

Appendix G

Noise Modeling Data

FIELD NOISE MEASUREMENT DATA

PROJECT CDWR SRR ENERGY SITES PROJECT # 12206.028
 SITE ID STI
 SITE ADDRESS MODESTO OBSERVER(S) JVL
 START DATE 11/11/22 END DATE 11/11/22
 START TIME 3:54 END TIME 4:00

METEOROLOGICAL CONDITIONS
 TEMP 68 F HUMIDITY 40 % R.H. WIND CALM LIGHT MODERATE
 WINDSPD 1 MPH DIR. N NE S SE SW W NW VARIABLE STEADY GUSTY
 SKY SUNNY CLEAR OVCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS
 MEAS. INSTRUMENT PICCOLO II TYPE 1 (2) SERIAL # 0060
 CALIBRATOR KEED R8090 SERIAL # 6321
 CALIBRATION CHECK PRE-MEASUREMENT 94.0 dBA SPL POST-MEASUREMENT 94.0 dBA SPL WINDSCRN X

SETTINGS A-WTD SLOW FAST FRONTAL RANDOM ANSI OTHER: _____

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC)
<u>52</u>	<u>3:54</u>								
<u>↓</u>									
<u>58</u>		<u>4:00</u>							

COMMENTS _____

SOURCE INFO AND TRAFFIC COUNTS
 PRIMARY NOISE SOURCE TRAFFIC AIRCRAFT RAIL INDUSTRIAL OTHER: _____
 ROADWAY TYPE: _____ DIST. TO RDWY C/L OR EOP: 8'

COUNT 1 (OR RDWY 1)	TRAFFIC COUNT DURATION: _____ MIN		SPEED <u>55'</u>		IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE <u>X</u>	COUNT 2 (OR RDWY 2)	
	NB/EB	SB/WB	NB/EB	SB/WB		NB/EB	SB/WB
AUTOS	<u>222</u>						
MED TRKS	<u>0</u>						
HVY TRKS	<u>0</u>						
BUSES	<u>0</u>						
MOTRCLS	<u>0</u>						

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
 POSTED SPEED LIMIT SIGNS SAY: _____

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIAL
 DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
 OTHER: _____

DESCRIPTION / SKETCH
 TERRAIN HARD SOFT MIXED FLAT OTHER: _____
 PHOTOS _____
 OTHER COMMENTS / SKETCH _____

FIELD NOISE MEASUREMENT DATA

PROJECT CDWR SRP ENERGY SITES PROJECT # 12206.028
 SITE ID 3T2
 SITE ADDRESS MODESTO OBSERVER(S) JVL
 START DATE 11/11/22 END DATE 11/11/22
 START TIME 4:04 END TIME 4:10

METEOROLOGICAL CONDITIONS
 TEMP 68 F HUMIDITY 40 % R.H. WIND CALM LIGHT MODERATE
 WINDSPD 1 MPH DIR. N NE S SE S SW W NW VARIABLE STEADY GUSTY
 SKY SUNNY CLEAR OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS
 MEAS. INSTRUMENT PICCOLO II TYPE 1 (2) SERIAL # 0060
 CALIBRATOR KEED R8090 SERIAL # 6321
 CALIBRATION CHECK PRE-MEASUREMENT 94.0 dBA SPL POST-MEASUREMENT 94.0 dBA SPL WINDSCRN X

SETTINGS A-WTD SLOW FAST FRONTAL RANDOM ANSI OTHER: _____

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC)
59	<u>4:04</u>								
<u>66</u>	<u>4:10</u>								

COMMENTS _____

SOURCE INFO AND TRAFFIC COUNTS
 PRIMARY NOISE SOURCE TRAFFIC AIRCRAFT RAIL INDUSTRIAL OTHER: _____
 ROADWAY TYPE: _____ DIST. TO RDWY C/L OR EOP: 20'

COUNT 1 (OR RDWY 1)	DIRECTION		MIN	SPEED	IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE	COUNT 2 (OR RDWY 2)	DIRECTION		MIN	SPEED
	NB/EB	SB/WB					NB/EB	SB/WB		
	AUTOS	<u>218</u>		<u>55</u>	<u>X</u>					
	MED TRKS	<u>4</u>								
	HVY TRKS	<u>1</u>								
	BUSES	<u>1</u>								
	MOTRCLS	<u>0</u>								

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
 POSTED SPEED LIMIT SIGNS SAY: _____

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIAL
 DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
 OTHER: _____

DESCRIPTION / SKETCH
 TERRAIN HARD SOFT MIXED FLAT OTHER: DITCH AT ROADSIDE
 PHOTOS _____
 OTHER COMMENTS / SKETCH _____

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase at occupied building, per CalOSHA guidance = **85**
 allowable hours over which Leq is to be averaged (example: 8 per FTA guidance) = **1**

Construction Activity	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Barrier / Topo Insertion Loss (dB)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 1-hour Leq
Site Preparation	Grader	1	40	85		120		77.4	1	60	73
	Scraper	0	40	84		120		76.4	1	60	0
	Tractor	0	40	84	Tractors/Loaders/Backhoes	120		76.4	1	60	0
	Front End Loader	0	40	79	Tractors/Loaders/Backhoes	120		71.4	1	60	0
	Backhoe	0	40	78	Tractors/Loaders/Backhoes	120		70.4	1	60	0
Total for Site Preparation Phase:											73.4
Grading	Grader	1	40	85		120		77.4	1	60	73
	Dozer	0	40	82	Rubber Tired Dozers	120		74.4	1	60	0
	Tractor	0	40	84	Tractors/Loaders/Backhoes	120		76.4	1	60	0
	Front End Loader	0	40	79	Tractors/Loaders/Backhoes	120		71.4	1	60	0
	Backhoe	0	40	78	Tractors/Loaders/Backhoes	120		70.4	1	60	0
Total for Grading Phase:											73.4
Trenching	All Other Equipment > 5 HP	1	50	85		570		63.9	1	60	61
	Flat Bed Truck	0	40	74		570		52.9	1	60	0
Total for Trenching Phase:											60.9
Civil Construction/Generator Installation	Crane	0	16	81		570		59.9	1	60	0
	Man Lift	0	20	75	Forklifts	570		53.9	1	60	0
	Generator	0	50	72	Generator Sets	570		50.9	1	60	0
	Tractor	1	40	84	Tractors/Loaders/Backhoes	570		62.9	1	60	59
	Front End Loader	0	40	79	Tractors/Loaders/Backhoes	570		57.9	1	60	0
	Backhoe	0	40	78	Tractors/Loaders/Backhoes	570		56.9	1	60	0
	Welder / Torch	0	40	73		570		51.9	1	60	0
Total for Civil Construction/Generator Installation Phase:											58.9
Energization	All Other Equipment > 5 HP	1	50	85		570		63.9	1	60	61
	Flat Bed Truck	0	40	74		570		52.9	1	60	0
Total for Energization Phase:											60.9

To User: bordered cells are inputs, unbordered cells have formulae

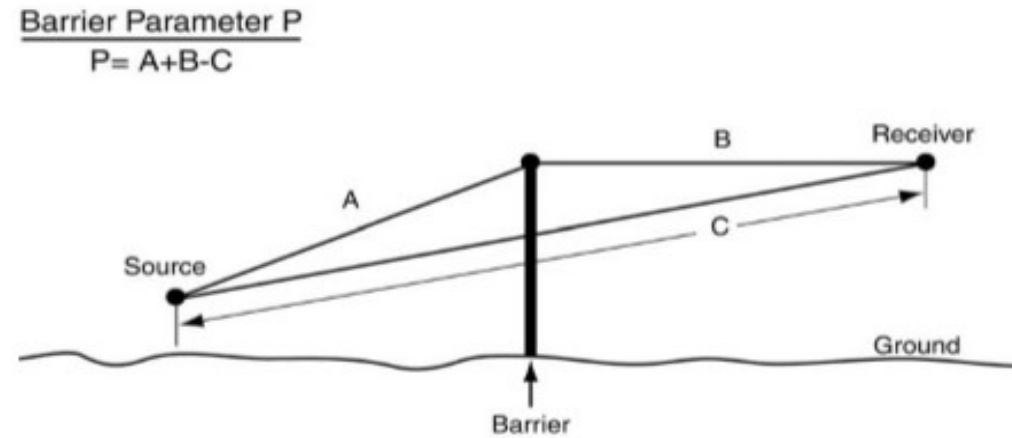
noise level limit for construction phase at occupied building, per CalOSHA guidance = **85**
 allowable hours over which Leq is to be averaged (example: 8 per FTA guidance) = **1**

Construction Activity	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Barrier / Topo Insertion Loss (dB)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 1-hour Leq
Site Preparation	Grader	1	40	85		500		65.0	1	60	61
	Scraper	1	40	84		500		64.0	1	60	60
	Tractor	1	40	84	Tractors/Loaders/Backhoes	500		64.0	1	60	60
	Front End Loader	0	40	79	Tractors/Loaders/Backhoes	500		59.0	1	60	0
	Backhoe	0	40	78	Tractors/Loaders/Backhoes	500		58.0	1	60	0
Total for Site Preparation Phase:											65.2
Grading	Grader	1	40	85		500		65.0	1	60	61
	Dozer	1	40	82	Rubber Tired Dozers	500		62.0	1	60	58
	Tractor	1	40	84	Tractors/Loaders/Backhoes	500		64.0	1	60	60
	Front End Loader	1	40	79	Tractors/Loaders/Backhoes	500		59.0	1	60	55
	Backhoe	0	40	78	Tractors/Loaders/Backhoes	500		58.0	1	60	0
Total for Grading Phase:											65.1
Trenching	All Other Equipment > 5 HP	1	50	85		690		62.2	1	60	59
	Flat Bed Truck	0	40	74		690		51.2	1	60	0
Total for Trenching Phase:											59.2
Civil Construction/Generator Installation	Crane	1	16	81		685		58.3	1	60	50
	Man Lift	2	20	75	Forklifts	685		52.3	1	60	48
	Generator	1	50	72	Generator Sets	685		49.3	1	60	46
	Tractor	1	40	84	Tractors/Loaders/Backhoes	685		61.3	1	60	57
	Front End Loader	0	40	79	Tractors/Loaders/Backhoes	685		56.3	1	60	0
	Backhoe	0	40	78	Tractors/Loaders/Backhoes	685		55.3	1	60	0
	Welder / Torch	3	40	73		685		50.3	1	60	51
Total for Civil Construction/Generator Installation Phase:											59.4
Energization	All Other Equipment > 5 HP	1	50	85		685		62.3	1	60	59
	Flat Bed Truck	0	40	74		685		51.3	1	60	0
Total for Energization Phase:											59.3

Equipment Description	Impact Device?	Acoustical Use Factor (%)	Lesser of or available Lmax	Spec. 721 Lmax	Measured L _{max} @50ft (dBA, slow)
All Other Equipment > 5 HP	No	50	85	85	-- N/A --
Auger Drill Rig	No	20	84	85	84
Backhoe	No	40	78	80	78
Bar Bender	No	20	80	80	-- N/A --
Blasting	Yes	-- N/A --	94	94	-- N/A --
Boring Jack Power Unit	No	50	80	80	83
Chain Saw	No	20	84	85	84
Clam Shovel (dropping)	Yes	20	87	93	87
Compactor (ground)	No	20	80	80	83
Compressor (air)	No	40	78	80	78
Concrete Batch Plant	No	15	83	83	-- N/A --
Concrete Mixer Truck	No	40	79	85	79
Concrete Pump Truck	No	20	81	82	81
Concrete Saw	No	20	90	90	90
Crane	No	16	81	85	81
Dozer	No	40	82	85	82
Drill Rig Truck	No	20	79	84	79
Drum Mixer	No	50	80	80	80
Dump Truck	No	40	76	84	76
Excavator	No	40	81	85	81
Flat Bed Truck	No	40	74	84	74
Front End Loader	No	40	79	80	79
Generator	No	50	72	72	81
Generator (<25KVA, VMS signs)	No	50	70	70	73
Gradall	No	40	83	85	83
Grader	No	40	85	85	-- N/A --
Grapple (on backhoe)	No	40	85	85	87
Horizontal Boring Hydr. Jack	No	25	80	80	82
Hydra Break Ram	Yes	10	90	90	-- N/A --
Impact Pile Driver	Yes	20	95	95	101
Jackhammer	Yes	20	85	85	89
Man Lift	No	20	75	85	75
Mounted Impact Hammer (hoe ram)	Yes	20	90	90	90
Pavement Scarafier	No	20	85	85	90
Paver	No	50	77	85	77
Pickup Truck	No	40	55	55	75
Pneumatic Tools	No	50	85	85	85
Pumps	No	50	77	77	81
Refrigerator Unit	No	100	73	82	73
Rivit Buster/chipping gun	Yes	20	79	85	79
Rock Drill	No	20	81	85	81
Roller	No	20	80	85	80
Sand Blasting (Single Nozzle)	No	20	85	85	96
Scraper	No	40	84	85	84
Shears (on backhoe)	No	40	85	85	96
Slurry Plant	No	100	78	78	78
Slurry Trenching Machine	No	50	80	82	80
Soil Mix Drill Rig	No	50	80	80	-- N/A --
Tractor	No	40	84	84	-- N/A --
Vacuum Excavator (Vac-truck)	No	40	85	85	85
Vacuum Street Sweeper	No	10	80	80	82
Ventilation Fan	No	100	79	85	79
Vibrating Hopper	No	50	85	85	87
Vibratory Concrete Mixer	No	20	80	80	80
Vibratory Pile Driver	No	20	95	95	101
Warning Horn	No	5	83	85	83
Welder / Torch	No	40	73	73	74

Source _{elev}	5.0	A _{horiz}	24.0	A	25.0
Receiver _{elev}	10.0	B _{horiz}	38.0	B	38.1
C	62.2	C _{horiz}	62.0		
P	0.85				
Barrier _{elev}	12				
Abarr	12.3				

The above calculations, referring to inputs from the figure at right, helps a user estimate what barrier attenuation (Abarr) to expect (i.e., up to 15 per formula to right) based upon source height (above grade), barrier height, and receiver height, and the horizontal distances between the source and receiver to the barrier. The FTA-based formula in the grid_barr_IL_X worksheets use these path length (P) and Abarr values to determine the barrier's insertion loss for each barrier element with respect to the ID'd source-to-receptor path it occludes.



For all other barriers, and for protrusion of terrain above the line of sight:	$A_{barrier} = \min \left\{ 15 \text{ or } 20 \times \log \left(\frac{2.51\sqrt{P}}{\tanh[4.46\sqrt{P}]} + 5 \right) \right\}$
Barrier Insertion Loss	$IL_{barrier} = \max \left\{ 0 \text{ or } \left[A_{barrier} - 10(G_{NB} - G_B) \log \left(\frac{D}{50} \right) \right] \right\}$
<p>D = <u>closest</u> distance between the receiver and the source, in feet P = path length difference, in feet (see figure below) G_{NB} = Ground factor G computed <i>without barrier</i> (see Figure 6-5) G_B = Ground factor G computed <i>with barrier</i> (see Figure 6-5)</p> <p>† The term "tanh(variable)" stands for hyperbolic tangent, available on many scientific calculators. If "tanh" is not available, then compute $E = \exp(\text{variable})$, and set $\tanh(\text{variable}) = (E - 1/E) / (E + 1/E)$, where $\exp(\text{variable})$ is the "exponential" function, also written as e^x on calculator keypads.</p>	

Sources: Transit Noise & Vibration Impact Assessment (FTA 2006)

05/09/21, MCS: This model now considers effect of up to two barriers ("nearest" and "farthest" w.r.t. the receiver) so that "B" is still distance between Receiver and the nearest barrier, while "A" may be distance from Source to top edge of the farthest barrier. In such a situation, the path length difference calculation will include the horizontal distance between the two barriers. If it's a single barrier, this difference equals zero. If there are more than two intervening barriers, only the nearest and farthest will be considered. Hence, good practice should avoid more than two barriers, especially if "middle" barriers are much taller than the nearest or farthest.

Column1	Column2	Column3	Column4	Column5	Column6	Column7	Column8	Column9	Column10	Column11	Column12	Column13	Column14	Column15	Column16
Number	Start Date	Start Time	End Time	Duration	Meas Mode	Input Range	Input Type	SPL Time Weight	LN% Freq Weight	Overload	UnderRange	Sensitivity	LZeq	LCeq	LAeq
1	11/10/2022	12:26:54 PM	1:00:00 PM	00:33:06	Auto	Low	Mic	Slow	dBA	Yes	No	10.02mV/Pa	74.9	74.0	69.6
2	11/10/2022	1:00:02 PM	2:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	74.8	73.9	68.8
3	11/10/2022	2:00:02 PM	3:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	75.3	74.7	69.6
4	11/10/2022	3:00:02 PM	4:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	75.4	74.9	70.0
5	11/10/2022	4:00:02 PM	5:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	75.3	74.9	70.3
6	11/10/2022	5:00:02 PM	6:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	75.6	75.2	70.2
7	11/10/2022	6:00:02 PM	7:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	75.0	74.7	69.9
8	11/10/2022	7:00:02 PM	8:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	74.7	74.3	69.5
9	11/10/2022	8:00:02 PM	9:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	73.2	72.7	68.1
10	11/10/2022	9:00:02 PM	10:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	71.9	71.4	67.1
11	11/10/2022	10:00:02 PM	11:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	71.0	70.5	66.0
12	11/10/2022	11:00:02 PM	12:00:00 AM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	70.4	70.0	64.3
13	11/11/2022	12:00:02 AM	1:00:00 AM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	68.1	67.2	62.8
14	11/11/2022	1:00:02 AM	2:00:00 AM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	69.7	69.2	62.0
15	11/11/2022	2:00:02 AM	3:00:00 AM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	67.1	66.5	61.9
16	11/11/2022	3:00:02 AM	4:00:00 AM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	69.1	68.4	63.6
17	11/11/2022	4:00:02 AM	5:00:00 AM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	69.8	69.1	64.7
18	11/11/2022	5:00:02 AM	6:00:00 AM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	72.2	71.6	67.3
19	11/11/2022	6:00:02 AM	7:00:00 AM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	75.5	75.0	69.7
20	11/11/2022	7:00:02 AM	8:00:00 AM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	75.8	75.2	70.5
21	11/11/2022	8:00:02 AM	9:00:00 AM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	75.3	74.6	69.9
22	11/11/2022	9:00:02 AM	10:00:00 AM	00:59:58	Auto	Low	Mic	Slow	dBA	Yes	No	10.02mV/Pa	75.4	74.9	70.3
23	11/11/2022	10:00:02 AM	11:00:00 AM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	74.6	74.0	69.7
24	11/11/2022	11:00:02 AM	12:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	Yes	No	10.02mV/Pa	74.4	73.9	69.3
25	11/11/2022	12:00:02 PM	1:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	74.6	74.0	69.6
26	11/11/2022	1:00:02 PM	2:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	75.2	74.7	70.7
27	11/11/2022	2:00:02 PM	3:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	75.4	75.0	69.7
28	11/11/2022	3:00:02 PM	4:00:00 PM	00:59:58	Auto	Low	Mic	Slow	dBA	No	No	10.02mV/Pa	75.6	75.2	70.1
29	11/11/2022	4:00:01 PM	4:15:17 PM	00:15:16	Auto	Low	Mic	Slow	dBA	Yes	No	10.02mV/Pa	75.2	74.8	70.5

Column17	Column18	Column19	Column20	Column21	Column22	Column23	Column24	Column25	Column26	Column27	Column28	Column29	Column30	Column31	Column32
LZmax	LCmax	LAmx	LZmin	LCmin	LAmn	LZE	LCE	LAE	LZpeak	LCpeak	LApeak	0.01	0.02	0.05	0.08
91.4	91.3	90.3	56.2	54.0	41.3	107.9	107.0	102.6	117.8	117.6	121.0	77.6	76.6	74.6	73.4
93.1	92.9	84.9	57.8	55.7	43.7	110.4	109.5	104.4	106.1	105.9	103.8	76.9	75.9	73.8	72.9
94.4	94.2	89.1	57.8	56.1	42.8	110.9	110.3	105.2	110.1	110.3	107.0	76.9	75.7	74.2	73.4
95.4	95.2	83.0	58.9	57.2	44.8	111.0	110.5	105.6	105.5	105.0	97.5	77.6	76.2	74.6	73.8
90.5	90.3	81.0	58.6	56.7	44.2	110.9	110.5	105.9	100.6	101.3	95.2	77.1	76.1	74.8	74.1
94.5	94.1	81.2	61.0	59.6	50.0	111.2	110.8	105.8	107.6	107.0	105.1	76.6	75.8	74.6	74
92.3	92.2	85.6	60.0	58.8	51.0	110.6	110.3	105.5	104.7	104.8	100.1	77.4	76.4	74.7	73.9
94.0	93.7	84.7	59.5	58.2	48.5	110.3	109.9	105.1	106.0	105.2	102.5	77.4	76	74.3	73.5
88.0	87.6	81.5	60.8	59.5	50.5	108.8	108.3	103.7	105.8	105.9	103.1	76.1	75.2	73.8	72.8
86.8	86.8	83.4	59.9	58.9	48.4	107.5	107.0	102.7	99.8	99.9	96.5	74.9	74	72.5	71.7
86.7	85.8	83.4	58.7	57.0	47.1	106.6	106.1	101.6	98.7	97.5	96.1	75.1	73.9	72	71
91.8	91.6	82.0	54.9	53.3	42.7	106.0	105.6	99.9	104.3	104.0	97.2	73.8	72.3	70.4	69.5
90.6	85.5	82.4	54.0	52.4	42.4	103.7	102.8	98.4	100.5	97.8	95.5	73.1	71.5	69.4	68.1
91.1	90.8	81.0	53.0	51.1	40.3	105.3	104.8	97.6	104.7	104.9	98.6	73.7	71.2	68.5	66.7
87.7	86.9	77.0	53.8	51.9	40.4	102.7	102.1	97.5	98.3	97.2	90.3	72.8	71.2	68.8	67.3
89.0	85.9	79.0	56.3	54.5	41.8	104.7	104.0	99.2	101.0	97.9	91.9	73.8	72.1	70	68.9
85.9	85.7	79.7	58.7	56.9	43.6	105.4	104.7	100.3	97.1	97.5	92.9	74.1	72.7	71	69.9
87.2	86.8	81.5	61.2	59.8	48.0	107.8	107.2	102.9	99.9	100.2	96.6	76.6	75.3	73.2	72
98.3	98.3	90.7	62.7	61.2	51.5	111.1	110.6	105.3	110.9	111.0	105.5	77.7	76.7	74.9	73.9
92.2	92.0	89.0	65.7	64.1	52.5	111.4	110.8	106.1	103.7	103.7	102.9	78.6	77.4	75.7	74.6
93.8	91.0	87.8	62.8	60.9	45.6	110.9	110.2	105.5	104.4	103.8	101.3	77.9	76.7	74.9	73.9
99.0	98.8	95.3	61.5	59.5	45.2	111.0	110.5	105.9	115.9	116.2	114.9	77.2	75.7	74.4	73.6
94.6	94.3	90.6	58.3	55.4	40.3	110.2	109.6	105.3	110.8	110.3	108.6	77	75.8	74.4	73.6
91.2	91.1	85.8	58.7	56.1	40.4	110.0	109.5	104.9	116.8	116.1	115.1	76.7	75.8	74.2	73.3
92.5	92.3	93.1	58.8	56.9	41.0	110.2	109.6	105.2	104.3	104.1	105.0	77.4	75.4	73.8	73
95.9	95.8	96.5	59.0	56.7	40.0	110.8	110.3	106.3	105.7	105.6	106.3	77	76	74.5	73.6
94.5	94.3	88.0	58.6	56.4	41.6	111.0	110.6	105.3	108.0	108.0	101.0	77.4	75.9	74.1	73.3
92.1	92.1	86.4	58.5	56.9	41.4	111.2	110.8	105.7	106.9	107.1	104.6	77.8	76.2	74.4	73.6
88.5	88.2	86.0	59.5	57.7	40.5	104.8	104.4	100.1	116.0	115.4	114.0	79	78	75.9	74.4

Column33	Column34	Column35	Column36	Column37	Column38	Column39	Column40	Column41	Column42	Column43	Column44	Column45	Column46	Column47	Column48
0.1	0.25	0.5	0.9	0.95	0.99	1/1 Oct. (dBA)	31.5	63	125	250	500	1000	2000	4000	8000
72.9	70.3	67	53.5	49.8	43.2		25.1	40.5	52.1	56.9	62.1	66.3	63.4	56.4	46.5
72.4	70.1	66.5	53.5	49.8	46.1		25.3	41.4	52.7	55.9	61.7	65.8	62.7	52.6	39.9
73	70.9	67.6	53.9	50.3	45.5		24.4	42.2	53.3	58	62.4	66.5	63.4	54.1	42.7
73.4	71.5	68.4	55.4	51	46.6		24.6	41.7	54.2	56.8	62.8	67.1	63.8	53.7	40.4
73.8	72	69	56	52.3	47.7		24.2	41.9	53.6	57.1	62.8	67.5	64.1	54.2	40.6
73.7	71.7	68.9	59.1	56	52.2		24.2	43.8	53.7	56.5	62.3	67.4	64.3	54.5	40.2
73.5	71.3	67.8	57.4	55.4	52.6		23.2	41.2	53.9	58	62.3	66.8	63.8	54.3	40.1
73.2	70.7	67	55.3	53.6	50.7		22.8	41.7	53.2	56.9	61.8	66.6	63.3	53.8	40.1
72.4	69.4	64.7	55.7	53.9	51.7		22.8	40.1	51.4	54.9	60.2	65.1	62.4	52.9	38.5
71.2	68.3	63.6	54.5	52.7	50.9		21.2	39.2	49.4	53.5	59.1	64.3	61.4	52.1	38.2
70.3	66.6	60.4	52.5	50.8	48.6		19.9	38.9	48.6	52.2	57.6	63	60.7	50.7	36.4
68.8	64.4	57.4	49.3	47.8	44.9		17.8	38	49.5	52.9	56.8	61	58.4	49.7	35.4
67.3	61.5	55.1	47.9	46.6	44.8		17.7	34.2	45.5	49.6	54.8	60	56.9	48.1	34
65.7	59.4	52.3	43.7	42.6	41.6		17.3	38.6	48.8	51.5	54.6	58.6	55.4	47.2	35
66.5	60.6	53.7	44.1	42.6	41.5		15.9	34.5	44.6	49.3	54.3	58.7	56.5	47	33
68.2	63.7	56.6	46.8	45.2	43.3		20.3	35.9	46.3	50.8	56.3	60.6	57.7	47.6	33.8
69.2	65.1	58.8	50.8	48.9	46.5		20.4	35.6	47.9	51	57.1	61.7	58.9	48.9	34.8
71.4	68	62.7	55	53.2	50.3		22.9	38.3	49.7	53.8	59.9	64.3	61.3	52.1	38.4
73.3	70.3	66	55.9	54.5	52.9		25.3	40.6	54.6	58.6	62.7	66.4	63.1	53.4	39.2
74.1	71.6	67.7	58.6	57.1	55.1		26.5	41.6	54.2	57.3	63.1	67.5	64.6	55.1	41.6
73.5	71.2	67.6	53.1	50.5	47.8		28	41.7	52.6	56.6	62.5	66.9	64	54.5	40.4
73.1	70.7	67.5	54.3	51.5	48.1		24.2	42.7	52.7	57.9	63.4	66.7	64.6	56.6	46.5
73.2	70.8	67.5	52.1	48.4	43.1		23.9	42	51.7	56	62.4	66.6	64	53.9	40.6
72.9	70.6	67.3	51.4	47.5	43.4		24.2	41.2	52.3	56.6	61.8	66.2	63.5	53.4	42.2
72.6	70.3	66.9	54.4	49.8	43.1		25.1	41	52.3	56.1	61.8	66.6	64.2	52.7	39.6
73.2	71	68	55	49	43.8		26	41.2	52.8	56.9	62.4	67.8	65	53.2	39.6
72.9	70.8	67.7	55.1	51.5	45.6		23.5	41.4	55	57.7	62.1	66.6	63.4	53.1	39.6
73.2	71.3	68.5	54.3	49.6	44.7		23.5	42.1	53.9	59	63.4	66.9	63.7	54.6	41.7
73.9	71.5	68.3	54.7	50.3	42.7		24.6	42.1	53	56.6	62.9	67.7	64.2	55.2	46.5

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39.9826 = conversion of the 10.02 mV/Pa sensitivity*
5.0 = apparent adjustment to dB that needs to be offset
*<https://www.transistorcafe.com/unit-converter/en-US/microphone-sensitivity/#-4-microphone-20db-100hz>
decibel@20=relative@20@Hz@120dBref@20mPa@20mcrabar/

LLeq	LCEq	LAeq	LZmax	LCmax	LAmax	LZmin	LCmin	LZmin	LCmin	LAmin	LZE	LCE	LAZ	LZpeak	LCpeak	LApeak	0.01	0.02	0.05	0.08	0.1	0.25	0.5	0.9	0.95	6.99	1/1 Oct. (dB)	31.5	63	125	250	500	1000	2000	4000	8000		
69.9	69.0	64.6	86.4	86.3	85.3	51.2	49.0	36.3	102.9	97.6	112.8	112.6	110.0	72.6	71.6	69.6	68.4	67.9	65.3	62.0	48.5	44.8	38.2	30.1	35.5	47.1	51.9	57.1	61.3	64.4	67.0	69.4	71.5	72.9	74.4	75.3		
69.8	68.9	63.8	88.1	87.9	79.9	52.8	50.7	38.7	105.4	104.5	99.4	101.1	100.9	98.8	71.9	70.9	68.8	67.9	67.4	65.1	61.5	48.5	44.8	41.1	20.3	36.4	47.7	50.9	56.7	60.8	64.8	68.8	71.9	74.6	76.8	78.1	79.1	
70.3	69.7	64.6	89.4	89.2	84.1	52.8	51.1	37.8	105.9	105.3	100.2	101.1	101.0	102.0	71.9	70.7	69.2	68.4	68.0	65.9	62.6	48.9	45.3	40.5	19.4	37.2	48.3	53.0	57.4	61.5	65.4	69.1	71.9	74.1	75.6	76.5	77.2	
70.4	69.9	65.0	90.4	90.2	79.0	53.9	52.2	39.8	105.0	105.5	100.6	100.5	100.0	92.5	72.6	71.2	69.6	68.8	68.4	66.5	63.4	50.6	46.0	41.6	19.6	36.7	48.2	51.8	57.8	62.1	65.8	69.7	72.6	74.9	76.3	77.1	77.7	
70.3	69.9	65.3	85.5	85.3	76.0	53.6	51.7	39.2	105.9	105.5	100.9	95.6	96.3	90.2	72.1	71.1	69.8	69.1	68.8	67.0	64.0	51.0	47.3	42.7	19.2	36.9	48.6	52.1	57.8	62.5	66.1	69.9	72.4	74.5	75.9	76.6	77.3	
70.6	70.2	65.2	89.5	89.1	76.2	56.0	54.6	45.0	106.2	105.8	100.8	102.6	102.0	100.1	71.6	70.8	69.6	69.0	68.7	66.7	63.9	54.1	51.0	47.2	70.9	69.8	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5	70.6	70.7	
70.0	69.7	64.9	87.3	87.2	80.6	55.0	53.8	46.0	105.6	105.3	100.5	99.7	99.8	95.1	72.4	71.4	69.7	68.9	68.5	66.3	62.8	52.4	50.4	47.6	18.2	36.2	48.9	53.0	57.3	61.8	65.8	69.5	72.5	75.0	77.1	78.4	79.1	79.7
69.7	69.3	64.5	89.0	88.7	79.7	54.5	53.2	43.5	105.3	104.9	100.1	101.0	100.2	97.5	72.4	71.0	69.3	68.5	68.2	65.7	62.0	50.3	46.6	45.7	17.8	36.7	48.2	51.9	56.8	61.6	65.4	69.3	71.8	74.0	75.8	76.8	77.4	
68.2	67.7	63.1	83.0	82.6	76.5	55.8	54.5	45.5	103.8	103.3	98.7	100.8	100.9	98.1	71.1	70.2	68.8	67.8	67.4	64.4	59.7	50.7	48.9	46.7	17.8	37.1	48.5	52.2	57.1	61.9	65.7	69.6	72.1	74.3	75.9	76.7	77.3	
66.9	66.4	62.1	81.8	81.8	78.4	54.9	53.9	43.4	102.5	102.0	97.7	94.8	94.9	91.5	69.9	69.0	67.5	66.7	66.2	63.3	58.6	49.5	47.7	45.9	16.2	34.2	44.4	48.5	54.1	59.3	64.4	67.1	70.1	72.4	74.0	75.1	75.7	
66.0	65.5	61.0	81.7	80.8	78.4	53.7	52.0	42.1	101.6	101.1	96.6	93.7	92.5	91.1	70.1	69.8	67.0	66.0	65.3	61.6	55.4	47.5	45.8	43.6	14.9	33.9	43.6	47.2	52.6	58.0	62.7	66.0	68.8	71.0	72.6	73.6	74.1	
65.4	65.0	59.3	86.8	86.6	77.0	49.9	48.3	37.7	101.0	100.6	94.9	99.3	99.0	92.2	68.8	67.3	65.4	64.5	63.8	59.4	52.4	44.3	42.8	39.9	12.8	33.0	44.5	47.9	51.8	56.0	60.4	64.7	68.6	71.3	73.0	74.1	74.6	
63.1	62.2	57.8	85.6	85.5	77.4	49.0	47.4	37.4	98.7	97.8	91.4	95.5	92.8	90.5	68.1	66.5	64.4	63.1	62.3	56.5	50.1	42.9	41.6	39.8	12.7	29.2	40.5	44.6	49.8	55.0	59.9	63.1	65.9	68.1	69.7	70.6	71.1	
64.7	64.2	57.0	86.1	85.8	76.0	48.0	46.1	35.3	100.3	99.8	92.6	99.7	99.9	93.6	68.7	66.2	63.5	61.7	60.7	54.4	47.3	38.7	37.6	36.6	12.3	33.6	43.8	46.5	49.6	53.6	57.4	60.4	62.2	63.0	63.4	63.7		
62.1	61.5	56.9	82.7	81.9	72.0	48.8	46.9	35.4	97.7	97.1	92.5	93.3	92.2	85.3	67.8	66.2	63.8	62.3	61.5	55.6	48.7	39.1	37.6	36.5	10.9	29.5	39.6	44.3	49.3	53.7	57.5	61.2	64.0	65.9	67.0	67.4		
64.1	63.4	58.6	84.0	83.9	74.0	51.3	49.5	38.8	99.7	99.0	94.2	96.0	92.9	86.9	68.8	67.1	65.0	63.9	63.2	58.7	51.6	41.8	40.2	38.3	15.1	30.9	41.3	45.8	51.3	55.6	59.7	62.6	64.6	65.8	66.3	66.6		
64.8	64.1	59.7	80.9	80.7	74.7	53.7	51.9	38.6	100.4	99.7	95.3	92.1	92.5	87.9	69.1	67.7	66.0	64.9	64.2	60.1	53.8	45.8	43.9	41.5	15.4	30.6	42.9	46.0	52.1	56.7	60.9	64.9	68.9	71.5	73.3	74.4		
67.2	66.6	62.3	82.2	81.8	76.5	56.2	54.8	43.0	102.8	102.2	97.9	94.9	95.2	91.6	71.6	70.3	68.2	67.0	66.4	63.0	57.7	50.0	48.2	45.3	17.9	33.3	44.7	48.8	54.9	59.3	63.7	67.1	70.1	71.8	72.6	73.0		
70.5	70.0	64.7	91.3	91.3	85.7	57.7	56.2	46.5	106.1	105.6	100.3	105.9	106.0	103.5	72.7	71.7	69.9	68.9	68.3	66.3	61.0	50.9	49.5	47.9	20.3	35.6	49.6	53.6	57.7	61.4	64.4	66.1	67.4	68.4	68.9	69.3		
70.8	70.2	65.5	87.2	87.0	84.0	60.7	59.1	47.5	106.4	105.8	101.1	98.7	98.7	97.9	73.6	72.4	70.7	69.6	69.1	66.6	62.7	53.6	52.1	50.1	21.5	36.6	49.2	52.3	58.1	62.5	65.6	68.1	70.1	71.0	71.4	71.7		
70.3	69.6	64.9	88.8	88.0	82.8	57.8	55.9	40.6	105.9	105.2	100.5	99.4	98.8	96.3	72.9	71.7	69.9	68.9	68.5	66.2	62.6	48.1	45.5	42.8	23.0	36.7	47.6	51.6	57.5	61.9	65.9	69.0	71.5	73.1	73.9	74.4		
70.4	69.9	65.2	94.0	93.8	90.3	56.5	54.5	40.2	106.0	105.5	100.9	110.9	111.2	109.9	72.2	70.7	69.4	68.6	68.1	65.7	62.5	49.3	46.5	43.1	19.4	37.7	47.7	52.9	58.4	61.7	65.6	68.6	71.0	72.6	73.4	73.8		
69.6	69.0	64.7	89.6	89.3	85.6	53.3	50.4	35.3	105.2	104.6	100.3	105.8	105.3	103.6	72.0	70.8	69.4	68.6	68.2	65.8	62.5	47.1	45.4	43.1	18.9	37.0	46.7	51.0	57.4	61.6	65.0	68.9	71.5	73.6	75.1	75.9		
69.4	68.9	64.3	86.2	86.1	80.8	53.7	51.1	35.4	105.0	104.5	99.9	111.8	111.1	110.1	71.7	70.8	69.2	68.3	67.9	65.6	62.3	46.4	42.5	38.4	19.2	36.2	47.3	51.6	56.8	61.2	65.5	68.4	70.9	72.4	73.1	73.5		
69.6	69.0	64.6	87.5	87.3	88.1	53.8	51.9	36.0	105.2	104.6	100.2	99.3	99.1	100.0	72.4	70.4	68.6	68.0	67.6	65.3	61.9	49.4	44.8	38.1	20.1	36.0	47.3	51.1	56.8	61.6	65.2	67.7	69.6	71.1	72.0	72.4		
70.2	69.7	65.7	90.9	90.8	91.5	54.0	51.7	35.0	105.8	105.3	101.3	100.7	100.6	101.3	72.0	71.0	69.5	68.6	68.2	66.0	63.0	50.0	44.0	38.8	21.0	36.2	47.8	51.9	57.4	62.8	66.0	68.2	69.4	70.2	70.6	70.9		
70.4	70.0	64.7	89.5	89.3	83.0	53.6	51.4	36.6	106.0	105.6	100.6	103.3	103.0	103.0	76.0	74.4	70.9	69.1	68.3	67.9	65.8	62.7	50.1	46.5	40.6	18.5	36.4	50.0	52.7	57.1	61.6	64.4	66.1	67.4	67.9			
70.6	70.2	65.1	87.1	87.1	81.4	53.5	51.9	36.4	106.2	105.8	100.7	101.9	101.1	99.6	72.8	71.2	69.4	68.6	68.2	66.3	63.5	49.3	44.6	39.7	18.5	37.1	48.9	54.0	58.4	61.9	64.9	66.6	67.7	68.1	68.4	68.7		
70.2	69.8	65.5	85.5	85.2	81.0	54.5	52.7	35.5	99.8	99.4	95.1	111.0	110.4	109.0	74.0	73.0	70.9	69.4	68.9	66.5	63.3	49.7	45.3	37.7	19.6	37.1	48.0	51.6	57.9	62.7	66.2	69.2	71.5	72.8	73.3			

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cncl 67.93858

Column1	Column2	Column3	Column4	Column5	Column6	Column7	Column8	Column9	Column10	Column11	Column12	Column13	Column14	Column15	Column16
Number	Start Date	Start Time	End Time	Duration	Meas Mode	Input Range	Input Type	SPL Time Weight	LN% Freq Weight	Overload	UnderRange	Sensitivity	LZeq	LCeq	LAeq
ST1															
52	11/11/2022	3:54:00 PM	3:55:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	77.9	77.6	74.3
53	11/11/2022	3:55:00 PM	3:56:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	80.0	79.7	75.6
54	11/11/2022	3:56:00 PM	3:57:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	81.2	80.9	75.4
55	11/11/2022	3:57:00 PM	3:58:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	83.5	83.2	75.7
56	11/11/2022	3:58:00 PM	3:59:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	79.7	79.3	75.8
57	11/11/2022	3:59:00 PM	4:00:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	78.9	78.6	74.7
58	11/11/2022	4:00:00 PM	4:00:14 PM	00:00:14	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	83.9	83.6	78.3
ST2															
59	11/11/2022	4:03:59 PM	4:04:00 PM	00:00:01	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	72.9	72.5	70.9
60	11/11/2022	4:04:00 PM	4:05:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	79.9	79.6	77.2
61	11/11/2022	4:05:00 PM	4:06:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	76.3	76.0	74.0
62	11/11/2022	4:06:00 PM	4:07:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	77.5	77.2	75.3
63	11/11/2022	4:07:00 PM	4:08:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	79.9	79.5	77.0
64	11/11/2022	4:08:00 PM	4:09:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	73.6	73.3	70.5
65	11/11/2022	4:09:00 PM	4:10:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	81.6	81.2	77.0
66	11/11/2022	4:10:01 PM	4:10:07 PM	00:00:06	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	75.7	74.1	69.8

Column17	Column18	Column19	Column20	Column21	Column22	Column23	Column24	Column25	Column26	Column27	Column28	Column29	Column30	Column31	Column32
LZmax	LCmax	LAmx	LZmin	LCmin	L Amin	LZE	LCE	LAE	LZpeak	LCpeak	LApeak	0.01	0.02	0.05	0.08
84.1	83.8	78.7	64.6	63.8	57.7	95.7	95.4	92.1	96.3	95.7	91.3	78.6	78.6	78.4	78.1
91.0	90.8	83.7	63.9	63.1	57.2	97.8	97.5	93.4	103.2	102.9	97.3	83.3	82.8	80.8	78.5
92.5	92.4	81.3	70.8	70.3	68.1	99.0	98.7	93.2	103.3	103.0	93.7	81	80.1	78.8	78.1
96.0	95.7	84.7	65.2	64.7	58.1	101.3	101.0	93.5	106.6	105.8	97.3	84.4	84.1	82.3	80.5
88.3	87.2	83.5	67.4	66.8	58.2	97.5	97.1	93.6	100.3	100.3	96.9	83.3	82.7	80.2	78.7
86.0	85.6	79.9	70.9	70.5	67.8	96.7	96.4	92.5	98.6	98.4	94.2	79.8	79.7	79.4	78.6
88.1	87.8	80.1	80.4	80.1	75.8	95.4	95.1	89.8	100.5	99.7	92.6	80	80	79.9	79.7
74.2	73.9	72.4	73.5	73.2	71.7	72.9	72.5	70.9	84.9	84.7	82.7	114.6	114.6	72.4	72.3
86.2	85.9	81.9	72.9	72.6	70.9	97.7	97.4	95.0	99.7	99.4	96.6	81.7	81.5	80.9	80.4
82.6	82.3	79.6	63.4	62.3	48.9	94.1	93.8	91.8	95.7	96.1	93.7	79.5	79.1	78.6	78.1
82.7	82.3	80.8	63.2	62.3	50.0	95.3	95.0	93.1	95.2	95.4	93.9	80.2	80.1	79.8	79.5
88.4	87.6	84.1	74.0	73.6	70.4	97.7	97.3	94.8	101.4	100.1	97.4	83.8	83.1	80.8	80.4
80.3	80.1	78.5	66.4	65.7	57.1	91.4	91.1	88.3	95.9	95.4	91.8	78.4	78.2	76.5	74
87.1	86.8	80.4	73.4	73.1	67.0	99.4	99.0	94.8	98.0	97.1	93.6	80.3	80.1	79.7	79.3
77.3	74.9	71.6	74.6	73.0	66.6	83.5	81.9	77.6	88.1	87.8	83.8	71.6	71.6	71.5	71.4

Column33	Column34	Column35	Column36	Column37	Column38	Column39	Column40	Column41	Column42	Column43	Column44	Column45	Column46	Column47	Column48
0.1	0.25	0.5	0.9	0.95	0.99	1/1 Oct. (dBA)	31.5	63	125	250	500	1000	2000	4000	8000
77.9	75.8	74.4	64.1	59.2	58		24	43.6	56.2	59.7	63.7	72	68.7	57.2	43.7
78.3	77.7	71.1	61.7	60.7	57.6		23.9	44.6	57.8	65.3	66.6	72.9	69.5	58.9	46.6
77.6	76.3	74.9	70.2	69.1	68.2		27.3	44.6	61.9	64.3	65.3	72.7	69.1	58	44.5
79.6	76.6	71.6	61.8	60	58.3		25.6	52.7	63.7	62.4	67.1	73.1	69.4	58.7	46.2
78.5	77	74.6	61	59.1	58.3		25.3	44.8	57.7	61	68.4	73.2	69.2	58.5	45.5
78.1	75.6	73.4	70.4	69	68		25.1	45.5	57.4	61.3	65.5	72	69	57.6	44.6
79.5	79.1	78.2	77.1	76.9	76		29.1	50.8	63.7	65.1	70.3	75.7	71.4	60	47.1
72.3	72	71.8	71.7	71.7	71.7		22.5	38.6	47.1	51.7	57.4	68.9	65.8	52.5	36.8
80.3	78.4	76.4	72.1	71.5	71.1		26.9	46.9	55.6	58.5	66.9	75.1	71.7	60.5	47.6
78	76.6	73.4	51	50.2	49.1		22.3	41.2	52.7	55	63.6	71.6	68.8	57.8	44.2
79.3	78.2	72.4	51	50.3	50.1		25.9	43	51.9	55.7	65.9	73	69.5	59.2	46.7
80.1	78.1	75.6	73.5	72.8	70.7		28.5	45.8	54.5	60.7	68.5	74.7	70.8	59.8	46.8
73.6	72	67.4	58.1	57.4	57.2		20.4	38.2	51	55.4	60.9	67.6	65.4	56.4	48.2
79.1	78.2	76.4	73	71.9	68.5		29.8	50.4	59.1	59.2	68	74.7	70.7	60.1	47.3
71.2	70.1	68.8	67.2	66.8	66.6		27.6	44.2	49.4	50.7	57.6	67.4	65.1	51.7	37.1

Start Time	-37.0836 = conversion of the 10.02 mV/Pa sensitivity* 2.1 = apparent adjustment to dB that needs to be offset *https://www.translatorscafe.com/unit-converter/en-US/microphone-sensitivity/6-4/millivolt%20per%20pascal-decibel%20relative%20to%201%20volt%20per%201%20microbar/																				LZeq	LCeq	LAeq	LZmax	LCmax	LAmx	LZmin	LCmin	L Amin	LZE	LCE	LAE	LZpeak	LCpeak	LApeak	0.01	0.02	0.05	0.08	0.1	0.25	0.5	0.9	0.95	0.99	1/1 Oct. (dBA)	31.5	63	125	250	500	1000	2000	4000	8000
3:54:00 PM																					75.8	75.5	72.2	82.0	81.7	76.6	62.5	61.7	55.6	93.6	93.3	90.0	94.2	93.6	89.2	76.5	76.5	76.3	76.0	75.8	73.7	72.3	62.0	57.1	55.9	21.9	41.5	54.1	57.6	61.6	69.9	66.6	55.1	41.6	
3:55:00 PM																					77.9	77.6	73.5	88.9	88.7	81.6	61.8	61.0	55.1	95.7	95.4	91.3	101.1	100.8	95.2	81.2	80.7	78.7	76.4	76.2	75.6	69.0	59.6	58.6	55.5	21.8	42.5	55.7	63.2	64.5	70.8	67.4	56.8	44.5	
3:56:00 PM																					79.1	78.8	73.3	90.4	90.3	79.2	68.7	68.2	66.0	96.9	96.6	91.1	101.2	100.9	91.6	78.9	78.0	76.7	76.0	75.5	74.2	72.8	68.1	67.0	66.1	25.2	42.5	59.8	62.2	63.2	70.6	67.0	55.9	42.4	
3:57:00 PM																					81.4	81.1	73.6	93.9	93.6	82.6	63.1	62.6	56.0	99.2	98.9	91.4	104.5	103.7	95.2	82.3	82.0	80.2	78.4	77.5	74.5	69.5	59.7	57.9	56.2	23.5	50.6	61.6	60.3	65.0	71.0	67.3	56.6	44.1	
3:58:00 PM																					77.6	77.2	73.7	86.2	85.1	81.4	65.3	64.7	56.1	95.4	95.0	91.5	98.2	98.2	94.8	81.2	80.6	78.1	76.6	76.4	74.9	72.5	58.9	57.0	56.2	23.2	42.7	55.6	58.9	66.3	71.1	67.1	56.4	43.4	
3:59:00 PM																					76.8	76.5	72.6	83.9	83.5	77.8	68.8	68.4	65.7	94.6	94.3	90.4	96.5	96.3	92.1	77.7	77.6	77.3	76.5	76.0	73.5	71.3	68.3	66.9	65.9	23.0	43.4	55.3	59.2	63.4	69.9	66.9	55.5	42.5	
4:00:00 PM																					81.8	81.5	76.2	86.0	85.7	78.0	78.3	78.0	73.7	93.3	93.0	87.7	98.4	97.6	90.5	77.9	77.9	77.8	77.6	77.4	77.0	76.1	75.0	74.8	73.9	27.0	48.7	61.6	63.0	68.2	73.6	69.3	57.9	45.0	
4:03:59 PM																					70.8	70.4	68.8	72.1	71.8	70.3	71.4	71.1	69.6	70.8	70.4	68.8	82.8	82.6	80.6	112.5	112.5	70.3	70.2	70.2	69.9	69.7	69.6	69.6	69.6	20.4	36.5	45.0	49.6	55.3	66.8	63.7	50.4	34.7	
4:04:00 PM																					77.8	77.5	75.1	84.1	83.8	79.8	70.8	70.5	68.8	95.6	95.3	92.9	97.6	97.3	94.5	79.6	79.4	78.8	78.3	78.2	76.3	74.3	70.0	69.4	69.0	24.8	44.8	53.5	56.4	64.8	73.0	69.6	58.4	45.5	
4:05:00 PM																					74.2	73.9	71.9	80.5	80.2	77.5	61.3	60.2	46.8	92.0	91.7	89.7	93.6	94.0	91.6	77.4	77.0	76.5	76.0	75.9	74.5	71.3	48.9	48.1	47.0	20.2	39.1	50.6	52.9	61.5	69.5	66.7	55.7	42.1	
4:06:00 PM																					75.4	75.1	73.2	80.6	80.2	78.7	61.1	60.2	47.9	93.2	92.9	91.0	93.1	93.3	91.8	78.1	78.0	77.7	77.4	77.2	76.1	70.3	48.9	48.2	48.0	23.8	40.9	49.8	53.6	63.8	70.9	67.4	57.1	44.6	
4:07:00 PM																					77.8	77.4	74.9	86.3	85.5	82.0	71.9	71.5	68.3	95.6	95.2	92.7	99.3	98.0	95.3	81.7	81.0	78.7	78.3	78.0	76.0	73.5	71.4	70.7	68.6	26.4	43.7	52.4	58.6	66.4	72.6	68.7	57.7	44.7	
4:08:00 PM																					71.5	71.2	68.4	78.2	78.0	76.4	64.3	63.6	55.0	89.3	89.0	86.2	93.8	93.3	89.7	76.3	76.1	74.4	71.9	71.5	69.9	65.3	56.0	55.3	55.1	18.3	36.1	48.9	53.3	58.8	65.5	63.3	54.3	46.1	
4:09:00 PM																					79.5	79.1	74.9	85.0	84.7	78.3	71.3	71.0	64.9	97.3	96.9	92.7	95.9	95.0	91.5	78.2	78.0	77.6	77.2	77.0	76.1	74.3	70.9	69.8	66.4	27.7	48.3	57.0	57.1	65.9	72.6	68.6	58.0	45.2	
4:10:01 PM																					73.6	72.0	67.7	75.2	72.8	69.5	72.5	70.9	64.5	81.4	79.8	75.5	86.0	85.7	81.7	69.5	69.5	69.4	69.3	69.1	68.0	66.7	65.1	64.7	64.5	25.5	42.1	47.3	48.6	55.5	65.3	63.0	49.6	35.0	

Leq 74.0
Leq 73.1

Column1	Column2	Column3	Column4	Column5	Column6	Column7	Column8	Column9	Column10	Column11	Column12	Column13	Column14	Column15	Column16
Number	Start Date	Start Time	End Time	Duration	Meas Mode	Input Range	Input Type	SPL Time Weight	LN% Freq Weight	Overload	UnderRange	Sensitivity	LZeq	LCeq	LAeq
1	11/11/2022	1:23:55 PM	1:24:55 PM	00:01:00	Single	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	65.7	63.7	53.0
2	11/11/2022	1:25:15 PM	1:26:00 PM	00:00:45	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	64.4	61.9	52.7
3	11/11/2022	1:26:00 PM	1:27:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	64.0	62.5	55.2
4	11/11/2022	1:27:00 PM	1:28:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	63.2	61.3	51.8
5	11/11/2022	1:28:00 PM	1:29:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	64.1	63.1	56.7
6	11/11/2022	1:29:00 PM	1:30:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	64.5	62.5	55.3
7	11/11/2022	1:30:00 PM	1:31:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	65.4	63.9	53.8
8	11/11/2022	1:31:00 PM	1:32:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	67.4	65.9	52.0
9	11/11/2022	1:32:00 PM	1:33:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	64.8	63.0	52.3
10	11/11/2022	1:33:00 PM	1:34:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	64.8	63.4	53.8
11	11/11/2022	1:34:00 PM	1:35:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	69.5	68.8	58.4
12	11/11/2022	1:35:00 PM	1:36:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	64.5	62.7	53.3
13	11/11/2022	1:36:00 PM	1:37:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	64.5	63.5	54.4
14	11/11/2022	1:37:00 PM	1:38:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	60.3	58.6	50.4
15	11/11/2022	1:38:00 PM	1:38:05 PM	00:00:05	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	60.1	58.9	53.2
16	11/11/2022	1:45:01 PM	1:46:00 PM	00:00:59	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	73.5	72.6	68.4
17	11/11/2022	1:46:00 PM	1:47:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	71.9	71.2	68.0
18	11/11/2022	1:47:00 PM	1:48:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	73.9	73.4	70.8
19	11/11/2022	1:48:00 PM	1:49:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	75.6	75.1	69.5
20	11/11/2022	1:49:00 PM	1:50:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	76.8	76.3	71.4
21	11/11/2022	1:50:00 PM	1:51:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	73.1	72.5	69.4
22	11/11/2022	1:51:00 PM	1:52:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	74.8	74.3	70.7
23	11/11/2022	1:52:00 PM	1:53:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	74.5	73.5	70.0
24	11/11/2022	1:53:00 PM	1:54:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	72.8	72.2	67.8
25	11/11/2022	1:54:00 PM	1:55:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	71.9	71.1	67.3
27	11/11/2022	2:13:41 PM	2:14:00 PM	00:00:19	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	70.8	69.8	59.8
28	11/11/2022	2:14:00 PM	2:15:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	76.7	76.0	62.1
29	11/11/2022	2:15:00 PM	2:16:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	68.7	67.7	60.7
30	11/11/2022	2:16:00 PM	2:17:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	69.5	68.8	62.4
31	11/11/2022	2:17:00 PM	2:18:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	73.2	72.7	63.1
32	11/11/2022	2:18:00 PM	2:19:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	69.0	68.1	60.7
33	11/11/2022	2:19:00 PM	2:20:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	81.9	81.6	71.5
34	11/11/2022	2:20:00 PM	2:21:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	71.8	70.8	57.9
35	11/11/2022	2:21:00 PM	2:22:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	70.4	68.5	60.4
36	11/11/2022	2:22:00 PM	2:23:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	72.7	71.9	61.0
37	11/11/2022	2:23:01 PM	2:23:05 PM	00:00:04	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	67.9	67.1	61.7
38	11/11/2022	2:27:46 PM	2:28:00 PM	00:00:14	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	76.1	75.4	71.9
39	11/11/2022	2:28:00 PM	2:29:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	78.7	78.1	73.3
40	11/11/2022	2:29:00 PM	2:30:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	81.5	80.8	69.5
41	11/11/2022	2:30:00 PM	2:31:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	79.7	79.3	71.0
42	11/11/2022	2:31:00 PM	2:32:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	75.8	74.9	70.7
43	11/11/2022	2:32:00 PM	2:33:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	75.4	74.4	71.5
44	11/11/2022	2:32:59 PM	2:33:04 PM	00:00:05	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	73.3	73.1	71.3
45	11/11/2022	2:40:05 PM	2:41:00 PM	00:00:55	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	66.0	63.8	55.4
46	11/11/2022	2:41:00 PM	2:42:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	63.7	61.8	55.8

Column17	Column18	Column19	Column20	Column21	Column22	Column23	Column24	Column25	Column26	Column27	Column28	Column29	Column30	Column31	Column32
LZmax	LCmax	LAmx	LZmin	LCmin	L Amin	LZE	LCE	LAE	LZpeak	LCpeak	LApeak	0.01	0.02	0.05	0.08
68.9	67.6	59.0	61.2	59.1	45.5	83.5	81.5	70.8	80.7	79.4	76.1	58.5	58.3	57.4	55.8
66.5	64.4	57.0	61.8	59.2	47.4	80.9	78.4	69.2	79.5	76.6	74.4	56.8	56.3	55.9	55.7
69.9	69.3	64.8	60.2	58.0	46.6	81.8	80.3	73.0	88.1	86.8	85.8	64.2	63.3	61.6	58.8
67.6	65.9	56.8	59.9	57.5	45.4	81.0	79.1	69.6	79.8	80.4	77.9	55.6	55	54.5	54.1
71.6	71.0	63.2	58.4	56.2	39.7	81.9	80.9	74.5	83.1	82.7	80.9	62.6	62.3	61.2	60.6
69.2	67.6	62.2	59.6	56.7	45.9	82.3	80.3	73.1	82.1	82.0	81.0	61.2	60.8	60	59
72.9	72.1	59.6	59.4	56.3	42.5	83.2	81.7	71.6	84.7	82.5	78.2	59.3	59.2	58.9	58.4
74.4	73.6	58.9	63.2	61.0	43.7	85.2	83.7	69.8	84.4	83.2	72.1	58.6	58.1	56.6	55.6
67.3	66.4	59.1	62.6	60.4	42.3	82.6	80.8	70.1	79.9	78.9	76.8	58.9	58.4	57.4	54.6
67.9	67.0	58.9	61.5	59.2	46.7	82.6	81.2	71.6	81.6	79.9	74.2	58.6	58.3	56.9	56.4
79.0	78.8	69.8	59.8	57.7	46.3	87.3	86.6	76.2	91.0	91.4	83.3	69.5	69	66.4	63.7
70.4	69.9	61.1	58.9	56.6	42.4	82.3	80.5	71.1	83.7	82.2	78.3	60.8	60.1	59.2	56.9
69.4	69.1	60.7	59.1	57.5	47.2	82.3	81.3	72.2	80.5	81.1	79.9	60.4	60.2	59.7	59.1
65.1	63.7	57.7	56.2	54.0	43.5	78.1	76.4	68.2	82.7	82.3	80.8	57.3	56.8	55.1	54.3
62.1	61.1	56.8	57.7	55.9	47.0	67.1	65.9	60.2	76.1	76.0	74.5	56.8	56.7	56.7	56.5
79.3	78.6	73.3	66.2	64.9	58.1	91.2	90.3	86.1	93.5	92.0	86.6	73.1	73	72.5	72
77.4	76.3	74.5	64.1	62.8	55.7	89.7	89.0	85.8	89.7	89.5	88.1	74.3	73.9	73.1	72.7
80.5	80.2	76.8	66.0	65.0	62.0	91.7	91.2	88.6	92.6	93.4	90.5	76.6	76.2	74.4	73.9
87.2	86.8	77.1	62.8	60.5	49.1	93.4	92.9	87.3	97.9	97.8	91.4	76.8	76.2	74.7	74.3
85.3	85.1	76.6	68.8	68.1	61.2	94.6	94.1	89.2	96.5	96.2	91.3	76.4	76	75.6	75.3
78.2	77.7	73.4	66.3	65.2	59.6	90.9	90.3	87.2	92.7	91.7	92.8	73.2	72.8	72.4	72.2
82.7	82.4	77.0	66.1	64.9	57.1	92.6	92.1	88.5	94.7	94.7	90.9	76.6	76.4	76	75.5
84.1	82.4	75.8	65.0	63.2	57.3	92.3	91.3	87.8	96.2	95.7	89.3	75.6	74.8	73.8	73.4
80.8	80.2	75.3	64.7	63.6	55.9	90.6	90.0	85.6	92.3	90.6	88.8	75	74.5	73.5	72.8
80.8	79.7	75.1	65.0	63.7	53.9	89.7	88.9	85.1	92.6	92.7	90.2	74.8	74.2	72.8	72.2
74.7	73.8	65.6	66.7	65.6	55.5	83.6	82.6	72.6	86.7	86.5	88.8	65.5	65.5	64.7	64
83.7	83.2	68.1	66.5	65.5	54.6	94.5	93.8	79.9	92.8	92.2	79.3	67.9	67.8	67.2	66.8
71.9	70.8	65.9	63.1	62.1	51.5	86.5	85.5	78.5	84.5	83.4	79.8	65.8	65.5	64.2	63.8
74.7	74.3	68.5	62.9	61.9	54.1	87.3	86.6	80.2	86.7	86.8	84.0	68.2	67.8	67	66
83.8	83.7	72.9	65.1	63.9	54.4	91.0	90.5	80.9	94.3	94.3	83.7	72.4	71.1	68.6	66.5
72.3	71.4	65.7	63.3	62.3	53.1	86.8	85.9	78.5	84.9	85.9	81.5	65.4	65.1	64.6	64.4
92.8	92.6	83.9	66.3	64.6	48.8	99.7	99.4	89.3	104.9	104.1	101.2	83.1	82.1	79.9	77.1
81.4	80.6	63.0	64.7	62.0	45.5	89.6	88.6	75.7	88.0	88.1	83.4	62.8	62.5	61.5	61.2
77.9	74.3	67.5	62.3	61.0	51.1	88.2	86.3	78.2	92.8	92.3	93.8	67.1	66.2	65.2	64.8
80.7	80.0	66.9	62.0	60.3	50.3	90.5	89.7	78.8	96.2	94.3	98.1	66.6	66.3	66	65.8
68.9	68.1	63.1	66.1	65.1	57.1	73.9	73.1	67.7	81.9	81.6	77.9	63.1	63	63	62.9
79.1	78.4	75.3	70.0	69.2	65.1	87.6	86.9	83.4	91.9	90.7	89.9	75.3	75.3	75.2	75
84.3	84.0	80.3	69.8	69.0	65.0	96.5	95.9	91.1	101.0	101.7	98.6	79.6	78.7	77.7	76.2
91.1	90.4	75.9	69.1	68.0	60.0	99.3	98.6	87.3	100.0	100.3	91.9	75.8	75.7	74.5	73.8
91.7	91.4	76.7	66.1	65.2	59.0	97.5	97.1	88.8	99.7	99.2	90.3	76.5	76.1	75.1	74.5
85.2	83.8	77.9	67.1	66.3	61.9	93.6	92.7	88.5	98.3	96.9	91.9	77.8	77.5	76.6	74.6
82.8	79.9	75.9	64.7	63.7	59.0	93.2	92.2	89.3	96.5	95.2	91.8	75.8	75.5	74.9	74.6
78.9	78.7	76.0	69.6	69.3	67.0	80.3	80.1	78.3	93.0	92.9	93.3	76	76	76	76
71.0	69.2	64.0	59.4	56.7	47.4	83.4	81.2	72.8	81.7	82.6	81.8	63.8	63.3	61.5	59.3
68.7	67.9	65.2	58.6	55.2	43.6	81.5	79.6	73.6	81.0	80.5	78.5	65.1	65	64.2	61.7

Column33	Column34	Column35	Column36	Column37	Column38	Column40	Column41	Column42	Column43	Column44	Column45	Column46	Column47	Column48
0.1	0.25	0.5	0.9	0.95	0.99	31.5	63	125	250	500	1000	2000	4000	8000
55.5	54	52.3	47.1	46.5	45.8	21.2	34.4	40.2	43.9	46.3	49.5	45.4	36	27
55.5	54.6	51.2	48.2	47.8	47.5	20.3	30.6	38.9	43.1	45.8	50	44.3	35	26.4
57.9	54.8	52.9	48.5	48.1	47.1	18.7	29.4	41.5	44.9	48.8	51.9	47.2	42.3	33.2
53.9	53	51.7	47.7	46.5	45.6	20.5	30.6	36.1	40.9	43.6	48.8	45.8	34.6	25.4
60.3	58.6	54.8	45.9	41.2	40	17.6	32.2	39.7	44.2	52.7	53.8	44.7	34.2	26.4
58.6	56.3	53.8	48.9	47.8	46.2	19.5	31.2	38.8	43.7	49.3	52.4	46.7	41.7	31.7
57.6	54.9	53	44.1	43.1	42.6	17.9	35	42.1	44	46.4	50.7	46.2	37.7	27.7
55.1	52.7	50.8	48.1	47	44	21.6	37.4	44	46.9	44.1	46.8	42.8	33.5	25.7
54.1	52.6	51.1	46.4	45.4	42.5	20.6	32.4	41.8	43.8	45.1	48.7	44.8	35.5	27.6
56.2	54.8	53.5	49.8	47.5	46.9	19.9	33	41.7	45.2	46.4	50.5	46.6	35.5	26.2
62.4	54.9	52.6	47.4	46.7	46.4	21.1	38.3	47.1	54.2	54.3	50.6	46.8	37.6	27.9
56.5	54.5	51	44.2	43.1	42.5	19	32.9	40.6	43.2	46	49.8	46.5	36.3	26.9
58.8	53.8	51.9	48.9	48.3	47.4	18.1	32.4	43.2	45.2	46.4	50.9	47.5	36.8	26.4
53.8	52	47.6	44.3	44	43.7	15.4	28.6	35.3	39.6	42.9	47.6	43.7	32.6	25.3
56.3	50.6	48	47.4	47.1	47	14.7	26.6	37	38.6	45.3	51.1	45.2	35.1	28.5
71.5	69.9	68.2	59.2	58.8	58.4	26.3	40.3	49.9	53.6	59.5	66.1	62.1	51.8	40.6
72.5	70.8	63.7	57	56.7	55.8	24.2	37.9	46.6	53	59.6	65.9	61.3	50.6	39.7
73.9	72.7	68.6	64.3	62.7	62.1	24.2	39	48.5	55.7	62.2	68.8	63.8	53	41.5
74.1	71.9	66.4	51.9	49.5	49.2	24.5	44.2	53	58.9	61.1	67.1	62.2	51.2	39.4
74.9	72.8	70.4	64.5	63.9	62.8	25.6	43.7	56	58.3	61.7	68.8	65.1	56.7	54.2
72.1	71.2	68.9	64.9	61.7	59.7	24.4	38.4	49.3	54.2	60.9	66.8	62.9	56.7	49.2
75	72.7	67.1	60.5	58	57.3	25.2	41.3	51.3	57.1	62.3	68.2	64.3	53.5	42.1
73.3	72.2	69	59.7	58.3	57.4	28.5	41.8	47.1	54.1	60.8	67.5	64.2	53.8	42.7
72.2	68.9	65.1	57.5	56.3	56	24.3	39.7	51	52.1	58.8	65.7	61.5	50.7	39.3
71.7	69.3	64.2	55.9	55	54.4	23.7	38.7	46.7	54.5	58	65.3	60.5	49.7	38.9
63.5	60.9	57.6	55.7	55.6	55.5	22.5	40.6	49.5	47.6	50.5	57.7	51.8	39.7	28.5
65.9	63	60.3	55.9	55.5	54.6	25.1	46.1	57.2	56.1	52.8	57.4	51.5	41.8	29.9
63.6	62.7	59.8	53.5	52.4	51.7	21.7	36.7	46.2	50.6	52.5	58.3	52.6	41.7	29.3
66	64.4	60.7	54.8	54.6	54.2	21.5	37.6	47.3	51.3	54.7	60.4	53.5	42.8	31.6
65.9	62.9	60.8	56.4	55.7	54.5	23.4	38.6	52.1	60.3	53.8	58.6	52.3	41.7	32.3
64.2	62.2	59.6	55.5	54.6	53.3	20.9	38.2	46.1	51.1	52.7	58.4	52.1	41.7	29.2
76	65.3	60.1	51.5	51.1	49	24.5	49.2	62.1	67.5	64.6	66.1	59.2	54.5	43.3
61.2	60.1	57.2	48.8	48.5	45.7	22.5	44	44.5	51	50.4	54.3	48.7	41.4	32.8
64.7	62.1	56.7	52.1	51.5	51.2	23	38.1	46.2	51.6	53.3	57	52	47.7	39.4
65.5	62.2	58.5	54.6	53.6	50.9	24.4	43.5	50.7	51.1	53.1	58.2	51.9	45.6	39.8
62.9	62.5	60.6	59	58	57.2	20.5	36.8	43.7	49.2	52.1	60.3	51.6	40.4	30.1
75	74.2	69.6	65.5	65.2	65.1	30	44.6	48.4	54.8	61.2	69.3	66.9	56.6	44.1
75.5	74.1	72.5	68.4	67.1	65.4	29.4	46.8	55.5	60.6	65.1	70.5	67.2	59.3	50.1
73.5	71.3	66.3	61.8	61.3	60.3	32.1	53	58.6	60.9	60.8	65.7	62.4	57.8	50.8
74.1	73.1	70	62.3	59.7	59.1	26.5	43.7	62	57.5	61.6	68	65.2	54.8	43.4
73.6	71.4	69	64	63.7	62.2	28	43.2	50.5	57.5	62	68.1	64.6	56.2	45.1
74.5	73.4	71.1	63.1	60.7	59.1	27.9	41.3	49.2	56.1	61.7	69	66.2	55.9	44.1
75.9	75	72.7	68.1	67.5	67	19.2	36.6	48.1	56.2	59.7	69.2	65.6	54.2	42.1
58.5	55.2	53.5	49.1	48.2	47.5	21.6	33.7	39.8	43.9	47.1	51.6	49.8	44.1	34.4
57.6	53.4	51.6	44.6	44.3	43.7	17.6	31.2	38.6	40.9	47.2	54.1	47.1	39	28.6

Column1	Column2	Column3	Column4	Column5	Column6	Column7	Column8	Column9	Column10	Column11	Column12	Column13	Column14	Column15	Column16
Number	Start Date	Start Time	End Time	Duration	Meas Mode	Input Range	Input Type	SPL Time Weight	LN% Freq Weight	Overload	UnderRange	Sensitivity	LZeq	LCeq	LAeq
47	11/11/2022	2:42:00 PM	2:43:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	66.0	65.0	58.3
48	11/11/2022	2:43:00 PM	2:44:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	74.7	73.7	60.3
49	11/11/2022	2:44:00 PM	2:45:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	75.9	75.4	62.9
50	11/11/2022	2:45:00 PM	2:46:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	72.9	71.1	57.3
51	11/11/2022	2:46:00 PM	2:46:28 PM	00:00:28	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	70.2	68.2	59.1
52	11/11/2022	3:54:00 PM	3:55:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	77.9	77.6	74.3
53	11/11/2022	3:55:00 PM	3:56:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	80.0	79.7	75.6
54	11/11/2022	3:56:00 PM	3:57:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	81.2	80.9	75.4
55	11/11/2022	3:57:00 PM	3:58:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	83.5	83.2	75.7
56	11/11/2022	3:58:00 PM	3:59:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	79.7	79.3	75.8
57	11/11/2022	3:59:00 PM	4:00:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	78.9	78.6	74.7
58	11/11/2022	4:00:00 PM	4:00:14 PM	00:00:14	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	83.9	83.6	78.3
59	11/11/2022	4:03:59 PM	4:04:00 PM	00:00:01	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	72.9	72.5	70.9
60	11/11/2022	4:04:00 PM	4:05:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	79.9	79.6	77.2
61	11/11/2022	4:05:00 PM	4:06:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	76.3	76.0	74.0
62	11/11/2022	4:06:00 PM	4:07:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	77.5	77.2	75.3
63	11/11/2022	4:07:00 PM	4:08:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	79.9	79.5	77.0
64	11/11/2022	4:08:00 PM	4:09:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	73.6	73.3	70.5
65	11/11/2022	4:09:00 PM	4:10:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	81.6	81.2	77.0
66	11/11/2022	4:10:01 PM	4:10:07 PM	00:00:06	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	75.7	74.1	69.8
67	11/11/2022	5:13:22 PM	5:14:00 PM	00:00:38	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	71.1	70.4	67.3
68	11/11/2022	5:14:00 PM	5:15:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	75.1	74.8	72.4
69	11/11/2022	5:15:00 PM	5:16:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	72.0	71.6	68.3
70	11/11/2022	5:16:00 PM	5:17:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	59.9	56.6	51.3
71	11/11/2022	5:17:00 PM	5:18:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	68.0	67.0	63.5
72	11/11/2022	5:18:00 PM	5:19:00 PM	00:01:00	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	70.3	69.8	67.2
73	11/11/2022	5:19:01 PM	5:19:14 PM	00:00:13	Auto	Low	Mic	Slow	dBA	No	No	13.99mV/Pa	75.3	75.0	72.5

Column17	Column18	Column19	Column20	Column21	Column22	Column23	Column24	Column25	Column26	Column27	Column28	Column29	Column30	Column31	Column32
LZmax	LCmax	LAmx	LZmin	LCmin	LAmn	LZE	LCE	LAE	LZpeak	LCpeak	LApeak	0.01	0.02	0.05	0.08
72.5	71.7	67.3	57.7	55.7	46.7	83.8	82.8	76.1	86.0	84.6	81.8	67.2	66.9	65.4	64
84.1	83.6	66.7	59.9	58.1	43.9	92.5	91.5	78.1	95.7	95.7	81.2	66.6	66.4	65.6	65.2
85.9	85.6	68.5	59.7	57.9	47.6	93.7	93.2	80.7	94.3	94.0	81.7	68.4	68.2	67.6	67.1
81.0	80.6	65.0	64.9	63.5	49.0	90.7	88.9	75.1	90.1	87.8	84.9	64.9	64.4	62.9	61.5
74.9	71.8	64.3	63.9	61.7	53.3	84.7	82.7	73.6	88.0	85.1	77.1	64.3	64.3	64.1	63.7
84.1	83.8	78.7	64.6	63.8	57.7	95.7	95.4	92.1	96.3	95.7	91.3	78.6	78.6	78.4	78.1
91.0	90.8	83.7	63.9	63.1	57.2	97.8	97.5	93.4	103.2	102.9	97.3	83.3	82.8	80.8	78.5
92.5	92.4	81.3	70.8	70.3	68.1	99.0	98.7	93.2	103.3	103.0	93.7	81	80.1	78.8	78.1
96.0	95.7	84.7	65.2	64.7	58.1	101.3	101.0	93.5	106.6	105.8	97.3	84.4	84.1	82.3	80.5
88.3	87.2	83.5	67.4	66.8	58.2	97.5	97.1	93.6	100.3	100.3	96.9	83.3	82.7	80.2	78.7
86.0	85.6	79.9	70.9	70.5	67.8	96.7	96.4	92.5	98.6	98.4	94.2	79.8	79.7	79.4	78.6
88.1	87.8	80.1	80.4	80.1	75.8	95.4	95.1	89.8	100.5	99.7	92.6	80	80	79.9	79.7
74.2	73.9	72.4	73.5	73.2	71.7	72.9	72.5	70.9	84.9	84.7	82.7	114.6	114.6	72.4	72.3
86.2	85.9	81.9	72.9	72.6	70.9	97.7	97.4	95.0	99.7	99.4	96.6	81.7	81.5	80.9	80.4
82.6	82.3	79.6	63.4	62.3	48.9	94.1	93.8	91.8	95.7	96.1	93.7	79.5	79.1	78.6	78.1
82.7	82.3	80.8	63.2	62.3	50.0	95.3	95.0	93.1	95.2	95.4	93.9	80.2	80.1	79.8	79.5
88.4	87.6	84.1	74.0	73.6	70.4	97.7	97.3	94.8	101.4	100.1	97.4	83.8	83.1	80.8	80.4
80.3	80.1	78.5	66.4	65.7	57.1	91.4	91.1	88.3	95.9	95.4	91.8	78.4	78.2	76.5	74
87.1	86.8	80.4	73.4	73.1	67.0	99.4	99.0	94.8	98.0	97.1	93.6	80.3	80.1	79.7	79.3
77.3	74.9	71.6	74.6	73.0	66.6	83.5	81.9	77.6	88.1	87.8	83.8	71.6	71.6	71.5	71.4
82.7	82.5	79.5	58.7	55.2	47.2	86.9	86.2	83.1	99.3	96.8	94.5	79.2	78.6	76	72.9
87.3	86.9	84.2	57.7	53.8	45.2	92.9	92.6	90.2	102.8	102.0	99.7	84	83.8	80.1	78
86.5	86.2	83.0	56.5	52.1	42.8	89.8	89.4	86.1	102.5	101.8	100.1	82.4	80.9	75.8	71.6
65.9	65.0	61.4	56.9	52.2	43.7	77.7	74.4	69.1	79.3	79.4	75.7	60.9	60.4	58.8	57.3
81.6	80.6	77.3	57.4	53.4	45.3	85.8	84.8	81.3	95.8	95.0	92.5	76.8	75.7	71.4	67.6
84.0	83.6	81.0	56.8	52.4	41.1	88.1	87.6	85.0	97.7	97.2	93.9	80.6	79.6	75.5	68
82.9	82.7	79.9	64.2	63.4	59.5	86.4	86.1	83.6	97.1	97.4	94.6	79.9	79.9	79.3	78.5

Column33	Column34	Column35	Column36	Column37	Column38	Column40	Column41	Column42	Column43	Column44	Column45	Column46	Column47	Column48
0.1	0.25	0.5	0.9	0.95	0.99	31.5	63	125	250	500	1000	2000	4000	8000
63.9	55.4	52.4	48.5	47.9	46.9	19.6	34	43.8	44.9	49.9	56.1	50.7	43.4	31.5
64.8	62.8	56.8	46.1	44.5	44.2	26	43.8	54.8	50.8	51.3	56.2	51	42	31.9
66.9	65.5	60.1	48.8	48.1	47.8	23	43	58.1	53.6	54.1	59.6	53.4	44	32.7
60.5	58.3	55.9	51.3	50	49.3	30.1	42.4	46.8	46.8	49	53.7	50.9	42.5	32.8
63.3	60	56.6	54	53.5	53.4	27.2	37.7	43.2	49	51.6	56.3	51.3	43.7	34.8
77.9	75.8	74.4	64.1	59.2	58	24	43.6	56.2	59.7	63.7	72	68.7	57.2	43.7
78.3	77.7	71.1	61.7	60.7	57.6	23.9	44.6	57.8	65.3	66.6	72.9	69.5	58.9	46.6
77.6	76.3	74.9	70.2	69.1	68.2	27.3	44.6	61.9	64.3	65.3	72.7	69.1	58	44.5
79.6	76.6	71.6	61.8	60	58.3	25.6	52.7	63.7	62.4	67.1	73.1	69.4	58.7	46.2
78.5	77	74.6	61	59.1	58.3	25.3	44.8	57.7	61	68.4	73.2	69.2	58.5	45.5
78.1	75.6	73.4	70.4	69	68	25.1	45.5	57.4	61.3	65.5	72	69	57.6	44.6
79.5	79.1	78.2	77.1	76.9	76	29.1	50.8	63.7	65.1	70.3	75.7	71.4	60	47.1
72.3	72	71.8	71.7	71.7	71.7	22.5	38.6	47.1	51.7	57.4	68.9	65.8	52.5	36.8
80.3	78.4	76.4	72.1	71.5	71.1	26.9	46.9	55.6	58.5	66.9	75.1	71.7	60.5	47.6
78	76.6	73.4	51	50.2	49.1	22.3	41.2	52.7	55	63.6	71.6	68.8	57.8	44.2
79.3	78.2	72.4	51	50.3	50.1	25.9	43	51.9	55.7	65.9	73	69.5	59.2	46.7
80.1	78.1	75.6	73.5	72.8	70.7	28.5	45.8	54.5	60.7	68.5	74.7	70.8	59.8	46.8
73.6	72	67.4	58.1	57.4	57.2	20.4	38.2	51	55.4	60.9	67.6	65.4	56.4	48.2
79.1	78.2	76.4	73	71.9	68.5	29.8	50.4	59.1	59.2	68	74.7	70.7	60.1	47.3
71.2	70.1	68.8	67.2	66.8	66.6	27.6	44.2	49.4	50.7	57.6	67.4	65.1	51.7	37.1
71.1	61	54.8	50.2	48.7	47.5	20.9	34.9	47.4	53.3	57.6	65.6	59.4	49.8	37.8
76.6	69	57.3	48.9	48.1	46.5	23.4	38.3	50	58.3	62.9	70.8	64.5	53.2	41.7
69.1	54.9	48.1	44.8	44.3	43.1	19.7	34.1	47.5	56.5	61.4	66.3	59.2	50.6	42
56.7	50.3	47.9	44.9	44.4	43.9	14.4	21.5	33	37.3	43.6	46.9	41.5	46	35.9
65.4	55.5	50.4	46.5	46.1	45.5	18.8	31	43.3	50.5	56.7	61.2	55	47.3	38.9
65.4	51.1	47.1	43	42.3	41.3	18.6	37	42.2	51.3	58.5	66.1	57	47.4	38.7
78	73.8	67.3	60	59.7	59.5	21.7	38.6	50.4	59.1	63.2	71.2	63.1	52.9	41.9