

APPENDIX G

Noise Analysis

Site Number: #1			
Recorded By: Eddie Torres			
Job Number: 176443			
Date: 2/27/2020			
Time: 09:18 A.M.			
Location: 31881 Peppertree Bend			
Source of Peak Noise: Dogs barking and birds.			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
50.3	62.7	47.0	81.8

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	04/08/2019	
	Microphone	Brüel & Kjær	4189	3086765	04/08/2019	
	Preamplifier	Brüel & Kjær	ZC 0032	25380	04/08/2019	
	Calibrator	Brüel & Kjær	4231	2545667	04/08/2019	
Weather Data						
Est.	Duration: 10 minutes			Sky: Sunny/Clear		
	Note: dBA Offset = 0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	0 mph		75.2		42.7	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		02/27/2020 09:18:44
End Time:		02/27/2020 09:28:44
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.09

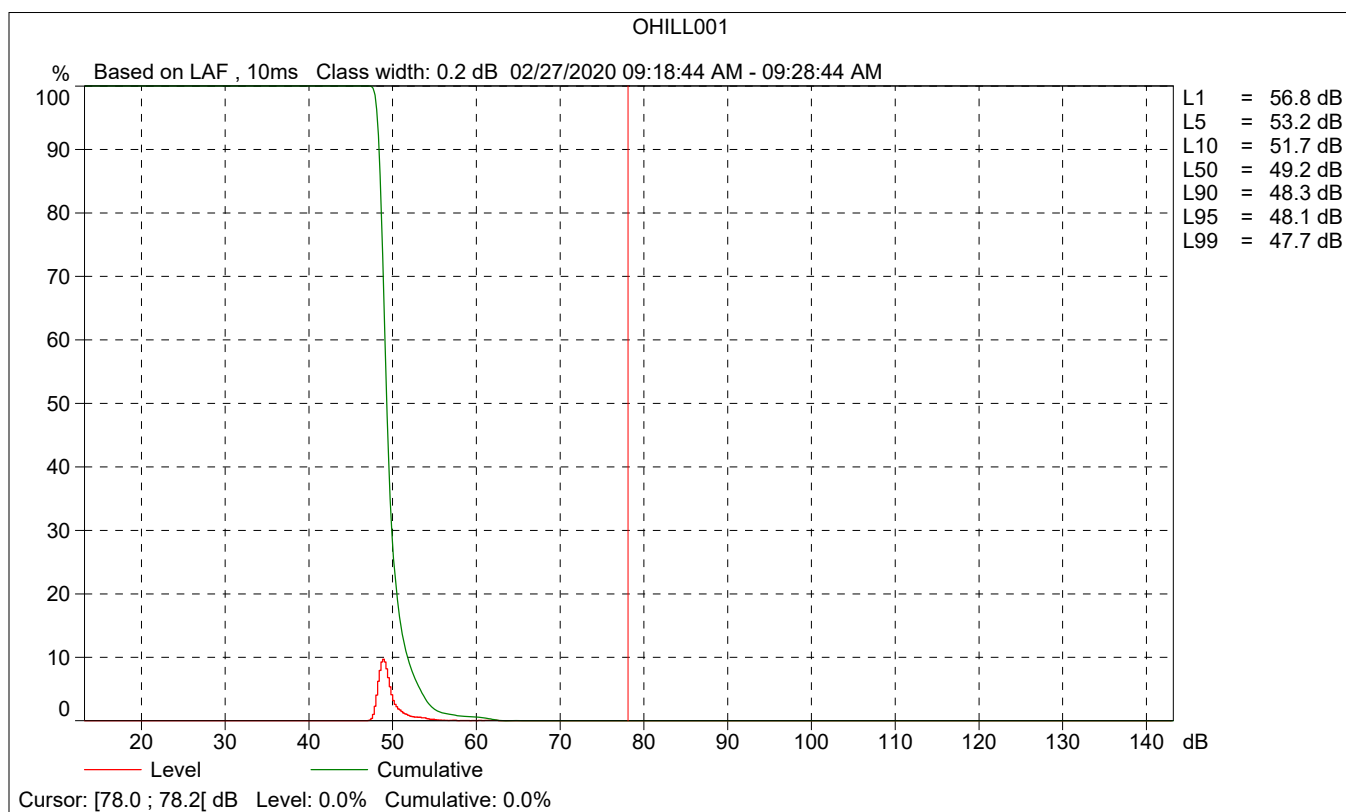
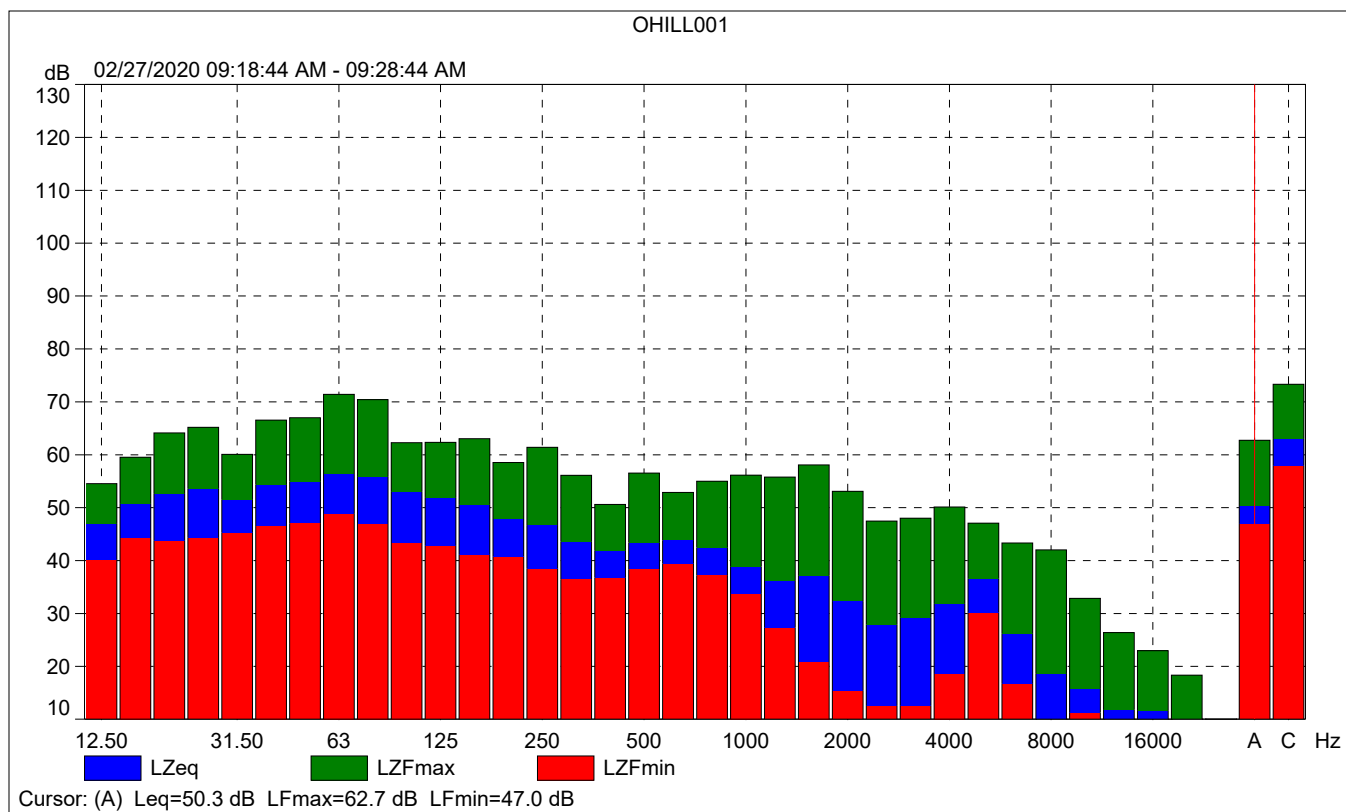
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

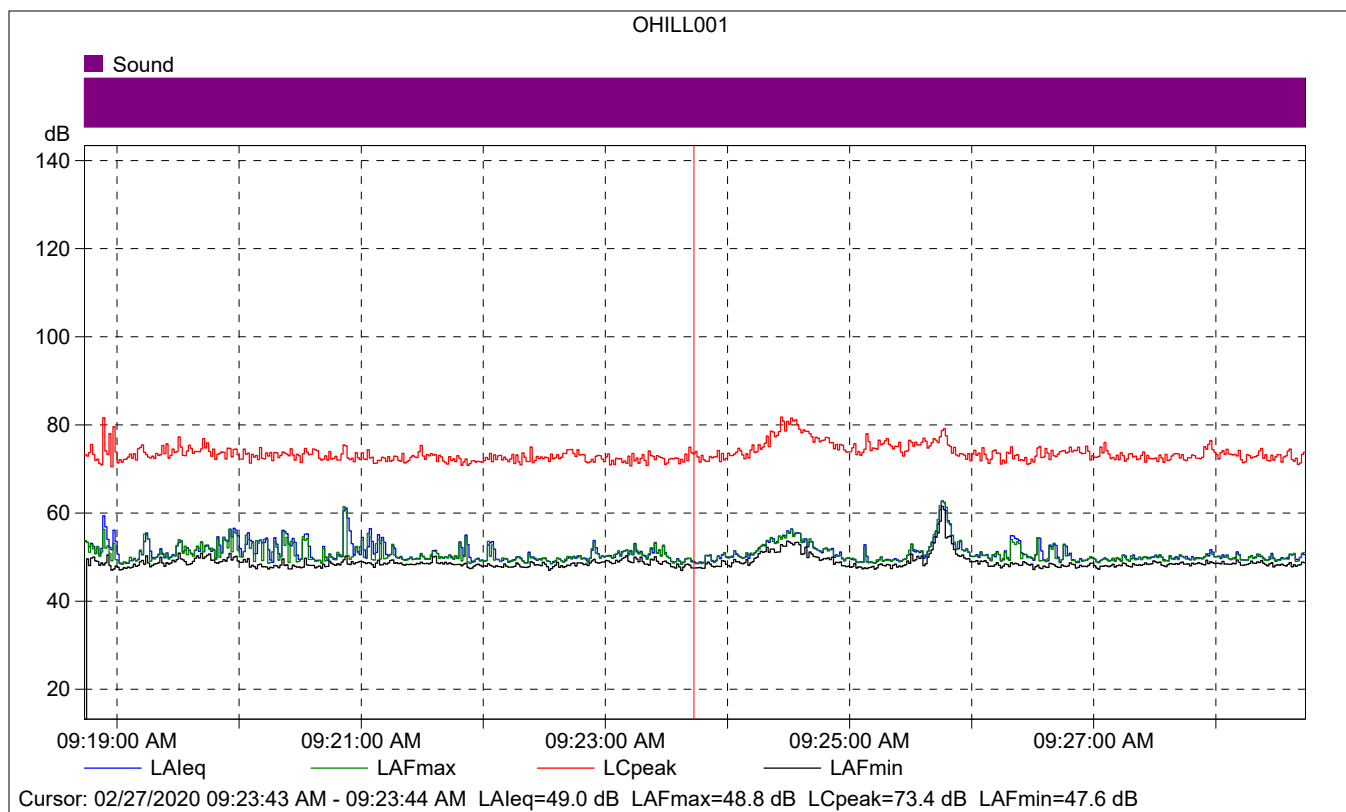
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		02/26/2020 14:29:21
Calibration Type:		External reference
Sensitivity:		43.7839552760124 mV/Pa

OHILL001

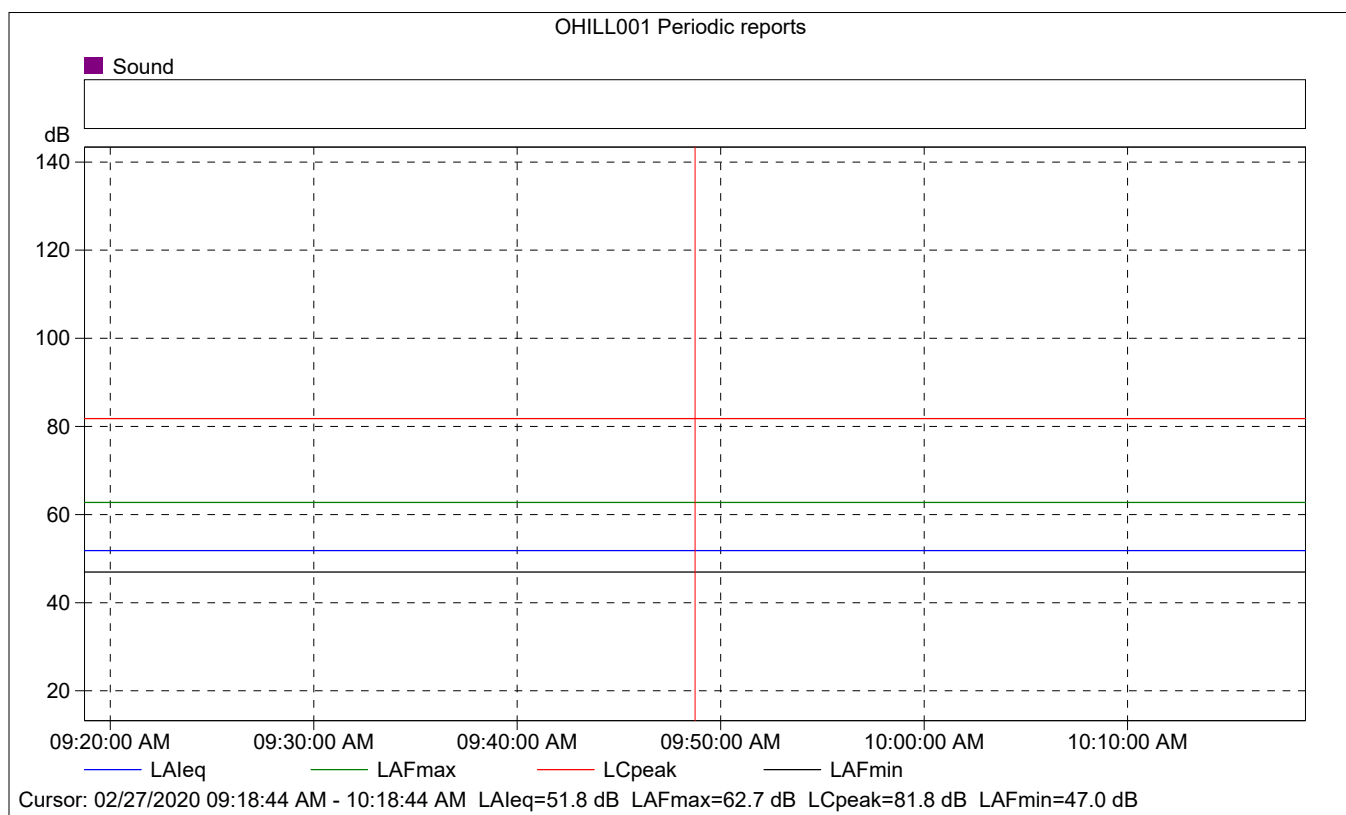
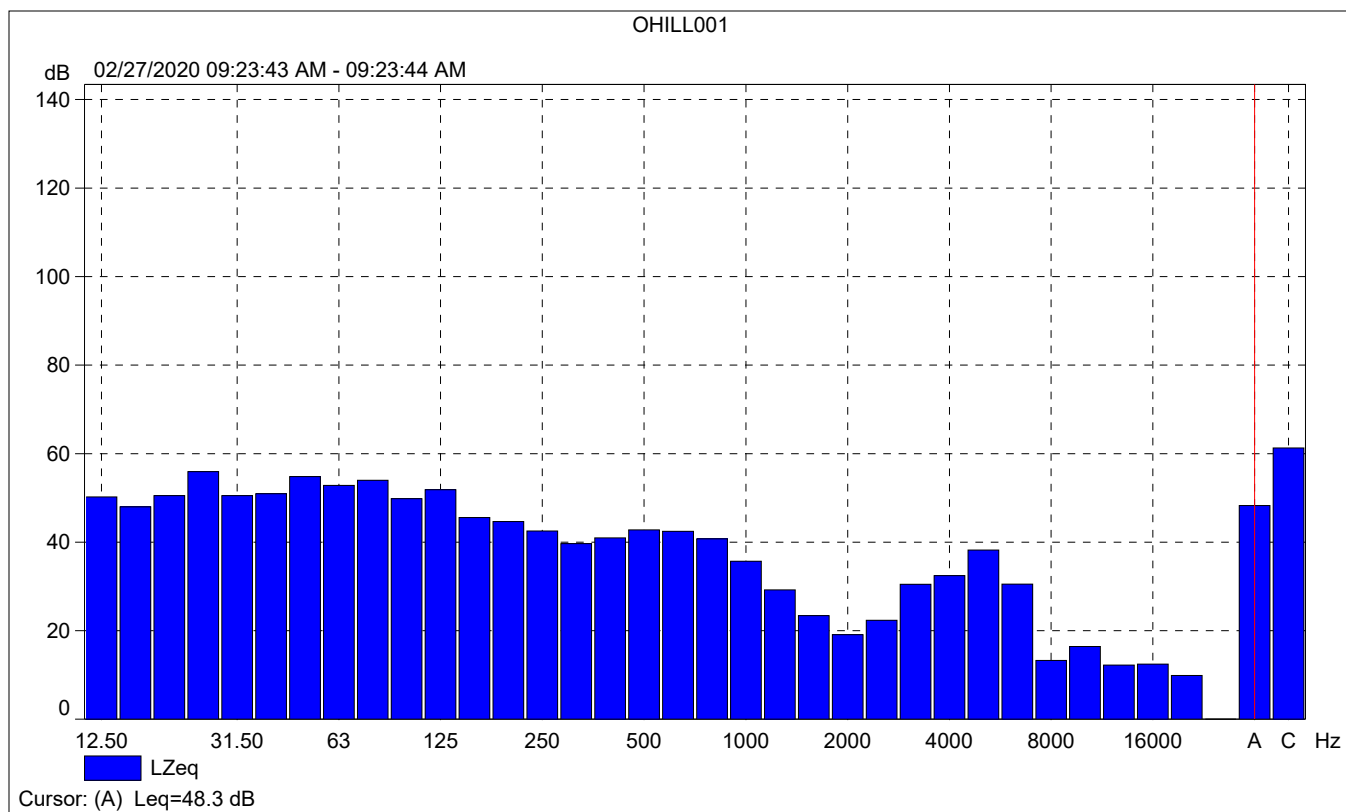
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	50.3	62.7	47.0
Time	09:18:44 AM	09:28:44 AM	0:10:00				
Date	02/27/2020	02/27/2020					





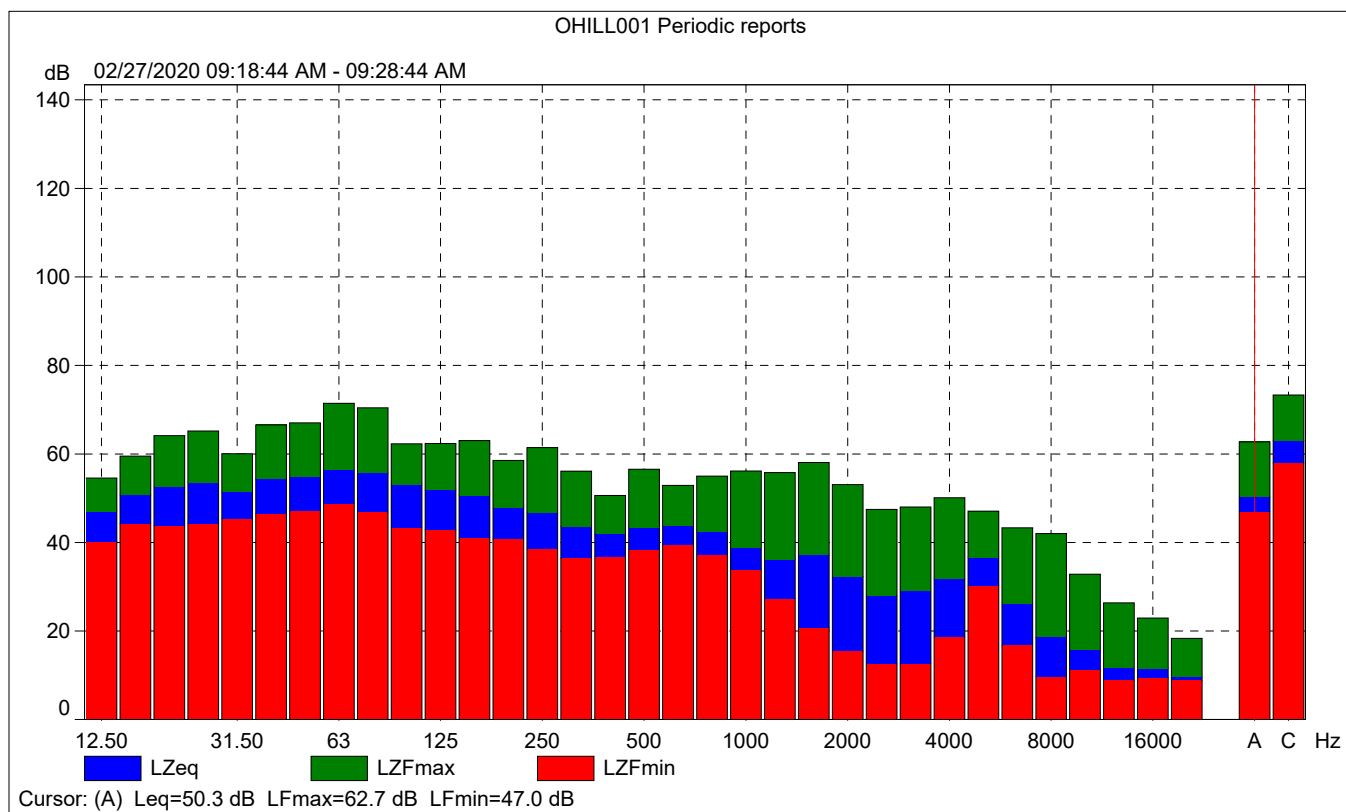
OHILL001

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			49.0	48.8	47.6
Time	09:23:43 AM	0:00:01			
Date	02/27/2020				

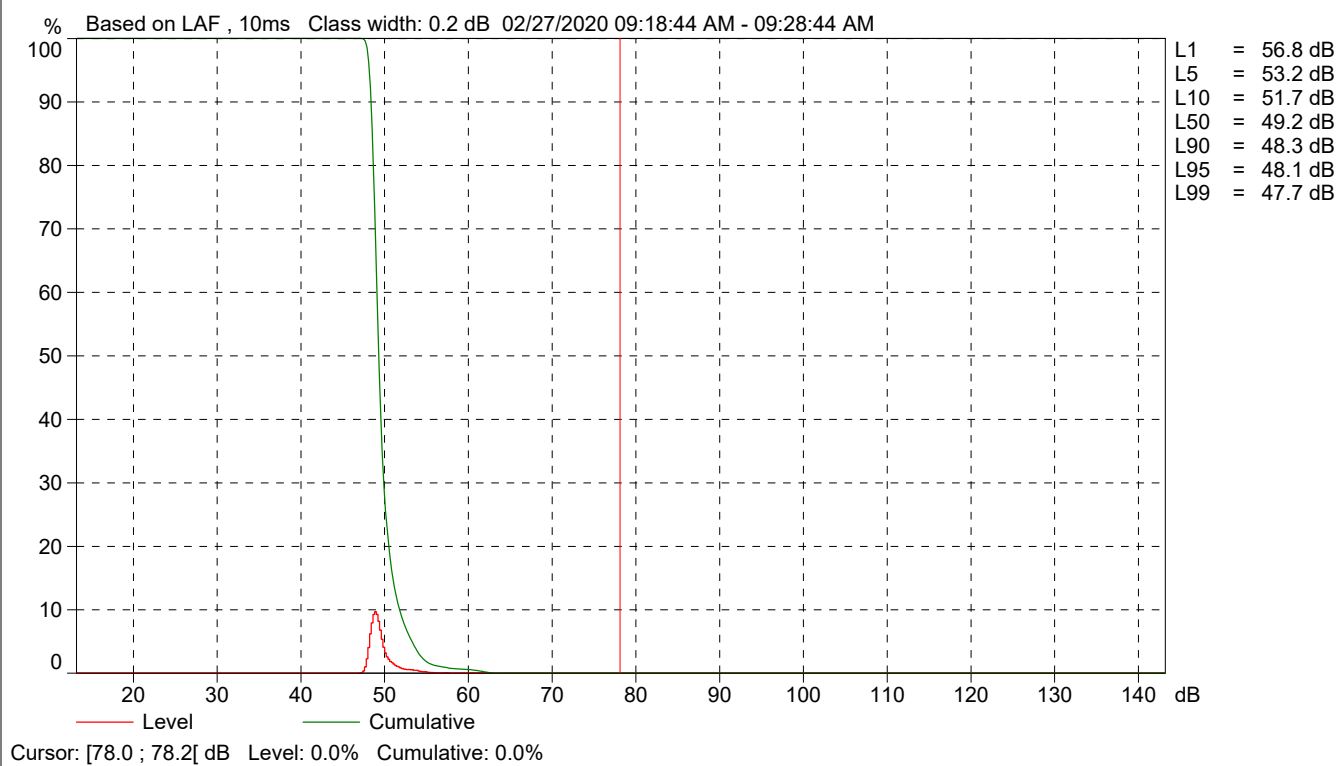


OHILL001 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	51.8	62.7	47.0
Time	09:18:44 AM	0:10:00				
Date	02/27/2020					



OHILL001 Periodic reports



Site Number: #2			
Recorded By: Eddie Torres			
Job Number: 176443			
Date: 2/27/2020			
Time: 09:40 A.M.			
Location: Cul-de-sac of Henley Drive			
Source of Peak Noise: Birds			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
44.8	62.8	37.0	85.0

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	04/08/2019	
	Microphone	Brüel & Kjær	4189	3086765	04/08/2019	
	Preamplifier	Brüel & Kjær	ZC 0032	25380	04/08/2019	
	Calibrator	Brüel & Kjær	4231	2545667	04/08/2019	
Weather Data						
Est.	Duration: 10 minutes			Sky: Sunny/Clear		
	Note: dBA Offset = 0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	0 mph		74.4		34.1	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		02/27/2020 09:40:43
End Time:		02/27/2020 09:50:43
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.09

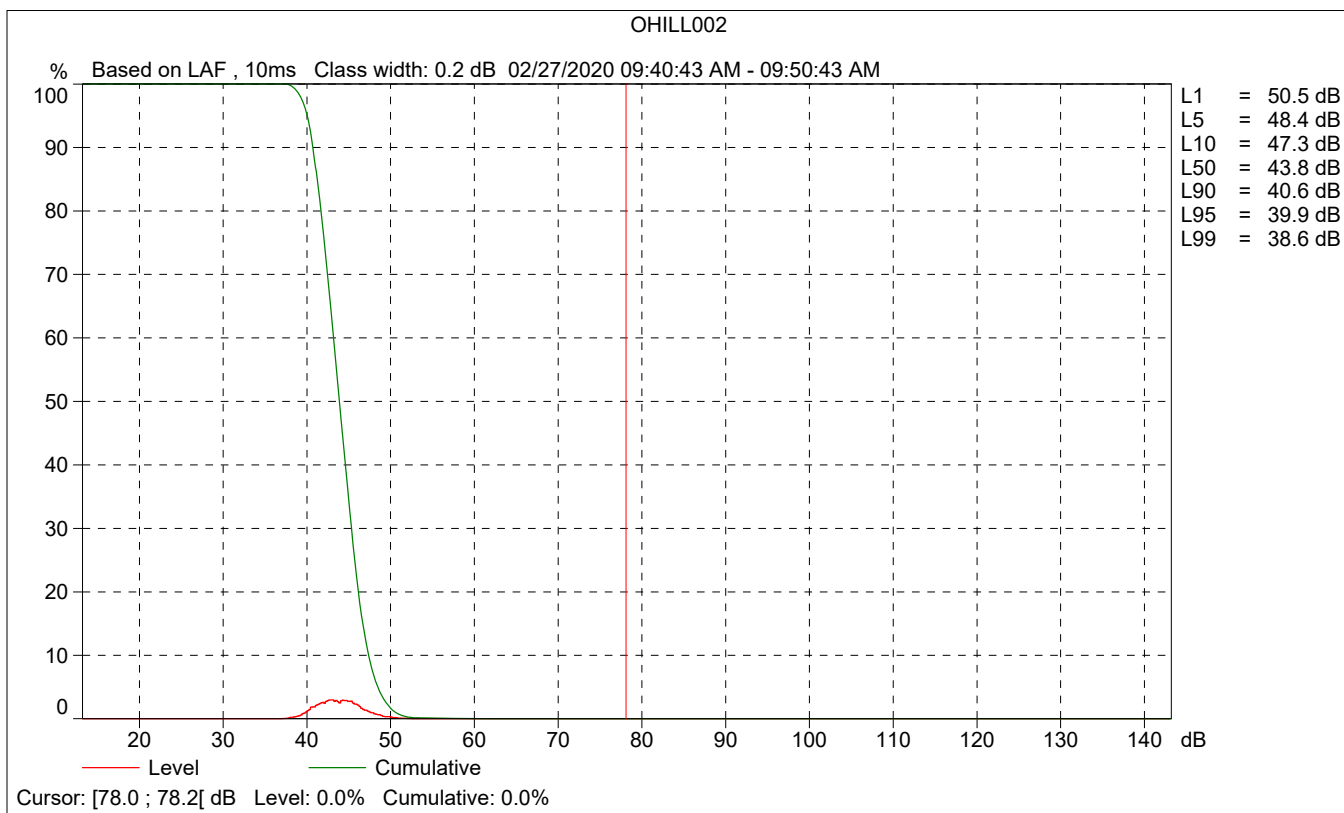
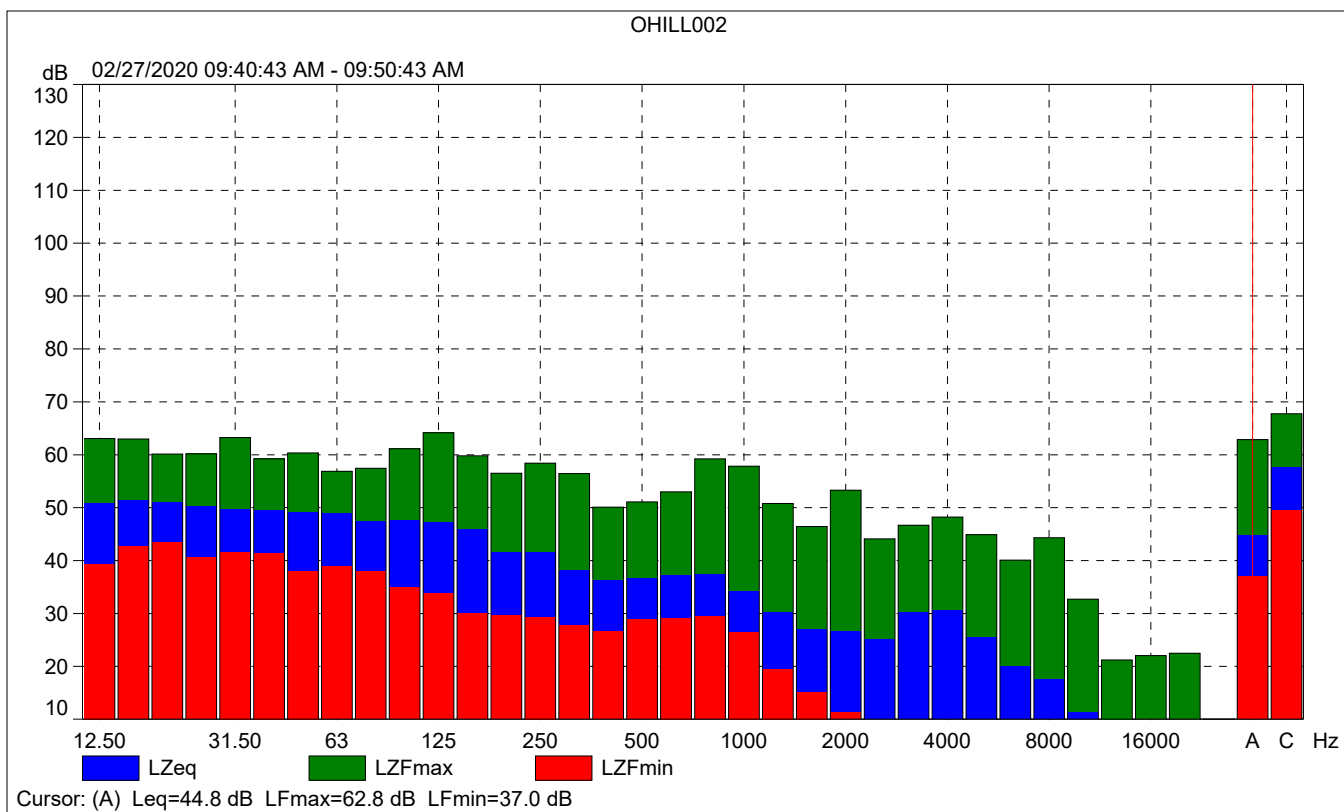
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

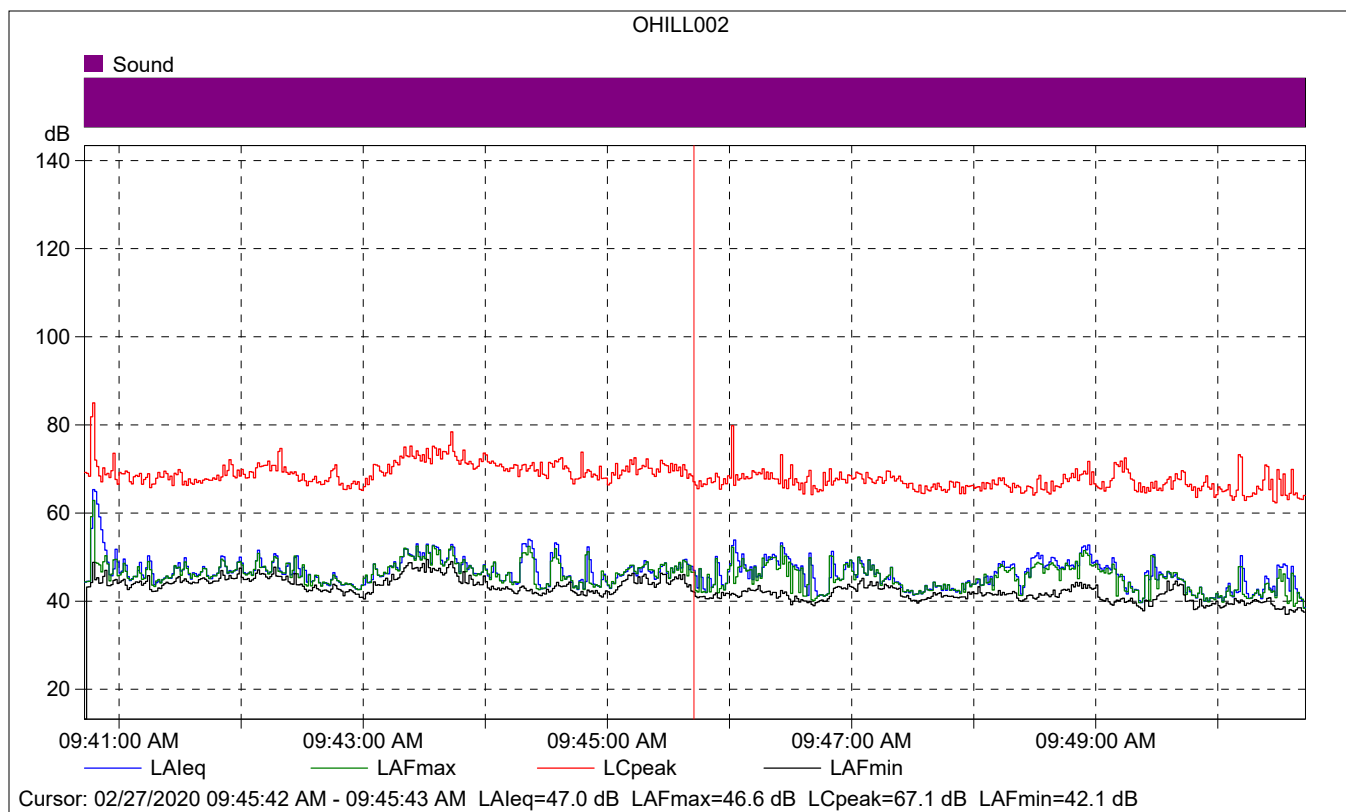
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		02/26/2020 14:29:21
Calibration Type:		External reference
Sensitivity:		43.7839552760124 mV/Pa

OHILL002

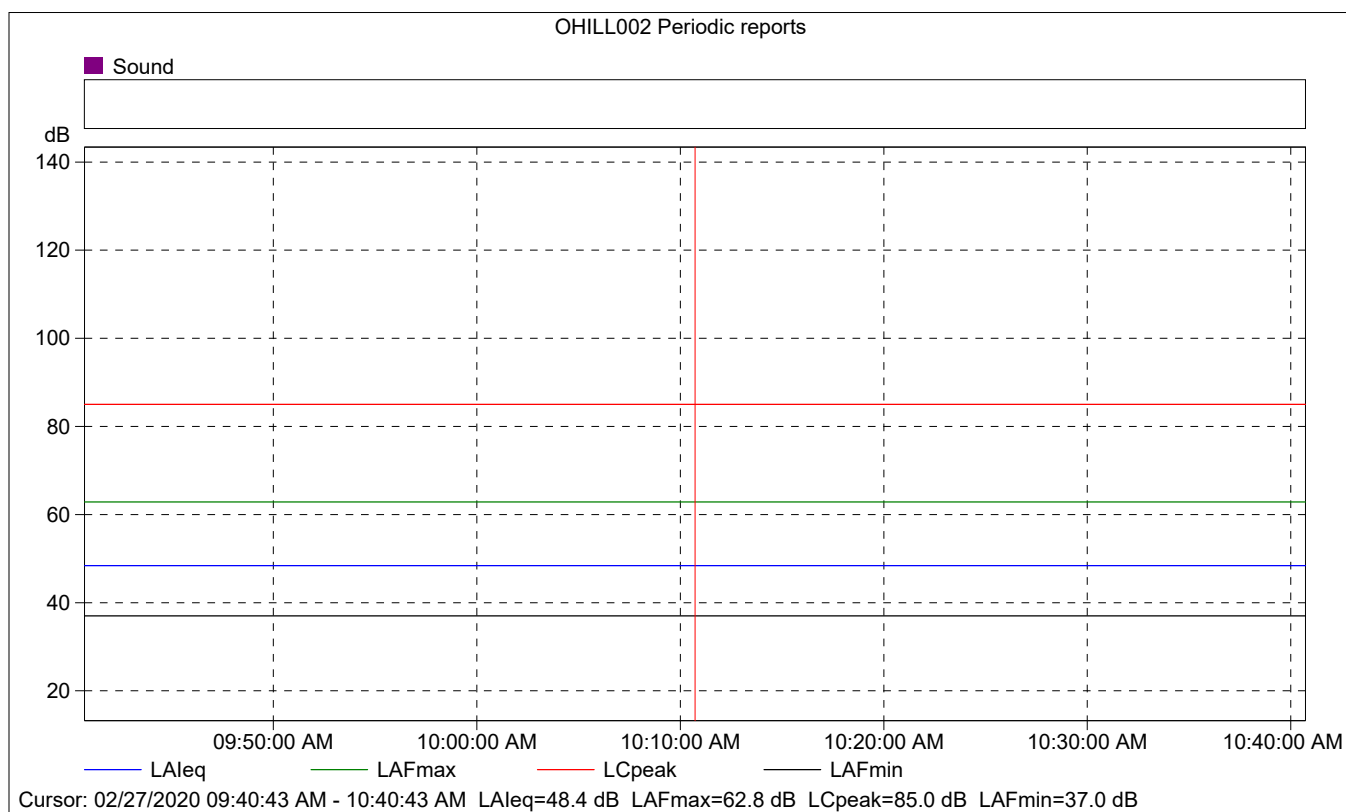
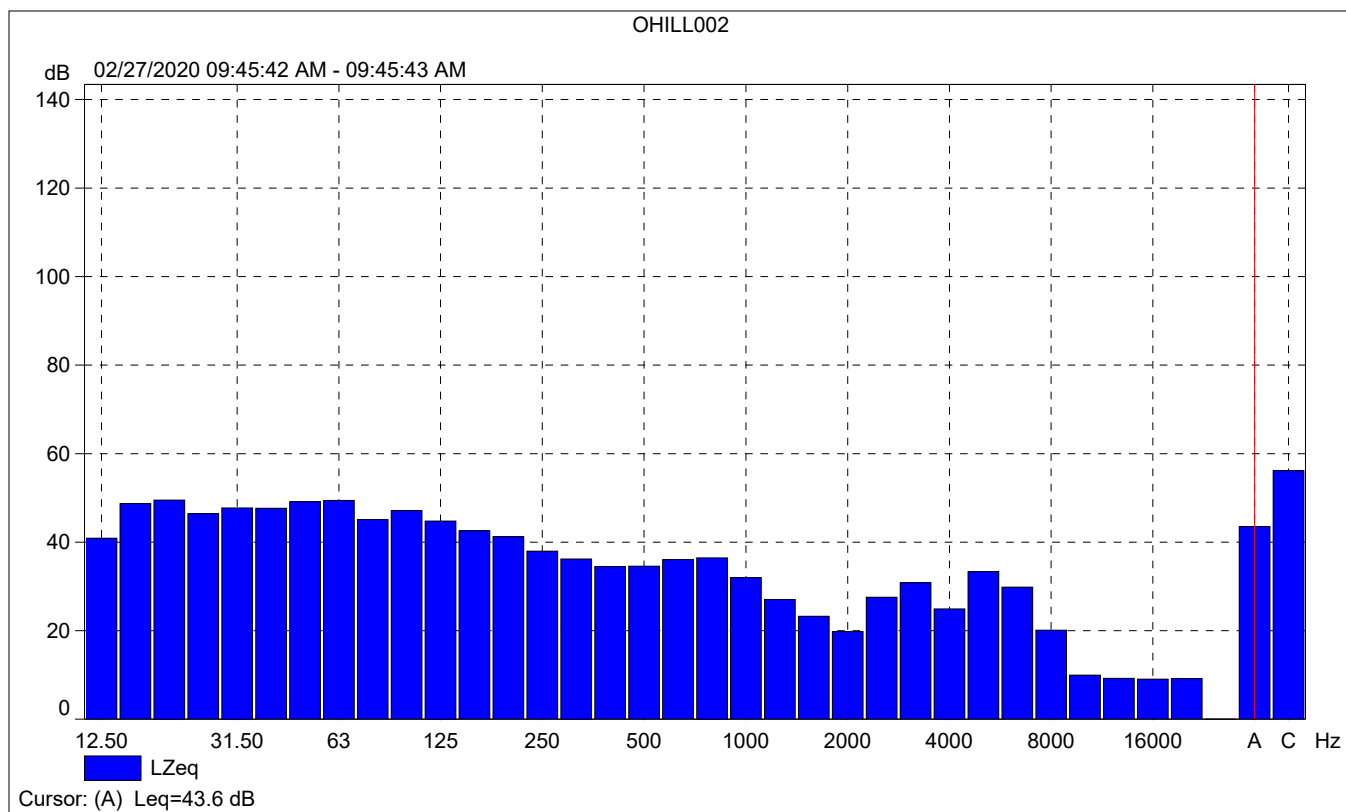
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	44.8	62.8	37.0
Time	09:40:43 AM	09:50:43 AM	0:10:00				
Date	02/27/2020	02/27/2020					





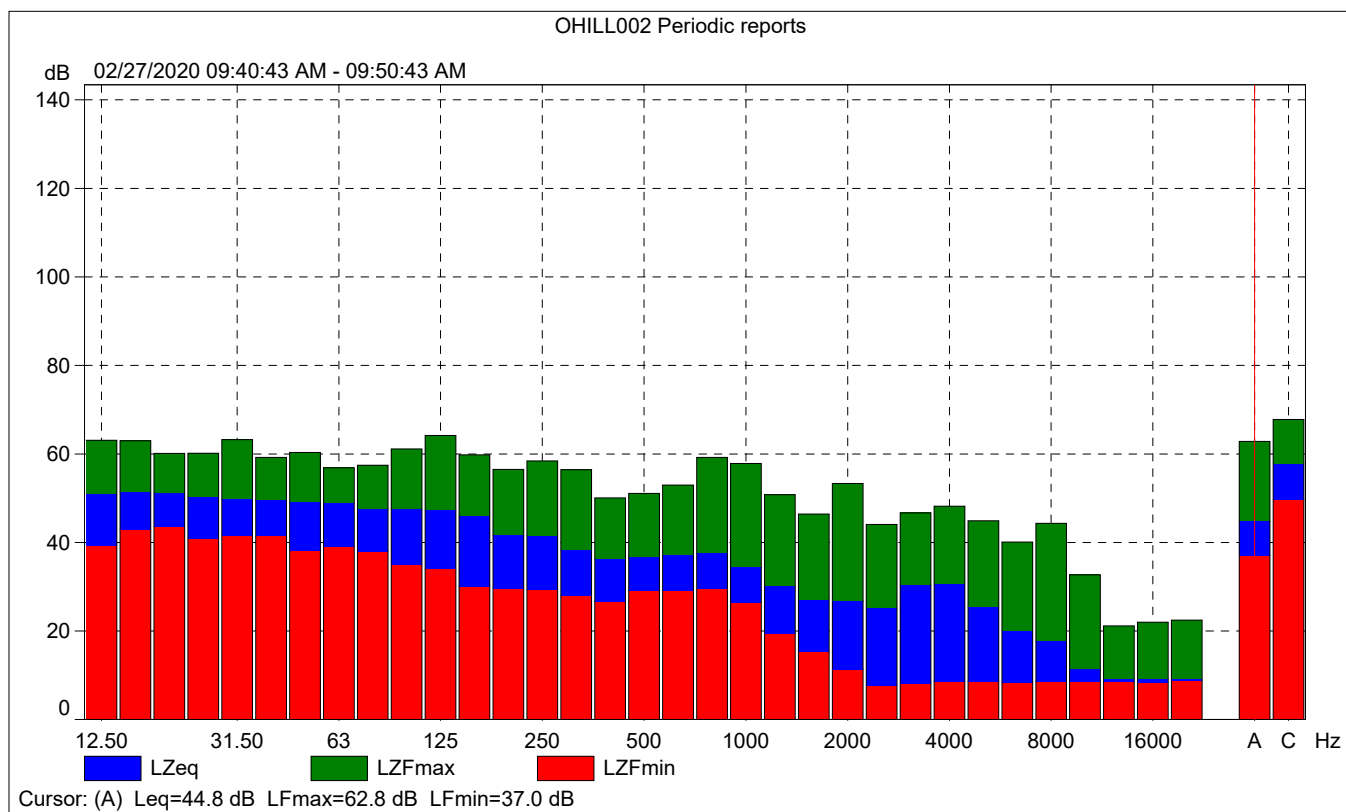
OHILL002

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			47.0	46.6	42.1
Time	09:45:42 AM	0:00:01			
Date	02/27/2020				

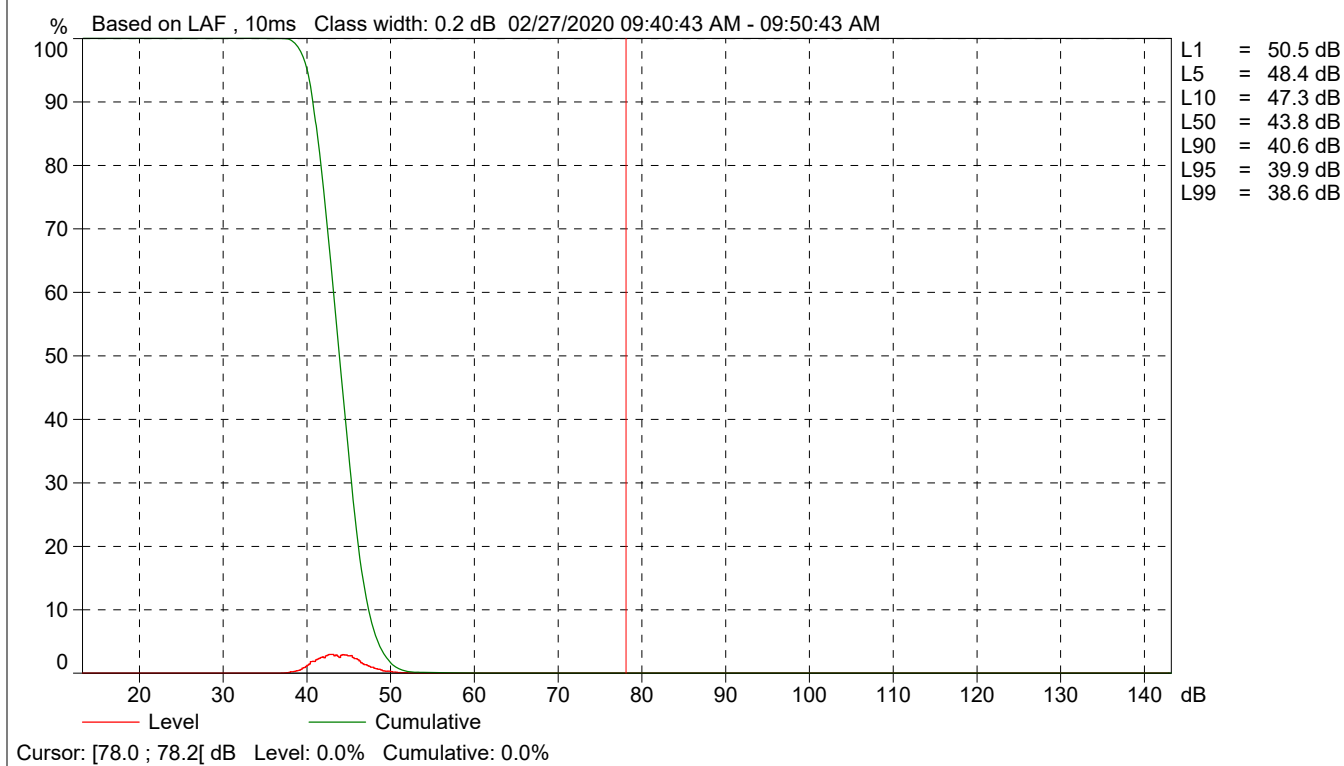


OHILL002 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	48.4	62.8	37.0
Time	09:40:43 AM	0:10:00				
Date	02/27/2020					



OHILL002 Periodic reports



Site Number: #3			
Recorded By: Eddie Torres			
Job Number: 176443			
Date: 2/27/2020			
Time: 10:17 A.M.			
Location: Cul-de-sac of O'Hill Ridge			
Source of Peak Noise: N/A.			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
45.2	55.3	39.9	84.1

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	04/08/2019	
	Microphone	Brüel & Kjær	4189	3086765	04/08/2019	
	Preamplifier	Brüel & Kjær	ZC 0032	25380	04/08/2019	
	Calibrator	Brüel & Kjær	4231	2545667	04/08/2019	
Weather Data						
Est.	Duration: 10 minutes			Sky: Sunny/Clear		
	Note: dBA Offset = 0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	1.0 mph		80.7		42.5	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		02/27/2020 10:17:06
End Time:		02/27/2020 10:27:06
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.09

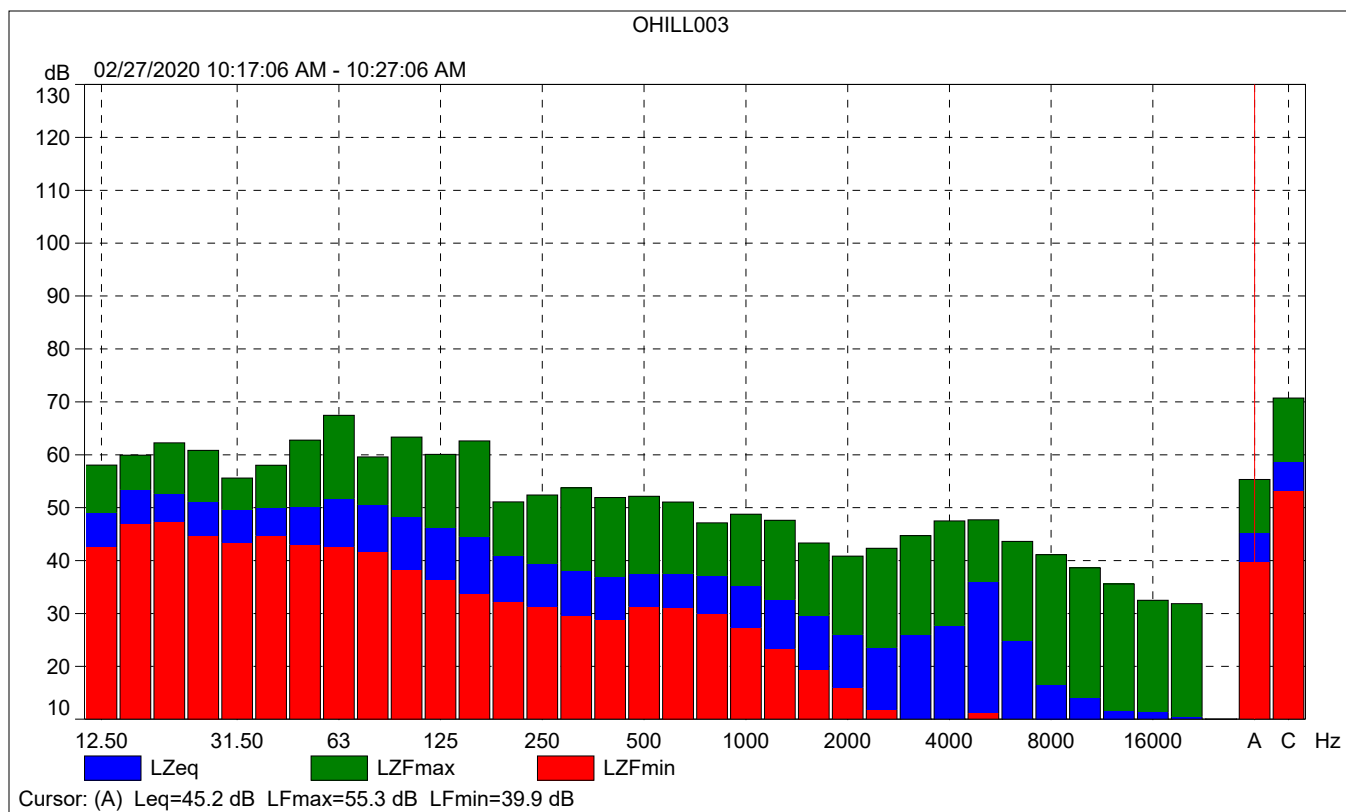
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

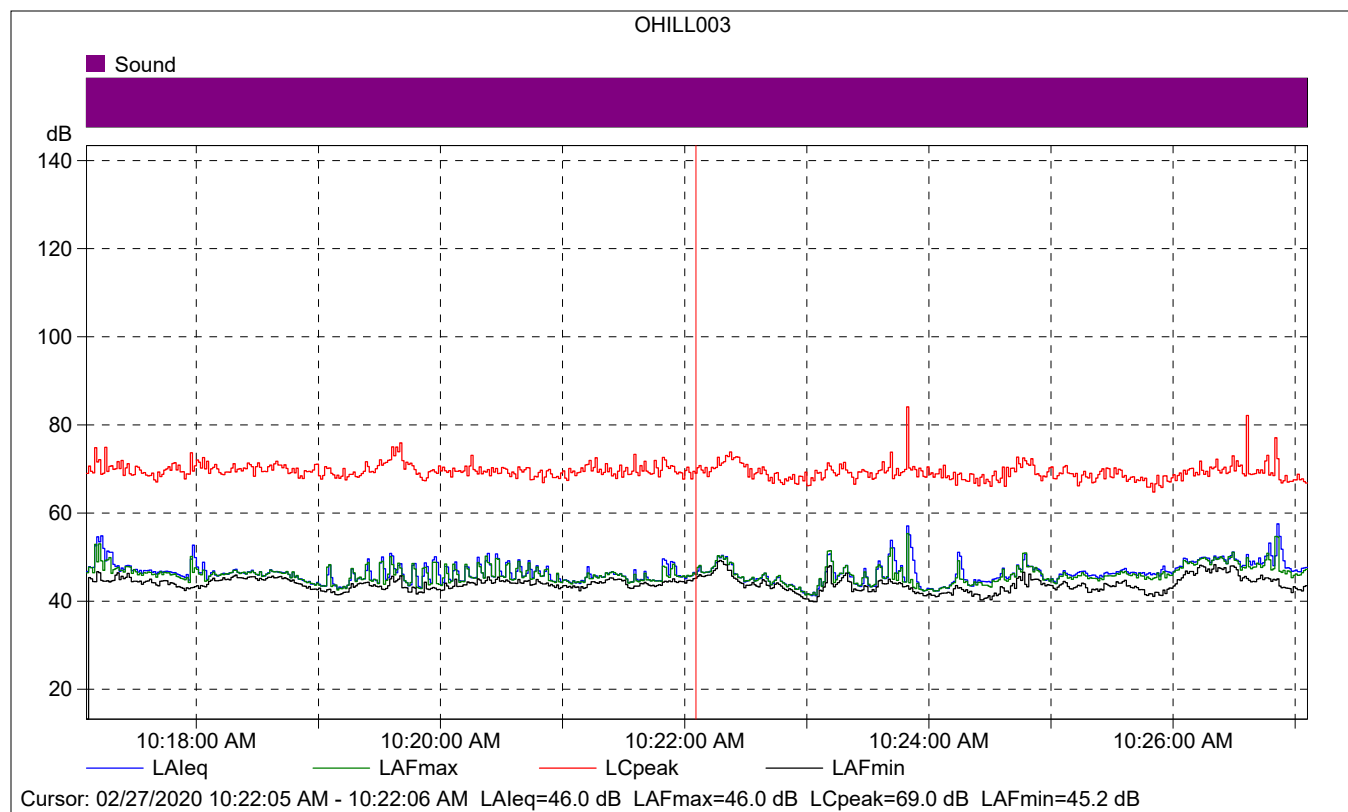
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		02/26/2020 14:29:21
Calibration Type:		External reference
Sensitivity:		43.7839552760124 mV/Pa

OHILL003

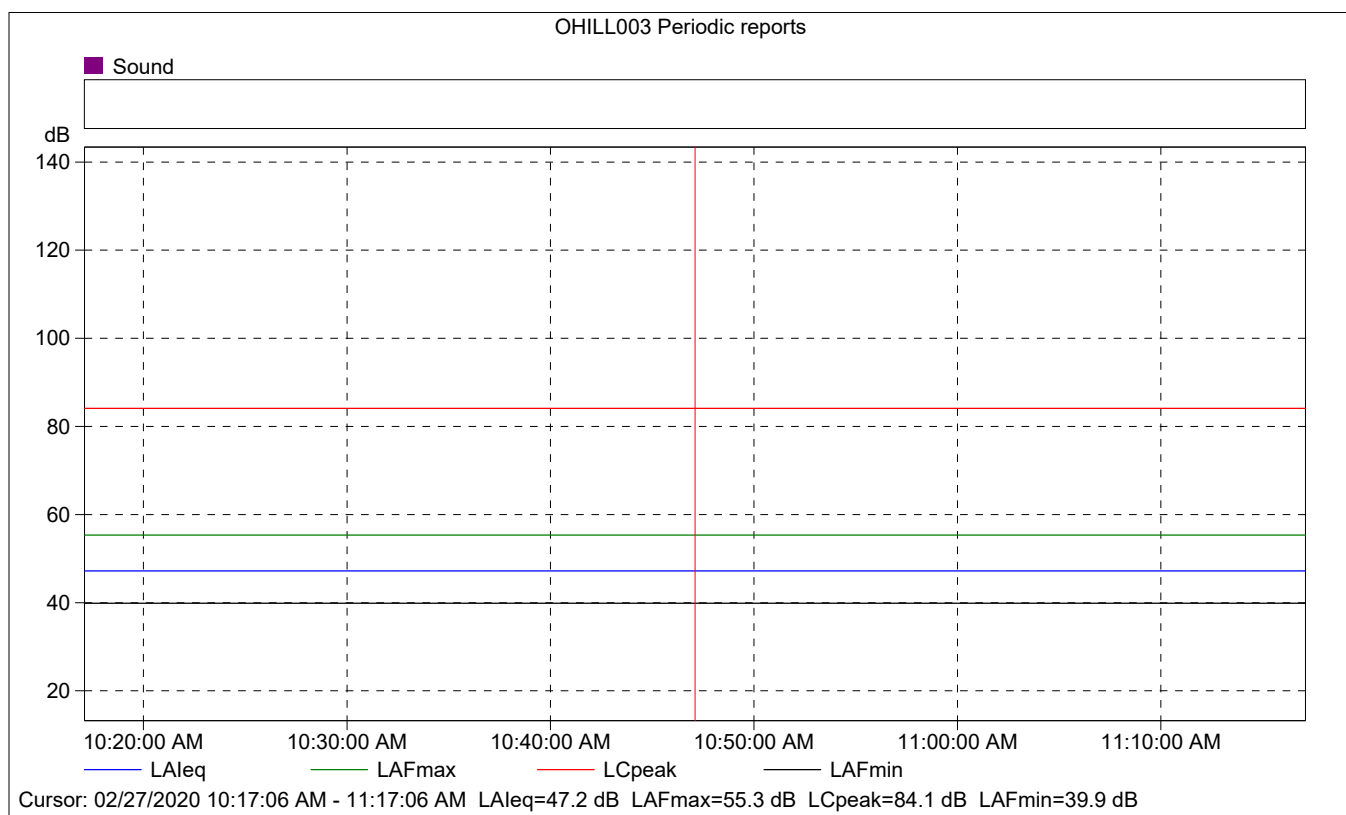
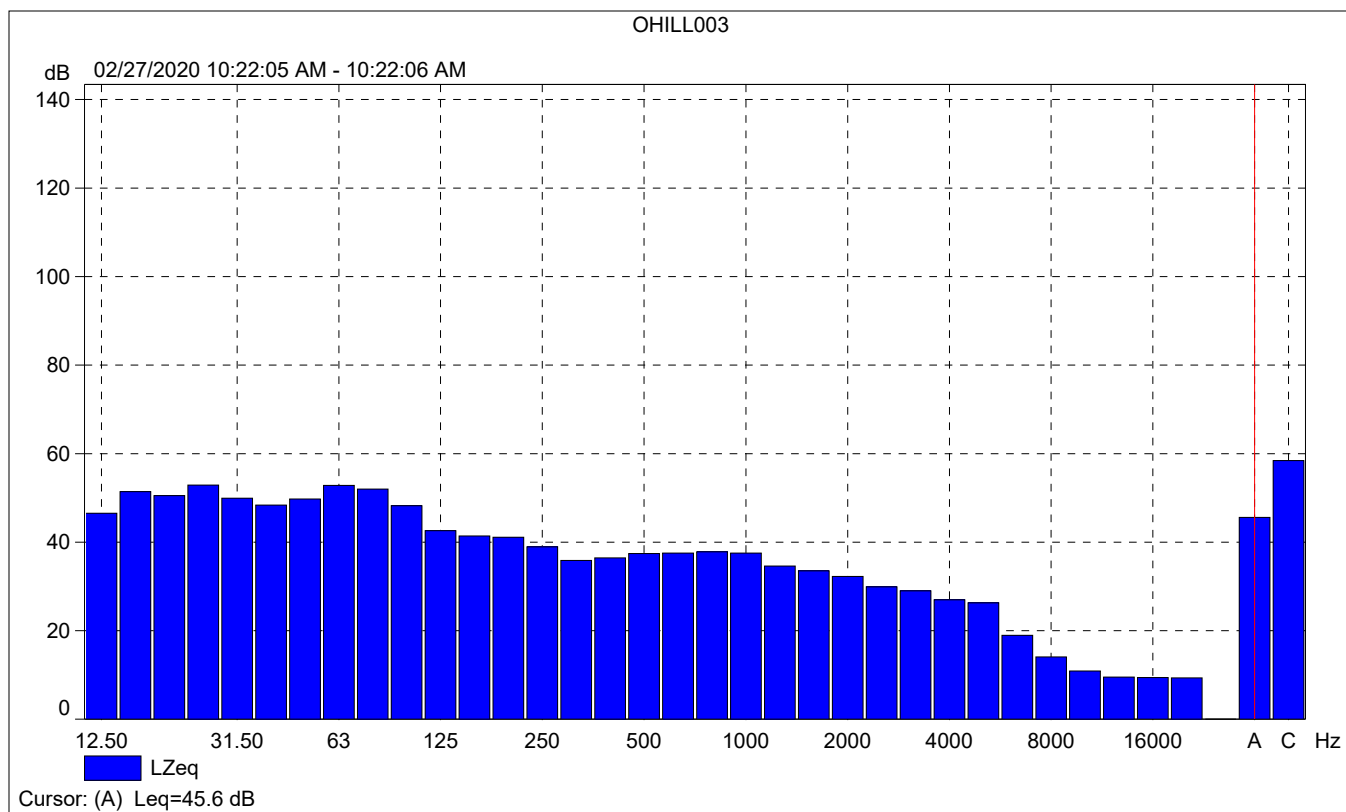
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	45.2	55.3	39.9
Time	10:17:06 AM	10:27:06 AM	0:10:00				
Date	02/27/2020	02/27/2020					





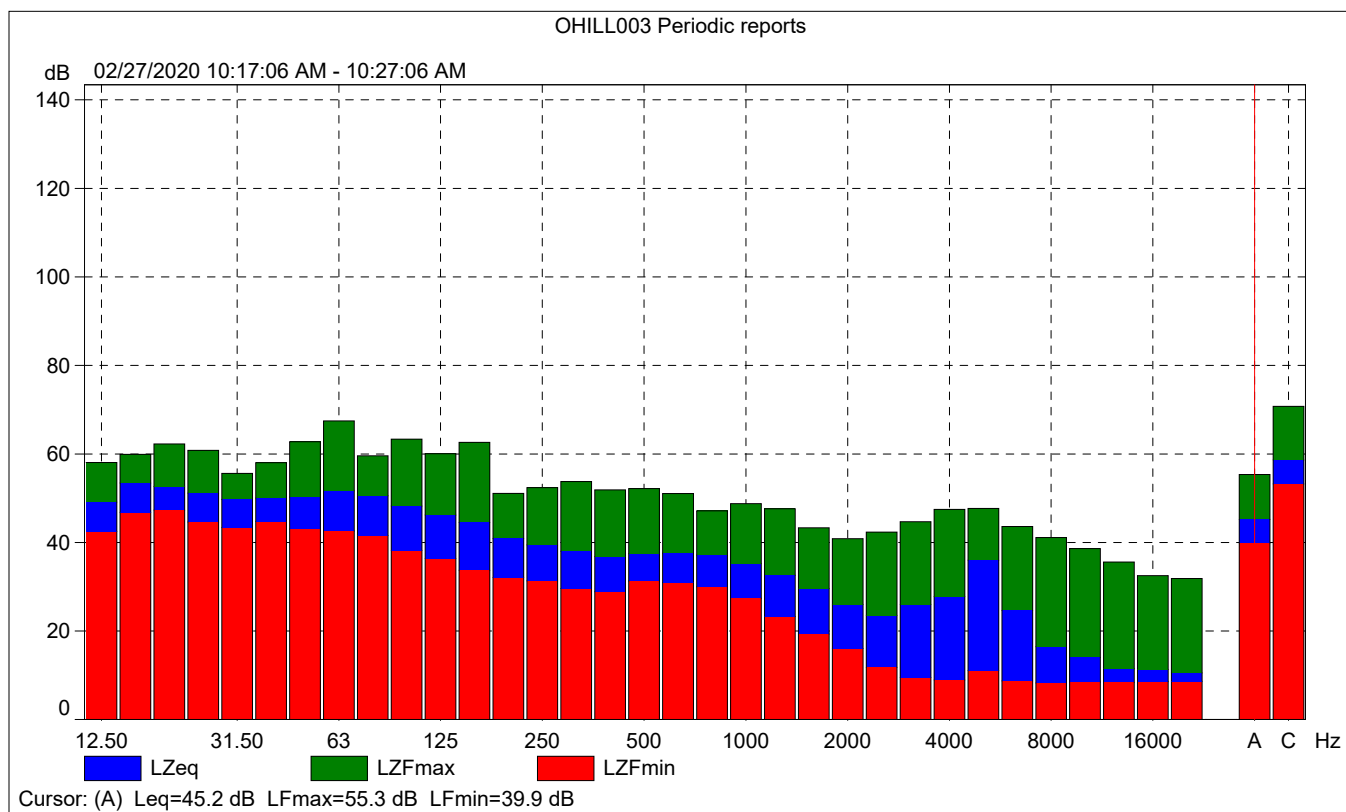
OHILL003

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			46.0	46.0	45.2
Time	10:22:05 AM	0:00:01			
Date	02/27/2020				



OHILL003 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	47.2	55.3	39.9
Time	10:17:06 AM	0:10:00				
Date	02/27/2020					



OHILL003 Periodic reports

