

Summary

Filename LxT_Data.042
Serial Number 2656
Model SoundTrack LxT®
Firmware Version 2.112
User
Location
Job Description
Note
Measurement Description
Start 2013/09/13 14:35:02
Stop 2013/09/13 14:47:24
Duration 0:00:44.3
Run Time 0:00:44.3
Pause 0:00:00.0

Pre Calibration 2013/09/13 14:24:33
Post Calibration None
Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
Peak Weight A Weighting
Detector Impulse
Preamp PRMLxT1
Microphone Correction Off
Integration Method Exponential
Overload 184.0 dB

	A	C	Z
Under Range Peak	140.2	137.2	142.2 dB
Under Range Limit	57.1	55.1	63.1 dB
Noise Floor	44.5	45.0	52.3 dB

Results

L_Aeq 122.7 dB
L_AIE 139.1 dB
E_AI 9.133 Pa²h
E_AI₈ 5937.536 Pa²h
E_AI₄₀ 29687.678 Pa²h
L_Apeak (max) 2013/09/13 14:40:01 158.1 dB
L_AI_{max} 2013/09/13 14:40:01 134.8 dB
L_AI_{min} 2013/09/13 14:40:48 68.0 dB
SEA 171.0 dB

L _A I > 85.0 dB (Exceedence Counts / Duration)	13	34.7 s
L _A I > 115.0 dB (Exceedence Counts / Duration)	3	9.1 s
L _A peak > 135.0 dB (Exceedence Counts / Duration)	3	2.6 s
L _A peak > 137.0 dB (Exceedence Counts / Duration)	3	2.6 s
L _A peak > 140.0 dB (Exceedence Counts / Duration)	3	2.6 s

LCleq	126.7 dB
LAleq	122.7 dB
LCleq - LAleq	4.0 dB
LAleq	122.7 dB
LAeq	108.2 dB
LAleq - LAeq	14.4 dB
# Overloads	0
Overload Duration	0.0 s

Dose Settings

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

Results

Dose	7.17	7.18 %
Projected Dose	4659.8	4668.5 %
TWA (Projected)	117.7	117.7 dB
TWA (t)	71.0	71.0 dB
Lep (t)	94.6	94.6 dB

Statistics

LAI5.00	131.5 dB
LAI10.00	127.7 dB
LAI33.30	97.9 dB
LAI50.00	95.1 dB
LAI66.60	90.3 dB
LAI90.00	68.4 dB

Calibration History

Preamp	Date	dB re. 1V/Pa	6.3
Direct	2012/06/23 13:10:44	-90.4	
Direct	2012/06/23 13:10:18	-90.4	
PRMLxT1	2013/09/13 14:24:25	-90.2	
PRMLxT1	2013/09/13 14:23:47	-90.3	
PRMLxT1	2013/07/23 18:04:09	-90.3	
PRMLxT1	2013/07/22 17:33:52	-90.3	
PRMLxT1	2013/06/30 18:33:22	-90.3	
PRMLxT1	2013/06/30 6:13:06	-90.3	
PRMLxT1	2013/06/30 6:12:48	-90.3	
PRMLxT1	2013/02/23 1:41:55	-90.4	
PRMLxT1	2013/02/23 1:41:27	-90.4	
PRMLxT1	2013/02/21 22:00:51	-90.4	
PRMLxT1	2012/12/02 4:12:45	-90.3	
Direct	2010/06/03 20:30:43	-381.4	
Direct	2010/05/17 0:33:36	-326.5	
Direct	2010/05/17 0:20:20	-271.0	

Direct
Direct
Direct

2010/05/17 0:15:57 -215.5
2010/05/17 0:14:02 -160.1
2010/05/17 0:13:41 -104.6

Record #	Date	Time	Duration	Run Time	Pause	LAleq	LAIE	LAlmin	LAlmin Time	LAlmax
No Silencer										
1	2013/09/13	14:39:58	00:00:04.8	00:00:04.8	00:00:00.0	128.0	134.8	68.0	14:40:01	134.8
2	2013/09/13	14:40:04	00:00:03.4	00:00:03.4	00:00:00.0	129.7	135.0	120.3	14:40:06	134.7
Average										
With Peacemaker Silencer										
3	2013/09/13	14:40:48	00:00:04.1	00:00:04.1	00:00:00.0	96.5	102.7	68.0	14:40:48	102.4
4	2013/09/13	14:40:53	00:00:03.3	00:00:03.3	00:00:00.0	94.8	100.0	87.6	14:40:55	99.3
5	2013/09/13	14:40:57	00:00:02.4	00:00:02.4	00:00:00.0	94.4	98.2	88.4	14:40:59	98.5
6	2013/09/13	14:41:01	00:00:01.8	00:00:01.8	00:00:00.0	96.1	98.7	89.9	14:41:02	99.3
7	2013/09/13	14:41:04	00:00:02.4	00:00:02.4	00:00:00.0	94.3	98.1	88.7	14:41:05	98.3
8	2013/09/13	14:41:07	00:00:02.4	00:00:02.4	00:00:00.0	94.2	98.0	87.9	14:41:09	98.6
9	2013/09/13	14:41:11	00:00:02.8	00:00:02.8	00:00:00.0	94.7	99.1	88.2	14:41:12	98.8
10	2013/09/13	14:41:15	00:00:02.4	00:00:02.4	00:00:00.0	95.1	98.9	88.4	14:41:16	98.8
Average suppressed shot										
Average suppressed decibel reduction										
Have no idea what these are, would have to see video										
11	1970/01/01	00:00:00	00:00:00.0	00:00:00.0	00:00:00.0	-99.9	-99.9	-99.9	00:00:00	-99.9
12	2013/09/13	14:47:20	00:00:04.0	00:00:04.0	00:00:00.0	127.0	133.1	123.2	14:47:24	130.0

LAlmax Time	LApeak (max)	LApeak (max) Time	SPL 1 Count	Duration	SPL 2 Count	Duration
14:40:01	158.1	14:40:01	1	1.7	1	1.7
14:40:06	157.6	14:40:06	1	3.4	1	3.4
	157.85					
14:40:50	121.3	14:40:50	1	1.9	0	0.0
14:40:55	118.2	14:40:55	1	3.3	0	0.0
14:40:59	116.8	14:40:59	1	2.4	0	0.0
14:41:02	118.3	14:41:02	1	1.8	0	0.0
14:41:05	117.9	14:41:05	1	2.4	0	0.0
14:41:09	117.6	14:41:09	1	2.4	0	0.0
14:41:12	118.2	14:41:12	1	2.8	0	0.0
14:41:16	119.8	14:41:16	1	2.4	0	0.0
	118.51 db					
	39.34 db reduction					
00:00:00	-99.9	23:59:59	0	0.0	0	0.0
14:47:20	154.3	14:47:22	1	4.0	1	4.0

Peak 1 Count	Duration	Peak 2 Count	Duration	Peak 3 Count	Duration	TWA(Projected) 0
0	0.0	0	0.0	0	0.0	93.2
0	0.0	0	0.0	0	0.0	91.2
1	0.9	1	0.9	1	0.9	124.8
1	1.0	1	1.0	1	1.0	128.9
0	0.0	0	0.0	0	0.0	94.2
0	0.0	0	0.0	0	0.0	93.5
0	0.0	0	0.0	0	0.0	93.1
0	0.0	0	0.0	0	0.0	95.7
0	0.0	0	0.0	0	0.0	93.2
0	0.0	0	0.0	0	0.0	92.6
0	0.0	0	0.0	0	0.0	93.5
0	0.0	0	0.0	0	0.0	94.0
0	0.0	0	0.0	0	0.0	-99.9
1	0.7	1	0.7	1	0.7	126.9

TWA(Projected) 1	LAI5.00	LAI10.00	LAI33.30	LAI50.00	LAI66.60	LAI90.00	SEA	LCleq	LAleq	LCleq - LAleq
93.5	101.5	100.4	95.2	91.5	70.6	68.3	135.3	94.4	95.4	-1.0
92.1	98.7	98.2	96.2	83.4	82.0	79.9	127.3	92.8	93.8	-1.0
124.8	134.1	133.4	130.1	73.1	70.8	68.3	167.6	127.2	128.0	-0.7
128.9	134.2	133.7	131.3	125.4	123.7	121.3	166.1	129.0	129.7	-0.7
94.2	101.9	101.3	98.4	68.4	68.3	68.2	135.9	95.5	96.5	-1.0
94.2	98.9	98.4	96.1	92.5	90.9	88.6	-99.9	93.7	94.8	-1.0
94.0	98.2	97.8	96.2	91.9	90.8	89.1	-99.9	93.5	94.4	-1.0
95.7	99.1	98.8	97.6	96.7	91.7	90.4	-99.9	95.0	96.1	-1.1
93.9	97.9	97.5	95.9	92.3	91.1	89.4	-99.9	93.2	94.3	-1.1
93.7	98.2	97.9	96.3	91.5	90.3	88.6	-99.9	93.1	94.2	-1.1
94.2	98.4	98.0	96.1	92.3	91.0	89.0	-99.9	93.6	94.7	-1.1
94.7	98.4	98.1	96.5	95.2	90.7	89.0	-99.9	94.0	95.1	-1.2
-99.9	-99.9	-99.9	-99.9	-99.9	-99.9	-99.9	-99.9	-99.9	-99.9	0.0
126.9	129.4	129.1	127.7	126.7	125.7	124.3	164.3	135.8	127.0	8.8

LALeq	LAeq	LALeq-LAeq	# Overloads	Duration
95.4	80.9	14.5	0	0.0
93.8	81.3	12.5	0	0.0
128.0	114.4	13.6	0	0.0
129.7	115.7	14.0	0	0.0
96.5	83.4	13.2	0	0.0
94.8	81.3	13.4	0	0.0
94.4	81.9	12.5	0	0.0
96.1	83.9	12.2	0	0.0
94.3	81.6	12.7	0	0.0
94.2	81.9	12.3	0	0.0
94.7	81.5	13.2	0	0.0
95.1	82.1	13.0	0	0.0
-99.9	-99.9	0.0	0	0.0
127.0	109.6	17.4	0	0.0