

SCHWARZBECK MESS - ELEKTRONIK

An der Klinge 29 D-69250 Schönau Tel.: 06228/1001
Fax.: (49)6228/1003 E-mail: schwarzbeck@t-online.de

Doppelsteg Breitband Hornantenne BBHA 9120 A Kalibrierdaten 1 m Vorderkante - Prüfling *Double Ridged Broadband Horn BBHA 9120 A Calibration Data 1 m Aperture EuT*

Frequency	Distance	Wavelength	Attenuation	Gain(Isotr.)	Gain(Dipole)	Ant.-Factor
Frequenz	Abstand	Wellenlänge	Dämpfung	Isotropgewinn	Gewinn über Dipol	Ant.-Wandlungsmaß
MHz	m	m	dB	dBi	dBd	dB/m
600.00	1.00	0.500	38.40	-5.20	-7.35	30.98
650.00	1.00	0.462	34.15	-2.73	-4.88	29.20
700.00	1.00	0.429	28.35	0.50	-1.65	26.62
750.00	1.00	0.400	24.20	2.87	0.72	24.85
800.00	1.00	0.375	22.01	4.25	2.10	24.03
850.00	1.00	0.353	20.30	5.37	3.22	23.44
900.00	1.00	0.333	20.23	5.65	3.50	23.66
950.00	1.00	0.316	19.58	6.21	4.06	23.56
1000.00	1.00	0.300	19.52	6.46	4.31	23.76
1050.00	1.00	0.286	18.54	7.16	5.01	23.48
1100.00	1.00	0.273	18.73	7.27	5.12	23.78
1150.00	1.00	0.261	18.72	7.47	5.32	23.96
1200.00	1.00	0.250	18.88	7.58	5.43	24.23
1250.00	1.00	0.240	19.47	7.46	5.31	24.70
1300.00	1.00	0.231	19.20	7.76	5.61	24.74
1350.00	1.00	0.222	19.34	7.86	5.71	24.97
1400.00	1.00	0.214	18.87	8.25	6.10	24.89
1450.00	1.00	0.207	18.96	8.36	6.21	25.09
1500.00	1.00	0.200	18.72	8.62	6.47	25.12
1550.00	1.00	0.194	18.98	8.64	6.49	25.39
1600.00	1.00	0.188	18.81	8.86	6.71	25.44
1650.00	1.00	0.182	18.60	9.10	6.95	25.47
1700.00	1.00	0.176	18.56	9.25	7.10	25.58
1750.00	1.00	0.171	18.00	9.65	7.50	25.43
1800.00	1.00	0.167	17.80	9.88	7.73	25.45
1850.00	1.00	0.162	17.59	10.10	7.95	25.46
1900.00	1.00	0.158	17.20	10.41	8.26	25.39
1950.00	1.00	0.154	17.33	10.46	8.31	25.56
2000.00	1.00	0.150	17.29	10.59	8.44	25.65
2050.00	1.00	0.146	18.02	10.33	8.18	26.12
2100.00	1.00	0.143	19.14	9.88	7.72	26.79
2150.00	1.00	0.140	21.22	8.94	6.79	27.93
2200.00	1.00	0.136	22.31	8.49	6.34	28.58
2250.00	1.00	0.133	22.85	8.32	6.17	28.94
2300.00	1.00	0.130	21.91	8.89	6.74	28.57
2350.00	1.00	0.128	21.99	8.94	6.79	28.70
2400.00	1.00	0.125	20.68	9.69	7.54	28.14
2450.00	1.00	0.122	20.85	9.69	7.54	28.31
2500.00	1.00	0.120	20.00	10.20	8.05	27.98
2550.00	1.00	0.118	19.93	10.32	8.17	28.03
2600.00	1.00	0.115	19.57	10.59	8.44	27.93
2650.00	1.00	0.113	19.51	10.70	8.55	27.98
2700.00	1.00	0.111	19.70	10.69	8.54	28.16
2750.00	1.00	0.109	20.12	10.56	8.41	28.45
2800.00	1.00	0.107	20.39	10.50	8.35	28.66
2850.00	1.00	0.105	21.11	10.22	8.07	29.10
2900.00	1.00	0.103	20.83	10.43	8.28	29.03
2950.00	1.00	0.102	21.57	10.14	7.99	29.48
3000.00	1.00	0.100	20.84	10.57	8.42	29.19
MHz	m	m	dB	dBi	dBd	dB/m

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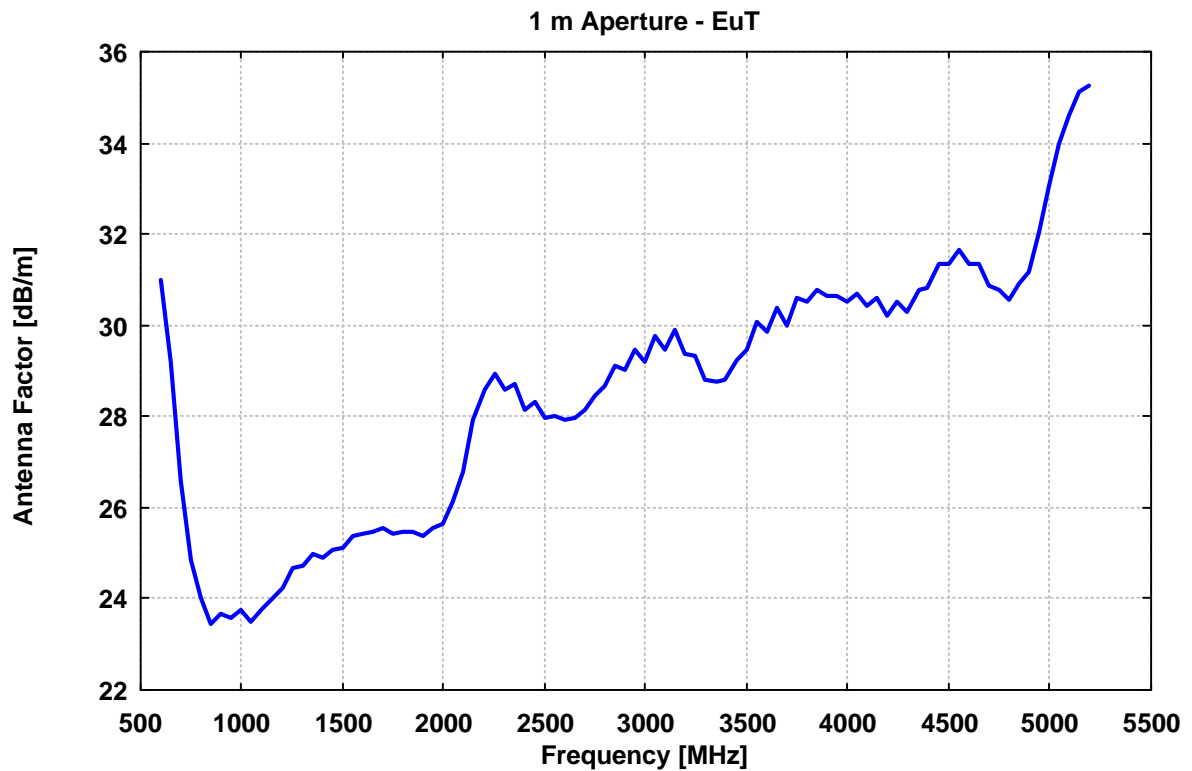
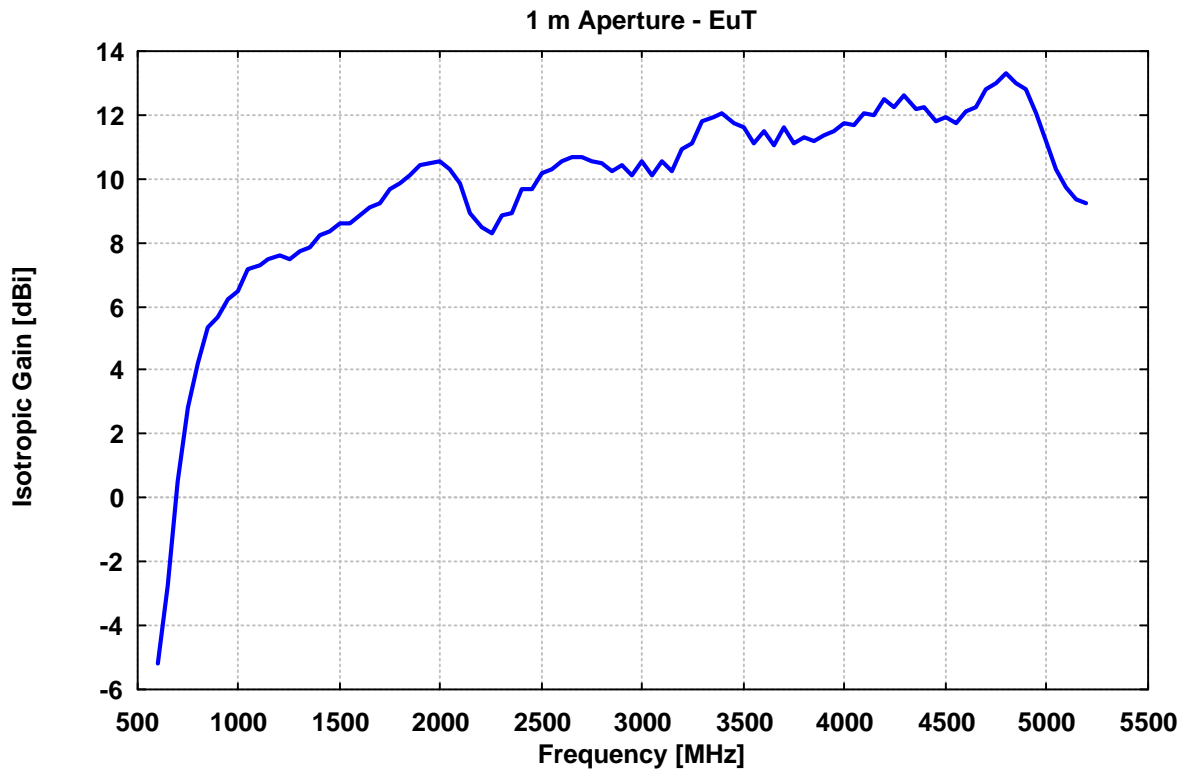
Doppelsteg Breitband Hornantenne BBHA 9120 A Kalibrierdaten 1 m Vorderkante - Prüfling *Double Ridged Broadband Horn BBHA 9120 A Calibration Data 1 m Aperture EuT*

Frequency	Distance	Wavelength	Attenuation	Gain(Isotr.)	Gain(Dipole)	Ant.-Factor
Frequenz	Abstand	Wellenlänge	Dämpfung	Isotrop-gewinn	Gewinn über Dipol	Ant.-Wand-lungsmaß
MHz	m	m	dB	dBi	dBd	dB/m
3050.00	1.00	0.098	21.85	10.14	7.99	29.76
3100.00	1.00	0.097	21.13	10.57	8.42	29.47
3150.00	1.00	0.095	21.89	10.26	8.11	29.92
3200.00	1.00	0.094	20.64	10.96	8.81	29.36
3250.00	1.00	0.092	20.39	11.15	9.00	29.31
3300.00	1.00	0.091	19.24	11.79	9.64	28.80
3350.00	1.00	0.090	19.04	11.96	9.81	28.76
3400.00	1.00	0.088	18.96	12.06	9.91	28.79
3450.00	1.00	0.087	19.73	11.74	9.59	29.24
3500.00	1.00	0.086	20.07	11.63	9.48	29.47
3550.00	1.00	0.085	21.16	11.15	8.99	30.08
3600.00	1.00	0.083	20.59	11.50	9.34	29.85
3650.00	1.00	0.082	21.56	11.07	8.92	30.40
3700.00	1.00	0.081	20.60	11.61	9.46	29.98
3750.00	1.00	0.080	21.72	11.11	8.96	30.59
3800.00	1.00	0.079	21.42	11.31	9.16	30.50
3850.00	1.00	0.078	21.84	11.16	9.01	30.77
3900.00	1.00	0.077	21.48	11.40	9.25	30.65
3950.00	1.00	0.076	21.43	11.48	9.33	30.67
4000.00	1.00	0.075	21.04	11.72	9.57	30.54
4050.00	1.00	0.074	21.25	11.68	9.52	30.69
4100.00	1.00	0.073	20.62	12.04	9.89	30.43
4150.00	1.00	0.072	20.82	12.00	9.85	30.58
4200.00	1.00	0.071	19.92	12.50	10.35	30.19
4250.00	1.00	0.071	20.52	12.25	10.10	30.54
4300.00	1.00	0.070	19.92	12.60	10.45	30.29
4350.00	1.00	0.069	20.82	12.20	10.05	30.79
4400.00	1.00	0.068	20.80	12.26	10.11	30.83
4450.00	1.00	0.067	21.77	11.82	9.67	31.37
4500.00	1.00	0.067	21.61	11.95	9.80	31.33
4550.00	1.00	0.066	22.17	11.72	9.57	31.66
4600.00	1.00	0.065	21.49	12.11	9.96	31.37
4650.00	1.00	0.065	21.34	12.23	10.08	31.34
4700.00	1.00	0.064	20.30	12.80	10.65	30.86
4750.00	1.00	0.063	20.01	12.99	10.84	30.77
4800.00	1.00	0.063	19.51	13.29	11.13	30.56
4850.00	1.00	0.062	20.10	13.03	10.88	30.90
4900.00	1.00	0.061	20.58	12.84	10.69	31.19
4950.00	1.00	0.061	22.19	12.08	9.92	32.04
5000.00	1.00	0.060	24.11	11.16	9.01	33.04
5050.00	1.00	0.059	25.88	10.32	8.17	33.97
5100.00	1.00	0.059	27.09	9.76	7.61	34.61
5150.00	1.00	0.058	28.00	9.34	7.19	35.11
5200.00	1.00	0.058	28.22	9.27	7.12	35.27
MHz	m	m	dB	dBi	dBd	dB/m

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Doppelsteg Breitband Hornantenne BBHA 9120 A Kalibrierdaten 3 m Vorderkante - Prüfling Double Ridged Broadband Horn BBHA 9120 A Calibration Data 3 m Aperture EuT

Frequency Frequenz	Distance Abstand	Wavelength Wellenlänge	Attenuation Dämpfung	Gain(Isotr.) Isotropgewinn	Gain(Dipole) Gewinn über Dipol	Ant.-Factor Ant.-Wandlungsmaß
MHz	m	m	dB	dBi	dBd	dB/m
600.00	3.00	0.500	47.64	-5.05	-7.20	30.83
650.00	3.00	0.462	43.68	-2.72	-4.87	29.20
700.00	3.00	0.429	37.86	0.51	-1.64	26.61
750.00	3.00	0.400	34.71	2.39	0.24	25.34
800.00	3.00	0.375	30.85	4.60	2.45	23.69
850.00	3.00	0.353	30.24	5.17	3.02	23.64
900.00	3.00	0.333	29.59	5.74	3.59	23.56
950.00	3.00	0.316	29.21	6.16	4.01	23.61
1000.00	3.00	0.300	28.95	6.52	4.37	23.70
1050.00	3.00	0.286	28.27	7.07	4.92	23.57
1100.00	3.00	0.273	27.61	7.60	5.45	23.45
1150.00	3.00	0.261	28.60	7.30	5.15	24.13
1200.00	3.00	0.250	27.99	7.79	5.64	24.01
1250.00	3.00	0.240	28.12	7.90	5.75	24.26
1300.00	3.00	0.231	29.07	7.60	5.45	24.90
1350.00	3.00	0.222	28.22	8.18	6.03	24.64
1400.00	3.00	0.214	28.38	8.26	6.11	24.88
1450.00	3.00	0.207	28.26	8.48	6.32	24.97
1500.00	3.00	0.200	27.56	8.97	6.82	24.77
1550.00	3.00	0.194	28.31	8.74	6.59	25.29
1600.00	3.00	0.188	28.15	8.96	6.81	25.34
1650.00	3.00	0.182	27.58	9.38	7.23	25.19
1700.00	3.00	0.176	28.06	9.27	7.12	25.56
1750.00	3.00	0.171	27.06	9.89	7.74	25.19
1800.00	3.00	0.167	26.75	10.17	8.02	25.15
1850.00	3.00	0.162	26.85	10.24	8.09	25.32
1900.00	3.00	0.158	26.14	10.71	8.56	25.08
1950.00	3.00	0.154	26.29	10.75	8.60	25.27
2000.00	3.00	0.150	26.51	10.75	8.60	25.49
2050.00	3.00	0.146	26.45	10.88	8.73	25.57
2100.00	3.00	0.143	28.00	10.22	8.06	26.45
2150.00	3.00	0.140	29.94	9.35	7.20	27.52
2200.00	3.00	0.136	30.59	9.12	6.97	27.95
2250.00	3.00	0.133	31.86	8.58	6.43	28.68
2300.00	3.00	0.130	31.01	9.11	6.96	28.35
2350.00	3.00	0.128	30.42	9.49	7.34	28.15
2400.00	3.00	0.125	30.12	9.74	7.58	28.09
2450.00	3.00	0.122	29.53	10.12	7.97	27.89
2500.00	3.00	0.120	29.19	10.38	8.23	27.80
2550.00	3.00	0.118	28.68	10.72	8.57	27.63
2600.00	3.00	0.115	28.63	10.83	8.68	27.69
2650.00	3.00	0.113	28.32	11.06	8.91	27.62
2700.00	3.00	0.111	28.65	10.98	8.83	27.86
2750.00	3.00	0.109	28.98	10.90	8.75	28.11
2800.00	3.00	0.107	29.37	10.78	8.63	28.38
2850.00	3.00	0.105	30.08	10.50	8.35	28.81
2900.00	3.00	0.103	29.95	10.64	8.49	28.83
2950.00	3.00	0.102	29.97	10.71	8.56	28.91
MHz	m	m	dB	dBi	dBd	dB/m

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Frequency	Distance	Wavelength	Attenuation	Gain(Isotr.)	Gain(Dipole)	Ant.-Factor
Frequenz	Abstand	Wellenlänge	Dämpfung	Isotropgewinn	Gewinn über Dipol	Ant.-Wandlungsmaß
MHz	m	m	dB	dBi	dBd	dB/m
3000.00	3.00	0.100	30.14	10.70	8.54	29.07
3050.00	3.00	0.098	29.85	10.91	8.76	28.99
3100.00	3.00	0.097	30.48	10.67	8.51	29.38
3150.00	3.00	0.095	29.98	10.98	8.83	29.20
3200.00	3.00	0.094	29.64	11.22	9.07	29.10
3250.00	3.00	0.092	29.27	11.48	9.33	28.98
3300.00	3.00	0.091	28.15	12.11	9.95	28.49
3350.00	3.00	0.090	27.77	12.36	10.21	28.36
3400.00	3.00	0.088	27.93	12.35	10.19	28.50
3450.00	3.00	0.087	28.03	12.36	10.21	28.62
3500.00	3.00	0.086	28.84	12.01	9.86	29.09
3550.00	3.00	0.085	29.33	11.83	9.68	29.40
3600.00	3.00	0.083	29.24	11.94	9.79	29.41
3650.00	3.00	0.082	29.68	11.78	9.63	29.69
3700.00	3.00	0.081	29.30	12.03	9.88	29.56
3750.00	3.00	0.080	29.56	11.95	9.80	29.75
3800.00	3.00	0.079	30.06	11.76	9.61	30.06
3850.00	3.00	0.078	29.67	12.01	9.86	29.92
3900.00	3.00	0.077	29.93	11.94	9.79	30.10
3950.00	3.00	0.076	29.95	11.98	9.83	30.17
4000.00	3.00	0.075	29.44	12.29	10.14	29.97
4050.00	3.00	0.074	29.64	12.25	10.10	30.12
4100.00	3.00	0.073	29.24	12.50	10.35	29.97
4150.00	3.00	0.072	28.95	12.70	10.55	29.88
4200.00	3.00	0.071	28.59	12.93	10.78	29.75
4250.00	3.00	0.071	28.43	13.06	10.91	29.73
4300.00	3.00	0.070	28.50	13.08	10.93	29.81
4350.00	3.00	0.069	28.63	13.06	10.91	29.93
4400.00	3.00	0.068	29.13	12.86	10.71	30.23
4450.00	3.00	0.067	29.66	12.65	10.49	30.54
4500.00	3.00	0.067	29.93	12.56	10.41	30.73
4550.00	3.00	0.066	30.05	12.55	10.40	30.83
4600.00	3.00	0.065	30.04	12.60	10.45	30.88
4650.00	3.00	0.065	29.51	12.91	10.76	30.66
4700.00	3.00	0.064	28.73	13.35	11.20	30.31
4750.00	3.00	0.063	28.30	13.61	11.46	30.14
4800.00	3.00	0.063	27.93	13.84	11.69	30.00
4850.00	3.00	0.062	28.08	13.81	11.66	30.12
4900.00	3.00	0.061	28.76	13.52	11.36	30.51
4950.00	3.00	0.061	29.87	13.01	10.85	31.11
5000.00	3.00	0.060	31.87	12.05	9.90	32.15
5050.00	3.00	0.059	33.47	11.29	9.14	33.00
5100.00	3.00	0.059	34.86	10.64	8.49	33.73
5150.00	3.00	0.058	35.67	10.27	8.12	34.18
5200.00	3.00	0.058	36.15	10.08	7.93	34.46
MHz	m	m	dB	dBi	dBd	dB/m

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