SCHWARZBECK MESS - ELEKTRONIK

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

VUSLP 9111 Korrekturdaten für kurze Messentfernung (Antennenspitze-Prüfling)
VUSLP 9111 Correction Data for Short Measuring Distances (Antenna 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
200.0	1.55	14.69	1.13	15.11	*0.21*	*16.03*	-1.97	18.21
210.0	2.55	14.12	2.13	14.54	*1.21*	*15.45*	-0.97	17.64
220.0	3.68	13.39	3.26	13.81	*2.34*	*14.73*	0.16	16.91
230.0	4.70	12.75	4.28	13.18	*3.36*	*14.09*	1.18	16.28
240.0	5.62	12.20	5.21	12.61	*4.33*	*13.49*	2.21	15.61
250.0	6.34	11.84	5.95	12.23	*5.10*	*13.08*	3.05	15.13
260.0	6.67	11.85	6.30	12.22	*5.48*	*13.04*	3.50	15.02
270.0	6.80	12.04	6.44	12.41	*5.65*	*13.20*	3.72	15.12
280.0	6.69	12.47	6.35	12.82	*5.59*	*13.57*	3.74	15.43
290.0	6.97	12.49	6.64	12.83	*5.91*	*13.56*	4.11	15.36
300.0	6.92	12.84	6.60	13.17	*5.88*	*13.88*	4.12	15.64
320.0	6.25	14.08	5.95	14.38	*5.28*	*15.04*	3.61	16.71
340.0	5.77	15.07	5.49	15.36	*4.86*	*15.99*	3.29	17.56
360.0	6.29	15.05	6.02	15.32	*5.44*	*15.91*	3.94	17.40
380.0	6.55	15.26	6.30	15.52	*5.74*	*16.08*	4.30	17.51
400.0	6.56	15.70	6.32	15.94	*5.78*	*16.48*	4.42	17.85
420.0	6.61	16.07	6.38	16.30	*5.87*	*16.81*	4.57	18.12
440.0	6.77	16.32	6.56	16.53	*6.07*	*17.01*	4.83	18.26
460.0	6.71	16.76	6.50	16.97	*6.04*	*17.43*	4.84	18.63
480.0	6.71	17.13	6.51	17.33	*6.07*	*17.78*	4.91	18.93
500.0	6.76	17.44	6.57	17.63	*6.15*	*18.05*	5.03	19.17
550.0	7.09	17.94	6.92	18.10	*6.54*	*18.48*	5.54	19.48
600.0	6.58	19.20	6.43	19.36	*6.07*	*19.71*	5.14	20.64
650.0	7.43	19.04	7.29	19.19	*6.98*	*19.50*	6.14	20.34
700.0	7.03	20.09	6.90	20.22	*6.61*	*20.52*	5.82	21.31
750.0	7.37	20.35	7.25	20.47	*6.99*	*20.73*	6.27	21.45
800.0	7.53	20.75	7.42	20.86	*7.18*	*21.11*	6.51	21.77
850.0	7.56	21.25	7.46	21.35	*7.22*	*21.59*	6.58	22.23
900.0	7.81	21.49	7.71	21.59	*7.50*	*21.81*	6.90	22.40
950.0	7.50	22.28	7.41	22.37	*7.20*	*22.57*	6.63	23.14
1000.0	7.53	22.69	7.45	22.77	*7.26*	*22.96*	6.74	23.48
1100.0	7.23	23.82	7.16	23.89	*6.99*	*24.06*	6.52	24.53
1200.0	7.54	24.26	7.48	24.33	*7.33*	*24.48*	6.91	24.89
1300.0	7.51	24.98	7.45	25.05	*7.31*	*25.19*	6.92	25.58
1400.0	7.99	25.15	7.93	25.21	*7.80*	*25.34*	7.44	25.70
1500.0	7.72	26.02	7.67	26.07	*7.56*	*26.18*	7.25	26.49
1600.0	7.58	26.72	7.54	26.77	*7.44*	*26.87*	7.16	27.15
1700.0	7.89	26.94	7.85	26.98	*7.75*	*27.08*	7.47	27.36
1800.0	7.54	27.78	7.50	27.82	*7.41*	*27.91*	7.16	28.17
1900.0	7.40	28.39	7.37	28.43	*7.28*	*28.51*	7.06	28.74
2000.0	7.91	28.33	7.88	28.36	*7.81*	*28.43*	7.61	28.63
2200.0	7.16	29.91	7.13	29.93	*7.07*	*29.99*	6.90	30.17
2400.0	6.42	31.40	6.40	31.43	*6.35*	*31.48*	6.21	31.62
2600.0	6.26	32.26	6.24	32.28	*6.19*	*32.33*	6.05	32.47
2800.0	6.69	32.47	6.67	32.49	*6.63*	*32.53*	6.52	32.65
Bezugs-punkt	**Strahlungs-zone**	**Strahlungs-zone**	**Antennenspitze**					
Reference-point	***Radiating-zone***	***Radiating-zone***	***Antenna Tip***					

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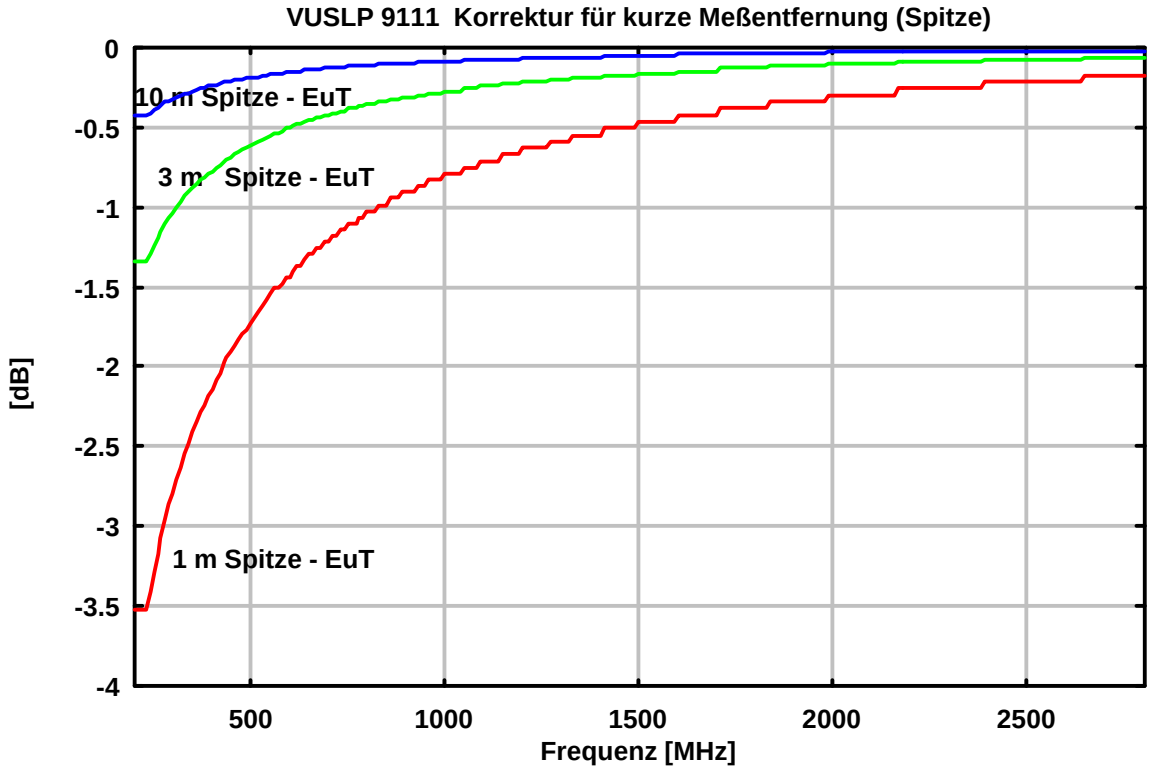
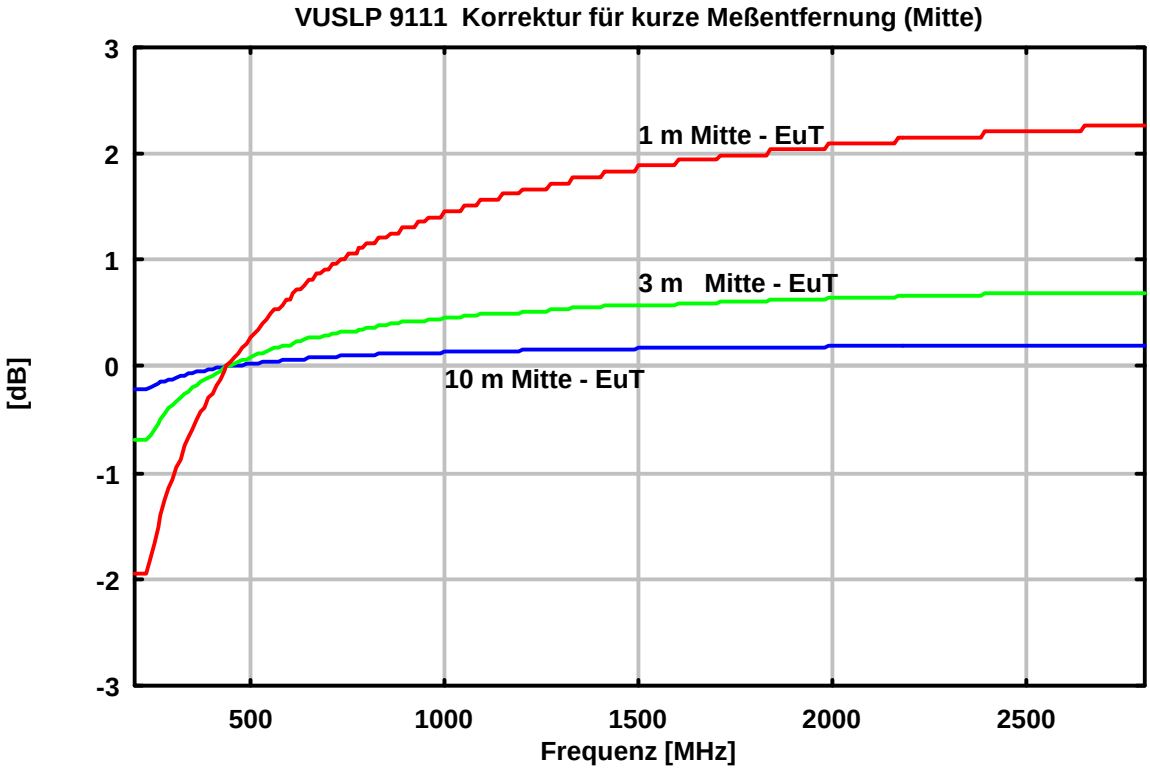
VUSLP 9111 Korrekturdaten für kurze Messentfernung

VUSLP 9111 Correction Data for Short Measuring Distances





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

VUSLP 9111 Korrekturdaten für kurze Messentfernung (Antennenmitte-Prüfling)

VUSLP 9111 Correction Data for Short Measuring Distances (Antenna Centre - 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
200.0	1.55	14.69	1.34	14.91	*0.85*	*15.39*	-0.39	16.63
210.0	2.55	14.12	2.34	14.33	*1.85*	*14.81*	0.61	16.05
220.0	3.68	13.39	3.47	13.60	*2.98*	*14.08*	1.74	15.33
230.0	4.70	12.75	4.49	12.97	*4.00*	*13.45*	2.76	14.69
240.0	5.62	12.20	5.42	12.40	*4.98*	*12.85*	3.82	14.00
250.0	6.34	11.84	6.16	12.02	*5.75*	*12.43*	4.68	13.49
260.0	6.67	11.85	6.51	12.01	*6.14*	*12.38*	5.16	13.36
270.0	6.80	12.04	6.65	12.20	*6.31*	*12.54*	5.40	13.45
280.0	6.69	12.47	6.56	12.61	*6.25*	*12.91*	5.44	13.72
290.0	6.97	12.49	6.85	12.62	*6.57*	*12.89*	5.83	13.64
300.0	6.92	12.84	6.81	12.95	*6.55*	*13.21*	5.86	13.90
320.0	6.25	14.08	6.16	14.16	*5.95*	*14.37*	5.38	14.94
340.0	5.77	15.07	5.70	15.15	*5.54*	*15.31*	5.10	15.75
360.0	6.29	15.05	6.24	15.11	*6.12*	*15.23*	5.78	15.56
380.0	6.55	15.26	6.51	15.30	*6.42*	*15.39*	6.17	15.65
400.0	6.56	15.70	6.53	15.73	*6.47*	*15.79*	6.30	15.96
420.0	6.61	16.07	6.60	16.09	*6.57*	*16.12*	6.48	16.20
440.0	6.77	16.32	6.77	16.32	*6.77*	*16.32*	6.77	16.32
460.0	6.71	16.76	6.72	16.76	*6.74*	*16.74*	6.80	16.68
480.0	6.71	17.13	6.73	17.12	*6.77*	*17.08*	6.89	16.96
500.0	6.76	17.44	6.79	17.41	*6.85*	*17.35*	7.02	17.17
550.0	7.09	17.94	7.14	17.89	*7.25*	*17.78*	7.58	17.45
600.0	6.58	19.20	6.64	19.14	*6.79*	*19.00*	7.21	18.57
650.0	7.43	19.04	7.51	18.97	*7.69*	*18.78*	8.25	18.23
700.0	7.03	20.09	7.12	20.00	*7.32*	*19.80*	7.95	19.18
750.0	7.37	20.35	7.47	20.25	*7.71*	*20.01*	8.43	19.29
800.0	7.53	20.75	7.64	20.64	*7.90*	*20.38*	8.69	19.59
850.0	7.56	21.25	7.67	21.13	*7.94*	*20.86*	8.77	20.04
900.0	7.81	21.49	7.93	21.37	*8.23*	*21.08*	9.12	20.18
950.0	7.50	22.28	7.63	22.15	*7.93*	*21.84*	8.86	20.91
1000.0	7.53	22.69	7.67	22.55	*7.99*	*22.23*	8.99	21.23
1100.0	7.23	23.82	7.37	23.67	*7.72*	*23.33*	8.80	22.25
1200.0	7.54	24.26	7.69	24.11	*8.06*	*23.74*	9.21	22.59
1300.0	7.51	24.98	7.67	24.83	*8.05*	*24.45*	9.23	23.27
1400.0	7.99	25.15	8.15	24.99	*8.54*	*24.60*	9.77	23.38
1500.0	7.72	26.02	7.89	25.85	*8.30*	*25.44*	9.60	24.14
1600.0	7.58	26.72	7.76	26.55	*8.18*	*26.12*	9.52	24.78
1700.0	7.89	26.94	8.07	26.76	*8.49*	*26.34*	9.83	25.00
1800.0	7.54	27.78	7.72	27.61	*8.15*	*27.17*	9.53	25.79
1900.0	7.40	28.39	7.58	28.21	*8.03*	*27.76*	9.45	26.35
2000.0	7.91	28.33	8.10	28.14	*8.56*	*27.68*	10.01	26.23
2200.0	7.16	29.91	7.35	29.72	*7.82*	*29.25*	9.32	27.75
2400.0	6.42	31.40	6.62	31.21	*7.10*	*30.73*	8.63	29.19
2600.0	6.26	32.26	6.46	32.06	*6.94*	*31.58*	8.47	30.05
2800.0	6.69	32.47	6.89	32.27	*7.38*	*31.78*	8.96	30.20
Bezugs-punkt:	Strahlungszone	Strahlungszone	Mitte der Log.-Per. Struktur					
Reference-point:	*Radiating-zone*	*Radiating-zone*	Center of Log.-Per. Structure					