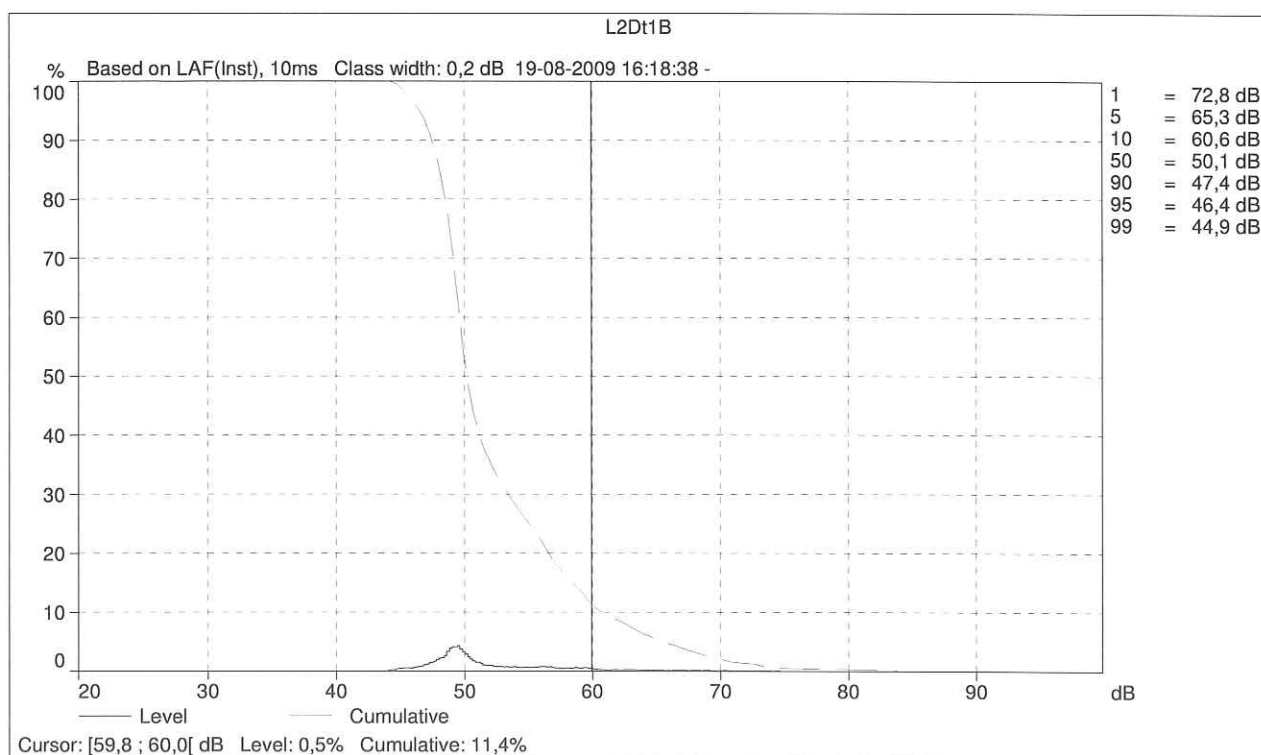
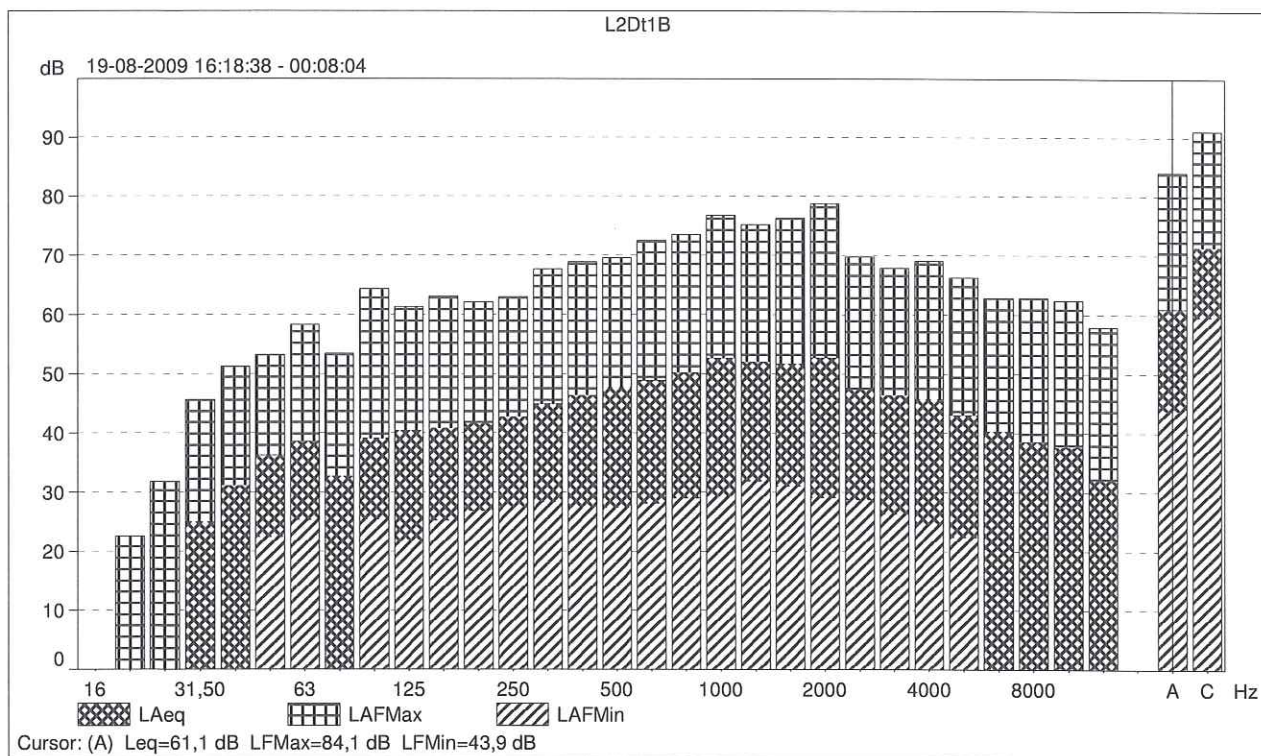






L1Dt2A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		13-08-2009 14:15:33
End Time:		13-08-2009 14:30:40
Elapsed Time:		0:15:07
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		19,9-99,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		12-08-2009 23:48:46
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

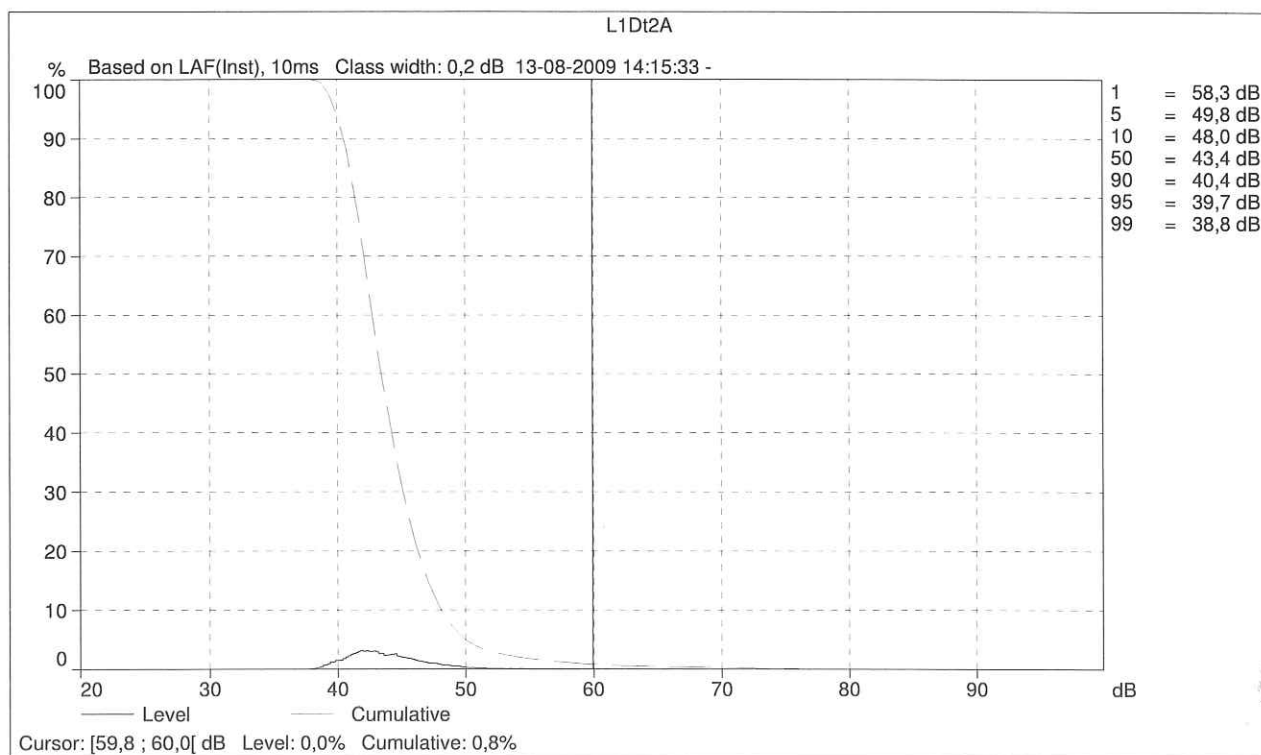
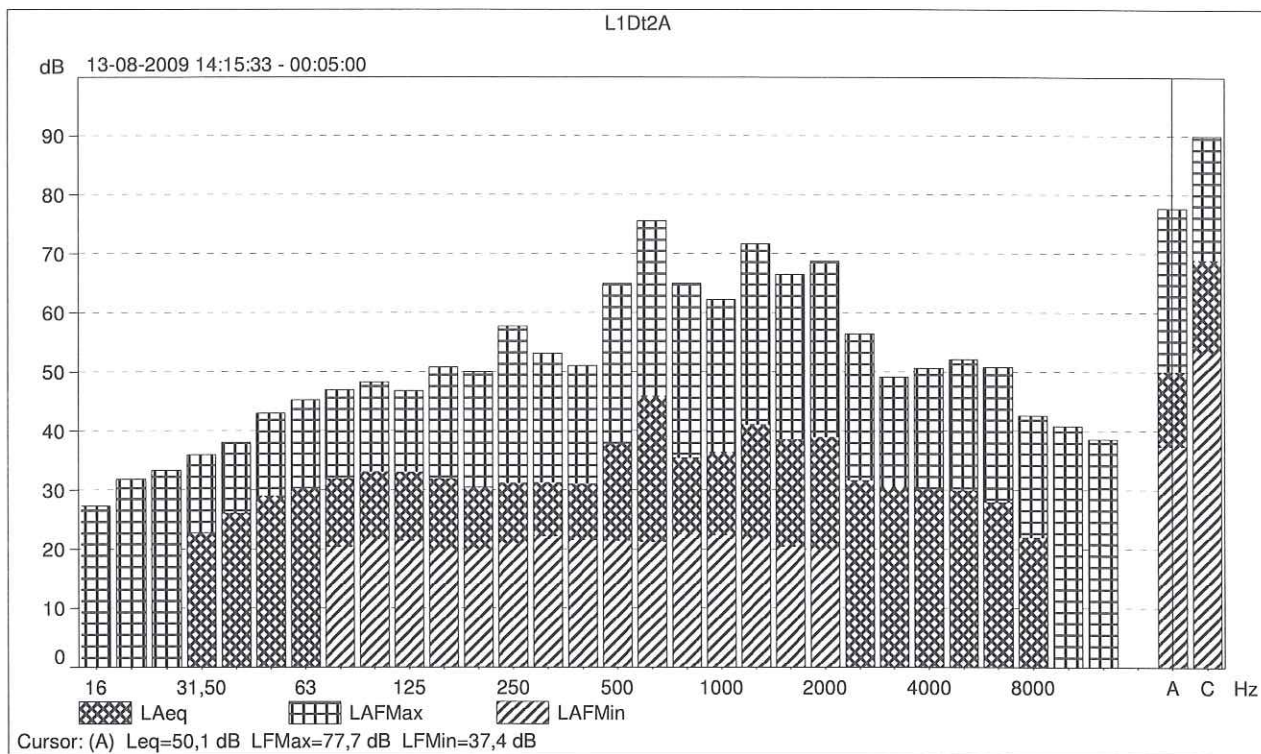
L1Dt2A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	50,1	58,1	77,7	99,4	29,0	30,3
Time	14:15:33	0:15:07							
Date	13-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	32,0	33,2	33,1	31,9	30,5	31,2	31,3	31,1
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	37,8	45,9	35,5	36,4	41,1	38,6	39,0	31,7
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	30,5	30,1	30,0	28,0	22,0	---	---
Time							
Date							





L1Dt2B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		13-08-2009 14:31:02
End Time:		13-08-2009 14:46:04
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		19,9-99,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		12-08-2009 23:48:46
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

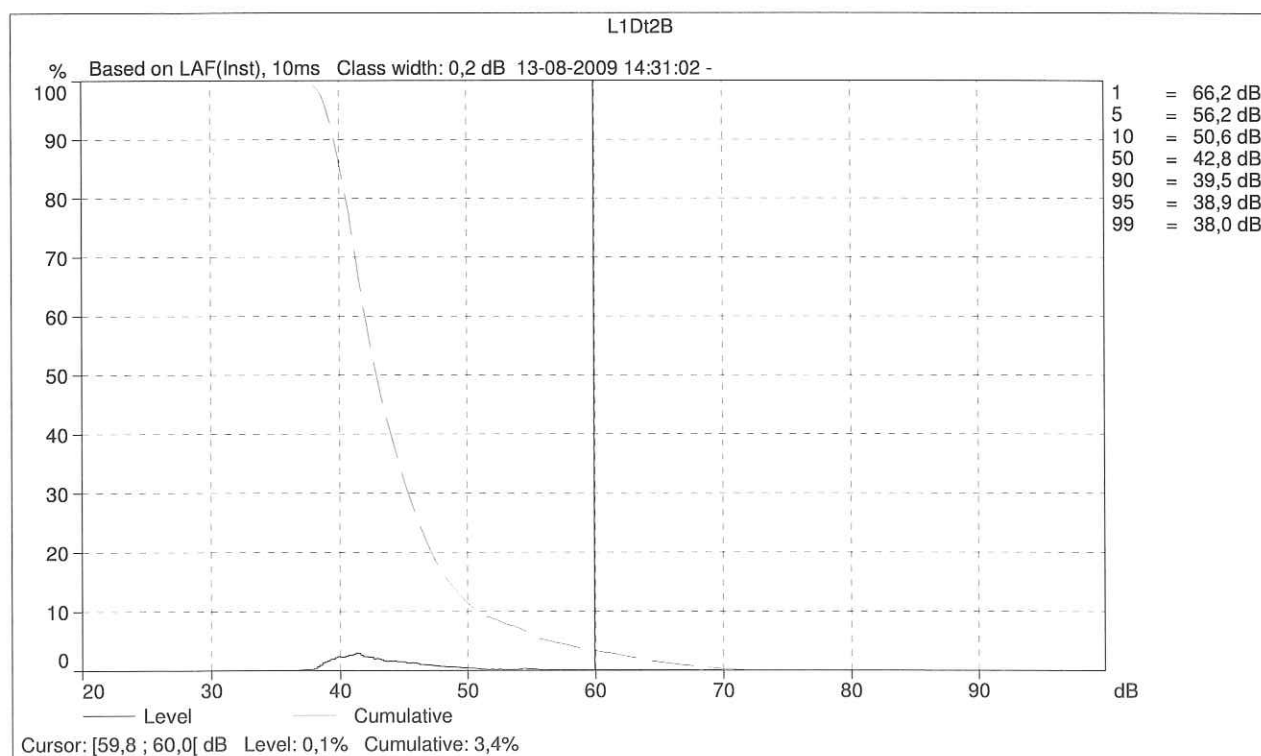
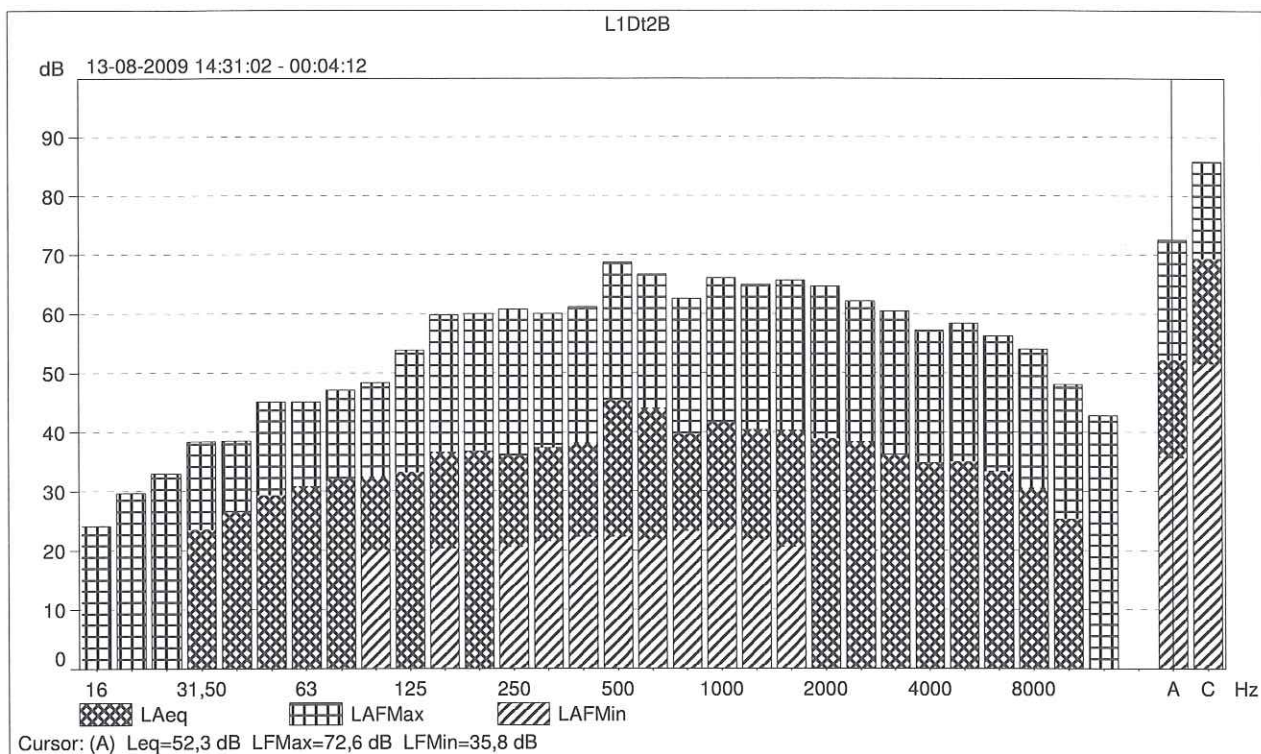
L1Dt2B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAI _m [dB]	LAF _{Max} [dB]	LC _{pk} (MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	52,3	56,2	72,6	95,3	29,4	30,9
Time	14:31:02	0:15:02							
Date	13-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	32,2	32,5	33,3	36,6	36,8	36,1	37,4	38,2
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	45,4	44,1	39,6	41,7	40,5	40,4	39,0	38,4
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	36,2	34,9	35,0	33,5	30,6	25,3	---
Time							
Date							





L2Dt2B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		19-08-2009 15:22:07
End Time:		19-08-2009 15:37:58
Elapsed Time:		0:15:51
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

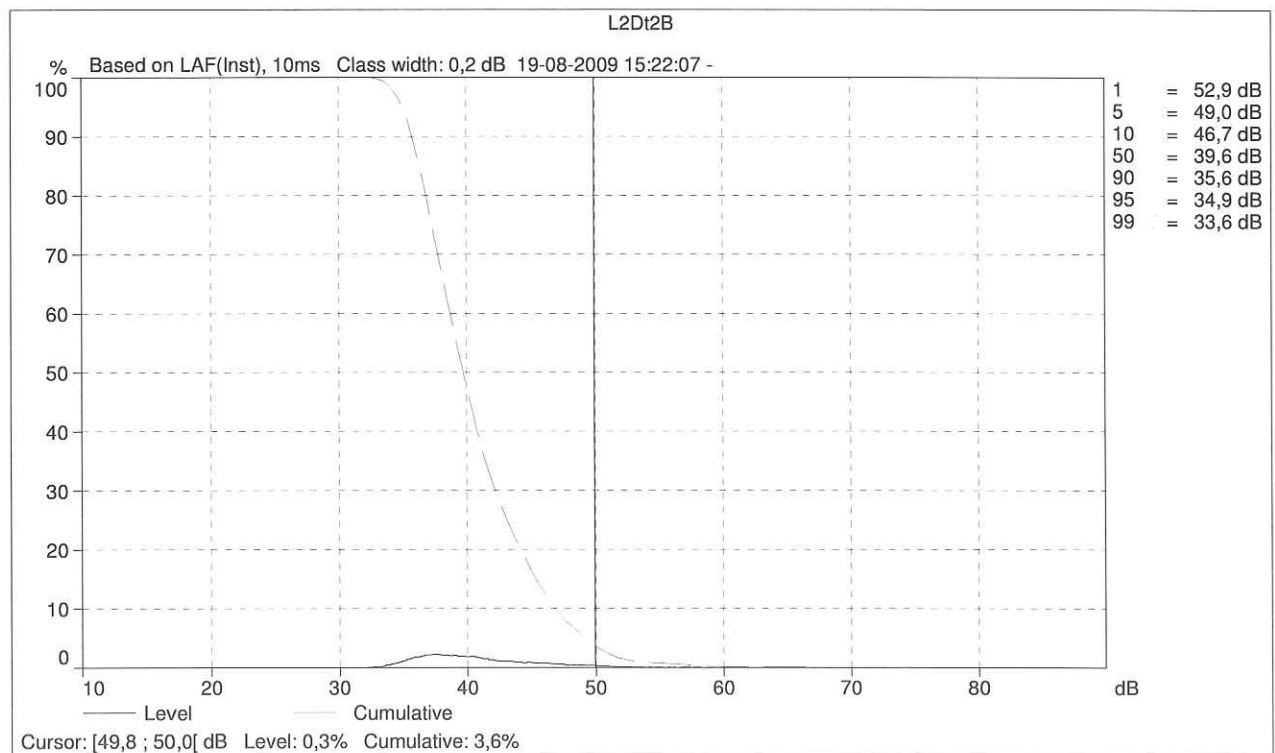
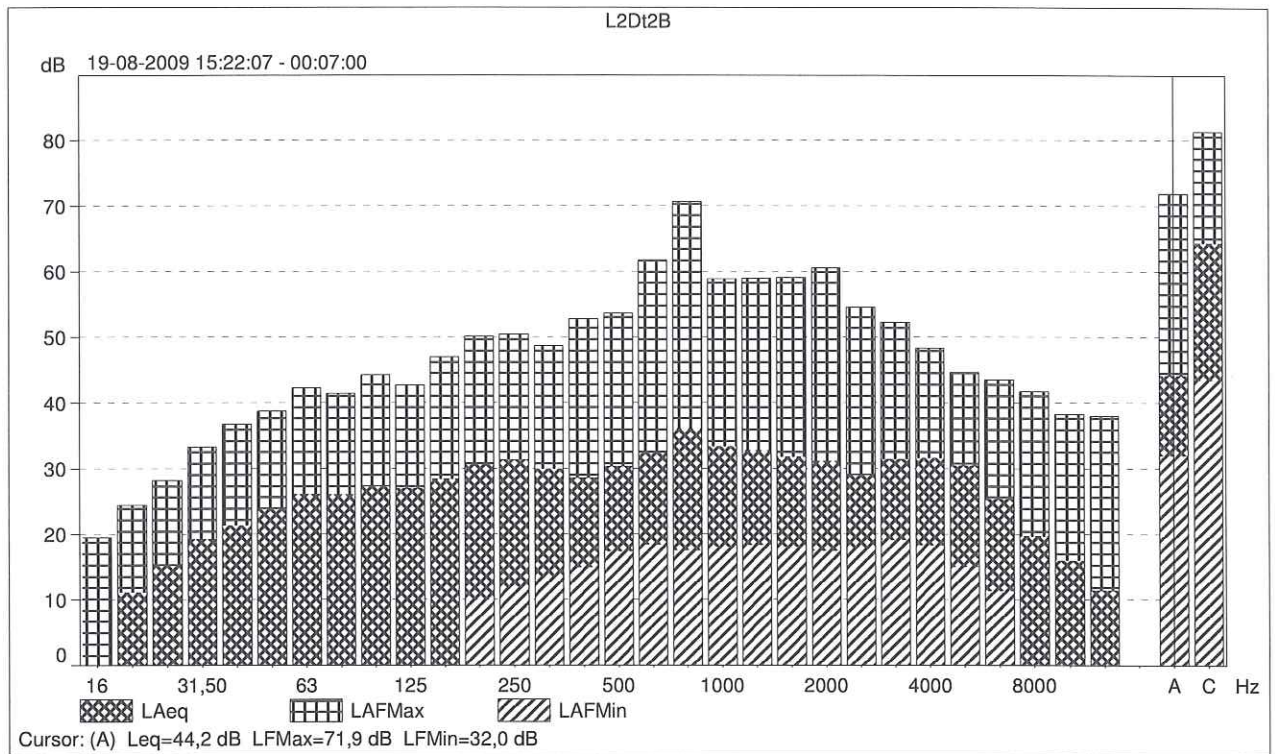
L2Dt2B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	44,2	50,5	71,9	89,2	23,9	26,1
Time	15:22:07	0:15:51							
Date	19-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	26,0	27,3	27,0	28,4	30,6	31,4	30,0	28,6
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	30,4	32,4	36,1	33,4	32,8	31,8	31,2	29,0
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	31,5	31,6	30,5	25,4	19,8	16,0	11,5
Time							
Date							



L2Dt2C

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		19-08-2009 15:41:58
End Time:		19-08-2009 15:57:00
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

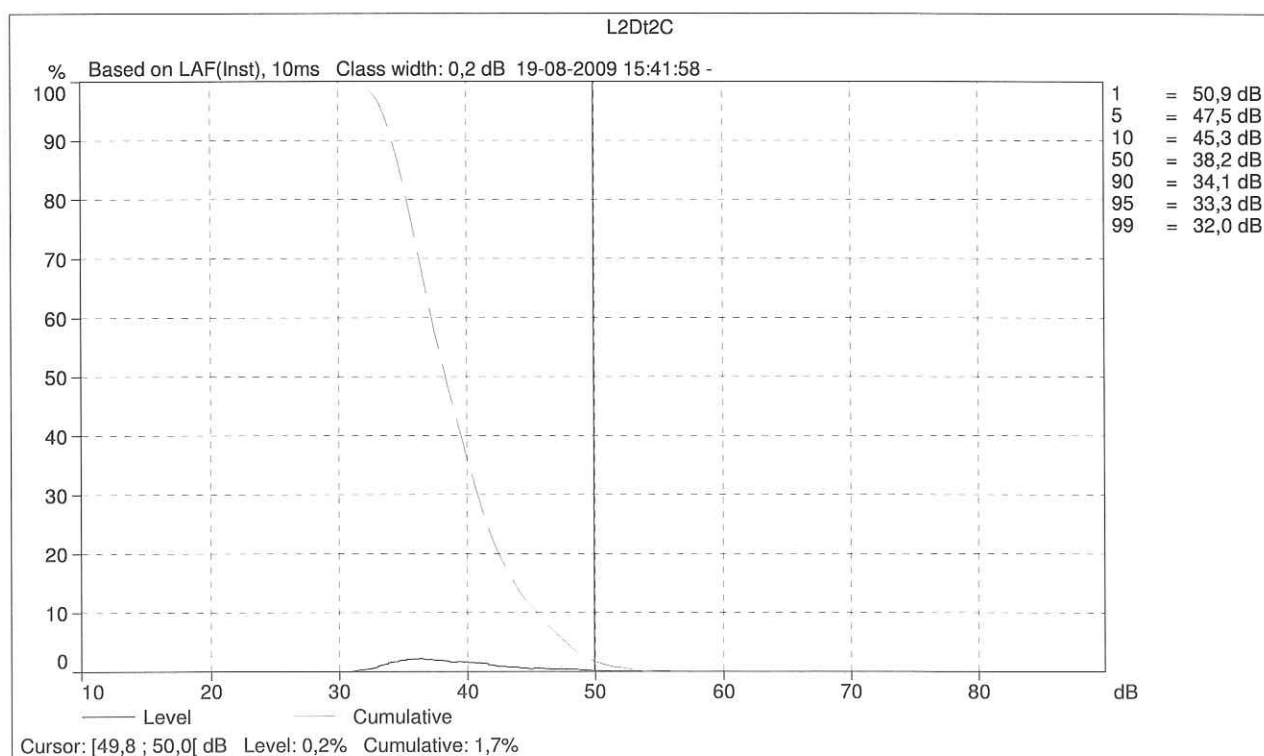
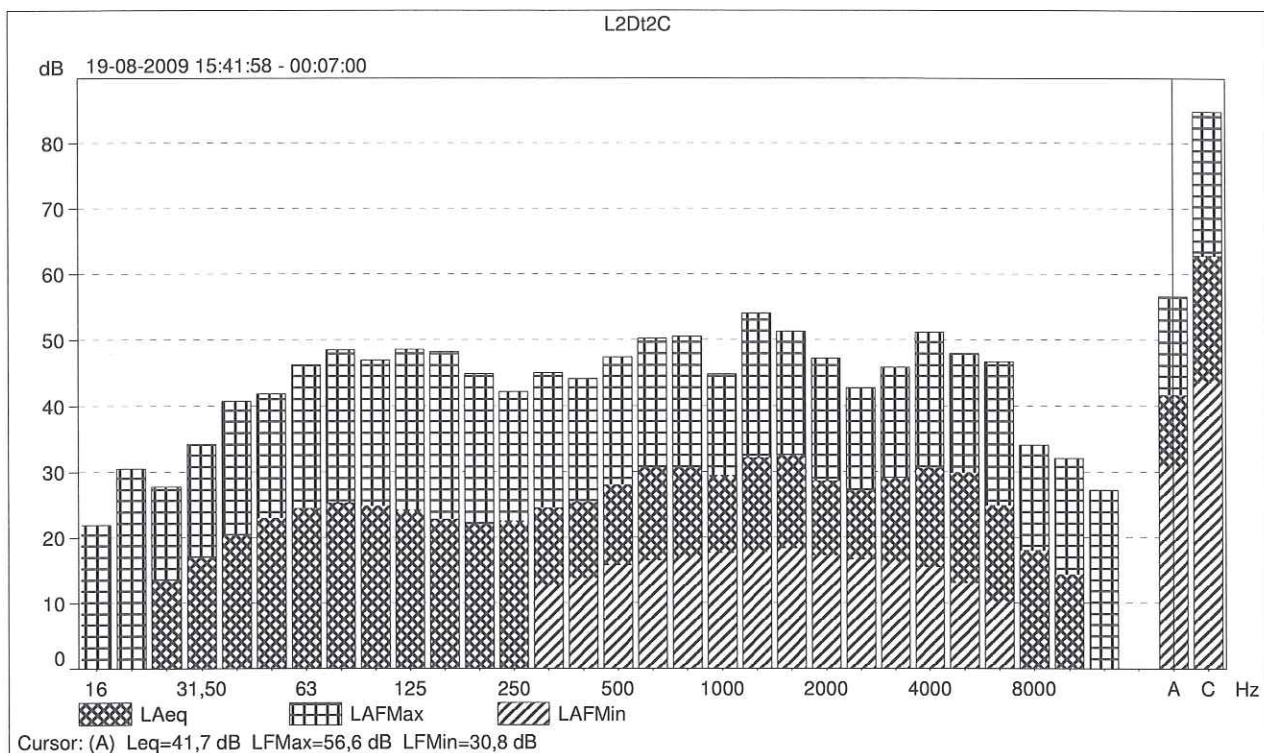
L2Dt2C

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	41,7	45,8	56,6	92,9	23,0	24,5
Time	15:41:58	0:15:02							
Date	19-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	25,3	24,8	24,2	22,9	22,1	22,6	24,5	25,4
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	28,0	30,7	30,7	29,4	32,1	32,5	28,6	27,1
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	29,2	30,6	29,9	25,0	18,1	14,4	---
Time							
Date							



L1Dt3A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		17-08-2009 15:03:40
End Time:		17-08-2009 15:18:51
Elapsed Time:		0:15:11
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		17-08-2009 11:35:52
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

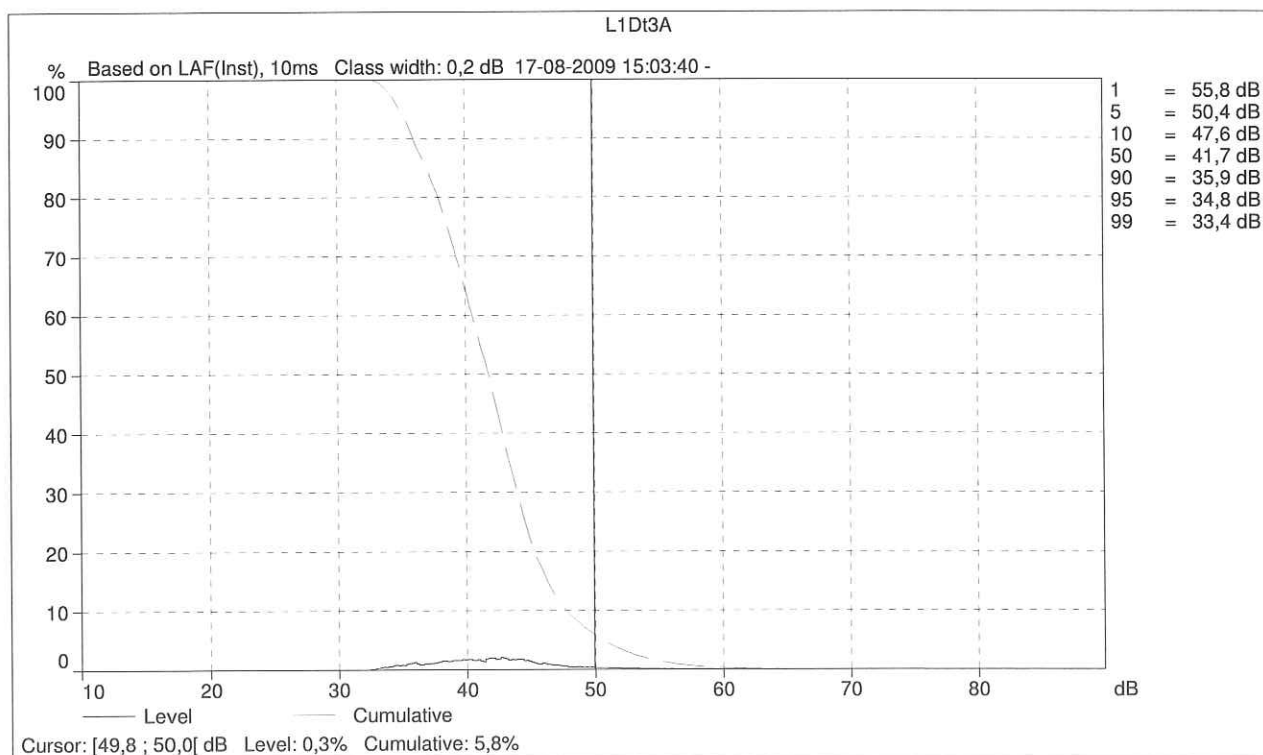
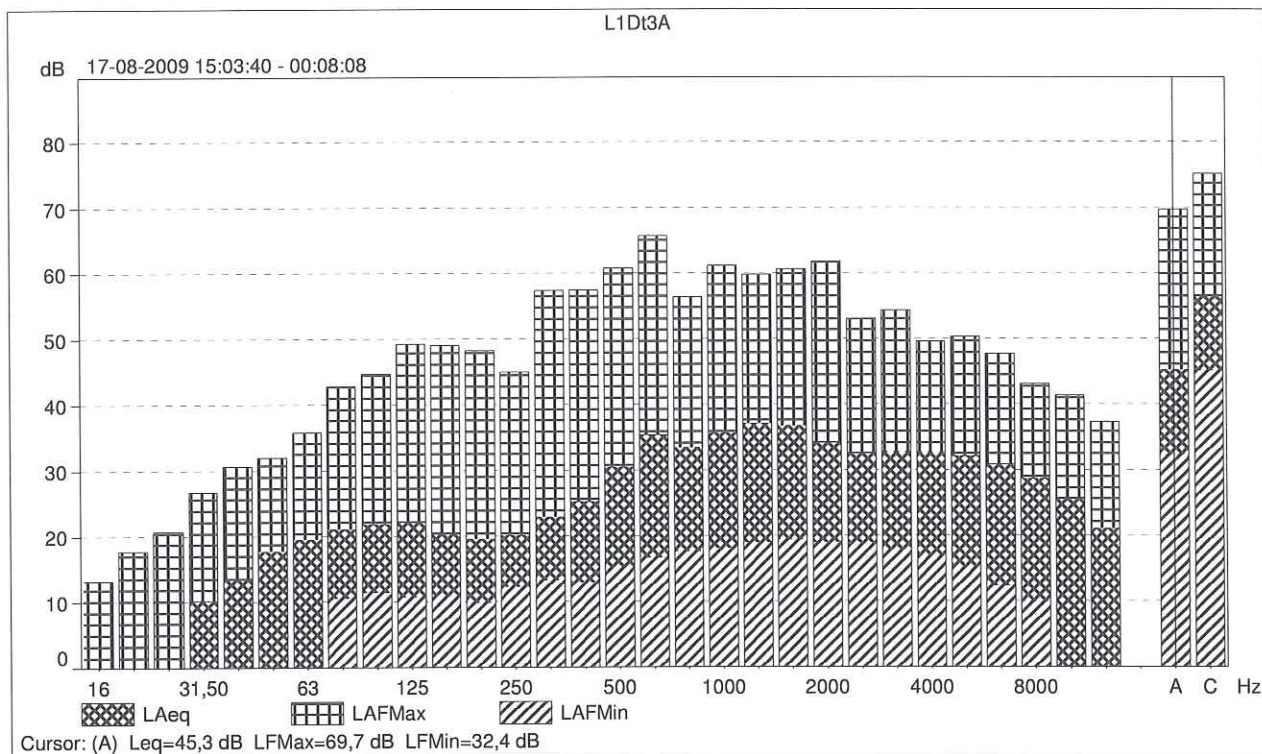
L1Dt3A

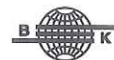
	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAI _m [dB]	LAF _{Max} [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	45,3	52,7	69,7	90,0	17,7	19,6
Time	15:03:40	0:15:11							
Date	17-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	21,1	21,8	22,2	20,3	19,6	20,2	23,0	25,3
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	30,5	35,4	33,4	35,6	37,1	36,8	34,1	32,5
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	32,8	32,7	32,2	30,9	28,7	25,5	21,1
Time							
Date							





L1Dt3B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		17-08-2009 15:19:14
End Time:		17-08-2009 15:37:09
Elapsed Time:		0:17:55
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		17-08-2009 11:35:52
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

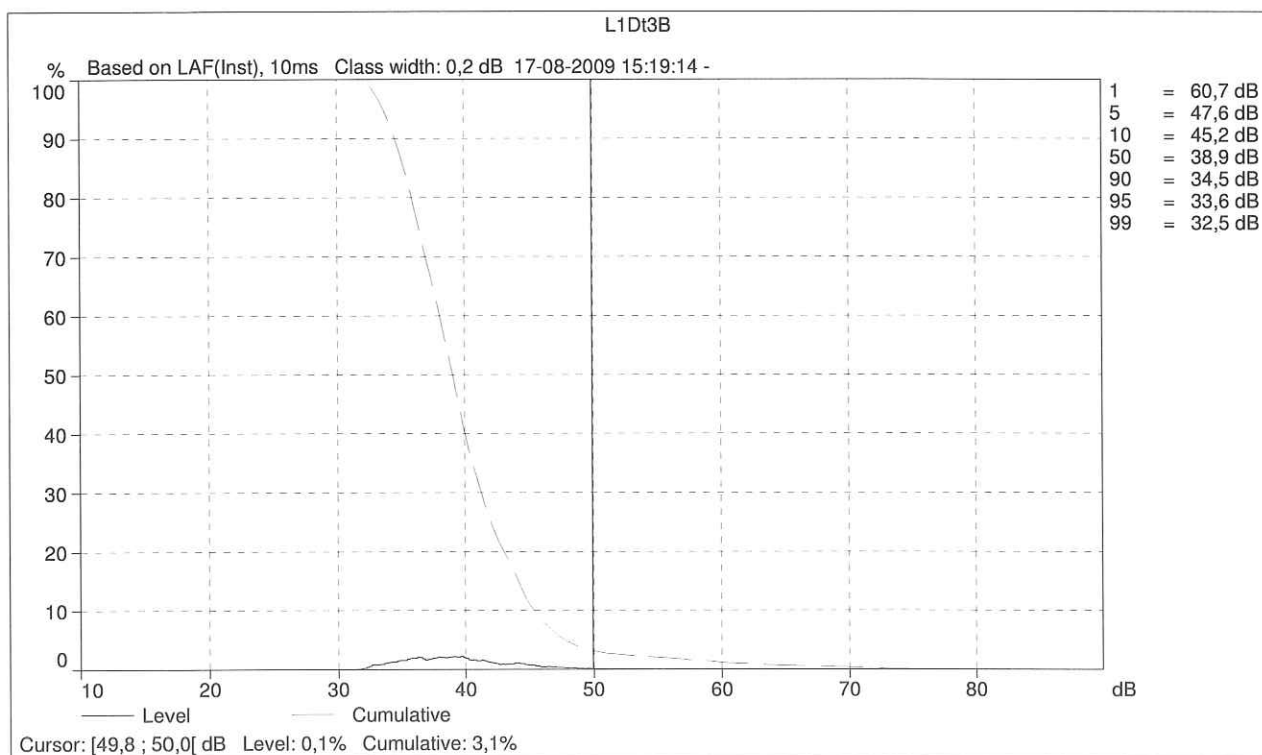
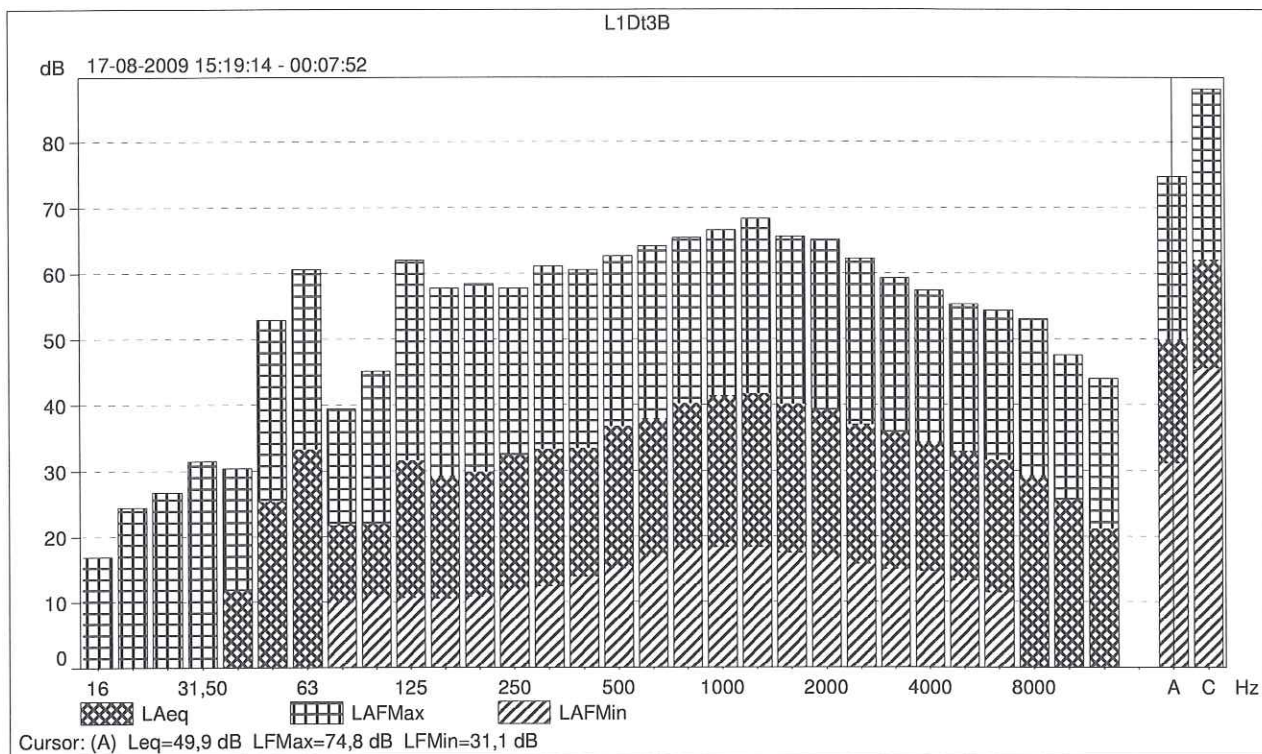
L1Dt3B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	49,9	52,5	74,8	92,9	25,3	33,3
Time	15:19:14	0:17:55							
Date	17-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	21,8	21,9	31,6	29,2	29,9	32,4	33,3	33,4
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	36,8	37,9	40,2	41,4	41,7	40,2	39,3	37,1
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	35,9	34,3	32,9	31,6	29,3	25,7	21,2
Time							
Date							



L2Dt3A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		20-08-2009 16:15:50
End Time:		20-08-2009 16:31:40
Elapsed Time:		0:15:50
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		19,9-99,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

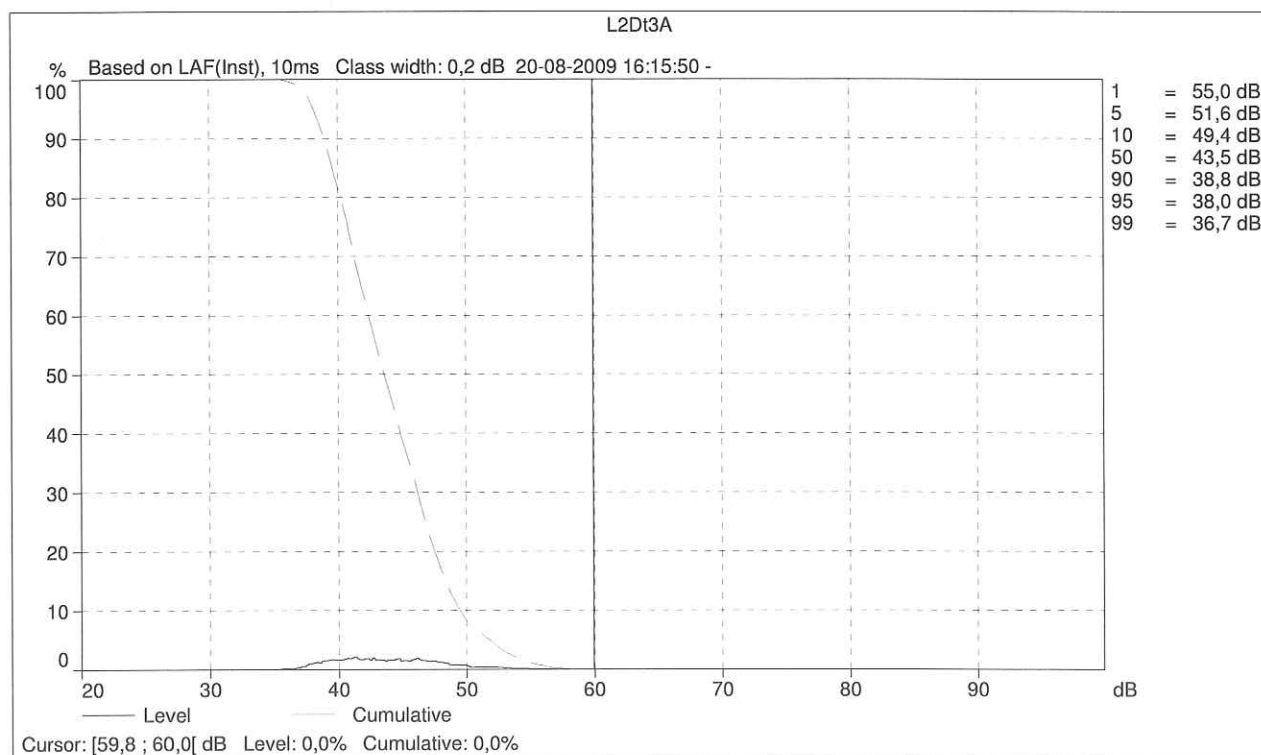
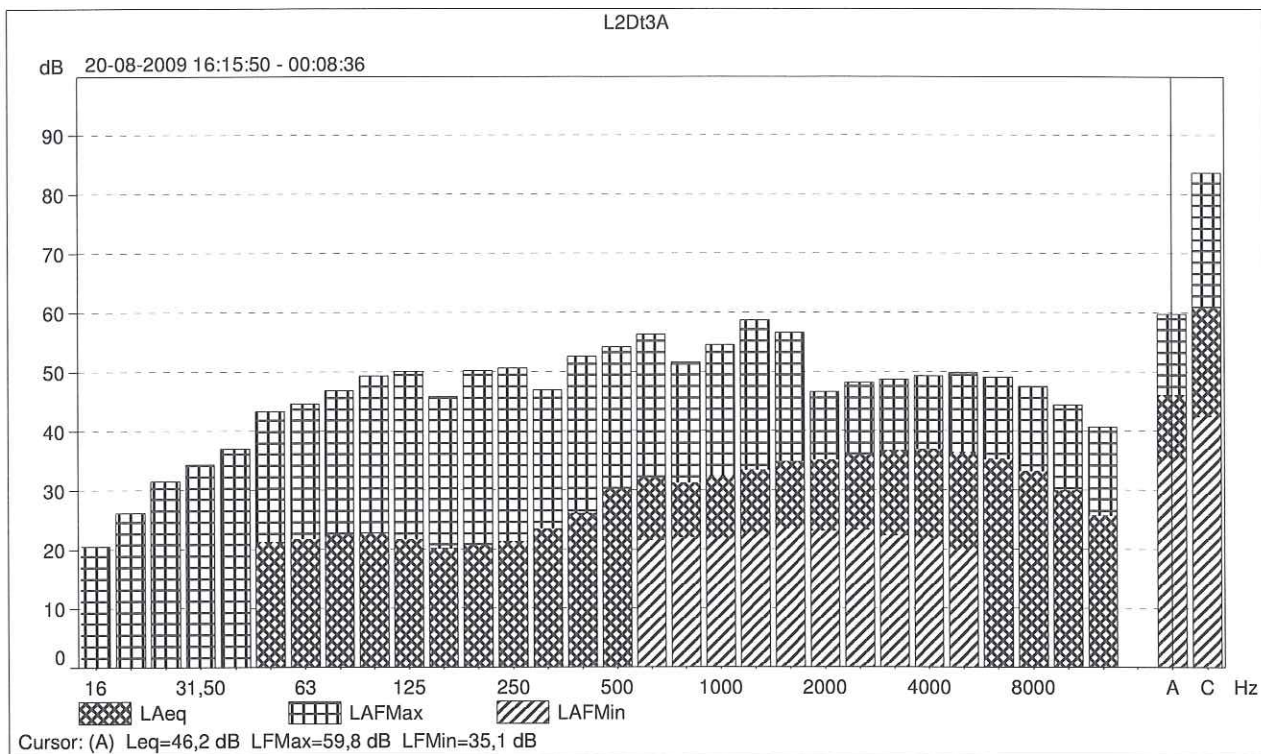
L2Dt3A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	46,2	48,8	59,8	93,7	21,3	21,8
Time	16:15:50	0:15:50							
Date	20-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	22,6	22,8	21,7	20,2	20,7	21,4	23,5	26,2
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	30,2	32,1	31,2	32,5	33,4	34,9	35,1	36,0
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	36,7	36,9	36,4	35,3	33,3	30,0	25,8
Time							
Date							





L2Dt3B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		20-08-2009 16:31:56
End Time:		20-08-2009 16:47:24
Elapsed Time:		0:15:28
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		19,9-99,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

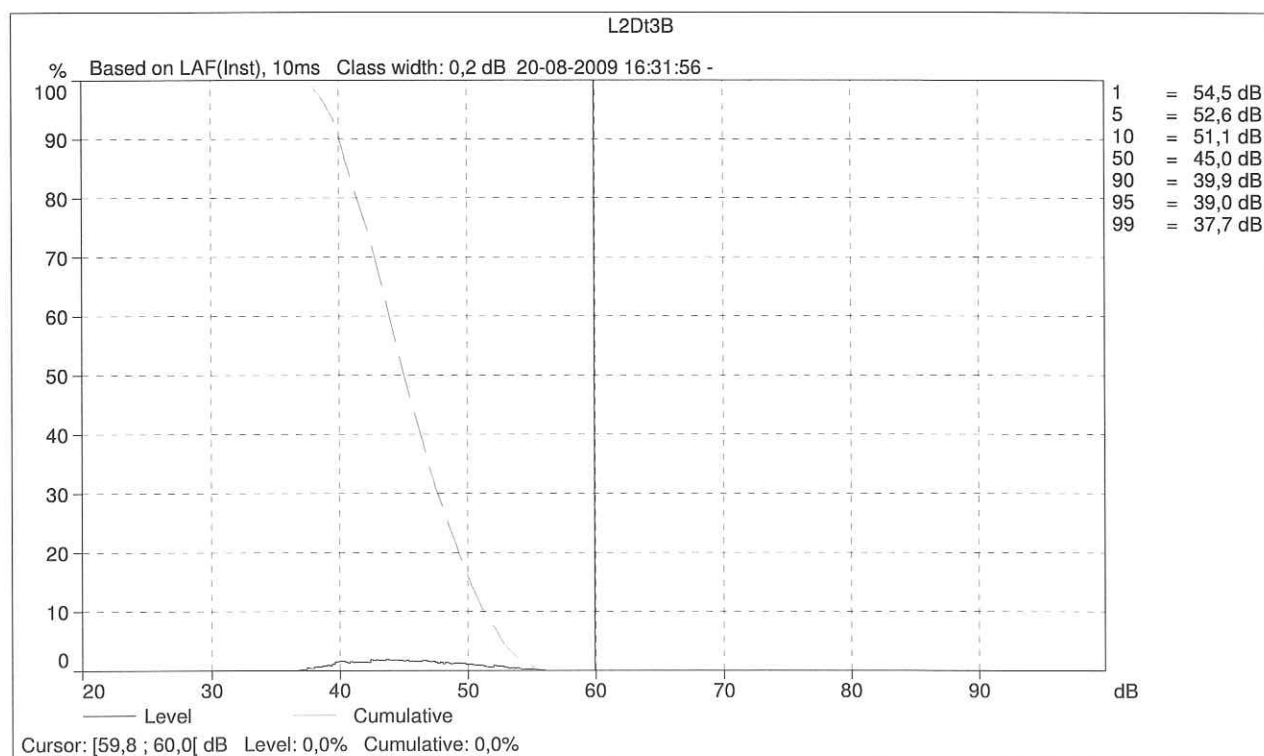
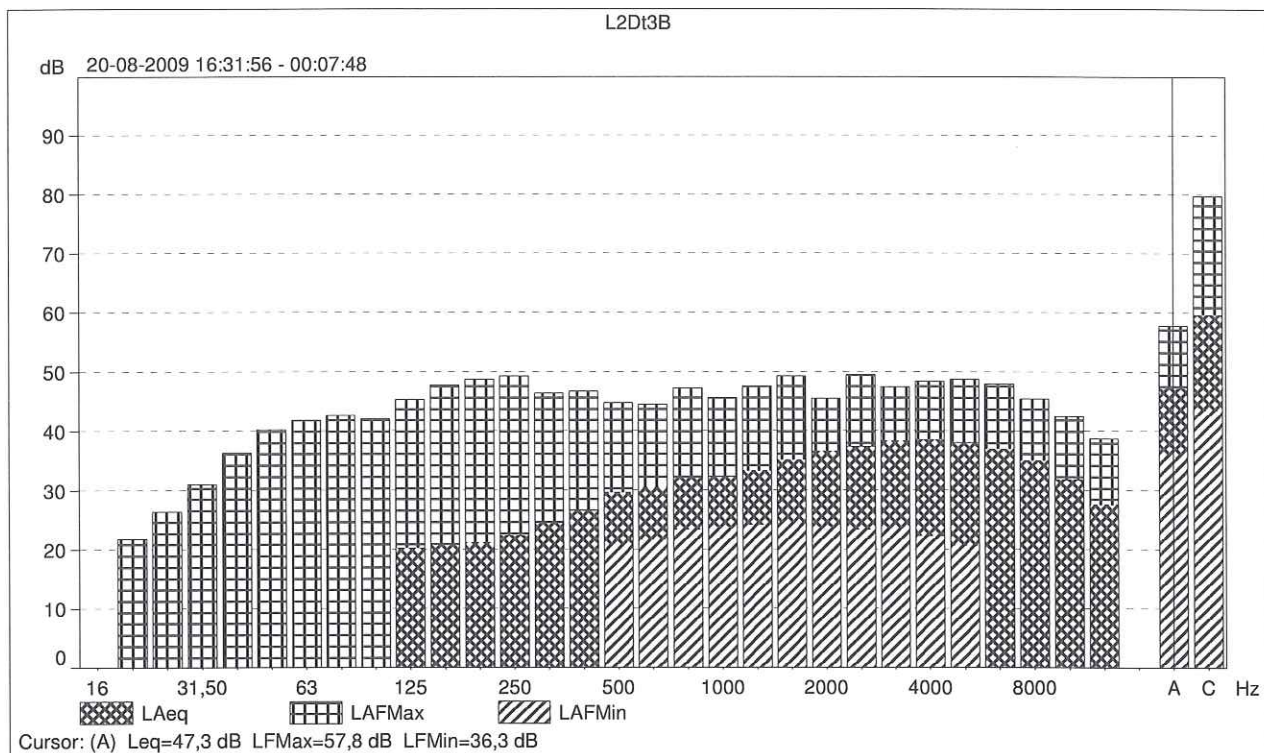
L2Dt3B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	47,3	48,5	57,8	90,3	---	---
Time	16:31:56	0:15:28							
Date	20-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	---	---	20,3	20,8	21,2	22,4	24,5	26,6
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	29,7	30,5	32,1	32,3	33,4	35,1	36,6	37,5
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	38,4	38,6	38,1	37,0	35,1	31,9	27,7
Time							
Date							



L1Dt4A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		13-08-2009 15:19:00
End Time:		13-08-2009 15:34:01
Elapsed Time:		0:15:01
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		12-08-2009 23:48:46
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

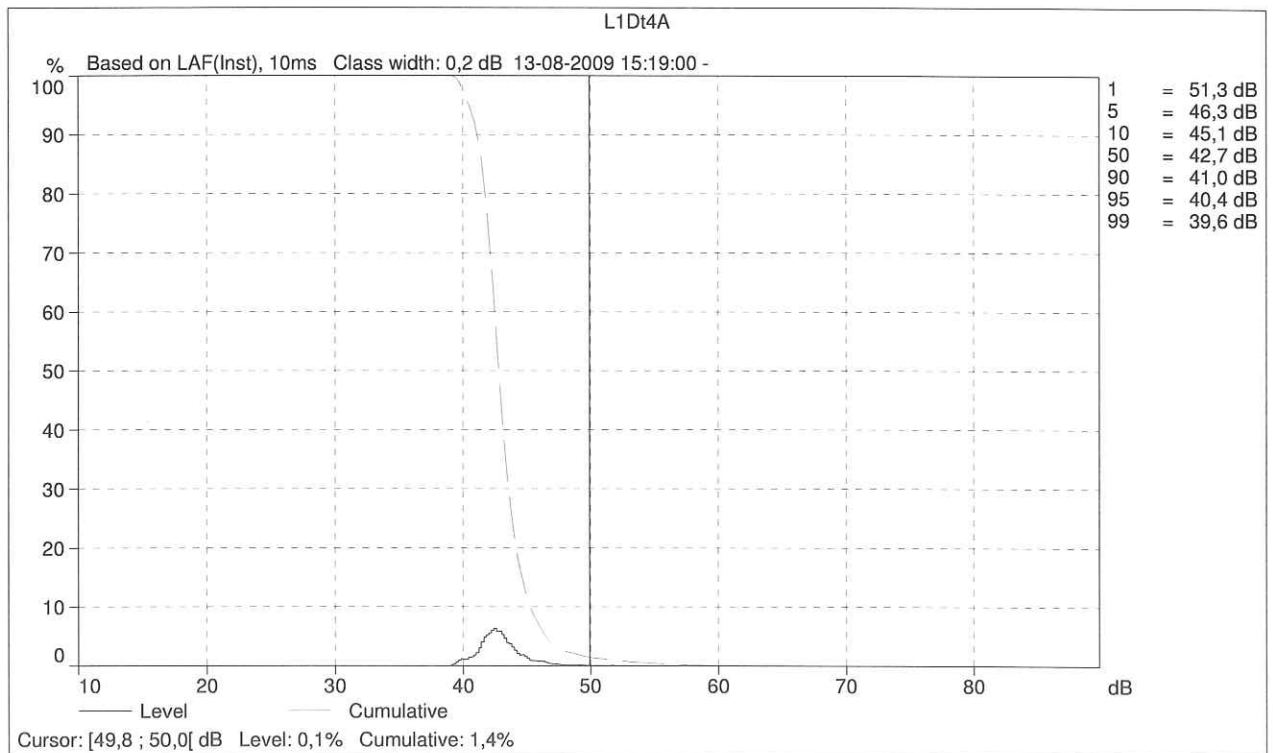
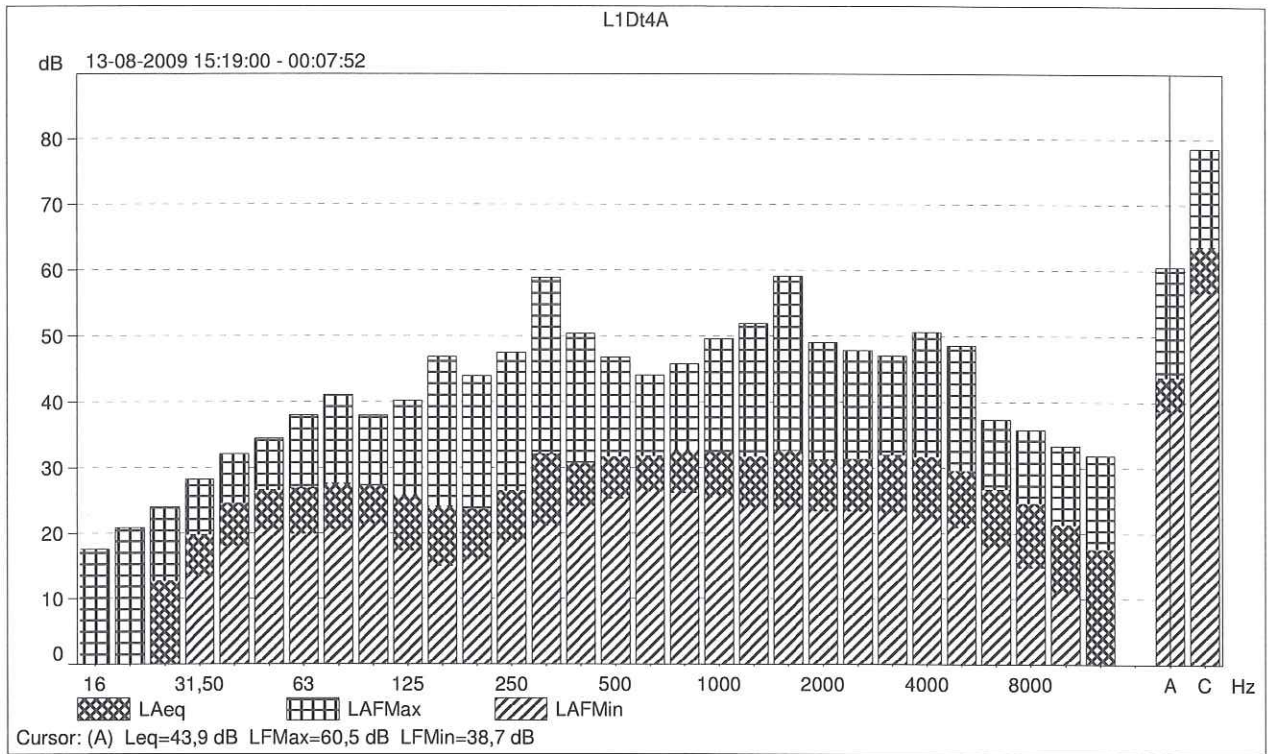
L1Dt4A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	43,9	46,3	60,5	86,6	26,6	26,9
Time	15:19:00	0:15:01							
Date	13-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	27,7	27,3	25,8	24,2	23,7	26,5	32,2	30,8
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	31,8	31,9	32,7	32,4	31,7	32,6	31,3	31,4
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	32,0	31,8	29,6	26,7	24,6	21,4	17,7
Time							
Date							



L1Dt4B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		13-08-2009 15:37:28
End Time:		13-08-2009 15:52:29
Elapsed Time:		0:15:01
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		12-08-2009 23:48:46
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

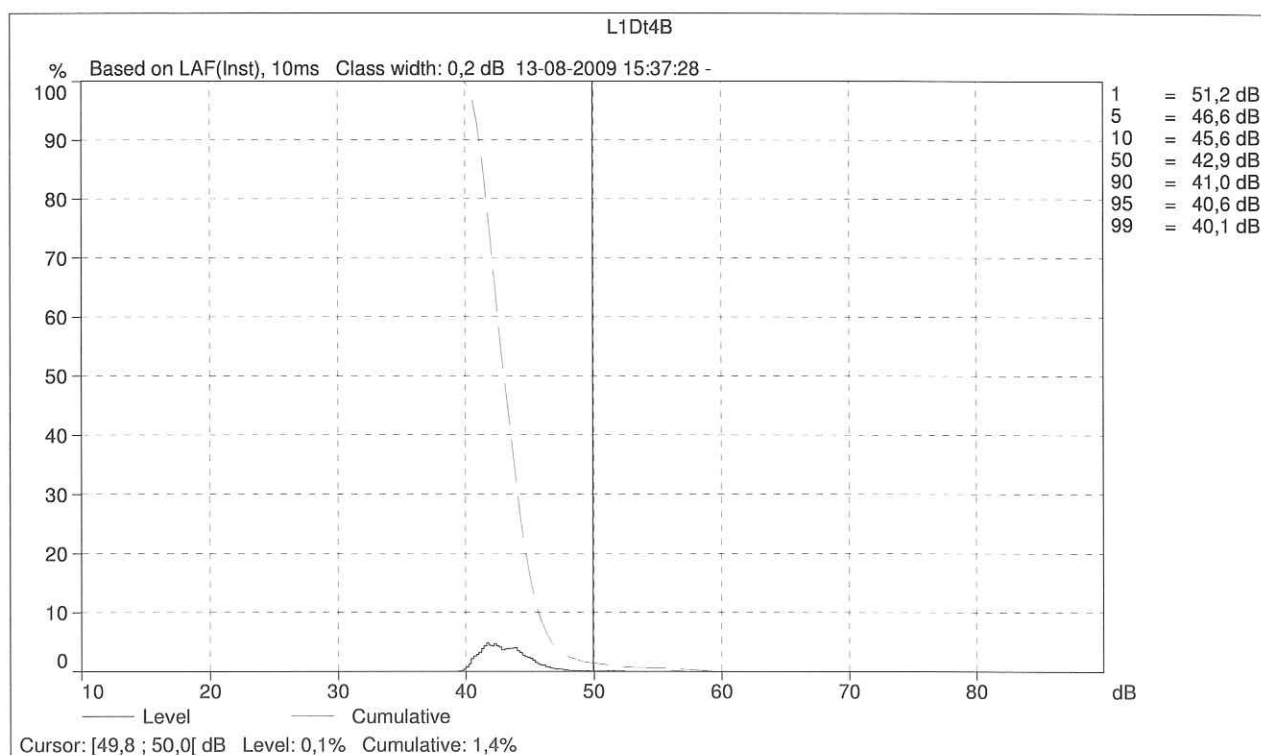
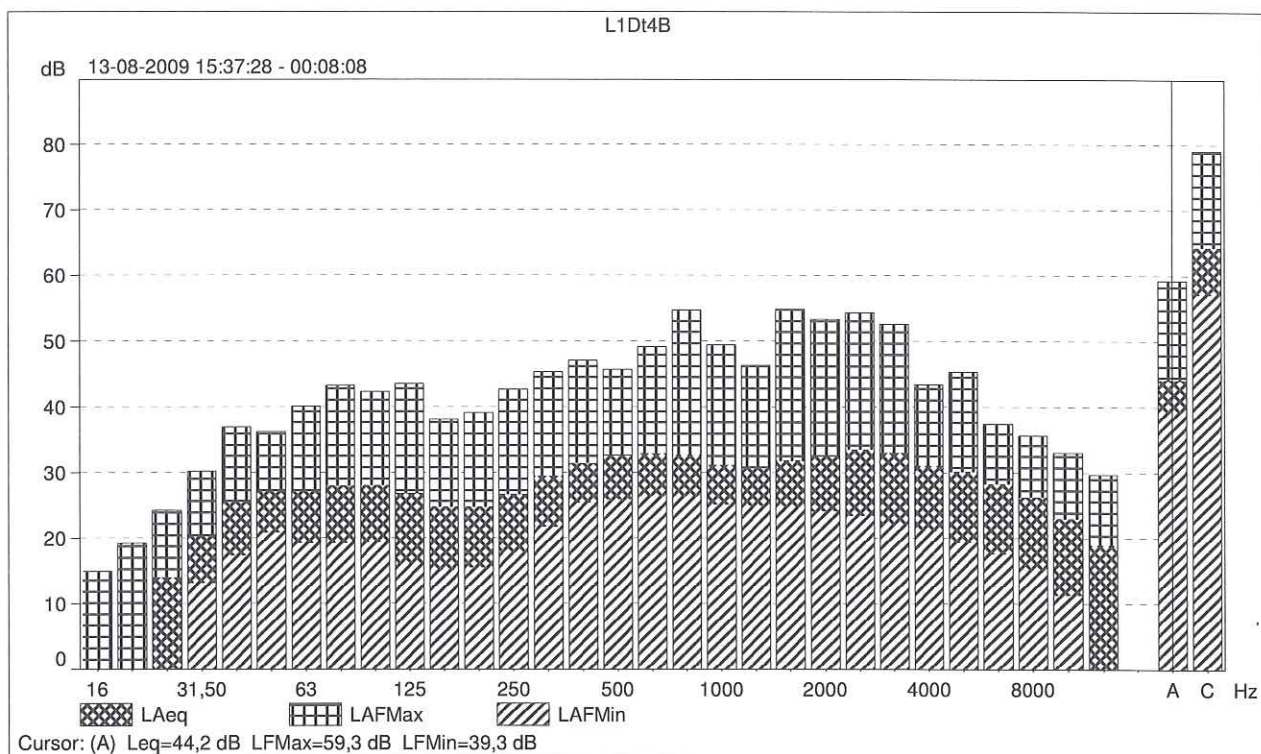
L1Dt4B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	44,2	45,8	59,3	90,3	27,2	27,2
Time	15:37:28	0:15:01							
Date	13-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	28,0	28,1	26,9	24,8	24,8	26,7	29,5	31,4
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	32,6	32,9	32,7	31,2	30,7	31,9	32,6	33,6
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	33,0	31,1	30,2	28,3	26,3	23,1	19,0
Time							
Date							





L2Dt4A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		20-08-2009 14:59:43
End Time:		20-08-2009 15:14:45
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

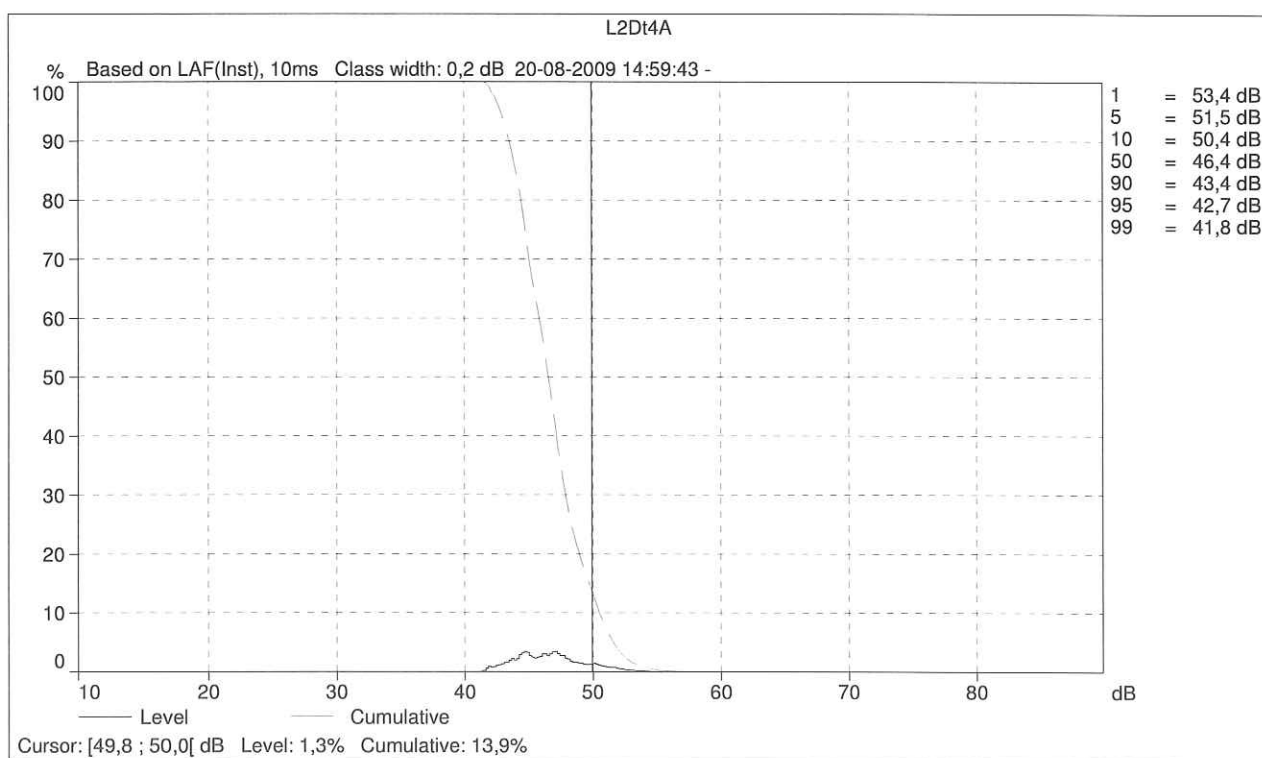
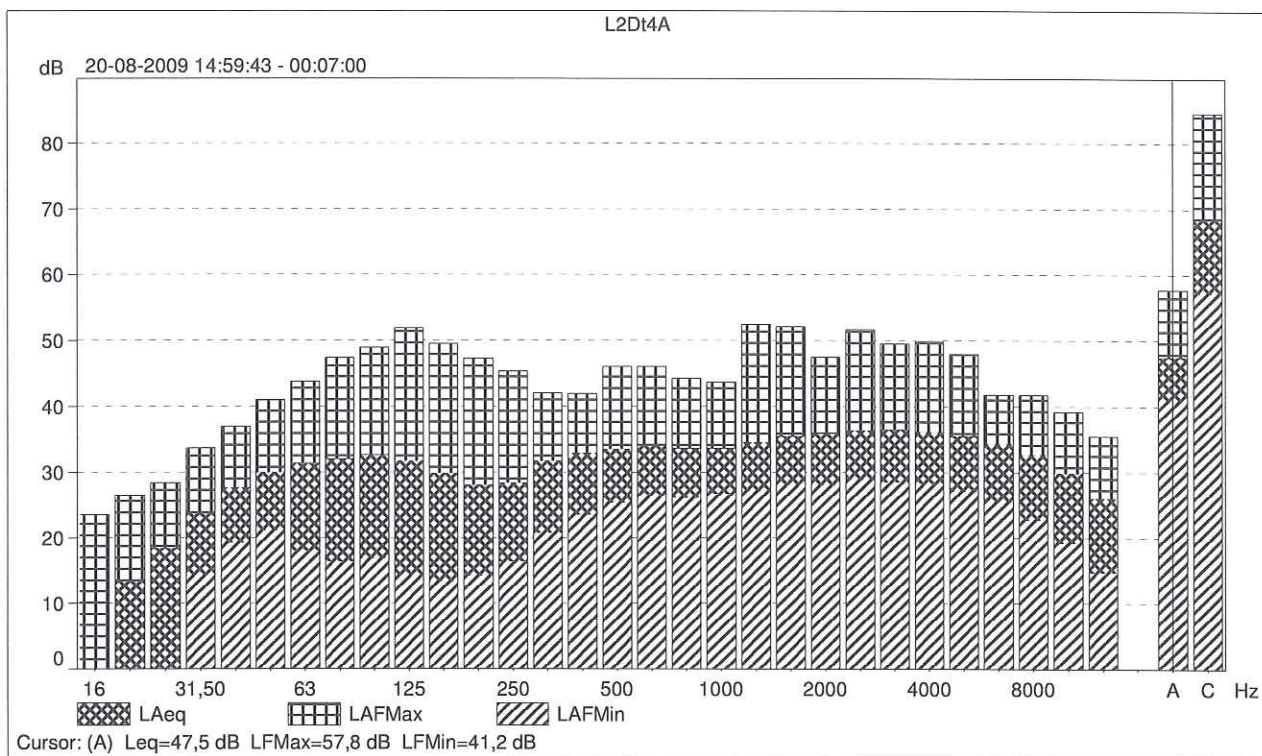
L2Dt4A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	47,5	49,0	57,8	92,9	30,0	31,4
Time	14:59:43	0:15:02							
Date	20-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	32,1	32,7	31,7	29,9	28,1	28,4	31,8	32,9
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	33,5	34,0	33,7	33,7	34,6	35,5	36,0	36,4
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	36,5	36,2	35,5	34,4	32,7	29,9	26,1
Time							
Date							



L2Dt4C

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		20-08-2009 15:36:10
End Time:		20-08-2009 15:51:12
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

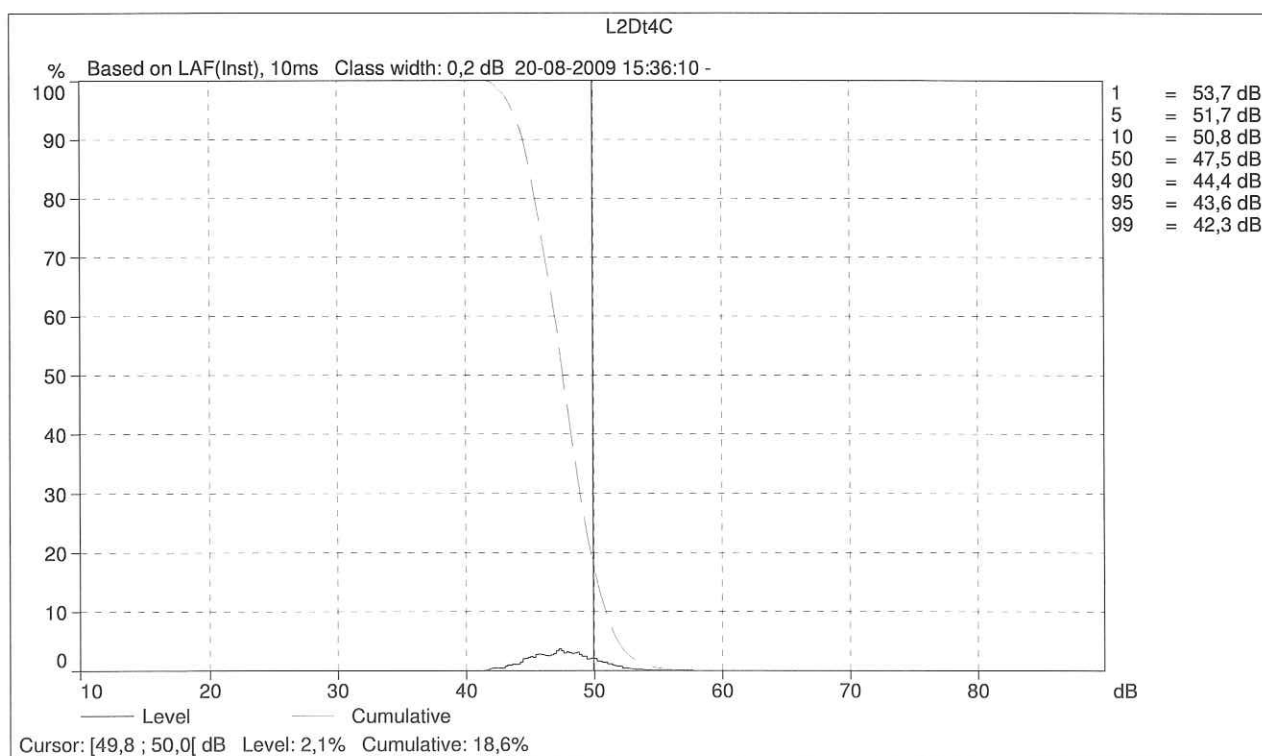
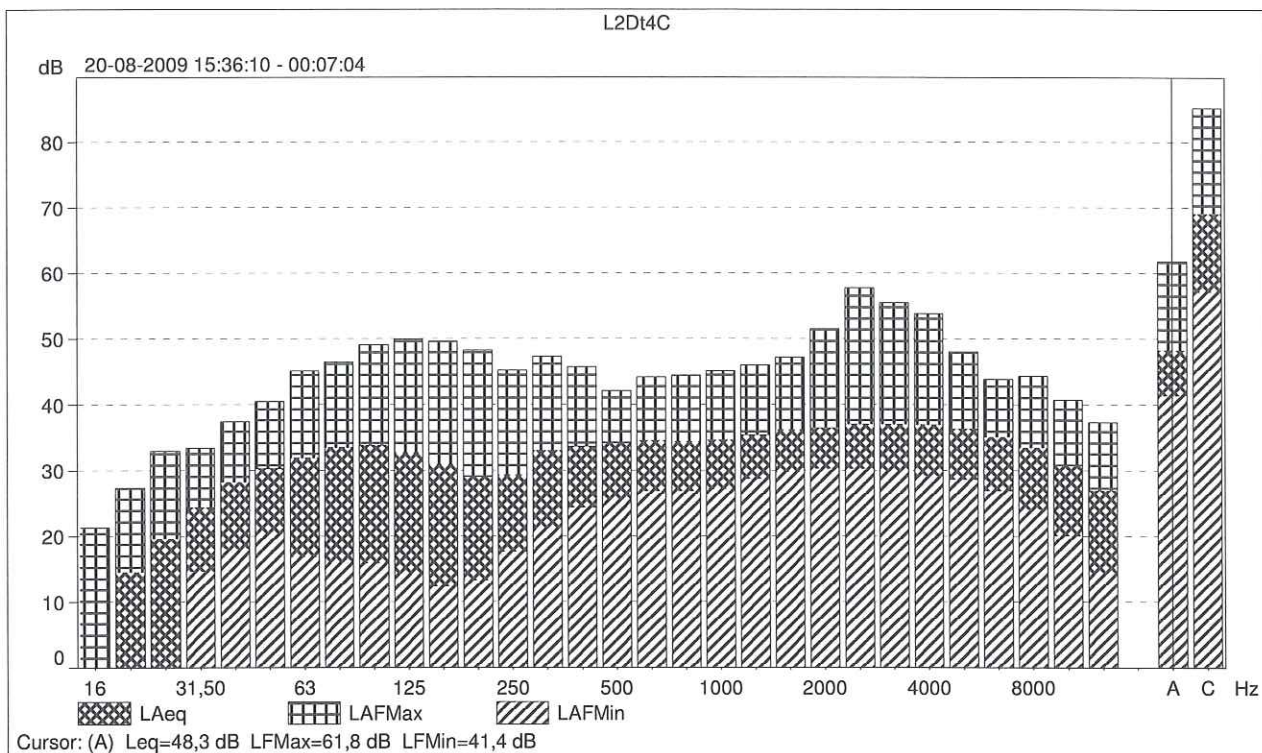
L2Dt4C

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAI _m [dB]	LAF _{Max} [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	48,3	50,1	61,8	92,9	30,3	31,9
Time	15:36:10	0:15:02							
Date	20-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	33,5	33,8	32,7	30,9	29,1	29,3	33,0	33,7
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	34,1	34,6	34,5	34,6	35,4	36,2	36,5	37,1
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	37,0	37,0	36,3	35,1	33,5	30,7	27,0
Time							
Date							





CENTRAL DE CICLO COMBINADO DE LARES
ACOMPANHAMENTO E GESTÃO AMBIENTAL
Relatório de Monitorização



RUÍDO PARTICULAR

REGISTOS OBTIDOS PELO ANALISADOR DE RUÍDO 2260

LOCAIS/PONTOS DE MEDIÇÃO	CÓDIGO DO REGISTO DO SONÓMETRO ¹	L _{AEQ} ² dB(A)	L _{AEQ} MÉDIO ³ dB(A)	LAFMAX ⁴ dB(A)	CÓDIGO DO REGISTO DO SONÓMETRO ¹	L _{AEQ} ² dB(A)	L _{AEQ} MÉDIO ³ dB(A)	LAFMAX ⁴ dB(A)
1ª SÉRIE DE AMOSTRAS MEDIDAS – L1					2ª SÉRIE DE AMOSTRAS MEDIDAS – L2			
ENTARDECER								
1 - LARES	L1E1A	48,9	50,0	70,9	L2E1A	53,0	51,8	73,0
	L1E1B	50,0		73,2	L2E1B	50,0		71,2
2 – MATOS PINA	L1E2A	45,5	44,8	64,2	L2E2B	42,5	42,8	59,2
	L1E2B	44,0		61,2	L2E2C	43,1		62,6
3 – FEITEIRA DE BAIXO	L1E3A	47,6	49,4	61,9	L2E3A	43,2	45,1	56,5
	L1E3B	50,7		78,6	L2E3B	46,4		65,2
4 – MOINHO DE ALMOXARIFE	L1E4B	68,1	67,2	71,4	L2E4B	53,1	54,1	60,7
	L1E4C	66,0		67,7	L2E4C	54,9		60,7



L1E1A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		17-08-2009 20:51:04
End Time:		17-08-2009 21:08:34
Elapsed Time:		0:17:30
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		17-08-2009 11:35:52
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

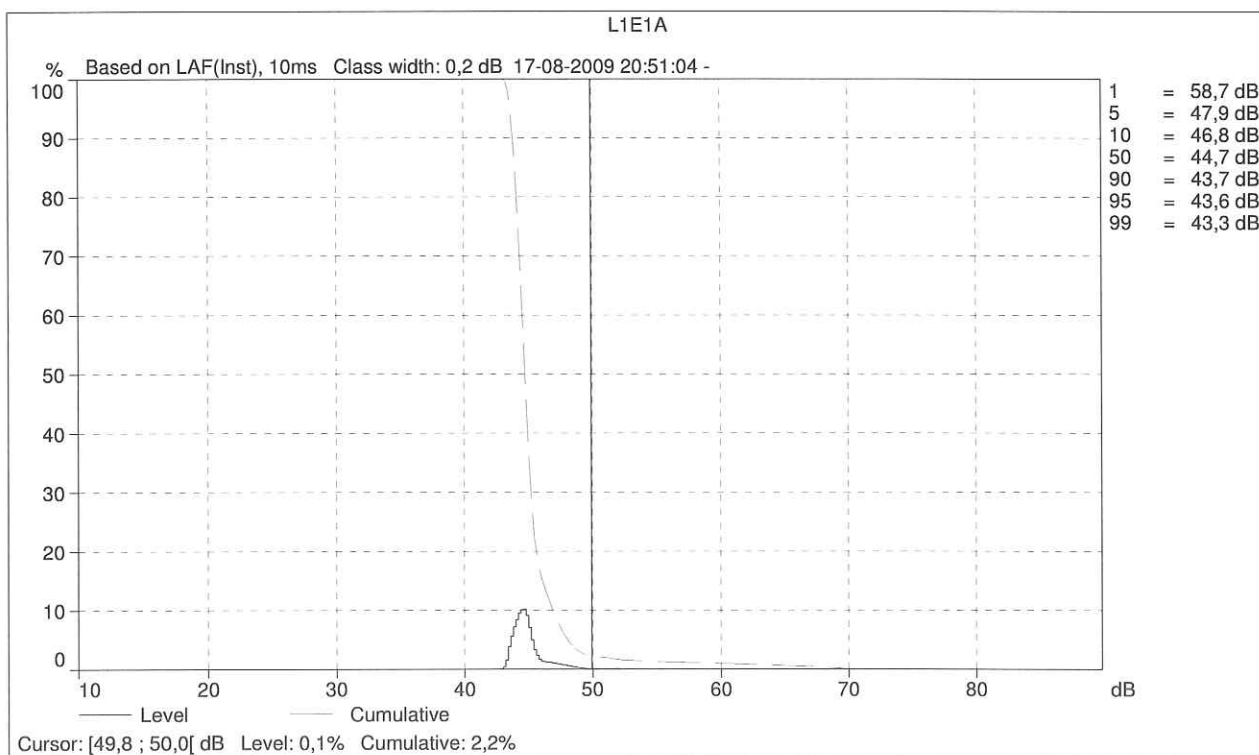
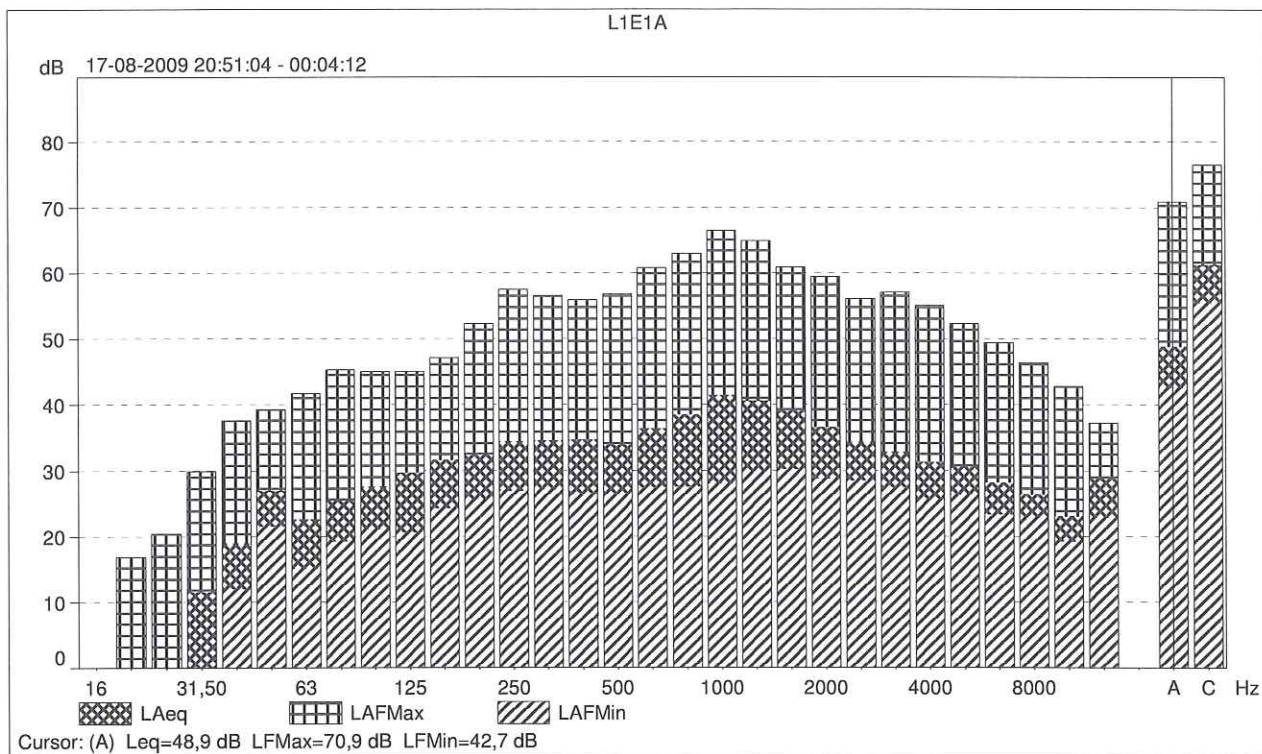
L1E1A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	48,9	50,6	70,9	86,9	27,0	22,6
Time	20:51:04	0:17:30							
Date	17-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	25,6	27,6	29,7	31,7	32,5	34,5	34,6	34,7
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	33,9	36,4	38,5	41,5	40,7	39,1	36,6	34,4
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	32,9	31,3	30,7	28,2	26,5	23,1	28,9
Time							
Date							



L1E1B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		17-08-2009 21:08:55
End Time:		17-08-2009 21:24:00
Elapsed Time:		0:15:05
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		17-08-2009 11:35:52
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

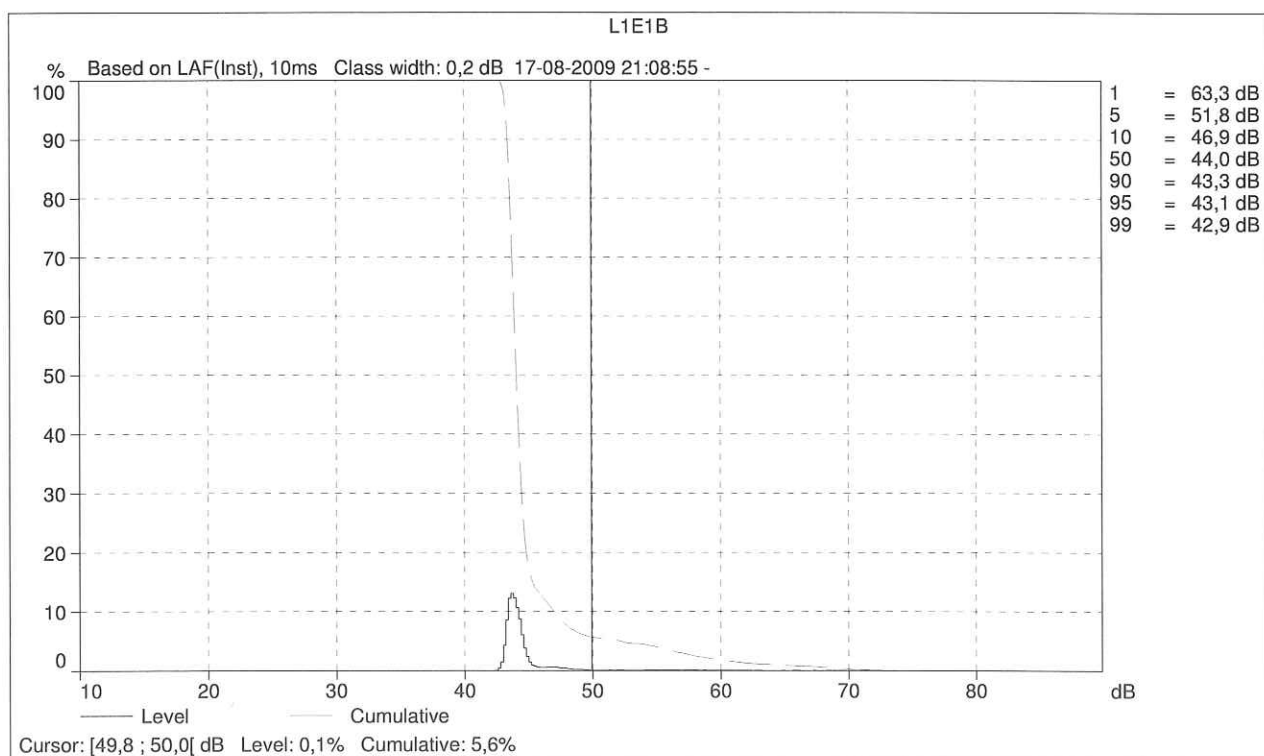
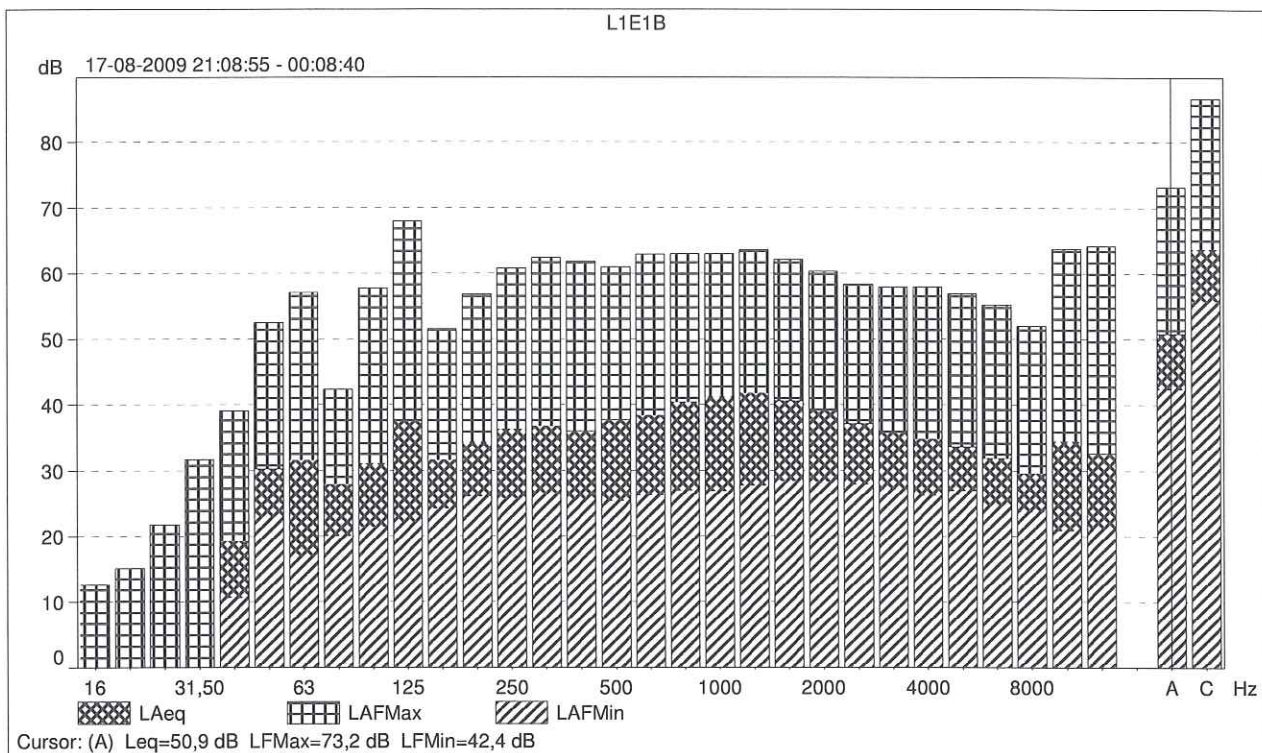
L1E1B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	50,9	52,5	73,2	92,9	30,3	31,6
Time	21:08:55	0:15:05							
Date	17-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	27,9	31,1	37,5	31,7	34,4	36,3	36,8	36,0
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	37,7	38,5	40,5	41,3	41,8	40,7	39,2	37,2
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	35,9	34,9	33,7	32,0	29,6	34,5	32,6
Time							
Date							



L2E1A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		26-08-2009 22:19:22
End Time:		26-08-2009 22:34:26
Elapsed Time:		0:15:04
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		19,9-99,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		26-08-2009 20:18:21
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

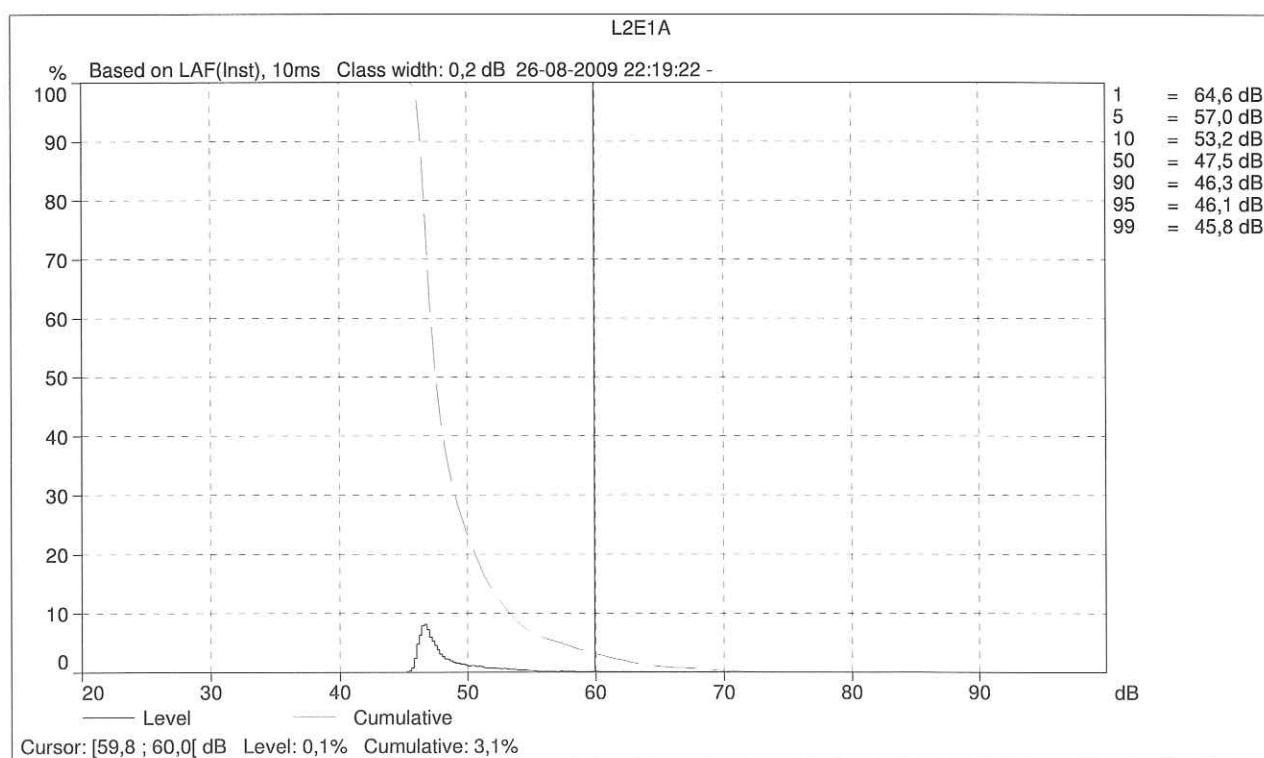
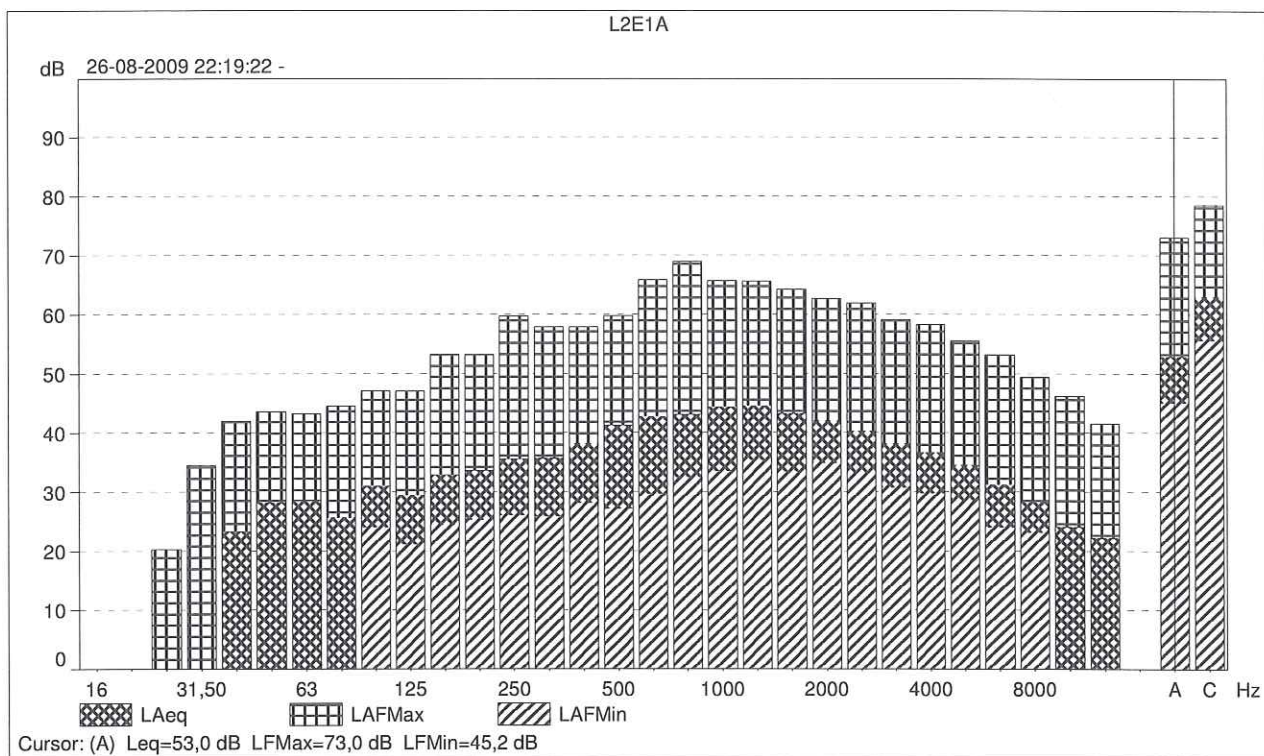
L2E1A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	53,0	56,1	73,0	89,7	28,2	28,5
Time	22:19:22	0:15:04							
Date	26-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	25,7	31,1	29,4	32,9	33,6	35,6	35,7	38,3
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	41,4	42,8	43,1	44,4	44,6	43,3	42,1	40,3
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	38,2	36,7	34,6	31,2	28,3	24,2	22,3
Time							
Date							





L2E1B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		26-08-2009 22:34:45
End Time:		26-08-2009 22:50:03
Elapsed Time:		0:15:18
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		19,9-99,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		26-08-2009 20:18:21
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

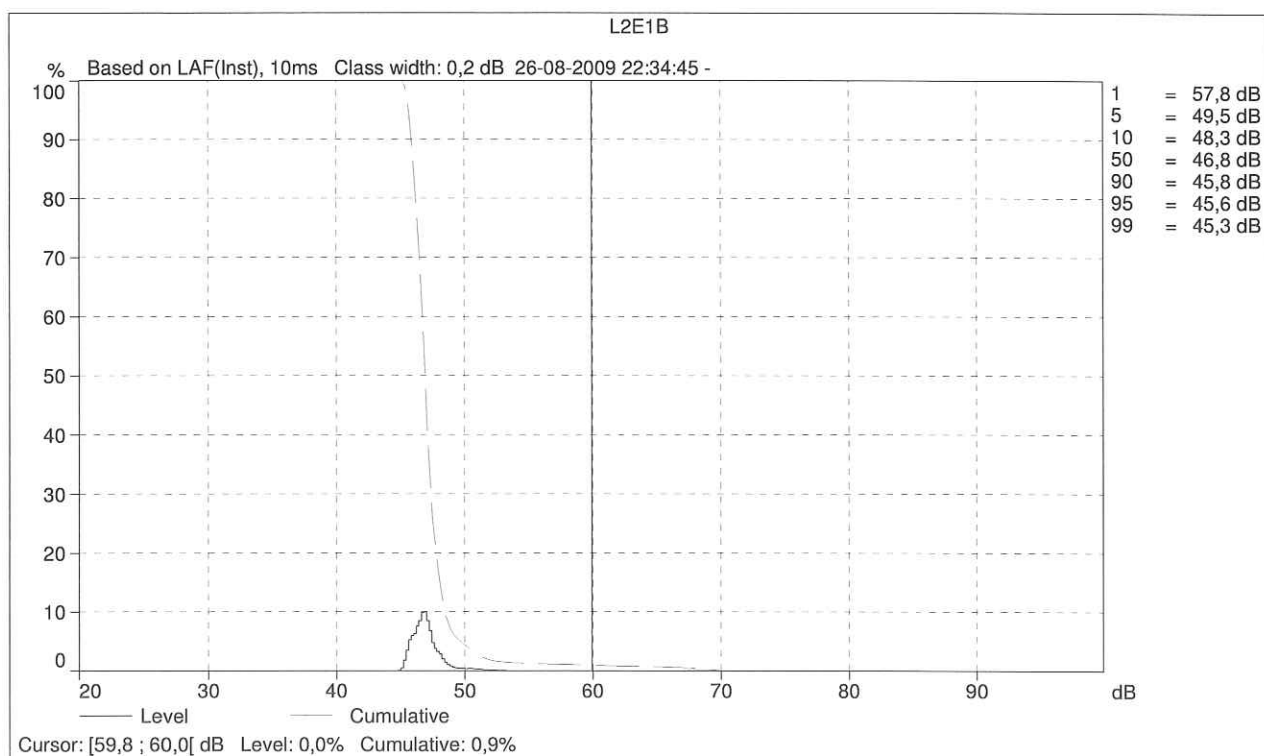
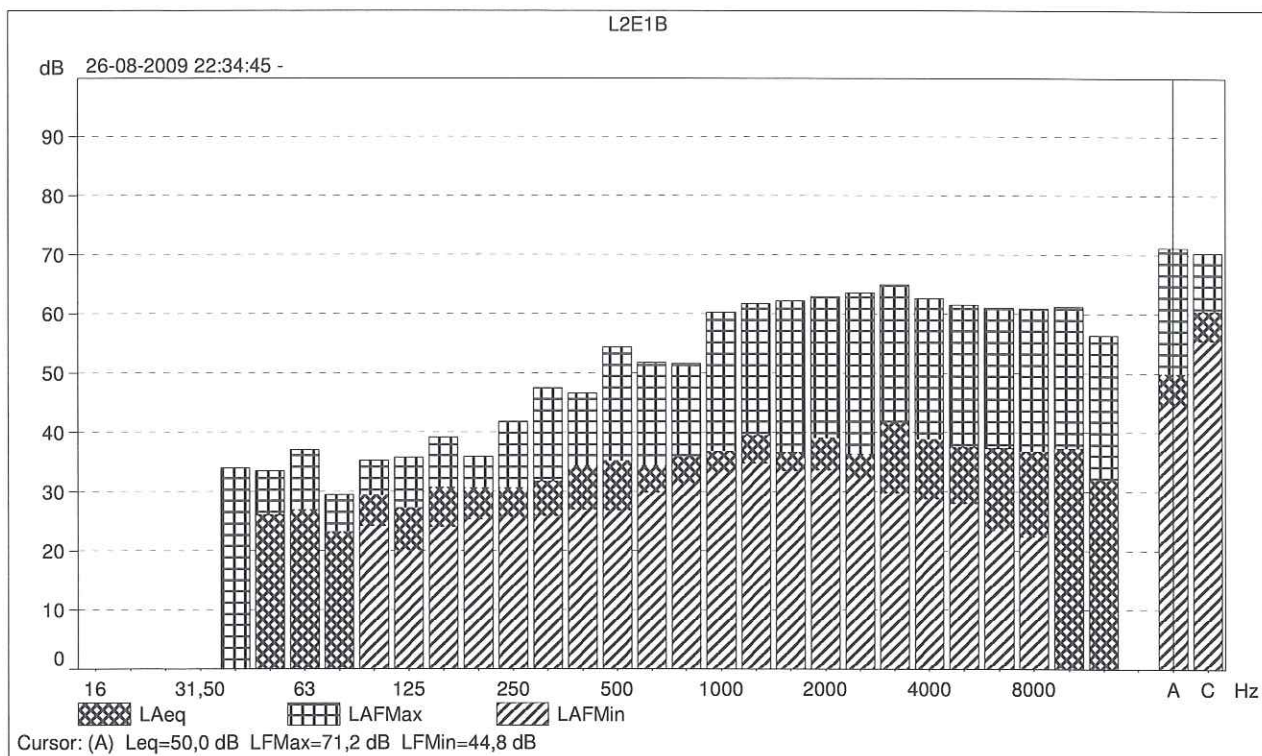
L2E1B

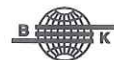
	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAI _m [dB]	LAF _{Max} [dB]	LC _{pk} (MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	50,0	52,7	71,2	98,6	26,2	27,0
Time	22:34:45	0:15:18							
Date	26-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	23,3	29,5	27,3	30,8	30,7	30,8	31,8	34,4
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	35,3	34,4	36,0	36,9	39,5	36,7	39,1	36,4
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	41,7	39,0	37,7	37,4	36,9	37,4	32,0
Time							
Date							





L1E2A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		13-08-2009 21:59:32
End Time:		13-08-2009 22:15:37
Elapsed Time:		0:16:05
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		12-08-2009 23:48:46
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

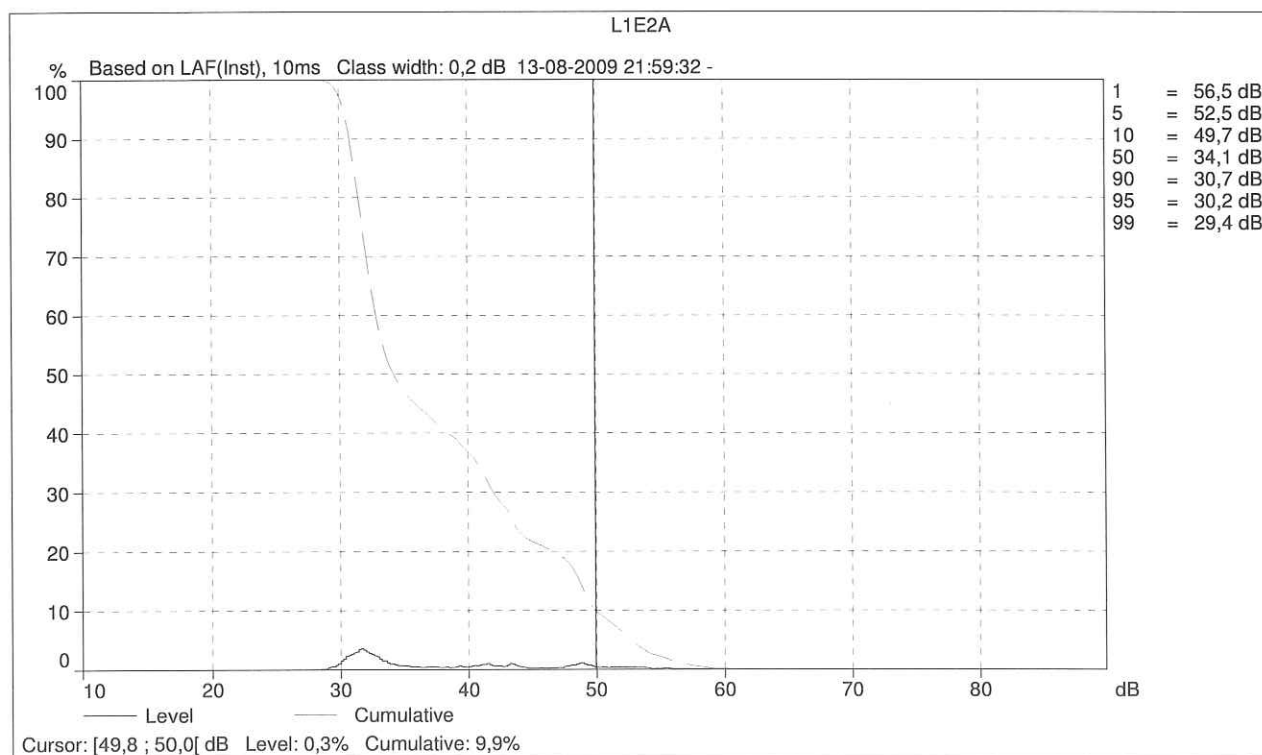
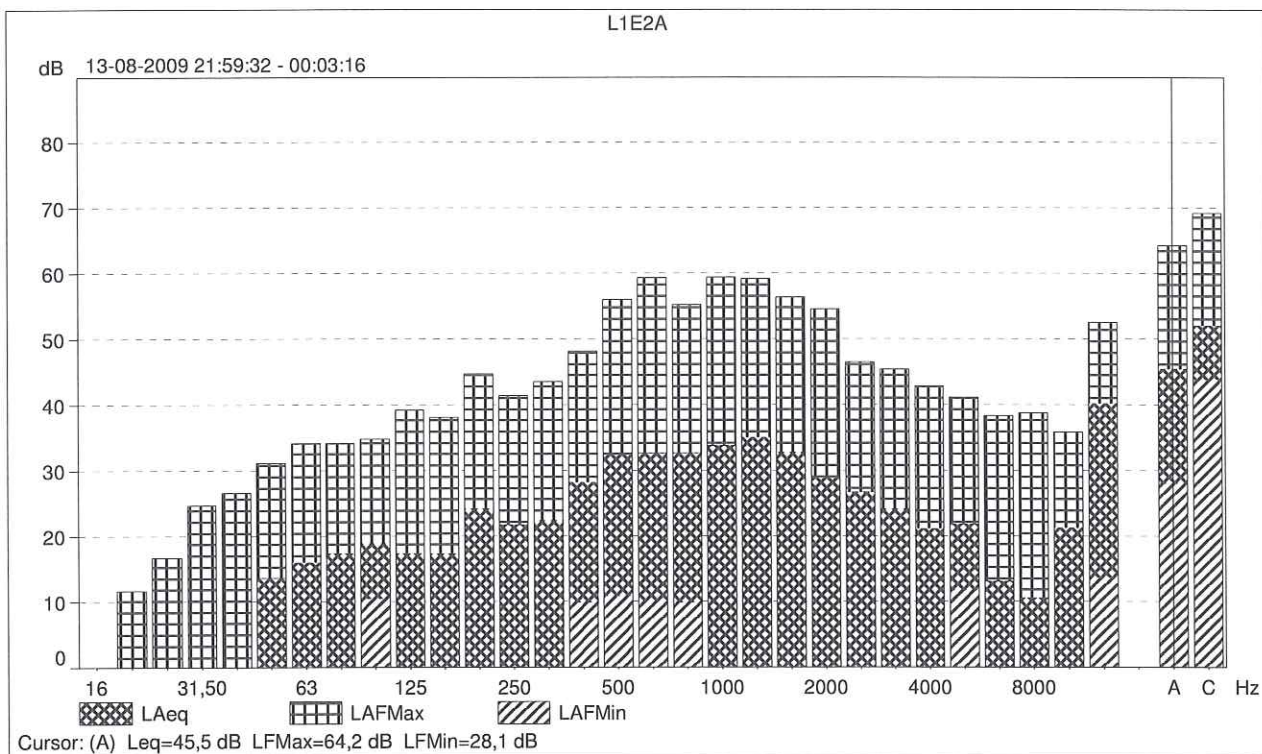
L1E2A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAI _m [dB]	LAF _{Max} [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	45,5	49,2	64,2	78,2	13,6	16,0
Time	21:59:32	0:16:05							
Date	13-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	17,4	18,9	17,4	17,3	24,2	21,8	22,4	28,2
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	32,4	32,7	32,7	33,8	35,1	32,8	28,8	26,7
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	24,2	21,1	21,8	13,1	10,6	21,3	40,2
Time							
Date							



L1E2B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		13-08-2009 22:16:20
End Time:		13-08-2009 22:31:22
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		12-08-2009 23:48:46
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

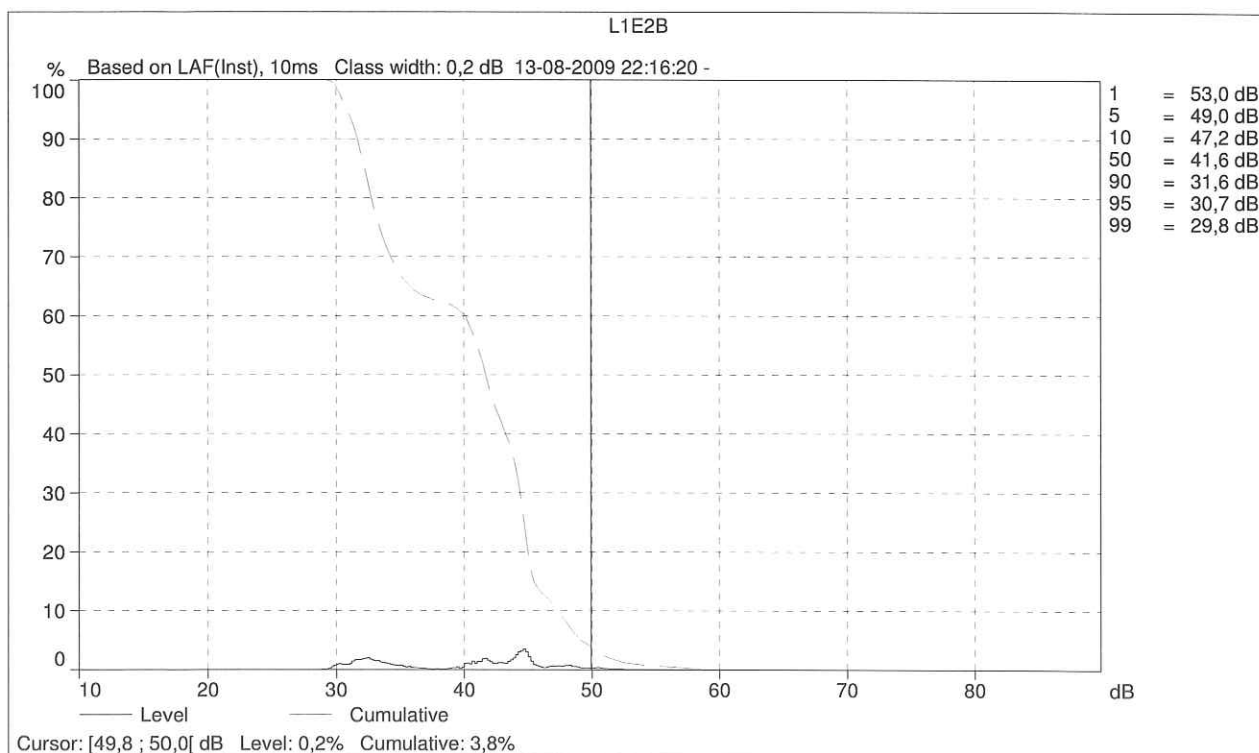
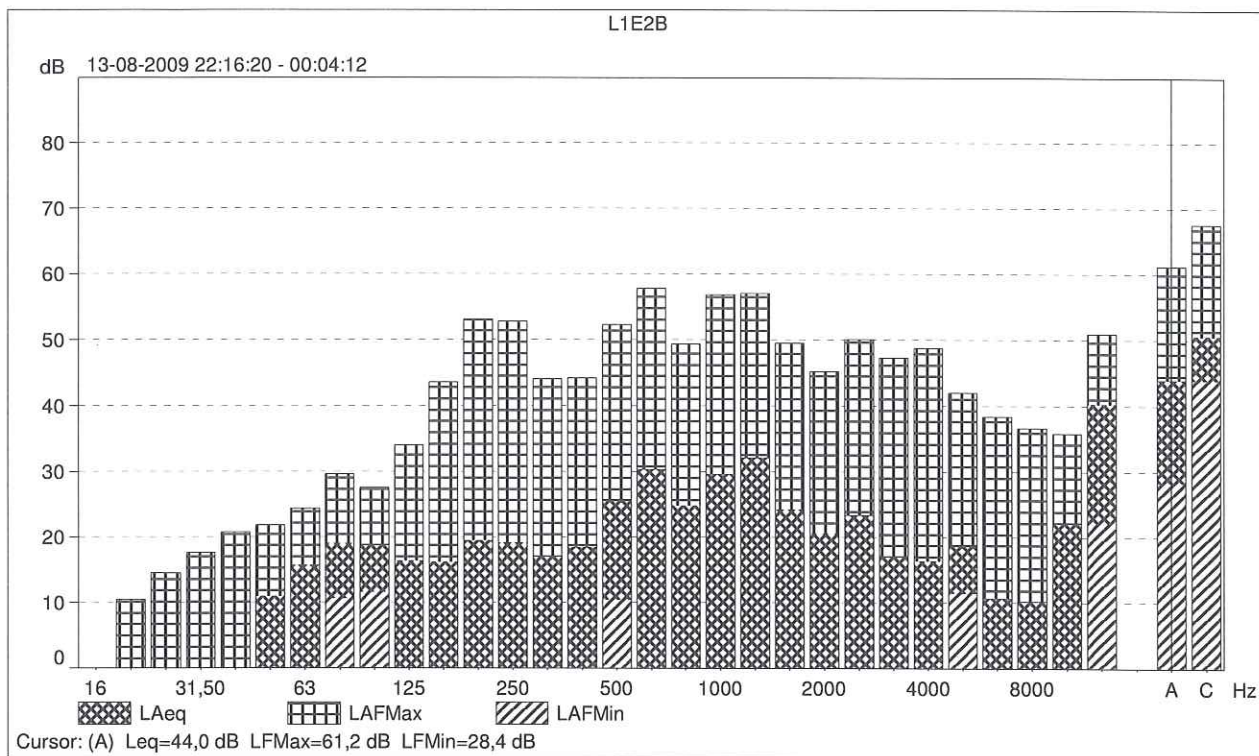
L1E2B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	44,0	47,8	61,2	82,9	11,0	15,7
Time	22:16:20	0:15:02							
Date	13-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	19,1	18,8	16,4	16,2	19,5	19,2	17,0	18,5
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	25,6	30,4	24,8	29,6	32,1	24,3	20,6	23,4
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	17,0	16,4	18,7	10,7	10,2	22,1	40,3
Time							
Date							





L2E2B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		26-08-2009 21:44:07
End Time:		26-08-2009 21:59:12
Elapsed Time:		0:15:05
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		26-08-2009 20:18:21
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

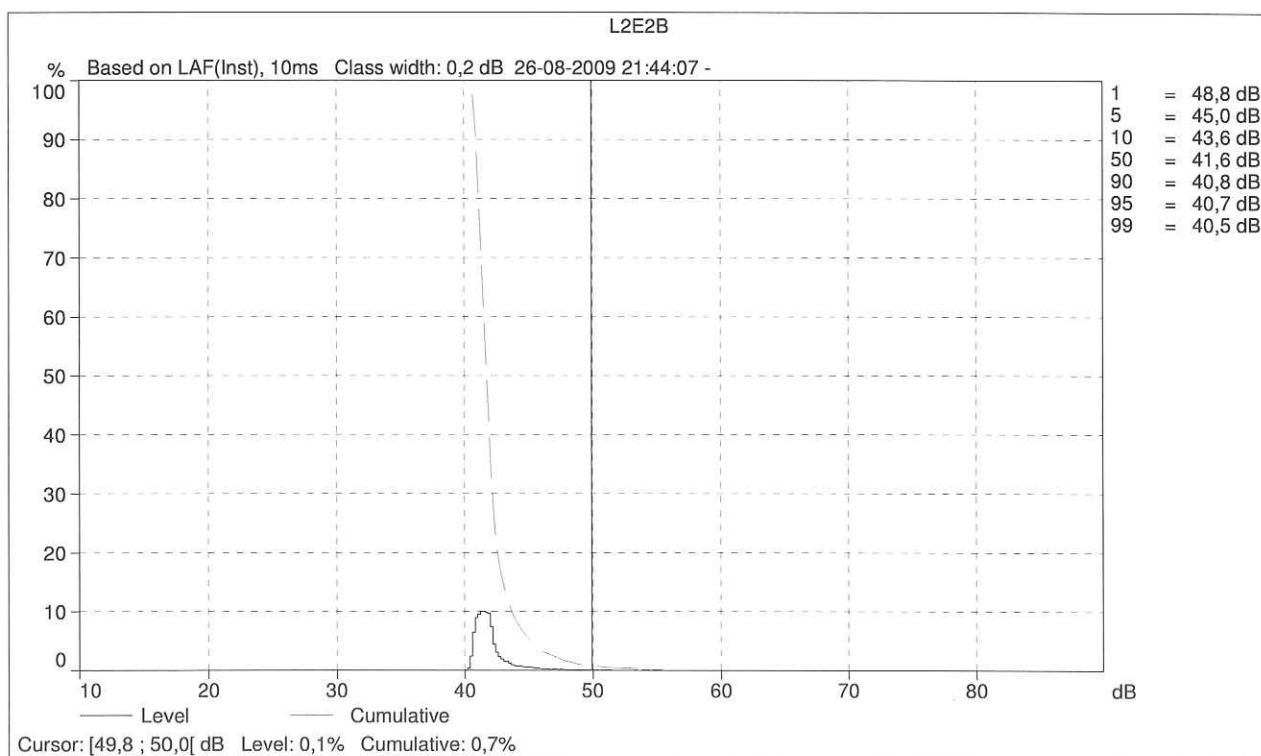
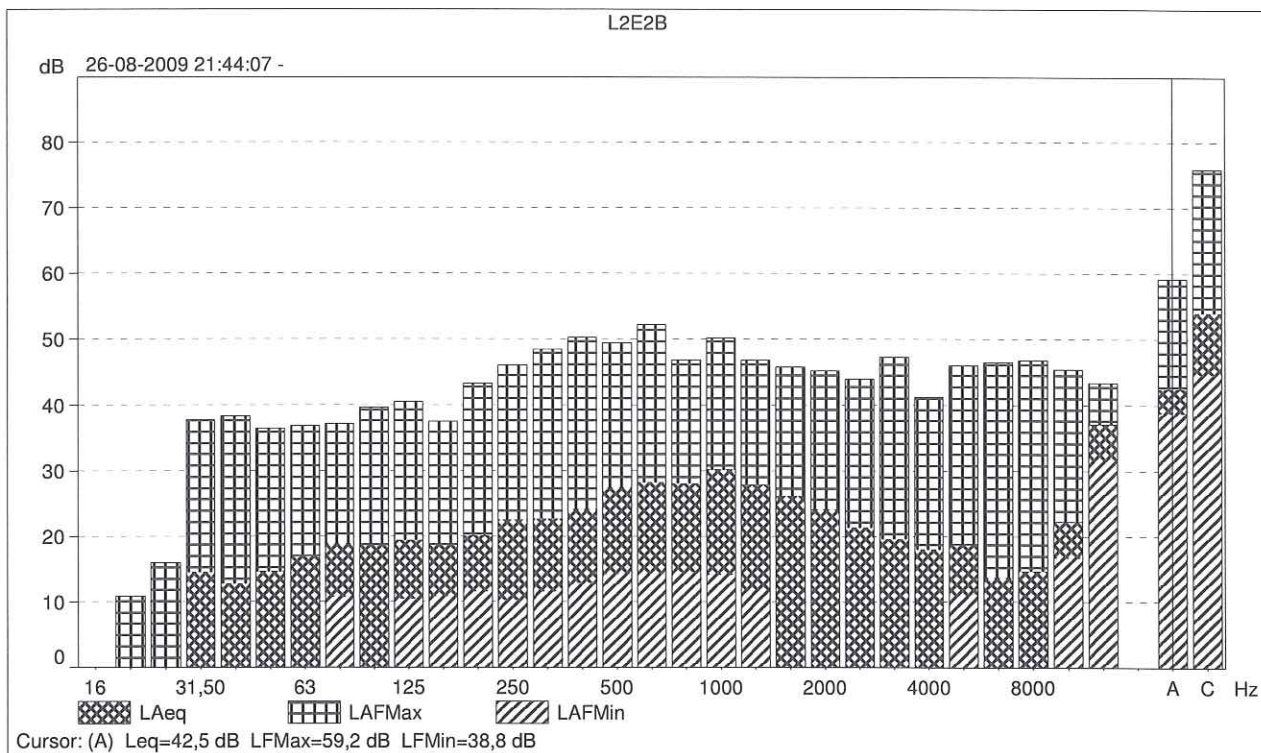
L2E2B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAI _m [dB]	LAF _{Max} [dB]	LC _{pk} (MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	42,5	45,0	59,2	86,3	14,8	17,0
Time	21:44:07	0:15:05							
Date	26-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	18,9	18,7	19,5	18,7	20,2	22,5	22,7	24,2
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	27,4	28,3	28,1	30,2	27,9	26,1	24,1	21,4
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	19,6	18,1	18,7	13,7	14,8	22,2	37,2
Time							
Date							



L2E2C

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		26-08-2009 21:59:27
End Time:		26-08-2009 22:14:29
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		26-08-2009 20:18:21
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

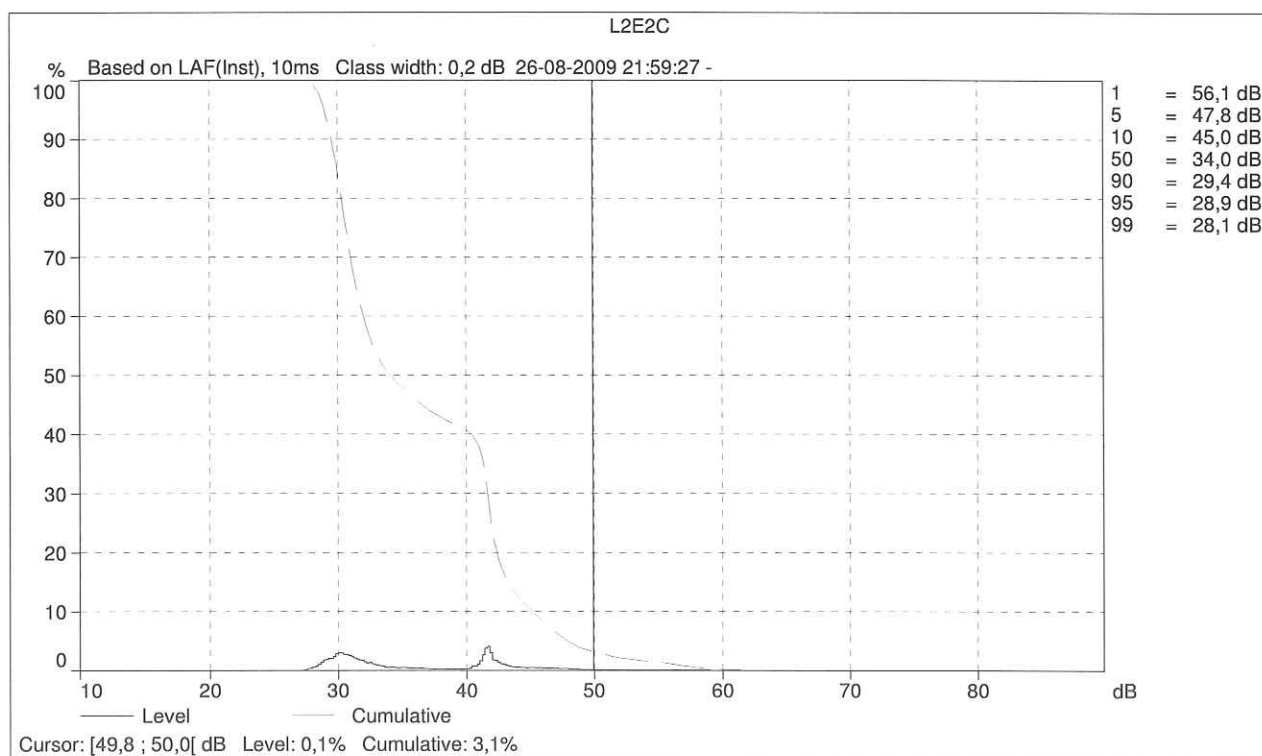
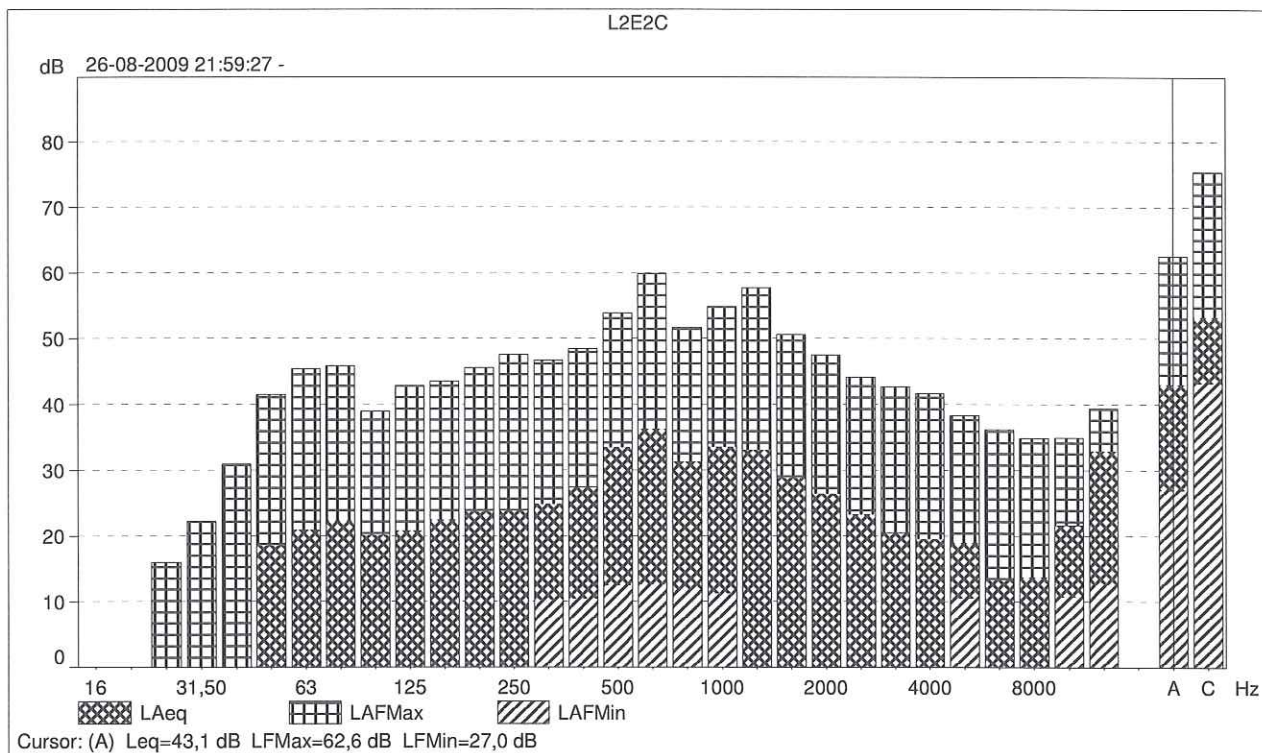
L2E2C

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	43,1	48,6	62,6	83,8	18,5	21,0
Time	21:59:27	0:15:02							
Date	26-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	22,3	20,1	20,8	22,5	23,7	23,9	24,8	27,4
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	33,5	36,3	31,3	33,5	33,1	28,8	26,5	23,3
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	20,5	19,5	19,0	13,4	13,7	21,7	33,0
Time							
Date							



L1E3A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		17-08-2009 21:30:18
End Time:		17-08-2009 21:45:21
Elapsed Time:		0:15:03
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		17-08-2009 11:35:52
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

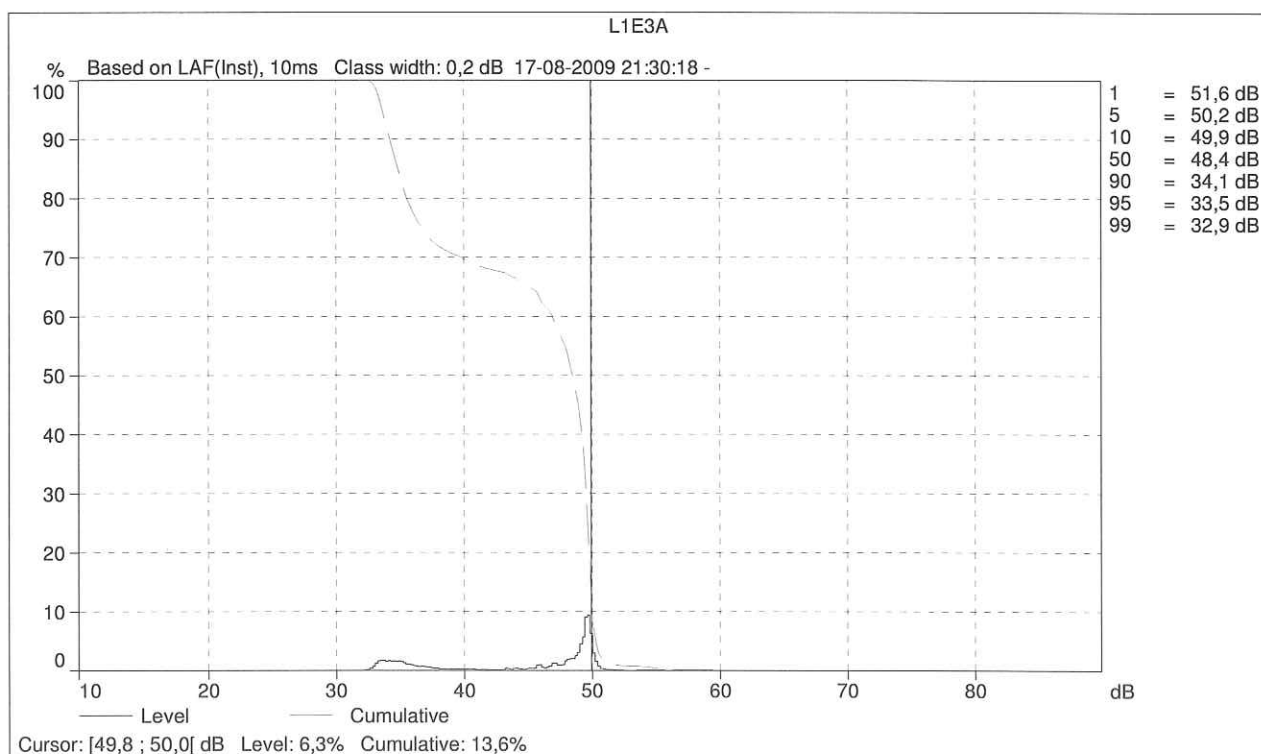
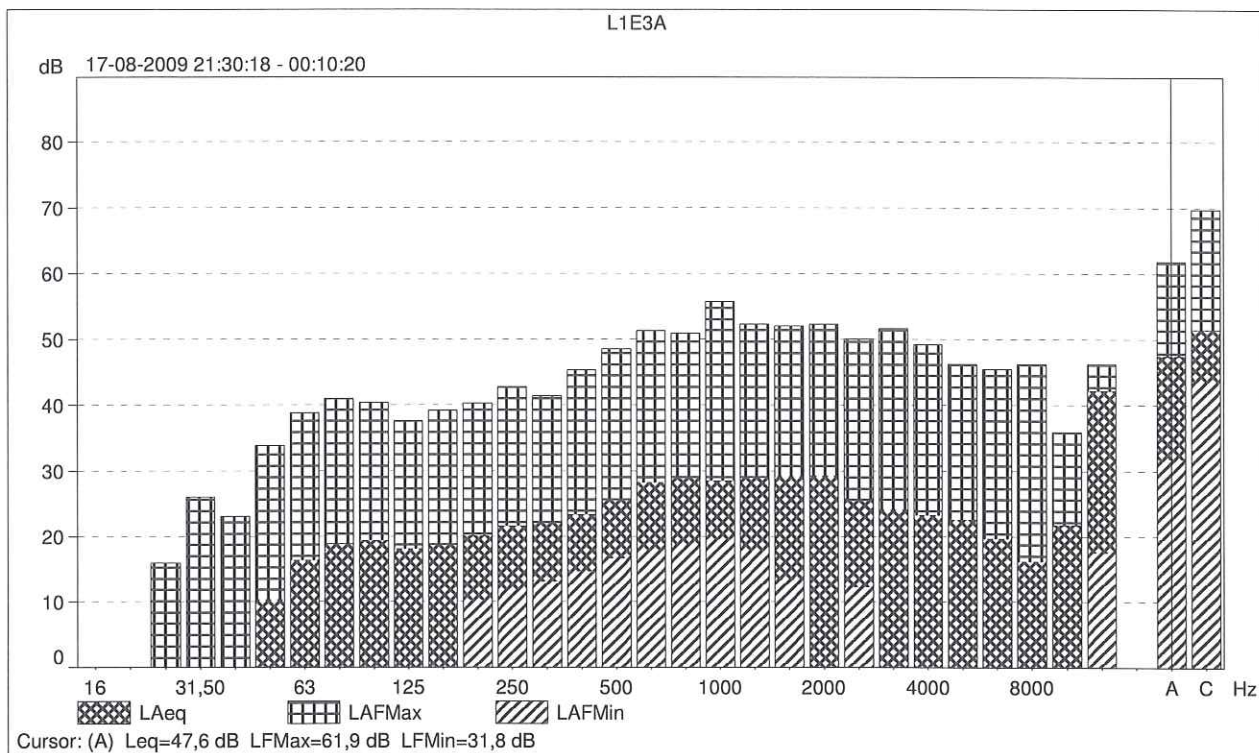
L1E3A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	47,6	48,6	61,9	81,9	10,4	16,4
Time	21:30:18	0:15:03							
Date	17-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	18,8	19,4	18,2	18,8	20,1	21,6	22,0	23,4
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	25,4	28,3	28,9	28,5	29,1	29,2	29,3	25,4
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	24,1	23,3	22,6	19,8	16,3	21,8	42,2
Time							
Date							





L1E3B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		17-08-2009 21:45:39
End Time:		17-08-2009 22:00:41
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		17-08-2009 11:35:52
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

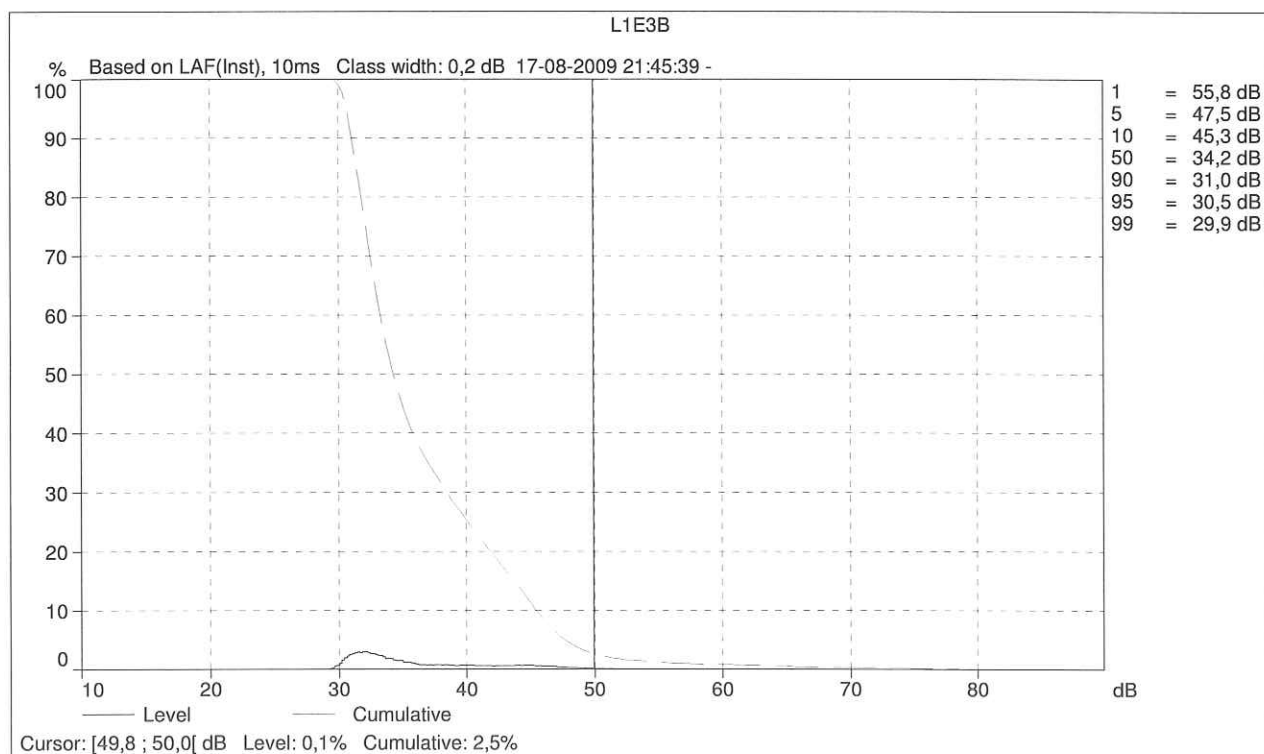
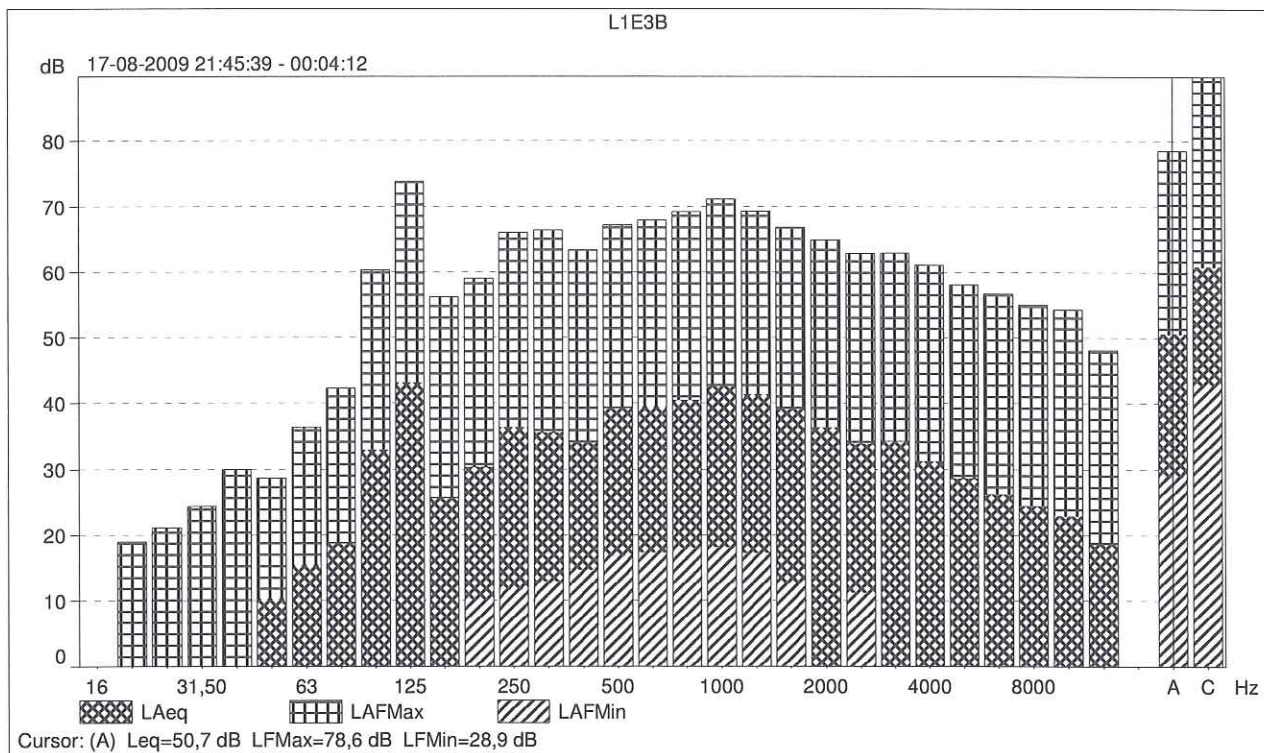
L1E3B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	50,7	53,8	78,6	92,9	10,3	15,5
Time	21:45:39	0:15:02							
Date	17-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	18,8	32,9	43,2	25,7	30,4	36,3	35,6	34,0
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	39,3	39,5	40,5	42,7	41,4	39,2	36,3	33,9
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	34,3	31,3	28,6	26,3	24,5	23,0	18,6
Time							
Date							



L2E3A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		20-08-2009 22:20:10
End Time:		20-08-2009 22:36:06
Elapsed Time:		0:15:56
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

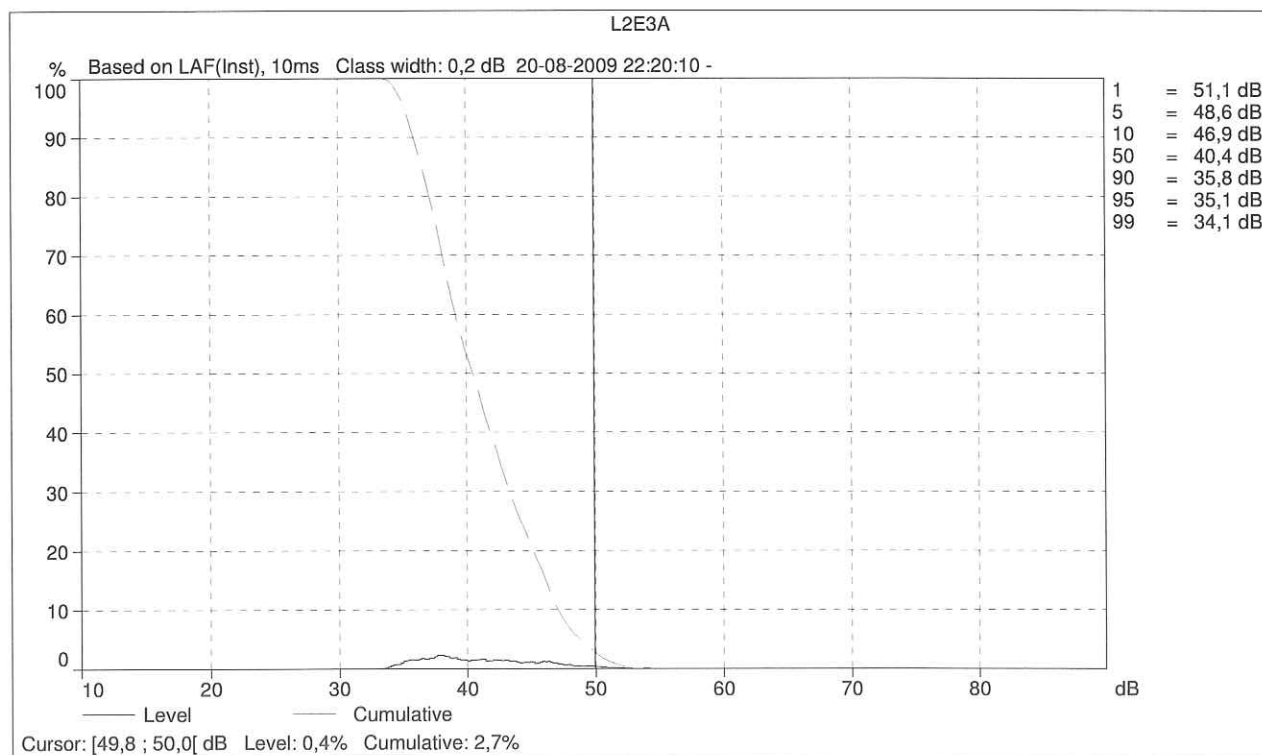
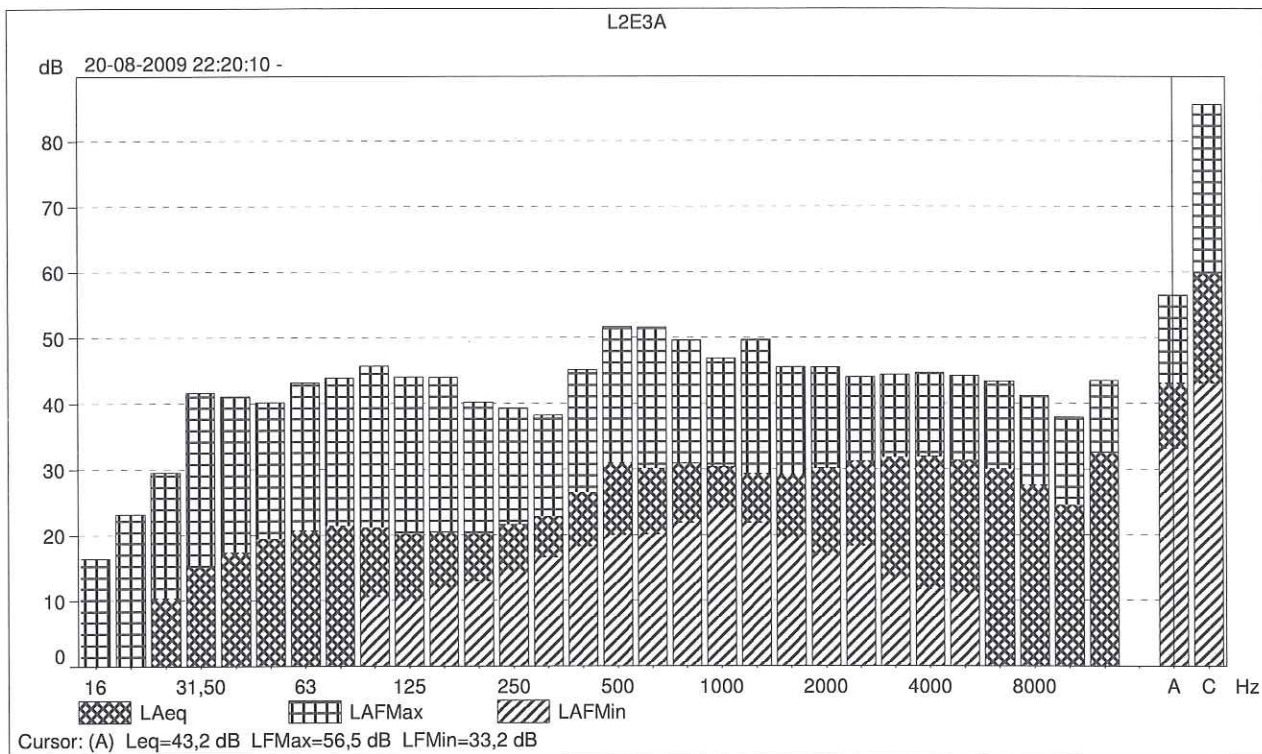
L2E3A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAI _m [dB]	LAF _{Max} [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	43,2	45,9	56,5	92,9	19,5	20,7
Time	22:20:10	0:15:56							
Date	20-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	21,4	21,2	20,2	20,4	20,2	21,6	22,8	26,5
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	31,0	30,1	30,9	30,4	29,4	29,2	30,2	31,3
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	31,9	31,9	31,4	30,1	27,7	24,6	32,5
Time							
Date							



L2E3B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		20-08-2009 22:37:58
End Time:		20-08-2009 22:52:59
Elapsed Time:		0:15:01
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

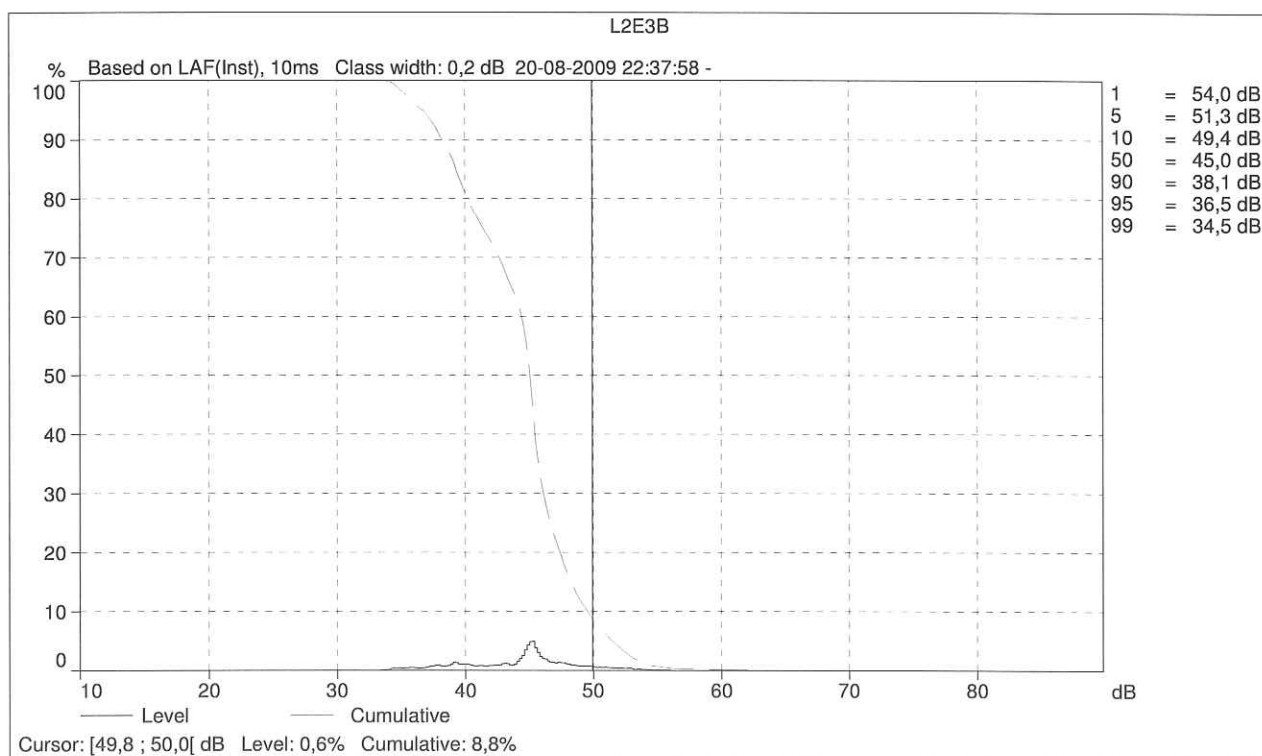
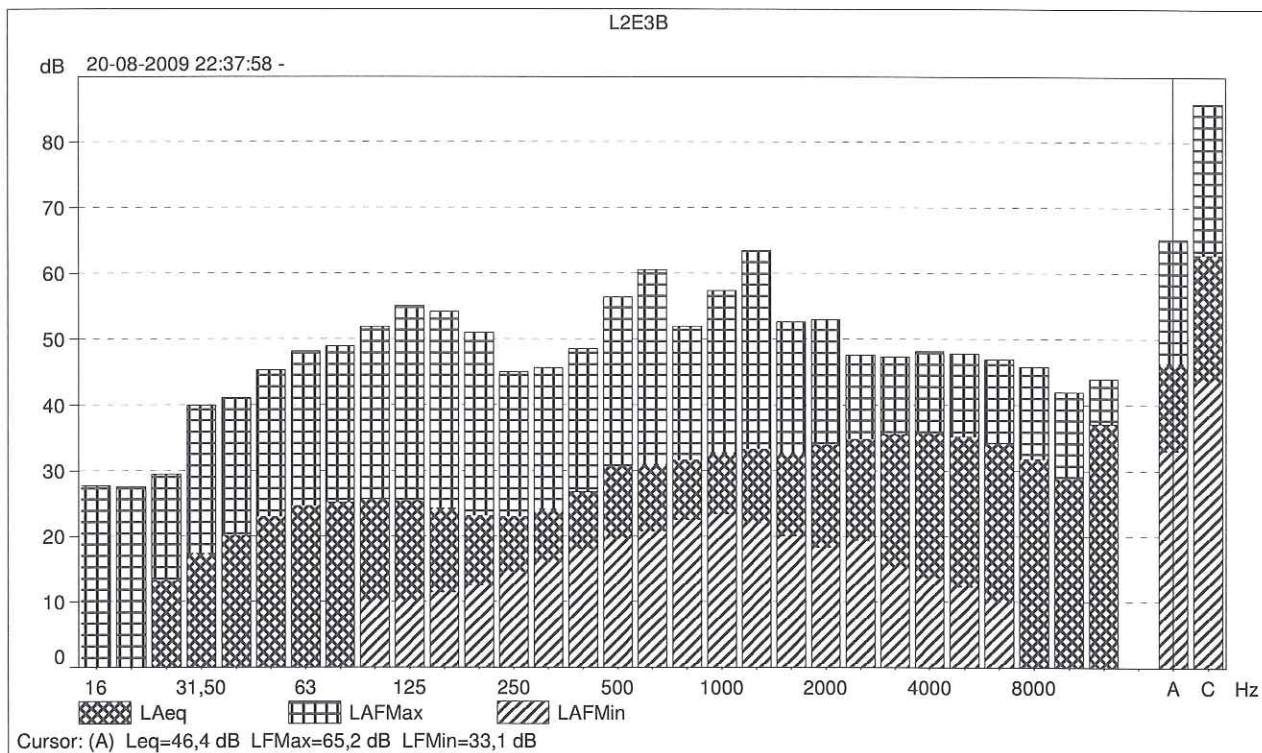
L2E3B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	46,4	49,5	65,2	92,9	23,0	24,7
Time	22:37:58	0:15:01							
Date	20-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	25,2	25,6	25,4	24,3	23,2	23,0	24,1	26,8
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	30,6	31,0	31,7	32,8	33,3	32,7	33,9	34,8
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	35,5	35,7	35,3	34,1	31,9	28,8	37,2
Time							
Date							





L1E4B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		13-08-2009 21:04:39
End Time:		13-08-2009 21:19:42
Elapsed Time:		0:15:03
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		12-08-2009 23:48:46
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

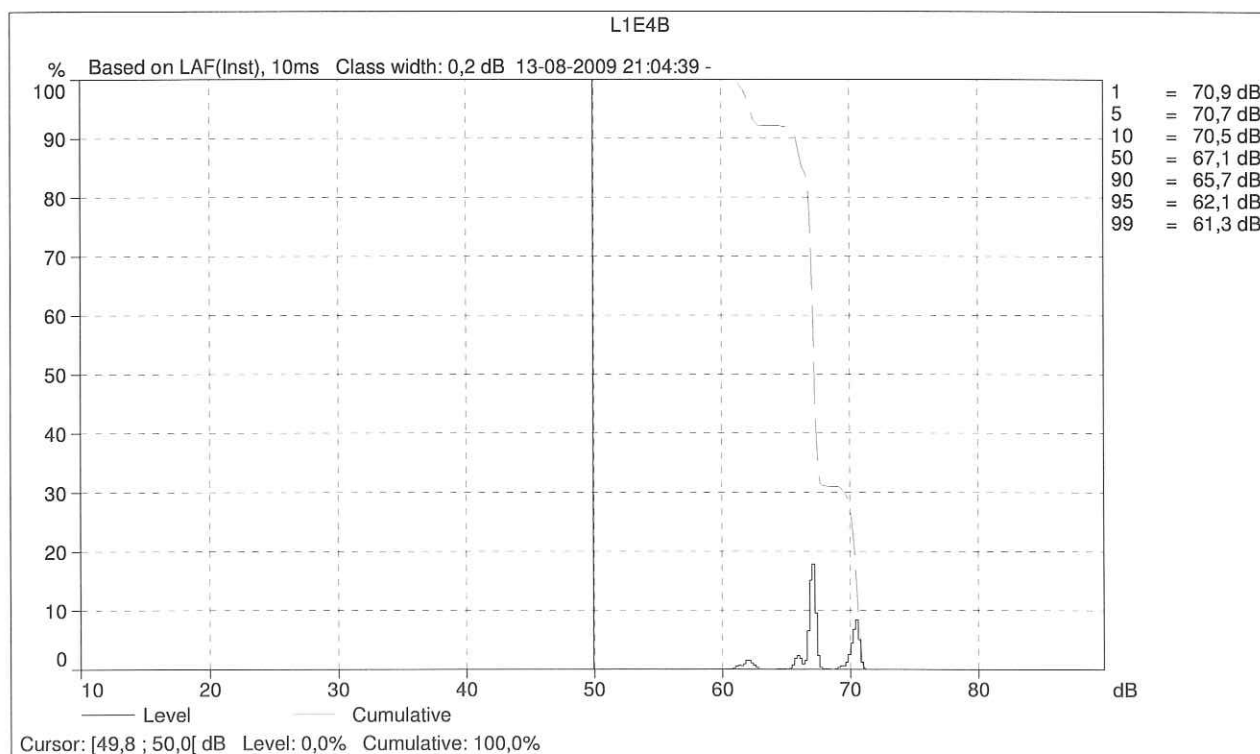
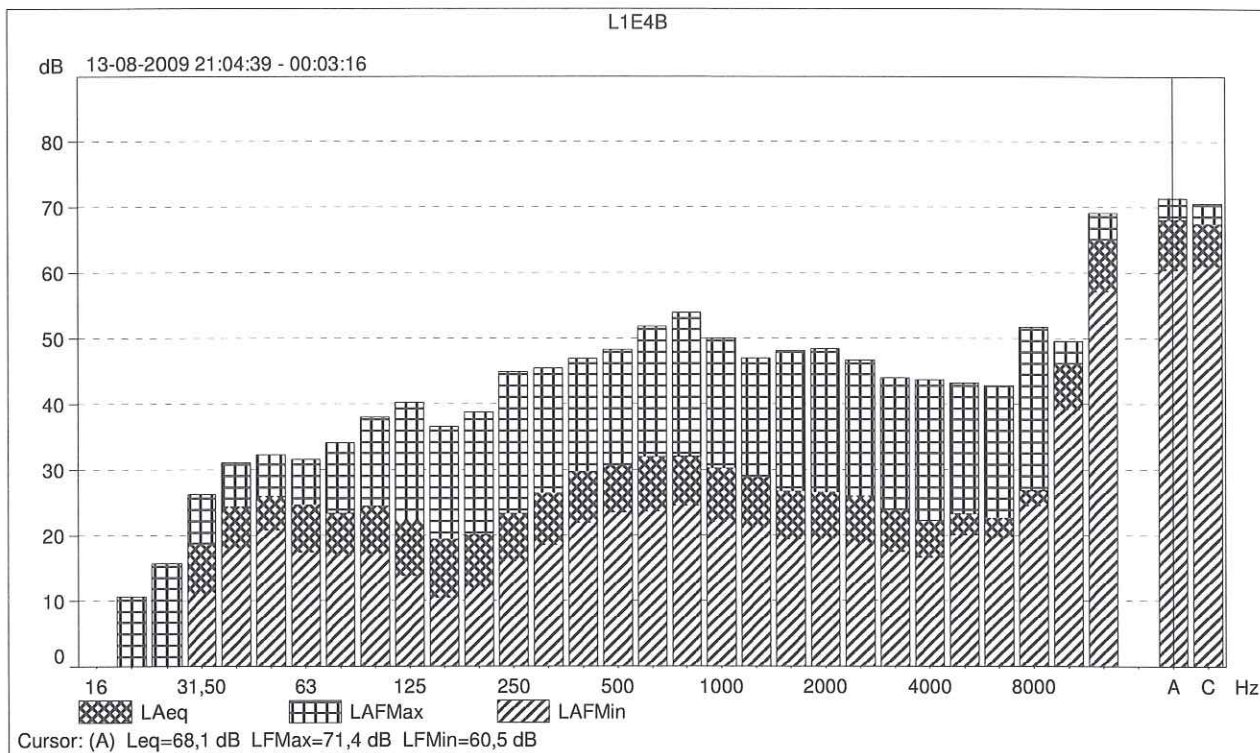
L1E4B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	68,1	68,5	71,4	83,8	26,0	24,7
Time	21:04:39	0:15:03							
Date	13-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	23,4	24,5	22,3	19,5	20,1	23,4	26,5	29,7
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	30,6	32,0	32,1	30,2	28,9	26,8	26,6	26,0
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	23,9	22,3	23,3	22,7	26,9	46,2	65,1
Time							
Date							





L1E4C

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		13-08-2009 21:20:58
End Time:		13-08-2009 21:36:00
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		12-08-2009 23:48:46
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

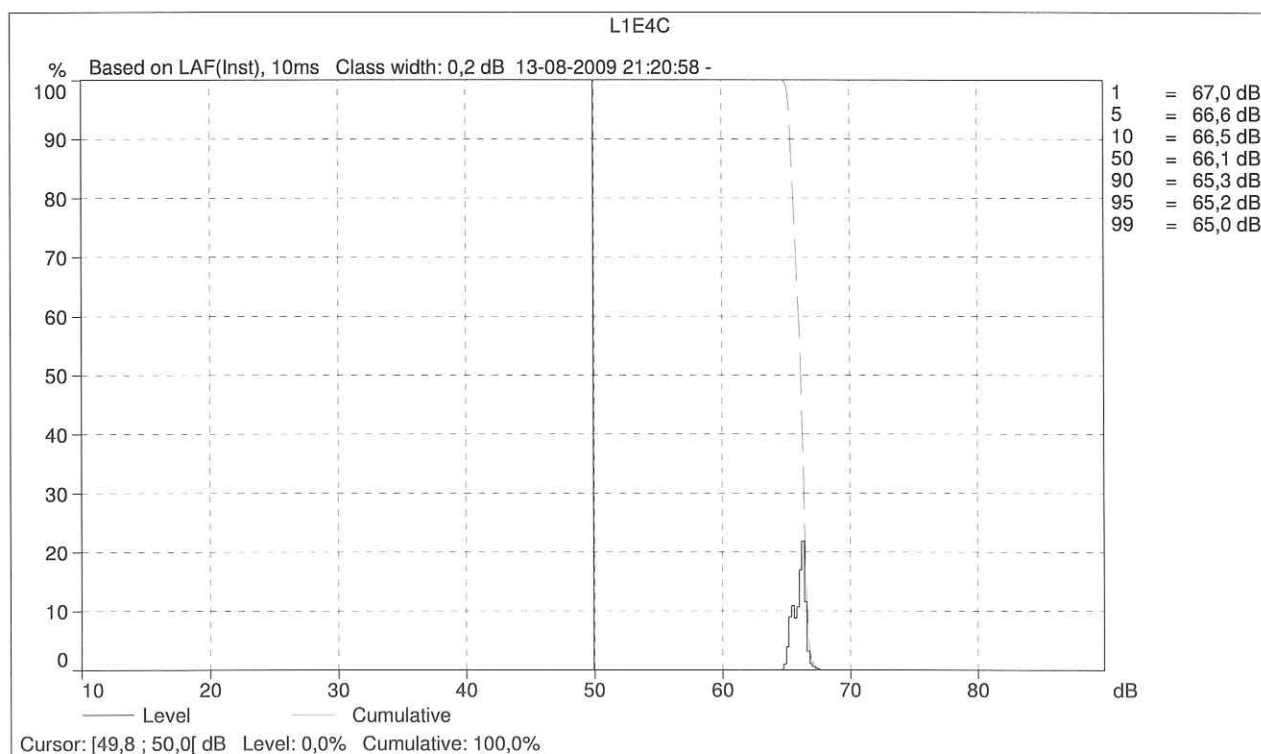
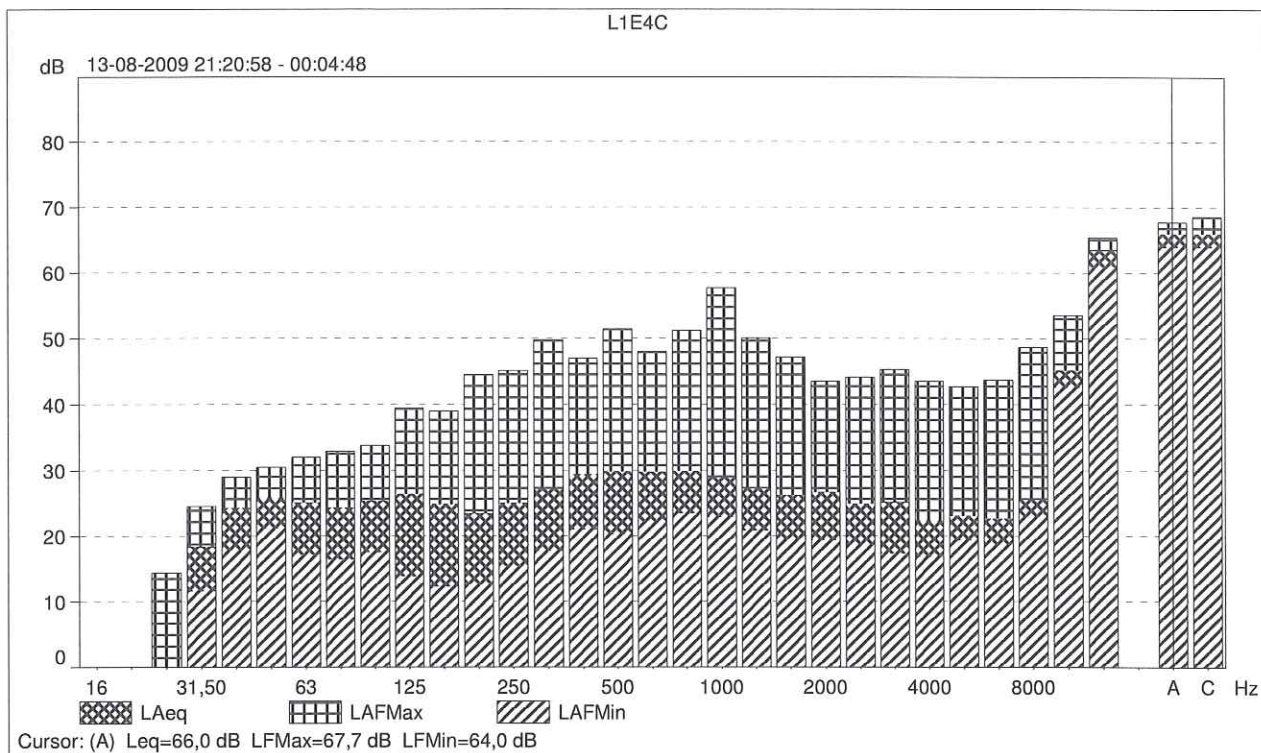
L1E4C

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	66,0	66,3	67,7	85,6	25,9	25,1
Time	21:20:58	0:15:02							
Date	13-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	24,4	25,4	26,5	24,9	23,5	25,0	27,2	29,4
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	29,9	29,8	29,9	29,0	27,3	26,2	26,7	25,0
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	25,2	22,4	23,1	22,7	25,7	45,3	63,4
Time							
Date							



L2E4B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		20-08-2009 21:20:37
End Time:		20-08-2009 21:35:39
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

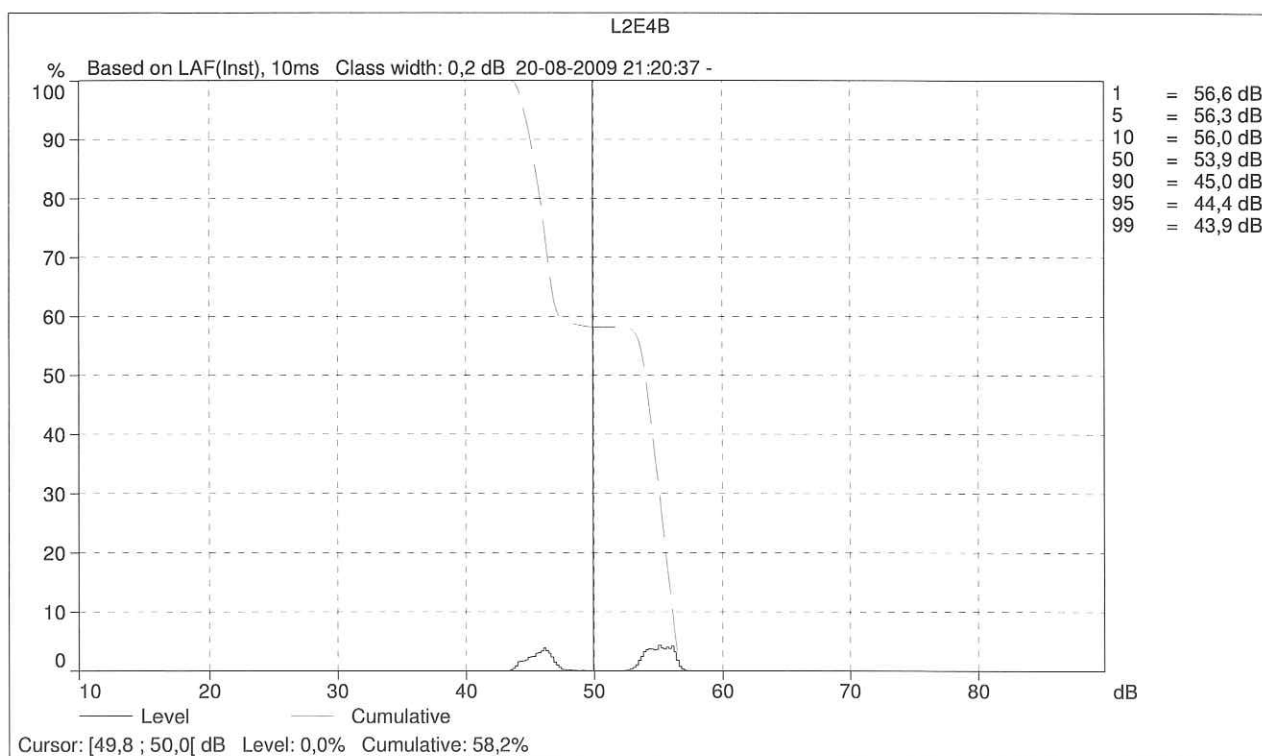
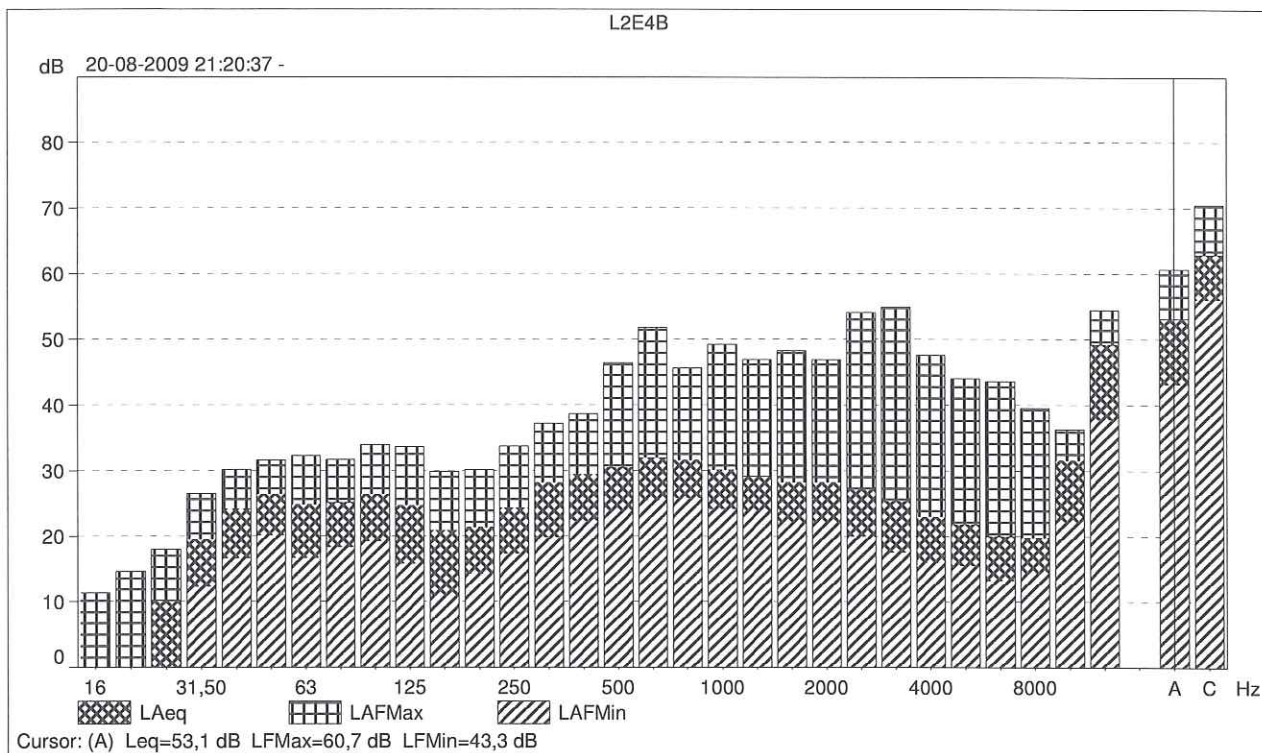
L2E4B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAI _m [dB]	LAF _{Max} [dB]	LC _{pk} (MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	53,1	53,7	60,7	83,2	26,4	24,9
Time	21:20:37	0:15:02							
Date	20-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	25,2	26,4	24,7	20,9	21,4	24,4	28,2	29,4
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	30,6	32,0	31,7	30,2	29,1	28,3	28,3	27,1
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	25,4	23,0	21,9	20,0	19,8	31,7	49,3
Time							
Date							





L2E4C

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		20-08-2009 21:35:54
End Time:		20-08-2009 21:50:55
Elapsed Time:		0:15:01
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

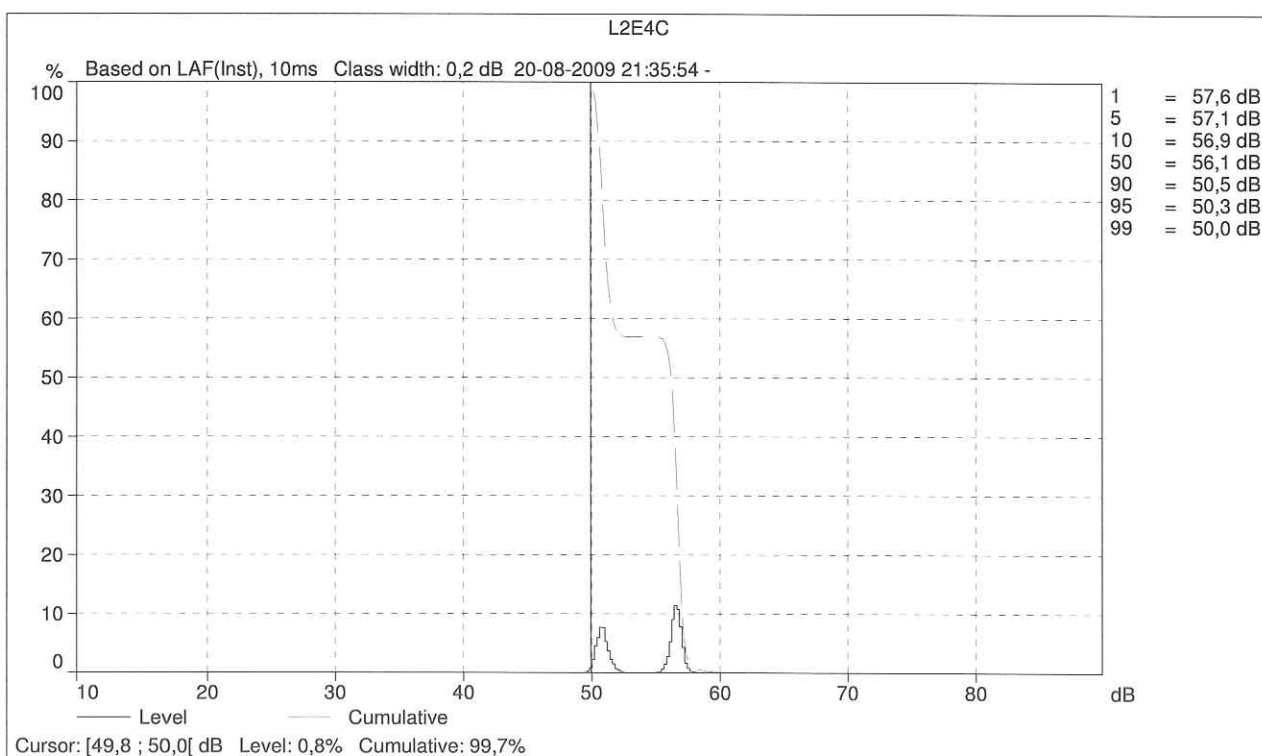
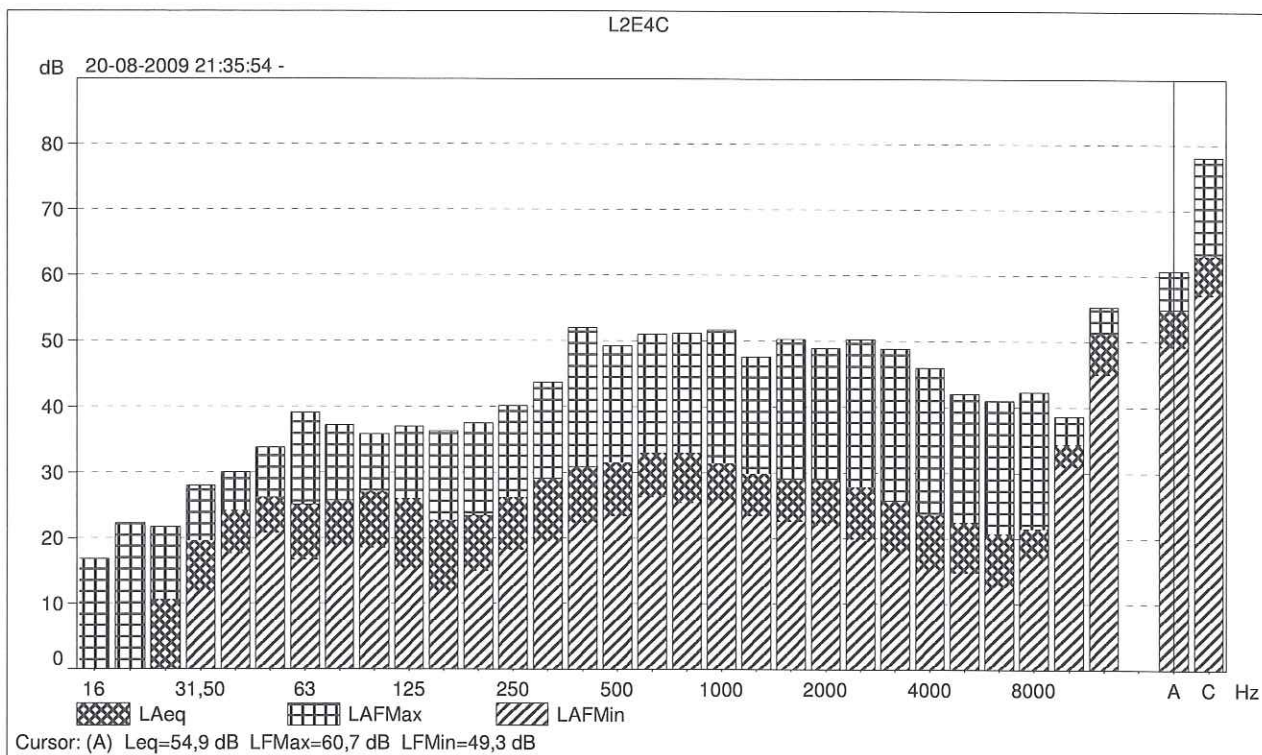
L2E4C

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	54,9	55,4	60,7	85,6	26,3	25,2
Time	21:35:54	0:15:01							
Date	20-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	25,8	27,0	26,0	22,7	23,5	26,2	29,0	30,8
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	31,5	33,1	33,0	31,4	29,9	29,0	29,0	27,8
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	25,7	23,7	22,5	20,8	21,5	34,5	51,3
Time							
Date							





CENTRAL DE CICLO COMBINADO DE LARES
ACOMPANHAMENTO E GESTÃO AMBIENTAL
Relatório de Monitorização



RUÍDO PARTICULAR

REGISTOS OBTIDOS PELO ANALISADOR DE RUÍDO 2260

LOCAIS/PONTOS DE MEDIÇÃO	CÓDIGO DO REGISTO DO SONÓMETRO ¹	L _{AEQ} ² dB(A)	L _{AEQ} MÉDIO ³ dB(A)	LAFMAX ⁴ dB(A)	CÓDIGO DO REGISTO DO SONÓMETRO ¹	L _{AEQ} ² dB(A)	L _{AEQ} MÉDIO ³ dB(A)	LAFMAX ⁴ dB(A)
1ª SÉRIE DE AMOSTRAS MEDIDAS – L1					2ª SÉRIE DE AMOSTRAS MEDIDAS – L2			
NOCTURNO								
1 - LARES	L1N1A	52,1	52,6	73,8	L2N1A	50,2	50,9	70,0
	L1N1B	53,0		74,1	L2N1B	53,9		73,9
2 – MATOS PINA	L1N2B	47,7	47,1	58,3	L2N2A	35,3	35,2	62,4
	L1N2C	46,5		60,2	L2N2C	35,0		63,9
3 – FEITEIRA DE BAIXO	L1N3A	43,1	45,5	60,0	L2N3A	45,7	44,0	61,6
	L1N3B	47,1		75,3	L2N3B	41,4		56,7
4 – MOINHO DE ALMOXARIFE	L1N4A	58,8	59,5	64,3	L2N4A	56,6	56,2	64,1
	L1N4B	60,1		62,9	L2N4B	55,8		65,0



L1N1A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		17-08-2009 23:40:30
End Time:		17-08-2009 23:55:52
Elapsed Time:		0:15:22
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		19,9-99,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		17-08-2009 11:35:52
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

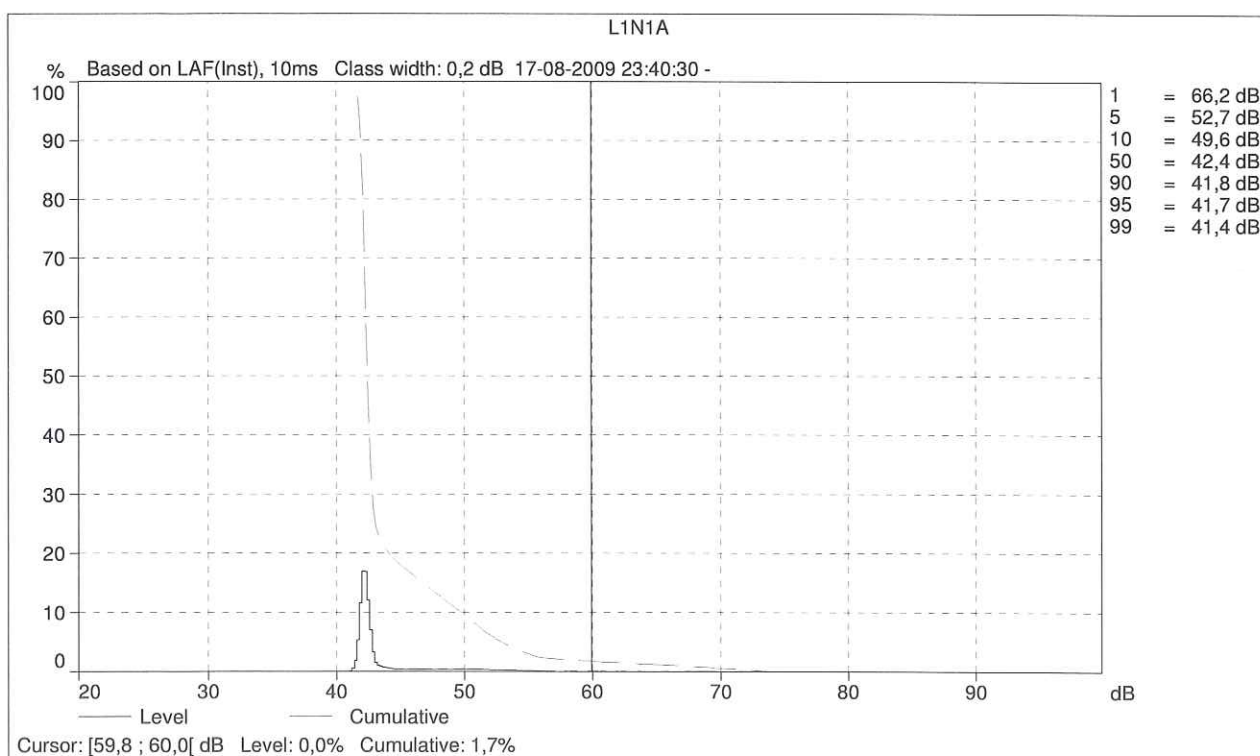
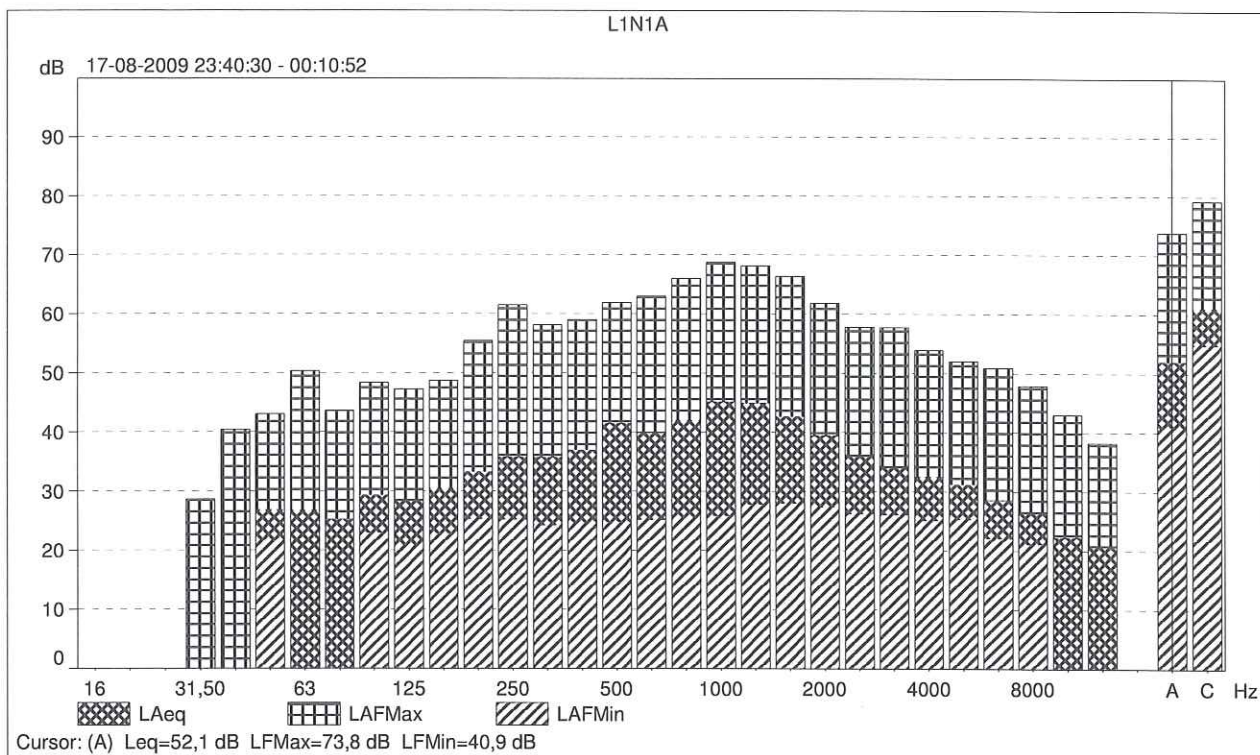
L1N1A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	52,1	55,1	73,8	89,1	26,9	26,8
Time	23:40:30	0:15:22							
Date	17-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	25,3	29,4	28,3	30,5	33,3	35,8	35,7	37,0
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	41,5	39,9	42,1	45,2	44,9	42,7	39,5	36,1
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	34,0	32,6	31,3	28,6	26,4	22,3	20,7
Time							
Date							





L1N1B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		17-08-2009 23:56:09
End Time:		18-08-2009 00:11:11
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		19,9-99,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		17-08-2009 11:35:52
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

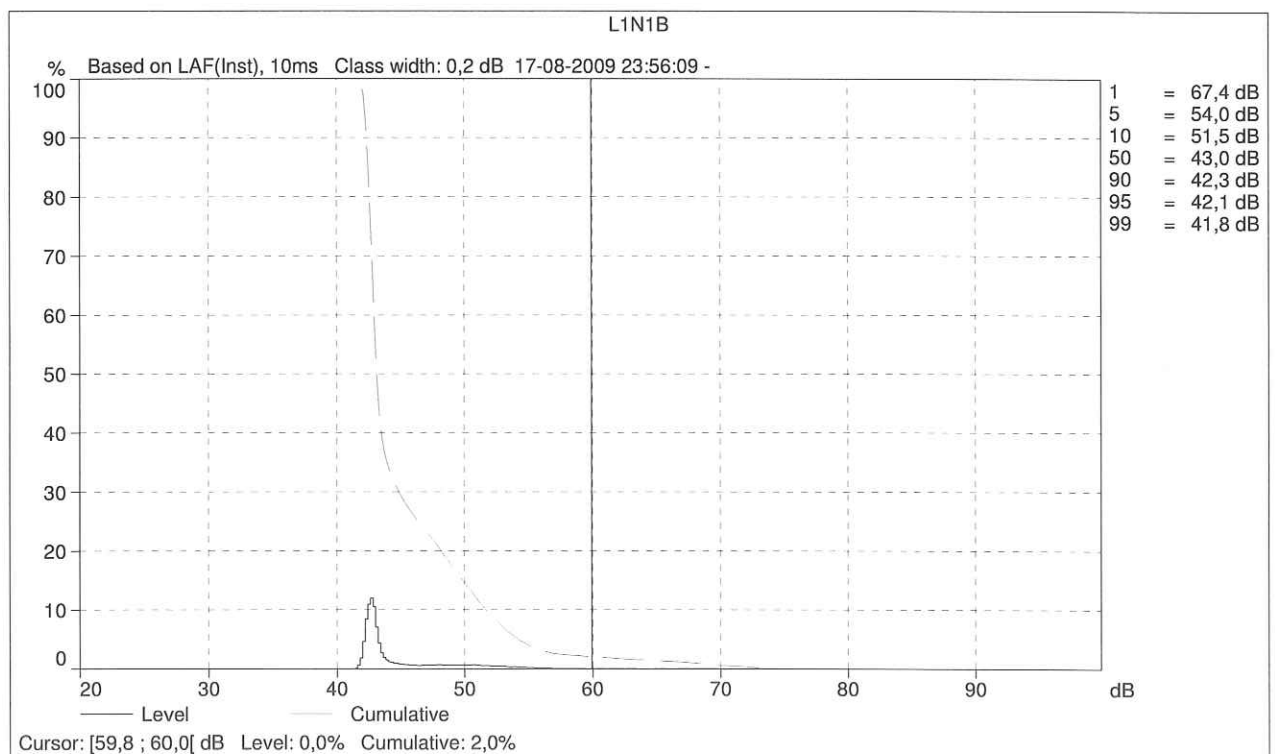
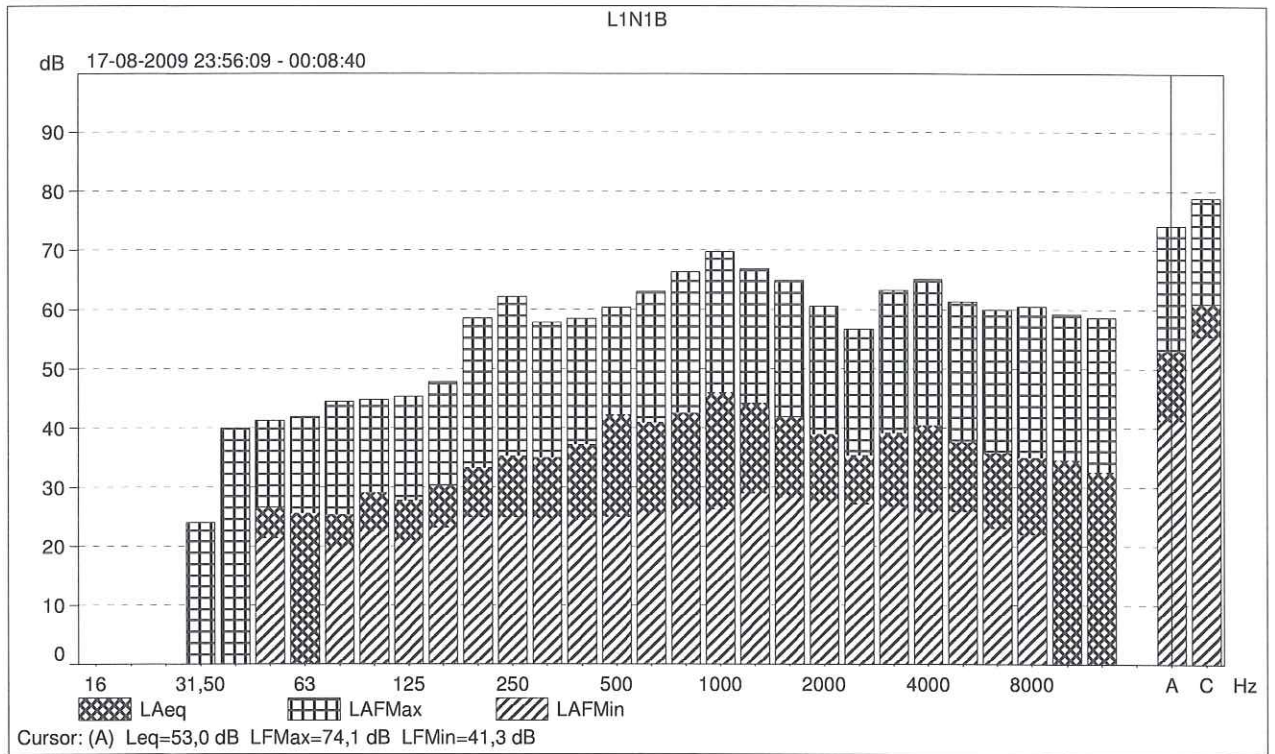
L1N1B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAI _m [dB]	LAF _{Max} [dB]	LC _{pk} (MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	53,0	56,7	74,1	89,9	26,6	25,7
Time	23:56:09	0:15:02							
Date	17-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	25,3	29,1	27,8	30,3	33,3	35,4	35,0	37,3
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	42,3	41,0	42,5	46,0	44,3	41,9	39,0	35,5
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	39,2	40,5	37,6	35,8	35,1	34,7	32,6
Time							
Date							



L2N1A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		26-08-2009 23:01:20
End Time:		26-08-2009 23:16:22
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		19,9-99,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		26-08-2009 20:18:21
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

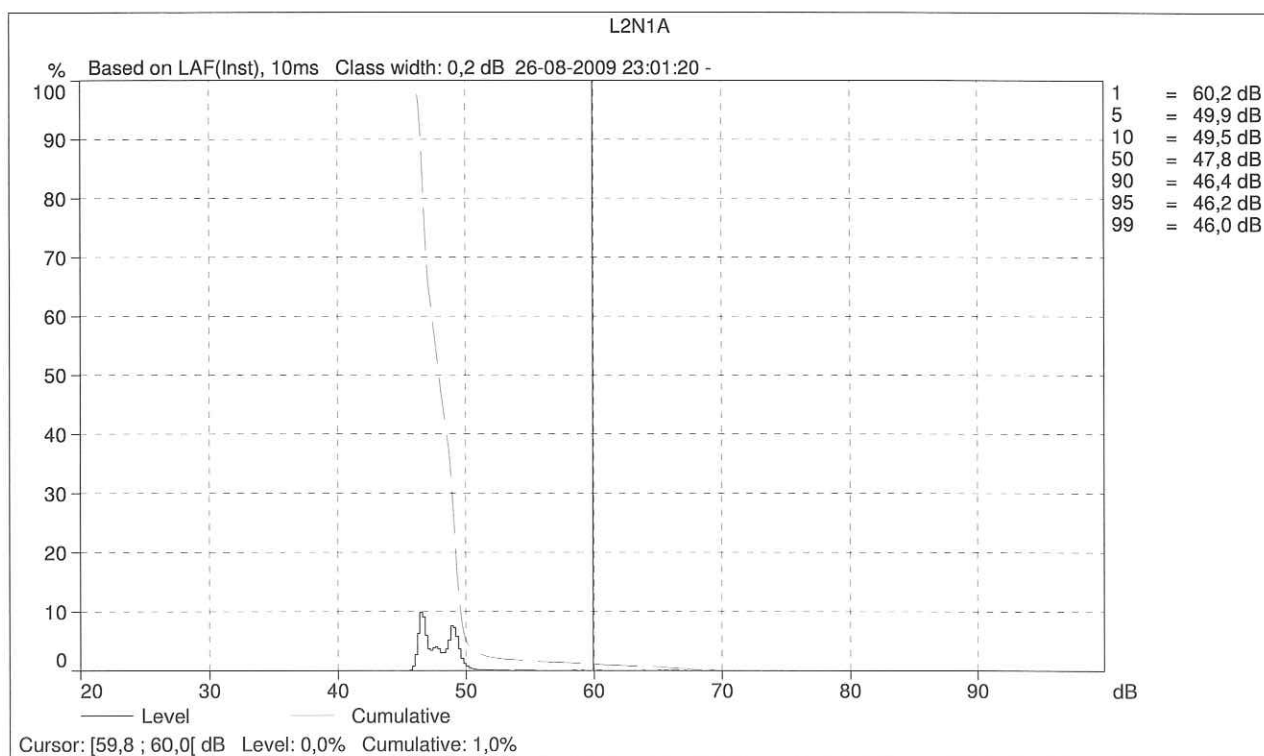
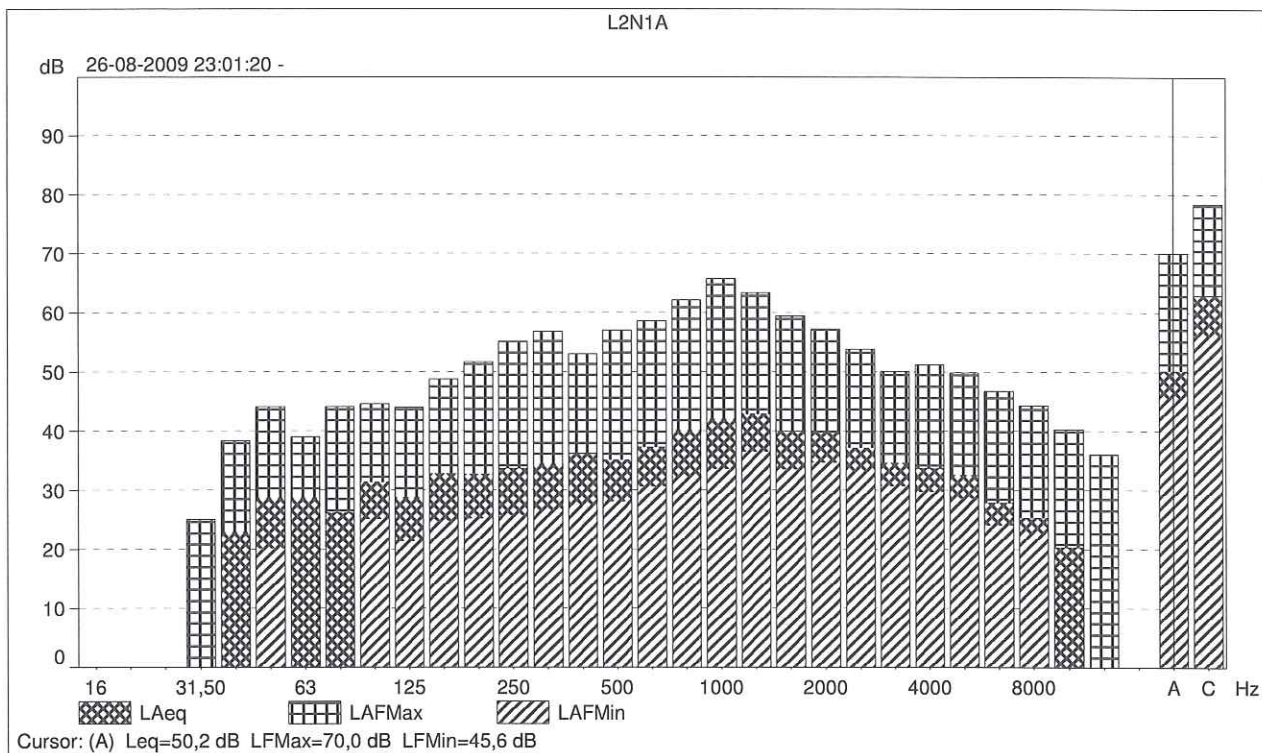
L2N1A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	50,2	51,4	70,0	86,9	28,7	28,7
Time	23:01:20	0:15:02							
Date	26-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	26,2	31,5	28,8	32,8	32,7	33,8	34,4	36,1
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	35,2	37,3	40,1	42,1	43,0	40,0	39,7	37,2
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	34,7	33,8	32,6	27,9	25,4	20,4	---
Time							
Date							



L2N1B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		26-08-2009 23:16:34
End Time:		26-08-2009 23:31:36
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		19,9-99,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		26-08-2009 20:18:21
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

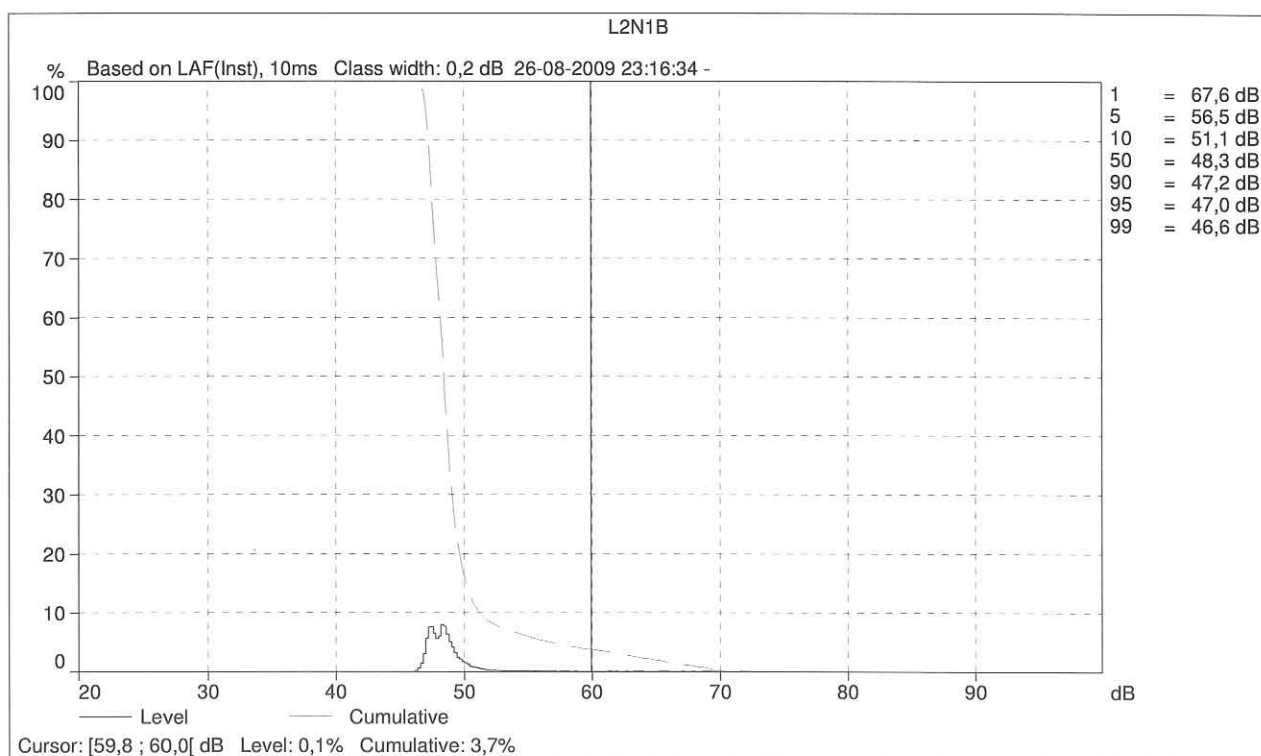
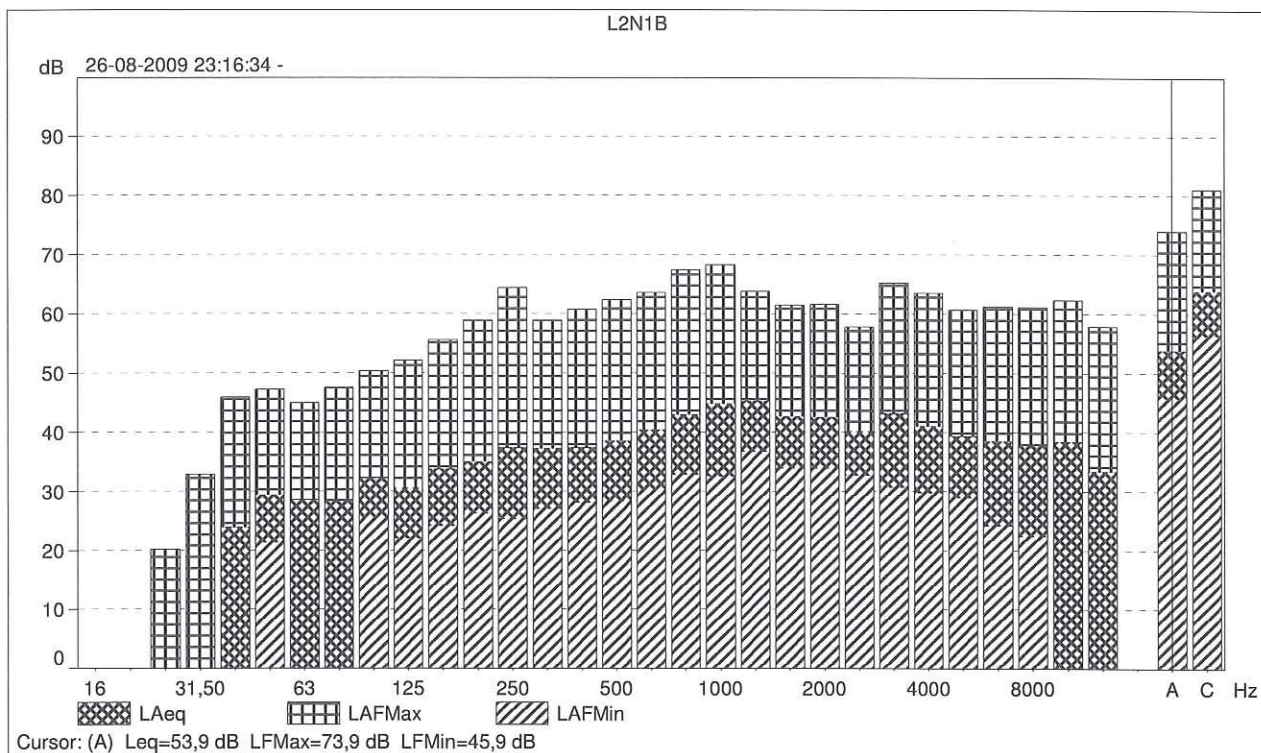
L2N1B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	53,9	56,1	73,9	95,7	29,4	28,6
Time	23:16:34	0:15:02							
Date	26-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	28,4	32,3	30,6	33,9	35,1	37,4	37,3	37,5
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	38,6	40,4	43,0	44,9	45,4	42,7	42,6	40,3
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	43,3	41,1	39,4	38,6	37,8	38,5	33,5
Time							
Date							





L1N2B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		13-08-2009 23:17:38
End Time:		13-08-2009 23:32:40
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		12-08-2009 23:48:46
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

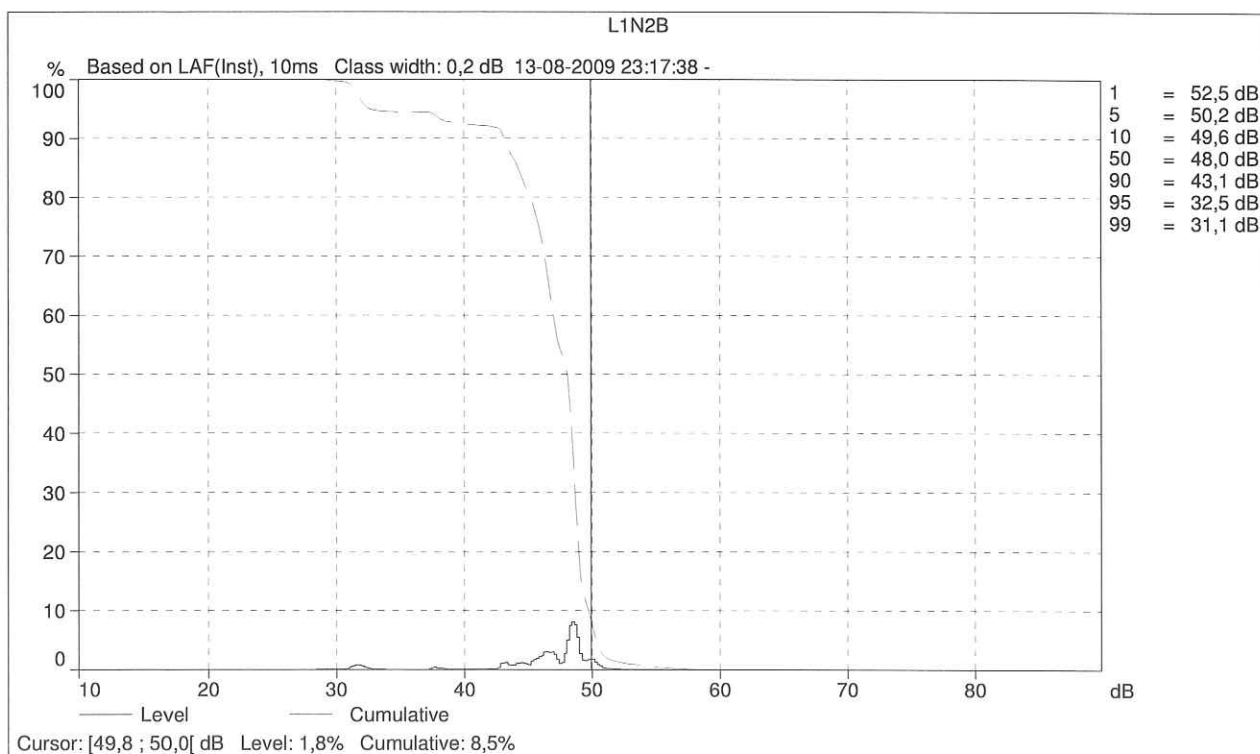
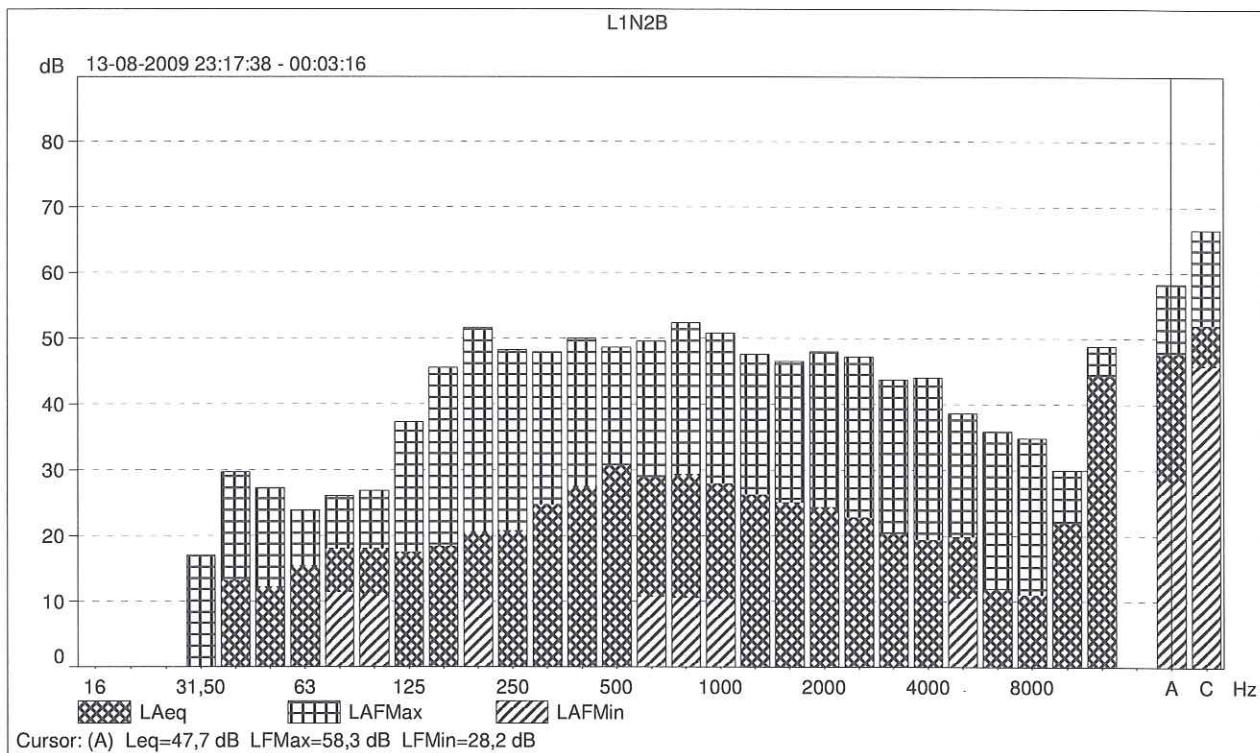
L1N2B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	47,7	48,8	58,3	84,2	12,2	15,5
Time	23:17:38	0:15:02							
Date	13-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	18,1	18,1	17,6	18,4	20,6	20,8	24,8	27,5
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	30,8	28,9	29,4	28,0	26,3	25,2	24,4	22,9
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	20,4	19,4	19,9	12,0	11,0	22,0	44,3
Time							
Date							





L1NC

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		13-08-2009 23:37:54
End Time:		13-08-2009 23:53:40
Elapsed Time:		0:15:46
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		12-08-2009 23:48:46
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

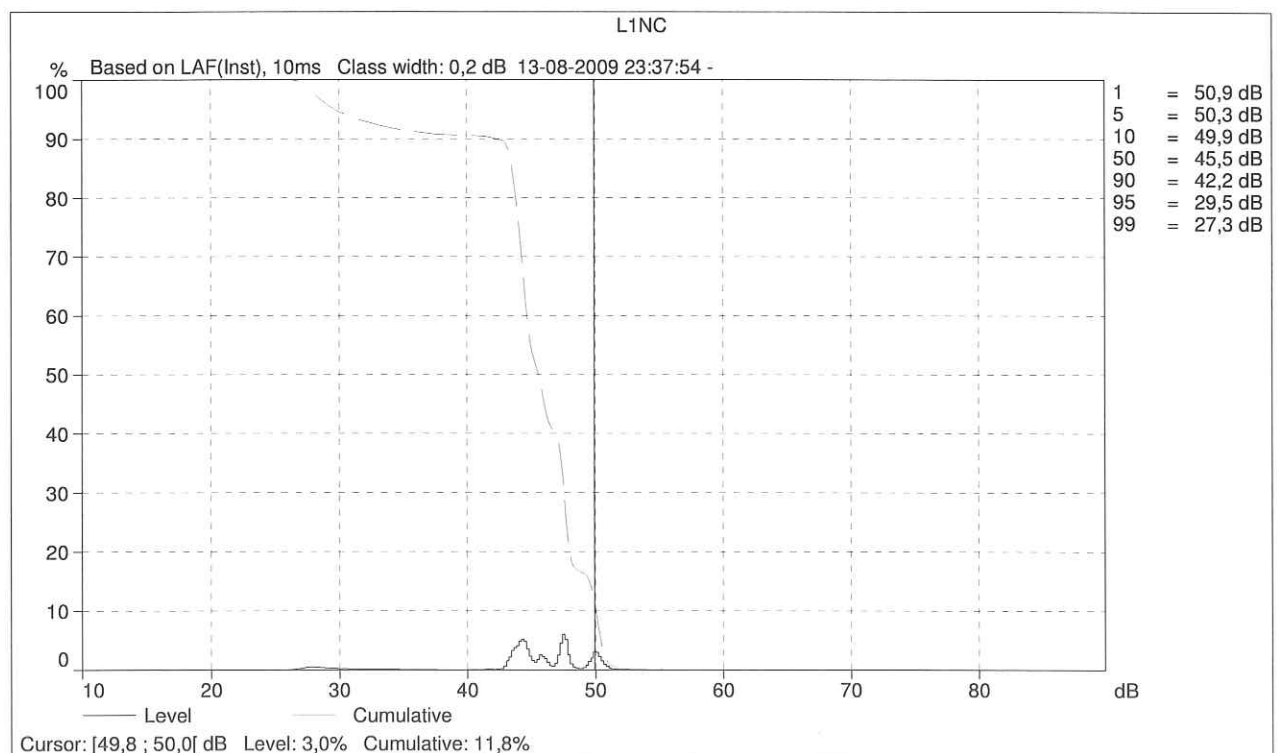
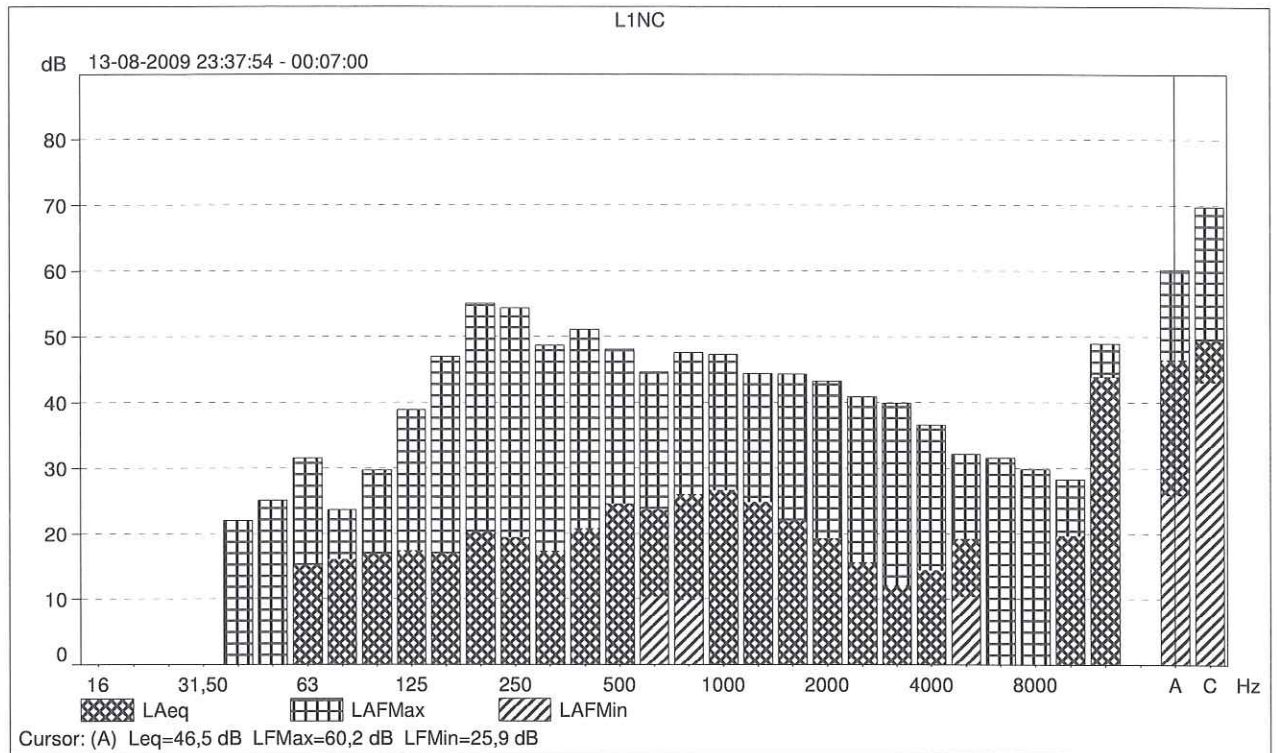
L1NC

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	46,5	47,5	60,2	84,4	---	15,3
Time	23:37:54	0:15:46							
Date	13-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	16,1	16,9	17,4	17,1	20,3	19,4	17,4	20,9
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	24,6	23,6	26,0	26,7	24,8	22,0	19,3	15,7
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	12,1	14,5	19,3	---	---	19,8	44,0
Time							
Date							





L2N2A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		26-08-2009 23:39:39
End Time:		26-08-2009 23:54:41
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		26-08-2009 20:18:21
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

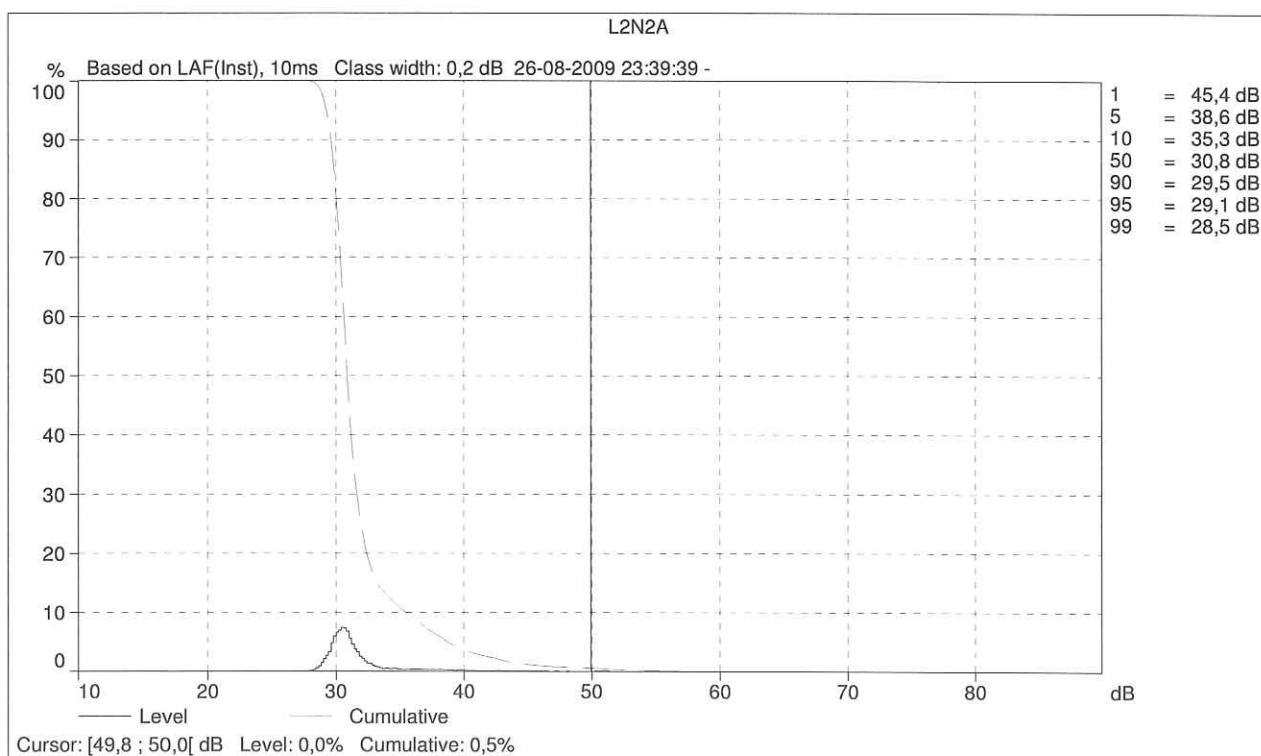
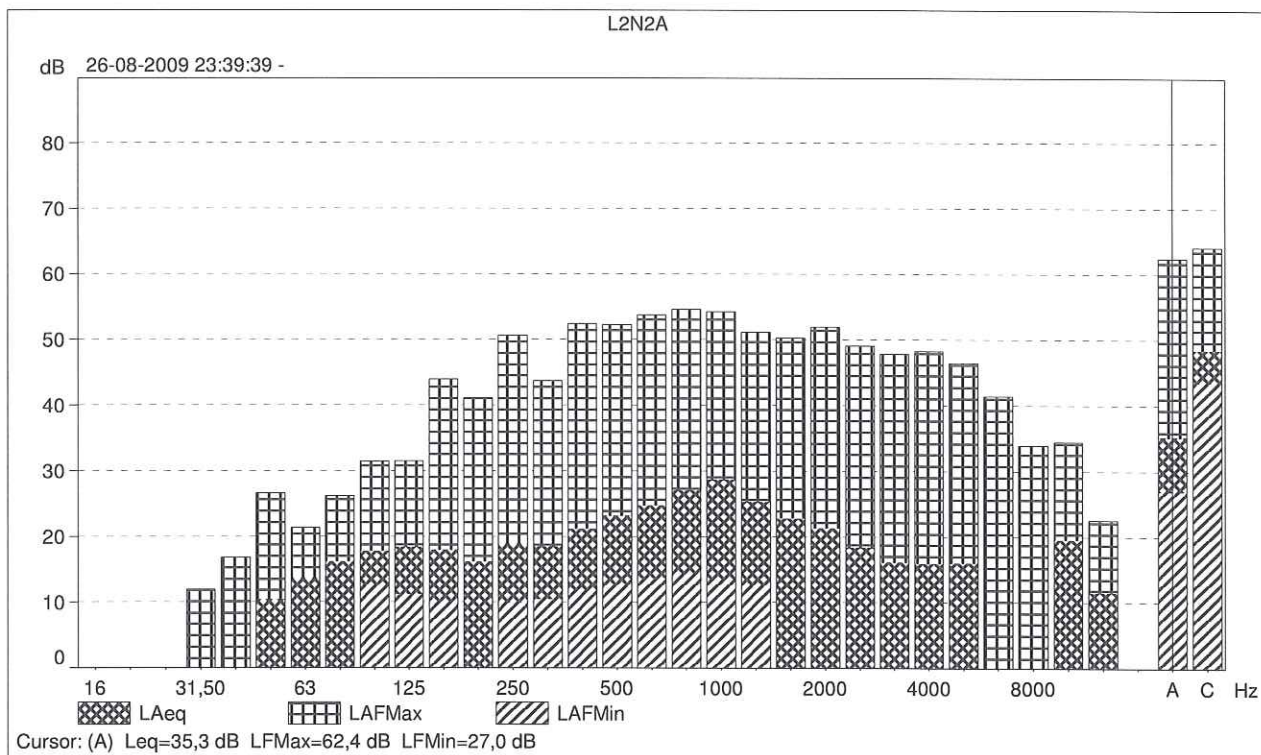
L2N2A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	35,3	42,5	62,4	80,7	10,4	13,7
Time	23:39:39	0:15:02							
Date	26-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	16,2	17,8	18,4	18,0	16,2	18,9	18,5	21,1
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	23,2	24,8	27,1	28,7	25,3	22,8	21,3	18,4
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	16,2	15,9	16,0	---	---	19,6	11,6
Time							
Date							



L2N2C

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		27-08-2009 00:10:07
End Time:		27-08-2009 00:25:09
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		26-08-2009 20:18:21
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

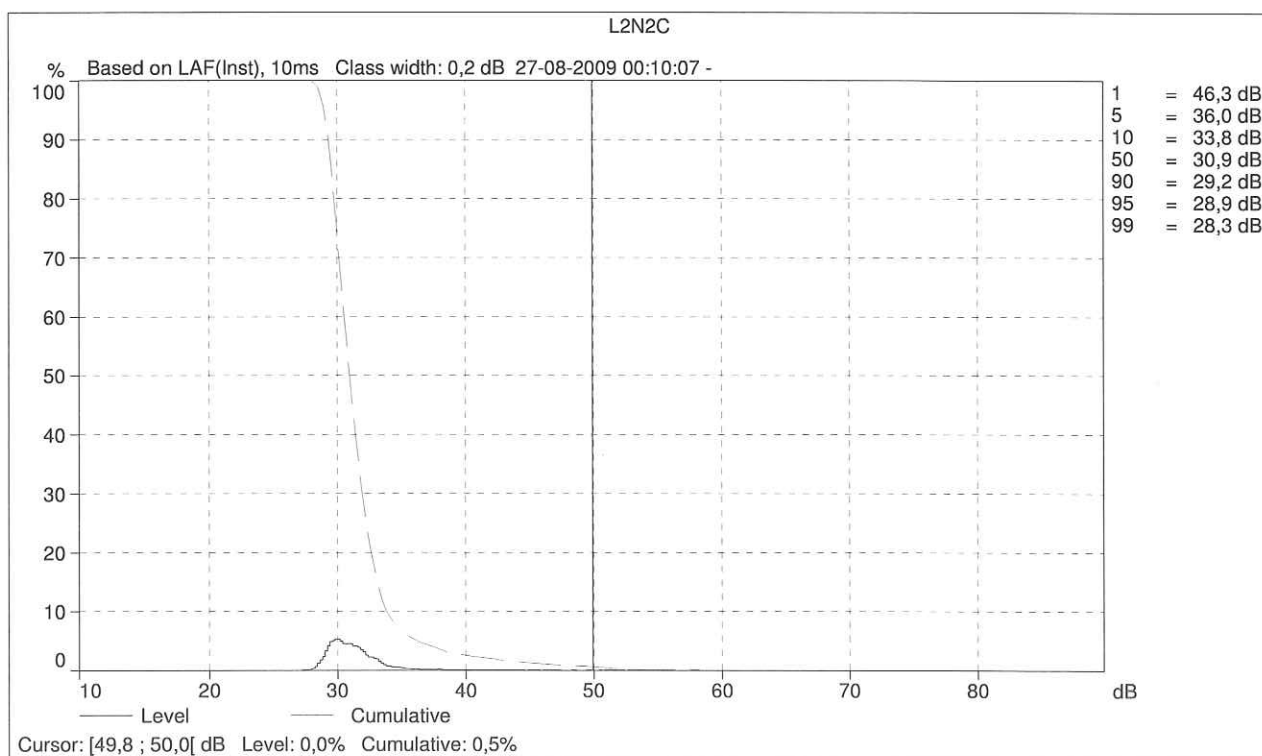
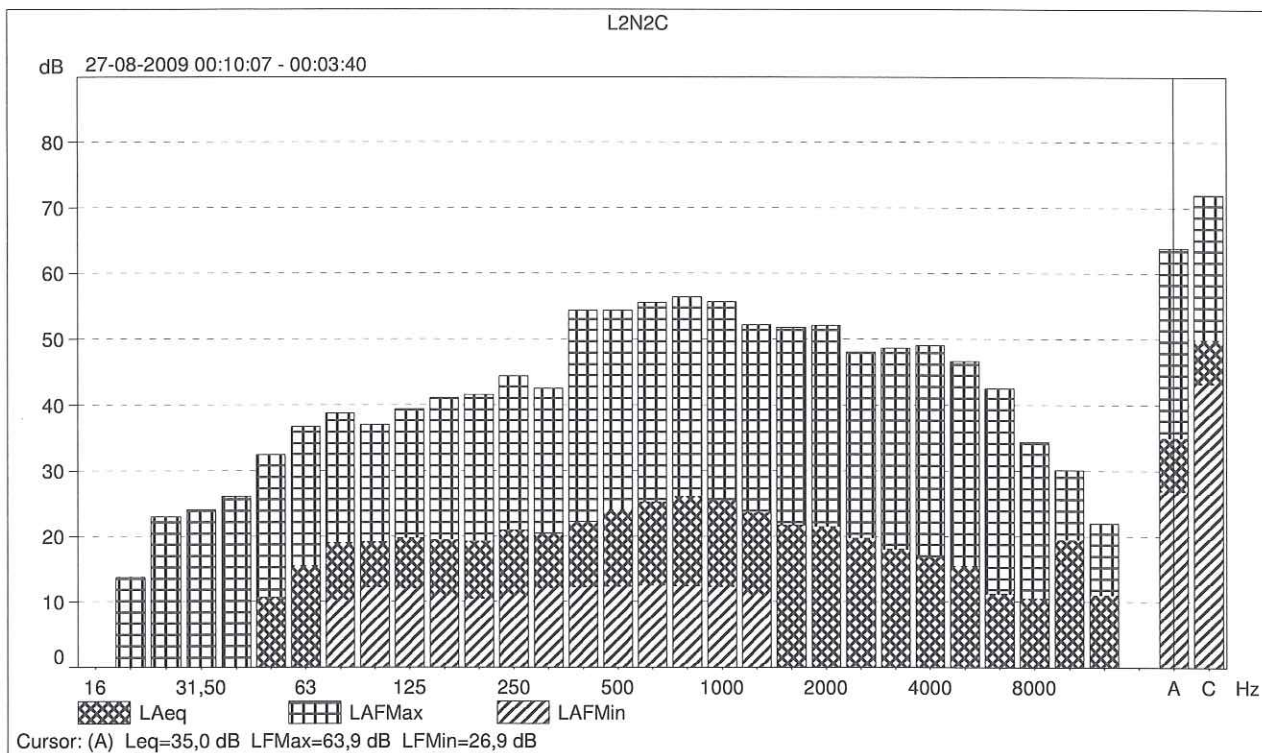
L2N2C

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	35,0	42,1	63,9	82,2	10,7	15,5
Time	00:10:07	0:15:02							
Date	27-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	19,1	19,2	19,8	19,5	19,3	21,0	20,4	22,2
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	24,0	25,3	26,1	25,5	23,6	21,8	21,6	19,8
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	18,1	16,9	15,6	11,3	10,5	19,5	11,1
Time							
Date							





L1N3A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		17-08-2009 23:02:00
End Time:		17-08-2009 23:18:41
Elapsed Time:		0:16:41
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		17-08-2009 11:35:52
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

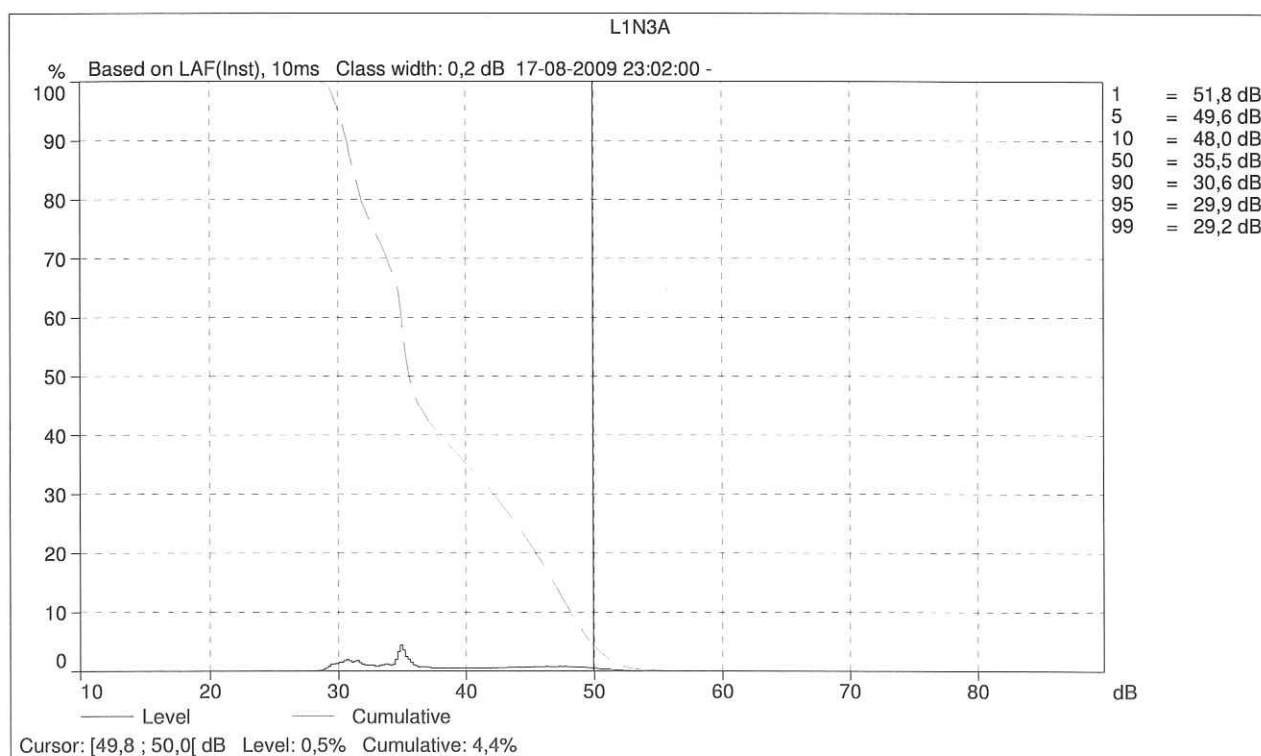
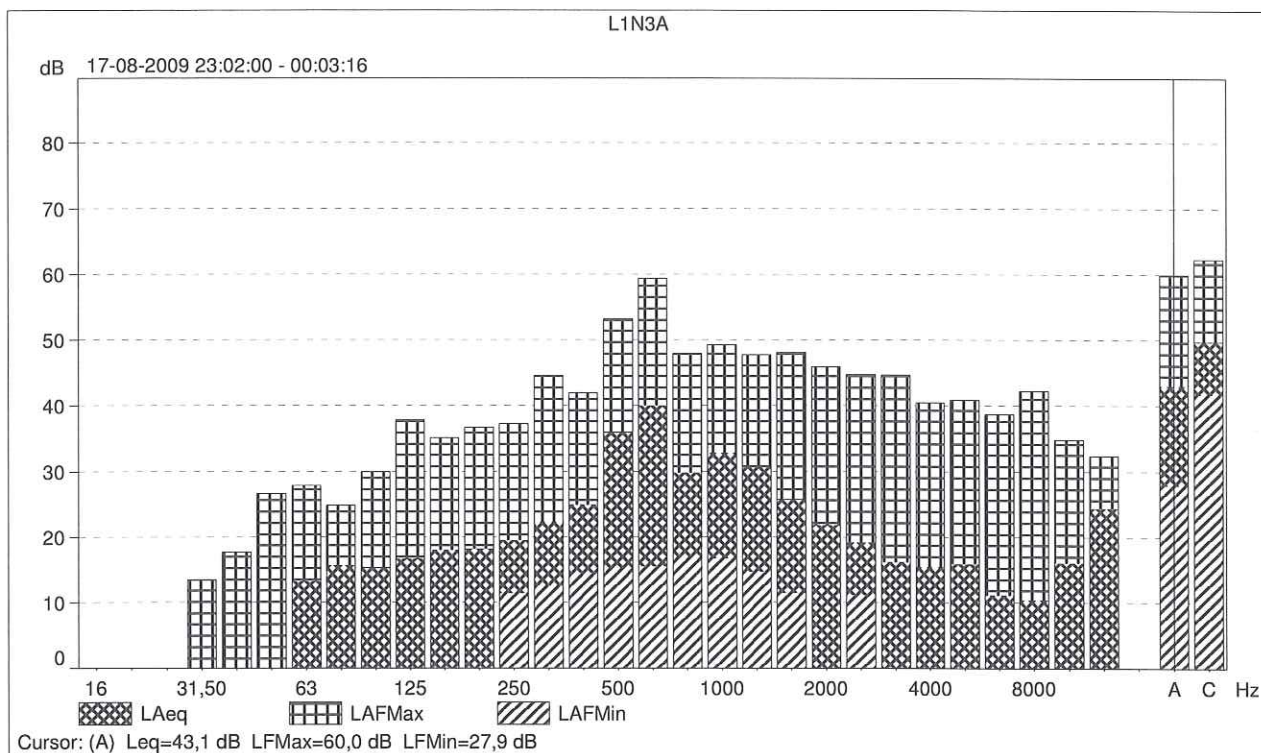
L1N3A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	43,1	50,0	60,0	74,5	---	13,2
Time	23:02:00	0:16:41							
Date	17-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	15,8	15,2	16,7	18,0	18,3	19,5	22,3	25,0
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	35,9	40,0	29,8	32,8	30,7	25,7	21,8	19,2
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	16,3	15,5	15,9	11,2	10,5	16,1	24,4
Time							
Date							



L1N3B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		17-08-2009 23:19:17
End Time:		17-08-2009 23:34:22
Elapsed Time:		0:15:05
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		17-08-2009 11:35:52
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

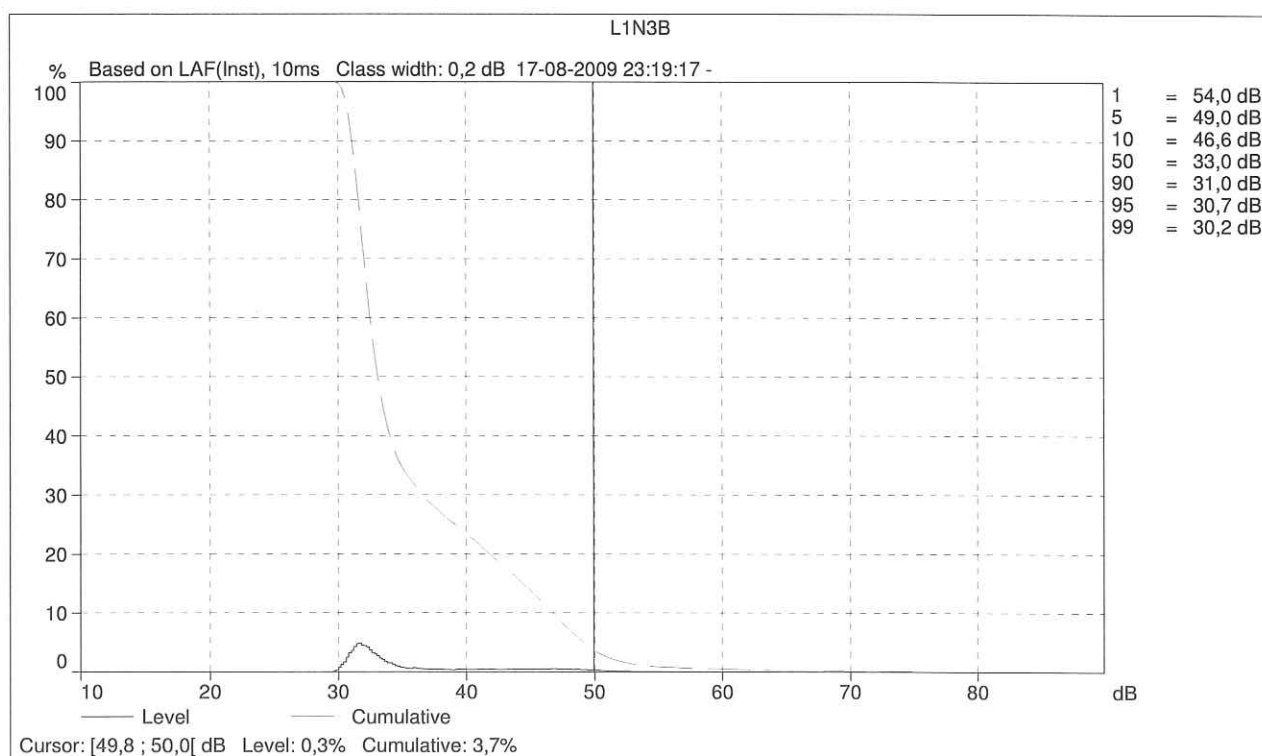
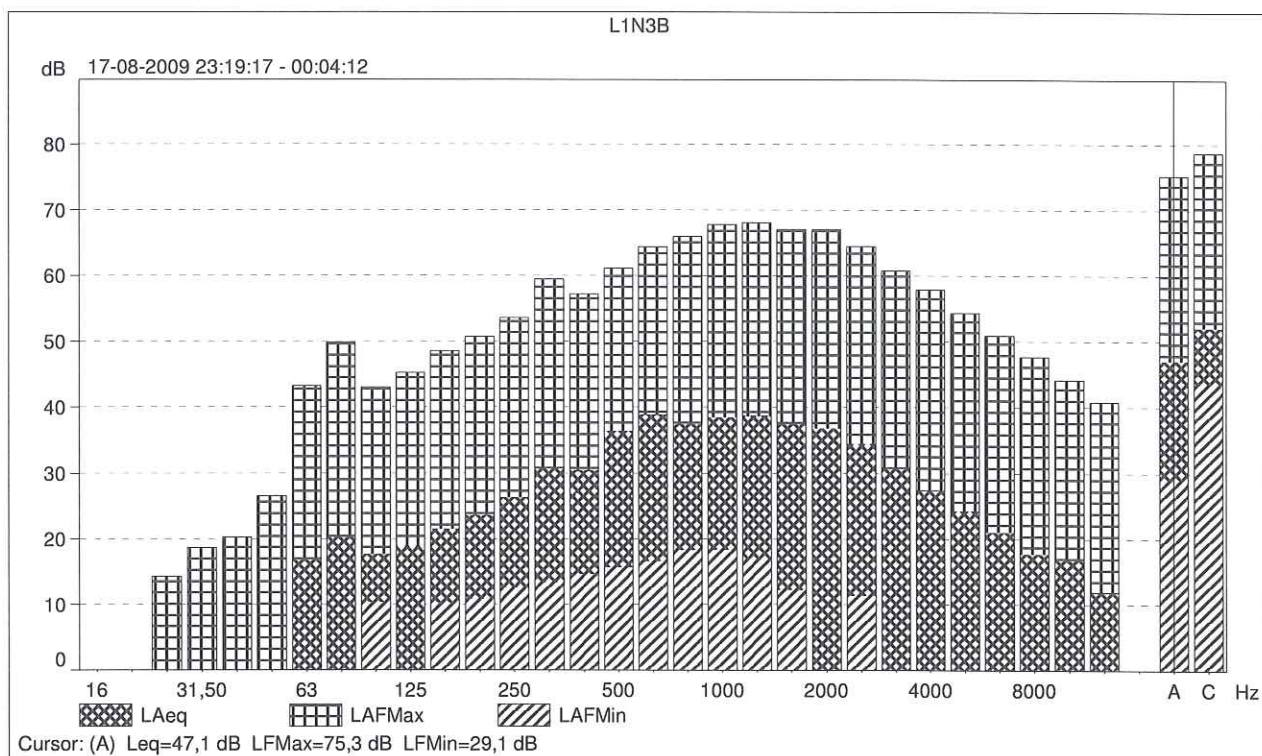
L1N3B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	47,1	51,7	75,3	89,2	---	16,8
Time	23:19:17	0:15:05							
Date	17-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	20,3	17,7	18,9	21,6	23,6	26,3	30,8	30,4
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	36,4	38,9	37,4	38,5	38,8	37,5	36,8	34,5
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	30,7	27,4	24,3	21,1	17,8	16,9	11,9
Time							
Date							



L2N3A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		20-08-2009 23:53:34
End Time:		21-08-2009 00:08:39
Elapsed Time:		0:15:05
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

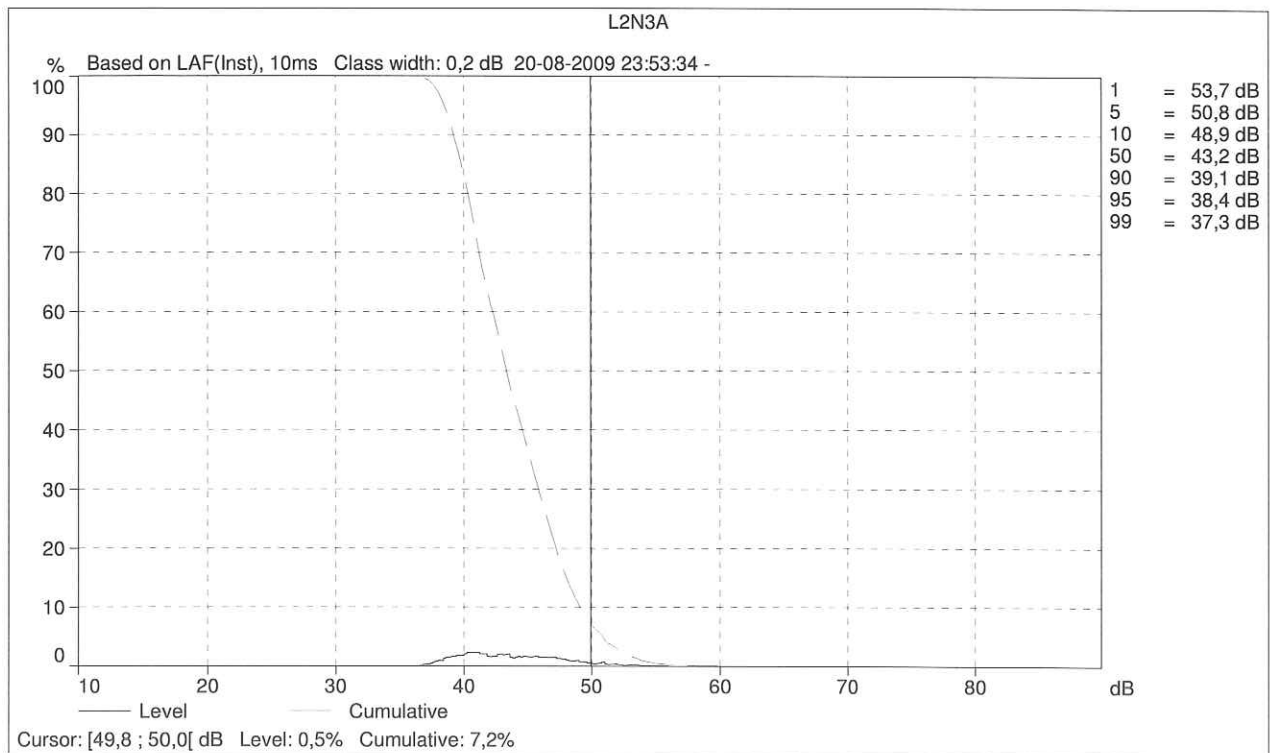
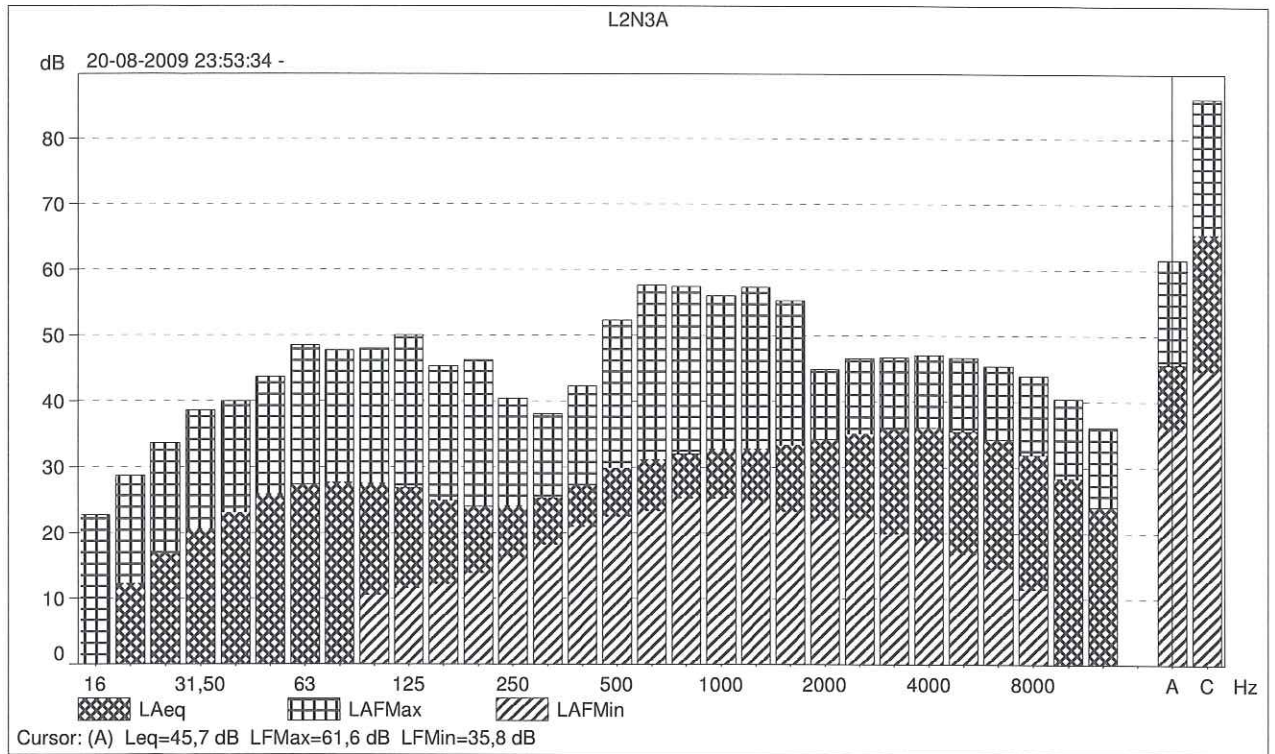
L2N3A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAlm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	45,7	48,3	61,6	92,9	25,9	27,4
Time	23:53:34	0:15:05							
Date	20-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	27,7	27,5	26,9	25,0	24,0	24,1	25,3	27,3
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	29,9	31,2	32,0	32,8	32,9	33,4	34,2	35,2
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	35,9	36,0	35,5	34,3	32,0	28,4	24,0
Time							
Date							



L2N3B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		21-08-2009 00:08:53
End Time:		21-08-2009 00:23:55
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

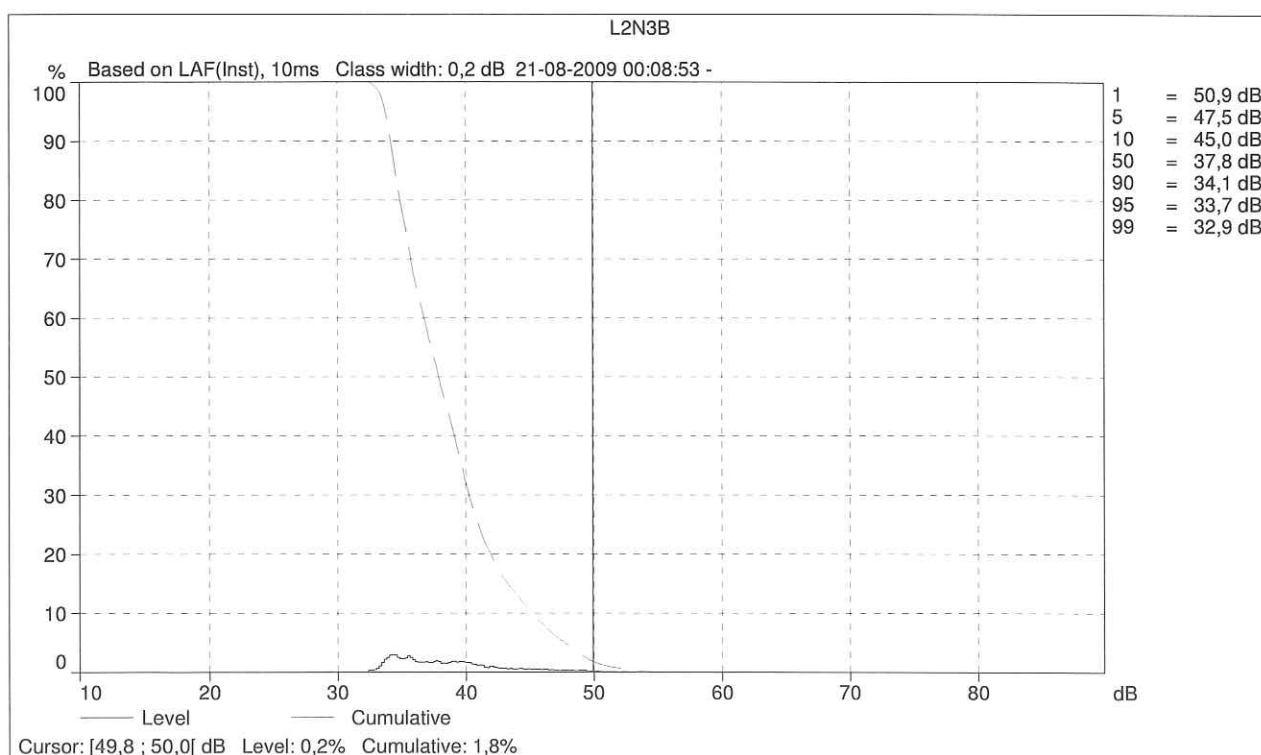
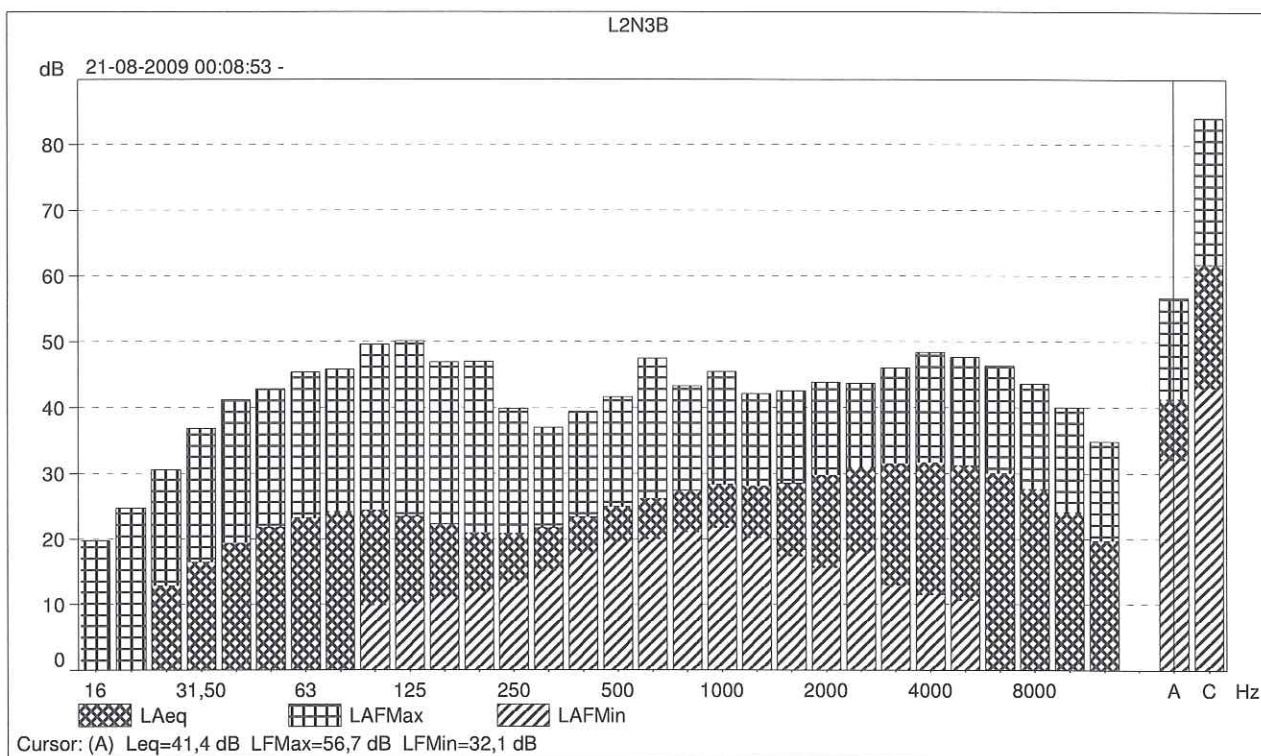
L2N3B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	41,4	43,9	56,7	92,9	21,8	23,3
Time	00:08:53	0:15:02							
Date	21-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	24,2	24,5	23,5	22,3	21,0	20,9	21,7	23,4
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	25,0	26,2	27,4	28,4	28,1	28,6	29,8	30,9
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	31,5	31,7	31,3	30,1	27,7	24,1	19,8
Time							
Date							



CLIA



L1N4A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		14-08-2009 00:19:15
End Time:		14-08-2009 00:34:18
Elapsed Time:		0:15:03
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		12-08-2009 23:48:46
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

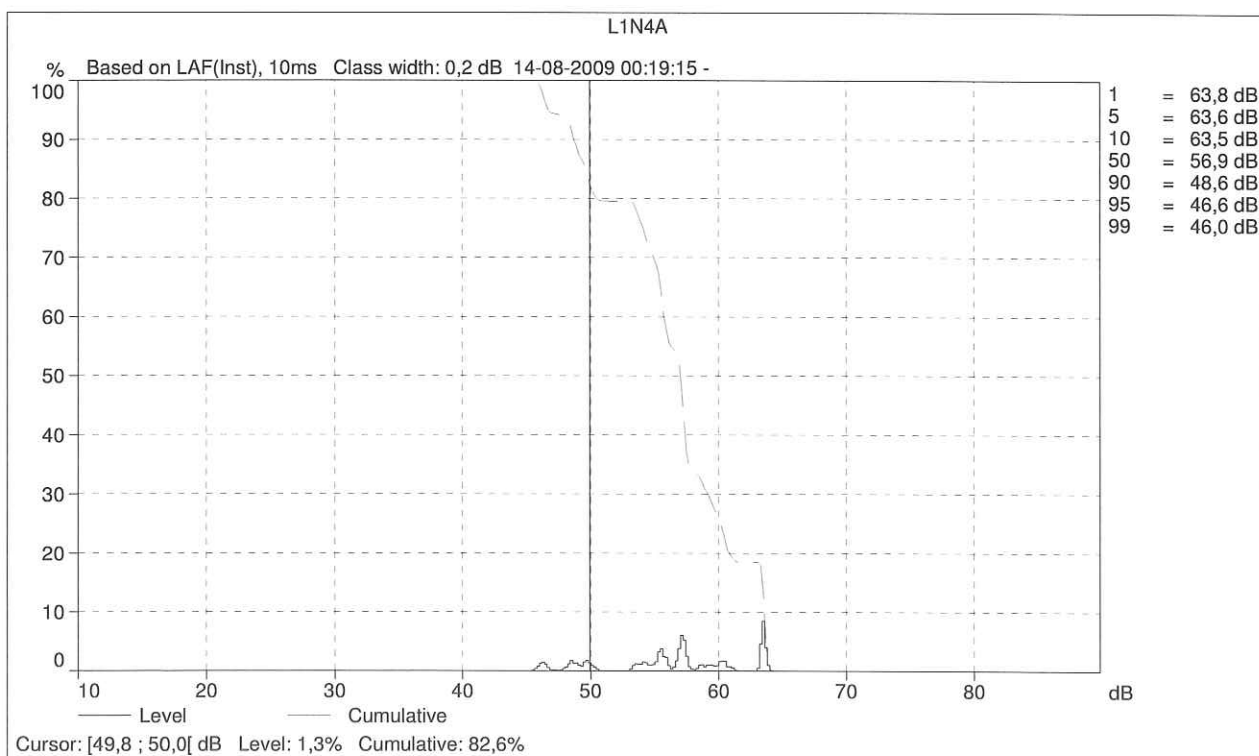
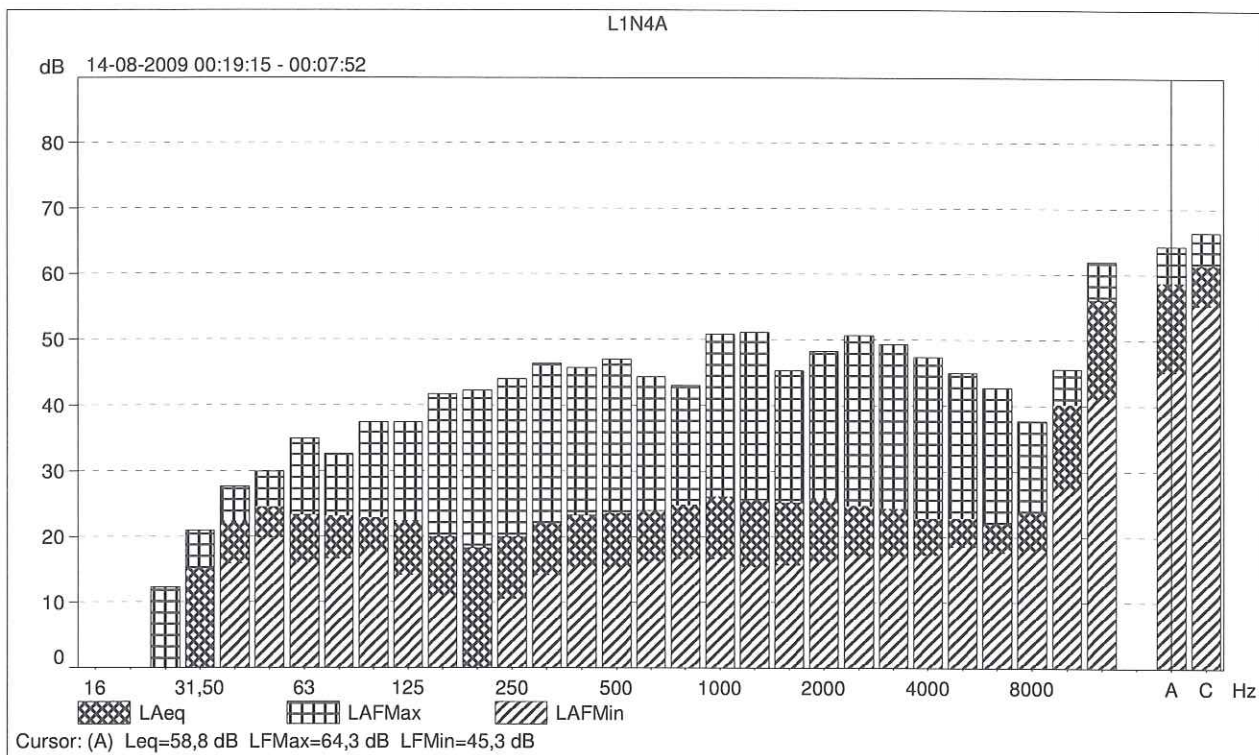
L1N4A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAI _m [dB]	LAF _{Max} [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	58,8	59,2	64,3	79,8	24,5	23,4
Time	00:19:15	0:15:03							
Date	14-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	23,2	22,9	22,4	20,0	18,4	20,0	22,0	23,3
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	23,6	24,0	24,9	26,1	25,6	25,2	25,9	24,8
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	24,4	22,9	22,9	22,0	23,8	40,3	56,2
Time							
Date							



L1N4B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		14-08-2009 00:36:56
End Time:		14-08-2009 00:52:15
Elapsed Time:		0:15:19
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		12-08-2009 23:48:46
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

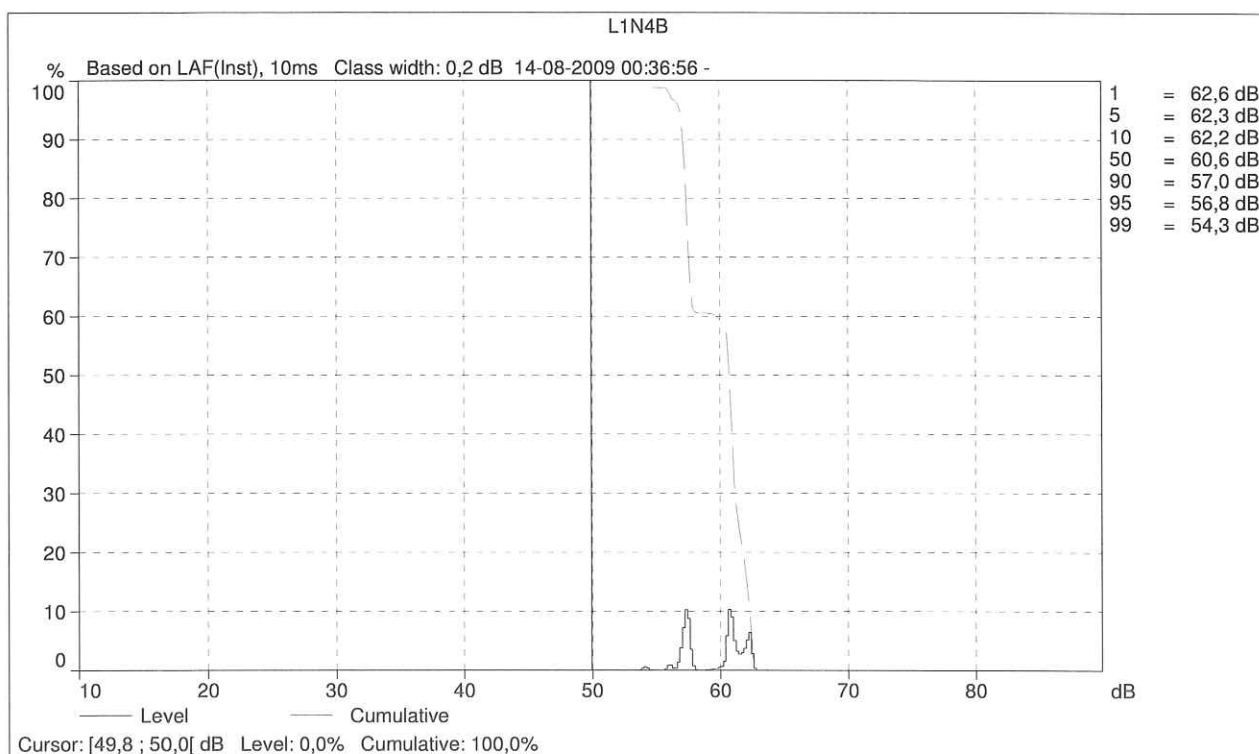
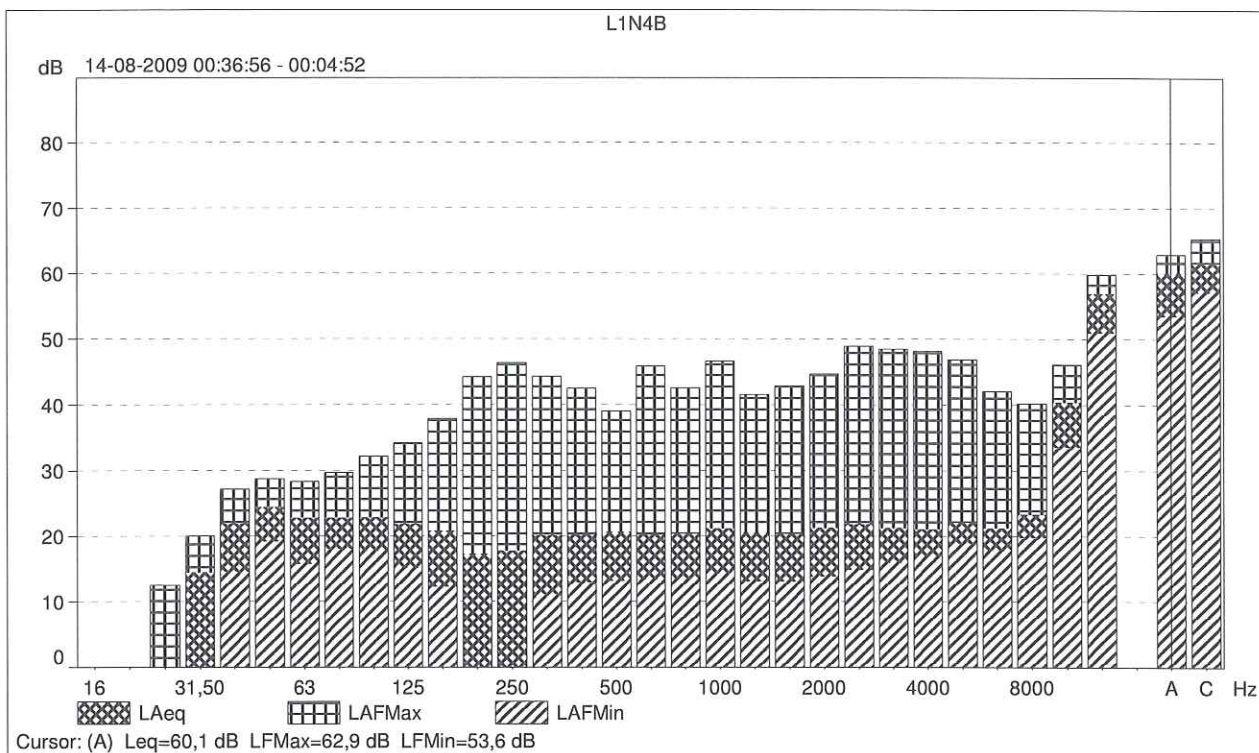
L1N4B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	60,1	60,4	62,9	80,0	24,5	22,8
Time	00:36:56	0:15:19							
Date	14-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	22,8	22,8	21,9	20,8	17,3	17,8	20,1	20,3
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	20,7	20,3	20,4	21,2	20,6	20,4	21,3	21,8
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	21,3	21,1	22,2	21,2	23,4	40,4	57,0
Time							
Date							





L2N4A

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		21-08-2009 00:50:46
End Time:		21-08-2009 01:05:55
Elapsed Time:		0:15:09
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

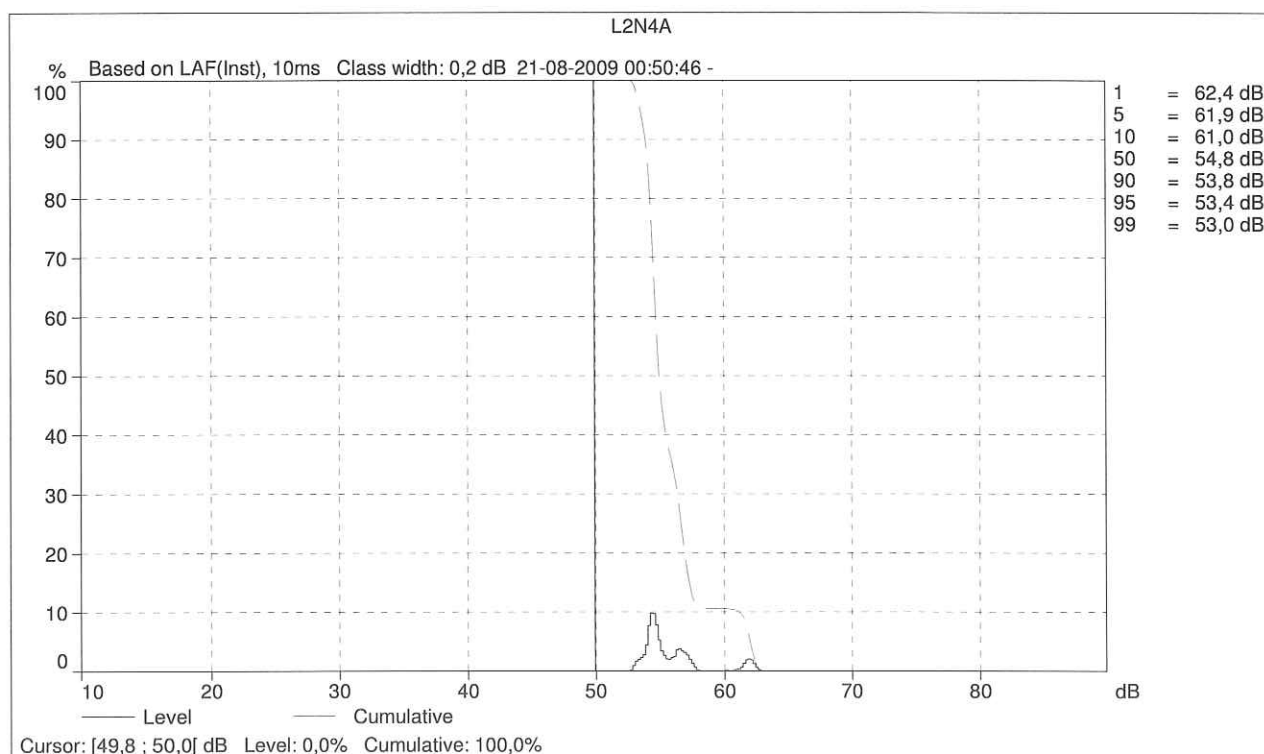
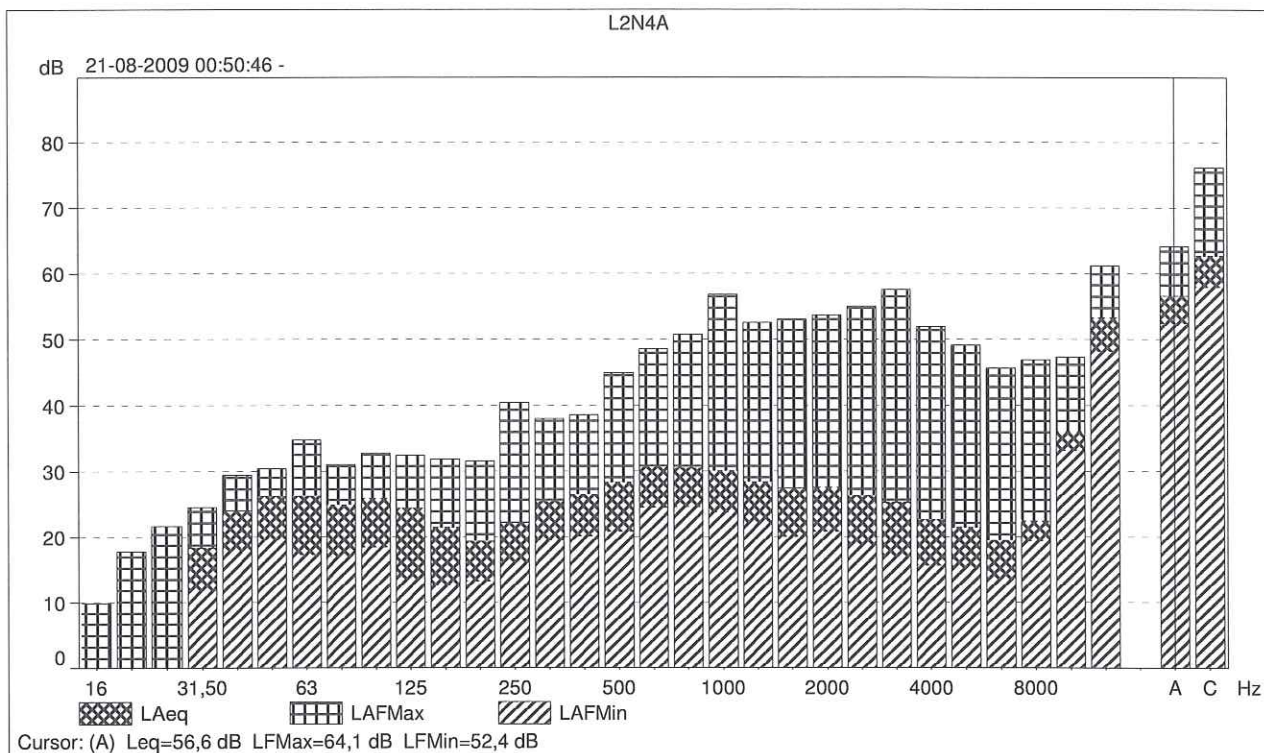
L2N4A

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	56,6	57,1	64,1	86,4	26,2	26,3
Time	00:50:46	0:15:09							
Date	21-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	24,9	25,9	24,4	21,5	19,4	22,1	25,4	26,5
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	28,3	30,7	30,5	30,1	28,4	27,4	27,6	26,3
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	25,3	22,7	21,5	19,6	22,5	36,1	53,4
Time							
Date							





L2N4B

Instrument:		2260
Application:		BZ7202 version 2.0
Start Time:		21-08-2009 01:06:13
End Time:		21-08-2009 01:21:15
Elapsed Time:		0:15:02
Bandwidth:		1/3 Octave
Peaks Over:		140,0 dB
Range:		9,9-89,9 dB

	Time	Frequency
Broad-band measurements:	S F I	A C
Broad-band statistics:	F	A
Octave measurements:	F	A

Instrument Serial Number:		2131689
Microphone Serial Number:		2117257
Input:		Microphone
Pol. Voltage:		0 V
S. I. Correction:		Frontal

Calibration Time:		19-08-2009 09:37:55
Calibration Level:		94,0 dB
Sensitivity:		-26,0 dB
ZF0023:		Not used

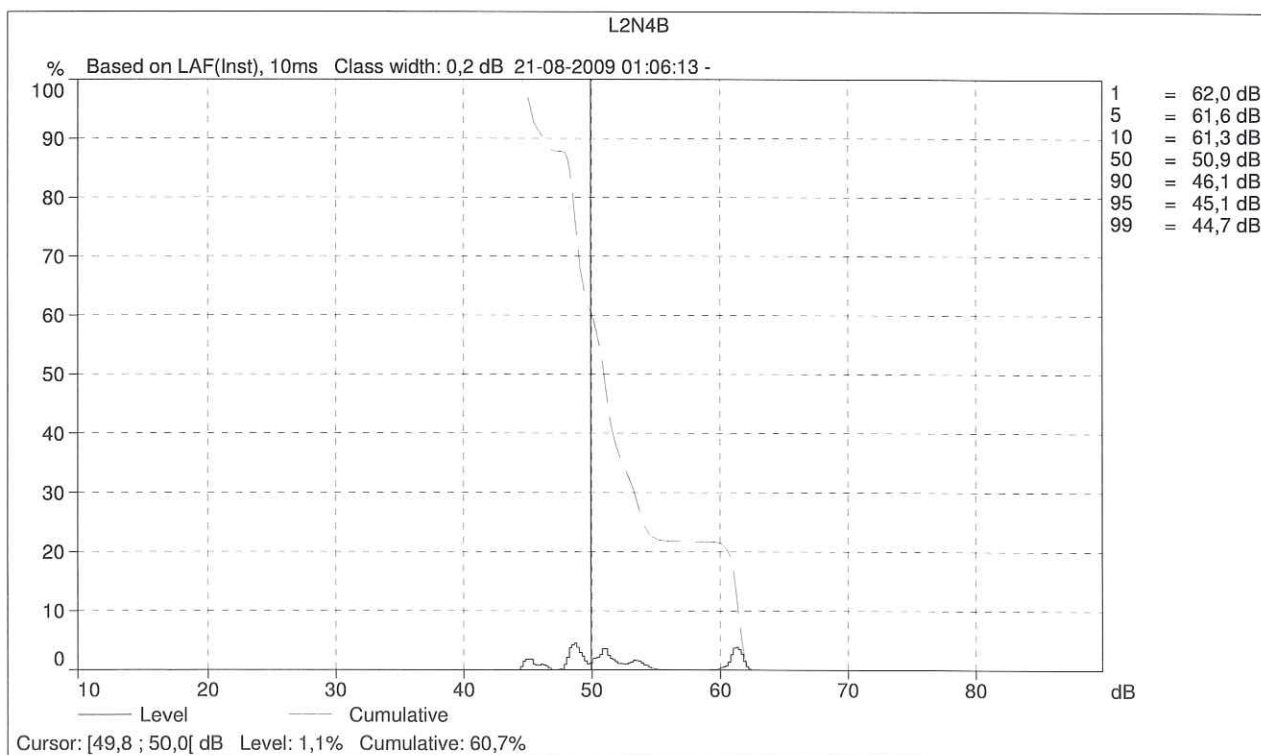
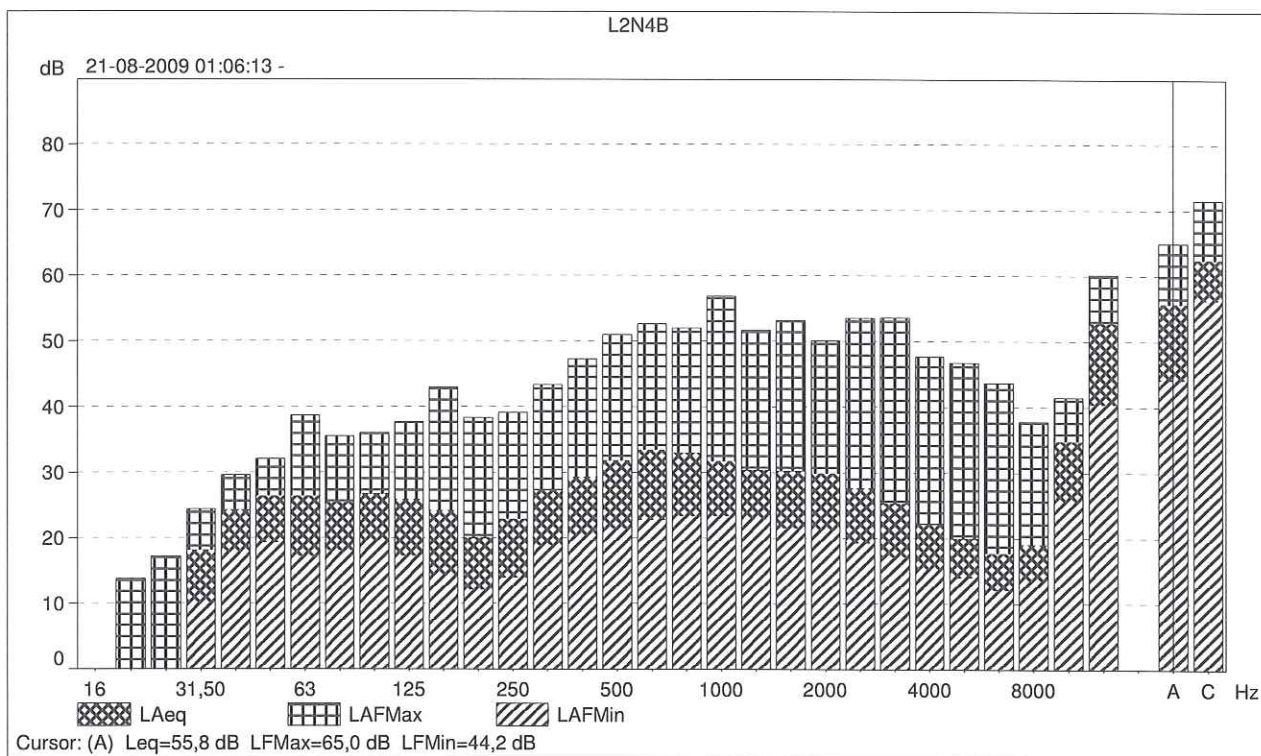
L2N4B

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAIm [dB]	LAFMax [dB]	LCpk(MaxP) [dB]	LAeq 50Hz [dB]	LAeq 63Hz [dB]
Value			0,0	55,8	56,3	65,0	84,6	26,4	26,4
Time	01:06:13	0:15:02							
Date	21-08-2009								

	LAeq 80Hz [dB]	LAeq 100Hz [dB]	LAeq 125Hz [dB]	LAeq 160Hz [dB]	LAeq 200Hz [dB]	LAeq 250Hz [dB]	LAeq 315Hz [dB]	LAeq 400Hz [dB]
Value	25,4	26,7	25,9	24,2	20,0	22,9	27,3	29,3
Time								
Date								

	LAeq 500Hz [dB]	LAeq 630Hz [dB]	LAeq 800Hz [dB]	LAeq 1kHz [dB]	LAeq 1,25kHz [dB]	LAeq 1,6kHz [dB]	LAeq 2kHz [dB]	LAeq 2,5kHz [dB]
Value	31,9	33,5	33,0	31,8	30,4	30,2	29,9	27,7
Time								
Date								

	LAeq 3,15kHz [dB]	LAeq 4kHz [dB]	LAeq 5kHz [dB]	LAeq 6,3kHz [dB]	LAeq 8kHz [dB]	LAeq 10kHz [dB]	LAeq 12,5kHz [dB]
Value	25,3	22,1	20,0	17,8	19,1	34,8	52,8
Time							
Date							





ANEXO 4

Valores indicados no Estudo de Impacte Ambiental, Volume II – Relatório Síntese



CENTRAL DE CICLO COMBINADO DE LARES
ACOMPANHAMENTO E GESTÃO AMBIENTAL
Relatório de Monitorização



Valores indicados no Estudo de Impacte Ambiental, Volume II – Relatório Síntese
Apresentam-se os valores para os locais analisados.

LOCAIS/PONTOS DE MEDIÇÃO	L _{Aeq} ¹ dB(A)	LAFMAX ² dB(A)	L _{Aeq} ¹ dB(A)	LAFMAX ² dB(A)
	DIURNO		NOCTURNO	
LOCAL 6: LARES	52,9	70,2	42,1	53,8
LOCAL 7: MATOS PINA	52,0	68,8	39,3	55,2
LOCAL 8: FEITEIRA DE BAIXO	51,7	64,0	37,2	47,3
LOCAL 9: MOINHO DE ALMOXARIFE	48,6	53,7	38,2	48,7

Notas:

Pressupõe-se que

¹ Valor de L_{Aeq} dB(A) em cada medição, obtido pelo Sonómetro

² Valor de nível sonoro máximo - LAFMAX dB(A), ponderado A, obtido durante um intervalo de tempo especificado,



ANEXO 5

Boletim de Verificação e Carta de Controlo Metrológico do Sonómetro



Assinatura válida

Digitally signed
LabMetro O
Date: 2009.01.16
16:21:00
Reason: documento
aprovado
electronicamente

Laboratório de Metrologia

BOLETIM DE VERIFICAÇÃO

NÚMERO 245.70 / 09.022

PÁGINA 1 de 2

ENTIDADE:

Nome	Carla Alexandra Bessa Mendes André
Endereço	Largo São João, 1 - 1º Dto. - Cantanhede - 3060-199 Cantanhede

INSTRUMENTO DE MEDIÇÃO:

Desp. Aprov. Modelo n.º	245.70.98.3.19	
Sonómetro	Marca / Modelo / N.º de série	Brüel & Kjær / 2260 / 2131689
Microfone	Marca / Modelo / N.º de série	Brüel & Kjær / 4189 / 2117257
Pré-amplificador	Marca / Modelo / N.º de série	Brüel & Kjær / ZC 0026 / ---
Calibrador	Marca / Modelo / N.º de série	Brüel & Kjær / 4231 / 2147401

CARACTERÍSTICAS METROLÓGICAS:

Classe	1
--------	---

OPERAÇÃO EFECTUADA:

Tipo / Data	Verificação Periódica / 16/01/2009
Rastreabilidade	Tensão contínua e alternada - NMI (Holanda) Frequência - IPQ (Portugal) Nível de pressão sonora - Danak (Dinamarca)
Documentos de referência	Portaria 1069/89 de 13 de Dezembro de 1989 Proc. Interno PO.M-DM/ACUS 01 tendo por base os documentos de referência Norma OIML R 88 IEC 60804 e IEC 60651.
Condições ambientais	Temp.: 22,1 °C Hum. Rel.: 50,0 % Pressão atmosf.: 100,2 kPa
RESULTADO	Em conformidade com os valores regulamentares O Valor do erro de cada uma das medições efectuadas são inferiores aos valores dos erros máximos admissíveis para a classe do equipamento de medição

Local / Data

Oeiras, 16 de Janeiro de 2009

Verificado por

Luís Silva

Validado por

Luís Ferreira

O presente Boletim de Verificação só pode ser reproduzido no seu todo e apenas se refere ao(s) item(s) ensaiado(s).
O equipamento é selado como consta no Despacho de aprovação de modelo respectivo.
A operação de controlo metrológico efectuada é evidenciada apenas pela aposição no instrumento do símbolo respectivo como consta dos anexos da Portaria n.º 962/90 de 9 de Setembro



Laboratório de Metrologia

BOLETIM DE VERIFICAÇÃO - cont.

NÚMERO 245.70 / 09.022

PÁGINA 2 de 2

Características Acústicas

Calibrador acústico	CONFORME
Condições de referência	CONFORME
Ponderação em frequência	CONFORME

Características Eléctricas

Detector RMS	CONFORME
Ponderação no tempo	CONFORME
Indicador	CONFORME
Linearidade de escala	CONFORME
Detecção de sobrecarga	CONFORME
Média no tempo	CONFORME

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Laboratório de Metrologia

CARTA DE CONTROLO METROLÓGICO

Data de emissão: 16 / 01 / 2009

Página 1 de 2

EQUIPAMENTO

Tipo: Sonómetro
Marca: Brüel & Kjær
Modelo: 2260
Nº Série: 2131689

Despacho de aprovação de modelo nº: 245.70.98.3.19
Classe de exactidão atribuída: 1

ENTIDADE UTILIZADORA

Carla Alexandra Bessa Mendes André
Largo São João, 1 - 1º Dto.
Cantanhede
3060-199 Cantanhede

FABRICANTE / IMPORTADOR

Brüel & Kjær Ibérica - Sucursal em Portugal, Lda.

OPERAÇÃO EFECTUADA

Data	ANO: 2004	Documentos de referência	Documentos de registo	Resultado
05 / 05 / 2004	☐ 1ª Verificação	IEC 60804; IEC 60651	Boletim nº 12621/04	CONFORME
	☒ Verificação Periódica			
	☐ Verificação Extraordinária			
	☐ Filtros de 1/3 de oitava			
	☐ Tempo de reverberação			
Data	ANO: 2005	Documentos de referência	Documentos de registo	Resultado
	☐ 1ª Verificação	Não foi sujeito a Verificação Metrológica anual conforme Portaria nº 1069/89		
	☐ Verificação Periódica			
	☐ Verificação Extraordinária			
	☐ Filtros de 1/3 de oitava			
	☐ Tempo de reverberação			
Data	ANO: 2006	Documentos de referência	Documentos de registo	Resultado
11 / 01 / 2006	☐ 1ª Verificação	IEC 60804; IEC 60651	Boletim nº 245.70 / 06.009	CONFORME
	☒ Verificação Periódica			
	☐ Verificação Extraordinária			
	☐ Filtros de 1/3 de oitava			
	☐ Tempo de reverberação			

OBSERVAÇÕES

Esta Carta de Controlo Metrológico dá seguimento à anterior emitida pela entidade Laboratório Nacional de Engenharia Civil, onde consta que a última Verificação Metrológica foi realizada em 06/07/2001. 05/05/2004. Esta Carta de Controlo Metrológico em formato digital, substitui a anterior emitida em 05/05/2004.

Validado por

Luís Ferreira



Laboratório de Metrologia

CARTA DE CONTROLO METROLÓGICO (CONTINUAÇÃO)

Página 2 de 2

OPERAÇÃO EFECTUADA

Data	ANO: 2007	Documentos de referência	Documentos de registo	Resultado
08 / 03 / 2007	☐ 1ª Verificação ☒ Verificação Periódica ☐ Verificação Extraordinária ☐ Filtros de 1/3 de oitava ☐ Tempo de reverberação	IEC 60804; IEC 60651	Boletim nº 245.70 / 07.121	CONFORME

Data	ANO: 2008	Documentos de referência	Documentos de registo	Resultado
	☐ 1ª Verificação ☐ Verificação Periódica ☐ Verificação Extraordinária ☐ Filtros de 1/3 de oitava ☐ Tempo de reverberação	Não foi sujeito a Verificação Metrológica anual conforme Portaria nº 1069/89		

Data	ANO: 2009	Documentos de referência	Documentos de registo	Resultado
16 / 01 / 2009	☐ 1ª Verificação ☒ Verificação Periódica ☐ Verificação Extraordinária ☐ Filtros de 1/3 de oitava ☐ Tempo de reverberação	IEC 60804; IEC 60651	Boletim nº 245.70 / 09.022	CONFORME

Data	ANO:	Documentos de referência	Documentos de registo	Resultado
	☐ 1ª Verificação ☐ Verificação Periódica ☐ Verificação Extraordinária ☐ Filtros de 1/3 de oitava ☐ Tempo de reverberação			

Data	ANO:	Documentos de referência	Documentos de registo	Resultado
	☐ 1ª Verificação ☐ Verificação Periódica ☐ Verificação Extraordinária ☐ Filtros de 1/3 de oitava ☐ Tempo de reverberação			

Data	ANO:	Documentos de referência	Documentos de registo	Resultado
	☐ 1ª Verificação ☐ Verificação Periódica ☐ Verificação Extraordinária ☐ Filtros de 1/3 de oitava ☐ Tempo de reverberação			

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DM/065.1/07

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ANEXO 6

Periodicidade das medições e Principais Trabalhos a decorrer

Periodicidade das medições e Principais Trabalhos a decorrer

A execução de medições sonoras com uma periodicidade trimestral, a iniciou-se no mês de Maio de 2008.

Seguidamente apresenta-se quadro, onde se poderá observar as principais actividades a decorrer, durante a execução das medições.

Principais trabalhos a decorrer	Mai 08	Ago 08	Nov 08	Fev 09	Mai 09	Ago 09
Trabalhos de Civil						
Edifício de controlo e administração		X	X			
Edifício da caldeira auxiliar			X			
Trabalhos na área do rio e canal		X				
Subestação	X	X				
Edifício de turbina U1	X	X	X	X		
Edifício eléctrico U1	X	X	X	X	X	X
Área HRSG U1	X					
Área de transformadores U1	X	X				
Torre de refrigeração U1	X	X				
Edifício de turbina U2	X	X	X	X	X	X
Edifício eléctrico U2	X	X				
Área HRSG U2	X	X	X	X	X	X
Área de transformadores U2		X				
Torre de refrigeração U2	X	X				
Instalação Mecânica						
Combustível líquido		X	X	X		
Gás natural		X	X			
Captação			X			
Água desmineralizada		X	X			
Sistema de drenagem			X			
Sistemas BOP U1		X	X	X	X	X
HRSG U1		X	X	X		
Turbina a vapor U1		X	X	X		
Sistema de lubrificação U1				X		
Turbina a gás U1		X	X	X		
Gerador U1		X	X			
Sistemas BOP U2		X	X	X	X	
HRSG U2		X	X	X	X	
Turbina a vapor U2			X	X	X	
Sistema de lubrificação U2				X		
Turbina a gás U2		X	X	X		
Gerador U2		X	X			

continua



Continuação

Principais trabalhos a decorrer	Mai 08	Ago 08	Nov 08	Fev 09	Mai 09	Ago 09
Instalação Eléctrica						
Subestação		X				
Geradores e transformadores principais		X	X			
Média voltagem			X			
Baixa voltagem			X	X		
Esteira de cabos e cablagem		X	X	X	X	
Diesel de emergência (UFG)				X		
DC/Sistema de baterias			X			



ANEXO 7

Relatório Meteorológico

Condições de Temperatura, Humidade e Velocidade/Direcção do Vento , nos dias e nos diferentes períodos de referência



à frente do nosso tempo

Figueira da Foz

Agosto de 2009

Dia	Hora	Ts	Hr	DD	FF
13	07/14	18.7	93	255	2.0
13	14/20	20.7	88	269	3.3
13	20/23	17.8	97	289	1.9
13	23/07	16.5	99	120	0.3
14	07/14	21.3	85	207	1.8
14	14/20	28.0	52	256	2.5
14	20/23	21.1	83	278	1.7
14	23/07	18.5	98	237	0.8
17	07/14	19.5	89	240	1.8
17	14/20	22.7	70	308	3.4
17	20/23	18.3	89	227	1.6
17	23/07	17.2	94	176	1.0
19	07/14	20.6	76	206	2.3
19	14/20	23.4	66	315	2.8
19	20/23	18.1	90	120	0.9
19	23/07	16.9	96	40	0.5
20	07/14	22.8	79	192	2.5
20	14/20	23.1	72	326	5.1
20	20/23	18.2	82	192	3.4
20	23/07	16.5	89	250	3.1
21	07/14	20.2	71	231	2.9
21	14/20	21.5	56	213	5.4
21	20/23	17.9	75	335	3.3
21	23/07	17.2	87	142	2.0
26	07/14	20.0	77	160	2.1
26	14/20	22.6	79	267	4.9
26	20/23	18.1	92	121	0.9
26	23/07	14.0	97	38	1.0
27	07/14	20.9	81	216	2.1
27	14/20	22.6	75	315	5.1
27	20/23	18.0	90	271	2.5
27	23/07	17.2	93	207	2.5

Hora » Hora Local
Ts » Média da Temperatura do ar (°C)
HR » Média da Humidade relativa do ar (%)
DD » Média do Rumo médio do vento (grau)
FF » Média da Intensidade média do vento (m/s)