



ESTUDO DE IMPACTE AMBIENTAL DO PROLONGAMENTO DA LINHA VERMELHA ENTRE ALAMEDA E SÃO SEBASTIÃO

**METROPOLITANO DE LISBOA
OUTUBRO DE 2002**

ANEXOS



Metropolitano de Lisboa



IPA, Lda.



ANEXO I

MAPAS DE SISMICIDADE DA ÁREA EM ESTUDO

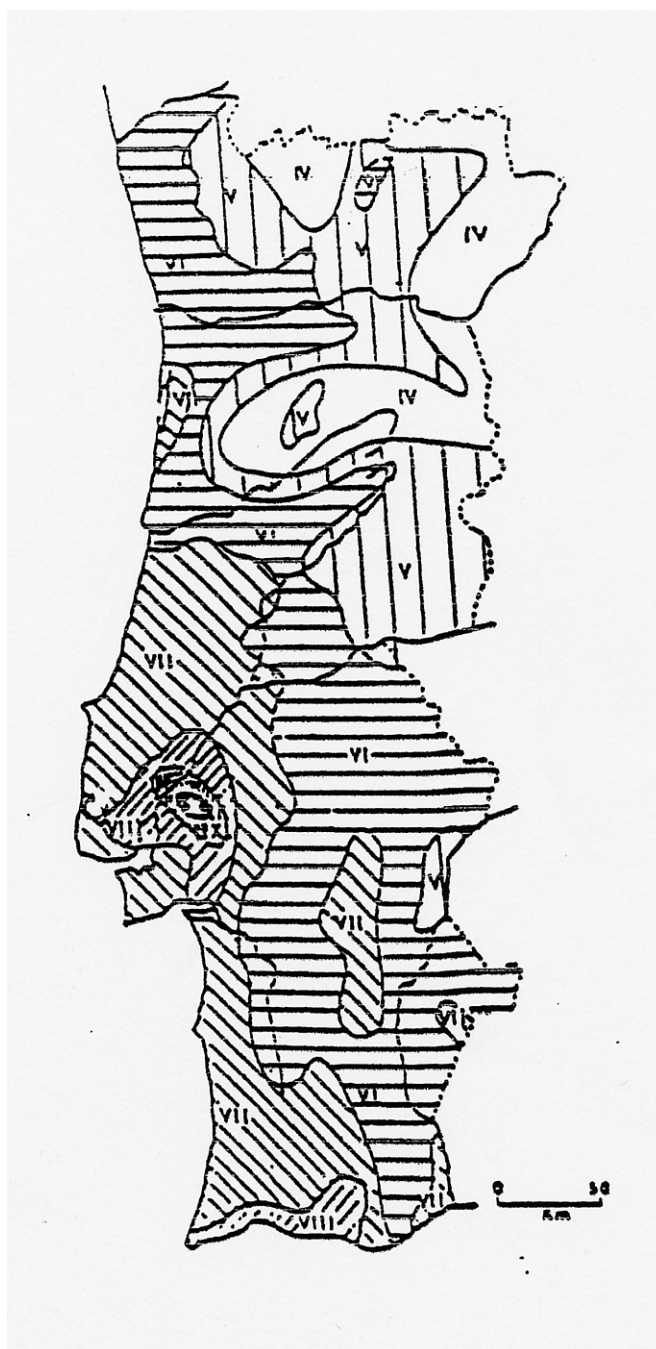


Figura 2 - Carta de Intensidades Sísmicas
Fonte: Oliveira (1977)

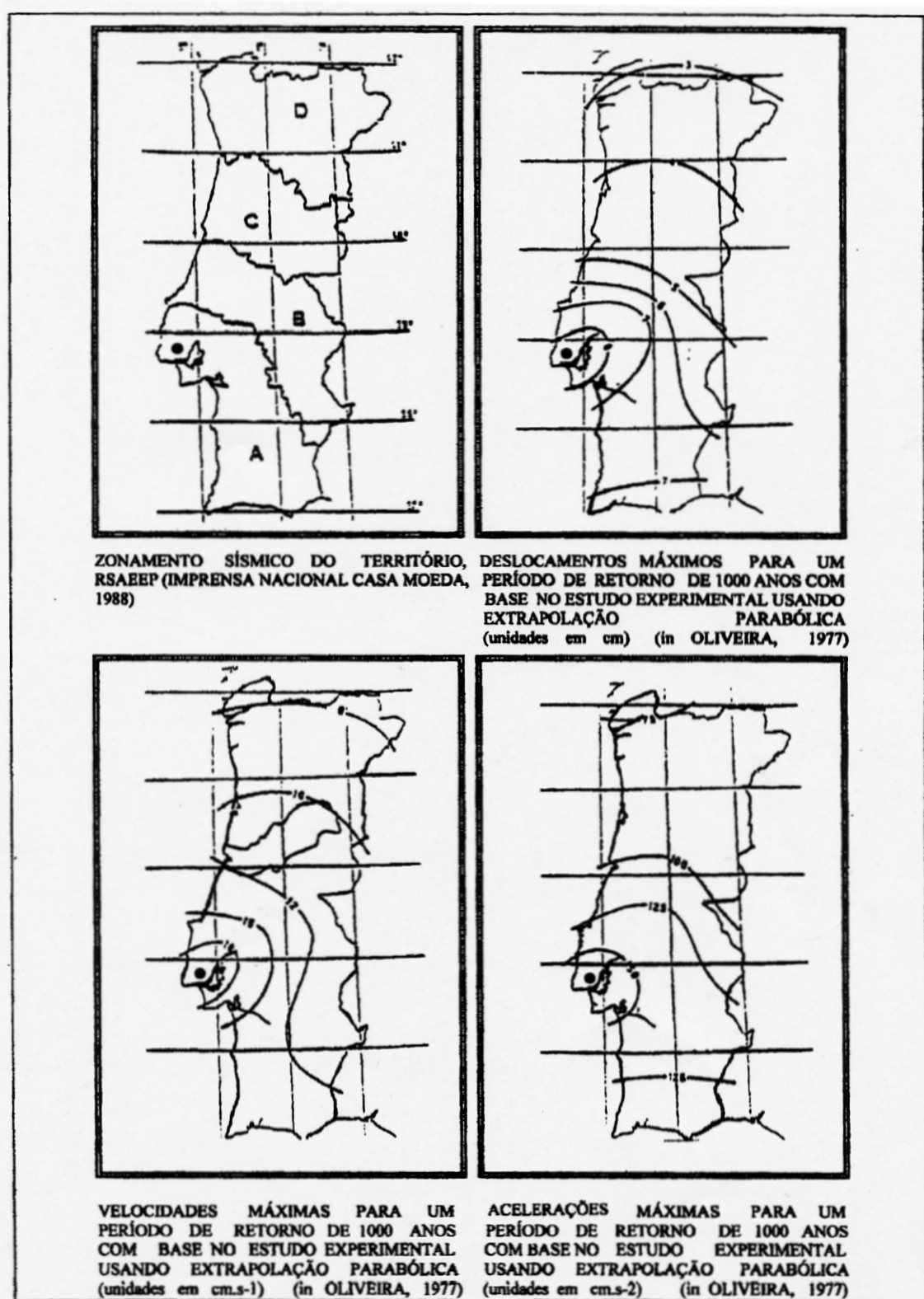


Figura 3 - Carta de Zonamentos de Riscos Sísmicos e Valores Máximos de Deslocamento, Velocidade e Aceleração

Fonte: Oliveira (1977)

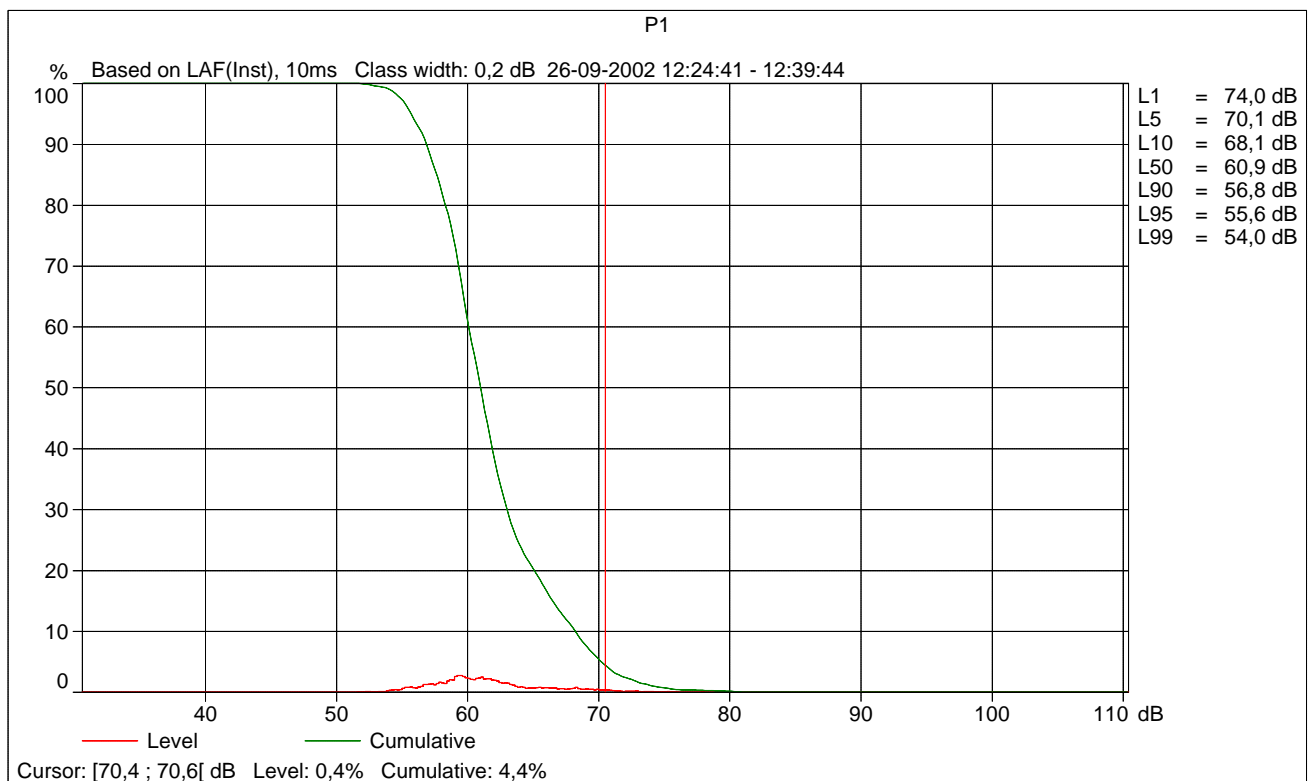
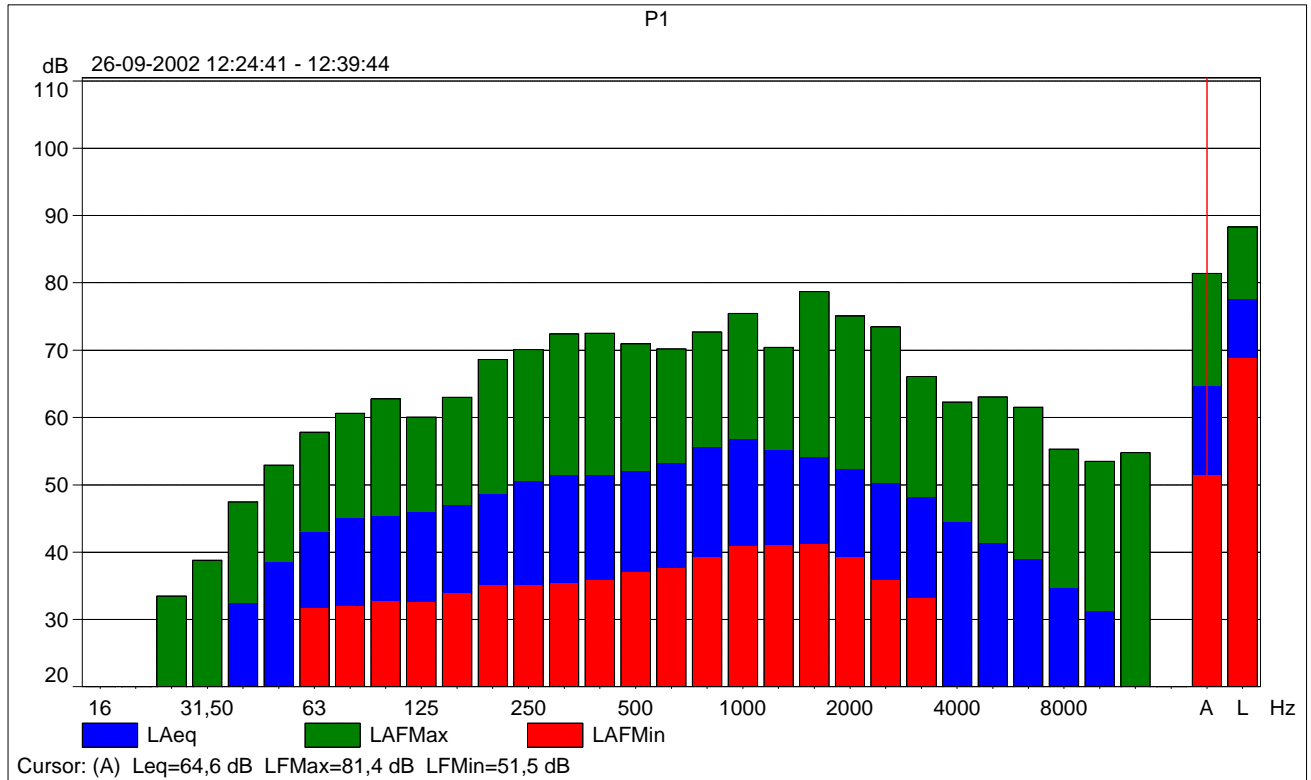


ANEXO II

RUÍDO

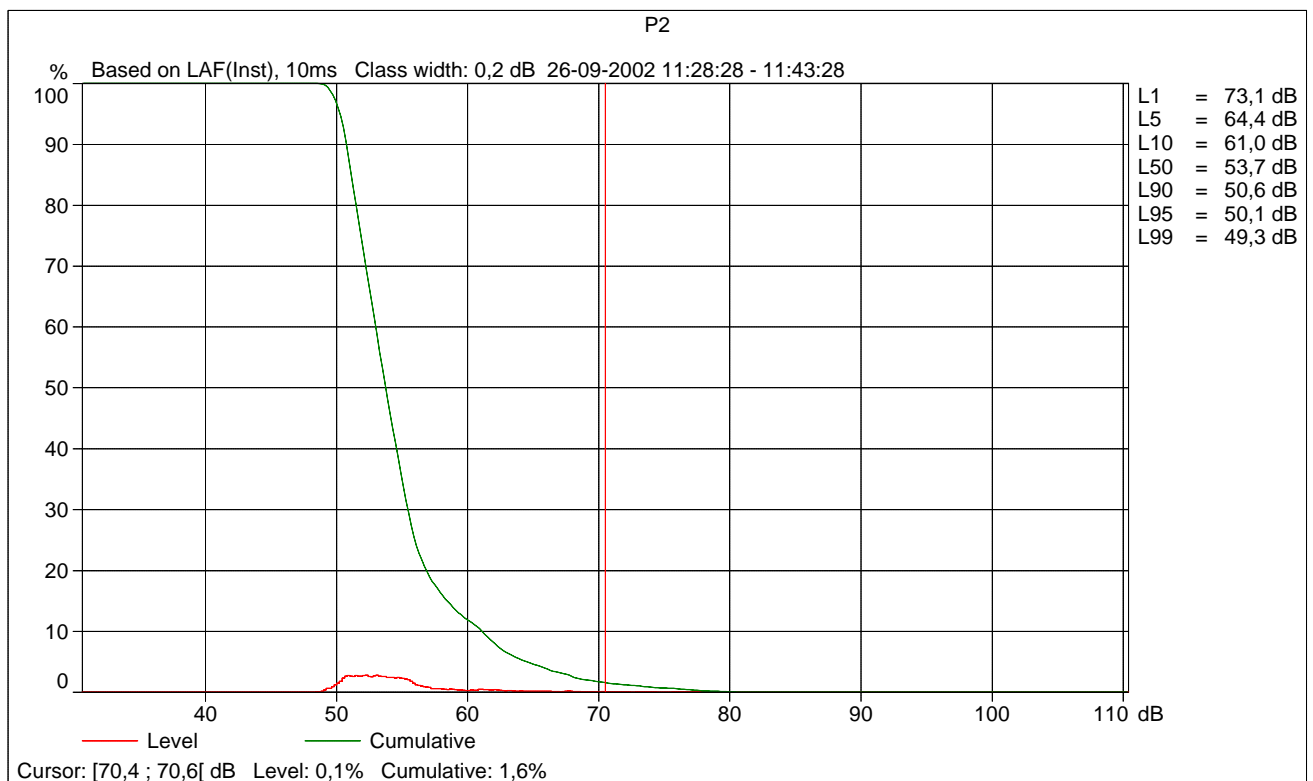
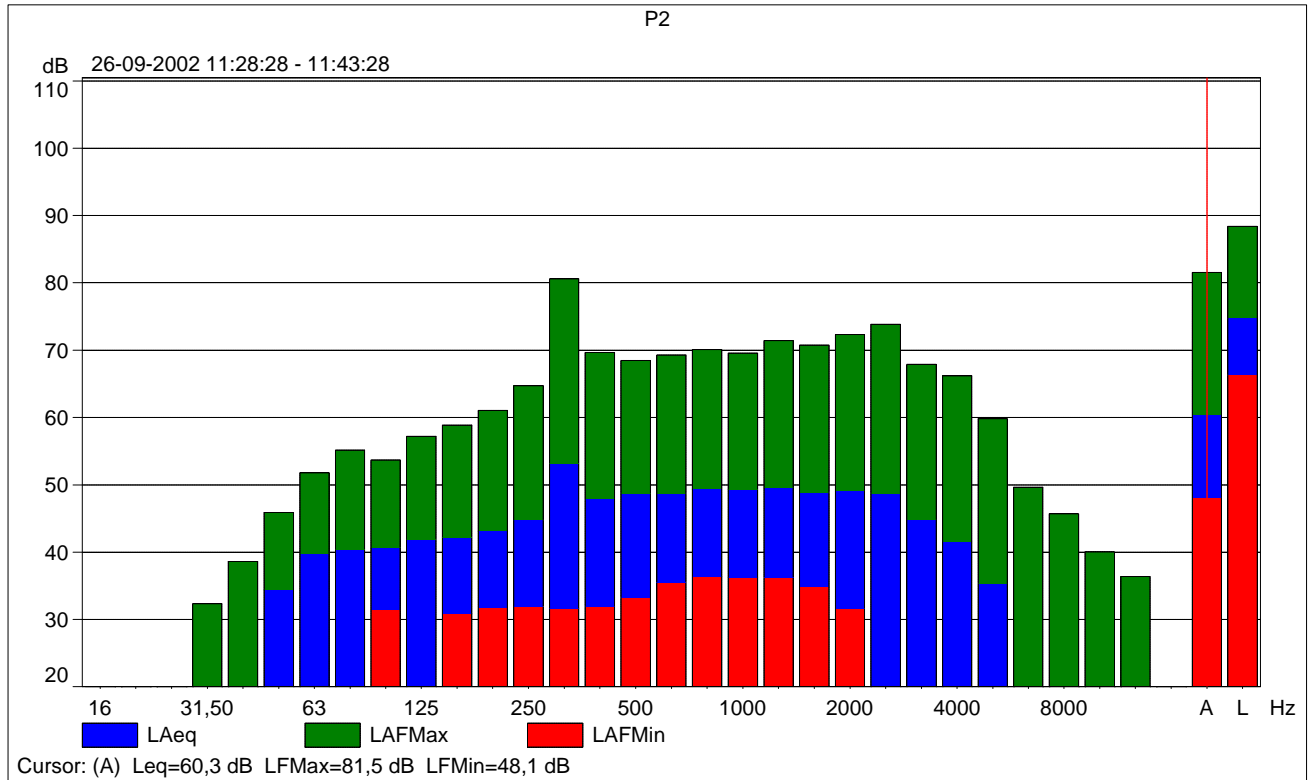
P1

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	64,6	79,3	52,5	66,3
Time	12:24:41	0:15:03					
Date	26-09-2002						



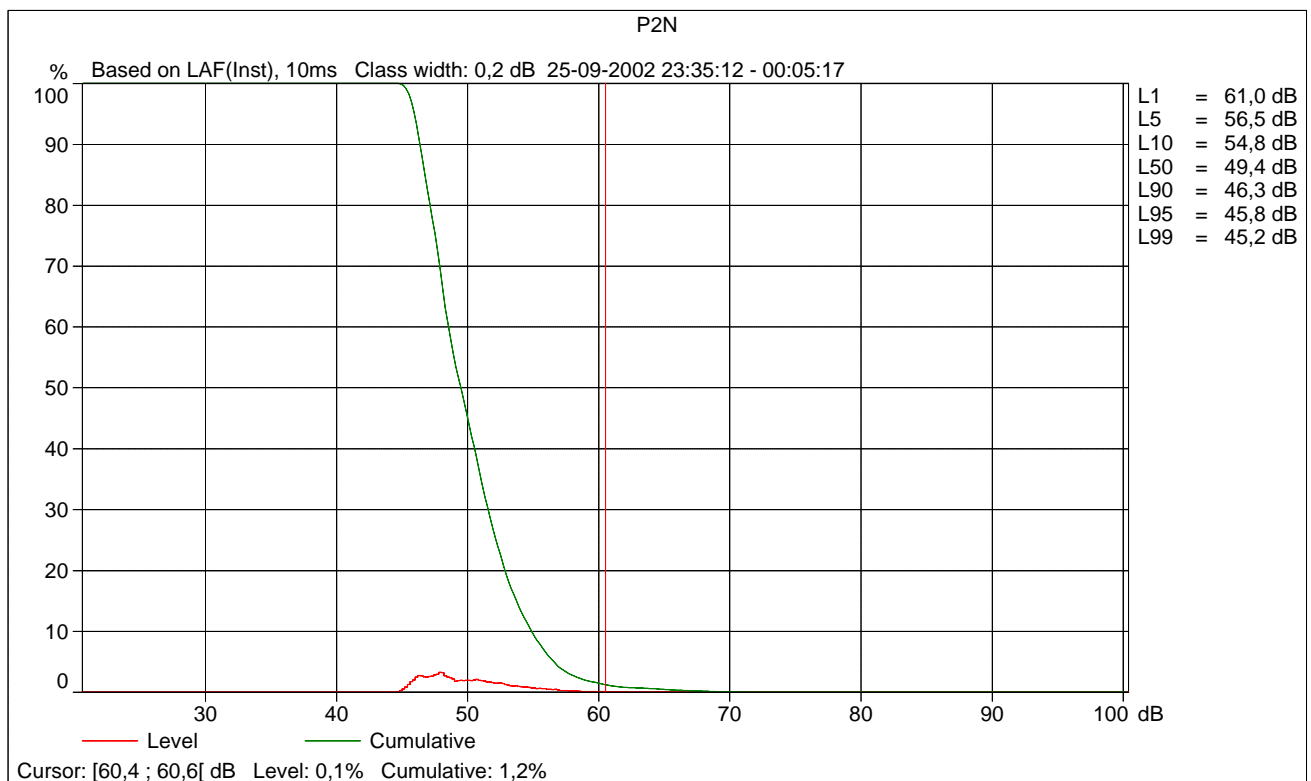
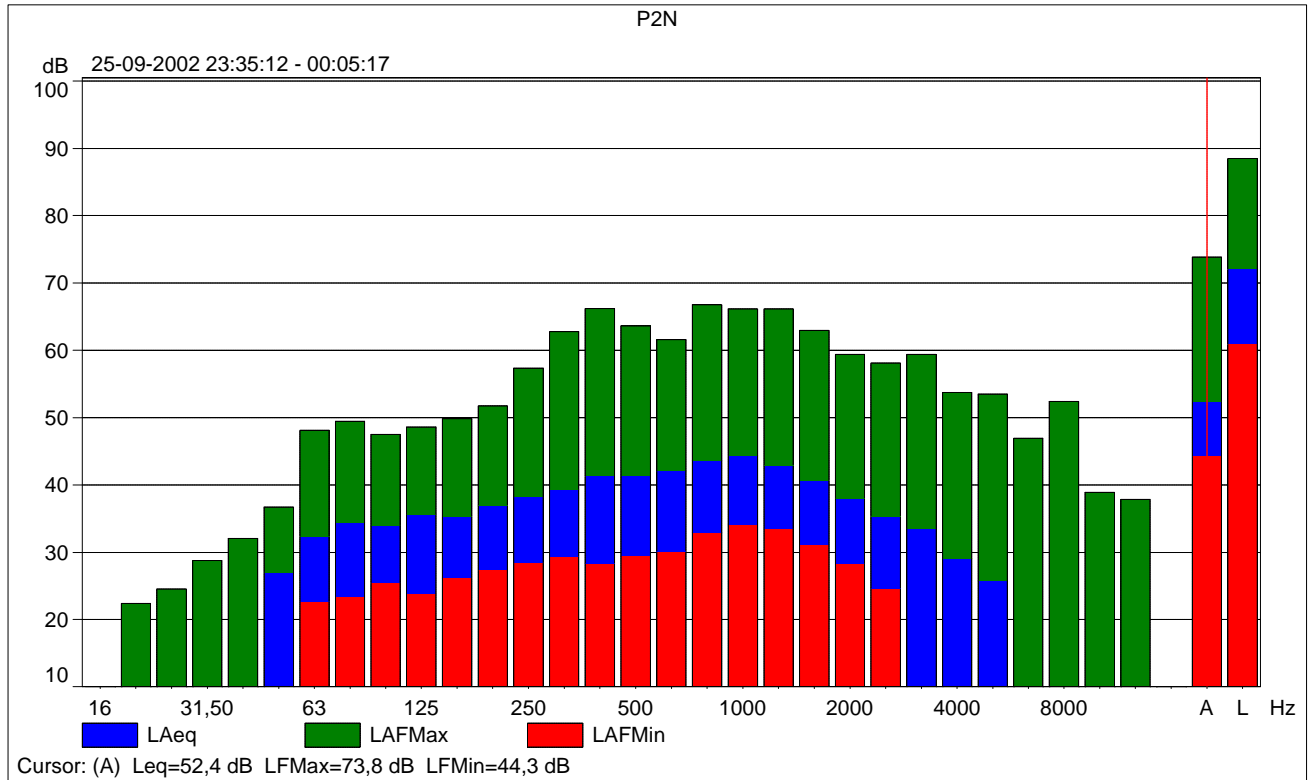
P2

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Value			0,0	60,3	78,1	49,0	62,2
Time	11:28:28	0:15:00					
Date	26-09-2002						



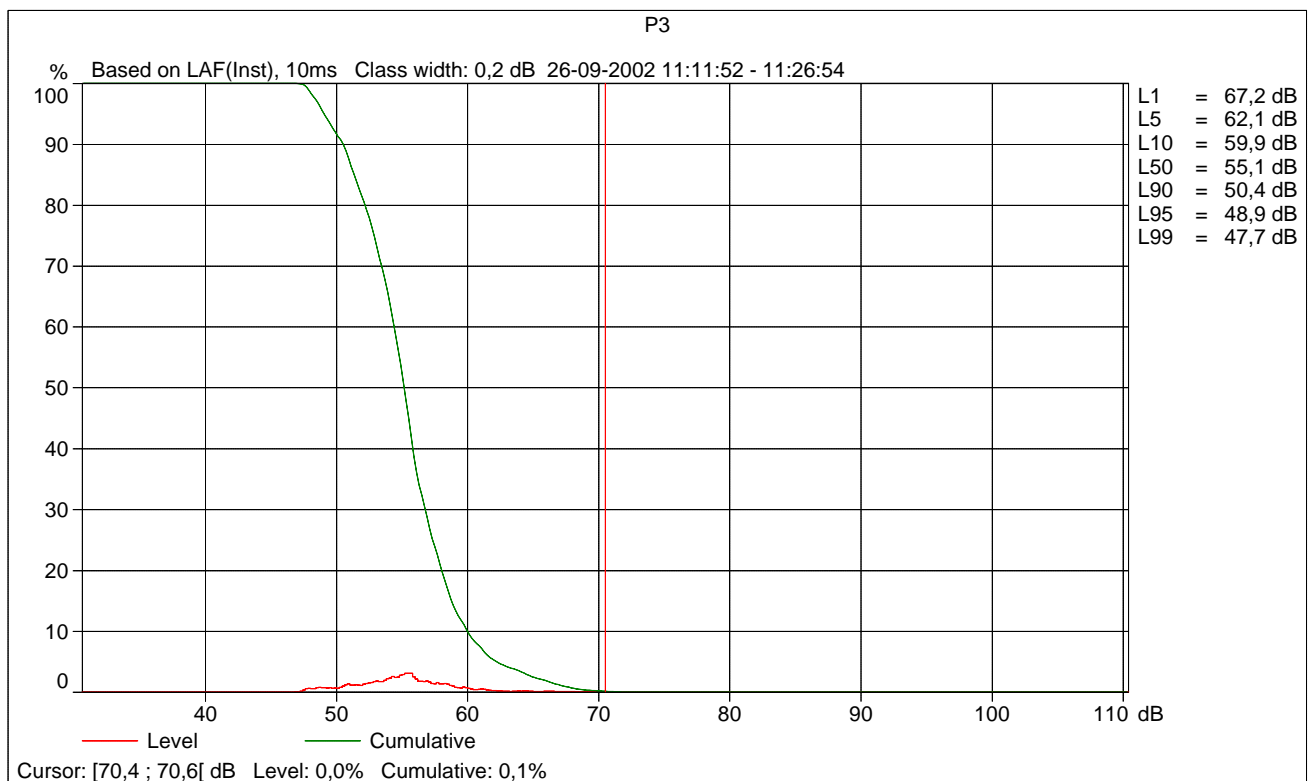
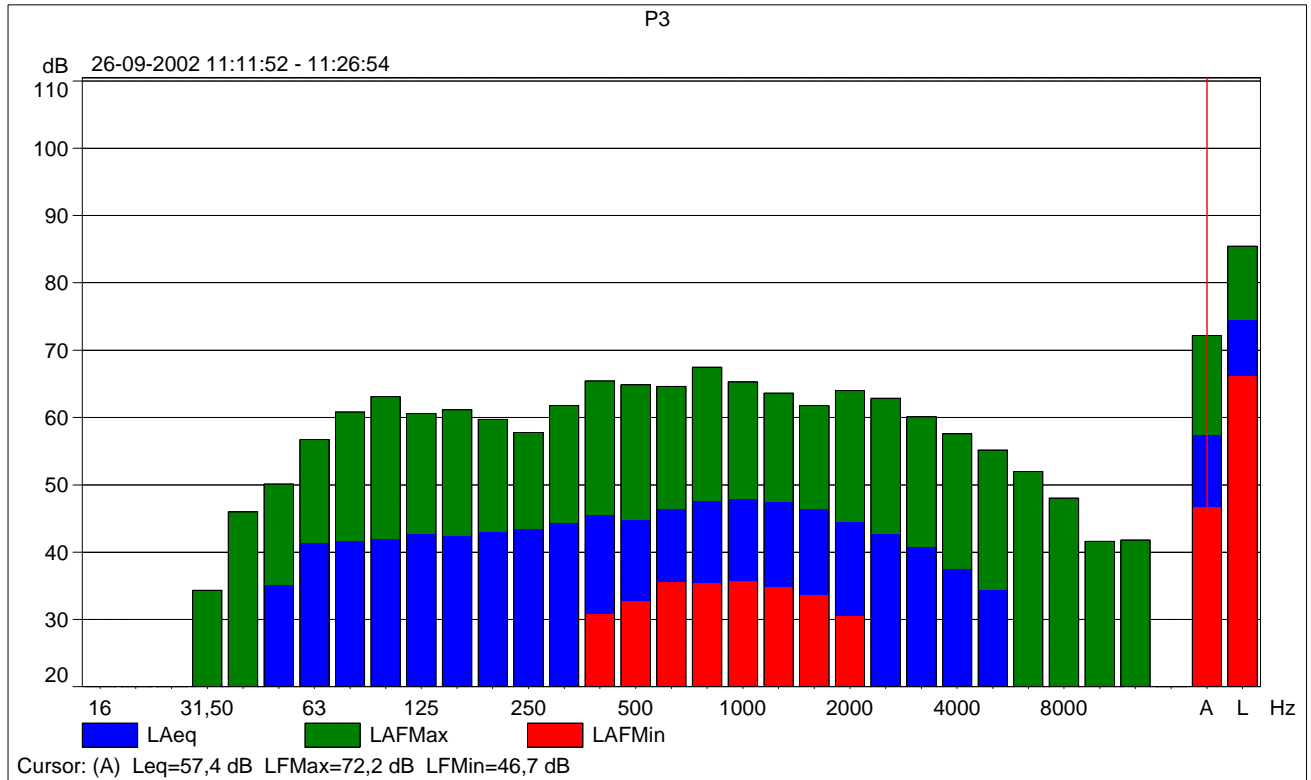
P2N

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	52,4	69,8	44,9	53,7
Time	23:35:12	0:30:05					
Date	25-09-2002						



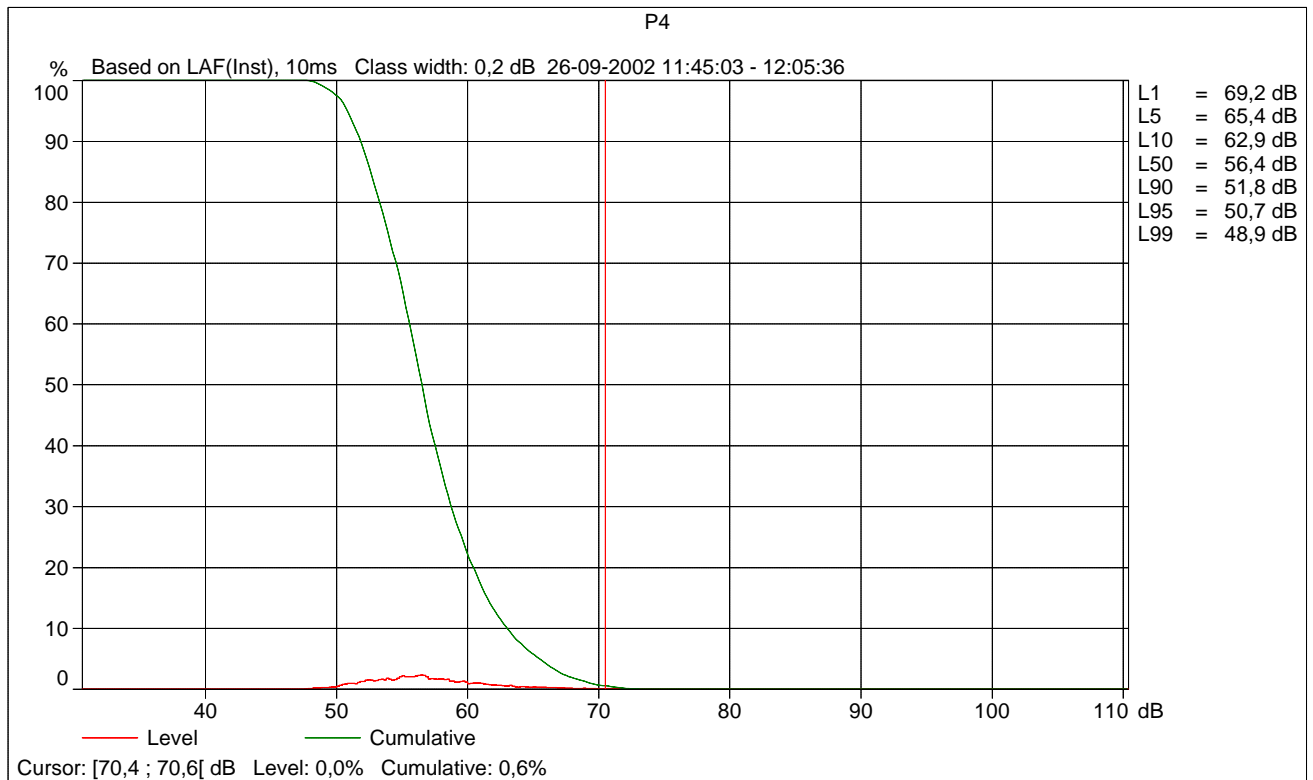
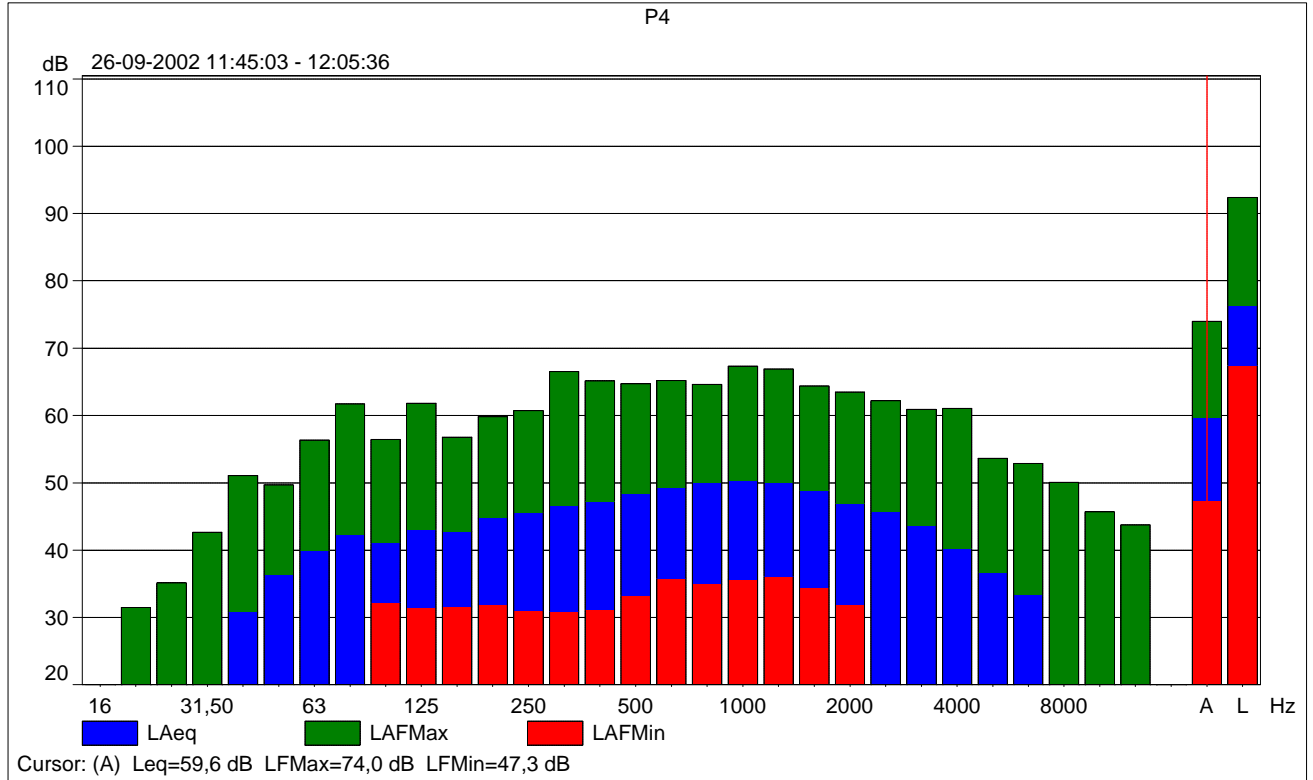
P3

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAIIm [dB]
Value			0,0	57,4	69,0	47,4	58,9
Time	11:11:52	0:15:02					
Date	26-09-2002						



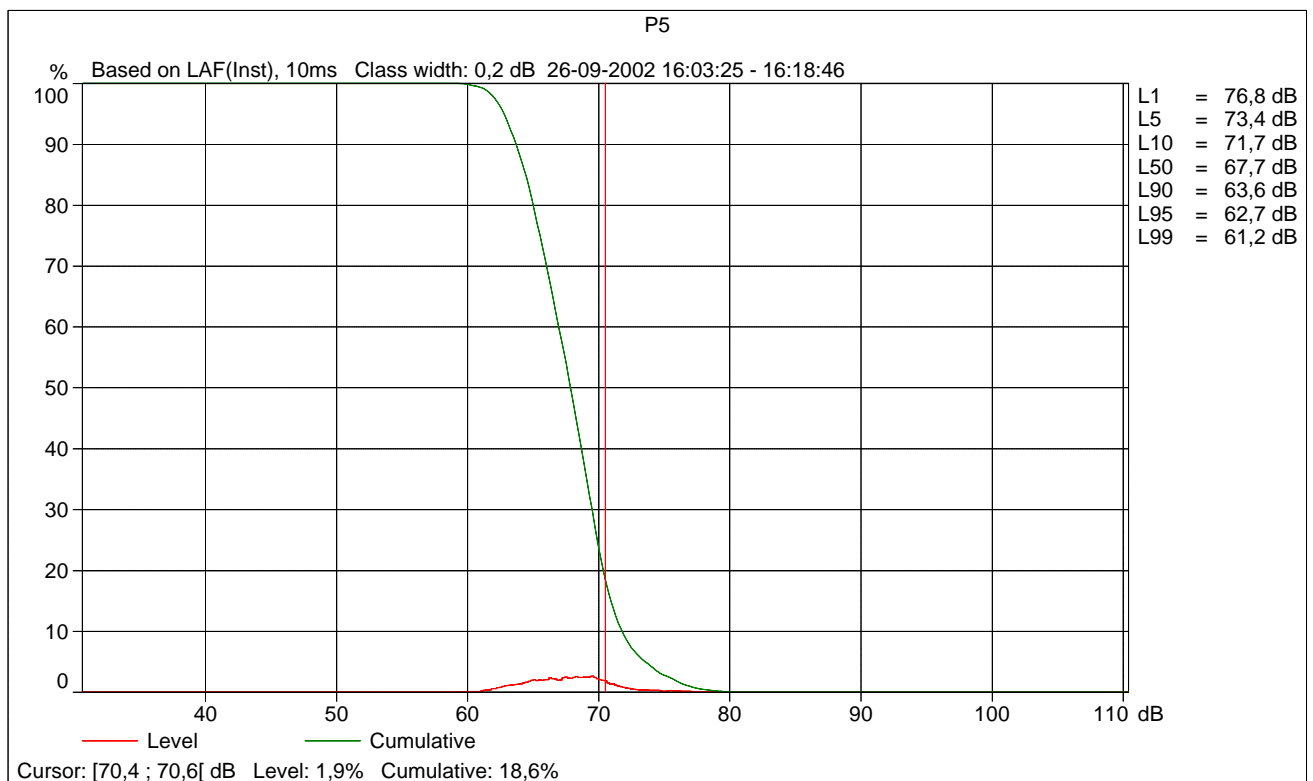
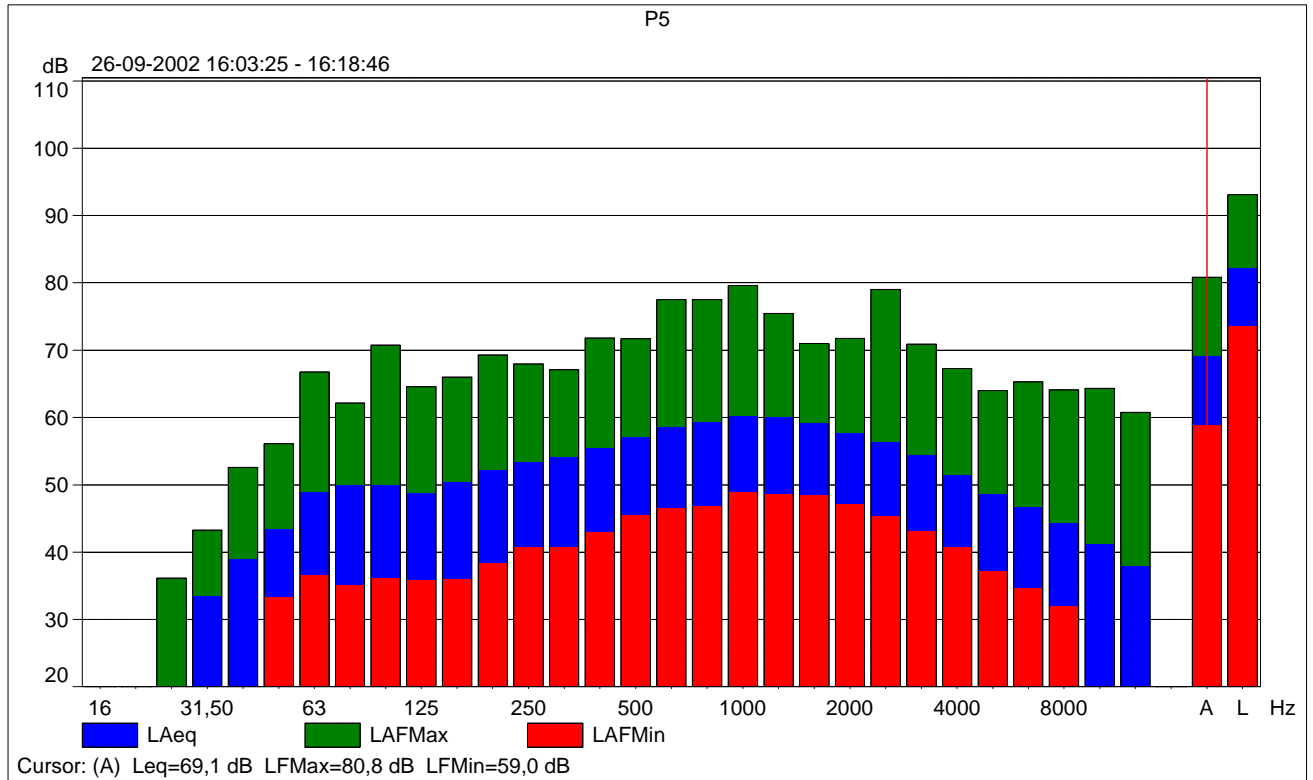
P4

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	59,6	71,5	48,3	61,5
Time	11:45:03	0:15:06					
Date	26-09-2002						



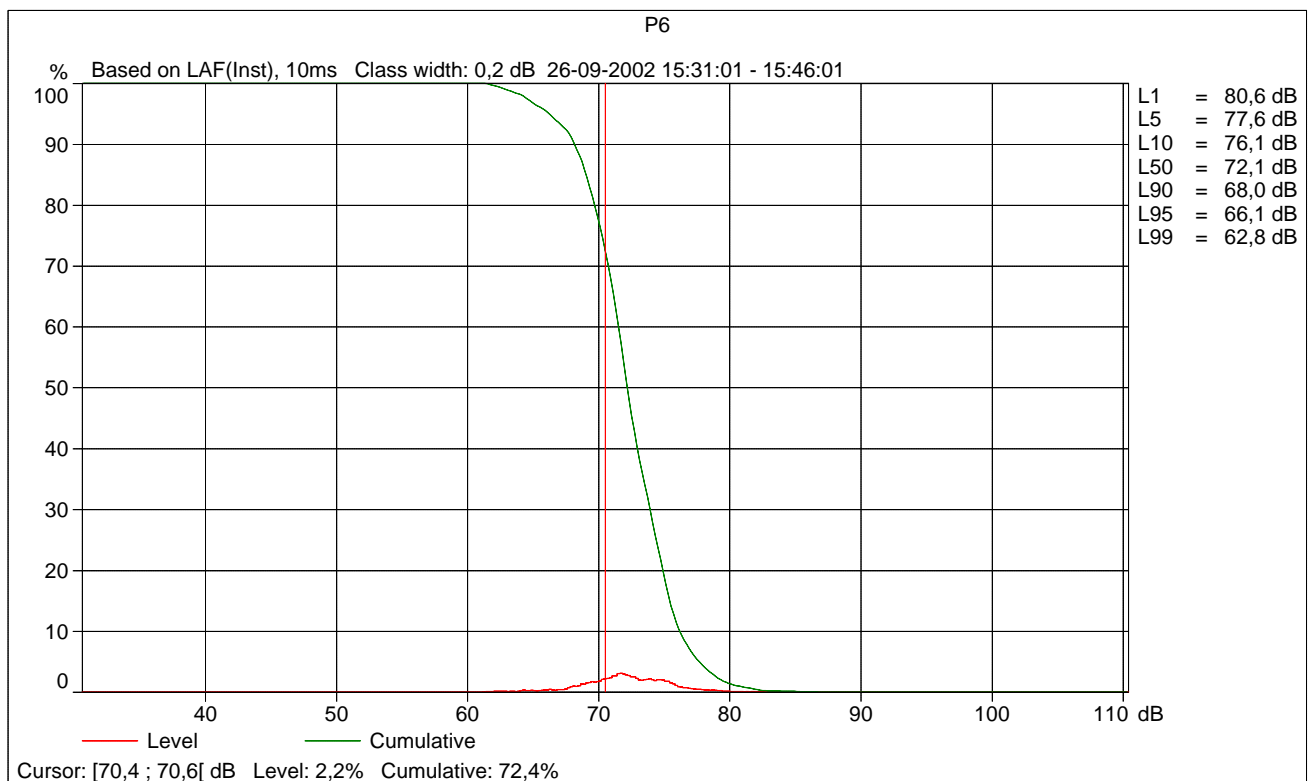
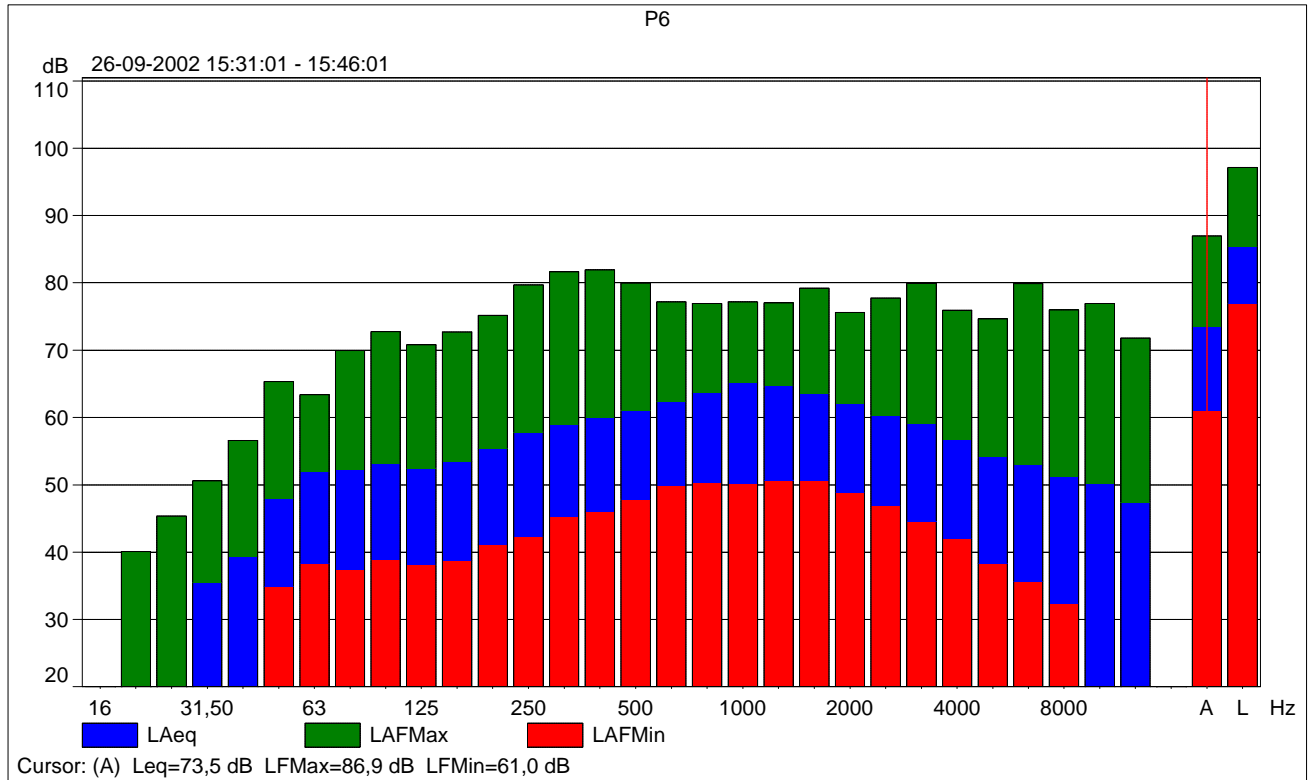
P5

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAIIm [dB]
Value			0,0	69,1	78,0	59,8	70,8
Time	16:03:25	0:15:00					
Date	26-09-2002						



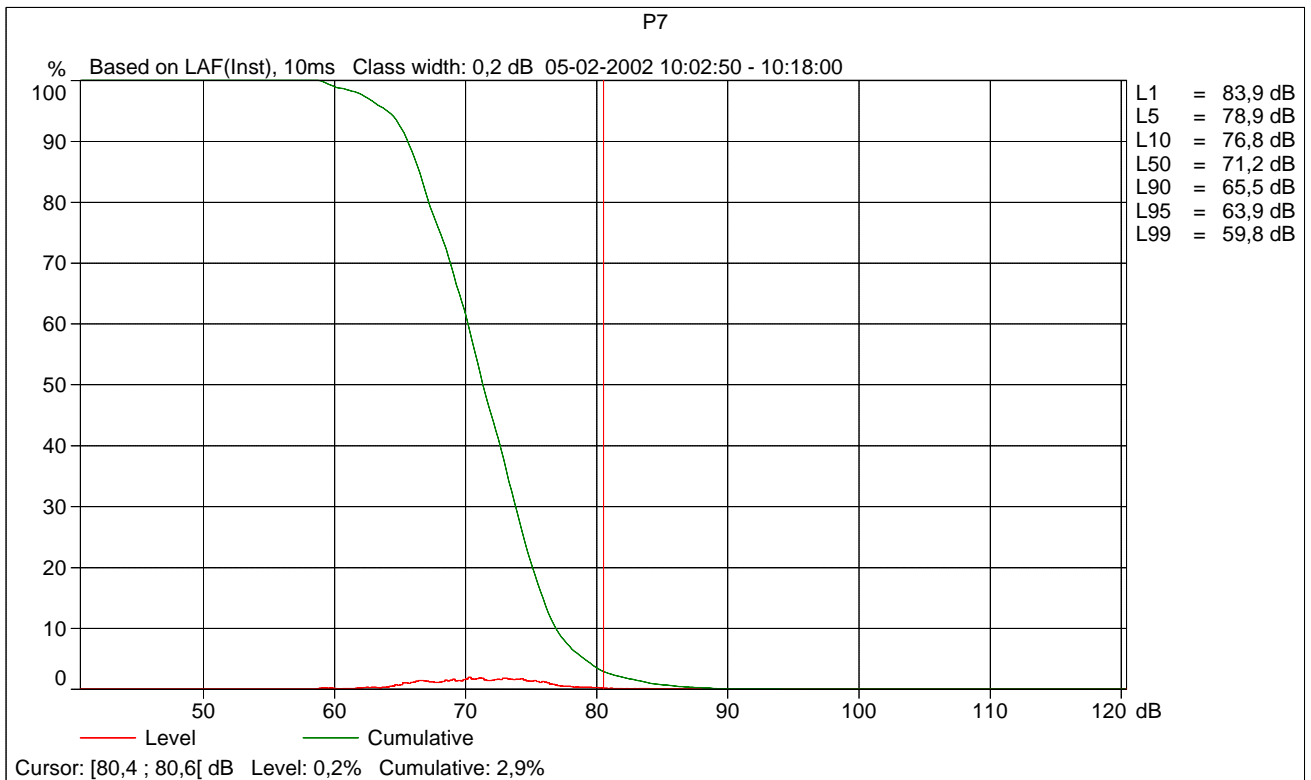
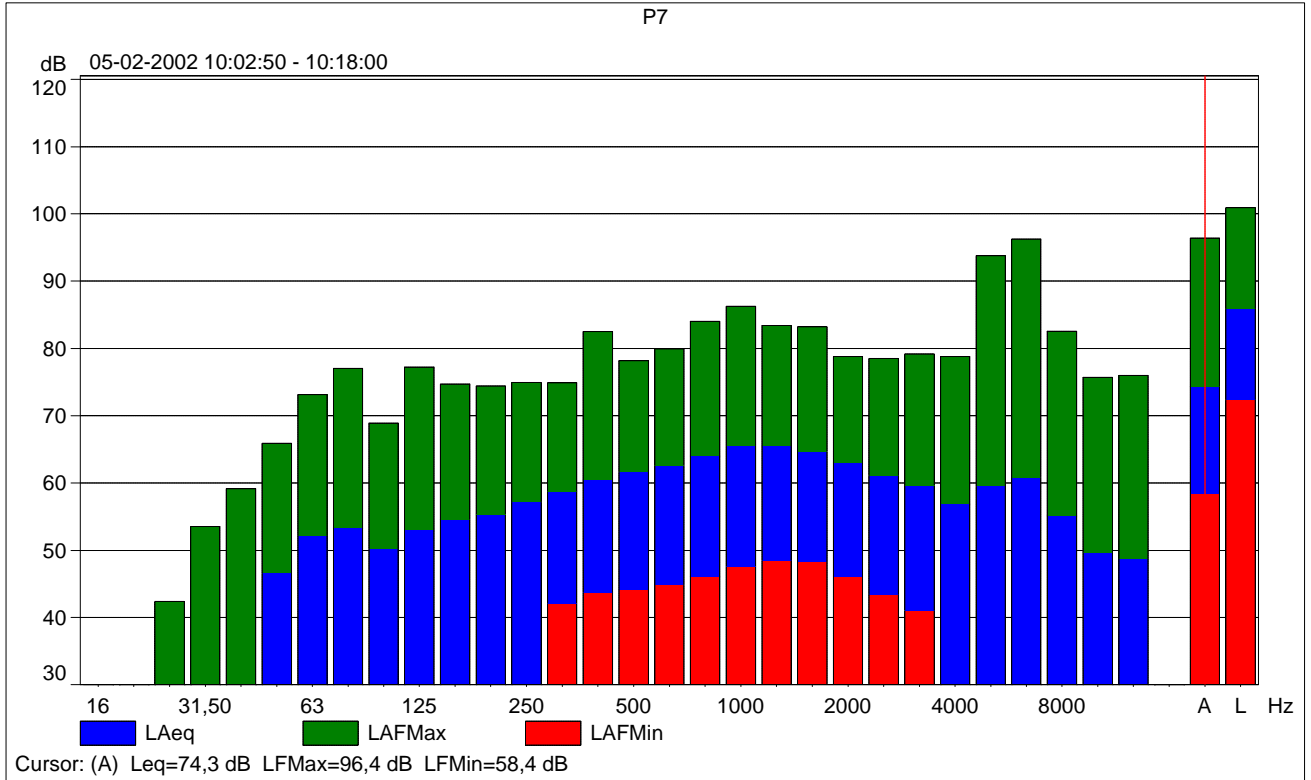
P6

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAIIm [dB]
Value			0,0	73,5	84,5	62,1	74,7
Time	15:31:01	0:15:00					
Date	26-09-2002						



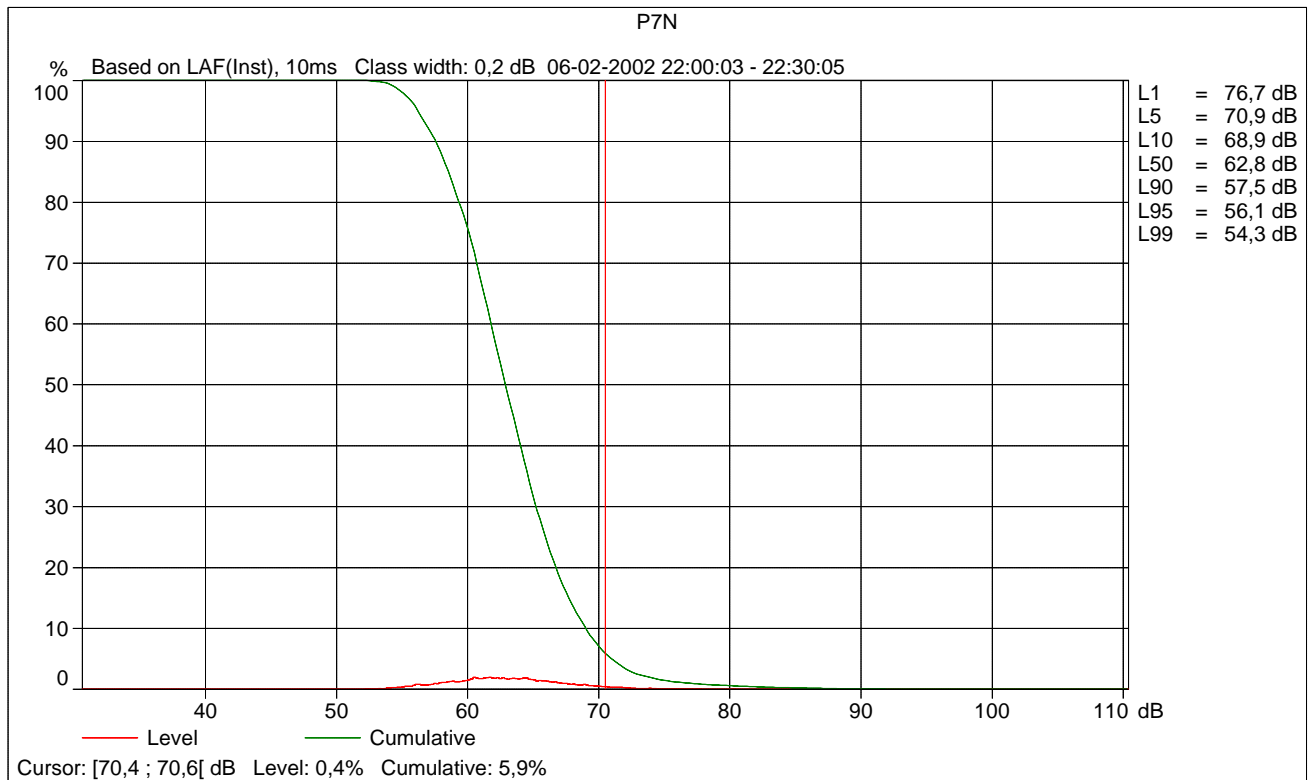
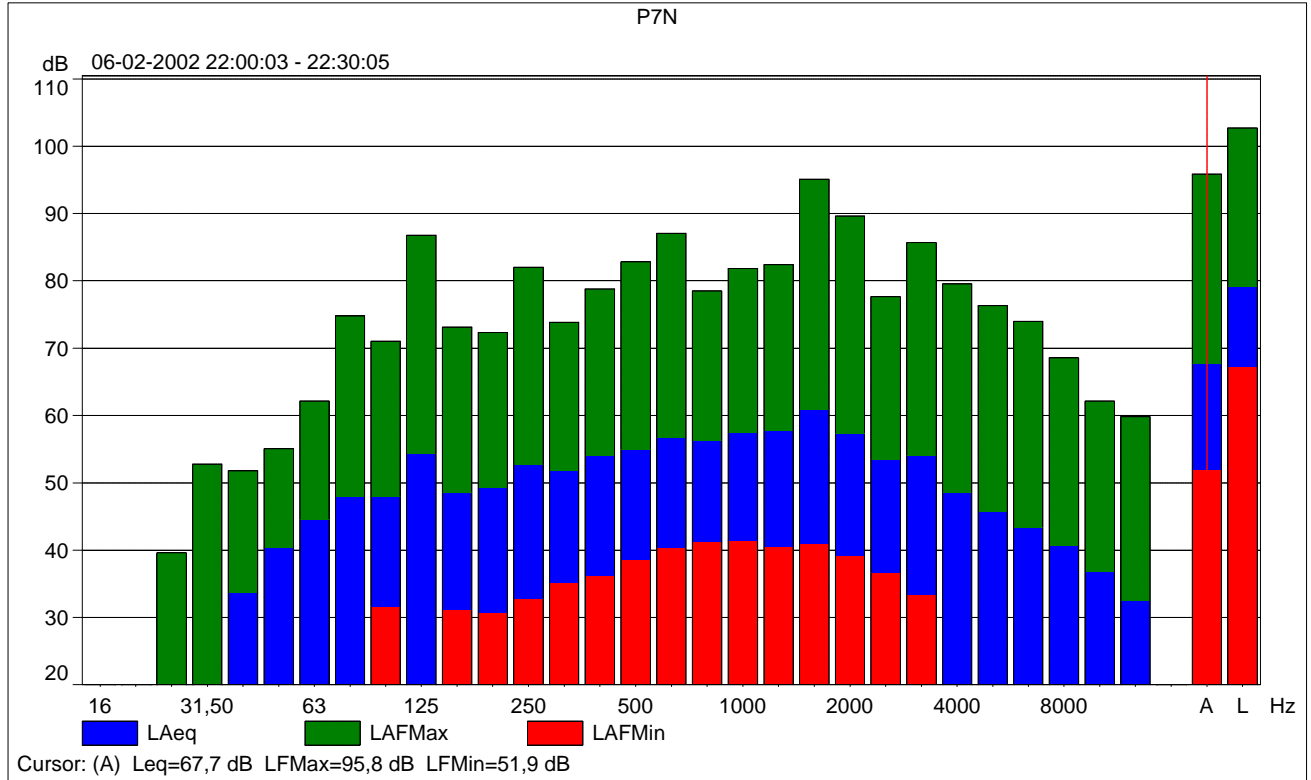
P7

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	74,3	90,2	59,2	77,8
Time	10:02:50	0:15:10					
Date	05-02-2002						



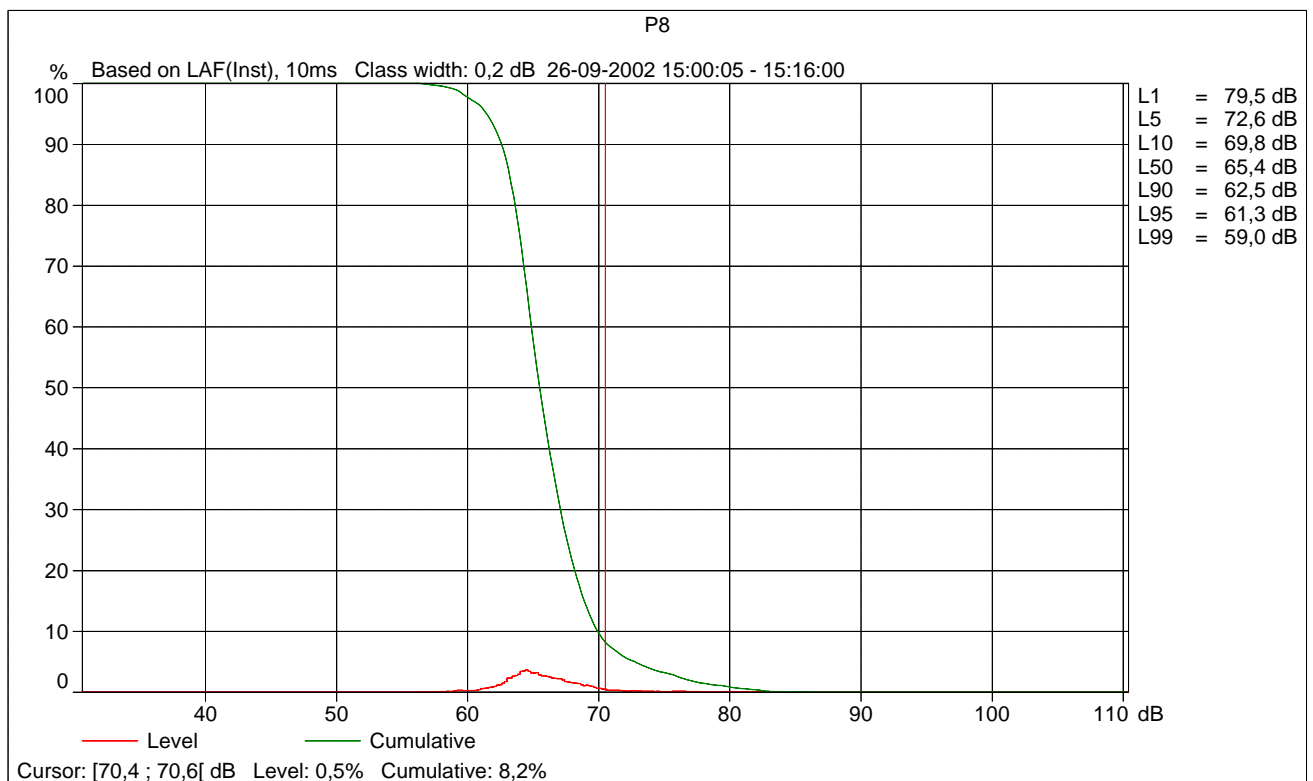
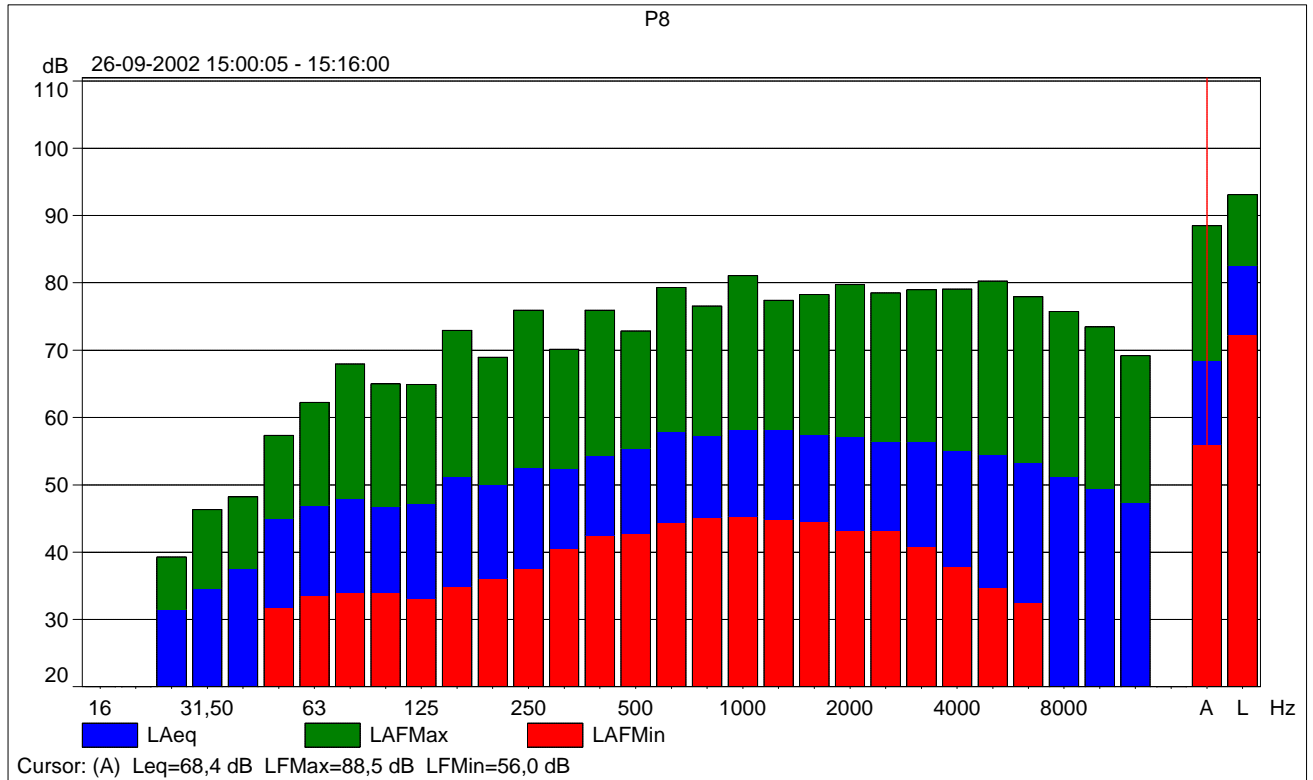
P7N

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAIIm [dB]
Value			0,0	67,7	91,0	52,6	73,2
Time	22:00:03	0:30:02					
Date	06-02-2002						



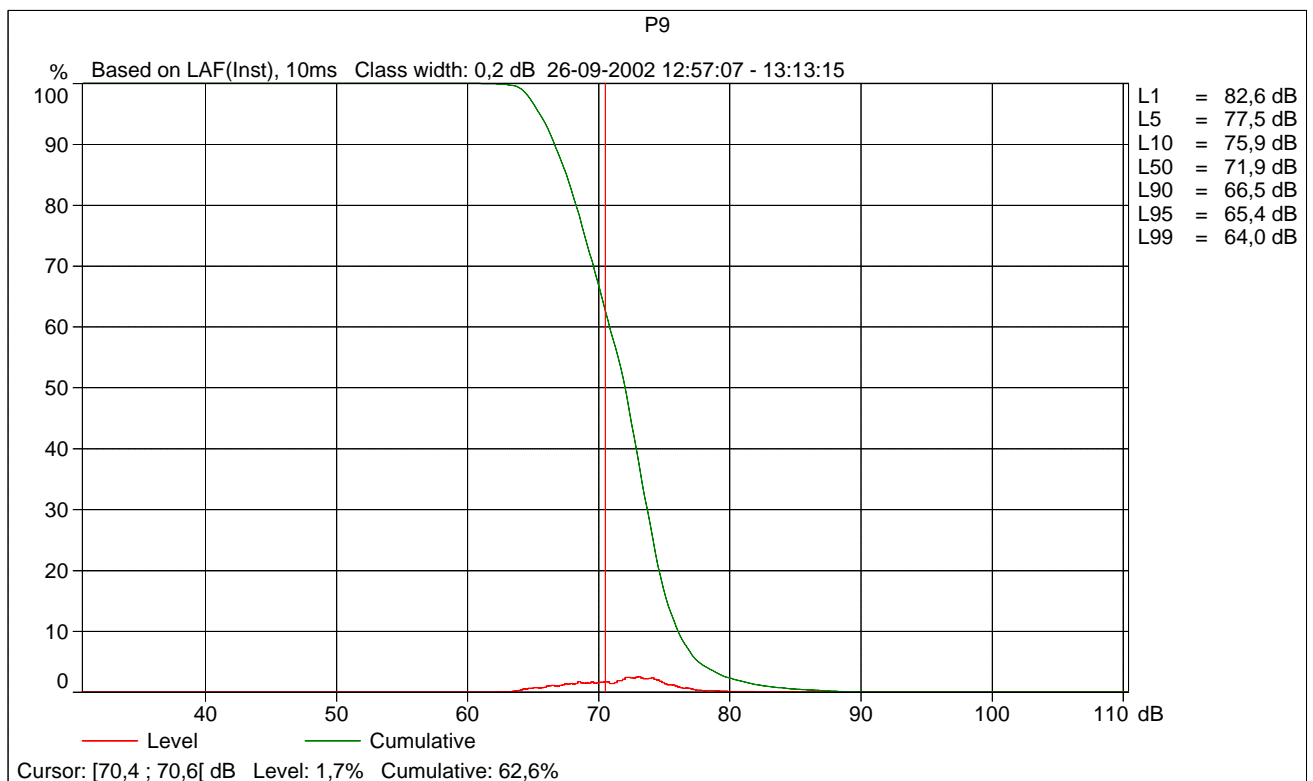
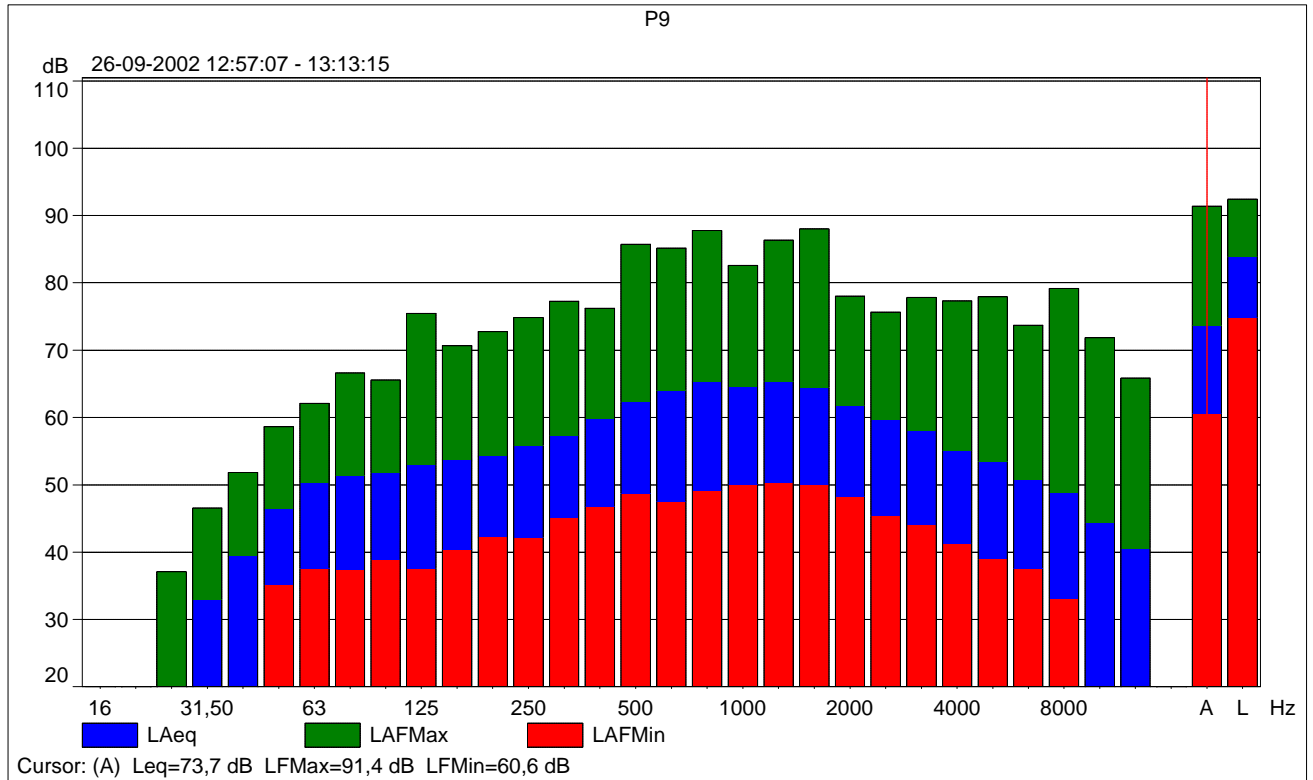
P8

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	68,4	83,0	56,9	72,1
Time	15:00:05	0:15:03					
Date	26-09-2002						



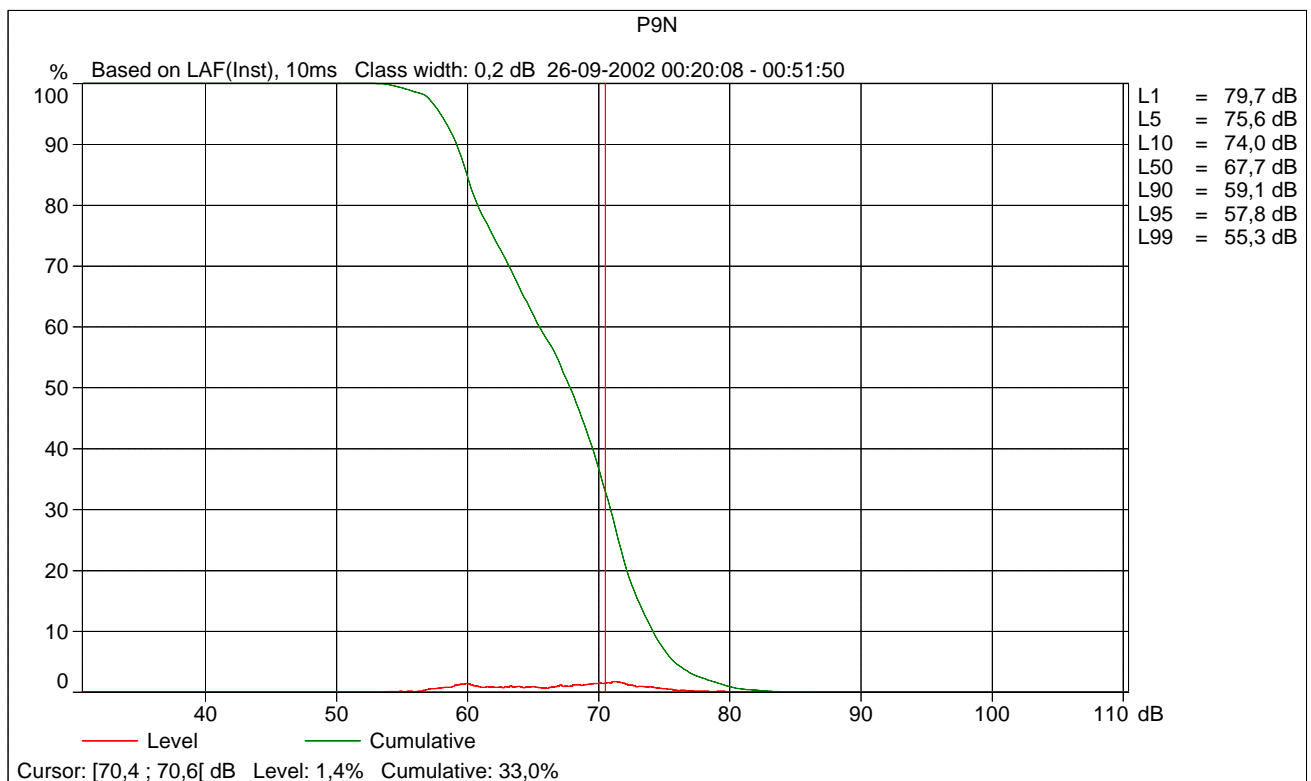
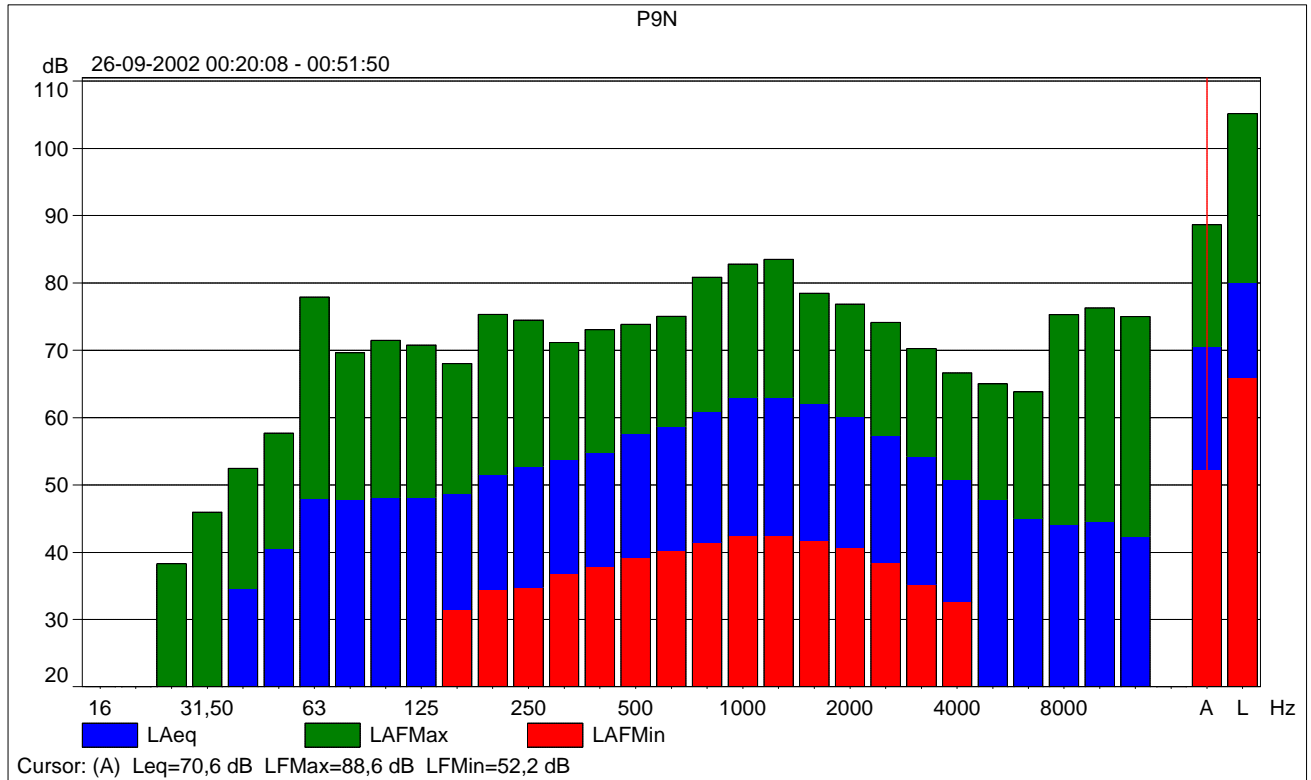
P9

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	73,7	87,9	64,0	76,9
Time	12:57:07	0:15:05					
Date	26-09-2002						



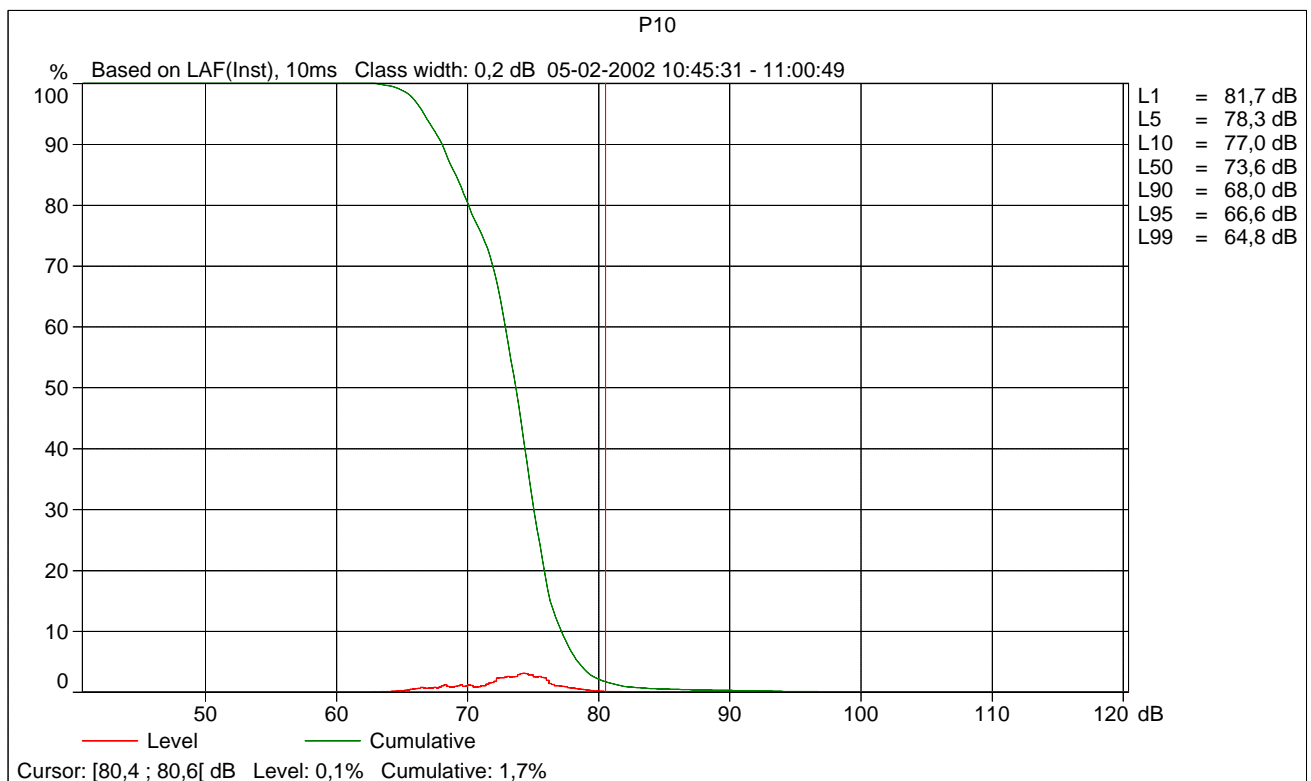
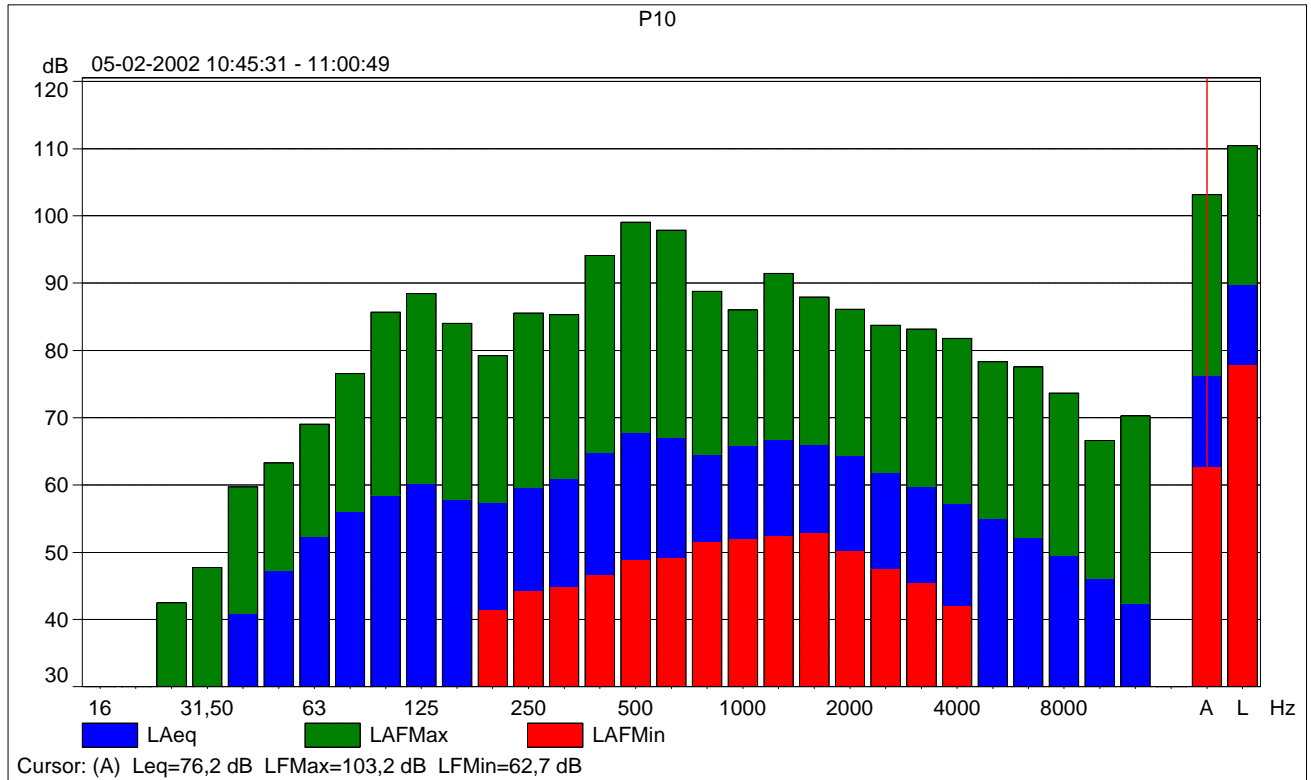
P9N

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	70,6	84,2	54,0	72,1
Time	00:20:08	0:30:06					
Date	26-09-2002						



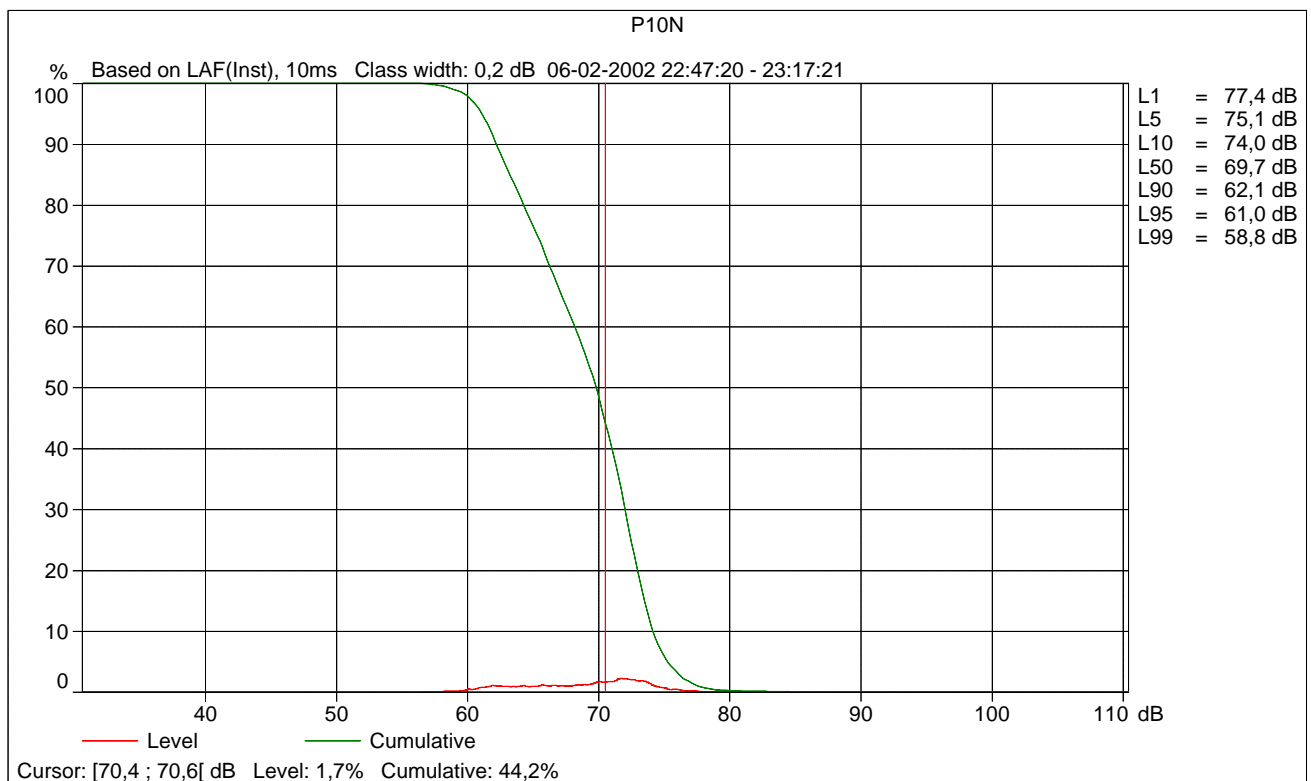
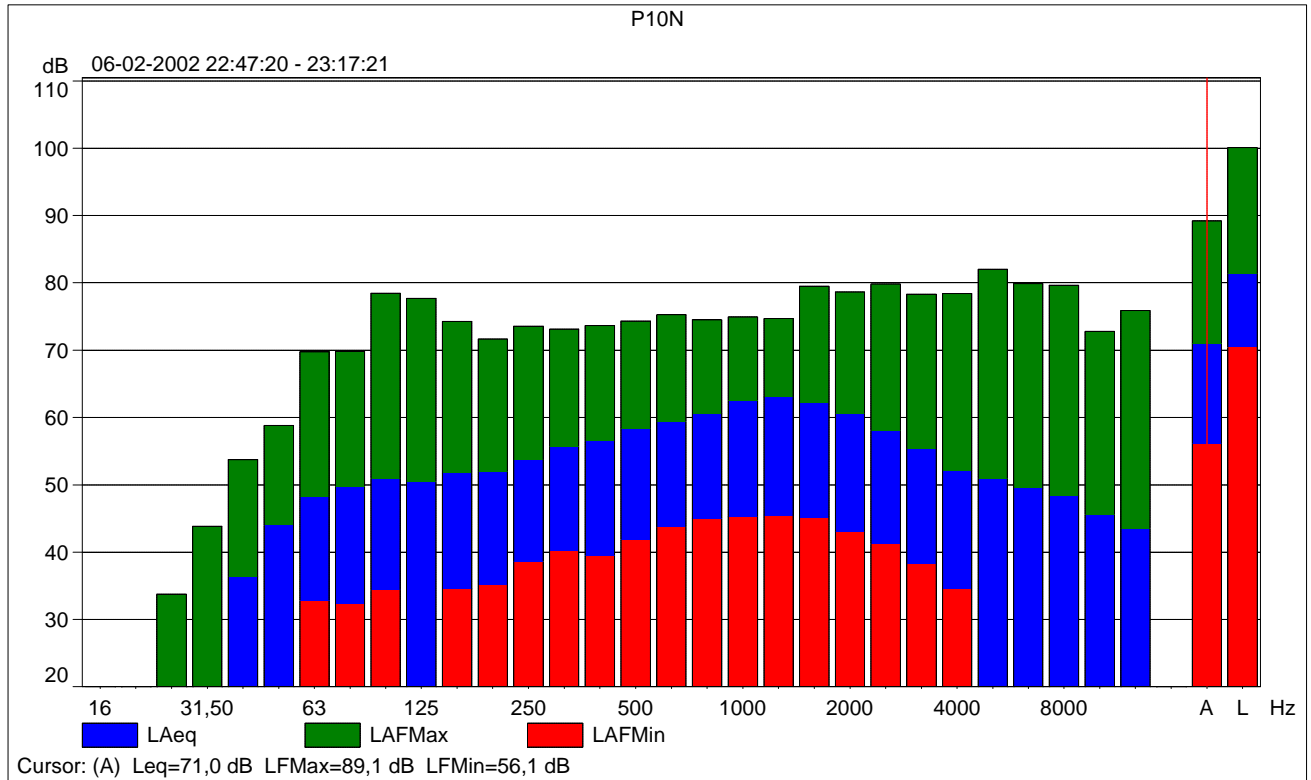
P10

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	76,2	98,2	63,5	80,7
Time	10:45:31	0:15:18					
Date	05-02-2002						



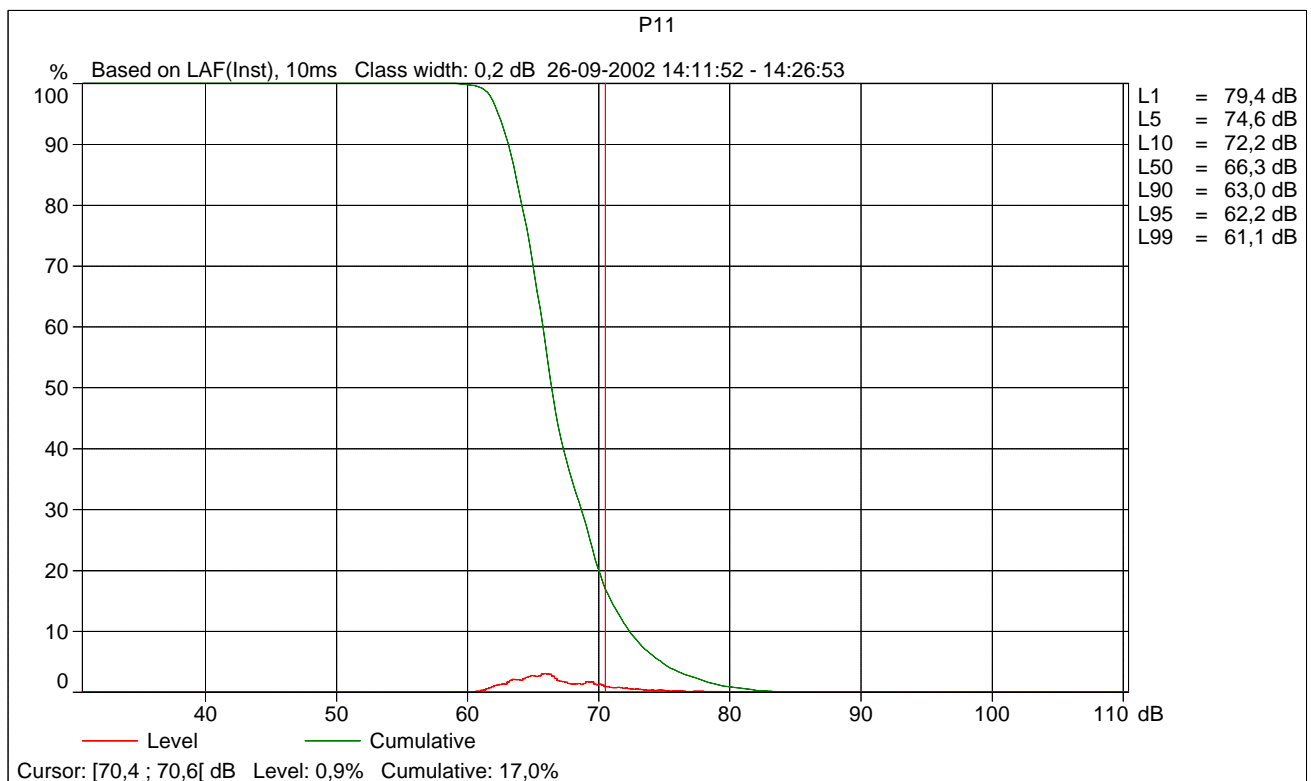
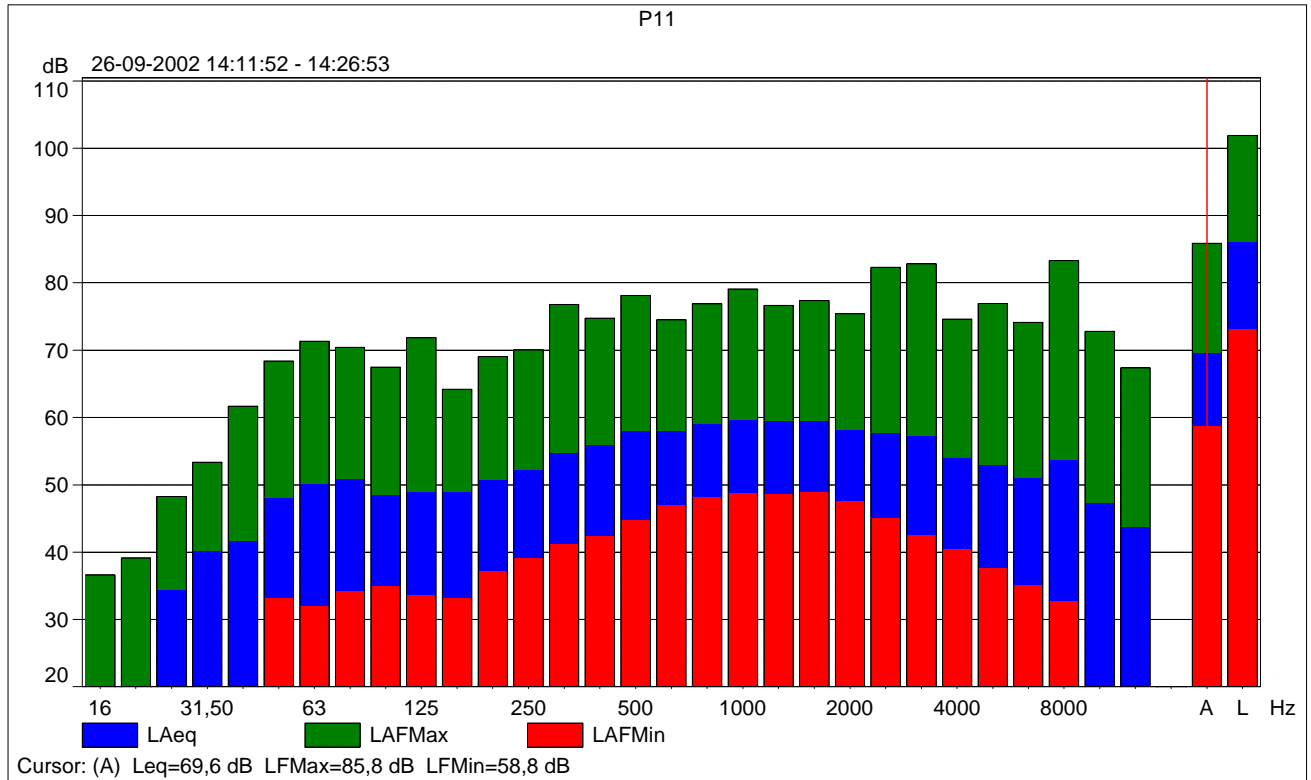
P10N

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	71,0	86,5	57,2	72,2
Time	22:47:20	0:30:01					
Date	06-02-2002						



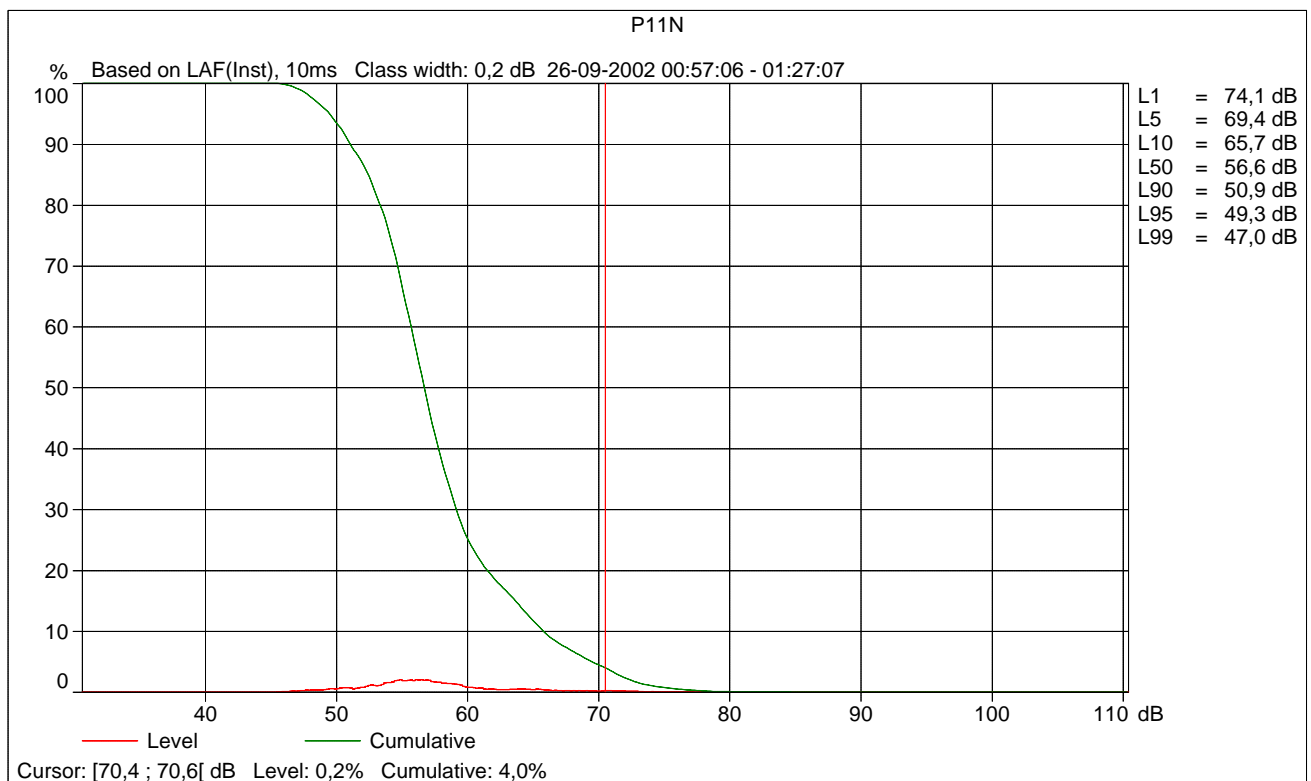
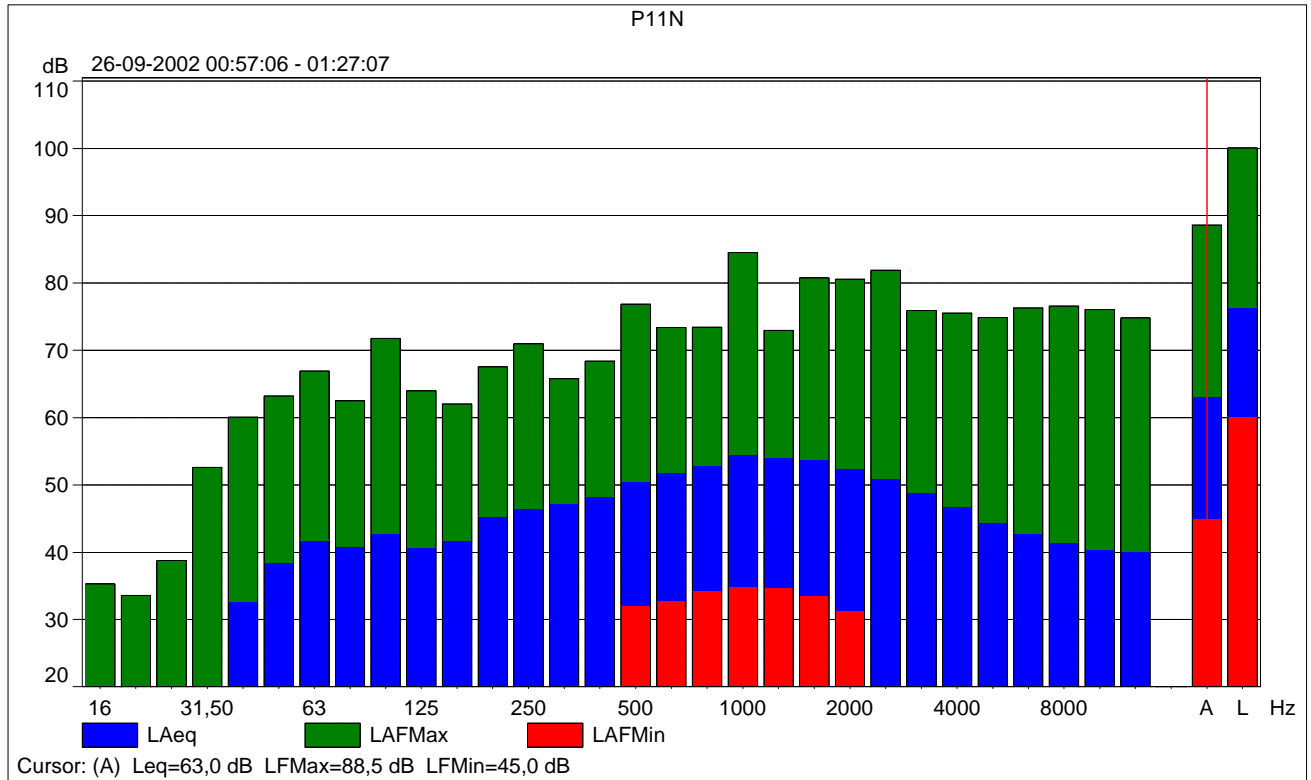
P11

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	69,6	81,4	59,9	72,2
Time	14:11:52	0:15:01					
Date	26-09-2002						



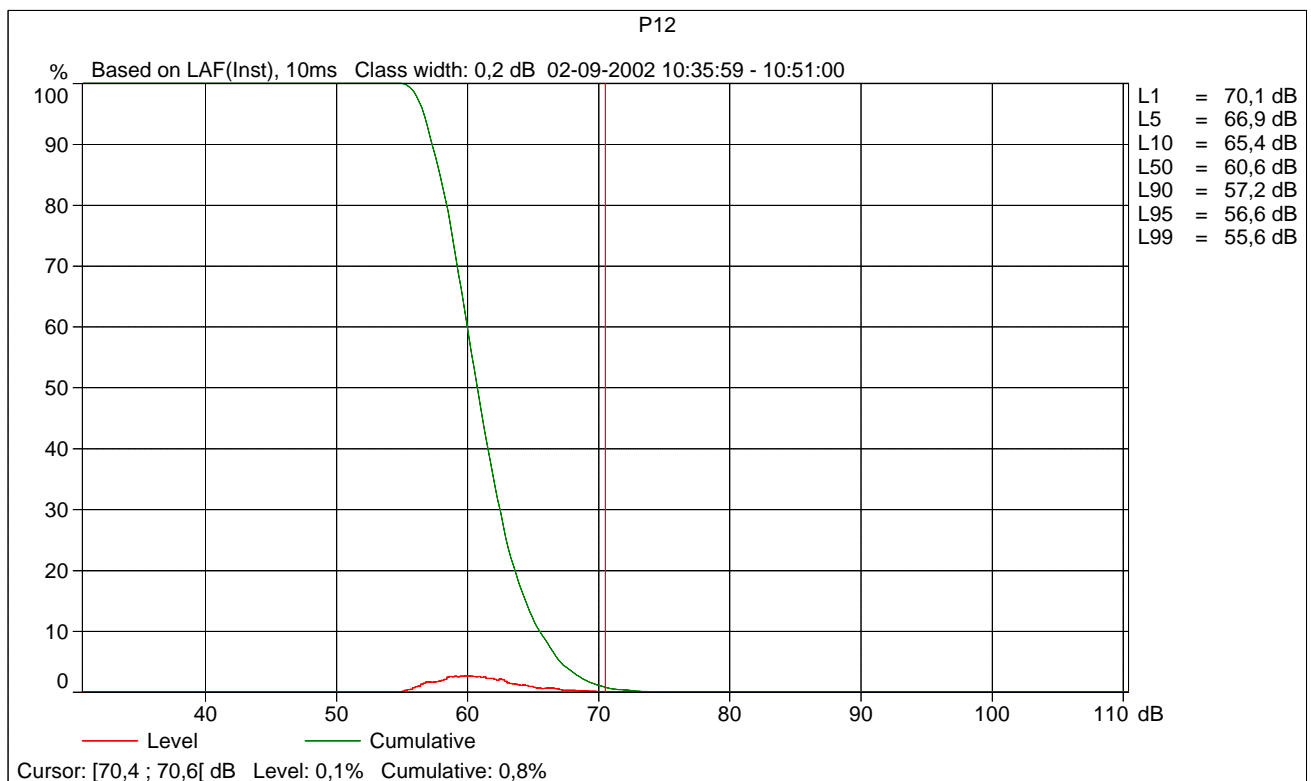
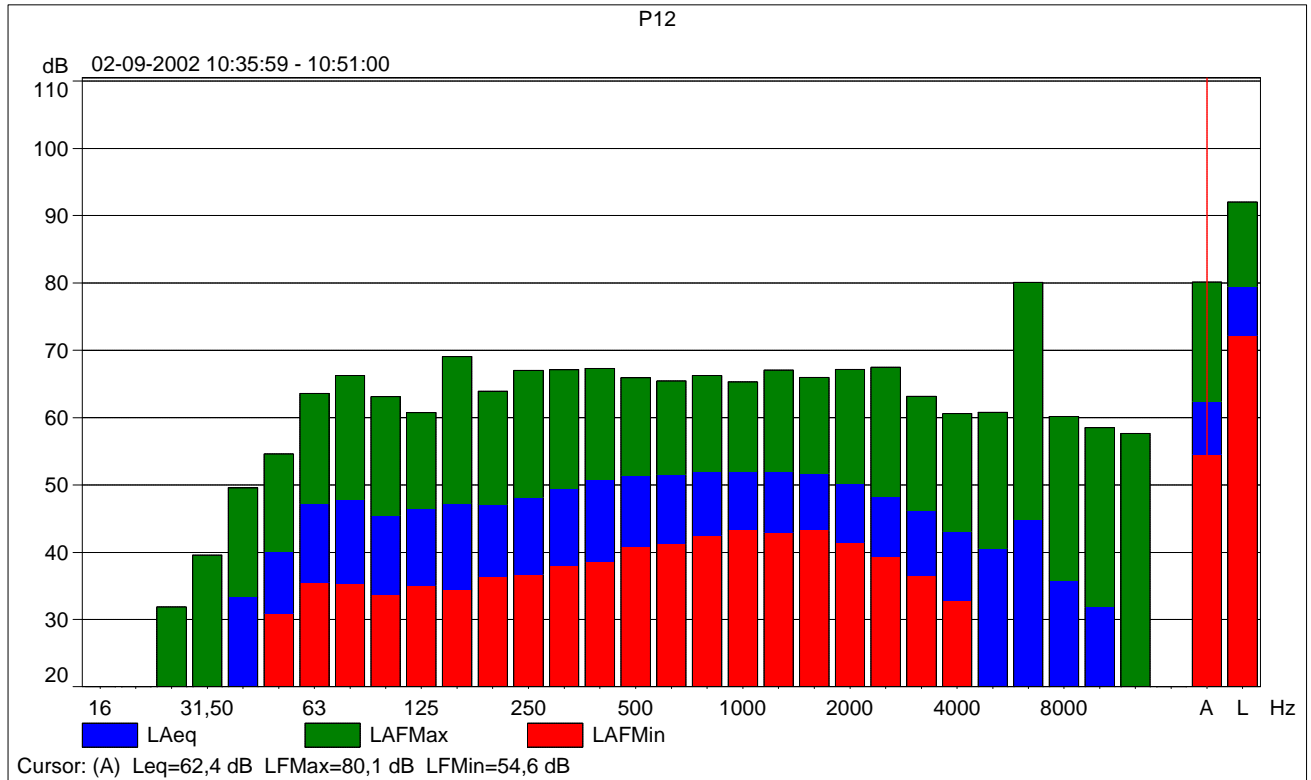
P11N

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	63,0	81,9	45,9	66,4
Time	00:57:06	0:30:01					
Date	26-09-2002						



P12

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	62,4	72,6	55,4	64,3
Time	10:35:59	0:15:01					
Date	02-09-2002						



P12N

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LASMax [dB]	LASMin [dB]	LAI _m [dB]
Value			0,0	59,8	75,3	51,1	61,3
Time	22:40:06	0:30:02					
Date	02-09-2002						

