

Appendix F

Noise Monitoring Survey



NOISE SURVEY RESULTS - ST-1

Summary

File Name on Meter LxT_Data.081
File Name on PC SLM_0004435_LxT_Data_081.01.ldbin
Serial Number 0004435
Model SoundTrack LxT®
Firmware Version 2.402
User J. Iyer
Location T-1: Southern Corner of N 11th Street and E Saint John Street
Job Description 488 E Saint John St Residential Development
Note

Measurement

Description
Start 2020-09-24 11:57:03
Stop 2020-09-24 12:12:13
Duration 00:15:09.6
Run Time 00:15:09.6
Pause 00:00:00.0

Pre Calibration 2020-09-15 12:40:30
Post Calibration None
Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
Peak Weight Z Weighting
Detector Slow
Preamp PRMLxT2B
Microphone Correction Off
Integration Method Exponential
Overload 142.6 dB

	A	C	Z
Under Range Peak	98.8	95.8	100.8 dB
Under Range Limit	37.2	36.8	43.5 dB
Noise Floor	28.1	27.7	34.4 dB

Results

LASeq 59.5
LASE 89.1
EAS 90.426 µPa²h
EAS8 2.863 mPa²h
EAS40 14.316 mPa²h
LZSpeak (max) 2020-09-24 12:06:52 100.1 dB
LASmax 2020-09-24 11:57:23 74.4 dB
LASmin 2020-09-24 12:11:33 45.7 dB
SEA -99.9 dB

LAS > 85.0 dB (Exceedance Counts / Duration) 0 0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration) 0 0.0 s
LZSpeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s
LZSpeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s
LZSpeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

LCSeq 72.3 dB
LASeq 59.5 dB
LCSeq - LASeq 12.8 dB
LAleq 61.5 dB
LAeq 59.5 dB
LAleq - LAeq 2.0 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	59.5					
LS(max)	74.4	2020/09/24 11:57:23				

LS(min)	45.7	2020/09/24 12:11:33				
LPeak(max)					100.1	2020/09/24 12:06:52

Overloads 0
 Overload Duration 0.0 s

Dose Settings

Dose Name	OSHA-1	OSHA-2
Exchange Rate	5	5 dB
Threshold	90	80 dB
Criterion Level	90	90 dB
Criterion Duration	8	8 h

Results

Dose	0.04	0.04 %
Projected Dose	1.14	1.14 %
TWA (Projected)	57.7	57.7 dB
TWA (t)	32.8	32.8 dB
Lep (t)	44.5	44.5 dB

Statistics

LAI1.67	68.2 dB
LAI8.33	64.3 dB
LAI16.67	61.2 dB
LAI33.33	57.3 dB
LAI66.60	52.1 dB
LAI90.00	48.7 dB

NOISE SURVEY RESULTS - ST-2

Summary

File Name on Meter LxT_Data.082
File Name on PC SLM_0004435_LxT_Data_082.00.ldbin
Serial Number 0004435
Model SoundTrack LxT®
Firmware Version 2.402
User J. Iyer
Location ST-2: Eastern Corner of E Saint John Street and N 10th Street
Job Description 488 E Saint John St Residential Development
Note

Measurement

Description
Start 2020-09-24 12:13:46
Stop 2020-09-24 12:28:56
Duration 00:15:10.1
Run Time 00:15:10.1
Pause 00:00:00.0

Pre Calibration 2020-09-15 12:40:30
Post Calibration None
Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
Peak Weight Z Weighting
Detector Slow
Preamp PRMLxT2B
Microphone Correction Off
Integration Method Exponential
Overload 142.6 dB

	A	C	Z
Under Range Peak	98.8	95.8	100.8 dB
Under Range Limit	37.2	36.8	43.5 dB
Noise Floor	28.1	27.7	34.4 dB

Results

LASeq 57.6
LASE 87.2
EAS 58.187 µPa²h
EAS8 1.841 mPa²h
EAS40 9.207 mPa²h
LZSpeak (max) 2020-09-24 12:15:32 94.1 dB
LASmax 2020-09-24 12:27:39 74.3 dB
LASmin 2020-09-24 12:28:31 42.8 dB
SEA -99.9 dB

LAS > 85.0 dB (Exceedance Counts / Duration) 0 0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration) 0 0.0 s
LZSpeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s
LZSpeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s
LZSpeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

LCSeq 66.6 dB
LASeq 57.6 dB
LCSeq - LASeq 9.0 dB
LAleq 60.3 dB
LAeq 57.6 dB
LAleq - LAeq 2.7 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	57.6					
LS(max)	74.3	2020/09/24 12:27:39				

LS(min)	42.8	2020/09/24 12:28:31			
LPeak(max)				94.1	2020/09/24 12:15:32

Overloads 0
 Overload Duration 0.0 s

Dose Settings

Dose Name	OSHA-1	OSHA-2
Exchange Rate	5	5 dB
Threshold	90	80 dB
Criterion Level	90	90 dB
Criterion Duration	8	8 h

Results

Dose	0.03	0.03 %
Projected Dose	0.80	0.80 %
TWA (Projected)	55.2	55.2 dB
TWA (t)	30.3	30.3 dB
Lep (t)	42.6	42.6 dB

Statistics

LAI1.67	66.6 dB
LAI8.33	60.6 dB
LAI16.67	58.0 dB
LAI33.33	54.5 dB
LAI66.60	49.0 dB
LAI90.00	45.6 dB

Summary

File Name on Meter	LxT_Data.087
File Name on PC	SLM_0004437_LxT_Data_087.00.ldbin
Serial Number	0004437
Model	SoundTrack LxT®
Firmware Version	2.403
User	C. Sanchez
Location	488 St. John Street, San Jose
Job Description	488 St. John Street, San Jose
Note	

Measurement

Description	
Start	2021-04-01 10:00:00
Stop	2021-04-02 12:00:00
Duration	26:00:00.0
Run Time	26:00:00.0
Pause	00:00:00.0
Pre Calibration	2021-04-01 08:20:20
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting		
Peak Weight	Z Weighting		
Detector	Slow		
Preamp	PRMLxT2B		
Microphone Correction	Off		
Integration Method	Linear		
Overload	142.4 dB		
	A	C	Z
Under Range Peak	98.6	95.6	100.6 dB
Under Range Limit	37.0	36.6	43.3 dB

Calibration History

Preamp	Date	dB re. 1V/Pa	6.3	8.0	10.0	12.5	16.0	20.0	25.0
PRMLxT2B	2021-04-01 08:20:20	-48.65	49.78	55.76	56.88	58.47	56.94	48.25	44.59
PRMLxT2B	2021-03-26 09:21:58	-48.66	45.27	60.64	51.10	61.89	61.35	61.80	52.59
PRMLxT2B	2021-03-26 07:56:00	-48.71	56.24	59.31	57.32	66.29	74.43	72.06	55.13
PRMLxT2B	2020-10-28 09:23:26	-48.74	52.50	50.81	47.39	39.32	48.42	48.40	48.40
PRMLxT2B	2020-09-15 11:08:27	-49.66	41.01	49.33	50.38	55.22	48.90	45.62	48.40
PRMLxT2B	2020-09-14 13:27:36	-49.64	64.06	43.67	43.90	39.26	48.16	44.01	41.45
PRMLxT2B	2020-08-28 08:35:09	-48.69	58.06	55.38	51.32	58.61	46.78	42.47	42.48
PRMLxT2B	2020-07-30 13:03:08	-48.68	50.22	58.29	51.01	52.42	39.51	41.99	38.04
PRMLxT2B	2020-07-24 09:51:56	-48.72	22.91	21.88	21.26	20.19	19.38	18.57	17.86
PRMLxT2B	2020-07-24 08:42:10	-48.67	50.21	55.93	47.42	37.51	43.09	42.33	40.76
PRMLxT2B	2020-07-08 07:36:21	-48.50	50.74	50.53	49.45	47.33	48.52	59.27	50.16

Noise Floor

27.9

27.5 34.2 dB

Results

LAeq		57.6	
LAE		107.3	
EA		5.963 mPa ² h	
EA8		1.835 mPa ² h	
EA40		9.174 mPa ² h	
LZpeak (max)	2021-04-01 20:27:26		117.6 dB
LASmax	2021-04-01 20:27:26		94.1 dB
LASmin	2021-04-01 10:00:10		38.7 dB
SEA		-99.9 dB	

LAS > 85.0 dB (Exceedance Counts / Duration)	3	9.2 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZpeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZpeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZpeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s

LCeq	68.1 dB
LAeq	57.6 dB
LCeq - LAeq	10.6 dB
LAlaq	61.1 dB
LAeq	57.6 dB
LAlaq - LAeq	3.5 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	57.6		68.1			
LS(max)	94.1	2021/04/01 20:27:26				
LS(min)	38.7	2021/04/01 10:00:10				
LPeak(max)					117.6	2021/04/01 20:27:26

Overloads

0

Overload Duration

0.0 s

Dose Settings

Dose Name	OSHA-1	OSHA-2
Exchange Rate	5	5 dB
Threshold	90	80 dB
Criterion Level	90	90 dB
Criterion Duration	8	8 h

Results

Dose	0.01	0.05 %
Projected Dose	0.00	0.02 %
TWA (Projected)	14.5	27.1 dB
TWA (t)	23.0	35.6 dB
Lep (t)	62.7	62.7 dB

Statistics

LAI2.00	65.2 dB
LAI8.00	60.7 dB
LAI25.00	54.6 dB
LAI50.00	49.5 dB
LAI66.60	47.1 dB
LAI90.00	43.2 dB

Calibration History

Preamp	Date	dB re. 1V/Pa	6.3	8.0	10.0	12.5	16.0	20.0	25.0
PRMLxT2B	2021-04-01 08:20:20	-48.65	49.78	55.76	56.88	58.47	56.94	48.25	44.59
PRMLxT2B	2021-03-26 09:21:58	-48.66	45.27	60.64	51.10	61.89	61.35	61.80	52.59
PRMLxT2B	2021-03-26 07:56:00	-48.71	56.24	59.31	57.32	66.29	74.43	72.06	55.13
PRMLxT2B	2020-10-28 09:23:26	-48.74	52.50	50.81	47.39	39.32	48.42	48.40	48.40
PRMLxT2B	2020-09-15 11:08:27	-49.66	41.01	49.33	50.38	55.22	48.90	45.62	48.40
PRMLxT2B	2020-09-14 13:27:36	-49.64	64.06	43.67	43.90	39.26	48.16	44.01	41.45
PRMLxT2B	2020-08-28 08:35:09	-48.69	58.06	55.38	51.32	58.61	46.78	42.47	42.48
PRMLxT2B	2020-07-30 13:03:08	-48.68	50.22	58.29	51.01	52.42	39.51	41.99	38.04
PRMLxT2B	2020-07-24 09:51:56	-48.72	22.91	21.88	21.26	20.19	19.38	18.57	17.86
PRMLxT2B	2020-07-24 08:42:10	-48.67	50.21	55.93	47.42	37.51	43.09	42.33	40.76
PRMLxT2B	2020-07-08 07:36:21	-48.50	50.74	50.53	49.45	47.33	48.52	59.27	50.16

Calibration History

Preamp	31.5	40.0	50.0	63.0	80.0	100	125	160	200	250	315	400	500	630	800
PRMLxT2B	51.29	63.00	55.74	53.23	56.31	61.38	54.56	46.70	49.99	50.93	45.50	45.07	48.58	40.71	36.82
PRMLxT2B	64.55	59.42	53.50	64.81	58.56	57.60	62.77	56.26	53.92	50.21	51.31	50.17	48.23	45.32	37.14
PRMLxT2B	60.97	62.32	59.50	59.28	61.86	64.22	58.78	57.21	52.91	53.92	49.11	50.78	51.06	44.91	38.39
PRMLxT2B	48.98	46.98	49.49	51.42	52.92	49.03	44.82	49.53	48.82	47.84	43.60	45.85	45.02	35.67	32.60
PRMLxT2B	54.48	48.34	51.51	51.17	53.22	53.92	51.91	55.35	49.97	49.21	42.30	36.91	32.85	31.50	30.70
PRMLxT2B	52.38	39.41	34.12	41.40	33.66	38.76	37.77	40.65	33.17	35.98	33.29	32.28	27.44	25.91	29.30
PRMLxT2B	38.31	41.51	47.83	49.17	37.48	34.87	30.47	28.06	28.23	26.63	27.19	29.07	25.32	23.76	30.15
PRMLxT2B	39.93	38.21	35.71	43.00	31.70	32.82	28.03	31.81	39.82	28.71	27.69	28.11	27.80	24.11	29.89
PRMLxT2B	66.40	58.24	62.29	64.87	55.80	56.39	55.92	57.99	57.00	48.90	51.71	47.77	46.07	43.51	36.55
PRMLxT2B	36.61	37.79	43.67	39.31	30.12	33.33	31.46	28.37	25.94	30.00	28.14	27.88	27.03	24.93	29.53
PRMLxT2B	50.08	40.42	50.02	45.15	42.08	43.09	42.99	35.67	33.13	32.94	31.56	31.36	28.32	25.66	29.86

Calibration History

Preamp	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000	12500	16000	20000
PRMLxT2B	114.00	48.89	27.71	64.61	29.16	61.64	32.39	34.60	33.19	34.12	35.24	36.94	37.61	39.55
PRMLxT2B	114.03	48.90	27.64	64.56	29.52	61.82	32.01	33.71	33.40	34.34	35.47	36.67	37.65	39.47
PRMLxT2B	114.02	48.84	27.37	64.68	29.24	61.77	32.42	34.08	33.34	34.14	35.59	36.56	37.45	39.45
PRMLxT2B	114.90	49.91	27.50	64.95	30.78	62.86	34.20	34.51	34.48	35.43	36.45	37.40	38.56	40.49
PRMLxT2B	113.97	49.02	27.21	64.51	30.05	61.69	32.92	35.36	34.56	35.05	36.40	37.92	38.80	40.29
PRMLxT2B	113.03	47.95	28.02	63.42	29.01	60.71	32.98	33.90	33.56	34.40	35.35	36.64	37.98	39.58
PRMLxT2B	113.97	48.97	26.72	64.48	29.20	61.67	31.93	33.46	33.27	34.21	35.74	36.75	38.02	39.64
PRMLxT2B	114.02	48.81	27.84	64.58	28.87	61.77	32.31	33.57	33.19	34.39	35.41	36.60	37.80	39.47
PRMLxT2B	113.94	48.81	27.75	64.52	29.76	61.67	33.40	34.62	34.03	34.60	42.71	44.65	44.34	45.14
PRMLxT2B	113.81	48.77	26.97	64.25	29.40	61.45	31.55	34.02	33.42	33.85	35.35	36.01	37.51	39.37
PRMLxT2B	113.98	48.99	27.67	64.09	28.82	59.54	30.89	34.36	33.02	34.12	34.96	36.39	37.42	39.21