

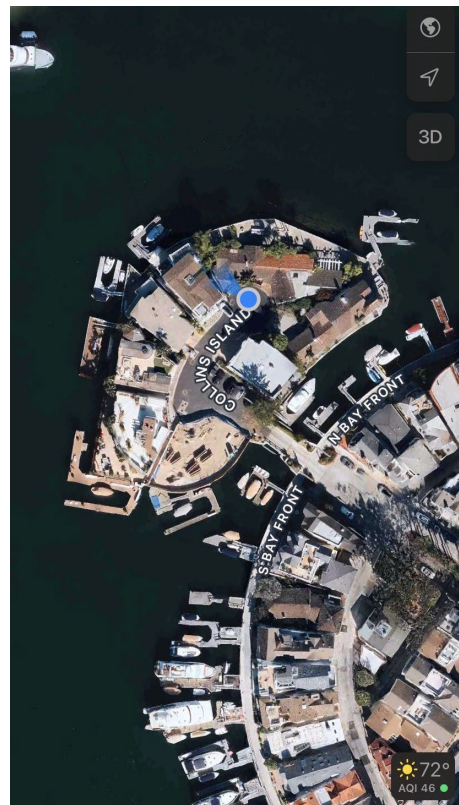
APPENDIX E

Noise Data

Site Number: NM-1		
Recorded By: Winnie Woo, Dennis Dinh		
Job Number: 191636		
Date: 8/30/2023		
Time: 10:05 AM		
Location: In front of 6 Collins Isle		
Source of Ambient Noise: Construction noise and vehicles passing by		
Source of Peak Noise: Construction noise		
Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
60.9	84.5	37.9

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 = 0.02		Sensor Height (ft): 5 ft			
	Wind Ave Speed (mph / m/s)	Temperature (degrees Fahrenheit)		Barometer Pressure (inches)		
	3 mph	74		29.83		

Photo of Measurement Location





2250

Instrument:	2250
Application:	BZ7225 Version 4.7.6
Start Time:	08/30/2023 10:05:00
End Time:	08/30/2023 10:19:43
Elapsed Time:	00:10:00
Bandwidth:	1/3-octave
Max Input Level:	142.20

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

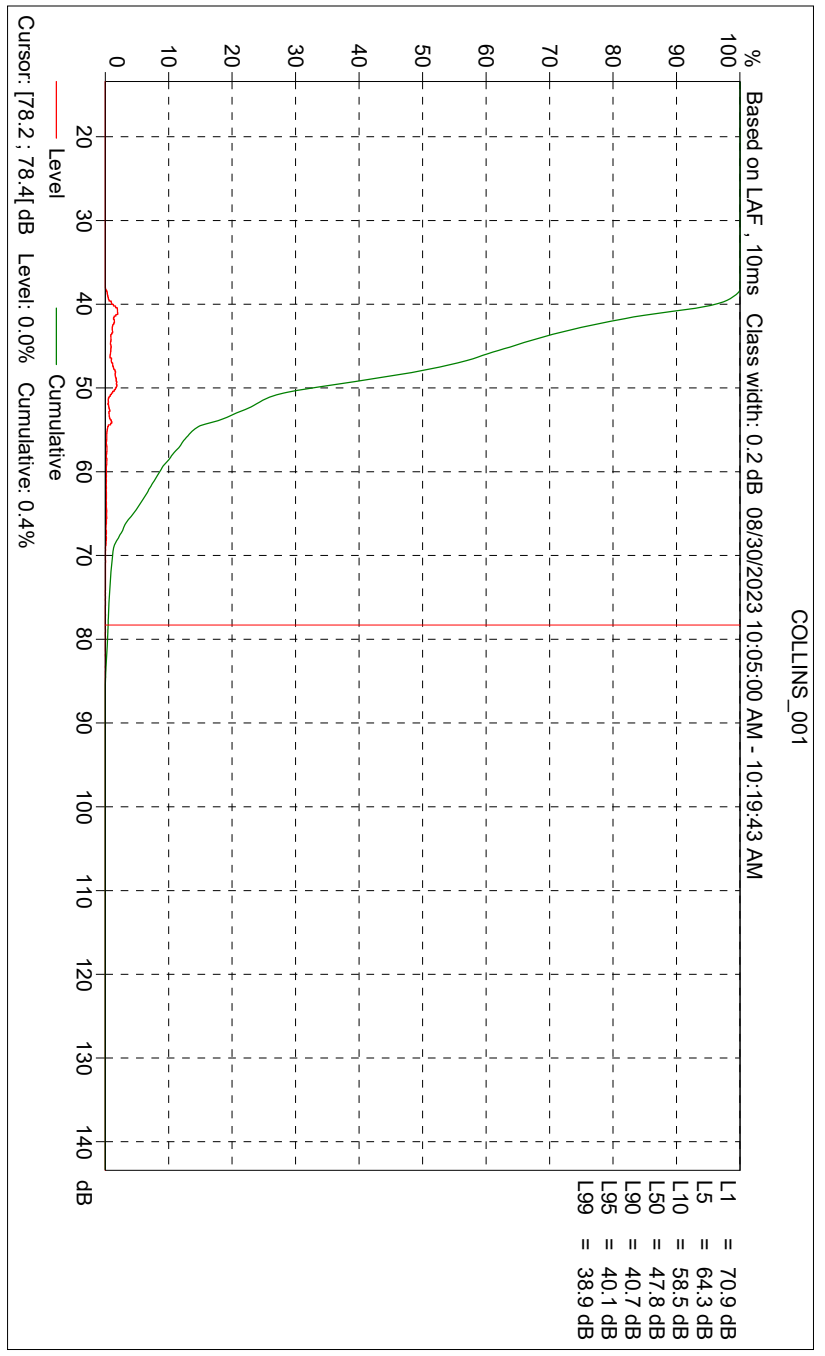
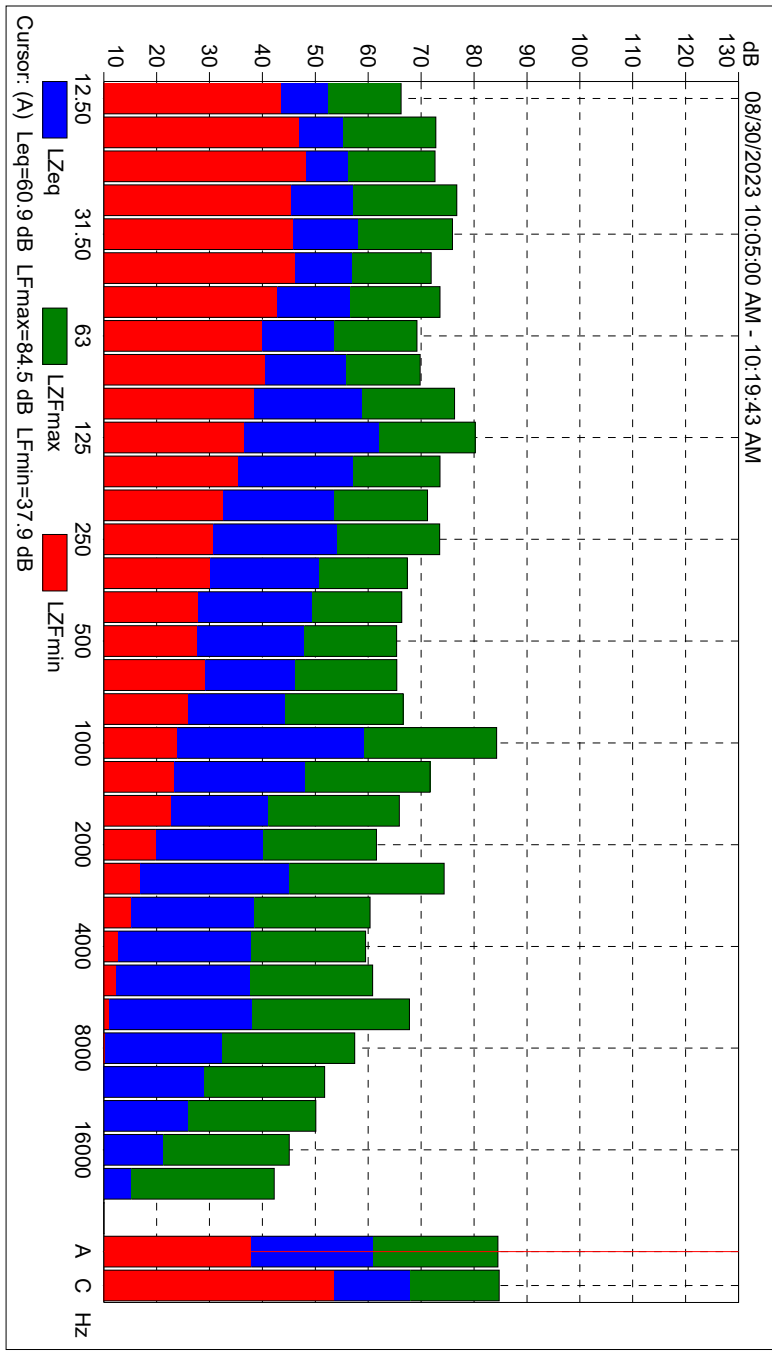
Instrument Serial Number:	3011133
Microphone Serial Number:	3086765
Input:	Top Socket
Windscreen Correction:	UA-1650
Sound Field Correction:	Free-field

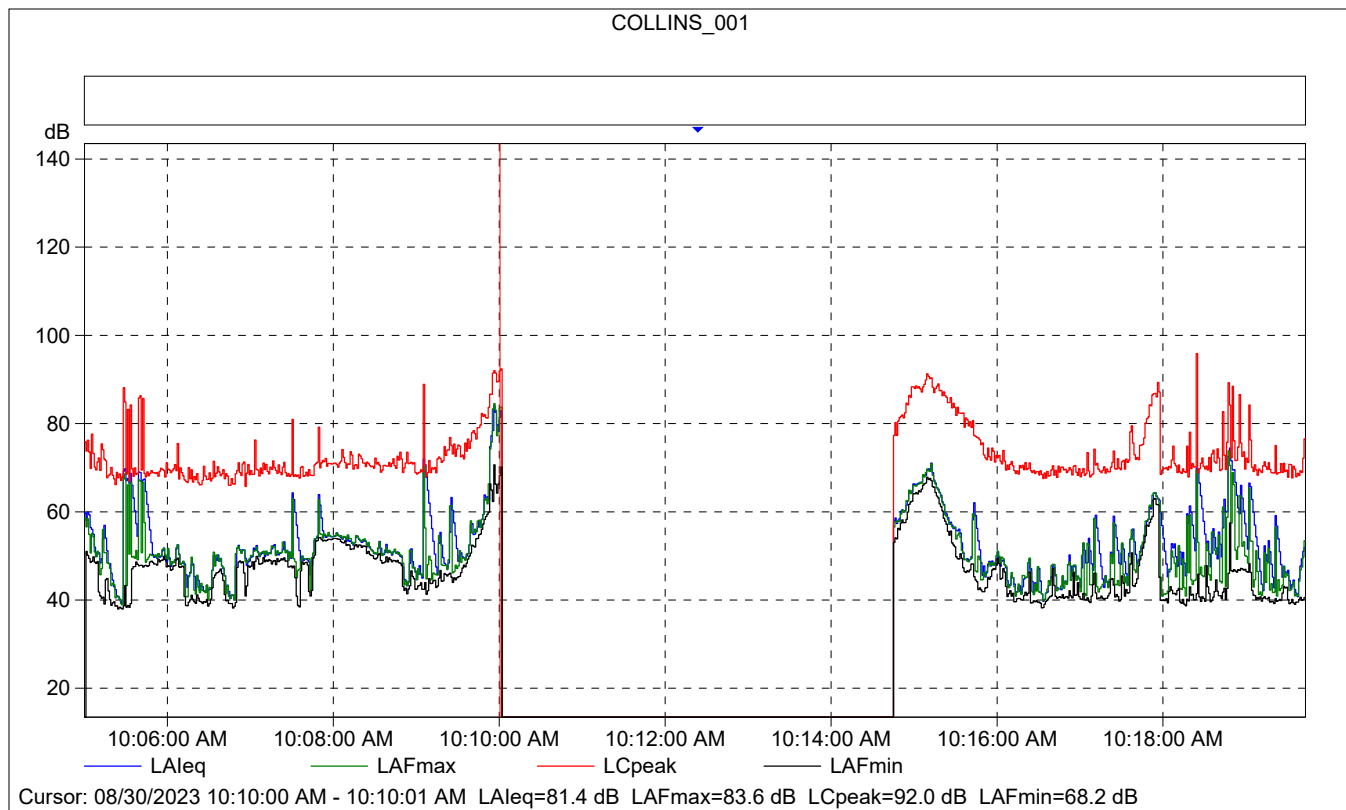
Calibration Time:	08/30/2023 07:16:59
Calibration Type:	External reference
Sensitivity:	43.2439148426056 mV/Pa

COLLINS_001

Value	Start time	End time	Elapsed time	Overload [%]	L _{Aeq} [dB]	L _A F _{max} [dB]	L _A F _{min} [dB]
Time	10:05:00 AM	10:19:43 AM	0:10:00	0.00	60.9	84.5	37.9
Date	08/30/2023	08/30/2023					

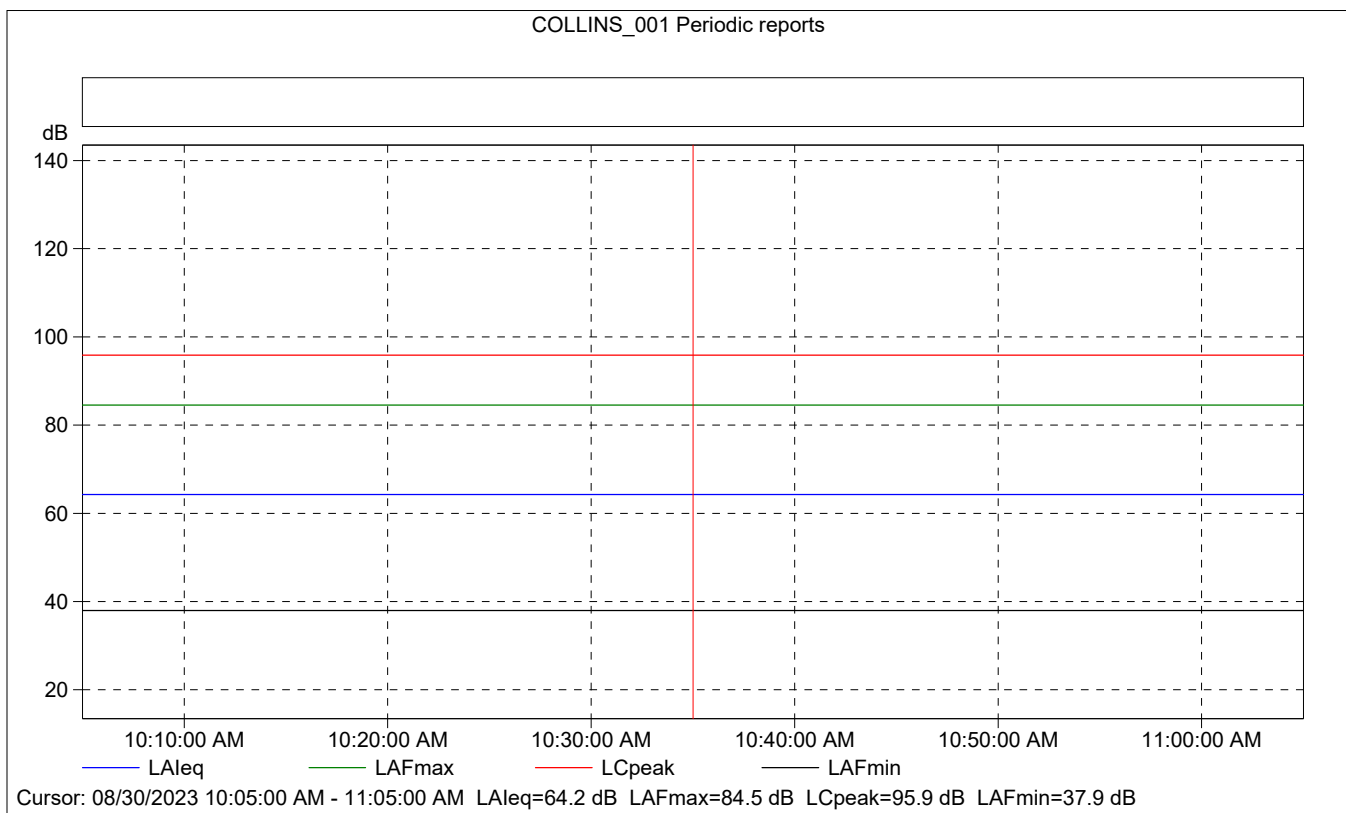
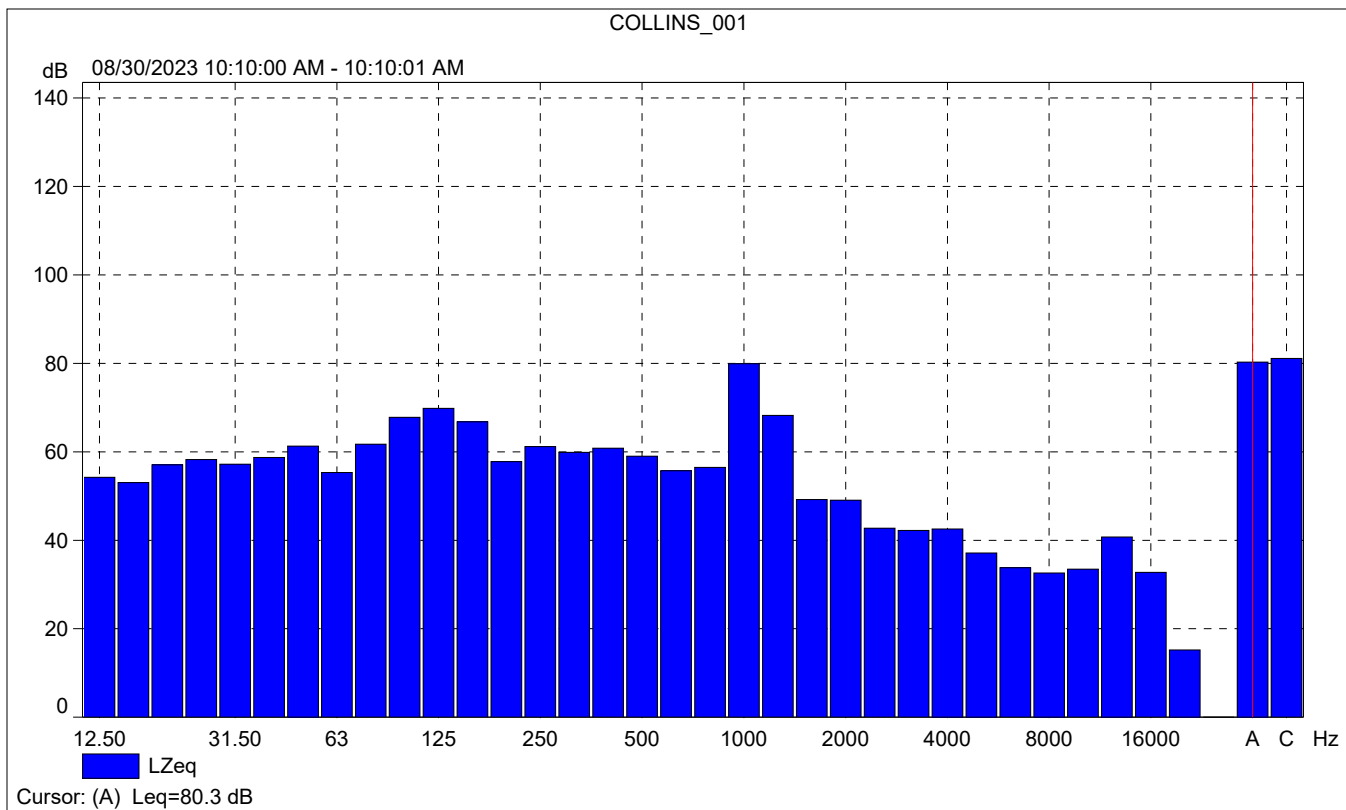
COLLINS_001





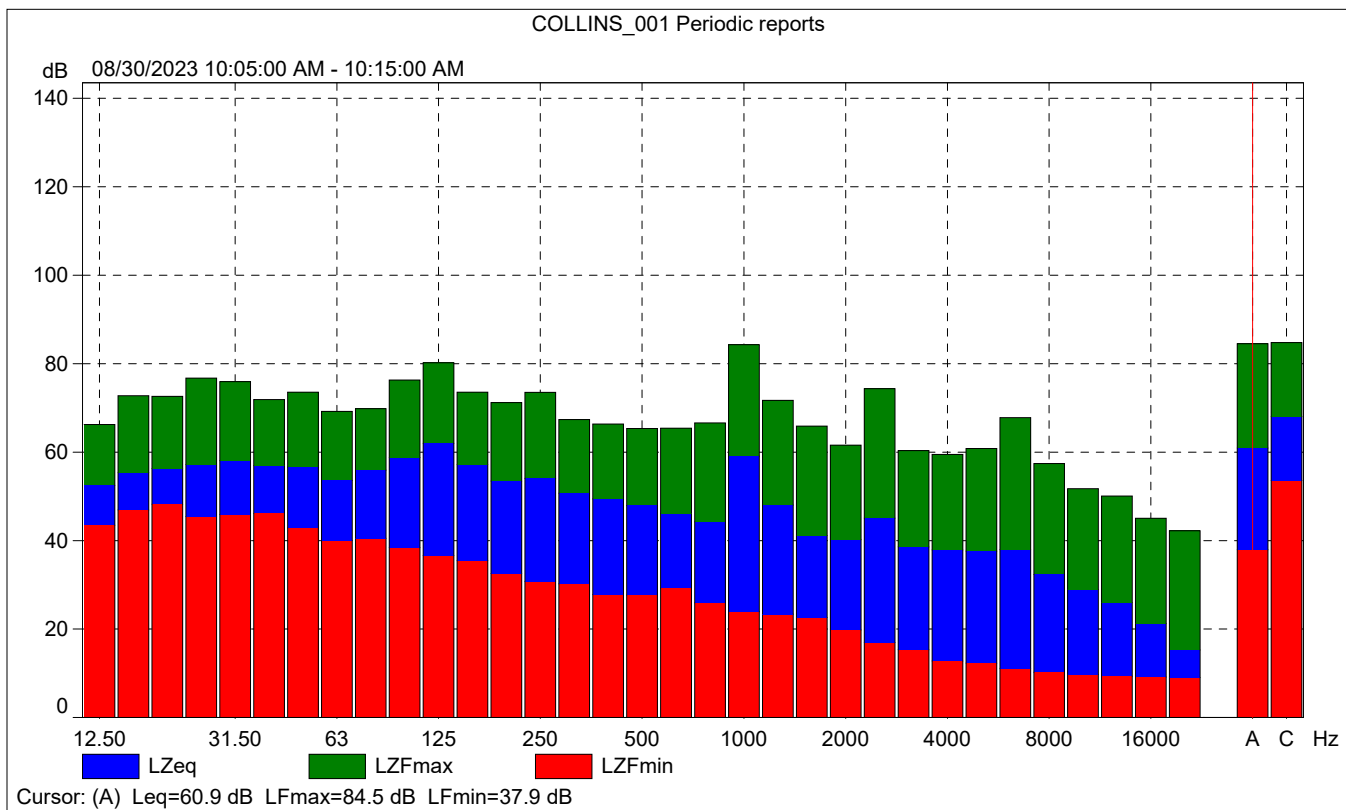
COLLINS_001

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	81.4	83.6	68.2
Time	10:10:00 AM	0:00:01				
Date	08/30/2023					



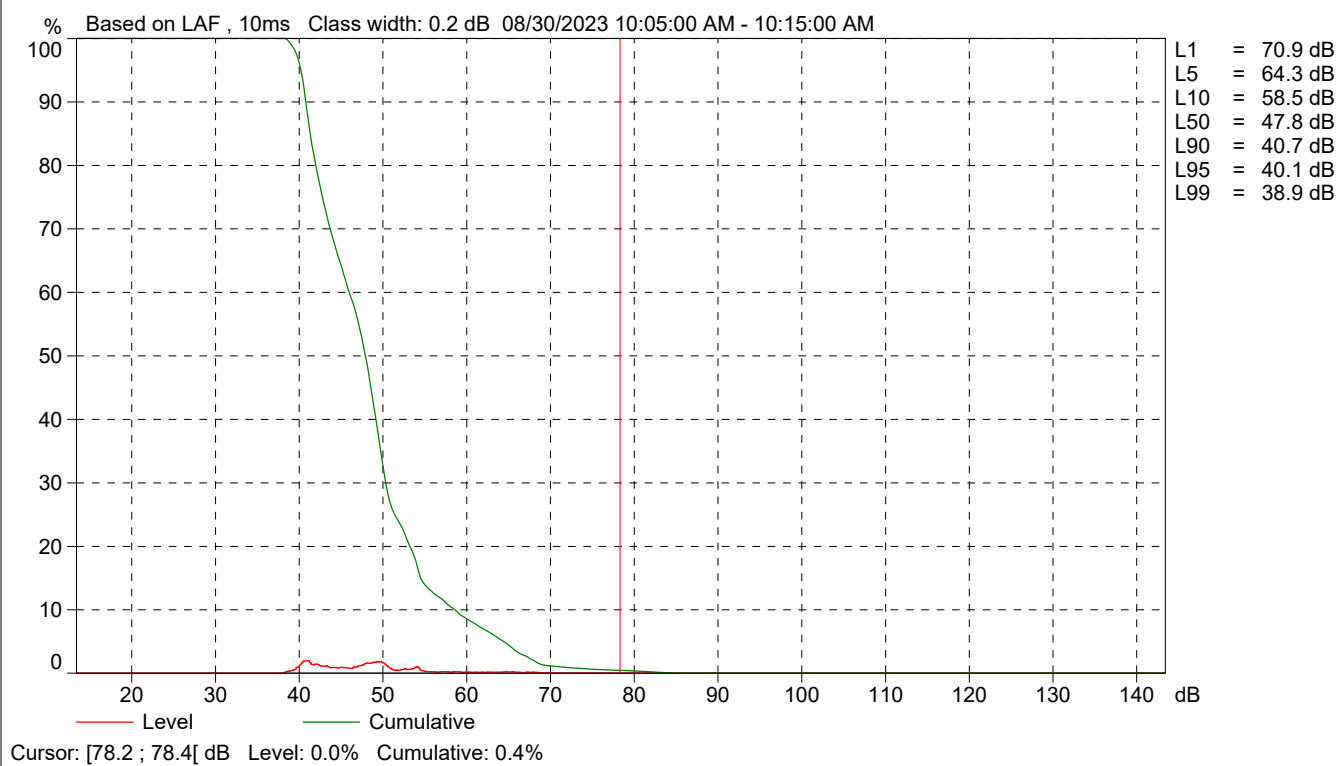
COLLINS_001 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	64.2	84.5	37.9
Time	10:05:00 AM	0:10:00				
Date	08/30/2023					





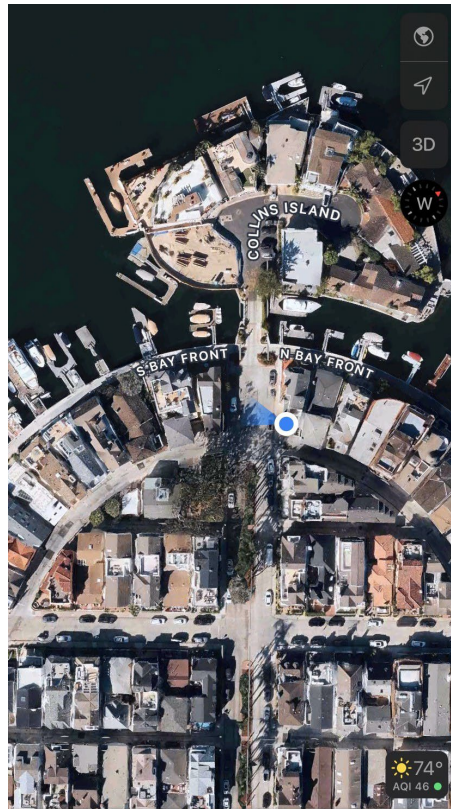
COLLINS_001 Periodic reports



Site Number: NM-2		
Recorded By: Winnie Woo, Dennis Dinh		
Job Number: 191636		
Date: 8/30/2023		
Time: 10:29 AM		
Location: In front of 101 North Bay Front		
Source of Ambient Noise: Traffic along Park Avenue and North Bay Front; Plane overhead		
Source of Peak Noise: Traffic along North Bay Front		
Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
54.5	68.0	40.3

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 = 0.02		Sensor Height (ft): 5 ft			
	Wind Ave Speed (mph / m/s)	Temperature (degrees Fahrenheit)		Barometer Pressure (inches)		
	3 mph	74		29.83		

Photo of Measurement Location





2250

Instrument:		2250
Application:	BZ7225 Version 4.7.6	
Start Time:	08/30/2023 10:29:38	
End Time:	08/30/2023 10:39:50	
Elapsed Time:	00:10:00	
Bandwidth:	1/3-octave	
Max Input Level:	142.20	

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

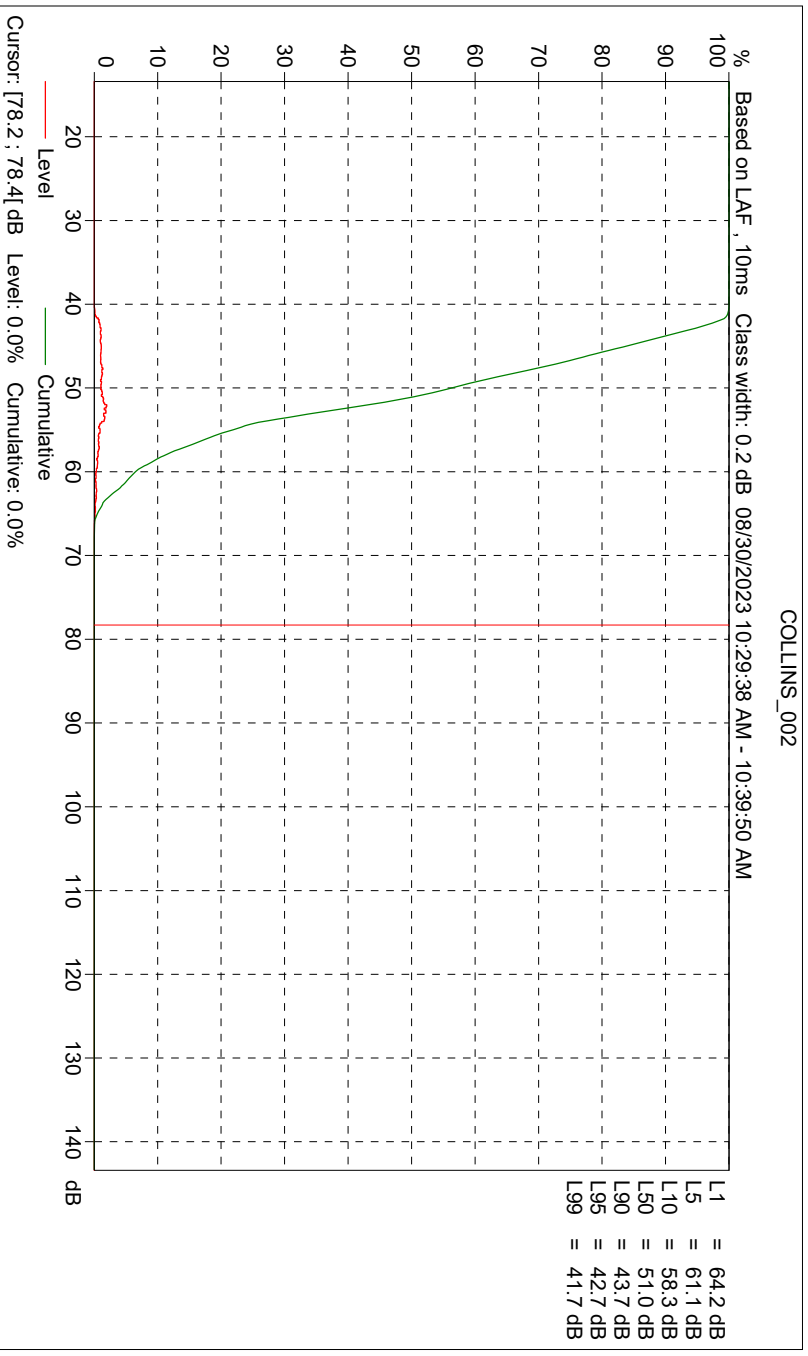
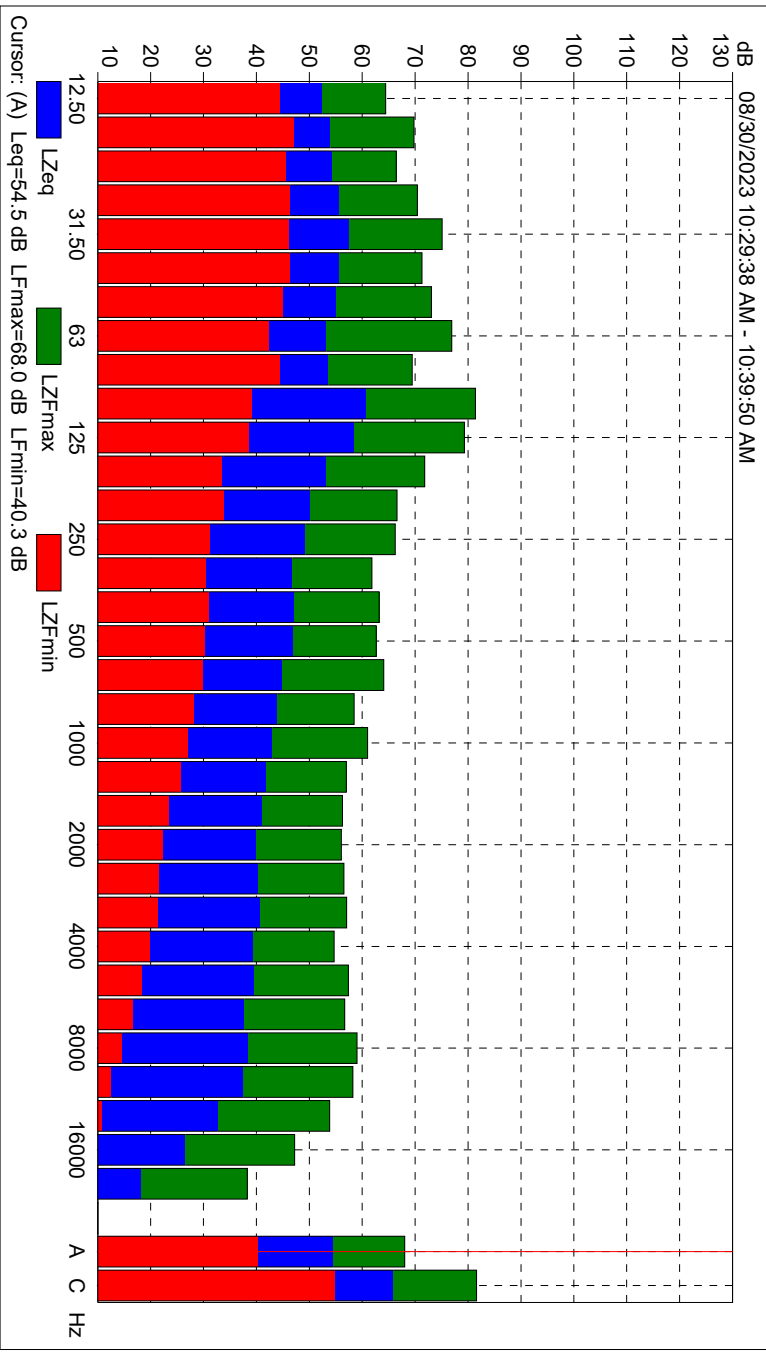
Instrument Serial Number:	3011133
Microphone Serial Number:	3086765
Input:	Top Socket
Windscreen Correction:	UA-1650
Sound Field Correction:	Free-field

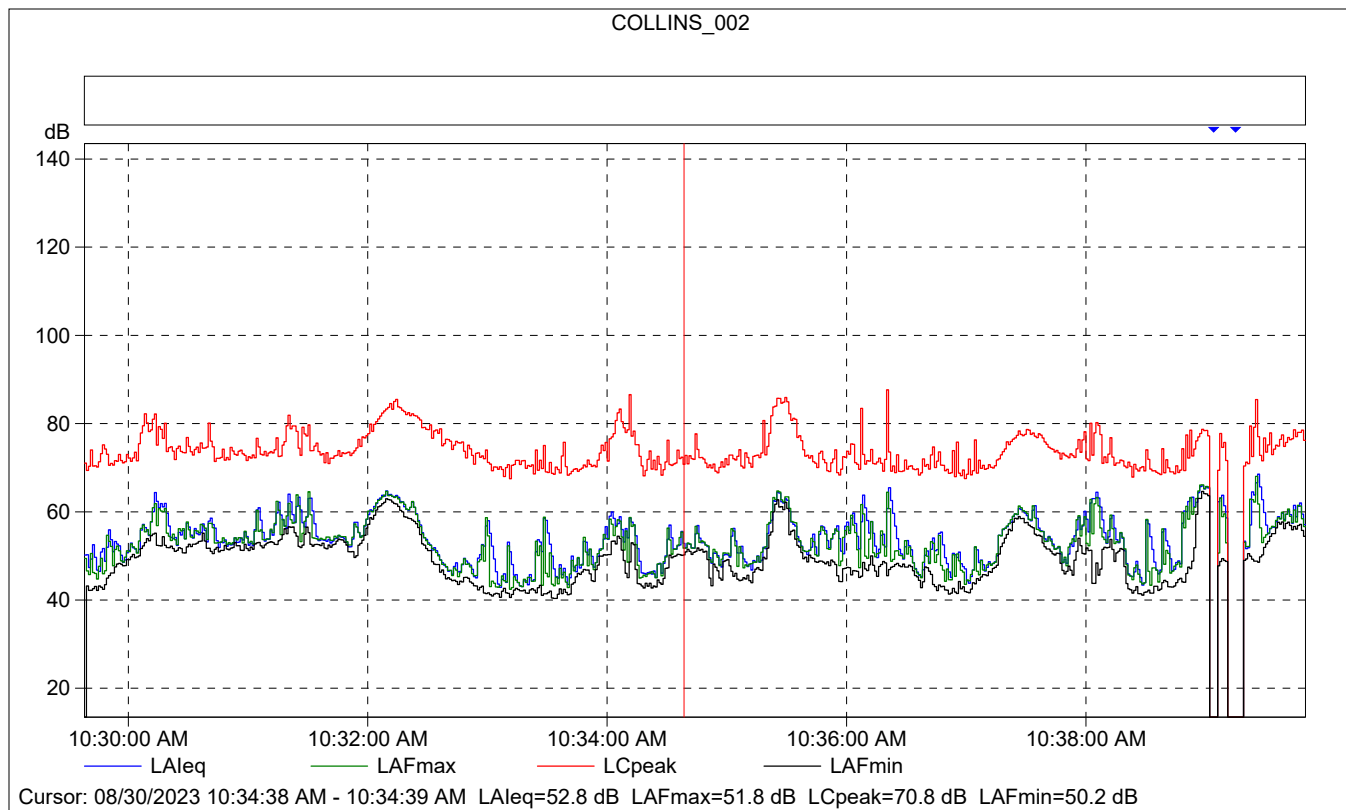
Calibration Time:	08/30/2023 07:16:59
Calibration Type:	External reference
Sensitivity:	43.2439148426056 mV/Pa

COLLINS_002

Value	Start time	End time	Elapsed time	Overload [%]	L _{Aeq} [dB]	L _A F _{max} [dB]	L _A F _{min} [dB]
Time	10:29:38 AM	10:39:50 AM	0:10:00		54.5	68.0	40.3
Date	08/30/2023	08/30/2023					

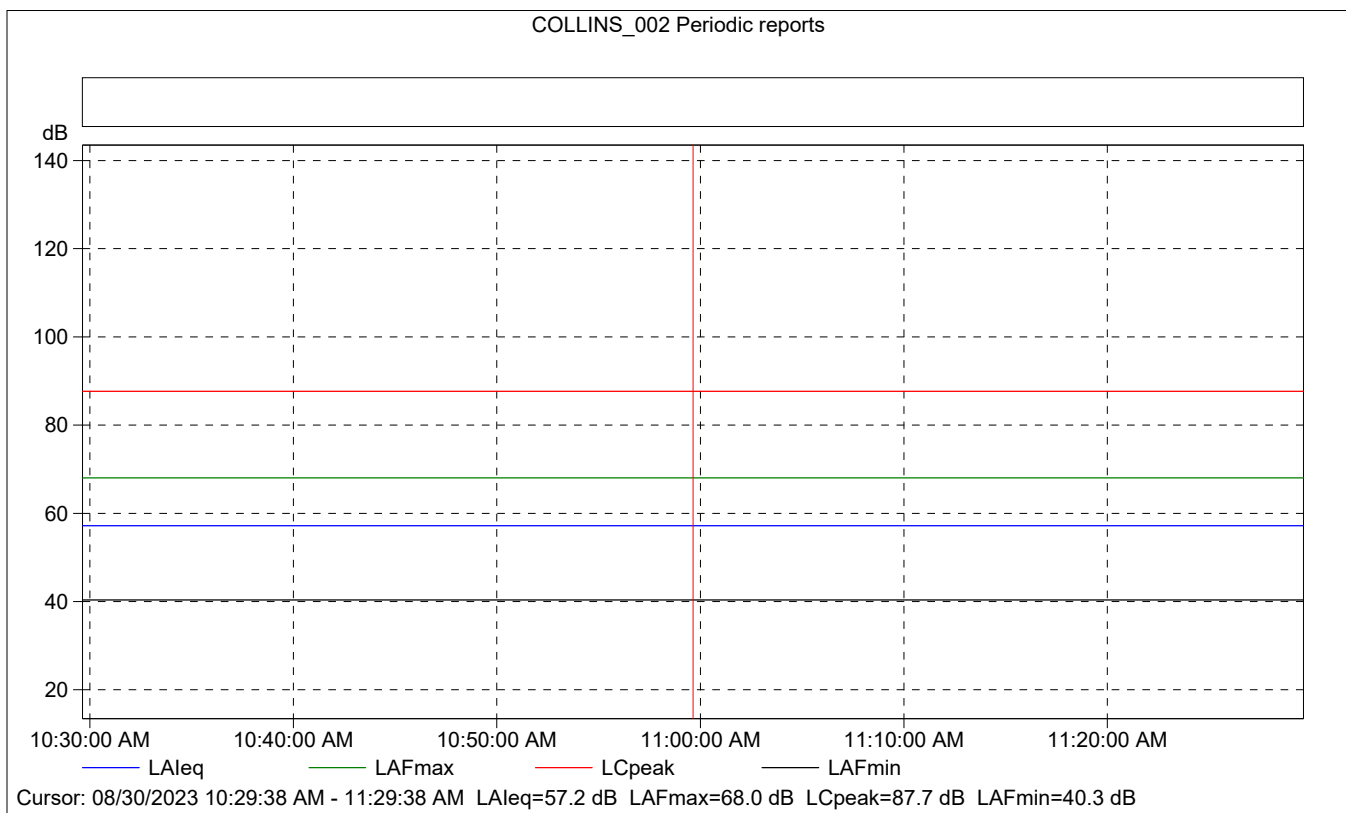
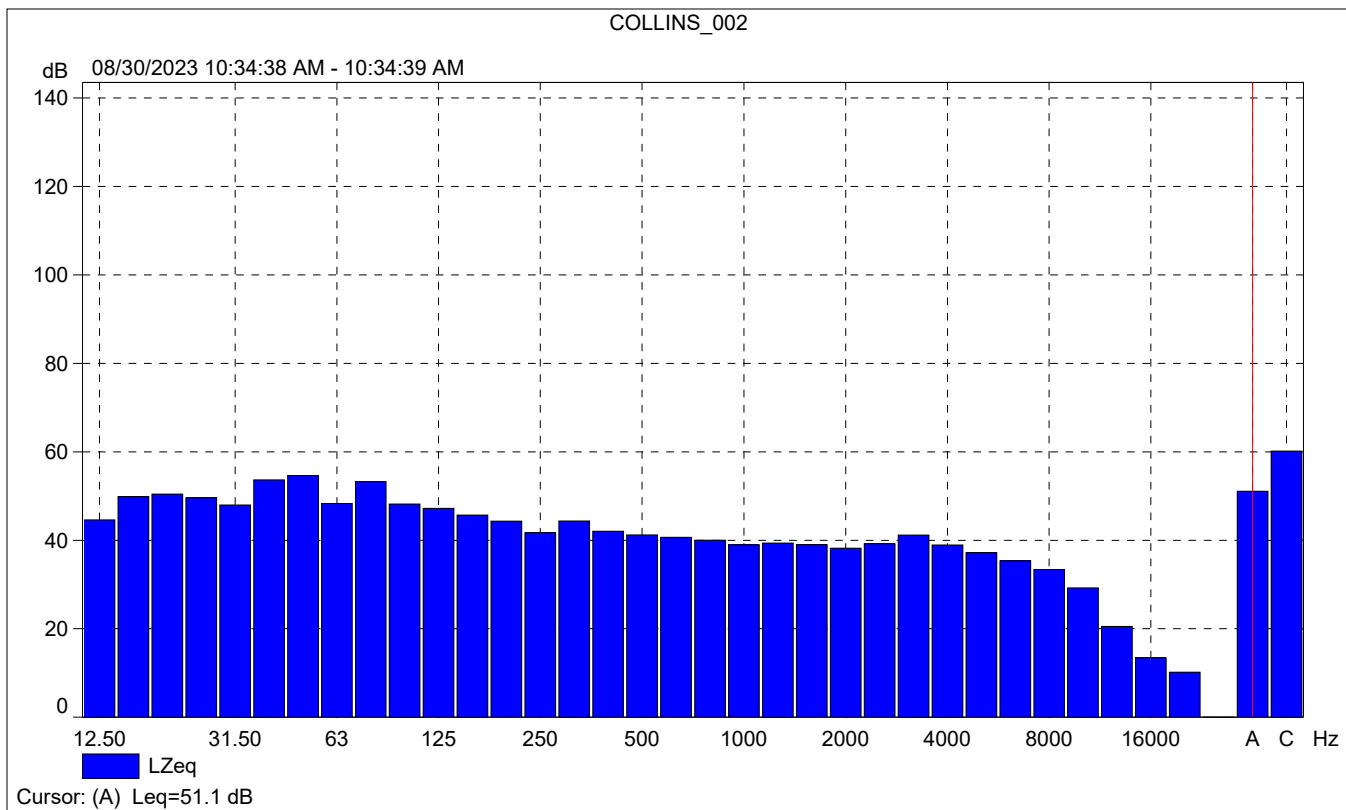
COLLINS_002





COLLINS_002

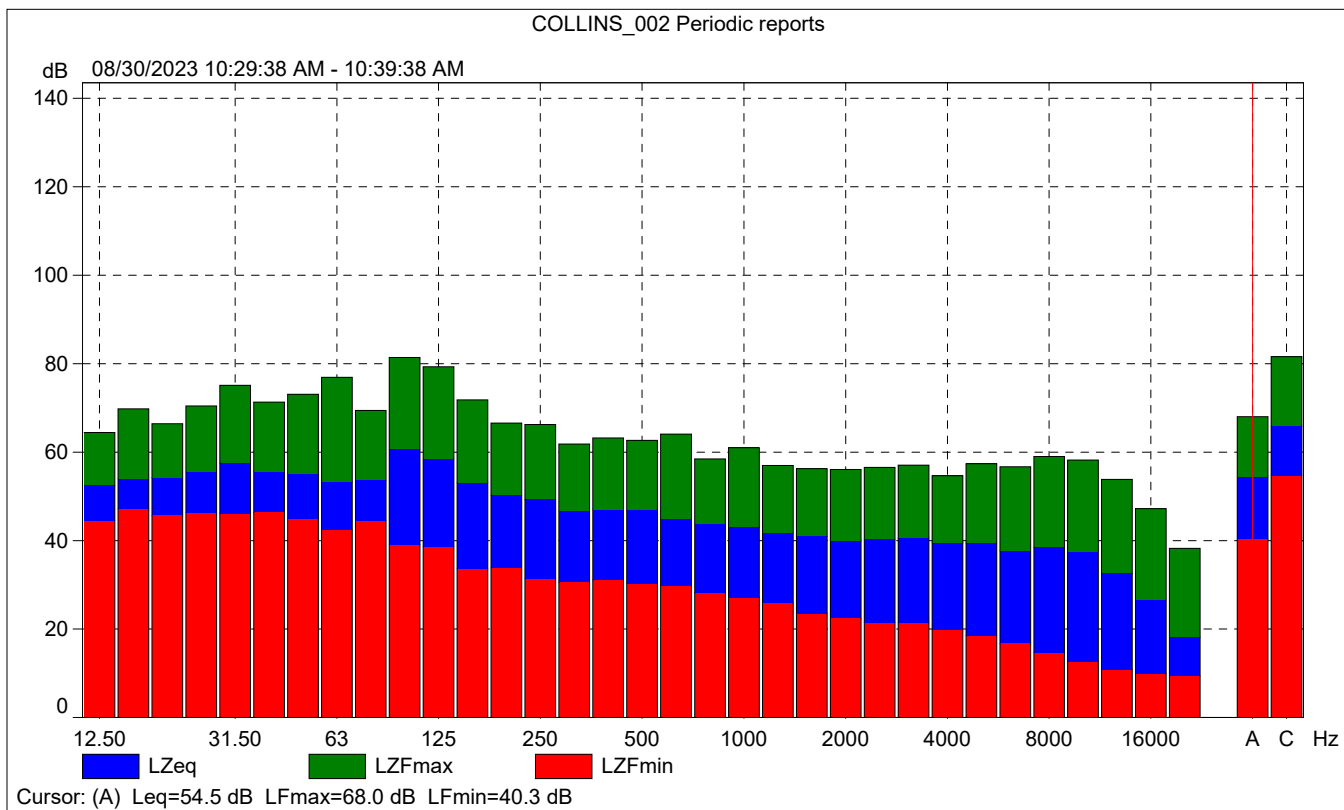
	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	52.8	51.8	50.2
Time	10:34:38 AM	0:00:01				
Date	08/30/2023					





COLLINS_002 Periodic reports

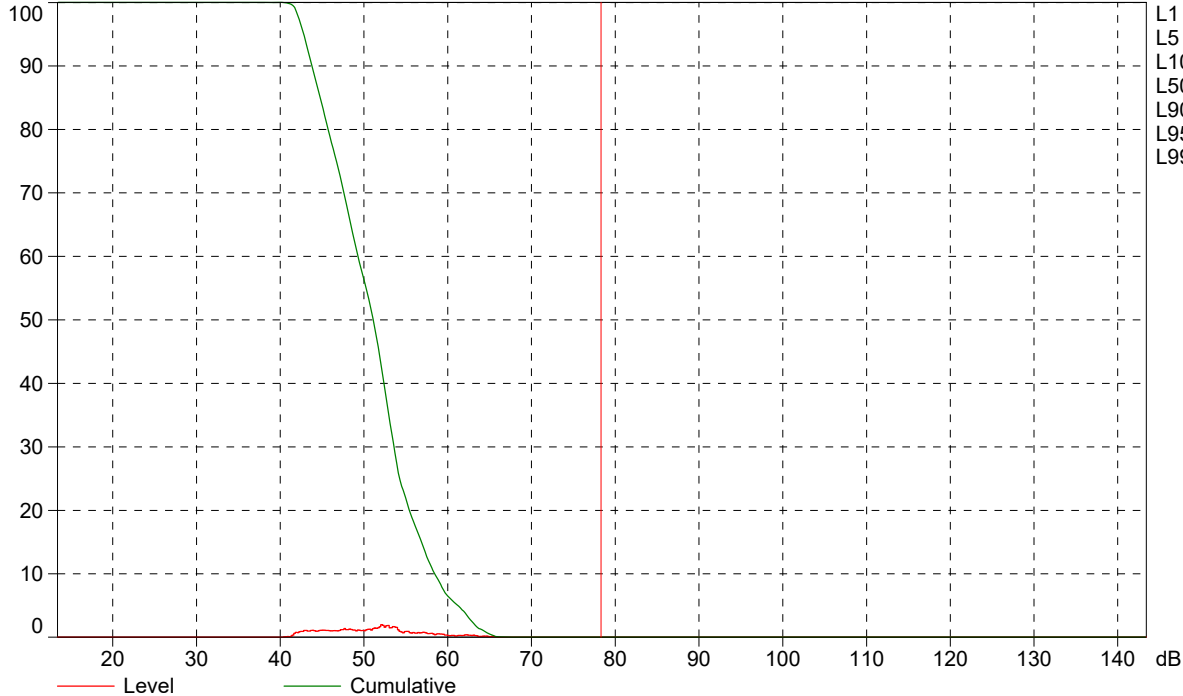
	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	57.2	68.0	40.3
Time	10:29:38 AM	0:10:00				
Date	08/30/2023					





COLLINS_002 Periodic reports

% Based on LAF, 10ms Class width: 0.2 dB 08/30/2023 10:29:38 AM - 10:39:38 AM



- L1 = 64.2 dB
- L5 = 61.1 dB
- L10 = 58.3 dB
- L50 = 51.0 dB
- L90 = 43.7 dB
- L95 = 42.7 dB
- L99 = 41.7 dB

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