SCHWARZBECK MESS - ELEKTRONIK

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

VULP 9118 G spezial
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	***dBi***	***dB/m***	**dBi**	**dB/m**	***dBi***	***dB/m***	**dBi**	**dB/m**
42.0	*-3.78*	*6.46*	-5.65	8.33	*-8.89*	*11.57*	-14.41	17.09
45.0	*0.47*	*2.81*	-1.40	4.68	*-4.64*	*7.92*	-10.16	13.44
50.0	*2.14*	*2.06*	0.27	3.93	*-2.97*	*7.16*	-8.49	12.69
55.0	*3.96*	*1.07*	2.09	2.94	*-1.15*	*6.17*	-6.67	11.70
60.0	*5.41*	*0.37*	3.69	2.09	*0.65*	*5.13*	-4.67	10.45
70.0	*5.78*	*1.34*	4.29	2.83	*1.58*	*5.54*	-3.36	10.48
80.0	*6.42*	*1.86*	5.12	3.17	*2.67*	*5.61*	-1.95	10.23
90.0	*6.22*	*3.09*	5.06	4.25	*2.83*	*6.47*	-1.49	10.80
100.0	*6.32*	*3.90*	5.28	4.94	*3.24*	*6.98*	-0.82	11.04
110.0	*6.69*	*4.36*	5.74	5.30	*3.87*	*7.18*	0.04	11.01
120.0	*6.43*	*5.37*	5.57	6.24	*3.83*	*7.97*	0.22	11.59
130.0	*6.65*	*5.85*	5.85	6.65	*4.24*	*8.26*	0.80	11.69
140.0	*6.68*	*6.46*	5.94	7.20	*4.43*	*8.71*	1.17	11.97
150.0	*6.52*	*7.22*	5.84	7.91	*4.42*	*9.32*	1.32	12.42
160.0	*6.74*	*7.57*	6.10	8.20	*4.78*	*9.52*	1.83	12.47
170.0	*6.74*	*8.09*	6.14	8.68	*4.89*	*9.93*	2.08	12.75
180.0	*6.60*	*8.72*	6.04	9.28	*4.86*	*10.46*	2.17	13.15
190.0	*6.56*	*9.24*	6.03	9.76	*4.92*	*10.88*	2.34	13.45
200.0	*6.69*	*9.55*	6.19	10.05	*5.13*	*11.11*	2.66	13.58
210.0	*6.79*	*9.88*	6.32	10.34	*5.32*	*11.35*	2.96	13.71
220.0	*6.79*	*10.28*	6.35	10.72	*5.39*	*11.68*	3.12	13.94
230.0	*6.81*	*10.65*	6.39	11.07	*5.47*	*11.98*	3.29	14.17
240.0	*6.81*	*11.02*	6.41	11.42	*5.53*	*12.29*	3.43	14.39
250.0	*6.81*	*11.37*	6.43	11.75	*5.60*	*12.58*	3.58	14.60
260.0	*6.75*	*11.77*	6.38	12.14	*5.59*	*12.93*	3.64	14.88
270.0	*6.72*	*12.12*	6.37	12.48	*5.61*	*13.24*	3.74	15.11
280.0	*6.71*	*12.45*	6.37	12.79	*5.64*	*13.53*	3.82	15.34
290.0	*6.66*	*12.81*	6.34	13.13	*5.64*	*13.83*	3.89	15.57
300.0	*6.63*	*13.13*	6.32	13.44	*5.65*	*14.12*	3.96	15.80
325.0	*6.59*	*13.87*	6.31	14.15	*5.70*	*14.76*	4.15	16.31
350.0	*6.65*	*14.46*	6.40	14.70	*5.84*	*15.27*	4.40	16.70
375.0	*6.55*	*15.15*	6.32	15.38	*5.80*	*15.90*	4.47	17.23
400.0	*6.62*	*15.64*	6.41	15.85	*5.94*	*16.32*	4.72	17.54
425.0	*6.58*	*16.21*	6.39	16.40	*5.95*	*16.84*	4.82	17.97
450.0	*6.51*	*16.78*	6.33	16.95	*5.92*	*17.36*	4.85	18.43
475.0	*6.42*	*17.33*	6.26	17.50	*5.89*	*17.87*	4.91	18.84
500.0	*6.43*	*17.77*	6.28	17.92	*5.94*	*18.26*	5.03	19.17
550.0	*6.55*	*18.47*	6.42	18.61	*6.13*	*18.90*	5.34	19.69
600.0	*6.36*	*19.43*	6.25	19.54	*5.99*	*19.79*	5.30	20.48
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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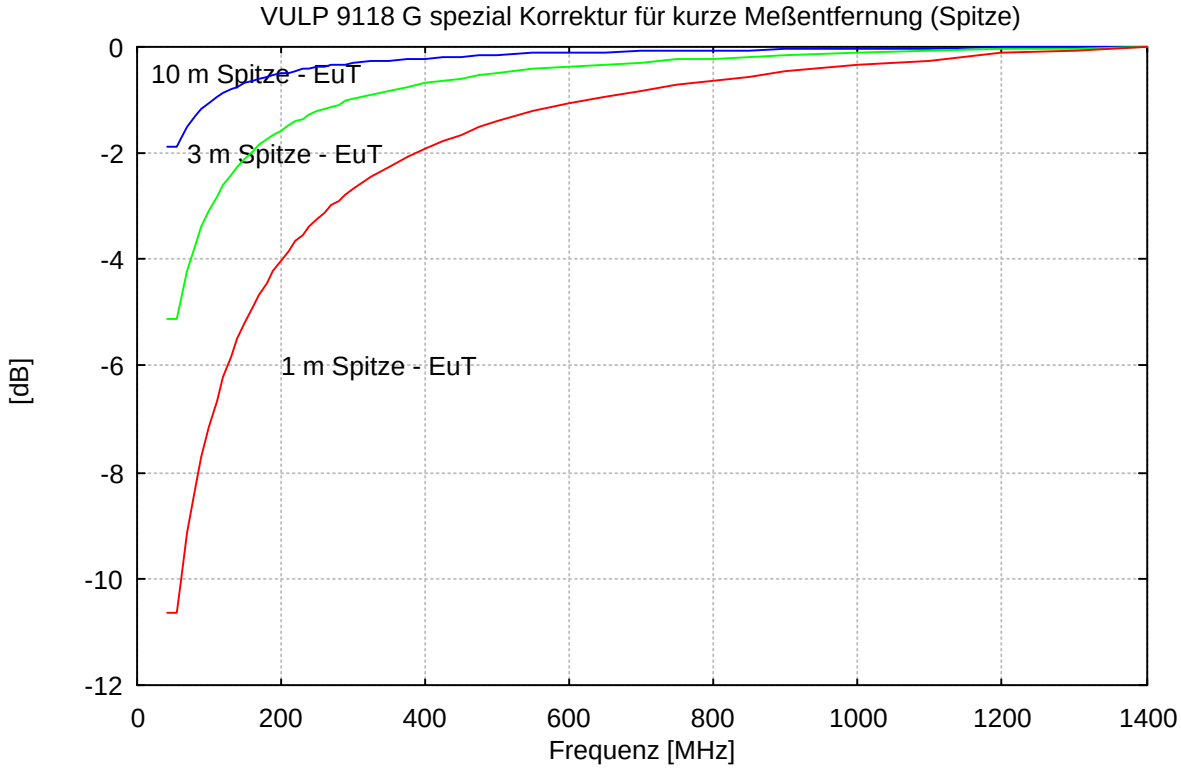
Correction for Short Measuring Distance

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	***dBi***	***dB/m***	**dBi**	**dB/m**	***dBi***	***dB/m***	**dBi**	**dB/m**
600.0	*6.36*	*19.43*	6.25	19.54	*5.99*	*19.79*	5.30	20.48
650.0	*6.39*	*20.08*	6.29	20.19	*6.06*	*20.42*	5.44	21.03
700.0	*6.41*	*20.71*	6.32	20.80	*6.13*	*21.00*	5.58	21.54
750.0	*6.52*	*21.20*	6.45	21.27	*6.28*	*21.44*	5.81	21.91
800.0	*6.18*	*22.10*	6.12	22.17	*5.97*	*22.32*	5.55	22.73
850.0	*6.34*	*22.47*	6.28	22.52	*6.15*	*22.65*	5.79	23.02
900.0	*6.30*	*23.00*	6.25	23.05	*6.14*	*23.16*	5.83	23.47
1000.0	*6.15*	*24.07*	6.12	24.10	*6.03*	*24.19*	5.81	24.41
1100.0	*5.72*	*25.32*	5.69	25.35	*5.63*	*25.41*	5.46	25.58
1200.0	*5.46*	*26.34*	5.45	26.36	*5.42*	*26.39*	5.33	26.47
1300.0	*5.28*	*27.22*	5.27	27.23	*5.25*	*27.25*	5.19	27.31
1400.0	*4.57*	*28.57*	4.57	28.57	*4.57*	*28.57*	4.57	28.57
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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Correction for Short Measuring Distance

Frequency	***Gain (Iso.)***	***Ant.-Fact k***	**gi (10 m)**	**k (10m)**	***gi (3m)***	***k (3m)***
Frequenz	***Gewinn***	***Ant. Faktor***	**gi (10 m)**	**k (10m)**	***gi (3m)***	***k (3m)***
MHz	***dBi***	***dB/m***	**dBi**	**dB/m**	***dBi***	***dB/m***
42.0	*-3.78*	*6.46*	-4.77	7.45	*-6.71*	*9.40*
45.0	*0.47*	*2.81*	-0.52	3.80	*-2.46*	*5.75*
50.0	*2.14*	*2.06*	1.15	3.05	*-0.79*	*4.99*
55.0	*3.96*	*1.07*	2.97	2.06	*1.03*	*4.00*
60.0	*5.41*	*0.37*	4.59	1.20	*2.92*	*2.86*
70.0	*5.78*	*1.34*	5.22	1.91	*4.03*	*3.09*
80.0	*6.42*	*1.86*	6.06	2.22	*5.27*	*3.01*
90.0	*6.22*	*3.09*	6.02	3.29	*5.56*	*3.74*
100.0	*6.32*	*3.90*	6.25	3.97	*6.09*	*4.13*
110.0	*6.69*	*4.36*	6.73	4.32	*6.82*	*4.23*
120.0	*6.43*	*5.37*	6.56	5.24	*6.88*	*4.93*
130.0	*6.65*	*5.85*	6.86	5.64	*7.36*	*5.14*
140.0	*6.68*	*6.46*	6.95	6.19	*7.63*	*5.52*
150.0	*6.52*	*7.22*	6.85	6.89	*7.68*	*6.06*
160.0	*6.74*	*7.57*	7.13	7.18	*8.10*	*6.20*
170.0	*6.74*	*8.09*	7.17	7.66	*8.27*	*6.56*
180.0	*6.60*	*8.72*	7.07	8.25	*8.29*	*7.04*
190.0	*6.56*	*9.24*	7.07	8.73	*8.39*	*7.40*
200.0	*6.69*	*9.55*	7.23	9.01	*8.65*	*7.59*
210.0	*6.79*	*9.88*	7.36	9.30	*8.87*	*7.79*
220.0	*6.79*	*10.28*	7.39	9.68	*8.99*	*8.08*
230.0	*6.81*	*10.65*	7.44	10.02	*9.10*	*8.36*
240.0	*6.81*	*11.02*	7.46	10.37	*9.19*	*8.63*
250.0	*6.81*	*11.37*	7.48	10.70	*9.29*	*8.89*
260.0	*6.75*	*11.77*	7.44	11.08	*9.31*	*9.21*
270.0	*6.72*	*12.12*	7.43	11.42	*9.35*	*9.49*
280.0	*6.71*	*12.45*	7.43	11.73	*9.40*	*9.76*
290.0	*6.66*	*12.81*	7.40	12.06	*9.43*	*10.03*
300.0	*6.63*	*13.13*	7.39	12.38	*9.46*	*10.30*
325.0	*6.59*	*13.87*	7.38	13.08	*9.56*	*10.89*
350.0	*6.65*	*14.46*	7.47	13.63	*9.75*	*11.35*
375.0	*6.55*	*15.15*	7.39	14.31	*9.75*	*11.95*
400.0	*6.62*	*15.64*	7.49	14.77	*9.93*	*12.33*
425.0	*6.58*	*16.21*	7.47	15.32	*9.97*	*12.82*
450.0	*6.51*	*16.78*	7.41	15.87	*9.97*	*13.32*
475.0	*6.42*	*17.33*	7.34	16.41	*9.96*	*13.79*
500.0	*6.43*	*17.77*	7.36	16.83	*10.04*	*14.16*
550.0	*6.55*	*18.47*	7.51	17.52	*10.27*	*14.76*
600.0	*6.36*	*19.43*	7.34	18.44	*10.17*	*15.61*
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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Frequency	***Gain (Iso.)***	***Ant.-Fact k***	**gi (10 m)**	**k (10m)**	***gi (3m)***	***k (3m)***
Frequenz	***Gewinn***	***Ant.Faktor***	**gi (10 m)**	**k (10m)**	***gi (3m)***	***k (3m)***
MHz	***dBi***	***dB/m***	**dBi**	**dB/m**	***dBi***	***dB/m***
600.0	*6.36*	*19.43*	7.34	18.44	*10.17*	*15.61*
650.0	*6.39*	*20.08*	7.38	19.10	*10.27*	*16.21*
700.0	*6.41*	*20.71*	7.42	19.70	*10.35*	*16.77*
750.0	*6.52*	*21.20*	7.54	20.18	*10.53*	*17.19*
800.0	*6.18*	*22.10*	7.21	21.07	*10.24*	*18.04*
850.0	*6.34*	*22.47*	7.38	21.43	*10.45*	*18.36*
900.0	*6.30*	*23.00*	7.35	21.95	*10.45*	*18.85*
1000.0	*6.15*	*24.07*	7.22	23.00	*10.37*	*19.85*
1100.0	*5.72*	*25.32*	6.80	24.25	*9.99*	*21.06*
1200.0	*5.46*	*26.34*	6.55	25.25	*9.80*	*22.00*
1300.0	*5.28*	*27.22*	6.38	26.12	*9.64*	*22.85*
1400.0	*4.57*	*28.57*	5.68	27.47	*8.98*	*24.16*
Bezugs-punkt:	***Strahlungs-zone***	***Strahlungs-zone***	**Mitte der Log. - Per. Struktur**			
Reference Point:	***Radiating Zone***	***Radiating Zone***	**Center of Log. - Per. Structure**