

Channel-Messung**Aufbau:**

Patch-Kabel A-Ende:	5 m UC1000 SS27	Datum:	14.03.2000
Komponente A-Ende:	Siemon Tera	Prüfer:	Dr. C. Pfeiler
Tertiärkabel:	90 m UC1200 SS22 4P	Datei:	123siemo.xls
Komponente E-Ende:	Siemon Tera		
Patch-Kabel E-Ende:	5 m UC1000 SS27		

Frequenz:	1-1200 MHz (401 Messpunkte)	Ankerfrequenzen / MHz:	100
Messgeräte:	HP8753, KRMZ 1200		600
Bewertung gegen Class:	F		

Resultat: Der Channel entspricht Class F nach Papier N568.
Das ACR wird negativ bei 927,23 MHz.

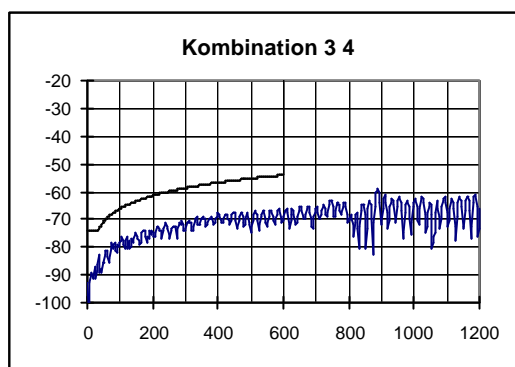
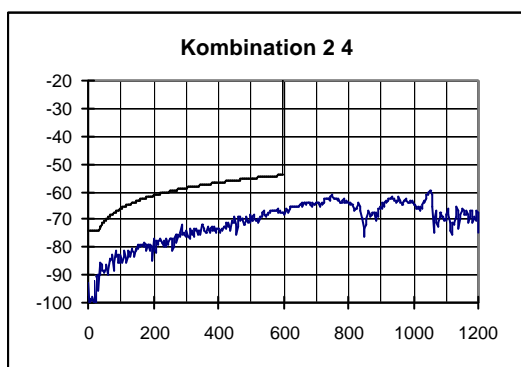
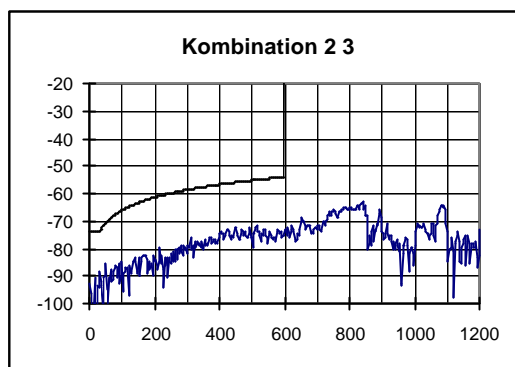
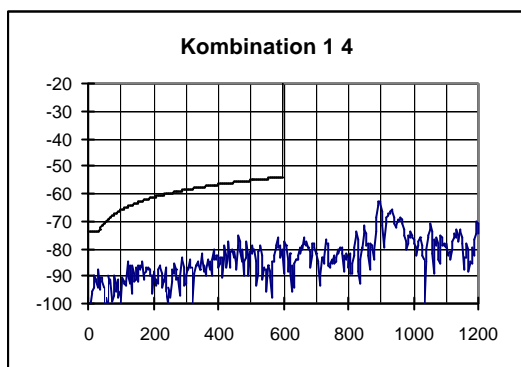
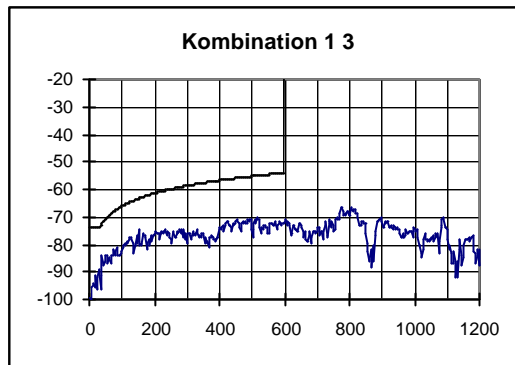
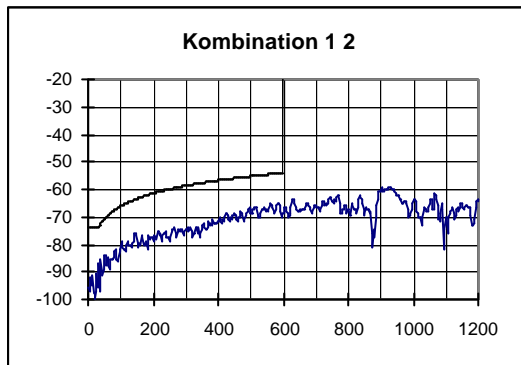
gepr.


Übersicht Ergebnis:

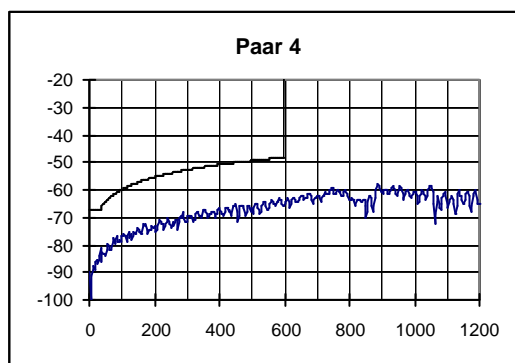
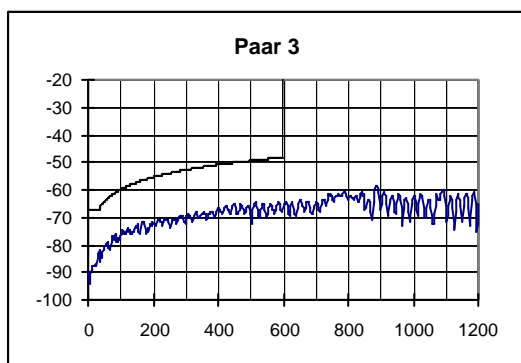
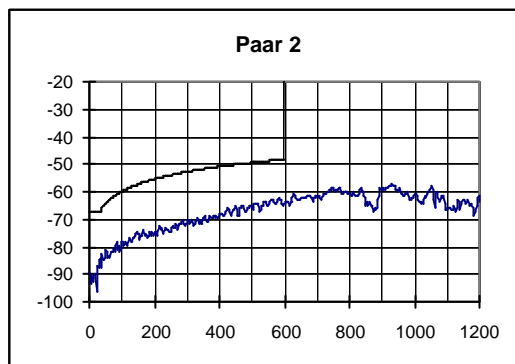
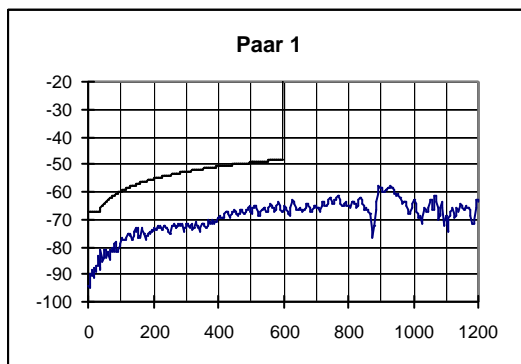
Paar	1	2	3	4	Grenzwert	max. skew/ns	Grenzw.
max. Laufzeit / ns	450,2	469,7	454,4	460,5	544	27,6	50
Dämpfung @ 100MHz/dB	18,31	18,65	18,10	18,30	20,8		
Dämpfung @ 600MHz/dB	46,32	46,68	45,26	45,75	54,6		
min PSNEXT-Res. / dB	15,31	13,91	14,92	14,07			
@ f / MHz	39,97	582,52	75,94	33,97			
PSNEXT Gr. / dB	65,85	48,40	61,67	66,91			
PSNEXT @ 100 MHz	79,20	78,11	76,38	77,06	59,9		
PSNEXT @ 600 MHz	66,93	64,56	67,56	65,46	48,2		
min PSELFEXT-Res. / dB	13,54	14,53	14,73	14,00			
@ f / MHz	588,51	591,51	561,53	573,52			
PSELFEXT Gr. / dB	20,60	20,56	21,01	20,83			
PSELFEXT @ 100 MHz	63,81	67,07	65,29	66,38	36,0		
PSELFEXT @ 600 MHz	35,87	36,74	40,49	38,71	20,4		
min PSACR-Reserve / dB	16,7	17,8	16,4	15,4			
@ f / MHz	40,0	40,0	34,0	34,0			
PSACR Grenz. / dB	52,9	52,9	55,0	55,0			
PSACR @ 100 MHz	60,80	59,71	58,15	58,76	39,1		
PSACR @ 600 MHz	20,68	18,48	22,06	19,71	-6,4		
min RL-Reserve / dB	9,0	9,0	9,4	9,7			
@ f / MHz	1,0	16,0	1,0	1,0			
RL Grenzwert / dB	19,0	19,0	19,0	19,0			

Kombination	1 2	1 3	1 4	2 3	2 4	3 4	Grenzwert
min NEXT-Reserve / dB	10,68	11,39	13,77	14,65	11,76	9,20	
@ f / MHz	585,51	150,88	30,98	30,98	582,52	33,97	
NEXT @ 100 MHz	82,09	82,37	102,96	84,63	82,36	78,60	66,1
NEXT @ 600 MHz	68,82	72,09	80,12	75,47	67,22	70,70	54,0
min ELFEXT-Res. / dB	14,1	13,3	14,0	13,7	12,9	12,1	
@ f / MHz	576,5	573,5	594,5	564,5	573,5	555,5	
ELFEXT @ 100 MHz	67,59	67,93	70,96	84,65	77,25	68,82	39,0
ELFEXT @ 600 MHz	38,32	41,93	43,25	59,04	41,99	46,19	23,4
min ACR-Reserve/ dB	14,2	13,3	15,0	16,0	14,5	10,5	
@ f / MHz	31,0	40,0	31,0	31,0	34,0	34,0	
ACR @ 100 MHz	63,44	64,27	84,66	66,52	64,05	60,30	42,1
ACR @ 600 MHz	22,14	26,83	34,37	30,20	21,47	24,95	-3,4

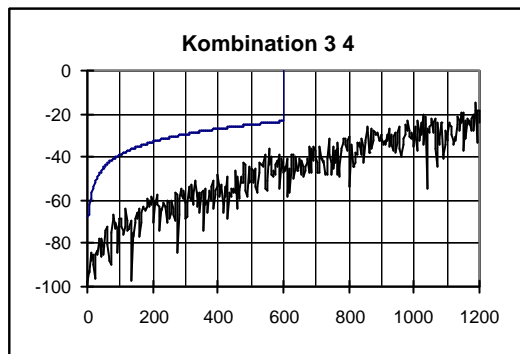
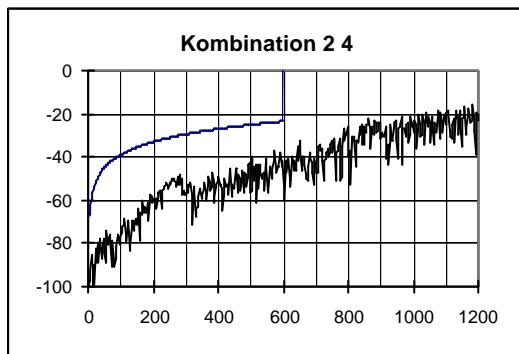
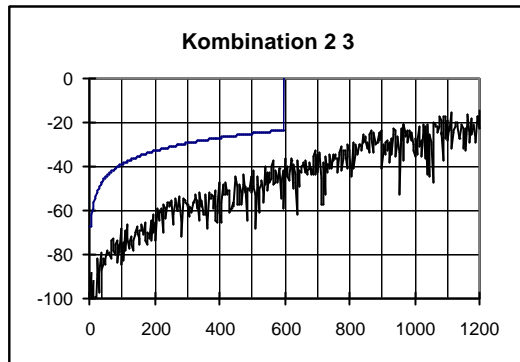
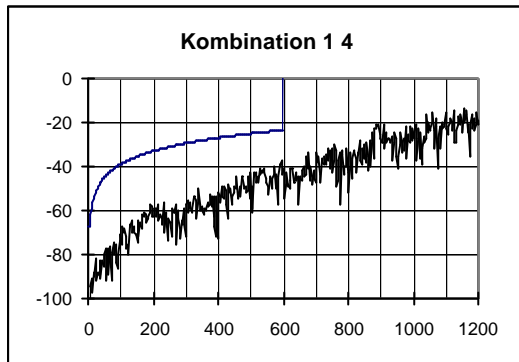
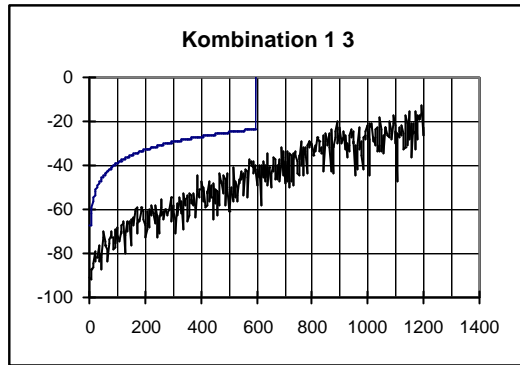
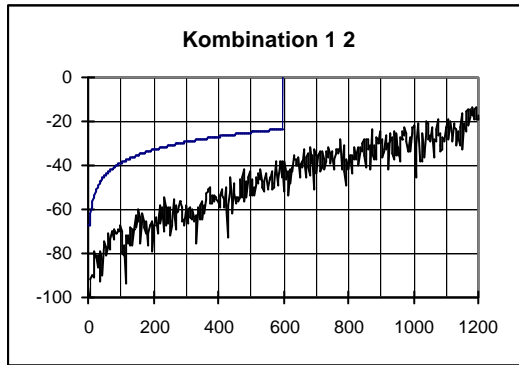
NEXT / dB



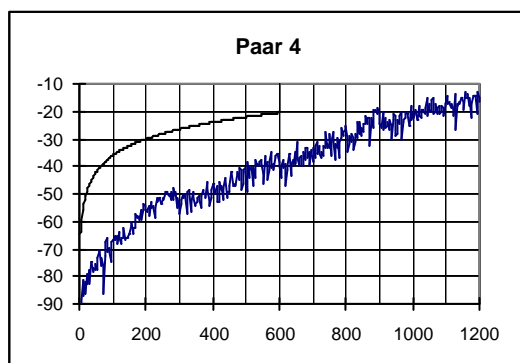
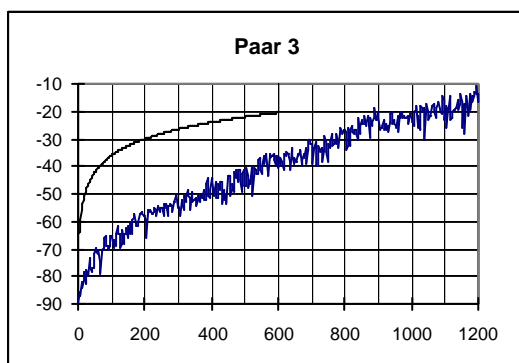
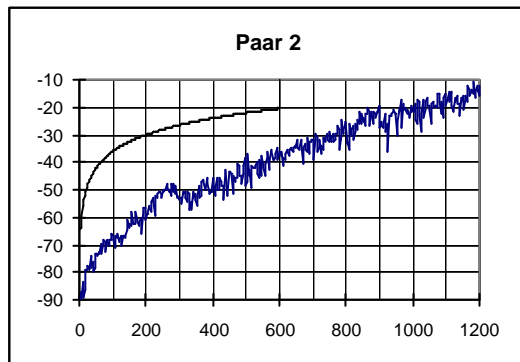
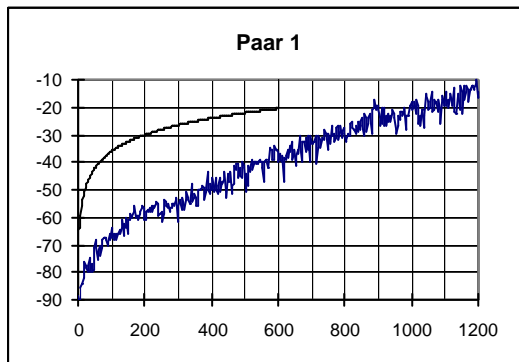
PSNEXT / dB



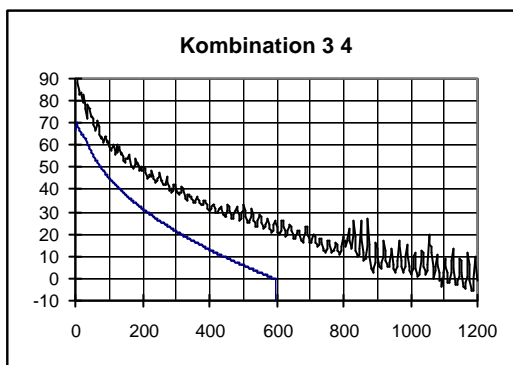
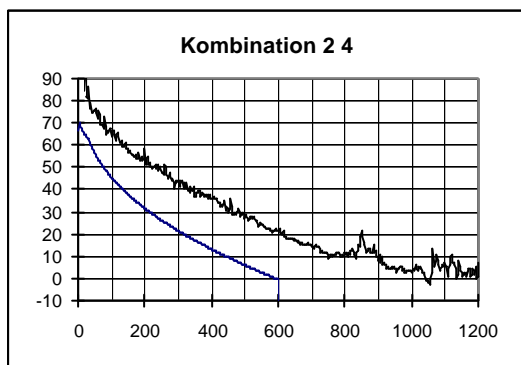
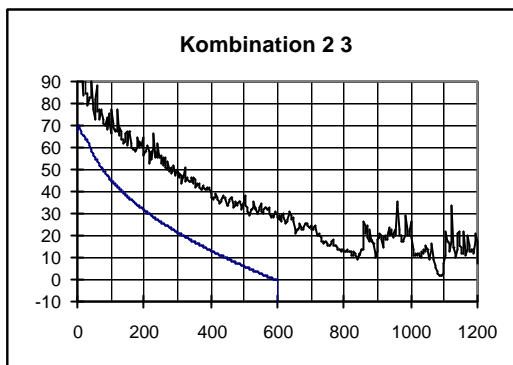
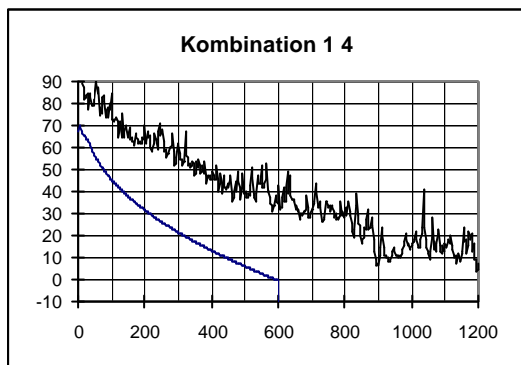
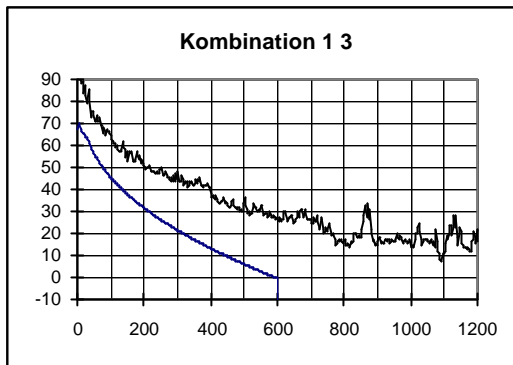
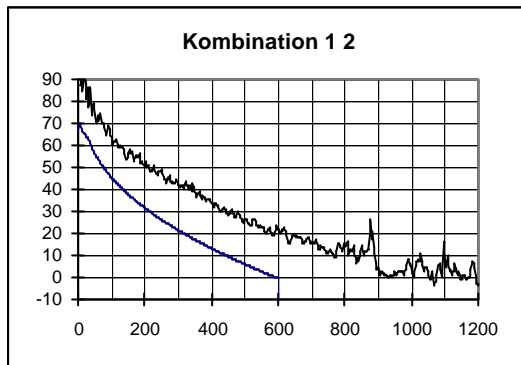
ELFEXT / dB



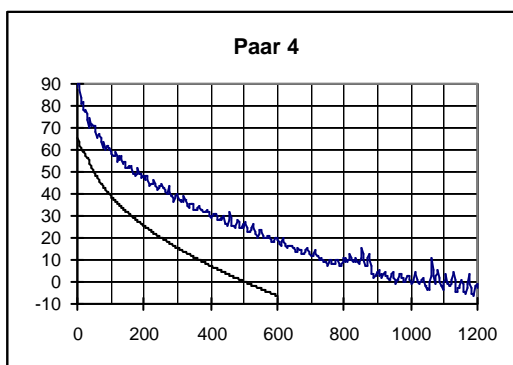
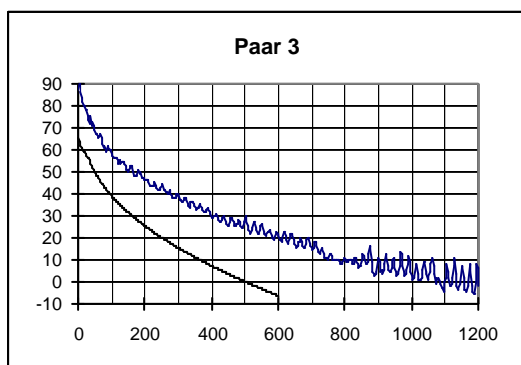
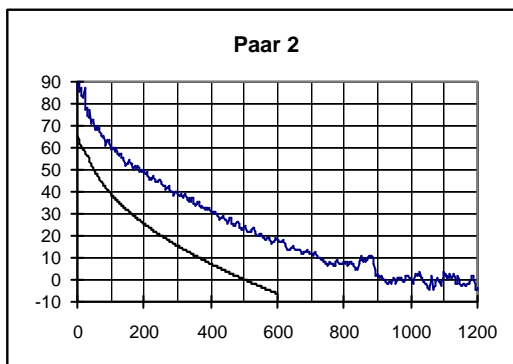
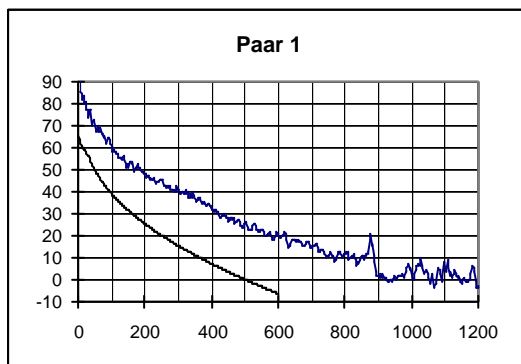
PSELFEXT / dB



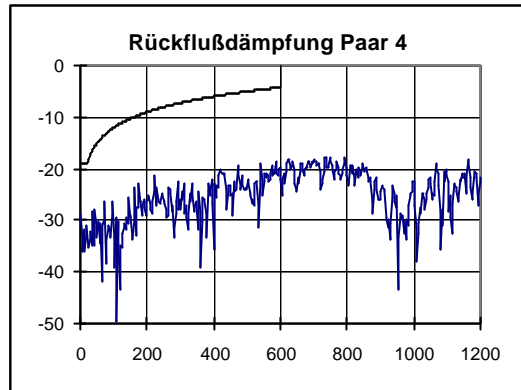
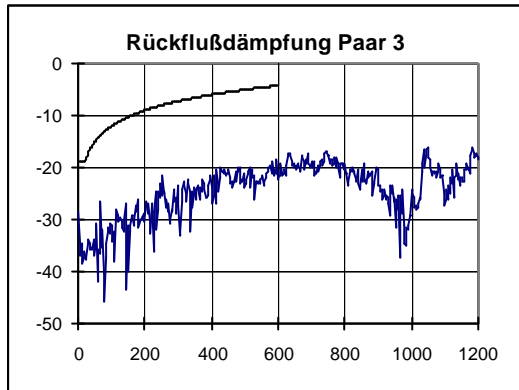
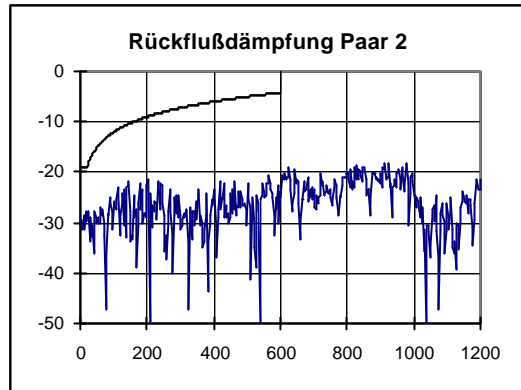
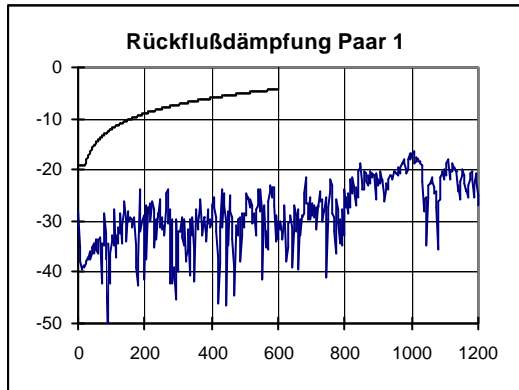
ACR / dB



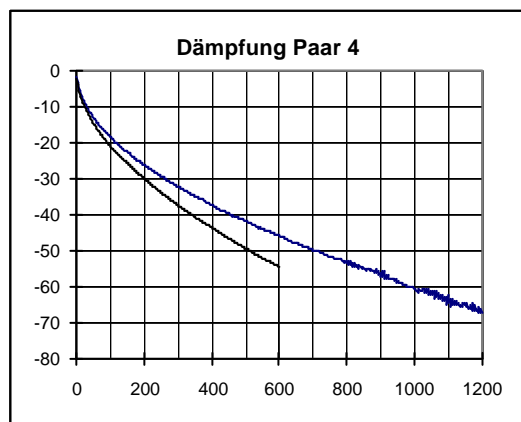
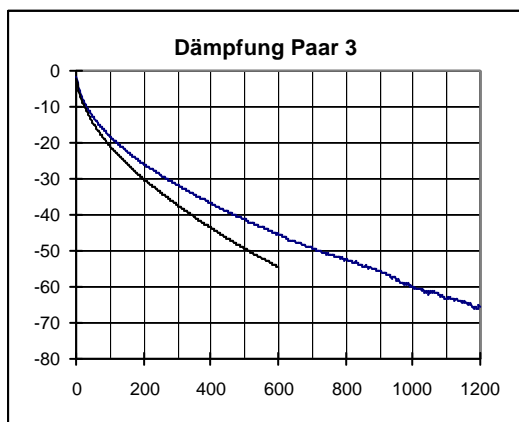
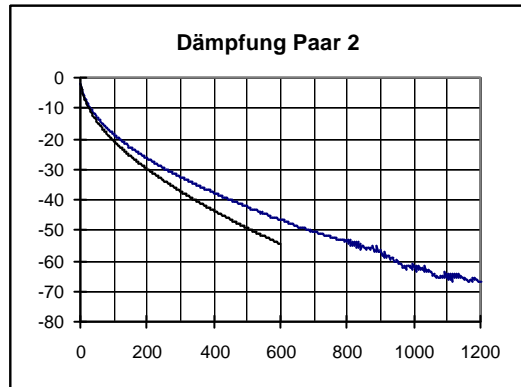
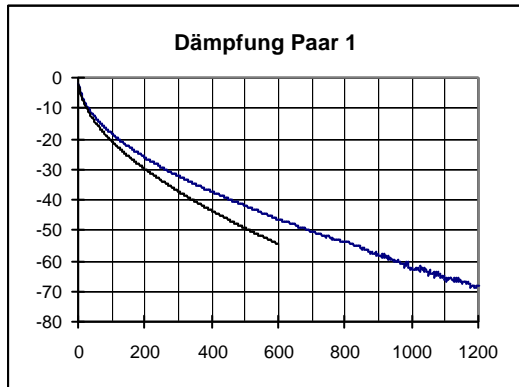
PSACR / dB

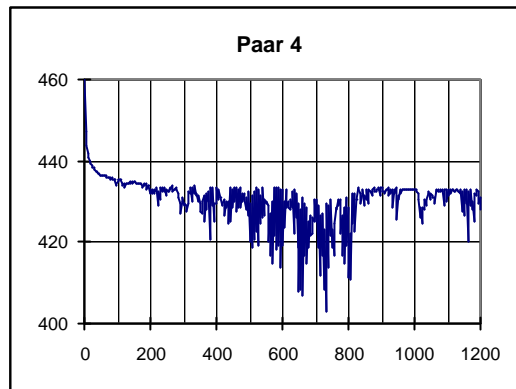
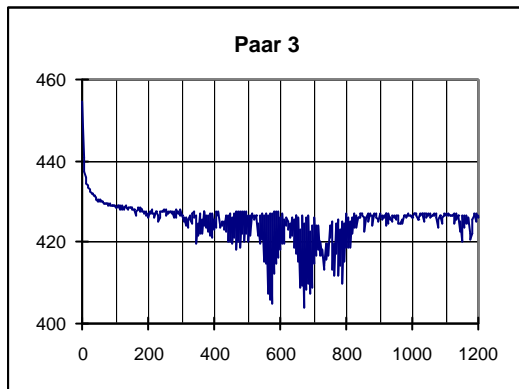
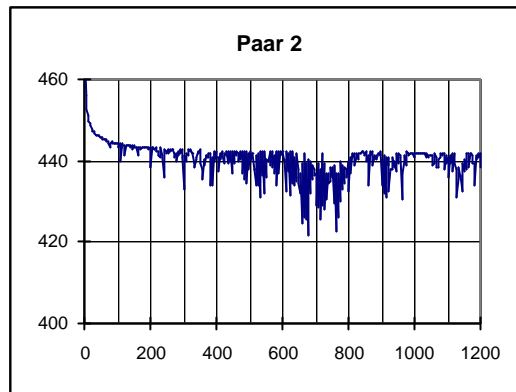
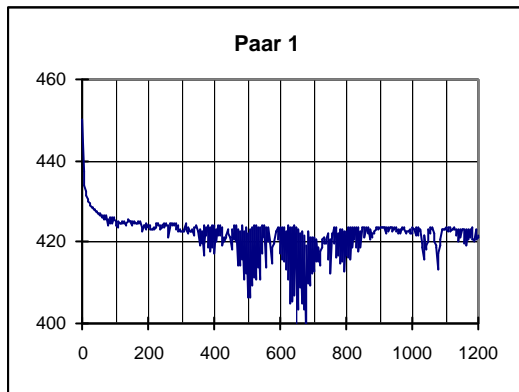


Return Loss / dB



Dämpfung / dB





Ende des Prüfberichtes