

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 HS24 4P**
 Komponente E-Ende: **Panduit Cat.6 Shielded Mini Jack CJS688**
 Patch-Kabel E-Ende: **5 m Giga-Channel Patch Cord STPCG5MBBL**

Datum: **05.01.2000**
 Prüfer: **Dr. C. Pfeiler**
 Datei: **hs4pandui.xls**

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

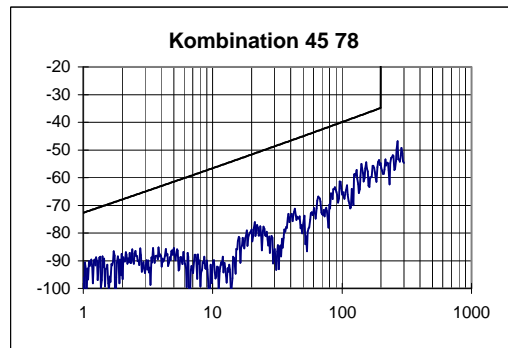
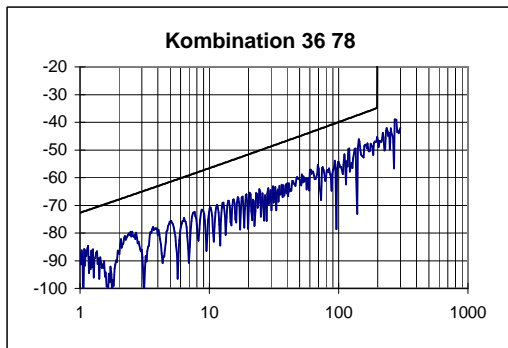
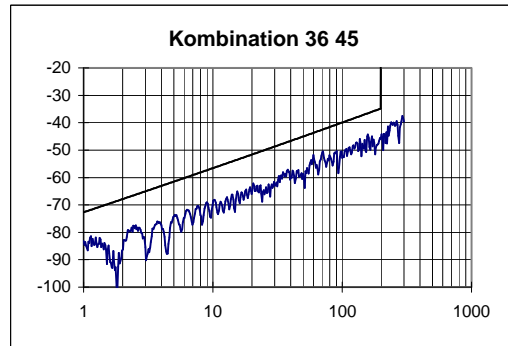
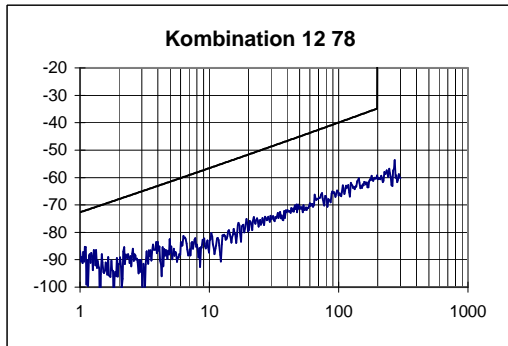
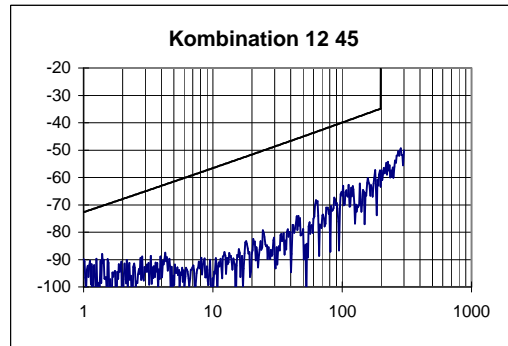
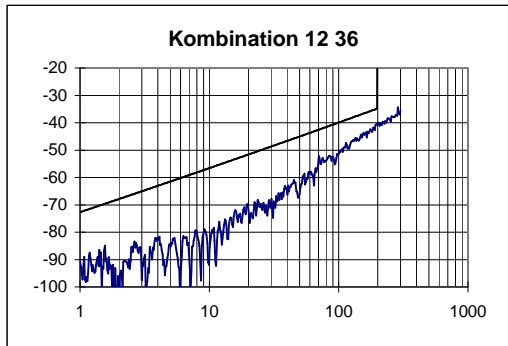
Resultat: Der Channel entspricht Class E nach Papier N552.

gepr.

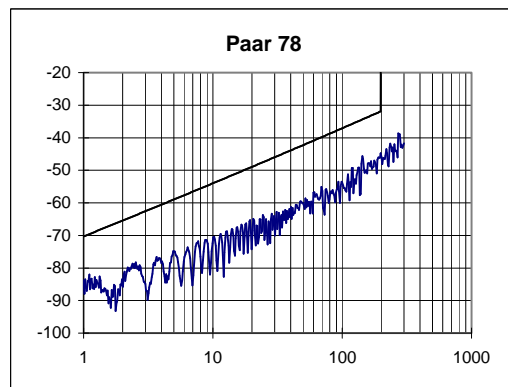
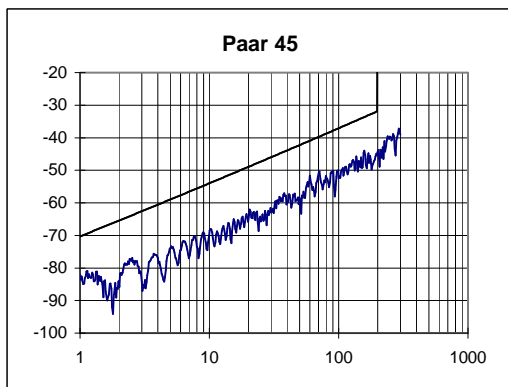
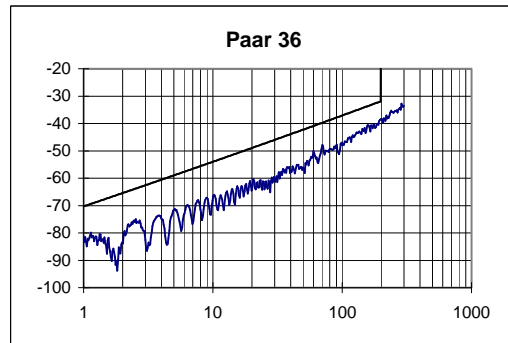
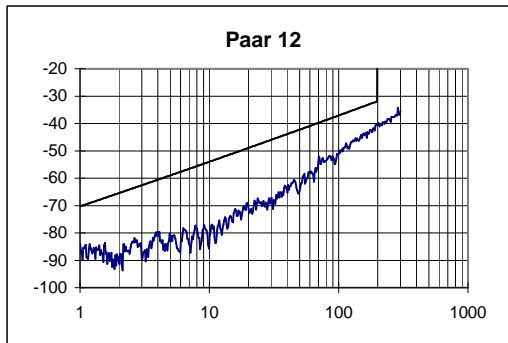

Übersicht Ergebnis:

Paar	12	36	45	78	Grenzwert	max. skew/ns	Grenzw.
max. Laufzeit / ns	435,2	436,4	433,1	434,5	544	6,7	50
Dämpfung @ 100MHz/dB	20,05	19,41	20,17	19,08	21,7		
Dämpfung @ 200MHz/dB	29,05	28,21	29,17	27,40	31,7		
min PSNEXT-Res. / dB	8,47	6,55	10,37	11,21			
@ f / MHz	195,59	198,39	157,92	142,92			
PSNEXT Gr. / dB	32,02	31,91	33,64	34,39			
PSNEXT @ 100 MHz	51,1	47,9	52,5	53,8	37,1		
PSNEXT @ 200 MHz	40,4	38,3	43,8	46,1	31,9		
min PSELFEXT-Res. / dB	13,07	11,05	12,53	19,88			
@ f / MHz	1,22	1,72	1,65	105,94			
PSELFEXT Gr. / dB	58,49	55,51	55,89	19,72			
PSELFEXT @ 100 MHz	37,9	34,7	37,7	42,5	20,2		
PSELFEXT @ 200 MHz	36,9	29,9	30,3	39,2	14,2		
min PSACR-Reserve / dB	12,1	9,7	11,4	12,4			
@ f / MHz	192,8	70,1	1,1	1,1			
PSACR Grenz. / dB	1,0	21,8	67,1	67,3			
PSACR @ 100 MHz	31,7	28,3	32,3	34,7	15,4		
PSACR @ 200 MHz	12,2	9,9	14,7	18,7	0,1		
min RL-Reserve / dB	3,8	2,5	6,0	3,5			
@ f / MHz	1,7	1,7	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	5,67	17,12	13,18	7,76	8,85	17,66	
@ f / MHz	195,59	1,00	1,09	157,92	142,92	1,72	
NEXT @ 100 MHz	51,4	66,6	66,6	52,8	54,3	66,1	39,9
NEXT @ 200 MHz	40,6	57,4	60,7	44,2	46,6	56,5	34,8
min ELFEXT-Res. / dB	10,9	16,6	20,7	9,8	17,8	21,1	
@ f / MHz	1,3	1,1	1,2	1,6	105,9	1,4	
ELFEXT @ 100 MHz	38,5	48,1	53,6	38,2	43,3	52,6	23,2
ELFEXT @ 200 MHz	39,7	41,3	46,3	30,8	41,6	45,6	17,2
min ACR / dB	12,3	28,3	32,0	15,1	18,1	26,7	
@ f / MHz	201,2	201,2	198,4	201,2	198,4	192,8	
ACR @ 100 MHz	31,9	46,5	47,5	32,7	35,2	47,0	18,2
ACR @ 200 MHz	12,3	28,3	33,3	15,1	19,2	29,1	3,0

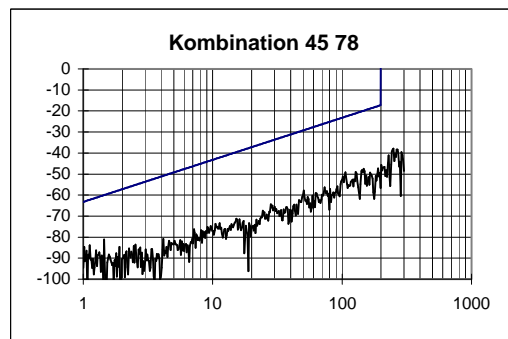
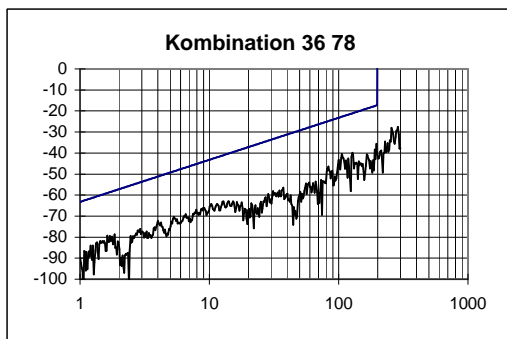
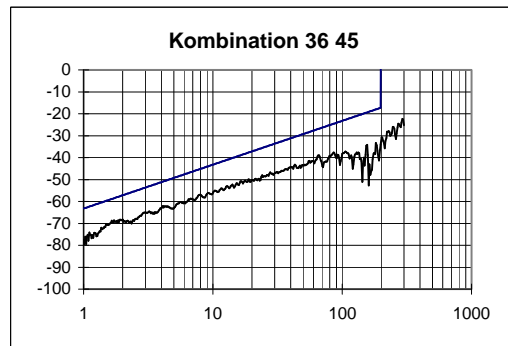
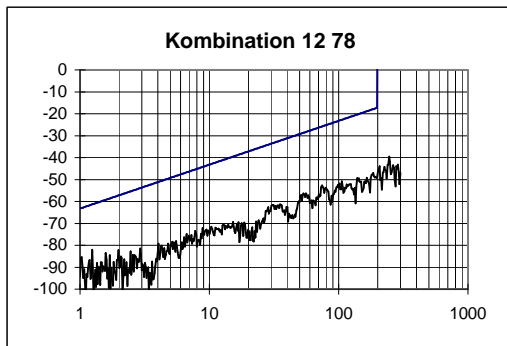
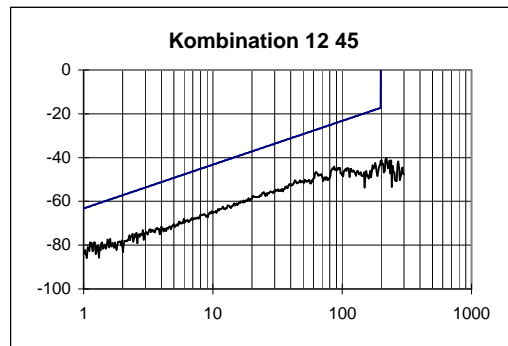
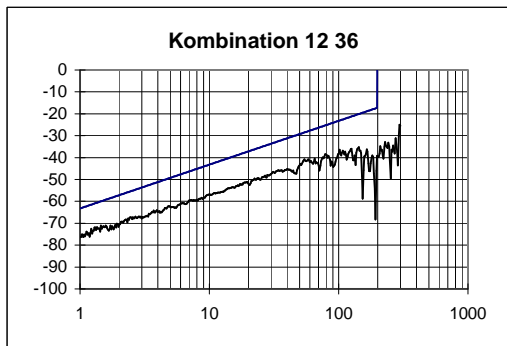
NEXT / dB



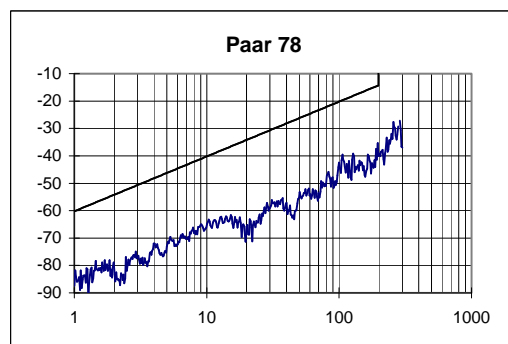
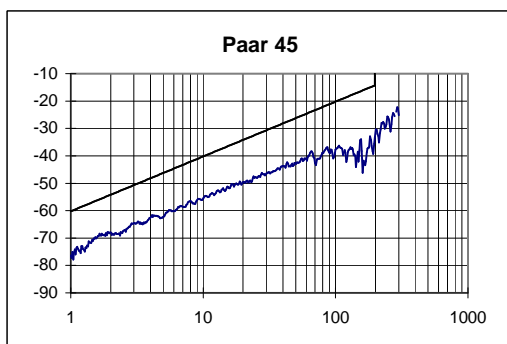
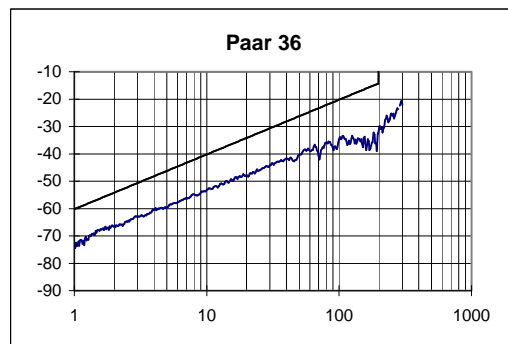
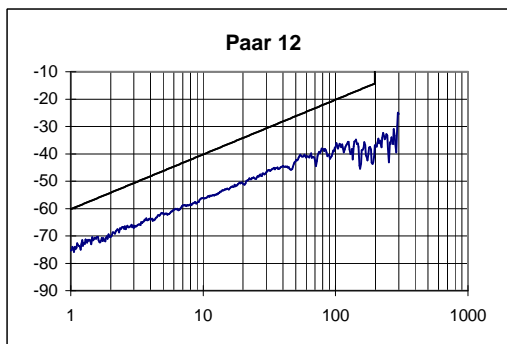
PSNEXT / dB



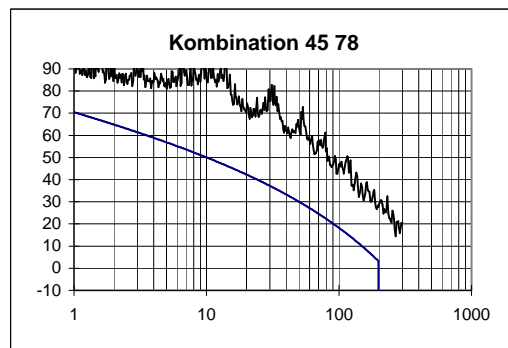
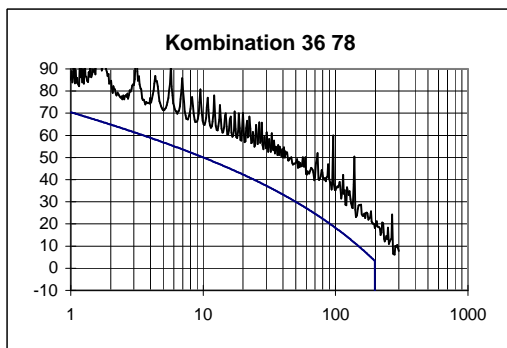
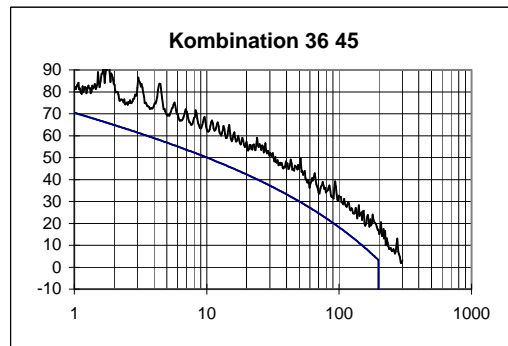
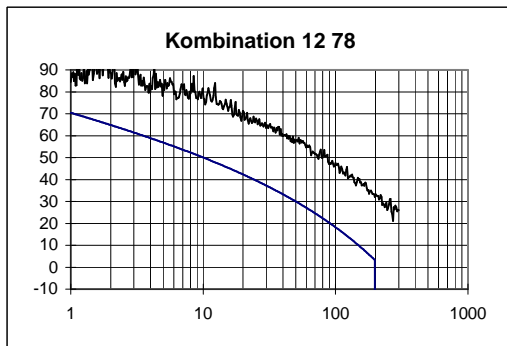
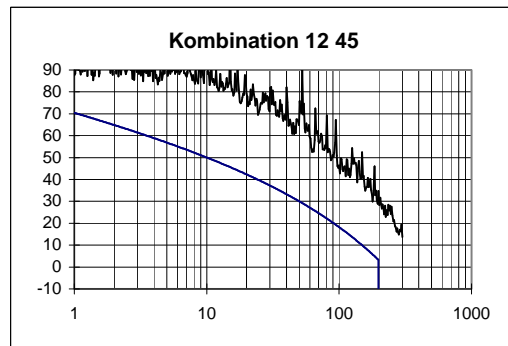
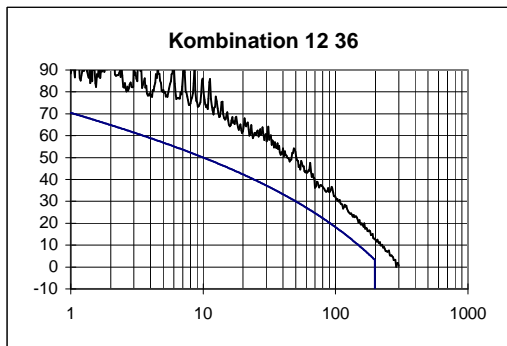
ELFEXT / dB



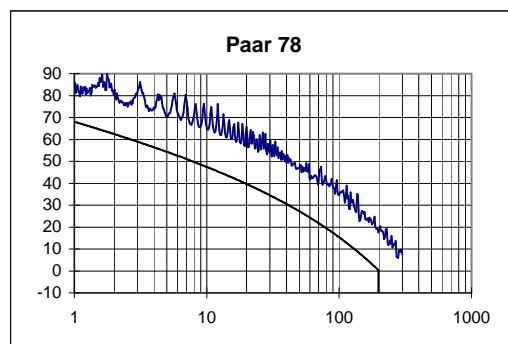
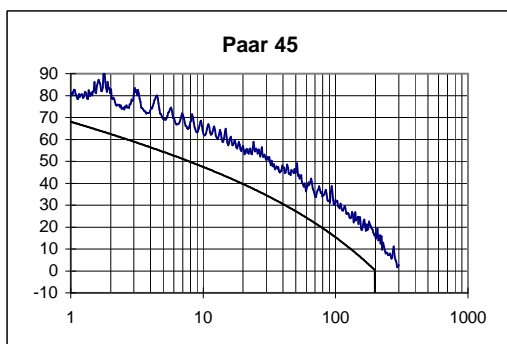
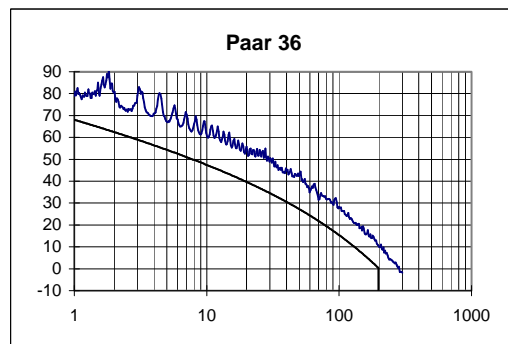
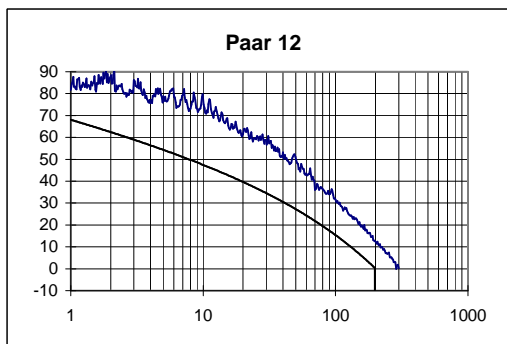
PSELFEXT / dB



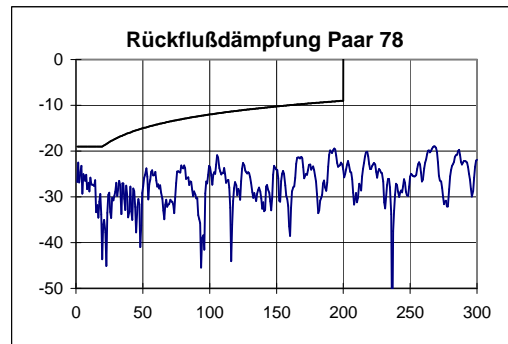
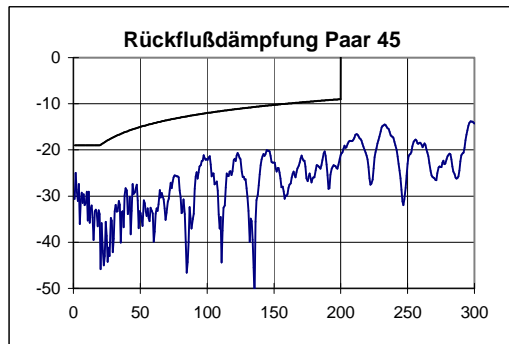
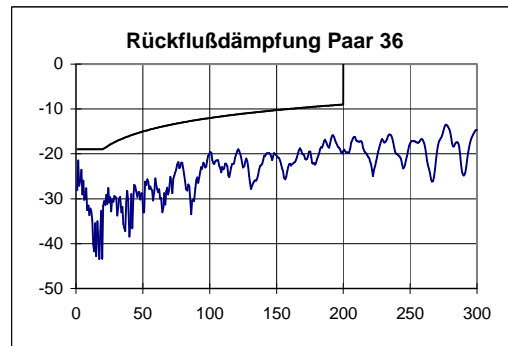
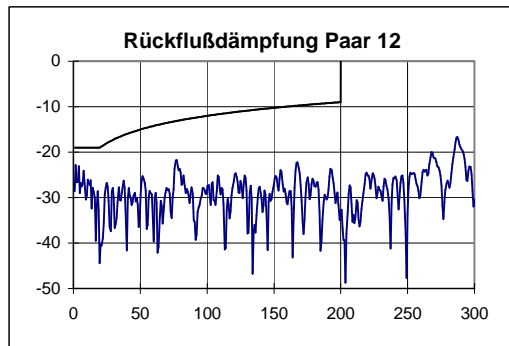
ACR / dB



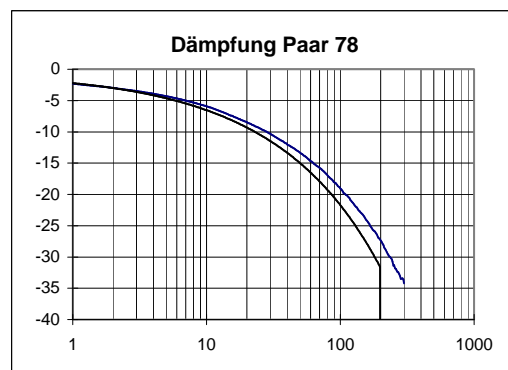
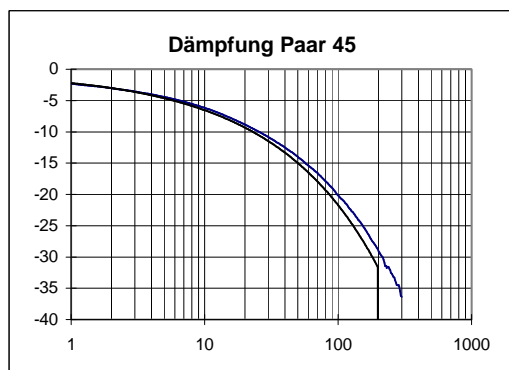
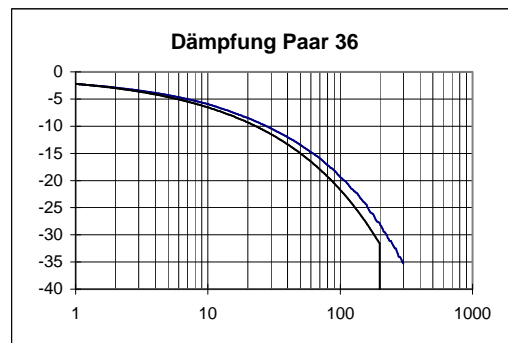
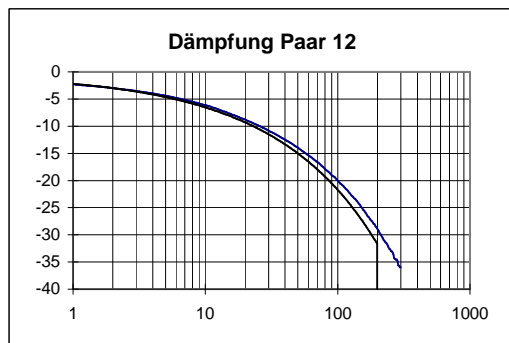
PSACR / dB



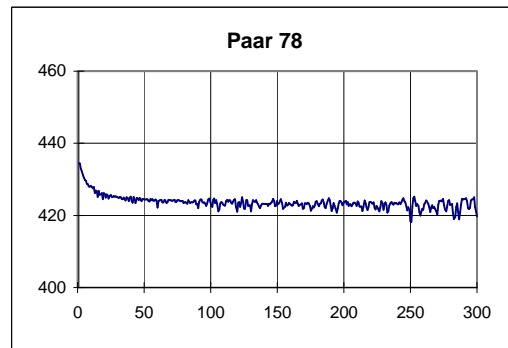
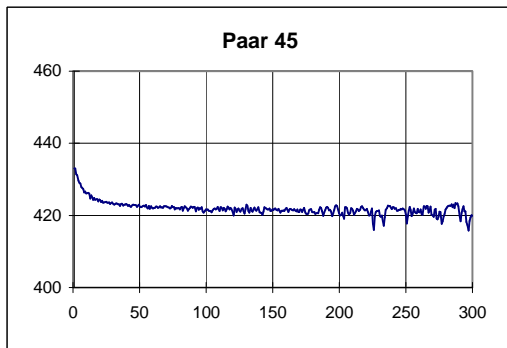
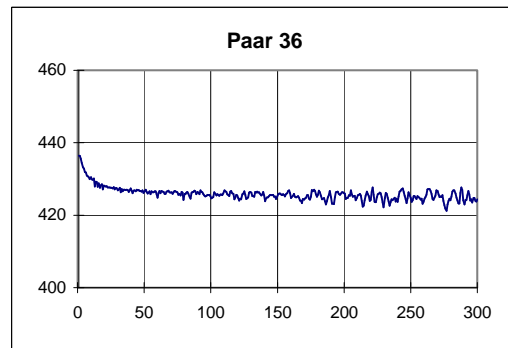
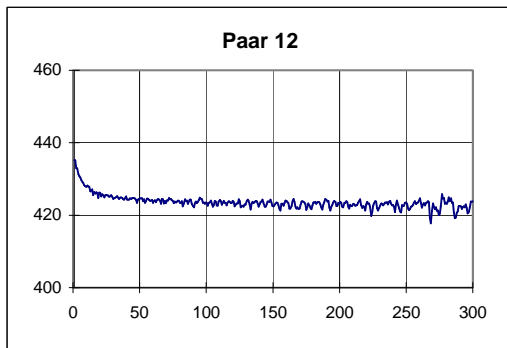
Return Loss / dB



Dämpfung / dB



Laufzeit / ns



Ende des Prüfberichtes