

APPENDIX E

Noise Data

Site Number: ST-1			
Recorded By: Eddie Torres			
Job Number: 163306			
Date: November 15, 2017			
Time: 8:54 A.M.			
Location: Approximately 52 feet to the west of 50 Wagon Wheel Road			
Source of Peak Noise: Traffic along Wagon Wheel Road			
Noise Data			
Leq (dB)	Lmin (dB)	Lmax (dB)	Peak (dB)
60.8	47.9	79.2	95.6

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	3/27/2017	
	Microphone	Brüel & Kjær	4189	3086765	3/27/2017	
	Preamp	Brüel & Kjær	ZC 0032	25380	3/27/2017	
	Calibrator	Brüel & Kjær	4231	2545667	3/27/2017	
Weather Data						
Est.	Duration: 10 minutes			Sky: ☀ Sunny		
	Note: dBA Offset = 0.01			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	6		42		30.21	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.2
Start Time:		11/15/2017 08:54:52
End Time:		11/15/2017 09:04:52
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.04

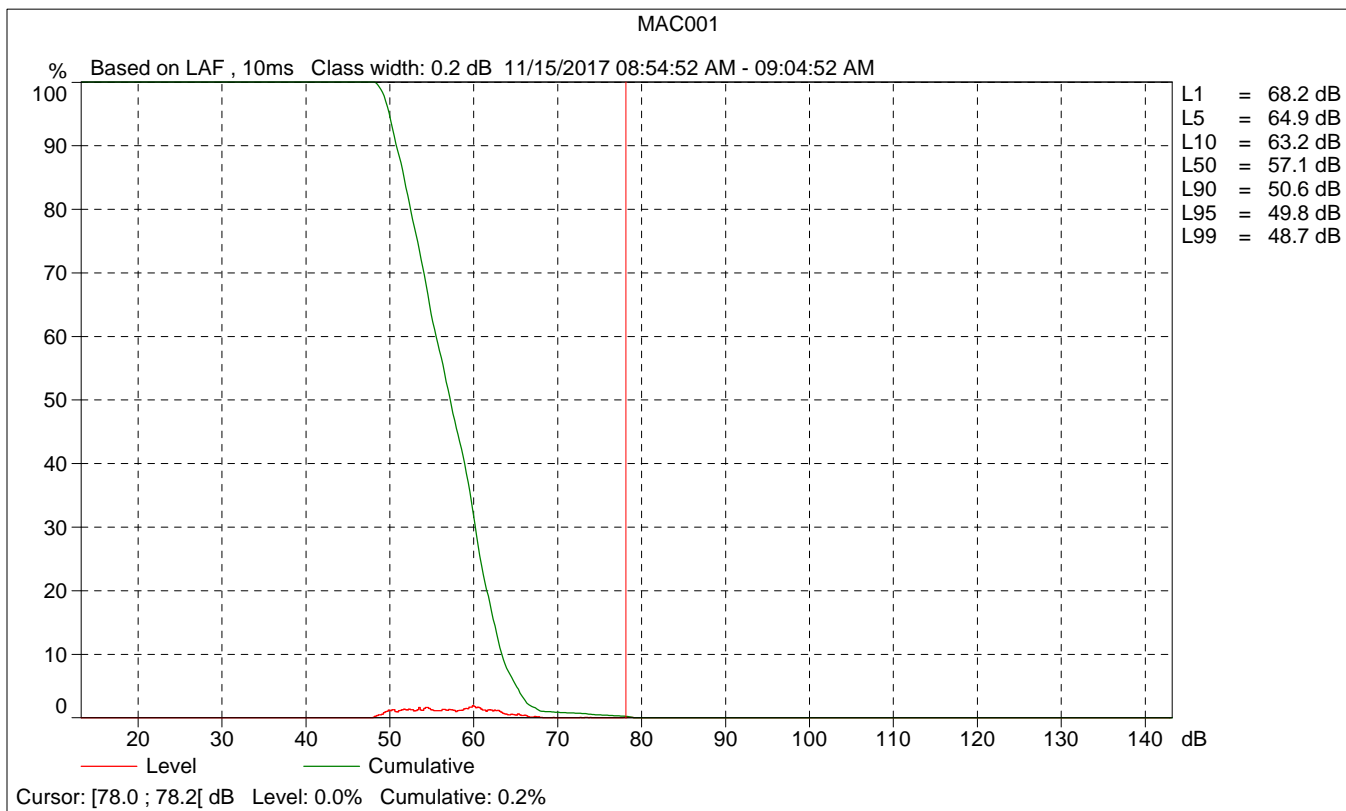
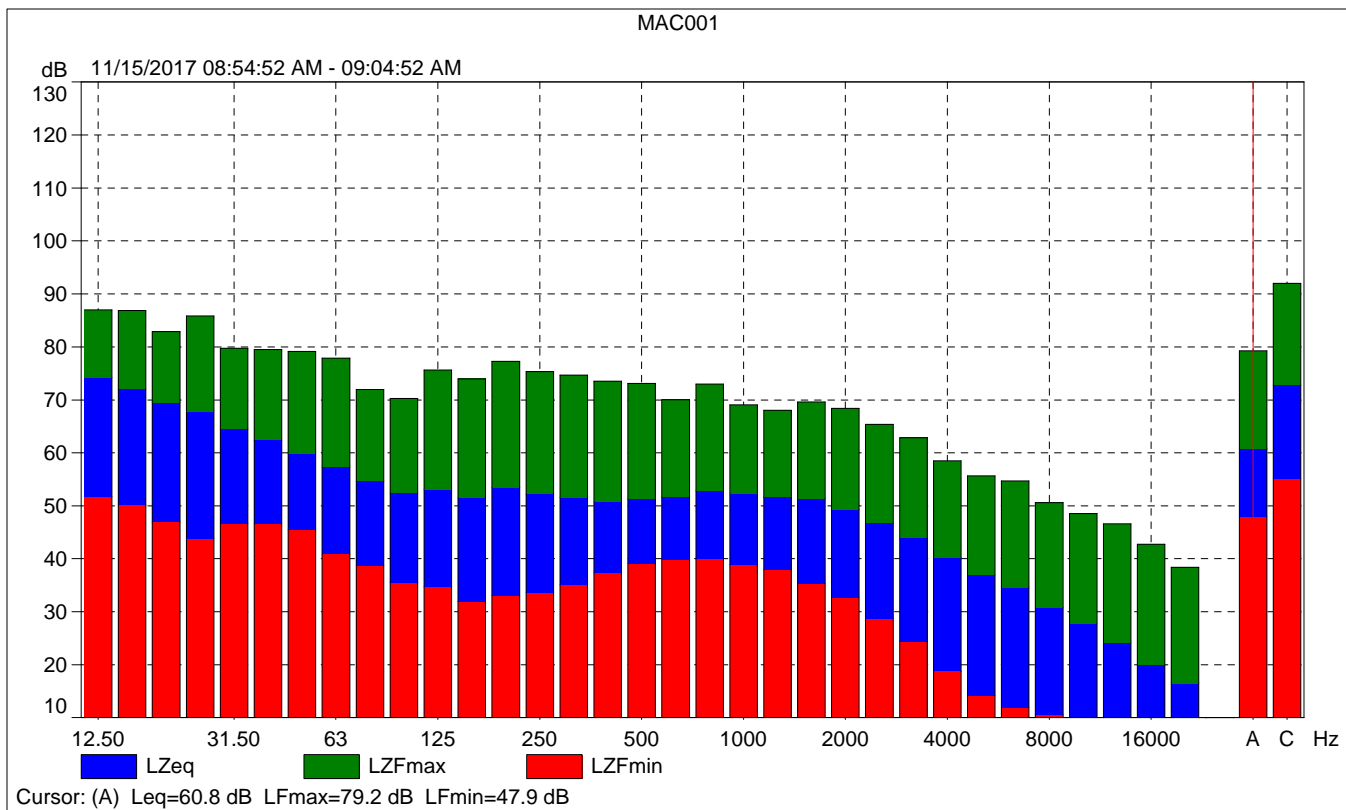
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

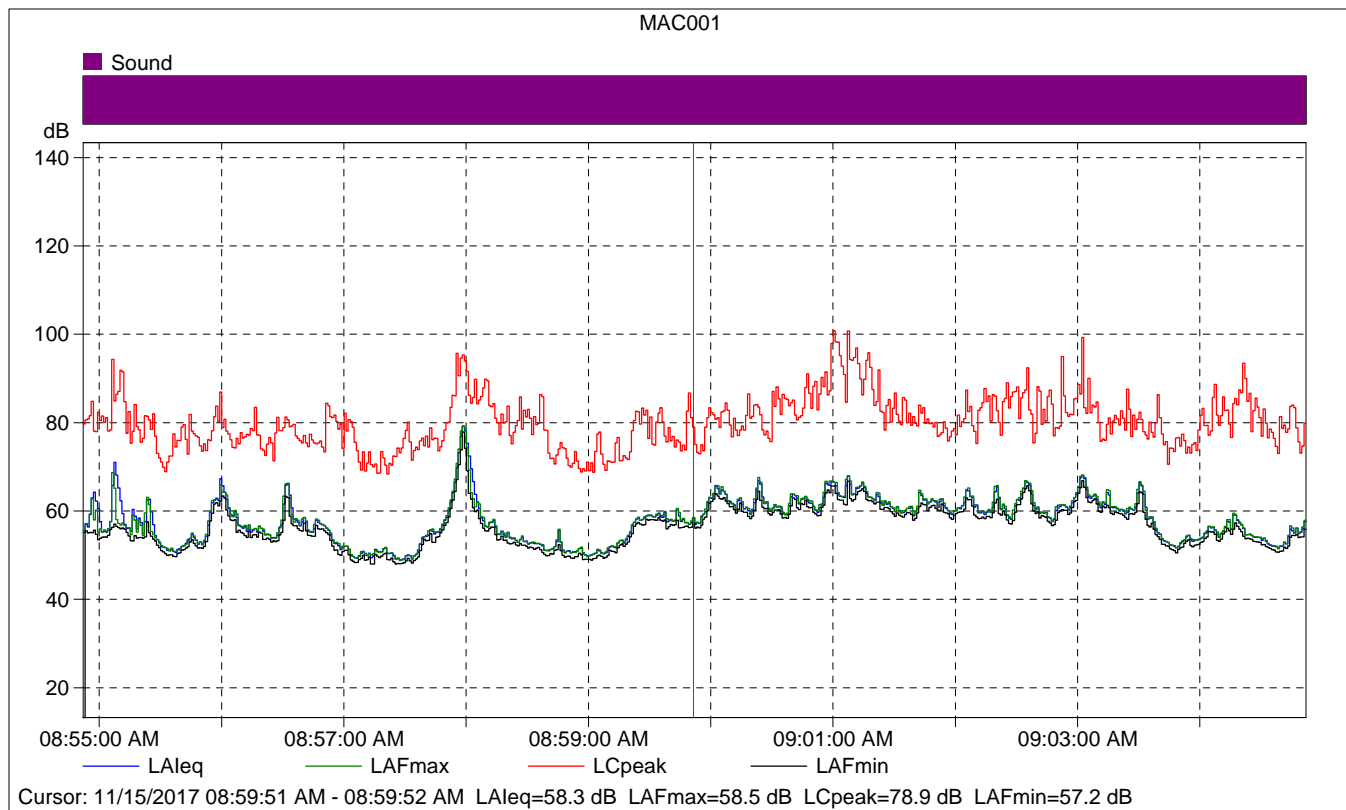
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		None
Sound Field Correction:		Free-field

Calibration Time:		11/13/2017 09:40:48
Calibration Type:		External reference
Sensitivity:		44.0053008496761 mV/Pa

MAC001

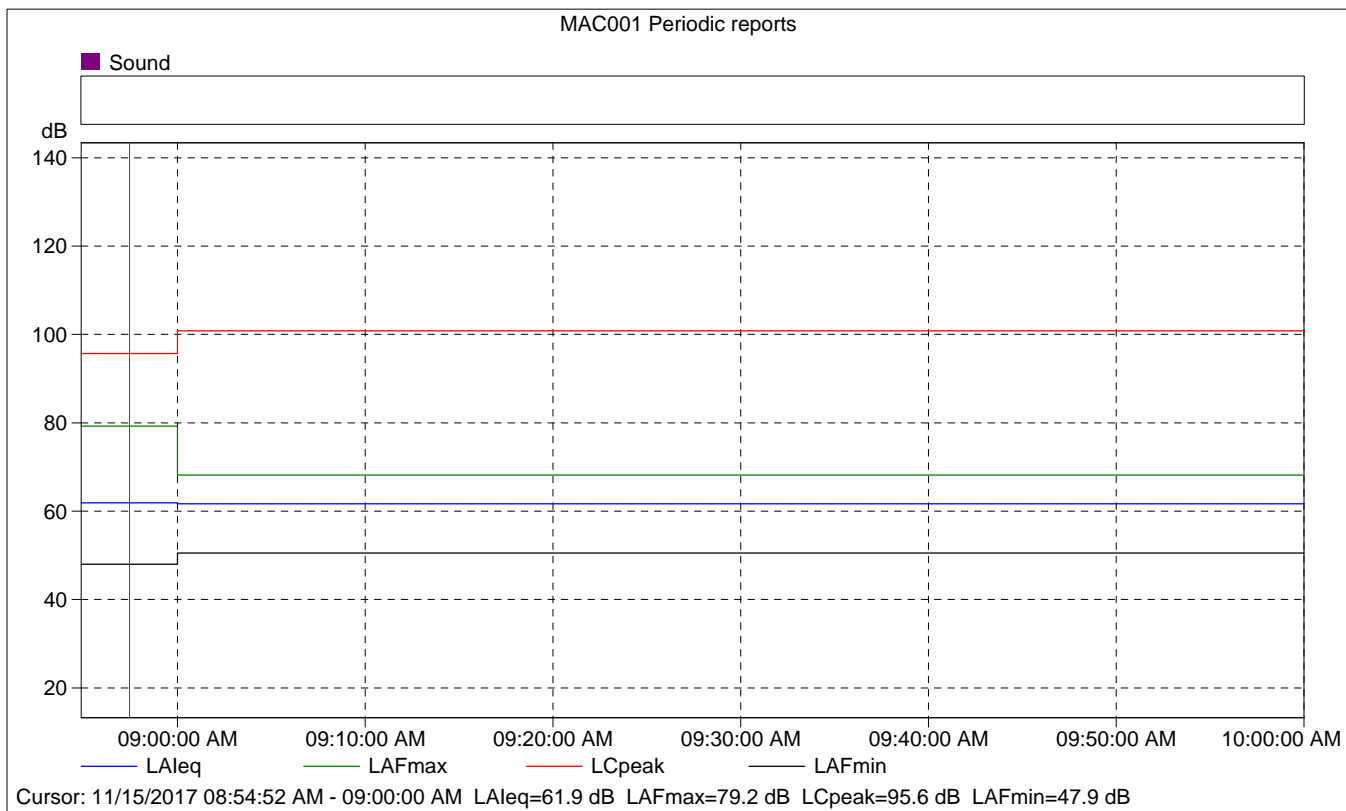
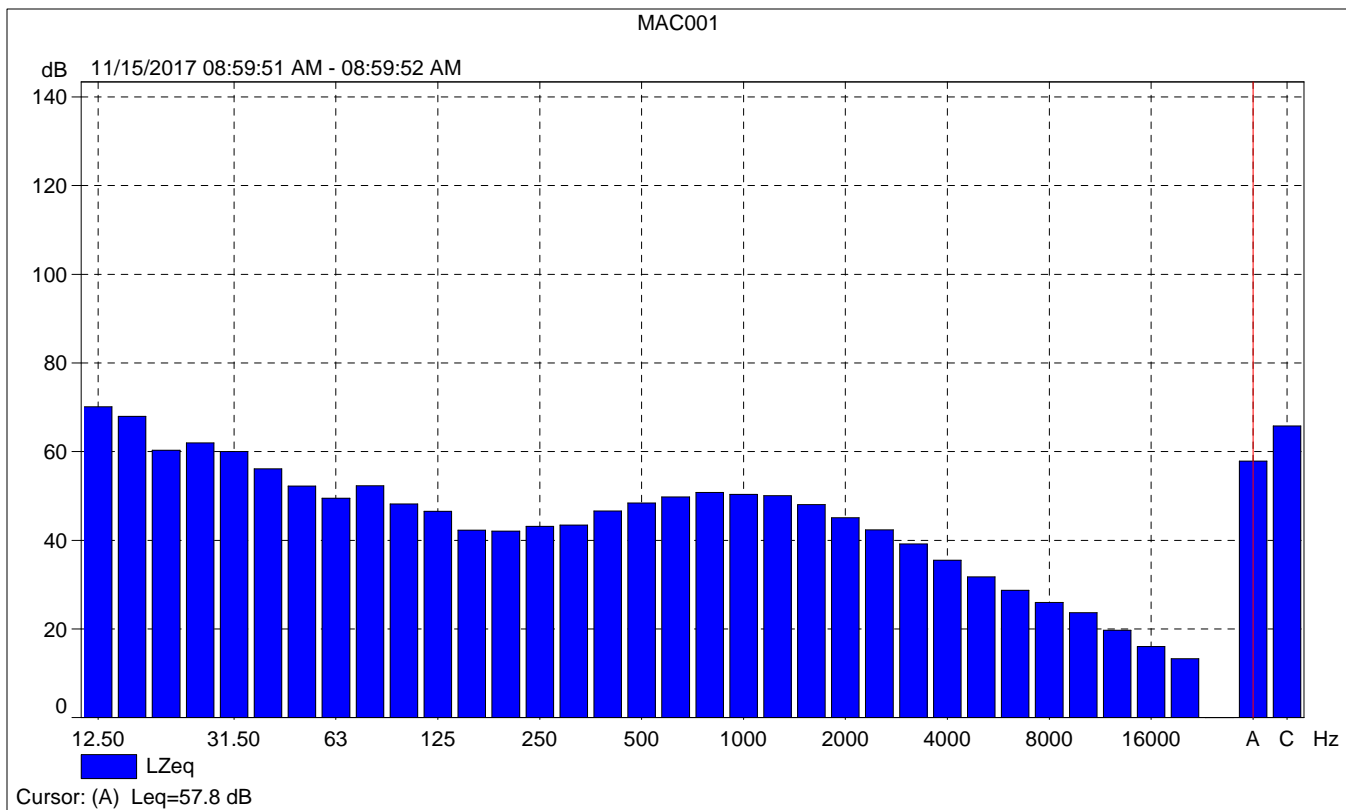
	Start time	End time	Elapsed time	Overload [%]	L _{Aeq} [dB]	L _{AFmax} [dB]	L _{AFmin} [dB]
Value				0.00	60.8	79.2	47.9
Time	08:54:52 AM	09:04:52 AM	0:10:00				
Date	11/15/2017	11/15/2017					





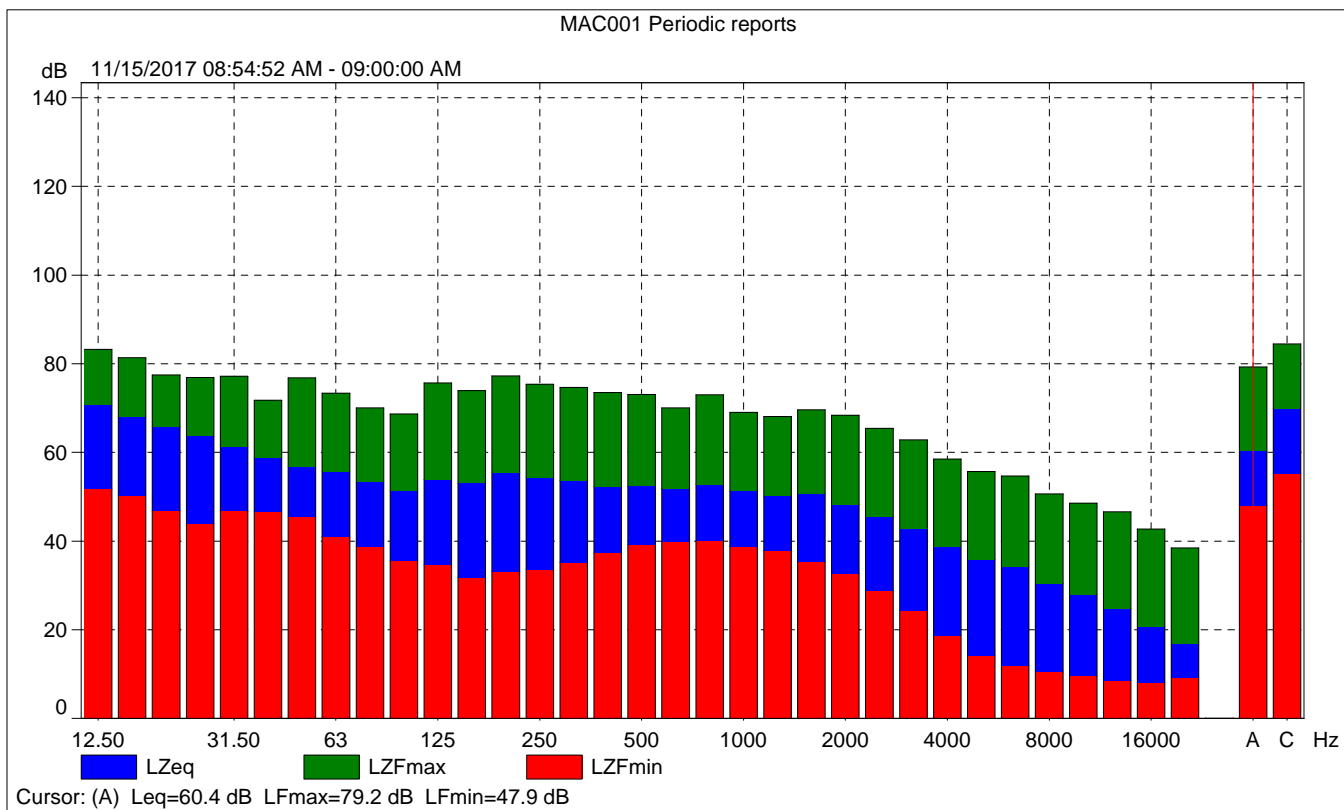
MAC001

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			58.3	58.5	57.2
Time	08:59:51 AM	0:00:01			
Date	11/15/2017				



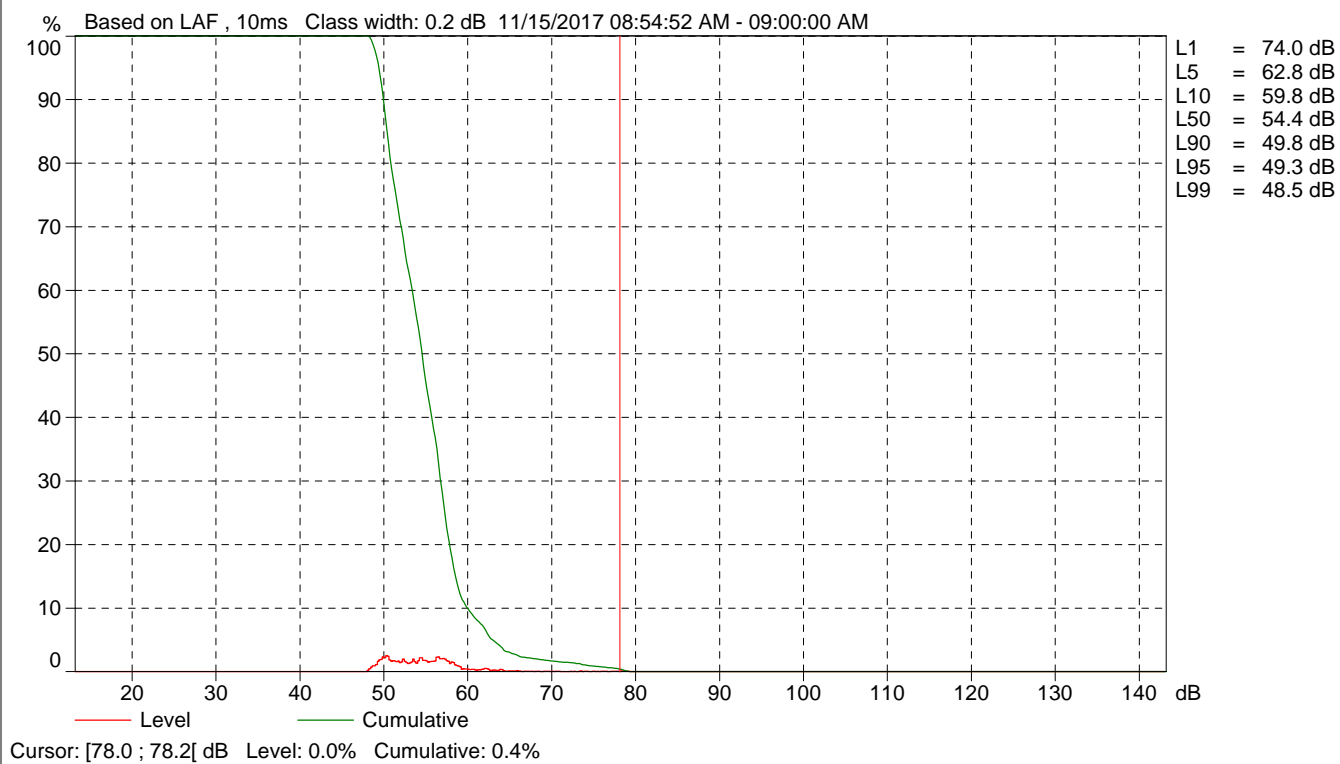
MAC001 Periodic reports

	Start time	Elapsed time	Overload [%]	LAleq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	61.9	79.2	47.9
Time	08:54:52 AM	0:05:08				
Date	11/15/2017					





MAC001 Periodic reports



Site Number: ST-2			
Recorded By: Eddie Torres			
Job Number: 163306			
Date: November 15, 2017			
Time: 9:18 A.M.			
Location: Approximately 67 feet to the east of 258 Wagon Wheel Road			
Source of Peak Noise: Traffic along Wagon Wheel Road			
Noise Data			
Leq (dB)	Lmin (dB)	Lmax (dB)	Peak (dB)
55.7	46.3	65.3	99.8

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	3/27/2017	
	Microphone	Brüel & Kjær	4189	3086765	3/27/2017	
	Preamp	Brüel & Kjær	ZC 0032	25380	3/27/2017	
	Calibrator	Brüel & Kjær	4231	2545667	3/27/2017	
Weather Data						
Est.	Duration: 10 minutes			Sky: ☀ Sunny		
	Note: dBA Offset = 0.01			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	6		42		30.21	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 4.7.2
Start Time:		11/15/2017 09:18:41
End Time:		11/15/2017 09:28:41
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.04

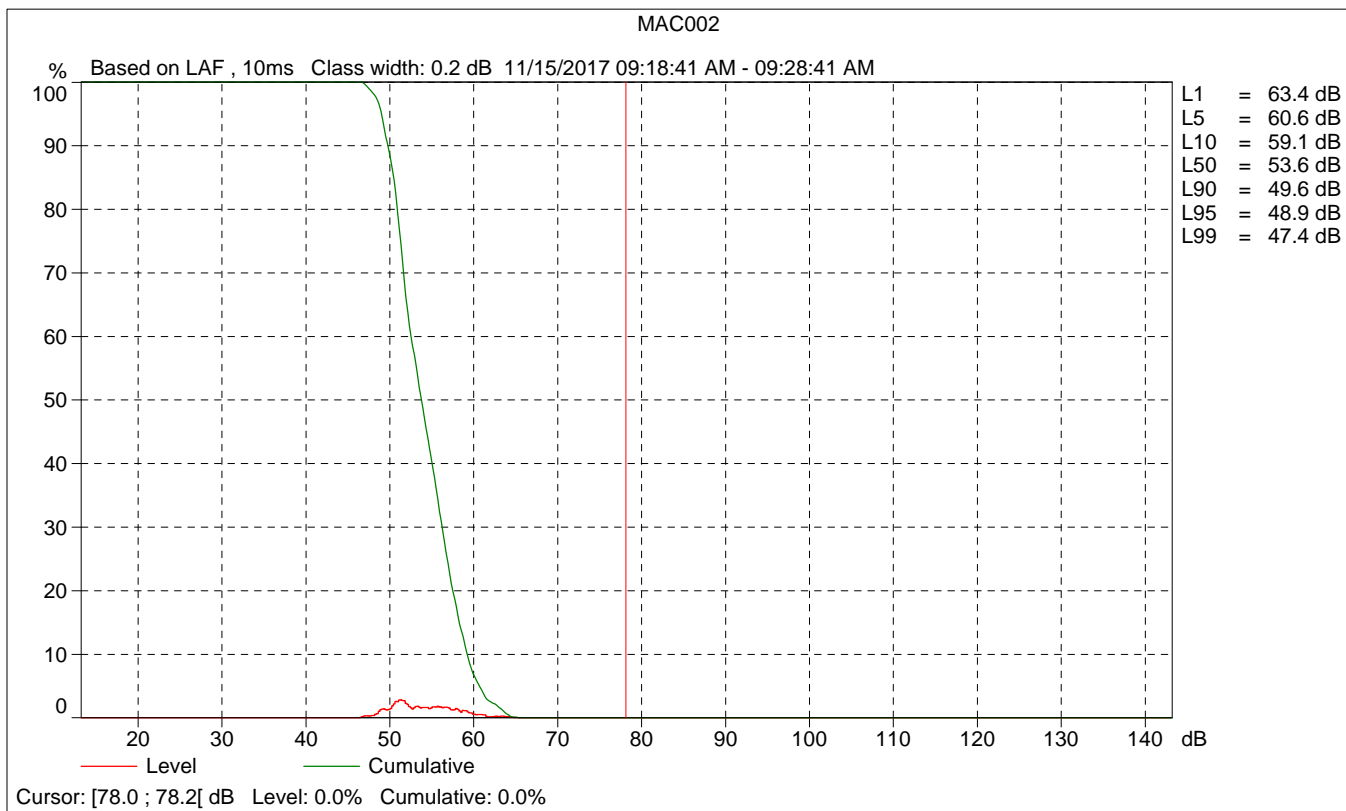
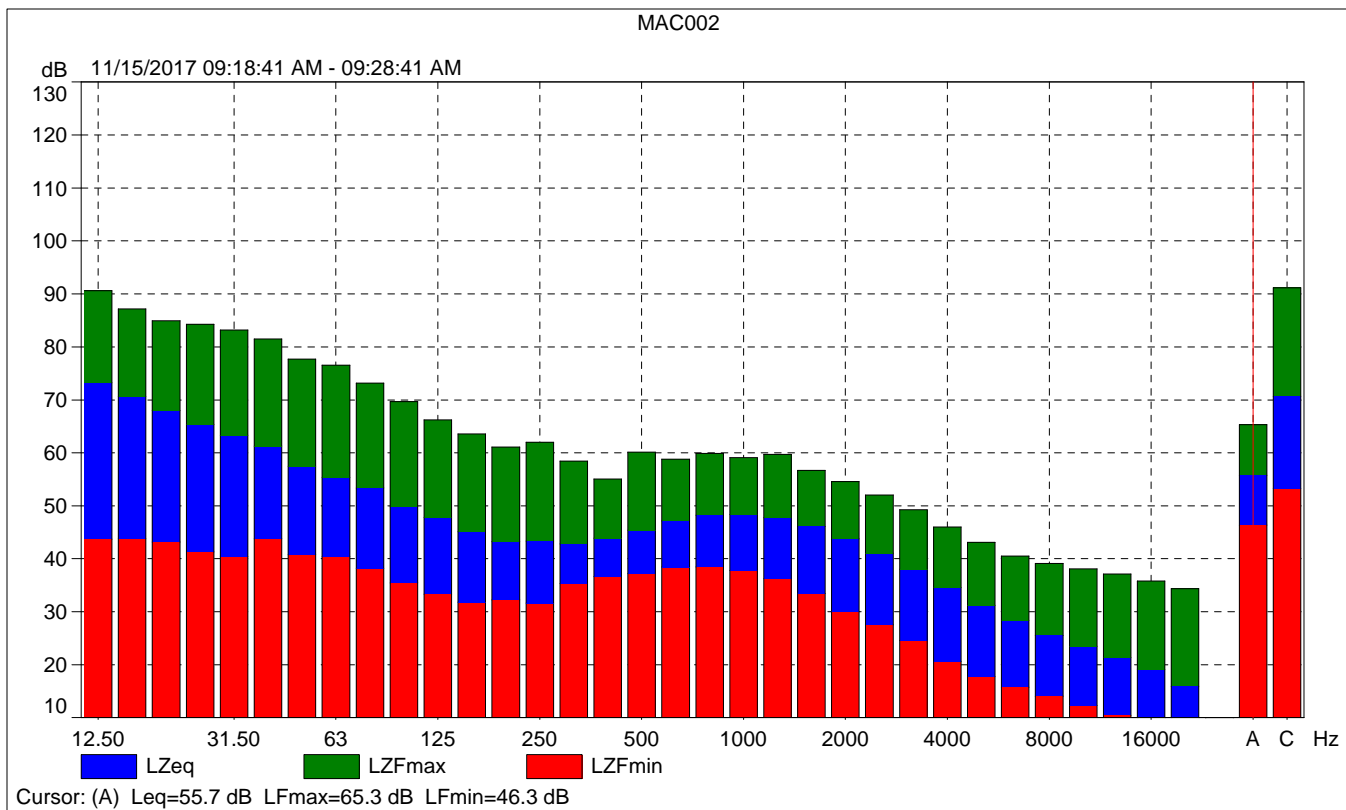
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

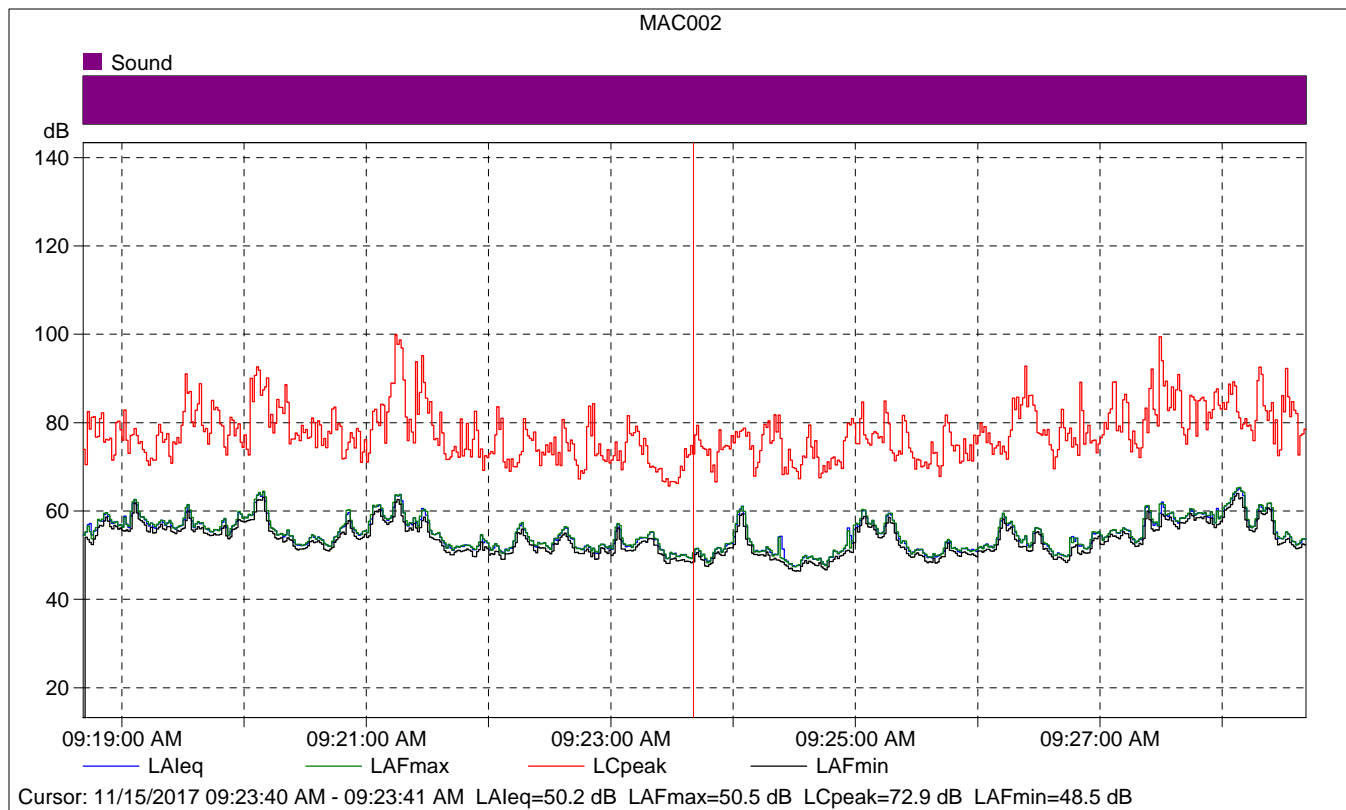
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		11/13/2017 09:40:48
Calibration Type:		External reference
Sensitivity:		44.0053008496761 mV/Pa

MAC002

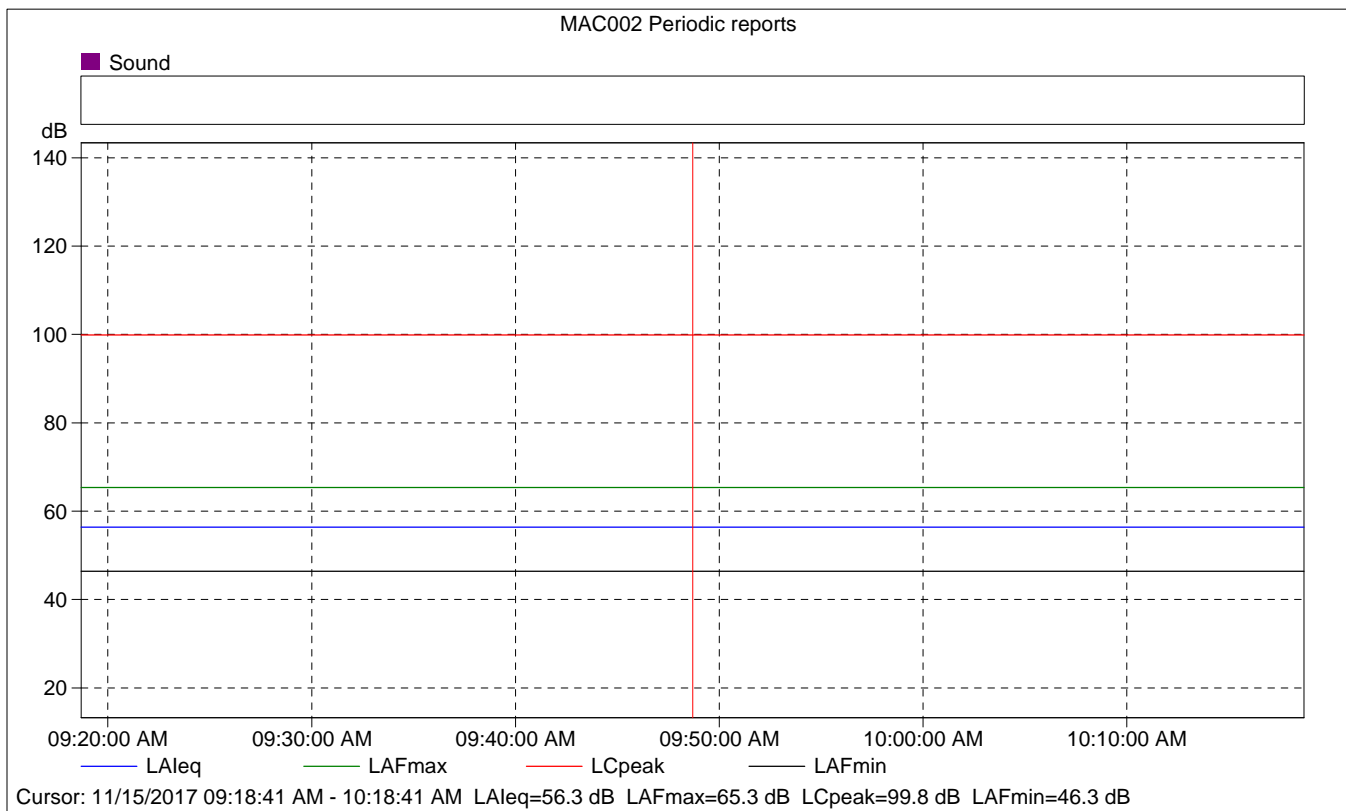
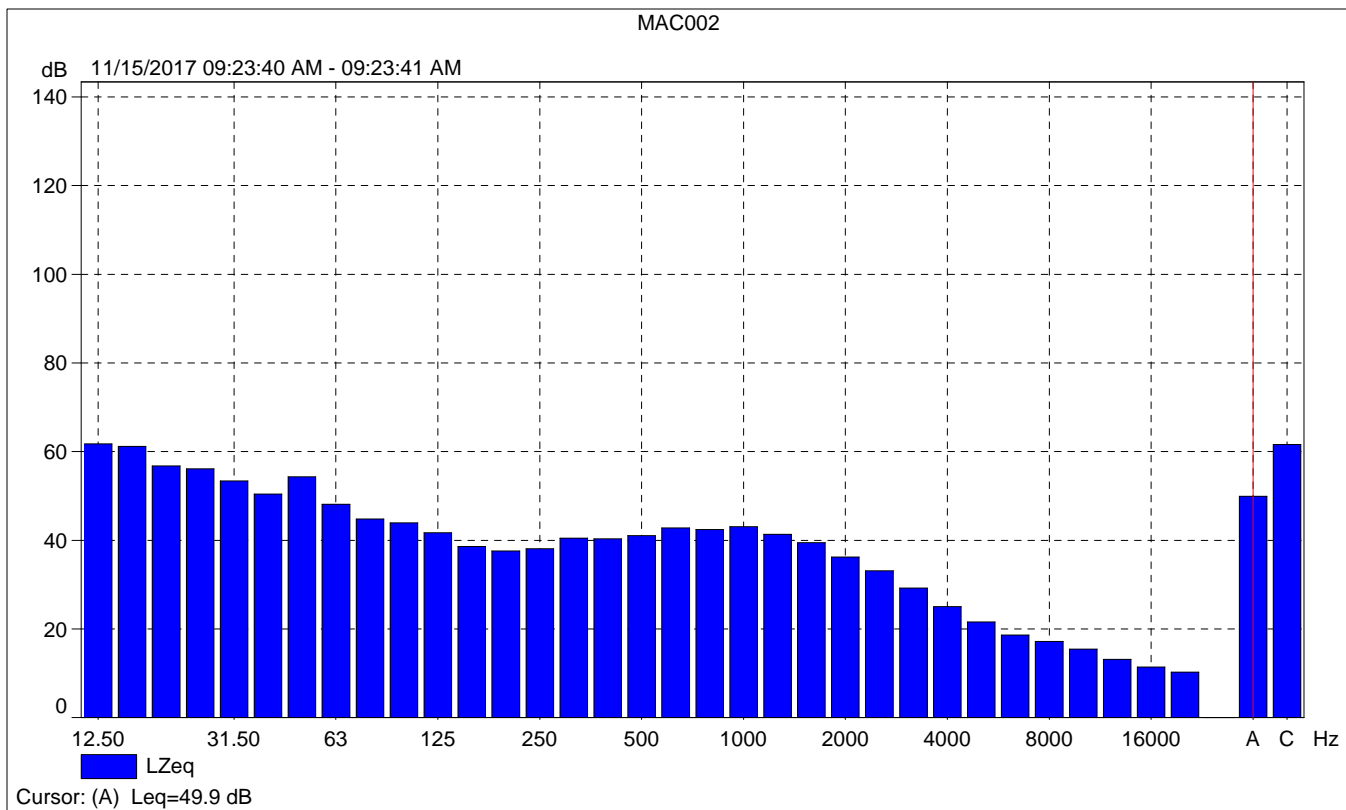
	Start time	End time	Elapsed time	Overload [%]	L _{Aeq} [dB]	L _A F _{max} [dB]	L _A F _{min} [dB]
Value				0.00	55.7	65.3	46.3
Time	09:18:41 AM	09:28:41 AM	0:10:00				
Date	11/15/2017	11/15/2017					





MAC002

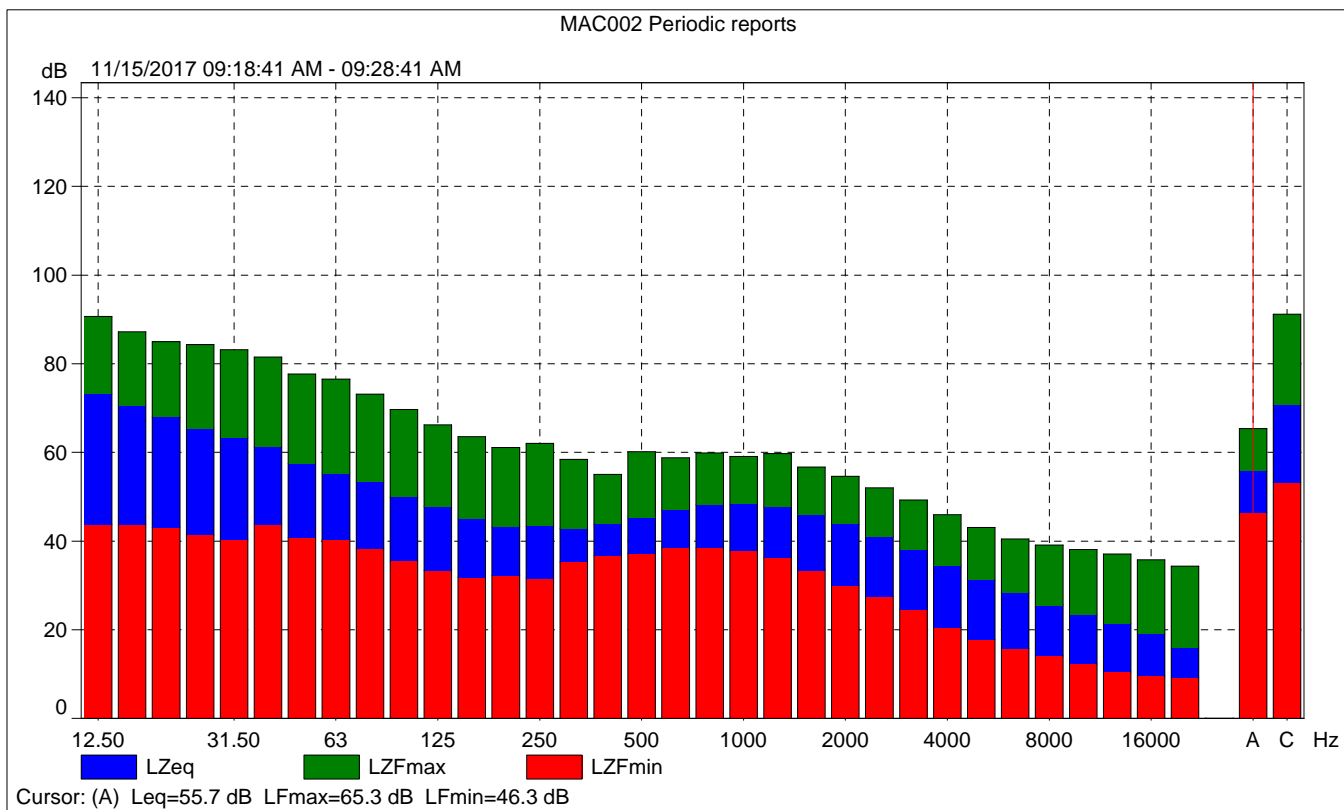
	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			50.2	50.5	48.5
Time	09:23:40 AM	0:00:01			
Date	11/15/2017				





MAC002 Periodic reports

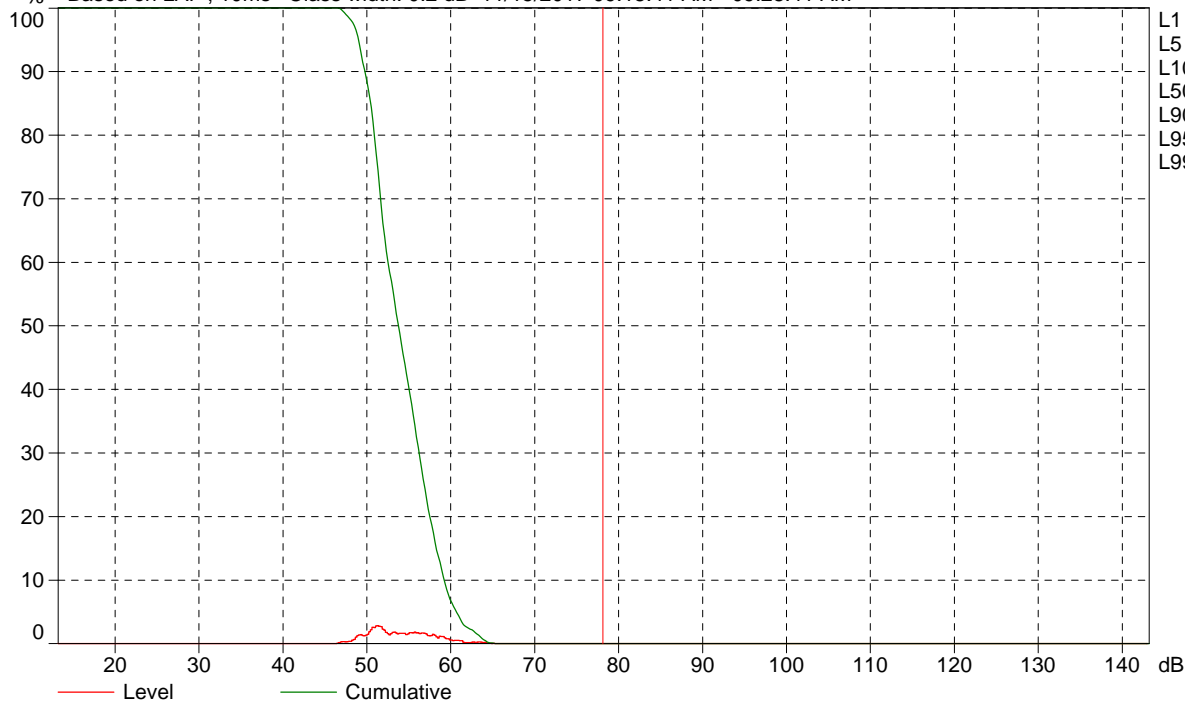
	Start time	Elapsed time	Overload [%]	LAEq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	56.3	65.3	46.3
Time	09:18:41 AM	0:10:00				
Date	11/15/2017					



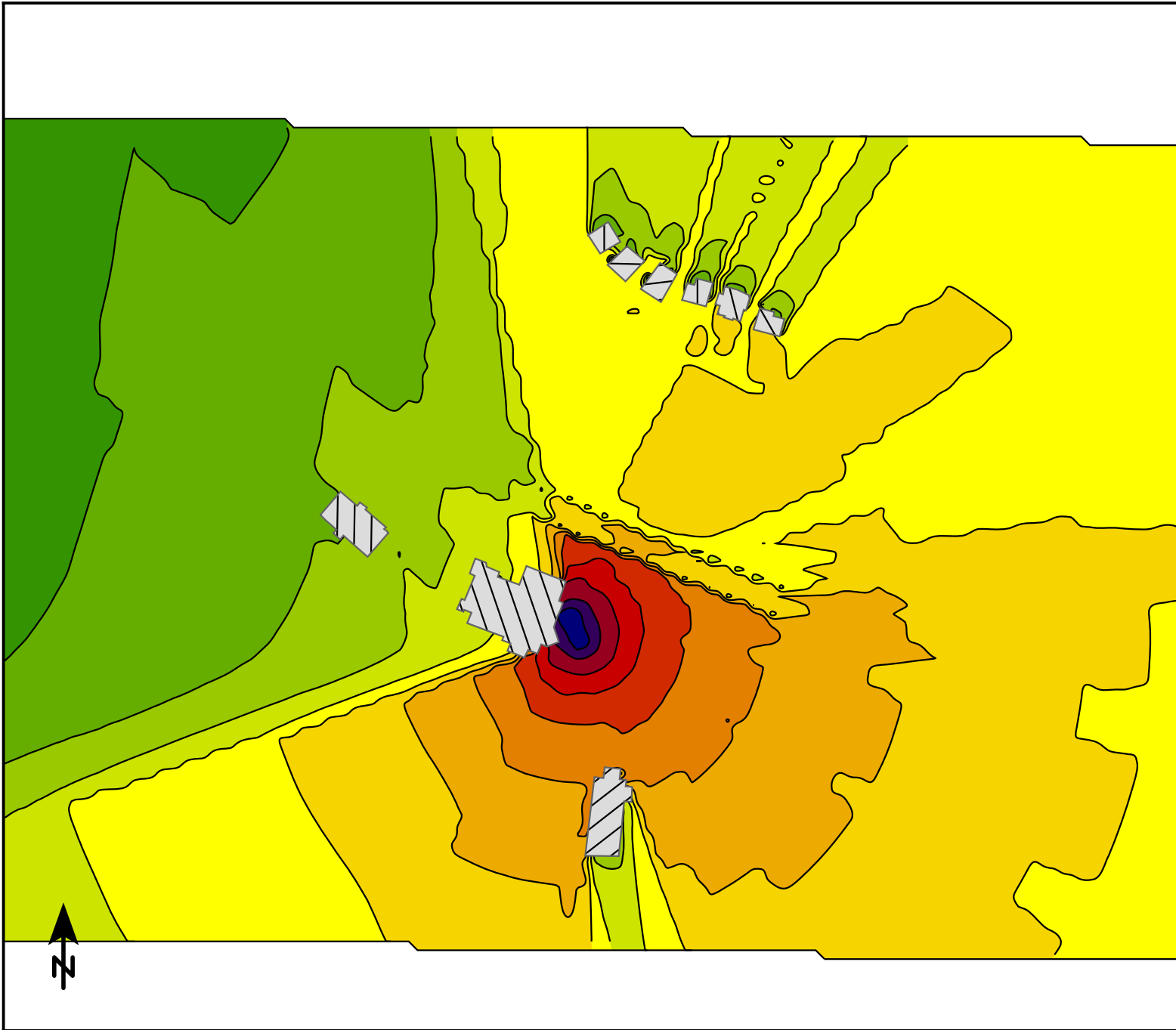


MAC002 Periodic reports

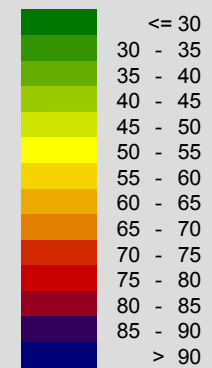
% Based on LAF, 10ms Class width: 0.2 dB 11/15/2017 09:18:41 AM - 09:28:41 AM



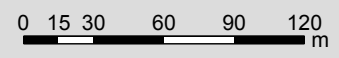
Cursor: [78.0 ; 78.2] dB Level: 0.0% Cumulative: 0.0%

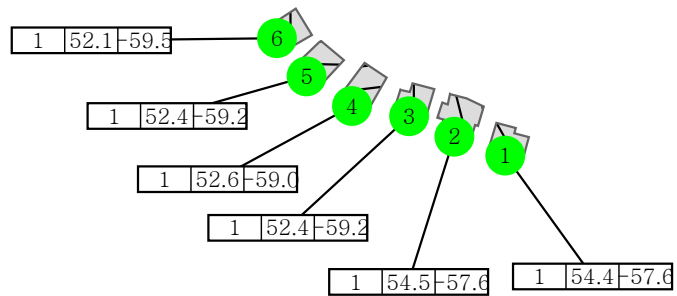



Levels in dB(A)



1 : 3227





 Receiver at building

1 : 3227

