

APPENDIX D:
Noise Data

Site Number: NM-1			
Recorded By: Ryan Chiene			
Job Number: 10107380			
Date: 7/19/13			
Time: 10:43 AM			
Location: Long Beach Police Center (Pacific Ave. and 20 th Street)			
Source of Peak Noise: Traffic on Pacific, loading/unloading truck, people walking and talking along sidewalk.			
Noise Data			
Leq (dB)	Lmin (dB)	Lmax (dB)	Peak (dB)
68.0	51.0	89.5	106.0

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	2548189	7/12/2013	
	Microphone	Brüel & Kjær	4189	2543364	7/12/2013	
	Preamp	Brüel & Kjær	ZC 0032	4265	7/12/2013	
	Calibrator	Brüel & Kjær	4231	2545667	7/12/2013	
Weather Data						
Est.	Duration: 15 minutes			Sky: ☀ Sunny		
	Note: dBA Offset = 0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (hPa)	
	1.7		78.0		1009.5	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 2.0.2
Start Time:		07/19/2013 10:42:53
End Time:		07/19/2013 10:57:53
Elapsed Time:		00:15:00
Bandwidth:		1/3-octave
Max Input Level:		138.73

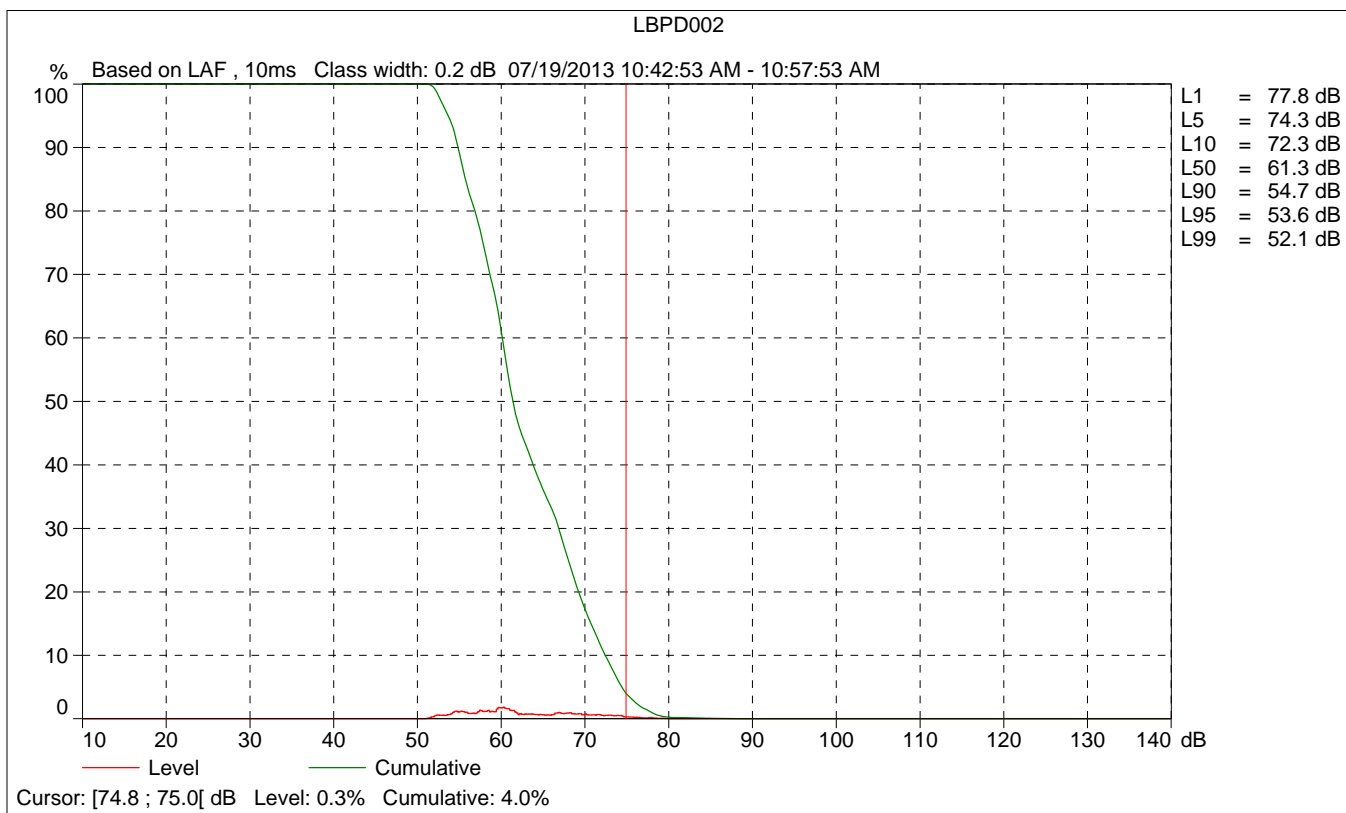
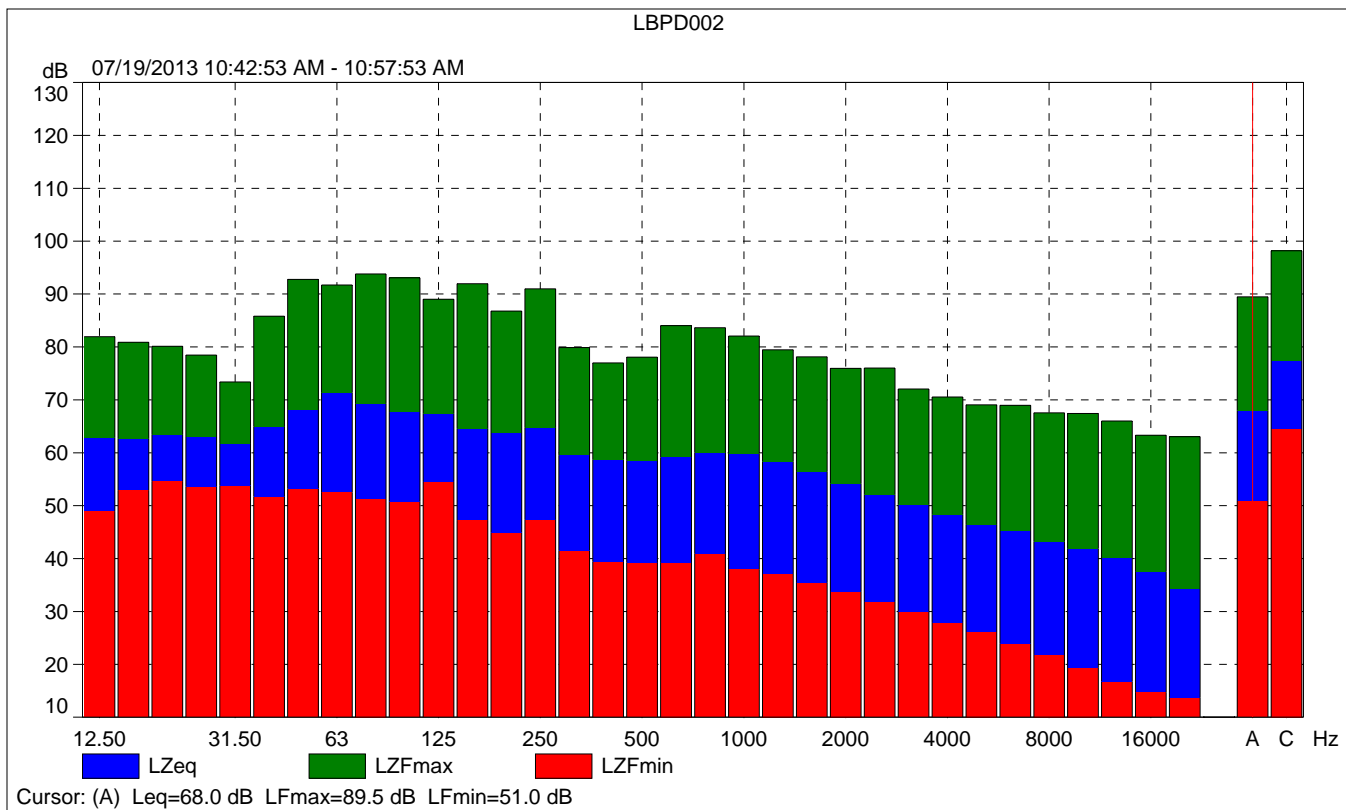
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

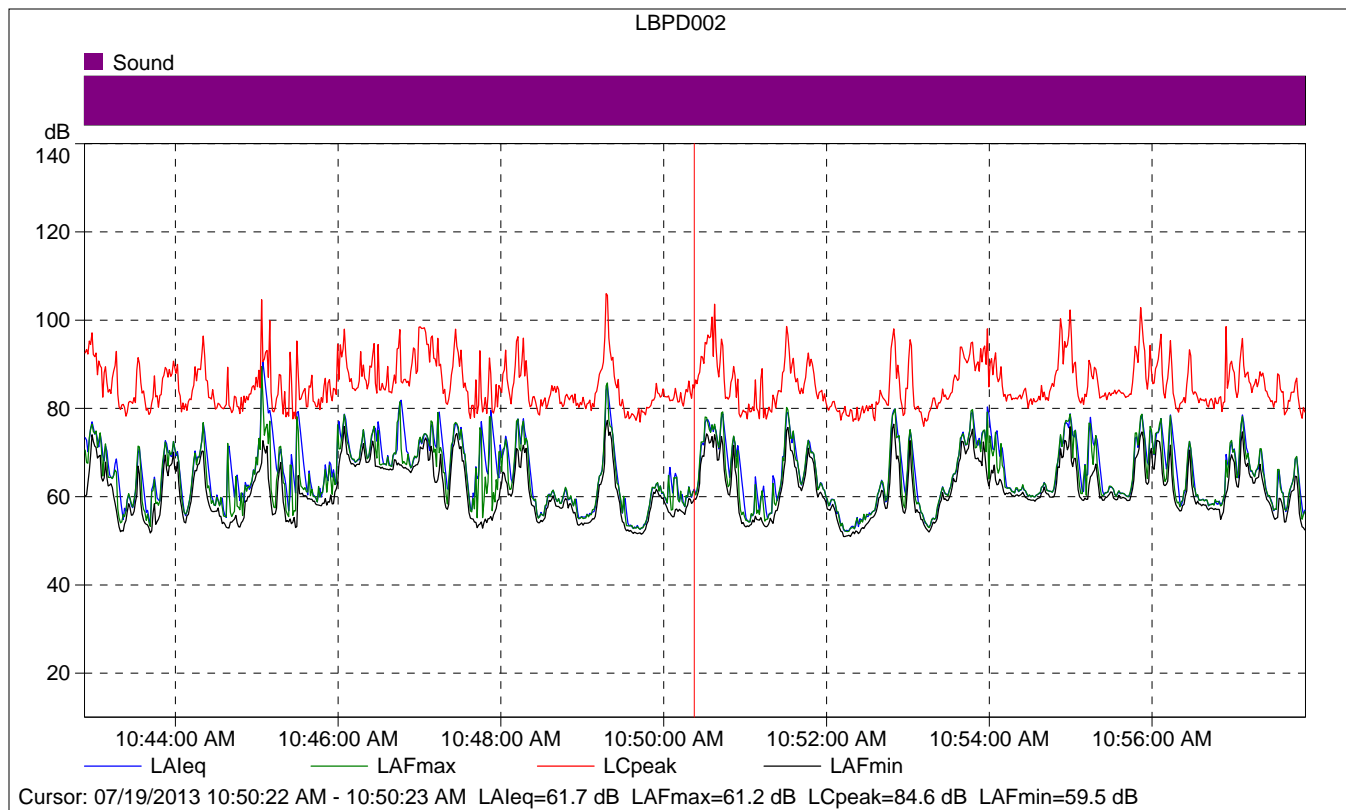
Instrument Serial Number:		2548189
Microphone Serial Number:		2543364
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Diffuse-field

Calibration Time:		07/19/2013 09:18:49
Calibration Type:		External reference
Sensitivity:		64.48 mV/Pa

LBPD002

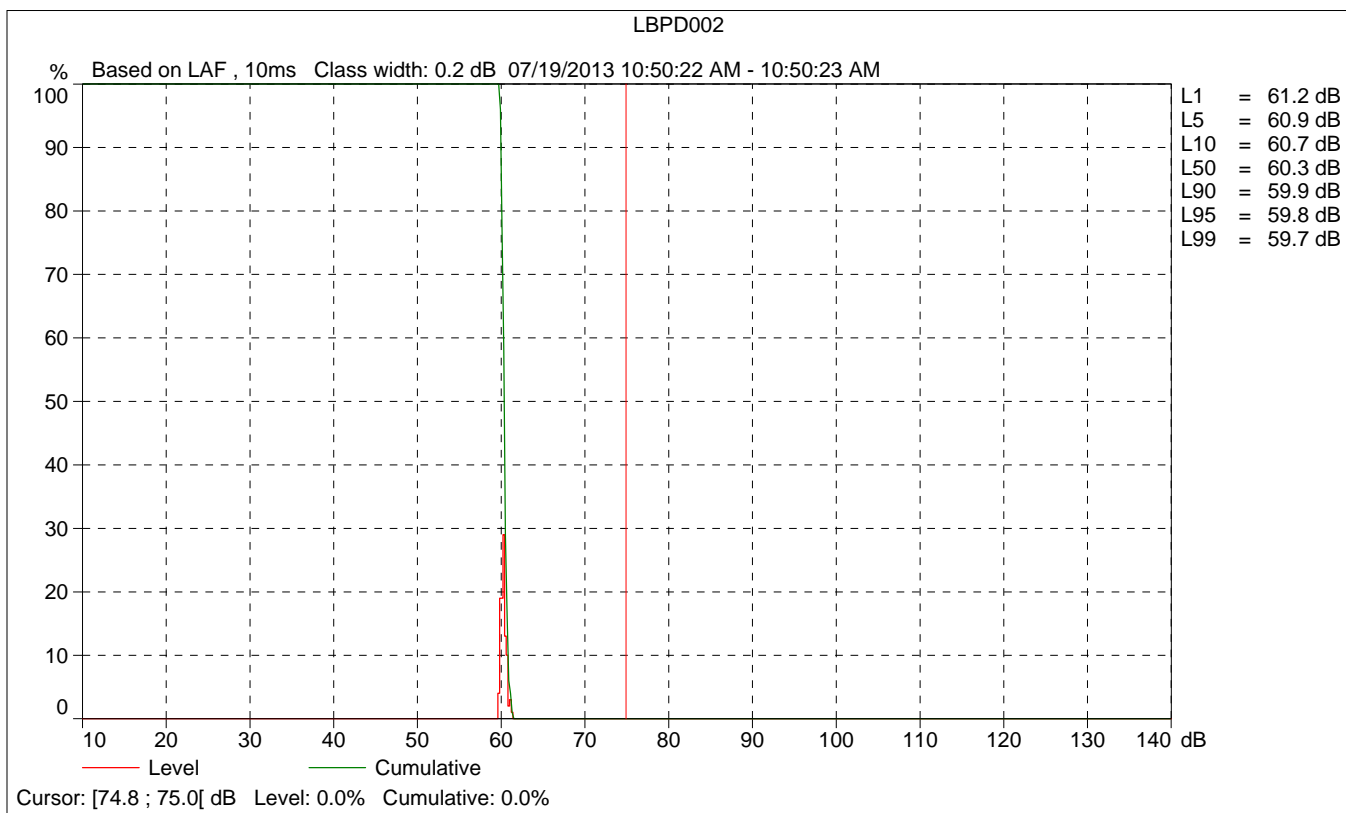
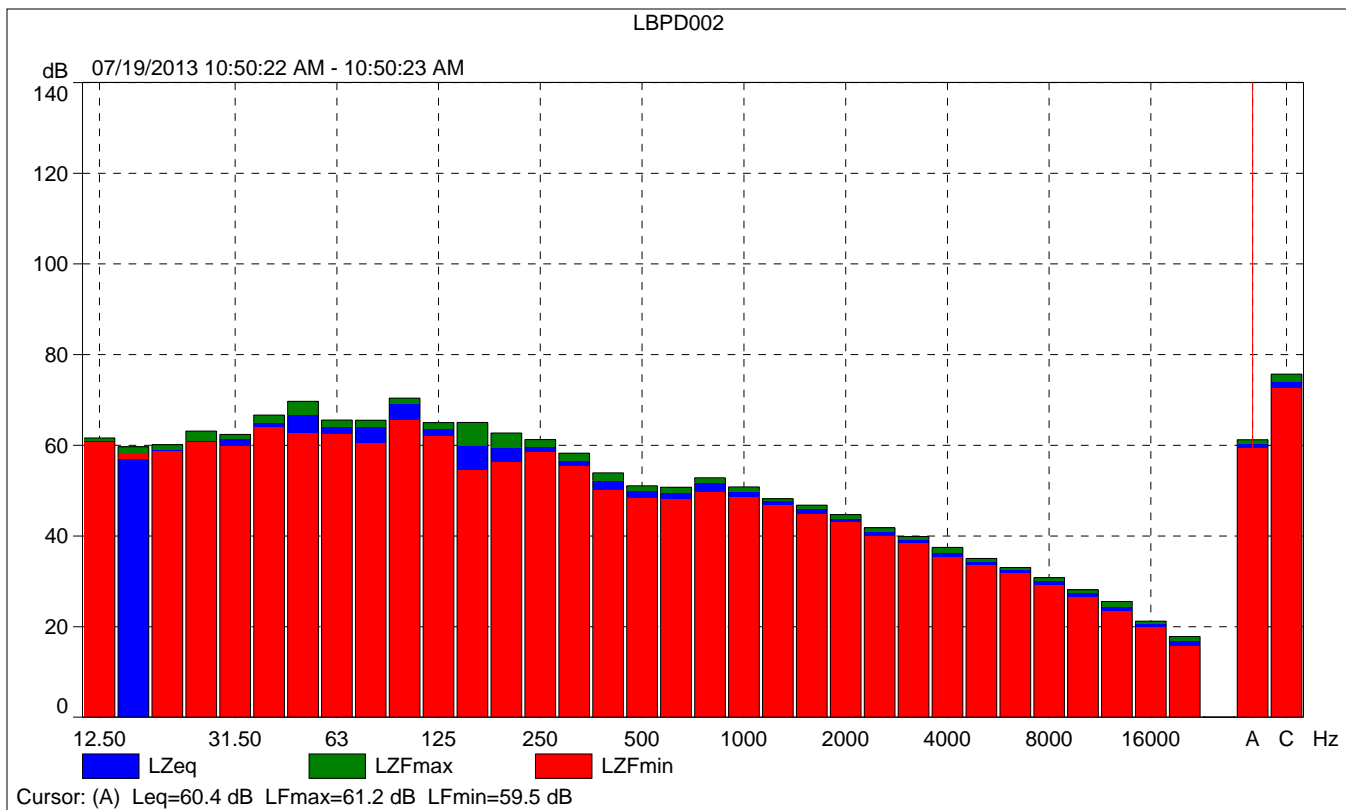
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	68.0	89.5	51.0
Time	10:42:53 AM	10:57:53 AM	0:15:00				
Date	07/19/2013	07/19/2013					

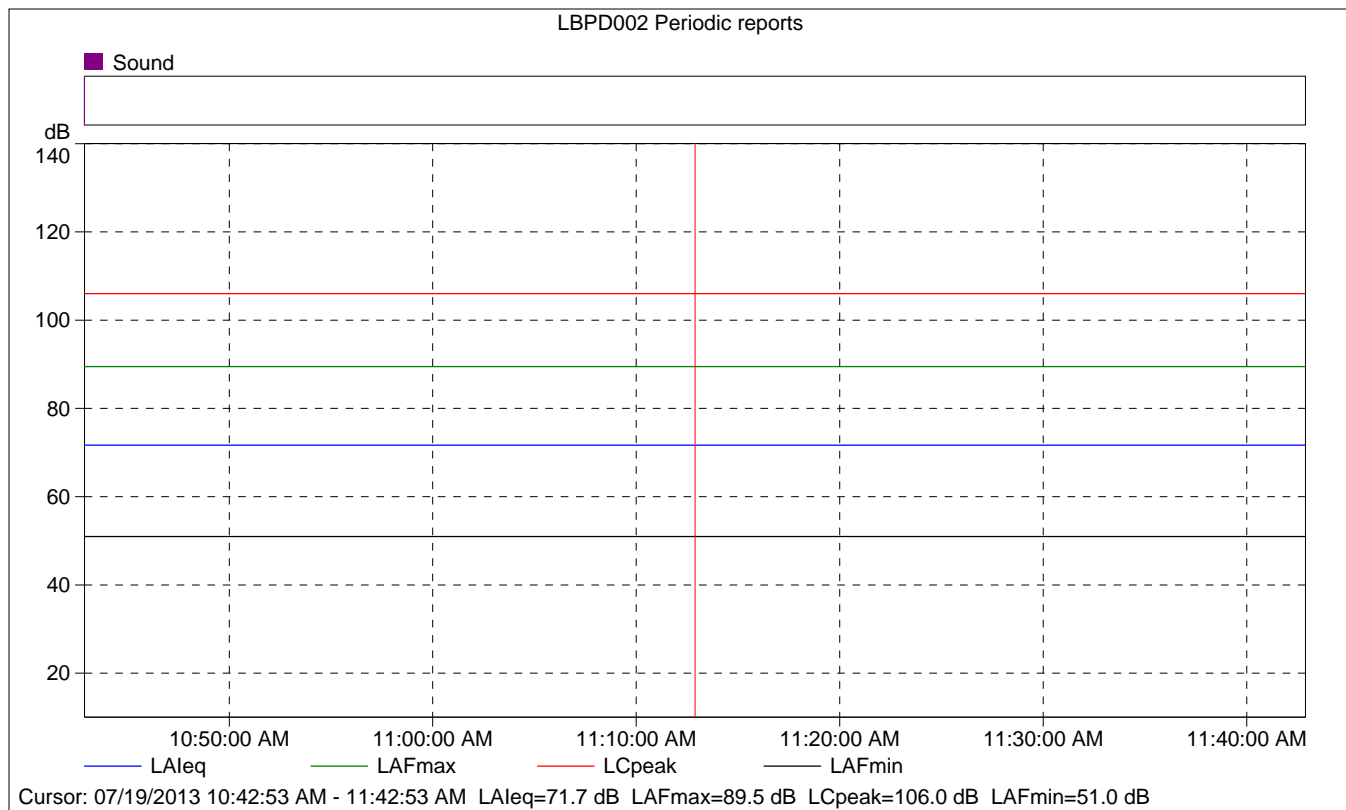




LBPD002

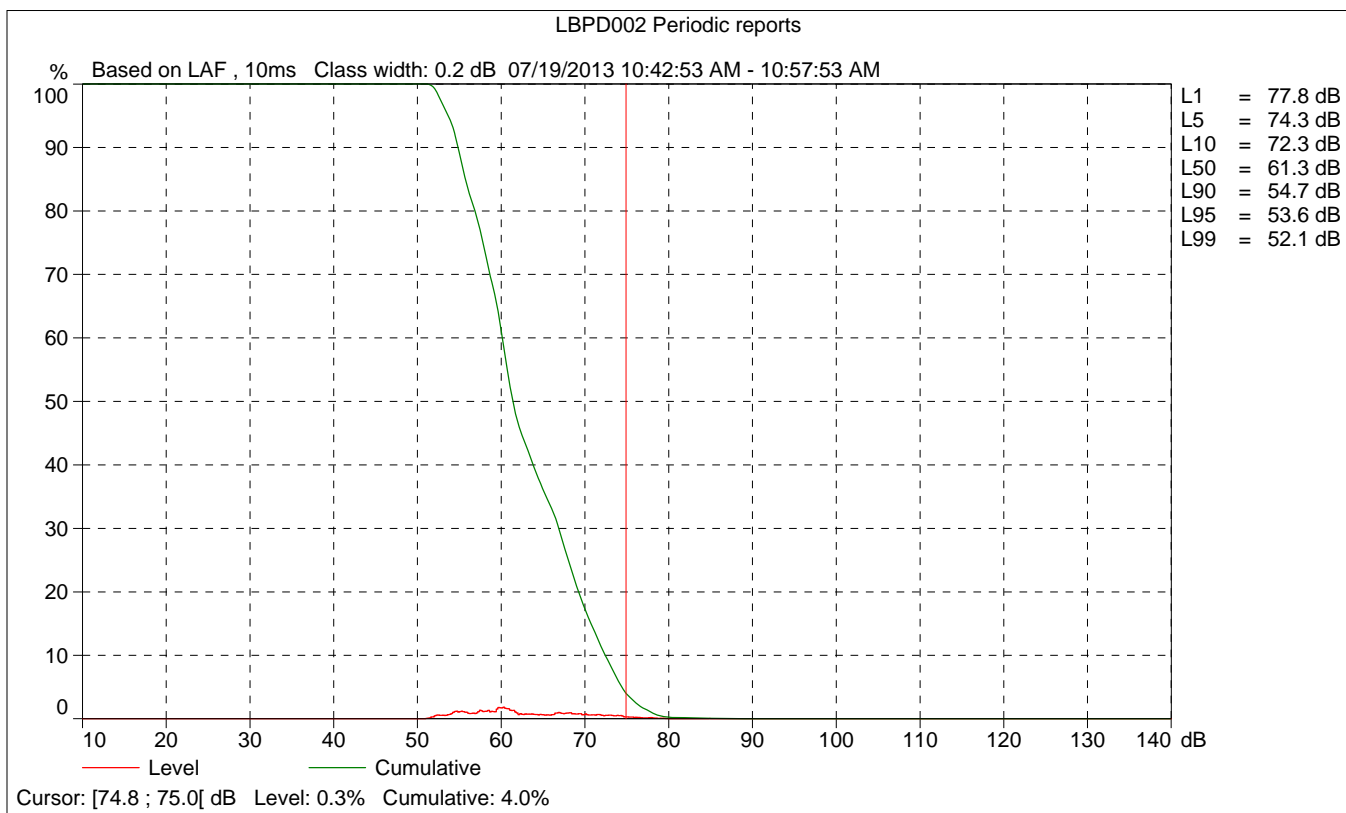
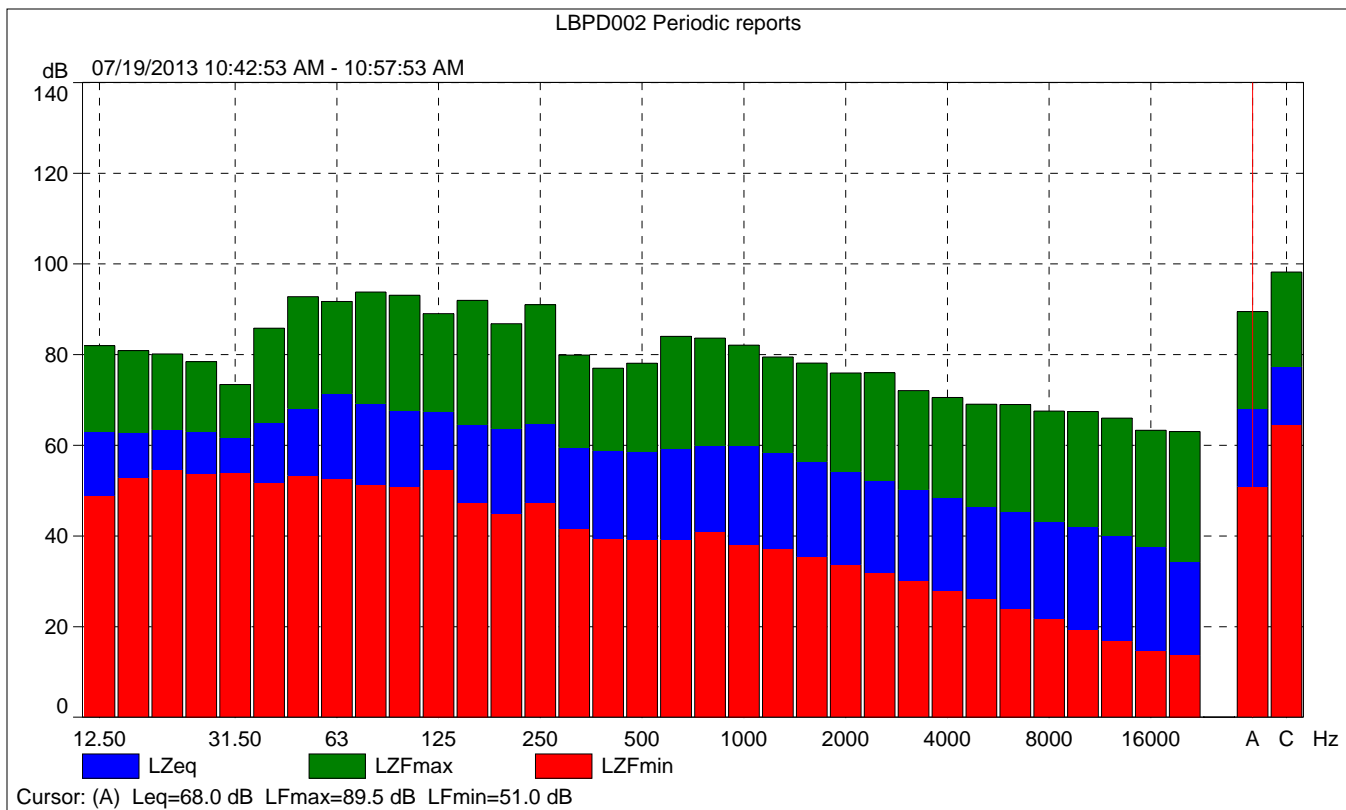
	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			61.7	61.2	59.5
Time	10:50:22 AM	0:00:01			
Date	07/19/2013				

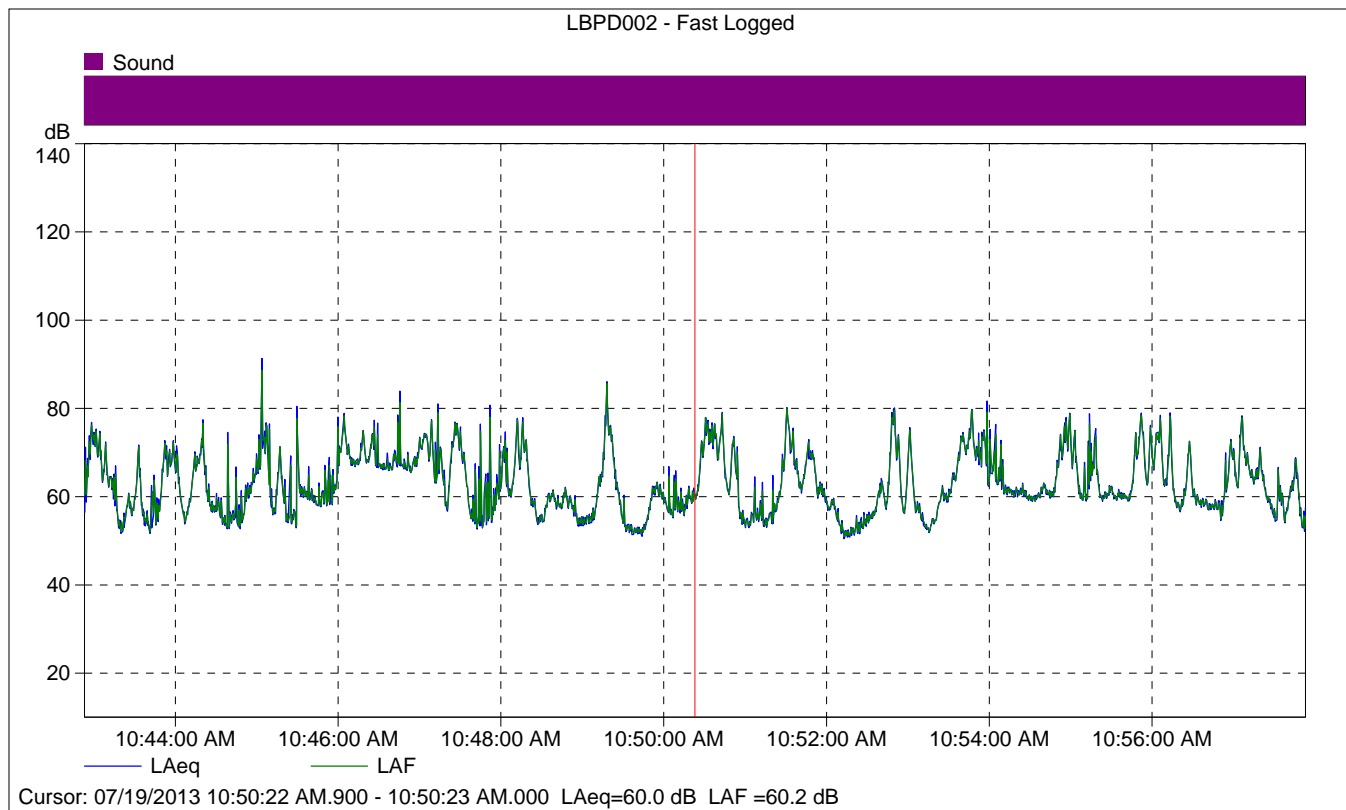




LBPD002 Periodic reports

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	71.7	89.5	51.0
Time	10:42:53 AM	0:15:00				
Date	07/19/2013					





LBPD002 - Fast Logged

	Start time	Elapsed time	LAeq [dB]
Value			60.0
Time	10:50:22 AM.900	0:00:00.100	
Date	07/19/2013		

Site Number: NM-2			
Recorded By: Ryan Chiene			
Job Number: 10107380			
Date: 7/19/13			
Time: 11:27 AM			
Location: Long Beach Police Sub-Station (Los Coyotes Diagonal and Park Ave.)			
Source of Peak Noise: Residential construction across Los Coyotes Diagonal (drill, jackhammer), traffic on Los Coyotes, police cars entering parking facility, skateboarder on sidewalk, motorcycles.			
Noise Data			
Leq (dB)	Lmin (dB)	Lmax (dB)	Peak (dB)
62.6	48.6	75.6	95.2

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	2548189	7/12/2013	
	Microphone	Brüel & Kjær	4189	2543364	7/12/2013	
	Preamp	Brüel & Kjær	ZC 0032	4265	7/12/2013	
	Calibrator	Brüel & Kjær	4231	2545667	7/12/2013	
Weather Data						
Est.	Duration: 15 minutes			Sky: ☀ Sunny		
	Note: dBA Offset = 0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (hPa)	
	1.2		77.0		1009.5	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 2.0.2
Start Time:		07/19/2013 11:27:20
End Time:		07/19/2013 11:42:20
Elapsed Time:		00:15:00
Bandwidth:		1/3-octave
Max Input Level:		138.73

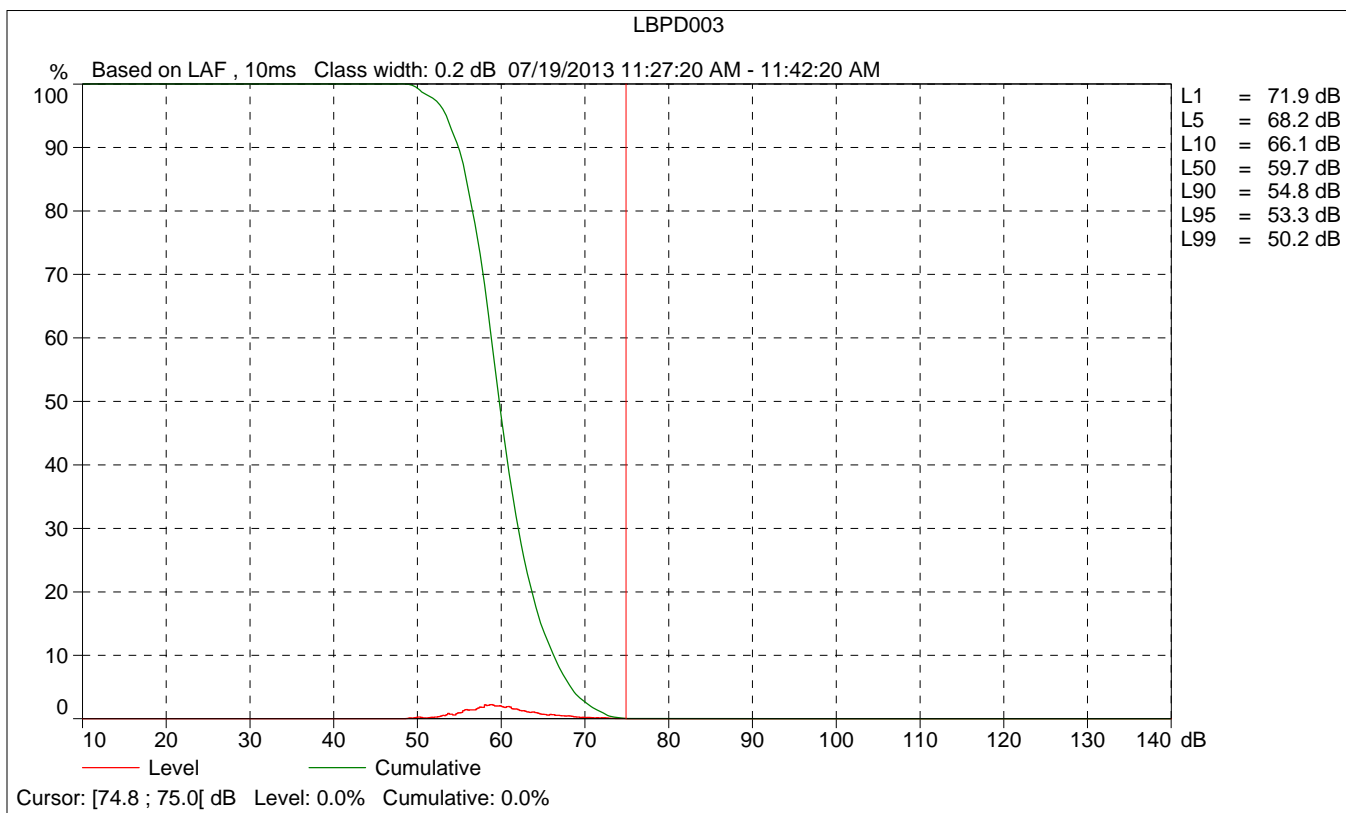
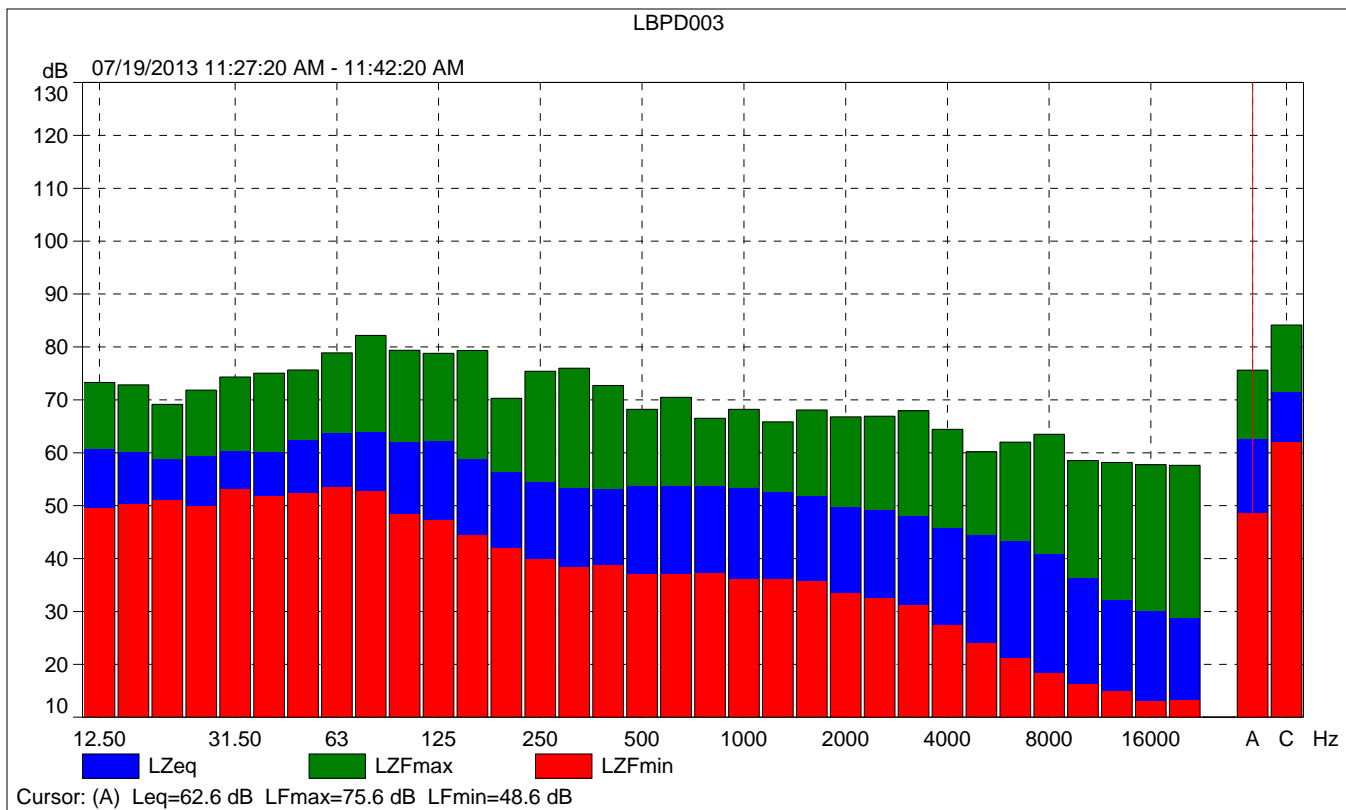
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

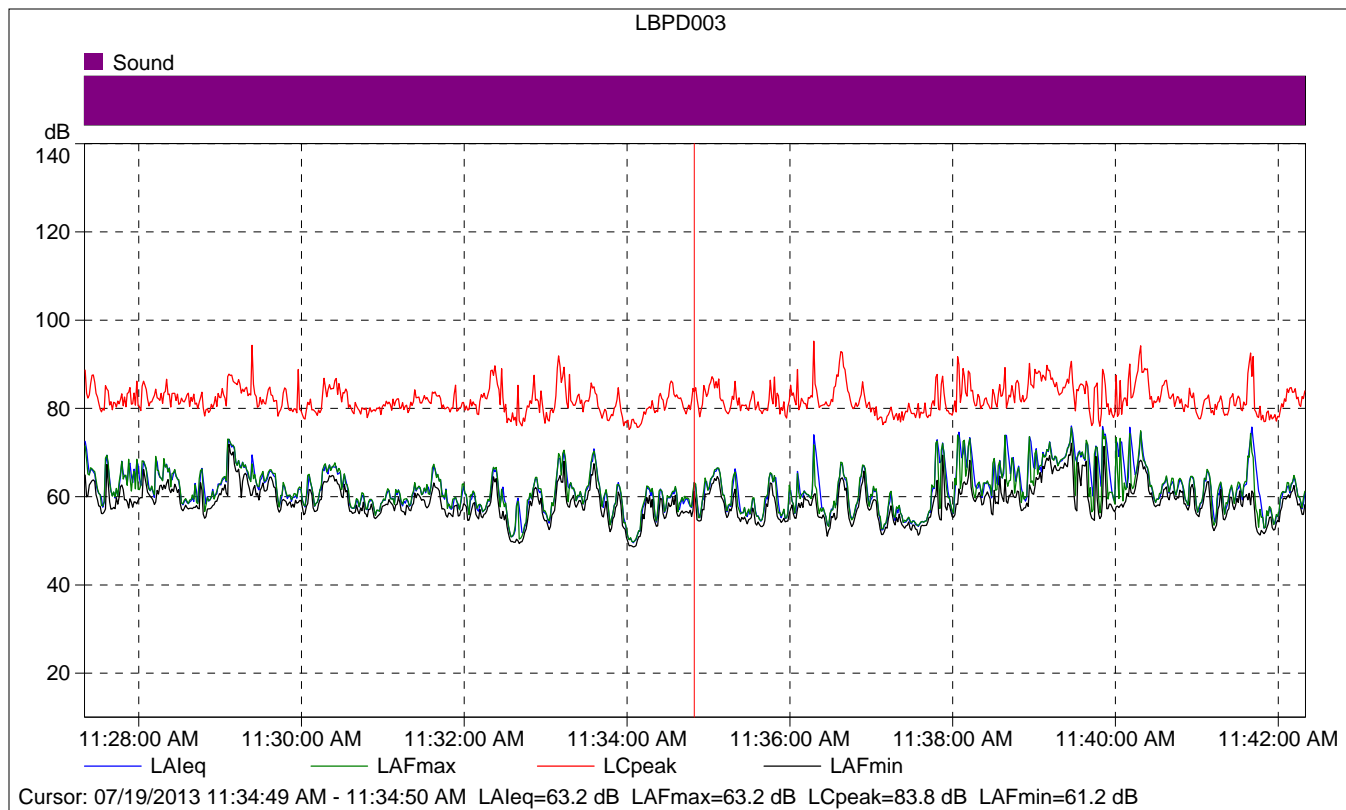
Instrument Serial Number:		2548189
Microphone Serial Number:		2543364
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Diffuse-field

Calibration Time:		07/19/2013 09:18:49
Calibration Type:		External reference
Sensitivity:		64.48 mV/Pa

LBPD003

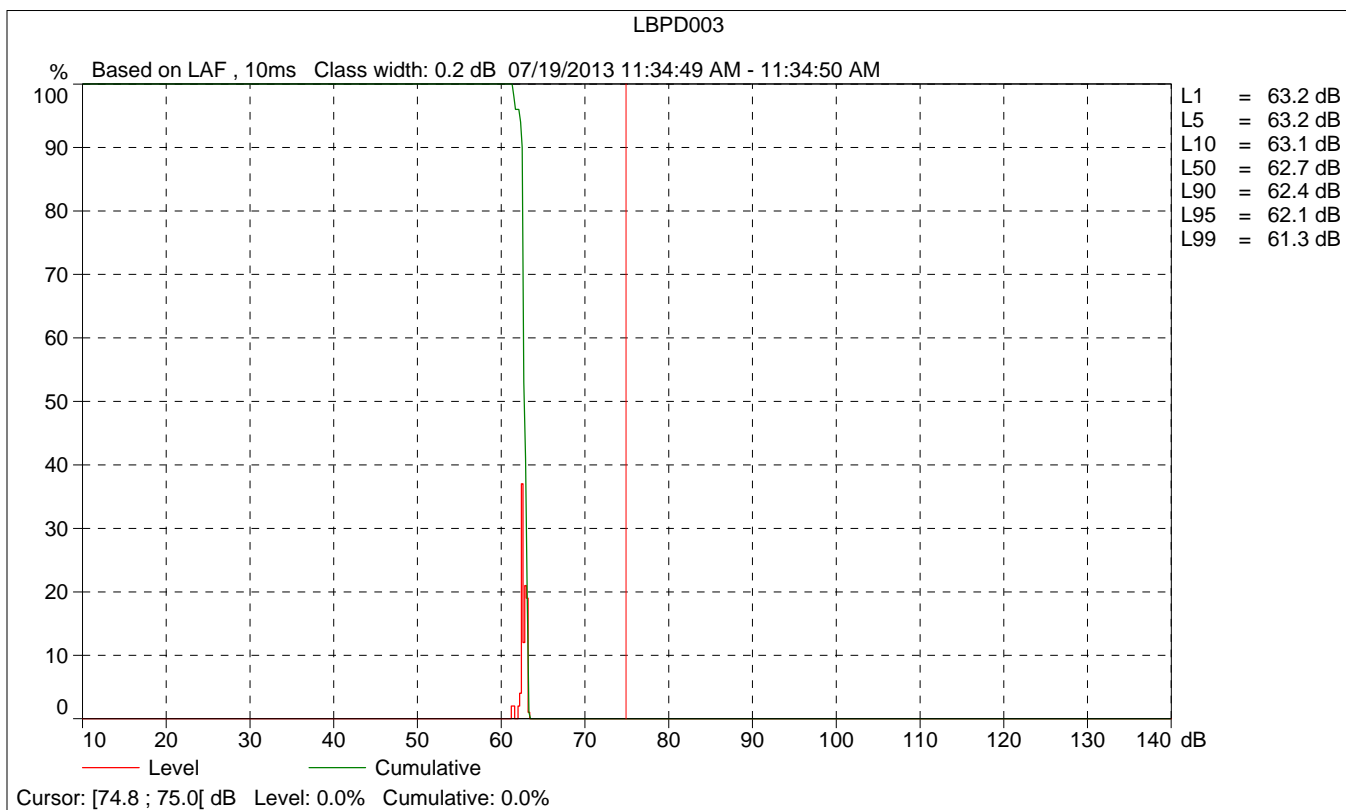
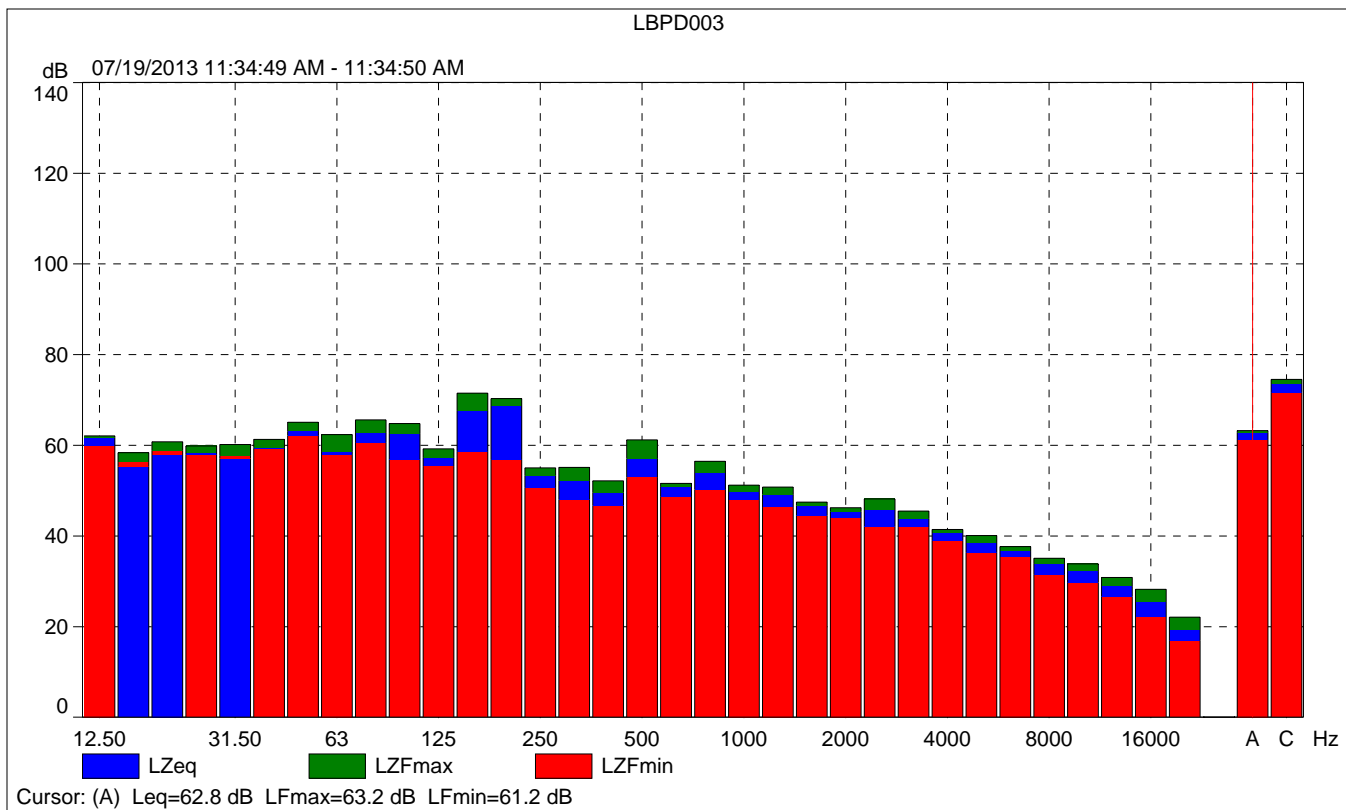
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	62.6	75.6	48.6
Time	11:27:20 AM	11:42:20 AM	0:15:00				
Date	07/19/2013	07/19/2013					

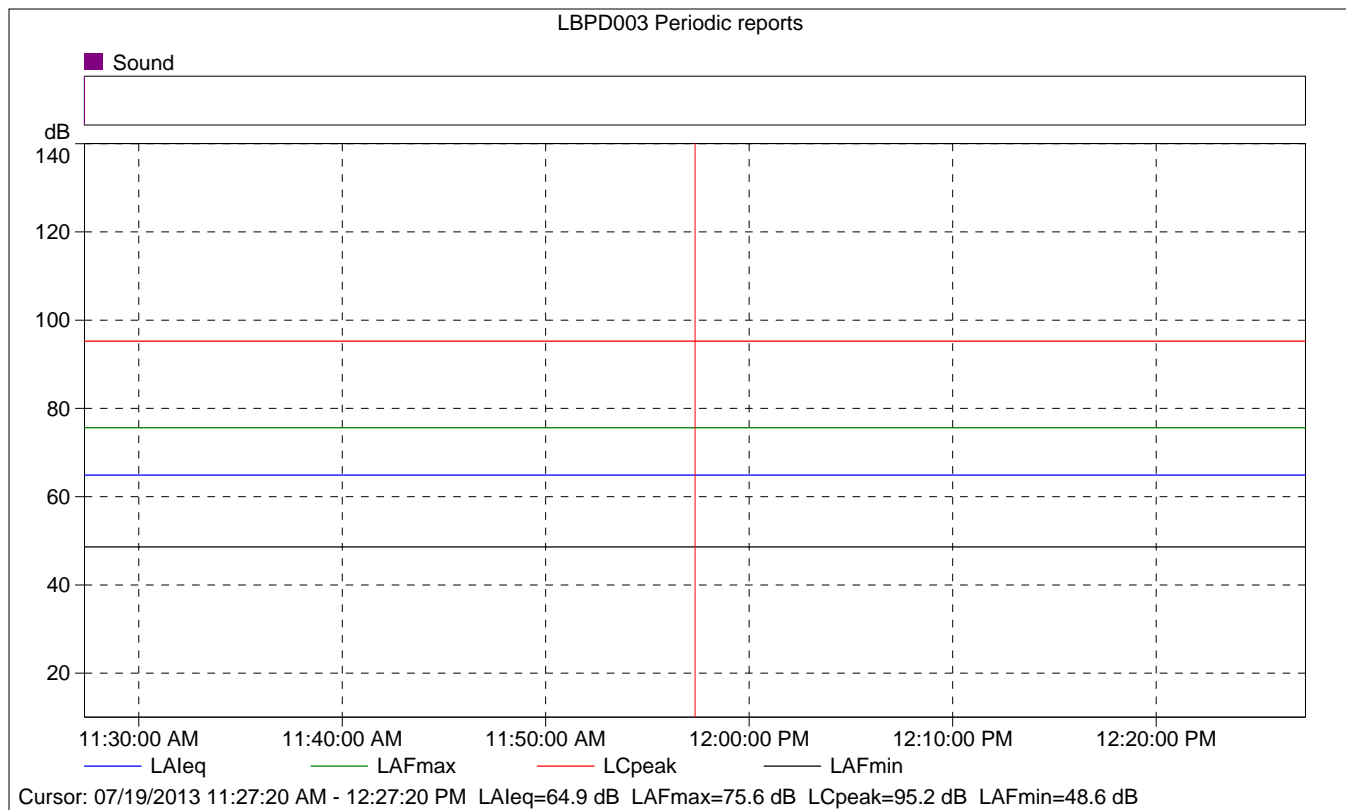




LBPD003

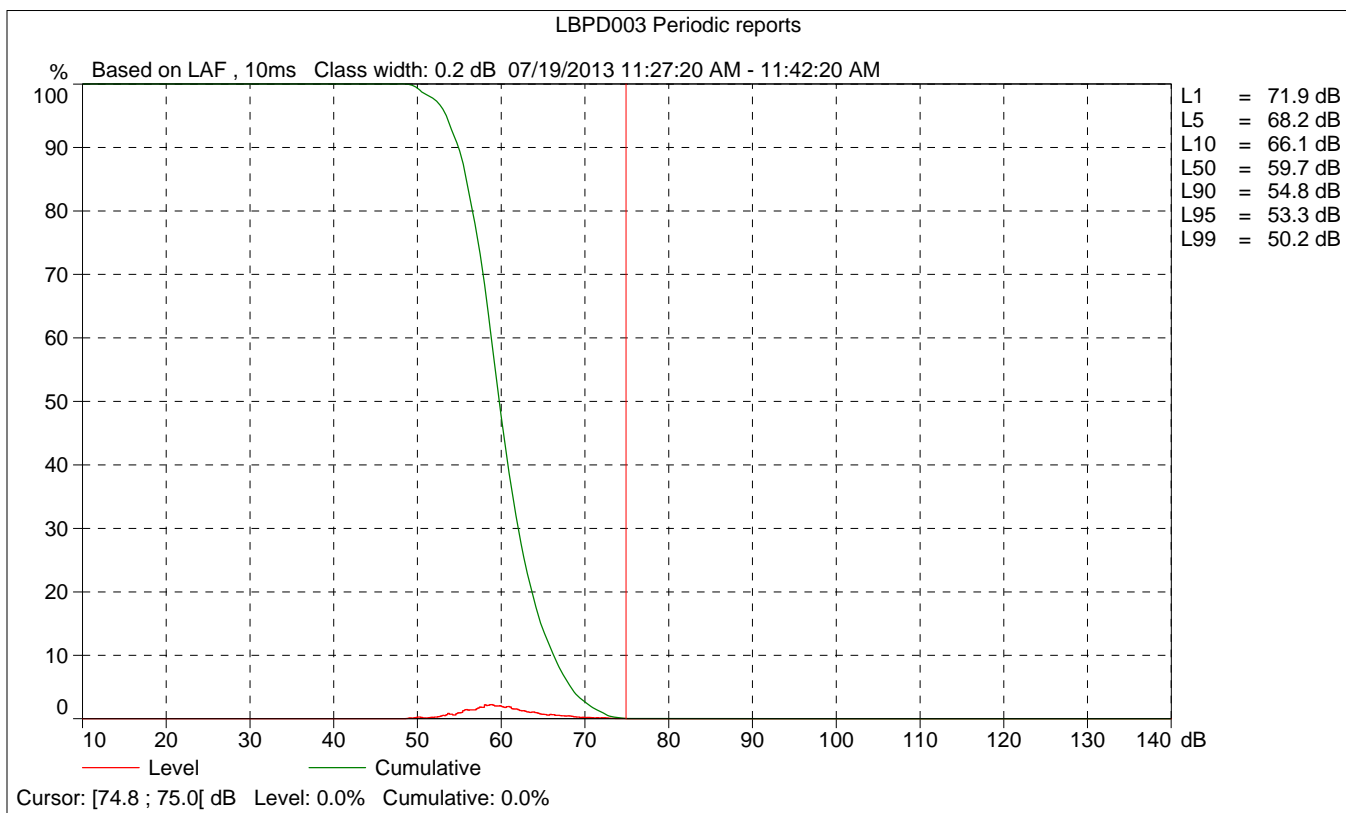
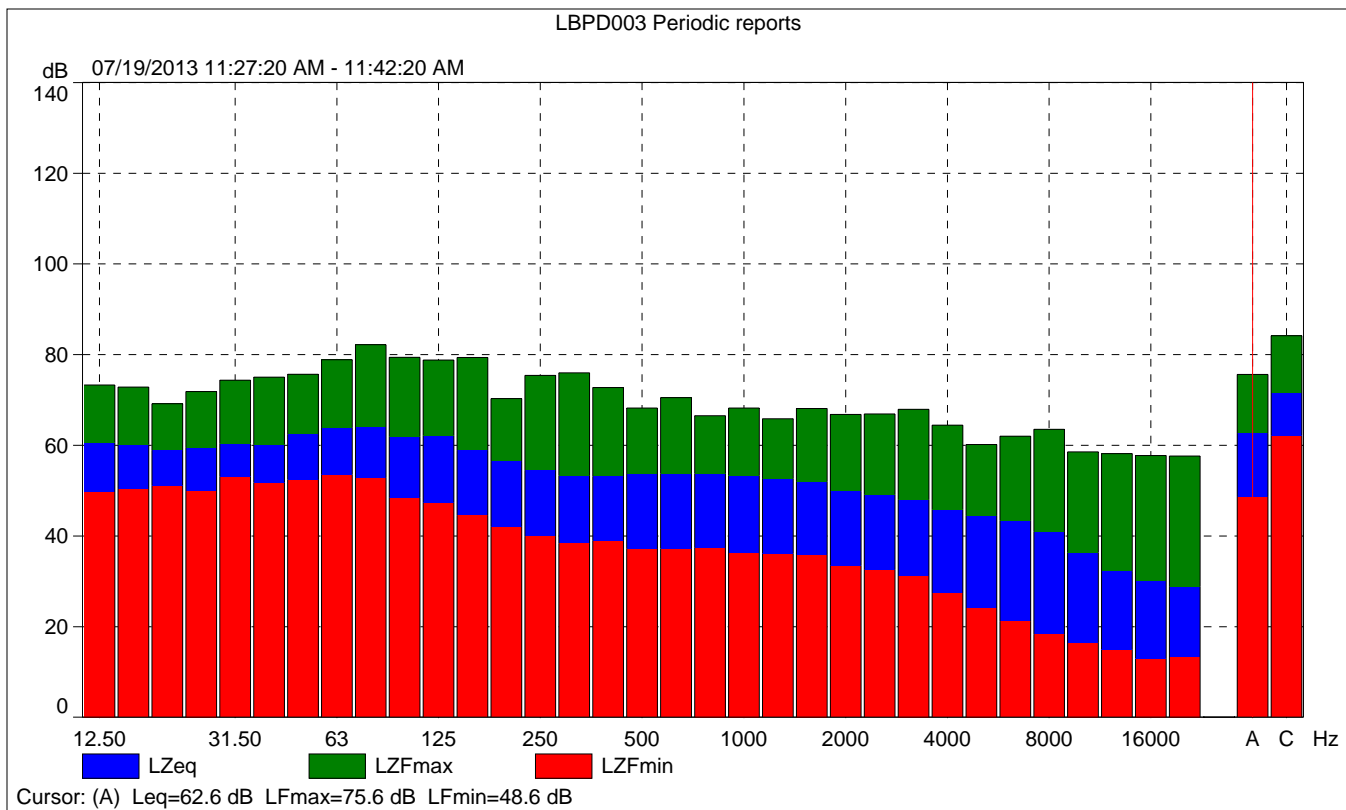
	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			63.2	63.2	61.2
Time	11:34:49 AM	0:00:01			
Date	07/19/2013				

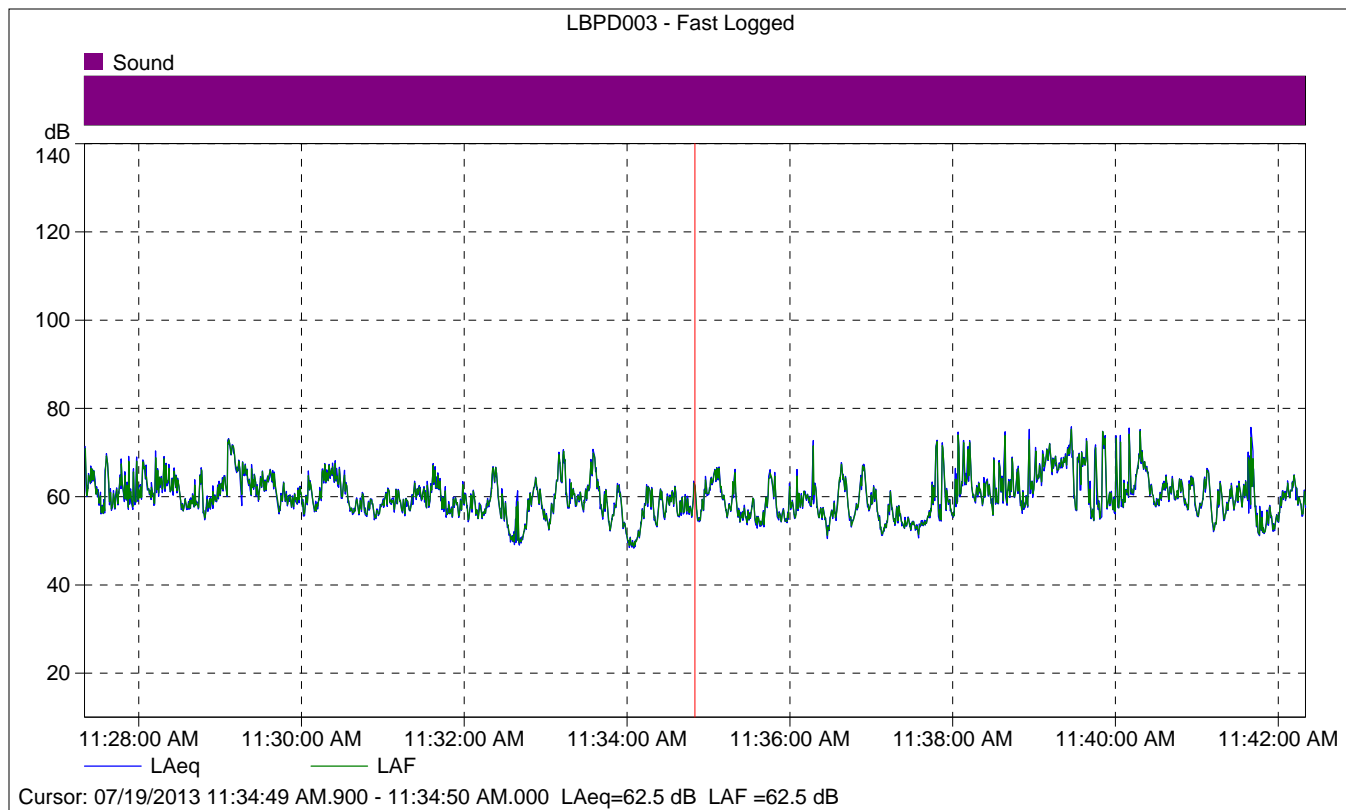




LBPD003 Periodic reports

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	64.9	75.6	48.6
Time	11:27:20 AM	0:15:00				
Date	07/19/2013					





LBPD003 - Fast Logged

	Start time	Elapsed time	LAeq [dB]
Value			62.5
Time	11:34:49 AM.900	0:00:00.100	
Date	07/19/2013		

Site Number: NM-4			
Recorded By: Ryan Chiene			
Job Number: 10107380			
Date: 7/19/13			
Time: 12:01 PM			
Location: Vernon Street (single family residential neighborhood)			
Source of Peak Noise: Airplanes flying overhead, cars parking on Vernon Street, birds chirping, traffic on Willow Street			
Noise Data			
Leq (dB)	Lmin (dB)	Lmax (dB)	Peak (dB)
55.6	46.9	70.0	88.2

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	2548189	7/12/2013	
	Microphone	Brüel & Kjær	4189	2543364	7/12/2013	
	Preamp	Brüel & Kjær	ZC 0032	4265	7/12/2013	
	Calibrator	Brüel & Kjær	4231	2545667	7/12/2013	
Weather Data						
Est.	Duration: 15 minutes			Sky: ☀ Sunny, slight cloud cover		
	Note: dBA Offset = 0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (hPa)	
	1.7		80.0		1009.5	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 2.0.2
Start Time:		07/19/2013 12:00:18
End Time:		07/19/2013 12:15:18
Elapsed Time:		00:15:00
Bandwidth:		1/3-octave
Max Input Level:		138.73

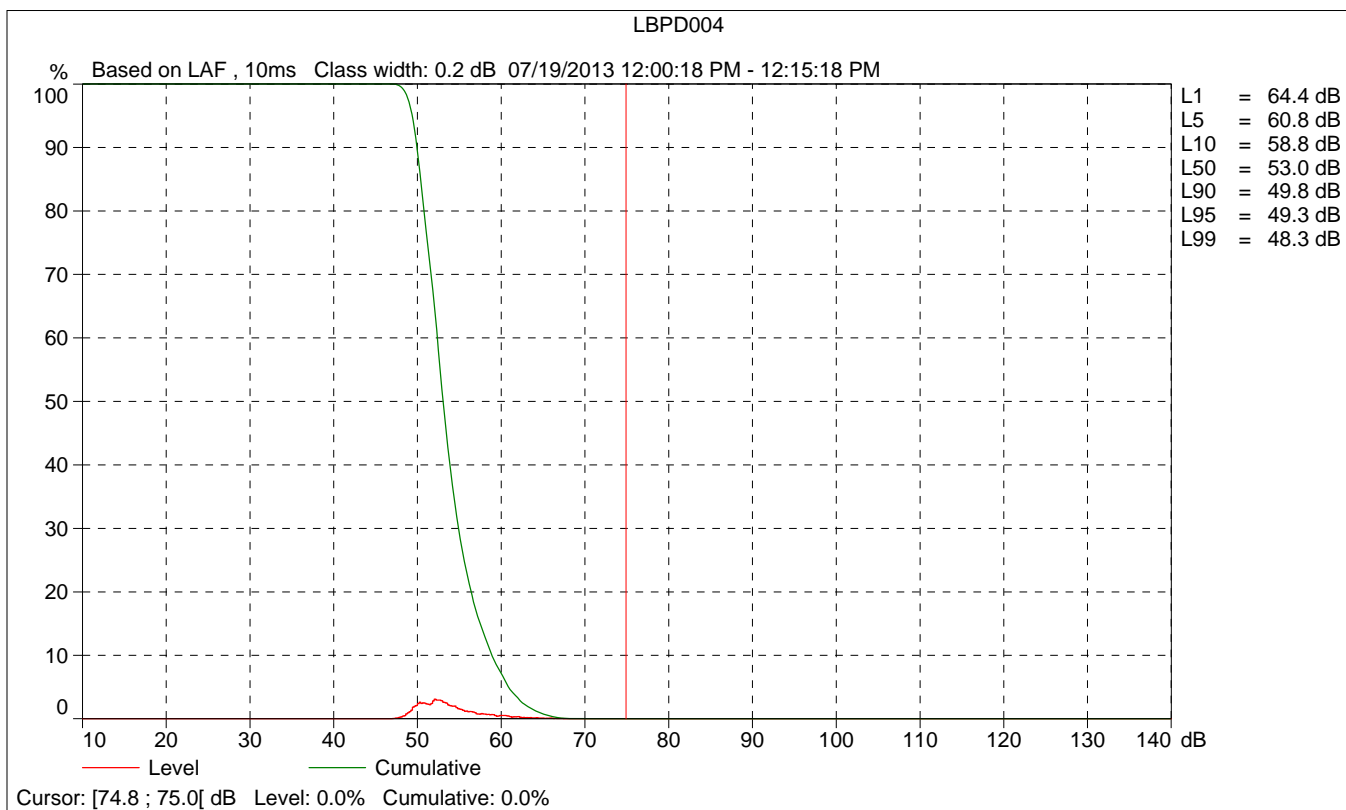
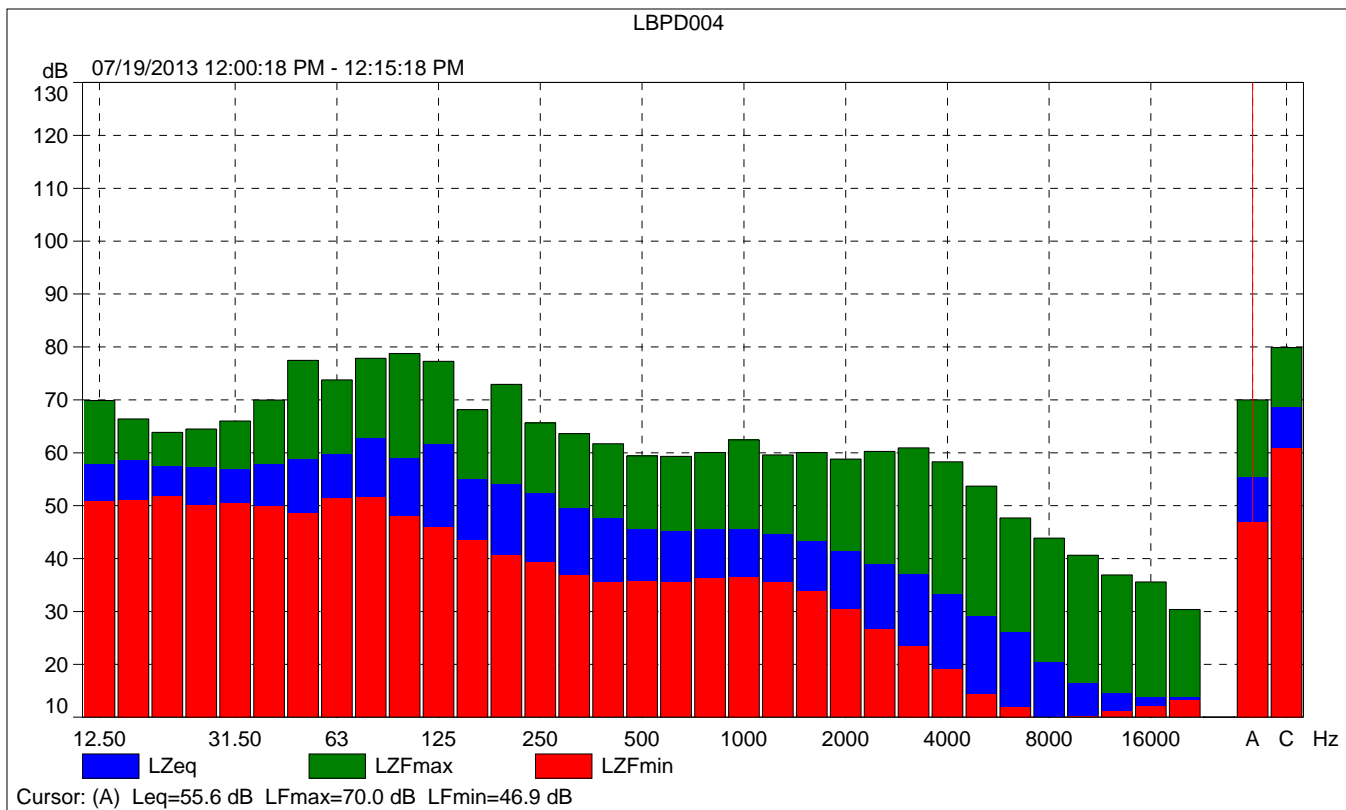
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

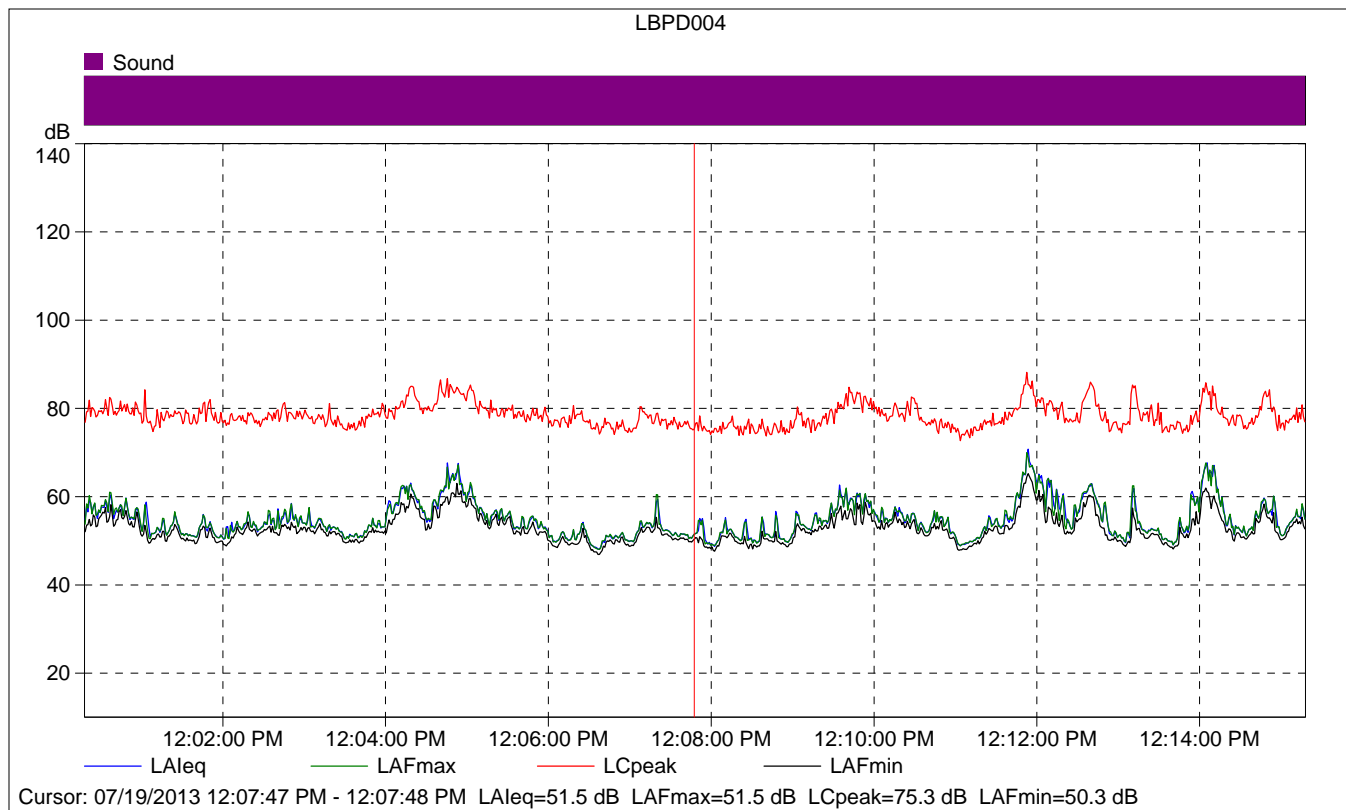
Instrument Serial Number:		2548189
Microphone Serial Number:		2543364
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Diffuse-field

Calibration Time:		07/19/2013 09:18:49
Calibration Type:		External reference
Sensitivity:		64.48 mV/Pa

LBPD004

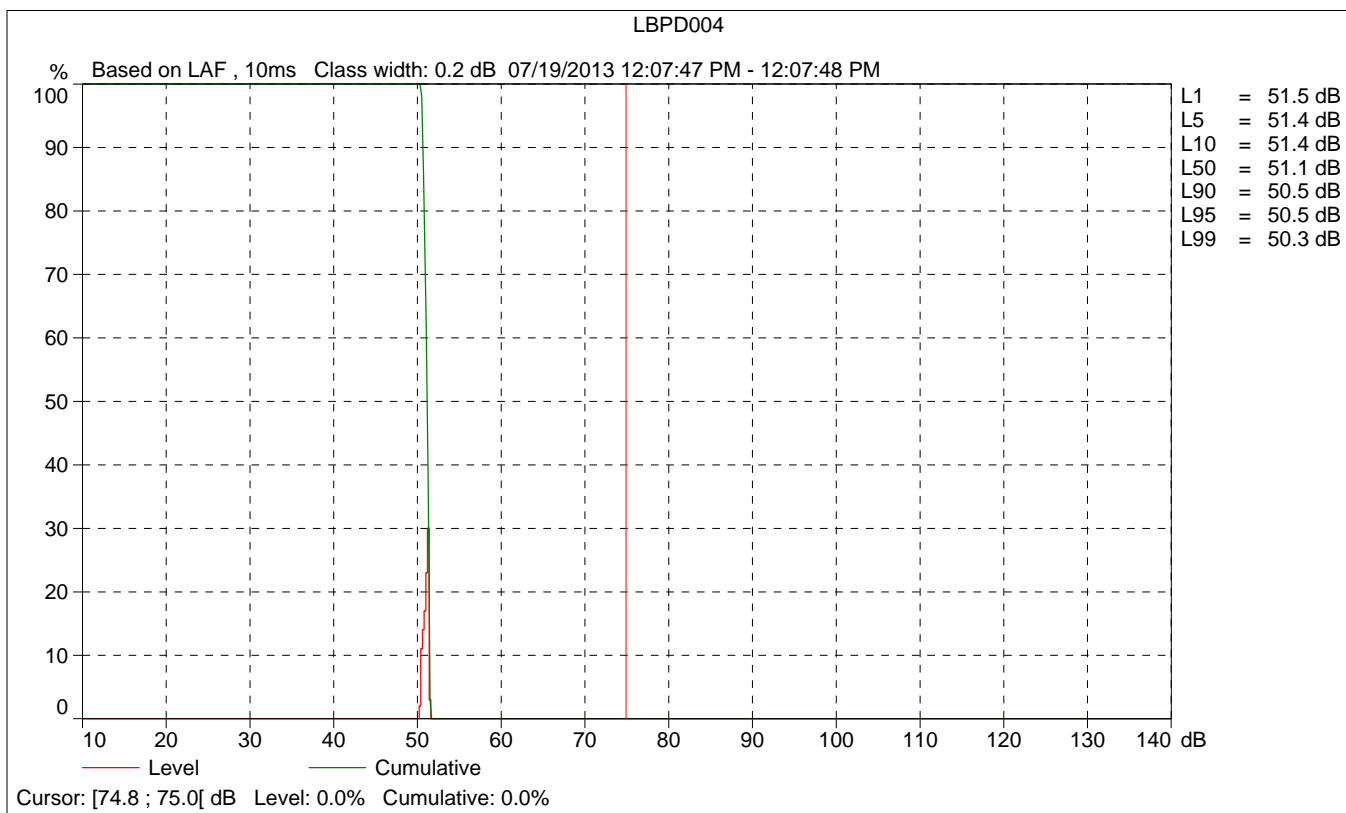
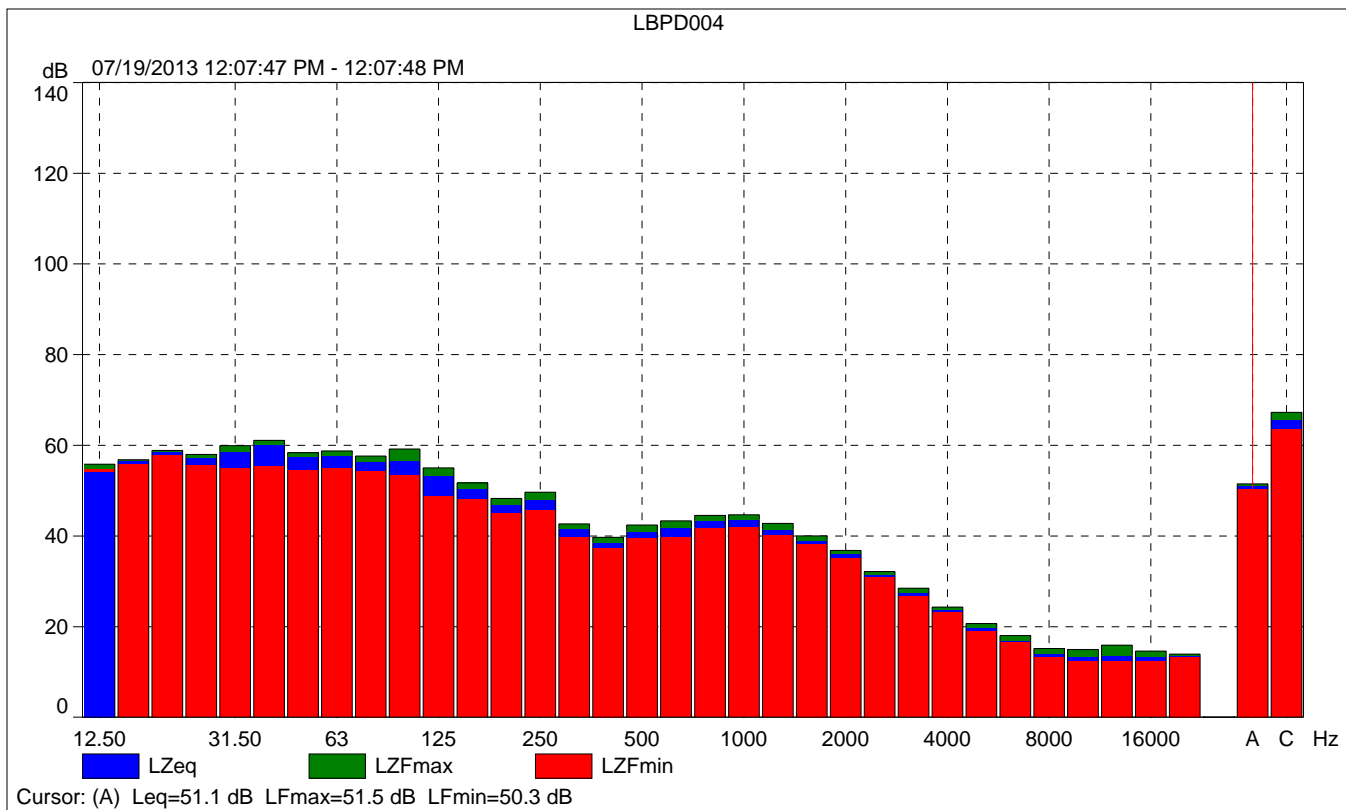
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	55.6	70.0	46.9
Time	12:00:18 PM	12:15:18 PM	0:15:00				
Date	07/19/2013	07/19/2013					

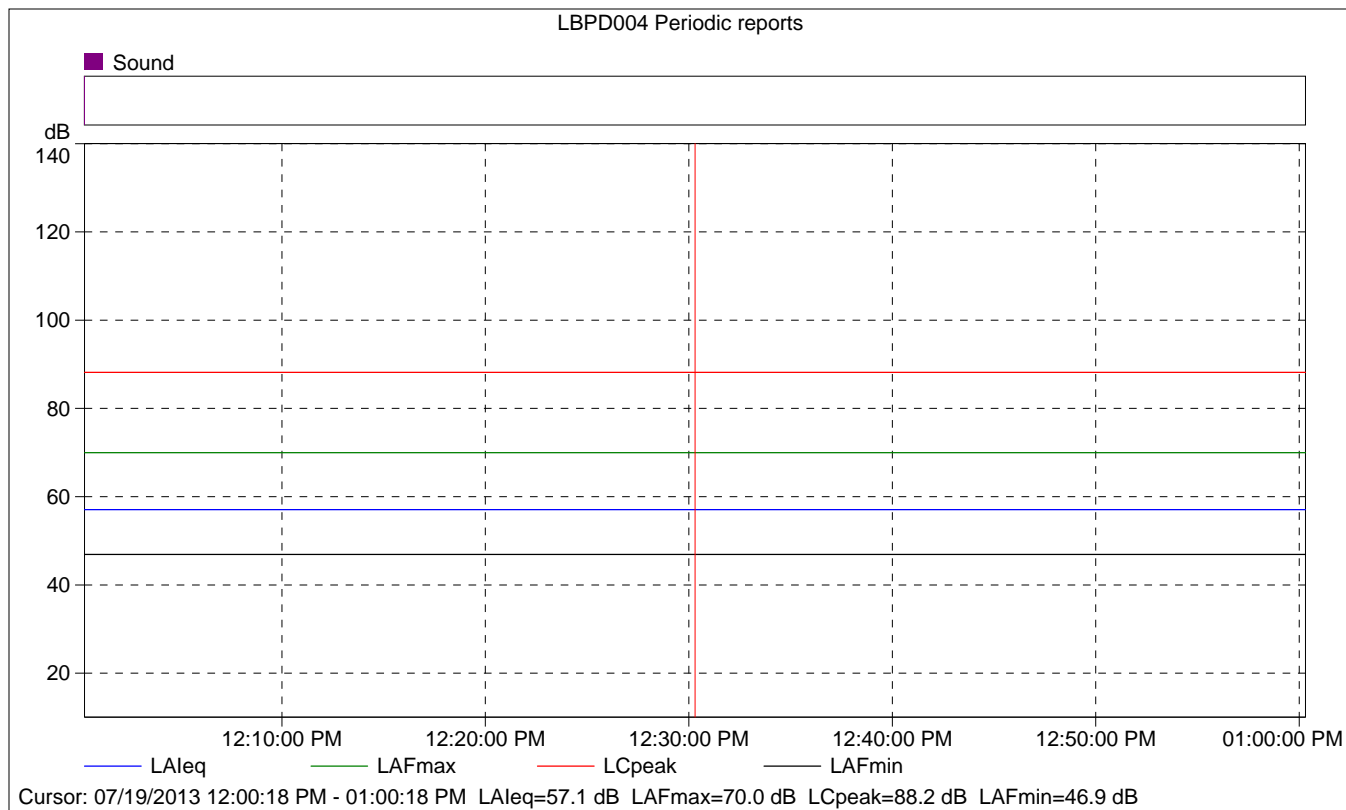




LBPD004

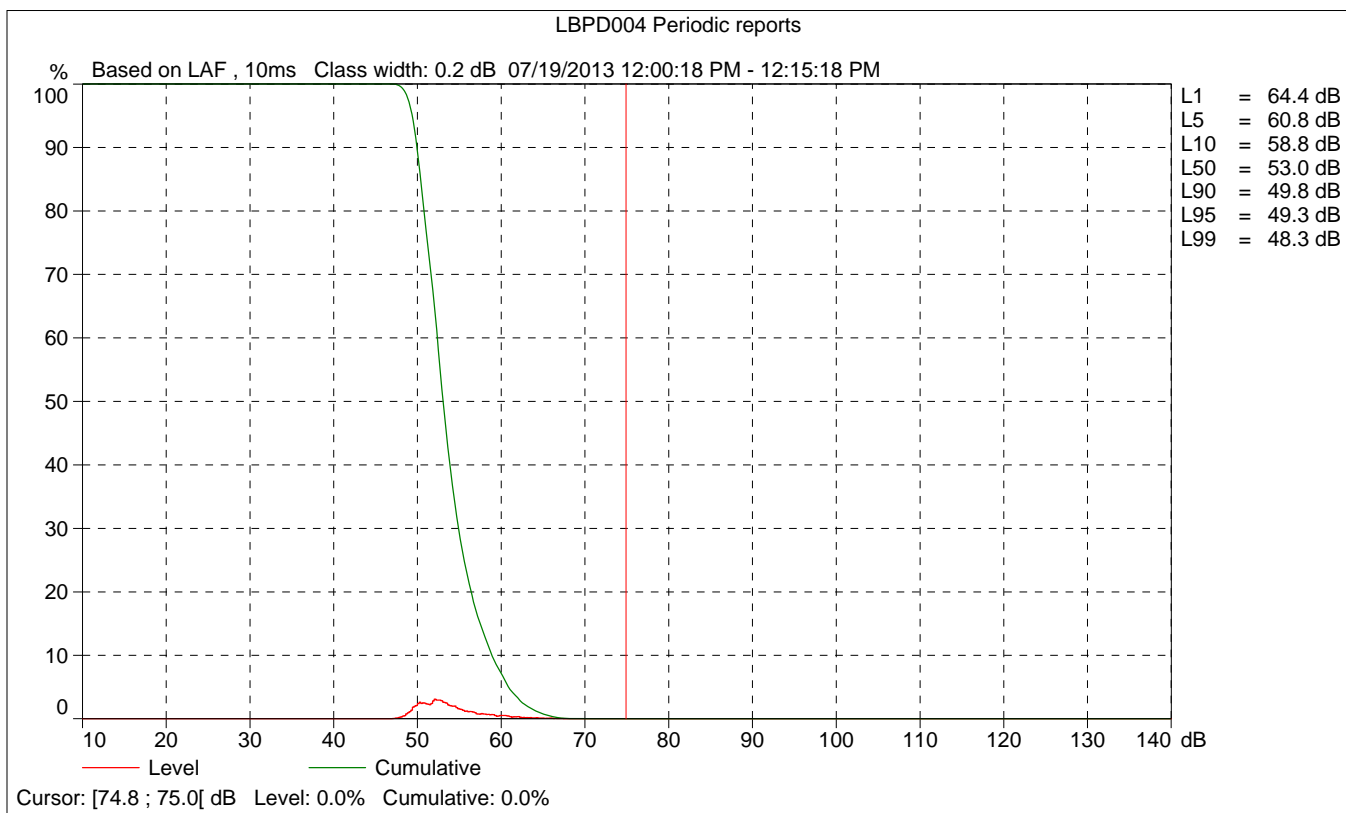
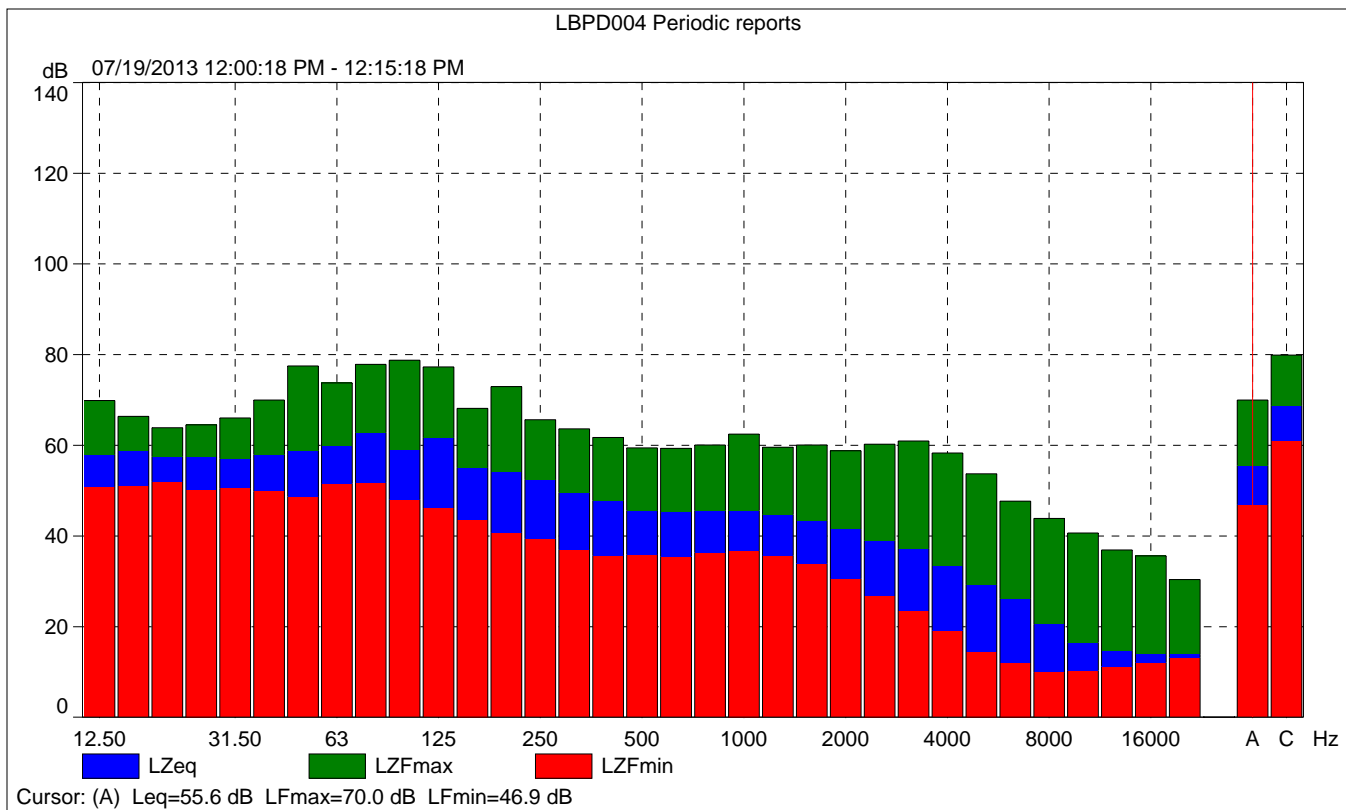
	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			51.5	51.5	50.3
Time	12:07:47 PM	0:00:01			
Date	07/19/2013				

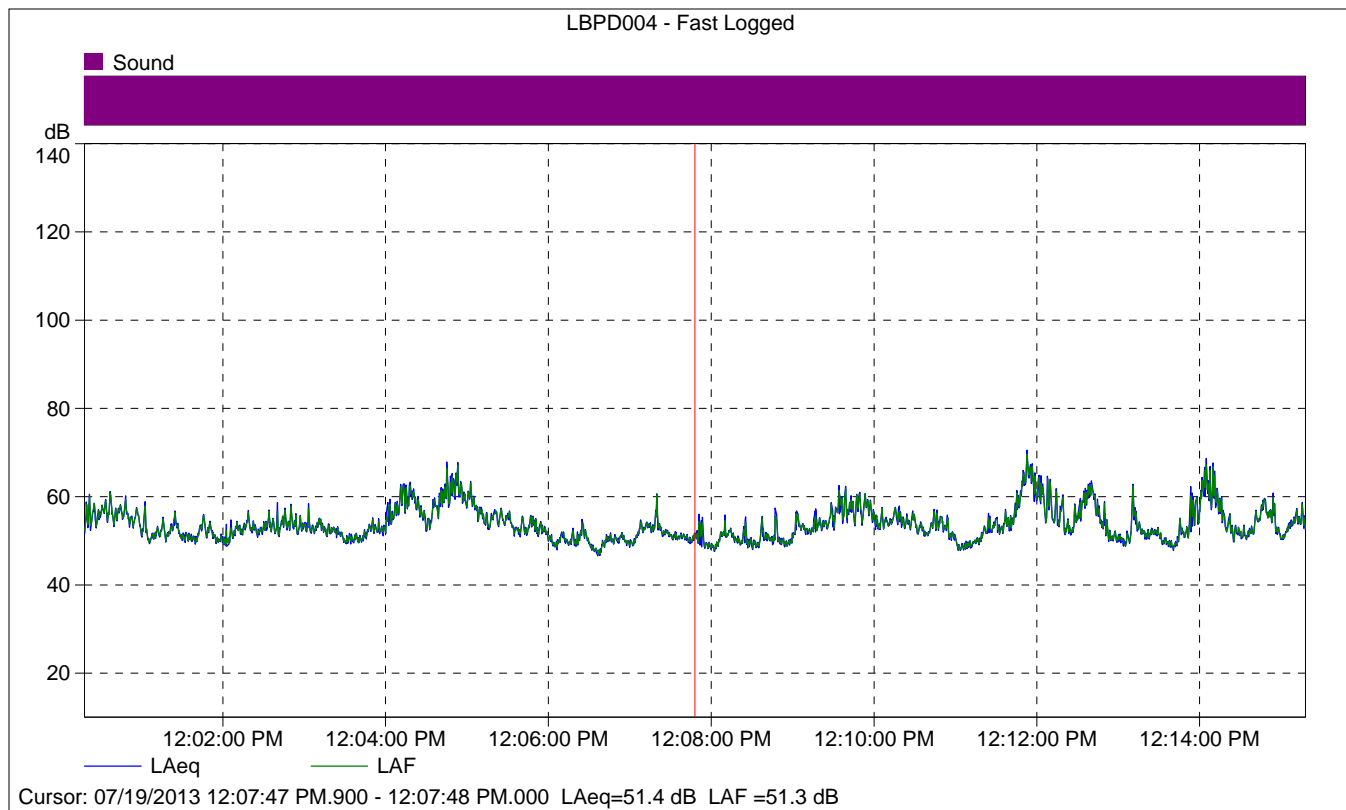




LBPD004 Periodic reports

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	57.1	70.0	46.9
Time	12:00:18 PM	0:15:00				
Date	07/19/2013					





LBPD004 - Fast Logged

	Start time	Elapsed time	LAeq [dB]
Value			51.4
Time	12:07:47 PM.900	0:00:00.100	
Date	07/19/2013		

Site Number: NM-4			
Recorded By: Ryan Chiene			
Job Number: 10107380			
Date: 7/19/13			
Time: 12:27 PM			
Location: Multifamily residential building on Willow Street			
Source of Peak Noise: Traffic on Willow Street, airplanes flying overhead, motorcycles, two 18-wheel trucks.			
Noise Data			
Leq (dB)	Lmin (dB)	Lmax (dB)	Peak (dB)
69.6	48.2	92.2	111.1

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	2548189	7/12/2013	
	Microphone	Brüel & Kjær	4189	2543364	7/12/2013	
	Preamp	Brüel & Kjær	ZC 0032	4265	7/12/2013	
	Calibrator	Brüel & Kjær	4231	2545667	7/12/2013	
Weather Data						
Est.	Duration: 15 minutes			Sky: ☀ Sunny, slight cloud cover		
	Note: dBA Offset = 0.02			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (hPa)	
	3.3		76.0		1009.5	

Photo of Measurement Location





2250

Instrument:		2250
Application:		BZ7225 Version 2.0.2
Start Time:		07/19/2013 12:27:17
End Time:		07/19/2013 12:42:17
Elapsed Time:		00:15:00
Bandwidth:		1/3-octave
Max Input Level:		138.73

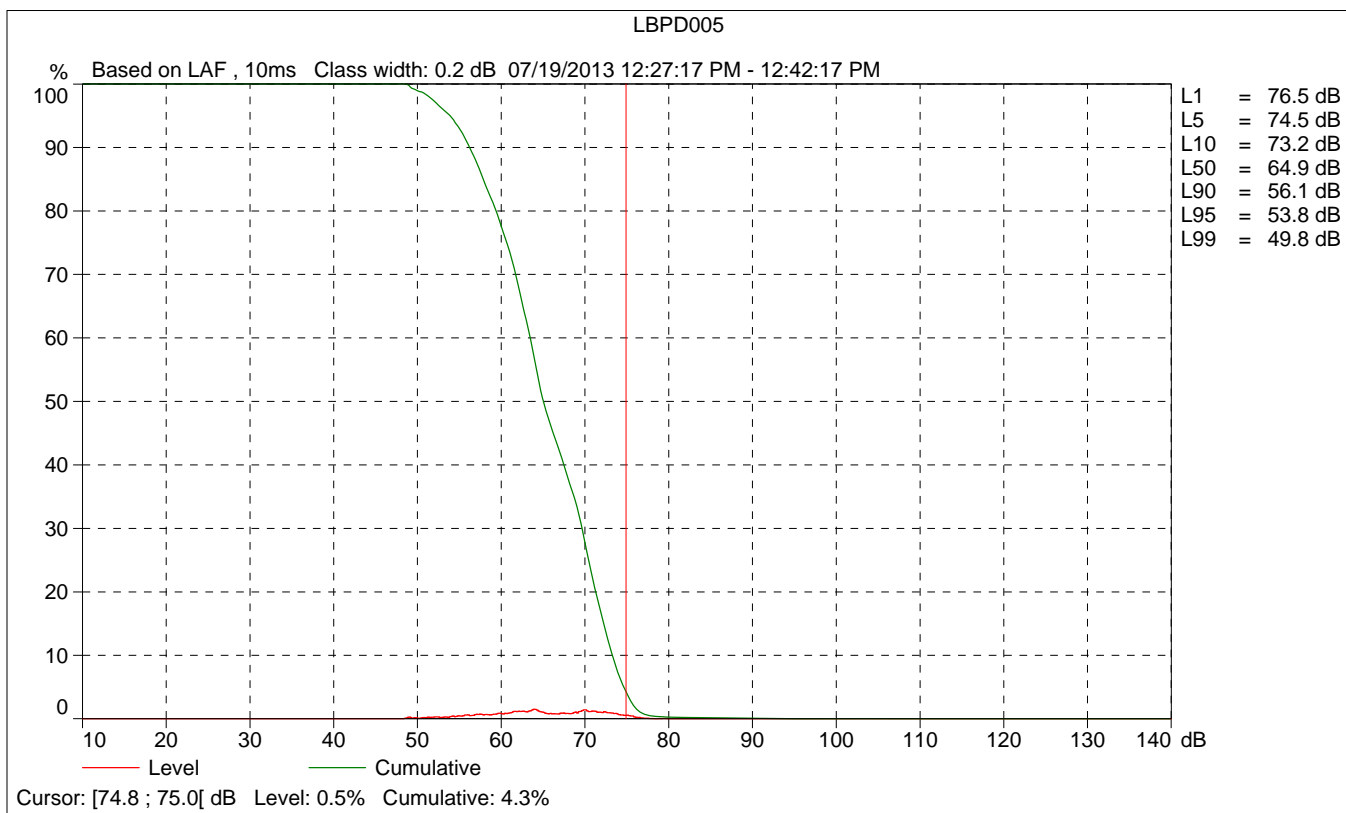
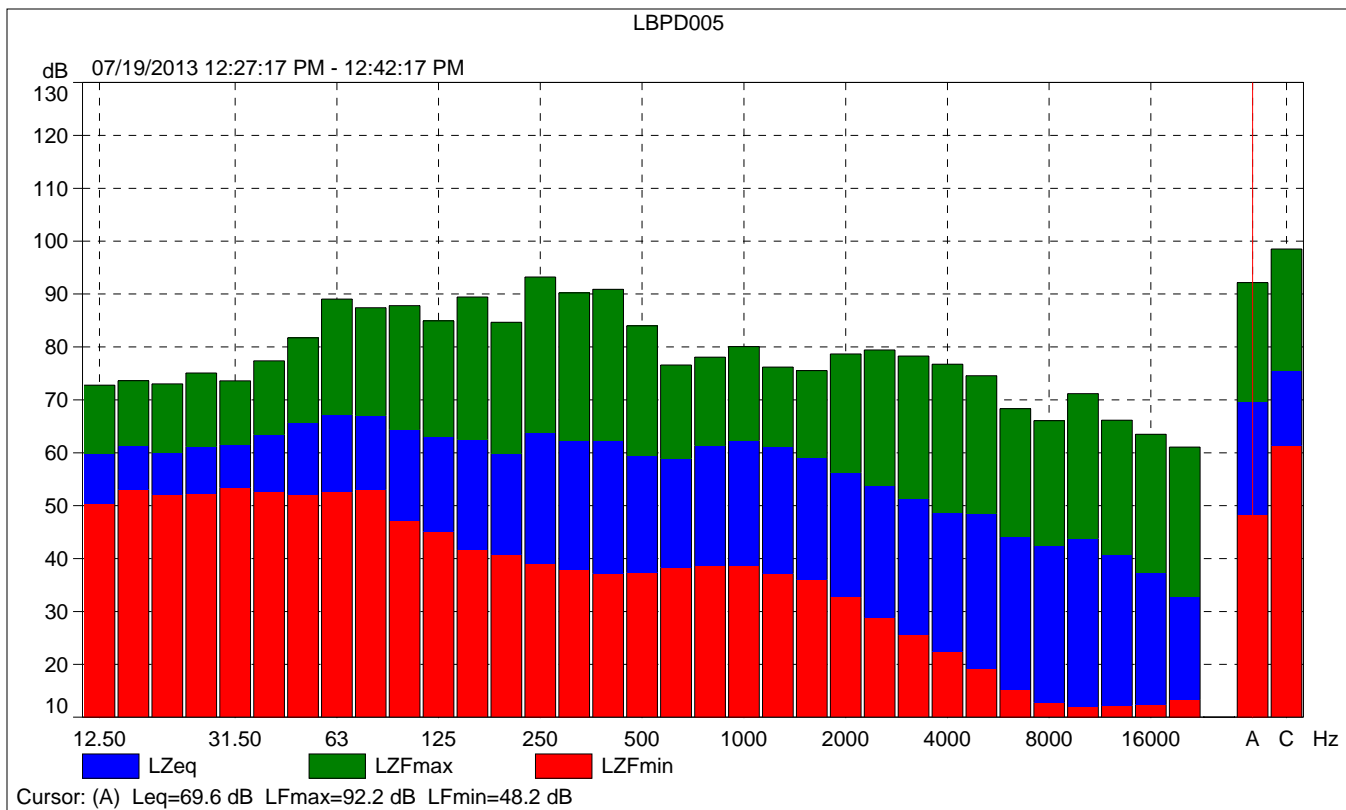
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

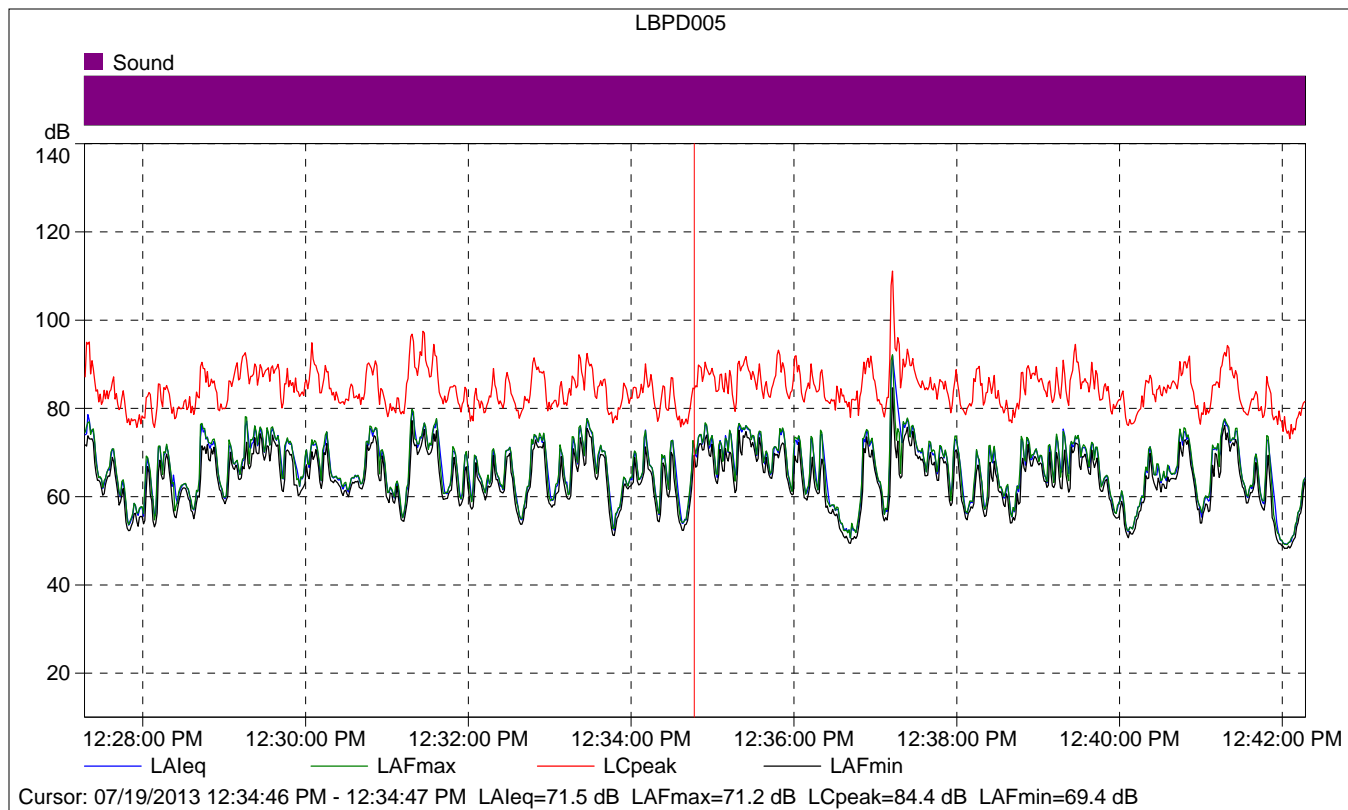
Instrument Serial Number:		2548189
Microphone Serial Number:		2543364
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Diffuse-field

Calibration Time:		07/19/2013 09:18:49
Calibration Type:		External reference
Sensitivity:		64.48 mV/Pa

LBPD005

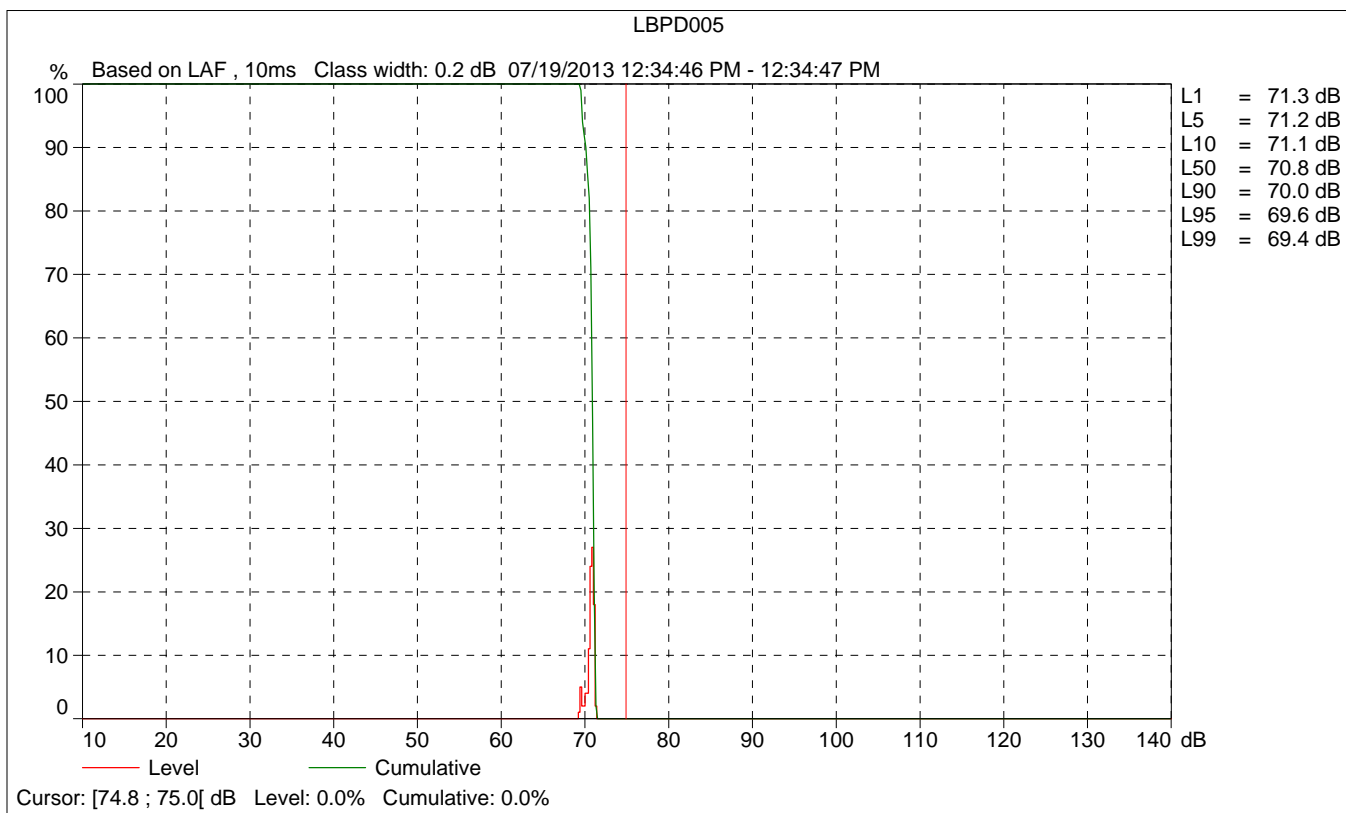
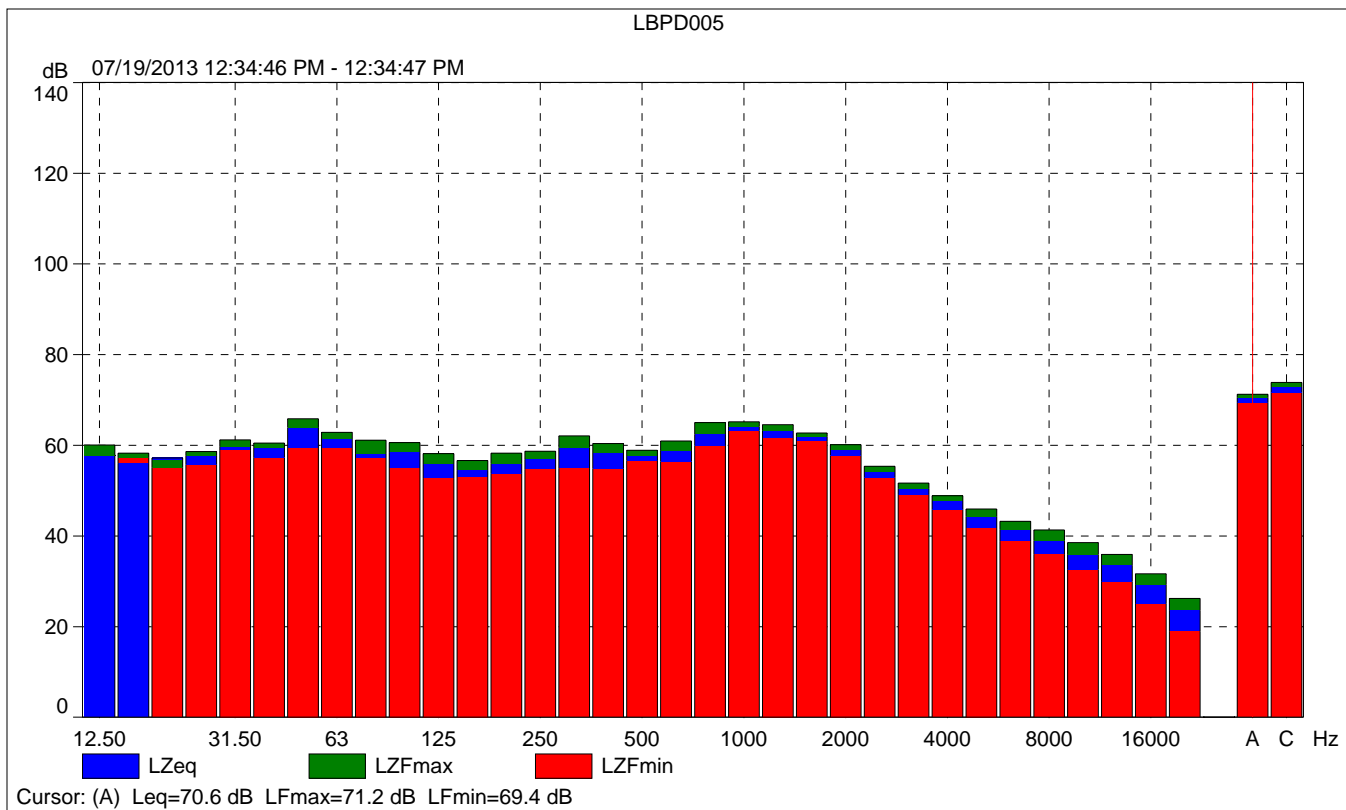
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	69.6	92.2	48.2
Time	12:27:17 PM	12:42:17 PM	0:15:00				
Date	07/19/2013	07/19/2013					

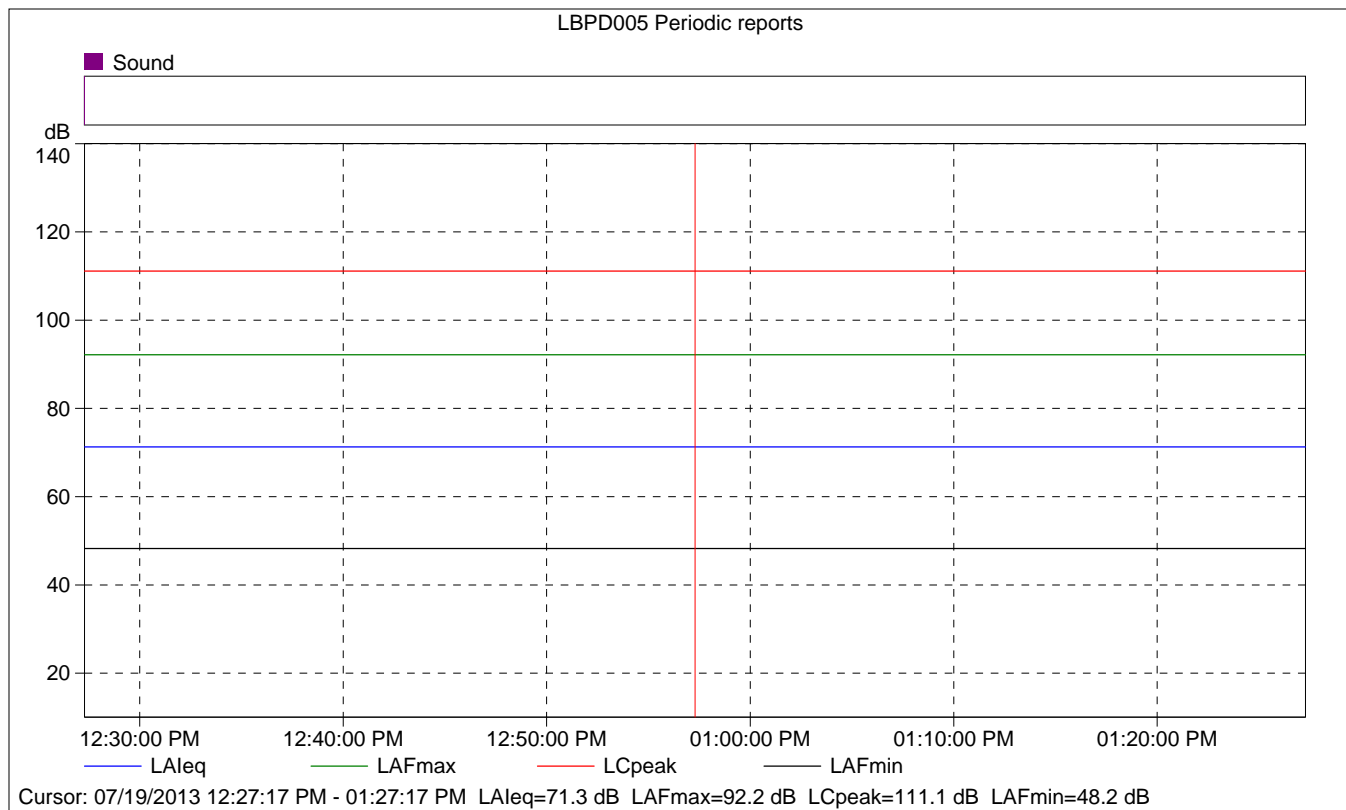




LBPD005

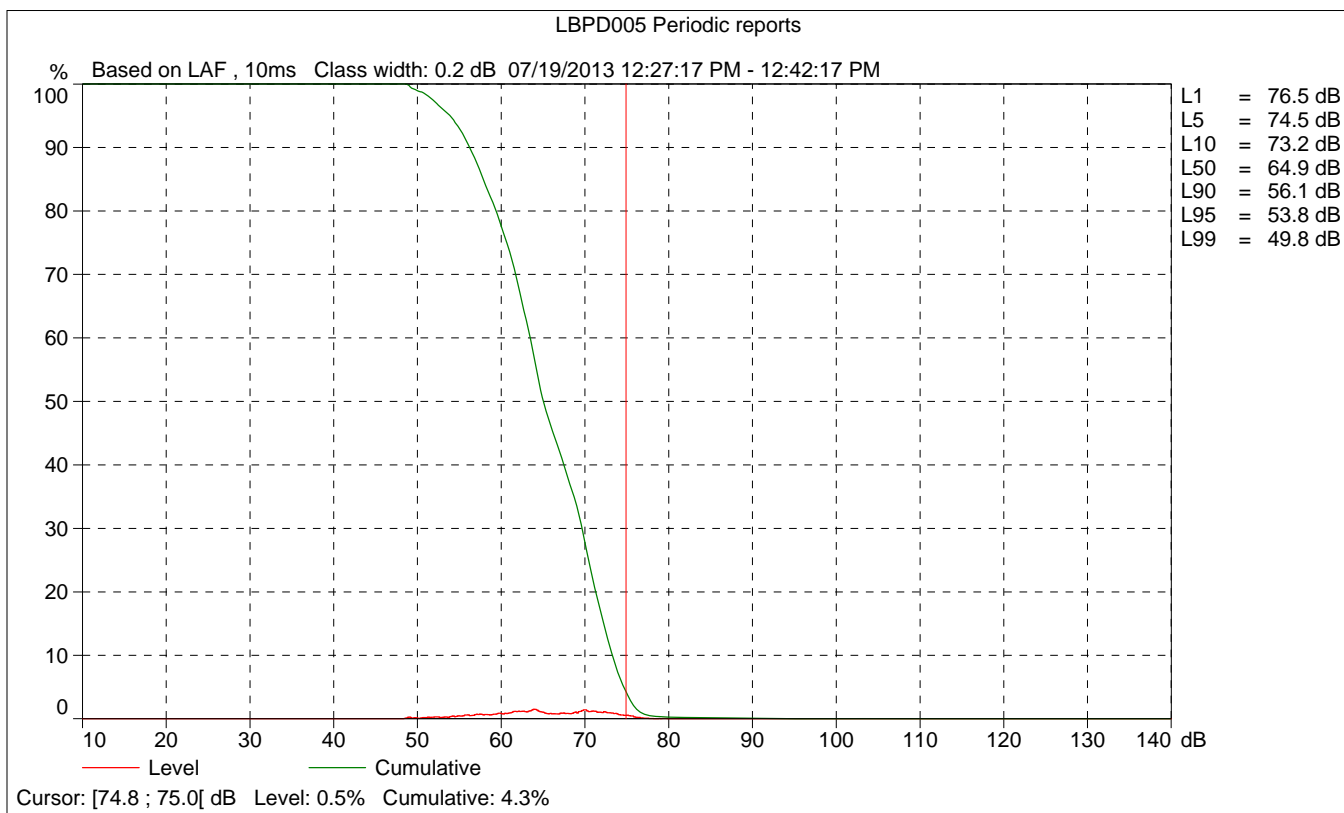
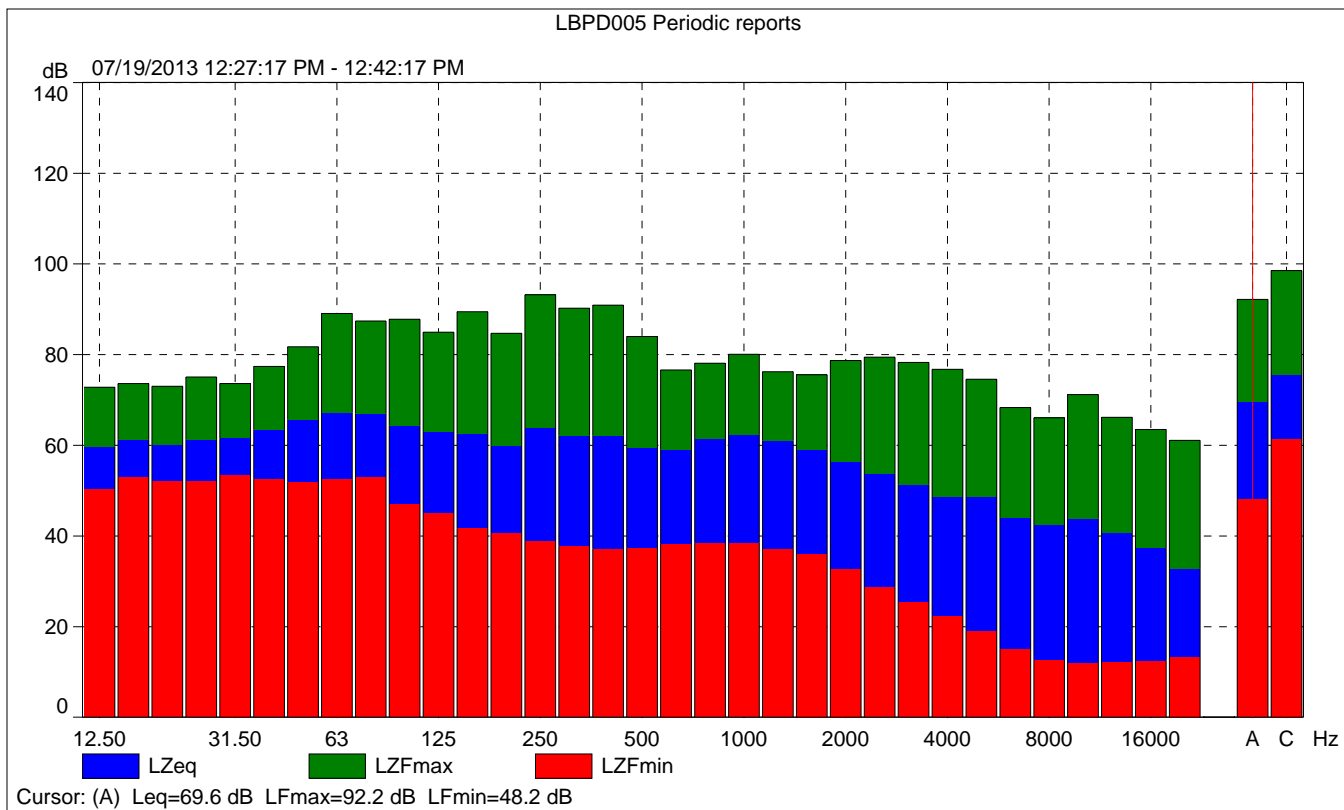
	Start time	Elapsed time	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			71.5	71.2	69.4
Time	12:34:46 PM	0:00:01			
Date	07/19/2013				

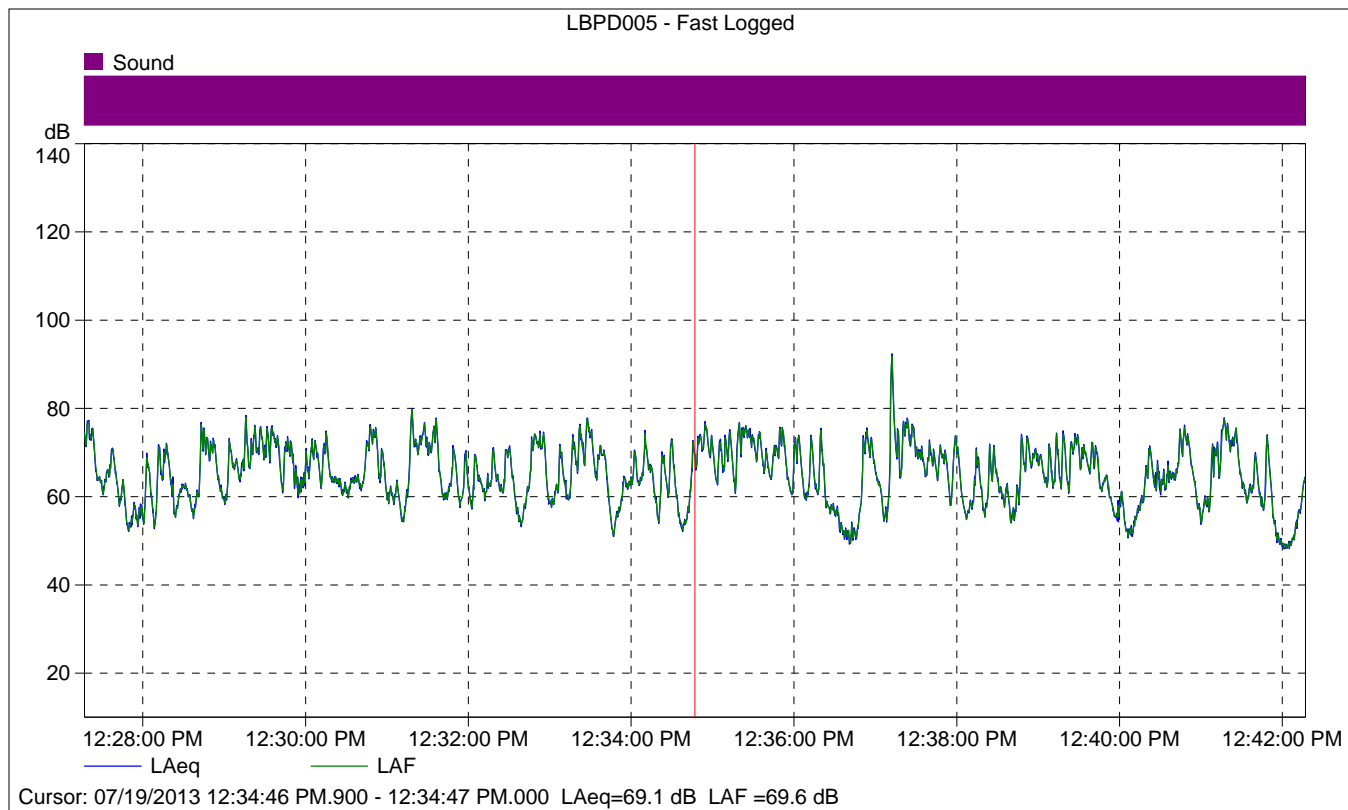




LBPD005 Periodic reports

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	71.3	92.2	48.2
Time	12:27:17 PM	0:15:00				
Date	07/19/2013					





LBPD005 - Fast Logged

	Start time	Elapsed time	LAeq [dB]
Value			69.1
Time	12:34:46 PM.900	0:00:00.100	
Date	07/19/2013		