

SCHWARZBECK MESS - ELEKTRONIK

An der Klinge 29 D-69250 Schönau Tel.: 06228/1001 Fax.: (49)6228/1003

UHALP 9108 A1

Korrekturdaten für kurze Meßentfernung

Correction for Short Measuring Distance

Frequency	Gain (Iso.)	Ant.-Fact k	gi (10 m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
Frequenz	Gewinn	Ant. Faktor	gi (10 m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
MHz	dB <i>i</i>	dB/m	dB <i>i</i>	dB/m	dB <i>i</i>	dB/m	dB <i>i</i>	dB/m
250.0	2.27	15.91	1.93	16.25	1.18	17.00	-0.65	18.83
260.0	3.44	15.08	3.10	15.42	2.35	16.17	0.52	18.00
270.0	4.26	14.59	3.92	14.93	3.17	15.67	1.34	17.51
280.0	5.01	14.15	4.67	14.49	3.92	15.24	2.09	17.08
290.0	5.63	13.84	5.29	14.18	4.54	14.93	2.71	16.76
300.0	6.07	13.69	5.74	14.02	5.02	14.74	3.24	16.52
325.0	6.61	13.85	6.31	14.15	5.64	14.82	3.97	16.49
350.0	6.79	14.31	6.51	14.59	5.90	15.20	4.35	16.76
375.0	6.54	15.17	6.28	15.42	5.71	15.99	4.26	17.44
400.0	6.39	15.87	6.15	16.11	5.61	16.65	4.25	18.02
425.0	6.52	16.27	6.30	16.49	5.80	16.99	4.51	18.28
450.0	6.65	16.64	6.44	16.84	5.97	17.32	4.75	18.54
475.0	6.69	17.06	6.49	17.26	6.05	17.71	4.89	18.86
500.0	6.86	17.34	6.68	17.52	6.26	17.94	5.17	19.03
525.0	6.93	17.69	6.75	17.87	6.36	18.27	5.31	19.31
550.0	6.86	18.16	6.69	18.33	6.31	18.71	5.31	19.71
575.0	6.79	18.62	6.63	18.78	6.27	19.14	5.32	20.10
600.0	6.90	18.88	6.75	19.03	6.41	19.38	5.50	20.28
625.0	6.96	19.18	6.82	19.32	6.49	19.64	5.63	20.50
650.0	6.98	19.50	6.85	19.63	6.54	19.94	5.73	20.75
675.0	7.01	19.79	6.88	19.93	6.59	20.22	5.80	21.01
700.0	7.06	20.06	6.93	20.19	6.65	20.47	5.88	21.24
725.0	7.23	20.19	7.11	20.31	6.85	20.58	6.13	21.30
750.0	7.44	20.28	7.33	20.39	7.07	20.65	6.38	21.34
775.0	7.52	20.49	7.41	20.59	7.17	20.84	6.50	21.51
800.0	7.44	20.84	7.34	20.95	7.10	21.18	6.46	21.83
825.0	7.36	21.18	7.26	21.29	7.03	21.52	6.41	22.13
850.0	7.30	21.51	7.20	21.60	6.99	21.82	6.39	22.41
875.0	7.31	21.75	7.22	21.84	7.01	22.05	6.44	22.62
900.0	7.44	21.86	7.35	21.96	7.14	22.16	6.57	22.73
1000.0	7.47	22.75	7.39	22.83	7.21	23.01	6.72	23.50
1050.0	7.60	23.04	7.53	23.12	7.36	23.29	6.89	23.75
1100.0	7.64	23.41	7.58	23.47	7.43	23.62	7.01	24.04
1150.0	7.62	23.81	7.56	23.87	7.42	24.01	7.03	24.40
1200.0	7.62	24.19	7.56	24.24	7.43	24.37	7.07	24.73
1300.0	7.44	25.06	7.39	25.11	7.27	25.23	6.93	25.56
1400.0	7.40	25.74	7.36	25.79	7.26	25.89	6.98	26.17
1500.0	7.27	26.47	7.23	26.51	7.14	26.60	6.89	26.85
1600.0	7.22	27.08	7.19	27.12	7.10	27.20	6.88	27.42
Bezugs- punkt:	Strahlungs -zone:	Strahlungs -zone:	Spitze der Log.-Per. Struktur					
Reference Point:	Radiating Zone:	Radiating Zone:	Tip of Log.-Per. Structure					

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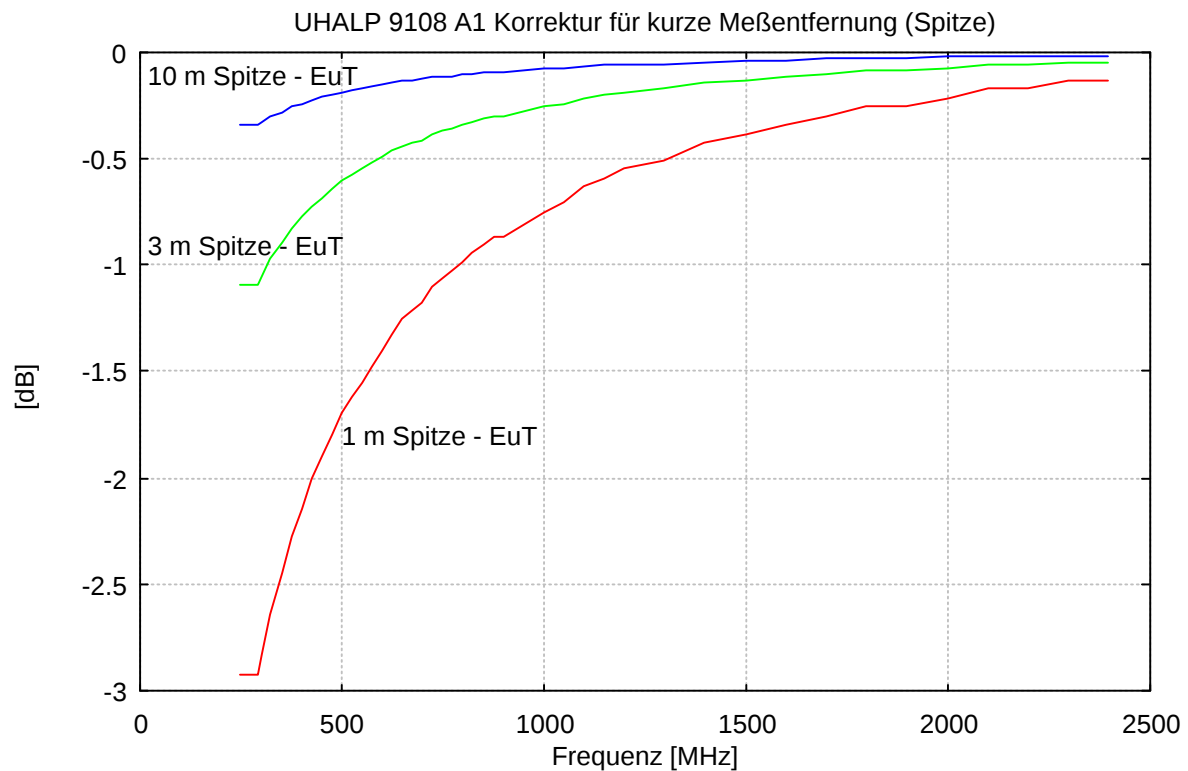
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Frequency	Gain (Iso.)	Ant.-Fact k	gi (10 m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
Frequenz	Gewinn	Ant. Faktor	gi (10 m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
MHz	dBi	dB/m	dBi	dB/m	dBi	dB/m	dBi	dB/m
1600.0	7.22	27.08	7.19	27.12	7.10	27.20	6.88	27.42
1700.0	6.82	28.00	6.79	28.04	6.72	28.11	6.52	28.31
1800.0	6.51	28.81	6.48	28.84	6.42	28.90	6.25	29.07
1900.0	5.84	29.96	5.81	29.98	5.75	30.04	5.58	30.21
2000.0	5.15	31.09	5.13	31.11	5.08	31.16	4.94	31.31
2100.0	4.85	31.81	4.83	31.83	4.79	31.87	4.68	31.99
2200.0	4.90	32.17	4.88	32.19	4.84	32.23	4.73	32.34
2300.0	5.23	32.22	5.22	32.24	5.19	32.27	5.10	32.35
2400.0	5.06	32.76	5.05	32.78	5.02	32.81	4.93	32.89
Bezugs- punkt:	Strahlungs- -zone:	Strahlungs- -zone:	Spitze der Log.-Per. Struktur					
Reference Point:	Radiating Zone:	Radiating Zone:	Tip of Log.-Per. Structure					



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Frequency	Gain (Iso.)	Ant.-Fact k	gi (10 m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
Frequenz	Gewinn	Ant. Faktor	gi (10 m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
MHz	dB <i>i</i>	dB/m	dB <i>i</i>	dB/m	dB <i>i</i>	dB/m	dB <i>i</i>	dB/m
250.0	2.27	15.91	2.11	16.07	1.74	16.44	0.76	17.42
260.0	3.44	15.08	3.28	15.24	2.91	15.61	1.93	16.59
270.0	4.26	14.59	4.10	14.75	3.73	15.12	2.75	16.10
280.0	5.01	14.15	4.85	14.32	4.48	14.69	3.50	15.66
290.0	5.63	13.84	5.47	14.00	5.10	14.37	4.12	15.35
300.0	6.07	13.69	5.92	13.84	5.58	14.18	4.67	15.09
325.0	6.61	13.85	6.48	13.97	6.20	14.26	5.43	15.02
350.0	6.79	14.31	6.69	14.41	6.46	14.64	5.84	15.26
375.0	6.54	15.17	6.46	15.24	6.28	15.42	5.79	15.91
400.0	6.39	15.87	6.33	15.93	6.19	16.07	5.80	16.46
425.0	6.52	16.27	6.48	16.31	6.38	16.41	6.10	16.69
450.0	6.65	16.64	6.62	16.66	6.55	16.73	6.35	16.93
475.0	6.69	17.06	6.67	17.08	6.63	17.12	6.52	17.24
500.0	6.86	17.34	6.86	17.34	6.85	17.35	6.82	17.38
525.0	6.93	17.69	6.93	17.69	6.94	17.68	6.97	17.65
550.0	6.86	18.16	6.87	18.15	6.90	18.12	6.99	18.04
575.0	6.79	18.62	6.81	18.60	6.86	18.55	7.01	18.40
600.0	6.90	18.88	6.93	18.85	7.00	18.78	7.21	18.57
625.0	6.96	19.18	7.00	19.14	7.09	19.05	7.36	18.78
650.0	6.98	19.50	7.03	19.45	7.14	19.34	7.47	19.01
675.0	7.01	19.79	7.06	19.74	7.19	19.62	7.55	19.26
700.0	7.06	20.06	7.12	20.01	7.25	19.87	7.64	19.48
725.0	7.23	20.19	7.30	20.13	7.45	19.98	7.91	19.52
750.0	7.44	20.28	7.51	20.21	7.67	20.05	8.16	19.56
775.0	7.52	20.49	7.59	20.41	7.77	20.24	8.29	19.71
800.0	7.44	20.84	7.52	20.76	7.70	20.58	8.26	20.02
825.0	7.36	21.18	7.44	21.11	7.64	20.91	8.23	20.32
850.0	7.30	21.51	7.39	21.42	7.59	21.21	8.22	20.59
875.0	7.31	21.75	7.40	21.66	7.62	21.44	8.27	20.79
900.0	7.44	21.86	7.53	21.77	7.75	21.56	8.40	20.90
1000.0	7.47	22.75	7.57	22.65	7.82	22.40	8.58	21.64
1050.0	7.60	23.04	7.71	22.93	7.97	22.67	8.76	21.88
1100.0	7.64	23.41	7.76	23.29	8.04	23.01	8.90	22.15
1150.0	7.62	23.81	7.74	23.69	8.04	23.40	8.93	22.50
1200.0	7.62	24.19	7.75	24.06	8.05	23.75	8.98	22.82
1300.0	7.44	25.06	7.57	24.93	7.89	24.61	8.85	23.65
1400.0	7.40	25.74	7.54	25.60	7.88	25.27	8.91	24.23
1500.0	7.27	26.47	7.41	26.33	7.76	25.98	8.84	24.91
1600.0	7.22	27.08	7.37	26.93	7.73	26.58	8.84	25.46
Bezugs- punkt:	Strahlungs -zone:	Strahlungs -zone:	Mitte der Log.-Per. Struktur					
Reference Point:	Radiating Zone:	Radiating Zone:	Center of Log.-Per. Structure					

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MHz	dB <i>i</i>	dB/m	dB <i>i</i>	dB/m	dB <i>i</i>	dB/m	dB <i>i</i>	dB/m
1600.0	7.22	27.08	7.37	26.93	7.73	26.58	8.84	25.46
1700.0	6.82	28.00	6.97	27.86	7.34	27.49	8.49	26.34
1800.0	6.51	28.81	6.67	28.66	7.05	28.28	8.23	27.09
1900.0	5.84	29.96	6.00	29.80	6.38	29.42	7.56	28.23
2000.0	5.15	31.09	5.31	30.93	5.70	30.54	6.93	29.31
2100.0	4.85	31.81	5.02	31.65	5.42	31.25	6.68	29.98
2200.0	4.90	32.17	5.07	32.00	5.47	31.60	6.73	30.34
2300.0	5.23	32.22	5.40	32.05	5.81	31.64	7.11	30.34
2400.0	5.06	32.76	5.23	32.59	5.64	32.18	6.94	30.88
Bezugs- punkt:	Strahlungs- -zone:	Strahlungs- -zone:	Mitte der Log.-Per. Struktur					
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