

Channel-Messung**Aufbau:**

Patch-Kabel A-Ende: **5 m Giga-Channel Patch Cord STPCG5MBBL**
 Komponente A-Ende: **Panduit Cat.6 Shielded Mini Jack CJS688**
 Tertiärkabel: **90 m UC400 SS23/1 4P**
 Komponente E-Ende: **Panduit Cat.6 Shielded Mini Jack CJS688**
 Patch-Kabel E-Ende: **5 m Giga-Channel Patch Cord STPCG5MBBL**

Datum: **14.02.2000**
 Prüfer: **Dr. C. Pfeiler**
 Datei: **423pandui.xls**

Frequenz: 1-300 MHz (401 Meßpunkte)
 Meßgeräte: HP8753, KRMZ 1200
 Bewertung gegen Class: **E**

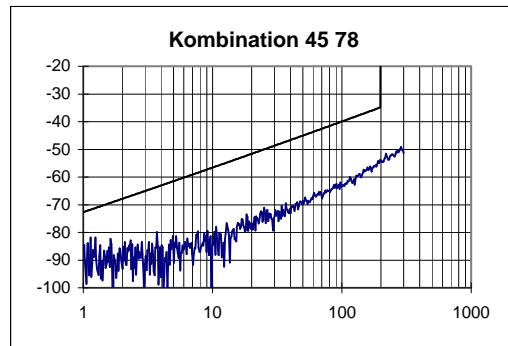
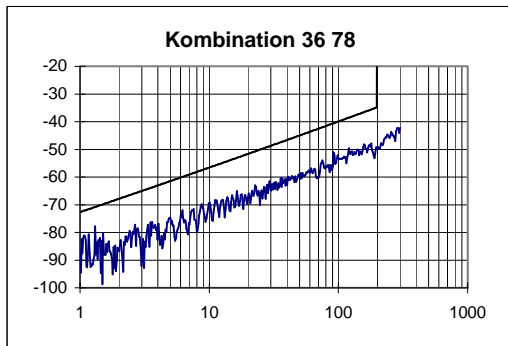
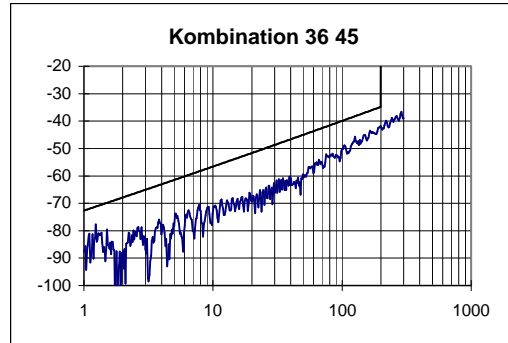
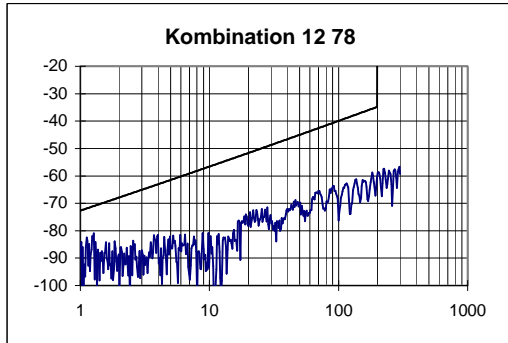
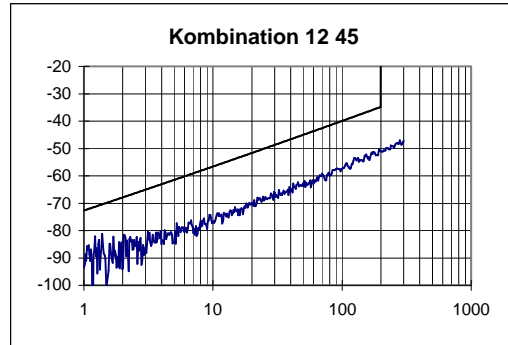
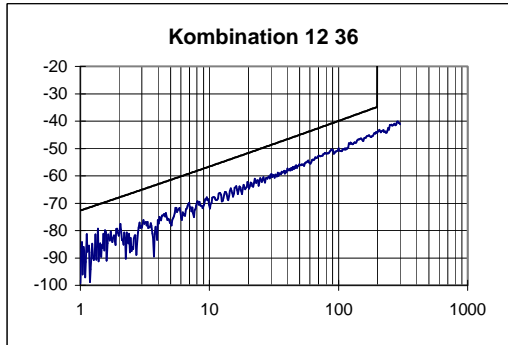
Resultat: Der Channel entspricht Class E nach Papier N552.

gepr.

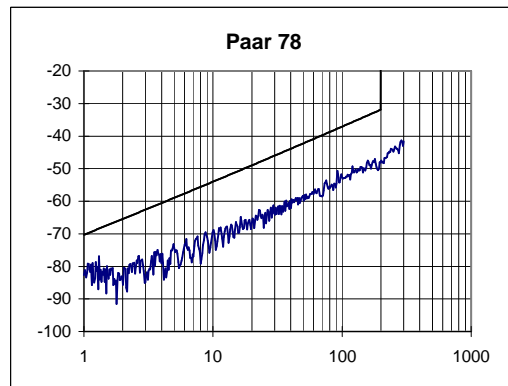
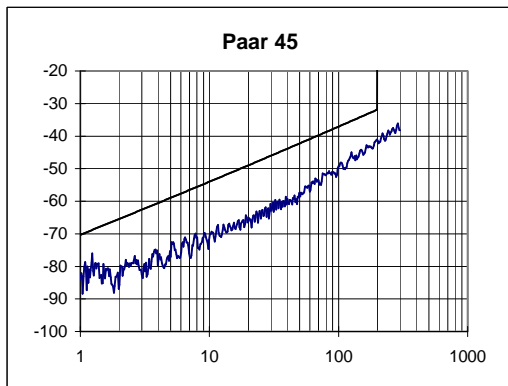
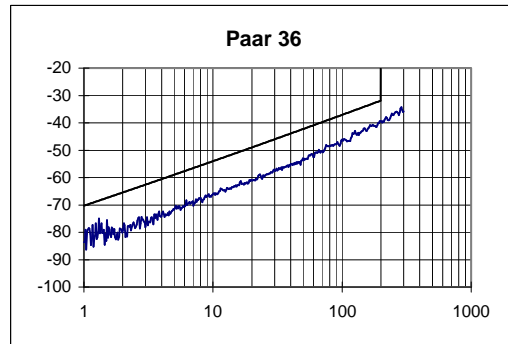
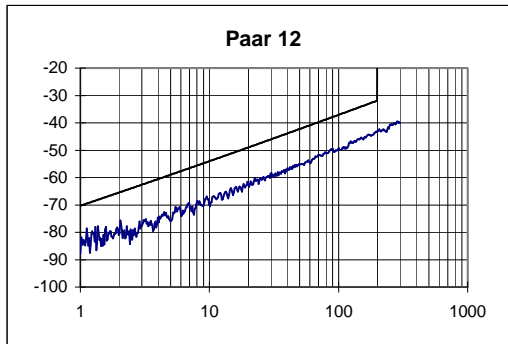

Übersicht Ergebnis:

Paar	12	36	45	78	Grenzwert	max. skew/ns	Grenzw.
max. Laufzeit / ns	447,0	457,8	442,5	449,6	544	16,8	50
Dämpfung @ 100MHz/dB	19,45	19,52	19,06	19,16	21,7		
Dämpfung @ 200MHz/dB	28,27	28,73	27,70	27,85	31,7		
min PSNEXT-Res. / dB	9,08	6,61	7,23	8,48			
@ f / MHz	1,12	1,31	1,24	1,31			
PSNEXT Gr. / dB	69,49	68,40	68,80	68,40			
PSNEXT @ 100 MHz	49,2	46,1	49,2	52,8	37,1		
PSNEXT @ 200 MHz	42,9	39,4	41,4	47,5	31,9		
min PSELFEXT-Res. / dB	9,58	8,81	11,35	14,45			
@ f / MHz	1,22	1,06	1,26	1,11			
PSELFEXT Gr. / dB	58,49	59,73	58,24	59,35			
PSELFEXT @ 100 MHz	36,5	36,0	45,6	44,9	20,2		
PSELFEXT @ 200 MHz	32,8	27,1	28,1	40,2	14,2		
min PSACR-Reserve / dB	9,2	6,8	7,4	8,6			
@ f / MHz	1,1	1,3	1,2	1,3			
PSACR Grenz. / dB	67,2	65,9	66,4	65,9			
PSACR @ 100 MHz	29,7	26,8	30,1	33,6	15,4		
PSACR @ 200 MHz	14,3	11,2	13,7	19,7	0,1		
min RL-Reserve / dB	3,6	6,7	5,6	4,4			
@ f / MHz	1,7	4,7	1,7	1,7			
RL Grenzwert / dB	19,0	19,0	19,0	19,0			
Kombination	12 36	12 45	12 78	36 45	36 78	45 78	Grenzwert
min NEXT-Reserve / dB	8,77	10,78	9,94	6,45	7,06	10,09	
@ f / MHz	1,37	1,39	1,27	1,24	1,31	1,14	
NEXT @ 100 MHz	49,9	57,3	76,3	50,1	53,2	63,4	39,9
NEXT @ 200 MHz	43,7	51,1	58,9	42,2	49,0	54,4	34,8
min ELFEXT-Res. / dB	7,5	11,7	15,0	9,8	14,7	17,3	
@ f / MHz	1,2	1,2	1,1	1,1	1,1	1,1	
ELFEXT @ 100 MHz	36,8	53,4	51,9	47,1	46,5	54,6	23,2
ELFEXT @ 200 MHz	33,7	40,2	61,7	28,4	41,5	46,3	17,2
min ACR / dB	15,0	23,0	31,1	14,4	21,1	26,2	
@ f / MHz	201,2	192,8	201,2	198,4	201,2	198,4	
ACR @ 100 MHz	30,4	38,3	57,1	31,1	34,0	44,2	18,2
ACR @ 200 MHz	15,0	23,4	31,1	14,5	21,1	26,5	3,0

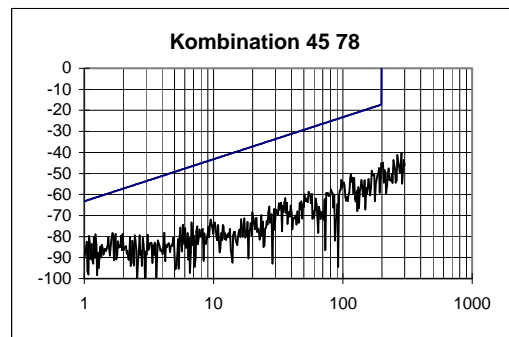
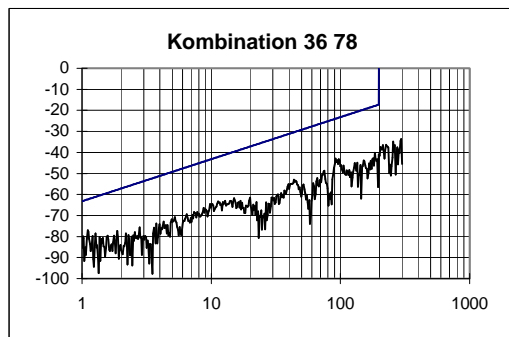
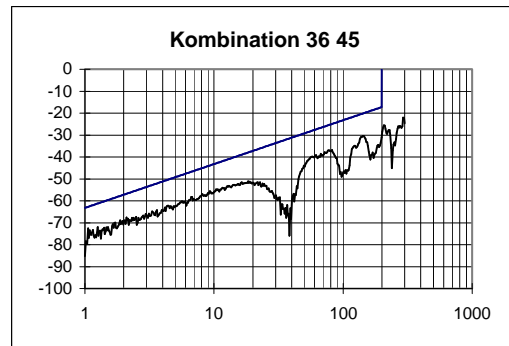
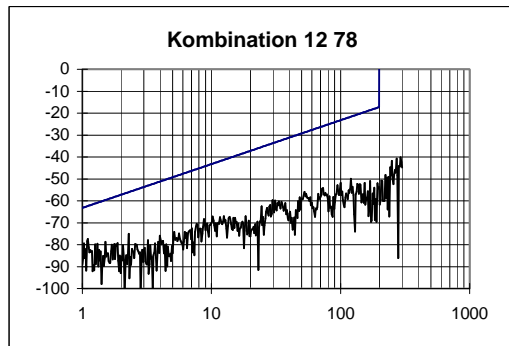
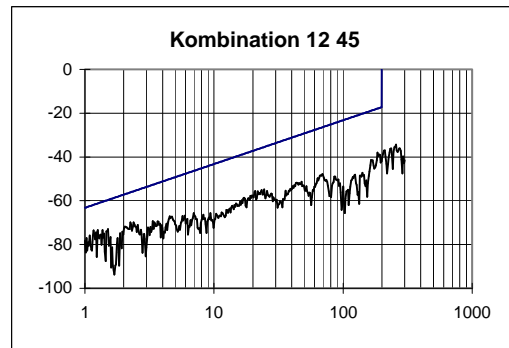
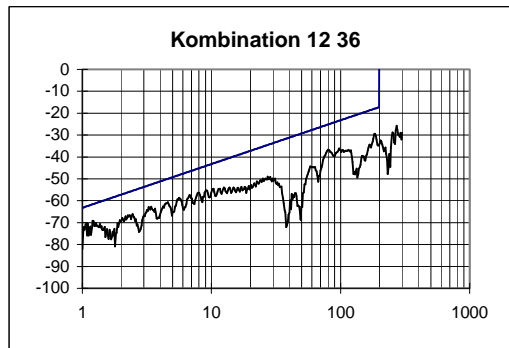
NEXT / dB



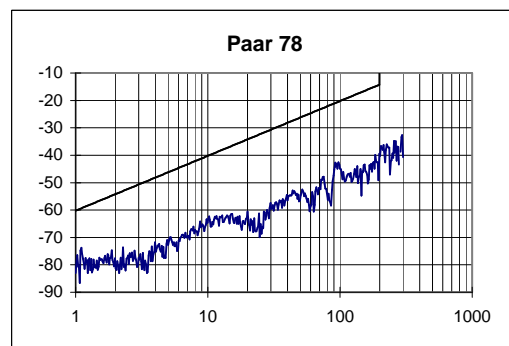
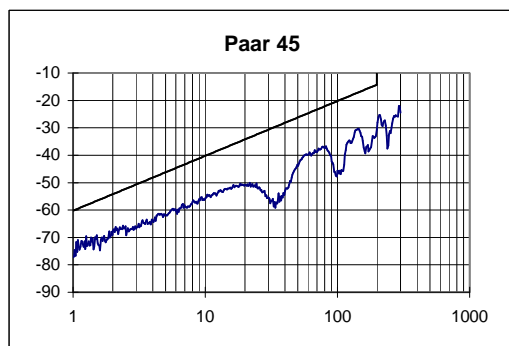
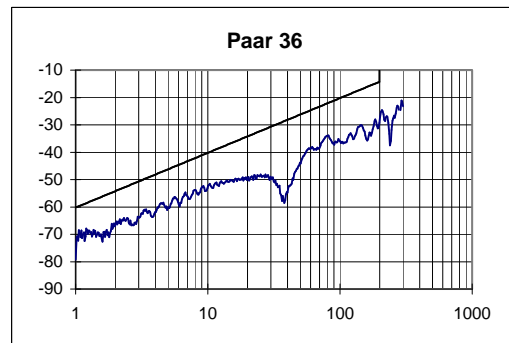
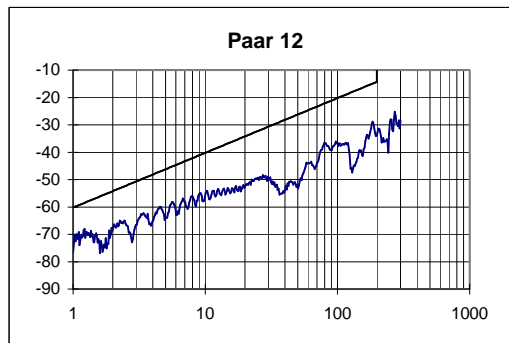
PSNEXT / dB



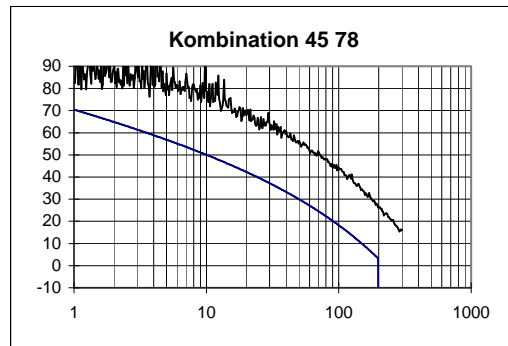
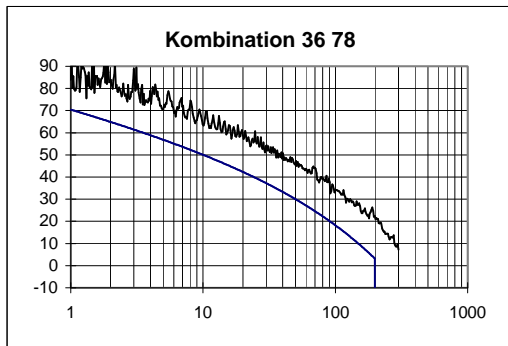
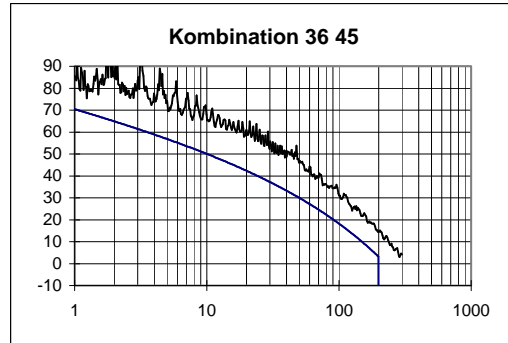
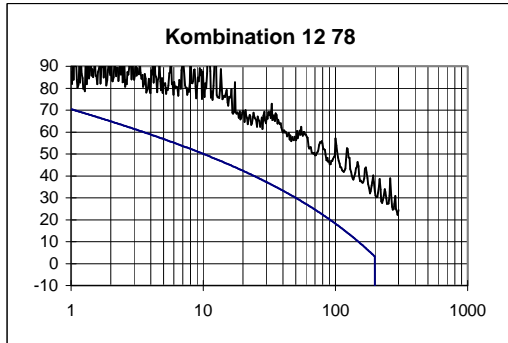
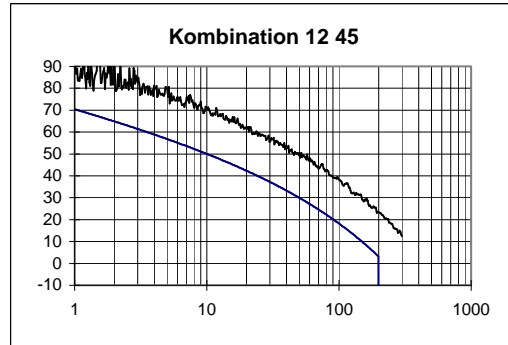
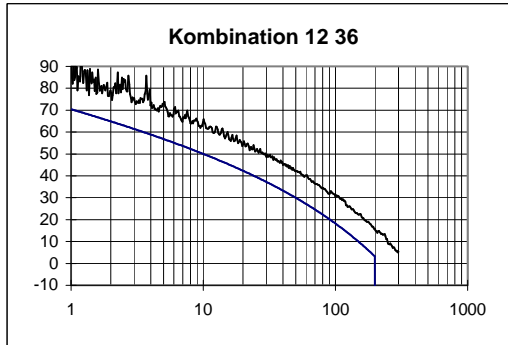
ELFEXT / dB



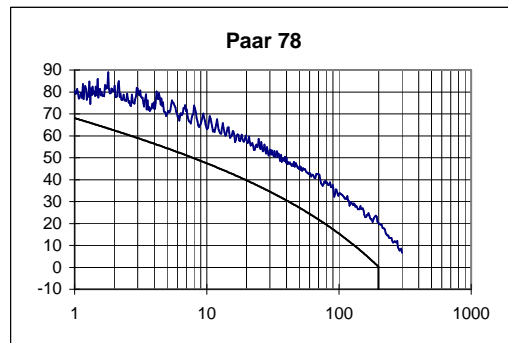
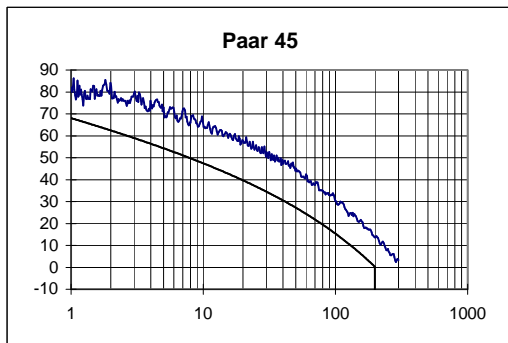
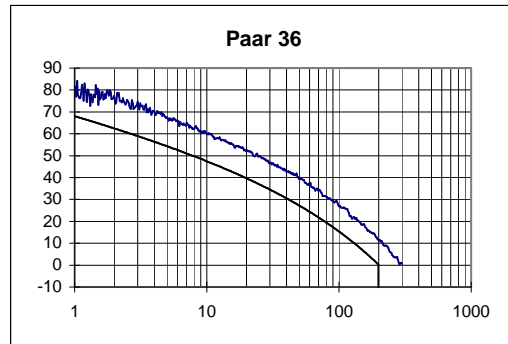
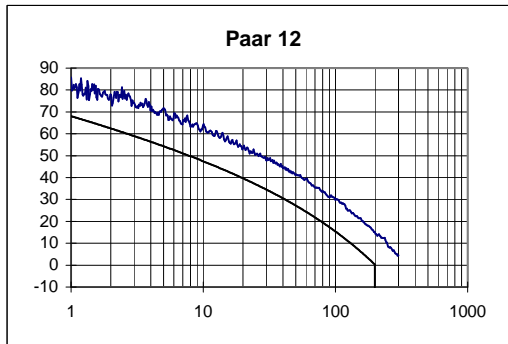
PSELFEXT / dB



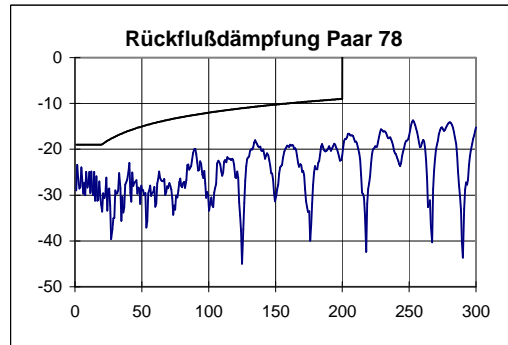
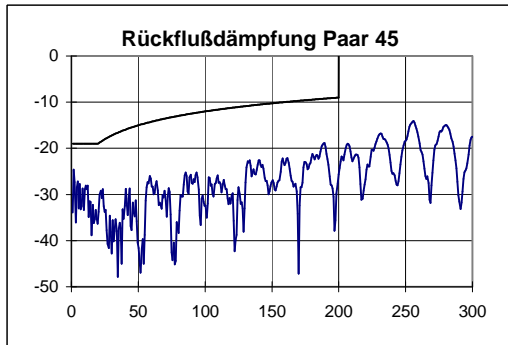
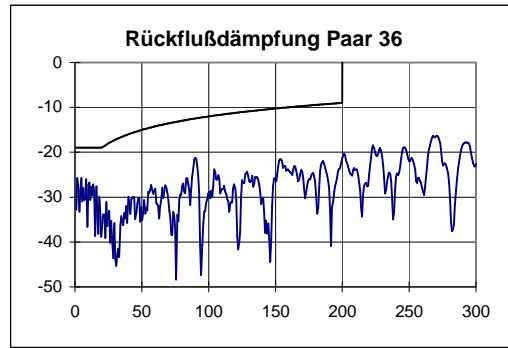
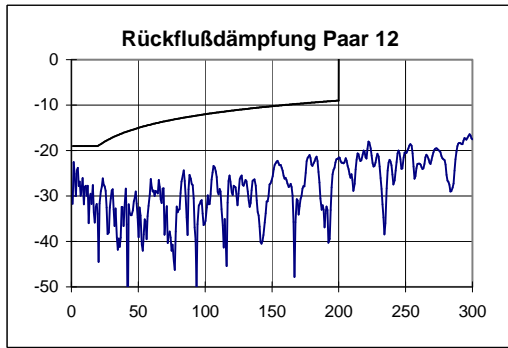
ACR / dB



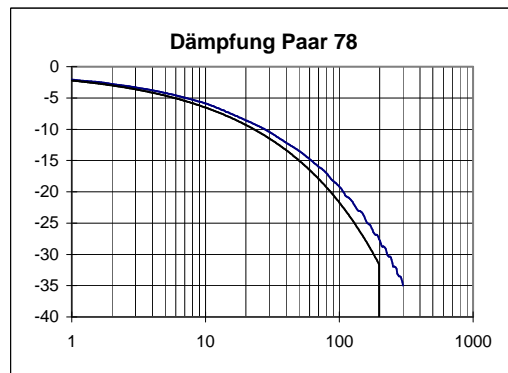
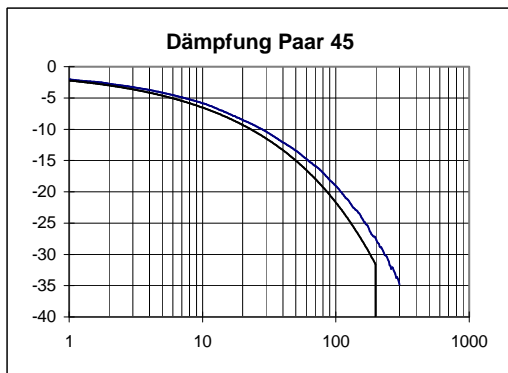
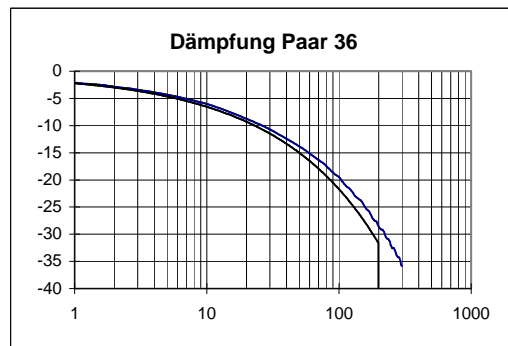
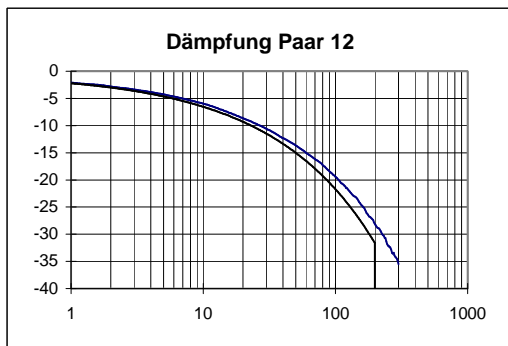
PSACR / dB

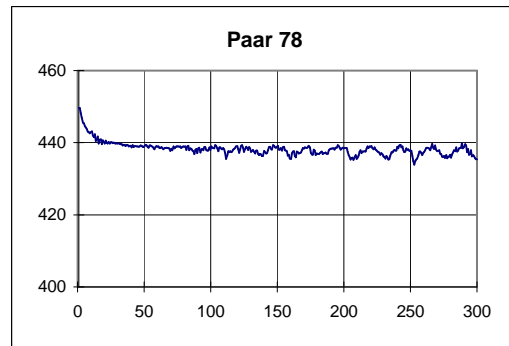
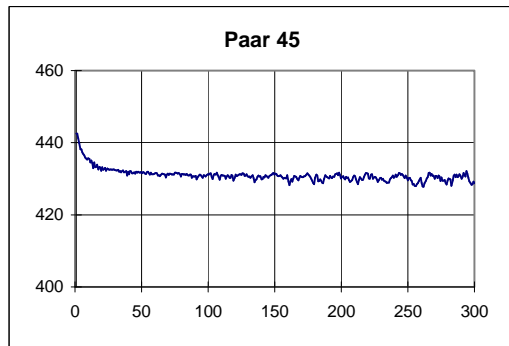
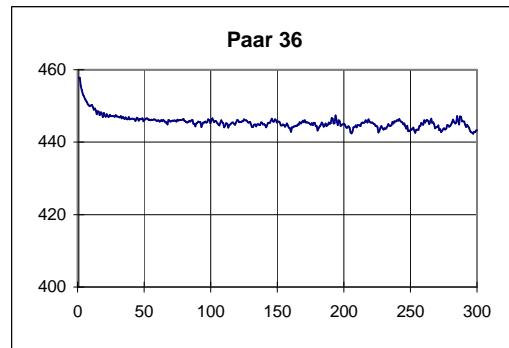
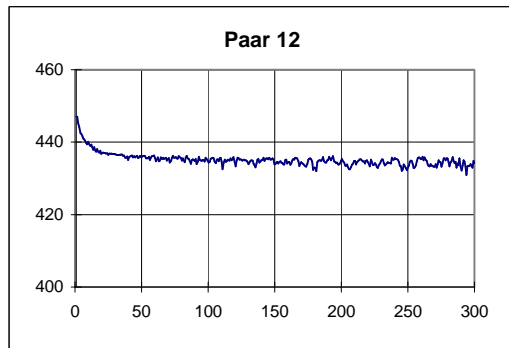


Return Loss / dB



Dämpfung / dB





Ende des Prüfberichtes