

Channel-Messung**Aufbau:**

Patch-Kabel A-Ende:	5 m UC400 SS27 (Steward Highspeed)	Datum:	15.03.2000
Komponente A-Ende:	R&M modular (R925551)	Prüfer:	Dr. C. Pfeiler
Tertiärkabel:	90 m UC400 SS23/1 4P	Datei:	423rmste.xls
Komponente E-Ende:	R&M modular (R925551)		
Patch-Kabel E-Ende:	5 m UC400 SS27 (Steward Highspeed)		

Frequenz:	1 - 300 MHz (401 Messpunkte)	Ankerfrequenzen / MHz:	100
Messgeräte:	HP8753, KRMZ 1200		250
Bewertung gegen Class:	E		

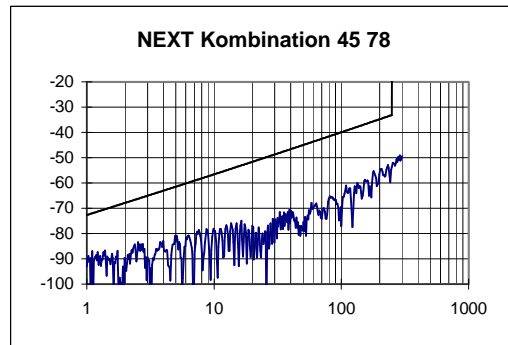
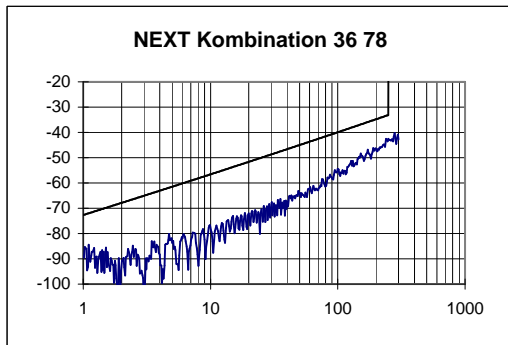
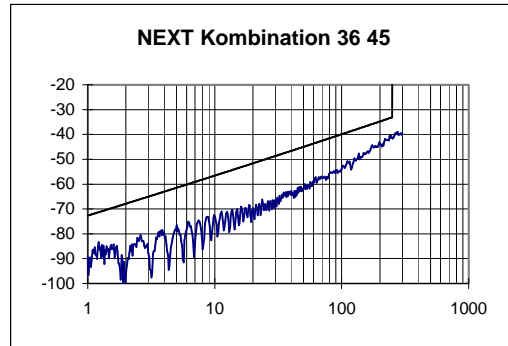
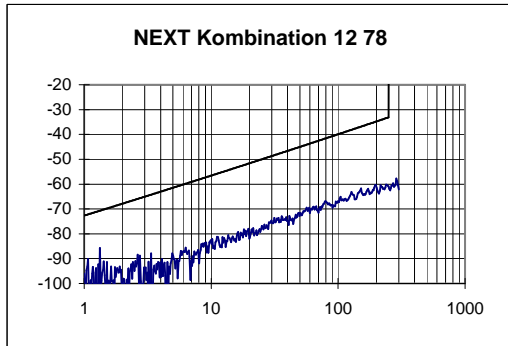
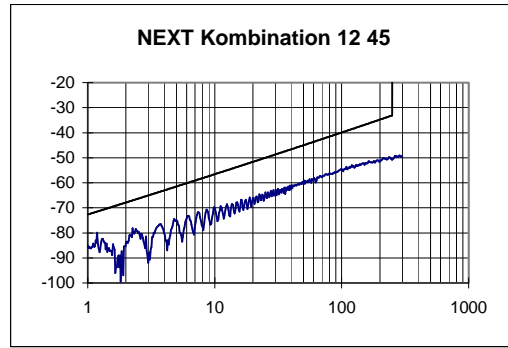
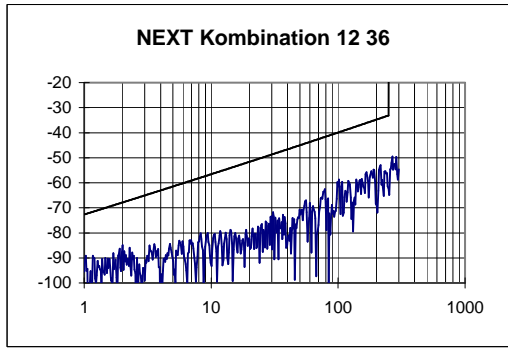
Resultat: Der Channel entspricht Class E nach Papier N568.

gepr.

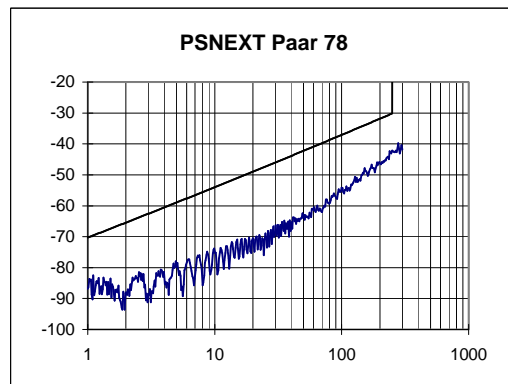
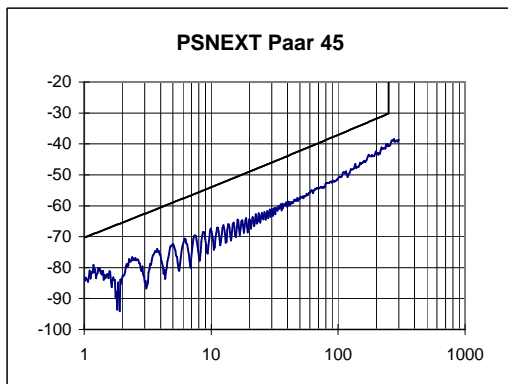
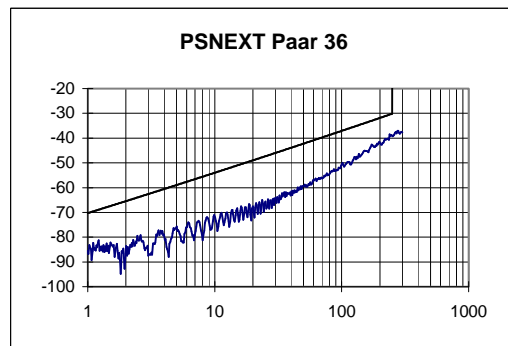
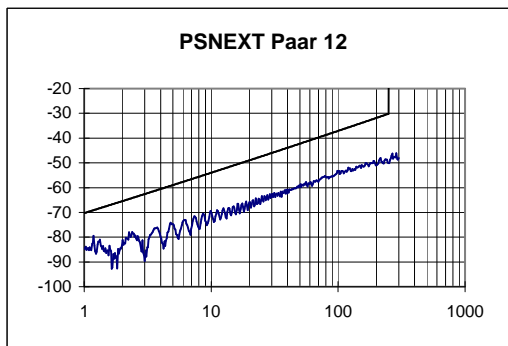

Übersicht Ergebnis:

Paar	12	36	45	78	Grenzwert	max. skew/ns	Grenzw.
max. Laufzeit / ns	450,4	453,0	445,1	446,1	544	10,6	50
Dämpfung @ 100MHz/dB	19,46	19,38	19,47	19,27	21,7		
Dämpfung @ 250MHz/dB	31,98	32,79	31,87	31,95	36,0		
min PSNEXT-Res. / dB	10,38	7,92	9,59	11,83			
@ f / MHz	1,19	238,80	238,80	238,80			
PSNEXT Gr. / dB	69,10	30,50	30,50	30,50			
PSNEXT @ 100 MHz	53,26	51,25	51,37	55,18	37,1		
PSNEXT @ 250 MHz	50,08	38,93	40,75	42,17	30,2		
min PSELFEXT-Res. / dB	18,52	9,70	10,69	16,14			
@ f / MHz	1,07	1,29	1,45	12,48			
PSELFEXT Gr. / dB	59,60	57,99	57,00	38,30			
PSELFEXT @ 100 MHz	42,29	35,39	36,53	42,97	20,2		
PSELFEXT @ 250 MHz	34,75	23,73	24,43	34,09	12,3		
min PSACR-Reserve / dB	10,4	11,9	10,0	12,9			
@ f / MHz	1,2	238,8	1,2	1,1			
PSACR Grenz. / dB	66,7	-4,5	66,7	67,3			
PSACR @ 100 MHz	33,82	31,87	31,90	35,91	15,4		
PSACR @ 250 MHz	18,14	7,02	8,87	10,22	-5,8		
min RL-Reserve / dB	4,5	5,6	3,1	3,1			
@ 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	16,70	8,51	15,04	7,20	9,09	14,99	
@ f / MHz	1,03	1,19	1,33	238,80	238,80	1,11	
NEXT @ 100 MHz	59,81	54,57	67,47	54,32	55,62	69,57	39,9
NEXT @ 250 MHz	62,26	50,74	61,02	41,46	42,54	53,73	33,1
min ELFEXT-Res. / dB	15,9	22,7	31,5	7,9	13,4	20,9	
@ f / MHz	1,1	10,1	12,5	1,4	164,8	104,4	
ELFEXT @ 100 MHz	42,67	53,72	61,27	36,96	44,79	47,82	23,2
ELFEXT @ 250 MHz	35,10	46,42	54,87	24,49	34,37	46,79	15,3
min ACR-Reserve / dB	16,6	8,6	15,1	11,2	12,5	15,0	
@ f / MHz	1,0	1,2	1,3	238,8	1,1	1,1	
ACR @ 100 MHz	40,42	35,10	48,20	34,85	36,34	50,30	18,2
ACR @ 250 MHz	29,46	18,87	29,07	9,58	10,59	21,78	-2,5

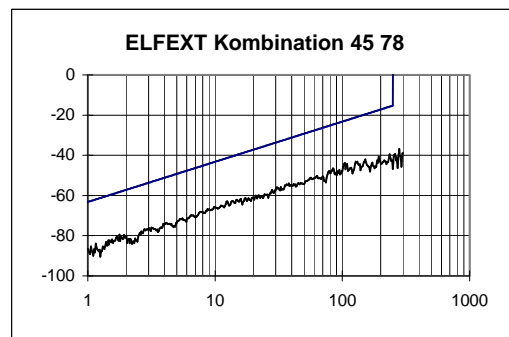
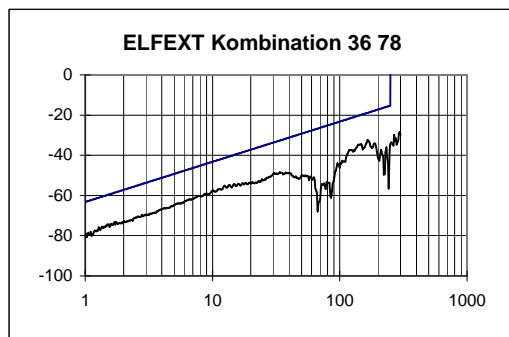
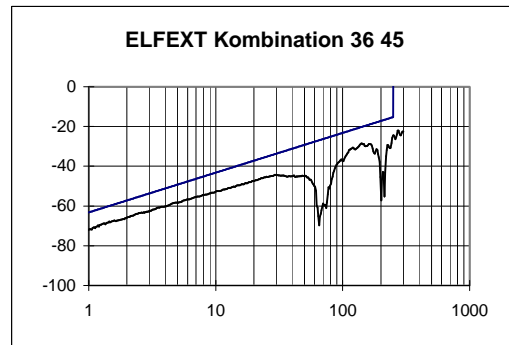
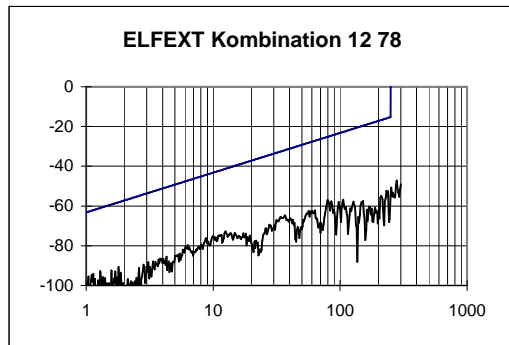
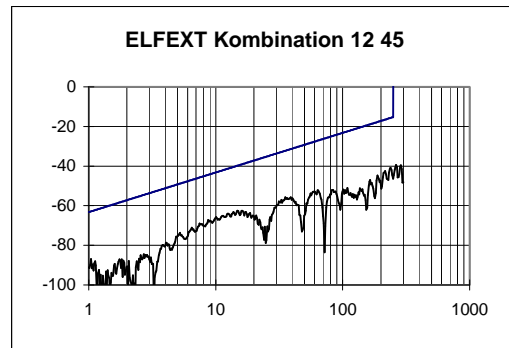
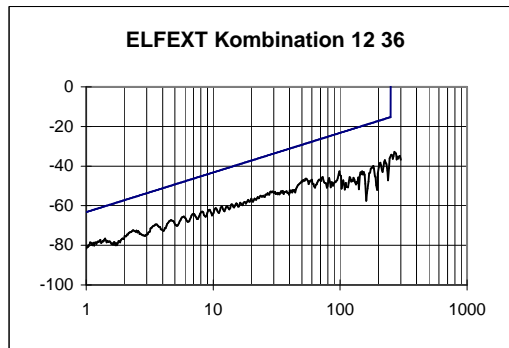
NEXT / dB



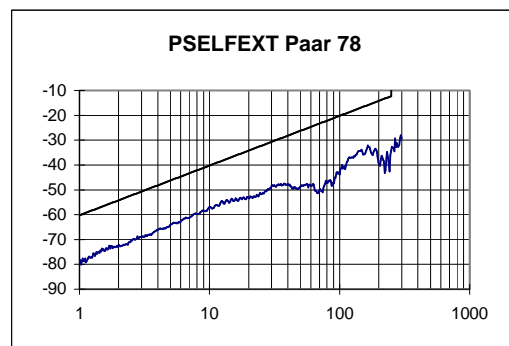
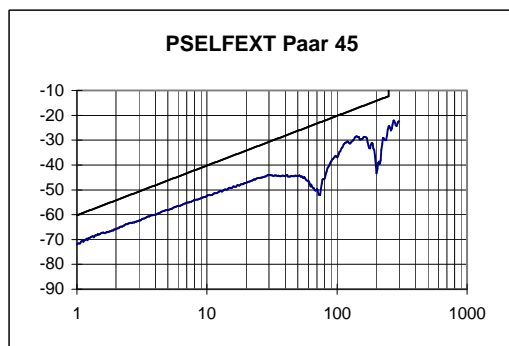
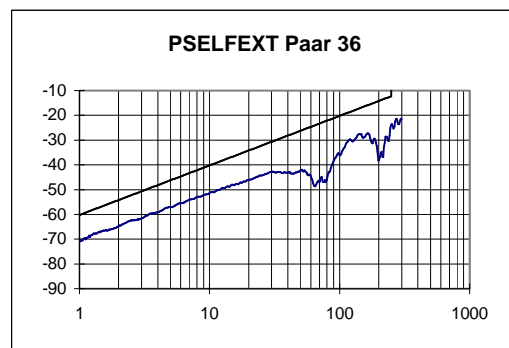
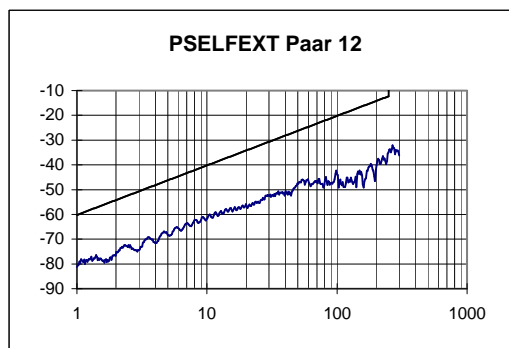
PSNEXT / dB



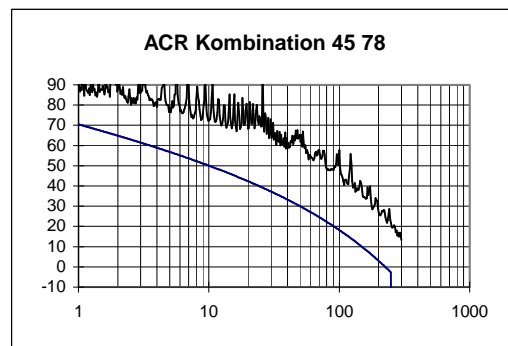
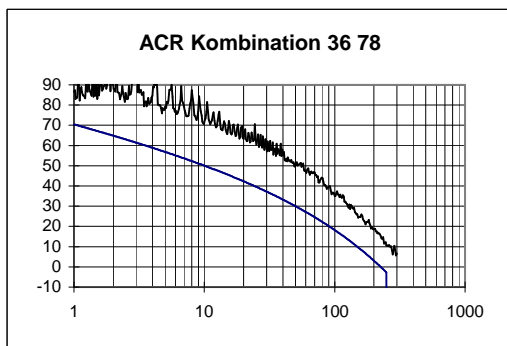
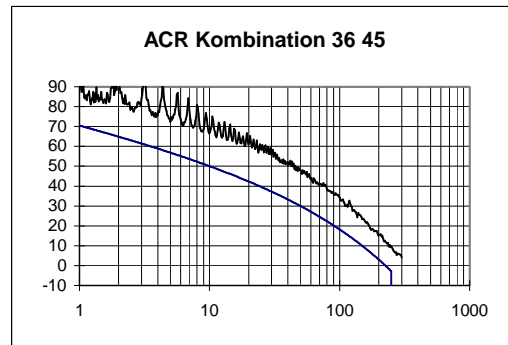
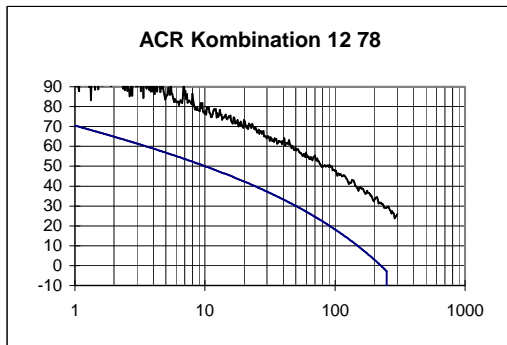
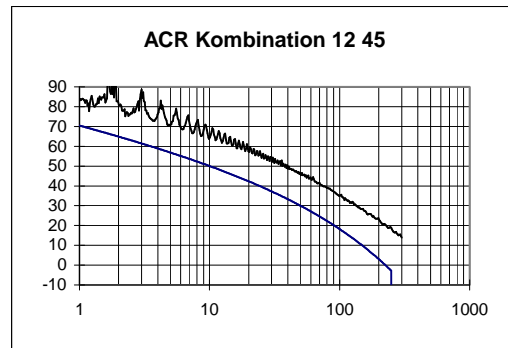
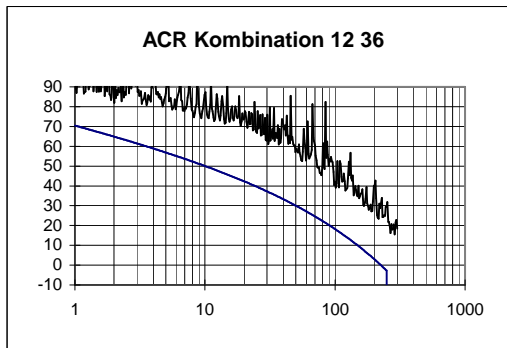
ELFEXT / dB



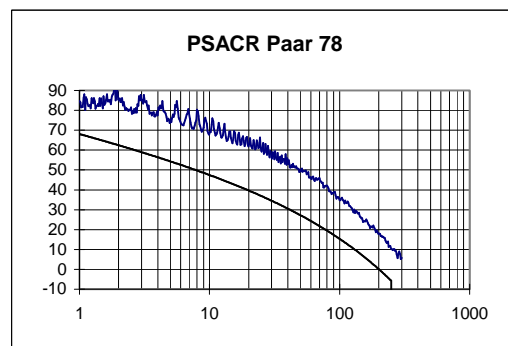
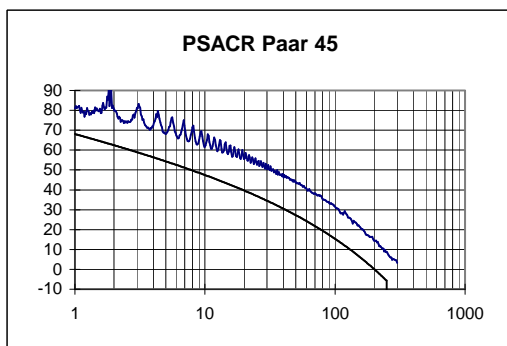
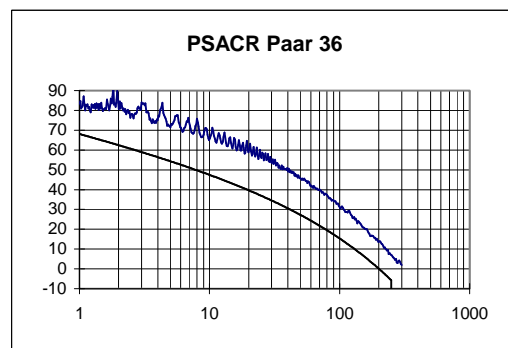
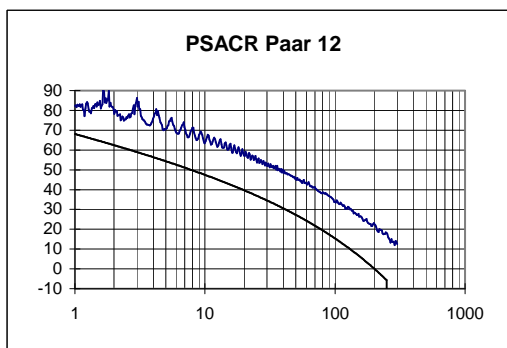
PSELFEXT / dB



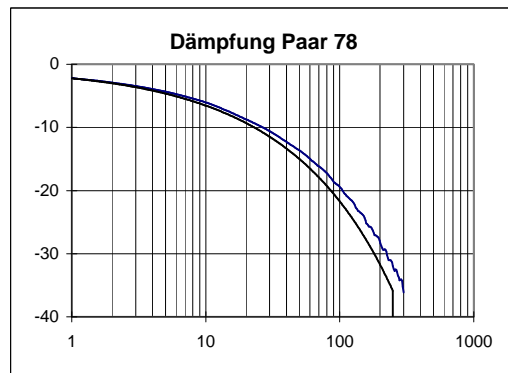
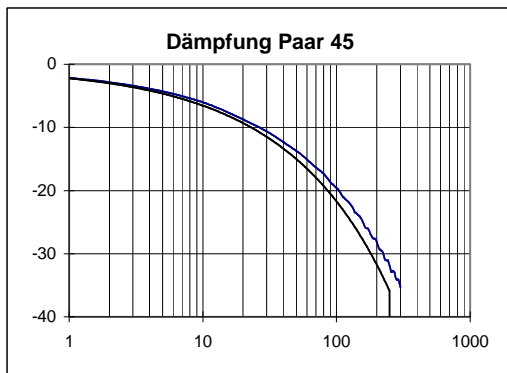
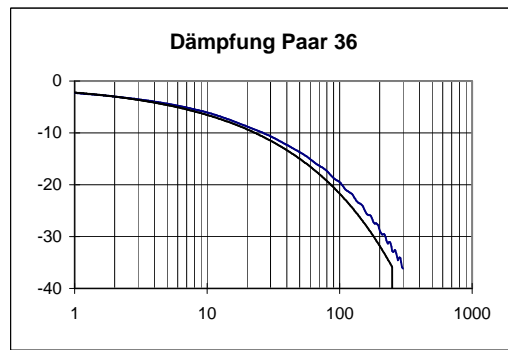
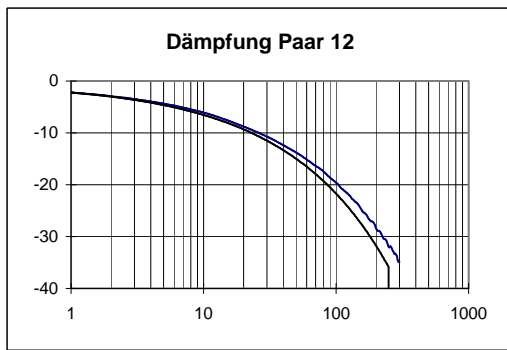
ACR / dB



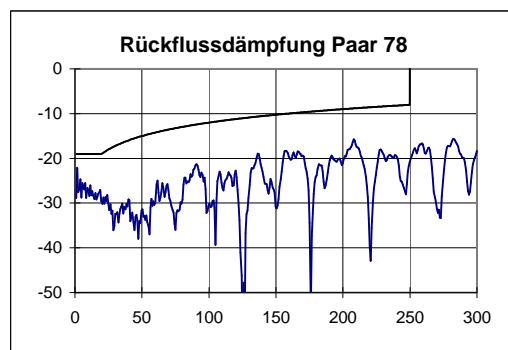
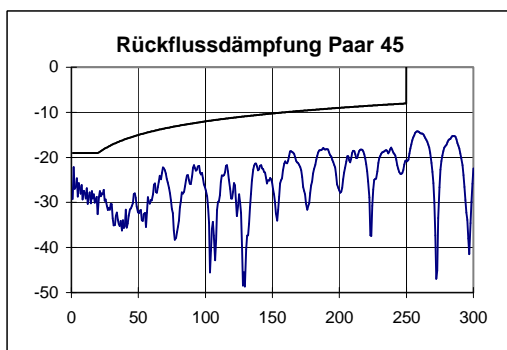
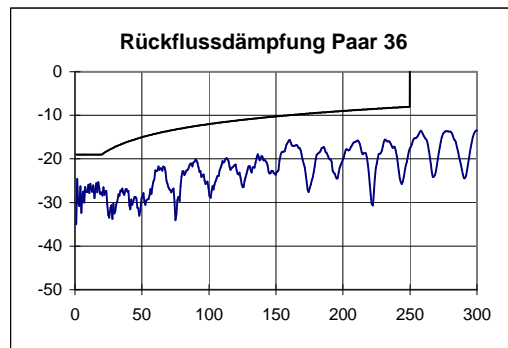
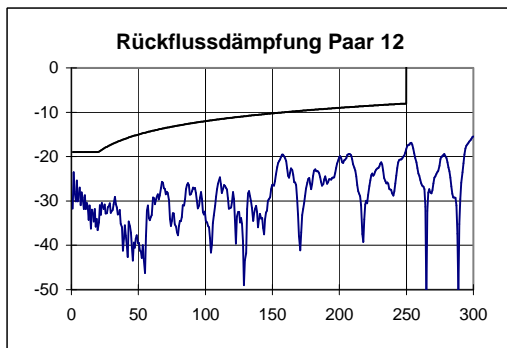
PSACR / dB

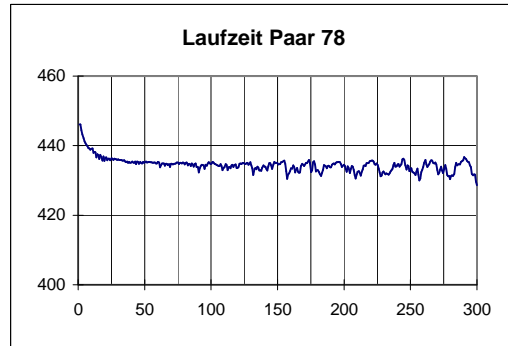
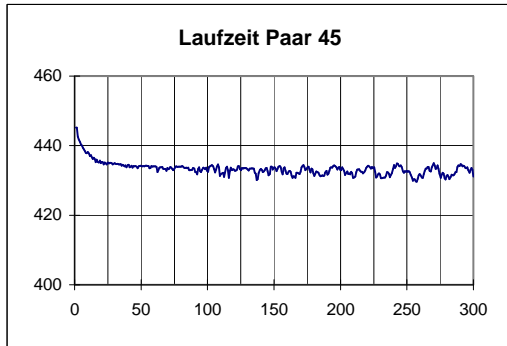
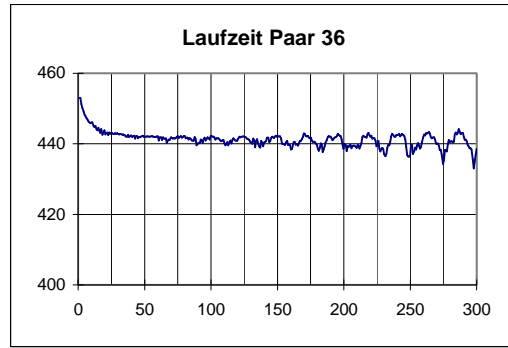
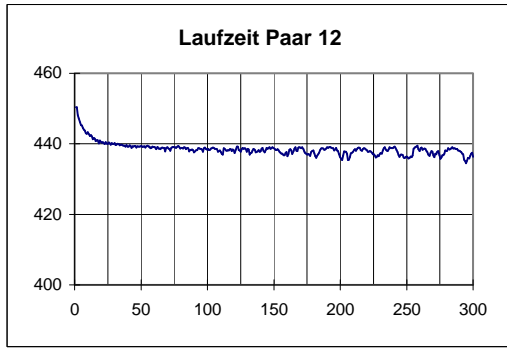


Dämpfung / dB



Rückflusdämpfung / dB





Ende des Prüfberichtes