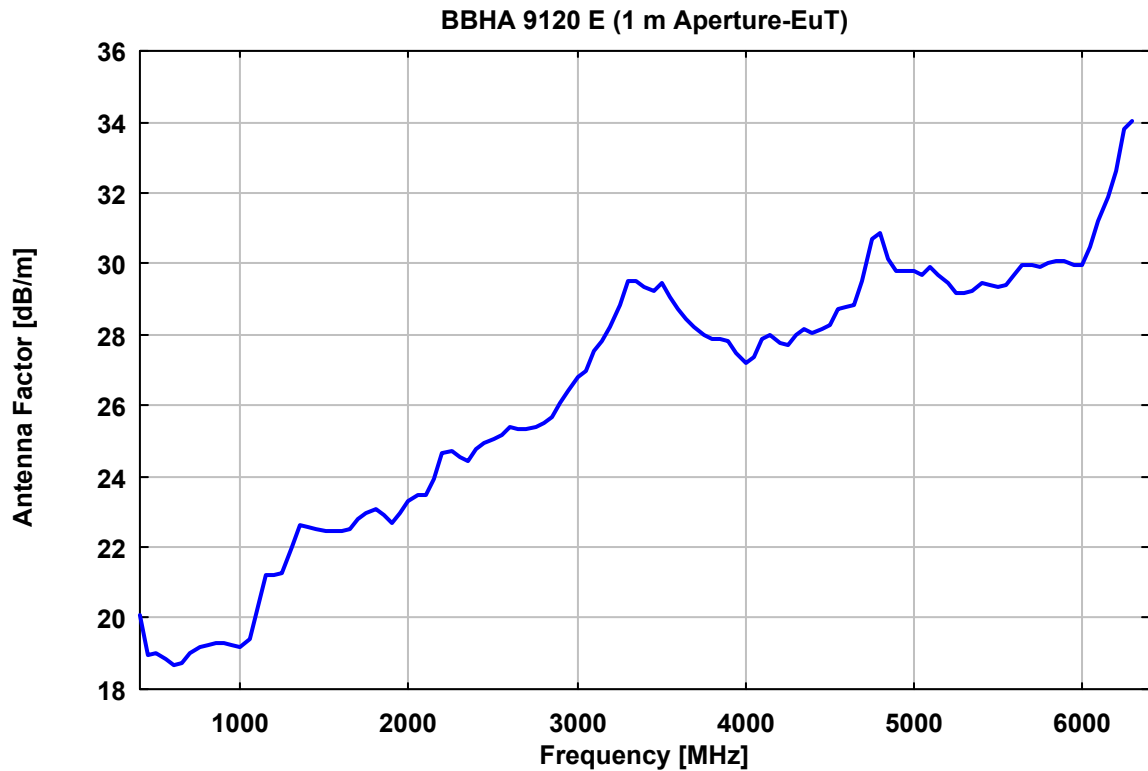
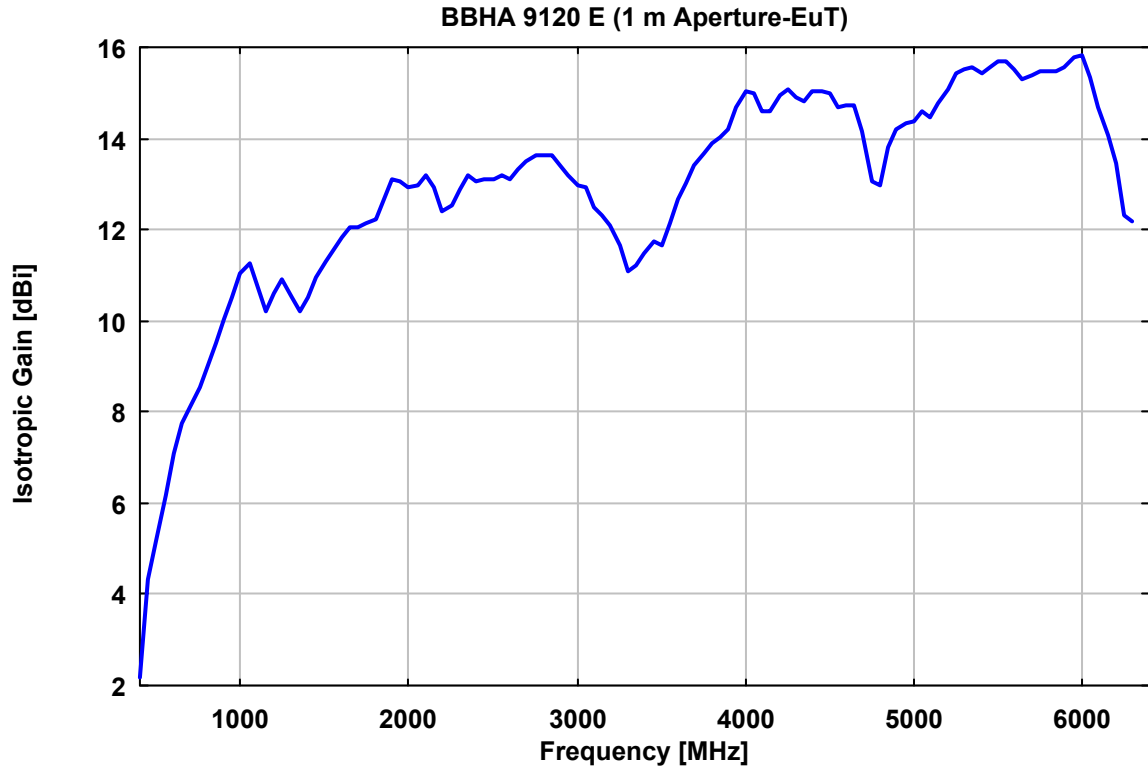


# SCHWARZBECK MESS - ELEKTRONIK

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

## Calibration Data 1 m Test Distance BBHA 9120 E



Sales Partner:



ABSOLUTE EMC LLC.  
Covering sales in North America  
United States, Mexico, & Canada

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# SCHWARZBECK MESS - ELEKTRONIK

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

## Calibration Data 1 m Test Distance BBHA 9120 E

Frequency	Distance	Wavelength	Attenuation	Gain(Isotr.)	Gain(Dipole)	Ant.-Factor
MHz	m	m	dB	dBi	dBd	dB/m
300.00	1.00	1.000	48.03	-13.02	-15.17	32.78
350.00	1.00	0.857	29.93	-3.30	-5.45	24.40
400.00	1.00	0.750	20.13	2.17	0.02	20.09
450.00	1.00	0.667	16.86	4.32	2.17	18.96
500.00	1.00	0.600	16.07	5.17	3.02	19.03
550.00	1.00	0.545	14.89	6.18	4.03	18.85
600.00	1.00	0.500	13.78	7.11	4.96	18.67
650.00	1.00	0.462	13.20	7.75	5.60	18.73
700.00	1.00	0.429	13.11	8.12	5.97	19.00
750.00	1.00	0.400	12.81	8.56	6.41	19.16
800.00	1.00	0.375	12.44	9.03	6.88	19.25
850.00	1.00	0.353	11.98	9.52	7.37	19.28
900.00	1.00	0.333	11.51	10.01	7.86	19.30
950.00	1.00	0.316	10.96	10.52	8.37	19.25
1000.00	1.00	0.300	10.32	11.06	8.91	19.16
1050.00	1.00	0.286	10.36	11.25	9.10	19.39
1100.00	1.00	0.273	11.83	10.72	8.57	20.33
1150.00	1.00	0.261	13.25	10.20	8.05	21.23
1200.00	1.00	0.250	12.80	10.61	8.46	21.19
1250.00	1.00	0.240	12.57	10.91	8.75	21.25
1300.00	1.00	0.231	13.70	10.51	8.36	21.99
1350.00	1.00	0.222	14.65	10.20	8.05	22.63
1400.00	1.00	0.214	14.28	10.54	8.39	22.60
1450.00	1.00	0.207	13.79	10.94	8.79	22.51
1500.00	1.00	0.200	13.41	11.28	9.12	22.47
1550.00	1.00	0.194	13.15	11.55	9.40	22.48
1600.00	1.00	0.188	12.87	11.83	9.68	22.48
1650.00	1.00	0.182	12.73	12.03	9.88	22.54
1700.00	1.00	0.176	12.99	12.03	9.88	22.80
1750.00	1.00	0.171	13.05	12.12	9.97	22.96
1800.00	1.00	0.167	13.06	12.24	10.09	23.08
1850.00	1.00	0.162	12.48	12.65	10.50	22.91
1900.00	1.00	0.158	11.81	13.10	10.95	22.69
1950.00	1.00	0.154	12.14	13.05	10.90	22.97
2000.00	1.00	0.150	12.57	12.95	10.80	23.29
2050.00	1.00	0.146	12.75	12.97	10.81	23.49
2100.00	1.00	0.143	12.47	13.21	11.06	23.46
2150.00	1.00	0.140	13.22	12.94	10.79	23.93
2200.00	1.00	0.136	14.49	12.40	10.25	24.67
2250.00	1.00	0.133	14.40	12.54	10.39	24.72
2300.00	1.00	0.130	13.89	12.89	10.74	24.56
2350.00	1.00	0.128	13.47	13.20	11.05	24.45
2400.00	1.00	0.125	13.95	13.05	10.90	24.78
2450.00	1.00	0.122	14.05	13.09	10.94	24.92
MHz	m	m	dB	dBi	dBd	dB/m

Sales Partner:



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# SCHWARZBECK MESS - ELEKTRONIK

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

## Calibration Data 1 m Test Distance BBHA 9120 E

Frequency	Distance	Wavelength	Attenuation	Gain(Isotr.)	Gain(Dipole)	Ant.-Factor
MHz	m	m	dB	dBi	dBd	dB/m
2500.00	1.00	0.120	14.17	13.12	10.97	25.06
2550.00	1.00	0.118	14.22	13.18	11.03	25.17
2600.00	1.00	0.115	14.49	13.12	10.97	25.40
2650.00	1.00	0.113	14.24	13.33	11.18	25.35
2700.00	1.00	0.111	14.04	13.51	11.36	25.33
2750.00	1.00	0.109	13.95	13.64	11.49	25.37
2800.00	1.00	0.107	14.08	13.65	11.50	25.51
2850.00	1.00	0.105	14.26	13.64	11.49	25.68
2900.00	1.00	0.103	14.87	13.41	11.26	26.06
2950.00	1.00	0.102	15.44	13.20	11.05	26.42
3000.00	1.00	0.100	16.05	12.97	10.81	26.80
3050.00	1.00	0.098	16.26	12.94	10.79	26.97
3100.00	1.00	0.097	17.27	12.50	10.35	27.55
3150.00	1.00	0.095	17.74	12.33	10.18	27.85
3200.00	1.00	0.094	18.35	12.10	9.95	28.22
3250.00	1.00	0.092	19.38	11.65	9.50	28.81
3300.00	1.00	0.091	20.60	11.10	8.95	29.49
3350.00	1.00	0.090	20.50	11.22	9.07	29.50
3400.00	1.00	0.088	20.09	11.49	9.34	29.36
3450.00	1.00	0.087	19.70	11.75	9.60	29.23
3500.00	1.00	0.086	20.02	11.65	9.50	29.45
3550.00	1.00	0.085	19.16	12.14	9.99	29.08
3600.00	1.00	0.083	18.27	12.65	10.50	28.70
3650.00	1.00	0.082	17.62	13.03	10.88	28.43
3700.00	1.00	0.081	17.02	13.39	11.24	28.19
3750.00	1.00	0.080	16.56	13.68	11.53	28.02
3800.00	1.00	0.079	16.21	13.91	11.76	27.90
3850.00	1.00	0.078	16.07	14.04	11.89	27.89
3900.00	1.00	0.077	15.84	14.21	12.06	27.83
3950.00	1.00	0.076	15.05	14.66	12.51	27.49
4000.00	1.00	0.075	14.40	15.04	12.89	27.22
4050.00	1.00	0.074	14.63	14.98	12.83	27.39
4100.00	1.00	0.073	15.53	14.58	12.43	27.89
4150.00	1.00	0.072	15.62	14.59	12.44	27.99
4200.00	1.00	0.071	15.02	14.94	12.79	27.74
4250.00	1.00	0.071	14.84	15.09	12.94	27.70
4300.00	1.00	0.070	15.27	14.92	12.77	27.97
4350.00	1.00	0.069	15.60	14.81	12.66	28.18
4400.00	1.00	0.068	15.21	15.05	12.90	28.04
4450.00	1.00	0.067	15.36	15.03	12.88	28.16
4500.00	1.00	0.067	15.52	14.99	12.84	28.29
4550.00	1.00	0.066	16.28	14.66	12.51	28.72
4600.00	1.00	0.065	16.26	14.72	12.57	28.76
4650.00	1.00	0.065	16.29	14.75	12.60	28.82
4700.00	1.00	0.064	17.59	14.15	12.00	29.51
4750.00	1.00	0.063	19.83	13.07	10.92	30.68
MHz	m	m	dB	dBi	dBd	dB/m



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# SCHWARZBECK MESS - ELEKTRONIK

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

## Calibration Data 1 m Test Distance BBHA 9120 E

Frequency	Distance	Wavelength	Attenuation	Gain(Isotr.)	Gain(Dipole)	Ant.-Factor
MHz	m	m	dB	dBi	dBd	dB/m
4800.00	1.00	0.063	20.14	12.96	10.81	30.88
4850.00	1.00	0.062	18.53	13.81	11.66	30.12
4900.00	1.00	0.061	17.84	14.20	12.05	29.82
4950.00	1.00	0.061	17.70	14.32	12.17	29.79
5000.00	1.00	0.060	17.67	14.37	12.22	29.82
5050.00	1.00	0.059	17.32	14.59	12.44	29.69
5100.00	1.00	0.059	17.67	14.46	12.31	29.91
5150.00	1.00	0.058	17.14	14.77	12.62	29.69
5200.00	1.00	0.058	16.62	15.07	12.92	29.47
5250.00	1.00	0.057	15.94	15.45	13.30	29.17
5300.00	1.00	0.057	15.89	15.52	13.37	29.19
5350.00	1.00	0.056	15.93	15.54	13.39	29.25
5400.00	1.00	0.056	16.22	15.43	13.28	29.43
5450.00	1.00	0.055	16.08	15.55	13.40	29.40
5500.00	1.00	0.055	15.91	15.67	13.52	29.36
5550.00	1.00	0.054	15.94	15.70	13.55	29.41
5600.00	1.00	0.054	16.39	15.51	13.36	29.67
5650.00	1.00	0.053	16.89	15.30	13.15	29.96
5700.00	1.00	0.053	16.82	15.37	13.22	29.97
5750.00	1.00	0.052	16.63	15.50	13.35	29.91
5800.00	1.00	0.052	16.71	15.50	13.35	29.99
5850.00	1.00	0.051	16.86	15.46	13.31	30.10
5900.00	1.00	0.051	16.70	15.58	13.43	30.06
5950.00	1.00	0.050	16.37	15.78	13.63	29.93
6000.00	1.00	0.050	16.37	15.82	13.66	29.97
6050.00	1.00	0.050	17.35	15.36	13.21	30.49
6100.00	1.00	0.049	18.76	14.69	12.54	31.23
6150.00	1.00	0.049	20.05	14.09	11.94	31.91
6200.00	1.00	0.048	21.40	13.45	11.29	32.62
6250.00	1.00	0.048	23.75	12.30	10.15	33.83
6300.00	1.00	0.048	24.10	12.16	10.01	34.04
MHz	m	m	dB	dBi	dBd	dB/m

**Antenna Reference Point:**  
Aperture Plane (Front Edge)

Sales Partner:



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