SCHWARZBECK MESS - ELEKTRONIK

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

VULB 9160 TRILOG Breitbandantenne

VULB 9160 TRILOG Broad Band Antenna

10 W, 25 MHz...2GHz

Frequency	Distance	lambda	Atten. dB	Gain(Iso)	Gain,dipol	Ant.-Fctr.
MHz	m	m	dB	dBi	dBd	dB/m
25.00	4.30	12.00	39.60	-13.27	-15.42	11.44
30.00	4.30	10.00	37.20	-11.27	-13.42	11.04
35.00	4.30	8.57	36.80	-10.40	-12.55	11.51
40.00	4.30	7.50	36.66	-9.75	-11.90	12.02
45.00	4.30	6.67	35.20	-8.51	-10.66	11.80
50.00	4.30	6.00	34.65	-7.78	-9.93	11.98
55.00	4.30	5.45	32.70	-6.39	-8.54	11.42
60.00	4.30	5.00	31.96	-5.64	-7.79	11.43
70.00	4.30	4.29	27.10	-2.54	-4.69	9.67
80.00	4.30	3.75	23.80	-0.31	-2.46	8.60
87.50	4.30	3.43	22.20	0.88	-1.28	8.18
90.00	4.30	3.33	22.50	0.85	-1.30	8.46
100.00	4.30	3.00	23.30	0.91	-1.25	9.31
110.00	4.30	2.73	24.70	0.62	-1.53	10.43
120.00	4.30	2.50	26.10	0.30	-1.85	11.51
125.00	4.30	2.40	25.90	0.57	-1.58	11.58
130.00	4.30	2.31	26.30	0.55	-1.61	11.95
140.00	4.30	2.14	26.74	0.65	-1.50	12.50
150.00	4.30	2.00	27.65	0.49	-1.66	13.25
160.00	4.30	1.88	27.84	0.68	-1.47	13.63
170.00	4.30	1.76	25.40	2.16	0.01	12.67
175.00	4.30	1.71	23.40	3.29	1.14	11.79
180.00	4.30	1.67	22.40	3.91	1.76	11.42
190.00	4.22	1.58	19.00	5.76	3.61	10.03
200.00	4.15	1.50	16.84	6.99	4.84	9.25
212.00	4.07	1.42	16.35	7.41	5.26	9.34
225.00	4.00	1.33	17.20	7.16	5.01	10.10
250.00	3.88	1.20	17.86	7.16	5.01	11.02
275.00	3.78	1.09	18.55	7.12	4.97	11.89
300.00	3.70	1.00	19.10	7.13	4.98	12.64
325.00	3.63	0.92	19.46	7.21	5.06	13.25
350.00	3.57	0.86	19.60	7.39	5.24	13.71
375.00	3.52	0.80	20.23	7.32	5.16	14.39
400.00	3.48	0.75	20.33	7.49	5.34	14.77
425.00	3.44	0.71	21.17	7.28	5.13	15.50
450.00	3.40	0.67	21.83	7.16	5.01	16.13
475.00	3.37	0.63	22.20	7.17	5.02	16.59
500.00	3.34	0.60	22.20	7.35	5.20	16.85
525.00	3.32	0.57	22.71	7.28	5.13	17.35
550.00	3.29	0.55	23.36	7.12	4.97	17.90
575.00	3.27	0.52	23.87	7.03	4.88	18.38
600.00	3.25	0.50	24.25	7.00	4.85	18.78

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Frequency	Distance	lambda	Atten. dB	Gain(Iso)	Gain,dipol	Ant.-Fctr.
MHz	m	m	dB	dBi	dBd	dB/m
600.00	3.25	0.50	24.25	7.00	4.85	18.78
625.00	3.24	0.48	25.25	6.65	4.50	19.48
650.00	3.22	0.46	25.13	6.86	4.71	19.62
675.00	3.20	0.44	25.17	6.99	4.84	19.82
700.00	3.19	0.43	25.25	7.08	4.93	20.04
750.00	3.16	0.40	26.80	6.57	4.42	21.15
800.00	3.14	0.38	27.10	6.67	4.52	21.61
850.00	3.12	0.35	27.50	6.71	4.56	22.10
900.00	3.10	0.33	27.80	6.78	4.63	22.52
950.00	3.09	0.32	28.84	6.48	4.32	23.30
1000.00	3.07	0.30	28.60	6.80	4.65	23.42
1050.00	3.06	0.29	29.00	6.79	4.64	23.85
1100.00	3.05	0.27	30.25	6.35	4.20	24.69
1150.00	3.04	0.26	31.10	6.11	3.95	25.33
1200.00	3.03	0.25	31.10	6.28	4.13	25.53
1250.00	3.02	0.24	30.95	6.52	4.37	25.64
1300.00	3.01	0.23	32.00	6.15	4.00	26.35
1350.00	3.00	0.22	33.55	5.53	3.38	27.30
1400.00	3.00	0.21	33.90	5.50	3.35	27.64
1450.00	2.99	0.21	33.60	5.79	3.64	27.65
1500.00	2.98	0.20	34.00	5.73	3.58	28.01
1550.00	2.98	0.19	36.00	4.86	2.71	29.16
1600.00	2.97	0.19	37.50	4.24	2.09	30.06
1650.00	2.97	0.18	39.10	3.57	1.42	31.00
1700.00	2.96	0.18	40.10	3.19	1.04	31.64
1750.00	2.96	0.17	39.00	3.86	1.71	31.22
1800.00	2.95	0.17	38.20	4.38	2.23	30.95
1850.00	2.95	0.16	37.60	4.79	2.64	30.77
1900.00	2.95	0.16	39.40	4.00	1.85	31.79
1950.00	2.94	0.15	42.80	2.41	0.26	33.61
2000.00	2.94	0.15	45.00	1.41	-0.74	34.83
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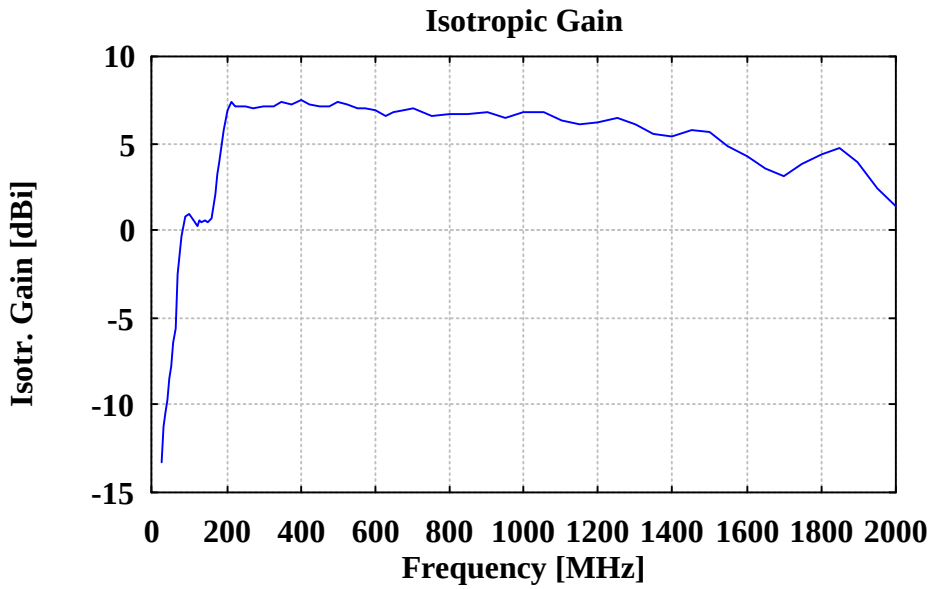

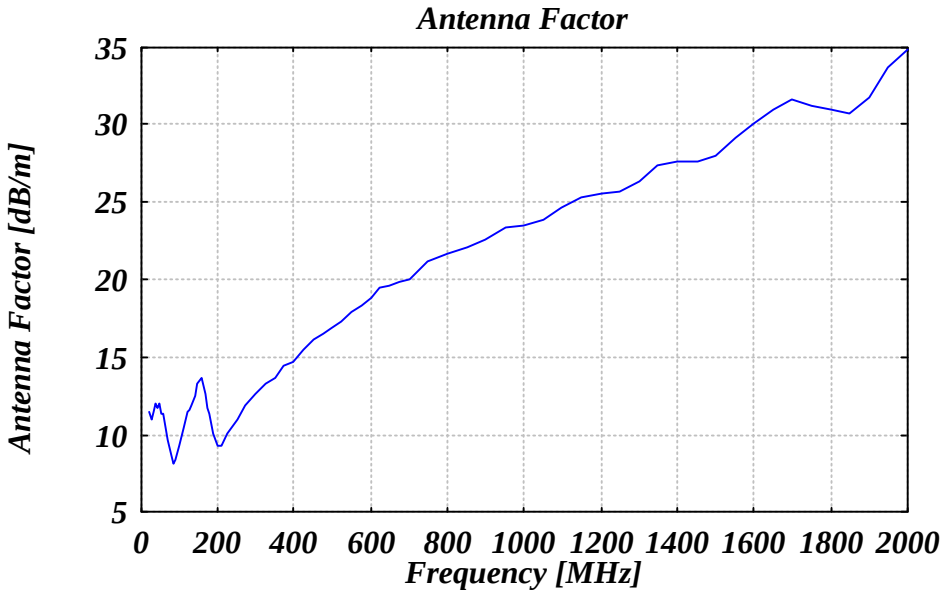

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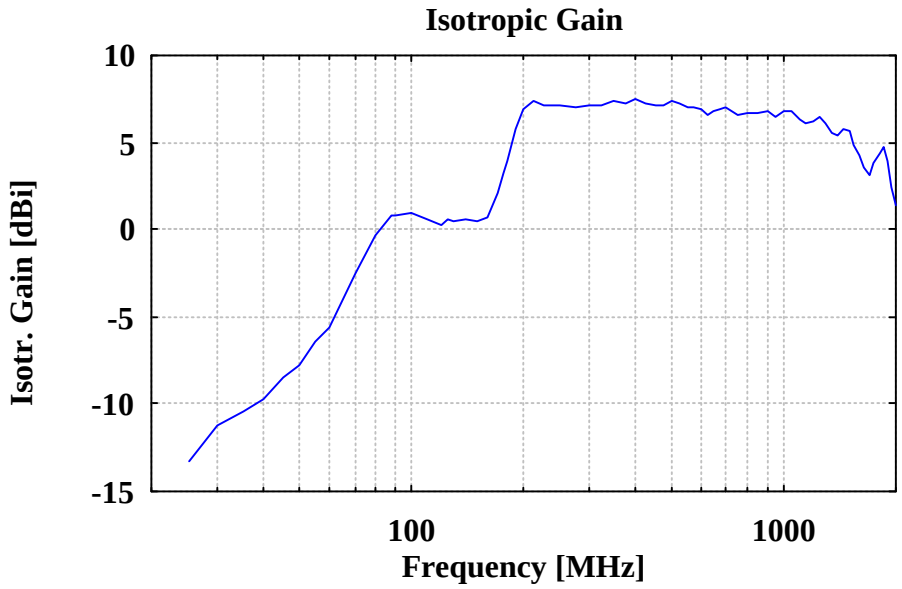

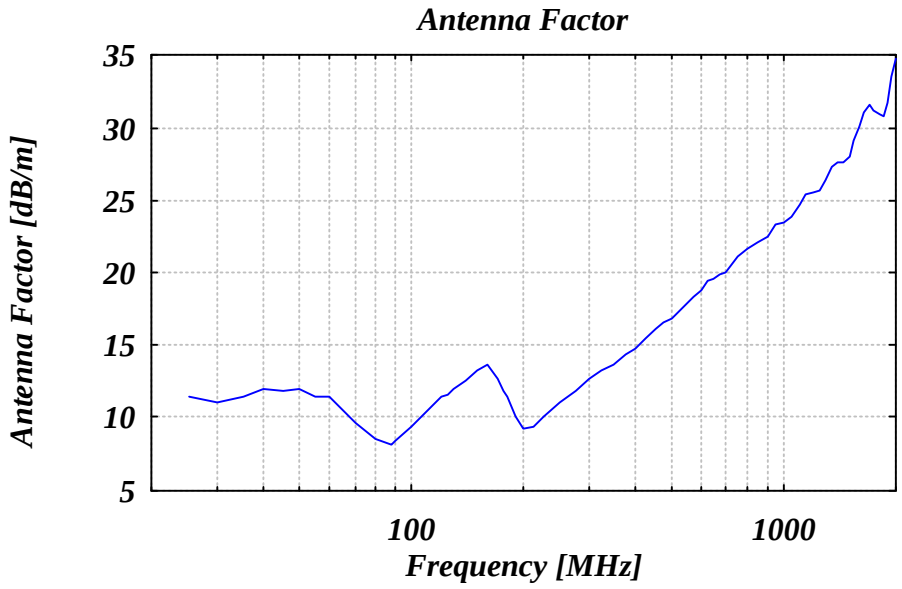

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