

**APPENDIX D:**  
**NOISE SPREADSHEETS AND MODELING OUTPUTS**



<b>Site Number:</b> Artis Senior Housing Project - Site #1			
<b>Recorded By:</b> Jordan Taylor & Nathan Levey			
<b>Job Number:</b> 175552			
<b>Date:</b> 12/11/2019			
<b>Time:</b> 10:09 a.m.			
<b>Location:</b> In front of 1159 Altura Terrace Arcadia, CA 91007			
<b>Source of Peak Noise:</b> Trash collecting truck on Altura Terrace Arcadia.			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
73.5	93.3	47.8	100.3

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.	<b>Duration:</b> 10 minutes			<b>Sky:</b> Sunny		
	<b>Note:</b> dBA Offset = -0.01			<b>Sensor Height (ft):</b> 5 ft		
	<b>Wind Ave Speed (mph / m/s)</b>		<b>Temperature (degrees Fahrenheit)</b>		<b>Barometer Pressure (inches)</b>	
	4 mph		59°		30.21	

**Photo of Measurement Location**



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		12/11/2019 10:09:18
End Time:		12/11/2019 10:19:18
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.09

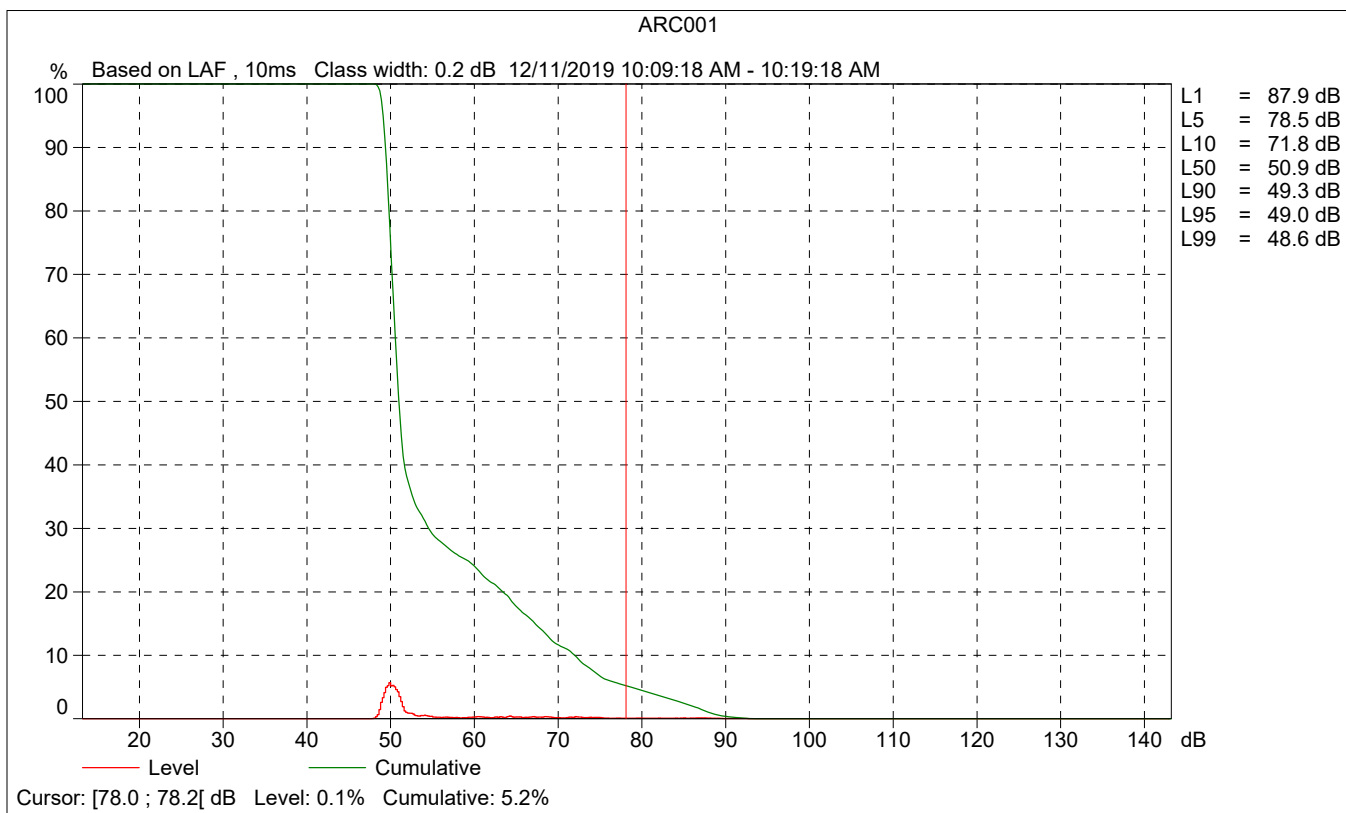
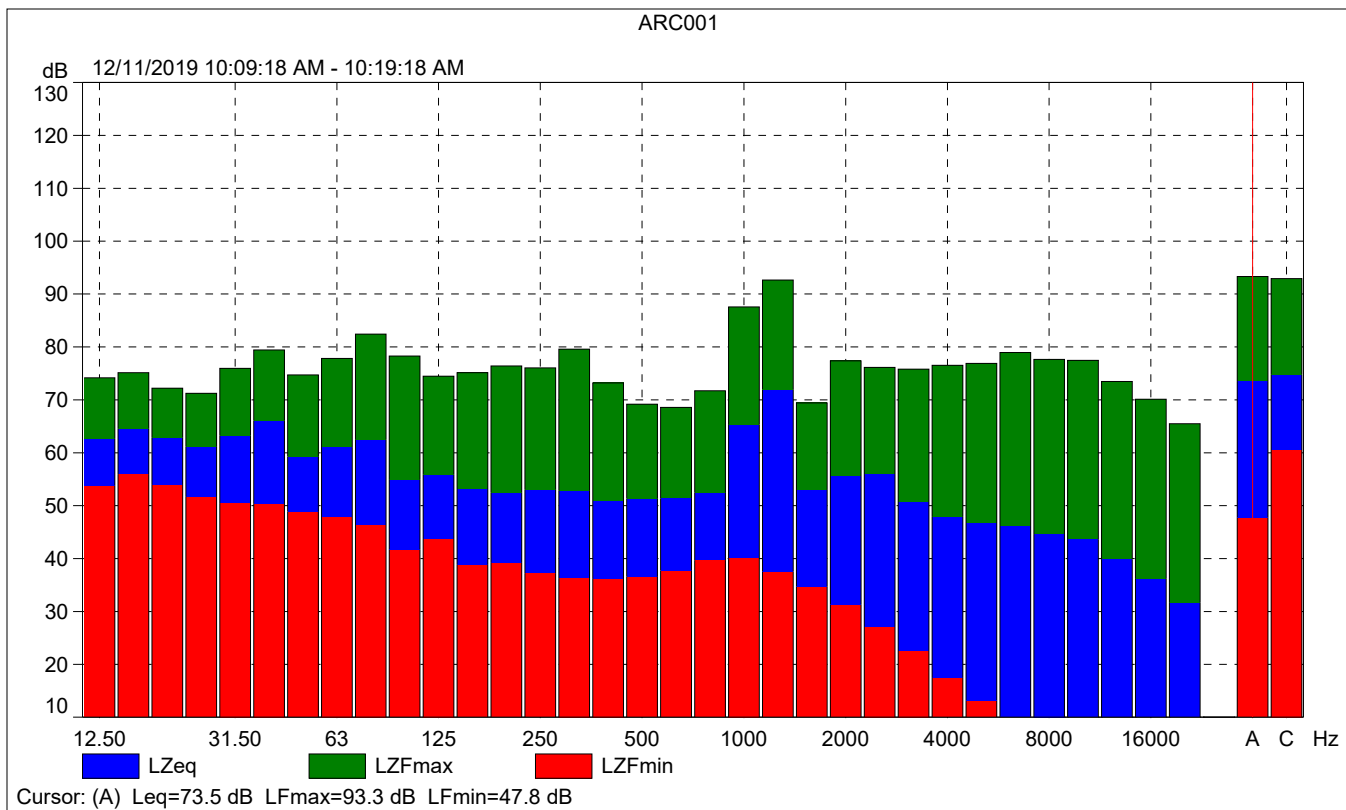
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

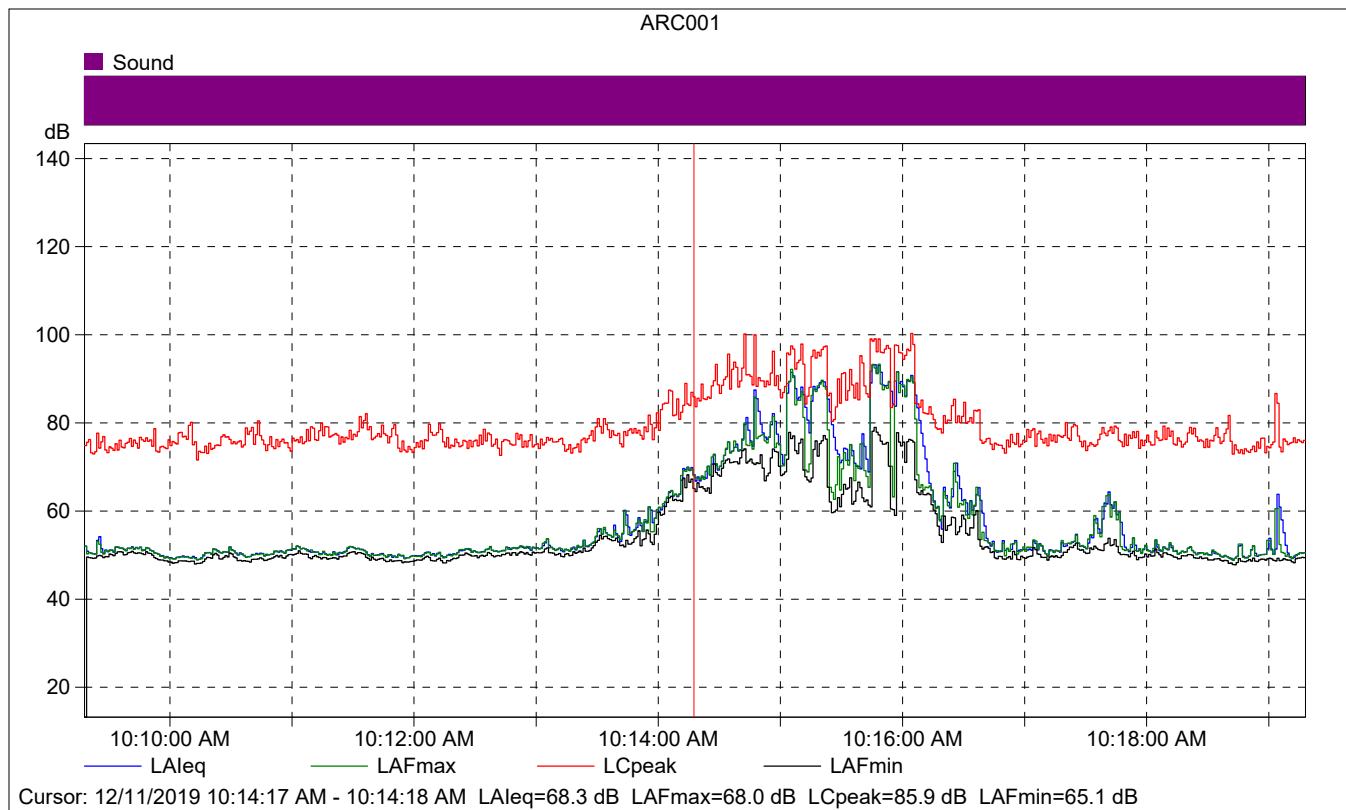
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		12/11/2019 08:16:02
Calibration Type:		External reference
Sensitivity:		43.7632948160172 mV/Pa

ARC001

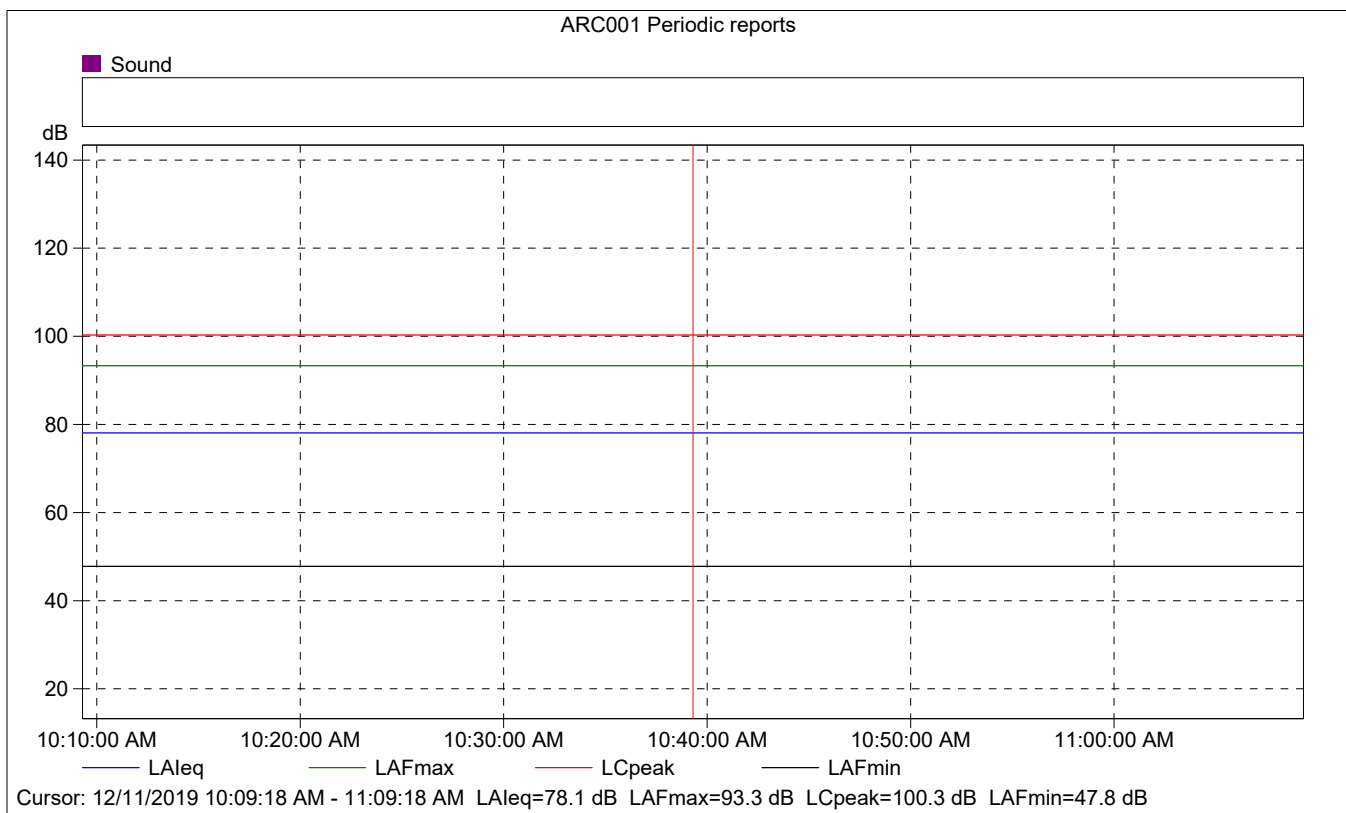
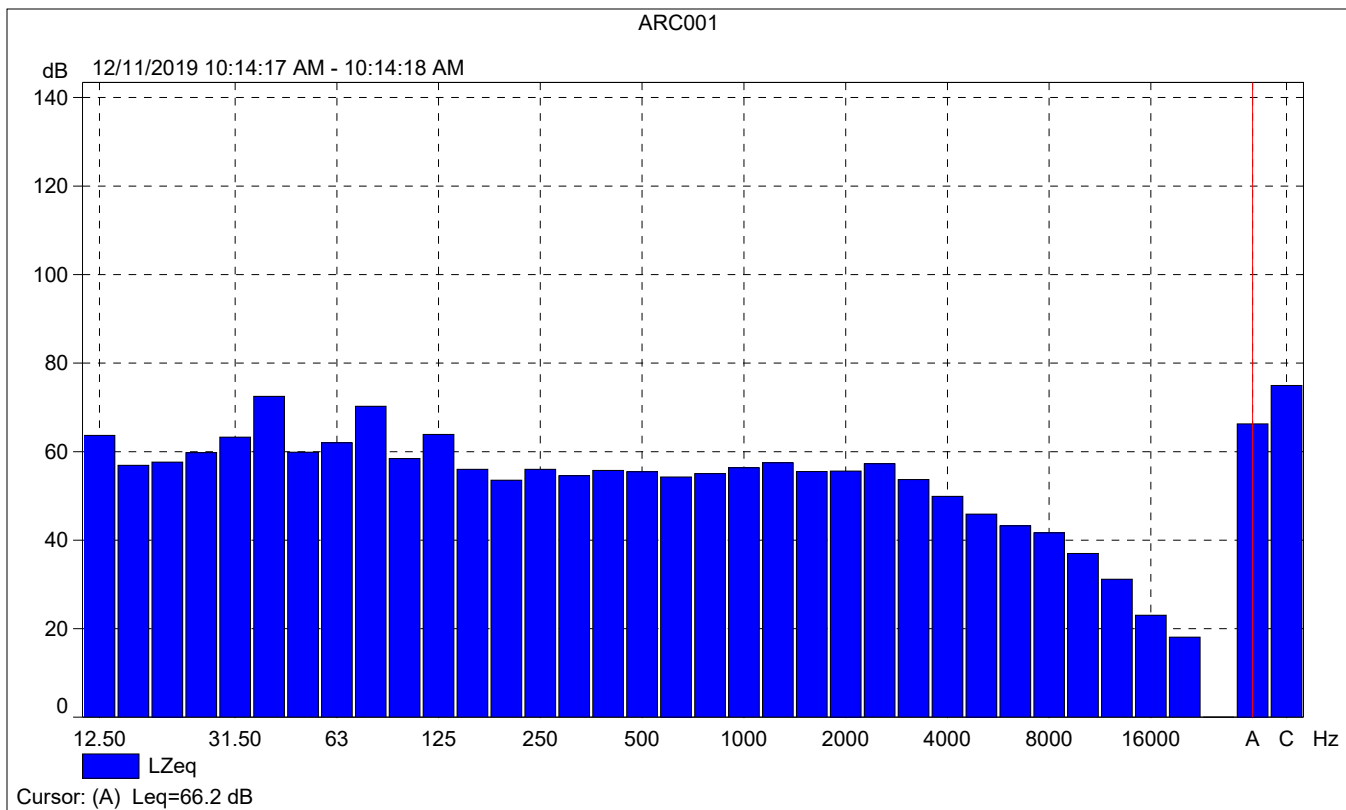
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	73.5	93.3	47.8
Time	10:09:18 AM	10:19:18 AM	0:10:00				
Date	12/11/2019	12/11/2019					





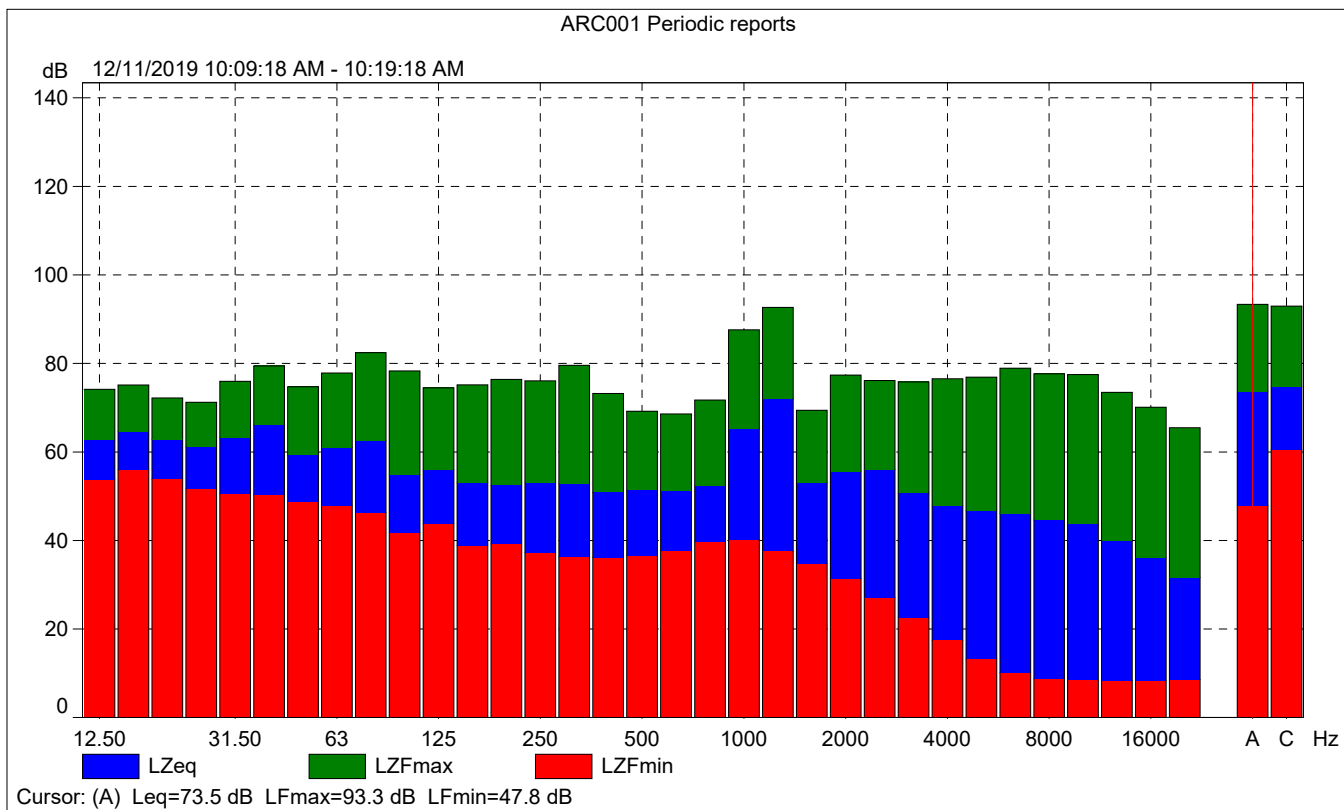
### ARC001

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			68.3	68.0	65.1
Time	10:14:17 AM	0:00:01			
Date	12/11/2019				



# ARC001 Periodic reports

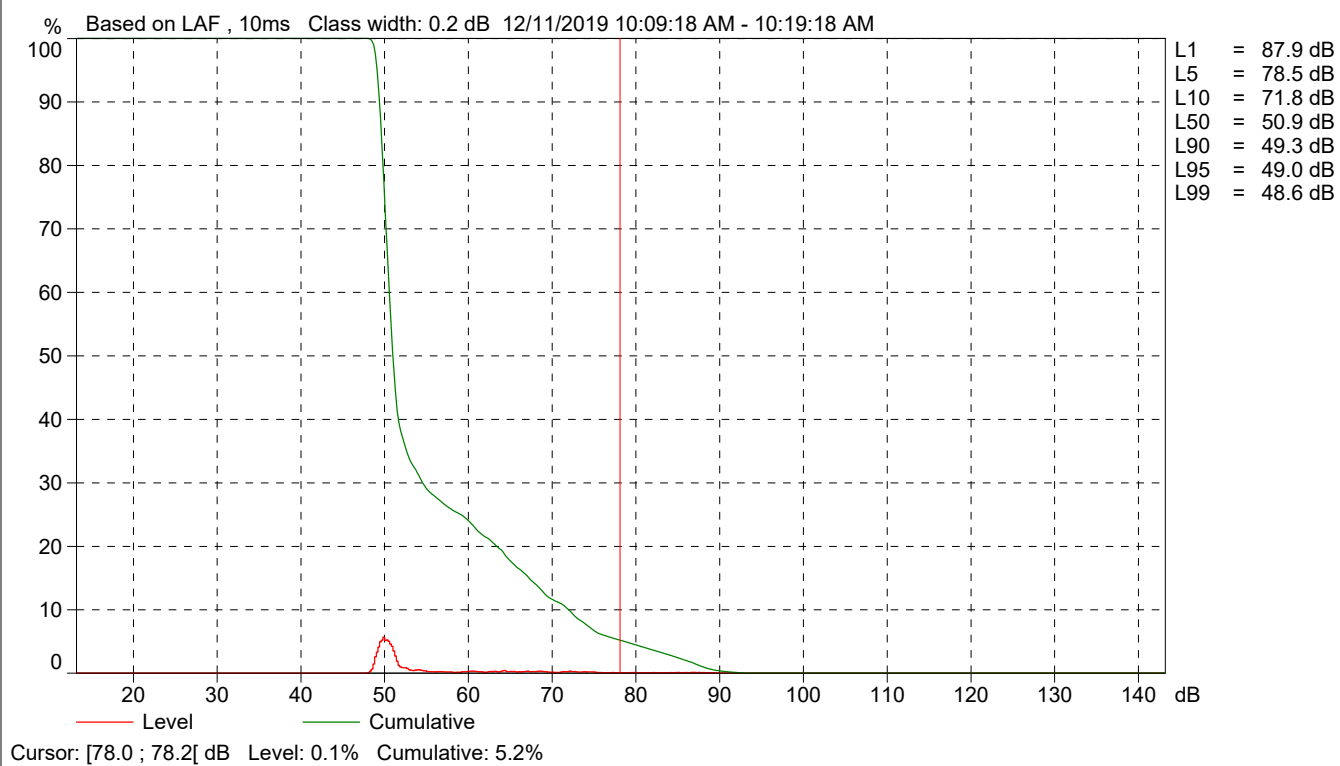
	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	78.1	93.3	47.8
Time	10:09:18 AM	0:10:00				
Date	12/11/2019					







ARC001 Periodic reports



<b>Site Number:</b> Artis Senior Housing Project - Site #2			
<b>Recorded By:</b> Taylor Jordan & Nathan Levy			
<b>Job Number:</b> 175552			
<b>Date:</b> 12/11/2019			
<b>Time:</b> 10:26 a.m.			
<b>Location:</b> Northeast corner of Catalpa Road and North Altura Road.			
<b>Source of Peak Noise:</b> Traffic along Catalpa and North Altura Road.			
Noise Data			
<b>Leq (dB)</b>	<b>Lmax(dB)</b>	<b>Lmin (dB)</b>	<b>Peak (dB)</b>
55.5	67.7	51.3	87.2

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	
	Preamplifier	Brüel & Kjær	ZC 0032	25380	04/08/2019	
	Calibrator	Brüel & Kjær	4231	2545667	04/08/2019	
Weather Data						
Est.	<b>Duration:</b> 10 minutes			<b>Sky:</b> Sunny		
	<b>Note:</b> dBA Offset = -0.01			<b>Sensor Height (ft):</b> 5 ft		
	<b>Wind Ave Speed (mph / m/s)</b>		<b>Temperature (degrees Fahrenheit)</b>		<b>Barometer Pressure (inches)</b>	
	4 mph		60		30.21	

**Photo of Measurement Location**





## 2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		12/11/2019 10:26:37
End Time:		12/11/2019 10:36:37
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.09

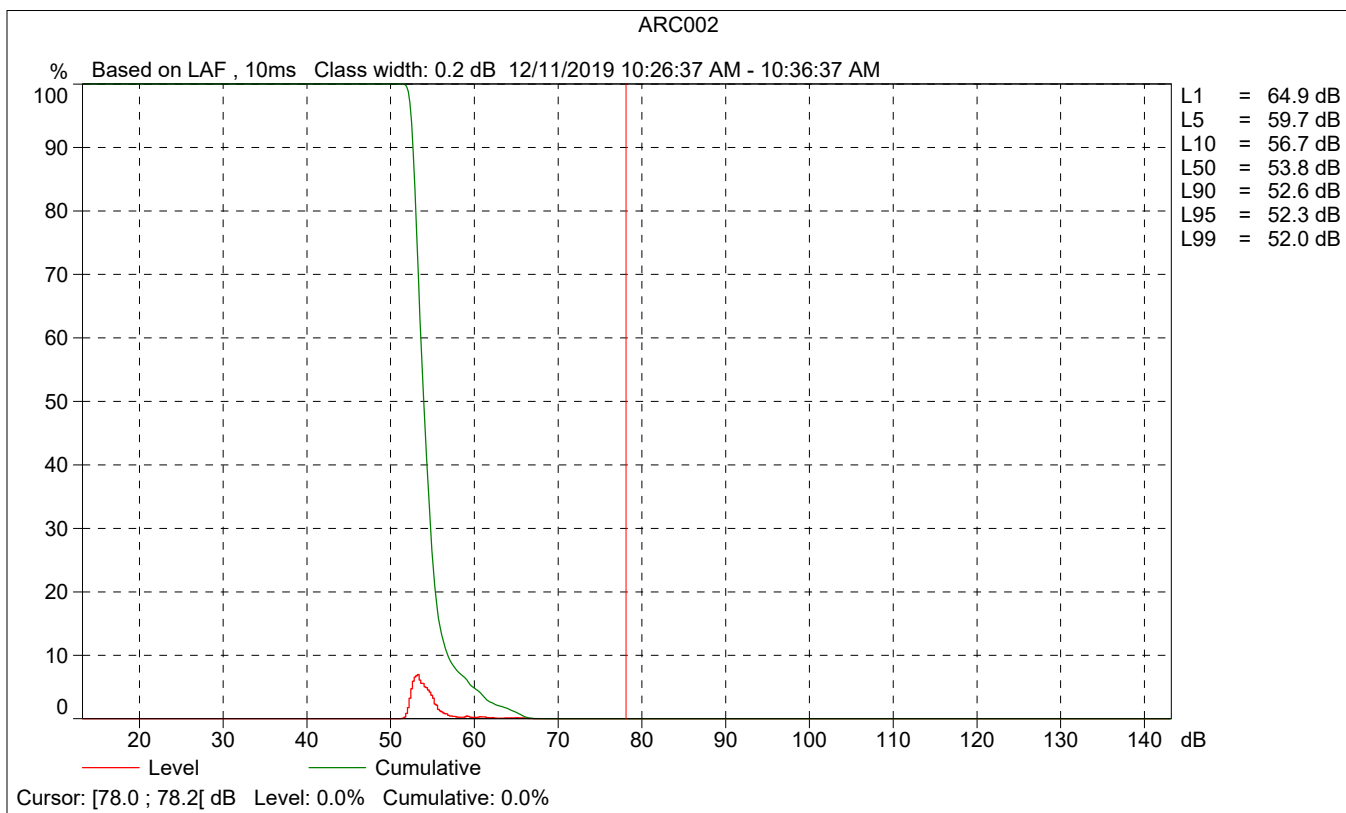
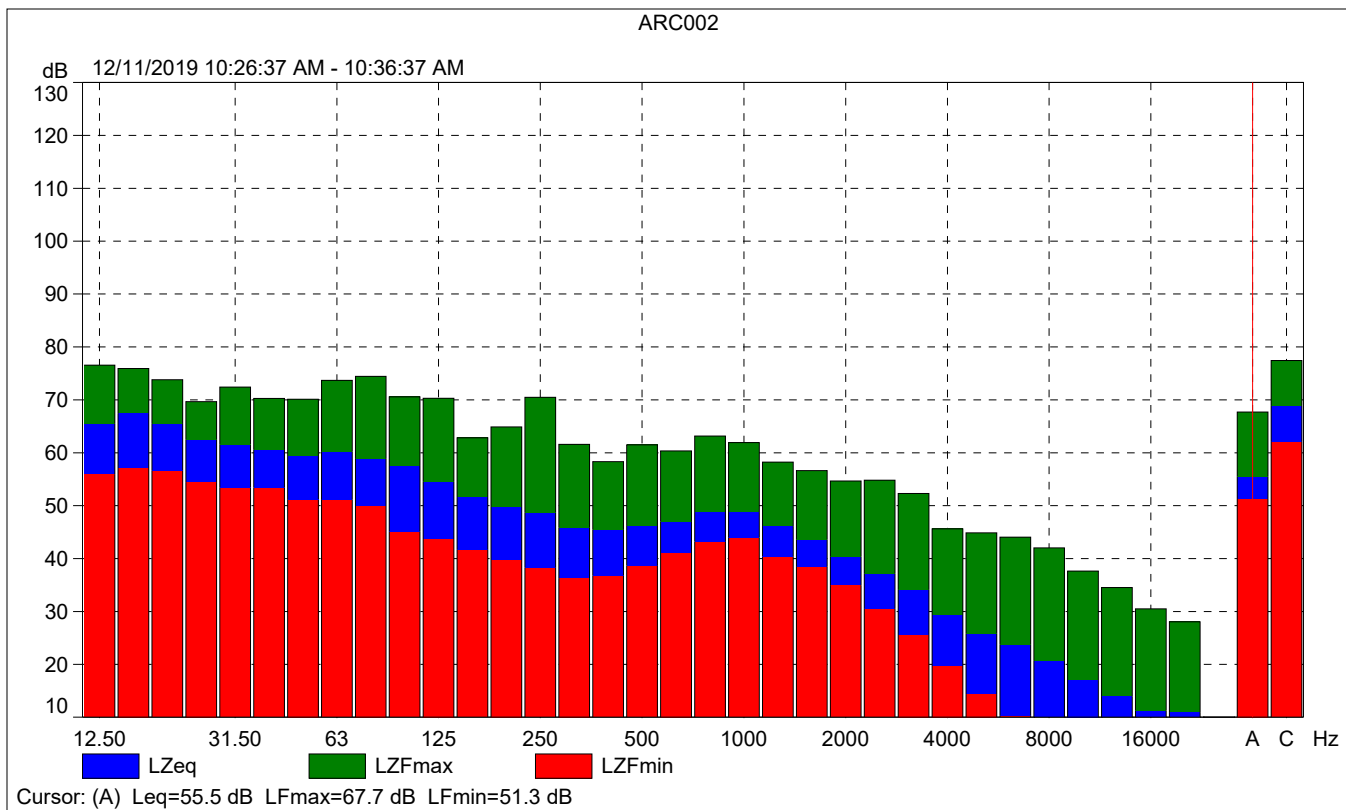
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

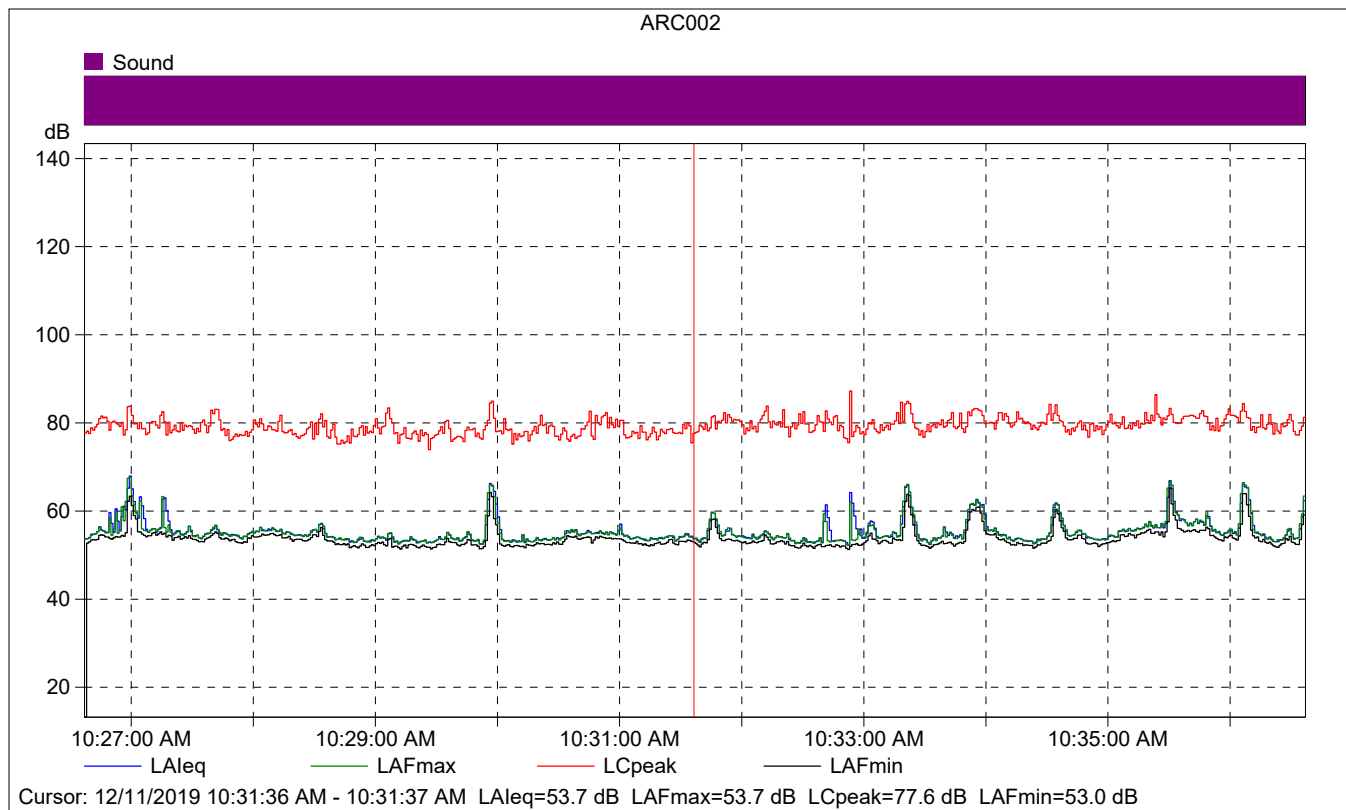
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		None
Sound Field Correction:		Free-field

Calibration Time:		12/11/2019 08:16:02
Calibration Type:		External reference
Sensitivity:		43.7632948160172 mV/Pa

## ARC002

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	55.5	67.7	51.3
Time	10:26:37 AM	10:36:37 AM	0:10:00				
Date	12/11/2019	12/11/2019					





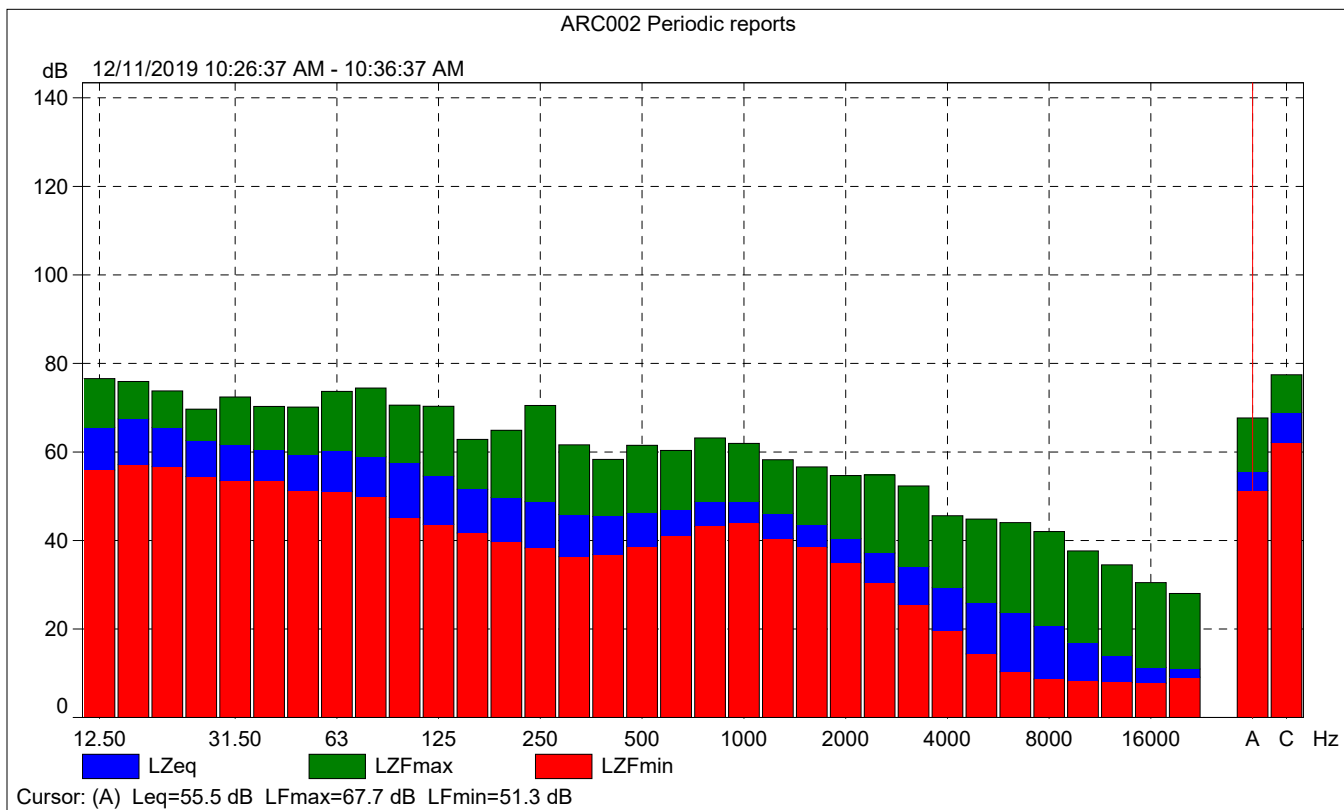
### ARC002

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			53.7	53.7	53.0
Time	10:31:36 AM	0:00:01			
Date	12/11/2019				



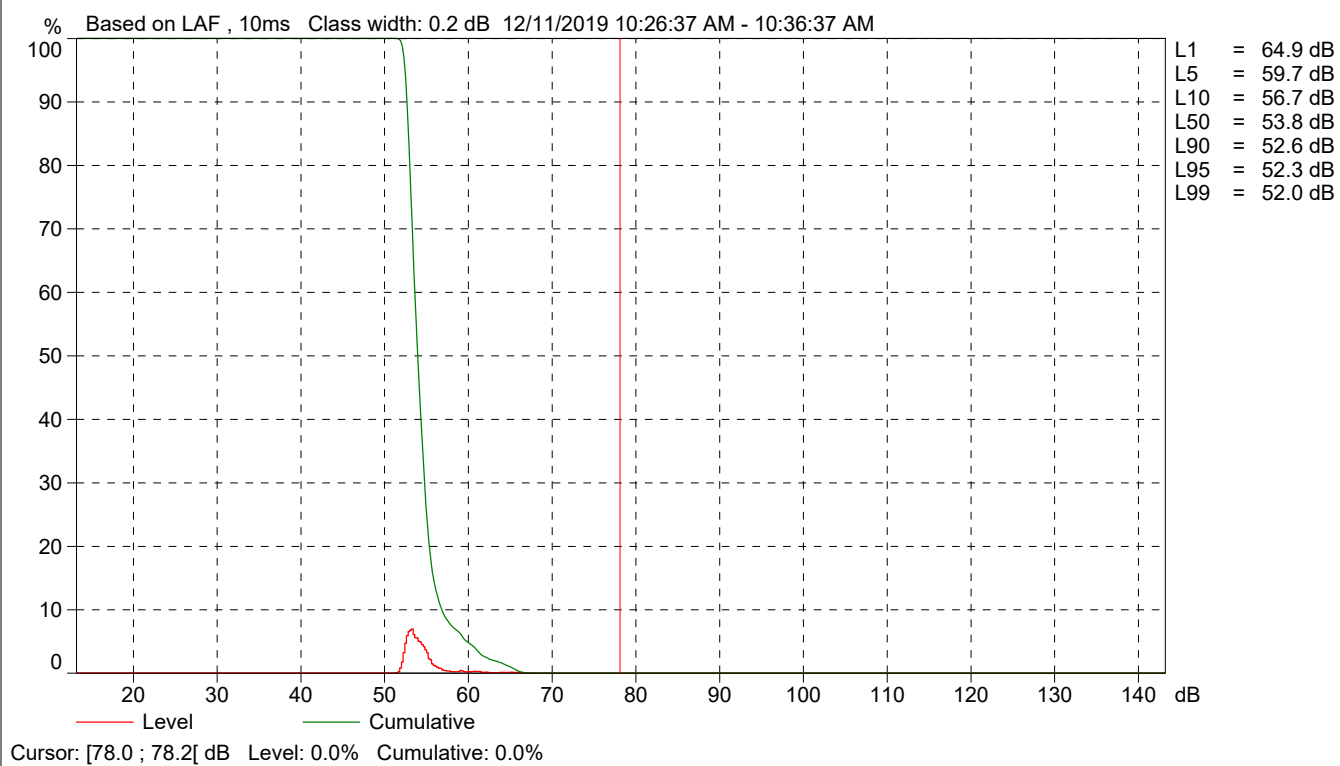
# ARC002 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	56.6	67.7	51.3
Time	10:26:37 AM	0:10:00				
Date	12/11/2019					





ARC002 Periodic reports





<b>Site Number:</b> Artis Senior Housing Project - Site #3			
<b>Recorded By:</b> Taylor Jordan & Nathan Levey			
<b>Job Number:</b> 175552			
<b>Date:</b> 12/11/2019			
<b>Time:</b> 10:57 a.m.			
<b>Location:</b> Corner of 21 S Michillinda Avenue, adjacent to Michillinda Avenue.			
<b>Source of Peak Noise:</b> Vehicular traffic along Michilinda Avenue.			
Noise Data			
Leq (dB)	Lmax(dB)	Lmin (dB)	Peak (dB)
66.8	79.9	58.8	99.4

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.	<b>Duration:</b> 10 minutes			<b>Sky:</b> Sunny		
	<b>Note:</b> dBA Offset = -0.01			<b>Sensor Height (ft):</b> 5 ft		
	<b>Wind Ave Speed (mph / m/s)</b>		<b>Temperature (degrees Fahrenheit)</b>		<b>Barometer Pressure (inches)</b>	
	5		60		30.21	

**Photo of Measurement Location**



## 2250

Instrument:		2250
Application:		BZ7225 Version 4.7.4
Start Time:		12/11/2019 10:57:05
End Time:		12/11/2019 11:07:05
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.09

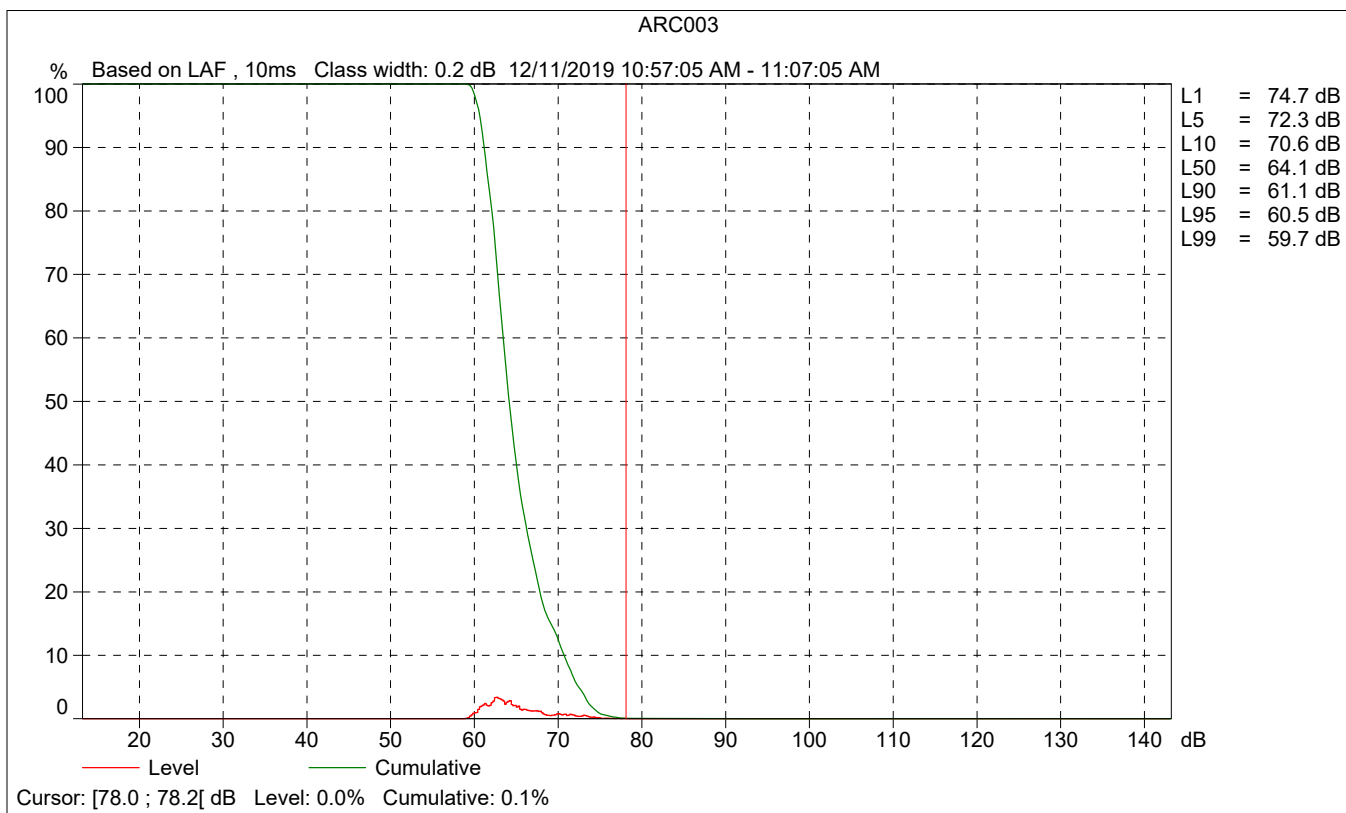
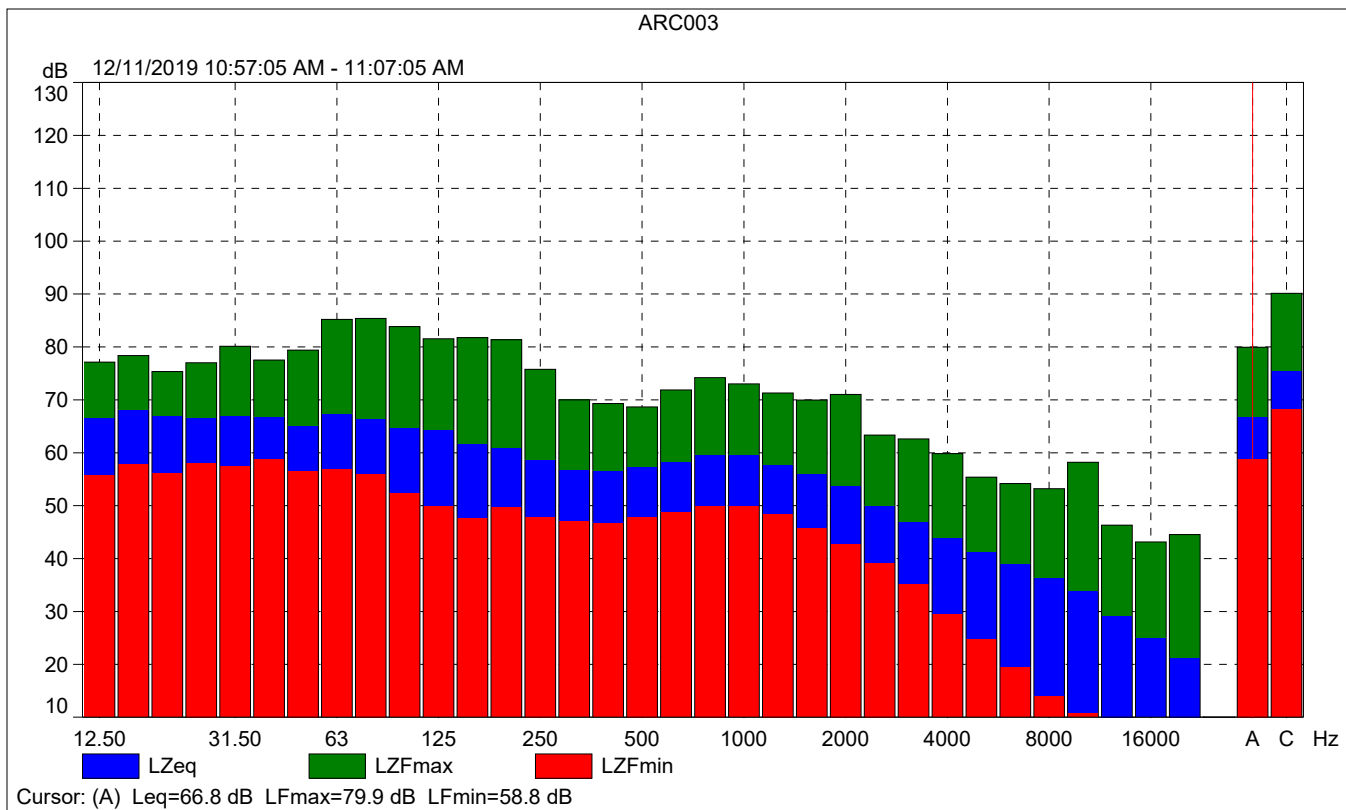
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

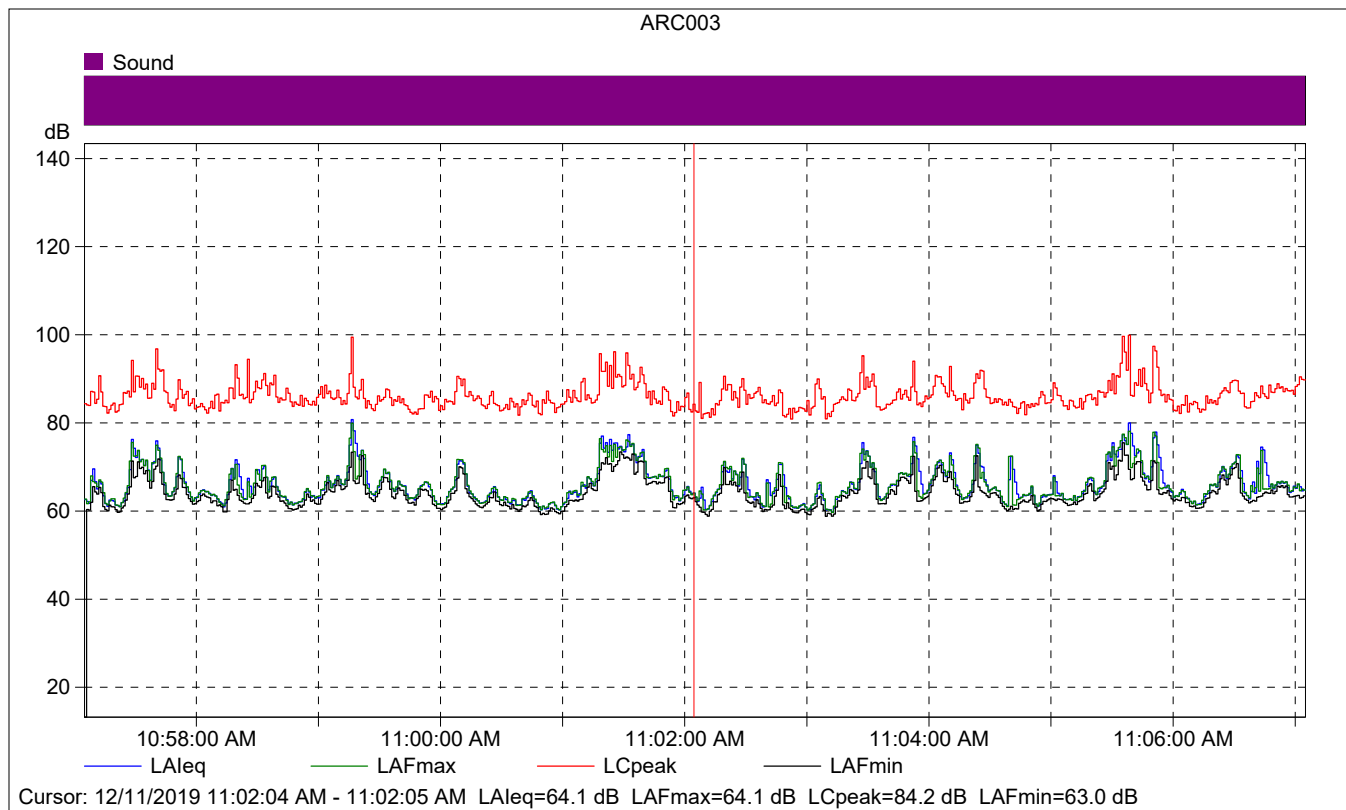
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		12/11/2019 08:16:02
Calibration Type:		External reference
Sensitivity:		43.7632948160172 mV/Pa

## ARC003

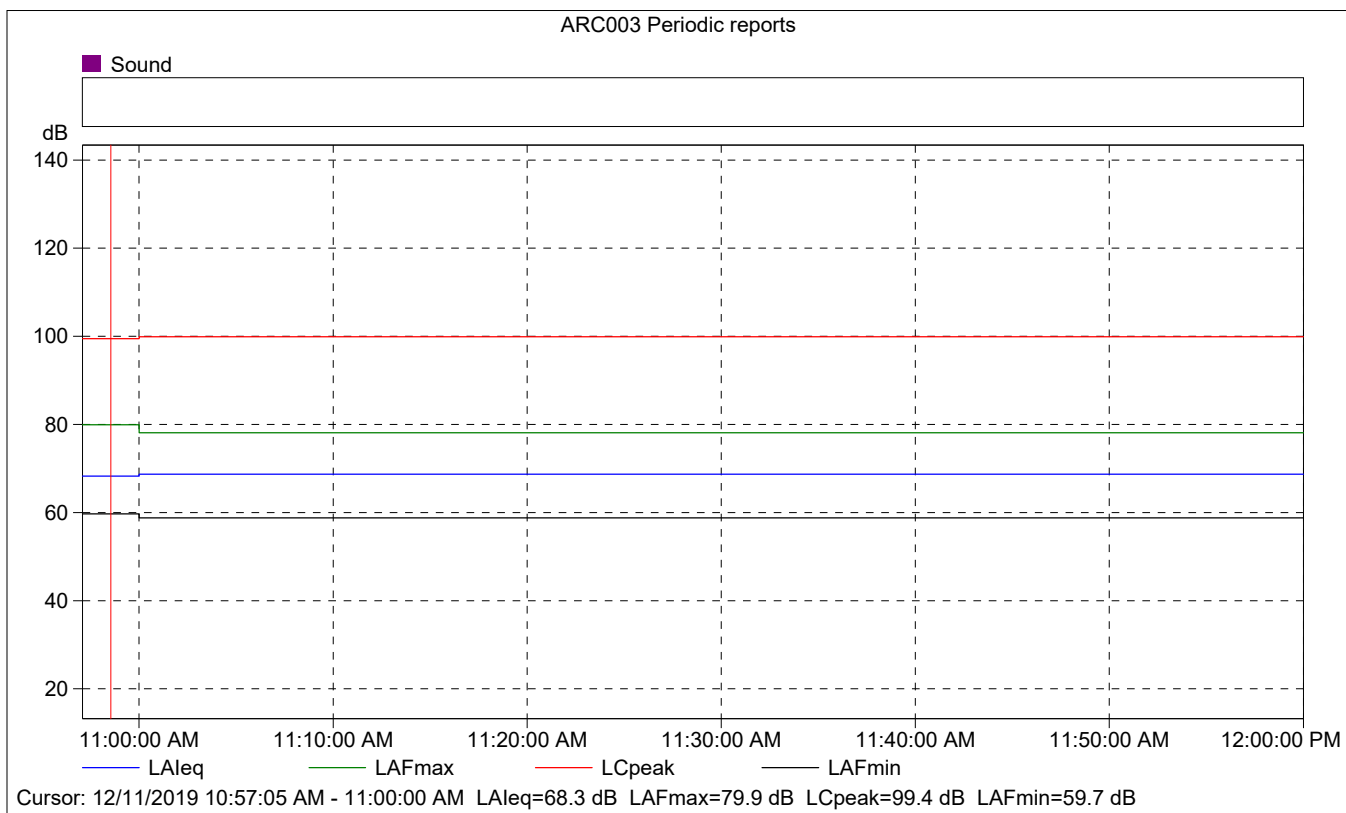
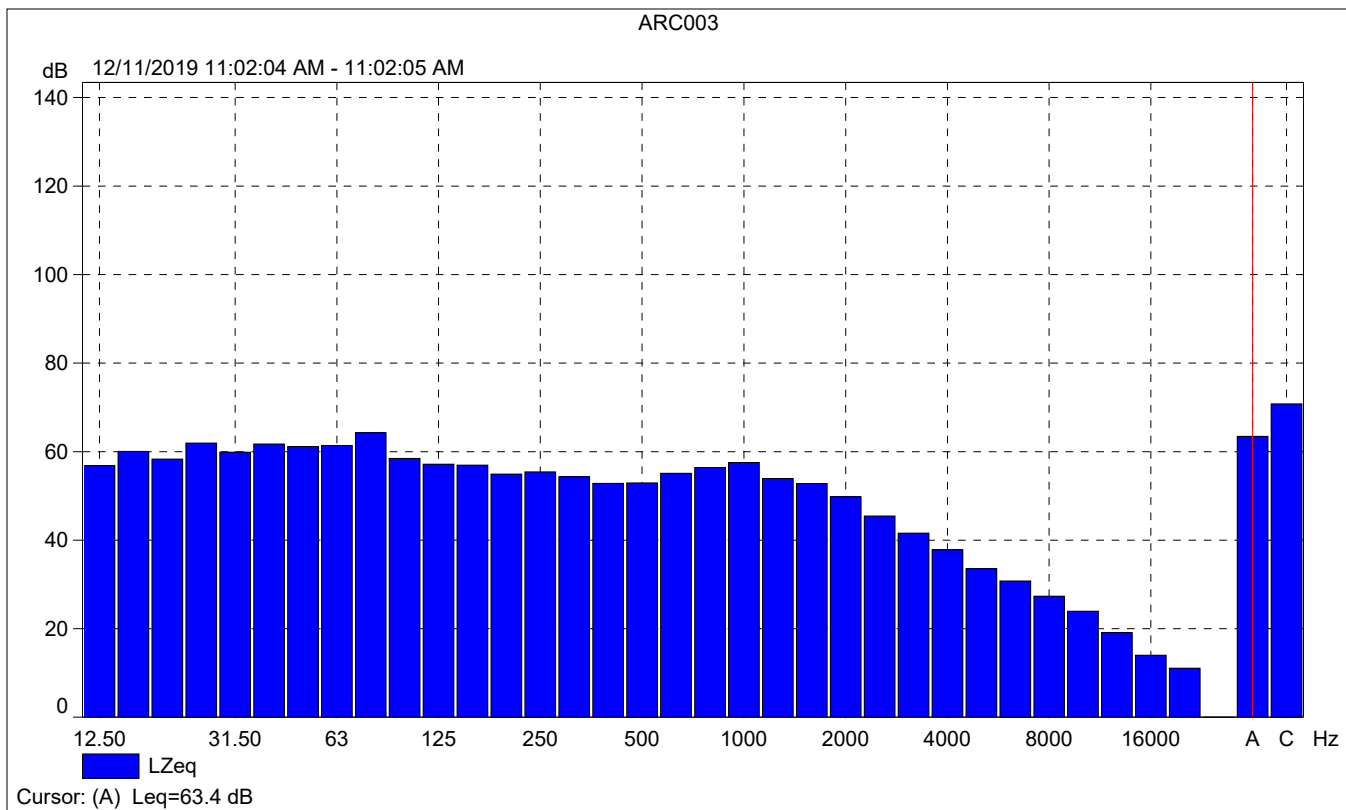
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	66.8	79.9	58.8
Time	10:57:05 AM	11:07:05 AM	0:10:00				
Date	12/11/2019	12/11/2019					





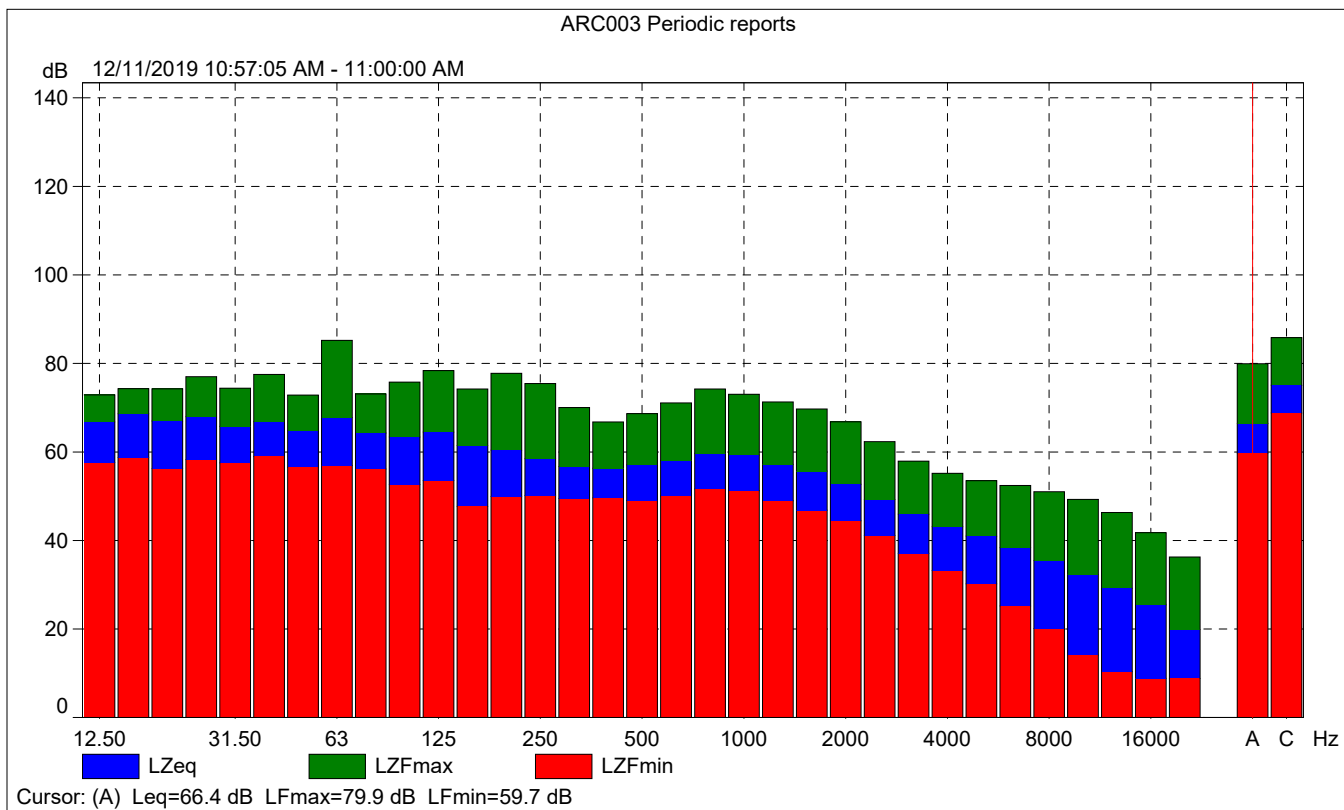
### ARC003

	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			64.1	64.1	63.0
Time	11:02:04 AM	0:00:01			
Date	12/11/2019				



### ARC003 Periodic reports

	Start time	Elapsed time	Overload [%]	LALeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	68.3	79.9	59.7
Time	10:57:05 AM	0:02:55				
Date	12/11/2019					



ARC003 Periodic reports

