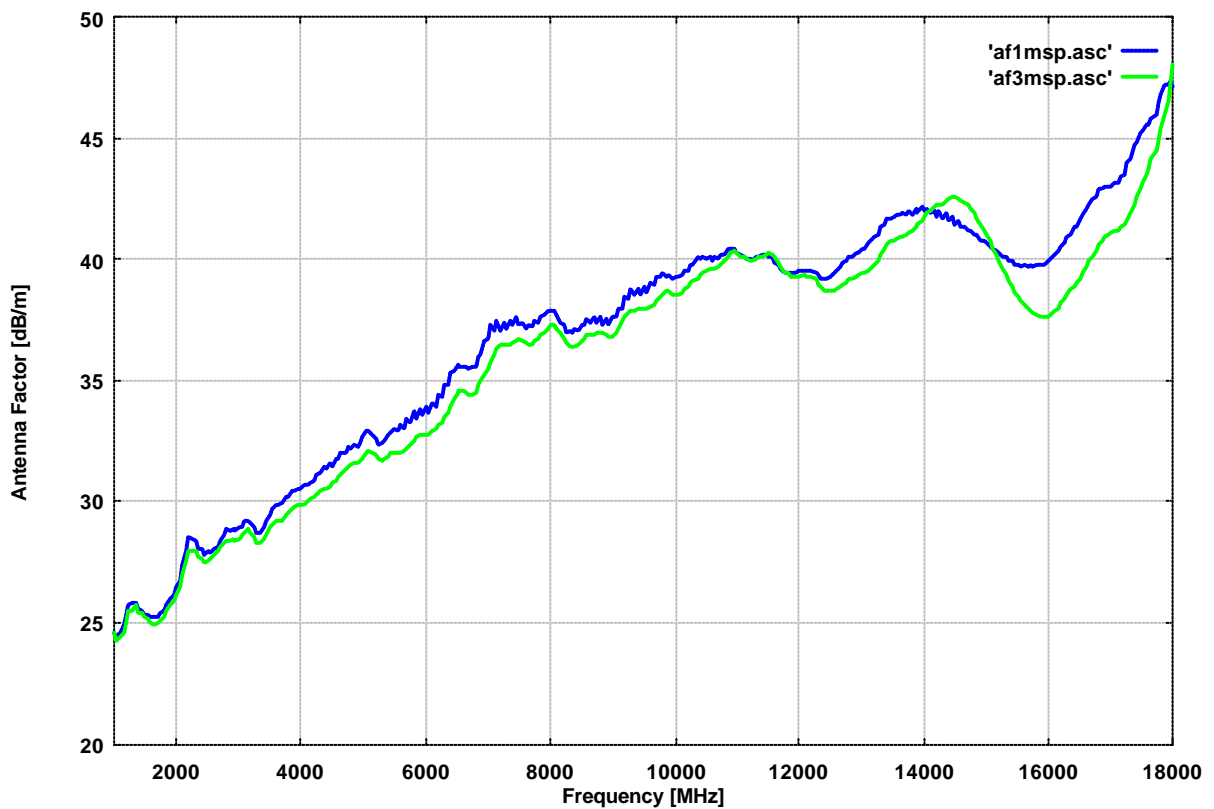
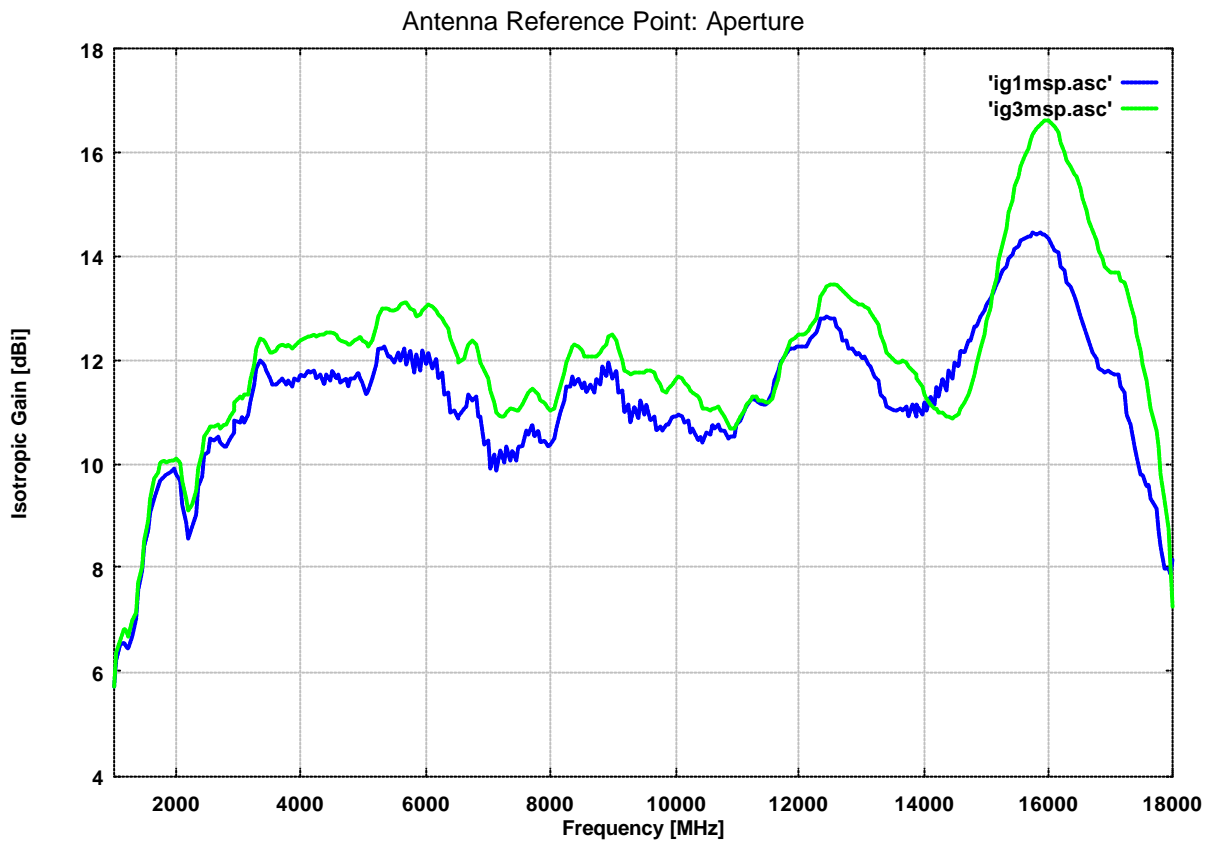


SCHWARZBECK MESS - ELEKTRONIK

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

Kalibrierdaten BBHA 9120 D für kurze Messentfernungen Calibration data BBHA 9120 D for short distances



SCHWARZBECK MESS - ELEKTRONIK

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

Kalibrierdaten BBHA 9120 D für kurze Messentfernungen *Calibration data BBHA 9120 D for short distances*

Frequency	Isotropic gain 1 m Aperture	Antenna factor 1 m Aperture	Isotropic gain 3 m Aperture	Antenna factor 3 m Aperture
[MHz]	[dBi]	[dB/m]	[dBi]	[dB/m]
800.00	1.52	26.76	1.68	26.60
850.00	3.28	25.53	3.28	25.53
900.00	4.39	24.91	4.45	24.85
950.00	5.08	24.69	5.15	24.62
1000.00	5.71	24.51	5.70	24.52
1050.00	6.21	24.43	6.37	24.27
1100.00	6.52	24.53	6.61	24.44
1150.00	6.56	24.87	6.82	24.61
1200.00	6.50	25.30	6.78	25.02
1250.00	6.43	25.73	6.67	25.49
1300.00	6.66	25.84	6.98	25.52
1350.00	7.02	25.81	7.12	25.71
1400.00	7.54	25.60	7.74	25.40
1450.00	7.94	25.51	8.04	25.41
1500.00	8.40	25.34	8.52	25.22
1550.00	8.71	25.32	8.92	25.11
1600.00	9.07	25.23	9.32	24.98
1650.00	9.33	25.24	9.71	24.86
1700.00	9.57	25.26	9.85	24.98
1750.00	9.69	25.39	10.01	25.07
1800.00	9.78	25.55	10.06	25.27
1850.00	9.82	25.74	10.04	25.52
1900.00	9.84	25.96	10.05	25.75
1950.00	9.89	26.13	10.09	25.93
2000.00	9.80	26.44	10.11	26.13
2050.00	9.68	26.78	10.01	26.45
2100.00	9.24	27.42	9.69	26.97
2150.00	8.88	27.99	9.35	27.52
2200.00	8.56	28.51	9.12	27.95
2250.00	8.81	28.45	9.24	28.02
2300.00	9.06	28.39	9.47	27.98
2350.00	9.56	28.08	9.93	27.71
2400.00	9.77	28.05	10.24	27.58
2450.00	10.17	27.83	10.54	27.46
2500.00	10.24	27.94	10.63	27.55
2550.00	10.47	27.88	10.73	27.62
2600.00	10.46	28.06	10.72	27.80
2650.00	10.53	28.15	10.76	27.92
2700.00	10.42	28.43	10.69	28.16
2750.00	10.37	28.64	10.75	28.26
2800.00	10.33	28.83	10.74	28.42
2850.00	10.50	28.82	10.94	28.38
2900.00	10.60	28.87	11.03	28.44
2950.00	10.84	28.78	11.19	28.43
3000.00	10.82	28.94	11.29	28.47
3050.00	10.93	28.98	11.26	28.65
3100.00	10.81	29.24	11.35	28.70
3150.00	10.97	29.22	11.32	28.87

SCHWARZBECK MESS - ELEKTRONIK

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

Kalibrierdaten BBHA 9120 D für kurze Messentfernungen *Calibration data BBHA 9120 D for short distances*

Frequency	Isotropic gain 1 m Aperture	Antenna factor 1 m Aperture	Isotropic gain 3 m Aperture	Antenna factor 3 m Aperture
[MHz]	[dBi]	[dB/m]	[dBi]	[dB/m]
3200.00	11.18	29.14	11.61	28.71
3250.00	11.55	28.91	11.92	28.54
3300.00	11.84	28.75	12.24	28.35
3350.00	11.99	28.73	12.43	28.29
3400.00	11.94	28.91	12.39	28.46
3450.00	11.81	29.17	12.31	28.67
3500.00	11.63	29.47	12.15	28.95
3550.00	11.55	29.67	12.14	29.08
3600.00	11.55	29.80	12.19	29.16
3650.00	11.57	29.90	12.26	29.21
3700.00	11.63	29.95	12.32	29.26
3750.00	11.56	30.14	12.29	29.41
3800.00	11.62	30.20	12.30	29.52
3850.00	11.52	30.41	12.25	29.68
3900.00	11.64	30.40	12.29	29.75
3950.00	11.60	30.55	12.35	29.80
4000.00	11.72	30.54	12.40	29.86
4050.00	11.69	30.68	12.43	29.94
4100.00	11.80	30.68	12.45	30.03
4150.00	11.76	30.82	12.46	30.12
4200.00	11.81	30.87	12.48	30.20
4250.00	11.65	31.14	12.47	30.32
4300.00	11.71	31.18	12.48	30.41
4350.00	11.54	31.45	12.49	30.50
4400.00	11.73	31.36	12.55	30.54
4450.00	11.60	31.59	12.56	30.63
4500.00	11.81	31.47	12.56	30.72
4550.00	11.64	31.74	12.52	30.86
4600.00	11.74	31.74	12.44	31.04
4650.00	11.57	32.00	12.40	31.17
4700.00	11.63	32.03	12.34	31.32
4750.00	11.52	32.23	12.31	31.44
4800.00	11.66	32.18	12.31	31.53
4850.00	11.63	32.30	12.37	31.56
4900.00	11.77	32.25	12.43	31.59
4950.00	11.63	32.48	12.47	31.64
5000.00	11.57	32.63	12.41	31.79
5050.00	11.36	32.93	12.33	31.96
5100.00	11.44	32.93	12.26	32.11
5150.00	11.66	32.80	12.39	32.07
5200.00	11.95	32.59	12.64	31.90
5250.00	12.24	32.38	12.87	31.75
5300.00	12.25	32.46	13.02	31.69
5350.00	12.29	32.50	13.01	31.78
5400.00	12.08	32.79	13.00	31.87
5450.00	12.10	32.85	12.96	31.99
5500.00	11.96	33.07	12.99	32.04
5550.00	12.17	32.94	13.02	32.09
5600.00	12.01	33.17	13.10	32.08

SCHWARZBECK MESS - ELEKTRONIK

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

Kalibrierdaten BBHA 9120 D für kurze Messentfernungen *Calibration data BBHA 9120 D for short distances*

Frequency	Isotropic gain 1 m Aperture	Antenna factor 1 m Aperture	Isotropic gain 3 m Aperture	Antenna factor 3 m Aperture
[MHz]	[dBi]	[dB/m]	[dBi]	[dB/m]
5650.00	12.25	33.01	13.13	32.13
5700.00	11.90	33.44	13.13	32.21
5750.00	12.18	33.23	13.01	32.40
5800.00	11.76	33.73	12.95	32.54
5850.00	12.13	33.43	12.85	32.71
5900.00	11.82	33.82	12.88	32.76
5950.00	12.18	33.53	12.94	32.77
6000.00	11.90	33.88	13.03	32.75
6050.00	12.16	33.70	13.09	32.77
6100.00	11.85	34.08	13.05	32.88
6150.00	12.03	33.97	12.98	33.02
6200.00	11.64	34.43	12.90	33.17
6250.00	11.76	34.38	12.81	33.33
6300.00	11.33	34.88	12.72	33.49
6350.00	11.38	34.90	12.60	33.68
6400.00	10.99	35.35	12.42	33.92
6450.00	11.02	35.39	12.22	34.19
6500.00	10.86	35.62	12.02	34.46
6550.00	10.95	35.59	11.96	34.58
6600.00	11.05	35.56	12.03	34.58
6650.00	11.13	35.55	12.19	34.49
6700.00	11.32	35.42	12.32	34.42
6750.00	11.23	35.58	12.39	34.42
6800.00	11.29	35.58	12.31	34.56
6850.00	10.95	35.98	12.15	34.78
6900.00	10.91	36.09	11.97	35.03
6950.00	10.40	36.66	11.81	35.25
7000.00	10.45	36.67	11.65	35.47
7050.00	9.92	37.26	11.43	35.75
7100.00	10.19	37.06	11.19	36.06
7150.00	9.86	37.45	10.99	36.32
7200.00	10.27	37.10	10.90	36.47
7250.00	10.04	37.39	10.93	36.50
7300.00	10.32	37.17	11.01	36.48
7350.00	10.08	37.47	11.08	36.47
7400.00	10.25	37.35	11.06	36.54
7450.00	10.09	37.57	11.03	36.63
7500.00	10.36	37.36	11.04	36.68
7550.00	10.35	37.43	11.14	36.64
7600.00	10.66	37.18	11.29	36.55
7650.00	10.57	37.32	11.40	36.49
7700.00	10.76	37.19	11.45	36.50
7750.00	10.55	37.46	11.41	36.60
7800.00	10.63	37.43	11.32	36.74
7850.00	10.43	37.69	11.25	36.87
7900.00	10.46	37.71	11.17	37.00
7950.00	10.34	37.89	11.10	37.13
8000.00	10.38	37.90	11.04	37.24
8050.00	10.48	37.86	11.06	37.28

SCHWARZBECK MESS - ELEKTRONIK

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

Kalibrierdaten BBHA 9120 D für kurze Messentfernungen *Calibration data BBHA 9120 D for short distances*

Frequency	Isotropic gain 1 m Aperture	Antenna factor 1 m Aperture	Isotropic gain 3 m Aperture	Antenna factor 3 m Aperture
[MHz]	[dBi]	[dB/m]	[dBi]	[dB/m]
8100.00	10.68	37.71	11.24	37.15
8150.00	11.01	37.43	11.49	36.95
8200.00	11.20	37.30	11.75	36.75
8250.00	11.50	37.05	11.97	36.58
8300.00	11.52	37.08	12.14	36.46
8350.00	11.70	36.95	12.26	36.39
8400.00	11.56	37.15	12.31	36.40
8450.00	11.66	37.10	12.28	36.48
8500.00	11.45	37.36	12.18	36.63
8550.00	11.57	37.29	12.10	36.76
8600.00	11.38	37.53	12.05	36.86
8650.00	11.54	37.42	12.07	36.89
8700.00	11.38	37.63	12.11	36.90
8750.00	11.64	37.42	12.10	36.96
8800.00	11.53	37.58	12.15	36.96
8850.00	11.88	37.28	12.22	36.94
8900.00	11.69	37.52	12.31	36.90
8950.00	11.96	37.30	12.45	36.81
9000.00	11.66	37.64	12.48	36.82
9050.00	11.78	37.57	12.39	36.96
9100.00	11.38	38.02	12.23	37.17
9150.00	11.43	38.02	11.99	37.46
9200.00	11.01	38.49	11.83	37.67
9250.00	11.14	38.40	11.75	37.79
9300.00	10.82	38.77	11.72	37.87
9350.00	11.12	38.52	11.76	37.88
9400.00	10.88	38.80	11.75	37.93
9450.00	11.21	38.52	11.76	37.97
9500.00	10.96	38.81	11.75	38.02
9550.00	11.16	38.66	11.79	38.03
9600.00	10.85	39.02	11.79	38.08
9650.00	10.91	39.00	11.77	38.14
9700.00	10.64	39.32	11.66	38.30
9750.00	10.72	39.28	11.55	38.45
9800.00	10.63	39.41	11.43	38.61
9850.00	10.79	39.30	11.39	38.70
9900.00	10.79	39.34	11.45	38.68
9950.00	10.94	39.24	11.56	38.62
10000.00	10.94	39.28	11.68	38.54
10050.00	10.97	39.29	11.70	38.56
10100.00	10.95	39.36	11.67	38.64
10150.00	10.80	39.55	11.57	38.78
10200.00	10.84	39.55	11.51	38.88
10250.00	10.61	39.82	11.42	39.01
10300.00	10.69	39.79	11.38	39.10
10350.00	10.46	40.06	11.29	39.23
10400.00	10.55	40.01	11.20	39.36
10450.00	10.43	40.17	11.09	39.51
10500.00	10.61	40.03	11.05	39.59

SCHWARZBECK MESS - ELEKTRONIK

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

Kalibrierdaten BBHA 9120 D für kurze Messentfernungen *Calibration data BBHA 9120 D for short distances*

Frequency	Isotropic gain 1 m Aperture	Antenna factor 1 m Aperture	Isotropic gain 3 m Aperture	Antenna factor 3 m Aperture
[MHz]	[dBi]	[dB/m]	[dBi]	[dB/m]
10550.00	10.56	40.13	11.02	39.67
10600.00	10.76	39.97	11.08	39.65
10650.00	10.68	40.09	11.10	39.67
10700.00	10.79	40.02	11.12	39.69
10750.00	10.62	40.23	11.03	39.82
10800.00	10.65	40.24	10.91	39.98
10850.00	10.50	40.43	10.79	40.14
10900.00	10.55	40.42	10.69	40.28
10950.00	10.55	40.46	10.68	40.33
11000.00	10.75	40.30	10.77	40.28
11050.00	10.85	40.24	10.90	40.19
11100.00	11.02	40.11	11.03	40.10
11150.00	11.13	40.04	11.16	40.01
11200.00	11.20	40.00	11.23	39.97
11250.00	11.26	39.98	11.30	39.94
11300.00	11.21	40.07	11.29	39.99
11350.00	11.19	40.13	11.25	40.07
11400.00	11.14	40.22	11.22	40.14
11450.00	11.16	40.24	11.18	40.22
11500.00	11.25	40.18	11.17	40.26
11550.00	11.39	40.08	11.26	40.21
11600.00	11.60	39.91	11.43	40.08
11650.00	11.79	39.76	11.66	39.89
11700.00	11.97	39.61	11.90	39.68
11750.00	12.10	39.52	12.10	39.52
11800.00	12.18	39.48	12.26	39.40
11850.00	12.22	39.47	12.36	39.33
11900.00	12.24	39.49	12.44	39.29
11950.00	12.26	39.51	12.45	39.32
12000.00	12.26	39.54	12.50	39.30
12050.00	12.27	39.57	12.49	39.35
12100.00	12.29	39.59	12.54	39.34
12150.00	12.33	39.58	12.58	39.33
12200.00	12.42	39.53	12.66	39.29
12250.00	12.56	39.42	12.82	39.16
12300.00	12.66	39.36	13.02	39.00
12350.00	12.79	39.26	13.21	38.84
12400.00	12.83	39.26	13.36	38.73
12450.00	12.87	39.25	13.44	38.68
12500.00	12.82	39.34	13.47	38.69
12550.00	12.78	39.41	13.47	38.72
12600.00	12.65	39.58	13.45	38.78
12650.00	12.58	39.68	13.41	38.85
12700.00	12.41	39.89	13.33	38.97
12750.00	12.37	39.96	13.28	39.05
12800.00	12.24	40.12	13.21	39.15
12850.00	12.25	40.15	13.15	39.25
12900.00	12.13	40.30	13.12	39.31
12950.00	12.16	40.31	13.09	39.38

SCHWARZBECK MESS - ELEKTRONIK

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

Kalibrierdaten BBHA 9120 D für kurze Messentfernungen *Calibration data BBHA 9120 D for short distances*

Frequency	Isotropic gain 1 m Aperture	Antenna factor 1 m Aperture	Isotropic gain 3 m Aperture	Antenna factor 3 m Aperture
[MHz]	[dBi]	[dB/m]	[dBi]	[dB/m]
13000.00	12.04	40.46	13.08	39.42
13050.00	12.05	40.48	13.04	39.49
13100.00	11.91	40.66	13.00	39.57
13150.00	11.89	40.71	12.93	39.67
13200.00	11.69	40.94	12.83	39.80
13250.00	11.60	41.06	12.69	39.97
13300.00	11.36	41.34	12.50	40.20
13350.00	11.26	41.47	12.31	40.42
13400.00	11.11	41.65	12.17	40.59
13450.00	11.09	41.70	12.07	40.72
13500.00	11.03	41.80	12.01	40.82
13550.00	11.04	41.82	11.98	40.88
13600.00	11.07	41.82	11.98	40.91
13650.00	11.02	41.90	11.99	40.93
13700.00	11.11	41.84	11.96	40.99
13750.00	10.95	42.04	11.89	41.10
13800.00	11.14	41.88	11.83	41.19
13850.00	10.94	42.11	11.74	41.31
13900.00	11.16	41.92	11.65	41.43
13950.00	10.97	42.14	11.51	41.60
14000.00	11.18	41.96	11.34	41.80
14050.00	11.04	42.13	11.27	41.90
14100.00	11.30	41.90	11.14	42.06
14150.00	11.16	42.08	11.09	42.15
14200.00	11.49	41.78	11.05	42.22
14250.00	11.29	42.01	11.00	42.30
14300.00	11.64	41.69	10.99	42.34
14350.00	11.42	41.94	10.93	42.43
14400.00	11.78	41.61	10.91	42.48
14450.00	11.64	41.78	10.88	42.54
14500.00	11.97	41.48	10.90	42.55
14550.00	11.89	41.59	10.97	42.51
14600.00	12.18	41.33	11.08	42.43
14650.00	12.15	41.39	11.17	42.37
14700.00	12.40	41.17	11.32	42.25
14750.00	12.41	41.19	11.46	42.14
14800.00	12.64	40.99	11.72	41.91
14850.00	12.68	40.97	11.94	41.71
14900.00	12.86	40.82	12.23	41.45
14950.00	12.94	40.77	12.49	41.22
15000.00	13.07	40.67	12.76	40.98
15050.00	13.20	40.57	13.02	40.75
15100.00	13.30	40.50	13.31	40.49
15150.00	13.47	40.36	13.60	40.23
15200.00	13.55	40.31	13.92	39.94
15250.00	13.74	40.15	14.24	39.65
15300.00	13.81	40.10	14.55	39.36
15350.00	13.97	39.97	14.84	39.10
15400.00	14.04	39.93	15.09	38.88

SCHWARZBECK MESS - ELEKTRONIK

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

Kalibrierdaten BBHA 9120 D für kurze Messentfernungen *Calibration data BBHA 9120 D for short distances*

Frequency	Isotropic gain 1 m Aperture	Antenna factor 1 m Aperture	Isotropic gain 3 m Aperture	Antenna factor 3 m Aperture
[MHz]	[dBi]	[dB/m]	[dBi]	[dB/m]
15450.00	14.17	39.83	15.35	38.65
15500.00	14.19	39.84	15.55	38.48
15550.00	14.33	39.72	15.76	38.29
15600.00	14.34	39.74	15.93	38.15
15650.00	14.41	39.70	16.09	38.02
15700.00	14.40	39.74	16.24	37.90
15750.00	14.46	39.71	16.37	37.80
15800.00	14.44	39.75	16.47	37.72
15850.00	14.47	39.75	16.55	37.67
15900.00	14.43	39.82	16.59	37.66
15950.00	14.44	39.84	16.64	37.64
16000.00	14.34	39.96	16.62	37.68
16050.00	14.30	40.03	16.60	37.73
16100.00	14.14	40.22	16.52	37.84
16150.00	14.06	40.32	16.39	37.99
16200.00	13.84	40.57	16.22	38.19
16250.00	13.74	40.70	16.04	38.40
16300.00	13.51	40.95	15.86	38.60
16350.00	13.44	41.05	15.74	38.75
16400.00	13.22	41.30	15.58	38.94
16450.00	13.13	41.41	15.52	39.02
16500.00	12.86	41.71	15.33	39.24
16550.00	12.73	41.87	15.14	39.46
16600.00	12.50	42.12	14.91	39.71
16650.00	12.38	42.27	14.71	39.94
16700.00	12.16	42.51	14.51	40.16
16750.00	12.03	42.67	14.32	40.38
16800.00	11.85	42.88	14.11	40.62
16850.00	11.82	42.93	13.98	40.77
16900.00	11.77	43.01	13.84	40.94
16950.00	11.78	43.02	13.74	41.06
17000.00	11.77	43.06	13.69	41.14
17050.00	11.72	43.13	13.67	41.18
17100.00	11.73	43.15	13.70	41.18
17150.00	11.50	43.41	13.56	41.35
17200.00	11.38	43.55	13.50	41.43
17250.00	10.96	44.00	13.38	41.58
17300.00	10.76	44.22	13.08	41.90
17350.00	10.32	44.69	12.79	42.22
17400.00	10.16	44.87	12.48	42.55
17450.00	9.80	45.26	12.18	42.88
17500.00	9.80	45.28	11.90	43.18
17550.00	9.56	45.55	11.62	43.49
17600.00	9.59	45.54	11.35	43.78
17650.00	9.33	45.82	11.05	44.10
17700.00	9.14	46.04	10.67	44.51
17750.00	8.72	46.48	10.31	44.89
17800.00	8.42	46.81	9.80	45.43
17850.00	7.99	47.26	9.28	45.97

SCHWARZBECK MESS - ELEKTRONIK

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

Kalibrierdaten BBHA 9120 D für kurze Messentfernungen *Calibration data BBHA 9120 D for short distances*

Frequency	Isotropic gain 1 m Aperture	Antenna factor 1 m Aperture	Isotropic gain 3 m Aperture	Antenna factor 3 m Aperture
[MHz]	[dBi]	[dB/m]	[dBi]	[dB/m]
17900.00	7.99	47.29	8.74	46.54
17950.00	7.89	47.41	7.99	47.31
18000.00	8.18	47.15	7.25	48.08
18050.00	8.19	47.16	6.45	48.90
18100.00	8.40	46.97	6.01	49.36
18150.00	8.51	46.89	5.84	49.56
18200.00	8.58	46.84	5.76	49.66
18250.00	8.52	46.93	5.74	49.71
18300.00	8.40	47.07	5.49	49.98
18350.00	8.28	47.21	5.68	49.81
18400.00	8.14	47.38	6.04	49.48
18450.00	7.94	47.60	6.52	49.02
18500.00	7.83	47.73	6.65	48.91