

SCHWARZBECK MESS - ELEKTRONIK

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

Log. - Per. Breitband-Antenne USLP 9143B

Log. - Per. Broadband Antenna USLP 9143B

Korrekturdaten für kurze Messentfernung (Antennenspitze-Prüfling)

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	dB	dB/m	dB	dB/m	dB	dB/m	dB	dB/m
180.0	3.27	12.06	2.74	12.58	1.63	13.70	-0.95	16.27
200.0	4.85	11.39	4.35	11.89	3.28	12.96	0.79	15.45
220.0	5.52	11.54	5.06	12.01	4.08	12.99	1.77	15.30
240.0	5.93	11.89	5.51	12.31	4.60	13.22	2.44	15.39
260.0	6.09	12.43	5.70	12.82	4.86	13.66	2.83	15.69
280.0	5.99	13.18	5.63	13.53	4.84	14.32	2.91	16.25
300.0	5.81	13.96	5.47	14.29	4.74	15.03	2.92	16.84
320.0	5.83	14.49	5.51	14.81	4.82	15.50	3.10	17.23
340.0	5.80	15.05	5.50	15.35	4.84	16.01	3.19	17.66
360.0	5.89	15.46	5.61	15.74	4.98	16.36	3.41	17.93
380.0	6.14	15.68	5.87	15.95	5.27	16.54	3.76	18.05
400.0	6.25	16.02	5.99	16.27	5.42	16.84	3.97	18.29
500.0	6.61	17.59	6.40	17.80	5.94	18.26	4.74	19.46
600.0	6.69	19.09	6.52	19.27	6.13	19.65	5.11	20.68
700.0	6.93	20.19	6.78	20.34	6.45	20.67	5.57	21.56
800.0	6.45	21.83	6.32	21.96	6.03	22.26	5.24	23.05
900.0	6.90	22.40	6.78	22.52	6.52	22.79	5.80	23.50
1000.0	6.47	23.75	6.37	23.85	6.13	24.09	5.49	24.73
1200.0	6.46	25.34	6.37	25.43	6.18	25.63	5.63	26.17
1400.0	6.81	26.34	6.74	26.41	6.57	26.58	6.10	27.04
1600.0	6.87	27.43	6.81	27.50	6.66	27.65	6.24	28.06
1800.0	6.45	28.87	6.39	28.93	6.26	29.06	5.90	29.42
2000.0	6.24	30.00	6.19	30.05	6.07	30.17	5.73	30.51
2500.0	5.50	32.68	5.46	32.72	5.36	32.82	5.08	33.10
3000.0	5.74	34.03	5.71	34.06	5.62	34.14	5.40	34.36
3500.0	5.29	35.81	5.26	35.84	5.19	35.91	4.99	36.11
4000.0	5.05	37.21	5.02	37.24	4.96	37.30	4.79	37.47
4500.0	5.55	37.74	5.52	37.76	5.46	37.82	5.29	37.99
5000.0	4.57	39.63	4.55	39.65	4.50	39.70	4.36	39.84
5500.0	5.35	39.67	5.33	39.70	5.28	39.75	5.14	39.89
6000.0	4.90	40.88	4.88	40.90	4.84	40.94	4.73	41.06
6500.0	5.33	41.14	5.31	41.17	5.27	41.21	5.16	41.32
7000.0	5.08	42.04	5.06	42.06	5.02	42.10	4.91	42.21
7500.0	4.63	43.09	4.62	43.10	4.59	43.13	4.50	43.22
8000.0	5.00	43.28	4.99	43.29	4.96	43.33	4.87	43.41
Bezugs- punkt	Strahlungszone		Spitze					
Reference Point	Radiation Zone		Tip					

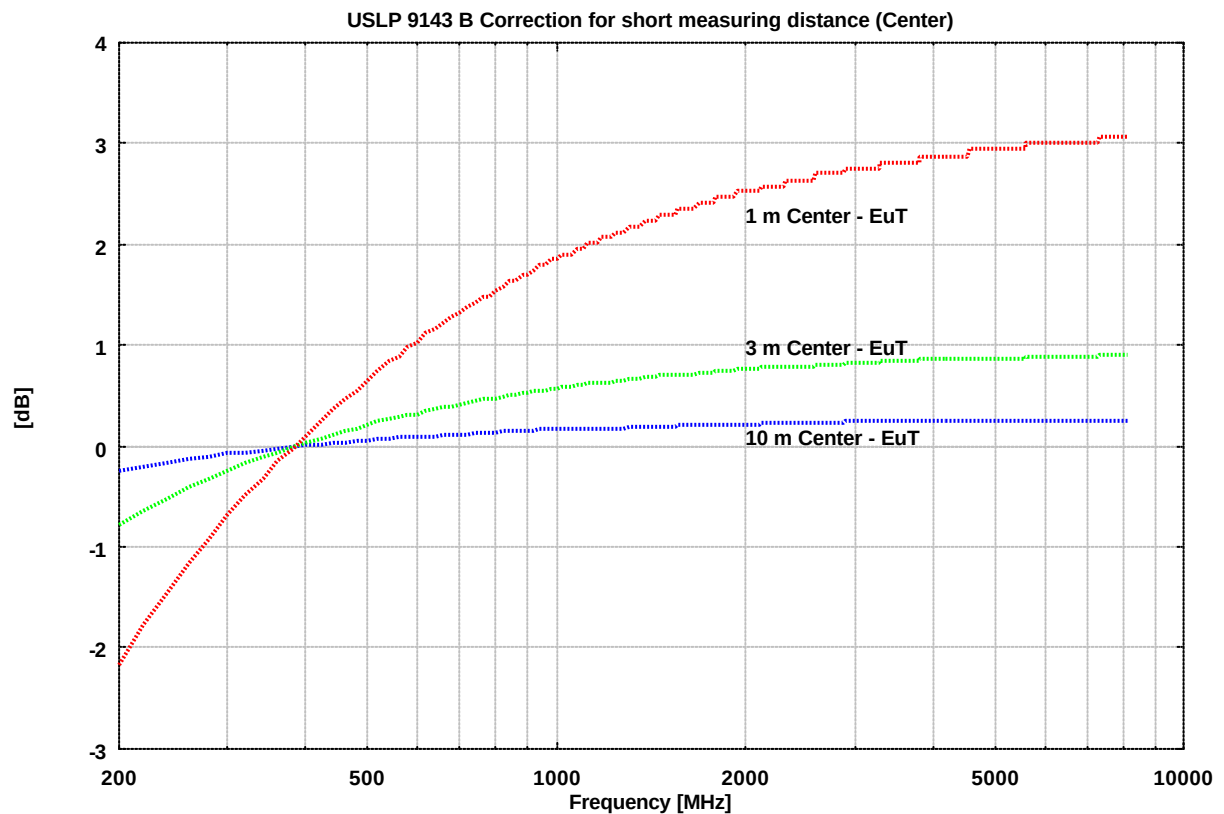
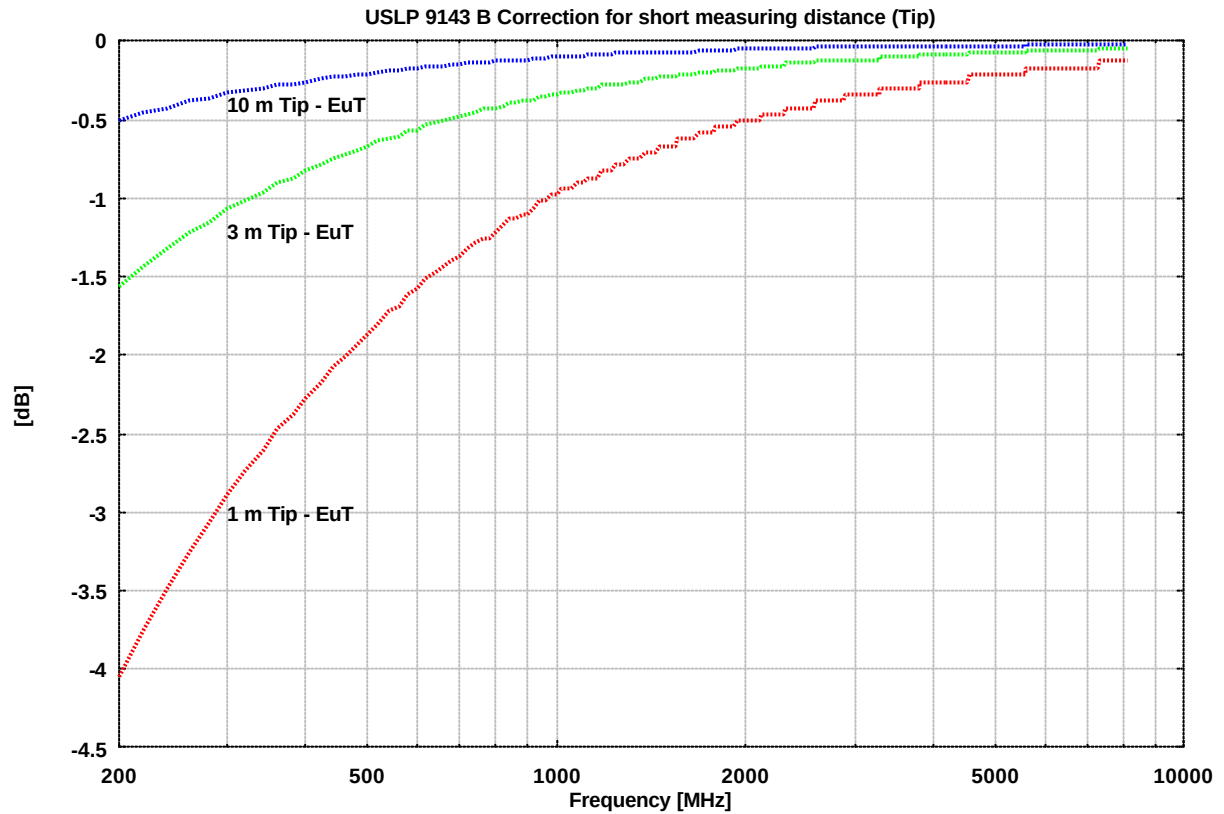
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Korrekturdaten für kurze Messentfernung
Correction Data for Short Measuring Distances



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Korrekturdaten für kurze Messentfernung (Antennenmitte-Prüfling)
Correction Data for Short Measuring Distances (Antenna 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	dB	dB/m	dB	dB/m	dB	dB/m	dB	dB/m
180.0	3.27	12.06	3.00	12.32	2.41	12.92	0.91	14.42
200.0	4.85	11.39	4.61	11.63	4.07	12.17	2.69	13.55
220.0	5.52	11.54	5.32	11.74	4.89	12.18	3.74	13.33
240.0	5.93	11.89	5.77	12.05	5.42	12.41	4.47	13.35
260.0	6.09	12.43	5.97	12.55	5.69	12.83	4.93	13.59
280.0	5.99	13.18	5.89	13.27	5.67	13.49	5.06	14.10
300.0	5.81	13.96	5.74	14.02	5.57	14.19	5.12	14.64
320.0	5.83	14.49	5.78	14.54	5.67	14.66	5.34	14.98
340.0	5.80	15.05	5.77	15.08	5.69	15.16	5.48	15.37
360.0	5.89	15.46	5.87	15.47	5.84	15.51	5.74	15.61
380.0	6.14	15.68	6.14	15.68	6.13	15.68	6.12	15.70
400.0	6.25	16.02	6.26	16.00	6.29	15.97	6.36	15.90
500.0	6.61	17.59	6.67	17.53	6.82	17.38	7.26	16.94
600.0	6.69	19.09	6.79	18.99	7.02	18.76	7.73	18.06
700.0	6.93	20.19	7.05	20.07	7.35	19.77	8.27	18.86
800.0	6.45	21.83	6.59	21.69	6.93	21.35	7.99	20.29
900.0	6.90	22.40	7.06	22.25	7.43	21.88	8.60	20.71
1000.0	6.47	23.75	6.64	23.58	7.05	23.17	8.33	21.89
1200.0	6.46	25.34	6.65	25.16	7.10	24.71	8.53	23.27
1400.0	6.81	26.34	7.01	26.13	7.49	25.65	9.05	24.09
1600.0	6.87	27.43	7.08	27.22	7.59	26.72	9.23	25.08
1800.0	6.45	28.87	6.67	28.66	7.20	28.13	8.92	26.41
2000.0	6.24	30.00	6.46	29.78	7.00	29.24	8.77	27.47
2500.0	5.50	32.68	5.73	32.45	6.30	31.88	8.14	30.03
3000.0	5.74	34.03	5.98	33.78	6.57	33.20	8.50	31.26
3500.0	5.29	35.81	5.53	35.57	6.13	34.97	8.11	32.99
4000.0	5.05	37.21	5.30	36.96	5.91	36.35	7.93	34.33
4500.0	5.55	37.74	5.80	37.49	6.41	36.88	8.43	34.85
5000.0	4.57	39.63	4.82	39.38	5.45	38.75	7.51	36.69
5500.0	5.35	39.67	5.60	39.42	6.23	38.80	8.29	36.73
6000.0	4.90	40.88	5.16	40.63	5.79	39.99	7.91	37.88
6500.0	5.33	41.14	5.59	40.89	6.22	40.26	8.34	38.14
7000.0	5.08	42.04	5.34	41.78	5.97	41.15	8.09	39.04
7500.0	4.63	43.09	4.89	42.83	5.54	42.18	7.70	40.02
8000.0	5.00	43.28	5.26	43.02	5.91	42.37	8.07	40.21
Bezugs- punkt	Strahlungszone		Mitte					
Reference Point	Radiation Zone		Center					