

Appendix G

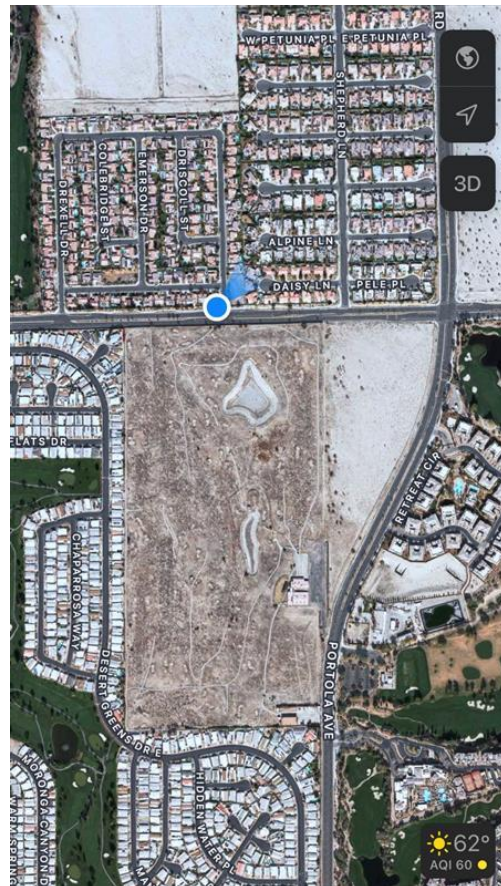
Noise Modeling

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Site Number: NM-1		
Recorded By: Dennis Dinh, Oscar Escobar		
Job Number: 203638		
Date: 1/30/2025		
Time: 10:14 a.m.		
Location: Southwest corner of the Hollister Drive and Frank Sinatra Drive		
Source of Ambient Noise: Traffic along Frank Sinatra Drive		
Noise Data		
L_{eq} (dB)	L_{min} (dB)	L_{max} (dB)
65.4	37.3	79.1

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	06/04/2023	
	Microphone	Brüel & Kjær	4189	3086765	06/04/2023	
	Preamp	Brüel & Kjær	ZC 0032	25380	06/04/2023	
	Calibrator	Brüel & Kjær	4231	2545667	06/04/2023	
Weather Data						
Est.	Duration: 10 minutes			Sky: Sunny		
	Note: dBA Offset = 0.00			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	4		67		29.96	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/30/2025 10:14:36
End Time:		01/30/2025 10:24:36
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.15

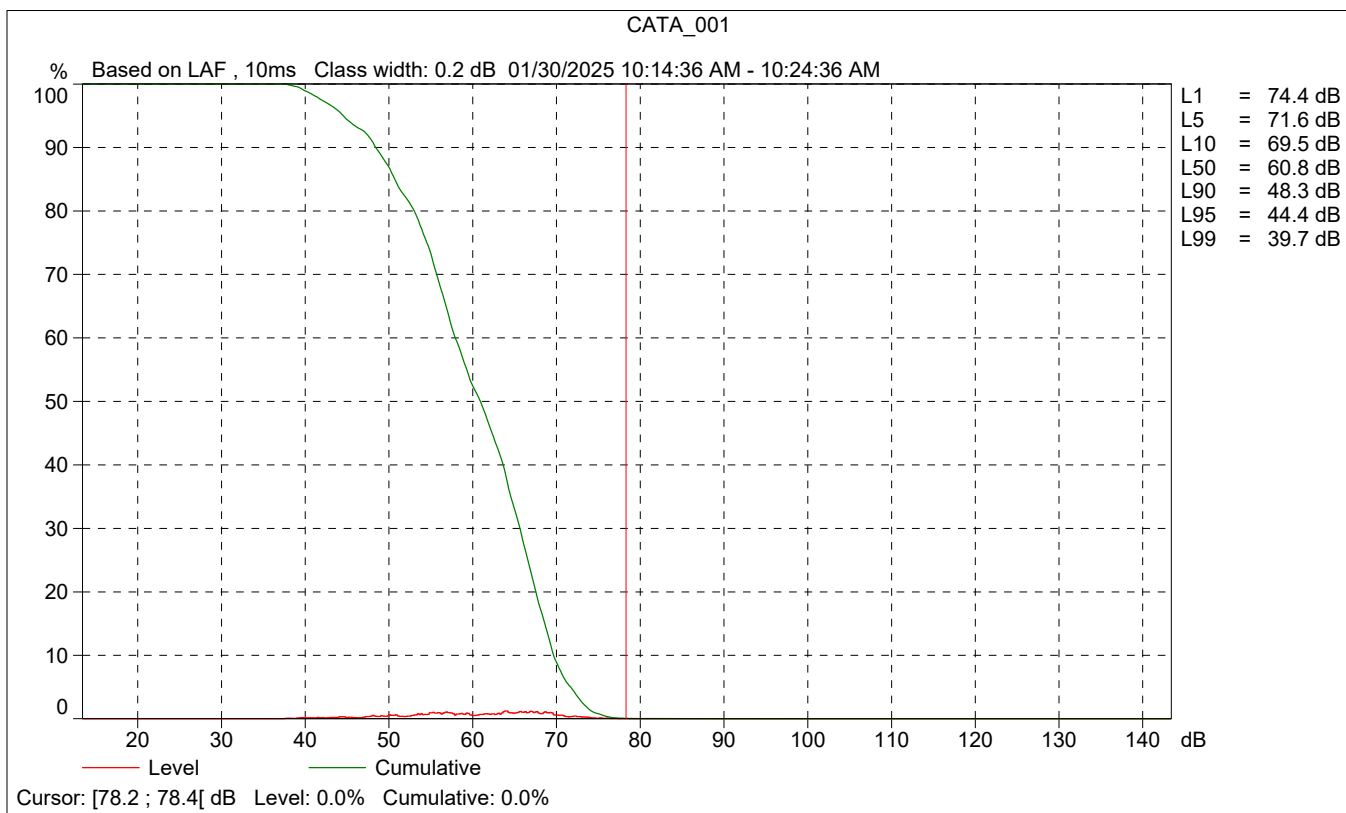
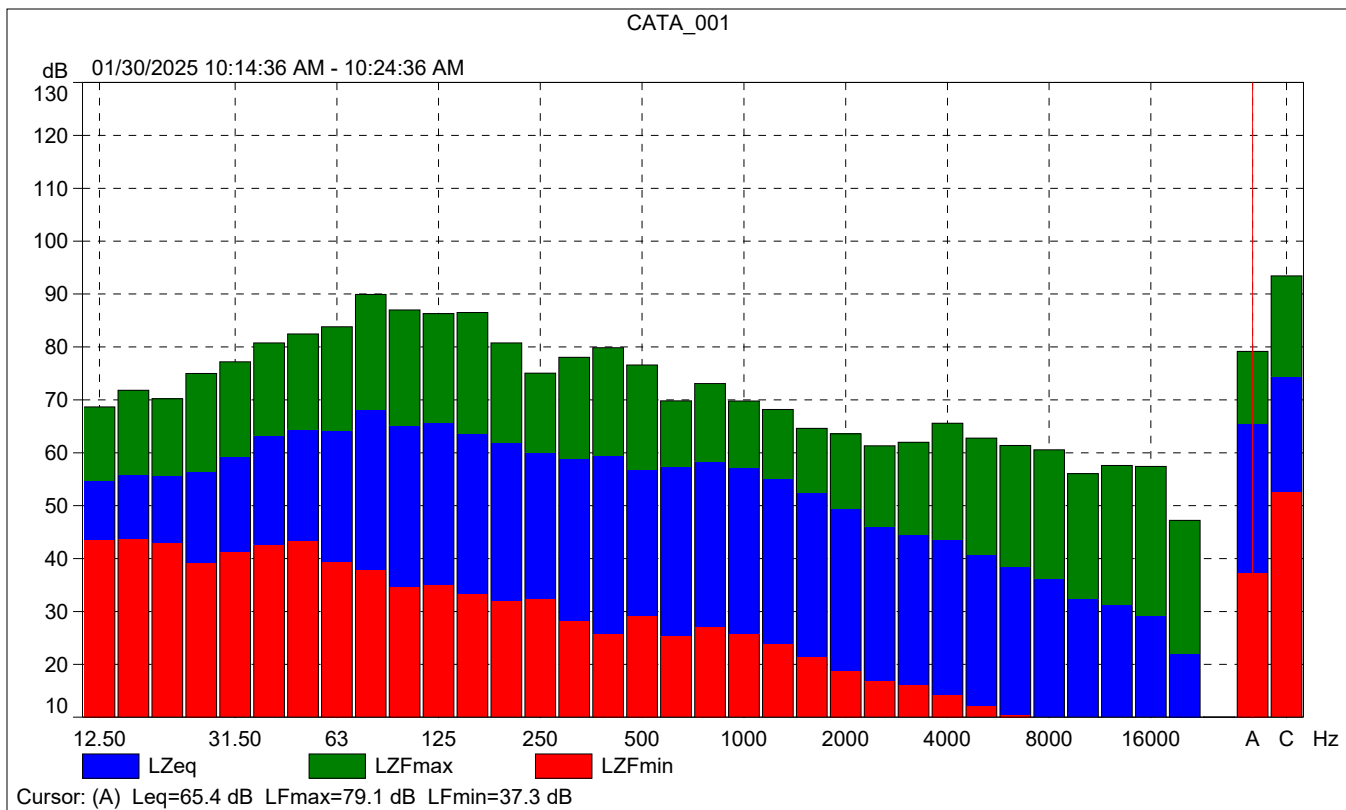
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

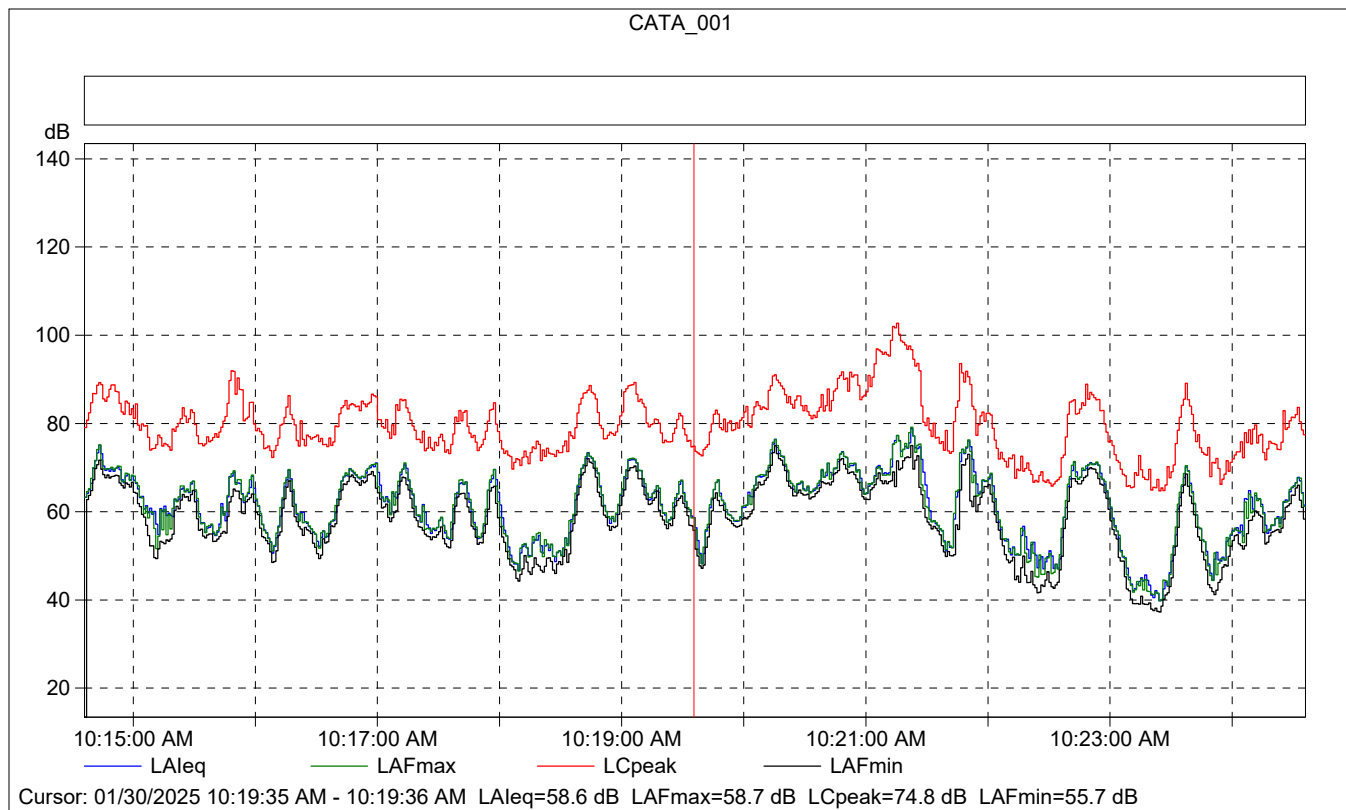
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		01/30/2025 10:13:00
Calibration Type:		External reference
Sensitivity:		43.4635318815708 mV/Pa

CATA_001

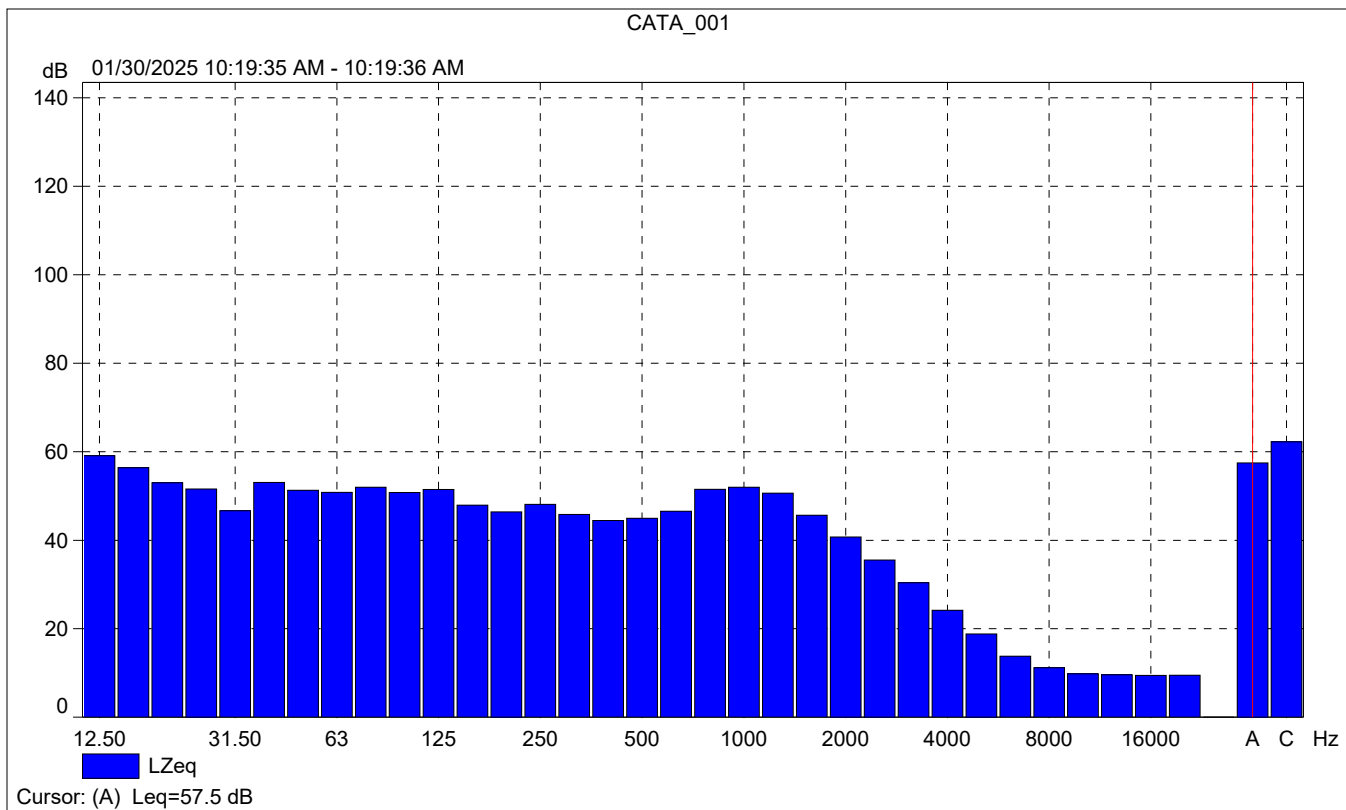
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	65.4	79.1	37.3
Time	10:14:36 AM	10:24:36 AM	0:10:00				
Date	01/30/2025	01/30/2025					





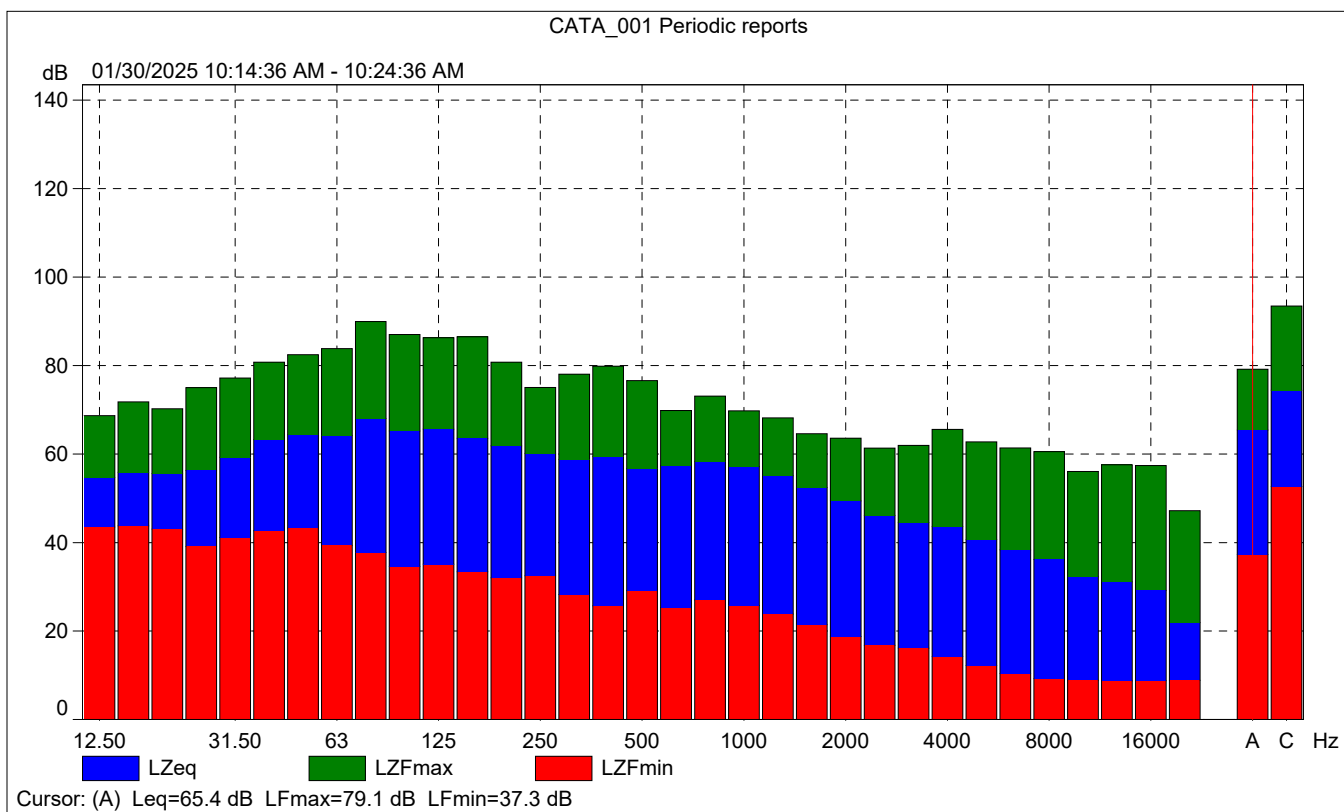
CATA_001

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	58.6	58.7	55.7
Time	10:19:35 AM	0:00:01				
Date	01/30/2025					



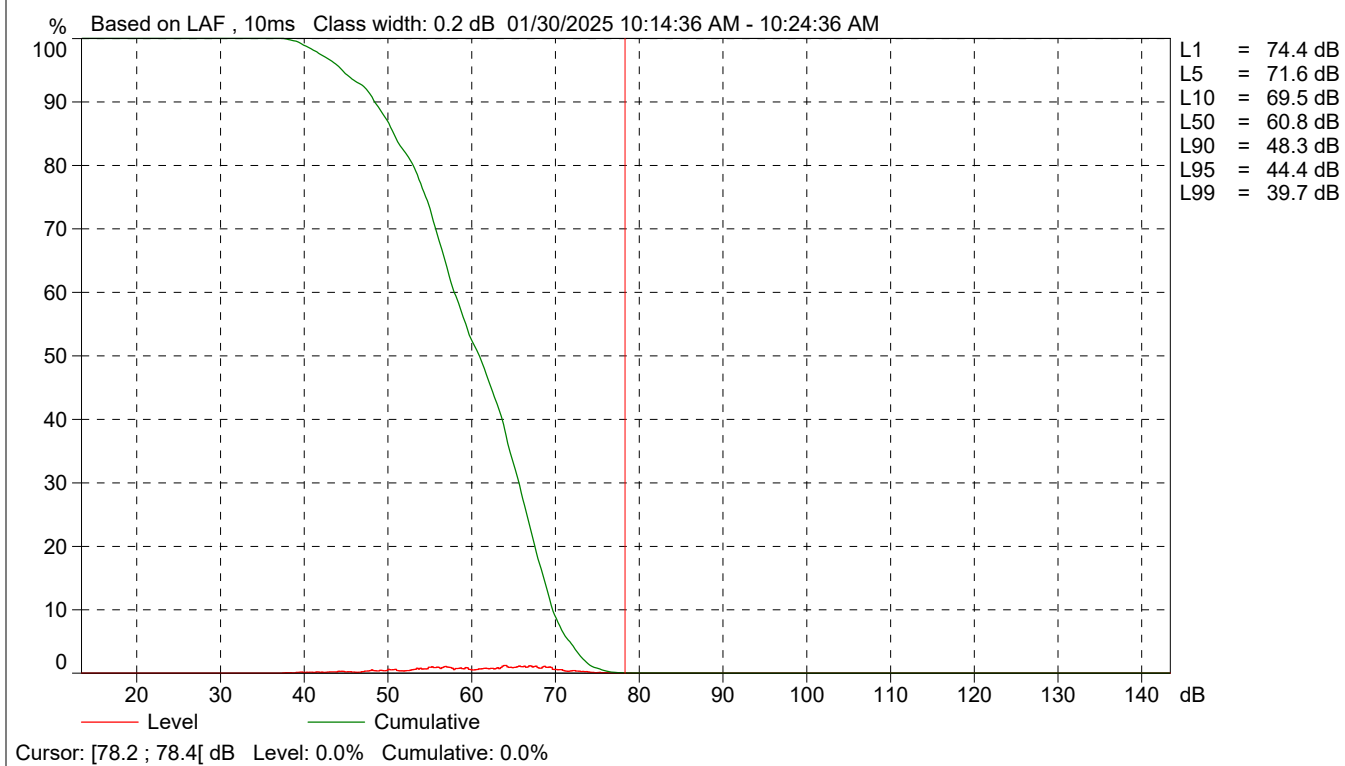
CATA_001 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	66.7	79.1	37.3
Time	10:14:36 AM	0:10:00				
Date	01/30/2025					





CATA_001 Periodic reports

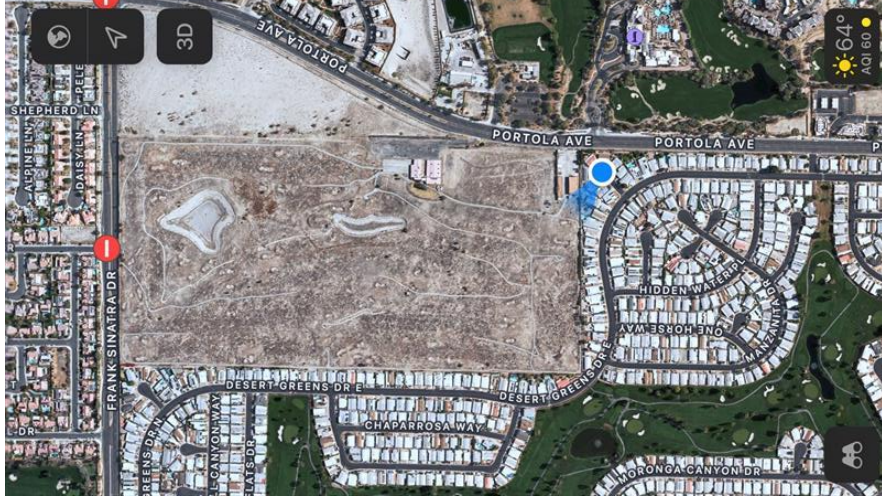


Site Number: NM-2	
Recorded By: Dennis Dinh, Oscar Escobar	
Job Number: 203638	
Date: 1/30/2025	
Time: 10:56 a.m.	
Location: In front of 39011 Cudy Cir	
Source of Ambient Noise: Wind blowing and vehicles along Desert Greens Drive	
Noise Data	
L_{eq} (dB)	L_{max} (dB)
46.1	68.6
L_{min} (dB)	
33.9	

Equipment			
Category	Type	Vendor	Model
Sound	Sound Level Meter	Brüel & Kjær	2250
	Microphone	Brüel & Kjær	4189
	Preamplifier	Brüel & Kjær	ZC 0032
	Calibrator	Brüel & Kjær	4231
Weather Data			
Duration: 10 minutes		Sky: Sunny	
Note: dBA Offset = 0.00		Sensor Height (ft): 5 ft	
Est.	Wind Ave Speed (mph / m/s)	Temperature (degrees Fahrenheit)	Barometer Pressure (inches)
	4	67	29.96



Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/30/2025 10:56:56
End Time:		01/30/2025 11:07:02
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.15

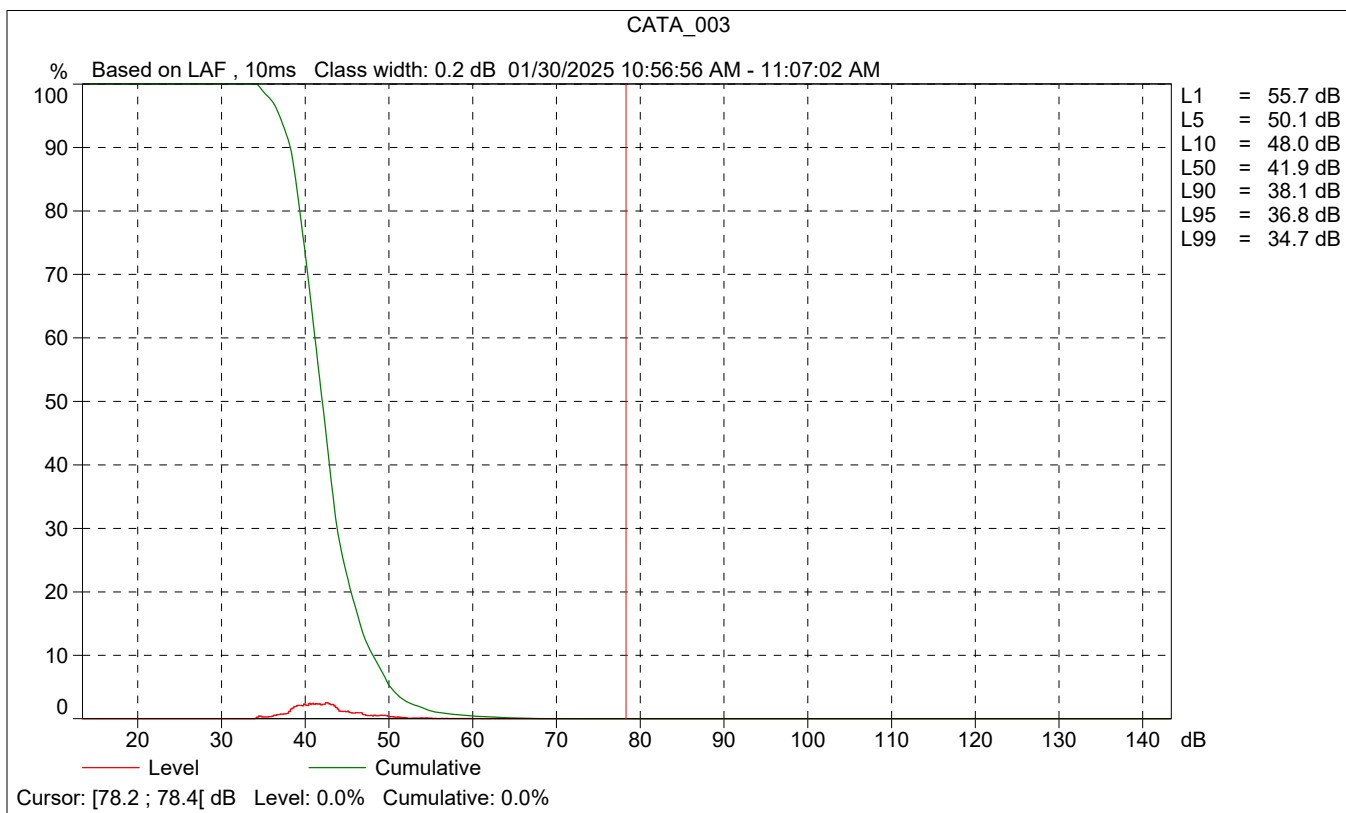
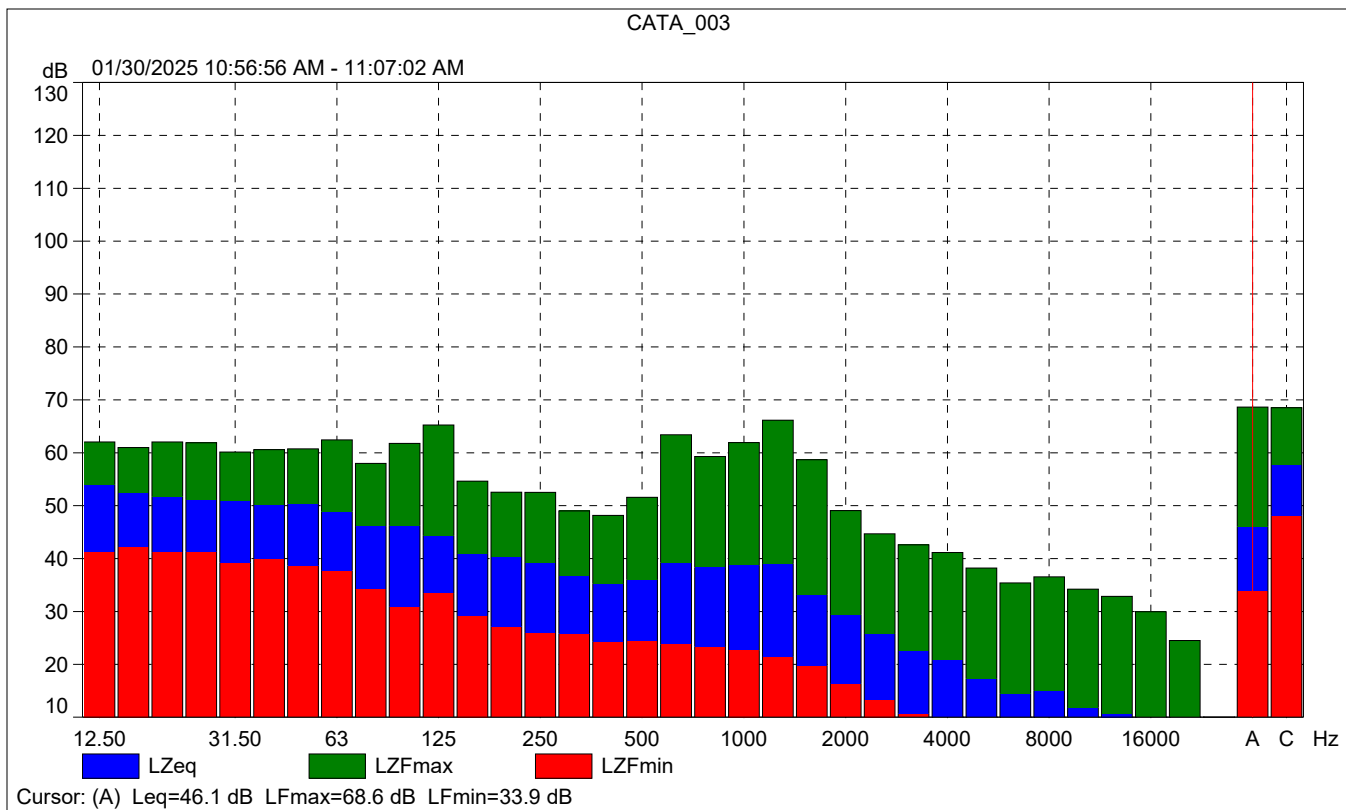
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

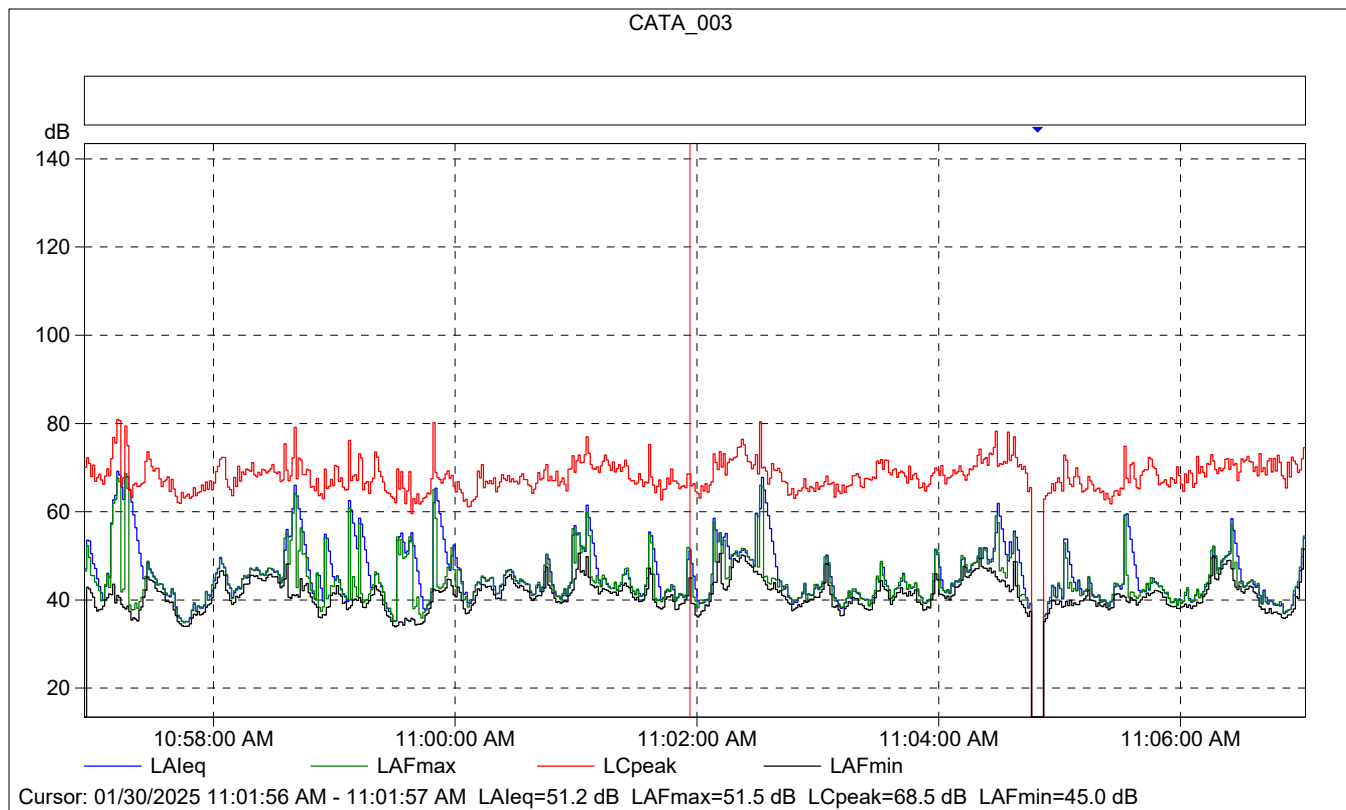
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		01/30/2025 10:13:00
Calibration Type:		External reference
Sensitivity:		43.4635318815708 mV/Pa

CATA_003

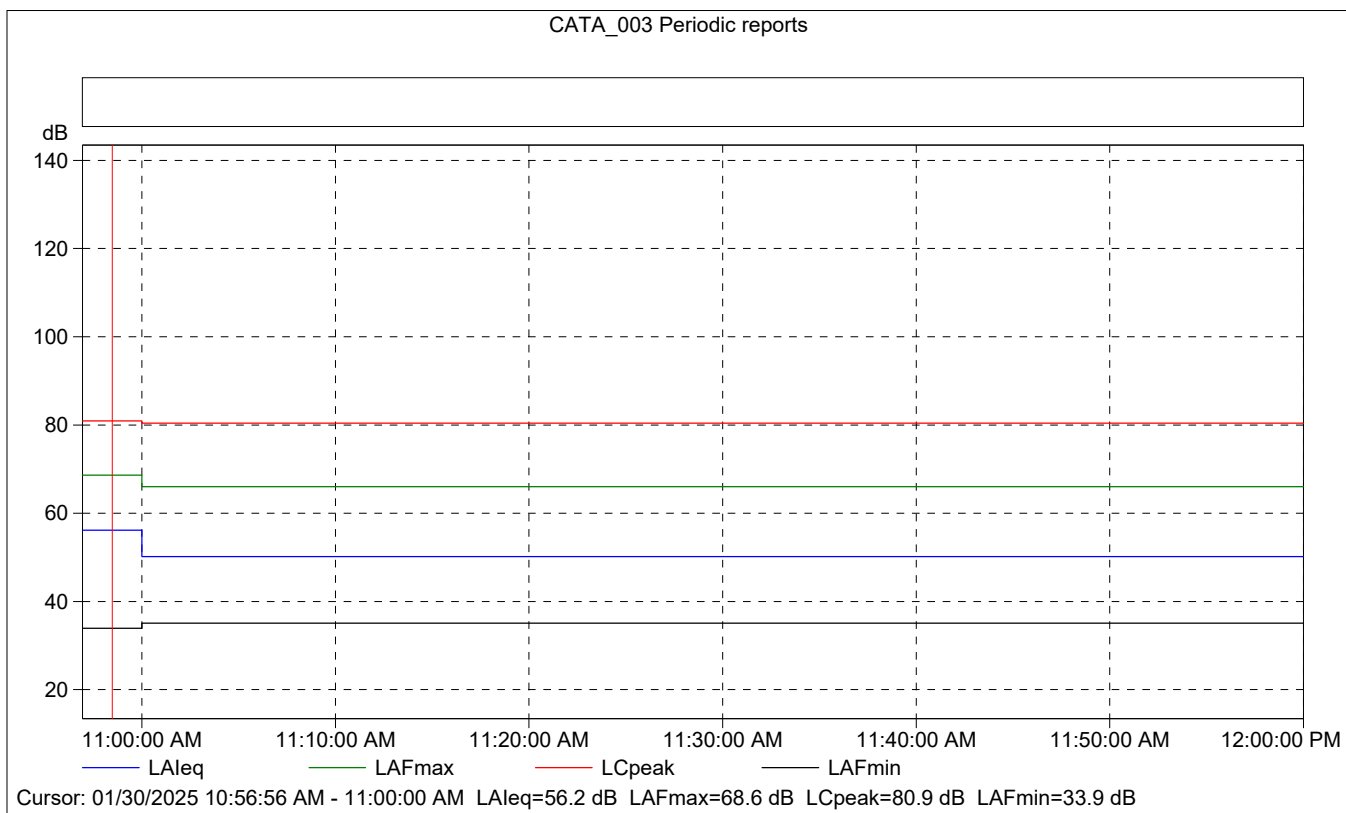
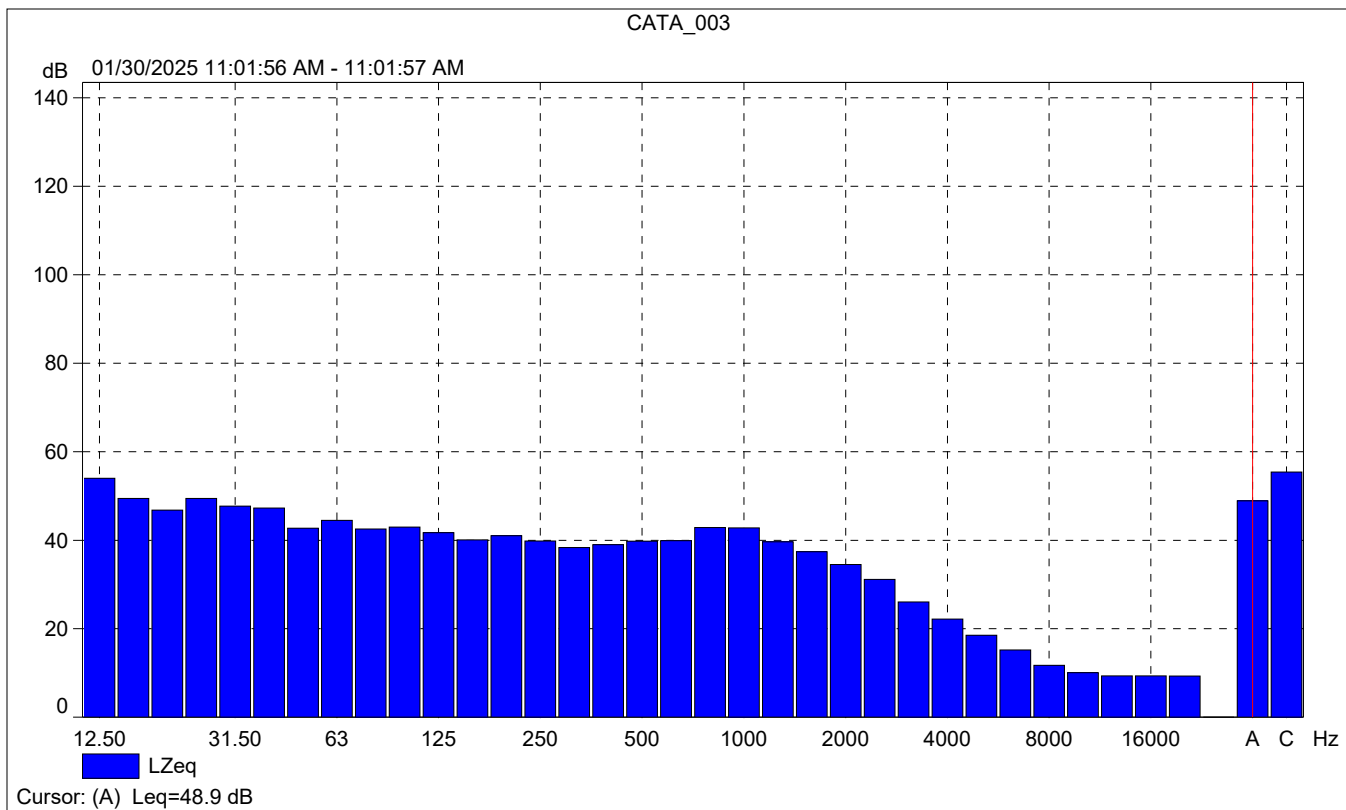
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	46.1	68.6	33.9
Time	10:56:56 AM	11:07:02 AM	0:10:00				
Date	01/30/2025	01/30/2025					





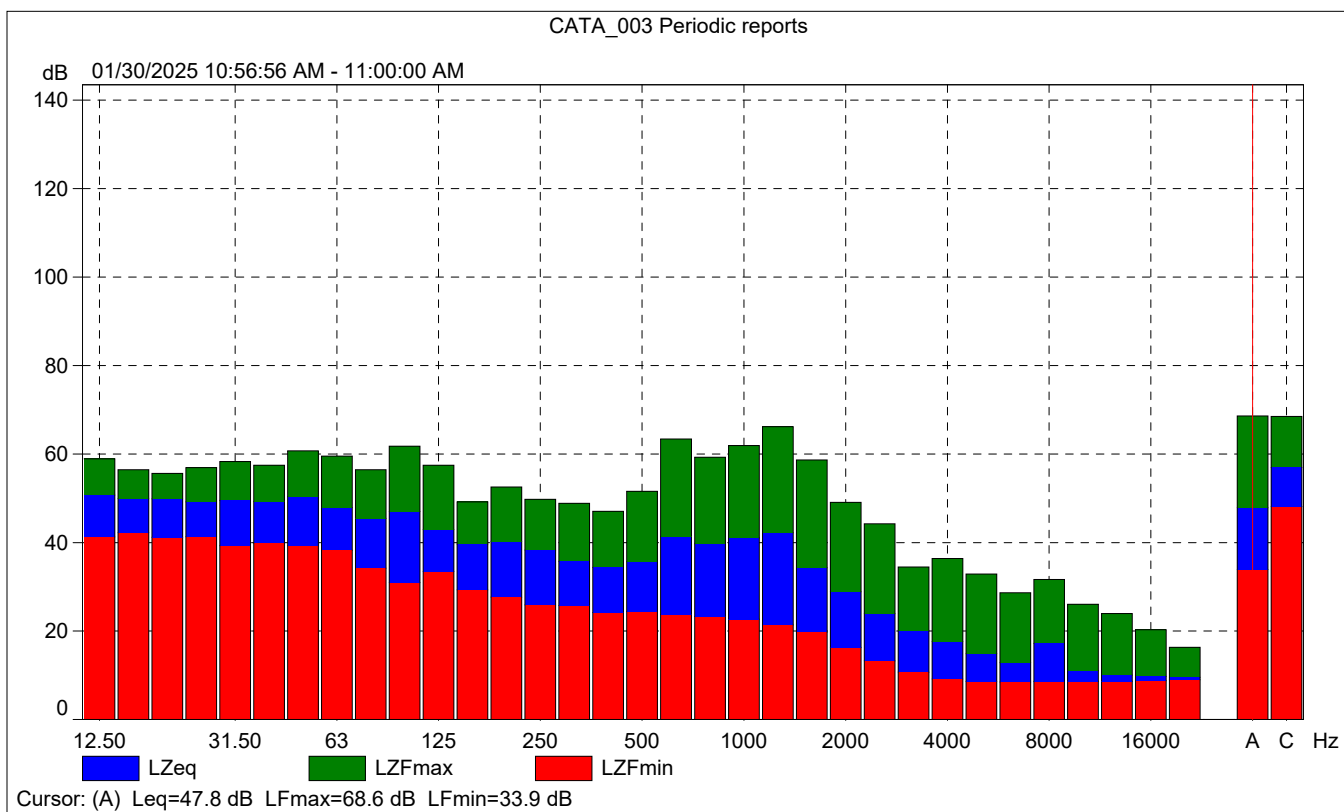
CATA_003

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	51.2	51.5	45.0
Time	11:01:56 AM	0:00:01				
Date	01/30/2025					



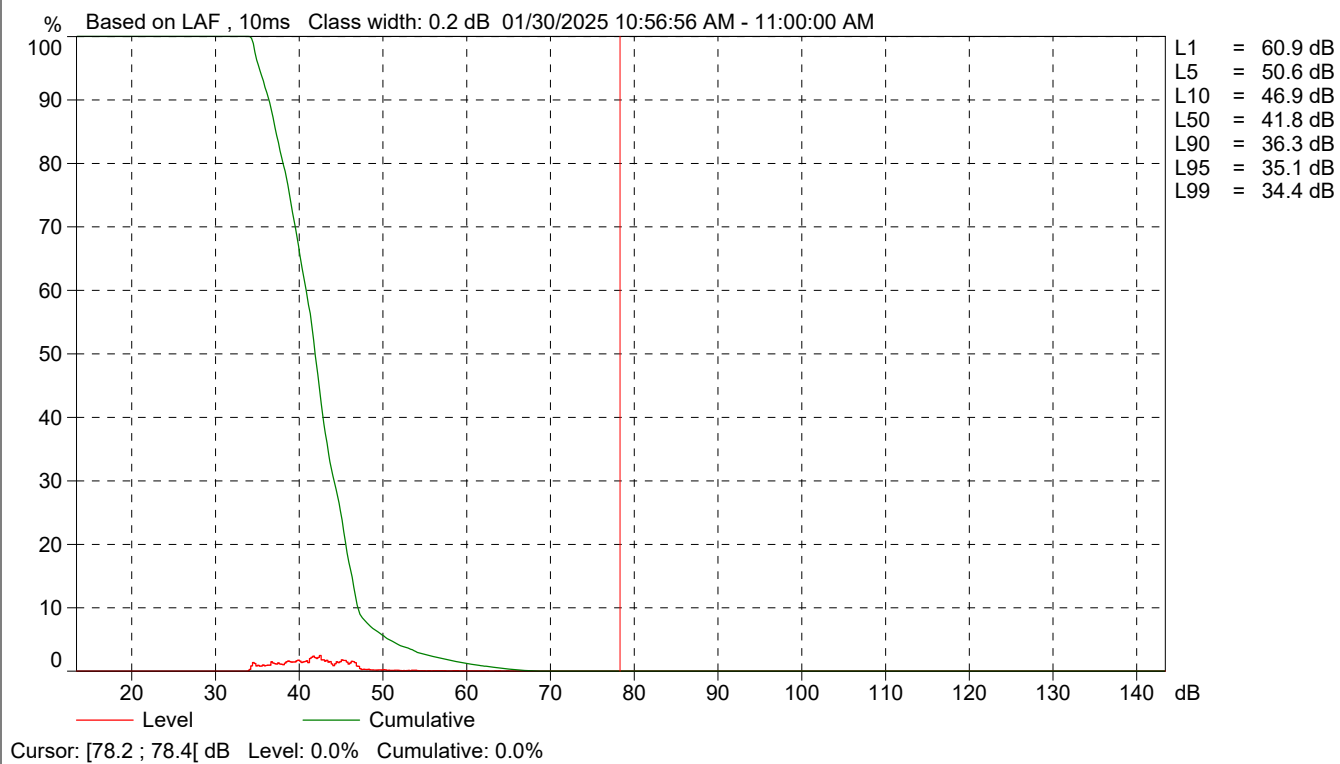
CATA_003 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	56.2	68.6	33.9
Time	10:56:56 AM	0:03:04				
Date	01/30/2025					





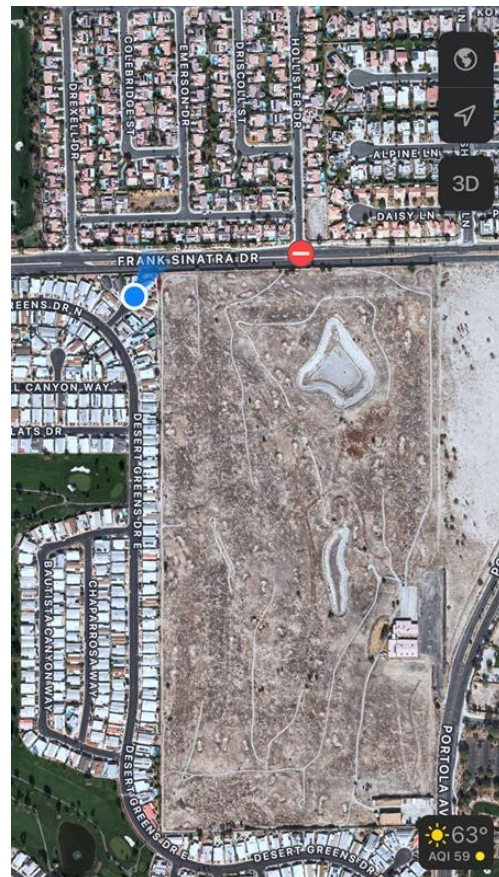
CATA_003 Periodic reports



Site Number: NM-3		
Recorded By: Dennis Dinh, Oscar Escobar		
Job Number: 203638		
Date: 1/30/2025		
Time: 10:39 a.m.		
Location: In front of 38020 Cabin Cir		
Source of Ambient Noise: Wind blowing and vehicle passing along Desert Green Drive		
Noise Data		
L_{eq} (dB)	L_{min} (dB)	L_{max}(dB)
47.2	36.9	60.9

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	06/04/2023	
	Microphone	Brüel & Kjær	4189	3086765	06/04/2023	
	Preamp	Brüel & Kjær	ZC 0032	25380	06/04/2023	
	Calibrator	Brüel & Kjær	4231	2545667	06/04/2023	
Weather Data						
Est.	Duration: 10 minutes			Sky: Sunny		
	Note: dBA Offset = 0.00			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	4		67		29.96	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		01/30/2025 10:39:15
End Time:		01/30/2025 10:49:15
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.15

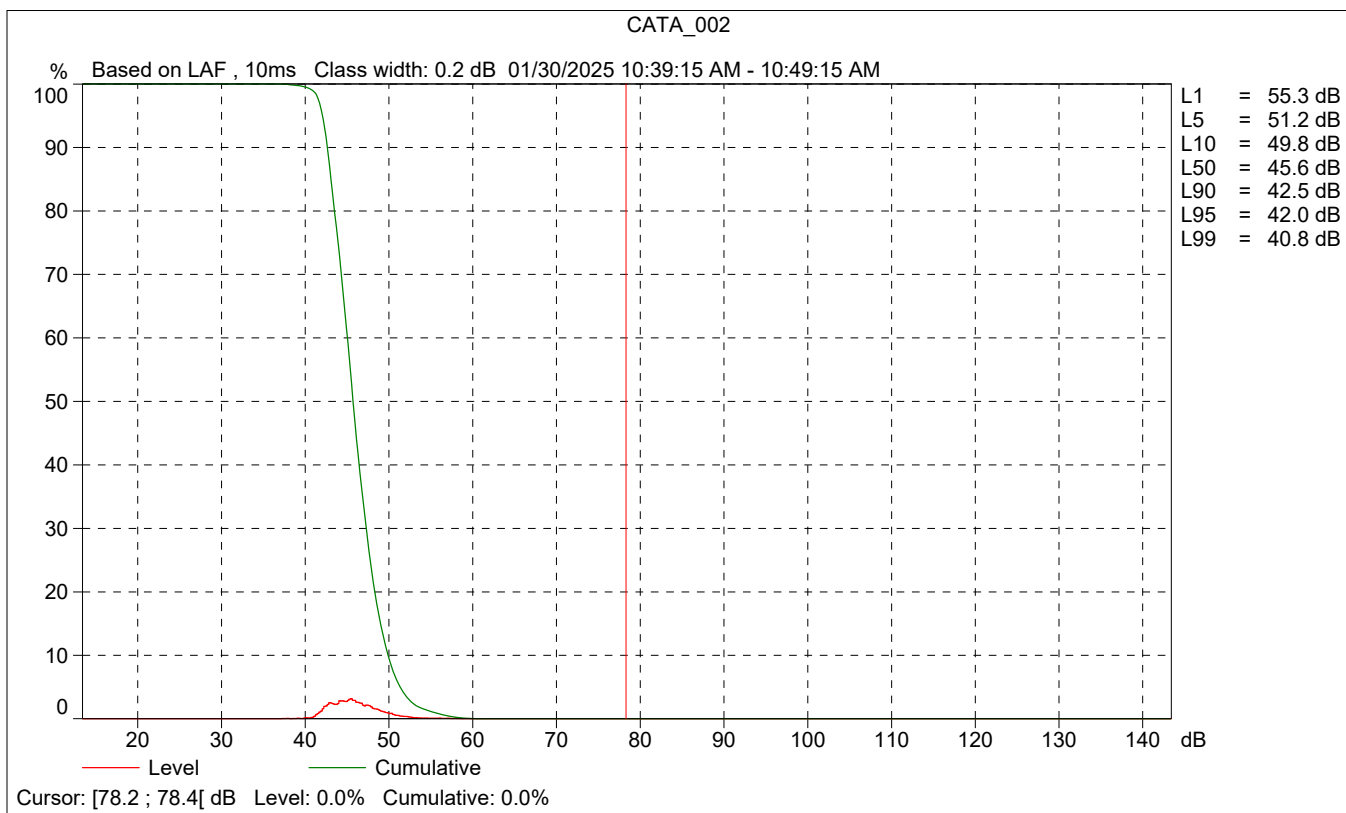
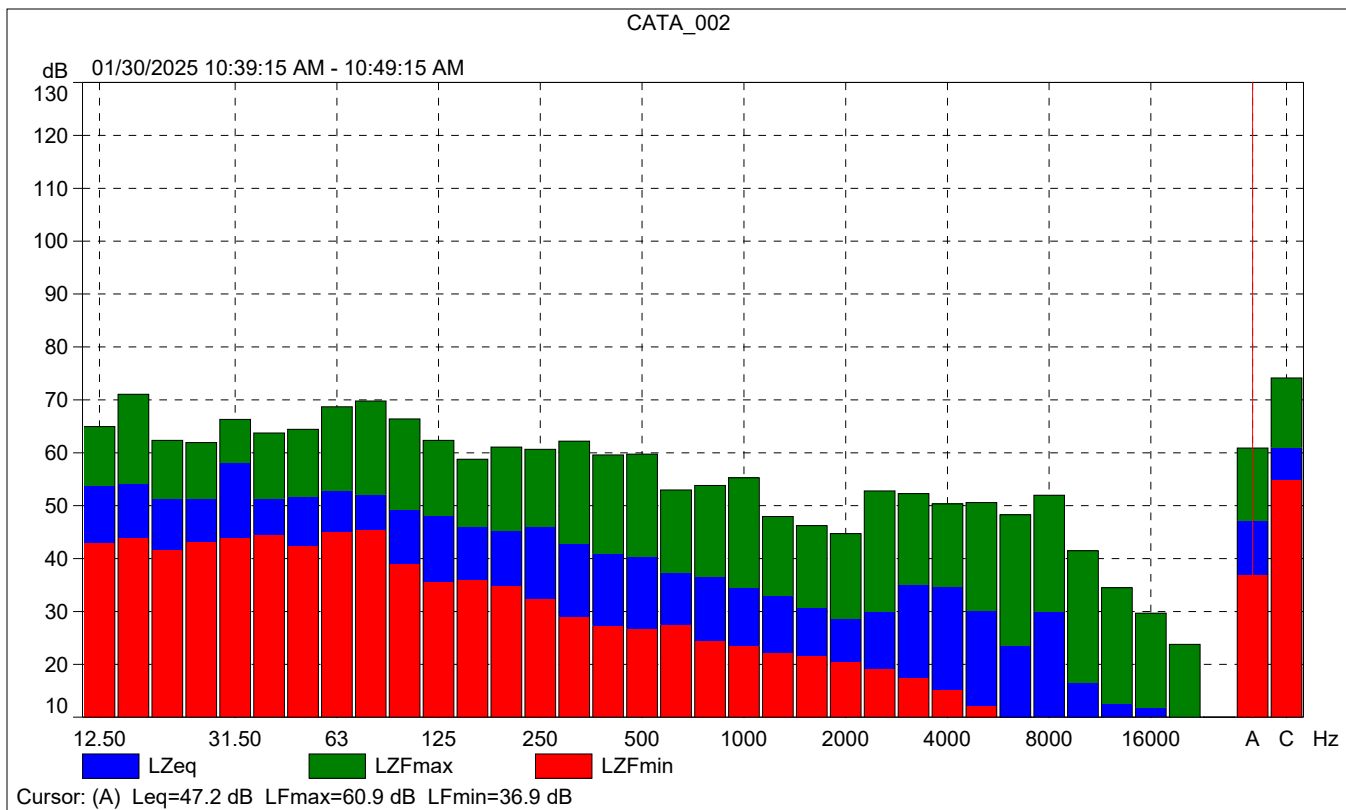
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

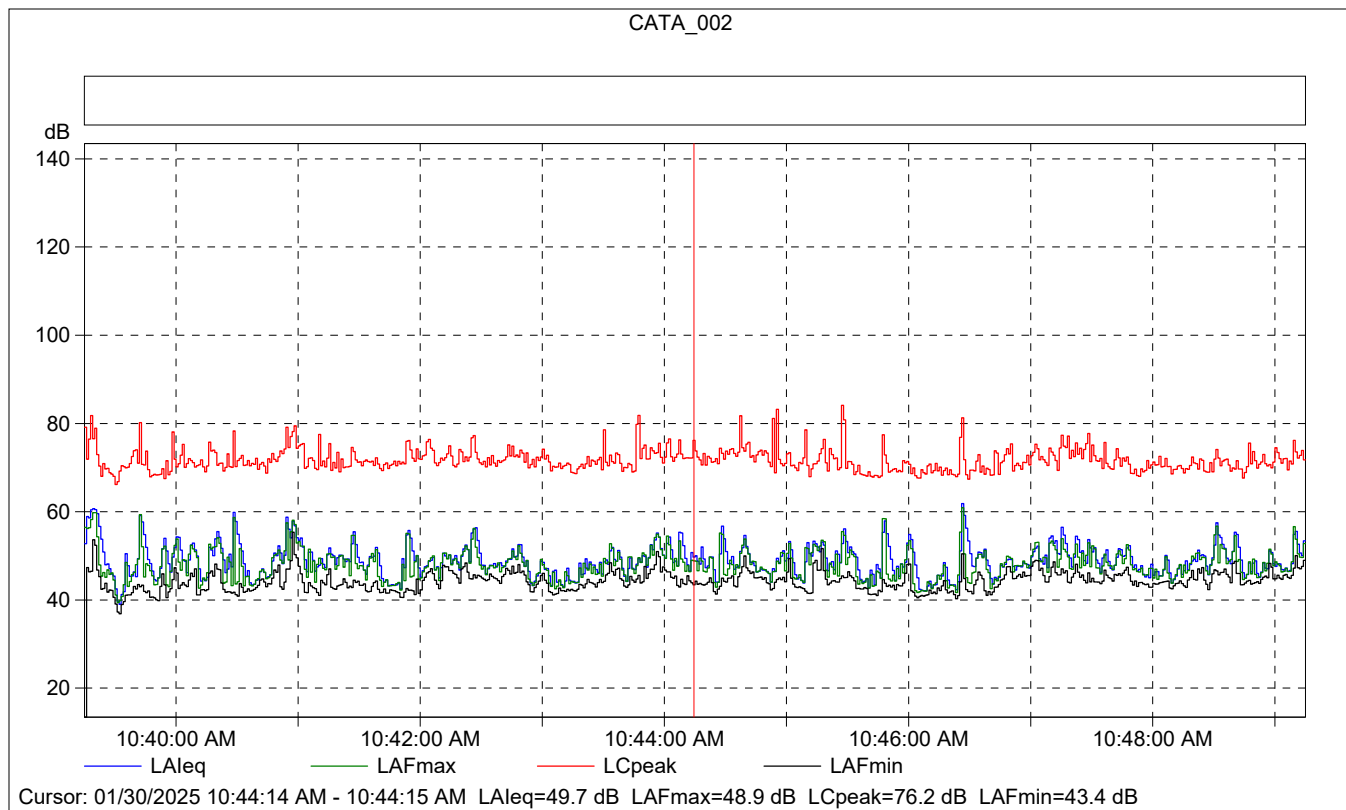
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		01/30/2025 10:13:00
Calibration Type:		External reference
Sensitivity:		43.4635318815708 mV/Pa

CATA_002

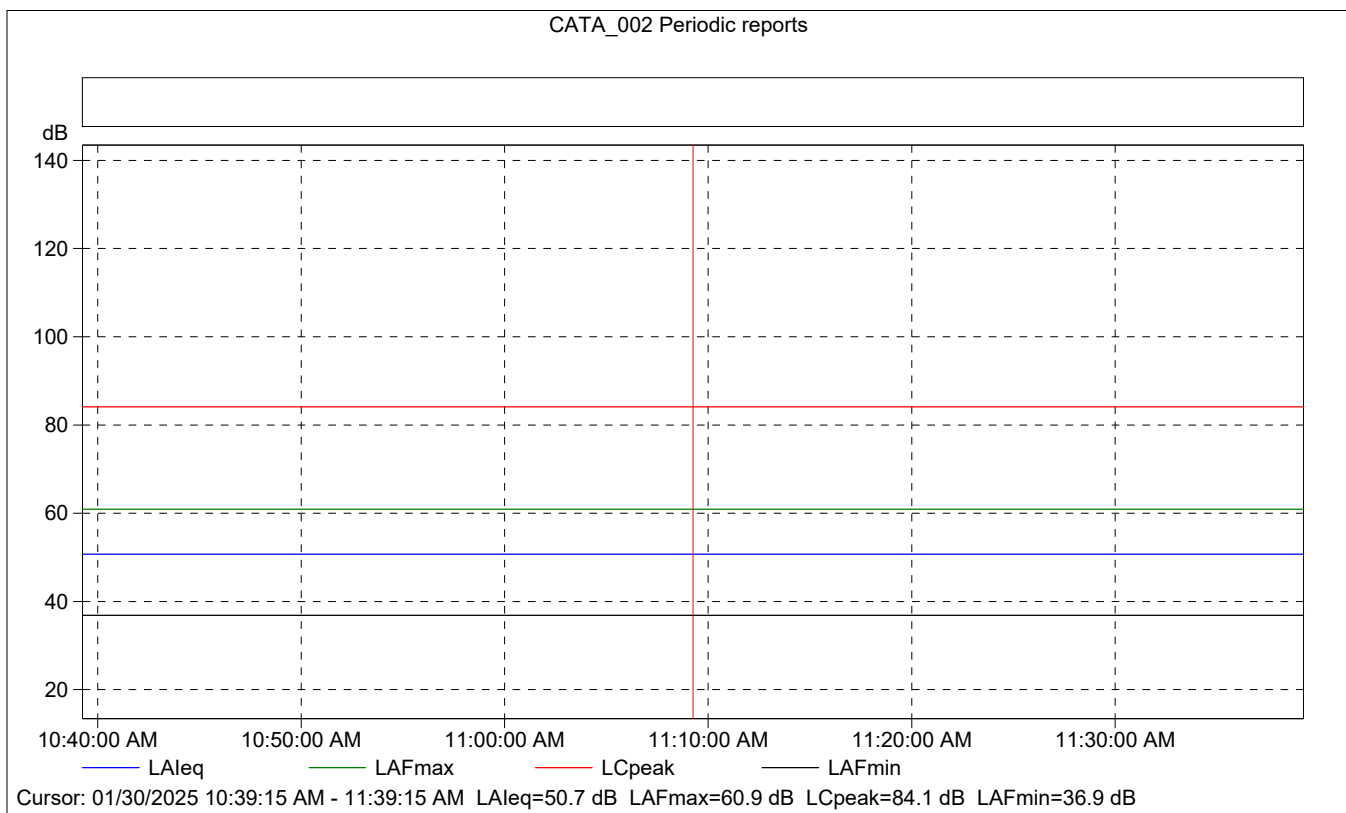
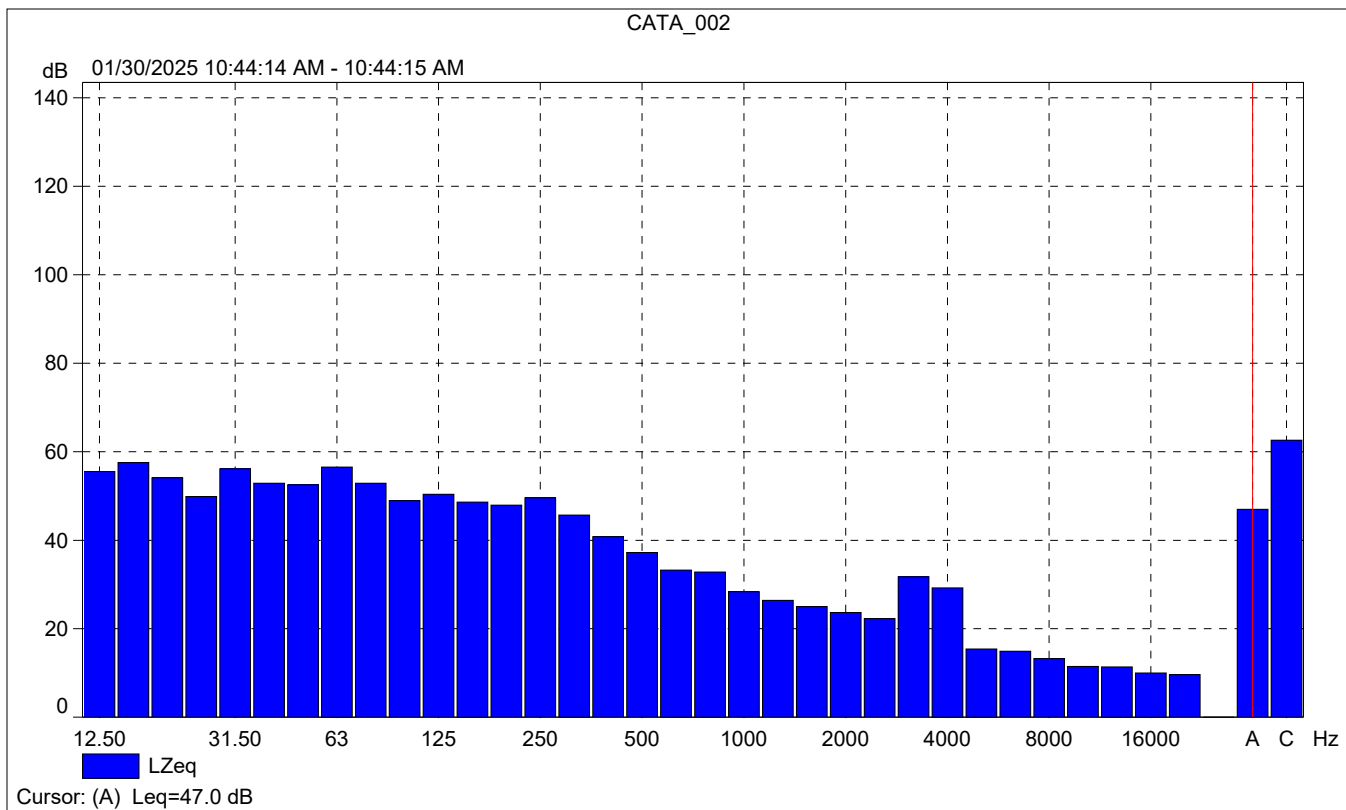
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	47.2	60.9	36.9
Time	10:39:15 AM	10:49:15 AM	0:10:00				
Date	01/30/2025	01/30/2025					





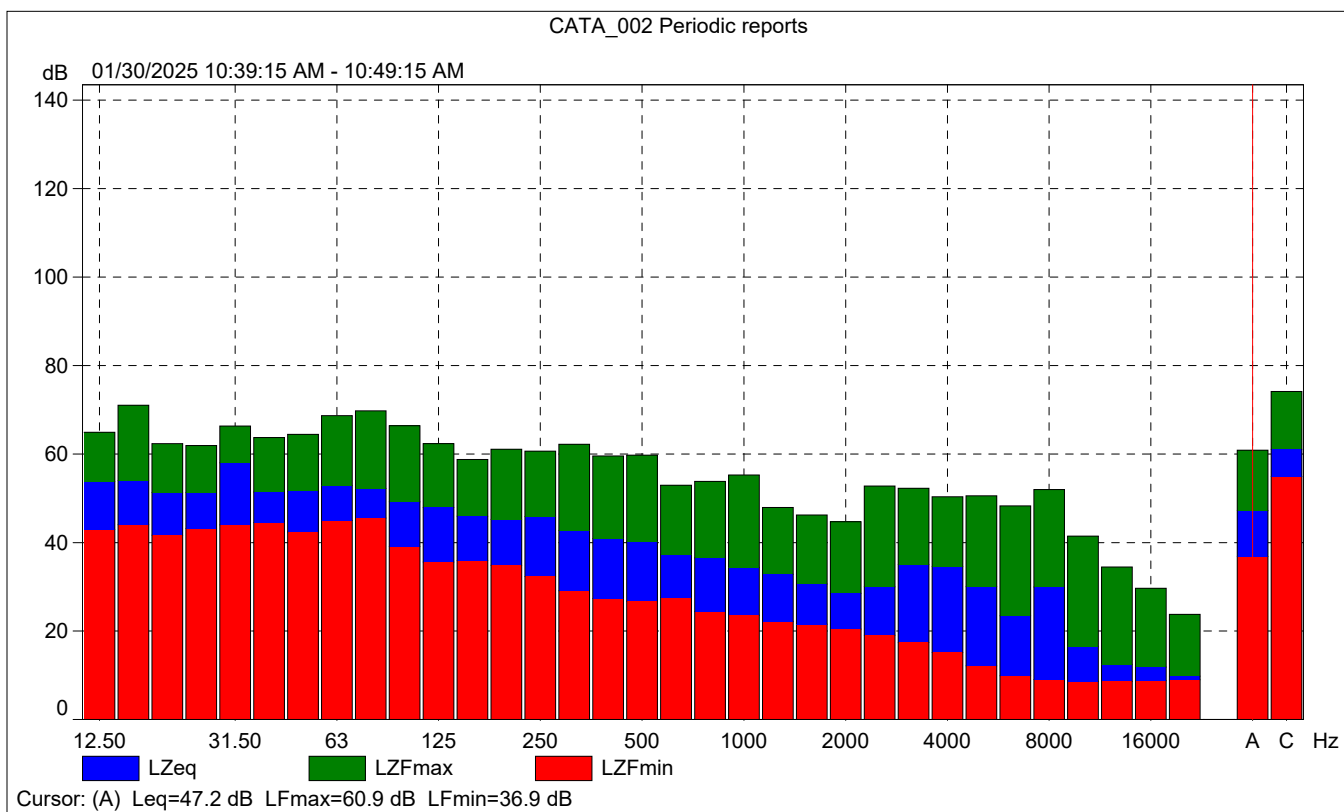
CATA_002

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	49.7	48.9	43.4
Time	10:44:14 AM	0:00:01				
Date	01/30/2025					



CATA_002 Periodic reports

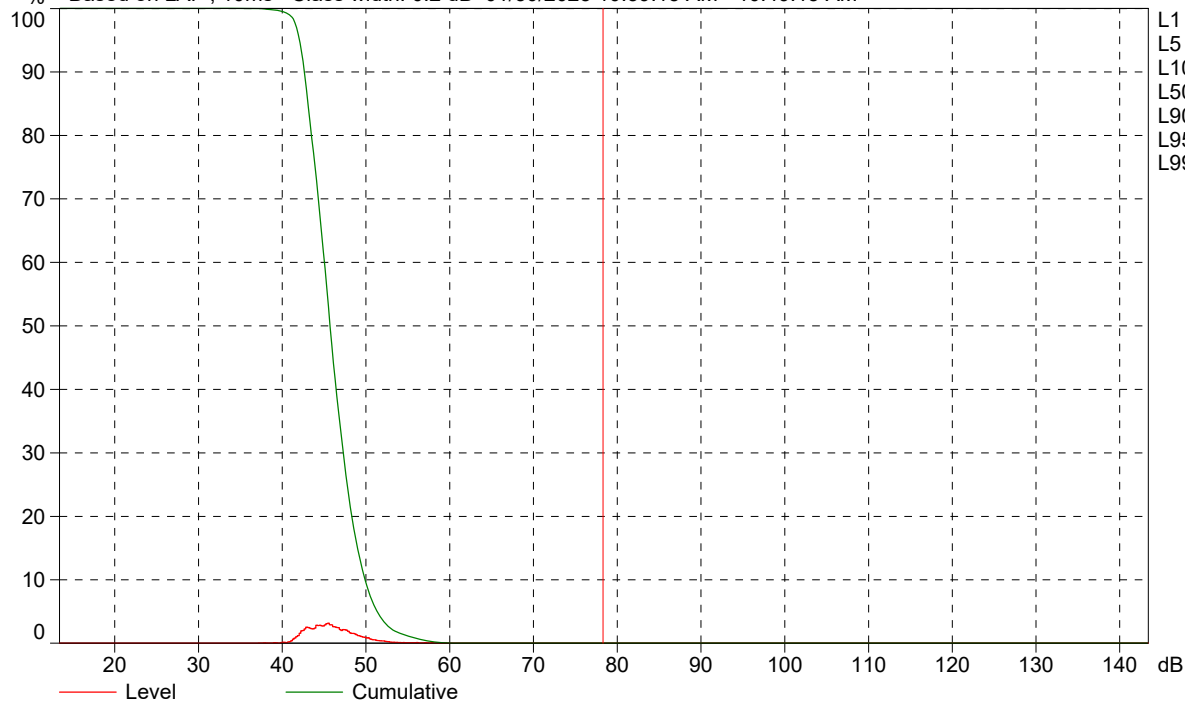
	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	50.7	60.9	36.9
Time	10:39:15 AM	0:10:00				
Date	01/30/2025					





CATA_002 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 01/30/2025 10:39:15 AM - 10:49:15 AM



Cursor: [78.2 ; 78.4] dB Level: 0.0% Cumulative: 0.0%

N/A

