

SCHWARZBECK MESS - ELEKTRONIK

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

Logarithmisch Periodische Breitbandantenne VULP 9118 F

Logarithmic Periodic Broadband Antenna VULP 9118 F

55...1800 MHz, 1 kW

Calibrated Test Antenna, free-space calibration, far field, $D < \pm 0,7$ dB

Frequency	Distance	lambda	Atten. dB	Gain (Isotr)	Gain, dipole	Ant.-Fctr.
MHz	m	m	dB	dBi	dBd	dB/m
55.00	6.00	5.45	23.00	-0.09	-2.24	5.12
60.00	6.00	5.00	17.20	3.18	1.03	2.60
65.00	6.00	4.62	14.85	4.71	2.56	1.77
70.00	5.76	4.29	13.52	5.51	3.36	1.61
75.00	5.49	4.00	11.90	6.42	4.27	1.30
78.00	5.35	3.85	11.68	6.58	4.43	1.48
80.00	5.26	3.75	11.70	6.61	4.46	1.67
85.00	5.05	3.53	12.15	6.47	4.32	2.34
90.00	4.87	3.33	12.50	6.39	4.23	2.92
95.00	4.70	3.16	12.43	6.51	4.36	3.27
100.00	4.55	3.00	12.20	6.71	4.55	3.51
110.00	4.30	2.73	12.65	6.64	4.49	4.40
120.00	4.09	2.50	12.88	6.69	4.54	5.12
125.00	3.99	2.40	12.60	6.90	4.75	5.25
130.00	3.91	2.31	12.90	6.83	4.68	5.67
140.00	3.75	2.14	13.02	6.92	4.77	6.23
150.00	3.62	2.00	13.42	6.86	4.71	6.88
160.00	3.50	1.88	13.97	6.72	4.57	7.58
170.00	3.40	1.76	14.52	6.58	4.43	8.25
175.00	3.35	1.71	13.76	7.02	4.87	8.06
180.00	3.31	1.67	13.95	6.99	4.84	8.33
190.00	3.23	1.58	14.33	6.93	4.78	8.87
200.00	3.15	1.50	14.71	6.86	4.71	9.38
225.00	3.00	1.33	15.47	6.77	4.62	10.49
250.00	2.87	1.20	15.85	6.86	4.71	11.32
275.00	2.77	1.09	16.55	6.76	4.61	12.24
300.00	2.68	1.00	17.28	6.64	4.49	13.12
325.00	2.61	0.92	17.64	6.69	4.54	13.77
350.00	2.55	0.86	17.66	6.90	4.75	14.20
375.00	2.50	0.80	18.53	6.67	4.52	15.03
400.00	2.45	0.75	18.97	6.65	4.50	15.61
425.00	2.41	0.71	19.53	6.56	4.41	16.23
450.00	2.37	0.67	19.96	6.53	4.37	16.76
475.00	2.34	0.63	19.57	6.90	4.74	16.86
500.00	2.31	0.60	20.23	6.73	4.58	17.47
525.00	2.28	0.57	20.69	6.66	4.51	17.96
550.00	2.26	0.55	20.71	6.81	4.66	18.22
575.00	2.24	0.52	21.75	6.44	4.29	18.97
600.00	2.22	0.50	21.90	6.51	4.36	19.27
Frequency	Distance	lambda	Atten. dB	Gain (Isotr)	Gain, dipole	Ant.-Fctr.
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MHz	m	m	dB	dBi	dBd	dB/m
600.00	2.22	0.50	21.90	6.51	4.36	19.27
650.00	2.18	0.46	22.25	6.61	4.46	19.87
675.00	2.17	0.44	22.89	6.42	4.27	20.38
700.00	2.15	0.43	23.04	6.48	4.33	20.65
725.00	2.14	0.41	22.51	6.87	4.72	20.56
750.00	2.12	0.40	22.70	6.89	4.74	20.83
775.00	2.11	0.39	23.94	6.39	4.24	21.62
800.00	2.10	0.38	24.40	6.27	4.12	22.01
825.00	2.09	0.36	24.49	6.34	4.19	22.21
850.00	2.08	0.35	24.53	6.43	4.28	22.38
875.00	2.07	0.34	24.30	6.65	4.50	22.41
900.00	2.06	0.33	24.57	6.62	4.47	22.69
925.00	2.05	0.32	25.31	6.35	4.20	23.19
950.00	2.04	0.32	25.79	6.21	4.06	23.56
975.00	2.04	0.31	25.39	6.51	4.36	23.49
1000.00	2.03	0.30	25.65	6.47	4.32	23.75
1050.00	2.02	0.29	25.75	6.60	4.45	24.04
1100.00	2.00	0.27	27.44	5.93	3.78	25.11
1150.00	1.99	0.26	28.50	5.57	3.42	25.86
1200.00	1.98	0.25	27.91	6.03	3.88	25.77
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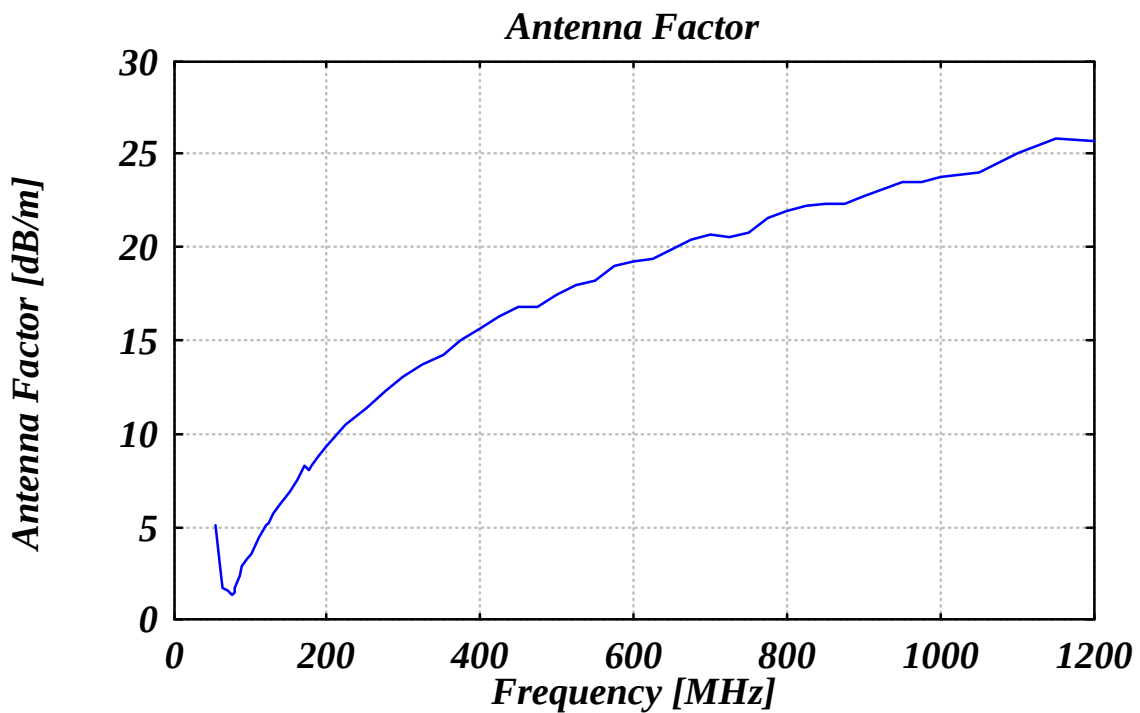
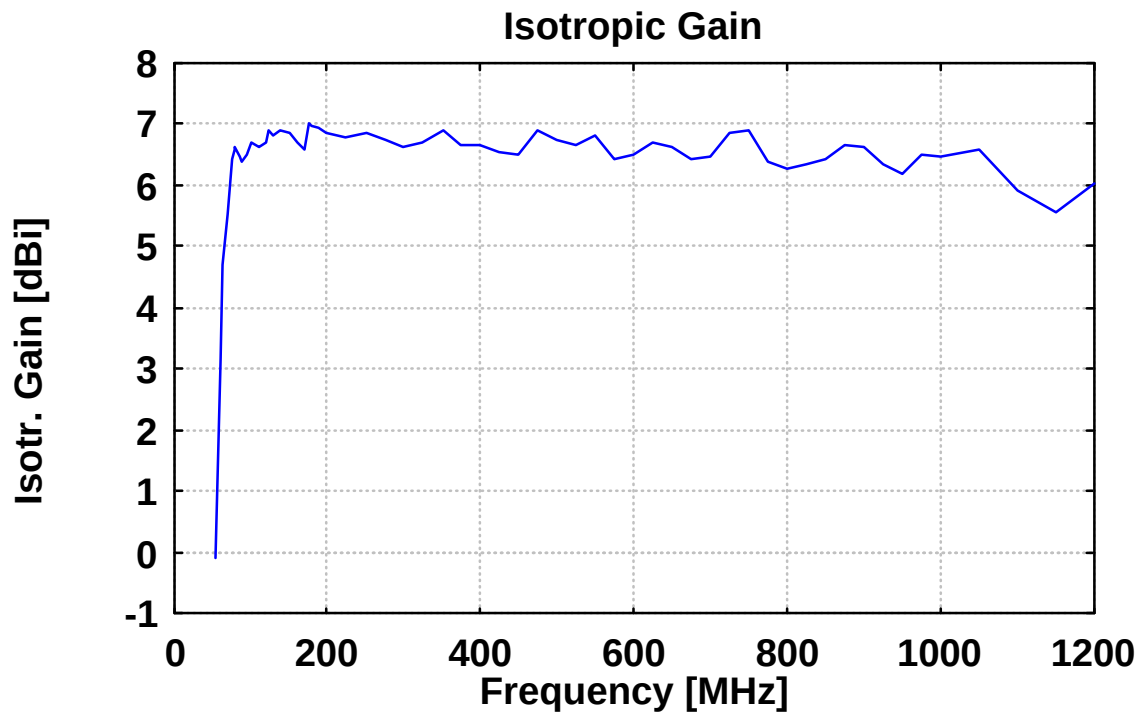
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