

**Channel-Messung****Draka Multimedia Cable****Aufbau:**

Patch-Kabel A-Ende: **5 m Shielded Patch Cord AWG26 (Panduit-Stecker)**  
 Komponente A-Ende: **Panduit CJS5e688T**  
 Tertiärkabel: **90 m UC300 HS24 4P**  
 Komponente E-Ende: **Panduit CJS5e688T**  
 Patch-Kabel E-Ende: **5 m Shielded Patch Cord AWG26 (Panduit-Stecker)**  
 Frequenz: **1-300 MHz (401 Messpunkte)**  
 Messgeräte: **HP8753, KRMZ 1200**  
 Bewertung gegen Class: **D**

**Resultat:** *Der Channel entspricht Class D nach ISO/IEC JTC 1/SC 25/WG 3 N739.  
 Das ACR wird negativ bei 263,87 MHz.*

Ankerfrequenzen / MHz: 62,5  
 100

Datum: 07.01.2002  
 Prüfer: Dr. C. Pfeiler  
 Prüflabor: Draka Multimedia Cable  
 Wohlaue Str. 15  
 90475 Nürnberg

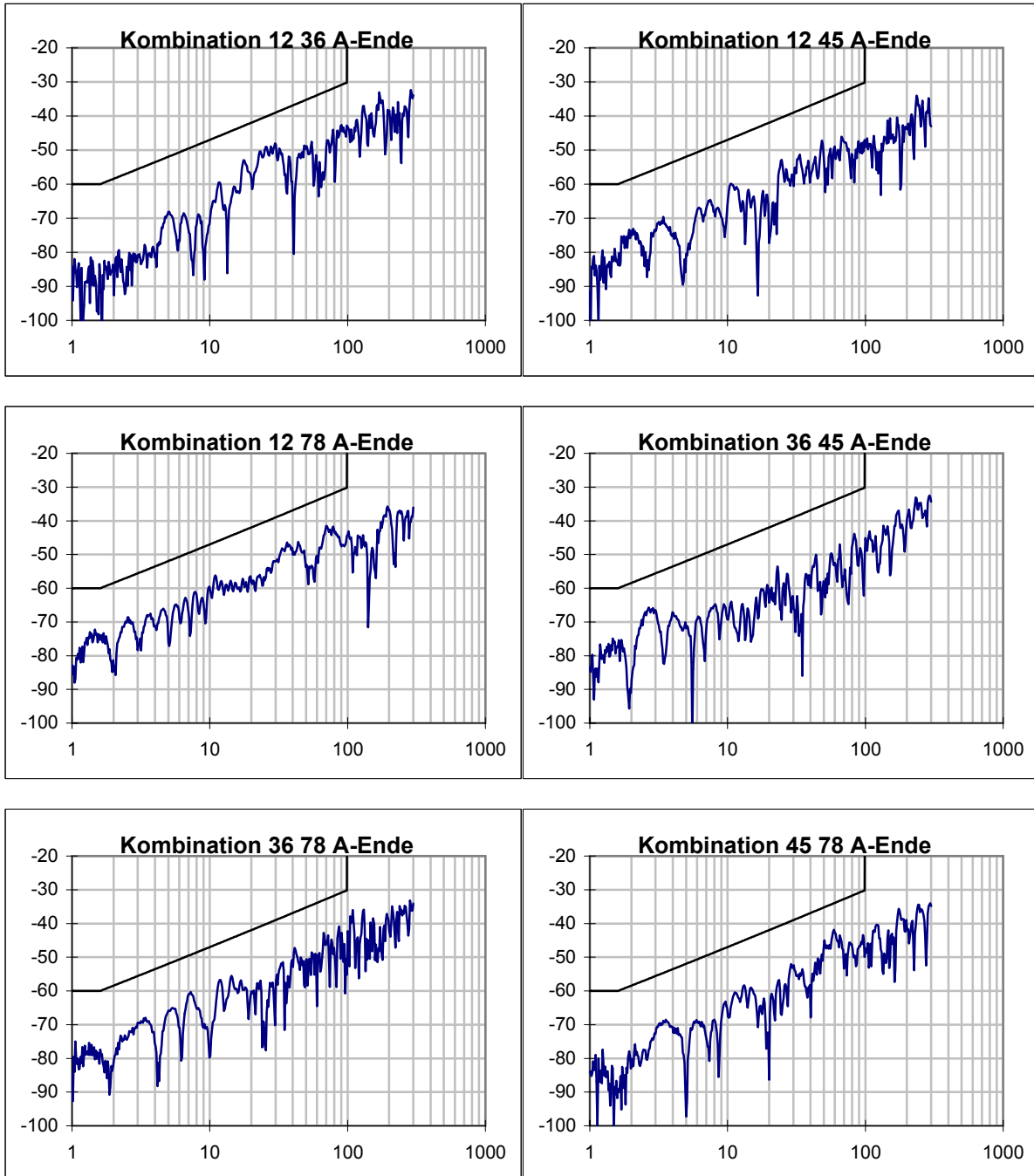
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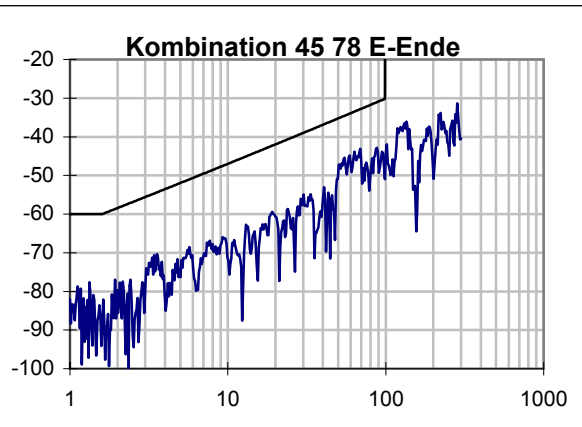
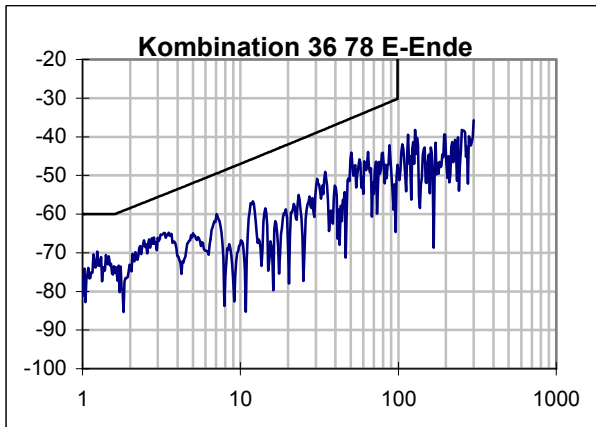
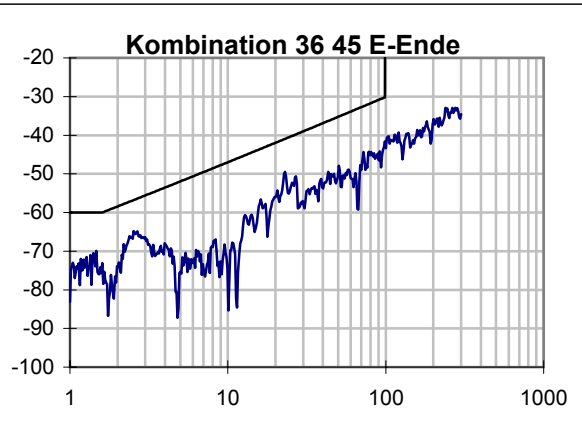
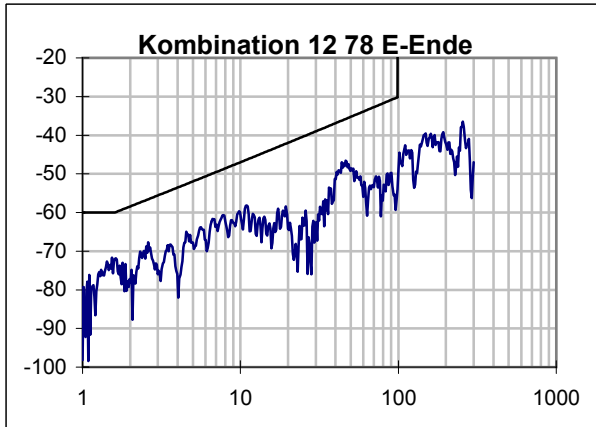
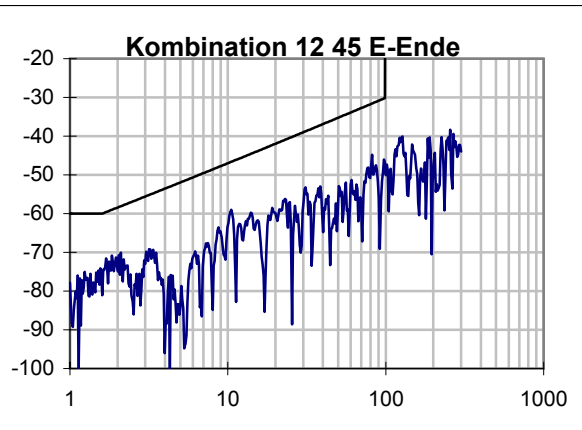
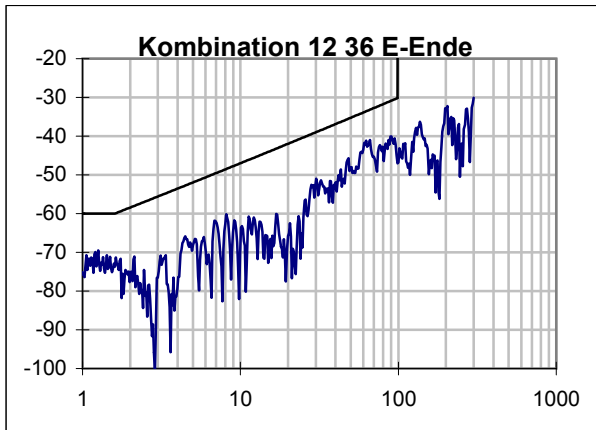
**Übersicht Ergebnis:**

Paar	12	36	45	78	Grenzwert	skew/ns	Grenzw.
max. Laufzeit / ns	518,6	503,0	497,9	504,6		20,8	50
Dämpfung @ 62,5MHz/dB	16,39	15,87	15,62	15,25	18,6		
Dämpfung @ 100MHz/dB	21,00	20,28	20,16	19,73	24,0		
min PSNEXT-Res. / dB	9,92	9,10	9,91	9,20			
@ f / MHz	33,38	2,64	59,04	67,12			
PSNEXT Gr. / dB	35,22	53,49	31,01	30,06			
PSNEXT @ 62,5 MHz	41,67	40,70	45,55	44,09	30,6		
PSNEXT @ 100 MHz	43,56	39,66	40,12	45,14	27,1		
min PSELFEXT-Res. / dB	15,95	12,45	13,71	17,18			
@ f / MHz	1,41	1,04	1,04	1,33			
PSELFEXT Gr. / dB	51,43	54,03	54,03	51,92			
PSELFEXT @ 62,5 MHz	37,10	34,52	38,17	43,86	18,5		
PSELFEXT @ 100 MHz	47,49	37,92	38,81	44,76	14,4		
min PSACR-Reserve / dB	10,6	9,5	11,4	11,2			
@ f / MHz	1,6	2,6	2,5	2,6			
PSACR Grenz. / dB	53,9	49,8	50,2	49,9			
PSACR @ 62,5 MHz	25,28	24,45	29,76	28,26	12,0		
PSACR @ 100 MHz	22,57	19,24	19,69	24,79	3,1		
min RL-Reserve / dB	9,9	4,1	7,7	3,5			
@ f / MHz	71,3	50,3	48,8	95,2			
RL Grenzwert / dB	11,5	13,0	13,1	10,2			

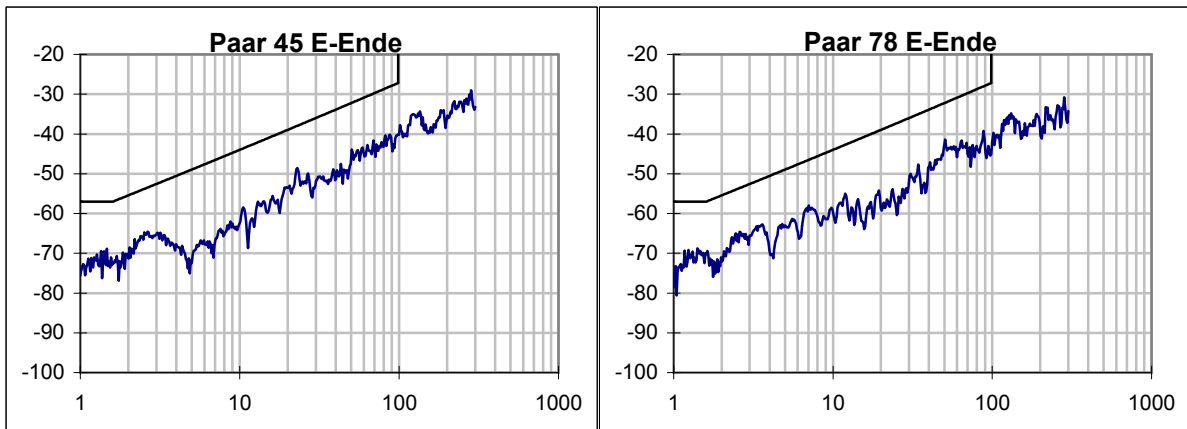
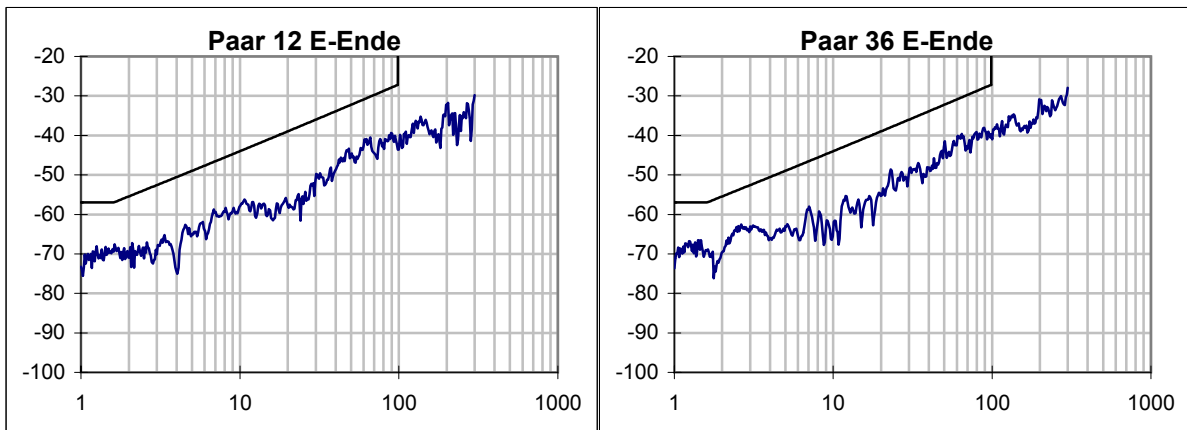
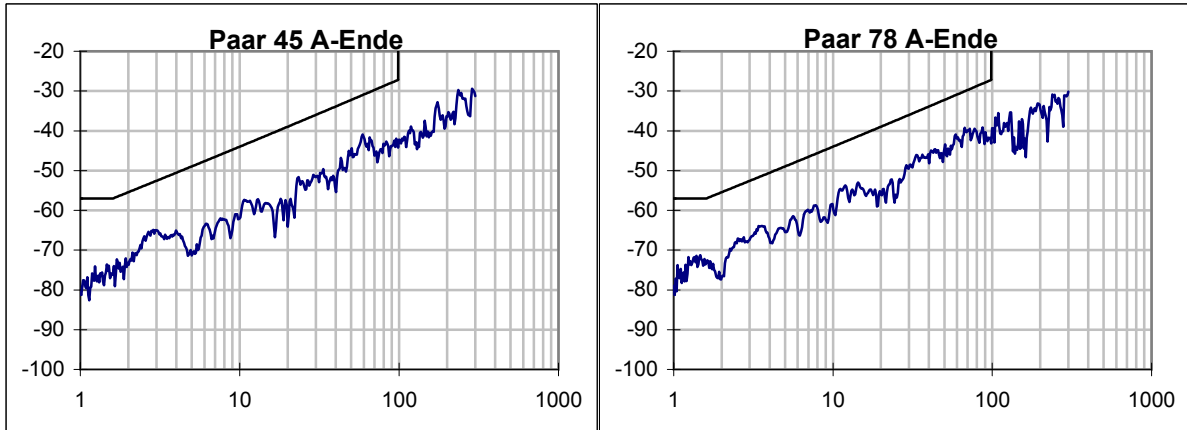
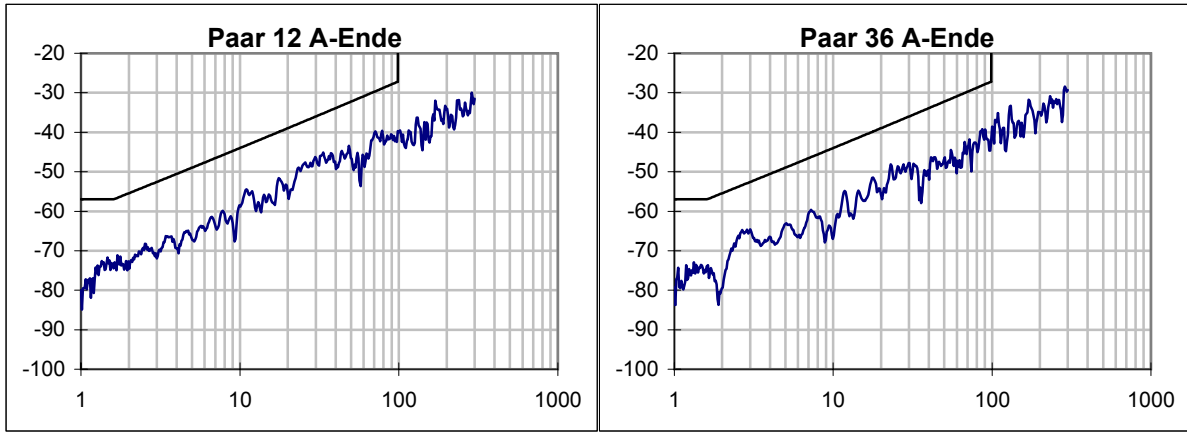
Kombination	12 36	12 45	12 78	36 45	36 78	45 78	Grenzwert
min NEXT-Reserve / dB	7,57	11,74	8,81	8,02	8,89	7,87	
@ f / MHz	62,51	48,36	70,06	2,53	50,47	59,04	
NEXT Grenzw. /dB	33,59	35,49	32,74	56,79	35,17	34,01	
NEXT @ 62,5 MHz	42,19	54,66	53,64	51,37	47,56	47,66	33,6
NEXT @ 100 MHz	46,98	46,98	54,06	41,59	47,27	51,00	30,1
min ELFEXT-Res. / dB	13,2	22,7	22,2	11,3	14,8	20,3	
@ f / MHz	1,4	1,1	1,1	1,0	1,3	1,2	
ELFEXT Grw. /dB	54,43	56,41	56,91	57,03	54,92	55,79	
ELFEXT @ 62,5 MHz	37,37	53,66	51,23	38,47	45,59	52,22	21,5
ELFEXT @ 100 MHz	49,46	53,97	56,06	39,09	45,72	53,84	17,4
min ACR-Reserve/ dB	9,4	11,8	10,1	8,5	10,0	10,6	
@ f / MHz	1,3	1,8	36,4	2,5	1,2	59,0	
ACR Grenzw. /dB	57,4	55,9	23,6	53,2	57,4	16,0	
ACR @ 62,5 MHz	25,80	38,27	37,25	35,50	31,69	32,03	15,0
ACR @ 100 MHz	25,99	25,98	33,07	21,31	26,99	30,84	6,1

# NEXT / dB

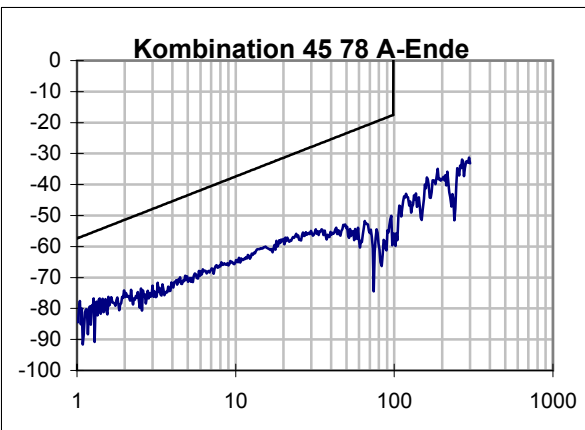
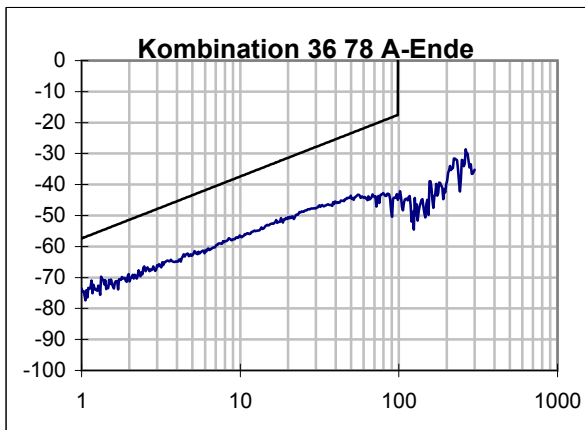
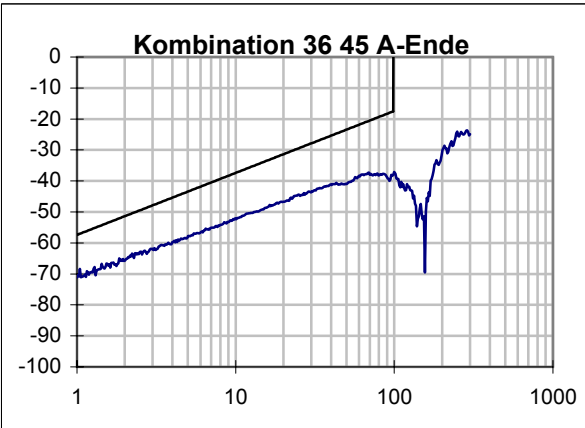
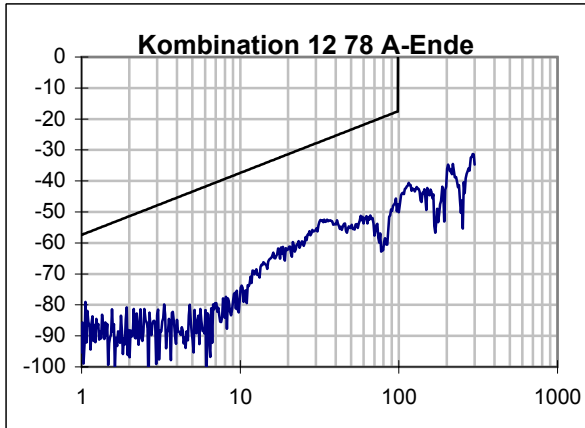
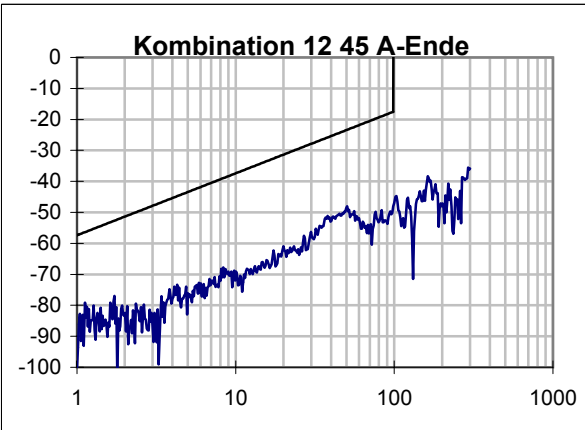
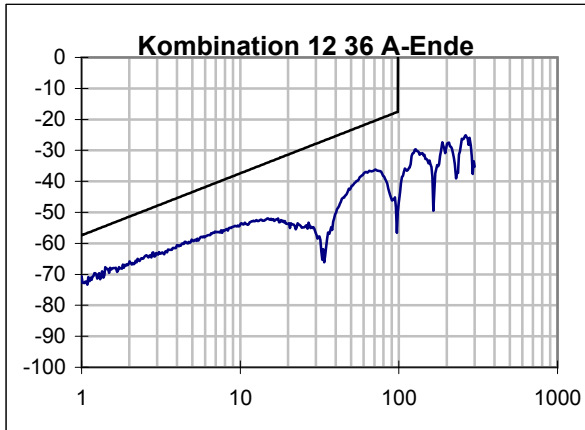


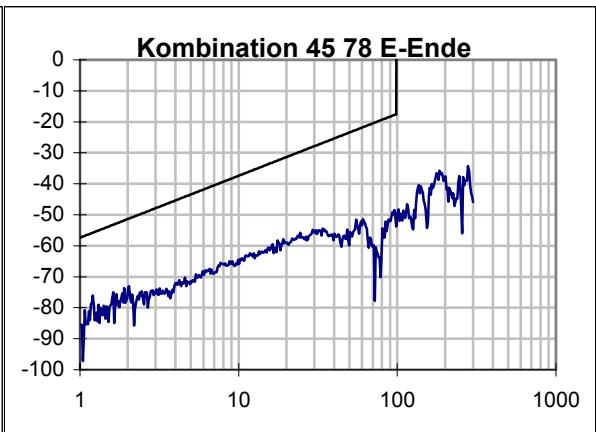
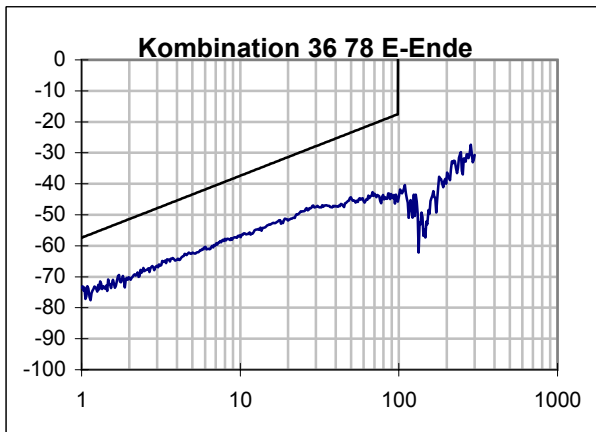
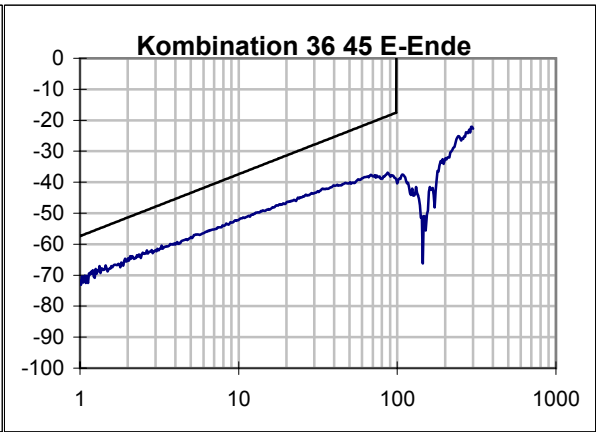
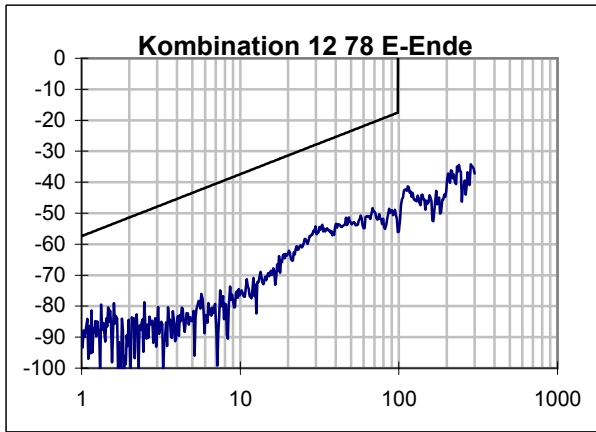
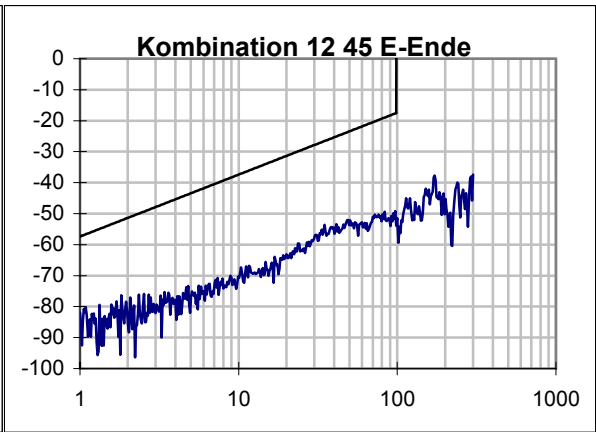
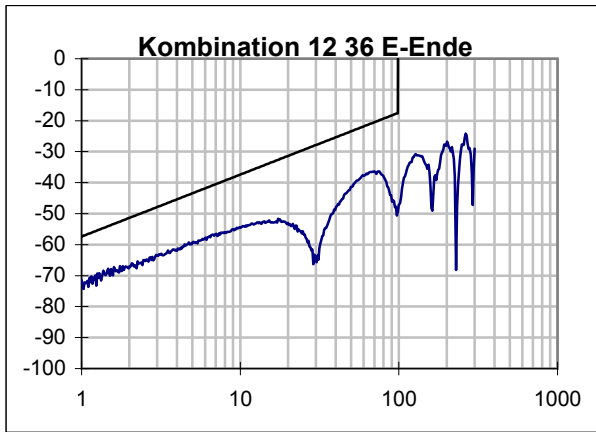


# PSNEXT / dB

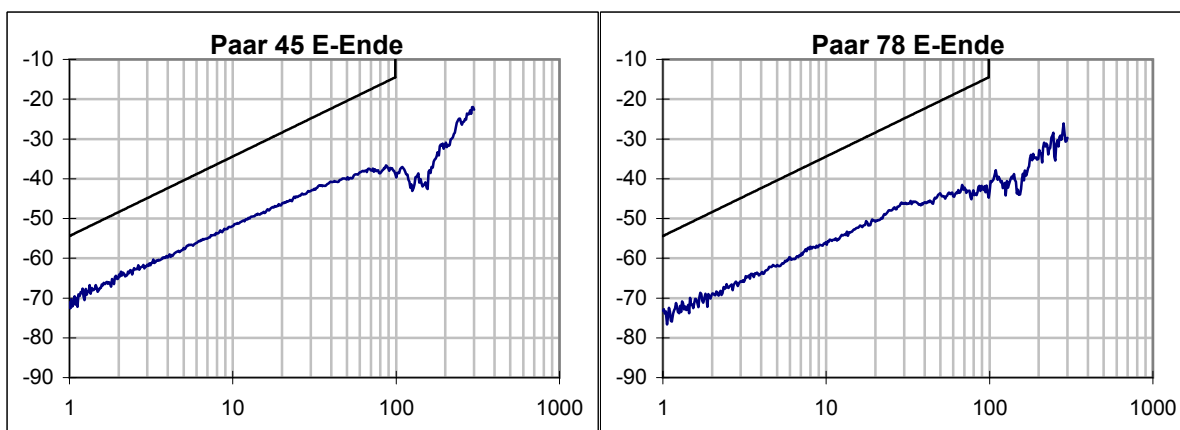
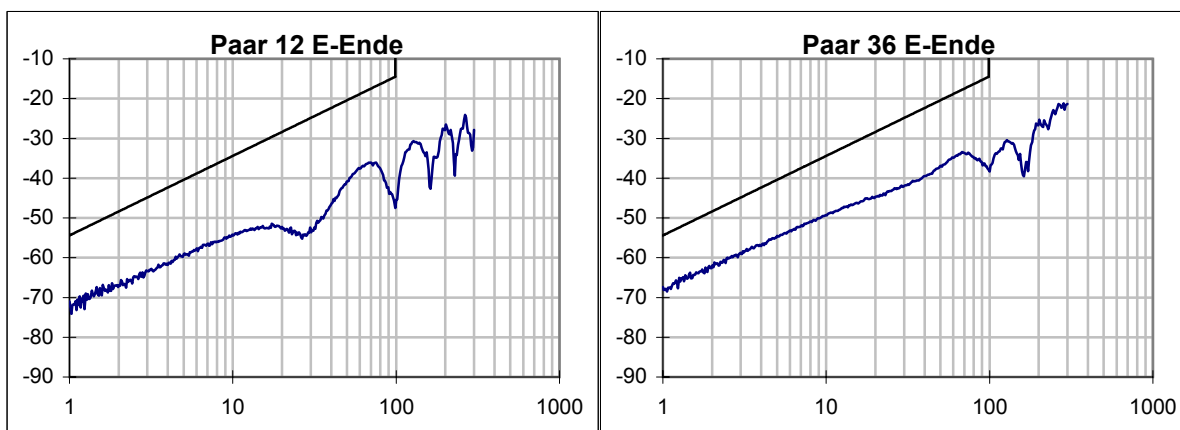
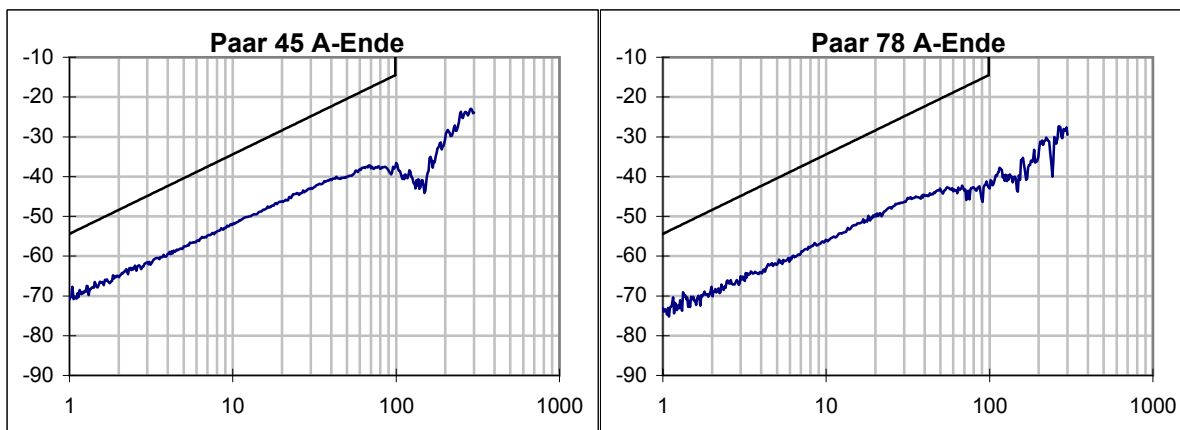
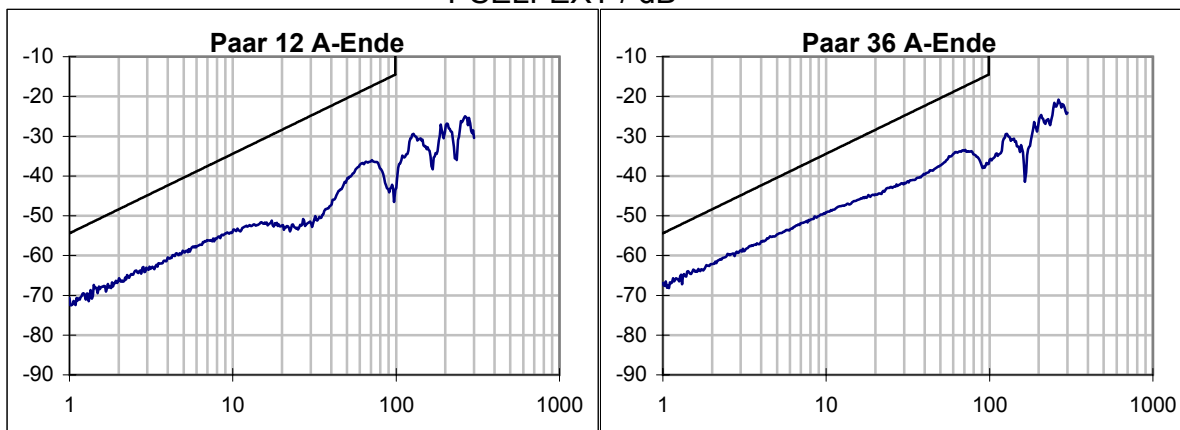


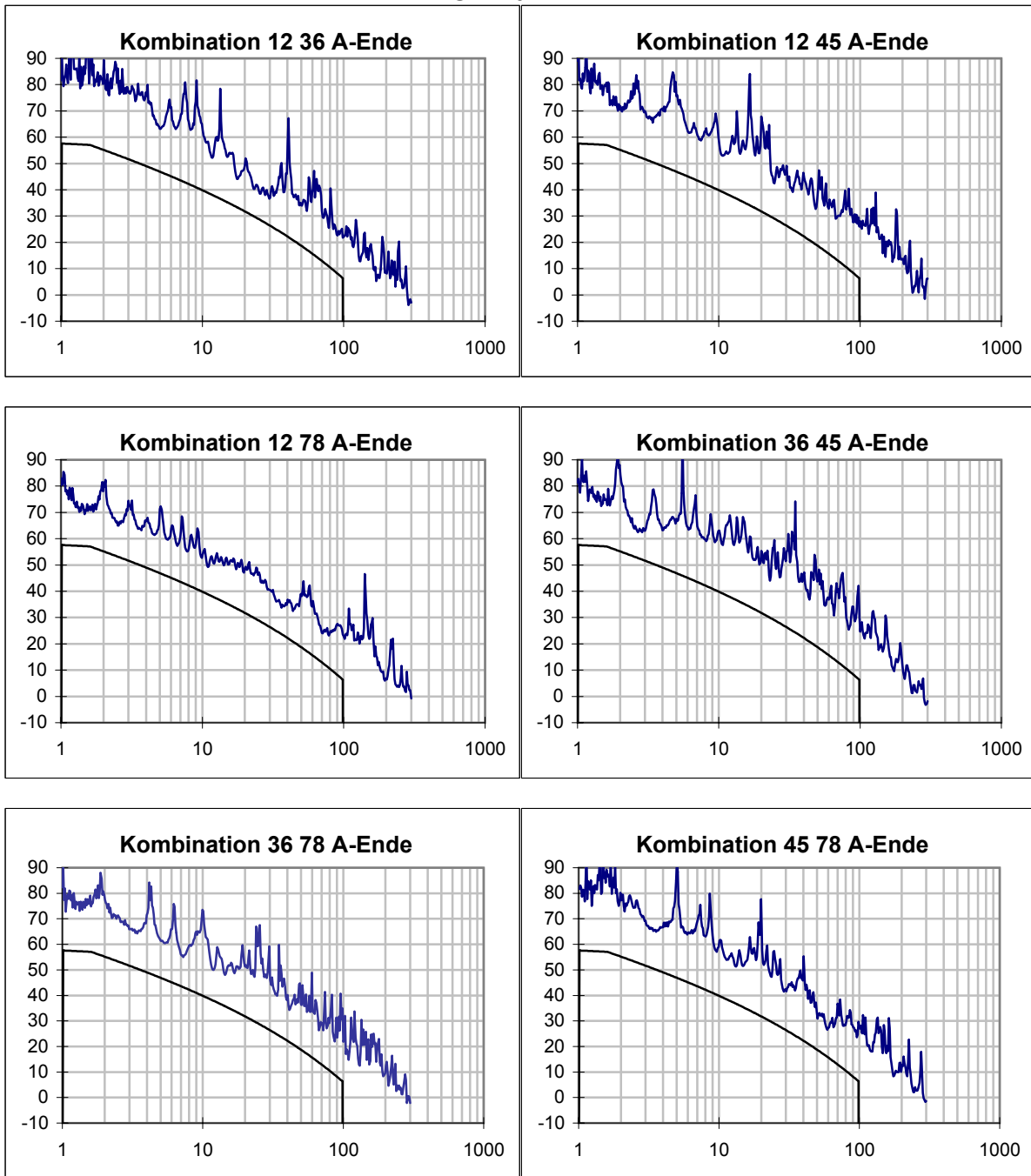
# ELFEXT / dB



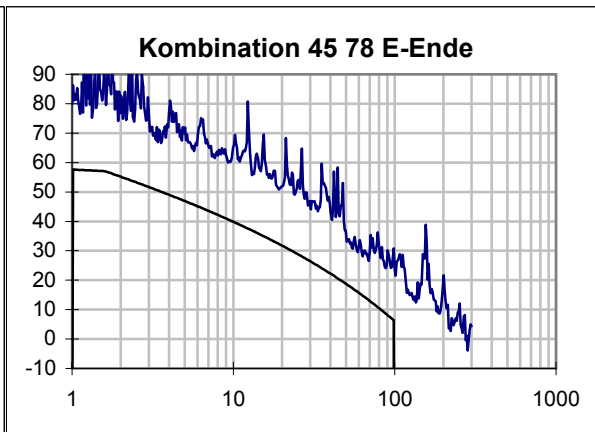
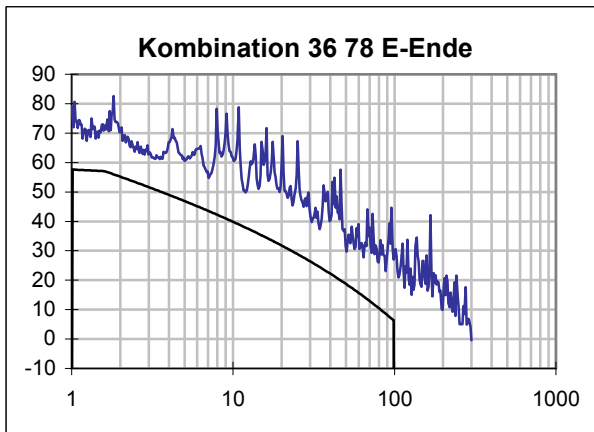
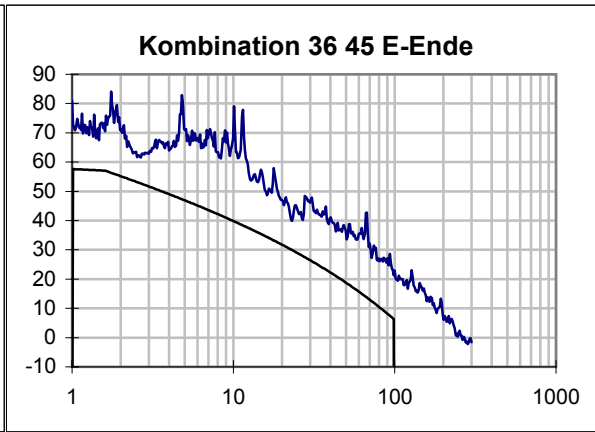
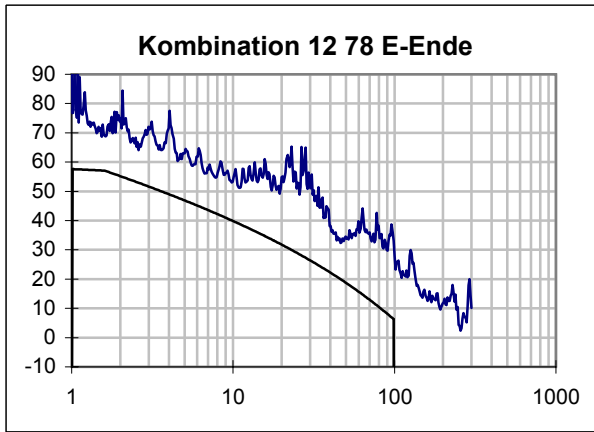
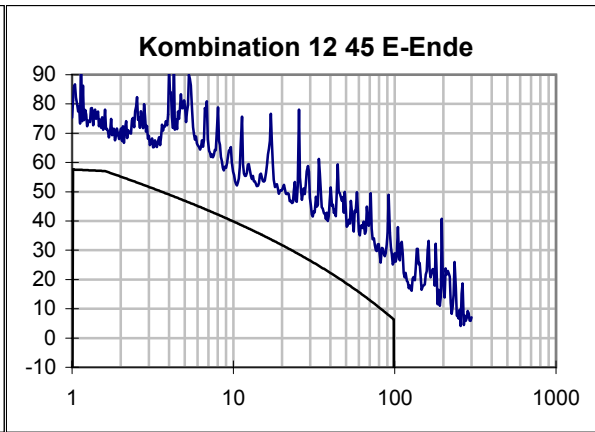
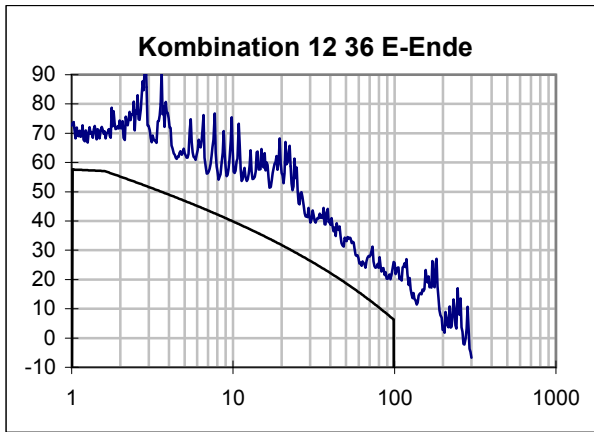


# PSELFEXT / dB

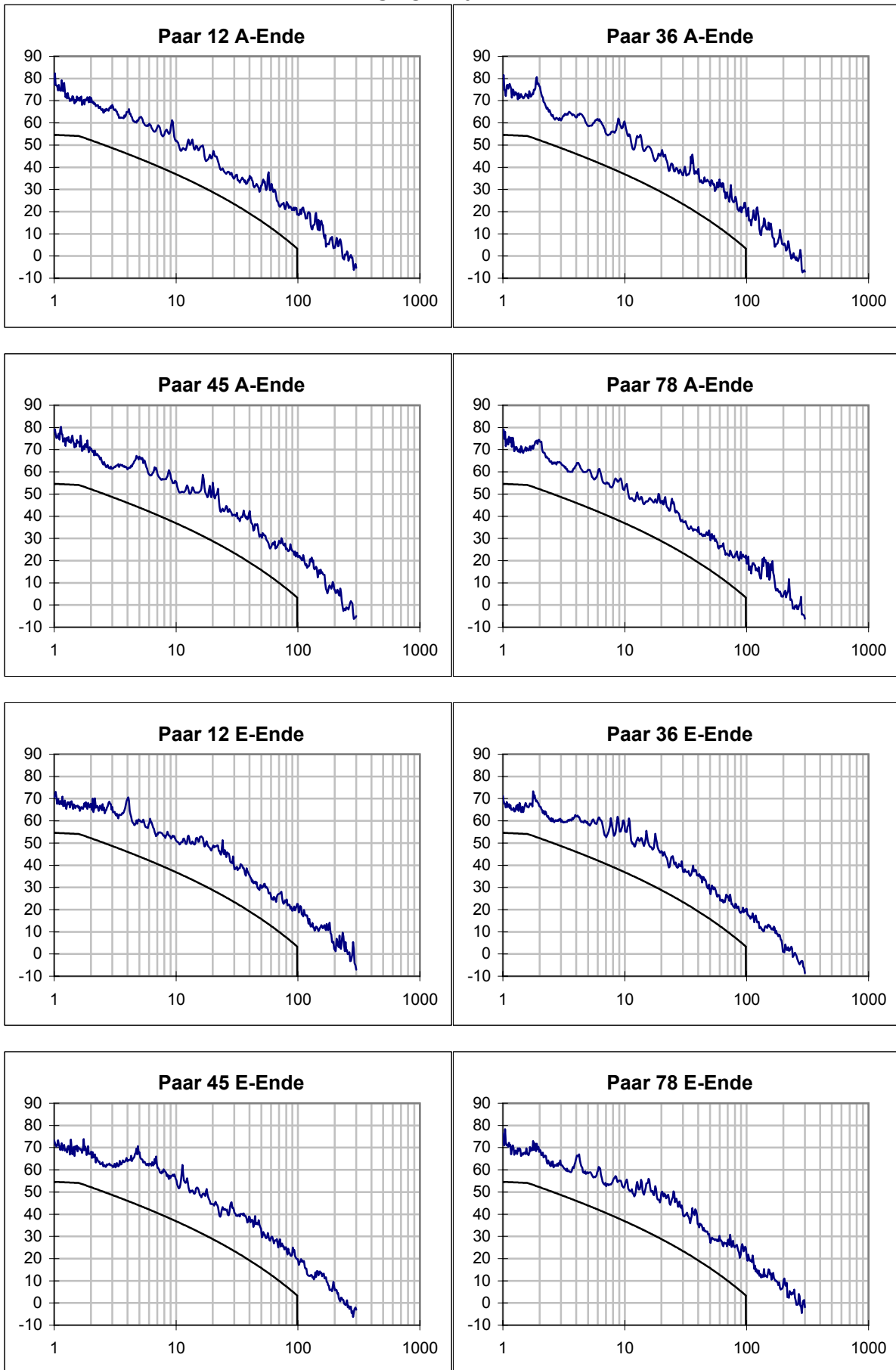




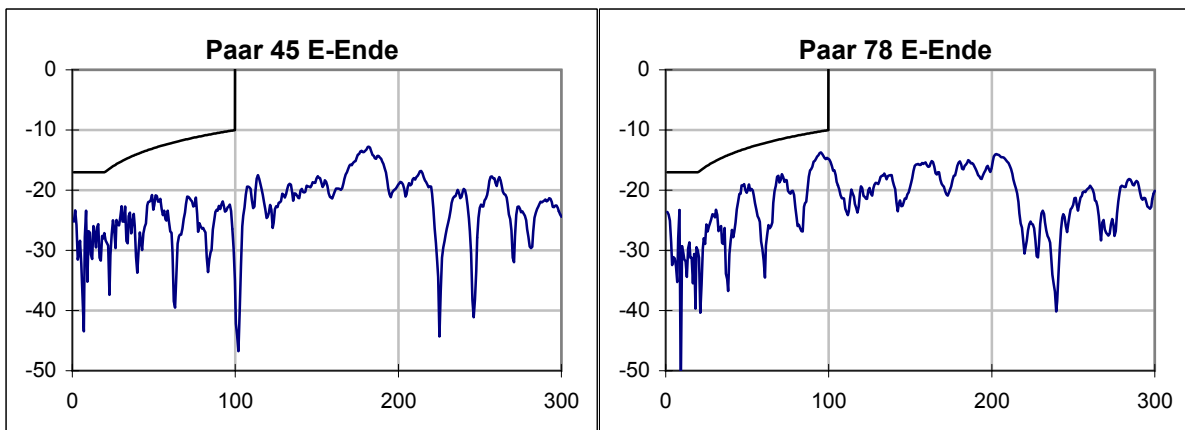
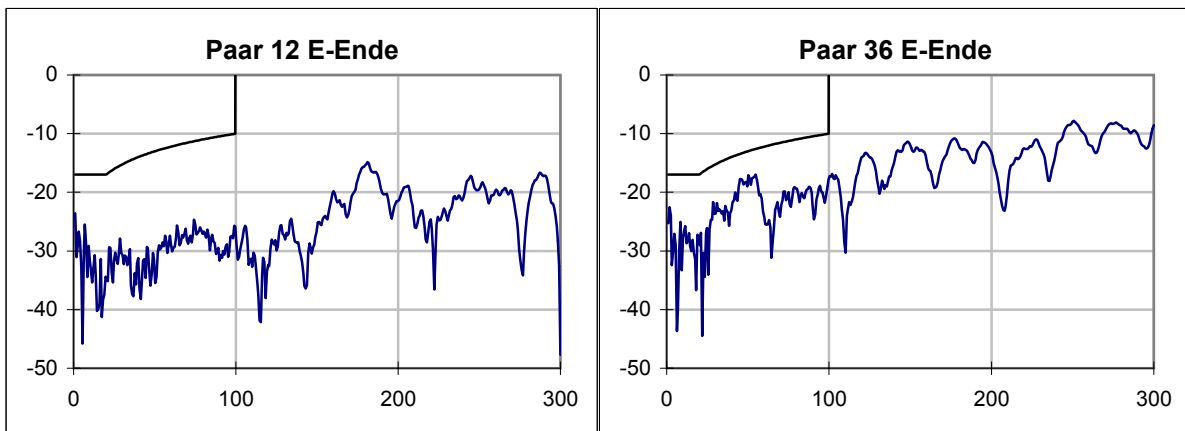
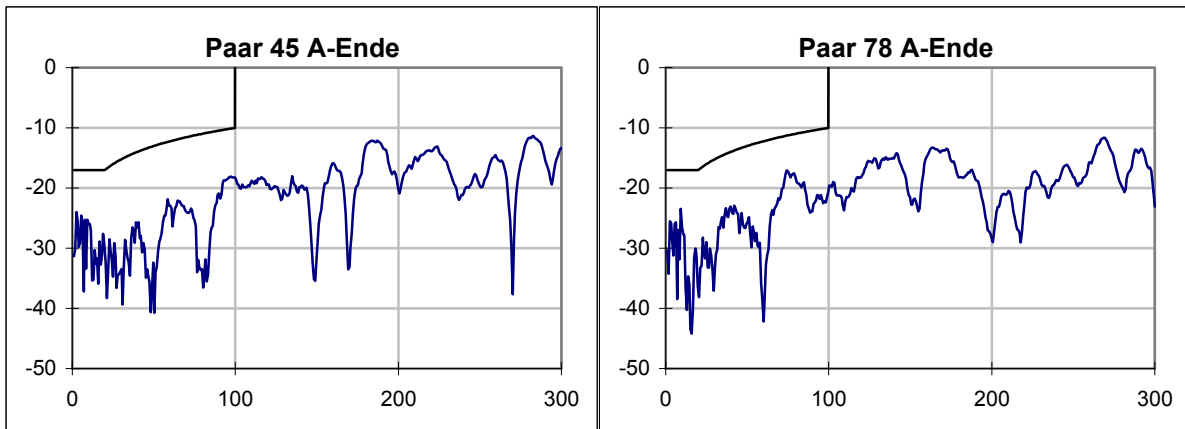
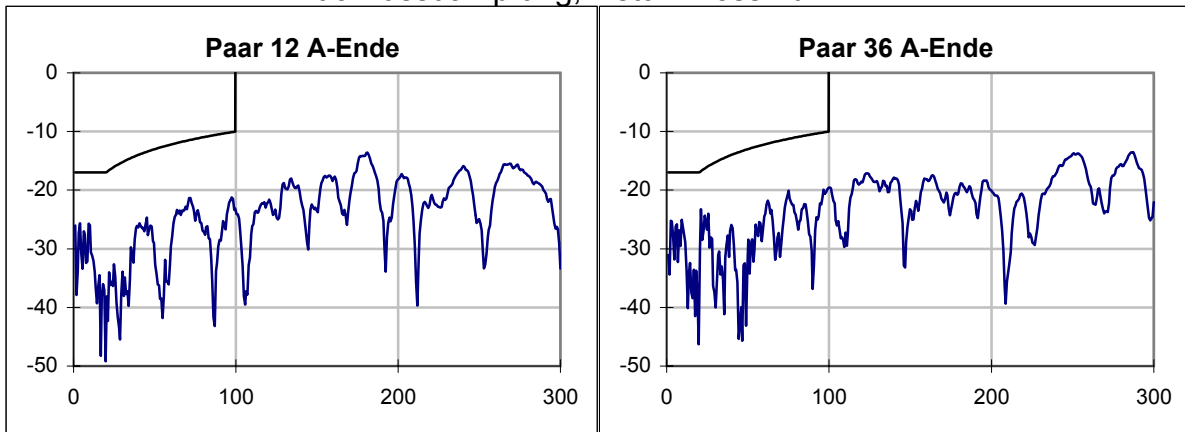




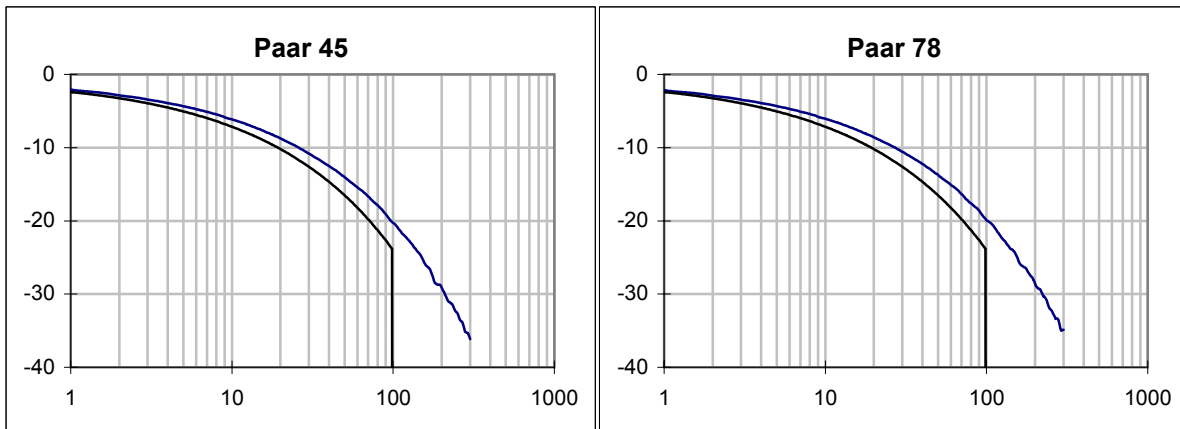
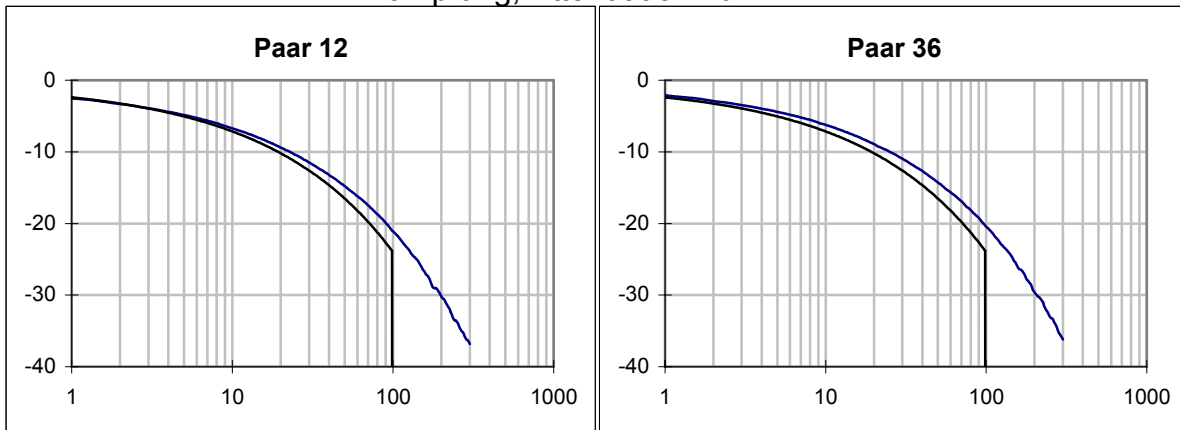
# PSACR / dB



# Rückflusdämpfung, Return Loss / dB



## Dämpfung, Attenuation / dB



## Laufzeit, Delay / ns

