

Standard Hornantenne
Standard Horn Antenna



HA 9250-48 with option 7/16 connector

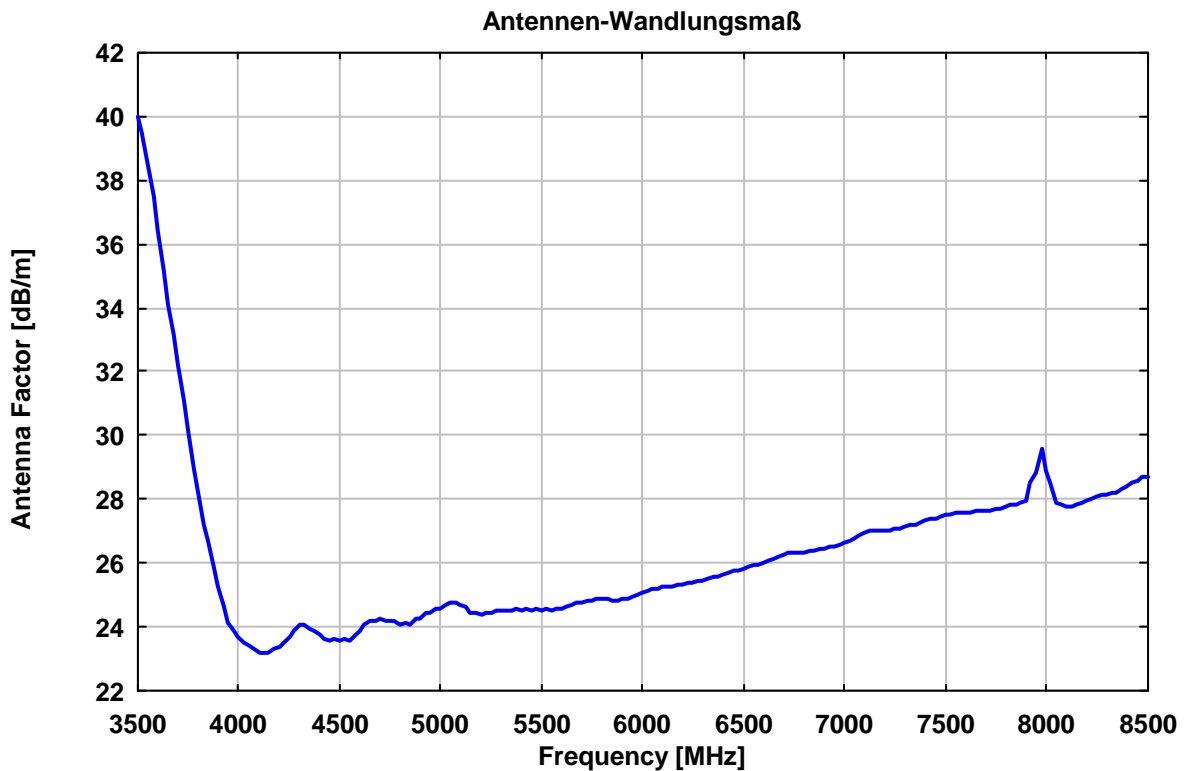
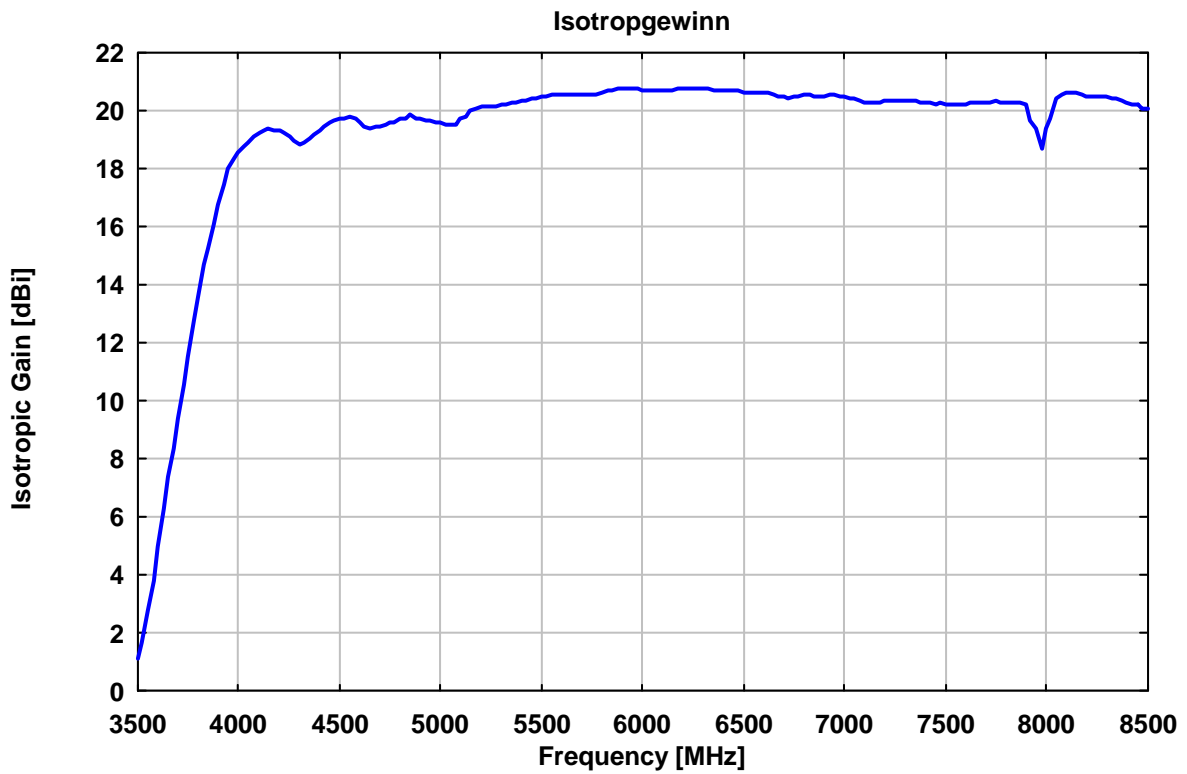
Beschreibung:

Linear polarisierte Standard Pyramidenhornantenne mit Koaxialanschluß.

Description:

Linear polarized standard gain horn antenna with coaxial connector.

Technische Daten:		Specifications:
Frequenzbereich (nominell):	4-8 GHz	Frequency Range (nominal):
Frequenzbereich (nutzbar):	3.7-9 GHz	Frequency Range (useable):
Gewinn:	≈ 20 dBi	Gain:
Antennen-Wandlungsmaß:	23...30 dB/m	Antenna Factor:
Stehwellenverhältnis:	typ. < 2	VSWR:
Vor- Rückmaß:	> 27 dB	Front to Back Ratio:
3 dB Halbwertsbreite E-Ebene:	16°	Half Power Beamwidth (E-Plane):
3 dB Halbwertsbreite H-Ebene:	15°	Half Power Beamwidth (H-Plane):
6 dB Öffnungswinkel E-Ebene:	22°	6 dB Beamwidth (E-Plane):
6 dB Öffnungswinkel H-Ebene:	24°	6 dB Beamwidth (H-Plane):
Anschlußbuchse:	N, opt. 7/16 (f<7.5 GHz)	Connector:
Max. Eingangsleistung:	see Diagram	Max. Input Power:
Befestigungsrohr:	22 x 200 mm	Mounting Tube:
Abmessungen:	226 x 303 x 695 mm	Dimensions:
Gewicht:	1.7 kg	Weight:
Material:	Aluminium	Material:

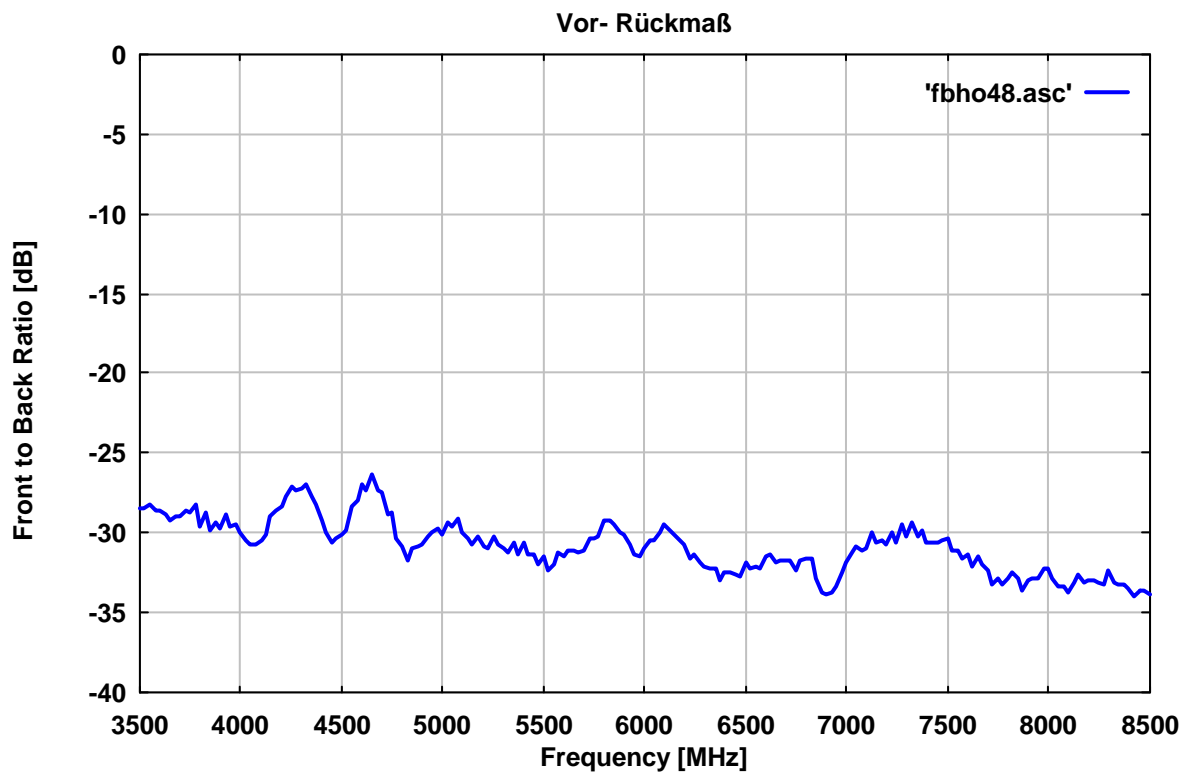
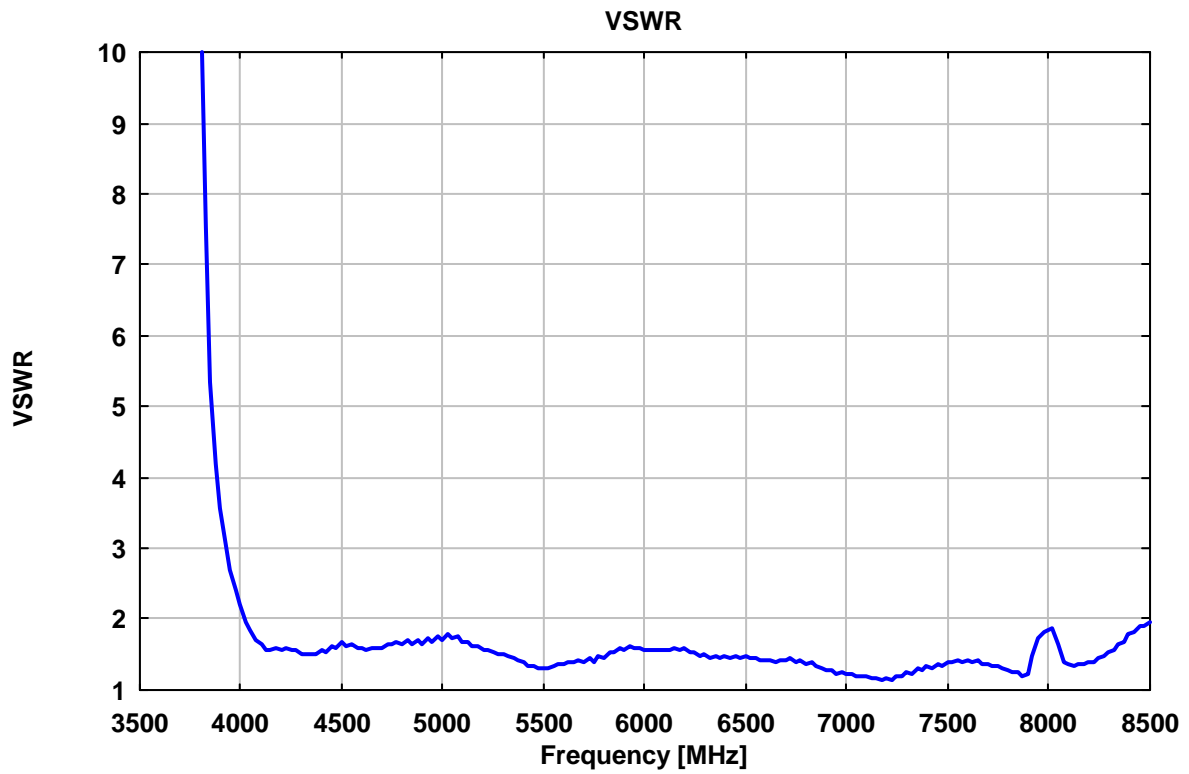


Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
3500.00	1.07	40.03
3525.00	1.66	39.50
3550.00	2.74	38.48
3575.00	3.82	37.46
3600.00	4.94	36.40
3625.00	6.25	35.16
3650.00	7.37	34.10
3675.00	8.36	33.17
3700.00	9.38	32.20
3725.00	10.55	31.09
3750.00	11.51	30.19
3775.00	12.79	28.97
3800.00	13.53	28.28
3825.00	14.68	27.19
3850.00	15.22	26.71
3875.00	16.10	25.88
3900.00	16.77	25.27
3925.00	17.47	24.63
3950.00	17.99	24.16
3975.00	18.34	23.86
4000.00	18.55	23.71
4025.00	18.78	23.53
4050.00	18.93	23.44
4075.00	19.13	23.30
4100.00	19.25	23.22
4125.00	19.32	23.21
4150.00	19.39	23.19
4175.00	19.33	23.31
4200.00	19.32	23.37
4225.00	19.26	23.48
4250.00	19.10	23.69
4275.00	18.95	23.89
4300.00	18.81	24.08
4325.00	18.90	24.04
4350.00	19.02	23.97
4375.00	19.19	23.85
4400.00	19.35	23.74
4425.00	19.48	23.65
4450.00	19.61	23.58
4475.00	19.63	23.60
4500.00	19.73	23.56
4525.00	19.72	23.61
4550.00	19.83	23.55
4575.00	19.69	23.74
4600.00	19.61	23.86
4625.00	19.44	24.09
4650.00	19.38	24.19
4675.00	19.42	24.20
4700.00	19.41	24.26
4725.00	19.50	24.21
4750.00	19.56	24.19
4775.00	19.62	24.18
4800.00	19.75	24.10
4825.00	19.74	24.15
4850.00	19.85	24.08
4875.00	19.75	24.23
4900.00	19.76	24.26
4925.00	19.64	24.43
4950.00	19.67	24.44

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
4975.00	19.60	24.55
5000.00	19.62	24.58
5025.00	19.54	24.70
5050.00	19.54	24.74
5075.00	19.54	24.79
5100.00	19.70	24.67
5125.00	19.80	24.61
5150.00	19.99	24.47
5175.00	20.06	24.44
5200.00	20.17	24.37
5225.00	20.15	24.43
5250.00	20.16	24.46
5275.00	20.16	24.51
5300.00	20.19	24.52
5325.00	20.21	24.53
5350.00	20.26	24.53
5375.00	20.27	24.56
5400.00	20.33	24.54
5425.00	20.35	24.56
5450.00	20.43	24.52
5475.00	20.43	24.56
5500.00	20.49	24.53
5525.00	20.51	24.55
5550.00	20.58	24.53
5575.00	20.58	24.56
5600.00	20.58	24.60
5625.00	20.56	24.66
5650.00	20.56	24.70
5675.00	20.54	24.76
5700.00	20.57	24.77
5725.00	20.54	24.83
5750.00	20.57	24.84
5775.00	20.58	24.87
5800.00	20.61	24.88
5825.00	20.68	24.85
5850.00	20.72	24.84
5875.00	20.77	24.83
5900.00	20.78	24.85
5925.00	20.78	24.89
5950.00	20.77	24.94
5975.00	20.74	25.01
6000.00	20.71	25.07
6025.00	20.68	25.13
6050.00	20.66	25.20
6075.00	20.67	25.22
6100.00	20.68	25.25
6125.00	20.72	25.25
6150.00	20.72	25.27
6175.00	20.74	25.29
6200.00	20.74	25.33
6225.00	20.74	25.36
6250.00	20.74	25.40
6275.00	20.74	25.43
6300.00	20.74	25.47
6325.00	20.74	25.50
6350.00	20.70	25.57
6375.00	20.72	25.59
6400.00	20.69	25.66
6425.00	20.69	25.68

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
6450.00	20.68	25.73
6475.00	20.68	25.77
6500.00	20.65	25.82
6525.00	20.63	25.88
6550.00	20.62	25.92
6575.00	20.62	25.96
6600.00	20.61	26.00
6625.00	20.59	26.06
6650.00	20.54	26.13
6675.00	20.50	26.21
6700.00	20.46	26.28
6725.00	20.45	26.33
6750.00	20.48	26.33
6775.00	20.50	26.34
6800.00	20.54	26.33
6825.00	20.53	26.37
6850.00	20.51	26.42
6875.00	20.51	26.46
6900.00	20.51	26.48
6925.00	20.54	26.49
6950.00	20.54	26.52
6975.00	20.51	26.58
7000.00	20.49	26.64
7025.00	20.44	26.72
7050.00	20.39	26.79
7075.00	20.35	26.87
7100.00	20.30	26.95
7125.00	20.28	27.00
7150.00	20.29	27.02
7175.00	20.31	27.02
7200.00	20.35	27.02
7225.00	20.36	27.04
7250.00	20.37	27.06
7275.00	20.35	27.11
7300.00	20.34	27.14
7325.00	20.32	27.19
7350.00	20.33	27.21
7375.00	20.30	27.27
7400.00	20.29	27.32
7425.00	20.27	27.36
7450.00	20.24	27.42
7475.00	20.25	27.44
7500.00	20.19	27.53
7525.00	20.21	27.54

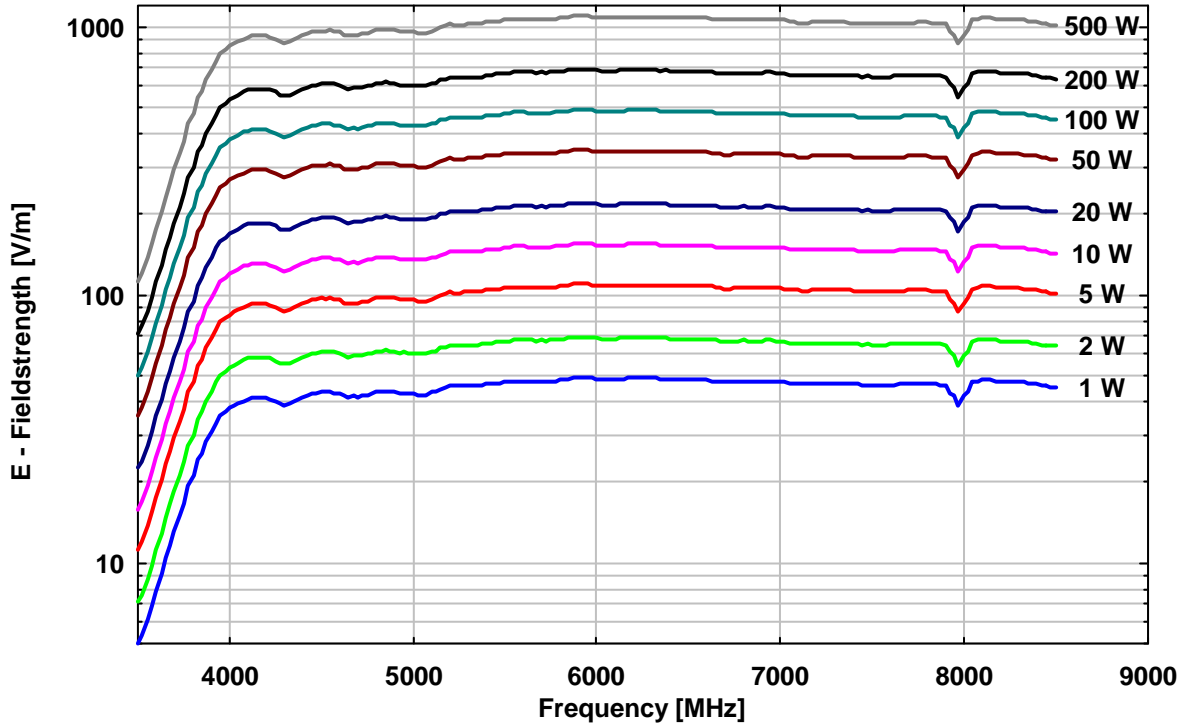
Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
7550.00	20.20	27.58
7575.00	20.24	27.57
7600.00	20.24	27.60
7625.00	20.25	27.61
7650.00	20.27	27.63
7675.00	20.28	27.64
7700.00	20.30	27.65
7725.00	20.30	27.67
7750.00	20.33	27.68
7775.00	20.31	27.72
7800.00	20.30	27.76
7825.00	20.28	27.81
7850.00	20.28	27.84
7875.00	20.25	27.90
7900.00	20.21	27.96
7925.00	19.65	28.55
7950.00	19.39	28.83
7975.00	18.70	29.56
8000.00	19.40	28.88
8025.00	19.76	28.55
8050.00	20.43	27.90
8075.00	20.56	27.80
8100.00	20.61	27.78
8125.00	20.65	27.77
8150.00	20.59	27.85
8175.00	20.57	27.90
8200.00	20.52	27.98
8225.00	20.49	28.03
8250.00	20.48	28.07
8275.00	20.46	28.12
8300.00	20.48	28.12
8325.00	20.44	28.18
8350.00	20.42	28.23
8375.00	20.33	28.35
8400.00	20.30	28.41
8425.00	20.22	28.51
8450.00	20.19	28.57
8475.00	20.09	28.69
8500.00	20.08	28.72



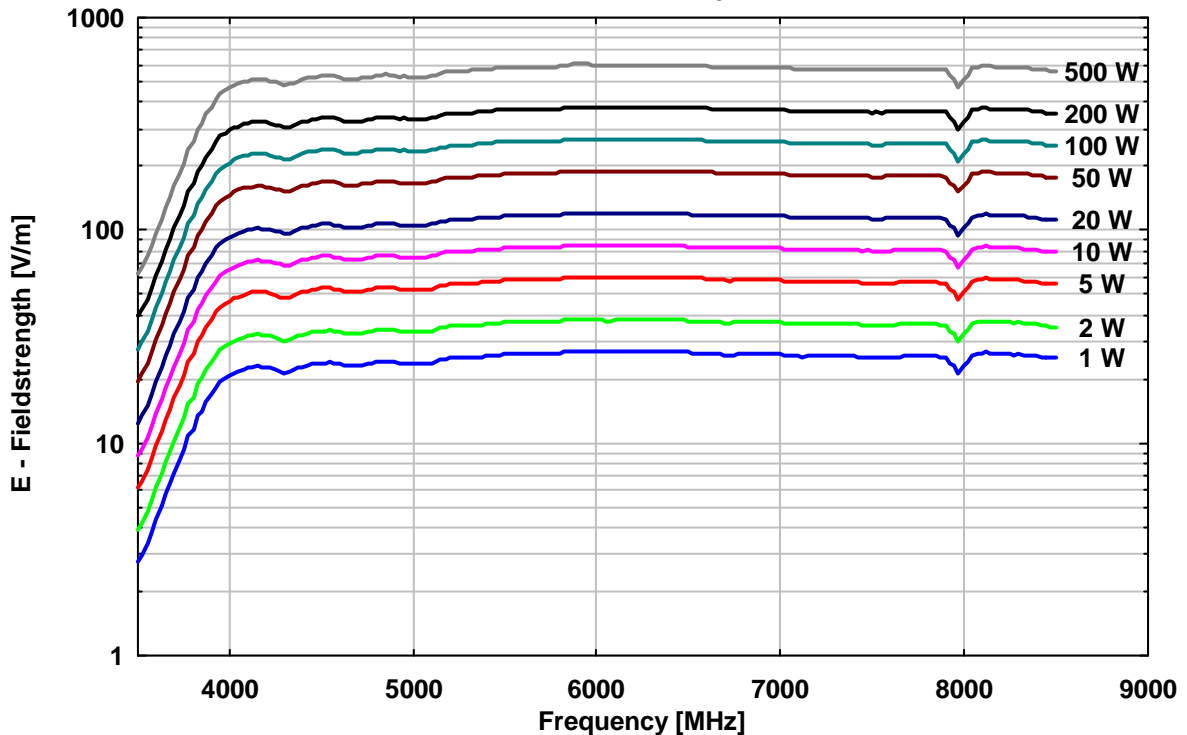


Erzeugte Elektrische Feldstärke vor der Antennenspitze
unmoduliert, Eingangsleistung an 7/16-Buchse, Reflexionsfreie Umgebung
Generated Electrical Fieldstrength in front of Antenna Tip
no modulation, Input Power at 7/16-Connector, Anechoic Environmental Conditions

HA 9250-48 1 m Tip - EuT

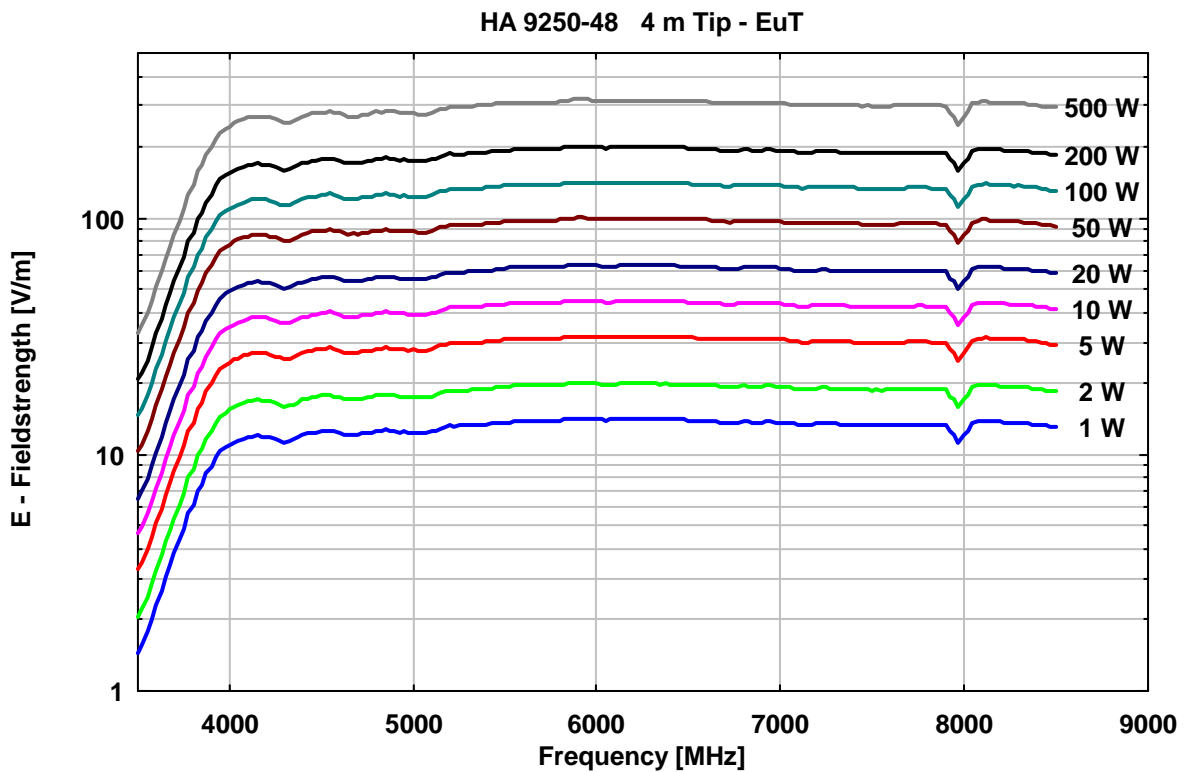
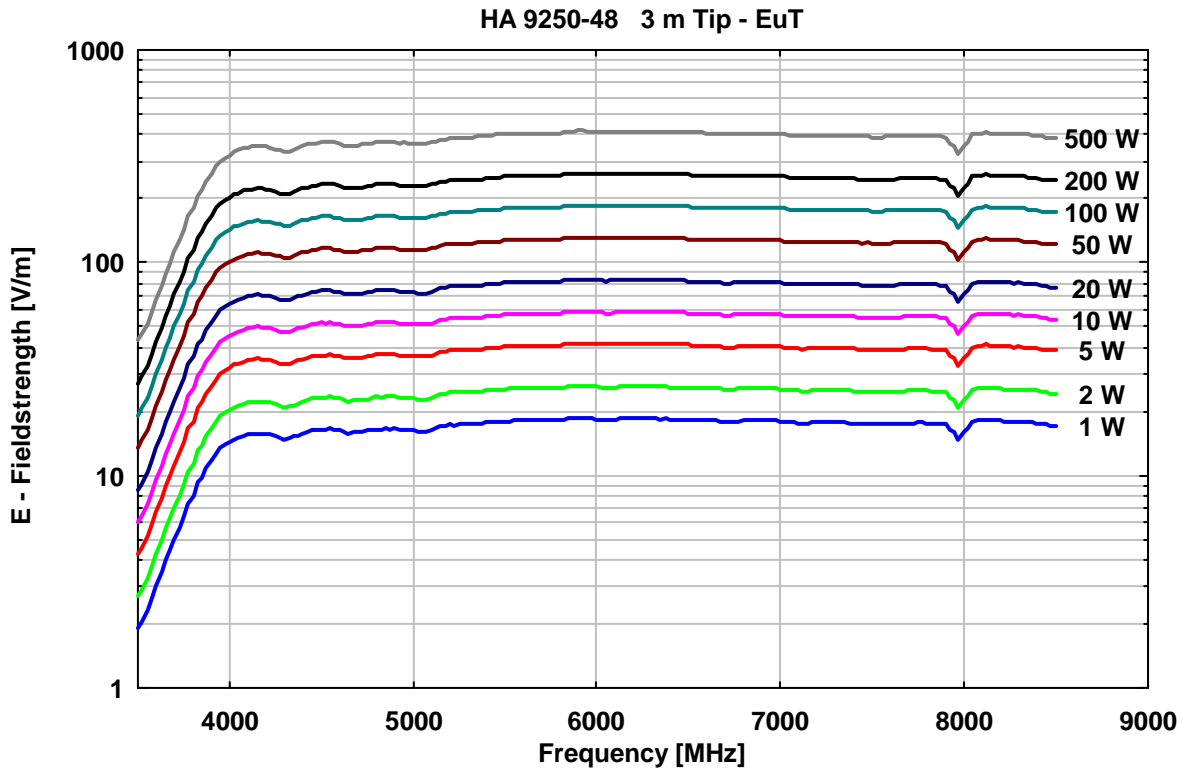


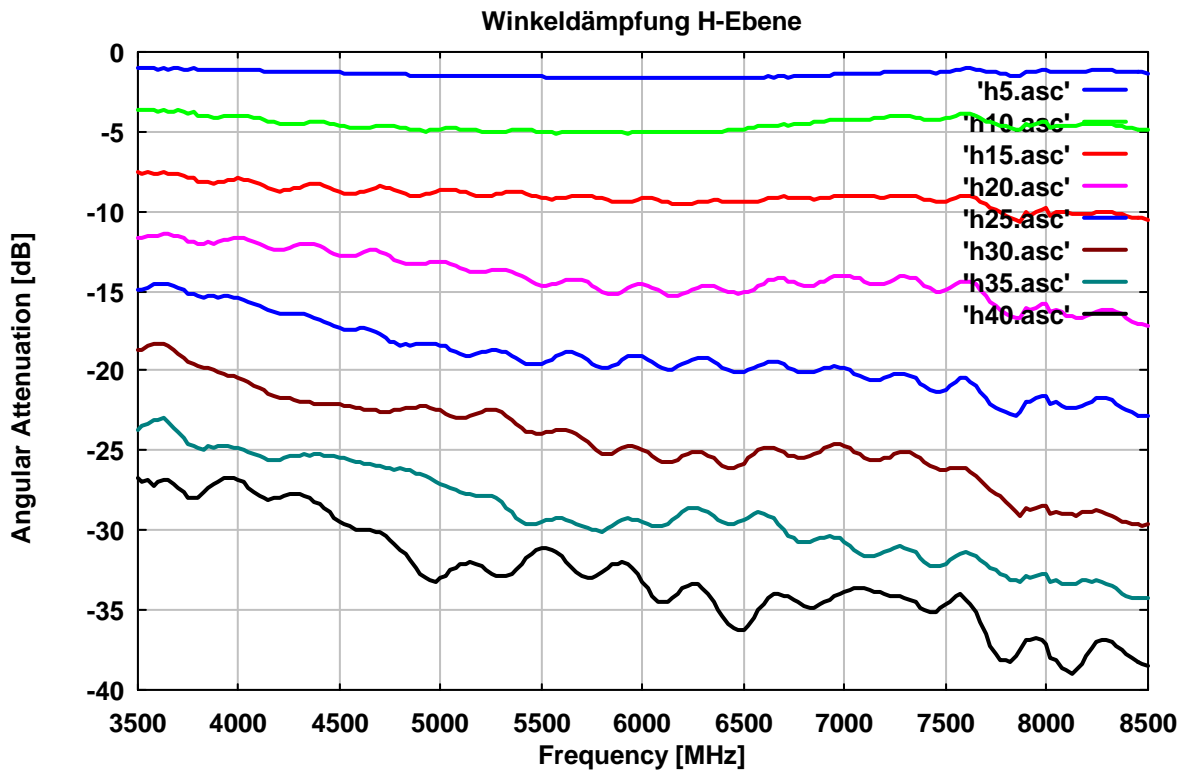
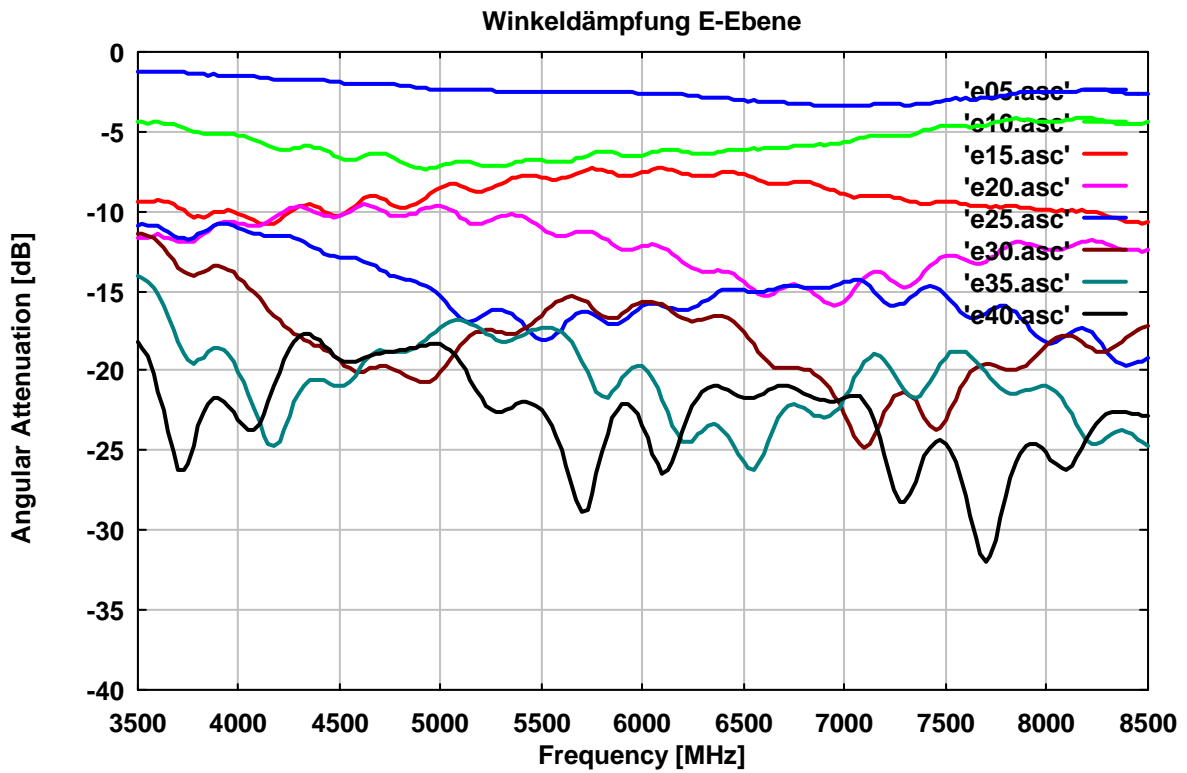
HA 9250-48 2 m Tip - EuT





Erzeugte Elektrische Feldstärke vor der Antennenspitze
unmoduliert, Eingangsleistung an 7/16-Buchse, Reflexionsfreie Umgebung
Generated Electrical Fieldstrength in front of Antenna Tip
no modulation, Input Power at 7/16-Connector, Anechoic Environmental Conditions







Maximale Eingangsleistung

