

APPENDIX E

Noise Analysis

Site Number: #1			
Recorded By: Winnie Woo			
Job Number: 176288			
Date: 1/29/2020			
Time: 10:41 A.M.			
Location: On North Bewley Street, in front of a gated two-way driveway at 1114 North Bewley Street			
Source of Peak Noise: Dog barking, construction from homes, traffic along North Bewley Street			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
54.7	72.8	44.1	93.2

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	
	Preamp	Brüel & Kjær	ZC 0032	25380	04/08/2019	
	Calibrator	Brüel & Kjær	4231	2545667	04/08/2019	
Weather Data						
Est.	Duration: 10 minutes			Sky: Sunny		
	Note: dBA Offset =			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	5 mph		64		30.04	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		01/29/2020 10:40:13
End Time:		01/29/2020 10:50:13
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.09

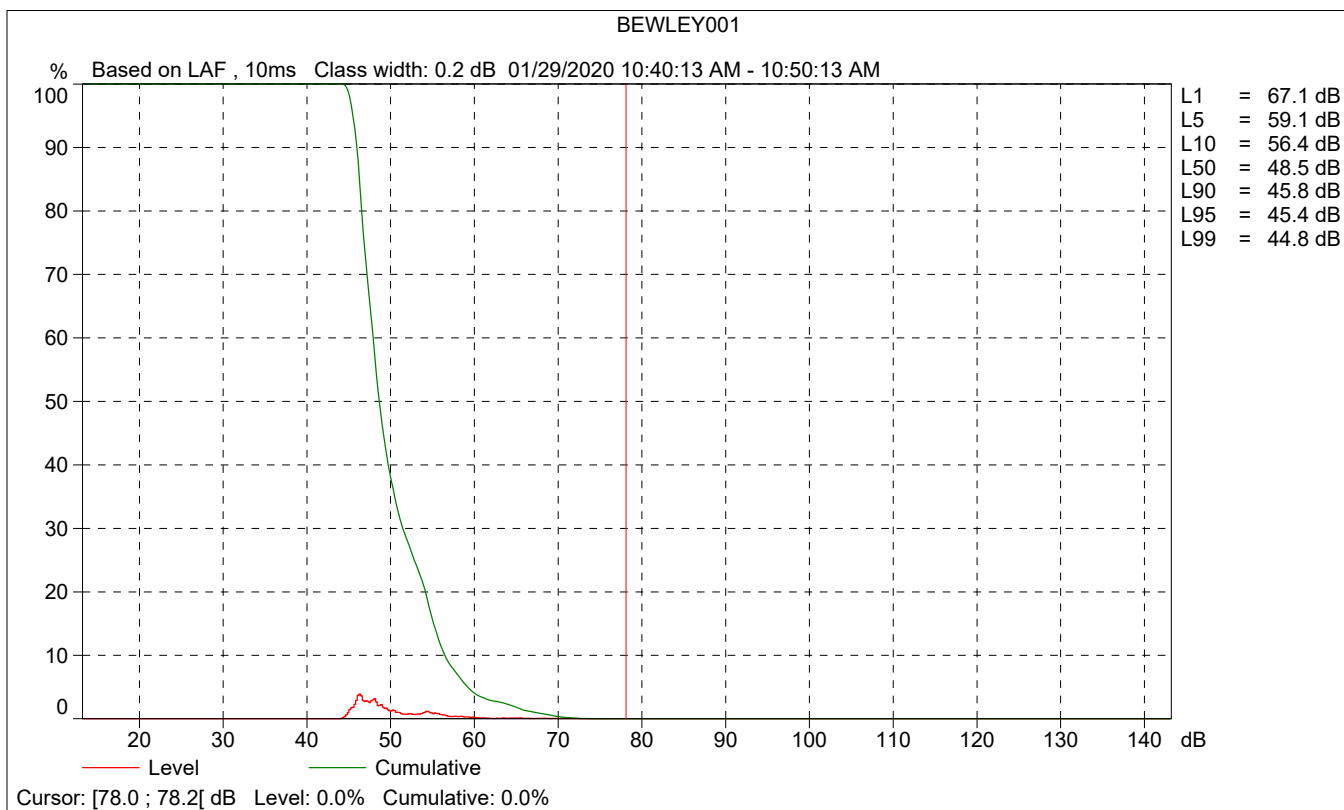
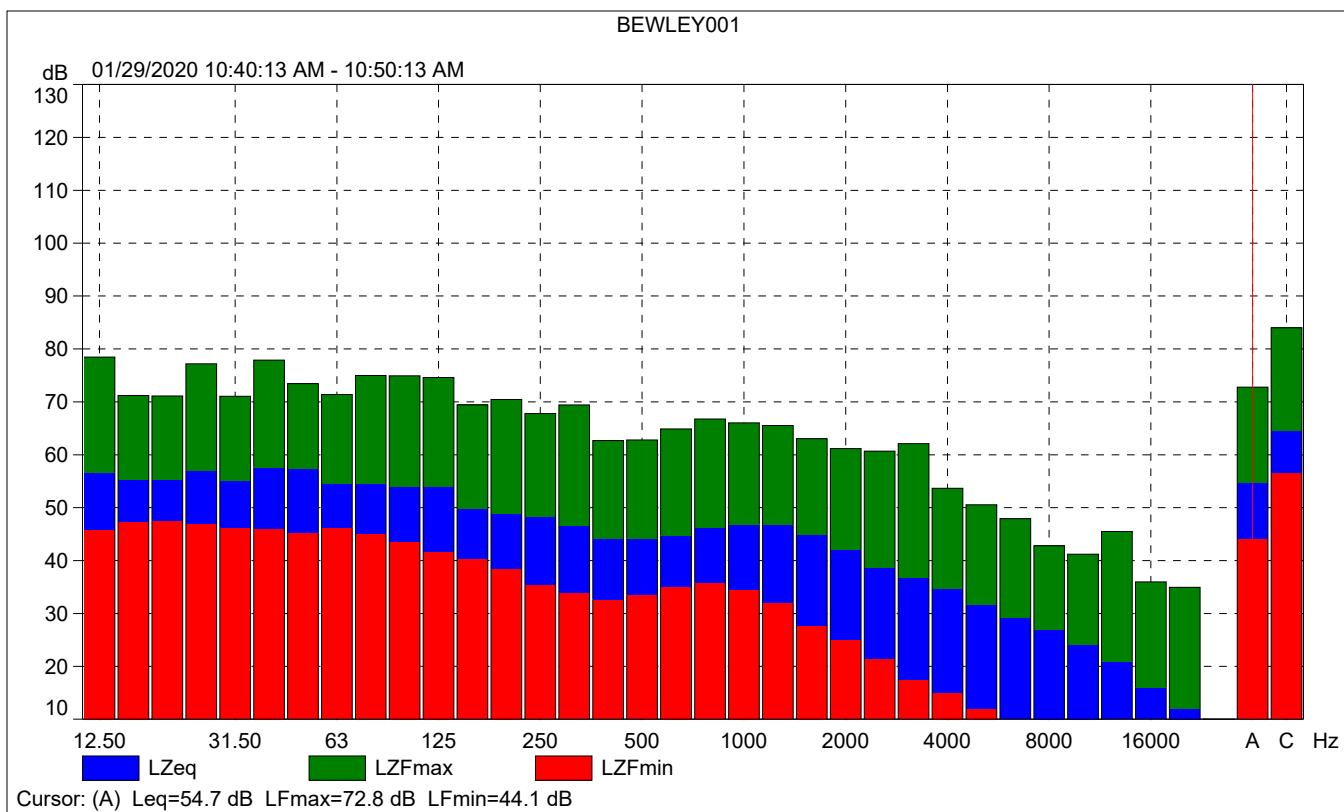
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

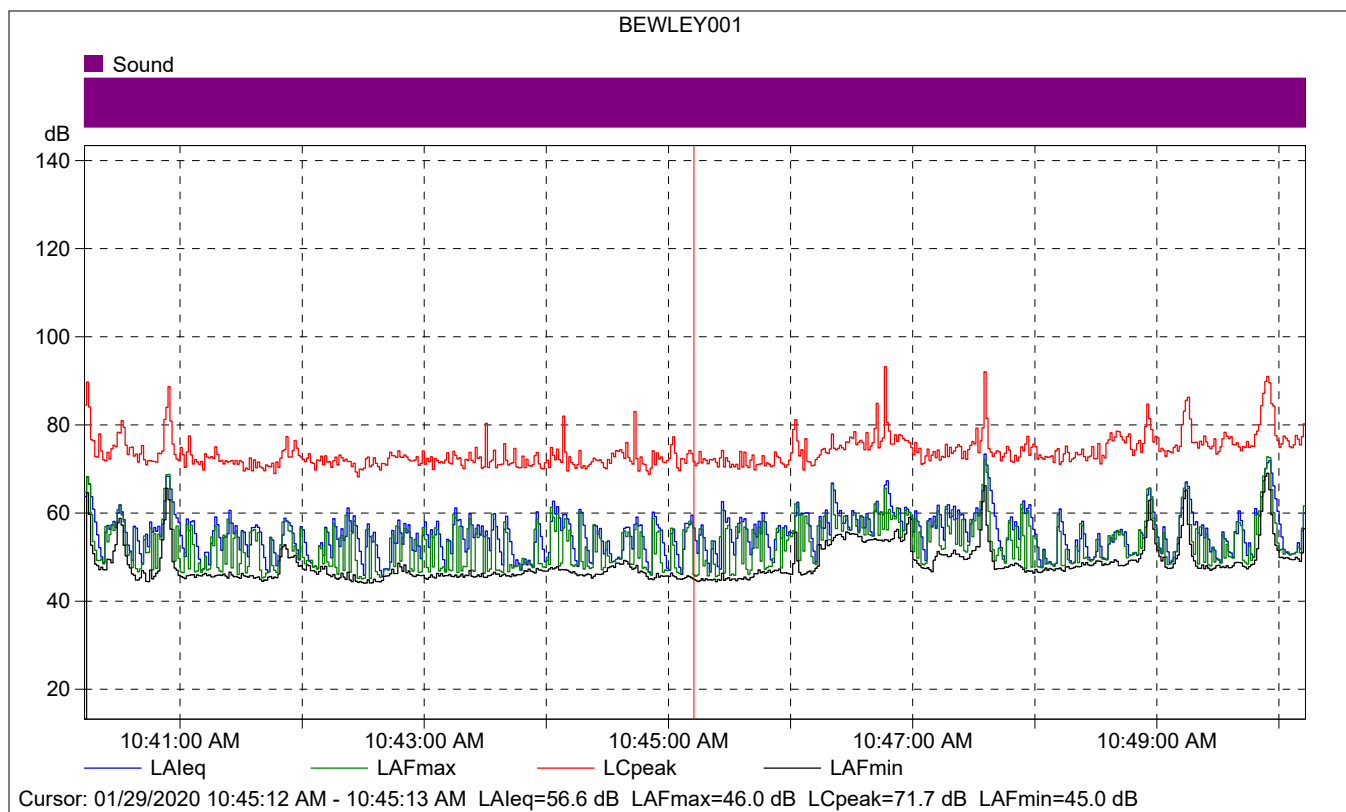
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		01/29/2020 09:07:57
Calibration Type:		External reference
Sensitivity:		43.7673255801201 mV/Pa

BEWLEY001

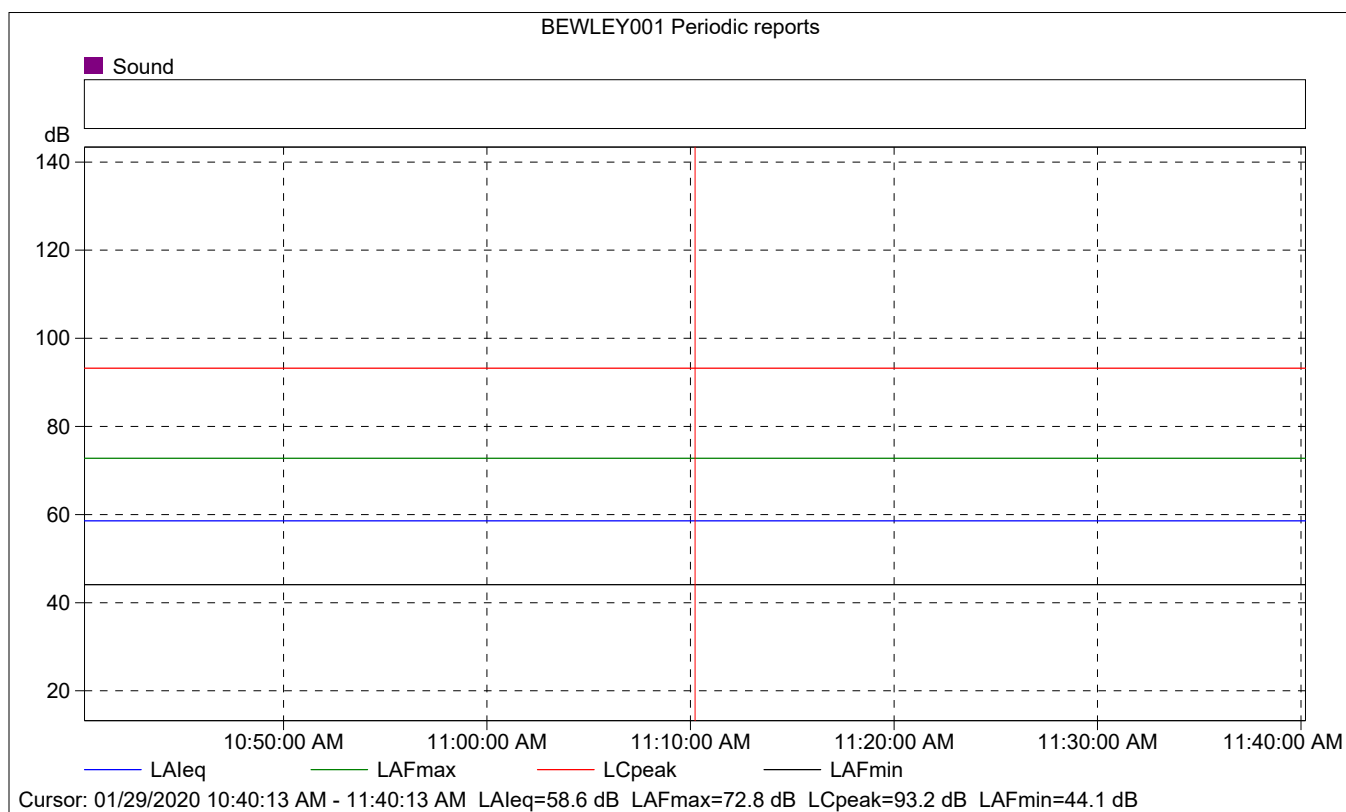
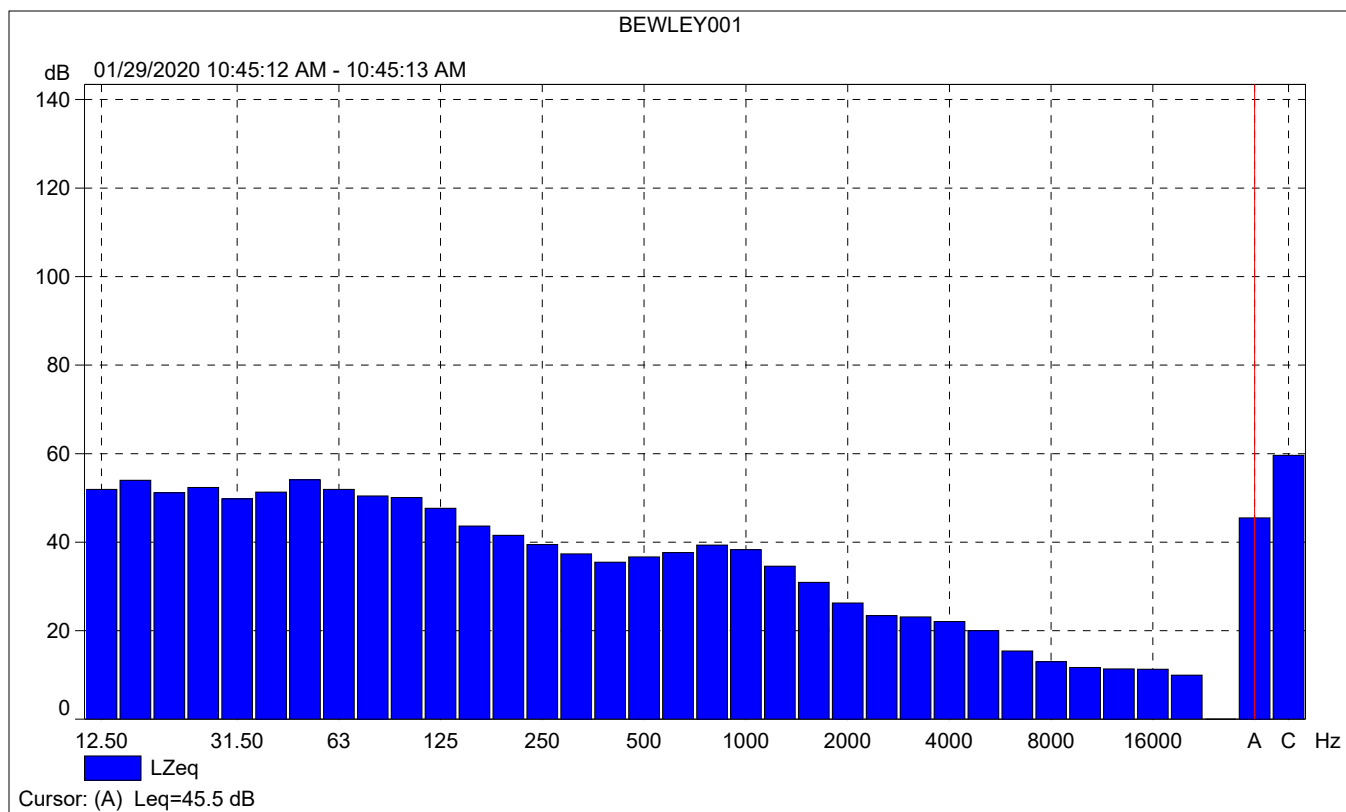
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	54.7	72.8	44.1
Time	10:40:13 AM	10:50:13 AM	0:10:00				
Date	01/29/2020	01/29/2020					





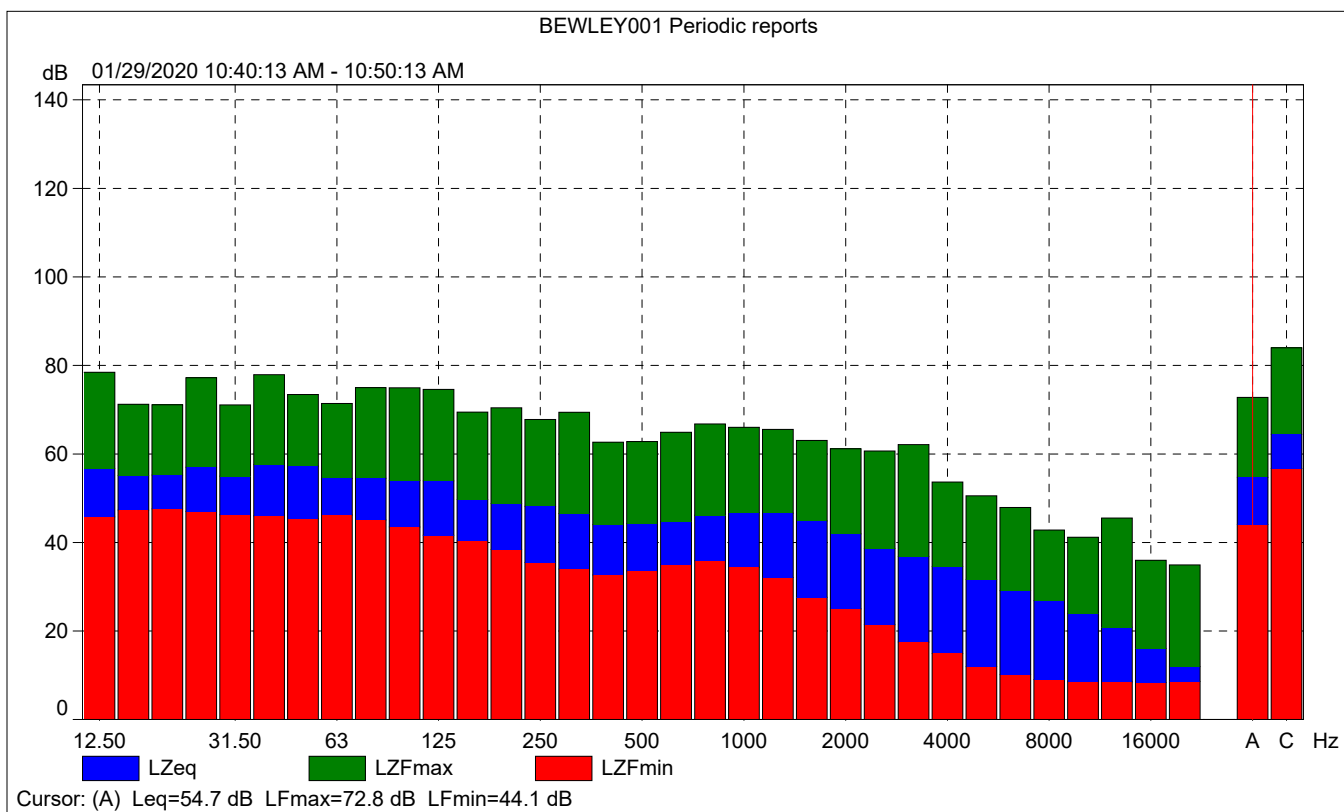
BEWLEY001

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			56.6	46.0	45.0
Time	10:45:12 AM	0:00:01			
Date	01/29/2020				

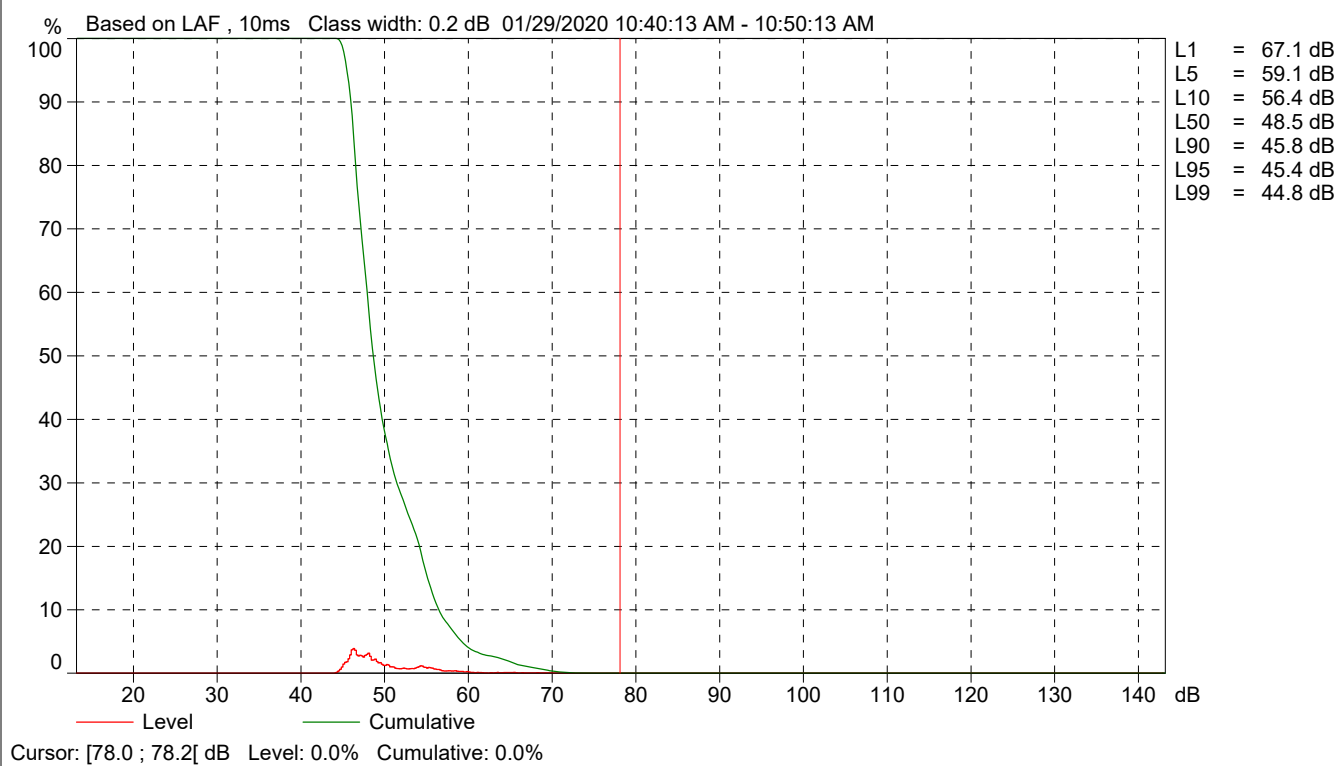


BEWLEY001 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	58.6	72.8	44.1
Time	10:40:13 AM	0:10:00				
Date	01/29/2020					



BEWLEY001 Periodic reports



Site Number: #2			
Recorded By: Winnie Woo			
Job Number: 176288			
Date: 1/29/2020			
Time: 11:02 A.M.			
Location: On North Bewley Street, next to a driveway at 1210 Bewley Street			
Source of Peak Noise: Leaf blower, construction from homes, traffic along North Bewley Street, plane			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
56.1	71.1	44.7	96.8

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	
	Preamp	Brüel & Kjær	ZC 0032	25380	04/08/2019	
	Calibrator	Brüel & Kjær	4231	2545667	04/08/2019	
Weather Data						
Est.	Duration: 10 minutes			Sky: Sunny		
	Note: dBA Offset =			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	5 mph		66		30.04	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		01/29/2020 11:02:31
End Time:		01/29/2020 11:12:31
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.09

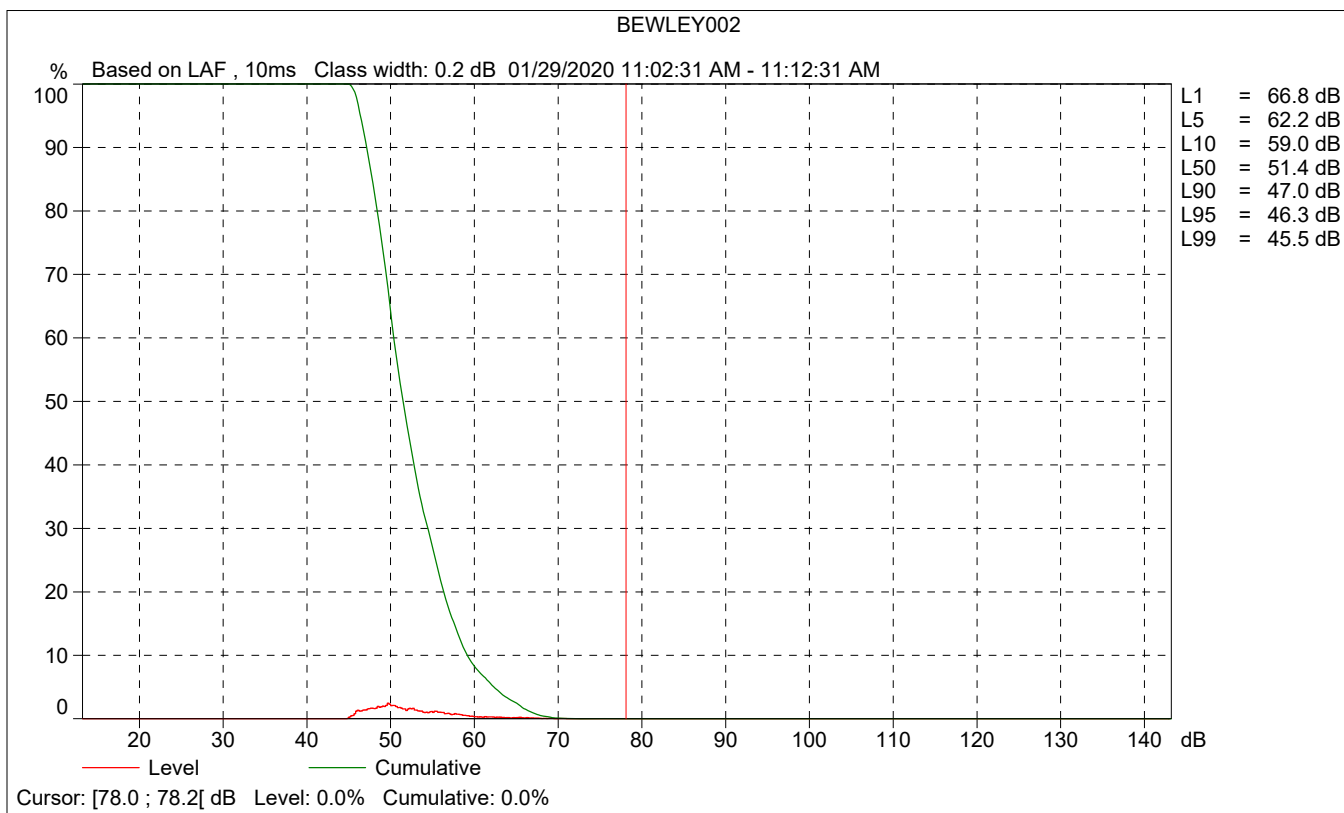
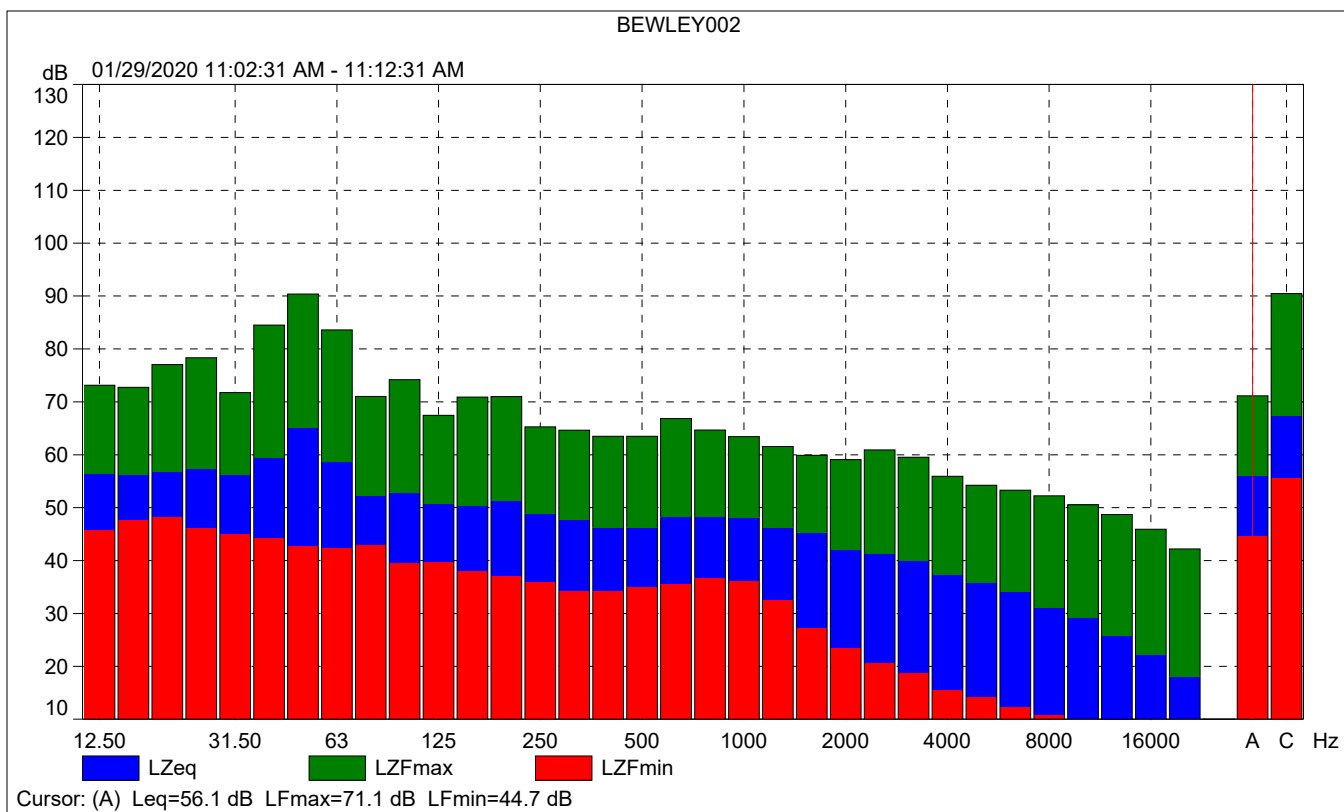
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

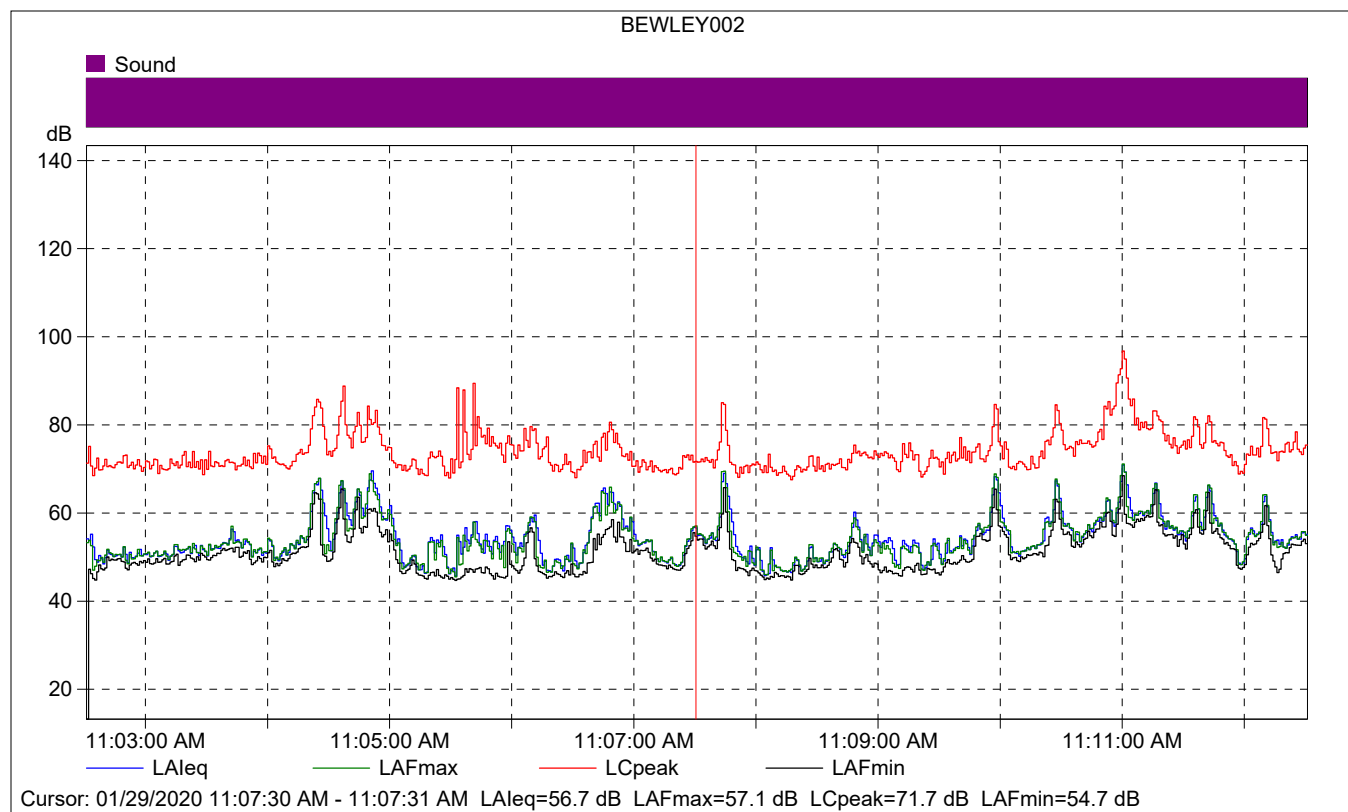
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		01/29/2020 09:07:57
Calibration Type:		External reference
Sensitivity:		43.7673255801201 mV/Pa

BEWLEY002

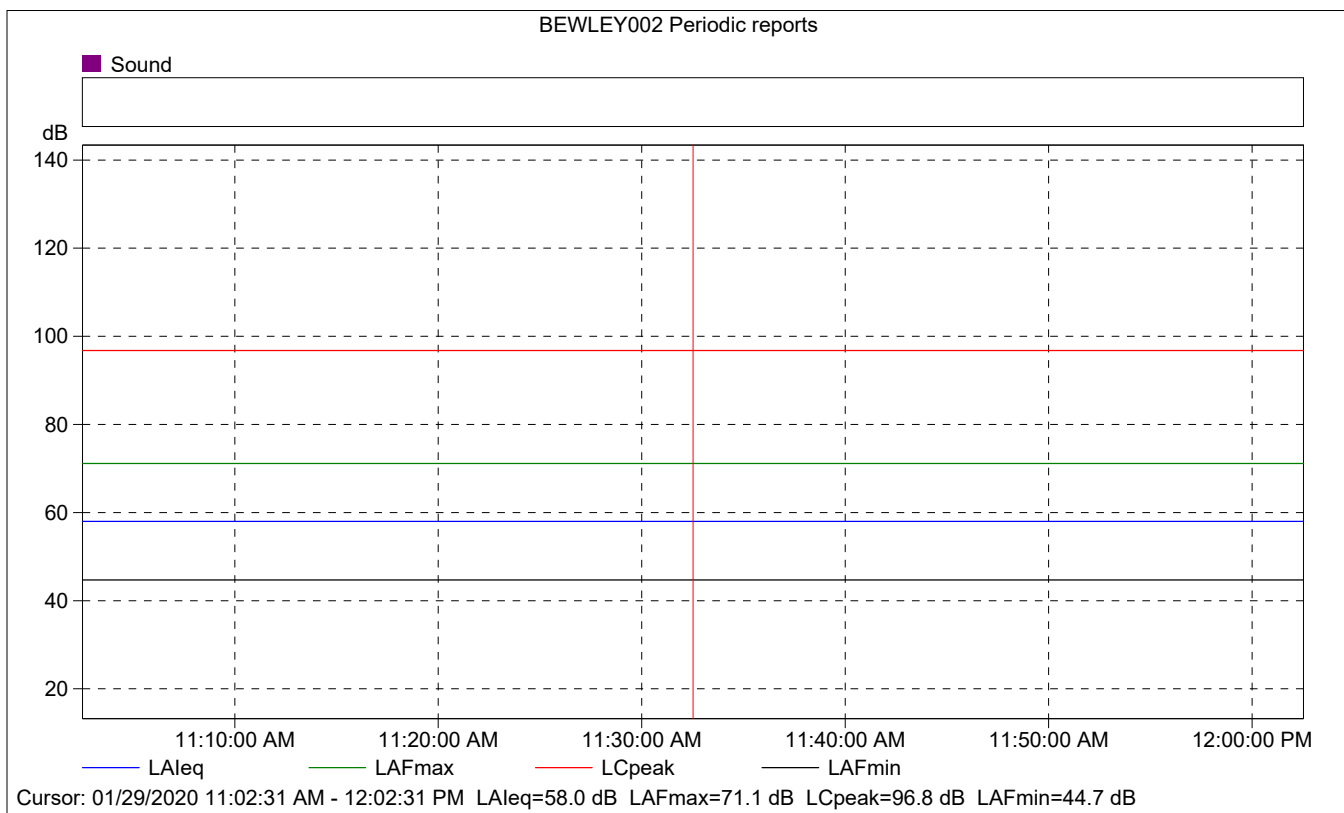
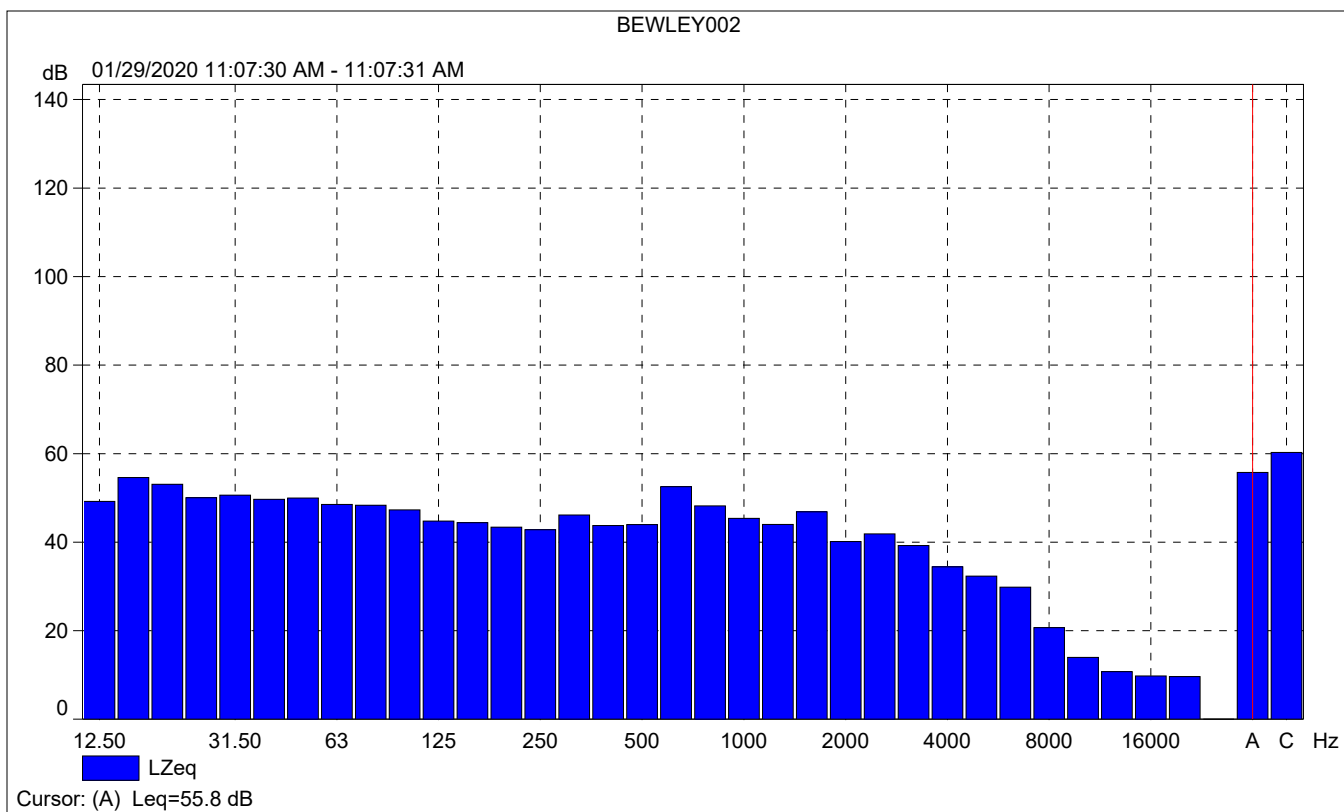
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	56.1	71.1	44.7
Time	11:02:31 AM	11:12:31 AM	0:10:00				
Date	01/29/2020	01/29/2020					





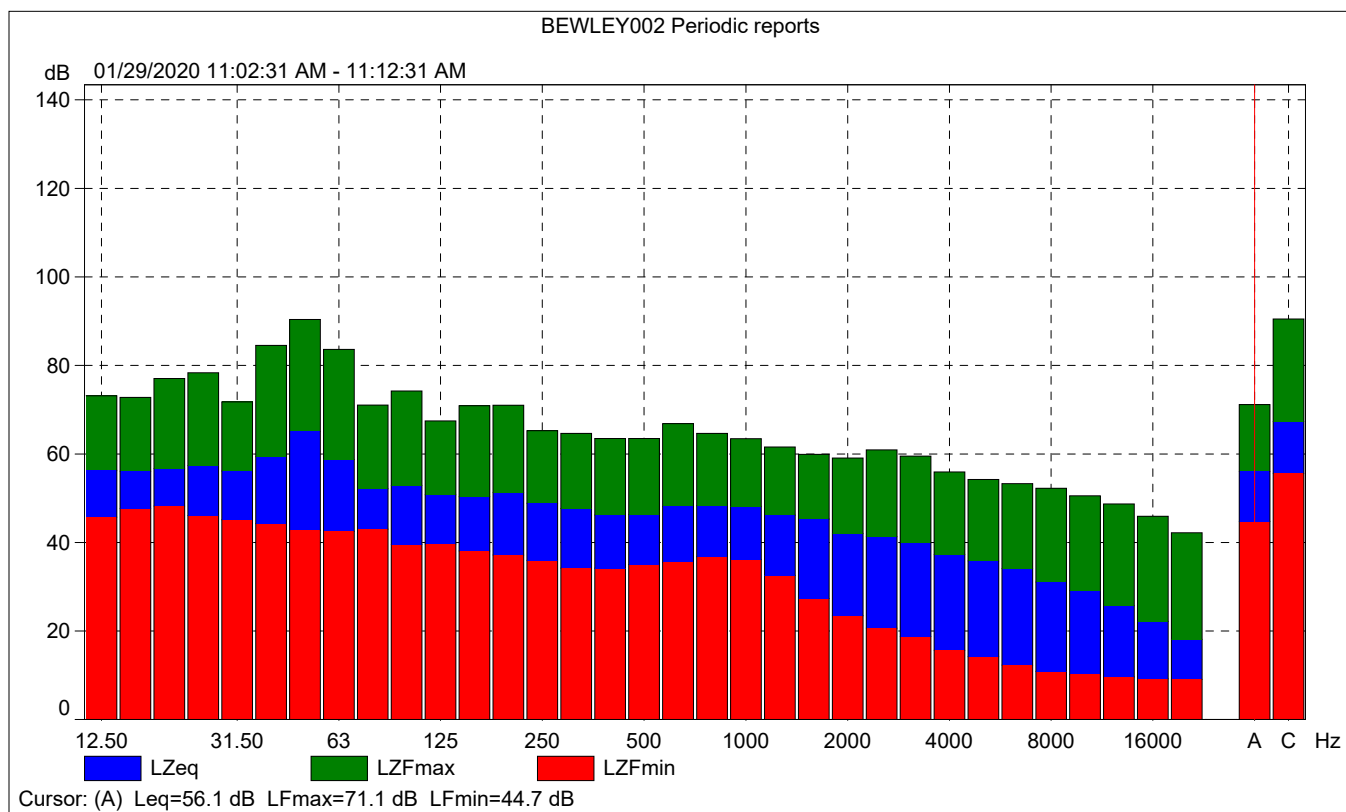
BEWLEY002

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			56.7	57.1	54.7
Time	11:07:30 AM	0:00:01			
Date	01/29/2020				



BEWLEY002 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	58.0	71.1	44.7
Time	11:02:31 AM	0:10:00				
Date	01/29/2020					



BEWLEY002 Periodic reports

