

SCHWARZBECK MESS - ELEKTRONIK

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

VULB 9168

Korrekturdaten für kurze Meßentfernung (Mitte-Prüfling) Correction for Short Measuring Distance (Center-EuT)

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
20.0	-19.57	15.81	-19.91	16.16	-20.67	16.91	-22.52	18.76
22.0	-17.76	14.82	-18.10	15.17	-18.86	15.93	-20.71	17.78
25.0	-14.85	13.03	-15.19	13.37	-15.95	14.13	-17.80	15.98
27.0	-12.74	11.59	-13.08	11.93	-13.84	12.69	-15.69	14.54
30.0	-12.36	12.12	-12.70	12.47	-13.46	13.22	-15.31	15.08
35.0	-11.19	12.29	-11.53	12.64	-12.29	13.39	-14.14	15.24
40.0	-10.71	12.97	-11.05	13.32	-11.81	14.07	-13.66	15.92
45.0	-9.27	12.55	-9.61	12.90	-10.37	13.65	-12.22	15.51
50.0	-8.24	12.44	-8.58	12.78	-9.34	13.54	-11.19	15.39
60.0	-5.87	11.66	-6.21	12.00	-6.97	12.75	-8.82	14.61
70.0	-2.60	9.73	-2.94	10.07	-3.70	10.82	-5.55	12.68
80.0	0.09	8.20	-0.25	8.54	-1.01	9.29	-2.86	11.15
90.0	0.96	8.34	0.62	8.69	-0.14	9.44	-1.99	11.30
100.0	1.17	9.05	0.83	9.39	0.07	10.15	-1.78	12.00
110.0	1.02	10.03	0.68	10.37	-0.08	11.13	-1.93	12.98
120.0	0.66	11.14	0.32	11.49	-0.44	12.24	-2.29	14.10
130.0	0.81	11.69	0.47	12.03	-0.29	12.79	-2.14	14.64
140.0	0.73	12.41	0.39	12.76	-0.37	13.51	-2.22	15.37
150.0	0.68	13.06	0.34	13.41	-0.42	14.16	-2.27	16.02
160.0	1.26	13.04	0.92	13.39	0.16	14.14	-1.69	16.00
170.0	2.75	12.08	2.41	12.42	1.65	13.18	-0.20	15.03
180.0	4.75	10.57	4.41	10.92	3.65	11.68	1.80	13.53
190.0	6.31	9.48	6.00	9.79	5.33	10.47	3.64	12.16
200.0	7.22	9.02	6.95	9.29	6.34	9.90	4.81	11.43
210.0	7.38	9.29	7.14	9.53	6.59	10.07	5.20	11.46
220.0	7.12	9.95	6.91	10.16	6.42	10.64	5.18	11.89
230.0	6.86	10.60	6.67	10.78	6.25	11.21	5.13	12.32
240.0	6.92	10.90	6.75	11.07	6.37	11.45	5.37	12.45
250.0	7.09	11.08	6.94	11.24	6.61	11.57	5.73	12.45
260.0	7.16	11.36	7.03	11.48	6.75	11.77	5.98	12.54
270.0	7.11	11.74	7.00	11.85	6.76	12.09	6.09	12.76
280.0	7.09	12.08	7.00	12.16	6.79	12.37	6.22	12.94
290.0	7.13	12.34	7.06	12.41	6.89	12.58	6.42	13.05
300.0	7.16	12.60	7.10	12.66	6.96	12.80	6.57	13.19
325.0	7.11	13.34	7.08	13.37	7.02	13.43	6.85	13.60
350.0	7.26	13.84	7.26	13.84	7.27	13.83	7.30	13.80
375.0	7.28	14.42	7.31	14.39	7.38	14.32	7.59	14.11
400.0	7.35	14.91	7.40	14.86	7.53	14.74	7.89	14.37
425.0	7.17	15.62	7.24	15.55	7.40	15.38	7.89	14.89
450.0	7.02	16.26	7.11	16.18	7.31	15.97	7.94	15.35
475.0	7.20	16.55	7.30	16.45	7.55	16.20	8.31	15.44
500.0	7.29	16.91	7.41	16.79	7.69	16.51	8.55	15.65
525.0	7.22	17.41	7.35	17.27	7.67	16.96	8.63	15.99
550.0	7.16	17.87	7.30	17.73	7.64	17.39	8.67	16.35
575.0	7.08	18.34	7.23	18.18	7.60	17.81	8.75	16.66
600.0	6.91	18.88	7.07	18.71	7.46	18.32	8.69	17.10
Bezugs- punkt:	Strahlungs -zone:	Strahlungs -zone:	Mitte der Log. - Per. Struktur					
Reference Point:	Radiating Zone:	Radiating Zone:	Center of Log. - Per. Structure					

SCHWARZBECK MESS - ELEKTRONIK

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

VULB 9168

Korrekturdaten für kurze Meßentfernung (Mitte-Prüfling) Correction for Short Measuring Distance (Center-EuT)

Frequency	Gain(Iso.)	Ant.-Fact k	gi (10m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
Frequenz	Gewinn	Ant.Faktor	gi (10m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
MHz	dBi	dB/m	dBi	dB/m	dBi	dB/m	dBi	dB/m
600.0	6.91	18.88	7.07	18.71	7.46	18.32	8.69	17.10
625.0	6.75	19.39	6.92	19.22	7.33	18.80	8.63	17.50
675.0	6.78	20.02	6.96	19.84	7.41	19.40	8.83	17.98
700.0	6.82	20.30	7.01	20.11	7.48	19.64	8.98	18.14
725.0	6.76	20.67	6.96	20.46	7.45	19.97	9.03	18.40
750.0	6.74	20.98	6.95	20.77	7.45	20.27	9.07	18.65
775.0	6.74	21.27	6.95	21.06	7.46	20.54	9.12	18.88
800.0	6.84	21.44	7.06	21.23	7.58	20.70	9.28	19.00
825.0	6.91	21.64	7.13	21.41	7.68	20.87	9.47	19.08
850.0	6.98	21.83	7.21	21.60	7.77	21.04	9.60	19.21
875.0	6.94	22.12	7.17	21.89	7.74	21.32	9.61	19.45
900.0	6.85	22.45	7.09	22.22	7.67	21.64	9.58	19.72
925.0	6.74	22.81	6.98	22.56	7.58	21.97	9.53	20.01
950.0	6.80	22.98	7.04	22.73	7.64	22.14	9.59	20.18
975.0	6.94	23.06	7.19	22.81	7.79	22.21	9.79	20.21
1000.0	7.12	23.10	7.37	22.85	7.99	22.23	10.03	20.19
1050.0	7.29	23.35	7.55	23.10	8.17	22.47	10.26	20.38
1100.0	7.18	23.87	7.44	23.60	8.10	22.95	10.28	20.77
1150.0	7.15	24.28	7.42	24.01	8.08	23.35	10.31	21.12
1200.0	7.12	24.69	7.39	24.41	8.07	23.74	10.34	21.46
1250.0	7.04	25.12	7.32	24.84	8.00	24.15	10.33	21.83
1300.0	6.74	25.75	7.02	25.48	7.72	24.78	10.09	22.41
1350.0	6.60	26.22	6.89	25.94	7.60	25.23	10.01	22.81
1400.0	6.53	26.62	6.82	26.32	7.54	25.60	10.01	23.13
1450.0	6.45	27.00	6.74	26.71	7.46	25.99	9.93	23.52
1500.0	6.11	27.63	6.41	27.34	7.14	26.60	9.65	24.09
1550.0	5.59	28.43	5.89	28.14	6.63	27.39	9.20	24.83
1600.0	5.05	29.25	5.35	28.95	6.09	28.21	8.66	25.64
1650.0	4.65	29.92	4.95	29.61	5.71	28.86	8.33	26.24
1700.0	4.45	30.38	4.75	30.07	5.51	29.32	8.13	26.70
1750.0	4.20	30.88	4.51	30.57	5.28	29.80	7.94	27.14
1800.0	3.94	31.39	4.25	31.08	5.02	30.31	7.68	27.64
1850.0	3.54	32.02	3.85	31.71	4.63	30.93	7.35	28.21
1900.0	2.88	32.91	3.19	32.60	3.97	31.82	6.69	29.11
1950.0	2.49	33.53	2.81	33.21	3.60	32.42	6.37	29.65
2000.0	2.07	34.18	2.39	33.85	3.18	33.06	5.95	30.29
Bezugs- punkt:	Strahlungs -zone:	Strahlungs -zone:	Mitte der Log. - Per. Struktur					
Reference Point:	Radiating Zone:	Radiating Zone:	Center of Log. - Per. Structure					

SCHWARZBECK MESS - ELEKTRONIK

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

VULB 9168

Korrekturdaten für kurze Meßentfernung (Spitze-Prüfling)

Correction for Short Measuring Distance (Tip-EuT)

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
20.0	-19.57	15.81	-20.24	16.48	-21.63	17.88	-24.70	20.94
22.0	-17.76	14.82	-18.43	15.50	-19.82	16.89	-22.89	19.96
25.0	-14.85	13.03	-15.52	13.70	-16.91	15.09	-19.98	18.16
27.0	-12.74	11.59	-13.41	12.26	-14.80	13.65	-17.87	16.72
30.0	-12.36	12.12	-13.03	12.79	-14.42	14.19	-17.49	17.25
35.0	-11.19	12.29	-11.86	12.96	-13.25	14.36	-16.32	17.42
40.0	-10.71	12.97	-11.38	13.64	-12.77	15.04	-15.84	18.10
45.0	-9.27	12.55	-9.94	13.23	-11.33	14.62	-14.40	17.68
50.0	-8.24	12.44	-8.91	13.11	-10.30	14.50	-13.37	17.57
60.0	-5.87	11.66	-6.54	12.33	-7.93	13.72	-11.00	16.78
70.0	-2.60	9.73	-3.27	10.39	-4.66	11.79	-7.73	14.85
80.0	0.09	8.20	-0.58	8.86	-1.97	10.26	-5.04	13.32
90.0	0.96	8.34	0.29	9.02	-1.10	10.41	-4.17	13.47
100.0	1.17	9.05	0.50	9.72	-0.89	11.11	-3.96	14.18
110.0	1.02	10.03	0.35	10.70	-1.04	12.09	-4.11	15.16
120.0	0.66	11.14	-0.01	11.82	-1.40	13.21	-4.47	16.27
130.0	0.81	11.69	0.14	12.36	-1.25	13.75	-4.32	16.82
140.0	0.73	12.41	0.06	13.09	-1.33	14.48	-4.40	17.54
150.0	0.68	13.06	0.01	13.73	-1.38	15.13	-4.45	18.19
160.0	1.26	13.04	0.59	13.71	-0.80	15.11	-3.87	18.17
170.0	2.75	12.08	2.08	12.75	0.69	14.14	-2.38	17.21
180.0	4.75	10.57	4.08	11.25	2.69	12.64	-0.38	15.70
190.0	6.31	9.48	5.67	10.12	4.35	11.45	1.40	14.40
200.0	7.22	9.02	6.62	9.62	5.35	10.89	2.51	13.73
210.0	7.38	9.29	6.80	9.86	5.59	11.07	2.85	13.82
220.0	7.12	9.95	6.57	10.50	5.42	11.65	2.77	14.30
230.0	6.86	10.60	6.34	11.12	5.23	12.23	2.67	14.78
240.0	6.92	10.90	6.42	11.41	5.35	12.48	2.86	14.96
250.0	7.09	11.08	6.61	11.57	5.58	12.60	3.17	15.01
260.0	7.16	11.36	6.70	11.82	5.71	12.81	3.38	15.14
270.0	7.11	11.74	6.67	12.18	5.71	13.14	3.44	15.40
280.0	7.09	12.08	6.66	12.50	5.74	13.42	3.54	15.62
290.0	7.13	12.34	6.72	12.75	5.83	13.64	3.70	15.77
300.0	7.16	12.60	6.76	13.00	5.90	13.87	3.81	15.95
325.0	7.11	13.34	6.74	13.71	5.95	14.51	4.00	16.45
350.0	7.26	13.84	6.92	14.18	6.19	14.92	4.37	16.73
375.0	7.28	14.42	6.97	14.73	6.28	15.42	4.58	17.12
400.0	7.35	14.91	7.06	15.20	6.42	15.84	4.81	17.45
425.0	7.17	15.62	6.90	15.89	6.29	16.50	4.76	18.03
450.0	7.02	16.26	6.76	16.52	6.19	17.09	4.74	18.54
475.0	7.20	16.55	6.96	16.79	6.42	17.33	5.06	18.70
500.0	7.29	16.91	7.06	17.14	6.55	17.64	5.25	18.95
525.0	7.22	17.41	7.01	17.62	6.52	18.10	5.28	19.34
550.0	7.16	17.87	6.95	18.07	6.49	18.54	5.29	19.74
575.0	7.08	18.34	6.89	18.53	6.45	18.96	5.32	20.10
600.0	6.91	18.88	6.73	19.06	6.31	19.47	5.22	20.56
Bezugs- punkt:	Strahlungs -zone:	Strahlungs -zone:	Spitze der Log. - Per. Struktur					
Reference Point:	Radiating Zone:	Radiating Zone:	Tip of Log. - Per. Structure					

SCHWARZBECK MESS - ELEKTRONIK

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

VULB 9168

Korrekturdaten für kurze Meßentfernung (Spitze-Prüfling)
Correction for Short Measuring Distance (Tip-EuT)

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
600.0	6.91	18.88	6.73	19.06	6.31	19.47	5.22	20.56
625.0	6.75	19.39	6.57	19.56	6.18	19.96	5.13	21.01
675.0	6.78	20.02	6.62	20.19	6.25	20.56	5.27	21.54
700.0	6.82	20.30	6.67	20.46	6.31	20.81	5.38	21.74
725.0	6.76	20.67	6.61	20.81	6.28	21.15	5.40	22.03
750.0	6.74	20.98	6.60	21.12	6.27	21.45	5.41	22.31
775.0	6.74	21.27	6.60	21.40	6.29	21.72	5.45	22.56
800.0	6.84	21.44	6.71	21.58	6.40	21.88	5.59	22.69
825.0	6.91	21.64	6.78	21.76	6.50	22.05	5.73	22.82
850.0	6.98	21.83	6.86	21.95	6.58	22.22	5.84	22.97
875.0	6.94	22.12	6.82	22.24	6.56	22.50	5.84	23.22
900.0	6.85	22.45	6.74	22.57	6.48	22.82	5.79	23.52
925.0	6.74	22.81	6.63	22.91	6.39	23.16	5.72	23.83
950.0	6.80	22.98	6.69	23.08	6.45	23.33	5.78	24.00
975.0	6.94	23.06	6.84	23.16	6.60	23.40	5.96	24.04
1000.0	7.12	23.10	7.02	23.20	6.79	23.43	6.17	24.05
1050.0	7.29	23.35	7.19	23.45	6.98	23.67	6.38	24.26
1100.0	7.18	23.87	7.09	23.95	6.90	24.15	6.35	24.70
1150.0	7.15	24.28	7.07	24.37	6.88	24.55	6.36	25.07
1200.0	7.12	24.69	7.04	24.76	6.86	24.94	6.37	25.43
1250.0	7.04	25.12	6.97	25.19	6.80	25.36	6.33	25.83
1300.0	6.74	25.75	6.67	25.83	6.51	25.99	6.07	26.43
1350.0	6.60	26.22	6.54	26.29	6.39	26.44	5.97	26.85
1400.0	6.53	26.62	6.47	26.67	6.33	26.81	5.94	27.20
1450.0	6.45	27.00	6.39	27.06	6.25	27.20	5.86	27.59
1500.0	6.11	27.63	6.05	27.69	5.92	27.82	5.56	28.18
1550.0	5.59	28.43	5.54	28.49	5.42	28.61	5.08	28.94
1600.0	5.05	29.25	5.00	29.30	4.88	29.42	4.54	29.76
1650.0	4.65	29.92	4.60	29.97	4.49	30.08	4.18	30.38
1700.0	4.45	30.38	4.40	30.43	4.29	30.54	3.98	30.84
1750.0	4.20	30.88	4.16	30.92	4.06	31.02	3.78	31.30
1800.0	3.94	31.39	3.90	31.43	3.80	31.53	3.52	31.81
1850.0	3.54	32.02	3.50	32.06	3.41	32.15	3.16	32.41
1900.0	2.88	32.91	2.84	32.95	2.75	33.04	2.50	33.30
1950.0	2.49	33.53	2.46	33.57	2.37	33.65	2.15	33.87
2000.0	2.07	34.18	2.04	34.21	1.95	34.29	1.73	34.51
Bezugs- punkt:	Strahlungs -zone:	Strahlungs -zone:	Spitze der Log. - Per. Struktur					
Reference Point:	Radiating Zone:	Radiating Zone:	Tip of Log. - Per. Structure					

SCHWARZBECK MESS - ELEKTRONIK

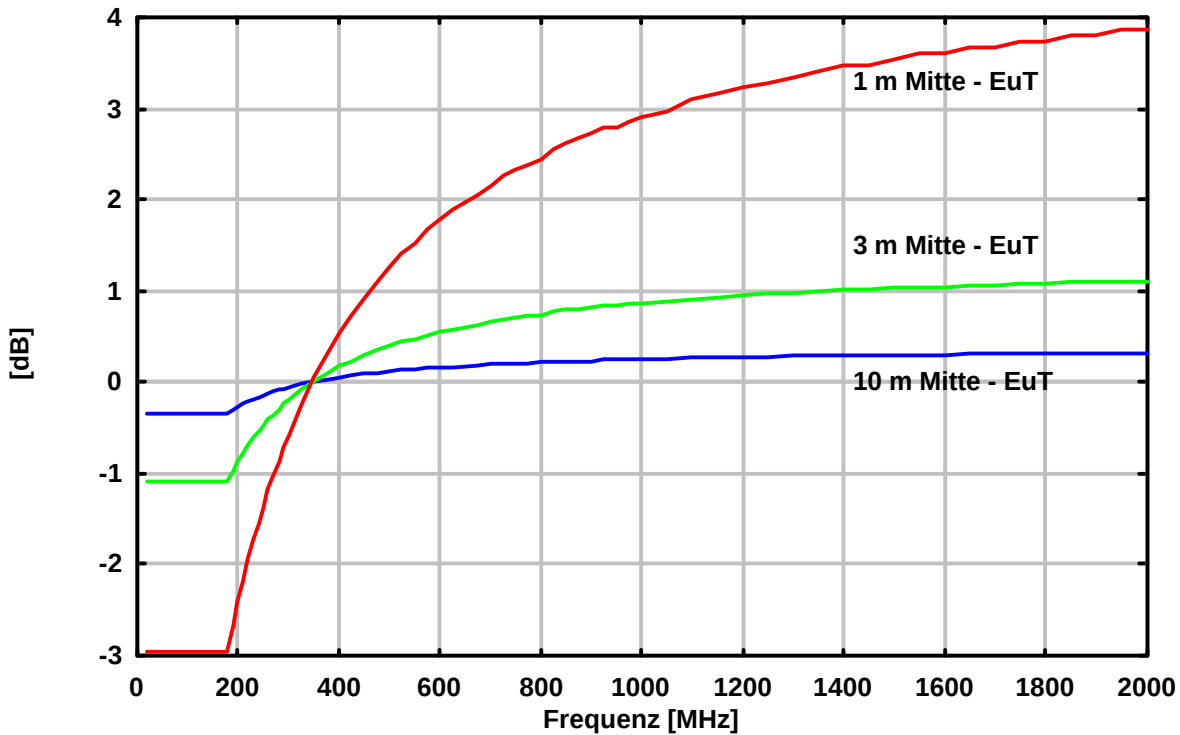
An der Klinge 29 D-69250 Schönau Tel.: 06228/1001 Fax.: (49)6228/1003

VULB 9168

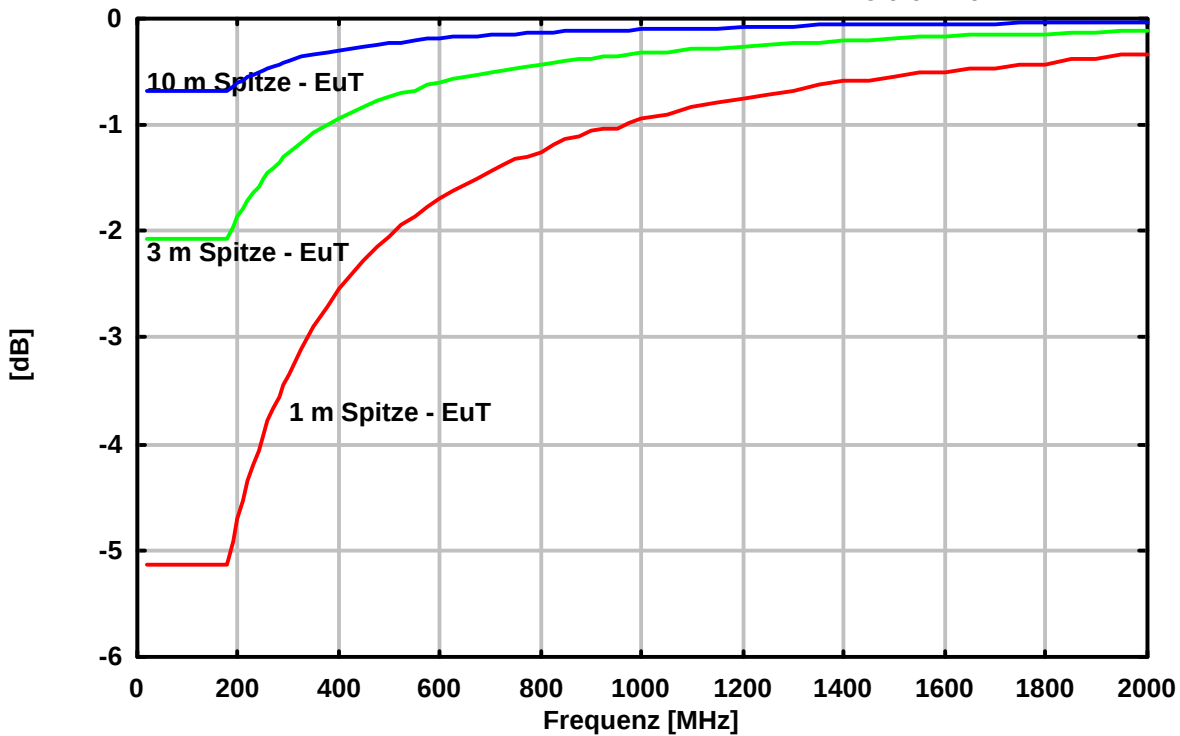
Korrekturdaten für kurze Meßentfernung

Correction for Short Measuring Distance

VULB 9168 Korrektur für kurze Meßentfernung (Mitte)



VULB 9168 Korrektur für kurze Meßentfernung (Spitze)



0 dB Referenz: Fernfeld-Daten

0 dB Reference: Farfield data