

Channel-Messung**Aufbau:**

Patch-Kabel A-Ende: 5 m Giga-Channel Patch Cord STPCG5MBBL
 Komponente A-Ende: Cat.6 Shielded Mini Jack CJS688
 Tertiärkabel: 90 m Economy Cat 7 4P FRNC
 Komponente E-Ende: 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: e_ss23.xls

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

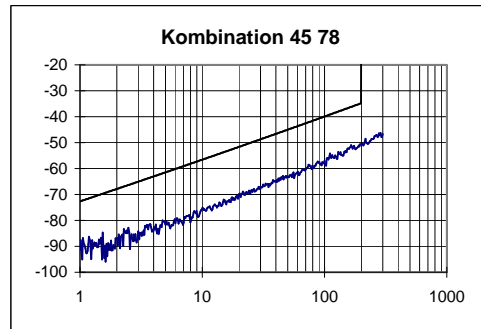
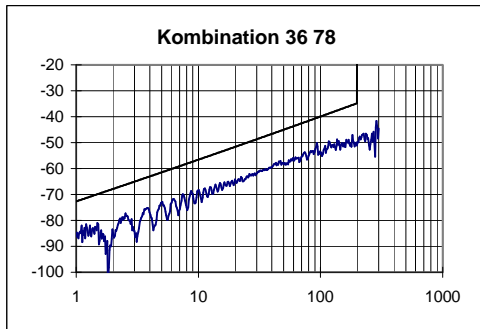
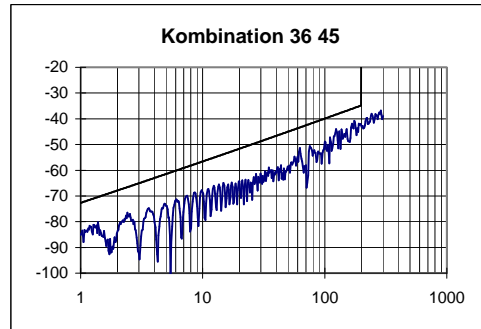
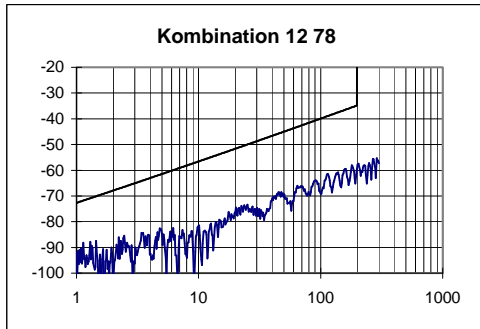
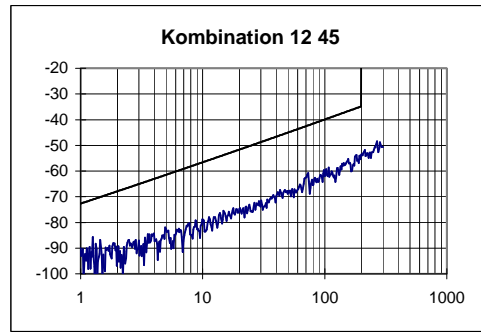
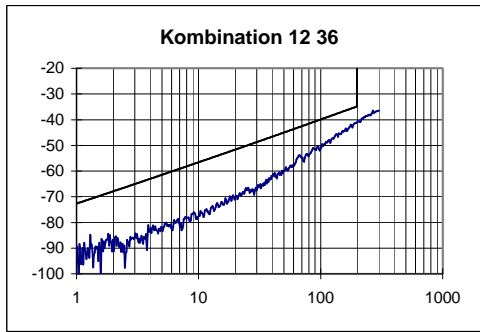
Resultat: Der Channel entspricht Class E nach Papier N552.

gepr.

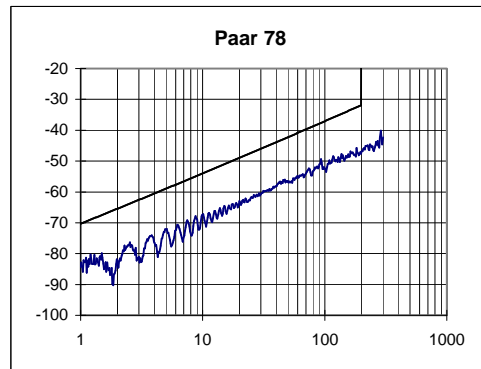
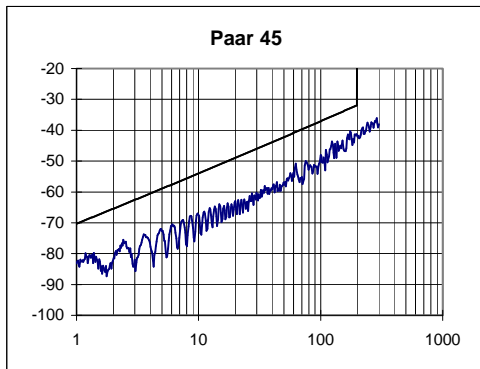
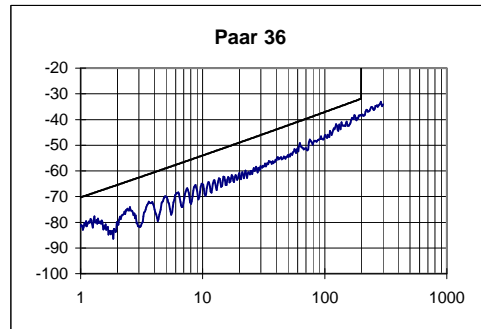
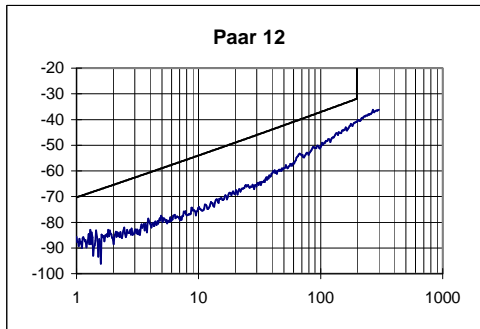

Übersicht Ergebnis:

Paar	12	36	45	78	Grenzwert	max. skew/ns	Grenzw.
max. Laufzeit / ns	451,3	454,6	446,7	447,2	544	9,9	50
Dämpfung @ 100MHz/dB	19,76	19,79	19,66	19,37	21,7		
Dämpfung @ 200MHz/dB	28,47	28,66	28,16	27,99	31,7		
min PSNEXT-Res. / dB	8,87	5,46	7,44	11,28			
@ f / MHz	177,01	174,50	174,50	1,20			
PSNEXT Gr. / dB	32,78	32,88	32,88	69,00			
PSNEXT @ 100 MHz	50,7	46,1	48,1	52,4	37,1		
PSNEXT @ 200 MHz	40,4	38,4	42,1	46,8	31,9		
min PSELFEXT-Res. / dB	12,92	10,75	12,15	18,58			
@ f / MHz	1,15	8,86	8,86	9,93			
PSELFEXT Gr. / dB	58,98	41,27	41,27	40,28			
PSELFEXT @ 100 MHz	40,4	36,6	39,6	43,7	20,2		
PSELFEXT @ 200 MHz	35,5	32,7	32,8	43,1	14,2		
min PSACR-Reserve / dB	11,8	8,6	10,7	11,3			
@ f / MHz	187,4	174,5	174,5	1,2			
PSACR Grenz. / dB	1,7	3,5	3,5	66,6			
PSACR @ 100 MHz	30,9	26,5	28,4	33,1	15,4		
PSACR @ 200 MHz	11,7	10,0	14,0	18,8	0,1		
min RL-Reserve / dB	6,3	3,5	3,7	3,2			
@ 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	6,21	14,59	16,43	4,97	9,67	14,50	
@ f / MHz	195,59	1,26	1,14	174,50	93,18	1,06	
NEXT @ 100 MHz	51,1	62,0	69,2	48,9	54,4	57,0	39,9
NEXT @ 200 MHz	40,7	53,4	57,8	43,2	49,8	50,5	34,8
min ELFEXT-Res. / dB	11,4	15,1	20,8	9,4	16,1	22,7	
@ f / MHz	1,2	1,3	1,2	8,9	8,7	1,0	
ELFEXT @ 100 MHz	40,7	51,5	69,2	40,1	44,5	51,6	23,2
ELFEXT @ 200 MHz	38,2	39,0	53,4	34,3	48,8	45,1	17,2
min ACR / dB	12,0	25,2	29,8	14,4	20,6	22,5	
@ f / MHz	201,2	201,2	201,2	195,6	182,1	201,2	
ACR @ 100 MHz	31,3	42,3	49,8	29,2	35,1	37,7	18,2
ACR @ 200 MHz	12,0	25,2	29,8	15,0	21,8	22,5	3,0

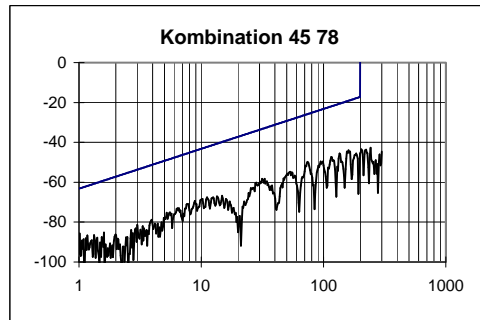
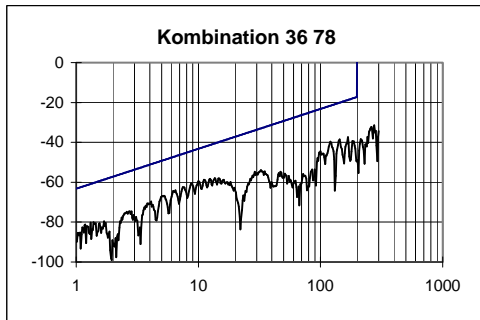
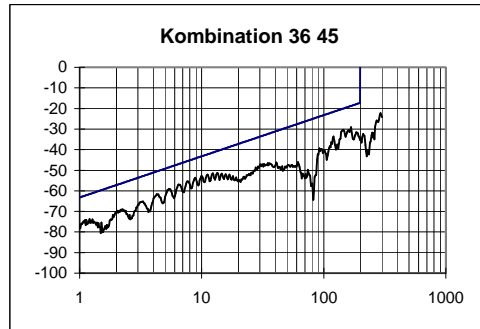
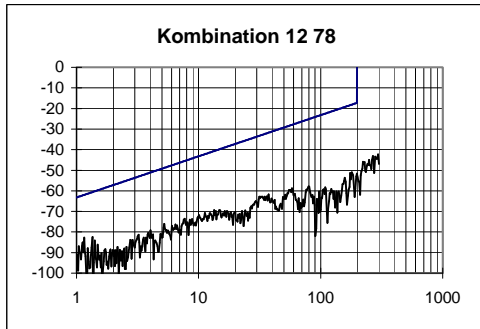
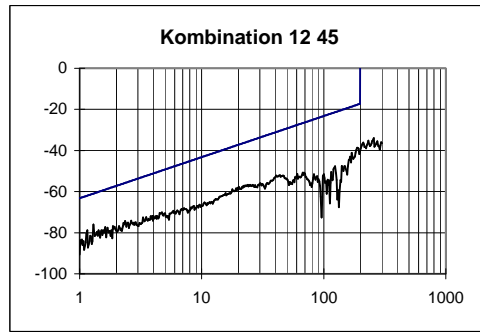
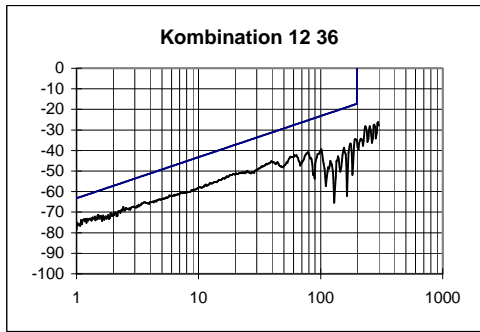
NEXT / dB



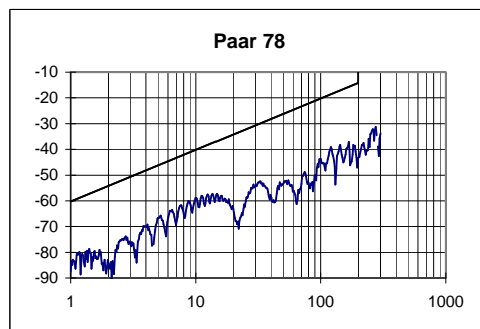
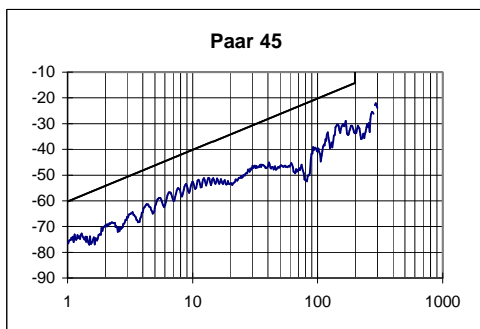
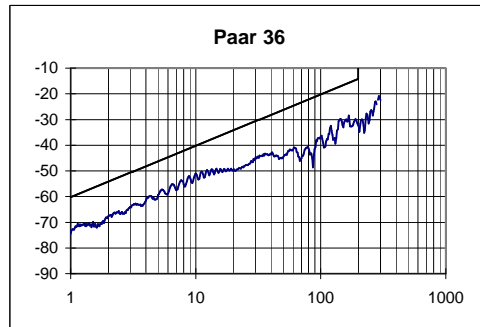
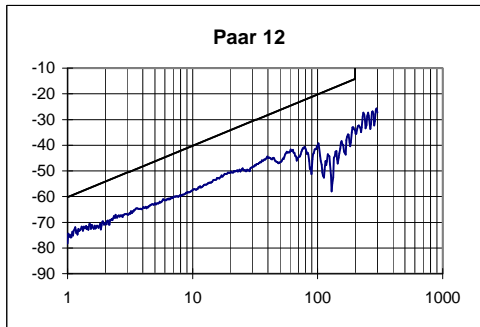
PSNEXT / dB



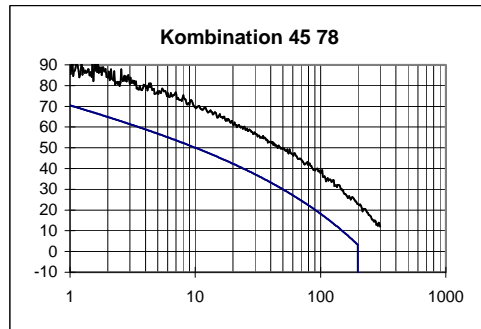
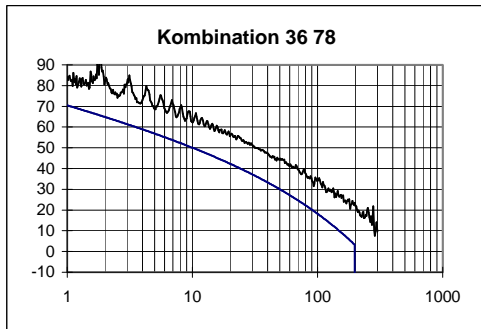
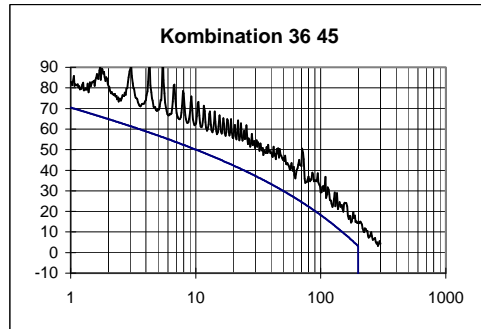
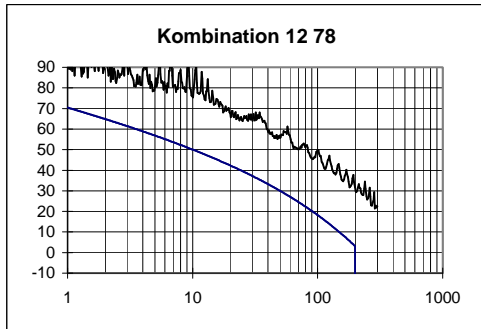
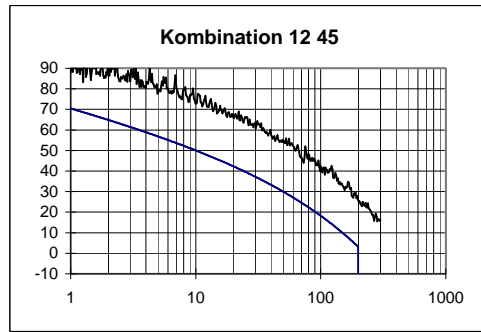
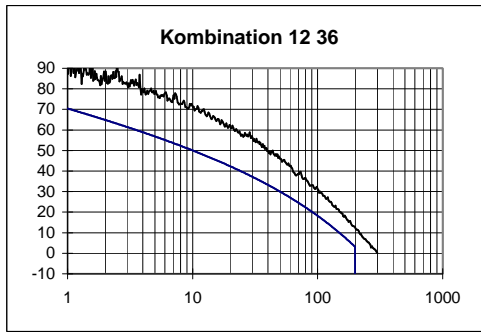
ELFEXT / dB



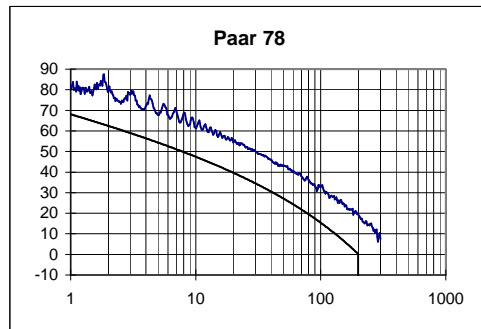
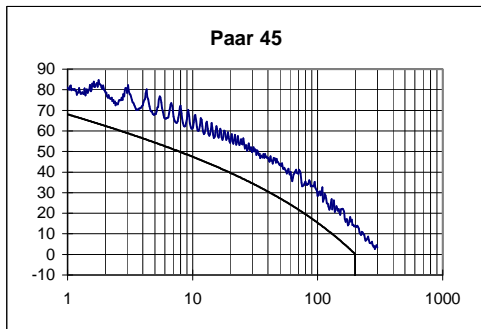
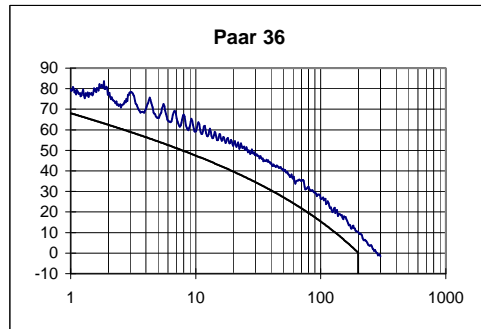
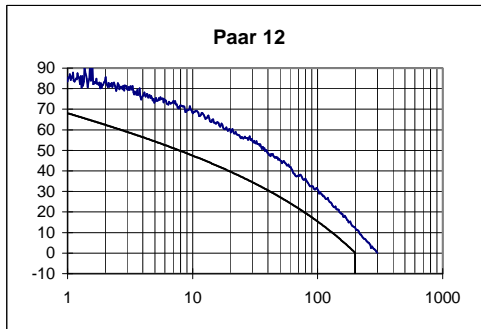
PSELFEXT / dB



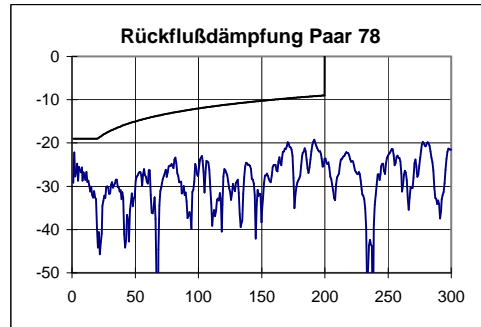
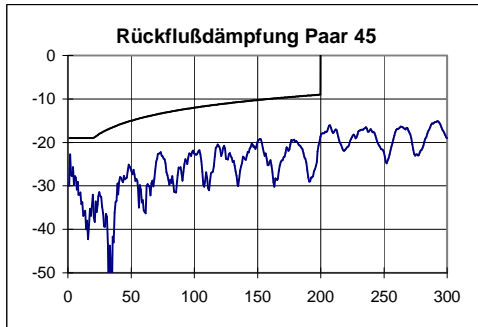
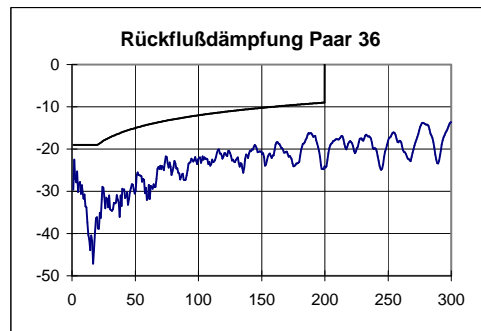
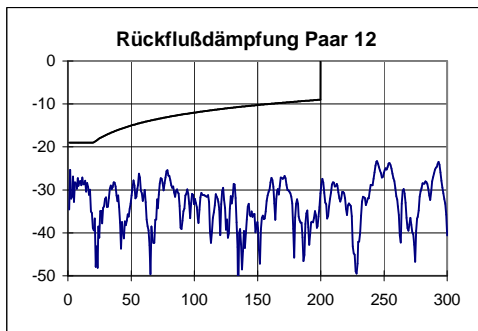
ACR / dB



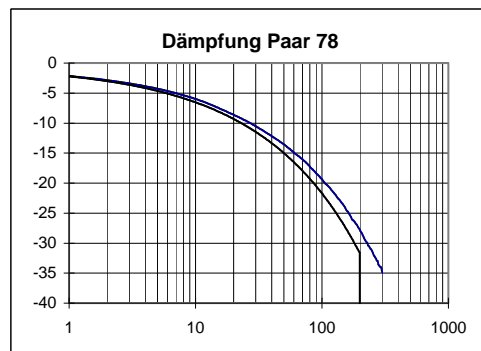
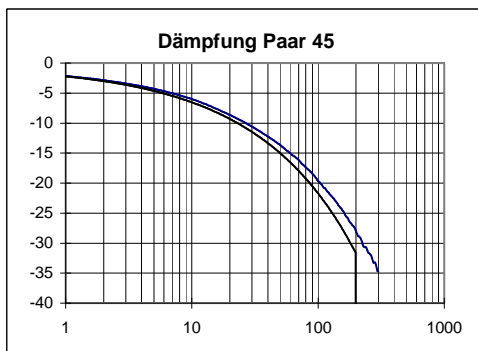
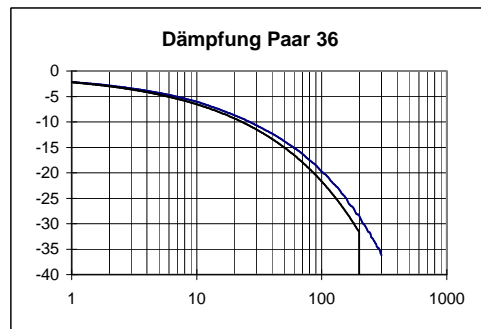
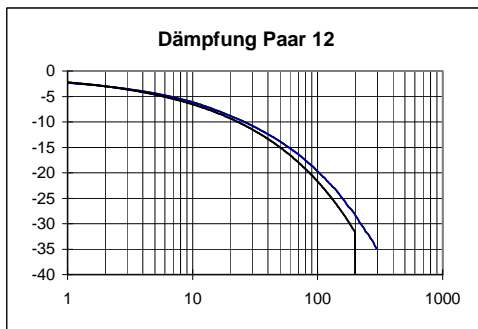
PSACR / dB



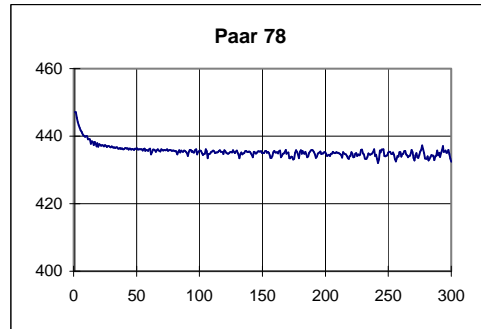
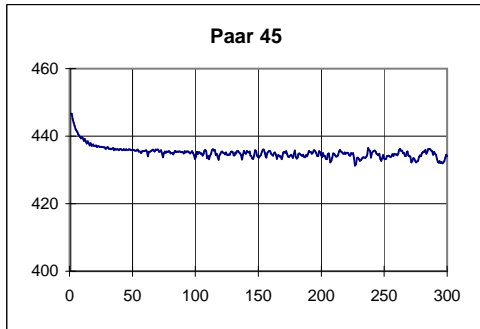
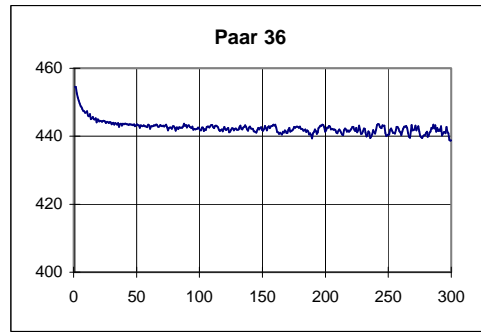
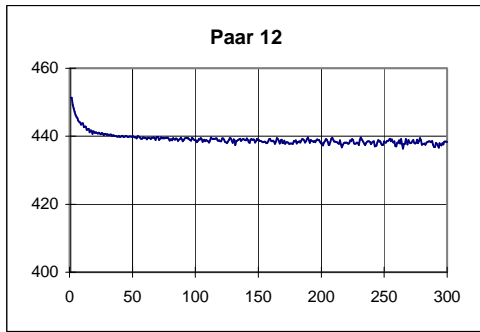
Return Loss / dB



Dämpfung / dB



Laufzeit / ns



Ende des Prüfberichtes