

Appendix J

Noise Data

Table A
Construction Noise by Phase - Beverly Manor Convalescent to the South (NM1)

A	B	C	D	E	F	G	H	I
Equipment Type	# of Equipment	Equipment L _{max} at 50 feet, dBA ^{1, 2}	Distance to Receptor ³	Equipment Usage Percent	Usage Factor	Dist. Correction dB	Usage Adj. dB	Noise Level Leq (dBA) at Receptor
Demolition								
Rubber Tired Dozers	1	82	102	40	0.40	-6.2	-4.0	71.8
Tractors/Loaders/Backhoes	3	79	102	40	1.20	-6.2	0.8	73.6
							Log Sum	75.8
Foundation/Excavation								
Excavator	1	81	102	40	0.40	-6.2	-4.0	70.8
Concrete Pumps	2	81	102	20	0.40	-6.2	-4.0	70.8
Generator Sets	1	81	102	50	0.50	-6.2	-3.0	71.8
Concrete Mixer Truck	3	79	102	40	1.20	-6.2	0.8	73.6
Forklifts	1	64	102	40	0.40	-6.2	-4.0	53.8
Welders	1	73	102	40	0.40	-6.2	-4.0	62.8
Tractors/Loaders/Backhoes	1	79	102	40	0.40	-6.2	-4.0	68.8
Bore/Drill Rig	1	79	102	20	0.20	-6.2	-7.0	65.8
Rubber Tired Dozers	1	82	102	40	0.40	-6.2	-4.0	71.8
							Log Sum	78.8
Building Construction								
Cranes	1	81	102	16	0.16	-6.2	-8.0	66.8
Forklifts	2	64	102	50	1.00	-6.2	0.0	57.8
Generator Sets	1	81	102	50	0.50	-6.2	-3.0	71.8
Welders	3	73	102	40	1.20	-6.2	0.8	67.6
Tractors/Loaders/Backhoes	1	79	102	40	0.40	-6.2	-4.0	68.8
							Log Sum	75.3
Architectural Coating								
Aerial Lift	1	75	102	20	0.20	-6.2	-7.0	61.8
Air Compressors	1	78	102	40	0.40	-6.2	-4.0	67.8
							Log Sum	68.8

Notes:

(1) Source: Referenced noise levels from the Federal Transit Administration (FTA) Transit Noise and Vibration Impact Assessment Manual (September 2018).

(2) Source: https://www.google.com/url?q=http://www.noisetesting.info/blog/warehouse-forklift-workplace-noise-levels/&sa=D&source=hangouts&ust=1545259247311000&usg=AFQjCNHFcKkoEKUjv5VZM0tw_KO977Em1A

(3) Distance to receptor calculated from center of construction activity. Construction noise projected from the center of the project site to the structural façade of the nearest sensitive use.

Table B
Construction Noise by Phase - Multi-family Residential Receptors to the West (NM2)

A	B	C	D	E	F	G	H	I
Equipment Type	# of Equipment	Equipment Lmax at 50 feet, dBA ^{1, 2}	Distance to Receptor ³	Equipment Usage Percent	Usage Factor	Dist. Correction dB	Usage Adj. dB	Noise Level Leq (dBA) at Receptor
Demolition								
Rubber Tired Dozers	1	82	395	40	0.40	-18.0	-4.0	60.1
Tractors/Loaders/Backhoes	3	79	395	40	1.20	-18.0	0.8	61.8
							Log Sum	64.1
Foundation/Excavation								
Excavator	1	81	395	40	0.40	-18.0	-4.0	59.1
Concrete Pumps	2	81	395	20	0.40	-18.0	-4.0	59.1
Generator Sets	1	81	395	50	0.50	-18.0	-3.0	60.0
Concrete Mixer Truck	3	79	395	40	1.20	-18.0	0.8	61.8
Forklifts	1	64	395	40	0.40	-18.0	-4.0	42.1
Welders	1	73	395	40	0.40	-18.0	-4.0	51.1
Tractors/Loaders/Backhoes	1	79	395	40	0.40	-18.0	-4.0	57.1
Bore/Drill Rig	1	79	395	20	0.20	-18.0	-7.0	54.1
Rubber Tired Dozers	1	82	395	40	0.40	-18.0	-4.0	60.1
							Log Sum	67.0
Building Construction								
Cranes	1	81	395	16	0.16	-18.0	-8.0	55.1
Forklifts	2	64	395	50	1.00	-18.0	0.0	46.0
Generator Sets	1	81	395	50	0.50	-18.0	-3.0	60.0
Welders	3	73	395	40	1.20	-18.0	0.8	55.8
Tractors/Loaders/Backhoes	1	79	395	40	0.40	-18.0	-4.0	57.1
							Log Sum	63.5
Architectural Coating								
Aerial Lift	1	75	395	20	0.20	-18.0	-7.0	50.1
Air Compressors	1	78	395	40	0.40	-18.0	-4.0	56.1
							Log Sum	57.0

Notes:

(1) Source: Referenced noise levels from the Federal Transit Administration (FTA) Transit Noise and Vibration Impact Assessment Manual (September 2018).

(2) Source: https://www.google.com/url?q=http://www.noisetesting.info/blog/warehouse-forklift-workplace-noise-levels/&sa=D&source=hangouts&ust=1545259247311000&usg=AFQjCNHFcKKoEKUjv5VZM0tw_KO977Em1A

(3) Distance to receptor calculated from center of site. Construction noise projected from the center of the project site to the structural façade of the nearest sensitive use.

Table C
Construction Noise by Phase - Columbus Avenue Elementary School East of the Project Site (NM3)

A	B	C	D	E	F	G	H	I
Equipment Type	# of Equipment	Equipment Lmax at 50 feet, dBA ^{1, 2}	Distance to Receptor ³	Equipment Usage Percent	Usage Factor	Dist. Correction dB	Usage Adj. dB	Noise Level Leq (dBA) at Receptor
Demolition								
Rubber Tired Dozers	1	82	400	40	0.40	-18.1	-4.0	60.0
Tractors/Loaders/Backhoes	3	79	400	40	1.20	-18.1	0.8	61.7
							Log Sum	63.9
Foundation/Excavation								
Excavator	1	81	400	40	0.40	-18.1	-4.0	59.0
Concrete Pumps	2	81	400	20	0.40	-18.1	-4.0	59.0
Generator Sets	1	81	400	50	0.50	-18.1	-3.0	59.9
Concrete Mixer Truck	3	79	400	40	1.20	-18.1	0.8	61.7
Forklifts	1	64	400	40	0.40	-18.1	-4.0	42.0
Welders	1	73	400	40	0.40	-18.1	-4.0	51.0
Tractors/Loaders/Backhoes	1	79	400	40	0.40	-18.1	-4.0	57.0
Bore/Drill Rig	1	79	400	20	0.20	-18.1	-7.0	53.9
Rubber Tired Dozers	1	82	400	40	0.40	-18.1	-4.0	60.0
							Log Sum	66.9
Building Construction								
Cranes	1	81	400	16	0.16	-18.1	-8.0	55.0
Forklifts	2	64	400	50	1.00	-18.1	0.0	45.9
Generator Sets	1	81	400	50	0.50	-18.1	-3.0	59.9
Welders	3	73	400	40	1.20	-18.1	0.8	55.7
Tractors/Loaders/Backhoes	1	79	400	40	0.40	-18.1	-4.0	57.0
							Log Sum	63.4
Architectural Coating								
Aerial Lift	1	75	400	20	0.20	-18.1	-7.0	49.9
Air Compressors	1	78	400	40	0.40	-18.1	-4.0	56.0
							Log Sum	56.9

Notes:

(1) Source: Referenced noise levels from the Federal Transit Administration (FTA) Transit Noise and Vibration Impact Assessment Manual (September 2018).

(2) Source: https://www.google.com/url?q=http://www.noisetesting.info/blog/warehouse-forklift-workplace-noise-levels/&sa=D&source=hangouts&ust=1545259247311000&usg=AFQjCNHFcKKoEKUjy5VZMOTw_KO977Em1A

(3) Distance to receptor calculated from center of site. Construction noise projected from the center of the project site to the structural façade of the nearest sensitive use.

Table D
Construction Noise by Phase - Center for Healthy Living North of the Site (NM3)

A	B	C	D	E	F	G	H	I
Equipment Type	# of Equipment	Equipment Lmax at 50 feet, dBA ^{1, 2}	Distance to Receptor ³	Equipment Usage Percent	Usage Factor	Dist. Correction dB	Usage Adj. dB	Noise Level Leq (dBA) at Receptor
Demolition								
Rubber Tired Dozers	1	82	204	40	0.40	-12.2	-4.0	65.8
Tractors/Loaders/Backhoes	3	79	204	40	1.20	-12.2	0.8	67.6
							Log Sum	69.8
Foundation/Excavation								
Excavator	1	81	204	40	0.40	-12.2	-4.0	64.8
Concrete Pumps	2	81	204	20	0.40	-12.2	-4.0	64.8
Generator Sets	1	81	204	50	0.50	-12.2	-3.0	65.8
Concrete Mixer Truck	3	79	204	40	1.20	-12.2	0.8	67.6
Forklifts	1	64	204	40	0.40	-12.2	-4.0	47.8
Welders	1	73	204	40	0.40	-12.2	-4.0	56.8
Tractors/Loaders/Backhoes	1	79	204	40	0.40	-12.2	-4.0	62.8
Bore/Drill Rig	1	79	204	20	0.20	-12.2	-7.0	59.8
Rubber Tired Dozers	1	82	204	40	0.40	-12.2	-4.0	65.8
							Log Sum	72.8
Building Construction								
Cranes	1	81	204	16	0.16	-12.2	-8.0	60.8
Forklifts	2	64	204	50	1.00	-12.2	0.0	51.8
Generator Sets	1	81	204	50	0.50	-12.2	-3.0	65.8
Welders	3	73	204	40	1.20	-12.2	0.8	61.6
Tractors/Loaders/Backhoes	1	79	204	40	0.40	-12.2	-4.0	62.8
							Log Sum	69.3
Architectural Coating								
Aerial Lift	1	75	204	20	0.20	-12.2	-7.0	55.8
Air Compressors	1	78	204	40	0.40	-12.2	-4.0	61.8
							Log Sum	62.8

Notes:

(1) Source: Referenced noise levels from the Federal Transit Administration (FTA) Transit Noise and Vibration Impact Assessment Manual (September 2018).

(2) Source: https://www.google.com/url?q=http://www.noisetesting.info/blog/warehouse-forklift-workplace-noise-levels/&sa=D&source=hangouts&ust=1545259247311000&usg=AFQjCNHFcKKoEKUjy5VZMOTw_KO977Em1A

(3) Distance to receptor calculated from center of site. Construction noise projected from the center of the project site to the structural façade of the nearest sensitive use.

Table E
Construction Noise by Phase - Residential Receptors South of the Project Site (NM4)

A	B	C	D	E	F	G	H	I
Equipment Type	# of Equipment	Equipment Lmax at 50 feet, dBA ^{1, 2}	Distance to Receptor ³	Equipment Usage Percent	Usage Factor	Dist. Correction dB	Usage Adj. dB	Noise Level Leq (dBA) at Receptor
Demolition								
Rubber Tired Dozers	1	82	326	40	0.40	-16.3	-4.0	61.7
Tractors/Loaders/Backhoes	3	79	326	40	1.20	-16.3	0.8	63.5
							Log Sum	65.7
Foundation/Excavation								
Excavator	1	81	326	40	0.40	-16.3	-4.0	60.7
Concrete Pumps	2	81	326	20	0.40	-16.3	-4.0	60.7
Generator Sets	1	81	326	50	0.50	-16.3	-3.0	61.7
Concrete Mixer Truck	3	79	326	40	1.20	-16.3	0.8	63.5
Forklifts	1	64	326	40	0.40	-16.3	-4.0	43.7
Welders	1	73	326	40	0.40	-16.3	-4.0	52.7
Tractors/Loaders/Backhoes	1	79	326	40	0.40	-16.3	-4.0	58.7
Bore/Drill Rig	1	79	326	20	0.20	-16.3	-7.0	55.7
Rubber Tired Dozers	1	82	326	40	0.40	-16.3	-4.0	61.7
							Log Sum	68.7
Building Construction								
Cranes	1	81	326	16	0.16	-16.3	-8.0	56.8
Forklifts	2	64	326	50	1.00	-16.3	0.0	47.7
Generator Sets	1	81	326	50	0.50	-16.3	-3.0	61.7
Welders	3	73	326	40	1.20	-16.3	0.8	57.5
Tractors/Loaders/Backhoes	1	79	326	40	0.40	-16.3	-4.0	58.7
							Log Sum	65.2
Architectural Coating								
Aerial Lift	1	75	326	20	0.20	-16.3	-7.0	51.7
Air Compressors	1	78	326	40	0.40	-16.3	-4.0	57.7
							Log Sum	58.7

Notes:

(1) Source: Referenced noise levels from the Federal Transit Administration (FTA) Transit Noise and Vibration Impact Assessment Manual (September 2018).

(2) Source: https://www.google.com/url?q=http://www.noisetesting.info/blog/warehouse-forklift-workplace-noise-levels/&sa=D&source=hangouts&ust=1545259247311000&usg=AFQjCNHFcKKoEKUjv5VZMOTw_KO977Em1A

(3) Distance to receptor calculated from center of site. Construction noise projected from the center of the project site to the structural façade of the nearest sensitive use.

Table F
Construction Noise Levels (L_{eq})

Construction Phase	Receptor Location	Unmitigated Construction Noise Levels (dBA Leq) ¹	Noise Level Where Construction Impacts Would Be Significant?	Increase Over Threshold Levels (dBA)	Noise Levels with BMPs ² (dBA)
Demolition	(NM1) Beverly Manor Convalescent Center, south of the Project Site	75.8	78.1	-2.3	65.8
	(NM2) Multi-family Residential to the west of the Project Site	64.1	78.5	-14.4	64.1
	(NM3) Columbus Avenue Elementary School to the east of the Project Site	63.9	61.3	2.6	53.9
	(NM3) Center for Healthy Living Senior Citizen Center, north of the Project Site	69.8	63.3	6.5	59.8
	(NM4) Single family uses located south of the Project Site, west of Columbus Avenue at Lemay Street.	65.7	61.1	4.6	65.7
Grading/Excavation	(NM1) Beverly Manor Convalescent Center, south of the Project Site	78.8	78.1	0.7	68.8
	(NM2) Multi-family Residential to the west of the Project Site	67.0	78.5	-11.5	67.0
	(NM3) Columbus Avenue Elementary School to the east of the Project Site	66.9	61.3	5.6	56.9
	(NM3) Center for Healthy Living Senior Citizen Center, north of the Project Site	72.8	63.3	9.5	62.8
	(NM4) Single family uses located south of the Project Site, west of Columbus Avenue at Lemay Street.	68.7	61.1	7.6	58.7
Building Construction	(NM1) Beverly Manor Convalescent Center, south of the Project Site	75.3	78.1	-2.8	65.3
	(NM2) Multi-family Residential to the west of the Project Site	63.5	78.5	-15.0	63.5
	(NM3) Columbus Avenue Elementary School to the east of the Project Site	63.4	61.3	2.1	53.4
	(NM3) Center for Healthy Living Senior Citizen Center, north of the Project Site	69.3	63.3	6.0	59.3
	(NM4) Single family uses located south of the Project Site, west of Columbus Avenue at Lemay Street.	65.2	61.1	4.1	55.2
Architectural Coating	(NM1) Beverly Manor Convalescent Center, south of the Project Site	68.8	78.1	-9.3	68.8
	(NM2) Multi-family Residential to the west of the Project Site	57.0	78.5	-21.5	57.0
	(NM3) Columbus Avenue Elementary School to the east of the Project Site	56.9	61.3	-4.4	56.9
	(NM3) Center for Healthy Living Senior Citizen Center, north of the Project Site	62.8	63.3	-0.5	62.8
	(NM4) Single family uses located south of the Project Site, west of Columbus Avenue at Lemay Street.	58.7	61.1	-2.4	58.7

Notes:

(1) Construction noise calculated in Tables A through E.

(2) Noise level reduction with incorporation of BMPs which requires a 10 dBA noise reduction from mufflers and/or shielding for all receptors (except (NM2) Multi-family Residential to the west of the Project Site) during all phases of construction except architectural coating.

Table G						
Noise Levels 50 feet from Roadway Centerline*						
Road Segments	Existing		Existing Plus Project			Is the Increase Significant ?
	ADT	dB CNEL	ADT	Total	Project-Specific Increase	
Sepulveda Boulevard						
n/o Sherman Way	15,930	69.7	15,980	69.7	0.0	No
s/o Sherman Way	10,270	67.8	10,520	67.9	0.1	No
n/o Vanowen Street	16,250	69.8	16,410	69.9	0.1	No
s/o Vanowen Street	8,210	66.8	8,620	67.1	0.3	No
n/o Kittridge Street	15,680	69.7	16,090	69.8	0.1	No
s/o Kittridge Street	8,390	66.9	8,620	67.1	0.2	No
n/o Victory Blvd	16,050	69.8	16,400	69.8	0.0	No
s/o Victory Blvd	10,400	67.9	10,470	67.9	0.0	No
Sherman Way						
w/o Sepulveda Blvd	19,810	70.7	19,880	70.7	0.0	No
e/o Sepulveda Blvd	16,550	69.9	16,590	69.9	0.0	No
Vanowen Street						
w/o Sepulveda Blvd	12,340	68.6	12,390	68.6	0.0	No
e/o Sepulveda Blvd	11,670	68.4	11,720	68.4	0.0	No
Kittridge Street						
e/o Sepulveda Blvd	1,600	59.7	1,680	60.0	0.3	No
Victory Boulevard						
w/o Sepulveda Blvd	16,880	70.0	16,990	70.0	0.0	No
e/o Sepulveda Blvd	14,230	69.2	14,280	69.2	0.0	No
*The uniform distance of 50 feet allows for direct comparisons of potential increases or decreases in noise levels based upon various traffic scenarios; however, at this distance, no specific noise standard necessarily applies						

Table I						
Noise Levels 50 feet from Roadway Centerline*						
Road Segments	Existing		Future Plus Project			Is the Increase Significant ?
	ADT	dB CNEL	ADT	Total	Project-Specific Increase	
Sepulveda Boulevard						
n/o Sherman Way	15,930	69.7	17,330	70.1	0.4	No
s/o Sherman Way	10,270	67.8	11,510	68.3	0.5	No
n/o Vanowen Street	16,250	69.8	17,690	70.2	0.4	No
s/o Vanowen Street	8,210	66.8	9,260	67.4	0.6	No
n/o Kittridge Street	15,680	69.7	16,990	70.0	0.3	No
s/o Kittridge Street	8,390	66.9	9,270	67.4	0.5	No
n/o Victory Blvd	16,050	69.8	17,270	70.1	0.3	No
s/o Victory Blvd	10,400	67.9	11,100	68.2	0.3	No
Sherman Way						
w/o Sepulveda Blvd	19,810	70.7	21,280	71.0	0.3	No
e/o Sepulveda Blvd	16,550	69.9	17,800	70.2	0.3	No
Vanowen Street						
w/o Sepulveda Blvd	12,340	68.6	13,610	69.0	0.4	No
e/o Sepulveda Blvd	11,670	68.4	12,840	68.8	0.4	No
Kittridge Street						
e/o Sepulveda Blvd	1,600	59.7	1,750	60.1	0.4	No
Victory Boulevard						
w/o Sepulveda Blvd	16,880	70.0	18,170	70.3	0.3	No
e/o Sepulveda Blvd	14,230	69.2	15,320	69.6	0.4	No
*The uniform distance of 50 feet allows for direct comparisons of potential increases or decreases in noise levels based upon various traffic scenarios; however, at this distance, no specific noise standard necessarily applies						

VdB Calculations

Based on reference equation 7-3 from Transit Noise and Vibration Impact Assessment Manual, Federal Transit Administration, 2018, pg 185

$L_v (distance) = L_v (ref) - 30 * \log (D/25)$

large bulldozer @ 10 feet

Lv 98.94

large bulldozer @ 80 feet

Lv 71.85

GROUNDBORNE VIBRATION ANALYSIS			
Project:	6728 Sepulveda		Date: 4/18/23
Source:	Large Bulldozer or Caisson Drill		
Scenario:	Unmitigated		
Location:	Project Site		
Address:	Center for Healthy Living Senior Citizen Center		
PPV = PPVref(25/D)^n (in/sec)			
INPUT			
Equipment = Type	2	Large Bulldozer	INPUT SECTION IN GREEN
PPVref =	0.089	Reference PPV (in/sec) at 25 ft.	
D =	10.00	Distance from Equipment to Receiver (ft)	
n =	1.50	Vibration attenuation rate through the ground	
Note: Based on reference equation 7-2 from Transit Noise and Vibration Impact Assessment Manual, Federal Transit Administration, 2018, pg 185.			
RESULTS			
PPV =	0.352	IN/SEC	OUTPUT IN BLUE

GROUNDBORNE VIBRATION ANALYSIS			
Project:	6728 Sepulveda		Date: 4/18/23
Source:	Large Bulldozer or Caisson Drill		
Scenario:	Mitigated		
Location:	Project Site		
Address:	Center for Healthy Living Senior Citizen Center		
PPV = PPVref(25/D)^n (in/sec)			
INPUT			
Equipment = Type	2	Large Bulldozer	INPUT SECTION IN GREEN
PPVref =	0.089	Reference PPV (in/sec) at 25 ft.	
D =	15.00	Distance from Equipment to Receiver (ft)	
n =	1.50	Vibration attenuation rate through the ground	
Note: Based on reference equation 7-2 from Transit Noise and Vibration Impact Assessment Manual, Federal Transit Administration, 2018, pg 185.			
RESULTS			
PPV =	0.191	IN/SEC	OUTPUT IN BLUE

15-Minute Noise Measurement Datasheet

Project: 6728 Sepulveda Boulevard, Van Nuys.
Site Address/Location: 6728 Sepulveda Boulevard, Van Nuys, CA 91411
Date: 11/18/2022
Field Tech/Engineer: Ian Edward Gallagher

General Location: 6728 Sepulveda Boulevard, Van Nuys.
Sound Meter: Larson Davis Sound Track LxT1 **SN:** 3099
Settings: A-weighted, slow, 10-sec, 15-minute interval
Meteorological Con.: 72 deg F, 6 mph wind, 20% humidity, clear skies, sunshine.
Site ID: NM-1, 2, 3 & 4

Site Observations:

Main noise sources are from vehicular traffic travelling along Sepulveda Boulevard, Van Owen Street & other surrounding roads . The local buildings reflect & refract much of the sound. Other noise sources include bird song, residential ambience, wind chimes,, pedestrians. Occasional low altitude aircraft, both fixed wing & helicopters passing overhead. Leaf rustle from nearby trees due to 6 mph breeze. Slight school yard ambience for NM3 & NM4.

Site Urban. Mixture of businesses with single & multifamily residences.

Type: Hard (urban) site conditions, acoustically refractive, absorptive but mostly reflective.

NM locations, latitude , longitude :

NM1 Meter: 34°11'32.72"N

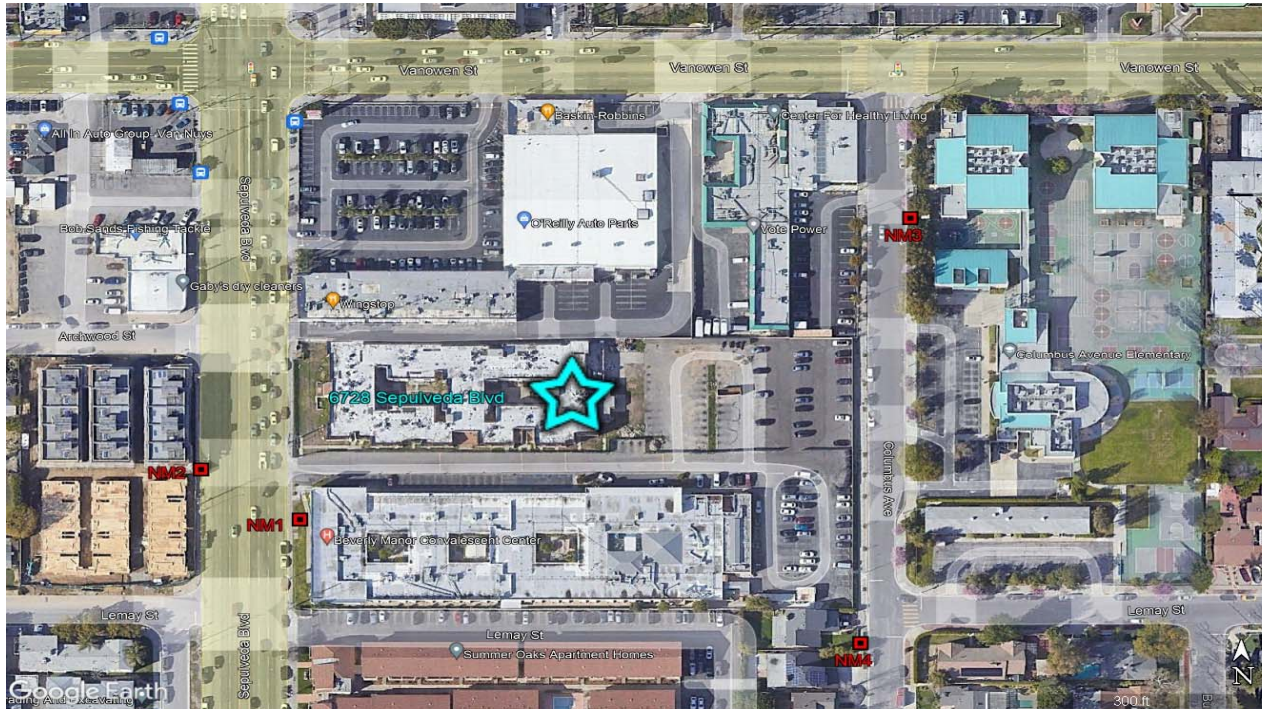
118°27'57.66"W

NM2 Meter: 34°11'33.32"N

118°27'58.87"W

NM3 Meter: 34°11'36.35"N 118°27'50.19"W

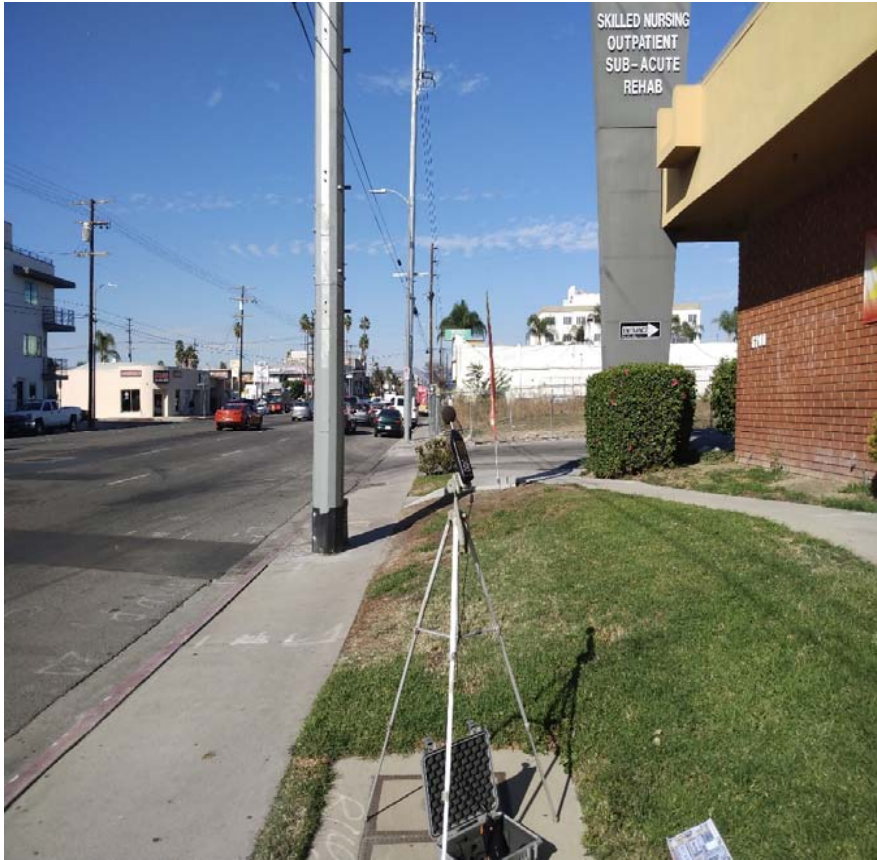
NM4 Meter: 34°11'31.24"N 118°27'50.80"W

Figure 1: Monitoring Locations

15-Minute Noise Measurement Datasheet - Cont.

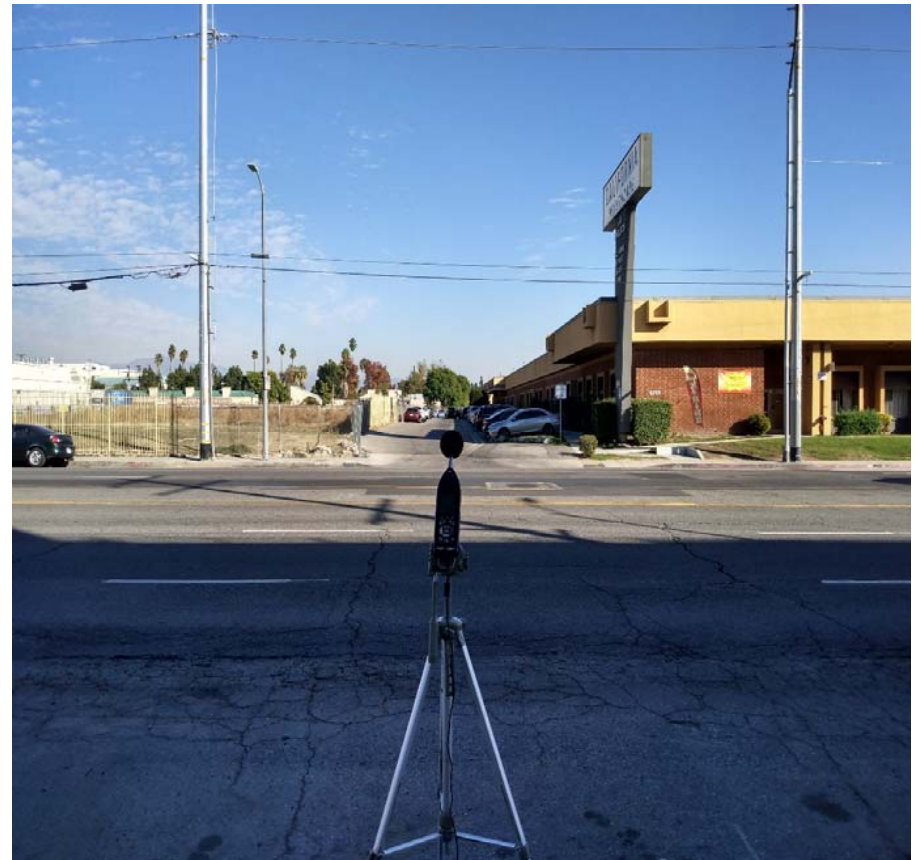
Project: 6728 Sepulveda Boulevard, Van Nuys.
Site Address/Location: 6728 Sepulveda Boulevard, Van Nuys, CA 91411
Site ID: NM-1 , 2, 3 & 4

Figure 2: NM1 Photo



NM1 looking N up Sepulveda Boulevard, building 6700 Sepulveda Blvd on the immediate right, space where demolished building 6728 Sepulveda once stood ahead of that (80'). Sepulveda Blvd & Van Owen St intersection 530' N of microphone. 586 vehicles passed microphone during measurement.

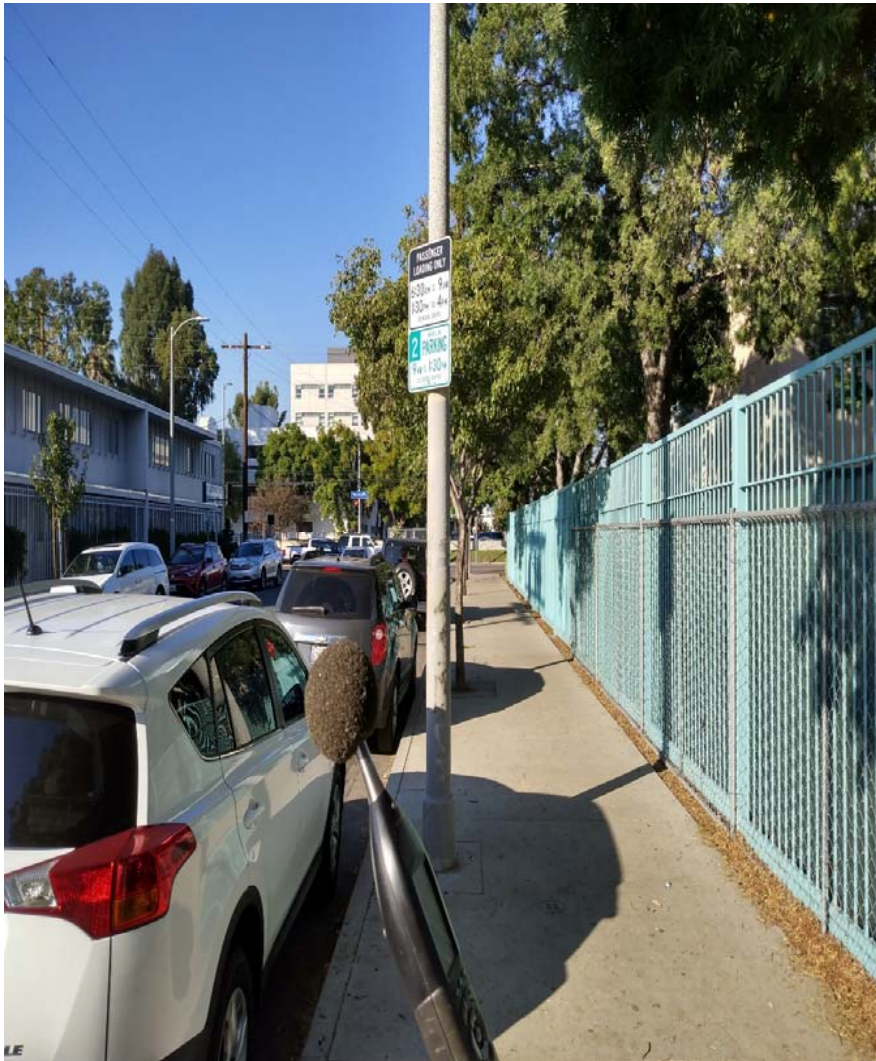
Figure 3: NM2 Photo



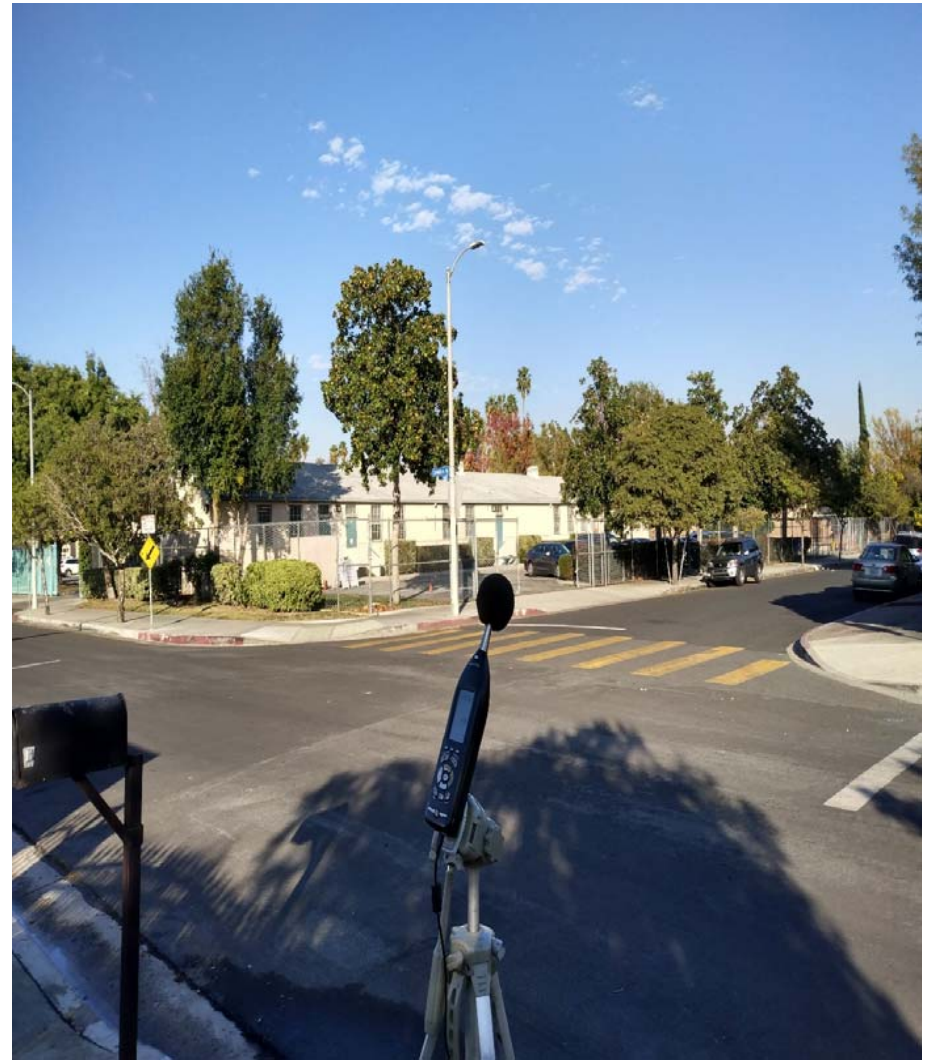
NM2 looking E across Sepulveda Blvd towards entry/ exit way to asphalt parking lot to building 6700 Sepulveda Blvd, Van Nuys. (on the right). Empty lot on the left where building 7728 Sepulveda Boulevard use to stand. 550 vehicles passed microphone during 15 minute measurement.

15-Minute Noise Measurement Datasheet - Cont.

Project: 6728 Sepulveda Boulevard, Van Nuys.
Site Address/Location: 6728 Sepulveda Boulevard, Van Nuys, CA 91411
Site ID: NM-1 , 2, 3 & 4

Figure 4: NM3 Photo

NM3 looking N along Columbus Avenue towards Van Owen Street intersection 150'. Columbus Avenue Elementary School, 6700 Columbus Avenue on the right. 27 Vehicles passed microphone during 15 minute measurement.

Figure 5: NM4 Photo

NM4 Looking looking NE across Columbus Avenue & Lemay Street intersection towards SW corner of Columbus Avenue Elementary School, 6700 Columbus Avenue. 29 vehicles passed thru intersection during measurement.

15-Minute Noise Measurement Datasheet - Cont.

Project: 6728 Sepulveda Boulevard, Van Nuys.
Site Address/Location: 6728 Sepulveda Boulevard, Van Nuys, CA 91411
Site ID: NM-1 , 2, 3 & 4

Table 1: Noise Measurement Summary

Location	Start	Stop	Leq/ dB	Lmax/ dB	Lmin/ dB	L2/ dB	L8/ dB	L25/ dB	L50/ dB	L90/ dB
NM 1	1:25 PM	1:40 PM	73.1	91.7	54.2	77.5	75.5	73.6	71.4	64.5
NM 2	2:03 PM	2:18 PM	73.5	85.2	56.8	79.5	77.6	74.7	71.9	64.8
NM 3	2:36 PM	2:51 PM	58.3	67.9	48.7	64.9	62.3	58.9	56.7	51.2
NM 4	3:03 PM	3:18 PM	56.1	71.0	42.7	65.0	60.8	55.1	50.1	45.6

Measurement Report

Report Summary

Meter's File Name	LxT_Data.156.s	Computer's File Name	LxT_0003099-20221118 132542-LxT_Data.156.ldbin
Meter	LxT1 0003099		
Firmware	2.404		
User	Ian Edward Gallagher	Location	NM1 34°11'32.72"N 118°27'57.66"W
Job Description	15 minute noise measurement (1 x 15 minutes)		
Note	KWAQN Project 6278 Sepulveda Boulevard		
Start Time	2022-11-18 13:25:42	Duration	0:15:00.0
End Time	2022-11-18 13:40:42	Run Time	0:15:00.0
		Pause Time	0:00:00.0

Results

Overall Metrics

LA _{eq}	73.1 dB		
LAE	102.7 dB	SEA	--- dB
EA	2.0 mPa²h	LAFTM5	77.5 dB
EA8	65.5 mPa²h		
EA40	327.3 mPa²h		
LA _{peak}	109.5 dB	2022-11-18 13:29:27	
LAS _{max}	91.7 dB	2022-11-18 13:29:27	
LAS _{min}	54.2 dB	2022-11-18 13:40:11	
LA _{eq}	73.1 dB		
LC _{eq}	80.5 dB	LC _{eq} - LA _{eq}	7.3 dB
LAI _{eq}	74.5 dB	LAI _{eq} - LA _{eq}	1.4 dB

Exceedances

	Count	Duration
LAS > 65.0 dB	17	0:13:46.6
LAS > 85.0 dB	1	0:00:05.1
LA _{peak} > 135.0 dB	0	0:00:00.0
LA _{peak} > 137.0 dB	0	0:00:00.0
LA _{peak} > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight	
--- dB	--- dB	0.0 dB	
LDEN	LDay	LEve	LNight
--- dB	--- dB	--- dB	--- dB

Any Data

	Level	A Time Stamp	C Time Stamp	Level	Z Time Stamp
L _{eq}	73.1 dB			80.5 dB	---
LS _(max)	91.7 dB	2022-11-18 13:29:27		---	---
LS _(min)	54.2 dB	2022-11-18 13:40:11		---	---
L _{Peak(max)}	109.5 dB	2022-11-18 13:29:27		---	---

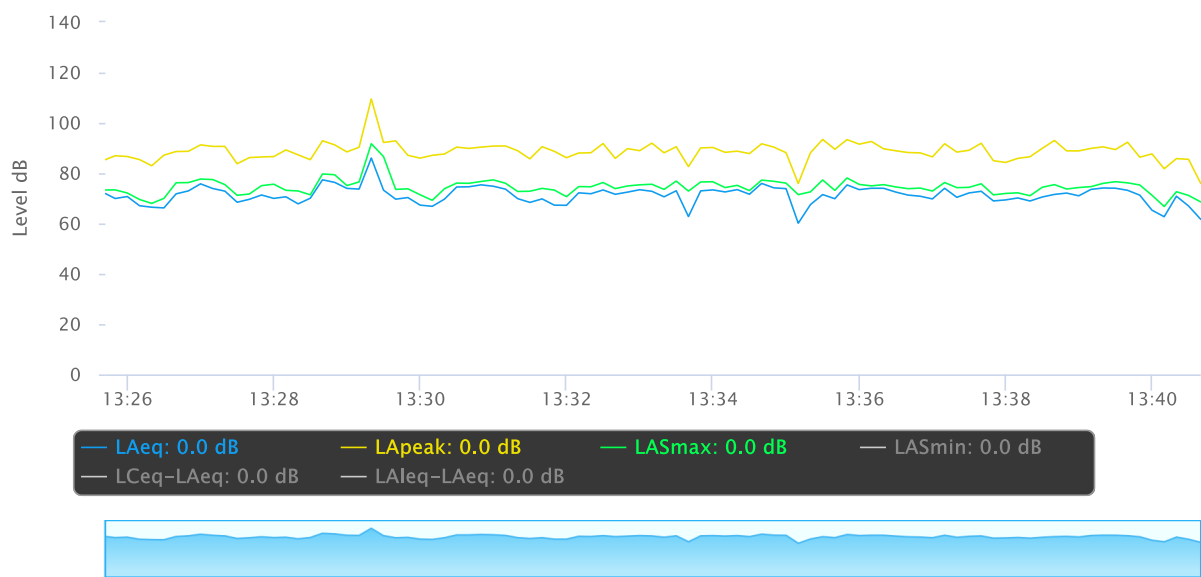
Overloads

Count	Duration	OBA Count	OBA Duration
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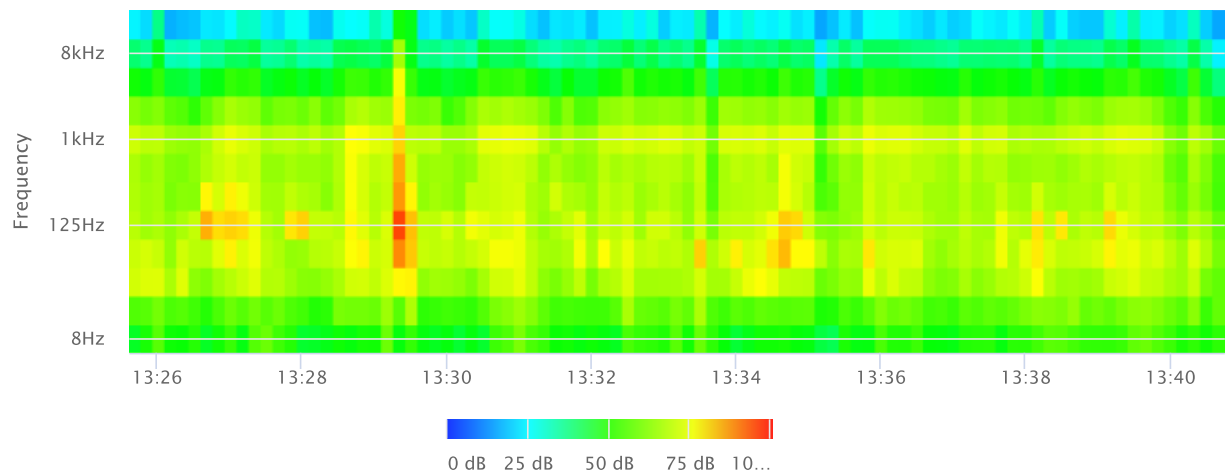
Statistics

LAS 2.0	77.5 dB
LAS 8.0	75.5 dB
LAS 25.0	73.6 dB
LAS 50.0	71.4 dB
LAS 66.6	69.5 dB
LAS 90.0	64.5 dB

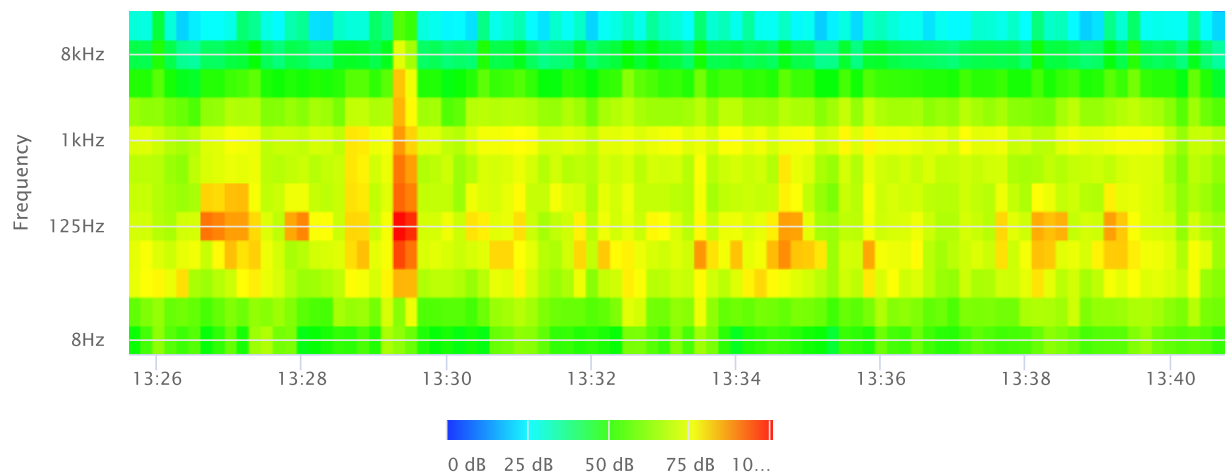
Time History



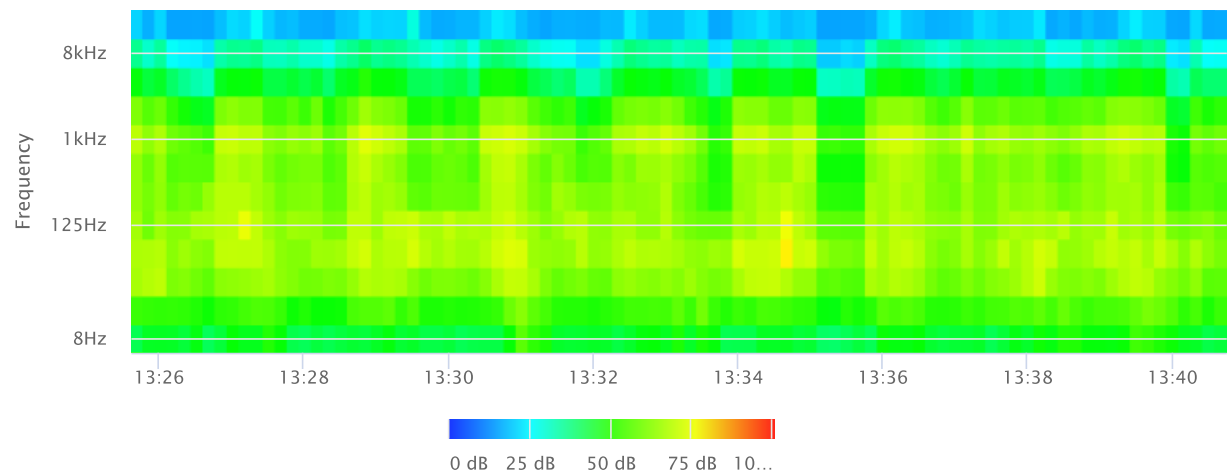
OBA 1/1 Leq



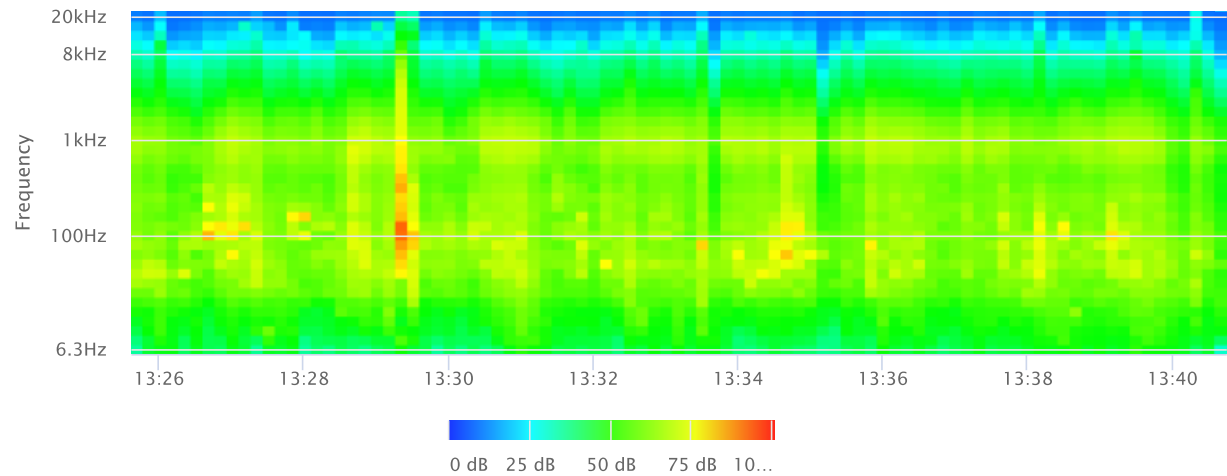
OBA 1/1 Lmax



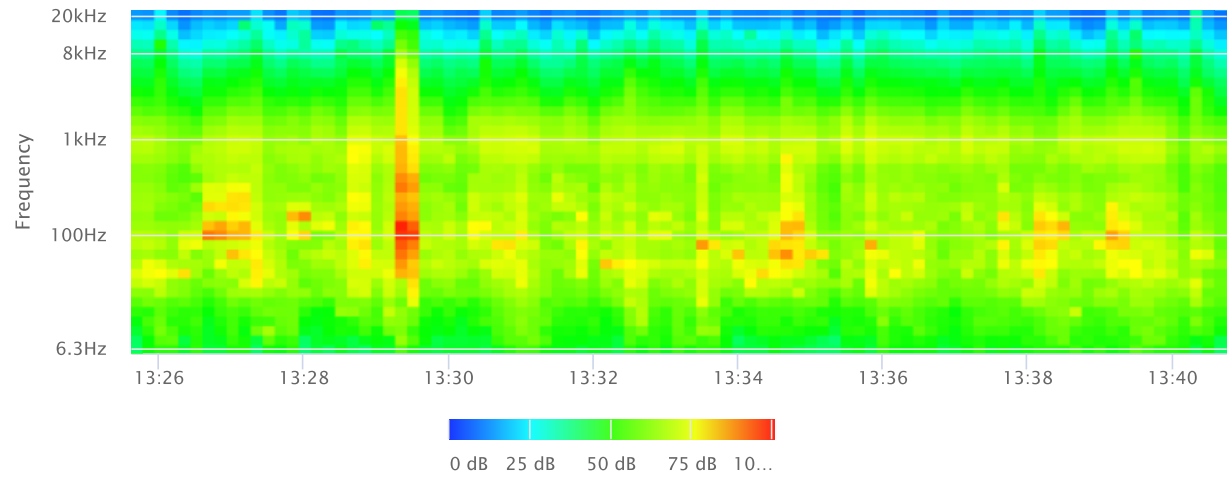
OBA 1/1 Lmin



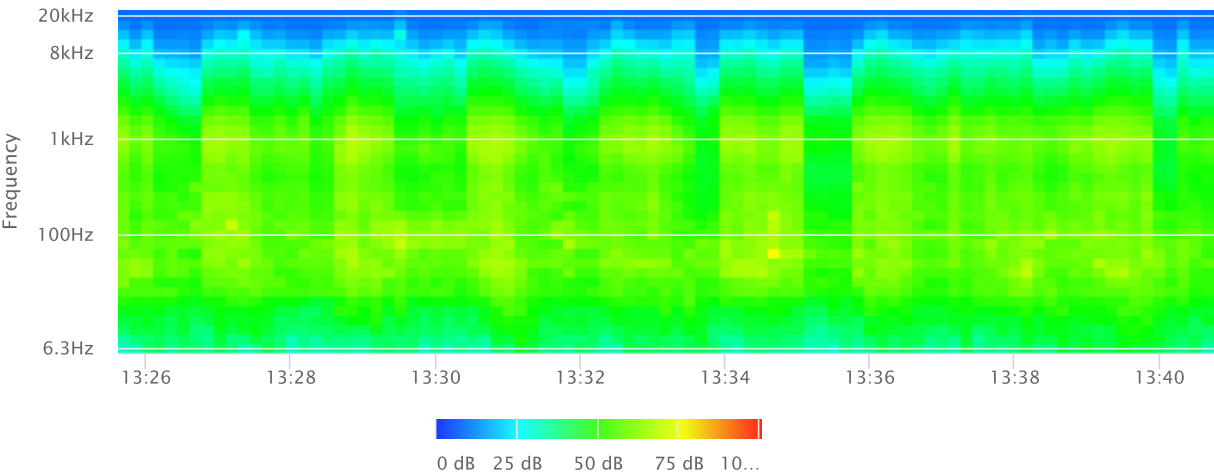
OBA 1/3 Leq



OBA 1/3 Lmax



OBA 1/3 Lmin



Measurement Report

Report Summary

Meter's File Name	LxT_Data.157.s	Computer's File Name	LxT_0003099-20221118 140325-LxT_Data.157.ldbin
Meter	LxT1 0003099		
Firmware	2.404		
User	Ian Edward Gallagher	Location	NM2 34°11'33.32"N 118°27'58.87"W
Job Description	15 minute noise measurement (1 x 15 minutes)		
Note	KWAQN Project 6278 Sepulveda Boulevard		
Start Time	2022-11-18 14:03:25	Duration	0:15:00.0
End Time	2022-11-18 14:18:25	Run Time	0:15:00.0
		Pause Time	0:00:00.0

Results

Overall Metrics

LA _{eq}	73.5 dB		
LAE	103.1 dB	SEA	--- dB
EA	2.3 mPa²h	LAFTM5	77.9 dB
EA8	72.3 mPa²h		
EA40	361.6 mPa²h		
LA _{peak}	100.2 dB	2022-11-18 14:06:51	
LAS _{max}	85.2 dB	2022-11-18 14:06:52	
LAS _{min}	56.8 dB	2022-11-18 14:15:46	
LA _{eq}	73.5 dB		
LC _{eq}	78.7 dB	LC _{eq} - LA _{eq}	5.1 dB
LAI _{eq}	75.3 dB	LAI _{eq} - LA _{eq}	1.7 dB

Exceedances

Count Duration

LAS > 65.0 dB	10	0:14:09.9
LAS > 85.0 dB	1	0:00:01.4
LA _{peak} > 135.0 dB	0	0:00:00.0
LA _{peak} > 137.0 dB	0	0:00:00.0
LA _{peak} > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight	
--- dB	--- dB	0.0 dB	
LDEN	LDay	LEve	LNight
--- dB	--- dB	--- dB	--- dB

Any Data

	Level	A Time Stamp	Level	C Time Stamp	Level	Z Time Stamp
L _{eq}	73.5 dB		78.7 dB		--- dB	
LS _(max)	85.2 dB	2022-11-18 14:06:52	--- dB		--- dB	
LS _(min)	56.8 dB	2022-11-18 14:15:46	--- dB		--- dB	
L _{Peak(max)}	100.2 dB	2022-11-18 14:06:51	--- dB		--- dB	

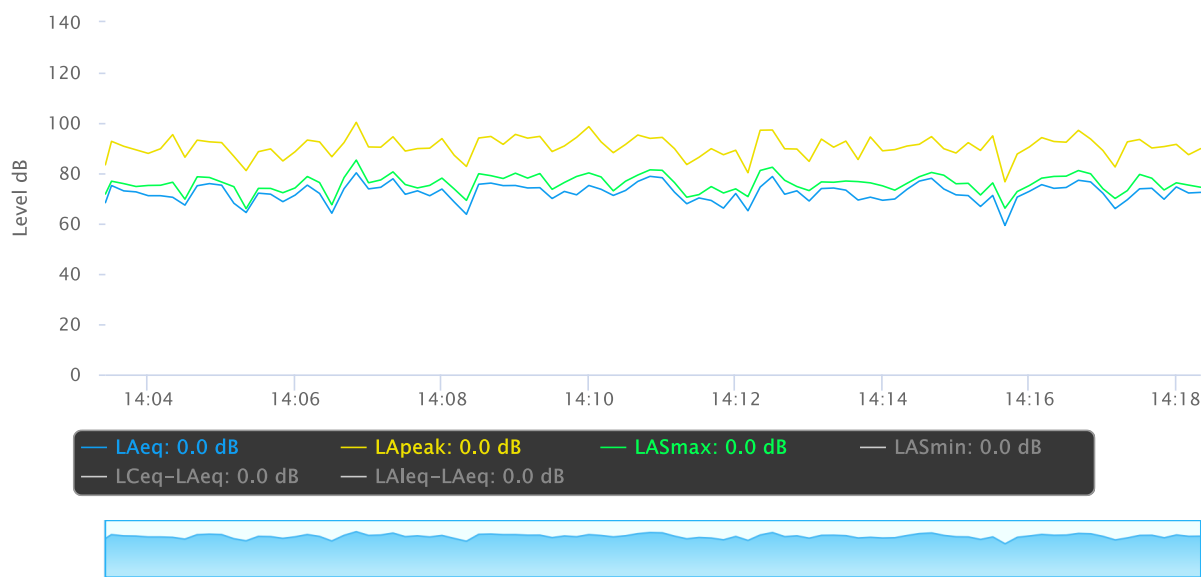
Overloads

Count	Duration	OBA Count	OBA Duration
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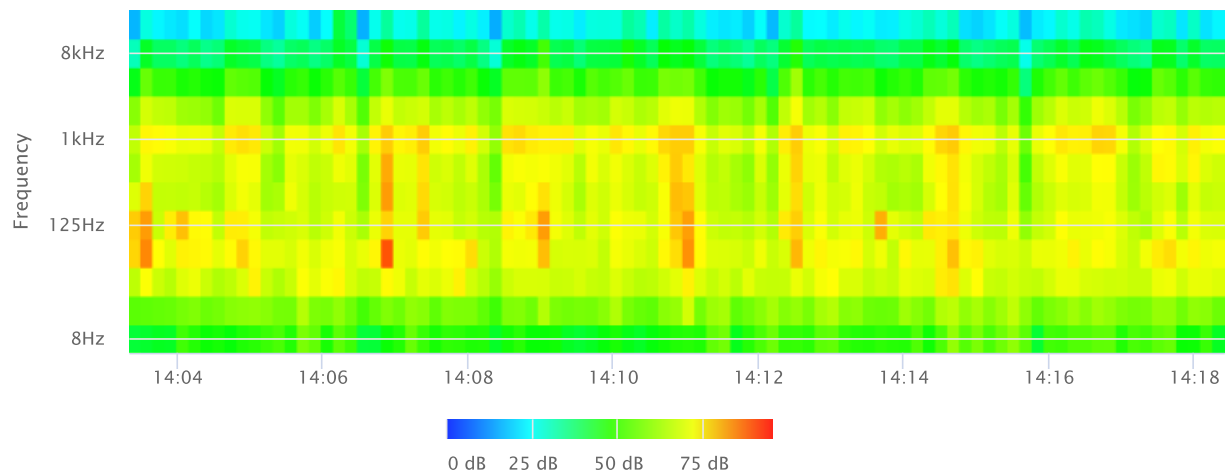
Statistics

LAS 2.0	79.5 dB
LAS 8.0	77.6 dB
LAS 25.0	74.7 dB
LAS 50.0	71.9 dB
LAS 66.6	69.8 dB
LAS 90.0	64.8 dB

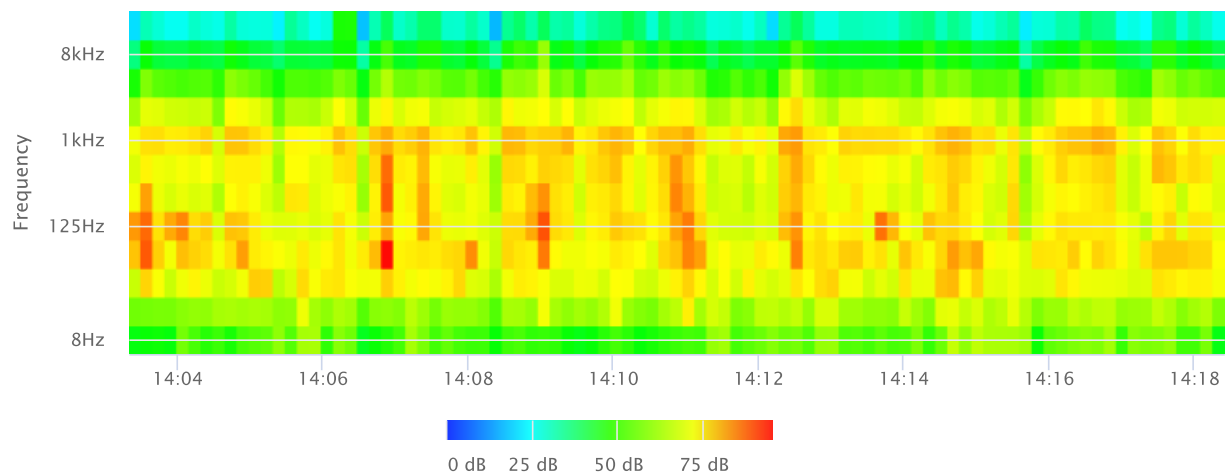
Time History



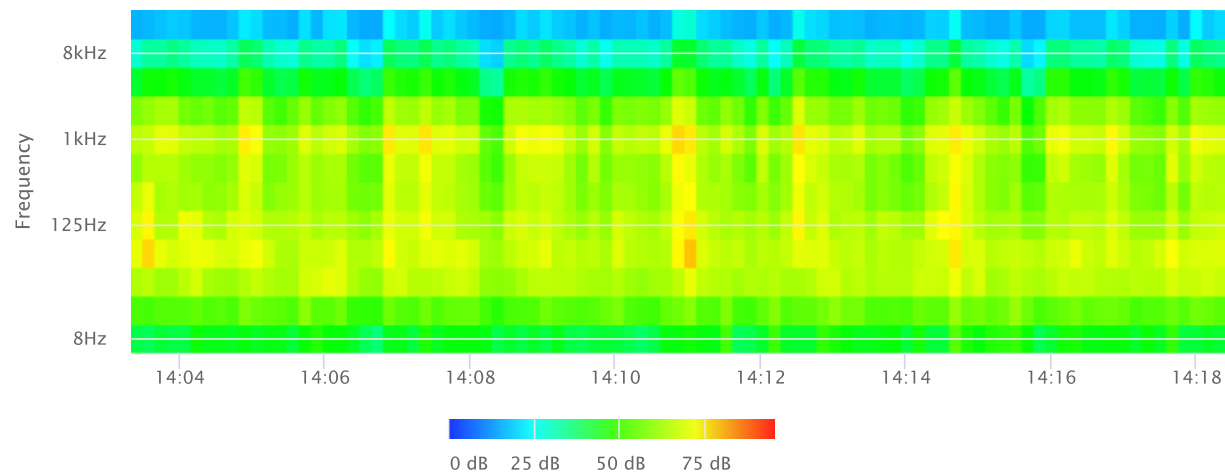
OBA 1/1 Leq



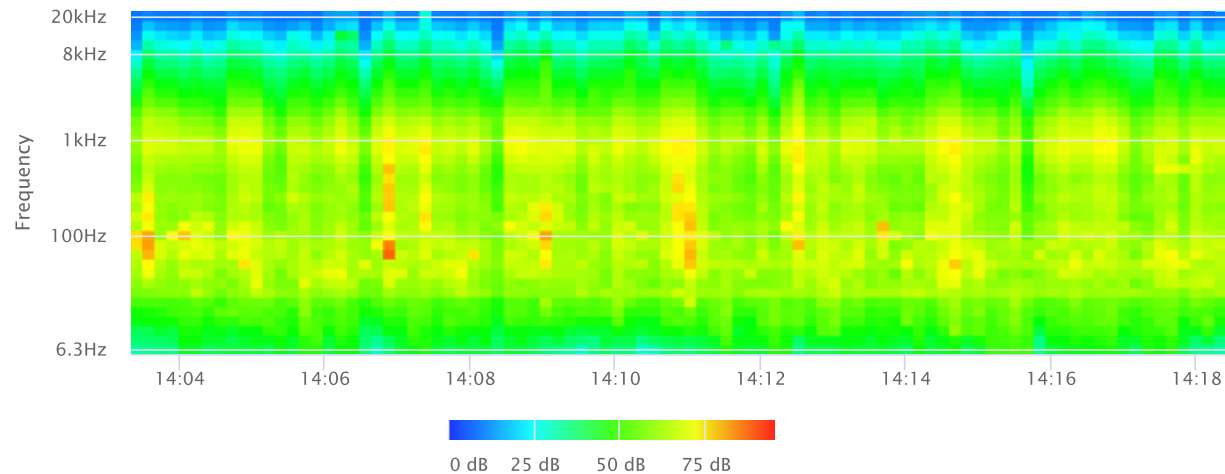
OBA 1/1 Lmax



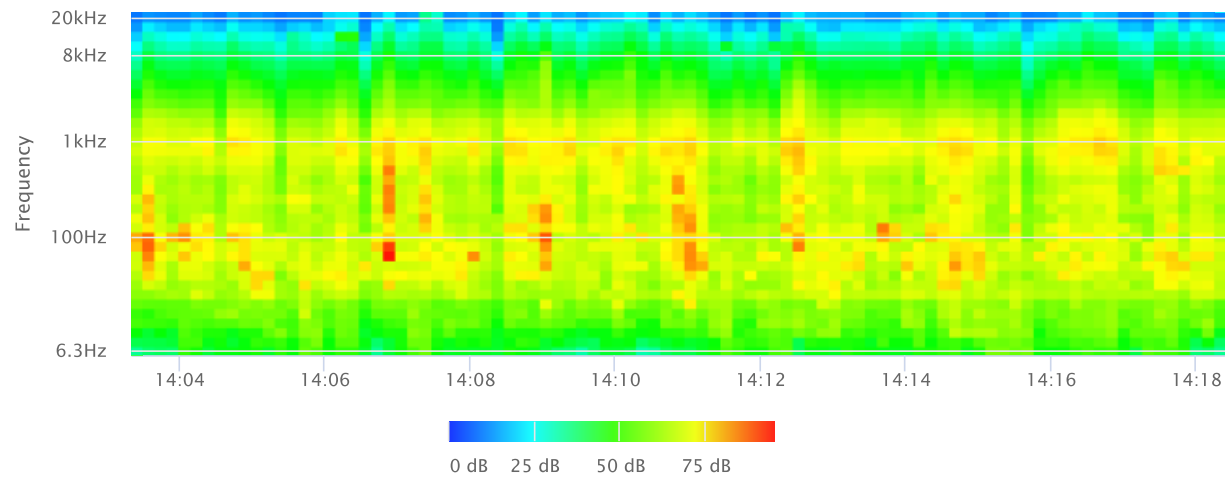
OBA 1/1 Lmin



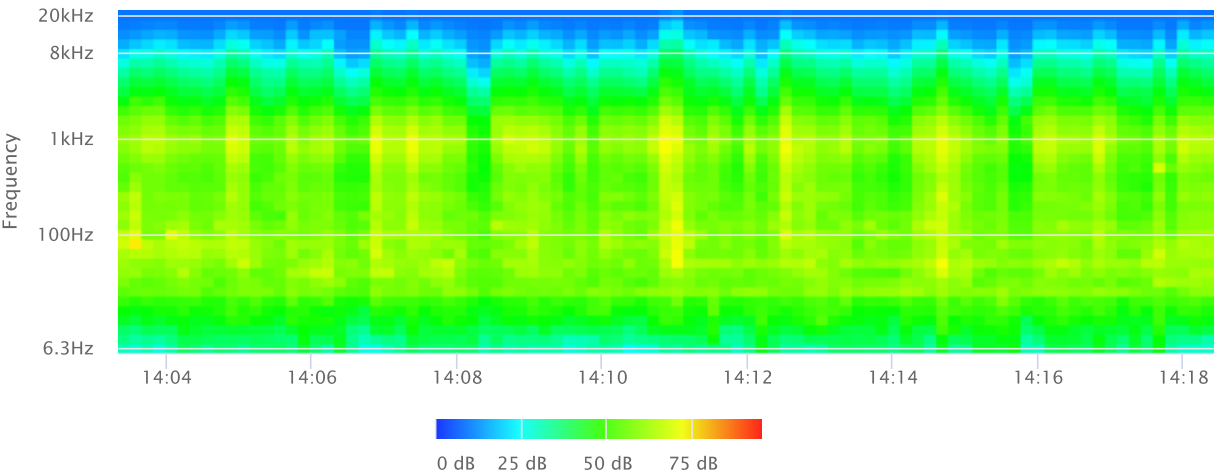
OBA 1/3 Leq



OBA 1/3 Lmax



OBA 1/3 Lmin



Measurement Report

Report Summary

Meter's File Name	LxT_Data.158.s	Computer's File Name	LxT_0003099-20221118 143638-LxT_Data.158.ldbin
Meter	LxT1 0003099		
Firmware	2.404		
User	Ian Edward Gallagher	Location	NM3 34°11'36.35"N
Job Description	15 minute noise measurement (1 x 15 minutes)		
Note	KWAQN Project 6278 Sepulveda Boulevard		
Start Time	2022-11-18 14:36:38	Duration	0:15:00.0
End Time	2022-11-18 14:51:38	Run Time	0:15:00.0
		Pause Time	0:00:00.0

Results

Overall Metrics

LA _{eq}	58.3 dB		
LAE	87.9 dB	SEA	--- dB
EA	68.1 µPa²h	LAFTM5	62.2 dB
EA8	2.2 mPa²h		
EA40	10.9 mPa²h		
LA _{peak}	86.5 dB	2022-11-18 14:42:01	
LAS _{max}	67.9 dB	2022-11-18 14:43:51	
LAS _{min}	48.7 dB	2022-11-18 14:46:20	
LA _{eq}	58.3 dB		
LC _{eq}	69.8 dB	LC _{eq} - LA _{eq}	11.5 dB
LAI _{eq}	59.9 dB	LAI _{eq} - LA _{eq}	1.6 dB

Exceedances

Count Duration

LAS > 65.0 dB	10	0:00:30.9
LAS > 85.0 dB	0	0:00:00.0
LA _{peak} > 135.0 dB	0	0:00:00.0
LA _{peak} > 137.0 dB	0	0:00:00.0
LA _{peak} > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight	
--- dB	--- dB	0.0 dB	
LDEN	LDay	LEve	LNight
--- dB	--- dB	--- dB	--- dB

Any Data

	Level	A Time Stamp	Level	C Time Stamp	Level	Z Time Stamp
L _{eq}	58.3 dB		69.8 dB		--- dB	
LS _(max)	67.9 dB	2022-11-18 14:43:51	--- dB		--- dB	
LS _(min)	48.7 dB	2022-11-18 14:46:20	--- dB		--- dB	
L _{Peak(max)}	86.5 dB	2022-11-18 14:42:01	--- dB		--- dB	

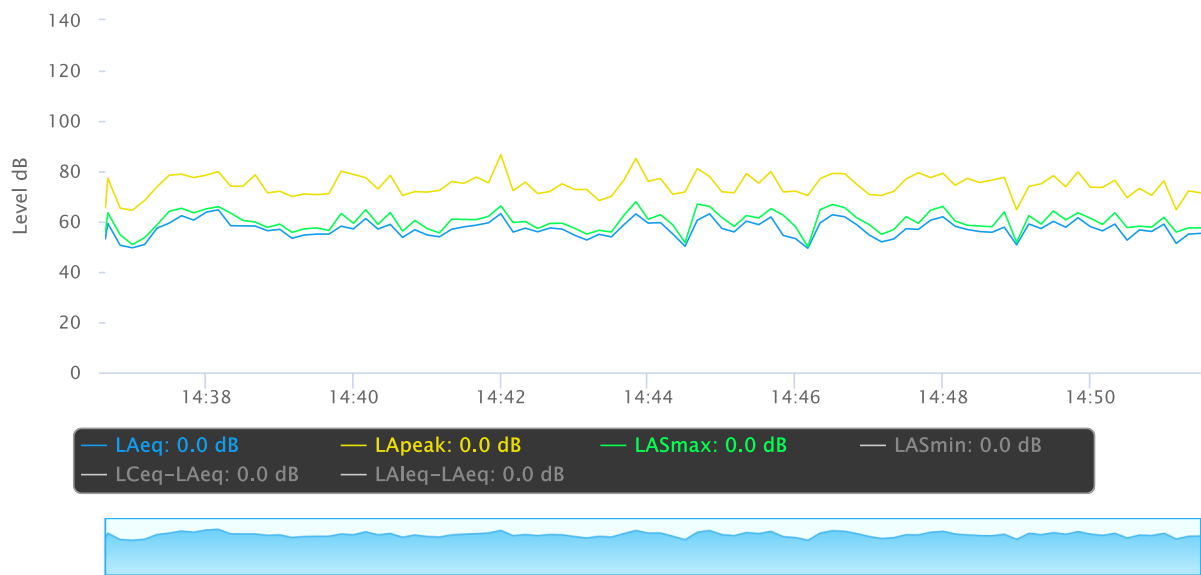
Overloads

Count	Duration	OBA Count	OBA Duration
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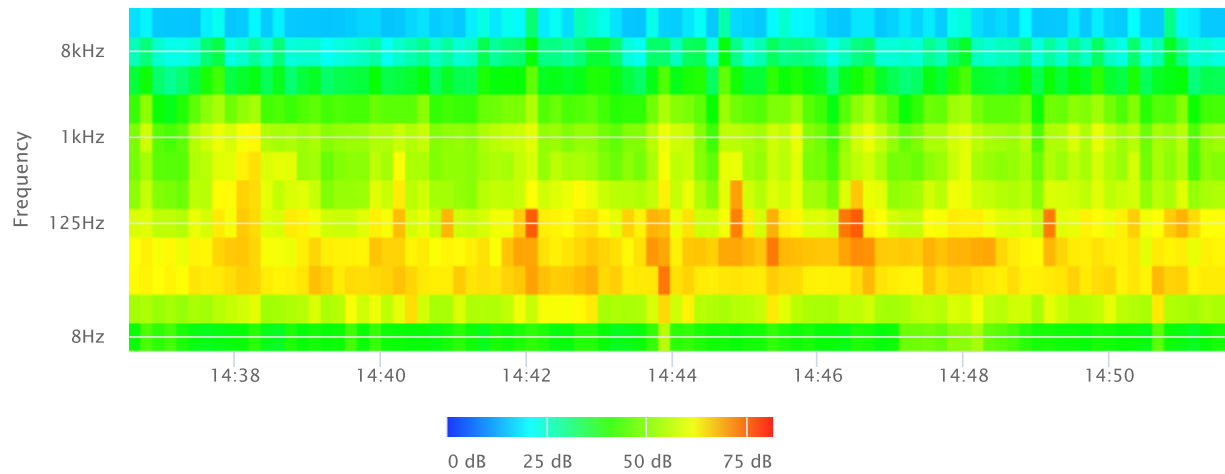
Statistics

LAS 2.0	64.9 dB
LAS 8.0	62.3 dB
LAS 25.0	58.9 dB
LAS 50.0	56.7 dB
LAS 66.6	55.3 dB
LAS 90.0	51.2 dB

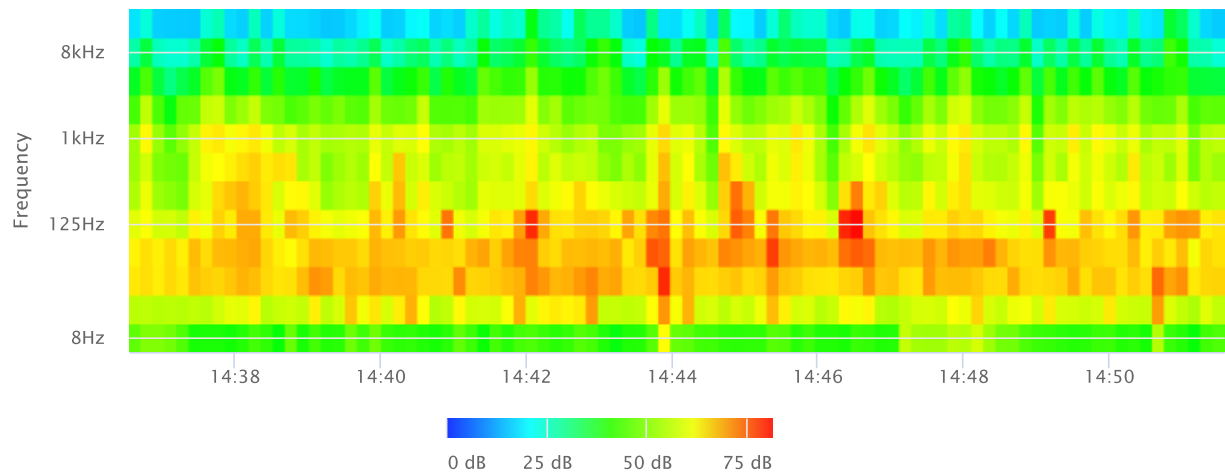
Time History



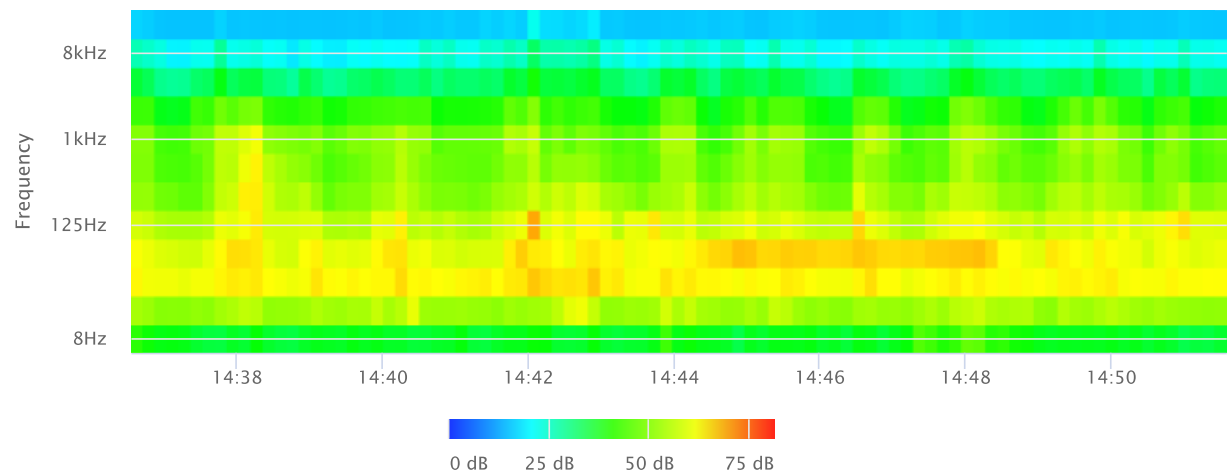
OBA 1/1 Leq



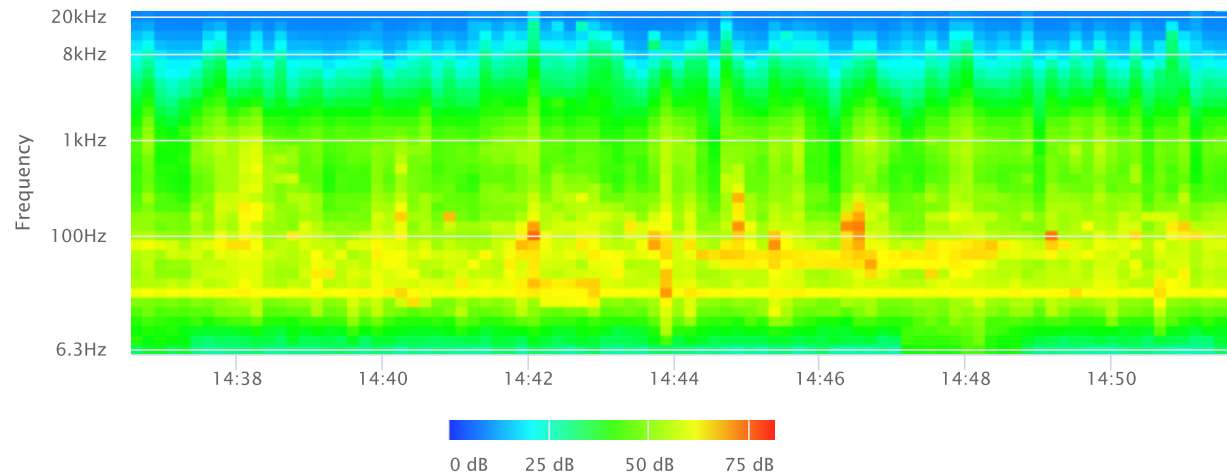
OBA 1/1 Lmax



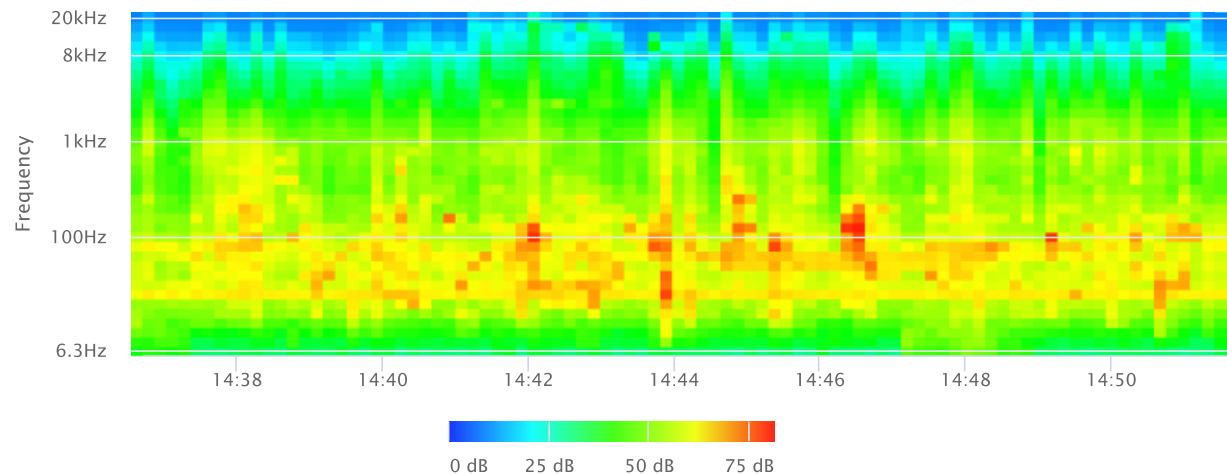
OBA 1/1 Lmin



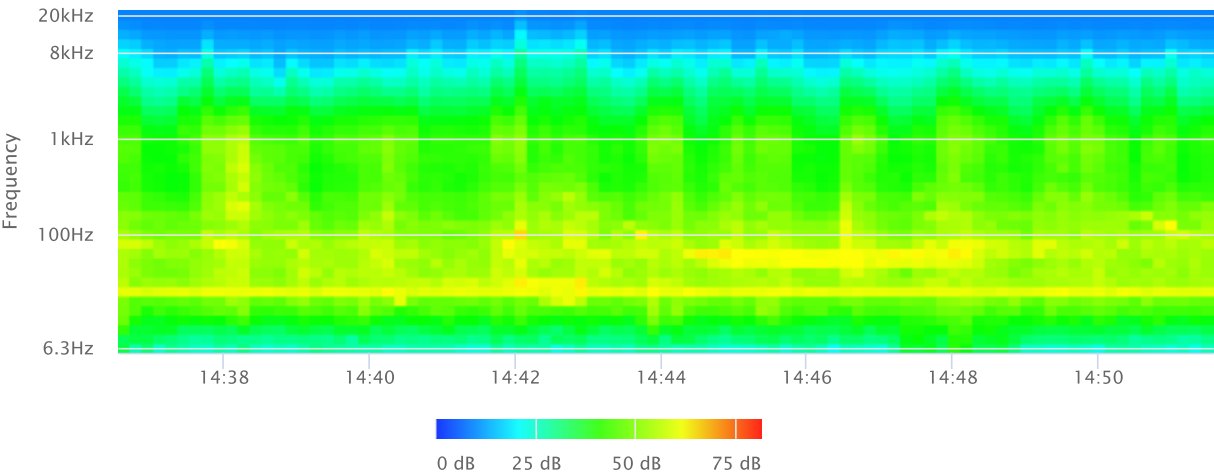
OBA 1/3 Leq



OBA 1/3 Lmax



OBA 1/3 Lmin



Measurement Report

Report Summary

Meter's File Name	LxT_Data.159.s	Computer's File Name	LxT_0003099-20221118 150354-LxT_Data.159.ldbin
Meter	LxT1 0003099		
Firmware	2.404		
User	Ian Edward Gallagher	Location	NM4 34°11'31.24"N 118°27'50.80"W
Job Description	15 minute noise measurement (1 x 15 minutes)		
Note	KWAQN Project 6278 Sepulveda Boulevard		
Start Time	2022-11-18 15:03:54	Duration	0:15:00.0
End Time	2022-11-18 15:18:54	Run Time	0:15:00.0
		Pause Time	0:00:00.0

Results

Overall Metrics

LA _{eq}	56.1 dB		
LAE	85.6 dB	SEA	--- dB
EA	40.5 µPa²h	LAFTM5	60.7 dB
EA8	1.3 mPa²h		
EA40	6.5 mPa²h		
LA _{peak}	88.6 dB	2022-11-18 15:16:29	
LAS _{max}	71.0 dB	2022-11-18 15:10:56	
LAS _{min}	42.7 dB	2022-11-18 15:17:08	
LA _{eq}	56.1 dB		
LC _{eq}	65.8 dB	LC _{eq} - LA _{eq}	9.7 dB
LAI _{eq}	58.0 dB	LAI _{eq} - LA _{eq}	2.0 dB

Exceedances

	Count	Duration
LAS > 65.0 dB	6	0:00:28.0
LAS > 85.0 dB	0	0:00:00.0
LA _{peak} > 135.0 dB	0	0:00:00.0
LA _{peak} > 137.0 dB	0	0:00:00.0
LA _{peak} > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight	
--- dB	--- dB	0.0 dB	
LDEN	LDay	LEve	LNight
--- dB	--- dB	--- dB	--- dB

Any Data

	Level	A Time Stamp	Level	C Time Stamp	Level	Z Time Stamp
L _{eq}	56.1 dB		65.8 dB		--- dB	
LS _(max)	71.0 dB	2022-11-18 15:10:56	--- dB		--- dB	
LS _(min)	42.7 dB	2022-11-18 15:17:08	--- dB		--- dB	
L _{Peak(max)}	88.6 dB	2022-11-18 15:16:29	--- dB		--- dB	

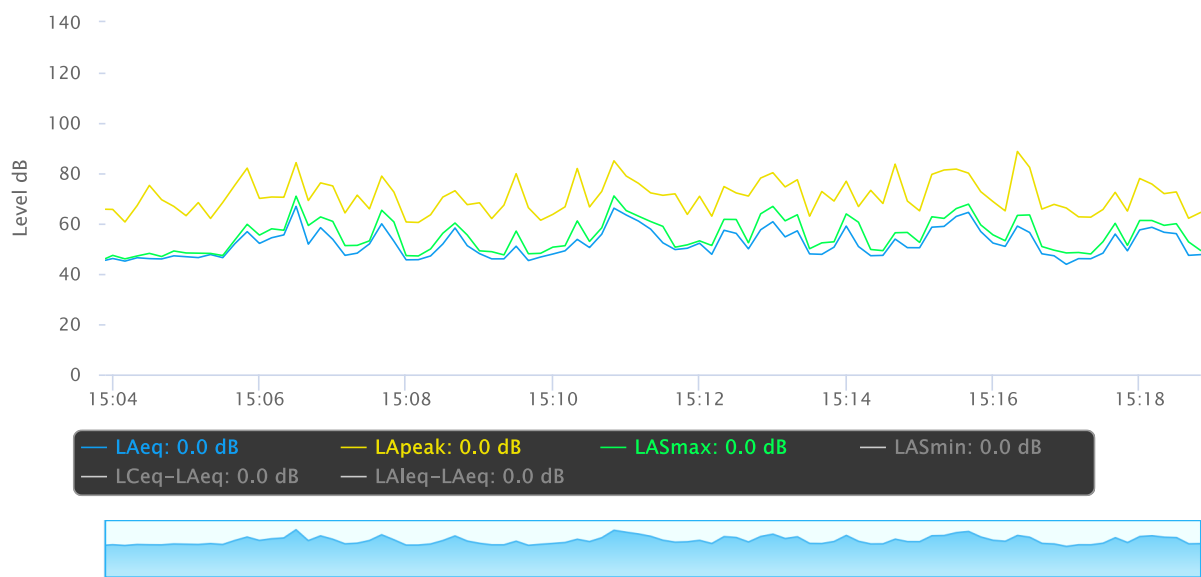
Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	0	0:00:00.0

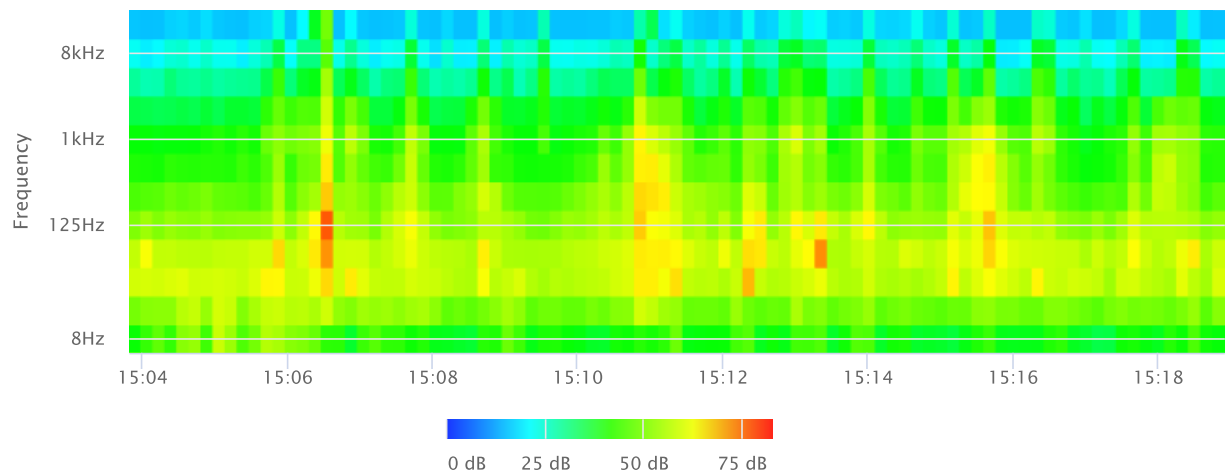
Statistics

LAS 2.0	65.0 dB
LAS 8.0	60.8 dB
LAS 25.0	55.1 dB
LAS 50.0	50.1 dB
LAS 66.6	47.8 dB
LAS 90.0	45.6 dB

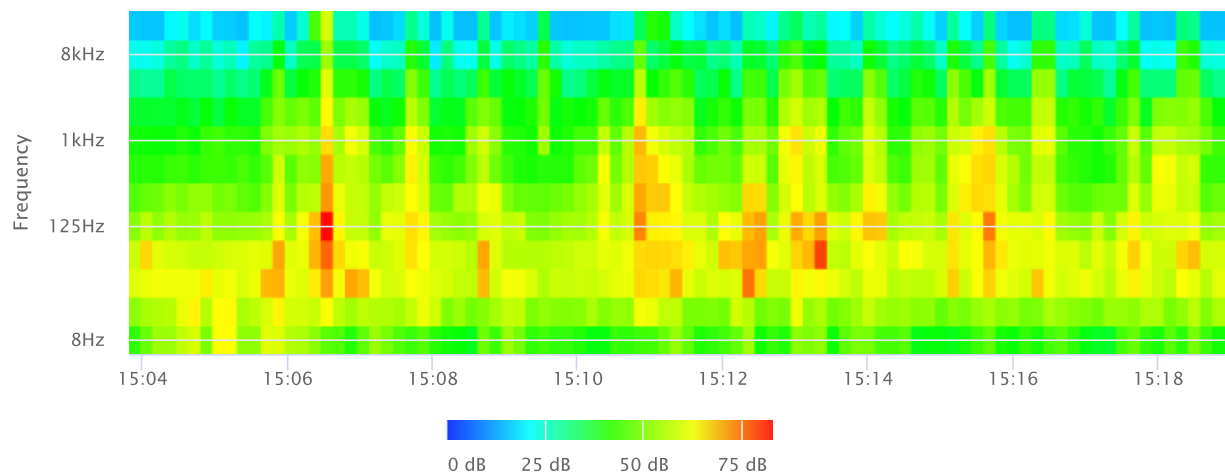
Time History



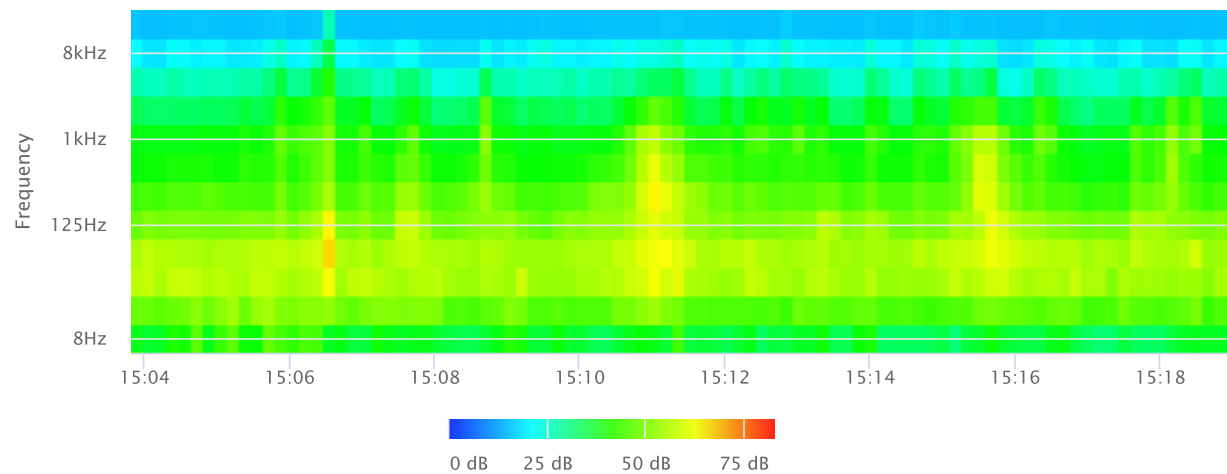
OBA 1/1 Leq



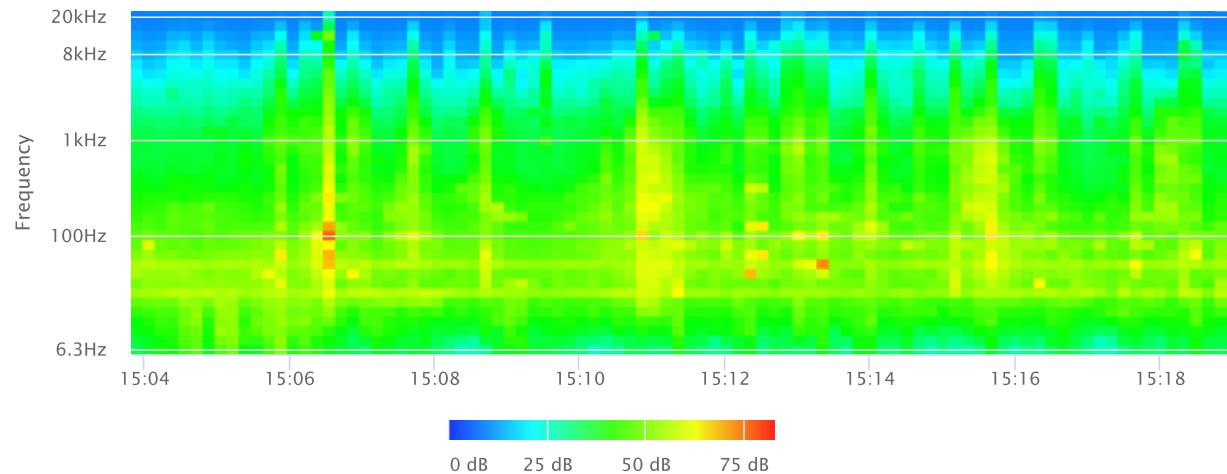
OBA 1/1 Lmax



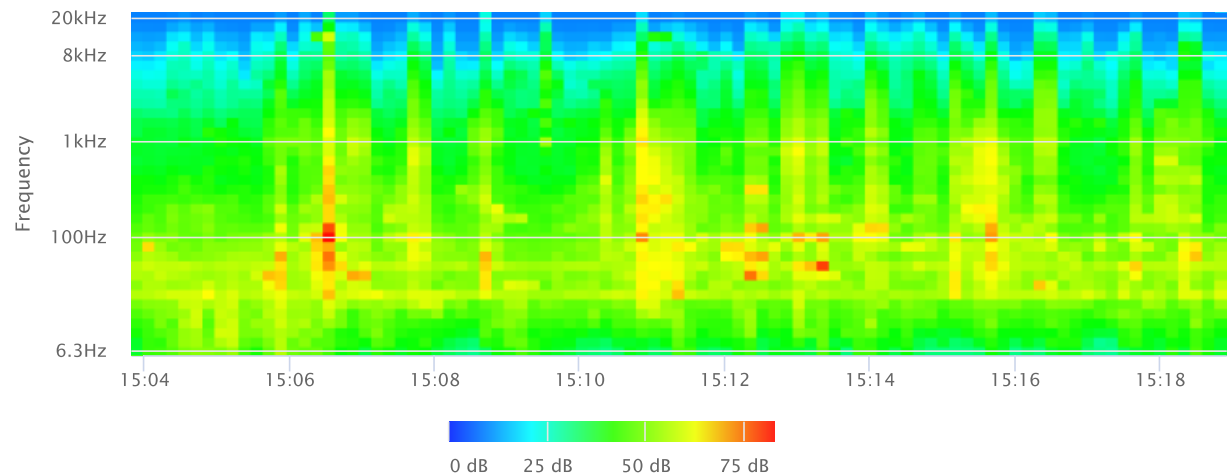
OBA 1/1 Lmin



OBA 1/3 Leq



OBA 1/3 Lmax



OBA 1/3 Lmin

