SCHWARZBECK MESS - ELEKTRONIK

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

VULP 9118 E-'High Power' Korrekturdaten für kurze Entfernung Spitze-Prüfling
VULP 9118 E-'High Power' Correction for Short 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
60.0	*3.08*	*2.70*	1.66	4.12	*-0.95*	*6.74*	-5.78	11.56
65.0	*2.66*	*3.82*	1.24	5.24	*-1.38*	*7.86*	-6.21	12.68
70.0	*3.28*	*3.85*	1.86	5.26	*-0.76*	*7.88*	-5.59	12.71
75.0	*4.59*	*3.13*	3.17	4.55	*0.55*	*7.17*	-4.28	12.00
80.0	*5.22*	*3.07*	3.85	4.43	*1.31*	*6.97*	-3.43	11.71
85.0	*5.71*	*3.10*	4.42	4.38	*2.00*	*6.81*	-2.59	11.39
90.0	*5.85*	*3.45*	4.63	4.67	*2.32*	*6.99*	-2.13	11.43
95.0	*5.90*	*3.87*	4.75	5.03	*2.53*	*7.24*	-1.78	11.55
100.0	*5.70*	*4.52*	4.61	5.61	*2.49*	*7.73*	-1.70	11.92
110.0	*5.51*	*5.53*	4.52	6.52	*2.57*	*8.48*	-1.37	12.42
120.0	*5.40*	*6.40*	4.49	7.31	*2.69*	*9.12*	-1.04	12.85
130.0	*6.30*	*6.19*	5.47	7.03	*3.78*	*8.71*	0.24	12.26
140.0	*6.77*	*6.37*	6.00	7.14	*4.42*	*8.72*	1.06	12.08
150.0	*7.19*	*6.56*	6.47	7.27	*5.00*	*8.74*	1.80	11.95
160.0	*7.08*	*7.22*	6.41	7.89	*5.03*	*9.27*	1.98	12.32
170.0	*7.39*	*7.44*	6.76	8.07	*5.46*	*9.37*	2.55	12.28
180.0	*7.06*	*8.26*	6.47	8.85	*5.24*	*10.09*	2.45	12.87
190.0	*7.22*	*8.57*	6.67	9.12	*5.51*	*10.29*	2.85	12.95
200.0	*7.03*	*9.21*	6.50	9.74	*5.39*	*10.85*	2.84	13.40
220.0	*6.78*	*10.29*	6.31	10.76	*5.31*	*11.76*	2.95	14.12
240.0	*6.67*	*11.15*	6.25	11.58	*5.33*	*12.49*	3.15	14.67
260.0	*6.35*	*12.17*	5.97	12.55	*5.13*	*13.39*	3.12	15.40
280.0	*6.70*	*12.47*	6.35	12.82	*5.58*	*13.58*	3.71	15.45
300.0	*7.01*	*12.75*	6.69	13.07	*5.98*	*13.78*	4.22	15.55
325.0	*7.00*	*13.46*	6.71	13.75	*6.06*	*14.39*	4.45	16.00
350.0	*6.84*	*14.26*	6.57	14.53	*5.98*	*15.12*	4.49	16.61
375.0	*6.90*	*14.80*	6.66	15.04	*6.13*	*15.57*	4.76	16.94
400.0	*6.84*	*15.42*	6.62	15.64	*6.13*	*16.13*	4.87	17.39
425.0	*6.55*	*16.24*	6.35	16.44	*5.90*	*16.89*	4.72	18.07
450.0	*6.75*	*16.53*	6.57	16.72	*6.15*	*17.13*	5.06	18.22
475.0	*6.76*	*16.99*	6.59	17.16	*6.20*	*17.55*	5.18	18.57
500.0	*6.85*	*17.35*	6.69	17.51	*6.33*	*17.87*	5.37	18.83
550.0	*6.89*	*18.14*	6.75	18.27	*6.44*	*18.59*	5.60	19.42
600.0	*6.63*	*19.15*	6.51	19.27	*6.25*	*19.54*	5.53	20.25
650.0	*6.84*	*19.64*	6.74	19.74	*6.50*	*19.98*	5.86	20.62
700.0	*6.89*	*20.23*	6.80	20.32	*6.60*	*20.52*	6.06	21.06
750.0	*6.78*	*20.94*	6.71	21.01	*6.53*	*21.19*	6.04	21.68
800.0	*6.77*	*21.51*	6.71	21.58	*6.56*	*21.72*	6.14	22.14
850.0	*6.99*	*21.82*	6.93	21.88	*6.80*	*22.01*	6.44	22.37
900.0	*6.28*	*23.03*	6.23	23.07	*6.12*	*23.18*	5.81	23.49
950.0	*6.76*	*23.01*	6.72	23.06	*6.62*	*23.16*	6.34	23.44
1000.0	*6.99*	*23.23*	6.95	23.27	*6.87*	*23.35*	6.65	23.57
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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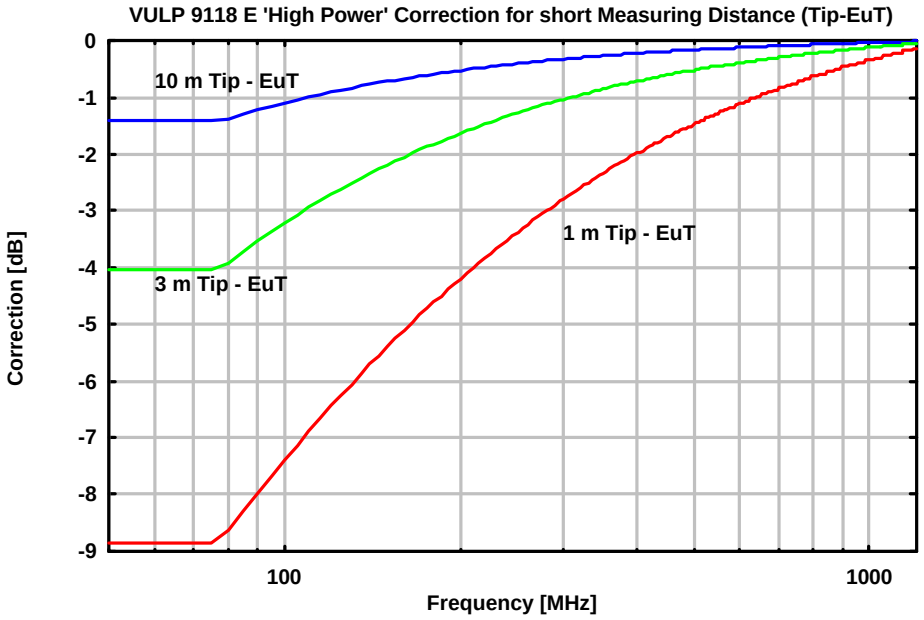
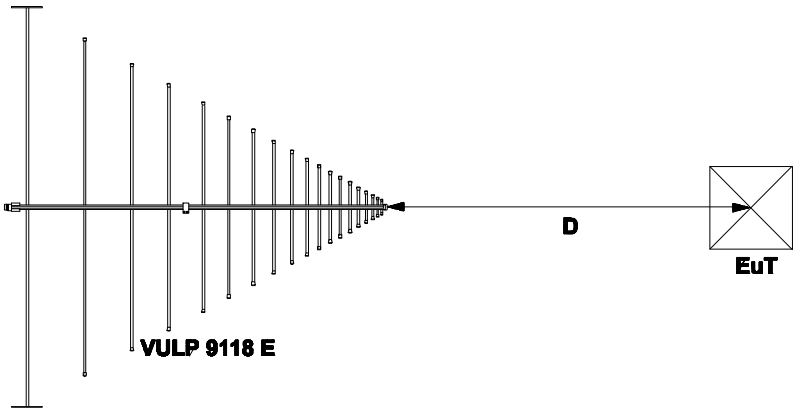
VULP 9118 E-'High Power' Korrekturdaten für kurze Entfernung Spitze-Prüfling

VULP 9118 E-'High Power' Correction for Short 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
1100.0	*6.22*	*24.83*	6.20	24.85	*6.15*	*24.90*	6.01	25.04
1200.0	*6.15*	*25.65*	6.14	25.66	*6.11*	*25.69*	6.02	25.78
1300.0	*6.18*	*26.32*	6.17	26.33	*6.16*	*26.34*	6.13	26.37
1400.0	*5.95*	*27.19*	5.95	27.19	*5.95*	*27.19*	5.95	27.19
1500.0	*5.82*	*27.92*	5.83	27.91	*5.85*	*27.89*	5.91	27.83
1600.0	*4.68*	*29.62*	4.70	29.61	*4.73*	*29.58*	4.81	29.49
1700.0	*4.65*	*30.18*	4.66	30.16	*4.70*	*30.12*	4.82	30.01
1800.0	*4.57*	*30.75*	4.59	30.73	*4.64*	*30.68*	4.79	30.53
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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VULP 9118 E-'High Power' Korrekturdaten für kurze Entfernung Mitte-Prüfling
VULP 9118 E-'High Power' Correction for Short Distance Center-EuT

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*
60.0	*3.08*	*2.70*	2.36	3.42	*0.88*	*4.90*
65.0	*2.66*	*3.82*	1.94	4.54	*0.46*	*6.02*
70.0	*3.28*	*3.85*	2.56	4.57	*1.08*	*6.05*
75.0	*4.59*	*3.13*	3.87	3.85	*2.39*	*5.33*
80.0	*5.22*	*3.07*	4.55	3.73	*3.17*	*5.11*
85.0	*5.71*	*3.10*	5.13	3.67	*3.92*	*4.89*
90.0	*5.85*	*3.45*	5.35	3.96	*4.28*	*5.03*
95.0	*5.90*	*3.87*	5.47	4.31	*4.54*	*5.24*
100.0	*5.70*	*4.52*	5.33	4.89	*4.53*	*5.69*
110.0	*5.51*	*5.53*	5.26	5.79	*4.69*	*6.36*
120.0	*5.40*	*6.40*	5.24	6.57	*4.87*	*6.94*
130.0	*6.30*	*6.19*	6.22	6.28	*6.02*	*6.48*
140.0	*6.77*	*6.37*	6.75	6.39	*6.71*	*6.43*
150.0	*7.19*	*6.56*	7.23	6.51	*7.33*	*6.41*
160.0	*7.08*	*7.22*	7.18	7.12	*7.41*	*6.89*
170.0	*7.39*	*7.44*	7.53	7.30	*7.88*	*6.95*
180.0	*7.06*	*8.26*	7.25	8.08	*7.69*	*7.63*
190.0	*7.22*	*8.57*	7.45	8.35	*7.99*	*7.80*
200.0	*7.03*	*9.21*	7.28	8.96	*7.91*	*8.33*
220.0	*6.78*	*10.29*	7.09	9.97	*7.87*	*9.19*
240.0	*6.67*	*11.15*	7.04	10.79	*7.95*	*9.88*
260.0	*6.35*	*12.17*	6.76	11.76	*7.79*	*10.73*
280.0	*6.70*	*12.47*	7.14	12.02	*8.28*	*10.88*
300.0	*7.01*	*12.75*	7.49	12.27	*8.70*	*11.06*
325.0	*7.00*	*13.46*	7.51	12.95	*8.83*	*11.63*
350.0	*6.84*	*14.26*	7.38	13.73	*8.78*	*12.32*
375.0	*6.90*	*14.80*	7.47	14.23	*8.95*	*12.75*
400.0	*6.84*	*15.42*	7.43	14.83	*8.98*	*13.28*
425.0	*6.55*	*16.24*	7.16	15.63	*8.77*	*14.02*
450.0	*6.75*	*16.53*	7.38	15.91	*9.04*	*14.24*
475.0	*6.76*	*16.99*	7.40	16.35	*9.11*	*14.64*
500.0	*6.85*	*17.35*	7.50	16.70	*9.25*	*14.95*
550.0	*6.89*	*18.14*	7.57	17.46	*9.39*	*15.64*
600.0	*6.63*	*19.15*	7.33	18.45	*9.23*	*16.56*
650.0	*6.84*	*19.64*	7.56	18.92	*9.50*	*16.98*
700.0	*6.89*	*20.23*	7.62	19.50	*9.62*	*17.50*
750.0	*6.78*	*20.94*	7.53	20.19	*9.56*	*18.16*
800.0	*6.77*	*21.51*	7.53	20.75	*9.60*	*18.68*
850.0	*6.99*	*21.82*	7.75	21.05	*9.86*	*18.95*
900.0	*6.28*	*23.03*	7.05	22.25	*9.19*	*20.11*
950.0	*6.76*	*23.01*	7.54	22.23	*9.70*	*20.08*
1000.0	*6.99*	*23.23*	7.78	22.44	*9.96*	*20.26*
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*
1100.0	*6.22*	*24.83*	7.02	24.02	*9.26*	*21.79*
1200.0	*6.15*	*25.65*	6.97	24.84	*9.23*	*22.57*
1300.0	*6.18*	*26.32*	7.00	25.50	*9.30*	*23.20*
1400.0	*5.95*	*27.19*	6.78	26.36	*9.09*	*24.05*
1500.0	*5.82*	*27.92*	6.66	27.08	*9.00*	*24.74*
1600.0	*4.68*	*29.62*	5.53	28.78	*7.89*	*26.42*
1700.0	*4.65*	*30.18*	5.49	29.33	*7.87*	*26.96*
1800.0	*4.57*	*30.75*	5.42	29.90	*7.82*	*27.51*
Bezugs-punkt:	***Strahlungs-zone***	***Strahlungs-zone***	**Mitte der Log. - Per. Struktur**			
Reference Point:	***Radiating Zone***	***Radiating Zone***	**Center of Log. - Per. Structure**