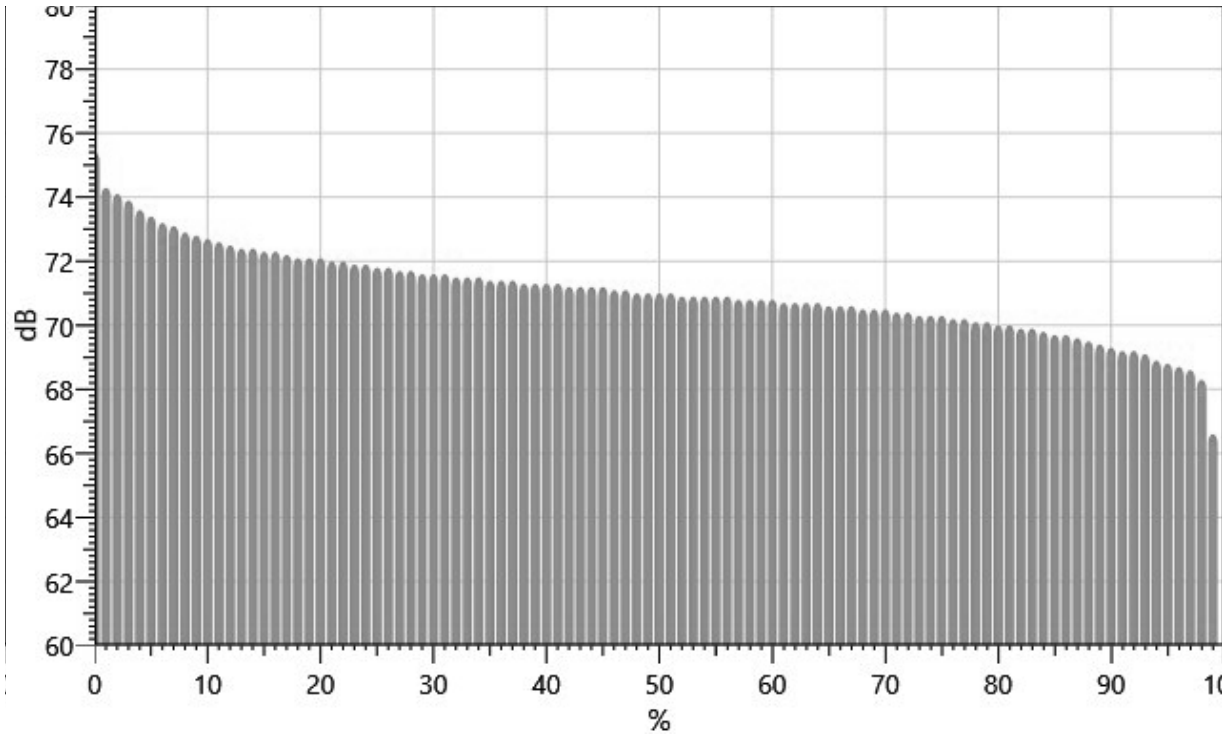


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%
0%:		75.4	74.3	74.1	73.9	73.6	73.4	73.2	73.1	72.9
10%:	72.8	72.7	72.6	72.5	72.4	72.4	72.3	72.3	72.2	72.1
20%:	72.1	72.1	72.0	72.0	71.9	71.9	71.8	71.8	71.7	71.7
30%:	71.6	71.6	71.6	71.5	71.5	71.5	71.4	71.4	71.4	71.3
40%:	71.3	71.3	71.3	71.2	71.2	71.2	71.2	71.1	71.1	71.0
50%:	71.0	71.0	71.0	70.9	70.9	70.9	70.9	70.9	70.8	70.8
60%:	70.8	70.8	70.7	70.7	70.7	70.7	70.6	70.6	70.6	70.5
70%:	70.5	70.5	70.4	70.4	70.3	70.3	70.3	70.2	70.2	70.1
80%:	70.1	70.0	70.0	69.9	69.9	69.8	69.7	69.7	69.6	69.5
90%:	69.4	69.3	69.2	69.2	69.1	68.9	68.8	68.7	68.6	68.3
100%:	66.6									

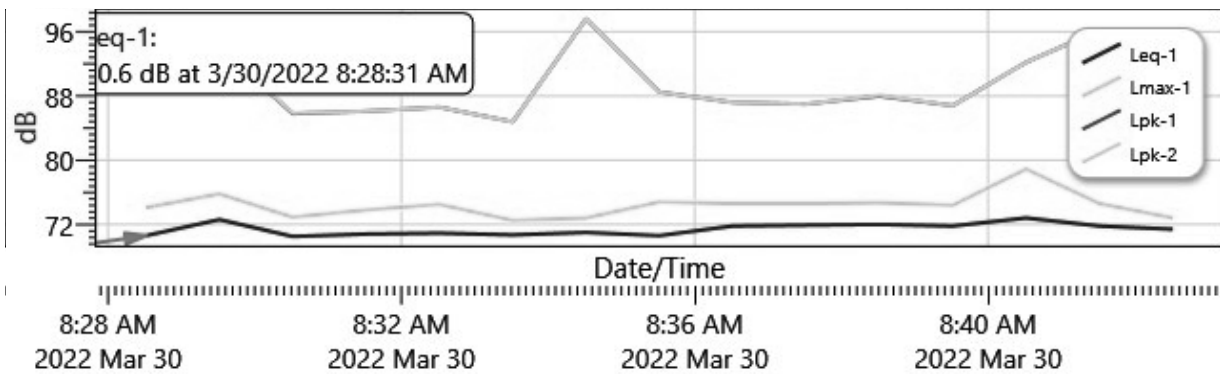
Exceedance Chart

S074_BIG080015_30032022_220750: Exceedance Chart



Logged Data Chart

S074_BIG080015_30032022_220750: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/30/2022 8:28:31 AM	70.6	74.1	67	92.5
8:29:31 AM	72.6	75.8	68.5	94
8:30:31 AM	70.5	72.9	66.7	85.8
8:31:31 AM	70.8	73.8	68.5	86.1
8:32:31 AM	70.9	74.5	68.8	86.6

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:33:31 AM	70.7	72.5	68.6	84.8
8:34:31 AM	71	72.8	69.2	97.6
8:35:31 AM	70.6	74.8	68.6	88.5
8:36:31 AM	71.8	74.6	69.6	87.2
8:37:31 AM	71.9	74.6	70.2	87
8:38:31 AM	72	74.7	70.6	88
8:39:31 AM	71.8	74.4	69.9	86.8
8:40:31 AM	72.8	78.9	69.4	92.2
8:41:31 AM	71.8	74.6	70	96.2
8:42:31 AM	71.4	72.8	70.1	95.9

Session Report

3/31/2022

Information Panel

Name S366_BIF030001_30032022_221209
Start Time 3/30/2022 8:27:52 AM
Stop Time 3/30/2022 8:42:52 AM
Device Name BIF030001
Model Type SoundPro DL
Device Firmware Rev R.13A
Comments Meter D 9a 3-30-22

Summary Data Panel

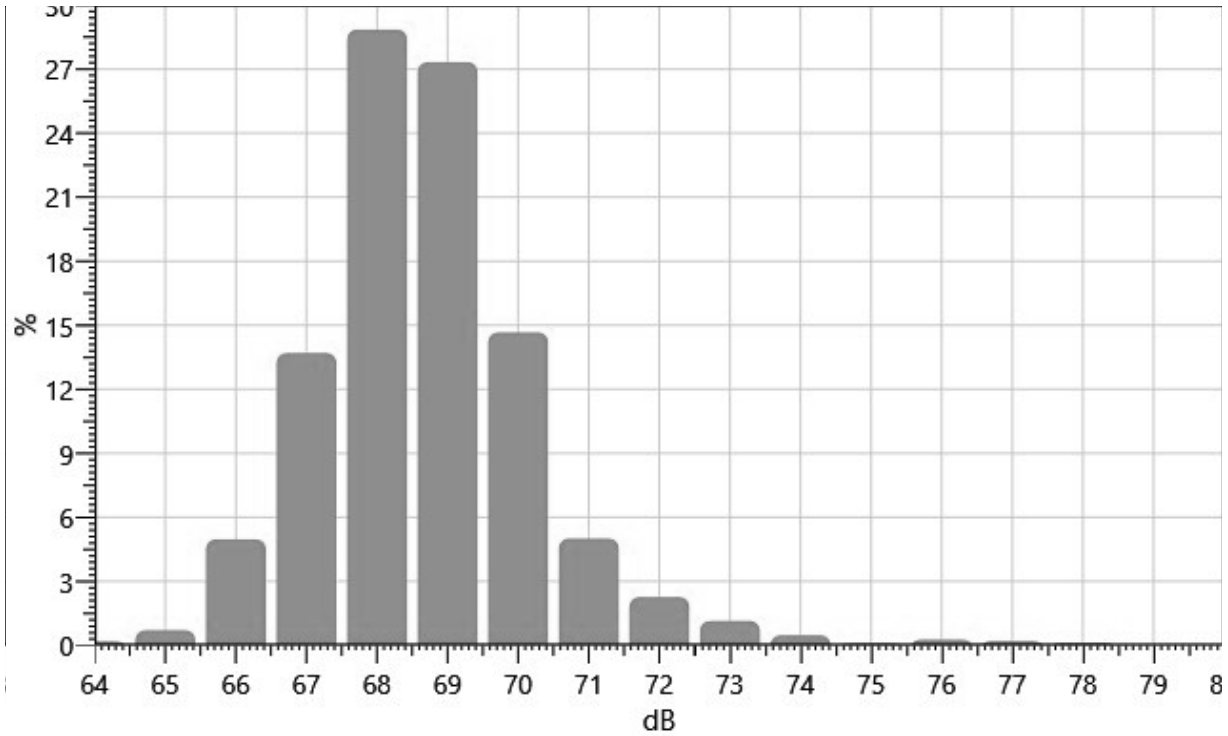
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	69.4 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
64:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.19
65:	0.08	0.15	0.12	0.06	0.05	0.06	0.04	0.06	0.05	0.04	0.71
66:	0.04	0.06	0.09	0.28	0.54	0.35	0.73	1.00	0.80	1.09	4.97
67:	0.90	1.24	0.96	0.93	1.07	1.60	1.45	1.81	1.78	1.96	13.70
68:	1.66	1.84	2.49	2.43	2.99	2.92	3.51	3.68	3.76	3.58	28.85
69:	3.72	3.38	3.02	2.59	2.83	2.96	2.22	2.39	2.05	2.17	27.33
70:	2.39	2.19	1.76	1.66	1.68	1.28	1.17	0.92	0.94	0.68	14.66
71:	0.61	0.82	0.73	0.64	0.44	0.43	0.32	0.38	0.30	0.35	5.01
72:	0.39	0.33	0.35	0.33	0.30	0.13	0.10	0.11	0.08	0.15	2.27
73:	0.17	0.17	0.05	0.23	0.19	0.16	0.10	0.03	0.02	0.02	1.14
74:	0.07	0.15	0.10	0.09	0.03	0.01	0.01	0.01	0.01	0.01	0.48
75:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.09
76:	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.07	0.09	0.02	0.27
77:	0.04	0.04	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.20

Statistics Chart

S366_BIF030001_30032022_221209: Statistics Chart

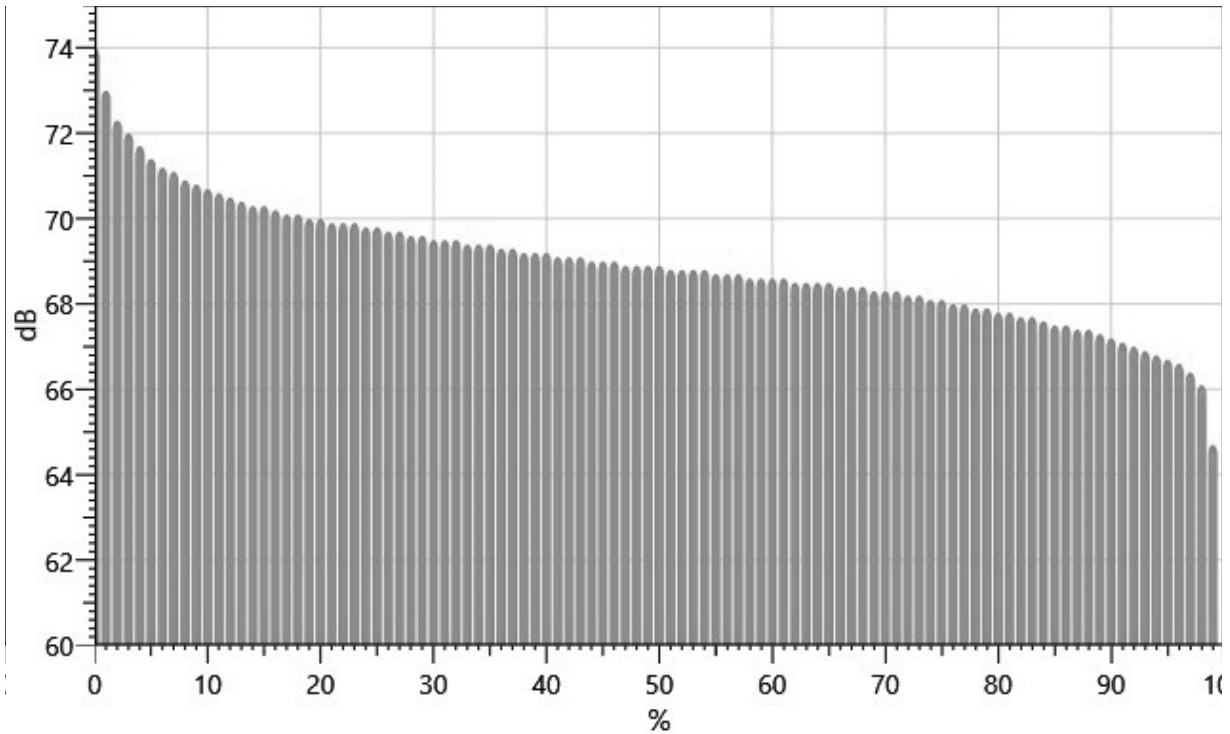


Exceedance Table

	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		74.0	73.0	72.3	72.0	71.7	71.4	71.2	71.1	70.9
10%:	70.8	70.7	70.6	70.5	70.4	70.3	70.3	70.2	70.1	70.1
20%:	70.0	70.0	69.9	69.9	69.9	69.8	69.8	69.7	69.7	69.6
30%:	69.6	69.5	69.5	69.5	69.4	69.4	69.4	69.3	69.3	69.2
40%:	69.2	69.2	69.1	69.1	69.1	69.0	69.0	69.0	68.9	68.9
50%:	68.9	68.9	68.8	68.8	68.8	68.8	68.7	68.7	68.7	68.6
60%:	68.6	68.6	68.6	68.5	68.5	68.5	68.5	68.4	68.4	68.4
70%:	68.3	68.3	68.3	68.2	68.2	68.1	68.1	68.0	68.0	67.9
80%:	67.9	67.8	67.8	67.7	67.7	67.6	67.5	67.5	67.4	67.4
90%:	67.3	67.2	67.1	67.0	66.9	66.8	66.7	66.6	66.4	66.1
100%:	64.7									

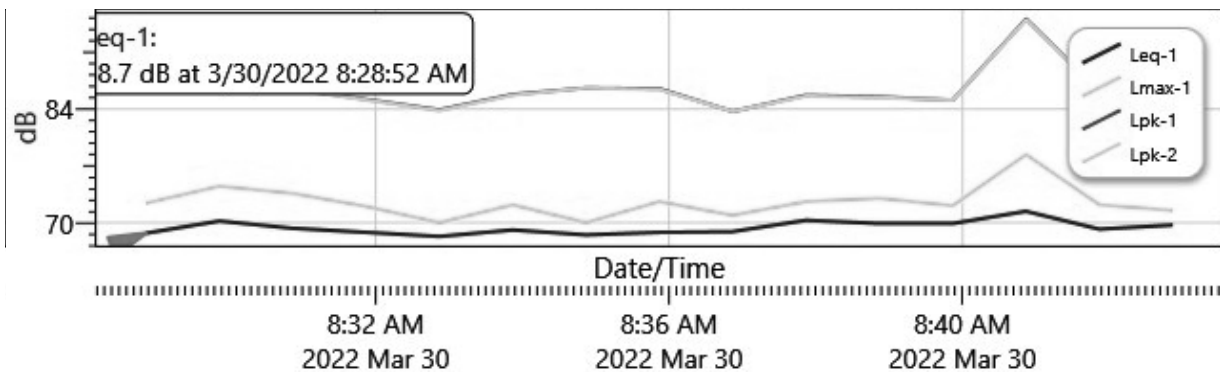
Exceedance Chart

S366_BIF030001_30032022_221209: Exceedance Chart



Logged Data Chart

S366_BIF030001_30032022_221209: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/30/2022 8:28:52 AM	68.7	72.4	64.8	88.3
8:29:52 AM	70.2	74.5	66.2	87.5
8:30:52 AM	69.3	73.6	64.8	86.5
8:31:52 AM	68.8	72	66.3	85.2
8:32:52 AM	68.3	70	66.5	83.9

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:33:52 AM	69.1	72.2	66.3	85.8
8:34:52 AM	68.5	70	66.4	86.6
8:35:52 AM	68.8	72.6	66.3	86.5
8:36:52 AM	68.9	70.9	66.6	83.7
8:37:52 AM	70.3	72.6	68.2	85.7
8:38:52 AM	69.9	73	68.2	85.5
8:39:52 AM	69.9	72.1	68.4	85.1
8:40:52 AM	71.4	78.4	67.7	95.1
8:41:52 AM	69.2	72.2	67.5	86.2
8:42:52 AM	69.7	71.5	67.7	84.7

Session Report

4/1/2022

Information Panel

Name S004_BIF090005_30032022_222234
Start Time 3/30/2022 8:27:06 AM
Stop Time 3/30/2022 8:42:06 AM
Device Name BIF090005
Model Type SoundPro DL
Device Firmware Rev R.13H
Comments Meter E 8a 3-30-22

Summary Data Panel

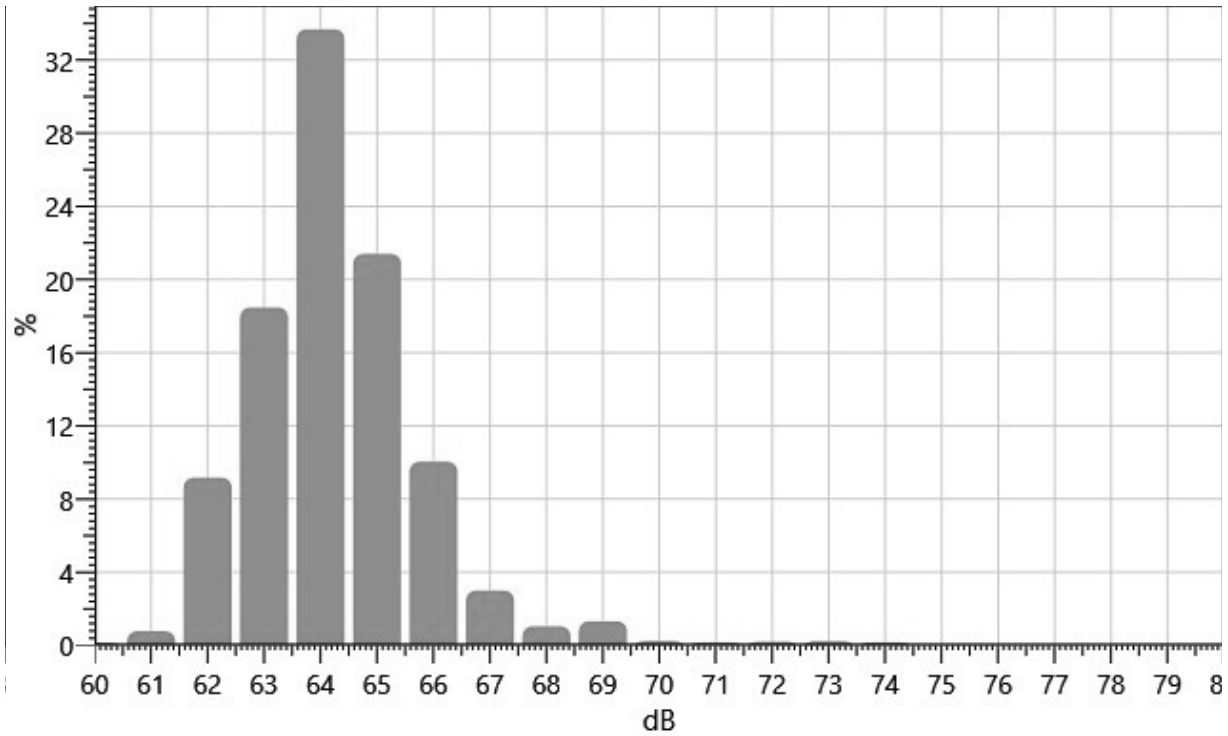
<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	65 dB			
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	A
Response	2	SLOW			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
60:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.16
61:	0.06	0.03	0.04	0.07	0.03	0.09	0.09	0.08	0.14	0.15	0.78
62:	0.11	0.32	0.40	0.56	0.83	1.02	1.01	1.27	1.71	1.94	9.17
63:	1.57	1.69	1.11	1.77	1.64	1.56	1.56	2.32	2.38	2.86	18.47
64:	2.82	3.18	4.38	4.11	3.51	2.89	3.38	3.13	2.86	3.43	33.68
65:	3.68	2.74	2.52	1.94	1.35	1.54	1.94	2.40	1.97	1.33	21.40
66:	1.45	1.82	1.16	1.25	0.96	1.10	0.61	0.53	0.54	0.60	10.04
67:	0.49	0.33	0.35	0.26	0.27	0.26	0.30	0.41	0.19	0.14	2.99
68:	0.15	0.10	0.07	0.07	0.09	0.16	0.18	0.12	0.06	0.05	1.05
69:	0.11	0.13	0.04	0.08	0.20	0.21	0.13	0.23	0.14	0.05	1.32
70:	0.05	0.06	0.03	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.23
71:	0.01	0.02	0.01	0.02	0.02	0.01	0.02	0.01	0.02	0.02	0.16
72:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.05	0.05	0.19
73:	0.07	0.04	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.22

Statistics Chart

S004_BIF090005_30032022_222234: Statistics Chart

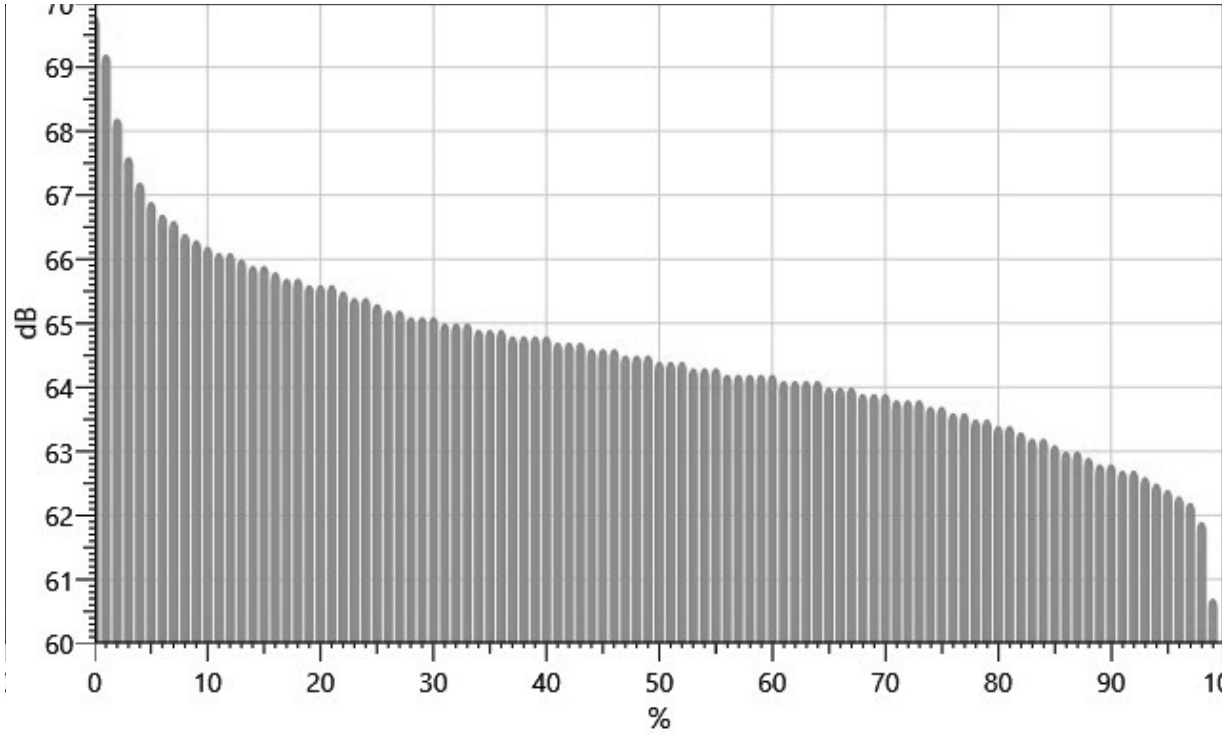


Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		69.8	69.2	68.2	67.6	67.2	66.9	66.7	66.6	66.4
10%:	66.3	66.2	66.1	66.1	66.0	65.9	65.9	65.8	65.7	65.7
20%:	65.6	65.6	65.6	65.5	65.4	65.4	65.3	65.2	65.2	65.1
30%:	65.1	65.1	65.0	65.0	65.0	64.9	64.9	64.9	64.8	64.8
40%:	64.8	64.8	64.7	64.7	64.7	64.6	64.6	64.6	64.5	64.5
50%:	64.5	64.4	64.4	64.4	64.3	64.3	64.3	64.2	64.2	64.2
60%:	64.2	64.2	64.1	64.1	64.1	64.1	64.0	64.0	64.0	63.9
70%:	63.9	63.9	63.8	63.8	63.8	63.7	63.7	63.6	63.6	63.5
80%:	63.5	63.4	63.4	63.3	63.2	63.2	63.1	63.0	63.0	62.9
90%:	62.8	62.8	62.7	62.7	62.6	62.5	62.4	62.3	62.2	61.9
100%:	60.7									

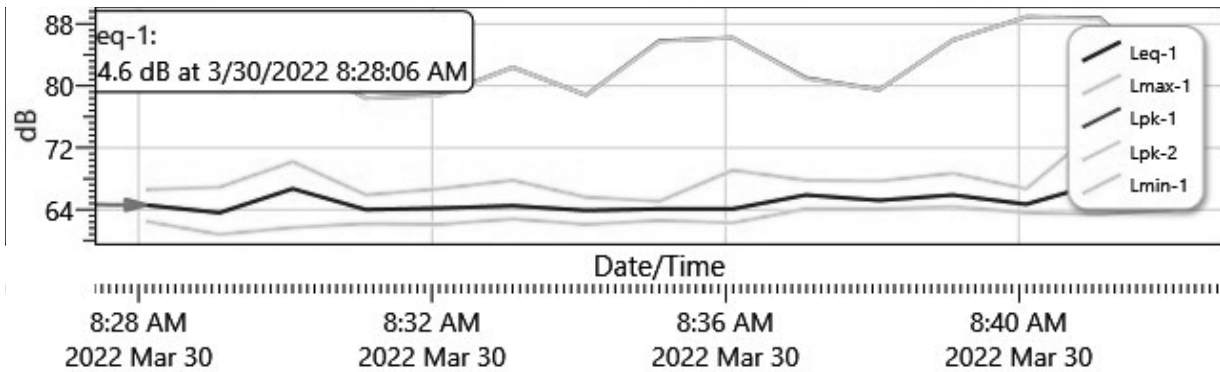
Exceedance Chart

S004_BIF090005_30032022_222234: Exceedance Chart



Logged Data Chart

S004_BIF090005_30032022_222234: Logged Data Chart



Logged Data Table

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
3/30/2022 8:28:06 AM	64.6	66.6	62.5	82.8
8:29:06 AM	63.6	66.9	60.8	80.1
8:30:06 AM	66.7	70.2	61.7	83.4
8:31:06 AM	64	65.9	62.2	78.4
8:32:06 AM	64.2	66.7	62.1	78.8

Date/Time	Leq-1	Lmax-1	Lmin-1	Lpk-1
8:33:06 AM	64.5	67.8	62.8	82.4
8:34:06 AM	63.9	65.6	62.1	78.8
8:35:06 AM	64.1	65.1	62.6	85.8
8:36:06 AM	64.1	69.1	62.3	86.2
8:37:06 AM	65.9	67.8	64.1	81
8:38:06 AM	65.2	67.7	64.1	79.5
8:39:06 AM	65.9	68.7	64.4	85.9
8:40:06 AM	64.7	66.7	63.6	88.9
8:41:06 AM	67.4	74.5	63.4	88.8
8:42:06 AM	65.5	68.1	64	80.5

Green, OH Noise Meter Session Reports, Cumulative

Interval	NoWall-MA-AM			NoWall-MA-Midday			NoWall-MA-PM			NoWall-MB-AM			NoWall-MB-Midday			NoWall-MB-PM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	10/5/2021 10:31:56 AM	76.2	76.2	10/5/2021 1:33:42 PM	76.6	76.6	10/5/2021 2:47:44 PM	75.5	75.5	10/5/2021 10:31:54 AM	75.8	75.8	10/5/2021 1:33:39 PM	75.1	75.1	10/5/2021 2:47:51 PM	74.2	74.2
2.0	10:32:56 AM	77.6	76.9	1:34:42 PM	75.7	76.2	2:48:44 PM	78.2	76.9	10:32:54 AM	76.7	76.3	1:34:39 PM	74.6	74.9	2:48:51 PM	77.3	75.8
3.0	10:33:56 AM	78.0	77.3	1:35:42 PM	76.2	76.2	2:49:44 PM	77.7	77.1	10:33:54 AM	77.3	76.6	1:35:39 PM	74.5	74.7	2:49:51 PM	76.6	76.0
4.0	10:34:56 AM	76.9	77.2	1:36:42 PM	78.7	76.8	2:50:44 PM	77.3	77.2	10:34:54 AM	75.8	76.4	1:36:39 PM	77.0	75.3	2:50:51 PM	76.0	76.0
5.0	10:35:56 AM	79.3	77.6	1:37:42 PM	76.8	76.8	2:51:44 PM	77.8	77.3	10:35:54 AM	78.3	76.8	1:37:39 PM	75.9	75.4	2:51:51 PM	77.5	76.3
6.0	10:36:56 AM	77.3	77.6	1:38:42 PM	77.7	77.0	2:52:44 PM	78.3	77.5	10:36:54 AM	75.8	76.6	1:38:39 PM	76.6	75.6	2:52:51 PM	77.2	76.5
7.0	10:37:56 AM	78.0	77.6	1:39:42 PM	77.4	77.0	2:53:44 PM	78.3	77.6	10:37:54 AM	77.2	76.7	1:39:39 PM	76.6	75.8	2:53:51 PM	76.6	76.5
8.0	10:38:56 AM	77.9	77.7	1:40:42 PM	76.3	76.9	2:54:44 PM	76.9	77.5	10:38:54 AM	76.7	76.7	1:40:39 PM	75.4	75.7	2:54:51 PM	76.8	76.5
9.0	10:39:56 AM	77.4	77.6	1:41:42 PM	77.4	77.0	2:55:44 PM	77.8	77.5	10:39:54 AM	76.7	76.7	1:41:39 PM	76.9	75.8	2:55:51 PM	76.1	76.5
10.0	10:40:56 AM	77.3	77.6	1:42:42 PM	75.9	76.9	2:56:44 PM	77.1	77.5	10:40:54 AM	76.5	76.7	1:42:39 PM	74.8	75.7	2:56:51 PM	76.3	76.5
11.0	10:41:56 AM	77.0	77.5	1:43:42 PM	77.9	77.0	2:57:44 PM	78.6	77.6	10:41:54 AM	76.4	76.7	1:43:39 PM	77.1	75.9	2:57:51 PM	77.9	76.6
12.0	10:42:56 AM	75.4	77.4	1:44:42 PM	78.7	77.1	2:58:44 PM	77.4	77.6	10:42:54 AM	74.6	76.5	1:44:39 PM	77.5	76.0	2:58:51 PM	75.9	76.5
13.0	10:43:56 AM	77.3	77.4	1:45:42 PM	77.9	77.2	2:59:44 PM	76.3	77.5	10:43:54 AM	76.7	76.5	1:45:39 PM	76.2	76.0	2:59:51 PM	76.8	76.6
14.0	10:44:56 AM	78.6	77.4	1:46:42 PM	77.4	77.2	3:00:44 PM	79.5	77.6	10:44:54 AM	77.9	76.6	1:46:39 PM	76.2	76.0	3:00:51 PM	77.9	76.7
15.0	10:45:56 AM	77.9	77.5	1:47:42 PM	77.9	77.2	3:01:44 PM	77.9	77.6	10:45:54 AM	76.9	76.6	1:47:39 PM	77.1	76.1	3:01:51 PM	77.8	76.7

Green, OH Noise Meter Session Reports, Cumulative

Interval	NoWall-MB-AM			NoWall-MB-Midday			NoWall-MB-PM			NoWall-MC-AM			NoWall-MC-Midday			NoWall-MC-PM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	10/5/2021 10:31:45 AM	74.2	74.2	10/5/2021 1:33:35 PM	73.3	73.3	10/5/2021 2:47:39 PM	72.6	72.6	10/5/2021 10:31:57 AM	71.8	71.8	10/5/2021 1:33:44 PM	70.3	70.3	10/5/2021 2:47:42 PM	70.8	70.8
2.0	10:32:45 AM	75.6	74.9	1:34:35 PM	72.6	73.0	2:48:39 PM	75.2	73.9	10:32:57 AM	72.2	72.0	1:34:44 PM	70.0	70.2	2:48:42 PM	72.3	71.6
3.0	10:33:45 AM	75.5	75.1	1:35:35 PM	72.1	72.7	2:49:39 PM	75.0	74.3	10:33:57 AM	72.4	72.1	1:35:44 PM	69.6	70.0	2:49:42 PM	72.9	72.0
4.0	10:34:45 AM	74.2	74.9	1:36:35 PM	74.6	73.2	2:50:39 PM	74.4	74.3	10:34:57 AM	71.7	72.0	1:36:44 PM	71.5	70.4	2:50:42 PM	72.6	72.2
5.0	10:35:45 AM	76.6	75.2	1:37:35 PM	73.5	73.2	2:51:39 PM	75.6	74.6	10:35:57 AM	73.9	72.4	1:37:44 PM	71.3	70.5	2:51:42 PM	73.3	72.4
6.0	10:36:45 AM	75.1	75.2	1:38:35 PM	74.7	73.5	2:52:39 PM	75.5	74.7	10:36:57 AM	71.0	72.2	1:38:44 PM	72.0	70.8	2:52:42 PM	72.9	72.5
7.0	10:37:45 AM	75.3	75.2	1:39:35 PM	74.5	73.6	2:53:39 PM	75.5	74.8	10:37:57 AM	72.9	72.3	1:39:44 PM	72.1	71.0	2:53:42 PM	72.9	72.5
8.0	10:38:45 AM	75.3	75.2	1:40:35 PM	73.6	73.6	2:54:39 PM	74.4	74.8	10:38:57 AM	71.6	72.2	1:40:44 PM	70.8	71.0	2:54:42 PM	72.3	72.5
9.0	10:39:45 AM	75.4	75.2	1:41:35 PM	75.0	73.8	2:55:39 PM	75.2	74.8	10:39:57 AM	73.3	72.3	1:41:44 PM	72.4	71.1	2:55:42 PM	73.2	72.6
10.0	10:40:45 AM	75.5	75.3	1:42:35 PM	72.9	73.7	2:56:39 PM	74.5	74.8	10:40:57 AM	72.1	72.3	1:42:44 PM	70.3	71.0	2:56:42 PM	72.6	72.6
11.0	10:41:45 AM	74.9	75.2	1:43:35 PM	74.9	73.8	2:57:39 PM	75.9	74.9	10:41:57 AM	72.0	72.3	1:43:44 PM	71.4	71.1	2:57:42 PM	73.4	72.7
12.0	10:42:45 AM	73.5	75.1	1:44:35 PM	75.0	73.9	2:58:39 PM	74.6	74.9	10:42:57 AM	71.0	72.2	1:44:44 PM	71.7	71.1	2:58:42 PM	72.8	72.7
13.0	10:43:45 AM	75.2	75.1	1:45:35 PM	74.0	73.9	2:59:39 PM	74.2	74.8	10:43:57 AM	72.6	72.2	1:45:44 PM	70.8	71.1	2:59:42 PM	72.2	72.6
14.0	10:44:45 AM	75.3	75.1	1:46:35 PM	74.4	73.9	3:00:39 PM	76.5	74.9	10:44:57 AM	72.3	72.2	1:46:44 PM	71.7	71.1	3:00:42 PM	73.9	72.7
15.0	10:45:45 AM	75.5	75.1	1:47:35 PM	75.0	74.0	3:01:39 PM	75.5	75.0	10:45:57 AM	71.4	72.1	1:47:44 PM	72.1	71.2	3:01:42 PM	73.1	72.7

Green, OH Noise Meter Session Reports, Cumulative

Interval	VWall-MA-AM			VWall-MA-Midday			VWall-MA-PM			VWall-MB-AM			VWall-MB-Midday			VWall-MB-PM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	10/5/2021 10:04:07 AM	76.9	76.9	10/5/2021 1:13:05 PM	76.1	76.1	10/5/2021 2:28:21 PM	77.5	77.5	10/5/2021 10:05:11 AM	67.9	67.9	10/5/2021 1:12:58 PM	67.7	67.7	10/5/2021 2:28:14 PM	67.4	67.4
2.0	10:05:07 AM	77.9	77.4	1:14:05 PM	77.6	76.9	2:29:21 PM	76.5	77.0	10:06:11 AM	70.6	69.3	1:13:58 PM	67.1	67.4	2:29:14 PM	65.9	66.7
3.0	10:06:07 AM	79.1	78.0	1:15:05 PM	76.1	76.6	2:30:21 PM	78.6	77.5	10:07:11 AM	67.5	68.7	1:14:58 PM	68.5	67.8	2:30:14 PM	68.8	67.4
4.0	10:07:07 AM	78.0	78.0	1:16:05 PM	77.9	76.9	2:31:21 PM	77.6	77.6	10:08:11 AM	68.1	68.5	1:15:58 PM	68.2	67.9	2:31:14 PM	67.5	67.4
5.0	10:08:07 AM	77.9	78.0	1:17:05 PM	76.6	76.9	2:32:21 PM	74.0	76.8	10:09:11 AM	67.8	68.4	1:16:58 PM	67.3	67.8	2:32:14 PM	63.7	66.7
6.0	10:09:07 AM	78.1	78.0	1:18:05 PM	77.3	76.9	2:33:21 PM	77.2	76.9	10:10:11 AM	67.9	68.3	1:17:58 PM	67.0	67.6	2:33:14 PM	68.7	67.0
7.0	10:10:07 AM	77.5	77.9	1:19:05 PM	77.4	77.0	2:34:21 PM	77.4	77.0	10:11:11 AM	69.2	68.4	1:18:58 PM	67.7	67.6	2:34:14 PM	66.6	66.9
8.0	10:11:07 AM	78.3	78.0	1:20:05 PM	78.2	77.2	2:35:21 PM	78.2	77.1	10:12:11 AM	70.0	68.6	1:19:58 PM	67.8	67.7	2:35:14 PM	67.4	67.0
9.0	10:12:07 AM	79.2	78.1	1:21:05 PM	76.2	77.0	2:36:21 PM	77.6	77.2	10:13:11 AM	68.6	68.6	1:20:58 PM	66.4	67.5	2:36:14 PM	67.1	67.0
10.0	10:13:07 AM	79.0	78.2	1:22:05 PM	76.0	76.9	2:37:21 PM	79.3	77.4	10:14:11 AM	66.3	68.4	1:21:58 PM	65.8	67.4	2:37:14 PM	68.7	67.2
11.0	10:14:07 AM	77.1	78.1	1:23:05 PM	76.8	76.9	2:38:21 PM	76.7	77.3	10:15:11 AM	66.9	68.3	1:22:58 PM	66.4	67.3	2:38:14 PM	66.8	67.1
12.0	10:15:07 AM	76.9	78.0	1:24:05 PM	76.7	76.9	2:39:21 PM	78.6	77.4	10:16:11 AM	67.8	68.2	1:23:58 PM	65.8	67.1	2:39:14 PM	68.0	67.2
13.0	10:16:07 AM	77.6	78.0	1:25:05 PM	78.0	77.0	2:40:21 PM	76.9	77.4	10:17:11 AM	68.0	68.2	1:24:58 PM	67.8	67.2	2:40:14 PM	67.1	67.2
14.0	10:17:07 AM	77.7	77.9	1:26:05 PM	77.6	77.0	2:41:21 PM	78.4	77.5	10:18:11 AM	68.5	68.2	1:25:58 PM	67.3	67.2	2:41:14 PM	68.6	67.3
15.0	10:18:07 AM	77.5	77.9	1:27:05 PM	76.2	77.0	2:42:21 PM	75.6	77.3	10:19:11 AM	67.1	68.1	1:26:58 PM	66.3	67.1	2:42:14 PM	65.0	67.2

Green, OH Noise Meter Session Reports, Cumulative

Interval	VWall-MB'-AM			VWall-MB'-Midday			VWall-MB'-PM			VWall-MC-AM			VWall-MC-Midday			VWall-MC-PM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	10/5/2021 10:03:57 AM	66.2	66.2	10/5/2021 1:13:01 PM	66.3	66.3	10/5/2021 2:28:14 PM	66.0	66.0	10/5/2021 10:04:05 AM	67.2	67.2	10/5/2021 1:13:04 PM	67.3	67.3	10/5/2021 2:28:18 PM	66.2	66.2
2.0	10:04:57 AM	66.8	66.5	1:14:01 PM	67.2	66.8	2:29:14 PM	65.0	65.5	10:05:05 AM	67.6	67.4	1:14:04 PM	67.7	67.5	2:29:18 PM	65.5	65.9
3.0	10:05:57 AM	69.0	67.3	1:15:01 PM	69.0	67.5	2:30:14 PM	68.2	66.4	10:06:05 AM	70.1	68.3	1:15:04 PM	69.3	68.1	2:30:18 PM	68.3	66.7
4.0	10:06:57 AM	67.2	67.3	1:16:01 PM	66.7	67.3	2:31:14 PM	66.0	66.3	10:07:05 AM	67.6	68.1	1:16:04 PM	67.6	68.0	2:31:18 PM	66.8	66.7
5.0	10:07:57 AM	66.6	67.2	1:17:01 PM	66.4	67.1	2:32:14 PM	62.6	65.6	10:08:05 AM	68.2	68.1	1:17:04 PM	67.0	67.8	2:32:18 PM	63.6	66.1
6.0	10:08:57 AM	67.1	67.2	1:18:01 PM	66.9	67.1	2:33:14 PM	66.6	65.7	10:09:05 AM	67.5	68.0	1:18:04 PM	67.4	67.7	2:33:18 PM	66.7	66.2
7.0	10:09:57 AM	66.6	67.1	1:19:01 PM	67.1	67.1	2:34:14 PM	65.4	65.7	10:10:05 AM	67.9	68.0	1:19:04 PM	68.2	67.8	2:34:18 PM	66.0	66.2
8.0	10:10:57 AM	67.2	67.1	1:20:01 PM	67.8	67.2	2:35:14 PM	66.9	65.8	10:11:05 AM	68.4	68.1	1:20:04 PM	68.4	67.9	2:35:18 PM	67.4	66.3
9.0	10:11:57 AM	68.1	67.2	1:21:01 PM	65.5	67.0	2:36:14 PM	65.9	65.8	10:12:05 AM	69.3	68.2	1:21:04 PM	66.3	67.7	2:36:18 PM	66.5	66.3
10.0	10:12:57 AM	68.6	67.3	1:22:01 PM	65.8	66.9	2:37:14 PM	68.4	66.1	10:13:05 AM	69.4	68.3	1:22:04 PM	66.2	67.5	2:37:18 PM	67.8	66.5
11.0	10:13:57 AM	65.2	67.1	1:23:01 PM	65.8	66.8	2:38:14 PM	65.4	66.0	10:14:05 AM	66.6	68.2	1:23:04 PM	66.3	67.4	2:38:18 PM	66.2	66.5
12.0	10:14:57 AM	65.6	67.0	1:24:01 PM	66.0	66.7	2:39:14 PM	66.6	66.1	10:15:05 AM	67.3	68.1	1:24:04 PM	66.4	67.3	2:39:18 PM	67.5	66.5
13.0	10:15:57 AM	67.0	67.0	1:25:01 PM	67.2	66.7	2:40:14 PM	65.3	66.0	10:16:05 AM	67.6	68.1	1:25:04 PM	68.0	67.4	2:40:18 PM	65.8	66.5
14.0	10:16:57 AM	66.1	67.0	1:26:01 PM	66.9	66.8	2:41:14 PM	67.5	66.1	10:17:05 AM	67.5	68.0	1:26:04 PM	67.5	67.4	2:41:18 PM	67.7	66.6
15.0	10:17:57 AM	66.5	66.9	1:27:01 PM	66.3	66.7	2:42:14 PM	64.1	66.0	10:18:05 AM	68.1	68.0	1:27:04 PM	66.5	67.3	2:42:18 PM	64.6	66.4

Lima, OH, Vinyl Wall Site Pre-Construction | Noise Meter Session Reports, Cumulative

Interval	MA_AM1_6-15-21			MA_AM1_6-17-21			MA_AM2_6-17-21			MA_Midday1_6-15-21			MA_Midday1_6-17-21			MA_PM1_6-15-21			MA_PM1_6-17-21		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	6/15/2021 10:23:59 AM	77.6	77.6	6/17/2021 11:08:27 AM	77.3	77.3	6/17/2021 9:15:27 AM	76.7	76.7	6/15/2021 11:55:23 AM	77.5	77.5	6/17/2021 12:58:55 PM	74.8	74.8	6/15/2021 2:02:12 PM	78.0	78.0	6/17/2021 2:55:52 PM	77.0	77.0
2.0	10:24:59 AM	76.3	77.0	11:09:27 AM	78.2	77.8	9:16:27 AM	76.0	76.4	11:56:23 AM	79.7	78.6	12:59:55 PM	77.7	76.3	2:03:12 PM	75.3	76.7	2:56:52 PM	75.5	76.3
3.0	10:25:59 AM	76.1	76.7	11:10:27 AM	77.3	77.6	9:17:27 AM	78.8	77.2	11:57:23 AM	79.3	78.8	1:00:55 PM	73.8	75.4	2:04:12 PM	77.9	77.1	2:57:52 PM	77.7	76.7
4.0	10:26:59 AM	77.7	76.9	11:11:27 AM	77.4	77.6	9:18:27 AM	77.7	77.3	11:58:23 AM	77.4	78.5	1:01:55 PM	74.7	75.3	2:05:12 PM	79.2	77.6	2:58:52 PM	76.3	76.6
5.0	10:27:59 AM	76.0	76.7	11:12:27 AM	75.9	77.2	9:19:27 AM	75.9	77.0	11:59:23 AM	75.0	77.8	1:02:55 PM	75.4	75.3	2:06:12 PM	75.3	77.1	2:59:52 PM	76.3	76.6
6.0	10:28:59 AM	77.0	76.8	11:13:27 AM	75.8	77.0	9:20:27 AM	76.9	77.0	12:00:23 PM	76.4	77.6	1:03:55 PM	77.8	75.7	2:07:12 PM	74.6	76.7	3:00:52 PM	77.1	76.7
7.0	10:29:59 AM	77.9	76.9	11:14:27 AM	76.3	76.9	9:21:27 AM	76.3	76.9	12:01:23 PM	77.2	77.5	1:04:55 PM	76.4	75.8	2:08:12 PM	77.2	76.8	3:01:52 PM	75.3	76.5
8.0	10:30:59 AM	79.3	77.2	11:15:27 AM	76.7	76.9	9:22:27 AM	76.6	76.9	12:02:23 PM	79.0	77.7	1:05:55 PM	76.2	75.9	2:09:12 PM	77.0	76.8	3:02:52 PM	75.8	76.4
9.0	10:31:59 AM	76.9	77.2	11:16:27 AM	77.7	77.0	9:23:27 AM	77.3	76.9	12:03:23 PM	75.8	77.5	1:06:55 PM	77.0	76.0	2:10:12 PM	78.8	77.0	3:03:52 PM	77.4	76.5
10.0	10:32:59 AM	75.8	77.1	11:17:27 AM	77.5	77.0	9:24:27 AM	75.7	76.8	12:04:23 PM	75.8	77.3	1:07:55 PM	75.8	76.0	2:11:12 PM	76.1	76.9	3:04:52 PM	76.1	76.5
11.0	10:33:59 AM	77.0	77.1	11:18:27 AM	75.3	76.9	9:25:27 AM	77.5	76.9	12:05:23 PM	75.6	77.2	1:08:55 PM	75.2	75.9	2:12:12 PM	74.7	76.7	3:05:52 PM	76.7	76.5
12.0	10:34:59 AM	79.4	77.3	11:19:27 AM	76.7	76.8	9:26:27 AM	75.2	76.7	12:06:23 PM	76.9	77.1	1:09:55 PM	78.4	76.1	2:13:12 PM	78.0	76.8	3:06:52 PM	75.5	76.4
13.0	10:35:59 AM	76.7	77.2	11:20:27 AM	75.8	76.8	9:27:27 AM	78.2	76.8	12:07:23 PM	78.3	77.2	1:10:55 PM	77.5	76.2	2:14:12 PM	73.6	76.6	3:07:52 PM	74.5	76.2
14.0	10:36:59 AM	76.4	77.2	11:21:27 AM	78.6	76.9	9:28:27 AM	76.4	76.8	12:08:23 PM	77.6	77.3	1:11:55 PM	76.5	76.2	2:15:12 PM	79.1	76.8	3:08:52 PM	73.5	76.1
15.0	10:37:59 AM	77.5	77.2	11:22:27 AM	75.7	76.8	9:29:27 AM	76.3	76.8	12:09:23 PM	78.5	77.3	1:12:55 PM	76.9	76.3	2:16:12 PM	75.5	76.7	3:09:52 PM	77.6	76.2

Lima, OH, Vinyl Wall Site Pre-Construction | Noise Meter Session Reports, Cumulative

Interval	MB_AM1_6-15-21			MB_AM1_6-17-21			MB_AM2_6-17-21			MB_Midday1_6-15-21			MB_Midday1_6-17-21			MB_PM1_6-15-21			MB_PM1_6-17-21		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	6/15/2021 10:24:28 AM	72.7	72.7	6/17/2021 11:08:47 AM	72.4	72.4	6/17/2021 9:15:15 AM	73.6	73.6	6/15/2021 11:55:49 AM	74.5	74.5	6/17/2021 12:59:24 PM	71.0	71.0	6/15/2021 2:02:42 PM	73.7	73.7	6/17/2021 2:56:28 PM	71.0	71.0
2.0	10:25:28 AM	73.7	73.2	11:09:47 AM	72.6	72.5	9:16:15 AM	73.3	73.5	11:56:49 AM	75.7	75.1	1:00:24 PM	73.6	72.3	2:03:42 PM	73.6	73.7	2:57:28 PM	70.1	70.6
3.0	10:26:28 AM	73.0	73.1	11:10:47 AM	71.7	72.2	9:17:15 AM	75.3	74.1	11:57:49 AM	74.5	74.9	1:01:24 PM	72.5	72.4	2:04:42 PM	75.7	74.3	2:58:28 PM	72.8	71.3
4.0	10:27:28 AM	73.0	73.1	11:11:47 AM	72.1	72.2	9:18:15 AM	74.3	74.1	11:58:49 AM	72.0	74.2	1:02:24 PM	67.8	71.2	2:05:42 PM	72.9	74.0	2:59:28 PM	72.3	71.6
5.0	10:28:28 AM	72.7	73.0	11:12:47 AM	70.3	71.8	9:19:15 AM	73.3	74.0	11:59:49 AM	71.6	73.7	1:03:24 PM	73.8	71.7	2:06:42 PM	71.0	73.4	3:00:28 PM	71.2	71.5
6.0	10:29:28 AM	72.6	73.0	11:13:47 AM	70.5	71.6	9:20:15 AM	73.3	73.9	12:00:49 PM	72.4	73.5	1:04:24 PM	74.4	72.2	2:07:42 PM	72.6	73.3	3:01:28 PM	71.4	71.5
7.0	10:30:28 AM	75.6	73.3	11:14:47 AM	71.4	71.6	9:21:15 AM	73.0	73.7	12:01:49 PM	74.4	73.6	1:05:24 PM	73.1	72.3	2:08:42 PM	72.9	73.2	3:02:28 PM	69.7	71.2
8.0	10:31:28 AM	73.5	73.4	11:15:47 AM	71.3	71.5	9:22:15 AM	73.2	73.7	12:02:49 PM	75.1	73.8	1:06:24 PM	73.6	72.5	2:09:42 PM	73.4	73.2	3:03:28 PM	71.6	71.3
9.0	10:32:28 AM	73.0	73.3	11:16:47 AM	73.5	71.8	9:23:15 AM	74.6	73.8	12:03:49 PM	69.8	73.3	1:07:24 PM	73.6	72.6	2:10:42 PM	74.3	73.3	3:04:28 PM	73.0	71.5
10.0	10:33:28 AM	70.6	73.0	11:17:47 AM	71.8	71.8	9:24:15 AM	72.2	73.6	12:04:49 PM	72.9	73.3	1:08:24 PM	73.2	72.7	2:11:42 PM	70.7	73.1	3:05:28 PM	72.4	71.6
11.0	10:34:28 AM	71.5	72.9	11:18:47 AM	71.6	71.7	9:25:15 AM	74.2	73.7	12:05:49 PM	73.6	73.3	1:09:24 PM	74.2	72.8	2:12:42 PM	72.3	73.0	3:06:28 PM	71.8	71.6
12.0	10:35:28 AM	72.1	72.8	11:19:47 AM	71.8	71.8	9:26:15 AM	71.8	73.5	12:06:49 PM	73.0	73.3	1:10:24 PM	73.8	72.9	2:13:42 PM	69.9	72.8	3:07:28 PM	69.3	71.4
13.0	10:36:28 AM	72.6	72.8	11:20:47 AM	71.7	71.7	9:27:15 AM	74.3	73.6	12:07:49 PM	73.6	73.3	1:11:24 PM	73.1	72.9	2:14:42 PM	73.2	72.8	3:08:28 PM	70.3	71.3
14.0	10:37:28 AM	71.5	72.7	11:21:47 AM	72.8	71.8	9:28:15 AM	72.1	73.5	12:08:49 PM	74.3	73.4	1:12:24 PM	72.2	72.9	2:15:42 PM	73.5	72.8	3:09:28 PM	71.2	71.3
15.0	10:38:28 AM	72.0	72.7	11:22:47 AM	72.5	71.9	9:29:15 AM	72.3	73.4	12:09:49 PM	73.3	73.4	1:13:24 PM	73.1	72.9	2:16:42 PM	72.0	72.8	3:10:28 PM	72.2	71.4

Lima, OH, Vinyl Wall Site Pre-Construction | Noise Meter Session Reports, Cumulative

Interval	MC_AM1_6-15-21			MC_AM1_6-17-21			MC_AM2_6-17-21			MC_Midday1_6-15-21			MC_Midday1_6-17-21			MC_PM1_6-15-21			MC_PM1_6-17-21		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	6/15/2021 10:24:07 AM	68.5	68.5	6/17/2021 11:09:25 AM	69.7	69.7	6/17/2021 9:16:21 AM	71.5	71.5	6/15/2021 11:56:29 AM	69.4	69.4	6/17/2021 12:59:50 PM	67.3	67.3	6/15/2021 2:03:16 PM	72.2	72.2	6/17/2021 2:56:58 PM	67.1	67.1
2.0	10:25:07 AM	70.4	69.5	11:10:25 AM	69.7	69.7	9:17:21 AM	70.8	71.2	11:57:29 AM	71.3	70.4	1:00:50 PM	70.2	68.8	2:04:16 PM	69.1	70.7	2:57:58 PM	65.0	66.1
3.0	10:26:07 AM	69.5	69.5	11:11:25 AM	69.1	69.5	9:18:21 AM	72.7	71.7	11:58:29 AM	72.0	70.9	1:01:50 PM	67.6	68.4	2:05:16 PM	71.6	71.0	2:58:58 PM	69.0	67.0
4.0	10:27:07 AM	69.6	69.5	11:12:25 AM	68.6	69.3	9:19:21 AM	71.9	71.7	11:59:29 AM	70.1	70.7	1:02:50 PM	68.6	68.4	2:06:16 PM	73.4	71.6	2:59:58 PM	67.6	67.2
5.0	10:28:07 AM	70.4	69.7	11:13:25 AM	66.6	68.7	9:20:21 AM	70.7	71.5	12:00:29 PM	69.0	70.4	1:03:50 PM	67.9	68.3	2:07:16 PM	68.5	71.0	3:00:58 PM	67.4	67.2
6.0	10:29:07 AM	68.2	69.4	11:14:25 AM	67.6	68.6	9:21:21 AM	71.0	71.4	12:01:29 PM	68.5	70.1	1:04:50 PM	70.7	68.7	2:08:16 PM	68.3	70.5	3:01:58 PM	67.9	67.3
7.0	10:30:07 AM	69.3	69.4	11:15:25 AM	67.4	68.4	9:22:21 AM	70.7	71.3	12:02:29 PM	70.0	70.0	1:05:50 PM	70.7	69.0	2:09:16 PM	70.1	70.5	3:02:58 PM	66.3	67.2
8.0	10:31:07 AM	70.3	69.5	11:16:25 AM	68.3	68.4	9:23:21 AM	70.8	71.3	12:03:29 PM	71.1	70.2	1:06:50 PM	69.3	69.0	2:10:16 PM	69.7	70.4	3:03:58 PM	65.9	67.0
9.0	10:32:07 AM	71.0	69.7	11:17:25 AM	70.2	68.6	9:24:21 AM	72.3	71.4	12:04:29 PM	69.8	70.1	1:07:50 PM	71.0	69.3	2:11:16 PM	71.5	70.5	3:04:58 PM	68.5	67.2
10.0	10:33:07 AM	68.1	69.5	11:18:25 AM	70.1	68.7	9:25:21 AM	70.1	71.3	12:05:29 PM	69.8	70.1	1:08:50 PM	69.5	69.3	2:12:16 PM	69.8	70.4	3:05:58 PM	68.2	67.3
11.0	10:34:07 AM	65.1	69.1	11:19:25 AM	68.3	68.7	9:26:21 AM	71.9	71.3	12:06:29 PM	68.9	70.0	1:09:50 PM	69.6	69.3	2:13:16 PM	66.9	70.1	3:06:58 PM	68.1	67.4
12.0	10:35:07 AM	65.9	68.9	11:20:25 AM	68.2	68.7	9:27:21 AM	69.4	71.2	12:07:29 PM	71.5	70.1	1:10:50 PM	70.8	69.4	2:14:16 PM	67.8	69.9	3:07:58 PM	66.4	67.3
13.0	10:36:07 AM	67.1	68.7	11:21:25 AM	68.0	68.6	9:28:21 AM	71.8	71.2	12:08:29 PM	71.0	70.2	1:11:50 PM	69.8	69.5	2:15:16 PM	65.3	69.6	3:08:58 PM	66.2	67.2
14.0	10:37:07 AM	66.4	68.6	11:22:25 AM	70.1	68.7	9:29:21 AM	69.2	71.1	12:09:29 PM	71.1	70.3	1:12:50 PM	68.8	69.4	2:16:16 PM	70.6	69.6	3:09:58 PM	64.7	67.0
15.0	10:38:07 AM	65.8	68.4	11:23:25 AM	68.5	68.7	9:30:21 AM	69.7	71.0	12:10:29 PM	70.6	70.3	1:13:50 PM	67.4	69.3	2:17:16 PM	67.9	69.5	3:10:58 PM	69.4	67.2

Lima, OH, Vinyl Wall Site Pre-Construction | Noise Meter Session Reports, Cumulative

Interval	MD_AM1_6-15-21			MD_AM1_6-17-21			MD_AM2_6-17-21			MD_Midday1_6-15-21			MD_Midday1_6-17-21			MD_PM1_6-15-21			MD_PM1_6-17-21		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	6/15/2021 10:24:24 AM	68.7	68.7	6/17/2021 11:06:29 AM	68.2	68.2	6/17/2021 9:15:32 AM	69.7	69.7	6/15/2021 11:55:40 AM	69.0	69.0	6/17/2021 12:56:57 PM	66.7	66.7	6/15/2021 2:02:26 PM	71.3	71.3	6/17/2021 2:54:04 PM	67.3	67.3
2.0	10:25:24 AM	69.6	69.2	11:07:29 AM	68.0	68.1	9:16:32 AM	69.5	69.6	11:56:40 AM	69.6	69.3	12:57:57 PM	70.7	68.7	2:03:26 PM	68.6	70.0	2:55:04 PM	64.6	66.0
3.0	10:26:24 AM	68.2	68.8	11:08:29 AM	67.9	68.0	9:17:32 AM	72.0	70.4	11:57:40 AM	71.3	70.0	12:58:57 PM	66.9	68.1	2:04:26 PM	72.0	70.6	2:56:04 PM	68.9	66.9
4.0	10:27:24 AM	68.6	68.8	11:09:29 AM	67.6	67.9	9:18:32 AM	69.6	70.2	11:58:40 AM	68.6	69.6	12:59:57 PM	67.9	68.1	2:05:26 PM	72.0	71.0	2:57:04 PM	67.0	67.0
5.0	10:28:24 AM	67.0	68.4	11:10:29 AM	65.3	67.4	9:19:32 AM	70.6	70.3	11:59:40 AM	68.3	69.4	1:00:57 PM	68.0	68.0	2:06:26 PM	67.4	70.3	2:58:04 PM	66.9	66.9
6.0	10:29:24 AM	67.0	68.2	11:11:29 AM	66.6	67.3	9:20:32 AM	69.6	70.2	12:00:40 PM	67.5	69.1	1:01:57 PM	70.2	68.4	2:07:26 PM	67.4	69.8	2:59:04 PM	68.2	67.2
7.0	10:30:24 AM	70.4	68.5	11:12:29 AM	67.2	67.3	9:21:32 AM	70.5	70.2	12:01:40 PM	68.9	69.0	1:02:57 PM	70.0	68.6	2:08:26 PM	69.8	69.8	3:00:04 PM	66.3	67.0
8.0	10:31:24 AM	69.2	68.6	11:13:29 AM	66.6	67.2	9:22:32 AM	69.8	70.2	12:02:40 PM	71.2	69.3	1:03:57 PM	70.1	68.8	2:09:26 PM	68.9	69.7	3:01:04 PM	66.9	67.0
9.0	10:32:24 AM	66.9	68.4	11:14:29 AM	70.0	67.5	9:23:32 AM	69.5	70.1	12:03:40 PM	67.9	69.1	1:04:57 PM	70.6	69.0	2:10:26 PM	70.8	69.8	3:02:04 PM	68.7	67.2
10.0	10:33:24 AM	64.2	68.0	11:15:29 AM	68.5	67.6	9:24:32 AM	69.2	70.0	12:04:40 PM	70.0	69.2	1:05:57 PM	68.5	69.0	2:11:26 PM	67.6	69.6	3:03:04 PM	68.1	67.3
11.0	10:34:24 AM	63.9	67.6	11:16:29 AM	67.0	67.5	9:25:32 AM	70.4	70.0	12:05:40 PM	69.1	69.2	1:06:57 PM	69.0	69.0	2:12:26 PM	67.4	69.4	3:04:04 PM	67.5	67.3
12.0	10:35:24 AM	65.7	67.5	11:17:29 AM	67.5	67.5	9:26:32 AM	68.7	69.9	12:06:40 PM	70.4	69.3	1:07:57 PM	70.1	69.1	2:13:26 PM	65.6	69.1	3:05:04 PM	65.5	67.2
13.0	10:36:24 AM	65.2	67.3	11:18:29 AM	66.0	67.4	9:27:32 AM	70.5	70.0	12:07:40 PM	68.9	69.3	1:08:57 PM	69.4	69.1	2:14:26 PM	66.4	68.9	3:06:04 PM	66.4	67.1
14.0	10:37:24 AM	66.1	67.2	11:19:29 AM	69.1	67.5	9:28:32 AM	68.1	69.8	12:08:40 PM	70.0	69.3	1:09:57 PM	68.5	69.0	2:15:26 PM	68.4	68.8	3:07:04 PM	65.6	67.0
15.0	10:38:24 AM	67.1	67.2	11:20:29 AM	68.3	67.6	9:29:32 AM	69.4	69.8	12:09:40 PM	69.2	69.3	1:10:57 PM	67.8	69.0	2:16:26 PM	67.4	68.7	3:08:04 PM	68.9	67.1

Lima, OH, Vinyl Wall Site Pre-Construction | Noise Meter Session Reports, Cumulative

Interval	MD_AM1_6-15-21			MD_AM1_6-17-21			MD_AM2_6-17-21			MD_Midday1_6-15-21			MD_Midday1_6-17-21			MD_PM1_6-15-21			MD_PM1_6-17-21		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	6/15/2021 10:26:06 AM	63.7	63.7	6/17/2021 11:08:23 AM	83.1	83.1	6/17/2021 9:15:22 AM	92.9	92.9	6/15/2021 11:55:32 AM	86.2	86.2	6/17/2021 12:58:49 PM	69.5	69.5	6/15/2021 2:02:09 PM	95.0	95.0	6/17/2021 2:55:53 PM	58.4	58.4
2.0	10:27:06 AM	63.5	63.6	11:09:23 AM	61.7	72.4	9:16:22 AM	95.8	94.4	11:56:32 AM	81.4	83.8	12:59:49 PM	69.8	69.7	2:03:09 PM	96.7	95.9	2:56:53 PM	58.5	58.5
3.0	10:28:06 AM	61.0	62.7	11:10:23 AM	62.0	68.9	9:17:22 AM	89.0	92.6	11:57:32 AM	86.2	84.6	1:00:49 PM	84.5	74.6	2:04:09 PM	93.0	94.9	2:57:53 PM	62.2	59.7
4.0	10:29:06 AM	62.4	62.7	11:11:23 AM	76.1	70.7	9:18:22 AM	87.1	91.2	11:58:32 AM	80.1	83.5	1:01:49 PM	86.7	77.6	2:05:09 PM	90.3	93.8	2:58:53 PM	60.6	59.9
5.0	10:30:06 AM	64.2	63.0	11:12:23 AM	76.6	71.9	9:19:22 AM	83.0	89.6	11:59:32 AM	87.2	84.2	1:02:49 PM	80.5	78.2	2:06:09 PM	93.1	93.6	2:59:53 PM	60.0	59.9
6.0	10:31:06 AM	64.0	63.1	11:13:23 AM	73.1	72.1	9:20:22 AM	91.2	89.8	12:00:32 PM	84.3	84.2	1:03:49 PM	82.4	78.9	2:07:09 PM	89.0	92.9	3:00:53 PM	62.0	60.3
7.0	10:32:06 AM	60.4	62.7	11:14:23 AM	76.3	72.7	9:21:22 AM	83.1	88.9	12:01:32 PM	63.6	81.3	1:04:49 PM	66.2	77.1	2:08:09 PM	86.9	92.0	3:01:53 PM	59.7	60.2
8.0	10:33:06 AM	58.3	62.2	11:15:23 AM	84.7	74.2	9:22:22 AM	86.1	88.5	12:02:32 PM	88.9	82.2	1:05:49 PM	62.0	75.2	2:09:09 PM	89.2	92.1	3:02:53 PM	60.5	60.2
9.0	10:34:06 AM	58.9	61.8	11:16:23 AM	64.2	73.1	9:23:22 AM	85.0	88.1	12:03:32 PM	85.3	82.6	1:06:49 PM	63.5	73.9	2:10:09 PM	90.7	91.9	3:03:53 PM	61.8	60.4
10.0	10:35:06 AM	60.5	61.7	11:17:23 AM	62.5	72.0	9:24:22 AM	82.6	87.6	12:04:32 PM	69.8	81.3	1:07:49 PM	62.3	72.7	2:11:09 PM	94.5	92.2	3:04:53 PM	60.4	60.4
11.0	10:36:06 AM	59.2	61.5	11:18:23 AM	60.0	70.9	9:25:22 AM	82.3	87.1	12:05:32 PM	74.4	80.7	1:08:49 PM	69.9	72.5	2:12:09 PM	77.2	90.8	3:05:53 PM	59.5	60.3
12.0	10:37:06 AM	59.7	61.3	11:19:23 AM	60.6	70.1	9:26:22 AM	66.9	85.4	12:06:32 PM	67.9	79.6	1:09:49 PM	84.9	73.5	2:13:09 PM	83.1	90.2	3:06:53 PM	58.8	60.2
13.0	10:38:06 AM	62.4	61.4	11:20:23 AM	59.1	69.2	9:27:22 AM	75.1	84.6	12:07:32 PM	64.6	78.5	1:10:49 PM	75.2	73.6	2:14:09 PM	85.7	89.8	3:07:53 PM	59.1	60.1
14.0	10:39:06 AM	59.6	61.3	11:21:23 AM	64.5	68.9	9:28:22 AM	83.4	84.5	12:08:32 PM	71.7	78.0	1:11:49 PM	60.9	72.7	2:15:09 PM	86.3	89.6	3:08:53 PM	58.6	60.0
15.0	10:40:06 AM	62.6	61.4	11:22:23 AM	76.2	69.4	9:29:22 AM	77.1	84.0	12:09:32 PM	77.3	77.9	1:12:49 PM	59.9	71.9	2:16:09 PM	81.3	89.0	3:09:53 PM	62.1	60.1

Lima, OH, Concrete Wall Site | Noise Meter Session Reports, Cumulative

Interval	PostC_MeterA_072121			PostC_MeterA_072221-1			PostC_MeterA_072221-2			PostC_MeterB_072121			PostC_MeterB_072221-1			PostC_MeterB_072221-2		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	7/21/2021 10:23:02 AM	81.6	81.6	7/22/2021 10:27:13 AM	82.0	82.0	7/22/2021 2:01:07 PM	80.7	80.7	7/21/2021 10:24:14 AM	63.1	63.1	7/22/2021 10:28:24 AM	64.2	64.2	7/22/2021 2:02:04 PM	62.3	62.3
2.0	10:24:02 AM	81.6	81.6	10:28:13 AM	81.7	81.9	2:02:07 PM	81.2	81.0	10:25:14 AM	63.1	63.1	10:29:24 AM	62.4	63.3	2:03:04 PM	62.6	62.5
3.0	10:25:02 AM	82.6	81.9	10:29:13 AM	81.3	81.7	2:03:07 PM	82.4	81.4	10:26:14 AM	63.3	63.2	10:30:24 AM	62.0	62.9	2:04:04 PM	62.1	62.3
4.0	10:26:02 AM	81.5	81.8	10:30:13 AM	81.2	81.6	2:04:07 PM	81.4	81.4	10:27:14 AM	65.9	63.9	10:31:24 AM	61.7	62.6	2:05:04 PM	62.1	62.3
5.0	10:27:02 AM	82.1	81.9	10:31:13 AM	81.3	81.5	2:05:07 PM	79.2	81.0	10:28:14 AM	64.6	64.0	10:32:24 AM	62.4	62.5	2:06:04 PM	61.7	62.2
6.0	10:28:02 AM	83.0	82.1	10:32:13 AM	81.2	81.5	2:06:07 PM	81.8	81.1	10:29:14 AM	64.0	64.0	10:33:24 AM	61.5	62.4	2:07:04 PM	60.8	61.9
7.0	10:29:02 AM	82.8	82.2	10:33:13 AM	80.8	81.4	2:07:07 PM	81.7	81.2	10:30:14 AM	62.2	63.7	10:34:24 AM	62.8	62.4	2:08:04 PM	62.8	62.1
8.0	10:30:02 AM	81.2	82.1	10:34:13 AM	82.3	81.5	2:08:07 PM	81.1	81.2	10:31:14 AM	63.1	63.7	10:35:24 AM	62.0	62.4	2:09:04 PM	61.2	62.0
9.0	10:31:02 AM	82.1	82.1	10:35:13 AM	81.1	81.4	2:09:07 PM	81.5	81.2	10:32:14 AM	64.0	63.7	10:36:24 AM	62.4	62.4	2:10:04 PM	64.3	62.2
10.0	10:32:02 AM	81.6	82.0	10:36:13 AM	81.0	81.4	2:10:07 PM	82.5	81.4	10:33:14 AM	62.2	63.6	10:37:24 AM	61.3	62.3	2:11:04 PM	64.9	62.5
11.0	10:33:02 AM	81.3	81.9	10:37:13 AM	80.0	81.3	2:11:07 PM	80.4	81.3	10:34:14 AM	65.0	63.7	10:38:24 AM	62.4	62.3	2:12:04 PM	63.4	62.6
12.0	10:34:02 AM	82.3	82.0	10:38:13 AM	81.7	81.3	2:12:07 PM	82.4	81.4	10:35:14 AM	62.5	63.6	10:39:24 AM	62.6	62.3	2:13:04 PM	61.3	62.5
13.0	10:35:02 AM	81.4	81.9	10:39:13 AM	81.7	81.3	2:13:07 PM	81.3	81.4	10:36:14 AM	65.1	63.7	10:40:24 AM	62.3	62.3	2:14:04 PM	62.3	62.4
14.0	10:36:02 AM	83.5	82.0	10:40:13 AM	81.7	81.4	2:14:07 PM	81.5	81.4	10:37:14 AM	64.2	63.7	10:41:24 AM	63.2	62.4	2:15:04 PM	60.5	62.3
15.0	10:37:02 AM	82.7	82.1	10:41:13 AM	81.6	81.4	2:15:07 PM	80.6	81.3	10:38:14 AM	63.1	63.7	10:42:24 AM	62.0	62.3	2:16:04 PM	63.3	62.4

Lima, OH, Concrete Wall Site | Noise Meter Session Reports, Cumulative

Interval	PostC_MeterC_072121			PostC_MeterC_072221-1			PostC_MeterC_072221-2			PostC_MeterD_072121			PostC_MeterD_072221-1			PostC_MeterD_072221-2		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	7/21/2021 10:24:06 AM	63.8	63.8	7/22/2021 2:01:54 PM	62.4	62.4	7/22/2021 10:28:14 AM	62.8	62.8	7/21/2021 10:24:08 AM	63.4	63.4	7/22/2021 10:28:15 AM	62.8	62.8	7/22/2021 2:01:57 PM	62.0	62.0
2.0	10:25:06 AM	63.8	63.8	2:02:54 PM	63.0	62.7	10:29:14 AM	63.4	63.1	10:25:08 AM	64.0	63.7	10:29:15 AM	62.6	62.7	2:02:57 PM	62.9	62.5
3.0	10:26:06 AM	67.1	64.9	2:03:54 PM	62.9	62.8	10:30:14 AM	63.3	63.2	10:26:08 AM	73.9	67.1	10:30:15 AM	62.2	62.5	2:03:57 PM	64.3	63.1
4.0	10:27:06 AM	64.8	64.9	2:04:54 PM	63.3	62.9	10:31:14 AM	63.4	63.2	10:27:08 AM	64.2	66.4	10:31:15 AM	64.1	62.9	2:04:57 PM	60.7	62.5
5.0	10:28:06 AM	65.1	64.9	2:05:54 PM	62.8	62.9	10:32:14 AM	62.8	63.1	10:28:08 AM	65.0	66.1	10:32:15 AM	62.8	62.9	2:05:57 PM	62.3	62.4
6.0	10:29:06 AM	64.7	64.9	2:06:54 PM	63.3	63.0	10:33:14 AM	62.8	63.1	10:29:08 AM	63.8	65.7	10:33:15 AM	62.2	62.8	2:06:57 PM	62.2	62.4
7.0	10:30:06 AM	62.7	64.6	2:07:54 PM	62.7	62.9	10:34:14 AM	63.8	63.2	10:30:08 AM	63.4	65.4	10:34:15 AM	63.4	62.9	2:07:57 PM	62.9	62.5
8.0	10:31:06 AM	64.9	64.6	2:08:54 PM	62.6	62.9	10:35:14 AM	63.0	63.2	10:31:08 AM	64.7	65.3	10:35:15 AM	63.7	63.0	2:08:57 PM	63.3	62.6
9.0	10:32:06 AM	63.9	64.5	2:09:54 PM	69.9	63.7	10:36:14 AM	63.1	63.2	10:32:08 AM	62.8	65.0	10:36:15 AM	62.6	62.9	2:09:57 PM	69.5	63.3
10.0	10:33:06 AM	62.5	64.3	2:10:54 PM	62.4	63.5	10:37:14 AM	62.2	63.1	10:33:08 AM	64.6	65.0	10:37:15 AM	63.4	63.0	2:10:57 PM	62.8	63.3
11.0	10:34:06 AM	65.3	64.4	2:11:54 PM	63.7	63.5	10:38:14 AM	63.0	63.1	10:34:08 AM	63.9	64.9	10:38:15 AM	62.0	62.9	2:11:57 PM	63.7	63.3
12.0	10:35:06 AM	64.4	64.4	2:12:54 PM	63.1	63.5	10:39:14 AM	63.7	63.1	10:35:08 AM	64.8	64.9	10:39:15 AM	63.7	63.0	2:12:57 PM	62.7	63.3
13.0	10:36:06 AM	66.7	64.6	2:13:54 PM	63.3	63.5	10:40:14 AM	63.1	63.1	10:36:08 AM	65.6	64.9	10:40:15 AM	62.9	63.0	2:13:57 PM	63.0	63.3
14.0	10:37:06 AM	65.4	64.7	2:14:54 PM	62.6	63.4	10:41:14 AM	64.3	63.2	10:37:08 AM	65.1	64.9	10:41:15 AM	65.0	63.1	2:14:57 PM	63.7	63.3
15.0	10:38:06 AM	65.3	64.7	2:15:54 PM	63.9	63.5	10:42:14 AM	63.4	63.2	10:38:08 AM	65.8	65.0	10:42:15 AM	62.9	63.1	2:15:57 PM	63.8	63.3

Lima, OH, Concrete Wall Site | Noise Meter Session Reports, Cumulative

Interval	PostC_MeterE_072121			PostC_MeterE_072221-1			PostC_MeterE_072221-2		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	7/21/2021 10:24:28 AM	62.3	62.3	7/22/2021 10:28:43 AM	59.7	59.7	7/22/2021 2:02:22 PM	62.5	62.5
2.0	10:25:28 AM	60.5	61.4	10:29:43 AM	59.3	59.5	2:03:22 PM	57.4	60.0
3.0	10:26:28 AM	71.8	64.9	10:30:43 AM	60.0	59.7	2:04:22 PM	65.2	61.7
4.0	10:27:28 AM	62.3	64.2	10:31:43 AM	60.2	59.8	2:05:22 PM	59.3	61.1
5.0	10:28:28 AM	63.5	64.1	10:32:43 AM	58.8	59.6	2:06:22 PM	59.0	60.7
6.0	10:29:28 AM	61.1	63.6	10:33:43 AM	59.2	59.5	2:07:22 PM	59.4	60.5
7.0	10:30:28 AM	60.8	63.2	10:34:43 AM	60.0	59.6	2:08:22 PM	59.7	60.4
8.0	10:31:28 AM	61.3	63.0	10:35:43 AM	60.9	59.8	2:09:22 PM	71.3	61.7
9.0	10:32:28 AM	59.8	62.6	10:36:43 AM	59.5	59.7	2:10:22 PM	61.5	61.7
10.0	10:33:28 AM	62.5	62.6	10:37:43 AM	60.5	59.8	2:11:22 PM	61.4	61.7
11.0	10:34:28 AM	61.7	62.5	10:38:43 AM	61.0	59.9	2:12:22 PM	61.7	61.7
12.0	10:35:28 AM	66.1	62.8	10:39:43 AM	59.2	59.9	2:13:22 PM	59.6	61.5
13.0	10:36:28 AM	63.0	62.8	10:40:43 AM	64.9	60.2	2:14:22 PM	59.0	61.3
14.0	10:37:28 AM	61.9	62.8	10:41:43 AM	61.7	60.4	2:15:22 PM	62.2	61.4
15.0	10:38:28 AM	64.3	62.9	10:42:43 AM	59.0	60.3	2:16:22 PM	60.0	61.3

Lima, OH, Vinyl Wall Site Post-Construction | Noise Meter Session Reports, Cumulative

Interval	PostC_MeterA_072121			PostC_MeterA_072221-1			PostC_MeterA_072221-2			PostC_MeterB_072121			PostC_MeterB_072221-1			PostC_MeterB_072221-2		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	7/21/2021 9:18:11 AM	75.0	75.0	7/22/2021 1:20:05 PM	75.0	75.0	7/22/2021 9:41:48 AM	76.9	76.9	7/21/2021 9:18:56 AM	62.4	62.4	7/22/2021 9:41:52 AM	63.7	63.7	7/22/2021 1:20:54 PM	61.3	61.3
2.0	9:19:11 AM	76.5	75.8	1:21:05 PM	75.8	75.4	9:42:48 AM	77.0	77.0	9:19:56 AM	64.4	63.4	9:42:52 AM	63.4	63.6	1:21:54 PM	64.2	62.8
3.0	9:20:11 AM	77.1	76.2	1:22:05 PM	76.9	75.9	9:43:48 AM	79.8	77.9	9:20:56 AM	62.3	63.0	9:43:52 AM	64.7	63.9	1:22:54 PM	61.3	62.3
4.0	9:21:11 AM	78.8	76.9	1:23:05 PM	75.9	75.9	9:44:48 AM	77.6	77.8	9:21:56 AM	66.3	63.9	9:44:52 AM	64.8	64.2	1:23:54 PM	63.2	62.5
5.0	9:22:11 AM	77.1	76.9	1:24:05 PM	76.6	76.0	9:45:48 AM	75.0	77.3	9:22:56 AM	62.7	63.6	9:45:52 AM	62.8	63.9	1:24:54 PM	62.6	62.5
6.0	9:23:11 AM	77.4	77.0	1:25:05 PM	76.2	76.1	9:46:48 AM	77.7	77.3	9:23:56 AM	63.3	63.6	9:46:52 AM	62.4	63.6	1:25:54 PM	62.8	62.6
7.0	9:24:11 AM	77.4	77.0	1:26:05 PM	77.2	76.2	9:47:48 AM	76.8	77.3	9:24:56 AM	65.5	63.8	9:47:52 AM	64.7	63.8	1:26:54 PM	62.2	62.5
8.0	9:25:11 AM	78.5	77.2	1:27:05 PM	77.1	76.3	9:48:48 AM	76.7	77.2	9:25:56 AM	64.4	63.9	9:48:52 AM	62.9	63.7	1:27:54 PM	62.1	62.5
9.0	9:26:11 AM	76.4	77.1	1:28:05 PM	76.1	76.3	9:49:48 AM	77.9	77.3	9:26:56 AM	64.4	64.0	9:49:52 AM	64.4	63.8	1:28:54 PM	62.0	62.4
10.0	9:27:11 AM	77.9	77.2	1:29:05 PM	75.8	76.3	9:50:48 AM	75.6	77.1	9:27:56 AM	63.4	63.9	9:50:52 AM	63.8	63.8	1:29:54 PM	64.2	62.6
11.0	9:28:11 AM	77.0	77.2	1:30:05 PM	78.7	76.5	9:51:48 AM	75.5	77.0	9:28:56 AM	64.7	64.0	9:51:52 AM	61.9	63.6	1:30:54 PM	63.0	62.6
12.0	9:29:11 AM	78.2	77.3	1:31:05 PM	77.4	76.6	9:52:48 AM	78.7	77.1	9:29:56 AM	64.8	64.1	9:52:52 AM	65.0	63.7	1:31:54 PM	63.1	62.7
13.0	9:30:11 AM	77.2	77.3	1:32:05 PM	77.8	76.7	9:53:48 AM	76.7	77.1	9:30:56 AM	63.1	64.0	9:53:52 AM	63.8	63.7	1:32:54 PM	64.0	62.8
14.0	9:31:11 AM	76.9	77.2	1:33:05 PM	77.5	76.7	9:54:48 AM	77.8	77.1	9:31:56 AM	63.2	63.9	9:54:52 AM	64.6	63.8	1:33:54 PM	63.0	62.8
15.0	9:32:11 AM	76.6	77.2	1:34:05 PM	76.2	76.7	9:55:48 AM	76.8	77.1	9:32:56 AM	63.5	63.9	9:55:52 AM	62.9	63.7	1:34:54 PM	63.5	62.8

Lima, OH, Vinyl Wall Site Post-Construction | Noise Meter Session Reports, Cumulative

Interval	PostC_MeterC_072121			PostC_MeterC_072221-1			PostC_MeterC_072221-2			PostC_MeterD_072121			PostC_MeterD_072221-1			PostC_MeterD_072221-2		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	7/21/2021 9:18:43 AM	64.6	64.6	7/22/2021 9:42:14 AM	65.0	65.0	7/22/2021 1:20:45 PM	62.9	62.9	7/21/2021 9:18:22 AM	64.8	64.8	7/22/2021 9:41:17 AM	71.6	71.6	7/22/2021 1:20:22 PM	63.1	63.1
2.0	9:19:43 AM	66.0	65.3	9:43:14 AM	66.2	65.6	1:21:45 PM	65.4	64.2	9:19:22 AM	66.4	65.6	9:42:17 AM	66.7	69.2	1:21:22 PM	66.0	64.6
3.0	9:20:43 AM	66.2	65.6	9:44:14 AM	66.3	65.8	1:22:45 PM	64.5	64.3	9:20:22 AM	65.7	65.6	9:43:17 AM	66.5	68.3	1:22:22 PM	64.2	64.4
4.0	9:21:43 AM	67.5	66.1	9:45:14 AM	65.3	65.7	1:23:45 PM	63.3	64.0	9:21:22 AM	68.9	66.5	9:44:17 AM	66.1	67.7	1:23:22 PM	64.9	64.6
5.0	9:22:43 AM	64.8	65.8	9:46:14 AM	63.8	65.3	1:24:45 PM	64.4	64.1	9:22:22 AM	64.8	66.1	9:45:17 AM	65.0	67.2	1:24:22 PM	64.4	64.5
6.0	9:23:43 AM	65.4	65.8	9:47:14 AM	66.8	65.6	1:25:45 PM	63.5	64.0	9:23:22 AM	65.5	66.0	9:46:17 AM	64.9	66.8	1:25:22 PM	64.3	64.5
7.0	9:24:43 AM	67.1	65.9	9:48:14 AM	64.1	65.4	1:26:45 PM	64.7	64.1	9:24:22 AM	67.2	66.2	9:47:17 AM	66.2	66.7	1:26:22 PM	65.3	64.6
8.0	9:25:43 AM	66.3	66.0	9:49:14 AM	65.3	65.4	1:27:45 PM	61.7	63.8	9:25:22 AM	66.3	66.2	9:48:17 AM	64.7	66.5	1:27:22 PM	62.9	64.4
9.0	9:26:43 AM	66.8	66.1	9:50:14 AM	65.8	65.4	1:28:45 PM	64.0	63.8	9:26:22 AM	67.5	66.3	9:49:17 AM	65.7	66.4	1:28:22 PM	63.7	64.3
10.0	9:27:43 AM	66.6	66.1	9:51:14 AM	62.3	65.1	1:29:45 PM	64.6	63.9	9:27:22 AM	66.2	66.3	9:50:17 AM	65.2	66.3	1:29:22 PM	65.1	64.4
11.0	9:28:43 AM	67.6	66.3	9:52:14 AM	65.6	65.1	1:30:45 PM	63.3	63.8	9:28:22 AM	67.0	66.4	9:51:17 AM	63.4	66.0	1:30:22 PM	64.0	64.4
12.0	9:29:43 AM	67.4	66.4	9:53:14 AM	65.8	65.2	1:31:45 PM	64.5	63.9	9:29:22 AM	67.2	66.5	9:52:17 AM	66.4	66.0	1:31:22 PM	64.4	64.4
13.0	9:30:43 AM	65.5	66.3	9:54:14 AM	64.6	65.1	1:32:45 PM	65.6	64.0	9:30:22 AM	65.8	66.4	9:53:17 AM	65.4	66.0	1:32:22 PM	66.1	64.5
14.0	9:31:43 AM	65.3	66.2	9:55:14 AM	65.2	65.2	1:33:45 PM	63.8	64.0	9:31:22 AM	66.0	66.4	9:54:17 AM	66.2	66.0	1:33:22 PM	64.6	64.5
15.0	9:32:43 AM	65.2	66.2	9:56:14 AM	66.2	65.2	1:34:45 PM	65.5	64.1	9:32:22 AM	64.8	66.3	9:55:17 AM	64.1	65.9	1:34:22 PM	66.1	64.6

Lima, OH, Vinyl Wall Site Post-Construction | Noise Meter Session Reports, Cumulative

Interval	PostC_MeterE_072121			PostC_MeterE_072221-1			PostC_MeterE_072221-2		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	7/21/2021 9:17:51 AM	62.5	62.5	7/22/2021 9:41:42 AM	60.3	60.3	7/22/2021 1:19:46 PM	60.5	60.5
2.0	9:18:51 AM	63.6	63.1	9:42:42 AM	61.3	60.8	1:20:46 PM	61.2	60.9
3.0	9:19:51 AM	63.5	63.2	9:43:42 AM	62.2	61.3	1:21:46 PM	62.9	61.5
4.0	9:20:51 AM	65.0	63.7	9:44:42 AM	62.1	61.5	1:22:46 PM	61.9	61.6
5.0	9:21:51 AM	63.3	63.6	9:45:42 AM	59.9	61.2	1:23:46 PM	60.6	61.4
6.0	9:22:51 AM	63.6	63.6	9:46:42 AM	62.8	61.4	1:24:46 PM	61.2	61.4
7.0	9:23:51 AM	63.9	63.6	9:47:42 AM	60.4	61.3	1:25:46 PM	61.1	61.3
8.0	9:24:51 AM	65.2	63.8	9:48:42 AM	60.6	61.2	1:26:46 PM	61.8	61.4
9.0	9:25:51 AM	63.7	63.8	9:49:42 AM	61.5	61.2	1:27:46 PM	60.1	61.3
10.0	9:26:51 AM	64.1	63.8	9:50:42 AM	59.5	61.1	1:28:46 PM	59.8	61.1
11.0	9:27:51 AM	63.5	63.8	9:51:42 AM	60.0	61.0	1:29:46 PM	60.7	61.1
12.0	9:28:51 AM	65.6	64.0	9:52:42 AM	62.7	61.1	1:30:46 PM	60.1	61.0
13.0	9:29:51 AM	62.4	63.8	9:53:42 AM	61.4	61.1	1:31:46 PM	62.2	61.1
14.0	9:30:51 AM	62.7	63.8	9:54:42 AM	60.5	61.1	1:32:46 PM	62.3	61.2
15.0	9:31:51 AM	62.5	63.7	9:55:42 AM	60.2	61.0	1:33:46 PM	61.9	61.2

Lima, OH, Concrete Wall Site | Noise Meter Session Reports, Cumulative

Interval	PostC_MeterA_092921-1			PostC_MeterA_092921-2			PostC_MeterB_092921-1			PostC_MeterB_092921-2			PostC_MeterC_092921-1			PostC_MeterC_092921-2		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	9/29/2021 11:22:17 AM	79.8	79.8	9/29/2021 2:46:01 PM	77.4	77.4	9/29/2021 11:22:50 AM	65.2	65.2	9/29/2021 2:46:12 PM	62.7	62.7	9/29/2021 11:23:20 AM	65.5	65.5	9/29/2021 2:46:07 PM	62.9	62.9
2.0	11:23:17 AM	84.4	82.1	2:47:01 PM	81.4	79.4	11:23:50 AM	65.4	65.3	2:47:12 PM	64.0	63.4	11:24:20 AM	63.9	64.7	2:47:07 PM	64.2	63.6
3.0	11:24:17 AM	82.3	82.2	2:48:01 PM	81.0	79.9	11:24:50 AM	63.8	64.8	2:48:12 PM	64.5	63.7	11:25:20 AM	63.9	64.4	2:48:07 PM	64.6	63.9
4.0	11:25:17 AM	81.2	81.9	2:49:01 PM	81.9	80.4	11:25:50 AM	62.7	64.3	2:49:12 PM	63.6	63.7	11:26:20 AM	63.5	64.2	2:49:07 PM	64.0	63.9
5.0	11:26:17 AM	79.8	81.5	2:50:01 PM	81.1	80.6	11:26:50 AM	61.9	63.8	2:50:12 PM	64.0	63.8	11:27:20 AM	62.4	63.8	2:50:07 PM	64.7	64.1
6.0	11:27:17 AM	79.6	81.2	2:51:01 PM	82.5	80.9	11:27:50 AM	62.5	63.6	2:51:12 PM	68.7	64.6	11:28:20 AM	65.4	64.1	2:51:07 PM	71.9	65.4
7.0	11:28:17 AM	83.4	81.5	2:52:01 PM	80.4	80.8	11:28:50 AM	67.0	64.1	2:52:12 PM	63.2	64.4	11:29:20 AM	65.2	64.3	2:52:07 PM	63.2	65.1
8.0	11:29:17 AM	81.6	81.5	2:53:01 PM	81.5	80.9	11:29:50 AM	64.0	64.1	2:53:12 PM	63.9	64.3	11:30:20 AM	63.4	64.2	2:53:07 PM	64.2	65.0
9.0	11:30:17 AM	81.1	81.5	2:54:01 PM	82.4	81.1	11:30:50 AM	64.5	64.1	2:54:12 PM	65.7	64.5	11:31:20 AM	63.1	64.0	2:54:07 PM	66.4	65.1
10.0	11:31:17 AM	80.0	81.3	2:55:01 PM	80.3	81.0	11:31:50 AM	64.2	64.1	2:55:12 PM	62.7	64.3	11:32:20 AM	62.5	63.9	2:55:07 PM	63.0	64.9
11.0	11:32:17 AM	80.4	81.2	2:56:01 PM	82.5	81.1	11:32:50 AM	63.7	64.1	2:56:12 PM	65.1	64.4	11:33:20 AM	62.8	63.8	2:56:07 PM	66.0	65.0
12.0	11:33:17 AM	80.1	81.1	2:57:01 PM	81.0	81.1	11:33:50 AM	64.2	64.1	2:57:12 PM	63.6	64.3	11:34:20 AM	64.3	63.8	2:57:07 PM	63.4	64.9
13.0	11:34:17 AM	82.4	81.2	2:58:01 PM	83.0	81.3	11:34:50 AM	66.3	64.3	2:58:12 PM	73.3	65.0	11:35:20 AM	65.0	63.9	2:58:07 PM	77.0	65.8
14.0	11:35:17 AM	83.2	81.4	2:59:01 PM	81.8	81.3	11:35:50 AM	63.8	64.2	2:59:12 PM	65.5	65.0	11:36:20 AM	64.0	63.9	2:59:07 PM	67.5	65.9
15.0	11:36:17 AM	79.5	81.3	3:00:01 PM	82.6	81.4	11:36:50 AM	66.1	64.4	3:00:12 PM	65.3	65.1	11:37:20 AM	65.1	64.0	3:00:07 PM	65.1	65.9

Lima, OH, Concrete Wall Site | Noise Meter Session Reports, Cumulative

Interval	PostC_MeterD_092921-1			PostC_MeterD_092921-2			PostC_MeterE_092921-1			PostC_MeterE_092921-2		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	9/29/2021 11:23:49 AM	64.5	64.5	9/29/2021 2:46:36 PM	63.0	63.0	9/29/2021 11:24:20 AM	58.6	58.6	9/29/2021 2:46:49 PM	59.7	59.7
2.0	11:24:49 AM	63.0	63.8	2:47:36 PM	65.4	64.2	11:25:20 AM	59.0	58.8	2:47:49 PM	62.7	61.2
3.0	11:25:49 AM	63.5	63.7	2:48:36 PM	63.7	64.0	11:26:20 AM	58.3	58.6	2:48:49 PM	59.5	60.6
4.0	11:26:49 AM	62.9	63.5	2:49:36 PM	63.7	64.0	11:27:20 AM	57.8	58.4	2:49:49 PM	60.0	60.5
5.0	11:27:49 AM	61.2	63.0	2:50:36 PM	73.6	65.9	11:28:20 AM	59.5	58.6	2:50:49 PM	73.6	63.1
6.0	11:28:49 AM	65.0	63.4	2:51:36 PM	69.1	66.4	11:29:20 AM	62.6	59.3	2:51:49 PM	62.0	62.9
7.0	11:29:49 AM	66.2	63.8	2:52:36 PM	63.3	66.0	11:30:20 AM	62.8	59.8	2:52:49 PM	60.1	62.5
8.0	11:30:49 AM	62.6	63.6	2:53:36 PM	63.9	65.7	11:31:20 AM	58.0	59.6	2:53:49 PM	65.3	62.9
9.0	11:31:49 AM	62.5	63.5	2:54:36 PM	66.1	65.8	11:32:20 AM	58.7	59.5	2:54:49 PM	60.7	62.6
10.0	11:32:49 AM	62.4	63.4	2:55:36 PM	63.3	65.5	11:33:20 AM	57.4	59.3	2:55:49 PM	70.5	63.4
11.0	11:33:49 AM	62.3	63.3	2:56:36 PM	64.8	65.4	11:34:20 AM	59.0	59.2	2:56:49 PM	57.6	62.9
12.0	11:34:49 AM	64.5	63.4	2:57:36 PM	63.2	65.3	11:35:20 AM	59.4	59.3	2:57:49 PM	65.7	63.1
13.0	11:35:49 AM	63.2	63.4	2:58:36 PM	82.2	66.6	11:36:20 AM	64.1	59.6	2:58:49 PM	77.5	64.2
14.0	11:36:49 AM	64.9	63.5	2:59:36 PM	66.6	66.6	11:37:20 AM	60.5	59.7	2:59:49 PM	65.5	64.3
15.0	11:37:49 AM	64.1	63.5	3:00:36 PM	72.3	66.9	11:38:20 AM	60.9	59.8	3:00:49 PM	75.9	65.1

Lima, OH, No Wall Site | Noise Meter Session Reports, Cumulative

Interval	PostC_MeterA_092921-1			PostC_MeterA_092921-2			PostC_MeterB_092921-1			PostC_MeterB_092921-2			PostC_MeterC_092921-1			PostC_MeterC_092921-2		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	9/29/2021 10:22:52 AM	77.6	77.6	9/29/2021 1:58:04 PM	75.4	75.4	9/29/2021 10:23:04 AM	72.4	72.4	9/29/2021 1:57:57 PM	68.9	68.9	9/29/2021 10:22:52 AM	65.3	65.3	9/29/2021 1:57:52 PM	62.8	62.8
2.0	10:23:52 AM	77.0	77.3	1:59:04 PM	80.4	77.9	10:24:04 AM	72.4	72.4	1:58:57 PM	75.2	72.1	10:23:52 AM	65.7	65.5	1:58:52 PM	68.9	65.9
3.0	10:24:52 AM	79.1	77.9	2:00:04 PM	80.2	78.7	10:25:04 AM	74.7	73.2	1:59:57 PM	76.1	73.4	10:24:52 AM	67.5	66.2	1:59:52 PM	69.9	67.2
4.0	10:25:52 AM	78.5	78.1	2:01:04 PM	81.3	79.3	10:26:04 AM	73.4	73.2	2:00:57 PM	77.4	74.4	10:25:52 AM	67.6	66.5	2:00:52 PM	70.5	68.0
5.0	10:26:52 AM	80.8	78.6	2:02:04 PM	79.9	79.4	10:27:04 AM	75.3	73.6	2:01:57 PM	76.6	74.8	10:26:52 AM	66.5	66.5	2:01:52 PM	72.0	68.8
6.0	10:27:52 AM	79.6	78.8	2:03:04 PM	80.6	79.6	10:28:04 AM	73.4	73.6	2:02:57 PM	75.6	75.0	10:27:52 AM	66.7	66.6	2:02:52 PM	70.0	69.0
7.0	10:28:52 AM	80.2	79.0	2:04:04 PM	78.5	79.5	10:29:04 AM	73.3	73.6	2:03:57 PM	75.6	75.1	10:28:52 AM	67.0	66.6	2:03:52 PM	68.7	69.0
8.0	10:29:52 AM	79.0	79.0	2:05:04 PM	79.5	79.5	10:30:04 AM	72.9	73.5	2:04:57 PM	75.5	75.1	10:29:52 AM	66.0	66.5	2:04:52 PM	68.4	68.9
9.0	10:30:52 AM	80.4	79.1	2:06:04 PM	79.7	79.5	10:31:04 AM	73.4	73.5	2:05:57 PM	76.8	75.3	10:30:52 AM	67.4	66.6	2:05:52 PM	71.4	69.2
10.0	10:31:52 AM	80.1	79.2	2:07:04 PM	80.3	79.6	10:32:04 AM	72.4	73.4	2:06:57 PM	76.7	75.4	10:31:52 AM	66.5	66.6	2:06:52 PM	70.7	69.3
11.0	10:32:52 AM	77.8	79.1	2:08:04 PM	77.4	79.4	10:33:04 AM	73.7	73.4	2:07:57 PM	74.6	75.4	10:32:52 AM	65.2	66.5	2:07:52 PM	69.5	69.3
12.0	10:33:52 AM	81.7	79.3	2:09:04 PM	79.6	79.4	10:34:04 AM	74.2	73.5	2:08:57 PM	75.8	75.4	10:33:52 AM	68.6	66.7	2:08:52 PM	69.8	69.4
13.0	10:34:52 AM	79.7	79.3	2:10:04 PM	79.4	79.4	10:35:04 AM	74.5	73.5	2:09:57 PM	76.0	75.4	10:34:52 AM	68.0	66.8	2:09:52 PM	70.7	69.5
14.0	10:35:52 AM	79.2	79.3	2:11:04 PM	78.2	79.3	10:36:04 AM	74.3	73.6	2:10:57 PM	75.8	75.5	10:35:52 AM	69.7	67.0	2:10:52 PM	70.4	69.6
15.0	10:36:52 AM	79.7	79.4	2:12:04 PM	79.4	79.3	10:37:04 AM	74.4	73.6	2:11:57 PM	75.1	75.4	10:36:52 AM	67.4	67.0	2:11:52 PM	70.0	69.6

Lima, OH, No Wall Site | Noise Meter Session Reports, Cumulative

Interval	PostC_MeterD_092921-1			PostC_MeterD_092921-2			PostC_MeterE_092921-1			PostC_MeterE_092921-2		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	9/29/2021 10:23:02 AM	62.9	62.9	9/29/2021 1:58:09 PM	81.0	81.0	9/29/2021 10:23:16 AM	58.7	58.7	9/29/2021 1:58:23 PM	61.3	61.3
2.0	10:24:02 AM	62.3	62.6	1:59:09 PM	66.5	73.8	10:24:16 AM	60.9	59.8	1:59:23 PM	64.7	63.0
3.0	10:25:02 AM	65.5	63.6	2:00:09 PM	67.9	71.8	10:25:16 AM	61.0	60.2	2:00:23 PM	65.4	63.8
4.0	10:26:02 AM	64.7	63.9	2:01:09 PM	70.5	71.5	10:26:16 AM	61.6	60.6	2:01:23 PM	67.2	64.7
5.0	10:27:02 AM	64.2	63.9	2:02:09 PM	66.4	70.5	10:27:16 AM	61.5	60.7	2:02:23 PM	65.0	64.7
6.0	10:28:02 AM	63.7	63.9	2:03:09 PM	68.4	70.1	10:28:16 AM	58.9	60.4	2:03:23 PM	63.5	64.5
7.0	10:29:02 AM	63.8	63.9	2:04:09 PM	65.1	69.4	10:29:16 AM	60.4	60.4	2:04:23 PM	62.7	64.3
8.0	10:30:02 AM	63.5	63.8	2:05:09 PM	66.5	69.0	10:30:16 AM	60.2	60.4	2:05:23 PM	66.4	64.5
9.0	10:31:02 AM	64.4	63.9	2:06:09 PM	68.6	69.0	10:31:16 AM	60.2	60.4	2:06:23 PM	64.7	64.5
10.0	10:32:02 AM	63.3	63.8	2:07:09 PM	68.6	69.0	10:32:16 AM	60.3	60.4	2:07:23 PM	67.1	64.8
11.0	10:33:02 AM	64.2	63.9	2:08:09 PM	66.6	68.7	10:33:16 AM	60.8	60.4	2:08:23 PM	63.4	64.7
12.0	10:34:02 AM	64.8	63.9	2:09:09 PM	68.2	68.7	10:34:16 AM	60.0	60.4	2:09:23 PM	65.0	64.7
13.0	10:35:02 AM	65.5	64.1	2:10:09 PM	66.9	68.6	10:35:16 AM	62.2	60.5	2:10:23 PM	64.6	64.7
14.0	10:36:02 AM	67.2	64.3	2:11:09 PM	69.6	68.6	10:36:16 AM	63.3	60.7	2:11:23 PM	68.6	65.0
15.0	10:37:02 AM	65.3	64.4	2:12:09 PM	66.7	68.5	10:37:16 AM	62.2	60.8	2:12:23 PM	63.2	64.9

Lima, OH, Vinyl Wall Site Post-Construction | Noise Meter Session Reports, Cumulative

Interval	PostC_MeterA_092921-1			PostC_MeterA_092921-2			PostC_MeterB_092921-1			PostC_MeterB_092921-2			PostC_MeterC_092921-1			PostC_MeterC_092921-2		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	9/29/2021 9:23:09 AM	76.0	76.0	9/29/2021 1:18:21 PM	76.0	76.0	9/29/2021 9:23:24 AM	63.3	63.3	9/29/2021 1:18:40 PM	64.1	64.1	9/29/2021 9:23:05 AM	65.2	65.2	9/29/2021 1:18:18 PM	63.9	63.9
2.0	9:24:09 AM	77.3	76.7	1:19:21 PM	78.1	77.1	9:24:24 AM	64.8	64.1	1:19:40 PM	63.2	63.7	9:24:05 AM	66.2	65.7	1:19:18 PM	66.2	65.1
3.0	9:25:09 AM	76.1	76.5	1:20:21 PM	77.6	77.2	9:25:24 AM	63.2	63.8	1:20:40 PM	64.1	63.8	9:25:05 AM	65.7	65.7	1:20:18 PM	64.9	65.0
4.0	9:26:09 AM	76.6	76.5	1:21:21 PM	77.6	77.3	9:26:24 AM	62.6	63.5	1:21:40 PM	64.2	63.9	9:26:05 AM	64.8	65.5	1:21:18 PM	66.7	65.4
5.0	9:27:09 AM	75.9	76.4	1:22:21 PM	77.1	77.3	9:27:24 AM	63.0	63.4	1:22:40 PM	62.7	63.7	9:27:05 AM	64.2	65.2	1:22:18 PM	65.7	65.5
6.0	9:28:09 AM	78.3	76.7	1:23:21 PM	76.8	77.2	9:28:24 AM	65.7	63.8	1:23:40 PM	63.1	63.6	9:28:05 AM	66.8	65.5	1:23:18 PM	64.9	65.4
7.0	9:29:09 AM	78.6	77.0	1:24:21 PM	78.2	77.3	9:29:24 AM	65.6	64.0	1:24:40 PM	64.2	63.7	9:29:05 AM	67.7	65.8	1:24:18 PM	66.3	65.5
8.0	9:30:09 AM	78.0	77.1	1:25:21 PM	77.5	77.4	9:30:24 AM	62.6	63.9	1:25:40 PM	63.5	63.6	9:30:05 AM	66.7	65.9	1:25:18 PM	66.0	65.6
9.0	9:31:09 AM	77.5	77.1	1:26:21 PM	77.1	77.3	9:31:24 AM	64.3	63.9	1:26:40 PM	61.9	63.4	9:31:05 AM	66.2	65.9	1:26:18 PM	65.4	65.6
10.0	9:32:09 AM	76.6	77.1	1:27:21 PM	77.1	77.3	9:32:24 AM	61.4	63.7	1:27:40 PM	63.2	63.4	9:32:05 AM	65.3	65.9	1:27:18 PM	64.3	65.4
11.0	9:33:09 AM	76.1	77.0	1:28:21 PM	76.8	77.3	9:33:24 AM	65.9	63.9	1:28:40 PM	63.4	63.4	9:33:05 AM	64.1	65.7	1:28:18 PM	64.7	65.4
12.0	9:34:09 AM	78.2	77.1	1:29:21 PM	78.1	77.3	9:34:24 AM	64.4	63.9	1:29:40 PM	64.3	63.5	9:34:05 AM	67.8	65.9	1:29:18 PM	64.4	65.3
13.0	9:35:09 AM	75.8	77.0	1:30:21 PM	76.2	77.2	9:35:24 AM	62.8	63.8	1:30:40 PM	62.8	63.4	9:35:05 AM	64.5	65.8	1:30:18 PM	62.8	65.1
14.0	9:36:09 AM	77.4	77.0	1:31:21 PM	78.4	77.3	9:36:24 AM	64.9	63.9	1:31:40 PM	63.0	63.4	9:36:05 AM	66.2	65.8	1:31:18 PM	65.0	65.1
15.0	9:37:09 AM	75.9	77.0	1:32:21 PM	75.8	77.2	9:37:24 AM	62.1	63.8	1:32:40 PM	61.7	63.3	9:37:05 AM	65.4	65.8	1:32:18 PM	63.2	65.0

Lima, OH, Vinyl Wall Site Post-Construction | Noise Meter Session Reports, Cumulative

Interval	PostC_MeterD_092921-1			PostC_MeterD_092921-2			PostC_MeterE_092921-1			PostC_MeterE_092921-2		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	9/29/2021 9:23:16 AM	65.2	65.2	9/29/2021 1:18:28 PM	64.9	64.9	9/29/2021 9:23:31 AM	62.3	62.3	9/29/2021 1:18:42 PM	63.7	63.7
2.0	9:24:16 AM	66.7	66.0	1:19:28 PM	66.4	65.7	9:24:31 AM	63.9	63.1	1:19:42 PM	61.7	62.7
3.0	9:25:16 AM	64.5	65.5	1:20:28 PM	66.3	65.9	9:25:31 AM	62.3	62.8	1:20:42 PM	63.3	62.9
4.0	9:26:16 AM	64.9	65.3	1:21:28 PM	66.9	66.1	9:26:31 AM	61.0	62.4	1:21:42 PM	63.3	63.0
5.0	9:27:16 AM	65.8	65.4	1:22:28 PM	65.3	66.0	9:27:31 AM	62.9	62.5	1:22:42 PM	63.2	63.0
6.0	9:28:16 AM	67.3	65.7	1:23:28 PM	65.7	65.9	9:28:31 AM	65.1	62.9	1:23:42 PM	62.6	63.0
7.0	9:29:16 AM	67.4	66.0	1:24:28 PM	67.2	66.1	9:29:31 AM	65.1	63.2	1:24:42 PM	64.2	63.1
8.0	9:30:16 AM	65.7	65.9	1:25:28 PM	66.8	66.2	9:30:31 AM	62.6	63.2	1:25:42 PM	64.3	63.3
9.0	9:31:16 AM	66.8	66.0	1:26:28 PM	64.8	66.0	9:31:31 AM	64.7	63.3	1:26:42 PM	61.5	63.1
10.0	9:32:16 AM	65.6	66.0	1:27:28 PM	65.3	66.0	9:32:31 AM	62.2	63.2	1:27:42 PM	62.8	63.1
11.0	9:33:16 AM	67.2	66.1	1:28:28 PM	65.2	65.9	9:33:31 AM	65.8	63.4	1:28:42 PM	62.4	63.0
12.0	9:34:16 AM	66.6	66.1	1:29:28 PM	64.7	65.8	9:34:31 AM	63.3	63.4	1:29:42 PM	60.9	62.8
13.0	9:35:16 AM	64.6	66.0	1:30:28 PM	63.8	65.6	9:35:31 AM	62.3	63.3	1:30:42 PM	60.9	62.7
14.0	9:36:16 AM	66.8	66.1	1:31:28 PM	64.8	65.6	9:36:31 AM	64.1	63.4	1:31:42 PM	61.4	62.6
15.0	9:37:16 AM	65.3	66.0	1:32:28 PM	63.4	65.4	9:37:31 AM	62.3	63.3	1:32:42 PM	60.6	62.5

Richmond, VA, Concrete Wall Site | Noise Meter Session Reports, Cumulative

Interval	MeterA-082421-AM			MeterA-082421-Noon			MeterA-082421-PM			MeterA-082521-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	8/24/2021 10:13:13 AM	78.5	78.5	8/24/2021 12:33:01 PM	82.8	82.8	8/24/2021 5:09:05 PM	72.9	72.9	8/25/2021 9:24:34 AM	78.0	78.0
2.0	10:14:13 AM	79.0	78.8	12:34:01 PM	83.9	83.4	5:10:05 PM	70.2	71.6	9:25:34 AM	78.6	78.3
3.0	10:15:13 AM	78.8	78.8	12:35:01 PM	84.4	83.7	5:11:05 PM	69.1	70.7	9:26:34 AM	80.0	78.9
4.0	10:16:13 AM	78.7	78.8	12:36:01 PM	83.2	83.6	5:12:05 PM	72.0	71.1	9:27:34 AM	79.6	79.1
5.0	10:17:13 AM	77.8	78.6	12:37:01 PM	84.2	83.7	5:13:05 PM	71.6	71.2	9:28:34 AM	79.5	79.1
6.0	10:18:13 AM	78.3	78.5	12:38:01 PM	84.5	83.8	5:14:05 PM	71.3	71.2	9:29:34 AM	80.2	79.3
7.0	10:19:13 AM	77.9	78.4	12:39:01 PM	83.6	83.8	5:15:05 PM	72.0	71.3	9:30:34 AM	79.0	79.3
8.0	10:20:13 AM	79.9	78.6	12:40:01 PM	83.4	83.8	5:16:05 PM	71.3	71.3	9:31:34 AM	80.0	79.4
9.0	10:21:13 AM	78.4	78.6	12:41:01 PM	84.1	83.8	5:17:05 PM	72.0	71.4	9:32:34 AM	80.6	79.5
10.0	10:22:13 AM	78.0	78.5	12:42:01 PM	83.9	83.8	5:18:05 PM	72.0	71.4	9:33:34 AM	79.3	79.5
11.0	10:23:13 AM	78.9	78.6	12:43:01 PM	84.4	83.9	5:19:05 PM	70.6	71.4	9:34:34 AM	78.3	79.4
12.0	10:24:13 AM	77.9	78.5	12:44:01 PM	83.5	83.8	5:20:05 PM	72.7	71.5	9:35:34 AM	80.1	79.4
13.0	10:25:13 AM	80.1	78.6	12:45:01 PM	83.5	83.8	5:21:05 PM	79.4	72.1	9:36:34 AM	79.0	79.4
14.0	10:26:13 AM	78.9	78.7	12:46:01 PM	84.4	83.8	5:22:05 PM	73.0	72.2	9:37:34 AM	79.8	79.4
15.0	10:27:13 AM	78.8	78.7	12:47:01 PM	84.2	83.9	5:23:05 PM	70.4	72.0	9:38:34 AM	79.6	79.4

Richmond, VA, Concrete Wall Site | Noise Meter Session Reports, Cumulative

Interval	MeterB-082421-AM			MeterB-082421-Noon			MeterB-082421-PM			MeterB-082521-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	8/24/2021 10:12:59 AM	64.2	64.2	8/24/2021 1:37:41 PM	60.0	60.0	8/24/2021 5:08:50 PM	58.1	58.1	8/25/2021 9:24:33 AM	62.6	62.6
2.0	10:13:59 AM	63.3	63.8	1:38:41 PM	59.9	60.0	5:09:50 PM	56.1	57.1	9:25:33 AM	61.3	62.0
3.0	10:14:59 AM	64.2	63.9	1:39:41 PM	60.0	60.0	5:10:50 PM	56.3	56.8	9:26:33 AM	63.9	62.6
4.0	10:15:59 AM	62.6	63.6	1:40:41 PM	60.4	60.1	5:11:50 PM	57.3	57.0	9:27:33 AM	62.2	62.5
5.0	10:16:59 AM	61.5	63.2	1:41:41 PM	61.7	60.4	5:12:50 PM	58.0	57.2	9:28:33 AM	63.5	62.7
6.0	10:17:59 AM	62.2	63.0	1:42:41 PM	63.0	60.8	5:13:50 PM	58.3	57.4	9:29:33 AM	62.4	62.7
7.0	10:18:59 AM	63.3	63.0	1:43:41 PM	63.9	61.3	5:14:50 PM	55.8	57.1	9:30:33 AM	64.2	62.9
8.0	10:19:59 AM	63.1	63.1	1:44:41 PM	63.9	61.6	5:15:50 PM	57.8	57.2	9:31:33 AM	63.5	63.0
9.0	10:20:59 AM	62.5	63.0	1:45:41 PM	63.1	61.8	5:16:50 PM	57.9	57.3	9:32:33 AM	63.0	63.0
10.0	10:21:59 AM	63.0	63.0	1:46:41 PM	63.7	62.0	5:17:50 PM	56.3	57.2	9:33:33 AM	62.7	62.9
11.0	10:22:59 AM	63.6	63.0	1:47:41 PM	63.6	62.1	5:18:50 PM	58.0	57.3	9:34:33 AM	62.6	62.9
12.0	10:23:59 AM	62.9	63.0	1:48:41 PM	63.3	62.2	5:19:50 PM	57.4	57.3	9:35:33 AM	63.0	62.9
13.0	10:24:59 AM	66.2	63.3	1:49:41 PM	65.3	62.4	5:20:50 PM	62.3	57.7	9:36:33 AM	61.5	62.8
14.0	10:25:59 AM	65.5	63.4	1:50:41 PM	65.2	62.6	5:21:50 PM	57.7	57.7	9:37:33 AM	62.2	62.8
15.0	10:26:59 AM	64.4	63.5	1:51:41 PM	65.3	62.8	5:22:50 PM	56.7	57.6	9:38:33 AM	62.4	62.7

Richmond, VA, Concrete Wall Site | Noise Meter Session Reports, Cumulative

Interval	MeterC-082421-AM			MeterC-082421-Noon			MeterC-082421-PM			MeterC-082521-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	8/24/2021 10:13:14 AM	64.2	64.2	8/24/2021 11:37:37 PM	60.9	60.9	8/24/2021 5:09:04 PM	57.8	57.8	8/25/2021 9:24:37 AM	63.0	63.0
2.0	10:14:14 AM	63.0	63.6	1:38:37 PM	60.5	60.7	5:10:04 PM	56.6	57.2	9:25:37 AM	62.5	62.8
3.0	10:15:14 AM	64.5	63.9	1:39:37 PM	60.6	60.7	5:11:04 PM	57.1	57.2	9:26:37 AM	64.6	63.4
4.0	10:16:14 AM	62.2	63.5	1:40:37 PM	61.1	60.8	5:12:04 PM	58.0	57.4	9:27:37 AM	63.3	63.4
5.0	10:17:14 AM	61.3	63.0	1:41:37 PM	61.8	61.0	5:13:04 PM	58.2	57.5	9:28:37 AM	64.7	63.6
6.0	10:18:14 AM	62.5	63.0	1:42:37 PM	62.1	61.2	5:14:04 PM	58.4	57.7	9:29:37 AM	63.2	63.6
7.0	10:19:14 AM	62.9	62.9	1:43:37 PM	63.0	61.4	5:15:04 PM	57.0	57.6	9:30:37 AM	64.6	63.7
8.0	10:20:14 AM	63.2	63.0	1:44:37 PM	63.3	61.7	5:16:04 PM	57.7	57.6	9:31:37 AM	64.0	63.7
9.0	10:21:14 AM	62.0	62.9	1:45:37 PM	62.5	61.8	5:17:04 PM	57.7	57.6	9:32:37 AM	63.9	63.8
10.0	10:22:14 AM	63.9	63.0	1:46:37 PM	63.1	61.9	5:18:04 PM	56.1	57.5	9:33:37 AM	64.0	63.8
11.0	10:23:14 AM	63.1	63.0	1:47:37 PM	62.9	62.0	5:19:04 PM	58.6	57.6	9:34:37 AM	63.9	63.8
12.0	10:24:14 AM	64.4	63.1	1:48:37 PM	62.9	62.1	5:20:04 PM	59.3	57.7	9:35:37 AM	63.8	63.8
13.0	10:25:14 AM	64.7	63.2	1:49:37 PM	65.2	62.3	5:21:04 PM	61.4	58.0	9:36:37 AM	63.0	63.7
14.0	10:26:14 AM	64.8	63.3	1:50:37 PM	63.3	62.4	5:22:04 PM	57.6	58.0	9:37:37 AM	63.0	63.7
15.0	10:27:14 AM	63.7	63.4	1:51:37 PM	64.3	62.5	5:23:04 PM	57.8	58.0	9:38:37 AM	63.5	63.7

Richmond, VA, Concrete Wall Site | Noise Meter Session Reports, Cumulative

Interval	MeterD-082421-AM			MeterD-082421-Noon			MeterD-082421-PM			MeterD-082521-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	8/24/2021 10:13:05 AM	62.4	62.4	8/24/2021 11:37:23 PM	61.0	61.0	8/24/2021 5:08:49 PM	58.7	58.7	8/25/2021 9:24:20 AM	62.6	62.6
2.0	10:14:05 AM	61.4	61.9	1:38:23 PM	60.9	61.0	5:09:49 PM	56.5	57.6	9:25:20 AM	62.2	62.4
3.0	10:15:05 AM	61.6	61.8	1:39:23 PM	59.7	60.5	5:10:49 PM	57.0	57.4	9:26:20 AM	63.6	62.8
4.0	10:16:05 AM	61.4	61.7	1:40:23 PM	61.0	60.7	5:11:49 PM	57.5	57.4	9:27:20 AM	62.8	62.8
5.0	10:17:05 AM	60.2	61.4	1:41:23 PM	61.8	60.9	5:12:49 PM	58.4	57.6	9:28:20 AM	63.4	62.9
6.0	10:18:05 AM	61.3	61.4	1:42:23 PM	61.6	61.0	5:13:49 PM	58.9	57.8	9:29:20 AM	62.4	62.8
7.0	10:19:05 AM	61.4	61.4	1:43:23 PM	62.5	61.2	5:14:49 PM	56.4	57.6	9:30:20 AM	62.6	62.8
8.0	10:20:05 AM	62.2	61.5	1:44:23 PM	61.9	61.3	5:15:49 PM	57.4	57.6	9:31:20 AM	63.7	62.9
9.0	10:21:05 AM	61.0	61.4	1:45:23 PM	61.2	61.3	5:16:49 PM	57.7	57.6	9:32:20 AM	63.4	63.0
10.0	10:22:05 AM	62.2	61.5	1:46:23 PM	63.1	61.5	5:17:49 PM	57.7	57.6	9:33:20 AM	62.9	63.0
11.0	10:23:05 AM	62.1	61.6	1:47:23 PM	60.3	61.4	5:18:49 PM	61.3	58.0	9:34:20 AM	62.6	62.9
12.0	10:24:05 AM	62.1	61.6	1:48:23 PM	62.6	61.5	5:19:49 PM	57.7	57.9	9:35:20 AM	63.3	63.0
13.0	10:25:05 AM	64.0	61.8	1:49:23 PM	64.5	61.7	5:20:49 PM	62.1	58.3	9:36:20 AM	61.6	62.9
14.0	10:26:05 AM	62.8	61.9	1:50:23 PM	61.4	61.7	5:21:49 PM	57.8	58.2	9:37:20 AM	63.2	62.9
15.0	10:27:05 AM	63.0	61.9	1:51:23 PM	62.6	61.7	5:22:49 PM	56.8	58.1	9:38:20 AM	62.5	62.9

Richmond, VA, Concrete Wall Site | Noise Meter Session Reports, Cumulative

Interval	MeterE-082421-AM			MeterE-082421-Noon			MeterE-082421-PM			MeterE-082521-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	8/24/2021 10:12:42 AM	59.1	59.1	8/24/2021 11:36:54 PM	58.5	58.5	8/24/2021 5:08:16 PM	56.7	56.7	8/25/2021 9:23:55 AM	60.7	60.7
2.0	10:13:42 AM	58.9	59.0	1:37:54 PM	57.3	57.9	5:09:16 PM	54.5	55.6	9:24:55 AM	60.9	60.8
3.0	10:14:42 AM	58.9	59.0	1:38:54 PM	57.2	57.7	5:10:16 PM	55.6	55.6	9:25:55 AM	61.0	60.9
4.0	10:15:42 AM	58.5	58.9	1:39:54 PM	59.0	58.0	5:11:16 PM	57.1	56.0	9:26:55 AM	61.4	61.0
5.0	10:16:42 AM	58.8	58.8	1:40:54 PM	58.9	58.2	5:12:16 PM	56.2	56.0	9:27:55 AM	60.8	61.0
6.0	10:17:42 AM	58.2	58.7	1:41:54 PM	59.9	58.5	5:13:16 PM	60.4	56.8	9:28:55 AM	60.0	60.8
7.0	10:18:42 AM	58.1	58.6	1:42:54 PM	58.7	58.5	5:14:16 PM	56.7	56.7	9:29:55 AM	60.6	60.8
8.0	10:19:42 AM	59.3	58.7	1:43:54 PM	59.4	58.6	5:15:16 PM	55.6	56.6	9:30:55 AM	61.3	60.8
9.0	10:20:42 AM	58.7	58.7	1:44:54 PM	59.5	58.7	5:16:16 PM	56.3	56.6	9:31:55 AM	61.3	60.9
10.0	10:21:42 AM	59.9	58.8	1:45:54 PM	62.3	59.1	5:17:16 PM	56.7	56.6	9:32:55 AM	60.4	60.8
11.0	10:22:42 AM	61.4	59.1	1:46:54 PM	60.1	59.2	5:18:16 PM	55.3	56.5	9:33:55 AM	59.6	60.7
12.0	10:23:42 AM	60.5	59.2	1:47:54 PM	59.8	59.2	5:19:16 PM	56.1	56.4	9:34:55 AM	61.1	60.8
13.0	10:24:42 AM	63.4	59.5	1:48:54 PM	58.8	59.2	5:20:16 PM	60.6	56.8	9:35:55 AM	60.3	60.7
14.0	10:25:42 AM	62.0	59.7	1:49:54 PM	60.2	59.3	5:21:16 PM	56.8	56.8	9:36:55 AM	61.6	60.8
15.0	10:26:42 AM	64.3	60.0	1:50:54 PM	60.6	59.3	5:22:16 PM	56.0	56.7	9:37:55 AM	62.0	60.9

Richmond, VA, Vinyl Fence Site | Noise Meter Session Reports, Cumulative

Interval	MeterA-082421-AM			MeterA-082421-Noon			MeterA-082421-PM			MeterA-082521-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	8/24/2021 9:13:33 AM	83.6	83.6	8/24/2021 12:07:27 PM	83.4	83.4	8/24/2021 4:11:51 PM	82.9	82.9	8/25/2021 8:24:38 AM	83.0	83.0
2.0	9:14:33 AM	83.6	83.6	12:08:27 PM	83.6	83.5	4:12:51 PM	83.7	83.3	8:25:38 AM	84.6	83.8
3.0	9:15:33 AM	84.5	83.9	12:09:27 PM	83.0	83.3	4:13:51 PM	83.3	83.3	8:26:38 AM	83.9	83.8
4.0	9:16:33 AM	83.0	83.7	12:10:27 PM	82.7	83.2	4:14:51 PM	82.7	83.2	8:27:38 AM	84.3	84.0
5.0	9:17:33 AM	84.0	83.7	12:11:27 PM	82.8	83.1	4:15:51 PM	83.6	83.2	8:28:38 AM	84.2	84.0
6.0	9:18:33 AM	83.4	83.7	12:12:27 PM	82.9	83.1	4:16:51 PM	83.6	83.3	8:29:38 AM	84.5	84.1
7.0	9:19:33 AM	83.3	83.6	12:13:27 PM	83.3	83.1	4:17:51 PM	83.3	83.3	8:30:38 AM	83.4	84.0
8.0	9:20:33 AM	83.2	83.6	12:14:27 PM	84.2	83.2	4:18:51 PM	83.9	83.4	8:31:38 AM	83.7	84.0
9.0	9:21:33 AM	83.5	83.6	12:15:27 PM	83.4	83.3	4:19:51 PM	83.5	83.4	8:32:38 AM	84.6	84.0
10.0	9:22:33 AM	84.5	83.7	12:16:27 PM	82.8	83.2	4:20:51 PM	83.6	83.4	8:33:38 AM	83.3	84.0
11.0	9:23:33 AM	83.3	83.6	12:17:27 PM	84.4	83.3	4:21:51 PM	82.9	83.4	8:34:38 AM	84.8	84.0
12.0	9:24:33 AM	84.1	83.7	12:18:27 PM	83.8	83.4	4:22:51 PM	83.8	83.4	8:35:38 AM	84.4	84.1
13.0	9:25:33 AM	83.2	83.6	12:19:27 PM	84.0	83.4	4:23:51 PM	83.2	83.4	8:36:38 AM	84.4	84.1
14.0	9:26:33 AM	84.2	83.7	12:20:27 PM	83.8	83.4	4:24:51 PM	83.7	83.4	8:37:38 AM	82.9	84.0
15.0	9:27:33 AM	84.5	83.7	12:21:27 PM	82.7	83.4	4:25:51 PM	83.7	83.4	8:38:38 AM	84.0	84.0

Richmond, VA, Vinyl Fence Site | Noise Meter Session Reports, Cumulative

Interval	MeterB-082421-AM			MeterB-082421-Noon			MeterB-082421-PM			MeterB-082521-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	8/24/2021 9:13:32 AM	74.6	74.6	8/24/2021 12:32:33 PM	71.5	71.5	8/24/2021 4:11:55 PM	71.3	71.3	8/25/2021 8:24:32 AM	73.5	73.5
2.0	9:14:32 AM	74.4	74.5	12:33:33 PM	71.6	71.6	4:12:55 PM	70.6	71.0	8:25:32 AM	73.8	73.7
3.0	9:15:32 AM	74.3	74.4	12:34:33 PM	70.8	71.3	4:13:55 PM	69.6	70.5	8:26:32 AM	73.7	73.7
4.0	9:16:32 AM	74.2	74.4	12:35:33 PM	70.6	71.1	4:14:55 PM	70.6	70.5	8:27:32 AM	74.2	73.8
5.0	9:17:32 AM	74.0	74.3	12:36:33 PM	71.3	71.2	4:15:55 PM	71.0	70.6	8:28:32 AM	74.4	73.9
6.0	9:18:32 AM	73.9	74.2	12:37:33 PM	72.1	71.3	4:16:55 PM	70.3	70.6	8:29:32 AM	74.3	74.0
7.0	9:19:32 AM	73.3	74.1	12:38:33 PM	71.2	71.3	4:17:55 PM	70.9	70.6	8:30:32 AM	73.9	74.0
8.0	9:20:32 AM	73.0	74.0	12:39:33 PM	71.3	71.3	4:18:55 PM	70.4	70.6	8:31:32 AM	74.8	74.1
9.0	9:21:32 AM	74.2	74.0	12:40:33 PM	71.2	71.3	4:19:55 PM	71.1	70.6	8:32:32 AM	74.3	74.1
10.0	9:22:32 AM	73.5	73.9	12:41:33 PM	72.0	71.4	4:20:55 PM	70.7	70.7	8:33:32 AM	74.2	74.1
11.0	9:23:32 AM	72.7	73.8	12:42:33 PM	71.5	71.4	4:21:55 PM	70.3	70.6	8:34:32 AM	74.8	74.2
12.0	9:24:32 AM	72.1	73.7	12:43:33 PM	70.8	71.3	4:22:55 PM	70.4	70.6	8:35:32 AM	74.6	74.2
13.0	9:25:32 AM	73.5	73.7	12:44:33 PM	71.1	71.3	4:23:55 PM	71.2	70.6	8:36:32 AM	74.2	74.2
14.0	9:26:32 AM	72.9	73.6	12:45:33 PM	71.5	71.3	4:24:55 PM	70.1	70.6	8:37:32 AM	74.7	74.2
15.0	9:27:32 AM	73.3	73.6	12:46:33 PM	70.9	71.3	4:25:55 PM	70.7	70.6	8:38:32 AM	75.7	74.3

Richmond, VA, Vinyl Fence Site | Noise Meter Session Reports, Cumulative

Interval	MeterC-082421-AM			MeterC-082421-Noon			MeterC-082421-PM			MeterC-082521-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	8/24/2021 9:13:28 AM	74.1	74.1	8/24/2021 12:33:05 PM	71.4	71.4	8/24/2021 4:12:01 PM	70.3	70.3	8/25/2021 8:24:49 AM	73.2	73.2
2.0	9:14:28 AM	74.0	74.1	12:34:05 PM	70.8	71.1	4:13:01 PM	70.0	70.2	8:25:49 AM	73.0	73.1
3.0	9:15:28 AM	73.9	74.0	12:35:05 PM	70.9	71.0	4:14:01 PM	69.2	69.8	8:26:49 AM	73.5	73.2
4.0	9:16:28 AM	73.4	73.9	12:36:05 PM	71.1	71.1	4:15:01 PM	69.9	69.9	8:27:49 AM	73.4	73.3
5.0	9:17:28 AM	73.3	73.7	12:37:05 PM	71.7	71.2	4:16:01 PM	70.3	69.9	8:28:49 AM	73.9	73.4
6.0	9:18:28 AM	73.2	73.7	12:38:05 PM	71.1	71.2	4:17:01 PM	69.5	69.9	8:29:49 AM	73.5	73.4
7.0	9:19:28 AM	72.9	73.5	12:39:05 PM	71.6	71.2	4:18:01 PM	70.5	70.0	8:30:49 AM	73.7	73.5
8.0	9:20:28 AM	72.5	73.4	12:40:05 PM	70.7	71.2	4:19:01 PM	69.6	69.9	8:31:49 AM	73.9	73.5
9.0	9:21:28 AM	73.7	73.4	12:41:05 PM	71.6	71.2	4:20:01 PM	70.6	70.0	8:32:49 AM	73.5	73.5
10.0	9:22:28 AM	73.0	73.4	12:42:05 PM	71.7	71.3	4:21:01 PM	69.9	70.0	8:33:49 AM	73.8	73.5
11.0	9:23:28 AM	71.9	73.3	12:43:05 PM	70.7	71.2	4:22:01 PM	69.9	70.0	8:34:49 AM	74.0	73.6
12.0	9:24:28 AM	71.5	73.1	12:44:05 PM	70.7	71.2	4:23:01 PM	69.8	70.0	8:35:49 AM	74.1	73.6
13.0	9:25:28 AM	72.8	73.1	12:45:05 PM	72.2	71.2	4:24:01 PM	70.1	70.0	8:36:49 AM	73.3	73.6
14.0	9:26:28 AM	72.3	73.0	12:46:05 PM	70.9	71.2	4:25:01 PM	70.1	70.0	8:37:49 AM	73.8	73.6
15.0	9:27:28 AM	73.0	73.0	12:47:05 PM	70.6	71.2	4:26:01 PM	69.7	70.0	8:38:49 AM	75.3	73.7

Richmond, VA, Vinyl Fence Site | Noise Meter Session Reports, Cumulative

Interval	MeterD-082421-AM			MeterD-082421-Noon			MeterD-082421-PM			MeterD-082521-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	8/24/2021 9:13:15 AM	74.5	74.5	8/24/2021 12:32:48 PM	68.6	68.6	8/24/2021 4:11:43 PM	68.3	68.3	8/25/2021 8:24:31 AM	72.8	72.8
2.0	9:14:15 AM	74.7	74.6	12:33:48 PM	68.7	68.7	4:12:43 PM	68.7	68.5	8:25:31 AM	73.3	73.1
3.0	9:15:15 AM	74.4	74.5	12:34:48 PM	68.3	68.5	4:13:43 PM	67.1	68.0	8:26:31 AM	73.2	73.1
4.0	9:16:15 AM	74.4	74.5	12:35:48 PM	68.2	68.5	4:14:43 PM	67.7	68.0	8:27:31 AM	73.6	73.2
5.0	9:17:15 AM	74.5	74.5	12:36:48 PM	68.7	68.5	4:15:43 PM	68.1	68.0	8:28:31 AM	74.3	73.4
6.0	9:18:15 AM	73.8	74.4	12:37:48 PM	69.2	68.6	4:16:43 PM	68.4	68.1	8:29:31 AM	73.9	73.5
7.0	9:19:15 AM	74.1	74.3	12:38:48 PM	69.2	68.7	4:17:43 PM	68.0	68.0	8:30:31 AM	74.0	73.6
8.0	9:20:15 AM	72.4	74.1	12:39:48 PM	69.8	68.8	4:18:43 PM	67.9	68.0	8:31:31 AM	75.2	73.8
9.0	9:21:15 AM	73.2	74.0	12:40:48 PM	69.0	68.9	4:19:43 PM	68.2	68.0	8:32:31 AM	74.6	73.9
10.0	9:22:15 AM	72.5	73.9	12:41:48 PM	69.2	68.9	4:20:43 PM	68.0	68.0	8:33:31 AM	73.9	73.9
11.0	9:23:15 AM	71.8	73.7	12:42:48 PM	68.7	68.9	4:21:43 PM	67.1	68.0	8:34:31 AM	74.7	74.0
12.0	9:24:15 AM	72.2	73.5	12:43:48 PM	68.9	68.9	4:22:43 PM	67.6	67.9	8:35:31 AM	74.5	74.0
13.0	9:25:15 AM	72.9	73.5	12:44:48 PM	69.2	68.9	4:23:43 PM	68.4	68.0	8:36:31 AM	74.3	74.0
14.0	9:26:15 AM	72.5	73.4	12:45:48 PM	68.8	68.9	4:24:43 PM	67.5	67.9	8:37:31 AM	74.6	74.1
15.0	9:27:15 AM	73.2	73.4	12:46:48 PM	68.1	68.8	4:25:43 PM	68.0	67.9	8:38:31 AM	75.0	74.1

Richmond, VA, Vinyl Fence Site | Noise Meter Session Reports, Cumulative

Interval	MeterE-082421-AM			MeterE-082421-Noon			MeterE-082421-PM			MeterE-082521-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	8/24/2021 9:12:52 AM	76.2	76.2	8/24/2021 12:32:17 PM	64.2	64.2	8/24/2021 4:11:13 PM	64.7	64.7	8/25/2021 8:23:59 AM	71.7	71.7
2.0	9:13:52 AM	75.6	75.9	12:33:17 PM	64.1	64.2	4:12:13 PM	64.5	64.6	8:24:59 AM	73.5	72.6
3.0	9:14:52 AM	76.5	76.1	12:34:17 PM	64.3	64.2	4:13:13 PM	64.5	64.6	8:25:59 AM	73.5	72.9
4.0	9:15:52 AM	76.0	76.1	12:35:17 PM	63.7	64.1	4:14:13 PM	63.5	64.3	8:26:59 AM	74.0	73.2
5.0	9:16:52 AM	76.5	76.2	12:36:17 PM	64.2	64.1	4:15:13 PM	63.9	64.2	8:27:59 AM	73.5	73.2
6.0	9:17:52 AM	77.0	76.3	12:37:17 PM	64.9	64.2	4:16:13 PM	64.6	64.3	8:28:59 AM	74.4	73.4
7.0	9:18:52 AM	76.0	76.3	12:38:17 PM	64.2	64.2	4:17:13 PM	63.6	64.2	8:29:59 AM	75.0	73.7
8.0	9:19:52 AM	75.4	76.2	12:39:17 PM	64.9	64.3	4:18:13 PM	64.1	64.2	8:30:59 AM	74.8	73.8
9.0	9:20:52 AM	75.8	76.1	12:40:17 PM	63.7	64.2	4:19:13 PM	63.7	64.1	8:31:59 AM	75.6	74.0
10.0	9:21:52 AM	74.8	76.0	12:41:17 PM	65.1	64.3	4:20:13 PM	64.1	64.1	8:32:59 AM	75.4	74.1
11.0	9:22:52 AM	73.1	75.7	12:42:17 PM	65.0	64.4	4:21:13 PM	63.3	64.0	8:33:59 AM	75.2	74.2
12.0	9:23:52 AM	75.3	75.7	12:43:17 PM	64.0	64.4	4:22:13 PM	63.7	64.0	8:34:59 AM	75.3	74.3
13.0	9:24:52 AM	75.9	75.7	12:44:17 PM	63.8	64.3	4:23:13 PM	63.8	64.0	8:35:59 AM	75.7	74.4
14.0	9:25:52 AM	75.0	75.7	12:45:17 PM	65.6	64.4	4:24:13 PM	63.6	64.0	8:36:59 AM	75.1	74.5
15.0	9:26:52 AM	75.8	75.7	12:46:17 PM	64.4	64.4	4:25:13 PM	64.1	64.0	8:37:59 AM	75.8	74.6

Richmond, VA, Vinyl Fence Site | Noise Meter Session Reports, Cumulative

Interval	MeterA-032922-AM			MeterA-032922-Noon			MeterA-032922-PM			MeterA-033022-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	3/29/2022 8:57:33 AM	83.9	83.9	3/29/2022 11:47:41 AM	84.6	84.6	3/29/2022 3:45:48 PM	82.6	82.6	3/30/2022 8:28:32 AM	83.4	83.4
2.0	8:58:33 AM	84.9	84.4	11:48:41 AM	84.6	84.6	3:46:48 PM	84.0	83.3	8:29:32 AM	84.3	83.9
3.0	8:59:33 AM	85.6	84.8	11:49:41 AM	84.6	84.6	3:47:48 PM	84.1	83.6	8:30:32 AM	85.2	84.3
4.0	9:00:33 AM	85.0	84.9	11:50:41 AM	84.6	84.6	3:48:48 PM	83.9	83.7	8:31:32 AM	84.6	84.4
5.0	9:01:33 AM	84.7	84.8	11:51:41 AM	84.8	84.6	3:49:48 PM	83.8	83.7	8:32:32 AM	84.5	84.4
6.0	9:02:33 AM	84.5	84.8	11:52:41 AM	84.3	84.6	3:50:48 PM	84.0	83.7	8:33:32 AM	84.8	84.5
7.0	9:03:33 AM	85.9	84.9	11:53:41 AM	84.3	84.5	3:51:48 PM	84.1	83.8	8:34:32 AM	84.4	84.5
8.0	9:04:33 AM	85.2	85.0	11:54:41 AM	84.6	84.6	3:52:48 PM	83.6	83.8	8:35:32 AM	84.3	84.4
9.0	9:05:33 AM	86.4	85.1	11:55:41 AM	85.1	84.6	3:53:48 PM	83.1	83.7	8:36:32 AM	83.9	84.4
10.0	9:06:33 AM	84.9	85.1	11:56:41 AM	85.1	84.7	3:54:48 PM	83.4	83.7	8:37:32 AM	85.7	84.5
11.0	9:07:33 AM	84.5	85.0	11:57:41 AM	84.7	84.7	3:55:48 PM	83.6	83.7	8:38:32 AM	84.8	84.5
12.0	9:08:33 AM	84.9	85.0	11:58:41 AM	85.1	84.7	3:56:48 PM	83.1	83.6	8:39:32 AM	85.5	84.6
13.0	9:09:33 AM	85.4	85.1	11:59:41 AM	84.7	84.7	3:57:48 PM	83.7	83.6	8:40:32 AM	84.4	84.6
14.0	9:10:33 AM	85.1	85.1	12:00:41 PM	85.0	84.7	3:58:48 PM	84.3	83.7	8:41:32 AM	85.0	84.6
15.0	9:11:33 AM	85.5	85.1	12:01:41 PM	85.2	84.8	3:59:48 PM	83.5	83.7	8:42:32 AM	84.5	84.6

Richmond, VA, Vinyl Fence Site | Noise Meter Session Reports, Cumulative

Interval	MeterB-032922-AM			MeterB-032922-Noon			MeterB-032922-PM			MeterB-033022-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	3/29/2022 8:57:20 AM	71.9	71.9	3/29/2022 11:47:32 AM	71.7	71.7	3/29/2022 3:44:50 PM	72.2	72.2	3/30/2022 8:28:06 AM	71.6	71.6
2.0	8:58:20 AM	71.8	71.9	11:48:32 AM	71.2	71.5	3:45:50 PM	70.5	71.4	8:29:06 AM	70.4	71.0
3.0	8:59:20 AM	71.7	71.8	11:49:32 AM	72.3	71.7	3:46:50 PM	70.7	71.1	8:30:06 AM	72.1	71.4
4.0	9:00:20 AM	71.9	71.8	11:50:32 AM	71.0	71.6	3:47:50 PM	70.5	71.0	8:31:06 AM	70.8	71.2
5.0	9:01:20 AM	71.6	71.8	11:51:32 AM	71.1	71.5	3:48:50 PM	70.5	70.9	8:32:06 AM	70.6	71.1
6.0	9:02:20 AM	71.9	71.8	11:52:32 AM	70.7	71.3	3:49:50 PM	70.9	70.9	8:33:06 AM	71.4	71.2
7.0	9:03:20 AM	72.7	71.9	11:53:32 AM	71.5	71.4	3:50:50 PM	70.6	70.8	8:34:06 AM	70.6	71.1
8.0	9:04:20 AM	72.3	72.0	11:54:32 AM	71.0	71.3	3:51:50 PM	69.6	70.7	8:35:06 AM	70.7	71.0
9.0	9:05:20 AM	72.9	72.1	11:55:32 AM	71.9	71.4	3:52:50 PM	69.6	70.6	8:36:06 AM	70.5	71.0
10.0	9:06:20 AM	72.0	72.1	11:56:32 AM	71.6	71.4	3:53:50 PM	69.6	70.5	8:37:06 AM	72.4	71.1
11.0	9:07:20 AM	70.9	72.0	11:57:32 AM	71.8	71.4	3:54:50 PM	70.3	70.5	8:38:06 AM	71.5	71.1
12.0	9:08:20 AM	72.3	72.0	11:58:32 AM	72.0	71.5	3:55:50 PM	69.6	70.4	8:39:06 AM	71.8	71.2
13.0	9:09:20 AM	72.1	72.0	11:59:32 AM	71.4	71.5	3:56:50 PM	70.0	70.4	8:40:06 AM	71.4	71.2
14.0	9:10:20 AM	72.1	72.0	12:00:32 PM	71.6	71.5	3:57:50 PM	71.0	70.4	8:41:06 AM	72.4	71.3
15.0	9:11:20 AM	72.2	72.0	12:01:32 PM	72.0	71.5	3:58:50 PM	71.0	70.4	8:42:06 AM	71.7	71.3

Richmond, VA, Vinyl Fence Site | Noise Meter Session Reports, Cumulative

Interval	MeterC-032922-AM			MeterC-032922-Noon			MeterC-032922-PM			MeterC-033022-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	3/29/2022 8:57:28 AM	71.4	71.4	3/29/2022 11:47:34 AM	70.9	70.9	3/29/2022 3:44:48 PM	70.0	70.0	3/30/2022 8:28:31 AM	70.6	70.6
2.0	8:58:28 AM	71.7	71.6	11:48:34 AM	70.8	70.9	3:45:48 PM	70.2	70.1	8:29:31 AM	72.6	71.6
3.0	8:59:28 AM	71.6	71.6	11:49:34 AM	71.2	71.0	3:46:48 PM	70.1	70.1	8:30:31 AM	70.5	71.2
4.0	9:00:28 AM	71.0	71.4	11:50:34 AM	70.8	70.9	3:47:48 PM	70.1	70.1	8:31:31 AM	70.8	71.1
5.0	9:01:28 AM	71.2	71.4	11:51:34 AM	70.3	70.8	3:48:48 PM	69.9	70.1	8:32:31 AM	70.9	71.1
6.0	9:02:28 AM	72.1	71.5	11:52:34 AM	70.6	70.8	3:49:48 PM	70.3	70.1	8:33:31 AM	70.7	71.0
7.0	9:03:28 AM	72.1	71.6	11:53:34 AM	71.0	70.8	3:50:48 PM	70.0	70.1	8:34:31 AM	71.0	71.0
8.0	9:04:28 AM	73.0	71.8	11:54:34 AM	70.7	70.8	3:51:48 PM	68.6	69.9	8:35:31 AM	70.6	71.0
9.0	9:05:28 AM	71.2	71.7	11:55:34 AM	71.2	70.8	3:52:48 PM	68.8	69.8	8:36:31 AM	71.8	71.1
10.0	9:06:28 AM	71.5	71.7	11:56:34 AM	71.4	70.9	3:53:48 PM	69.4	69.7	8:37:31 AM	71.9	71.1
11.0	9:07:28 AM	71.1	71.6	11:57:34 AM	71.0	70.9	3:54:48 PM	69.2	69.7	8:38:31 AM	72.0	71.2
12.0	9:08:28 AM	72.2	71.7	11:58:34 AM	71.6	71.0	3:55:48 PM	68.9	69.6	8:39:31 AM	71.8	71.3
13.0	9:09:28 AM	71.4	71.7	11:59:34 AM	71.2	71.0	3:56:48 PM	69.1	69.6	8:40:31 AM	72.8	71.4
14.0	9:10:28 AM	71.9	71.7	12:00:34 PM	70.7	71.0	3:57:48 PM	70.4	69.6	8:41:31 AM	71.8	71.4
15.0	9:11:28 AM	72.1	71.7	12:01:34 PM	71.7	71.0	3:58:48 PM	70.0	69.7	8:42:31 AM	71.4	71.4

Richmond, VA, Vinyl Fence Site | Noise Meter Session Reports, Cumulative

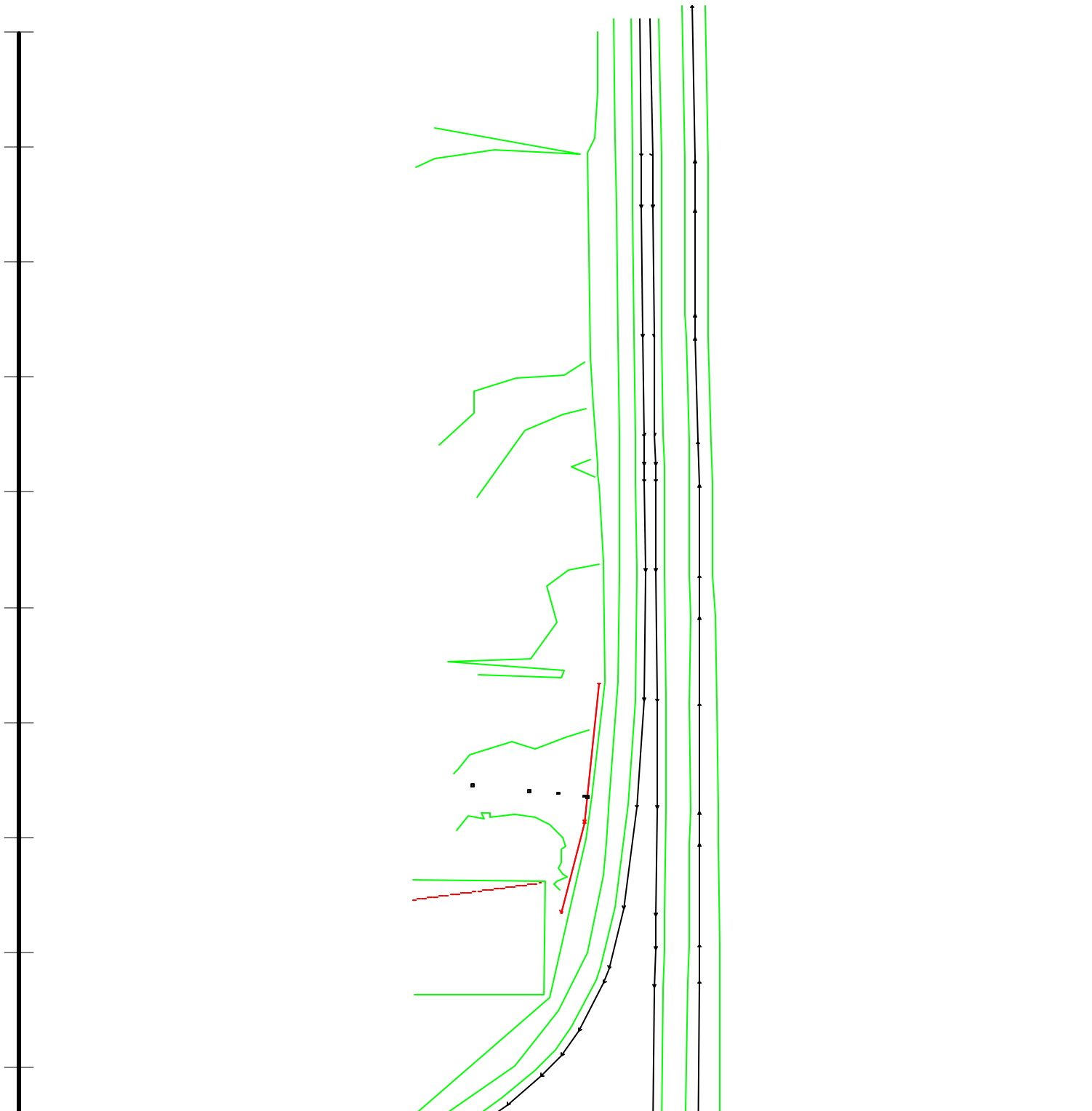
Interval	MeterD-032922-AM			MeterD-032922-Noon			MeterD-032922-PM			MeterD-033022-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	3/29/2022 8:57:51 AM	69.3	69.3	3/29/2022 11:47:55 AM	69.0	69.0	3/29/2022 3:45:10 PM	70.0	70.0	3/30/2022 8:28:52 AM	68.7	68.7
2.0	8:58:51 AM	68.8	69.1	11:48:55 AM	68.3	68.7	3:46:10 PM	67.9	69.0	8:29:52 AM	70.2	69.5
3.0	8:59:51 AM	68.7	68.9	11:49:55 AM	69.5	68.9	3:47:10 PM	67.7	68.5	8:30:52 AM	69.3	69.4
4.0	9:00:51 AM	69.3	69.0	11:50:55 AM	68.0	68.7	3:48:10 PM	68.0	68.4	8:31:52 AM	68.8	69.3
5.0	9:01:51 AM	68.9	69.0	11:51:55 AM	68.0	68.6	3:49:10 PM	67.8	68.3	8:32:52 AM	68.3	69.1
6.0	9:02:51 AM	69.3	69.1	11:52:55 AM	67.6	68.4	3:50:10 PM	68.1	68.3	8:33:52 AM	69.1	69.1
7.0	9:03:51 AM	69.7	69.1	11:53:55 AM	68.7	68.4	3:51:10 PM	67.6	68.2	8:34:52 AM	68.5	69.0
8.0	9:04:51 AM	69.6	69.2	11:54:55 AM	68.1	68.4	3:52:10 PM	66.6	68.0	8:35:52 AM	68.8	69.0
9.0	9:05:51 AM	69.7	69.3	11:55:55 AM	69.0	68.5	3:53:10 PM	66.6	67.8	8:36:52 AM	68.9	69.0
10.0	9:06:51 AM	69.2	69.3	11:56:55 AM	68.7	68.5	3:54:10 PM	66.5	67.7	8:37:52 AM	70.3	69.1
11.0	9:07:51 AM	68.1	69.1	11:57:55 AM	69.0	68.5	3:55:10 PM	67.5	67.7	8:38:52 AM	69.9	69.2
12.0	9:08:51 AM	69.7	69.2	11:58:55 AM	68.6	68.5	3:56:10 PM	67.1	67.6	8:39:52 AM	69.9	69.2
13.0	9:09:51 AM	69.2	69.2	11:59:55 AM	68.6	68.5	3:57:10 PM	66.6	67.5	8:40:52 AM	71.4	69.4
14.0	9:10:51 AM	69.5	69.2	12:00:55 PM	68.7	68.6	3:58:10 PM	67.4	67.5	8:41:52 AM	69.2	69.4
15.0	9:11:51 AM	69.3	69.2	12:01:55 PM	69.1	68.6	3:59:10 PM	68.0	67.6	8:42:52 AM	69.7	69.4









Richmond, VA, Vinyl Fence Site | Noise Meter Session Reports, Cumulative

Interval	MeterE-032922-AM			MeterE-032922-Noon			MeterE-032922-PM			MeterE-033022-AM		
	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative	Date/Time	Leq	Cumulative
1.0	3/29/2022 8:57:07 AM	64.9	64.9	3/29/2022 11:47:11 AM	64.5	64.5	3/29/2022 3:44:28 PM	64.9	64.9	3/30/2022 8:28:06 AM	64.6	64.6
2.0	8:58:07 AM	64.5	64.7	11:48:11 AM	64.3	64.4	3:45:28 PM	63.0	64.0	8:29:06 AM	63.6	64.1
3.0	8:59:07 AM	64.6	64.7	11:49:11 AM	64.4	64.4	3:46:28 PM	63.6	63.8	8:30:06 AM	66.7	65.0
4.0	9:00:07 AM	64.8	64.7	11:50:11 AM	64.2	64.4	3:47:28 PM	63.7	63.8	8:31:06 AM	64.0	64.7
5.0	9:01:07 AM	64.3	64.6	11:51:11 AM	63.6	64.2	3:48:28 PM	63.4	63.7	8:32:06 AM	64.2	64.6
6.0	9:02:07 AM	64.3	64.6	11:52:11 AM	63.4	64.1	3:49:28 PM	65.0	63.9	8:33:06 AM	64.5	64.6
7.0	9:03:07 AM	65.7	64.7	11:53:11 AM	64.0	64.1	3:50:28 PM	63.6	63.9	8:34:06 AM	63.9	64.5
8.0	9:04:07 AM	64.7	64.7	11:54:11 AM	63.8	64.0	3:51:28 PM	62.6	63.7	8:35:06 AM	64.1	64.5
9.0	9:05:07 AM	66.3	64.9	11:55:11 AM	64.3	64.1	3:52:28 PM	62.2	63.6	8:36:06 AM	64.1	64.4
10.0	9:06:07 AM	63.9	64.8	11:56:11 AM	63.9	64.0	3:53:28 PM	61.5	63.4	8:37:06 AM	65.9	64.6
11.0	9:07:07 AM	64.2	64.7	11:57:11 AM	64.6	64.1	3:54:28 PM	63.2	63.3	8:38:06 AM	65.2	64.6
12.0	9:08:07 AM	64.2	64.7	11:58:11 AM	64.7	64.1	3:55:28 PM	62.5	63.3	8:39:06 AM	65.9	64.7
13.0	9:09:07 AM	65.0	64.7	11:59:11 AM	63.9	64.1	3:56:28 PM	62.2	63.2	8:40:06 AM	64.7	64.7
14.0	9:10:07 AM	64.5	64.7	12:00:11 PM	64.4	64.1	3:57:28 PM	62.6	63.1	8:41:06 AM	67.4	64.9
15.0	9:11:07 AM	65.0	64.7	12:01:11 PM	64.0	64.1	3:58:28 PM	63.4	63.2	8:42:06 AM	65.5	65.0

APPENDIX J

TNM Model Printouts



Lima - Vinyl Wall Site (Analysis)		Sheet 1 of 1	10 May 2022
Plan View		ODOT	
Run name: LimaVinyl_run		Project/Contract No. Vinyl Noise Wall Research P	
Scale: 		TNM Version 2.5, Feb 2004	
Analysis By: Kimberly Burton & Ruchi Agarwal			
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

000 1531000 1531200 1531400 1531600 1531800 1532000 1532200 1532400 1532600

RESULTS: SOUND LEVELS

Vinyl Noise Wall Research Project

ODOT										1 March 2022			
Kimberly Burton & Ruchi Agarwal										TNM 2.5			
										Calculated with TNM 2.5			
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project											
RUN:		Lima - Vinyl Wall Site (Analysis)											
BARRIER DESIGN:		8ft Wall										Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.	
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Meter A		1	1	0.0	77.0	66	77.0	10	Snd Lvl	77.0	0.0	8	-8.0
Meter B		2	1	0.0	74.4	66	74.4	10	Snd Lvl	62.8	11.6	8	3.6
Meter C		3	1	0.0	72.3	66	72.3	10	Snd Lvl	65.9	6.4	8	-1.6
Meter D		4	1	0.0	70.6	66	70.6	10	Snd Lvl	65.6	5.0	8	-3.0
Meter E		5	1	0.0	67.3	66	67.3	10	Snd Lvl	65.3	2.0	8	-6.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		5	0.0	5.0	11.6								
All Impacted		5	0.0	5.0	11.6								
All that meet NR Goal		1	11.6	11.6	11.6								

RESULTS: SOUND LEVELS

Vinyl Noise Wall Research Project

ODOT		1 March 2022											
Kimberly Burton & Ruchi Agarwal		TNM 2.5											
		Calculated with TNM 2.5											
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project											
RUN:		Lima - Vinyl Wall Site (Analysis)											
BARRIER DESIGN:		No Wall											
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver		Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.											
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction			Calculated minus Goal
										Calculated	Goal	Calculated	
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB
Meter A	1	1	0.0	77.0	66	77.0	10	Snd Lvl	77.0	0.0	8	-8.0	
Meter B	2	1	0.0	74.4	66	74.4	10	Snd Lvl	74.4	0.0	8	-8.0	
Meter C	3	1	0.0	72.3	66	72.3	10	Snd Lvl	72.3	0.0	8	-8.0	
Meter D	4	1	0.0	70.6	66	70.6	10	Snd Lvl	70.6	0.0	8	-8.0	
Meter E	5	1	0.0	67.3	66	67.3	10	Snd Lvl	67.3	0.0	8	-8.0	
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		5	0.0	0.0	0.0								
All Impacted		5	0.0	0.0	0.0								
All that meet NR Goal		0	0.0	0.0	0.0								

INPUT: ROADWAYS

Vinyl Noise Wall Research Project

		point54	54	1,531,929.2	387,647.5	896.00				Average
		point53	53	1,531,927.6	387,835.3	896.00				Average
		point52	52	1,531,929.2	387,985.9	894.00				Average
		point51	51	1,531,928.5	388,057.2	894.00				Average
		point50	50	1,531,927.6	388,215.7	892.00				Average
		point49	49	1,531,926.1	388,289.4	890.00				Average
		point48	48	1,531,921.4	388,470.1	890.00				Average
		point47	47	1,531,920.6	388,510.9	888.00				Average
		point46	46	1,531,919.2	388,692.4	888.00				Average
		point45	45	1,531,920.1	388,778.1	886.00				Average
		point44	44	1,531,915.0	389,047.0	886.00				
I-75SB Aux Ln & Off Ramp	14.0	point9	9	1,531,823.9	389,023.4	886.00				Average
		point8	8	1,531,827.5	388,785.6	886.00				Average
		point7	7	1,531,828.0	388,695.8	886.00				Average
		point6	6	1,531,830.0	388,471.3	888.00				Average
		point5	5	1,531,832.4	388,298.3	890.00				Average
		point4	4	1,531,832.9	388,247.9	890.00				Average
		point3	3	1,531,832.9	388,219.7	892.00				Average
		point2	2	1,531,834.4	388,064.8	894.00				Average
		point25	25	1,531,831.4	387,839.4	895.00				Average
		point23	23	1,531,818.8	387,653.8	896.00				Average
		point22	22	1,531,796.1	387,478.9	895.00				Average
		point21	21	1,531,771.4	387,374.1	895.00				Average
		point20	20	1,531,761.5	387,348.6	896.00				Average
		point19	19	1,531,718.4	387,266.2	898.00				Average
		point18	18	1,531,688.2	387,224.3	900.00				Average
		point17	17	1,531,652.6	387,187.5	900.00				Average
		point16	16	1,531,593.9	387,138.1	901.00				Average
		point15	15	1,531,491.1	387,066.1	903.00				Average
		point14	14	1,531,389.4	386,992.0	904.00				Average
		point13	13	1,531,324.4	386,905.2	905.00				Average
		point12	12	1,531,302.0	386,804.0	906.00				Average
		point11	11	1,531,300.6	386,734.6	906.00				Average
		point10	10	1,531,300.9	386,621.1	907.00				

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research Project

ODOT		10 May 2022										
Kimberly Burton & Ruchi Agarwal		TNM 2.5										
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project										
RUN:		Lima - Vinyl Wall Site (Analysis)										
Roadway	Points											
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
			Autos		V	S	V	S	V	S	V	S
			V	S	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
I-75SB	point43	43	714	70	69	70	448	70	0	0	0	0
	point42	42	714	70	69	70	448	70	0	0	0	0
	point41	41	714	70	69	70	448	70	0	0	0	0
	point40	40	714	70	69	70	448	70	0	0	0	0
	point39	39	714	70	69	70	448	70	0	0	0	0
	point38	38	714	70	69	70	448	70	0	0	0	0
	point37	37	714	70	69	70	448	70	0	0	0	0
	point36	36	714	70	69	70	448	70	0	0	0	0
	point35	35	714	70	69	70	448	70	0	0	0	0
	point34	34	714	70	69	70	448	70	0	0	0	0
	point33	33	714	70	69	70	448	70	0	0	0	0
	point32	32	714	70	69	70	448	70	0	0	0	0
	point31	31	714	70	69	70	448	70	0	0	0	0
	point30	30	714	70	69	70	448	70	0	0	0	0
	point29	29	714	70	69	70	448	70	0	0	0	0
	point28	28	714	70	69	70	448	70	0	0	0	0
	point27	27	714	70	69	70	448	70	0	0	0	0
	point26	26										
I-75NB	point61	61	714	75	69	75	448	75	0	0	0	0
	point60	60	714	75	69	75	448	75	0	0	0	0
	point59	59	714	75	69	75	448	75	0	0	0	0
	point58	58	714	75	69	75	448	75	0	0	0	0
	point57	57	714	75	69	75	448	75	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research Project

	point56	56	714	75	69	75	448	75	0	0	0	0
	point55	55	714	75	69	75	448	75	0	0	0	0
	point54	54	714	75	69	75	448	75	0	0	0	0
	point53	53	714	75	69	75	448	75	0	0	0	0
	point52	52	714	75	69	75	448	75	0	0	0	0
	point51	51	714	75	69	75	448	75	0	0	0	0
	point50	50	714	75	69	75	448	75	0	0	0	0
	point49	49	714	75	69	75	448	75	0	0	0	0
	point48	48	714	75	69	75	448	75	0	0	0	0
	point47	47	714	75	69	75	448	75	0	0	0	0
	point46	46	714	75	69	75	448	75	0	0	0	0
	point45	45	714	75	69	75	448	75	0	0	0	0
	point44	44										
I-75SB Aux Ln & Off Ramp	point9	9	100	55	2	55	5	55	0	0	0	0
	point8	8	100	55	2	55	5	55	0	0	0	0
	point7	7	100	55	2	55	5	55	0	0	0	0
	point6	6	100	55	2	55	5	55	0	0	0	0
	point5	5	100	55	2	55	5	55	0	0	0	0
	point4	4	100	55	2	55	5	55	0	0	0	0
	point3	3	100	55	2	55	5	55	0	0	0	0
	point2	2	100	55	2	55	5	55	0	0	0	0
	point25	25	100	55	2	55	5	55	0	0	0	0
	point23	23	100	55	2	55	5	55	0	0	0	0
	point22	22	100	55	2	55	5	55	0	0	0	0
	point21	21	100	55	2	55	5	55	0	0	0	0
	point20	20	100	55	2	55	5	55	0	0	0	0
	point19	19	100	55	2	55	5	55	0	0	0	0
	point18	18	100	55	2	55	5	55	0	0	0	0
	point17	17	100	55	2	55	5	55	0	0	0	0
	point16	16	100	55	2	55	5	55	0	0	0	0
	point15	15	100	55	2	55	5	55	0	0	0	0
	point14	14	100	55	2	55	5	55	0	0	0	0
	point13	13	100	55	2	55	5	55	0	0	0	0
	point12	12	100	55	2	55	5	55	0	0	0	0
	point11	11	100	55	2	55	5	55	0	0	0	0
	point10	10										

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research Project

ODOT														
Kimberly Burton & Ruchi Agarwal				10 May 2022										
				TNM 2.5										
INPUT: TRAFFIC FOR LAeq1h Volumes														
PROJECT/CONTRACT:				Vinyl Noise Wall Research Project										
RUN:				Lima - Vinyl Wall Site (Analysis)										
Roadway	Points													
Name	Name	No.	Segment											
			User 1		User 2		User 3		User 4		<unknown>			
			V	S	V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
I-75SB	point43	43												
	point42	42												
	point41	41												
	point40	40												
	point39	39												
	point38	38												
	point37	37												
	point36	36												
	point35	35												
	point34	34												
	point33	33												
	point32	32												
	point31	31												
	point30	30												
	point29	29												
	point28	28												
	point27	27												
	point26	26												
I-75NB	point61	61												
	point60	60												
	point59	59												
	point58	58												
	point57	57												

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research Project

	point56	56											
	point55	55											
	point54	54											
	point53	53											
	point52	52											
	point51	51											
	point50	50											
	point49	49											
	point48	48											
	point47	47											
	point46	46											
	point45	45											
	point44	44											
I-75SB Aux Ln & Off Ramp	point9	9											
	point8	8											
	point7	7											
	point6	6											
	point5	5											
	point4	4											
	point3	3											
	point2	2											
	point25	25											
	point23	23											
	point22	22											
	point21	21											
	point20	20											
	point19	19											
	point18	18											
	point17	17											
	point16	16											
	point15	15											
	point14	14											
	point13	13											
	point12	12											
	point11	11											
	point10	10											

INPUT: RECEIVERS

Vinyl Noise Wall Research Project

ODOT						10 May 2022					
Kimberly Burton & Ruchi Agarwal						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project									
RUN:		Lima - Vinyl Wall Site (Analysis)									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Meter A	1	1	1,531,733.8	387,673.1	896.00	13.00	0.00	66	10.0	8.0	Y
Meter B	2	1	1,531,727.5	387,674.3	895.00	4.00	0.00	66	10.0	8.0	Y
Meter C	3	1	1,531,682.6	387,678.5	895.00	4.00	0.00	66	10.0	8.0	Y
Meter D	4	1	1,531,632.9	387,683.2	895.00	4.00	0.00	66	10.0	8.0	Y
Meter E	5	1	1,531,533.4	387,692.6	895.00	4.00	0.00	66	10.0	8.0	Y

INPUT: BARRIERS

Vinyl Noise Wall Research Project

ODOT	10 May 2022
Kimberly Burton & Ruchi Agarwal	TNM 2.5

INPUT: BARRIERS

PROJECT/CONTRACT: Vinyl Noise Wall Research Project
 RUN: Lima - Vinyl Wall Site (Analysis)

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	\$ per	\$ per	Top	Run:Rise	\$ per			X	Y	Z	at	Seg	Ht	Perturbs	On	Important
				Unit	Unit	Width		Unit						Point	Incre-	#Up	#Dn	Struct?	Reflec-
		ft	ft	Area	Vol.		ft:ft	Length			ft	ft	ft	ft	ment				tions?
				\$/sq ft	\$/cu yd			\$/ft											
Vinyl Wall	W	6.00	14.00	0.00				0.00	North End	4	1,531,753.6	387,869.2	896.00	8.00	1.00	6	2		
									Middle	5	1,531,727.5	387,627.7	896.00	8.00	1.00	6	2		
									South End	6	1,531,687.6	387,470.7	899.00	8.00					

INPUT: BUILDING ROWS

Vinyl Noise Wall Research Project

ODOT			10 May 2022			
Kimberly Burton & Ruchi Agarwal			TNM 2.5			
INPUT: BUILDING ROWS						
PROJECT/CONTRACT:			Vinyl Noise Wall Research Project			
RUN:			Lima - Vinyl Wall Site (Analysis			
Building Row			Points			
Name	Average Height	Building Percent	No.	Coordinates (ground)		
	ft	%		X	Y	Z
				ft	ft	ft
Building3	15.00	57	1	1,531,431.0	387,494.0	900.00
			2	1,531,652.5	387,523.0	902.00

INPUT: TERRAIN LINES

Vinyl Noise Wall Research Project

ODOT			10 May 2022	
Kimberly Burton & Ruchi Agarwal			TNM 2.5	
INPUT: TERRAIN LINES				
PROJECT/CONTRACT:	Vinyl Noise Wall Research Project			
RUN:	Lima - Vinyl Wall Site (Analysis)			
Terrain Line	Points			
Name	No.	Coordinates (ground)		
		X	Y	Z
		ft	ft	ft
Terrain Line1-ROW	1	1,531,327.0	387,028.8	899.00
	2	1,531,667.6	387,323.7	902.00
	3	1,531,700.6	387,468.8	899.00
	4	1,531,730.0	387,599.4	896.00
	5	1,531,741.5	387,673.8	896.00
	6	1,531,762.6	387,871.5	895.00
	7	1,531,760.1	388,080.7	890.00
	8	1,531,753.2	388,212.7	890.00
	9	1,531,751.6	388,234.1	891.00
	10	1,531,750.5	388,251.1	890.00
	11	1,531,744.4	388,351.6	888.00
	12	1,531,737.6	388,435.1	886.00
	13	1,531,732.8	388,791.6	884.00
	14	1,531,746.6	388,816.6	880.00
	15	1,531,750.8	388,897.0	898.00
	16	1,531,750.8	389,001.5	884.00
Terrain Line6-EOP	59	1,531,849.5	386,644.2	900.00
	60	1,531,855.0	386,796.3	900.00
	61	1,531,859.0	386,887.8	900.00
	62	1,531,862.0	387,067.5	900.00
	63	1,531,861.5	387,093.6	898.00
	64	1,531,864.6	387,341.5	898.00
	65	1,531,867.1	387,408.1	898.00
	66	1,531,868.1	387,466.2	896.00

INPUT: TERRAIN LINES

	67	1,531,869.1	387,653.6	896.00
	68	1,531,869.1	387,838.3	894.00
	69	1,531,868.1	388,065.0	892.00
	70	1,531,866.6	388,219.8	890.00
	71	1,531,866.6	388,248.0	890.00
	72	1,531,866.1	388,298.8	890.00
	73	1,531,863.6	388,471.8	888.00
	74	1,531,861.6	388,696.0	886.00
	75	1,531,861.1	388,785.9	886.00
	76	1,531,857.6	389,023.9	886.00
Terrain Line7-EOP	77	1,531,898.0	389,046.7	886.00
	78	1,531,903.1	388,778.0	886.00
	79	1,531,902.4	388,692.4	888.00
	80	1,531,903.6	388,510.7	888.00
	81	1,531,904.5	388,469.7	890.00
	82	1,531,909.1	388,289.1	890.00
	83	1,531,910.6	388,215.5	892.00
	84	1,531,911.5	388,057.1	894.00
	85	1,531,912.2	387,985.9	894.00
	86	1,531,910.8	387,835.4	896.00
	87	1,531,912.2	387,647.6	896.00
	88	1,531,910.6	387,591.9	896.00
	89	1,531,909.9	387,416.2	898.00
	90	1,531,908.2	387,353.1	898.00
	91	1,531,904.0	387,052.5	900.00
	92	1,531,903.1	386,981.4	900.00
	93	1,531,901.0	386,884.4	900.00
	94	1,531,898.8	386,644.8	900.00
Terrain Line8-EOP	95	1,531,938.0	389,047.4	886.00
	96	1,531,943.0	388,778.2	886.00
	97	1,531,942.2	388,692.4	888.00
	98	1,531,943.6	388,511.2	888.00
	99	1,531,944.4	388,470.6	890.00
	100	1,531,949.0	388,290.0	890.00
	101	1,531,950.6	388,216.0	892.00
	102	1,531,951.4	388,057.4	894.00

Vinyl Noise Wall Research Project

INPUT: TERRAIN LINES

	103	1,531,954.6	387,985.6	894.00
	104	1,531,957.8	387,835.4	896.00
	105	1,531,961.1	387,647.4	896.00
	106	1,531,962.0	387,591.1	896.00
	107	1,531,963.6	387,416.2	898.00
	108	1,531,964.0	387,353.8	898.00
	109	1,531,964.0	387,052.0	900.00
	110	1,531,963.5	386,981.1	900.00
	111	1,531,962.2	386,883.0	900.00
	112	1,531,958.6	386,646.2	900.00
Terrain Line9-886	113	1,531,468.1	388,833.5	886.00
	114	1,531,721.1	388,789.8	886.00
	115	1,531,572.1	388,796.2	886.00
	116	1,531,468.1	388,782.2	886.00
	117	1,531,435.1	388,767.0	886.00
Terrain Line10-886	118	1,531,727.5	388,427.0	886.00
	119	1,531,692.6	388,405.4	886.00
	120	1,531,609.5	388,399.7	886.00
	121	1,531,536.0	388,378.2	886.00
	122	1,531,535.4	388,338.2	886.00
	123	1,531,475.1	388,282.5	886.00
Terrain Line11-888	124	1,531,730.6	388,346.2	888.00
	125	1,531,690.8	388,336.8	888.00
	126	1,531,625.4	388,308.2	888.00
	127	1,531,541.6	388,191.7	888.00
Terrain Line12-890	128	1,531,739.5	388,259.5	890.00
	129	1,531,705.2	388,246.8	890.00
	130	1,531,745.2	388,228.4	890.00
Terrain Line13-890	131	1,531,754.1	388,077.2	890.00
	132	1,531,699.5	388,065.8	890.00
	133	1,531,663.4	388,038.5	890.00
	134	1,531,681.8	387,975.8	890.00
	135	1,531,636.1	387,911.8	890.00
	136	1,531,491.6	387,908.0	890.00
	137	1,531,693.9	387,892.8	890.00
	138	1,531,687.5	387,878.9	890.00

Vinyl Noise Wall Research Project

INPUT: TERRAIN LINES

	139	1,531,543.0	387,884.6	890.00
Terrain Line2-Ditch	26	1,531,336.6	387,004.1	897.00
	27	1,531,417.0	387,073.9	897.00
	28	1,531,606.9	387,206.3	896.00
	29	1,531,684.1	387,301.2	895.00
	30	1,531,733.5	387,401.2	893.00
	31	1,531,762.1	387,536.2	893.00
	32	1,531,766.9	387,591.9	893.00
	33	1,531,772.0	387,671.1	893.00
	17	1,531,787.2	387,871.9	888.00
	18	1,531,790.1	388,064.9	887.00
	19	1,531,788.6	388,219.5	887.00
	20	1,531,788.6	388,247.7	886.00
	21	1,531,788.1	388,297.8	886.00
	22	1,531,785.6	388,470.8	884.00
	23	1,531,783.6	388,695.5	883.00
	24	1,531,782.1	388,813.0	880.00
	25	1,531,779.6	389,022.7	883.00
Terrain Line4-EOP	44	1,531,286.2	386,621.1	907.00
	45	1,531,286.0	386,734.7	906.00
	46	1,531,287.4	386,805.7	906.00
	47	1,531,310.8	386,911.5	905.00
	48	1,531,379.0	387,002.6	904.00
	49	1,531,482.6	387,078.0	903.00
	50	1,531,585.0	387,149.7	901.00
	51	1,531,642.6	387,198.2	900.00
	52	1,531,677.1	387,233.8	900.00
	53	1,531,706.0	387,273.9	898.00
	54	1,531,748.1	387,354.7	896.00
	55	1,531,757.4	387,378.5	895.00
	56	1,531,781.8	387,481.6	895.00
	57	1,531,803.2	387,661.0	896.00
	35	1,531,816.5	387,839.6	895.00
	36	1,531,819.5	388,064.8	894.00
	37	1,531,818.0	388,219.6	892.00
	38	1,531,818.0	388,247.8	890.00

Vinyl Noise Wall Research Project

INPUT: TERRAIN LINES

	39	1,531,817.5	388,298.2	890.00
	40	1,531,815.0	388,471.2	888.00
	41	1,531,813.0	388,695.7	886.00
	42	1,531,812.5	388,785.4	886.00
	43	1,531,809.0	389,023.2	886.00
Terrain Line21-898	211	1,531,686.8	387,510.4	898.00
	212	1,531,676.4	387,522.3	898.00
	213	1,531,681.6	387,527.4	898.00
	214	1,531,699.1	387,533.7	898.00
	215	1,531,691.4	387,539.3	898.00
	216	1,531,684.1	387,548.1	898.00
	217	1,531,689.2	387,558.6	898.00
	218	1,531,688.0	387,580.8	898.00
	219	1,531,696.5	387,587.3	898.00
	220	1,531,691.1	387,603.1	898.00
	221	1,531,666.8	387,624.8	898.00
	222	1,531,643.8	387,638.0	898.00
	223	1,531,607.8	387,641.6	898.00
	224	1,531,564.0	387,636.2	898.00
	225	1,531,564.2	387,644.2	898.00
	226	1,531,550.5	387,644.8	898.00
	227	1,531,553.9	387,633.9	898.00
	228	1,531,526.2	387,640.3	898.00
	229	1,531,506.5	387,615.5	898.00
Terrain Line22-896	230	1,531,502.1	387,712.3	896.00
	231	1,531,509.6	387,721.3	896.00
	232	1,531,529.0	387,745.9	896.00
	233	1,531,601.5	387,768.3	896.00
	234	1,531,641.9	387,755.6	896.00
	235	1,531,695.6	387,777.3	896.00
	236	1,531,735.6	387,788.7	896.00
Terrain Line23-Site	237	1,531,431.5	387,529.2	900.00
	238	1,531,659.8	387,525.0	902.00
	239	1,531,658.4	387,328.6	902.00
	240	1,531,434.2	387,329.5	902.00

Vinyl Noise Wall Research Project

INPUT: GROUND ZONES

Vinyl Noise Wall Research Project

ODOT					
Kimberly Burton & Ruchi Agarwal					
INPUT: GROUND ZONES					
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project			
RUN:		Lima - Vinyl Wall Site (Analysis)			
Ground Zone				Points	
Name	Type	Flow Resistivity	No.	Coordinates	
		cgs rayls		X	Y
				ft	ft

INPUT: TREE ZONES

Vinyl Noise Wall Research Project

ODOT				10 May 2022	
Kimberly Burton & Ruchi Agarwal				TNM 2.5	
INPUT: TREE ZONES					
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project			
RUN:		Lima - Vinyl Wall Site (Analysis)			
Tree Zone		Points			
Name	Average	No.	Coordinates (ground)		
	Height		X	Y	Z
	ft		ft	ft	ft
<< This table is empty >>					

INPUT: CONTOUR ZONES

Vinyl Noise Wall Research Project

ODOT				10 May 2022		
Kimberly Burton & Ruchi Agarwal				TNM 2.5		
INPUT: CONTOUR ZONES						
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project				
RUN:		Lima - Vinyl Wall Site (Analysis)				
Contour Zone				Points		
Name	Grid Height	Minimum Grid Spacing	Contour Tolerance	No.	Coordinates	
					X	Y
	ft	ft	dB		ft	ft
<< This table is empty >>						

INPUT: RECEIVER ADJUSTMENT FACTORS

Vinyl Noise Wall Research Project

ODOT Kimberly Burton & Ruchi Agarwal		10 May 2022 TNM 2.5			
INPUT: RECEIVER ADJUSTMENT FACTORS PROJECT/CONTRACT:		Vinyl Noise Wall Research Project			
RUN:		Lima - Vinyl Wall Site (Analysis)			
Receiver					
Name		No. Individual Roadway Segment Adjustment Factors			
		Roadway		Segment	
		Name		No. Adj. Factor	
				dB	
<< This table is empty >>					

INPUT: "STRUCTURE" BARRIERS

Vinyl Noise Wall Research Project

ODOT		10 May 2022			
Kimberly Burton & Ruchi Agarwal		TNM 2.5			
INPUT: "STRUCTURE" BARRIERS					
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project			
RUN:		Lima - Vinyl Wall Site (Analysis)			
Barrier	Segments		Shielded Roadways	Segments	
Name	Name	No.	Name	Name	No.
<< This table is empty >>					

INPUT: BARRIER NOISE REDUCTION COEFFICIENTS

Vinyl Noise Wall Research Project

ODOT					10 May 2022		
Kimberly Burton & Ruchi Agarwal					TNM 2.5		
INPUT: BARRIER NOISE REDUCTION COEFFICIENTS							
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project					
RUN:		Lima - Vinyl Wall Site (Analysis)					
Barrier	Segments				Reflected Roadways		Segments
Name	Name	No.	NRC		Name	Name	No.
			LSide	RSide			
Vinyl Wall	North End	4	0.0	0.0	---	---	0
	Middle	5	0.0	0.0	---	---	0

RESULTS: BARRIER DESCRIPTIONS

Vinyl Noise Wall Research Project

ODOT					10 May 2022					
Kimberly Burton & Ruchi Agarwal					TNM 2.5					
RESULTS: BARRIER DESCRIPTIONS										
PROJECT/CONTRACT:			Vinyl Noise Wall Research Project							
RUN:			Lima - Vinyl Wall Site (Analysis)							
BARRIER DESIGN:			INPUT HEIGHTS							
Barriers										
Name	Type	Heights along Barrier			Length	If Wall	If Berm	Top	Run:Rise	Cost
		Min	Avg	Max						
		ft	ft	ft	ft	sq ft	cu yd	ft	ft:ft	\$
Vinyl Wall	W	8.00	8.00	8.00	405	3239				0
									Total Cost:	0

RESULTS: SOUND LEVELS

Vinyl Noise Wall Research Project

ODOT						10 May 2022						
Kimberly Burton & Ruchi Agarwal						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Vinyl Noise Wall Research Project									
RUN:			Lima - Vinyl Wall Site (Analysis)									
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB			dB	dB	dB	dB
Meter A	1	1	0.0	77.0	66	77.0	10	Snd Lvl	77.0	0.0	8	-8.0
Meter B	2	1	0.0	74.4	66	74.4	10	Snd Lvl	62.8	11.6	8	3.6
Meter C	3	1	0.0	72.3	66	72.3	10	Snd Lvl	65.9	6.4	8	-1.6
Meter D	4	1	0.0	70.6	66	70.6	10	Snd Lvl	65.6	5.0	8	-3.0
Meter E	5	1	0.0	67.3	66	67.3	10	Snd Lvl	65.3	2.0	8	-6.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		5	0.0	5.0	11.6							
All Impacted		5	0.0	5.0	11.6							
All that meet NR Goal		1	11.6	11.6	11.6							

RESULTS: SOUND-LEVEL DIAGNOSIS BY BARRIER SEGMENT

Vinyl Noise Wall Research Project

ODOT			10 May 2022			
Kimberly Burton & Ruchi Agarwal			TNM 2.5			
			Calculated with TNM 2.5			
RESULTS: SOUND-LEVEL DIAGNOSIS BY BARRIER SEGMENT						
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project				
RUN:		Lima - Vinyl Wall Site (Analysis)				
BARRIER DESIGN:		INPUT HEIGHTS				
ATMOSPHERICS:		68 deg F, 50% RH				
Selected Receivers						
Name	No.	Total	Important Barriers Name	Important Segments		
		LAeq1h		Name	No.	Partial LAeq1h
		dBA				dBA
Meter A	1	77.00				
Meter B	2	62.80	Vinyl Wall	North End	4	62.40
			Vinyl Wall	Middle	5	28.70
Meter C	3	65.90	Vinyl Wall	North End	4	64.30
			Vinyl Wall	Middle	5	58.50
Meter D	4	65.60	Vinyl Wall	North End	4	62.90
			Vinyl Wall	Middle	5	59.30
Meter E	5	65.30	Vinyl Wall	North End	4	62.00
			Vinyl Wall	Middle	5	58.10

RESULTS: SOUND-LEVEL DIAGNOSIS BY VEHICLE TYPE

Vinyl Noise Wall Research Project

ODOT		10 May 2022	
Kimberly Burton & Ruchi Agarwal		TNM 2.5	
		Calculated with TNM 2.5	
RESULTS: SOUND-LEVEL DIAGNOSIS BY VEHICLE TYPE			
PROJECT/CONTRACT:	Vinyl Noise Wall Research Project		
RUN:	Lima - Vinyl Wall Site (Analysis)		
BARRIER DESIGN:	INPUT HEIGHTS		
ATMOSPHERICS:	68 deg F, 50% RH		
Receivers			
Name	No.	Total LAeq1h	Vehicle Type Name
		dBA	Partial LAeq1h
			dBA
Meter A	1	77.0	Autos 69.5
			MTrucks 64.5
			HTrucks 75.9
			Buses
			Motorcycles
Meter B	2	62.8	Autos 53.9
			MTrucks 50.0
			HTrucks 61.9
			Buses
			Motorcycles
Meter C	3	65.9	Autos 56.8
			MTrucks 52.3
			HTrucks 65.1
			Buses
			Motorcycles
Meter D	4	65.6	Autos 56.2
			MTrucks 51.6
			HTrucks 64.9
			Buses
			Motorcycles

RESULTS: SOUND-LEVEL DIAGNOSIS BY VEHICLE TYPE

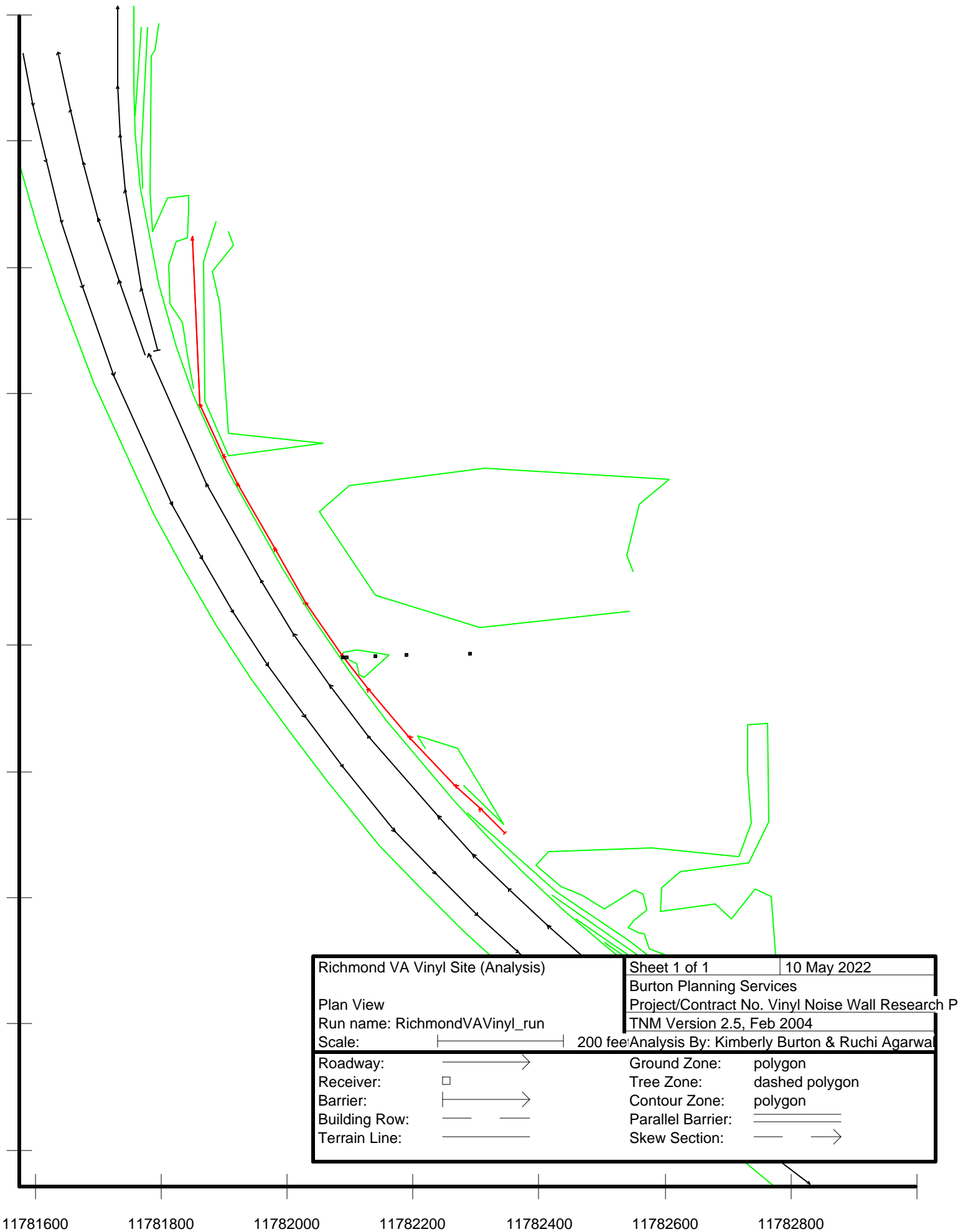
Meter E	5	65.3	Autos	54.2
			MTrucks	49.7
			HTrucks	64.9
			Buses	
			Motorcycles	

Vinyl Noise Wall Research Project

RESULTS: BARRIER DESIGN

Vinyl Noise Wall Research Project

ODOT						10 May 2022						
Kimberly Burton & Ruchi Agarw.						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: BARRIER DESIGN												
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project										
RUN:		Lima - Vinyl Wall Site (Analysis)										
BARRIER DESIGN:		INPUT HEIGHTS										
ATMOSPHERICS: 68 deg F, 50% RH												
Selected Receivers												
Name		No.	Calc Noise Reduction				Barrier Reviewed		Important Segments		Partial	
			LAeq1h	Calc	Goal	Calc-Goal			Name	No.	Height	LAeq1h
			dBA	dB	dB	dB					ft	dBA
Meter A		1	77.0	0.0	8	-8.0						
Meter B		2	62.8	11.6	8	3.6	Vinyl Wall		North End	4	8.0	62.4
							Vinyl Wall		Middle	5	8.0	28.7
Meter C		3	65.9	6.4	8	-1.6	Vinyl Wall		North End	4	8.0	64.3
							Vinyl Wall		Middle	5	8.0	58.5
Meter D		4	65.6	5.0	8	-3.0	Vinyl Wall		North End	4	8.0	62.9
							Vinyl Wall		Middle	5	8.0	59.3
Meter E		5	65.3	2.0	8	-6.0	Vinyl Wall		North End	4	8.0	62.0
							Vinyl Wall		Middle	5	8.0	58.1
Total Cost, All Barriers (including additional cost(s))						\$0						



RESULTS: SOUND LEVELS

Vinyl Noise Wall Research Project

Burton Planning Services						1 March 2022						
Kimberly Burton & Ruchi Agarwal						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project										
RUN:		Richmond VA Vinyl Site (Analysis)										
BARRIER DESIGN:		No Wall						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Vinyl-MeterA	1	1	0.0	82.1	66	82.1	10	Snd Lvl	82.1	0.0	8	-8.0
Vinyl-MeterB	2	1	0.0	81.9	66	81.9	10	Snd Lvl	81.9	0.0	8	-8.0
Vinyl-MeterC	3	1	0.0	79.4	66	79.4	10	Snd Lvl	79.4	0.0	8	-8.0
Vinyl-MeterD	4	1	0.0	75.8	66	75.8	10	Snd Lvl	75.8	0.0	8	-8.0
Vinyl-MeterE	5	1	0.0	70.7	66	70.7	10	Snd Lvl	70.7	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		5	0.0	0.0	0.0							
All Impacted		5	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: ROADWAYS

Vinyl Noise Wall Research Project

		point29	29	11,781,531.0	3,736,981.2	206.00				Average
		point28	28	11,781,499.0	3,737,080.2	208.00				Average
		point27	27	11,781,475.0	3,737,169.2	210.00				Average
		point26	26	11,781,454.0	3,737,253.2	212.00				Average
		point25	25	11,781,436.0	3,737,344.0	214.00				
I-64/I-95 NB 4-lane	46.0	point48	48	11,782,667.0	3,735,597.0	220.00				Average
		point47	47	11,782,596.0	3,735,652.5	218.00				Average
		point46	46	11,782,530.0	3,735,701.5	204.00				Average
		point45	45	11,782,460.0	3,735,756.8	200.00				Average
		point44	44	11,782,394.0	3,735,807.0	214.00				Average
		point43	43	11,782,357.0	3,735,835.8	212.00				Average
		point42	42	11,782,335.0	3,735,853.8	214.00				Average
		point41	41	11,782,278.0	3,735,899.5	212.00				Average
		point40	40	11,782,212.0	3,735,958.0	210.00				Average
		point39	39	11,782,149.0	3,736,016.5	208.00				Average
		point38	38	11,782,093.0	3,736,071.2	206.00				Average
		point37	37	11,782,038.0	3,736,132.0	204.00				Average
		point36	36	11,781,926.0	3,736,259.5	202.00				Average
		point35	35	11,781,866.0	3,736,339.2	200.00				Average
		point34	34	11,781,809.0	3,736,421.8	200.00				Average
		point33	33	11,781,757.0	3,736,506.8	200.00				Average
		point32	32	11,781,670.0	3,736,659.0	202.00				Average
		point31	31	11,781,579.0	3,736,864.8	204.00				
I-64 WB Ramp	24.0	point54	54	11,781,592.0	3,736,870.2	204.00	Onramp	50.00	100	Average
		point53	53	11,781,567.0	3,736,969.2	204.00				Average
		point52	52	11,781,541.0	3,737,125.8	206.00				Average
		point51	51	11,781,533.0	3,737,213.0	208.00				Average
		point50	50	11,781,529.0	3,737,289.5	210.00				Average
		point49	49	11,781,530.0	3,737,416.0	212.00				

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research Project

Burton Planning Services													
Kimberly Burton & Ruchi Agarwal													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:													
RUN:													
Roadway		Points											
Name		Name		No.		Segment							
						Autos		MTrucks		HTrucks		Buses	
						V S		V S		V S		V S	
						veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph	
I-64/I-95 SB 4-lane		point1		1		5097 60		166 60		365 60		0 0	
		point2		2		5097 60		166 60		365 60		0 0	
		point3		3		5097 60		166 60		365 60		0 0	
		point4		4		5097 60		166 60		365 60		0 0	
		point5		5		5097 60		166 60		365 60		0 0	
		point6		6		5097 60		166 60		365 60		0 0	
		point7		7		5097 60		166 60		365 60		0 0	
		point8		8		5097 60		166 60		365 60		0 0	
		point9		9		5097 60		166 60		365 60		0 0	
		point10		10		5097 60		166 60		365 60		0 0	
		point11		11		5097 60		166 60		365 60		0 0	
		point12		12		5097 60		166 60		365 60		0 0	
		point13		13		5097 60		166 60		365 60		0 0	
		point14		14		5097 60		166 60		365 60		0 0	
		point15		15		5097 60		166 60		365 60		0 0	
		point16		16		5097 60		166 60		365 60		0 0	
		point17		17		5097 60		166 60		365 60		0 0	
		point18		18		5097 60		166 60		365 60		0 0	
		point19		19		5097 60		166 60		365 60		0 0	
		point20		20		5097 60		166 60		365 60		0 0	
		point21		21		5097 60		166 60		365 60		0 0	
		point22		22		5097 60		166 60		365 60		0 0	
		point23		23		5097 60		166 60		365 60		0 0	

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research Project

	point24	24										
I-95 NB 3-lane	point30	30	2423	60	181	60	274	60	0	0	0	0
	point29	29	2423	60	181	60	274	60	0	0	0	0
	point28	28	2423	60	181	60	274	60	0	0	0	0
	point27	27	2423	60	181	60	274	60	0	0	0	0
	point26	26	2423	60	181	60	274	60	0	0	0	0
	point25	25										
I-64/I-95 NB 4-lane	point48	48	5097	60	166	60	365	60	0	0	0	0
	point47	47	5097	60	166	60	365	60	0	0	0	0
	point46	46	5097	60	166	60	365	60	0	0	0	0
	point45	45	5097	60	166	60	365	60	0	0	0	0
	point44	44	5097	60	166	60	365	60	0	0	0	0
	point43	43	5097	60	166	60	365	60	0	0	0	0
	point42	42	5097	60	166	60	365	60	0	0	0	0
	point41	41	5097	60	166	60	365	60	0	0	0	0
	point40	40	5097	60	166	60	365	60	0	0	0	0
	point39	39	5097	60	166	60	365	60	0	0	0	0
	point38	38	5097	60	166	60	365	60	0	0	0	0
	point37	37	5097	60	166	60	365	60	0	0	0	0
	point36	36	5097	60	166	60	365	60	0	0	0	0
	point35	35	5097	60	166	60	365	60	0	0	0	0
	point34	34	5097	60	166	60	365	60	0	0	0	0
	point33	33	5097	60	166	60	365	60	0	0	0	0
	point32	32	5097	60	166	60	365	60	0	0	0	0
	point31	31										
I-64 WB Ramp	point54	54	2571	50	18	50	78	50	0	0	0	0
	point53	53	2571	50	18	50	78	50	0	0	0	0
	point52	52	2571	50	18	50	78	50	0	0	0	0
	point51	51	2571	50	18	50	78	50	0	0	0	0
	point50	50	2571	50	18	50	78	50	0	0	0	0
	point49	49										

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research Project

Burton Planning Services													
Kimberly Burton & Ruchi Agarwal													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:													
RUN:													
Roadway		Points											
Name		Name		No.		Segment							
						User 1		User 2		User 3		User 4	
						V		S		V		S	
						veh/hr		mph		veh/hr		mph	
												<unknown>	
												V	
												S	
												veh/hr	
												mph	
I-64/I-95 SB 4-lane		point1		1									
		point2		2									
		point3		3									
		point4		4									
		point5		5									
		point6		6									
		point7		7									
		point8		8									
		point9		9									
		point10		10									
		point11		11									
		point12		12									
		point13		13									
		point14		14									
		point15		15									
		point16		16									
		point17		17									
		point18		18									
		point19		19									
		point20		20									
		point21		21									
		point22		22									
		point23		23									

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research Project

	point24	24											
I-95 NB 3-lane	point30	30											
	point29	29											
	point28	28											
	point27	27											
	point26	26											
	point25	25											
I-64/I-95 NB 4-lane	point48	48											
	point47	47											
	point46	46											
	point45	45											
	point44	44											
	point43	43											
	point42	42											
	point41	41											
	point40	40											
	point39	39											
	point38	38											
	point37	37											
	point36	36											
	point35	35											
	point34	34											
	point33	33											
	point32	32											
	point31	31											
I-64 WB Ramp	point54	54											
	point53	53											
	point52	52											
	point51	51											
	point50	50											
	point49	49											

INPUT: RECEIVERS

Vinyl Noise Wall Research Project

Burton Planning Services							10 May 2022					
Kimberly Burton & Ruchi Agarwal							TNM 2.5					
INPUT: RECEIVERS												
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project										
RUN:		Richmond VA Vinyl Site (Analysis)										
Receiver												
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.	
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal		
			ft	ft	ft	ft	dBA	dBA	dB	dB		
Vinyl-MeterA	1	1	11,781,887.0	3,736,383.8	202.00	17.00	0.00	66	10.0	8.0	Y	
Vinyl-MeterB	2	1	11,781,893.0	3,736,383.8	202.00	4.00	0.00	66	10.0	8.0	Y	
Vinyl-MeterC	3	1	11,781,938.0	3,736,385.5	202.00	4.00	0.00	66	10.0	8.0	Y	
Vinyl-MeterD	4	1	11,781,988.0	3,736,386.5	200.00	4.00	0.00	66	10.0	8.0	Y	
Vinyl-MeterE	5	1	11,782,088.0	3,736,388.8	198.00	4.00	0.00	66	10.0	8.0	Y	

INPUT: BARRIERS

Vinyl Noise Wall Research Project

Burton Planning Services	10 May 2022
Kimberly Burton & Ruchi Agarwal	TNM 2.5

INPUT: BARRIERS

PROJECT/CONTRACT: Vinyl Noise Wall Research Project
 RUN: Richmond VA Vinyl Site (Analysis)

Barrier									Points										
Name	Type	Height		If Wall	If Berm	Run:Rise		Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	\$ per	\$ per	Top	Run:Rise	\$ per			X	Y	Z	at	Seg	Ht	Perturbs	On	Important
				Unit	Unit	Width		Unit						Point	Incre-	#Up	#Dn	Struct?	Reflec-
		ft	ft	Area	Vol.		ft:ft	Length			ft	ft	ft	ft	ment				tions?
				\$/sq ft	\$/cu yd			\$/ft											
VA Vinyl Wall	W	6.00	12.00	0.00				0.00	point1	1	11,782,144.0	3,736,105.0	204.00	12.00	1.00	0	6		
									point2	2	11,782,104.0	3,736,143.8	204.00	12.00	1.00	0	6		
									point3	3	11,782,065.0	3,736,181.0	204.00	12.00	1.00	0	6		
									point4	4	11,781,992.0	3,736,258.0	204.00	12.00	1.00	0	6		
									point5	5	11,781,926.0	3,736,333.2	202.00	12.00	1.00	0	6		
									point6	6	11,781,885.0	3,736,387.8	202.00	12.00	1.00	0	6		
									point7	7	11,781,827.0	3,736,469.5	202.00	12.00	1.00	0	6		
									point8	8	11,781,778.0	3,736,556.5	202.00	12.00	1.00	0	6		
									point9	9	11,781,719.0	3,736,659.0	202.00	12.00	1.00	0	6		
									point10	10	11,781,697.0	3,736,704.0	204.00	12.00	1.00	0	6		
									point11	11	11,781,661.0	3,736,784.8	204.00	12.00	1.00	0	6		
									point12	12	11,781,648.0	3,737,050.0	202.00	12.00					

INPUT: BUILDING ROWS

Vinyl Noise Wall Research Project

Burton Planning Services			10 May 2022			
Kimberly Burton & Ruchi Agarwal			TNM 2.5			
INPUT: BUILDING ROWS						
PROJECT/CONTRACT:			Vinyl Noise Wall Research Project			
RUN:			Richmond VA Vinyl Site (Analy			
Building Row			Points			
Name	Average Height	Building Percent	No.	Coordinates (ground)		
	ft	%		X	Y	Z
				ft	ft	ft
<< This table is empty >>						

INPUT: TERRAIN LINES

Vinyl Noise Wall Research Project

Burton Planning Services				10 May 2022
Kimberly Burton & Ruchi Agarwal				TNM 2.5
INPUT: TERRAIN LINES				
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project		
RUN:		Richmond VA Vinyl Site (Analysis)		
Terrain Line	Points			
Name	No.	Coordinates (ground)		
		X	Y	Z
		ft	ft	ft
Terrain Line2-EOP	3	11,781,333.0	3,737,330.8	216.00
	4	11,781,351.0	3,737,248.0	214.00
	5	11,781,375.0	3,737,158.8	212.00
	6	11,781,404.0	3,737,062.8	210.00
	7	11,781,439.0	3,736,957.2	208.00
	8	11,781,493.0	3,736,817.5	206.00
	9	11,781,587.0	3,736,609.8	204.00
	10	11,781,634.0	3,736,523.0	202.00
	11	11,781,685.0	3,736,435.8	202.00
	12	11,781,741.0	3,736,350.8	202.00
	13	11,781,800.0	3,736,268.0	202.00
	14	11,781,861.0	3,736,188.2	204.00
	15	11,781,944.0	3,736,085.2	206.00
	16	11,782,011.0	3,736,015.8	208.00
	17	11,782,078.0	3,735,949.2	210.00
	18	11,782,143.0	3,735,890.0	212.00
	19	11,782,209.0	3,735,830.8	214.00
	20	11,782,249.0	3,735,797.2	212.00
	21	11,782,284.0	3,735,767.2	214.00
	22	11,782,336.0	3,735,727.2	204.00
	23	11,782,408.0	3,735,673.0	202.00
	24	11,782,467.0	3,735,627.8	216.00
	25	11,782,508.0	3,735,597.0	218.00
	26	11,782,601.0	3,735,520.2	220.00

INPUT: TERRAIN LINES

Terrain Line5-204	53	11,781,568.0	3,737,382.2	204.00
	54	11,781,558.0	3,737,242.2	204.00
Terrain Line6-202	55	11,781,569.0	3,737,128.5	202.00
	56	11,781,567.0	3,737,185.0	202.00
	57	11,781,577.0	3,737,381.8	202.00
Terrain Line7-200	58	11,781,650.0	3,736,809.5	200.00
	59	11,781,641.0	3,736,864.2	200.00
	60	11,781,632.0	3,736,914.8	200.00
	61	11,781,612.0	3,736,944.0	200.00
	62	11,781,611.0	3,737,006.2	200.00
	63	11,781,623.0	3,737,043.0	200.00
	64	11,781,641.0	3,737,049.2	200.00
	65	11,781,642.0	3,737,092.8	200.00
	66	11,781,642.0	3,737,116.0	200.00
	67	11,781,608.0	3,737,111.5	200.00
	68	11,781,585.0	3,737,058.2	200.00
	69	11,781,582.0	3,737,121.2	200.00
	70	11,781,583.0	3,737,336.8	200.00
	71	11,781,590.0	3,737,347.0	200.00
	72	11,781,595.0	3,737,388.5	200.00
Terrain Line8-198	73	11,781,705.0	3,737,059.8	198.00
	74	11,781,714.0	3,737,037.0	198.00
	75	11,781,679.0	3,736,996.5	198.00
	76	11,781,691.0	3,736,943.5	198.00
	77	11,781,706.0	3,736,738.8	198.00
	78	11,781,855.0	3,736,723.5	198.00
	79	11,781,706.0	3,736,703.2	198.00
	80	11,781,669.0	3,736,790.5	198.00
	81	11,781,667.0	3,737,010.5	198.00
	82	11,781,685.0	3,737,075.0	198.00
Terrain Line9-200	83	11,782,347.0	3,736,519.0	200.00
	84	11,782,337.0	3,736,545.2	200.00
	85	11,782,357.0	3,736,625.8	200.00
	86	11,782,405.0	3,736,666.5	200.00
	87	11,782,113.0	3,736,683.8	200.00
	88	11,781,897.0	3,736,656.0	200.00

Vinyl Noise Wall Research Project

INPUT: TERRAIN LINES

	89	11,781,849.0	3,736,615.2	200.00
	90	11,781,938.0	3,736,482.0	200.00
	91	11,782,105.0	3,736,430.8	200.00
	92	11,782,341.0	3,736,457.0	200.00
Terrain Line10-198	93	11,781,897.0	3,736,378.8	198.00
	94	11,781,909.0	3,736,373.8	198.00
	95	11,781,913.0	3,736,356.5	198.00
	96	11,781,920.0	3,736,351.0	198.00
	97	11,781,960.0	3,736,387.2	198.00
	98	11,781,908.0	3,736,395.2	198.00
	99	11,781,888.0	3,736,391.2	198.00
Terrain Line11-198	100	11,782,078.0	3,736,179.2	198.00
	101	11,782,142.0	3,736,119.2	198.00
	102	11,782,069.0	3,736,239.0	198.00
	103	11,782,005.0	3,736,259.0	198.00
	104	11,782,018.0	3,736,239.0	198.00
Terrain Line12-198	105	11,782,572.0	3,735,720.2	198.00
	106	11,782,639.0	3,735,719.8	198.00
	107	11,782,702.0	3,735,715.8	198.00
	108	11,782,763.0	3,735,726.2	198.00
	109	11,782,698.0	3,735,753.8	198.00
	110	11,782,575.0	3,735,772.0	198.00
	111	11,782,577.0	3,735,870.2	198.00
	112	11,782,566.0	3,736,004.8	198.00
	113	11,782,540.0	3,736,016.5	198.00
	114	11,782,503.0	3,735,968.0	198.00
	115	11,782,477.0	3,735,991.5	198.00
	116	11,782,391.0	3,735,981.2	198.00
	117	11,782,392.0	3,736,019.0	198.00
	118	11,782,422.0	3,736,043.8	198.00
	119	11,782,531.0	3,736,057.0	198.00
	120	11,782,562.0	3,736,123.5	198.00
	121	11,782,560.0	3,736,278.8	198.00
	122	11,782,529.0	3,736,277.5	198.00
	123	11,782,529.0	3,736,202.2	198.00
	124	11,782,534.0	3,736,121.0	198.00

INPUT: TERRAIN LINES

Vinyl Noise Wall Research Project

	125	11,782,516.0	3,736,067.8	198.00
	126	11,782,376.0	3,736,081.5	198.00
	127	11,782,213.0	3,736,076.0	198.00
	128	11,782,193.0	3,736,054.5	198.00
	129	11,782,232.0	3,736,019.8	198.00
	130	11,782,266.0	3,736,005.5	198.00
	131	11,782,302.0	3,735,984.2	198.00
	132	11,782,349.0	3,736,014.2	198.00
	133	11,782,363.0	3,736,007.5	198.00
	134	11,782,369.0	3,735,982.0	198.00
	135	11,782,349.0	3,735,967.8	198.00
	136	11,782,339.0	3,735,955.0	198.00
	137	11,782,355.0	3,735,947.5	198.00
	138	11,782,365.0	3,735,944.8	198.00
	139	11,782,373.0	3,735,921.0	198.00
	140	11,782,398.0	3,735,910.8	198.00
	141	11,782,419.0	3,735,886.2	198.00
	142	11,782,452.0	3,735,877.0	198.00
	143	11,782,455.0	3,735,850.5	198.00
	144	11,782,474.0	3,735,853.5	198.00
	145	11,782,479.0	3,735,862.0	198.00
	146	11,782,509.0	3,735,866.5	198.00
	147	11,782,518.0	3,735,854.0	198.00
	148	11,782,509.0	3,735,819.5	198.00
	149	11,782,543.0	3,735,799.0	198.00
	150	11,782,552.0	3,735,785.5	198.00
	151	11,782,524.0	3,735,759.2	198.00
Terrain Line13-200	152	11,782,789.0	3,735,618.2	200.00
	153	11,782,758.0	3,735,623.0	200.00
	154	11,782,758.0	3,735,630.8	200.00
	155	11,782,769.0	3,735,654.2	200.00
	156	11,782,754.0	3,735,673.5	200.00
	157	11,782,737.0	3,735,646.2	200.00
	158	11,782,707.0	3,735,681.2	200.00
	159	11,782,654.0	3,735,710.8	200.00
	160	11,782,589.0	3,735,710.8	200.00

INPUT: TERRAIN LINES

Terrain Line14-214	161	11,782,647.0	3,735,658.2	214.00
	162	11,782,665.0	3,735,652.5	214.00
	163	11,782,681.0	3,735,639.5	214.00
	164	11,782,710.0	3,735,619.2	214.00
	165	11,782,746.0	3,735,592.8	214.00
Terrain Line15-200	166	11,782,507.0	3,735,769.8	200.00
	167	11,782,509.0	3,735,780.5	200.00
	168	11,782,509.0	3,735,804.5	200.00
	169	11,782,494.0	3,735,830.0	200.00
	170	11,782,482.0	3,735,840.5	200.00
	171	11,782,466.0	3,735,840.5	200.00
	172	11,782,454.0	3,735,847.0	200.00
	173	11,782,440.0	3,735,866.2	200.00
	174	11,782,409.0	3,735,881.2	200.00
	175	11,782,339.0	3,735,935.8	200.00
	176	11,782,225.0	3,736,012.8	200.00
	177	11,782,187.0	3,736,045.8	200.00
	178	11,782,085.0	3,736,137.5	200.00
Terrain Line16-202	179	11,782,500.0	3,735,773.0	202.00
	180	11,782,505.0	3,735,786.0	202.00
	181	11,782,500.0	3,735,803.0	202.00
	182	11,782,474.0	3,735,831.0	202.00
	183	11,782,456.0	3,735,839.2	202.00
	184	11,782,440.0	3,735,854.8	202.00
	185	11,782,400.0	3,735,877.8	202.00
	186	11,782,357.0	3,735,910.5	202.00
	187	11,782,292.0	3,735,954.2	202.00
	188	11,782,219.0	3,736,006.5	202.00
Terrain Line17-204	189	11,782,256.0	3,735,969.2	204.00
	190	11,782,314.0	3,735,929.0	204.00
	191	11,782,369.0	3,735,892.5	204.00
	192	11,782,414.0	3,735,866.2	204.00
	193	11,782,437.0	3,735,845.8	204.00
	194	11,782,465.0	3,735,831.0	204.00
	195	11,782,493.0	3,735,801.0	204.00
	196	11,782,500.0	3,735,786.5	204.00

INPUT: TERRAIN LINES

	197	11,782,496.0	3,735,778.2	204.00
Terrain Line18-206	198	11,782,492.0	3,735,779.2	206.00
	199	11,782,493.0	3,735,789.8	206.00
	200	11,782,488.0	3,735,797.5	206.00
	201	11,782,472.0	3,735,811.2	206.00
	202	11,782,463.0	3,735,821.5	206.00
	203	11,782,434.0	3,735,841.2	206.00
	204	11,782,411.0	3,735,862.2	206.00
	205	11,782,376.0	3,735,880.5	206.00
	206	11,782,301.0	3,735,931.2	206.00
Terrain Line19-208	207	11,782,373.0	3,735,873.2	208.00
	208	11,782,405.0	3,735,860.5	208.00
	209	11,782,415.0	3,735,849.5	208.00
	210	11,782,455.0	3,735,821.5	208.00
	211	11,782,466.0	3,735,803.8	208.00
	212	11,782,488.0	3,735,788.2	208.00
	213	11,782,487.0	3,735,783.2	208.00
Terrain Line20-210	214	11,782,450.0	3,735,814.0	210.00
	215	11,782,449.0	3,735,818.0	210.00
	216	11,782,421.0	3,735,837.8	210.00
	217	11,782,404.0	3,735,854.0	210.00
	218	11,782,391.0	3,735,858.5	210.00
Terrain Line3-EOP	47	11,781,555.0	3,737,416.5	212.00
	48	11,781,555.0	3,737,290.2	210.00
	49	11,781,558.0	3,737,215.8	208.00
	50	11,781,566.0	3,737,129.0	206.00
	51	11,781,595.0	3,736,975.2	204.00
	27	11,781,622.0	3,736,877.5	204.00
	28	11,781,650.0	3,736,797.5	204.00
	29	11,781,677.0	3,736,736.0	204.00
	30	11,781,706.0	3,736,677.0	202.00
	31	11,781,790.0	3,736,526.0	200.00
	32	11,781,842.0	3,736,442.8	200.00
	33	11,781,898.0	3,736,362.0	200.00
	34	11,781,957.0	3,736,283.5	202.00
	35	11,782,064.0	3,736,155.2	204.00

INPUT: TERRAIN LINES

	36	11,782,119.0	3,736,096.2	206.00
	37	11,782,173.0	3,736,042.8	208.00
	38	11,782,237.0	3,735,983.2	210.00
	39	11,782,301.0	3,735,927.2	212.00
	40	11,782,358.0	3,735,881.8	214.00
	41	11,782,379.0	3,735,864.0	212.00
	42	11,782,416.0	3,735,835.8	214.00
	43	11,782,480.0	3,735,784.8	200.00
	44	11,782,550.0	3,735,730.0	204.00
	45	11,782,615.0	3,735,680.0	218.00
	46	11,782,687.0	3,735,624.5	220.00

Vinyl Noise Wall Research Project

INPUT: TREE ZONES

Vinyl Noise Wall Research Project

Burton Planning Services				10 May 2022	
Kimberly Burton & Ruchi Agarwal				TNM 2.5	
INPUT: TREE ZONES					
PROJECT/CONTRACT:	Vinyl Noise Wall Research Project				
RUN:	Richmond VA Vinyl Site (Analysis)				
Tree Zone		Points			
Name	Average	No.	Coordinates (ground)		
	Height		X	Y	Z
	ft		ft	ft	ft
<< This table is empty >>					

INPUT: CONTOUR ZONES

Vinyl Noise Wall Research Project

Burton Planning Services				10 May 2022	
Kimberly Burton & Ruchi Agarwal				TNM 2.5	
INPUT: CONTOUR ZONES					
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project			
RUN:		Richmond VA Vinyl Site (Analysis)			
Contour Zone					
Name	Grid Height	Minimum Grid Spacing	Contour Tolerance	Points No.	Coordinates
					X Y
	ft	ft	dB		ft ft
<< This table is empty >>					

INPUT: RECEIVER ADJUSTMENT FACTORS

Vinyl Noise Wall Research Project

Burton Planning Services			10 May 2022		
Kimberly Burton & Ruchi Agarwal			TNM 2.5		
INPUT: RECEIVER ADJUSTMENT FACTORS					
PROJECT/CONTRACT:	Vinyl Noise Wall Research Project				
RUN:	Richmond VA Vinyl Site (Analysis)				
Receiver					
Name	No.	Individual Roadway Segment Adjustment Factors			
		Roadway	Segment		
		Name	Name	No.	Adj. Factor
					dB
<< This table is empty >>					

INPUT: "STRUCTURE" BARRIERS

Vinyl Noise Wall Research Project

Burton Planning Services			10 May 2022		
Kimberly Burton & Ruchi Agarwal			TNM 2.5		
INPUT: "STRUCTURE" BARRIERS					
PROJECT/CONTRACT:		Vinyl Noise Wall Research Project			
RUN:		Richmond VA Vinyl Site (Analysis)			
Barrier	Segments		Shielded Roadways		Segments
Name	Name	No.	Name	Name	No.
<< This table is empty >>					

INPUT: BARRIER NOISE REDUCTION COEFFICIENTS

Vinyl Noise Wall Research Project

Burton Planning Services					10 May 2022		
Kimberly Burton & Ruchi Agarwal					TNM 2.5		

INPUT: BARRIER NOISE REDUCTION COEFFICIENTS

PROJECT/CONTRACT: Vinyl Noise Wall Research Project

RUN: Richmond VA Vinyl Site (Analysis)

Barrier	Segments				Reflected Roadways	Segments	
Name	Name	No.	NRC		Name	Name	No.
			L Side	R Side			
VA Vinyl Wall	point1	1	0.0	0.0	---	---	0
	point2	2	0.0	0.0	---	---	0
	point3	3	0.0	0.0	---	---	0
	point4	4	0.0	0.0	---	---	0
	point5	5	0.0	0.0	---	---	0
	point6	6	0.0	0.0	---	---	0
	point7	7	0.0	0.0	---	---	0
	point8	8	0.0	0.0	---	---	0
	point9	9	0.0	0.0	---	---	0
	point10	10	0.0	0.0	---	---	0
	point11	11	0.0	0.0	---	---	0

RESULTS: BARRIER DESCRIPTIONS

Vinyl Noise Wall Research Project

Burton Planning Services				10 May 2022						
Kimberly Burton & Ruchi Agarwal				TNM 2.5						

RESULTS: BARRIER DESCRIPTIONS

PROJECT/CONTRACT:	Vinyl Noise Wall Research Project									
RUN:	Richmond VA Vinyl Site (Analysis)									
BARRIER DESIGN:	INPUT HEIGHTS									

Barriers										
Name	Type	Heights along Barrier			Length	If Wall Area	If Berm Volume	Top Width	Run:Rise	Cost
		Min	Avg	Max						
		ft	ft	ft	ft	sq ft	cu yd	ft	ft:ft	\$
VA Vinyl Wall	W	12.00	12.00	12.00	1106	13277				0
									Total Cost:	0

RESULTS: SOUND-LEVEL DIAGNOSIS BY BARRIER SEGMENT

Vinyl Noise Wall Research Project

Burton Planning Services				10 May 2022
Kimberly Burton & Ruchi Agarwal				TNM 2.5
				Calculated with TNM 2.5
RESULTS: SOUND-LEVEL DIAGNOSIS BY BARRIER SEGMENT				
PROJECT/CONTRACT:	Vinyl Noise Wall Research Project			
RUN:	Richmond VA Vinyl Site (Analysis)			
BARRIER DESIGN:	INPUT HEIGHTS			
ATMOSPHERICS:	68 deg F, 50% RH			

Selected Receivers						
Name	No.	Total	Important Barriers		Important Segments	
		LAeq1h	Name	Name	No.	Partial LAeq1h
		dBa				dBa
Vinyl-MeterA	1	82.10	VA Vinyl Wall	point6	6	58.10
			VA Vinyl Wall	point7	7	58.10
Vinyl-MeterB	2	65.70	VA Vinyl Wall	point5	5	63.90
			VA Vinyl Wall	point6	6	58.20
			VA Vinyl Wall	point4	4	51.70
			VA Vinyl Wall	point7	7	51.40
			VA Vinyl Wall	point11	11	49.70
			VA Vinyl Wall	point3	3	47.50
			VA Vinyl Wall	point8	8	47.00
			VA Vinyl Wall	point10	10	45.50
			VA Vinyl Wall	point2	2	45.00
			VA Vinyl Wall	point9	9	43.40
Vinyl-MeterC	3	66.90	VA Vinyl Wall	point5	5	62.40
			VA Vinyl Wall	point4	4	59.90
			VA Vinyl Wall	point6	6	59.40
			VA Vinyl Wall	point7	7	54.90
			VA Vinyl Wall	point3	3	54.70
			VA Vinyl Wall	point11	11	51.70
			VA Vinyl Wall	point8	8	51.30
			VA Vinyl Wall	point2	2	49.50

RESULTS: SOUND-LEVEL DIAGNOSIS BY BARRIER SEGMENT

Vinyl Noise Wall Research Project

			VA Vinyl Wall	point1	1	47.90
			VA Vinyl Wall	point10	10	47.00
Vinyl-MeterD	4	65.40	VA Vinyl Wall	point4	4	59.30
			VA Vinyl Wall	point5	5	57.70
			VA Vinyl Wall	point6	6	56.40
			VA Vinyl Wall	point3	3	56.20
			VA Vinyl Wall	point7	7	53.60
			VA Vinyl Wall	point2	2	51.60
			VA Vinyl Wall	point11	11	51.10
			VA Vinyl Wall	point8	8	51.00
			VA Vinyl Wall	point1	1	50.20
			VA Vinyl Wall	point10	10	46.70
Vinyl-MeterE	5	64.10	VA Vinyl Wall	point3	3	55.70
			VA Vinyl Wall	point4	4	55.70
			VA Vinyl Wall	point5	5	52.70
			VA Vinyl Wall	point6	6	52.50
			VA Vinyl Wall	point2	2	52.30
			VA Vinyl Wall	point1	1	51.80
			VA Vinyl Wall	point7	7	50.80
			VA Vinyl Wall	point11	11	50.60
			VA Vinyl Wall	point8	8	49.50
			VA Vinyl Wall	point10	10	45.30

RESULTS: SOUND-LEVEL DIAGNOSIS BY VEHICLE TYPE

Burton Planning Services			10 May 2022
Kimberly Burton & Ruchi Agarwal			TNM 2.5
			Calculated with TNM 2.5

RESULTS: SOUND-LEVEL DIAGNOSIS BY VEHICLE TYPE

PROJECT/CONTRACT:	Vinyl Noise Wall Research Project
RUN:	Richmond VA Vinyl Site (Analysis)
BARRIER DESIGN:	INPUT HEIGHTS
ATMOSPHERICS:	68 deg F, 50% RH

Receivers				
Name	No.	Total	Vehicle Type	Partial LAeq1h
		LAeq1h	Name	
		dBA		dBA
Vinyl-MeterA	1	82.1	Autos	79.5
			MTrucks	71.1
			HTrucks	77.7
			Buses	
			Motorcycles	
Vinyl-MeterB	2	65.7	Autos	62.5
			MTrucks	55.0
			HTrucks	62.2
			Buses	
			Motorcycles	
Vinyl-MeterC	3	66.9	Autos	63.4
			MTrucks	55.7
			HTrucks	63.8
			Buses	
			Motorcycles	
Vinyl-MeterD	4	65.4	Autos	61.7
			MTrucks	53.6
			HTrucks	62.4
			Buses	
			Motorcycles	

RESULTS: SOUND-LEVEL DIAGNOSIS BY VEHICLE TYPE

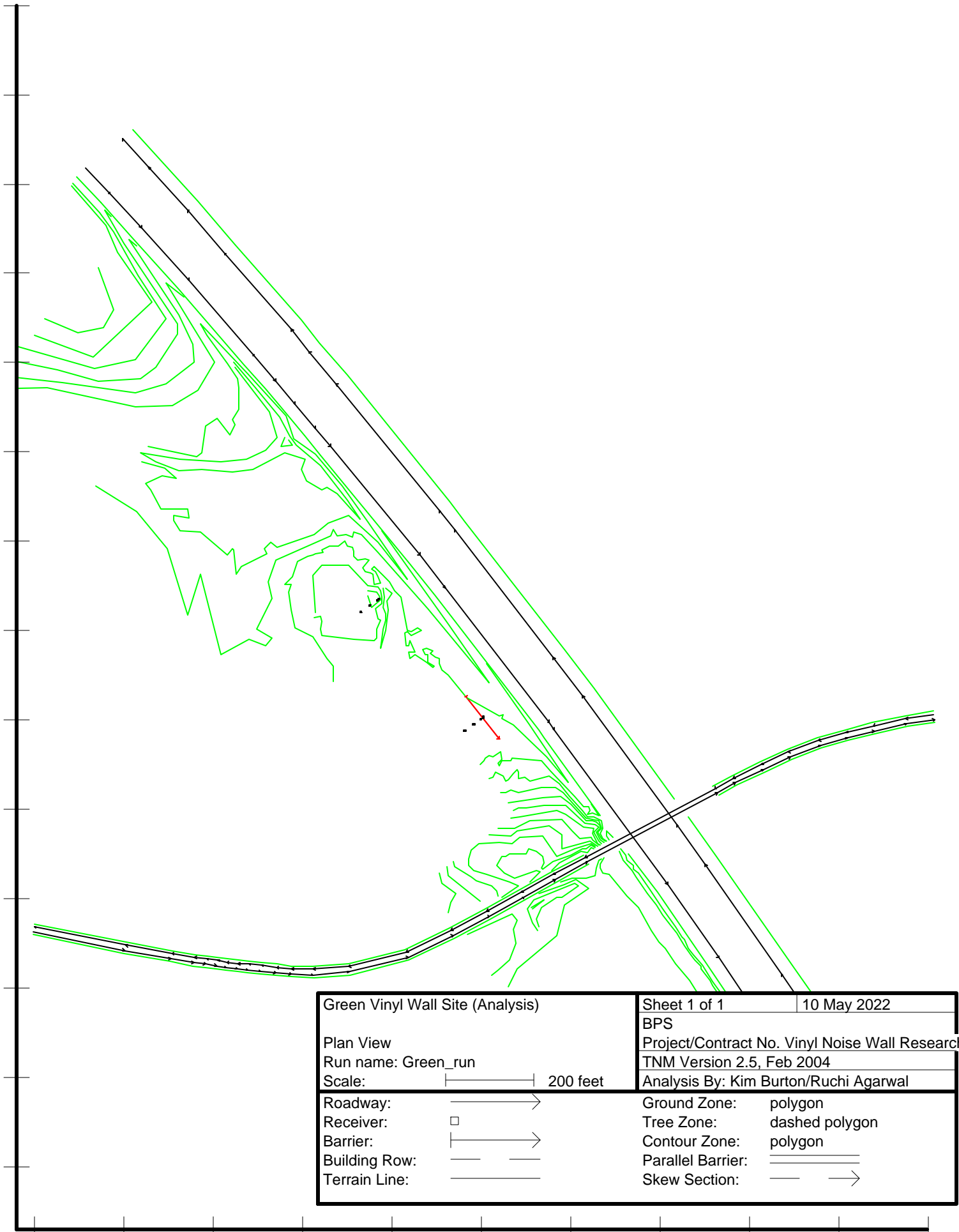
Vinyl-MeterE	5	64.1	Autos	60.0
			MTrucks	51.8
			HTrucks	61.5
			Buses	
			Motorcycles	

Vinyl Noise Wall Research Project

RESULTS: BARRIER DESIGN

Vinyl Noise Wall Research Project

						VA Vinyl Wall	point10	10	12.0	47.0
Vinyl-MeterD	4	65.4	10.4	8	2.4	VA Vinyl Wall	point4	4	12.0	59.3
						VA Vinyl Wall	point5	5	12.0	57.7
						VA Vinyl Wall	point6	6	12.0	56.4
						VA Vinyl Wall	point3	3	12.0	56.2
						VA Vinyl Wall	point7	7	12.0	53.6
						VA Vinyl Wall	point2	2	12.0	51.6
						VA Vinyl Wall	point11	11	12.0	51.1
						VA Vinyl Wall	point8	8	12.0	51.0
						VA Vinyl Wall	point1	1	12.0	50.2
						VA Vinyl Wall	point10	10	12.0	46.7
Vinyl-MeterE	5	64.1	6.6	8	-1.4	VA Vinyl Wall	point3	3	12.0	55.7
						VA Vinyl Wall	point4	4	12.0	55.7
						VA Vinyl Wall	point5	5	12.0	52.7
						VA Vinyl Wall	point6	6	12.0	52.5
						VA Vinyl Wall	point2	2	12.0	52.3
						VA Vinyl Wall	point1	1	12.0	51.8
						VA Vinyl Wall	point7	7	12.0	50.8
						VA Vinyl Wall	point11	11	12.0	50.6
						VA Vinyl Wall	point8	8	12.0	49.5
						VA Vinyl Wall	point10	10	12.0	45.3
Total Cost, All Barriers (including additional cost(s))					\$0					



RESULTS: SOUND LEVELS

Vinyl Noise Wall Research

BPS													2 March 2022	
Kim Burton/Ruchi Agarwal													TNM 2.5	
													Calculated with TNM 2.5	
RESULTS: SOUND LEVELS														
PROJECT/CONTRACT:			Vinyl Noise Wall Research											
RUN:			Green Vinyl Wall Site (Analysis)											
BARRIER DESIGN:			7ft Wall						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier					
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal	
								Sub'l Inc			Calculated	Goal	Calculated minus Goal	
				dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
NoWall-Meter A		6	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
Vinyl-Meter B		3	1	0.0	76.0	66	76.0	10	Snd Lvl	64.1	11.9	8	3.9	
Vinyl-Meter B'		4	1	0.0	74.6	66	74.6	10	Snd Lvl	68.2	6.4	8	-1.6	
Vinyl-Meter C		5	1	0.0	72.8	66	72.8	10	Snd Lvl	69.1	3.7	8	-4.3	
NoWall-Meter B		7	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
NoWall-Meter B'		8	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
NoWall-Meter C		9	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
Vinyl-Meter A		2	1	0.0	77.0	66	77.0	10	Snd Lvl	77.0	0.0	8	-8.0	
Dwelling Units			# DUs	Noise Reduction										
				Min	Avg	Max								
				dB	dB	dB								
All Selected			8	0.0	2.8	11.9								
All Impacted			4	0.0	5.5	11.9								
All that meet NR Goal			1	11.9	11.9	11.9								

RESULTS: SOUND LEVELS

Vinyl Noise Wall Research

BPS													2 March 2022	
Kim Burton/Ruchi Agarwal													TNM 2.5	
													Calculated with TNM 2.5	
RESULTS: SOUND LEVELS														
PROJECT/CONTRACT:			Vinyl Noise Wall Research											
RUN:			Green Vinyl Wall Site (Analysis)											
BARRIER DESIGN:			No Wall						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier					
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal	
								Sub'l Inc			Calculated	Goal	Calculated minus Goal	
				dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
NoWall-Meter A		6	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
Vinyl-Meter B		3	1	0.0	76.0	66	76.0	10	Snd Lvl	76.0	0.0	8	-8.0	
Vinyl-Meter B'		4	1	0.0	74.6	66	74.6	10	Snd Lvl	74.6	0.0	8	-8.0	
Vinyl-Meter C		5	1	0.0	72.8	66	72.8	10	Snd Lvl	72.8	0.0	8	-8.0	
NoWall-Meter B		7	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
NoWall-Meter B'		8	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
NoWall-Meter C		9	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
Vinyl-Meter A		2	1	0.0	77.0	66	77.0	10	Snd Lvl	77.0	0.0	8	-8.0	
Dwelling Units			# DUs	Noise Reduction										
				Min	Avg	Max								
				dB	dB	dB								
All Selected			8	0.0	0.0	0.0								
All Impacted			4	0.0	0.0	0.0								
All that meet NR Goal			0	0.0	0.0	0.0								

INPUT: ROADWAYS

Vinyl Noise Wall Research

		point23	23	2,256,461.5	471,771.0	1,162.00				Average	
		point22	22	2,256,517.5	471,698.4	1,162.00				Average	
		point21	21	2,256,750.2	471,396.6	1,164.00				Average	
		point20	20	2,256,762.0	471,380.2	1,164.00				Average	
		point19	19	2,257,015.2	471,033.9	1,164.00				Average	
		point18	18	2,257,129.5	470,870.3	1,166.00				Average	
		point17	17	2,257,383.5	470,492.5	1,164.00					
Graybill Rd EB 1-lane	12.0	point33	33	2,257,610.8	471,415.6	1,170.00				Average	
		point34	34	2,257,548.2	471,405.4	1,172.00				Average	
		point35	35	2,257,474.2	471,389.8	1,174.00				Average	
		point36	36	2,257,413.8	471,374.8	1,176.00				Average	
		point37	37	2,257,353.0	471,356.8	1,178.00				Average	
		point38	38	2,257,285.5	471,330.7	1,180.00				Average	
		point39	39	2,257,223.5	471,302.7	1,182.00				Average	
		point40	40	2,257,161.8	471,272.5	1,184.00				Average	
		point41	41	2,257,120.0	471,249.9	1,186.00				Average	Y
		point42	42	2,256,831.0	471,095.4	1,186.00				Average	
		point43	43	2,256,758.2	471,056.1	1,184.00				Average	
		point44	44	2,256,688.0	471,016.8	1,182.00				Average	
		point45	45	2,256,611.0	470,974.8	1,180.00				Average	
		point46	46	2,256,529.8	470,932.0	1,178.00				Average	
		point47	47	2,256,430.2	470,883.5	1,176.00				Average	
		point48	48	2,256,301.5	470,850.7	1,178.00				Average	
		point49	49	2,256,222.2	470,844.8	1,180.00				Average	
		point50	50	2,256,173.5	470,845.7	1,182.00				Average	
		point51	51	2,256,140.0	470,849.8	1,184.00				Average	
		point52	52	2,256,105.8	470,853.4	1,186.00				Average	
		point53	53	2,256,077.8	470,856.1	1,188.00				Average	
		point54	54	2,256,053.8	470,858.4	1,190.00				Average	
		point55	55	2,256,029.2	470,861.6	1,192.00				Average	
		point56	56	2,256,007.5	470,864.8	1,194.00				Average	
		point57	57	2,255,982.8	470,867.9	1,196.00				Average	
		point58	58	2,255,956.5	470,871.1	1,198.00				Average	
		point59	59	2,255,905.8	470,880.7	1,200.00				Average	
		point60	60	2,255,802.2	470,898.8	1,202.00				Average	
		point61	61	2,255,597.8	470,939.7	1,204.00					
Graybill Rd WB 1-lane	12.0	point90	90	2,255,595.5	470,927.9	1,204.00				Average	
		point89	89	2,255,800.0	470,887.1	1,202.00				Average	
		point88	88	2,255,903.5	470,868.8	1,200.00				Average	

INPUT: ROADWAYS

Vinyl Noise Wall Research

		point87	87	2,255,954.8	470,859.2	1,198.00				Average	
		point86	86	2,255,981.2	470,856.0	1,196.00				Average	
		point85	85	2,256,005.8	470,852.9	1,194.00				Average	
		point84	84	2,256,027.8	470,849.7	1,192.00				Average	
		point83	83	2,256,052.5	470,846.5	1,190.00				Average	
		point82	82	2,256,076.8	470,844.2	1,188.00				Average	
		point81	81	2,256,104.5	470,841.5	1,186.00				Average	
		point80	80	2,256,138.5	470,837.8	1,184.00				Average	
		point79	79	2,256,172.5	470,833.7	1,182.00				Average	
		point78	78	2,256,222.5	470,832.8	1,180.00				Average	
		point77	77	2,256,303.5	470,838.8	1,178.00				Average	
		point76	76	2,256,434.2	470,872.2	1,176.00				Average	
		point75	75	2,256,535.2	470,921.2	1,178.00				Average	
		point74	74	2,256,616.5	470,964.3	1,180.00				Average	
		point73	73	2,256,693.8	471,006.3	1,182.00				Average	
		point72	72	2,256,764.0	471,045.6	1,184.00				Average	
		point71	71	2,256,836.8	471,084.8	1,186.00				Average	Y
		point70	70	2,257,125.5	471,239.3	1,186.00				Average	
		point69	69	2,257,167.2	471,261.8	1,184.00				Average	
		point68	68	2,257,228.8	471,291.9	1,182.00				Average	
		point67	67	2,257,290.2	471,319.6	1,180.00				Average	
		point66	66	2,257,357.0	471,345.5	1,178.00				Average	
		point65	65	2,257,417.0	471,363.2	1,176.00				Average	
		point64	64	2,257,477.0	471,378.1	1,174.00				Average	
		point63	63	2,257,550.2	471,393.7	1,172.00				Average	
		point62	62	2,257,612.8	471,403.7	1,170.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research

BPS		10 May 2022										
Kim Burton/Ruchi Agarwal		TNM 2.5										
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:		Vinyl Noise Wall Research										
RUN:		Green Vinyl Wall Site (Analysis)										
Roadway	Points											
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
			Autos		V	S	V	S	V	S	V	S
			V	S	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
I-77 NB 3-lane	point16	16	2224	70	106	70	224	70	0	0	0	0
	point15	15	2224	70	106	70	224	70	0	0	0	0
	point14	14	2224	70	106	70	224	70	0	0	0	0
	point13	13	2224	70	106	70	224	70	0	0	0	0
	point12	12	2224	70	106	70	224	70	0	0	0	0
	point11	11	2224	70	106	70	224	70	0	0	0	0
	point10	10	2224	70	106	70	224	70	0	0	0	0
	point9	9	2224	70	106	70	224	70	0	0	0	0
	point8	8	2224	70	106	70	224	70	0	0	0	0
	point7	7	2224	70	106	70	224	70	0	0	0	0
	point6	6	2224	70	106	70	224	70	0	0	0	0
	point5	5	2224	70	106	70	224	70	0	0	0	0
	point4	4	2224	70	106	70	224	70	0	0	0	0
	point3	3	2224	70	106	70	224	70	0	0	0	0
	point2	2	2224	70	106	70	224	70	0	0	0	0
	point1	1										
I-77 SB 3-lane	point32	32	2224	70	106	70	224	70	0	0	0	0
	point31	31	2224	70	106	70	224	70	0	0	0	0
	point30	30	2224	70	106	70	224	70	0	0	0	0
	point29	29	2224	70	106	70	224	70	0	0	0	0
	point28	28	2224	70	106	70	224	70	0	0	0	0
	point27	27	2224	70	106	70	224	70	0	0	0	0
	point26	26	2224	70	106	70	224	70	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research

	point25	25	2224	70	106	70	224	70	0	0	0	0
	point24	24	2224	70	106	70	224	70	0	0	0	0
	point23	23	2224	70	106	70	224	70	0	0	0	0
	point22	22	2224	70	106	70	224	70	0	0	0	0
	point21	21	2224	70	106	70	224	70	0	0	0	0
	point20	20	2224	70	106	70	224	70	0	0	0	0
	point19	19	2224	70	106	70	224	70	0	0	0	0
	point18	18	2224	70	106	70	224	70	0	0	0	0
	point17	17										
Graybill Rd EB 1-lane	point33	33	327	35	6	35	3	35	0	0	0	0
	point34	34	327	35	6	35	3	35	0	0	0	0
	point35	35	327	35	6	35	3	35	0	0	0	0
	point36	36	327	35	6	35	3	35	0	0	0	0
	point37	37	327	35	6	35	3	35	0	0	0	0
	point38	38	327	35	6	35	3	35	0	0	0	0
	point39	39	327	35	6	35	3	35	0	0	0	0
	point40	40	327	35	6	35	3	35	0	0	0	0
	point41	41	327	35	6	35	3	35	0	0	0	0
	point42	42	327	35	6	35	3	35	0	0	0	0
	point43	43	327	35	6	35	3	35	0	0	0	0
	point44	44	327	35	6	35	3	35	0	0	0	0
	point45	45	327	35	6	35	3	35	0	0	0	0
	point46	46	327	35	6	35	3	35	0	0	0	0
	point47	47	327	35	6	35	3	35	0	0	0	0
	point48	48	327	35	6	35	3	35	0	0	0	0
	point49	49	327	35	6	35	3	35	0	0	0	0
	point50	50	327	35	6	35	3	35	0	0	0	0
	point51	51	327	35	6	35	3	35	0	0	0	0
	point52	52	327	35	6	35	3	35	0	0	0	0
	point53	53	327	35	6	35	3	35	0	0	0	0
	point54	54	327	35	6	35	3	35	0	0	0	0
	point55	55	327	35	6	35	3	35	0	0	0	0
	point56	56	327	35	6	35	3	35	0	0	0	0
	point57	57	327	35	6	35	3	35	0	0	0	0
	point58	58	327	35	6	35	3	35	0	0	0	0
	point59	59	327	35	6	35	3	35	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research

	point60	60	327	35	6	35	3	35	0	0	0	0
	point61	61										
Graybill Rd WB 1-lane	point90	90	327	35	6	35	3	35	0	0	0	0
	point89	89	327	35	6	35	3	35	0	0	0	0
	point88	88	327	35	6	35	3	35	0	0	0	0
	point87	87	327	35	6	35	3	35	0	0	0	0
	point86	86	327	35	6	35	3	35	0	0	0	0
	point85	85	327	35	6	35	3	35	0	0	0	0
	point84	84	327	35	6	35	3	35	0	0	0	0
	point83	83	327	35	6	35	3	35	0	0	0	0
	point82	82	327	35	6	35	3	35	0	0	0	0
	point81	81	327	35	6	35	3	35	0	0	0	0
	point80	80	327	35	6	35	3	35	0	0	0	0
	point79	79	327	35	6	35	3	35	0	0	0	0
	point78	78	327	35	6	35	3	35	0	0	0	0
	point77	77	327	35	6	35	3	35	0	0	0	0
	point76	76	327	35	6	35	3	35	0	0	0	0
	point75	75	327	35	6	35	3	35	0	0	0	0
	point74	74	327	35	6	35	3	35	0	0	0	0
	point73	73	327	35	6	35	3	35	0	0	0	0
	point72	72	327	35	6	35	3	35	0	0	0	0
	point71	71	327	35	6	35	3	35	0	0	0	0
	point70	70	327	35	6	35	3	35	0	0	0	0
	point69	69	327	35	6	35	3	35	0	0	0	0
	point68	68	327	35	6	35	3	35	0	0	0	0
	point67	67	327	35	6	35	3	35	0	0	0	0
	point66	66	327	35	6	35	3	35	0	0	0	0
	point65	65	327	35	6	35	3	35	0	0	0	0
	point64	64	327	35	6	35	3	35	0	0	0	0
	point63	63	327	35	6	35	3	35	0	0	0	0
	point62	62										

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research

BPS		10 May 2022												
Kim Burton/Ruchi Agarwal		TNM 2.5												
INPUT: TRAFFIC FOR LAeq1h Volumes														
PROJECT/CONTRACT:		Vinyl Noise Wall Research												
RUN:		Green Vinyl Wall Site (Analysis)												
Roadway	Points													
Name	Name	No.	Segment		User 1		User 2		User 3		User 4		<unknown>	
			V	S	V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
I-77 NB 3-lane	point16	16												
	point15	15												
	point14	14												
	point13	13												
	point12	12												
	point11	11												
	point10	10												
	point9	9												
	point8	8												
	point7	7												
	point6	6												
	point5	5												
	point4	4												
	point3	3												
	point2	2												
	point1	1												
I-77 SB 3-lane	point32	32												
	point31	31												
	point30	30												
	point29	29												
	point28	28												
	point27	27												
	point26	26												

INPUT: TRAFFIC FOR LAeq1h Volumes

Vinyl Noise Wall Research

	point25	25											
	point24	24											
	point23	23											
	point22	22											
	point21	21											
	point20	20											
	point19	19											
	point18	18											
	point17	17											
Graybill Rd EB 1-lane	point33	33											
	point34	34											
	point35	35											
	point36	36											
	point37	37											
	point38	38											
	point39	39											
	point40	40											
	point41	41											
	point42	42											
	point43	43											
	point44	44											
	point45	45											
	point46	46											
	point47	47											
	point48	48											
	point49	49											
	point50	50											
	point51	51											
	point52	52											
	point53	53											
	point54	54											
	point55	55											
	point56	56											
	point57	57											
	point58	58											
	point59	59											

INPUT: RECEIVERS

Vinyl Noise Wall Research

BPS							10 May 2022					
Kim Burton/Ruchi Agarwal							TNM 2.5					
INPUT: RECEIVERS												
PROJECT/CONTRACT:		Vinyl Noise Wall Research										
RUN:		Green Vinyl Wall Site (Analysis)										
Receiver												
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.	
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal		
			ft	ft	ft	ft	dBA	dBA	dB	dB		
Vinyl-Meter A	2	1	2,256,602.0	471,408.3	1,164.00	12.00	0.00	66	10.0	8.0	Y	
Vinyl-Meter B	3	1	2,256,597.5	471,404.5	1,164.00	4.00	0.00	66	10.0	8.0	Y	
Vinyl-Meter B'	4	1	2,256,581.2	471,392.8	1,164.00	4.00	0.00	66	10.0	8.0	Y	
Vinyl-Meter C	5	1	2,256,560.8	471,378.4	1,164.00	4.00	0.00	66	10.0	8.0	Y	
NoWall-Meter A	6	1	2,256,369.0	471,673.8	1,166.00	12.00	0.00	66	10.0	8.0		
NoWall-Meter B	7	1	2,256,365.0	471,670.8	1,166.00	4.00	0.00	66	10.0	8.0		
NoWall-Meter B'	8	1	2,256,348.8	471,659.1	1,166.00	4.00	0.00	66	10.0	8.0		
NoWall-Meter C	9	1	2,256,328.5	471,644.3	1,166.00	4.00	0.00	66	10.0	8.0		

INPUT: BARRIERS

Vinyl Noise Wall Research

BPS	10 May 2022
Kim Burton/Ruchi Agarwal	TNM 2.5

INPUT: BARRIERS

PROJECT/CONTRACT: Vinyl Noise Wall Research
 RUN: Green Vinyl Wall Site (Analysis)

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	\$ per	\$ per	Top	Run:Rise	\$ per			X	Y	Z	at	Seg	Ht	Perturbs	On	Important
				Unit	Unit	Width		Unit						Point	Incre-	#Up	#Dn	Struct?	Reflec-
		ft	ft	Area	Vol.		ft:ft	Length			ft	ft	ft	ft	ment				tions?
				\$/sq ft	\$/cu yd			\$/ft											
Existing Vinyl Wall	W	6.00	12.00	0.00				0.00	point1	1	2,256,564.5	471,455.5	1,164.00	7.00	1.00	5	1		
									point2	2	2,256,638.5	471,359.5	1,164.00	7.00					

INPUT: BUILDING ROWS

Vinyl Noise Wall Research

BPS			10 May 2022			
Kim Burton/Ruchi Agarwal			TNM 2.5			
INPUT: BUILDING ROWS						
PROJECT/CONTRACT:			Vinyl Noise Wall Research			
RUN:			Green Vinyl Wall Site (Analysis			
Building Row			Points			
Name	Average Height	Building Percent	No.	Coordinates (ground)		
	ft	%		X	Y	Z
				ft	ft	ft
<< This table is empty >>						

INPUT: TERRAIN LINES

Vinyl Noise Wall Research

BPS			10 May 2022	
Kim Burton/Ruchi Agarwal			TNM 2.5	
INPUT: TERRAIN LINES				
PROJECT/CONTRACT:	Vinyl Noise Wall Research			
RUN:	Green Vinyl Wall Site (Analysis)			
Terrain Line	Points			
Name	No.	Coordinates (ground)		
		X	Y	Z
		ft	ft	ft
Terrain Line1-EOP	1	2,257,613.8	471,397.4	1,170.00
	2	2,257,551.5	471,387.3	1,172.00
	3	2,257,478.5	471,371.8	1,174.00
	4	2,257,418.5	471,357.0	1,176.00
	5	2,257,359.0	471,339.4	1,178.00
	6	2,257,292.8	471,313.7	1,180.00
	7	2,257,231.5	471,286.1	1,182.00
	8	2,257,170.2	471,256.1	1,184.00
	9	2,257,128.8	471,233.7	1,186.00
Terrain Line2-EOP	30	2,257,609.8	471,422.0	1,170.00
	31	2,257,547.0	471,411.9	1,172.00
	32	2,257,473.0	471,396.2	1,174.00
	33	2,257,412.0	471,381.1	1,176.00
	34	2,257,351.0	471,363.1	1,178.00
	35	2,257,283.0	471,336.8	1,180.00
	36	2,257,220.8	471,308.7	1,182.00
	37	2,257,158.8	471,278.3	1,184.00
	38	2,257,116.8	471,255.7	1,186.00
Terrain Line3-EOP	59	2,257,359.2	470,476.2	1,164.00
	60	2,257,105.5	470,853.8	1,166.00
	61	2,256,991.5	471,016.9	1,164.00
	652	2,256,928.2	471,103.4	1,164.00
Terrain Line4-EOP	75	2,255,817.2	472,724.1	1,168.00
	76	2,255,876.0	472,661.0	1,166.00

INPUT: TERRAIN LINES**Vinyl Noise Wall Research**

	77	2,255,963.0	472,564.2	1,164.00
	78	2,256,046.8	472,467.2	1,162.00
	79	2,256,196.0	472,296.1	1,160.00
	80	2,256,236.0	472,246.7	1,160.00
	81	2,256,297.8	472,174.7	1,162.00
	82	2,256,527.0	471,890.9	1,162.00
	83	2,256,561.5	471,847.1	1,164.00
	84	2,256,782.8	471,560.7	1,164.00
	85	2,256,848.8	471,475.3	1,164.00
	86	2,257,030.8	471,225.2	1,166.00
Terrain Line5-1170	91	2,255,740.0	472,414.8	1,170.00
	92	2,255,776.0	472,320.9	1,170.00
	93	2,255,752.0	472,280.4	1,170.00
	94	2,255,696.8	472,268.4	1,170.00
	95	2,255,621.2	472,299.7	1,170.00
Terrain Line6-1168	96	2,255,681.8	472,597.7	1,168.00
	97	2,255,758.5	472,507.5	1,168.00
	98	2,255,784.2	472,447.5	1,168.00
	99	2,255,861.2	472,338.7	1,168.00
	100	2,255,730.5	472,215.4	1,168.00
	101	2,255,598.2	472,263.2	1,168.00
Terrain Line7-1166	102	2,255,554.0	472,238.9	1,166.00
	103	2,255,734.0	472,188.4	1,166.00
	104	2,255,823.8	472,207.7	1,166.00
	105	2,255,893.5	472,301.3	1,166.00
	106	2,255,828.8	472,398.7	1,166.00
	107	2,255,774.2	472,493.5	1,166.00
	108	2,255,743.5	472,537.2	1,166.00
	109	2,255,684.5	472,601.9	1,166.00
Terrain Line8-1164	110	2,255,524.8	472,212.0	1,164.00
	111	2,255,649.0	472,186.6	1,164.00
	112	2,255,740.5	472,160.7	1,164.00
	113	2,255,834.2	472,166.3	1,164.00
	114	2,255,870.2	472,191.7	1,164.00
	115	2,255,917.2	472,266.2	1,164.00
	116	2,255,917.8	472,288.2	1,164.00

INPUT: TERRAIN LINES**Vinyl Noise Wall Research**

	117	2,255,873.8	472,356.8	1,164.00
	118	2,255,798.5	472,469.0	1,164.00
	119	2,255,754.5	472,541.8	1,164.00
	120	2,255,770.5	472,527.7	1,164.00
Terrain Line9-1162	121	2,255,507.8	472,174.9	1,162.00
	122	2,255,659.8	472,157.0	1,162.00
	123	2,255,822.8	472,135.5	1,162.00
	124	2,255,892.8	472,154.3	1,162.00
	125	2,255,956.2	472,204.4	1,162.00
	126	2,255,952.8	472,242.9	1,162.00
	127	2,255,920.5	472,310.0	1,162.00
	128	2,255,808.5	472,476.4	1,162.00
	129	2,255,827.2	472,463.0	1,162.00
Terrain Line10-1160	130	2,255,491.5	472,143.6	1,160.00
	131	2,255,627.8	472,145.3	1,160.00
	132	2,255,718.0	472,126.6	1,160.00
	133	2,255,822.8	472,103.3	1,160.00
	134	2,255,907.0	472,106.9	1,160.00
	135	2,255,965.2	472,140.0	1,160.00
	136	2,256,002.0	472,204.4	1,160.00
	137	2,255,891.8	472,381.6	1,160.00
	138	2,255,931.2	472,348.5	1,160.00
Terrain Line11-1158	139	2,255,838.8	471,979.2	1,158.00
	140	2,255,888.5	471,965.9	1,158.00
	141	2,255,915.5	471,944.1	1,158.00
	142	2,255,885.0	471,949.3	1,158.00
	143	2,255,847.5	471,932.8	1,158.00
	144	2,255,857.2	471,917.2	1,158.00
	145	2,255,880.8	471,873.7	1,158.00
	146	2,255,940.8	471,875.4	1,158.00
	147	2,255,943.5	471,854.5	1,158.00
	148	2,255,910.2	471,861.5	1,158.00
	149	2,255,908.5	471,850.2	1,158.00
	150	2,255,925.2	471,824.9	1,158.00
	151	2,255,969.5	471,823.2	1,158.00
	152	2,256,030.5	471,772.7	1,158.00

INPUT: TERRAIN LINES**Vinyl Noise Wall Research**

	153	2,256,041.0	471,784.9	1,158.00
	154	2,256,045.2	471,783.2	1,158.00
	155	2,256,049.8	471,727.5	1,158.00
	156	2,256,061.0	471,746.6	1,158.00
	157	2,256,117.5	471,775.3	1,158.00
	158	2,256,111.5	471,786.6	1,158.00
	159	2,256,125.5	471,801.4	1,158.00
	160	2,256,140.2	471,790.1	1,158.00
	161	2,256,224.8	471,817.1	1,158.00
	162	2,256,254.2	471,843.2	1,158.00
	163	2,256,300.5	471,860.6	1,158.00
	164	2,256,366.8	471,799.7	1,158.00
	165	2,256,432.8	471,716.2	1,158.00
	166	2,256,345.0	471,845.2	1,158.00
	167	2,256,287.5	471,926.1	1,158.00
	168	2,256,227.2	471,998.3	1,158.00
	169	2,256,179.5	472,032.3	1,158.00
	170	2,256,160.2	472,083.1	1,158.00
	171	2,256,072.2	472,180.5	1,158.00
	172	2,255,970.2	472,290.2	1,158.00
	173	2,255,985.0	472,262.1	1,158.00
	174	2,256,029.5	472,199.5	1,158.00
	175	2,256,052.2	472,166.4	1,158.00
	176	2,256,055.8	472,146.4	1,158.00
	177	2,256,055.8	472,097.7	1,158.00
	178	2,256,041.8	472,074.2	1,158.00
	179	2,256,046.0	472,062.9	1,158.00
	180	2,256,035.5	472,040.2	1,158.00
	181	2,256,007.8	472,077.7	1,158.00
	182	2,255,980.0	472,059.4	1,158.00
	183	2,255,971.2	472,000.2	1,158.00
	184	2,255,960.8	471,991.5	1,158.00
	185	2,255,852.8	472,015.0	1,158.00
Terrain Line12-1156	186	2,256,047.2	472,192.4	1,156.00
	187	2,256,122.8	472,090.3	1,156.00
	188	2,256,142.2	472,034.5	1,156.00

INPUT: TERRAIN LINES**Vinyl Noise Wall Research**

	189	2,256,116.5	472,006.9	1,156.00
	190	2,256,073.8	471,984.8	1,156.00
	191	2,256,016.0	471,979.4	1,156.00
	192	2,255,923.8	471,986.5	1,156.00
	193	2,255,836.8	471,999.8	1,156.00
	194	2,255,868.8	471,979.4	1,156.00
	195	2,255,921.0	471,960.8	1,156.00
	196	2,255,972.5	471,963.5	1,156.00
	197	2,256,040.0	471,957.2	1,156.00
	198	2,256,086.2	471,961.7	1,156.00
	199	2,256,157.2	471,999.8	1,156.00
	200	2,256,204.2	471,985.7	1,156.00
	201	2,256,194.5	471,964.3	1,156.00
	202	2,256,208.0	471,938.6	1,156.00
	203	2,256,242.5	471,918.2	1,156.00
	204	2,256,251.5	471,924.4	1,156.00
	205	2,256,276.2	471,909.3	1,156.00
	206	2,256,326.0	471,850.8	1,156.00
	207	2,256,298.5	471,894.2	1,156.00
	208	2,256,238.0	471,970.6	1,156.00
	209	2,256,184.0	472,018.5	1,156.00
	210	2,256,169.8	472,036.2	1,156.00
	211	2,256,146.5	472,081.5	1,156.00
	212	2,256,091.5	472,144.5	1,156.00
	213	2,256,042.8	472,203.9	1,156.00
Terrain Line13-1154	214	2,256,168.0	472,030.0	1,154.00
	215	2,256,175.0	472,018.5	1,154.00
	216	2,256,151.0	472,013.2	1,154.00
	217	2,256,158.2	472,033.6	1,154.00
Terrain Line14-1160	218	2,255,736.0	471,925.5	1,160.00
	219	2,255,825.8	471,869.3	1,160.00
	220	2,255,895.8	471,785.4	1,160.00
	221	2,255,940.8	471,637.1	1,160.00
	222	2,255,968.8	471,728.0	1,160.00
	223	2,256,016.2	471,549.3	1,160.00
	224	2,256,078.0	471,582.2	1,160.00

INPUT: TERRAIN LINES**Vinyl Noise Wall Research**

	225	2,256,114.2	471,570.1	1,160.00
	226	2,256,129.5	471,586.5	1,160.00
	227	2,256,096.8	471,605.7	1,160.00
	228	2,256,129.0	471,674.6	1,160.00
	229	2,256,120.2	471,710.2	1,160.00
	230	2,256,137.8	471,760.2	1,160.00
	231	2,256,261.5	471,814.9	1,160.00
	232	2,256,267.5	471,827.5	1,160.00
	233	2,256,276.8	471,813.3	1,160.00
	234	2,256,296.0	471,817.7	1,160.00
	235	2,256,309.2	471,810.6	1,160.00
	236	2,256,313.5	471,823.2	1,160.00
	237	2,256,331.0	471,817.1	1,160.00
	238	2,256,366.8	471,778.3	1,160.00
	239	2,256,478.5	471,651.5	1,160.00
	240	2,256,616.5	471,486.2	1,160.00
	241	2,256,522.8	471,616.8	1,160.00
	242	2,256,375.0	471,825.2	1,160.00
Terrain Line15-1162	243	2,256,267.8	471,490.1	1,162.00
	244	2,256,267.0	471,522.1	1,162.00
	245	2,256,252.8	471,541.3	1,162.00
	246	2,256,222.2	471,589.3	1,162.00
	247	2,256,181.8	471,608.6	1,162.00
	248	2,256,173.8	471,650.2	1,162.00
	249	2,256,168.2	471,689.7	1,162.00
	250	2,256,173.8	471,706.2	1,162.00
	251	2,256,157.8	471,705.1	1,162.00
	252	2,256,176.2	471,722.8	1,162.00
	253	2,256,188.2	471,757.4	1,162.00
	254	2,256,210.2	471,770.1	1,162.00
	255	2,256,220.2	471,772.5	1,162.00
	256	2,256,225.8	471,774.5	1,162.00
	257	2,256,244.0	471,777.5	1,162.00
	258	2,256,242.0	471,783.2	1,162.00
	259	2,256,257.5	471,792.5	1,162.00
	260	2,256,279.0	471,790.5	1,162.00

INPUT: TERRAIN LINES**Vinyl Noise Wall Research**

	261	2,256,292.8	471,801.8	1,162.00
	262	2,256,299.5	471,792.5	1,162.00
	263	2,256,308.8	471,789.5	1,162.00
	264	2,256,312.8	471,780.1	1,162.00
	265	2,256,313.8	471,769.5	1,162.00
	266	2,256,321.2	471,761.1	1,162.00
	267	2,256,337.2	471,762.5	1,162.00
	268	2,256,345.5	471,758.8	1,162.00
	269	2,256,332.8	471,744.2	1,162.00
	270	2,256,338.8	471,733.2	1,162.00
	271	2,256,351.0	471,732.9	1,162.00
	272	2,256,355.0	471,729.2	1,162.00
	273	2,256,358.5	471,707.2	1,162.00
	274	2,256,374.0	471,708.9	1,162.00
	275	2,256,368.0	471,722.5	1,162.00
	276	2,256,360.0	471,733.2	1,162.00
	277	2,256,353.2	471,741.6	1,162.00
	278	2,256,357.5	471,745.9	1,162.00
	279	2,256,377.0	471,727.2	1,162.00
	280	2,256,393.8	471,711.9	1,162.00
	281	2,256,405.0	471,691.5	1,162.00
	282	2,256,417.8	471,676.2	1,162.00
	283	2,256,431.8	471,604.0	1,162.00
	284	2,256,440.5	471,599.6	1,162.00
	285	2,256,456.5	471,607.6	1,162.00
	286	2,256,463.2	471,602.3	1,162.00
	287	2,256,442.0	471,591.6	1,162.00
	288	2,256,433.8	471,601.0	1,162.00
	289	2,256,428.0	471,598.3	1,162.00
	290	2,256,429.8	471,568.9	1,162.00
	291	2,256,436.8	471,567.6	1,162.00
	292	2,256,437.0	471,580.3	1,162.00
	293	2,256,451.0	471,555.6	1,162.00
	294	2,256,435.5	471,553.2	1,162.00
	295	2,256,438.8	471,539.2	1,162.00
	296	2,256,448.8	471,548.6	1,162.00

INPUT: TERRAIN LINES**Vinyl Noise Wall Research**

	297	2,256,475.5	471,531.6	1,162.00
	298	2,256,489.5	471,519.9	1,162.00
	299	2,256,492.8	471,521.9	1,162.00
	300	2,256,478.8	471,532.2	1,162.00
	301	2,256,479.2	471,549.2	1,162.00
	302	2,256,471.2	471,547.6	1,162.00
	303	2,256,466.8	471,559.6	1,162.00
	304	2,256,475.5	471,561.6	1,162.00
	305	2,256,488.8	471,556.9	1,162.00
	306	2,256,482.8	471,551.6	1,162.00
	307	2,256,495.0	471,543.8	1,162.00
	308	2,256,504.2	471,539.1	1,162.00
	309	2,256,504.0	471,528.4	1,162.00
	310	2,256,509.0	471,514.0	1,162.00
	311	2,256,523.5	471,501.7	1,162.00
	312	2,256,561.0	471,457.7	1,162.00
Terrain Line16-1164	313	2,256,224.2	471,632.5	1,164.00
	314	2,256,238.0	471,635.2	1,164.00
	315	2,256,242.0	471,623.5	1,164.00
	316	2,256,237.0	471,605.9	1,164.00
	317	2,256,241.8	471,591.4	1,164.00
	318	2,256,312.2	471,582.1	1,164.00
	319	2,256,358.2	471,579.0	1,164.00
	320	2,256,364.2	471,584.5	1,164.00
	321	2,256,364.2	471,606.2	1,164.00
	322	2,256,373.0	471,624.9	1,164.00
	323	2,256,367.5	471,628.7	1,164.00
	324	2,256,360.5	471,652.5	1,164.00
	325	2,256,375.0	471,663.9	1,164.00
	326	2,256,376.5	471,676.3	1,164.00
	327	2,256,373.2	471,691.5	1,164.00
	328	2,256,368.2	471,700.2	1,164.00
	329	2,256,345.2	471,701.8	1,164.00
	330	2,256,302.2	471,748.1	1,164.00
	331	2,256,240.0	471,748.1	1,164.00
	332	2,256,221.8	471,726.6	1,164.00

INPUT: TERRAIN LINES

Vinyl Noise Wall Research

	333	2,256,226.2	471,643.0	1,164.00
Terrain Line17-1162	334	2,256,383.0	471,698.7	1,162.00
	335	2,256,397.2	471,686.6	1,162.00
	336	2,256,386.0	471,669.0	1,162.00
	337	2,256,389.5	471,648.7	1,162.00
	338	2,256,384.8	471,603.8	1,162.00
	339	2,256,374.0	471,562.4	1,162.00
	340	2,256,378.8	471,605.2	1,162.00
	341	2,256,383.2	471,625.9	1,162.00
	342	2,256,383.0	471,641.1	1,162.00
	343	2,256,378.8	471,655.2	1,162.00
	344	2,256,382.2	471,677.3	1,162.00
	345	2,256,379.5	471,698.4	1,162.00
Terrain Line18-1166	346	2,256,344.8	471,681.1	1,166.00
	347	2,256,352.2	471,654.9	1,166.00
	348	2,256,373.2	471,671.1	1,166.00
	349	2,256,370.5	471,679.0	1,166.00
	350	2,256,364.2	471,690.1	1,166.00
	351	2,256,344.2	471,690.4	1,166.00
Terrain Line19-1162	352	2,256,568.0	471,452.3	1,162.00
	353	2,256,638.2	471,410.9	1,162.00
	354	2,256,646.2	471,415.6	1,162.00
	355	2,256,645.2	471,405.9	1,162.00
	356	2,256,668.8	471,392.7	1,162.00
	357	2,256,744.2	471,319.6	1,162.00
	358	2,256,791.2	471,262.2	1,162.00
	359	2,256,705.0	471,393.6	1,162.00
	360	2,256,608.8	471,527.4	1,162.00
Terrain Line20-1164	361	2,256,594.2	471,302.7	1,164.00
	362	2,256,605.0	471,310.2	1,164.00
	363	2,256,605.5	471,316.1	1,164.00
	364	2,256,614.8	471,322.7	1,164.00
	365	2,256,625.0	471,319.1	1,164.00
	366	2,256,640.5	471,330.6	1,164.00
	367	2,256,642.8	471,315.5	1,164.00
	368	2,256,635.0	471,307.2	1,164.00

INPUT: TERRAIN LINES**Vinyl Noise Wall Research**

	369	2,256,637.5	471,300.3	1,164.00
	370	2,256,644.0	471,310.2	1,164.00
	371	2,256,663.8	471,310.8	1,164.00
	372	2,256,666.8	471,316.8	1,164.00
	373	2,256,732.8	471,310.5	1,164.00
	374	2,256,752.8	471,289.6	1,164.00
	375	2,256,806.5	471,232.1	1,164.00
	376	2,256,825.5	471,207.7	1,164.00
	377	2,256,838.0	471,207.7	1,164.00
	378	2,256,842.2	471,200.1	1,164.00
	379	2,256,836.8	471,192.5	1,164.00
	380	2,256,848.0	471,193.9	1,164.00
	381	2,256,861.0	471,187.6	1,164.00
	382	2,256,843.5	471,213.7	1,164.00
Terrain Line21-1166	383	2,256,616.8	471,272.8	1,166.00
	384	2,256,623.2	471,273.0	1,166.00
	385	2,256,630.5	471,284.5	1,166.00
	386	2,256,646.5	471,278.4	1,166.00
	387	2,256,652.5	471,265.7	1,166.00
	388	2,256,659.0	471,267.9	1,166.00
	389	2,256,668.8	471,281.6	1,166.00
	390	2,256,678.8	471,291.8	1,166.00
	391	2,256,682.2	471,287.0	1,166.00
	392	2,256,681.0	471,270.2	1,166.00
	393	2,256,695.0	471,273.0	1,166.00
	394	2,256,705.8	471,266.7	1,166.00
	395	2,256,750.0	471,278.4	1,166.00
	396	2,256,771.8	471,259.7	1,166.00
	397	2,256,795.8	471,232.3	1,166.00
	398	2,256,823.2	471,200.0	1,166.00
	399	2,256,835.5	471,185.7	1,166.00
	400	2,256,850.0	471,187.3	1,166.00
	401	2,256,865.8	471,178.7	1,166.00
	402	2,256,870.0	471,159.3	1,166.00
	403	2,256,865.2	471,150.0	1,166.00
	404	2,256,871.0	471,138.3	1,166.00

INPUT: TERRAIN LINES**Vinyl Noise Wall Research**

	405	2,256,879.0	471,132.2	1,166.00
Terrain Line22-1168	406	2,256,640.5	471,241.2	1,168.00
	407	2,256,652.5	471,239.7	1,168.00
	408	2,256,665.0	471,246.7	1,168.00
	409	2,256,680.2	471,240.4	1,168.00
	410	2,256,733.2	471,250.6	1,168.00
	411	2,256,764.0	471,251.6	1,168.00
	412	2,256,781.5	471,238.8	1,168.00
	413	2,256,832.5	471,182.5	1,168.00
	414	2,256,846.5	471,181.2	1,168.00
	415	2,256,861.5	471,177.5	1,168.00
	416	2,256,867.5	471,161.4	1,168.00
	417	2,256,859.0	471,152.5	1,168.00
	418	2,256,867.8	471,137.6	1,168.00
	419	2,256,876.5	471,130.7	1,168.00
Terrain Line23-1170	420	2,256,658.2	471,217.5	1,170.00
	421	2,256,736.2	471,230.0	1,170.00
	422	2,256,774.8	471,232.0	1,170.00
	423	2,256,799.0	471,213.4	1,170.00
	424	2,256,831.2	471,177.6	1,170.00
	425	2,256,848.2	471,177.0	1,170.00
	426	2,256,856.5	471,173.9	1,170.00
	427	2,256,862.8	471,165.7	1,170.00
	428	2,256,863.2	471,159.1	1,170.00
	429	2,256,855.2	471,151.1	1,170.00
	430	2,256,864.8	471,134.3	1,170.00
	431	2,256,871.2	471,127.9	1,170.00
Terrain Line24-1172	432	2,256,670.5	471,201.2	1,172.00
	433	2,256,680.5	471,204.5	1,172.00
	434	2,256,699.2	471,206.1	1,172.00
	435	2,256,737.8	471,212.0	1,172.00
	436	2,256,786.0	471,212.0	1,172.00
	437	2,256,828.5	471,170.4	1,172.00
	438	2,256,852.8	471,168.8	1,172.00
	439	2,256,861.2	471,161.6	1,172.00
	440	2,256,850.2	471,152.1	1,172.00

INPUT: TERRAIN LINES**Vinyl Noise Wall Research**

	441	2,256,862.2	471,131.2	1,172.00
	442	2,256,866.5	471,126.3	1,172.00
Terrain Line25-1174	443	2,256,664.5	471,182.8	1,174.00
	444	2,256,684.0	471,185.5	1,174.00
	445	2,256,766.0	471,200.9	1,174.00
	446	2,256,786.5	471,191.8	1,174.00
	447	2,256,827.8	471,161.9	1,174.00
	448	2,256,848.5	471,160.5	1,174.00
	449	2,256,846.8	471,148.8	1,174.00
	450	2,256,858.2	471,126.7	1,174.00
	451	2,256,864.8	471,124.0	1,174.00
Terrain Line26-1176	452	2,256,635.8	471,161.1	1,176.00
	453	2,256,671.2	471,160.2	1,176.00
	454	2,256,706.0	471,177.1	1,176.00
	455	2,256,778.8	471,179.4	1,176.00
	456	2,256,800.0	471,153.7	1,176.00
	457	2,256,817.0	471,137.2	1,176.00
	458	2,256,844.5	471,139.1	1,176.00
	459	2,256,846.2	471,133.3	1,176.00
	460	2,256,860.8	471,121.9	1,176.00
Terrain Line27-1178	461	2,256,616.8	471,146.9	1,178.00
	462	2,256,665.0	471,143.3	1,178.00
	463	2,256,678.2	471,154.7	1,178.00
	464	2,256,750.0	471,165.4	1,178.00
	465	2,256,777.2	471,144.7	1,178.00
	466	2,256,778.8	471,115.1	1,178.00
	467	2,256,842.0	471,131.3	1,178.00
	468	2,256,857.0	471,121.0	1,178.00
Terrain Line28-1180	469	2,256,644.5	471,004.8	1,180.00
	470	2,256,681.8	471,031.4	1,180.00
	471	2,256,661.5	471,041.5	1,180.00
	472	2,256,627.2	471,051.5	1,180.00
	473	2,256,609.5	471,057.0	1,180.00
	474	2,256,581.8	471,065.8	1,180.00
	475	2,256,569.5	471,077.8	1,180.00
	476	2,256,569.2	471,091.8	1,180.00

INPUT: TERRAIN LINES

Vinyl Noise Wall Research

	477	2,256,576.8	471,110.9	1,180.00
	478	2,256,591.2	471,124.5	1,180.00
	479	2,256,638.2	471,128.8	1,180.00
	480	2,256,667.5	471,126.8	1,180.00
	481	2,256,685.0	471,140.8	1,180.00
	482	2,256,736.8	471,141.7	1,180.00
	483	2,256,768.0	471,097.3	1,180.00
	484	2,256,807.2	471,113.8	1,180.00
	485	2,256,844.0	471,126.5	1,180.00
	486	2,256,853.8	471,119.3	1,180.00
Terrain Line29-1182	487	2,256,853.0	471,116.8	1,182.00
	488	2,256,844.8	471,121.6	1,182.00
	489	2,256,832.2	471,114.2	1,182.00
	490	2,256,824.5	471,113.2	1,182.00
	491	2,256,797.2	471,101.2	1,182.00
	492	2,256,758.2	471,085.8	1,182.00
	493	2,256,735.5	471,068.0	1,182.00
	494	2,256,733.2	471,071.2	1,182.00
	495	2,256,739.8	471,083.2	1,182.00
	496	2,256,735.2	471,096.4	1,182.00
	497	2,256,722.2	471,110.0	1,182.00
	498	2,256,705.2	471,113.8	1,182.00
	499	2,256,698.8	471,103.2	1,182.00
	500	2,256,660.8	471,101.6	1,182.00
	501	2,256,652.0	471,096.1	1,182.00
	502	2,256,643.5	471,096.8	1,182.00
	503	2,256,633.5	471,077.1	1,182.00
	504	2,256,650.2	471,060.3	1,182.00
	505	2,256,672.2	471,048.0	1,182.00
	506	2,256,720.5	471,064.8	1,182.00
	507	2,256,730.8	471,063.8	1,182.00
	508	2,256,708.0	471,039.0	1,182.00
Terrain Line30-1178	509	2,256,636.0	471,010.0	1,178.00
	510	2,256,633.8	471,020.7	1,178.00
	511	2,256,620.2	471,032.4	1,178.00
	512	2,256,588.2	471,042.8	1,178.00

INPUT: TERRAIN LINES**Vinyl Noise Wall Research**

	513	2,256,575.8	471,051.8	1,178.00
	514	2,256,538.2	471,073.2	1,178.00
	515	2,256,535.5	471,085.5	1,178.00
Terrain Line31-1176	516	2,256,596.8	470,998.6	1,176.00
	517	2,256,524.8	471,055.1	1,176.00
	518	2,256,521.2	471,074.8	1,176.00
Terrain Line32-1174	519	2,256,523.5	470,972.2	1,174.00
	520	2,256,528.5	470,993.0	1,174.00
	521	2,256,540.0	471,014.7	1,174.00
	522	2,256,508.5	471,038.0	1,174.00
	523	2,256,503.2	471,061.2	1,174.00
Terrain Line33-1164	524	2,256,884.2	471,134.4	1,164.00
	525	2,256,877.2	471,143.7	1,164.00
	526	2,256,877.5	471,153.5	1,164.00
	527	2,256,892.5	471,139.2	1,164.00
Terrain Line34-1164	528	2,257,289.8	470,538.8	1,164.00
	529	2,257,270.0	470,566.9	1,164.00
	530	2,257,245.2	470,607.2	1,164.00
	531	2,257,224.5	470,642.4	1,164.00
	532	2,257,204.5	470,673.2	1,164.00
	533	2,257,186.8	470,698.7	1,164.00
	534	2,257,171.0	470,722.7	1,164.00
	535	2,257,168.5	470,739.2	1,164.00
	536	2,257,159.8	470,743.5	1,164.00
	537	2,257,153.8	470,751.2	1,164.00
	538	2,257,148.2	470,762.4	1,164.00
	539	2,257,145.8	470,771.7	1,164.00
	540	2,257,138.8	470,771.7	1,164.00
	541	2,257,132.0	470,783.8	1,164.00
	542	2,257,116.8	470,809.1	1,164.00
	543	2,257,109.0	470,820.0	1,164.00
	544	2,257,090.5	470,844.9	1,164.00
	545	2,257,090.0	470,852.2	1,164.00
	546	2,257,074.8	470,864.9	1,164.00
	547	2,257,067.0	470,875.9	1,164.00
	548	2,257,052.2	470,898.1	1,164.00

INPUT: TERRAIN LINES

Vinyl Noise Wall Research

	549	2,257,044.2	470,912.5	1,164.00
	550	2,257,035.2	470,925.3	1,164.00
	551	2,257,025.2	470,941.0	1,164.00
	552	2,257,003.5	470,966.5	1,164.00
	553	2,256,988.5	470,987.5	1,164.00
	554	2,256,969.2	471,014.4	1,164.00
	555	2,256,945.0	471,052.0	1,164.00
	556	2,256,936.8	471,065.2	1,164.00
	557	2,256,916.8	471,089.0	1,164.00
	558	2,256,906.5	471,109.3	1,164.00
Terrain Line35-1164	559	2,256,910.2	471,113.7	1,164.00
	560	2,256,920.2	471,100.5	1,164.00
	561	2,256,924.2	471,089.9	1,164.00
	562	2,256,937.5	471,076.1	1,164.00
	563	2,256,939.2	471,068.0	1,164.00
	564	2,256,948.8	471,060.3	1,164.00
	565	2,256,975.5	471,022.8	1,164.00
	566	2,257,004.2	470,979.8	1,164.00
	567	2,257,033.5	470,939.4	1,164.00
	568	2,257,046.0	470,916.5	1,164.00
	569	2,257,053.2	470,910.9	1,164.00
	570	2,257,062.0	470,891.9	1,164.00
	571	2,257,073.8	470,878.6	1,164.00
	572	2,257,091.8	470,855.7	1,164.00
	573	2,257,115.5	470,816.1	1,164.00
	574	2,257,148.2	470,774.9	1,164.00
	575	2,257,168.8	470,743.9	1,164.00
	576	2,257,195.5	470,702.5	1,164.00
	577	2,257,247.5	470,627.3	1,164.00
	578	2,257,301.5	470,556.0	1,164.00
Terrain Line36-1184	579	2,256,848.5	471,115.8	1,184.00
	580	2,256,845.0	471,117.4	1,184.00
	581	2,256,835.2	471,107.1	1,184.00
	582	2,256,822.5	471,108.4	1,184.00
	583	2,256,774.0	471,081.6	1,184.00
	584	2,256,756.5	471,065.8	1,184.00

INPUT: TERRAIN LINES**Vinyl Noise Wall Research**

Terrain Line37-1182	585	2,257,254.0	470,513.3	1,182.00
	586	2,257,230.2	470,548.9	1,182.00
	587	2,257,230.2	470,558.6	1,182.00
	588	2,257,214.0	470,571.6	1,182.00
	589	2,257,206.2	470,595.7	1,182.00
	590	2,257,199.0	470,608.0	1,182.00
	591	2,257,189.2	470,625.1	1,182.00
	592	2,257,167.8	470,652.7	1,182.00
	593	2,257,155.5	470,673.3	1,182.00
	594	2,257,136.2	470,705.9	1,182.00
	595	2,257,137.8	470,715.8	1,182.00
	596	2,257,132.8	470,723.6	1,182.00
	597	2,257,121.8	470,734.1	1,182.00
	598	2,257,115.5	470,739.4	1,182.00
	599	2,257,093.2	470,773.0	1,182.00
	600	2,257,062.8	470,819.5	1,182.00
	601	2,257,031.8	470,856.8	1,182.00
	602	2,257,009.2	470,891.7	1,182.00
	603	2,256,994.5	470,905.5	1,182.00
	604	2,256,979.0	470,932.5	1,182.00
	605	2,256,950.0	470,982.9	1,182.00
	606	2,256,923.0	471,009.3	1,182.00
	607	2,256,884.5	471,057.0	1,182.00
	608	2,256,869.0	471,060.8	1,182.00
	609	2,256,865.2	471,072.1	1,182.00
	610	2,256,865.2	471,081.5	1,182.00
	611	2,256,871.5	471,093.5	1,182.00
Terrain Line38-1184	612	2,256,867.2	471,090.8	1,184.00
	613	2,256,862.2	471,088.1	1,184.00
	614	2,256,856.2	471,072.8	1,184.00
	615	2,256,851.5	471,054.6	1,184.00
	616	2,256,832.8	471,049.8	1,184.00
	617	2,256,800.2	471,049.8	1,184.00
	618	2,256,775.8	471,039.3	1,184.00
Terrain Line39-1182	619	2,256,659.8	470,806.1	1,182.00
	620	2,256,679.0	470,846.8	1,182.00

INPUT: TERRAIN LINES

Vinyl Noise Wall Research

	621	2,256,765.5	470,919.5	1,182.00
	622	2,256,783.8	470,989.4	1,182.00
	623	2,256,839.8	471,024.8	1,182.00
	624	2,256,810.2	471,045.4	1,182.00
	625	2,256,784.2	471,035.8	1,182.00
	626	2,256,727.8	471,013.3	1,182.00
Terrain Line40-1180	627	2,256,725.8	470,941.1	1,180.00
	628	2,256,722.0	470,957.8	1,180.00
	629	2,256,731.5	470,982.7	1,180.00
	630	2,256,765.5	471,005.7	1,180.00
	631	2,256,779.5	471,005.7	1,180.00
	632	2,256,816.0	471,032.4	1,180.00
	633	2,256,806.2	471,038.2	1,180.00
	634	2,256,714.8	470,999.9	1,180.00
	635	2,256,700.0	470,980.3	1,180.00
	636	2,256,713.0	470,947.3	1,180.00
	637	2,256,723.0	470,932.9	1,180.00
Terrain Line41-1178	638	2,256,708.8	470,984.1	1,178.00
	639	2,256,737.2	470,998.9	1,178.00
	640	2,256,712.5	470,978.8	1,178.00
Terrain Line42-1178	641	2,256,621.2	470,830.7	1,178.00
	642	2,256,634.2	470,843.7	1,178.00
	643	2,256,661.8	470,865.0	1,178.00
	644	2,256,675.5	470,901.7	1,178.00
	645	2,256,671.0	470,935.2	1,178.00
	646	2,256,677.8	470,953.5	1,178.00
	647	2,256,665.8	470,968.8	1,178.00
	648	2,256,567.0	470,923.8	1,178.00
Terrain Line2-EOP-2	39	2,256,828.0	471,101.2	1,186.00
	40	2,256,755.2	471,061.9	1,184.00
	41	2,256,684.8	471,022.6	1,182.00
	42	2,256,607.8	470,980.6	1,180.00
	43	2,256,526.8	470,937.8	1,178.00
	44	2,256,427.8	470,889.8	1,176.00
	45	2,256,300.5	470,857.2	1,178.00
	46	2,256,222.0	470,851.3	1,180.00

INPUT: TERRAIN LINES

Vinyl Noise Wall Research

	47	2,256,173.8	470,852.2	1,182.00
	48	2,256,140.8	470,856.2	1,184.00
	49	2,256,106.2	470,859.9	1,186.00
	50	2,256,078.5	470,862.7	1,188.00
	51	2,256,054.5	470,864.9	1,190.00
	52	2,256,030.2	470,868.1	1,192.00
	53	2,256,008.2	470,871.2	1,194.00
	54	2,255,983.5	470,874.5	1,196.00
	55	2,255,957.5	470,877.6	1,198.00
	56	2,255,906.8	470,887.1	1,200.00
	57	2,255,803.5	470,905.3	1,202.00
	58	2,255,599.0	470,946.2	1,204.00
Terrain Line1-EOP-2	10	2,256,839.8	471,079.2	1,186.00
	11	2,256,767.2	471,040.0	1,184.00
	12	2,256,696.8	471,000.7	1,182.00
	13	2,256,619.5	470,958.6	1,180.00
	14	2,256,538.0	470,915.6	1,178.00
	15	2,256,436.5	470,866.2	1,176.00
	16	2,256,304.5	470,832.4	1,178.00
	17	2,256,222.8	470,826.4	1,180.00
	18	2,256,172.2	470,827.3	1,182.00
	19	2,256,137.8	470,831.5	1,184.00
	20	2,256,103.8	470,835.1	1,186.00
	21	2,256,076.0	470,837.8	1,188.00
	22	2,256,051.8	470,840.1	1,190.00
	23	2,256,026.8	470,843.3	1,192.00
	24	2,256,005.0	470,846.5	1,194.00
	25	2,255,980.5	470,849.7	1,196.00
	26	2,255,953.8	470,852.9	1,198.00
	27	2,255,902.2	470,862.6	1,200.00
	28	2,255,798.8	470,880.8	1,202.00
	29	2,255,594.2	470,921.7	1,204.00
Terrain Line3-EOP-2	651	2,256,865.0	471,189.9	1,164.00
	62	2,256,738.2	471,363.0	1,164.00
	63	2,256,726.8	471,379.1	1,164.00
	64	2,256,494.2	471,680.6	1,162.00

INPUT: TERRAIN LINES

	65	2,256,438.5	471,752.8	1,162.00
	66	2,256,238.8	471,995.4	1,160.00
	67	2,256,205.0	472,036.2	1,160.00
	68	2,256,160.2	472,090.0	1,160.00
	69	2,256,115.8	472,142.0	1,160.00
	70	2,256,068.0	472,197.3	1,162.00
	71	2,255,922.5	472,367.1	1,164.00
	72	2,255,816.8	472,483.2	1,166.00
	73	2,255,746.0	472,559.6	1,166.00
	74	2,255,691.5	472,618.3	1,168.00
Terrain Line4-EOP-2	654	2,257,060.0	471,185.9	1,166.00
	87	2,257,124.5	471,097.1	1,166.00
	88	2,257,295.0	470,852.1	1,166.00
	89	2,257,369.5	470,744.6	1,166.00
	90	2,257,500.0	470,548.4	1,164.00

Vinyl Noise Wall Research

INPUT: GROUND ZONES

Vinyl Noise Wall Research

BPS				10 May 2022	
Kim Burton/Ruchi Agarwal				TNM 2.5	
INPUT: GROUND ZONES					
PROJECT/CONTRACT:	Vinyl Noise Wall Research				
RUN:	Green Vinyl Wall Site (Analysis)				
Ground Zone			Points		
Name	Type	Flow Resistivity	No.	Coordinates	
		cgs rayls		X	Y
				ft	ft

INPUT: TREE ZONES

Vinyl Noise Wall Research

BPS				10 May 2022	
Kim Burton/Ruchi Agarwal				TNM 2.5	
INPUT: TREE ZONES					
PROJECT/CONTRACT:	Vinyl Noise Wall Research				
RUN:	Green Vinyl Wall Site (Analysis)				
Tree Zone		Points			
Name	Average	No.	Coordinates (ground)		
	Height		X	Y	Z
	ft		ft	ft	ft
<< This table is empty >>					

INPUT: CONTOUR ZONES

Vinyl Noise Wall Research

BPS						
Kim Burton/Ruchi Agarwal					10 May 2022	
					TNM 2.5	
INPUT: CONTOUR ZONES						
PROJECT/CONTRACT:	Vinyl Noise Wall Research					
RUN:	Green Vinyl Wall Site (Analysis)					
Contour Zone				Points		
Name	Grid Height	Minimum Grid Spacing	Contour Tolerance	No.	Coordinates	
					X	Y
	ft	ft	dB		ft	ft
<< This table is empty >>						

INPUT: RECEIVER ADJUSTMENT FACTORS

Vinyl Noise Wall Research

BPS		10 May 2022			
Kim Burton/Ruchi Agarwal		TNM 2.5			
INPUT: RECEIVER ADJUSTMENT FACTORS					
PROJECT/CONTRACT:		Vinyl Noise Wall Research			
RUN:		Green Vinyl Wall Site (Analysis)			
Receiver					
Name		No. Individual Roadway Segment Adjustment Factors			
		Roadway Segment			
		Name Name		No. Adj. Factor	
				dB	
<< This table is empty >>					

INPUT: "STRUCTURE" BARRIERS

Vinyl Noise Wall Research

BPS		10 May 2022			
Kim Burton/Ruchi Agarwal		TNM 2.5			
INPUT: "STRUCTURE" BARRIERS					
PROJECT/CONTRACT:		Vinyl Noise Wall Research			
RUN:		Green Vinyl Wall Site (Analysis)			
Barrier	Segments		Shielded Roadways		Segments
Name	Name	No.	Name	Name	No.
<< This table is empty >>					

INPUT: BARRIER NOISE REDUCTION COEFFICIENTS

Vinyl Noise Wall Research

BPS					10 May 2022		
Kim Burton/Ruchi Agarwal					TNM 2.5		
INPUT: BARRIER NOISE REDUCTION COEFFICIENTS							
PROJECT/CONTRACT:		Vinyl Noise Wall Research					
RUN:		Green Vinyl Wall Site (Analysis)					
Barrier	Segments				Reflected Roadways		Segments
Name	Name	No.	NRC		Name	Name	No.
			LSide	RSide			
Existing Vinyl Wall	point1	1	0.0	0.0	---	---	0

RESULTS: BARRIER DESCRIPTIONS

Vinyl Noise Wall Research

BPS										
Kim Burton/Ruchi Agarwal					10 May 2022					
					TNM 2.5					

RESULTS: BARRIER DESCRIPTIONS

PROJECT/CONTRACT:	Vinyl Noise Wall Research									
RUN:	Green Vinyl Wall Site (Analysis)									
BARRIER DESIGN:	INPUT HEIGHTS									

Barriers										
Name	Type	Heights along Barrier			Length	If Wall Area	If Berm Volume	Top Width	Run:Rise	Cost
		Min	Avg	Max						
		ft	ft	ft	ft	sq ft	cu yd	ft	ft:ft	\$
Existing Vinyl Wall	W	7.00	7.00	7.00	121	849				0
									Total Cost:	0

RESULTS: SOUND LEVELS

Vinyl Noise Wall Research

BPS													10 May 2022
Kim Burton/Ruchi Agarwal													TNM 2.5
RESULTS: SOUND LEVELS													Calculated with TNM 2.5
PROJECT/CONTRACT:													Vinyl Noise Wall Research
RUN:													Green Vinyl Wall Site (Analysis)
BARRIER DESIGN:													INPUT HEIGHTS
ATMOSPHERICS:													68 deg F, 50% RH
Receiver													Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.
Name	No.	#DUs	Existing	No Barrier	Increase over existing			With Barrier					
			LAeq1h	LAeq1h	Crit'n	Calculated	Crit'n	Type	Calculated	Noise Reduction	Goal	Calculated	
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated	
							Sub'l Inc					minus	
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	Goal	
Vinyl-Meter A	2	1	0.0	76.9	66	76.9	10	Snd Lvl	76.9	0.0	8	-8.0	
Vinyl-Meter B	3	1	0.0	76.0	66	76.0	10	Snd Lvl	64.1	11.9	8	3.9	
Vinyl-Meter B'	4	1	0.0	74.6	66	74.6	10	Snd Lvl	68.2	6.4	8	-1.6	
Vinyl-Meter C	5	1	0.0	72.8	66	72.8	10	Snd Lvl	69.1	3.7	8	-4.3	
NoWall-Meter A	6	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
NoWall-Meter B	7	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
NoWall-Meter B'	8	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
NoWall-Meter C	9	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
		dB	dB	dB									
All Selected		8	0.0	2.8	11.9								
All Impacted		4	0.0	5.5	11.9								
All that meet NR Goal		1	11.9	11.9	11.9								

RESULTS: SOUND-LEVEL DIAGNOSIS BY BARRIER SEGMENT

Vinyl Noise Wall Research

BPS			10 May 2022			
Kim Burton/Ruchi Agarwal			TNM 2.5			
			Calculated with TNM 2.5			
RESULTS: SOUND-LEVEL DIAGNOSIS BY BARRIER SEGMENT						
PROJECT/CONTRACT:		Vinyl Noise Wall Research				
RUN:		Green Vinyl Wall Site (Analysis)				
BARRIER DESIGN:		INPUT HEIGHTS				
ATMOSPHERICS:		68 deg F, 50% RH				
Selected Receivers						
Name	No.	Total	Important Barriers Name	Important Segments		Partial LAeq1h dBA
		LAeq1h dBA		Name	No.	
Vinyl-Meter A	2	76.90				
Vinyl-Meter B	3	64.10	Existing Vinyl Wall	point1	1	63.70
Vinyl-Meter B'	4	68.20	Existing Vinyl Wall	point1	1	65.50
Vinyl-Meter C	5	69.10	Existing Vinyl Wall	point1	1	64.30
NoWall-Meter A	6	0.00				
NoWall-Meter B	7	0.00				
NoWall-Meter B'	8	0.00				
NoWall-Meter C	9	0.00				

RESULTS: SOUND-LEVEL DIAGNOSIS BY VEHICLE TYPE

Vinyl Noise Wall Research

BPS			10 May 2022	
Kim Burton/Ruchi Agarwal			TNM 2.5	
			Calculated with TNM 2.5	
RESULTS: SOUND-LEVEL DIAGNOSIS BY VEHICLE TYPE				
PROJECT/CONTRACT:	Vinyl Noise Wall Research			
RUN:	Green Vinyl Wall Site (Analysis)			
BARRIER DESIGN:	INPUT HEIGHTS			
ATMOSPHERICS:	68 deg F, 50% RH			
Receivers				
Name	No.	Total LAeq1h	Vehicle Type Name	Partial LAeq1h
		dBa		dBa
Vinyl-Meter A	2	76.9	Autos	74.2
			MTrucks	66.2
			HTrucks	72.7
			Buses	
			Motorcycles	
Vinyl-Meter B	3	64.1	Autos	60.8
			MTrucks	53.9
			HTrucks	60.5
			Buses	
			Motorcycles	
Vinyl-Meter B'	4	68.2	Autos	65.0
			MTrucks	57.6
			HTrucks	64.7
			Buses	
			Motorcycles	
Vinyl-Meter C	5	69.1	Autos	65.8
			MTrucks	58.1
			HTrucks	65.7
			Buses	
			Motorcycles	

RESULTS: BARRIER DESIGN

Vinyl Noise Wall Research

BPS						10 May 2022						
Kim Burton/Ruchi Agarwal						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: BARRIER DESIGN												
PROJECT/CONTRACT:		Vinyl Noise Wall Research										
RUN:		Green Vinyl Wall Site (Analysis)										
BARRIER DESIGN:		INPUT HEIGHTS										
ATMOSPHERICS:												
		68 deg F, 50% RH										
Selected Receivers												
Name		No.	Noise Reduction				Barrier Reviewed		Important Segments		Partial	
			Calc	Calc	Goal	Calc-Goal			Name	No.	Height	LAeq1h
			dBA	dB	dB	dB					ft	dBA
Vinyl-Meter A		2	76.9	-0.0	8	-8.0						
Vinyl-Meter B		3	64.1	11.9	8	3.9	Existing Vinyl Wall		point1	1	7.0	63.7
Vinyl-Meter B'		4	68.2	6.4	8	-1.6	Existing Vinyl Wall		point1	1	7.0	65.5
Vinyl-Meter C		5	69.1	3.7	8	-4.3	Existing Vinyl Wall		point1	1	7.0	64.3
NoWall-Meter A		6	inactive	inactive	8	inactive						
NoWall-Meter B		7	inactive	inactive	8	inactive						
NoWall-Meter B'		8	inactive	inactive	8	inactive						
NoWall-Meter C		9	inactive	inactive	8	inactive						
Total Cost, All Barriers (including additional cost(s))												
						\$0						

APPENDIX K
Lima Vinyl Noise Wall
Damage
Documentation



(01) Broken panel on the south side of the wall



(02) Broken panel



(01) Posts visibly out of vertical plumb



(02) Posts out of vertical plumb shown by the bubble level



(01) View of the broken panel



(02) Broken panel and damage to panel at bending point



(03) Missing upper reinforcement beam in damaged panel



(04) Bottom of damaged panel with reinforcement beam in place



(05) New replacement panel



(06) Replacement panel with upper reinforcement beam in place



(07) Existing panel width



(08) Broken panel width



(09) Post 4 out of vertical plumb



(10) Settling of post/panel



(11) Post/panel settlement



(12) Panel settling



(13) Post settling result on the post caps



(14) Wall lines not parallel and missing post caps



(15) Post caps fallen to the ground



(16) Top of post and panel



(17) Top of the post damaged



(18) Crayfish burrows found on site



(19) Silt fencing being installed



(20) Depth of depression in the soft ground adjacent to the wall made by a lightweight tractor used to install the silt fence



(21) Start of excavation at post 5



(22) General view of excavations and repairs



(23) Settlement at post with measurement



(24) Post 4 soil condition approx. 18" below surface



(25) Post 4 soil condition just above concrete footer



(26) Post 4 ponding of water below top of concrete footer



(27) Post 5 soil condition just above concrete footer



(28) Post 5 ponding of water below top of concrete footer



(29) Post 9 water and settlement



(30) Posts 3 & 4 after excavation and adjusting of posts



(31) after post adjustments and panel replacement



(32) Wall repaired



(33) West side of wall repair



(34) View of repaired section west to east

Noted observations of damages and repair procedure from the day of wall repair on 4/21/22

Observer Name: Mary Sharrett, President, Stone Environmental Engineering and Science

Observation Date/Time: 4/21/2022; 9:40am to 11:40am (At the time of leaving the site, the crew had finished excavating around Post 5 and had begun excavating around Post 4)

Project Name: Noise Wall Research

Project Location: ODOT District 2 Outpost - Lima, Ohio

General

Observed general site and the constructed noise wall, as well as the damaged panel (no longer in place). For this report, Post 1 refers to the first post where the panel damage was documented, with Post 51 being the last post (furthest away from the ODOT facility).

- Those present included: Noel Alcala (ODOT), Elvin Pickney (Burton Planning Services), Mary Sharrett (STONE), and Ron and assistant from the construction crew. (It is noted that another subcontractor installed silt fence along the noise wall fence at the same time repair of the fence commenced.)
- Site was wet, with standing water present in several areas. Numerous posts showed signs of settlement and ponded water around the post.
- Wall was noted out of plumb, associated with Posts 3, 4 and 49.
- Post caps were missing at Posts 17, 32, 36, 39, 41, 43, 44, 47, 50 and 51 (10 of the 51 posts). In some cases, the post appeared to have settled, and there was no "stickup" for the cap to sit, and in one case the panel was above the post (Post 50).
- For some posts, the caps were on a skew, and may also indicate a drop in the post.
- At Post 32, the top of the post was damaged (cracked open). Cap was missing.
- At Post 24, it appeared that the top panel had moved down from its original position.
- In general, areas with concerns also seemed to have a slant at the midline (versus being straight/level).
- Three panels were measured for width: Damaged panel (94.5"), Panel below damaged panel (94.5"), new panel (95").
- End panel (between Posts 50 and 51), bottom panel is upside down.

Construction at Damaged Area

For this report, the damaged area is considered the portion of the noise wall between Post 1 and Post 5. The top panel between Posts 1 and 2 was the panel that was damaged (bent), and was no longer in place.

- Upon looking at the damaged panel (laying on the ground), there was no steel support at the top of the panel. Steel was present on the bottom of the damaged panel.
- Post 4 appeared to be the most out of plumb. A small gap was present at the top of the post, where the post meets the panel.
- Upon excavation at Post 5, concrete was encountered at a depth of 17 inches below the ground surface. Construction crew indicated concrete should have been at a depth of 2 to 4 inches below grade. Bottom of footing was at 35 inches below grade.

The construction crew estimated Post 5 had settled at least 2 inches. The bottom of the wall panel was no longer sitting on the bottom post bracket.

Simulate Stone Vinyl Fence/Wall Condition Survey
Q&A

Question/Location	Richmond, VA	Aurora, IL	Kettering, OH	Bexley, OH
When was your vinyl wall installed?	December 2013	2016 - 2017	2019	2020
What was the height of the wall?	12 feet	6 feet, 8 feet, 10 feet, and 12 feet	Approx. 6 feet	8 feet
When was the last time the wall was inspected?	4/6/22; inspected for defects	2018; and in 2017 before that	Wall is inspected often	Wall is not formally inspected
What was discovered during the last inspection?	No defects or issues noted	½ to ¼ inch gap between panels; vertical gap between a panel and a post; a horizontal post had gap between it and the ground; some panels had bends in the center and cracks at the bottom; cracks at the bottom of two posts.	No damage has been discovered to date	Wall shows no signs of damage
Were any foundation issues found along the wall?	No foundation issues found	No foundation issues found	No foundation issues found	No foundation issues found
If any issues were discovered, how were they remedied?	N/A	Walls inspected again in warmer months and there were fewer gaps between panels as there were when it was cold. Damaged panels were replaced.	N/A	N/A
How is the wall performing acoustically?	It is considered as a privacy fence (not a noise wall); no acoustical testing conducted	We have not received any resident feedback	Constructed to be a visual barrier. Property owner has a series of storage buildings behind the wall. Noise was not a consideration.	Constructed as a security fence with an aesthetic element to enhance the property
Any other comments or observations?	None	None	Property owner included a concrete base approx. 3' wide and 4" thick splitting the center line of the fence. This provides an 18" buffer on both sides of the fence for mowing and adds stabilization to the posts which are each enclosed by the concrete wall.	None