Dual polarisierte Breitband-Hornantenne
Dual polarized broadband horn antenna

Beschreibung:

Dual polarisierte Doppelsteg Breitbandantenne in Aluminiumausführung für Empfangs- und Sendeanwendungen.

Die Hauptanwendung der CTIA 0710 sind OTA-Messungen (Over-the-Air, "Luftschnittstelle"). Hierzu zählen unter anderem TIS (Total Isotropic Sensitvity), TRP (Total Radiated Power) und NHPRP (Near Horizon Partial Radiated Power)

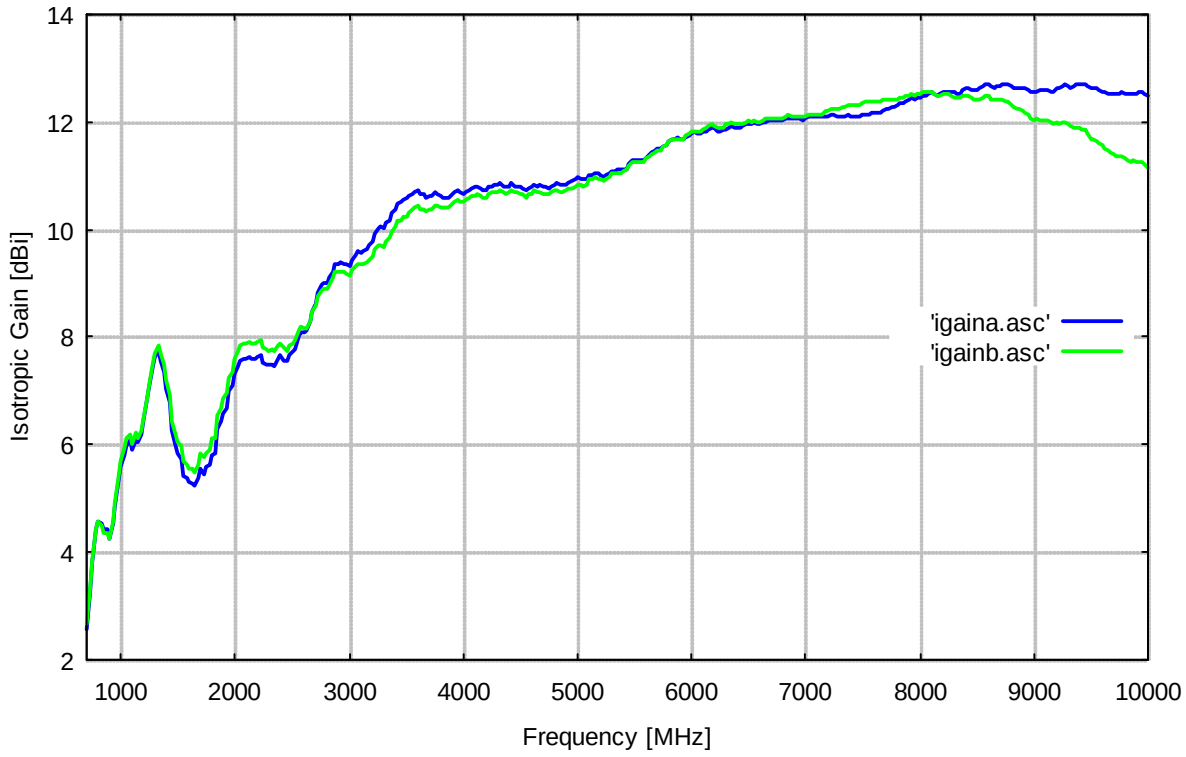
Description:

Linear polarized dual double ridged broadband antenna for receive and transmit applications made of aluminium.

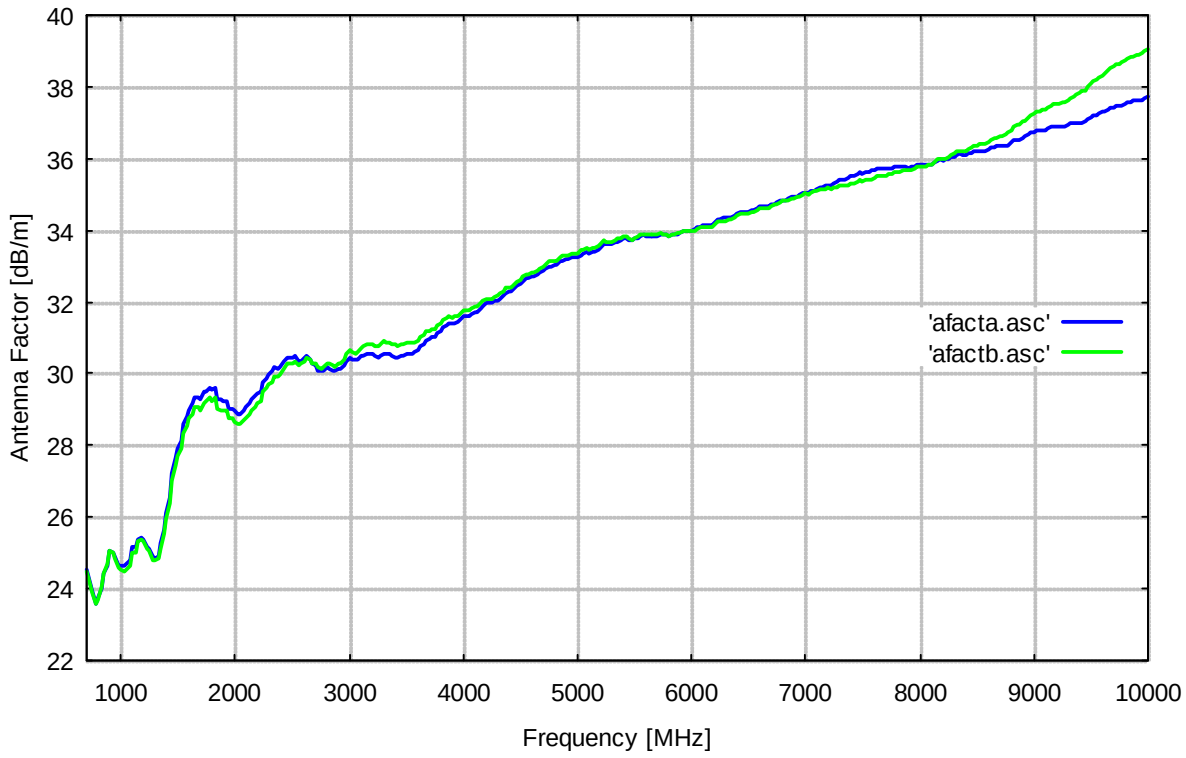
Main applications of the CTIA 0710 are OTA-measurements (over the air) as e.g. TIS (total isotropic sensivity), TRP (total radiated power), NHPRP (near horizon partial radiated power).

Technische Daten:		***Specifications:***
Frequenzbereich, nominell:	0.7...10 GHz	*Nominal Frequency Range:*
Isotropgewinn:	5 ... 13 dBi (f > 1 GHz)	*Isotropic Gain:*
Antennenfaktor:	25 ... 39 dB/m (f > 1 GHz)	*Antenna Factor:*
Impedanz, nominell:	50 Ω	*Nominal Impedance:*
Stehwellenverhältnis SWR typisch:	2	*Standing Wave Ratio SWR typical:*
Stehwellenverhältnis SWR max.:	< 3 (f > 1.25 GHz)	*Standing Wave Ratio SWR max.:*
Entkopplung der Tore:	typ. > 30 dB	*Port Isolation:*
Polarisationsentkopplung:	typ. > 25 dB	*Cross Polarisation:*
3 dB Öffnungswinkel typ.(E-Ebene):	40-80°	*3 dB Beamwidth typ. (E-Plane):*
3 dB Öffnungswinkel typ.(H-Ebene):	40-140°	*3 dB Beamwidth typ. (H-Plane):*
Max. Eingangsleistung:	100 W (intermitt.) 50 W (cont.)	*Max. Input Power:*
Anschlußart: SMA-Buchse		*SMA-Connector female*
Halterung: Flanschplatte mit 4 Borhrungen ϕ 6.2 mm in quadratischer Anordnung, Lochabstand: 75 mm		*Mount: flange plate with 4 holes ϕ 6.2 mm in square, drill spacing 75 mm*
Breite x Länge x Höhe:	235 x 200 x 235 mm	*Width x Length x Height:*
Gewicht:	0.84 kg	*Weight:*
Option: Halterungsrohr	220 x 22 mm	*Option: Mounting Tube*

Isotropgewinn



Antennenwandlungsmaß



Frequency	Gain(Isotr.) Section A	Ant.-Factor Section A		Gain(Isotr.) Section B	Ant.-Factor Section B
Frequenz	Isotrop-gewinn	Ant.-Wand-lungsmaß		Isotrop-gewinn	Ant.-Wand-lungsmaß
MHz	dBi	dB/m		dBi	dB/m
600.00	-0.91	26.69		-0.75	26.53
625.00	-0.16	26.29		-0.06	26.19
650.00	0.71	25.77		0.79	25.69
675.00	1.59	25.22		1.67	25.14
700.00	2.57	24.55		2.65	24.47
725.00	3.25	24.17		3.32	24.11
750.00	3.78	23.94		3.83	23.89
775.00	4.42	23.59		4.44	23.57
800.00	4.56	23.73		4.57	23.71
825.00	4.54	24.01		4.50	24.05
850.00	4.41	24.40		4.37	24.44
875.00	4.41	24.65		4.35	24.71
900.00	4.26	25.04		4.24	25.07
925.00	4.54	25.00		4.55	24.99
950.00	4.86	24.92		4.91	24.87
975.00	5.35	24.65		5.42	24.58
1000.00	5.58	24.64		5.68	24.54
1025.00	5.80	24.64		5.93	24.50
1050.00	5.96	24.68		6.10	24.55
1075.00	6.07	24.78		6.20	24.65
1100.00	5.89	25.15		6.02	25.03
1125.00	6.09	25.15		6.21	25.03
1150.00	6.03	25.40		6.11	25.32
1175.00	6.20	25.42		6.25	25.37
1200.00	6.42	25.39		6.46	25.34
1225.00	6.84	25.14		6.87	25.12
1250.00	7.07	25.09		7.11	25.05
1275.00	7.44	24.89		7.51	24.82
1300.00	7.62	24.87		7.71	24.79
1325.00	7.74	24.92		7.83	24.83
1350.00	7.57	25.26		7.69	25.13
1375.00	7.33	25.66		7.48	25.51
1400.00	7.04	26.10		7.19	25.95
1425.00	6.78	26.52		6.94	26.36
1450.00	6.24	27.21		6.43	27.01
1475.00	5.96	27.63		6.18	27.42
1500.00	5.83	27.91		6.04	27.70
1525.00	5.74	28.14		5.98	27.91
1550.00	5.42	28.60		5.70	28.33
1575.00	5.37	28.80		5.61	28.55
1600.00	5.32	28.98		5.56	28.74
1625.00	5.28	29.16		5.56	28.88
1650.00	5.22	29.35		5.48	29.09
1675.00	5.38	29.32		5.63	29.07
1700.00	5.56	29.27		5.85	28.98
1725.00	5.46	29.50		5.75	29.20
1750.00	5.59	29.49		5.84	29.24
1775.00	5.61	29.59		5.90	29.31
1800.00	5.81	29.52		6.10	29.23
1825.00	5.83	29.62		6.11	29.34

Frequency	Gain(Isotr.) Section A	Ant.-Factor Section A		Gain(Isotr.) Section B	Ant.-Factor Section B
Frequenz	Isotrop-gewinn	Ant.-Wand-lungsmaß		Isotrop-gewinn	Ant.-Wand-lungsmaß
MHz	dBi	dB/m		dBi	dB/m
1850.00	6.28	29.28		6.55	29.01
1875.00	6.42	29.26		6.69	28.99
1900.00	6.58	29.22		6.84	28.96
1925.00	6.69	29.22		6.95	28.96
1950.00	7.00	29.02		7.25	28.77
1975.00	7.09	29.04		7.36	28.77
2000.00	7.30	28.94		7.58	28.66
2025.00	7.47	28.87		7.75	28.59
2050.00	7.57	28.88		7.85	28.60
2075.00	7.59	28.97		7.87	28.69
2100.00	7.60	29.06		7.88	28.78
2125.00	7.62	29.15		7.90	28.86
2150.00	7.58	29.28		7.88	28.99
2175.00	7.59	29.38		7.88	29.09
2200.00	7.63	29.43		7.92	29.15
2225.00	7.66	29.51		7.94	29.23
2250.00	7.52	29.75		7.79	29.47
2275.00	7.49	29.87		7.77	29.59
2300.00	7.49	29.97		7.75	29.70
2325.00	7.50	30.05		7.77	29.78
2350.00	7.47	30.17		7.73	29.91
2375.00	7.60	30.14		7.84	29.90
2400.00	7.65	30.17		7.87	29.95
2425.00	7.57	30.34		7.79	30.13
2450.00	7.56	30.44		7.75	30.26
2475.00	7.65	30.44		7.83	30.26
2500.00	7.72	30.46		7.89	30.29
2525.00	7.78	30.48		7.93	30.34
2550.00	8.00	30.35		8.11	30.24
2575.00	8.09	30.34		8.18	30.26
2600.00	8.10	30.42		8.17	30.35
2625.00	8.12	30.48		8.16	30.44
2650.00	8.30	30.39		8.31	30.37
2675.00	8.47	30.30		8.46	30.30
2700.00	8.60	30.25		8.57	30.27
2725.00	8.83	30.10		8.76	30.16
2750.00	8.95	30.05		8.86	30.14
2775.00	9.01	30.07		8.91	30.17
2800.00	8.99	30.17		8.88	30.29
2825.00	9.10	30.14		8.96	30.28
2850.00	9.22	30.10		9.09	30.23
2875.00	9.34	30.06		9.20	30.19
2900.00	9.36	30.11		9.20	30.27
2925.00	9.40	30.14		9.23	30.31
2950.00	9.37	30.24		9.20	30.41
2975.00	9.34	30.35		9.16	30.53
3000.00	9.32	30.44		9.14	30.63
3025.00	9.43	30.41		9.24	30.59
3050.00	9.54	30.37		9.33	30.57
3075.00	9.59	30.39		9.37	30.61
3100.00	9.58	30.47		9.35	30.70

Frequency	Gain(Isotr.) Section A	Ant.-Factor Section A		Gain(Isotr.) Section B	Ant.-Factor Section B
Frequenz	Isotrop-gewinn	Ant.-Wand-lungsmaß		Isotrop-gewinn	Ant.-Wand-lungsmaß
MHz	dBi	dB/m		dBi	dB/m
3125.00	9.61	30.51		9.36	30.76
3150.00	9.64	30.54		9.38	30.81
3175.00	9.70	30.55		9.44	30.81
3200.00	9.79	30.53		9.51	30.81
3225.00	9.92	30.47		9.62	30.77
3250.00	10.01	30.44		9.71	30.75
3275.00	10.04	30.49		9.71	30.81
3300.00	10.03	30.56		9.68	30.91
3325.00	10.12	30.54		9.78	30.88
3350.00	10.17	30.55		9.83	30.89
3375.00	10.29	30.50		9.95	30.83
3400.00	10.39	30.46		10.05	30.80
3425.00	10.49	30.42		10.15	30.77
3450.00	10.50	30.48		10.16	30.82
3475.00	10.56	30.48		10.23	30.81
3500.00	10.57	30.53		10.25	30.85
3525.00	10.61	30.55		10.30	30.86
3550.00	10.66	30.56		10.36	30.86
3575.00	10.69	30.59		10.41	30.88
3600.00	10.71	30.63		10.44	30.91
3625.00	10.67	30.74		10.39	31.02
3650.00	10.65	30.82		10.38	31.09
3675.00	10.60	30.93		10.35	31.18
3700.00	10.62	30.97		10.38	31.20
3725.00	10.62	31.02		10.39	31.25
3750.00	10.68	31.03		10.46	31.24
3775.00	10.64	31.12		10.43	31.33
3800.00	10.62	31.19		10.42	31.40
3825.00	10.59	31.28		10.40	31.48
3850.00	10.59	31.34		10.40	31.53
3875.00	10.59	31.40		10.41	31.58
3900.00	10.64	31.40		10.47	31.57
3925.00	10.68	31.42		10.51	31.59
3950.00	10.71	31.44		10.54	31.61
3975.00	10.70	31.51		10.53	31.68
4000.00	10.67	31.59		10.50	31.76
4025.00	10.70	31.62		10.54	31.78
4050.00	10.74	31.63		10.60	31.77
4075.00	10.77	31.65		10.62	31.80
4100.00	10.78	31.70		10.63	31.85
4125.00	10.81	31.72		10.65	31.88
4150.00	10.77	31.81		10.63	31.95
4175.00	10.74	31.89		10.60	32.04
4200.00	10.74	31.95		10.59	32.09
4225.00	10.78	31.96		10.64	32.10
4250.00	10.81	31.98		10.69	32.10
4275.00	10.82	32.02		10.69	32.15
4300.00	10.84	32.05		10.70	32.19
4325.00	10.85	32.08		10.72	32.22
4350.00	10.81	32.18		10.69	32.30
4375.00	10.78	32.26		10.66	32.38

Frequency	Gain(Isotr.) Section A	Ant.-Factor Section A		Gain(Isotr.) Section B	Ant.-Factor Section B
Frequenz	Isotrop-gewinn	Ant.-Wand-lungsmaß		Isotrop-gewinn	Ant.-Wand-lungsmaß
MHz	dBi	dB/m		dBi	dB/m
4400.00	10.81	32.28		10.69	32.40
4425.00	10.85	32.29		10.74	32.40
4450.00	10.80	32.38		10.69	32.49
4475.00	10.79	32.44		10.68	32.56
4500.00	10.79	32.50		10.67	32.62
4525.00	10.76	32.57		10.64	32.69
4550.00	10.71	32.67		10.60	32.78
4575.00	10.75	32.68		10.64	32.79
4600.00	10.78	32.69		10.67	32.80
4625.00	10.83	32.70		10.71	32.81
4650.00	10.81	32.76		10.69	32.88
4675.00	10.82	32.80		10.69	32.93
4700.00	10.79	32.88		10.66	33.00
4725.00	10.79	32.92		10.67	33.04
4750.00	10.75	33.00		10.64	33.12
4775.00	10.80	33.00		10.68	33.12
4800.00	10.84	33.01		10.71	33.13
4825.00	10.85	33.03		10.73	33.16
4850.00	10.82	33.11		10.69	33.24
4875.00	10.83	33.15		10.70	33.28
4900.00	10.84	33.18		10.71	33.31
4925.00	10.86	33.21		10.75	33.32
4950.00	10.89	33.22		10.77	33.34
4975.00	10.93	33.23		10.80	33.36
5000.00	10.97	33.23		10.84	33.36
5025.00	10.94	33.31		10.82	33.43
5050.00	10.93	33.36		10.81	33.47
5075.00	10.95	33.38		10.84	33.49
5100.00	11.01	33.36		10.92	33.45
5125.00	11.01	33.41		10.93	33.49
5150.00	11.06	33.40		10.97	33.48
5175.00	11.03	33.46		10.95	33.55
5200.00	11.02	33.52		10.94	33.60
5225.00	10.96	33.62		10.89	33.70
5250.00	10.99	33.63		10.93	33.69
5275.00	11.04	33.63		10.98	33.69
5300.00	11.08	33.62		11.03	33.67
5325.00	11.08	33.67		11.03	33.71
5350.00	11.10	33.69		11.04	33.75
5375.00	11.12	33.71		11.06	33.77
5400.00	11.11	33.76		11.07	33.80
5425.00	11.13	33.78		11.10	33.81
5450.00	11.21	33.74		11.17	33.78
5475.00	11.28	33.71		11.24	33.74
5500.00	11.28	33.75		11.24	33.78
5525.00	11.29	33.78		11.24	33.83
5550.00	11.29	33.81		11.25	33.86
5575.00	11.29	33.86		11.25	33.90
5600.00	11.34	33.84		11.31	33.88
5625.00	11.39	33.83		11.36	33.86
5650.00	11.43	33.83		11.40	33.86

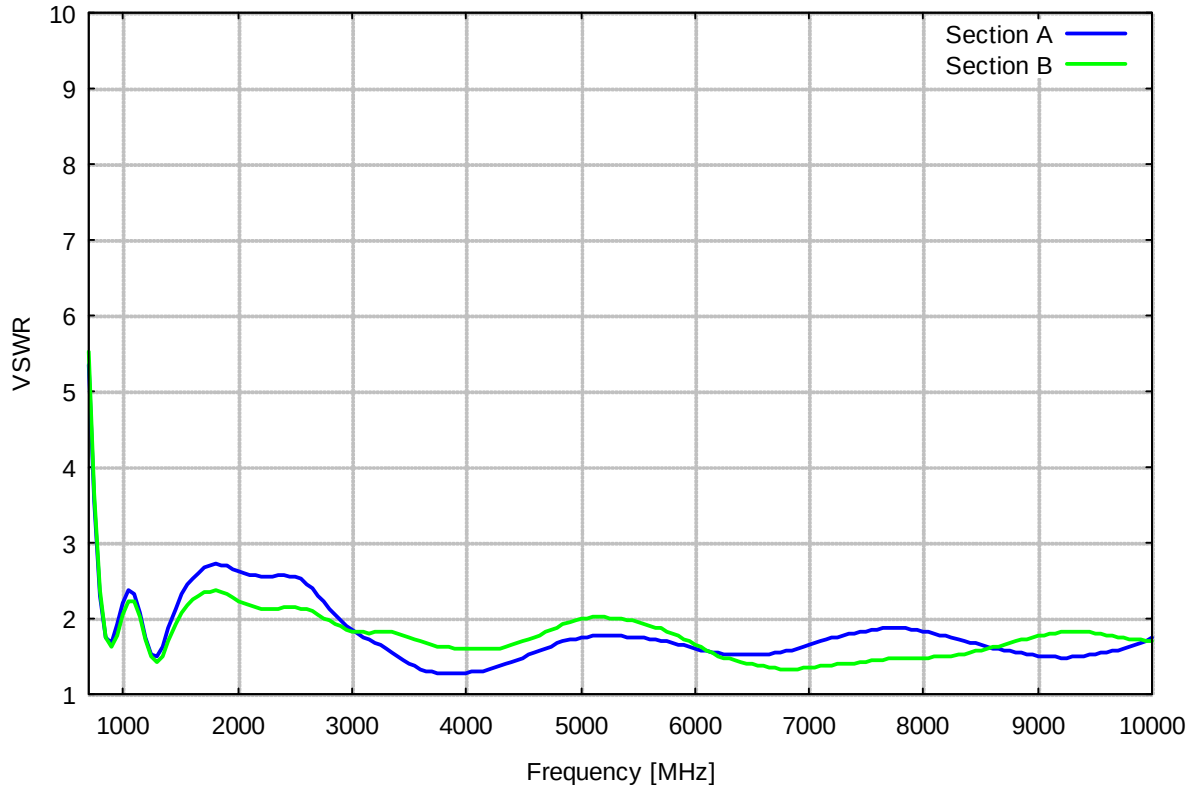
Frequency	Gain(Isotr.) Section A	Ant.-Factor Section A		Gain(Isotr.) Section B	Ant.-Factor Section B
Frequenz	Isotrop-gewinn	Ant.-Wand-lungsmaß		Isotrop-gewinn	Ant.-Wand-lungsmaß
MHz	dBi	dB/m		dBi	dB/m
5675.00	11.47	33.82		11.44	33.86
5700.00	11.51	33.82		11.48	33.86
5725.00	11.50	33.88		11.47	33.91
5750.00	11.54	33.87		11.52	33.89
5775.00	11.58	33.87		11.57	33.88
5800.00	11.65	33.84		11.65	33.84
5825.00	11.67	33.86		11.67	33.86
5850.00	11.69	33.87		11.69	33.87
5875.00	11.70	33.90		11.69	33.91
5900.00	11.69	33.95		11.68	33.95
5925.00	11.68	33.99		11.68	33.99
5950.00	11.72	33.99		11.73	33.98
5975.00	11.75	34.00		11.77	33.98
6000.00	11.79	34.00		11.80	33.98
6025.00	11.80	34.02		11.82	34.00
6050.00	11.78	34.07		11.80	34.05
6075.00	11.79	34.11		11.81	34.08
6100.00	11.81	34.12		11.85	34.08
6125.00	11.81	34.15		11.87	34.09
6150.00	11.85	34.15		11.91	34.09
6175.00	11.88	34.15		11.94	34.10
6200.00	11.87	34.20		11.93	34.14
6225.00	11.82	34.28		11.88	34.22
6250.00	11.83	34.30		11.89	34.25
6275.00	11.84	34.33		11.90	34.27
6300.00	11.86	34.34		11.94	34.27
6325.00	11.87	34.37		11.95	34.29
6350.00	11.91	34.37		11.98	34.29
6375.00	11.90	34.41		11.97	34.34
6400.00	11.89	34.45		11.96	34.38
6425.00	11.87	34.51		11.94	34.44
6450.00	11.91	34.50		11.97	34.44
6475.00	11.95	34.50		12.01	34.43
6500.00	11.95	34.53		12.02	34.46
6525.00	11.96	34.56		12.01	34.50
6550.00	11.98	34.56		12.02	34.52
6575.00	11.97	34.61		12.01	34.57
6600.00	11.94	34.67		11.99	34.62
6625.00	11.98	34.66		12.02	34.62
6650.00	12.01	34.66		12.06	34.62
6675.00	12.02	34.69		12.07	34.64
6700.00	12.03	34.71		12.07	34.68
6725.00	12.04	34.74		12.07	34.70
6750.00	12.03	34.77		12.06	34.74
6775.00	12.02	34.81		12.06	34.78
6800.00	12.02	34.85		12.07	34.80
6825.00	12.05	34.85		12.10	34.80
6850.00	12.08	34.86		12.12	34.81
6875.00	12.05	34.92		12.10	34.86
6900.00	12.05	34.94		12.10	34.90
6925.00	12.08	34.95		12.10	34.92

Frequency	Gain(Isotr.) Section A	Ant.-Factor Section A		Gain(Isotr.) Section B	Ant.-Factor Section B
Frequenz	Isotrop-gewinn	Ant.-Wand-lungsmaß		Isotrop-gewinn	Ant.-Wand-lungsmaß
MHz	dBi	dB/m		dBi	dB/m
6950.00	12.06	35.00		12.11	34.95
6975.00	12.04	35.06		12.09	35.00
7000.00	12.08	35.05		12.11	35.01
7025.00	12.11	35.05		12.15	35.00
7050.00	12.10	35.09		12.14	35.05
7075.00	12.10	35.11		12.13	35.08
7100.00	12.09	35.15		12.13	35.11
7125.00	12.10	35.18		12.14	35.13
7150.00	12.10	35.20		12.15	35.15
7175.00	12.11	35.23		12.19	35.15
7200.00	12.11	35.26		12.20	35.17
7225.00	12.15	35.25		12.24	35.16
7250.00	12.13	35.29		12.23	35.19
7275.00	12.11	35.34		12.23	35.22
7300.00	12.11	35.38		12.24	35.25
7325.00	12.11	35.41		12.26	35.26
7350.00	12.11	35.43		12.29	35.26
7375.00	12.12	35.46		12.30	35.27
7400.00	12.11	35.49		12.30	35.30
7425.00	12.11	35.52		12.31	35.32
7450.00	12.11	35.55		12.32	35.34
7475.00	12.09	35.60		12.31	35.38
7500.00	12.13	35.59		12.35	35.37
7525.00	12.13	35.62		12.37	35.38
7550.00	12.15	35.63		12.38	35.40
7575.00	12.16	35.65		12.37	35.43
7600.00	12.18	35.66		12.38	35.46
7625.00	12.17	35.70		12.37	35.50
7650.00	12.18	35.71		12.39	35.50
7675.00	12.20	35.72		12.40	35.52
7700.00	12.23	35.72		12.42	35.53
7725.00	12.25	35.73		12.43	35.55
7750.00	12.26	35.74		12.43	35.57
7775.00	12.27	35.76		12.42	35.61
7800.00	12.30	35.77		12.42	35.64
7825.00	12.33	35.76		12.46	35.63
7850.00	12.34	35.78		12.46	35.65
7875.00	12.39	35.75		12.49	35.66
7900.00	12.43	35.74		12.50	35.67
7925.00	12.44	35.76		12.52	35.68
7950.00	12.43	35.80		12.50	35.73
7975.00	12.44	35.81		12.51	35.75
8000.00	12.44	35.84		12.51	35.77
8025.00	12.48	35.83		12.55	35.76
8050.00	12.50	35.84		12.55	35.79
8075.00	12.51	35.85		12.54	35.82
8100.00	12.54	35.85		12.55	35.84
8125.00	12.52	35.90		12.52	35.90
8150.00	12.49	35.95		12.48	35.96
8175.00	12.51	35.96		12.50	35.97
8200.00	12.55	35.94		12.53	35.97

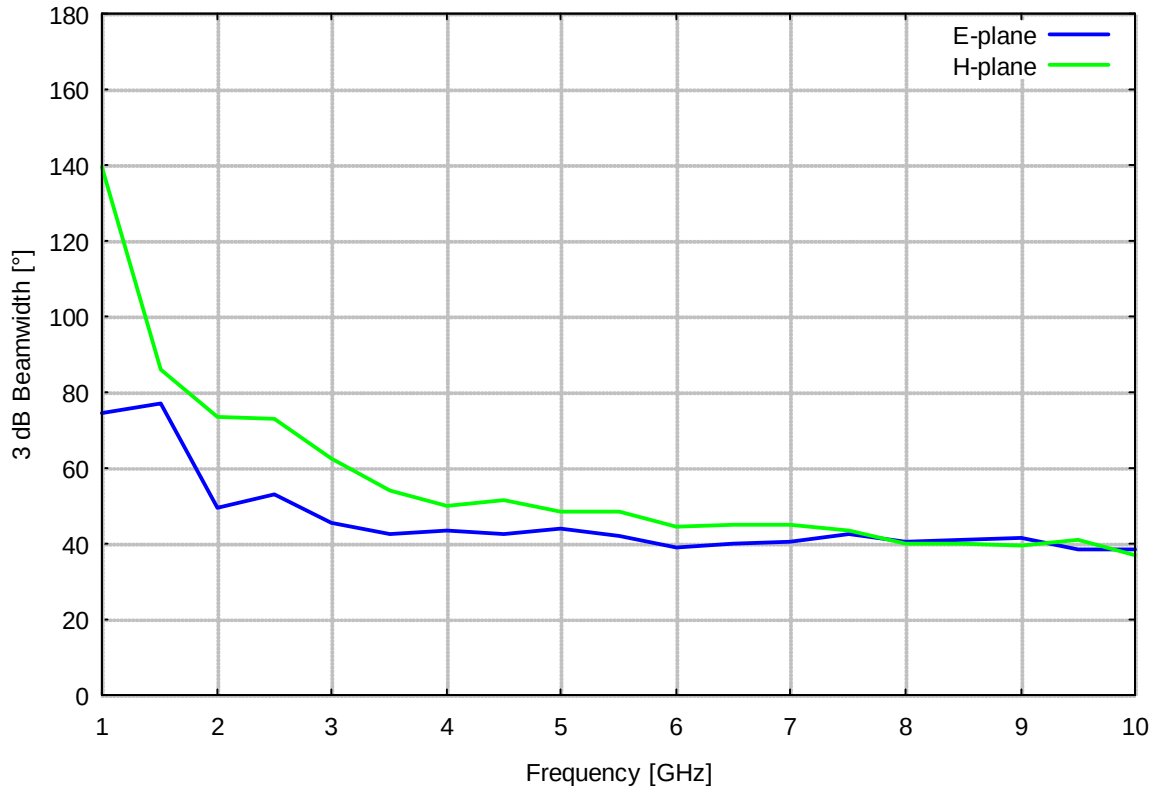
Frequency	Gain(Isotr.) Section A	Ant.-Factor Section A		Gain(Isotr.) Section B	Ant.-Factor Section B
Frequenz	Isotrop-gewinn	Ant.-Wand-lungsmaß		Isotrop-gewinn	Ant.-Wand-lungsmaß
MHz	dBi	dB/m		dBi	dB/m
8225.00	12.56	35.96		12.52	36.00
8250.00	12.57	35.98		12.52	36.03
8275.00	12.56	36.02		12.49	36.08
8300.00	12.54	36.06		12.46	36.14
8325.00	12.53	36.10		12.44	36.19
8350.00	12.53	36.12		12.44	36.21
8375.00	12.59	36.09		12.47	36.21
8400.00	12.61	36.09		12.49	36.22
8425.00	12.61	36.12		12.48	36.25
8450.00	12.59	36.16		12.44	36.31
8475.00	12.58	36.21		12.43	36.36
8500.00	12.59	36.22		12.43	36.38
8525.00	12.61	36.22		12.43	36.40
8550.00	12.65	36.21		12.45	36.41
8575.00	12.68	36.21		12.48	36.41
8600.00	12.68	36.23		12.47	36.44
8625.00	12.66	36.28		12.43	36.51
8650.00	12.64	36.32		12.40	36.56
8675.00	12.65	36.34		12.40	36.59
8700.00	12.67	36.34		12.41	36.60
8725.00	12.69	36.34		12.41	36.62
8750.00	12.71	36.35		12.39	36.67
8775.00	12.71	36.37		12.38	36.71
8800.00	12.67	36.44		12.32	36.79
8825.00	12.63	36.50		12.26	36.87
8850.00	12.64	36.52		12.24	36.91
8875.00	12.64	36.54		12.23	36.96
8900.00	12.63	36.58		12.19	37.02
8925.00	12.64	36.60		12.18	37.05
8950.00	12.60	36.65		12.13	37.13
8975.00	12.57	36.71		12.07	37.21
9000.00	12.55	36.75		12.04	37.26
9025.00	12.56	36.77		12.05	37.28
9050.00	12.58	36.77		12.04	37.31
9075.00	12.60	36.77		12.04	37.34
9100.00	12.60	36.80		12.04	37.36
9125.00	12.59	36.84		12.02	37.41
9150.00	12.57	36.88		11.98	37.47
9175.00	12.57	36.90		11.96	37.51
9200.00	12.61	36.88		11.98	37.51
9225.00	12.63	36.88		11.97	37.54
9250.00	12.66	36.88		11.99	37.55
9275.00	12.68	36.88		11.98	37.58
9300.00	12.67	36.92		11.96	37.63
9325.00	12.64	36.97		11.91	37.70
9350.00	12.66	36.98		11.90	37.74
9375.00	12.69	36.97		11.89	37.77
9400.00	12.69	36.99		11.88	37.81
9425.00	12.70	37.01		11.85	37.86
9450.00	12.70	37.03		11.84	37.89
9475.00	12.67	37.08		11.78	37.97

Frequency	Gain(Isotr.) Section A	Ant.-Factor Section A		Gain(Isotr.) Section B	Ant.-Factor Section B
Frequenz	Isotrop-gewinn	Ant.-Wand-lungsmaß		Isotrop-gewinn	Ant.-Wand-lungsmaß
MHz	dBi	dB/m		dBi	dB/m
9500.00	12.62	37.15		11.69	38.08
9525.00	12.62	37.18		11.67	38.13
9550.00	12.61	37.21		11.64	38.18
9575.00	12.59	37.26		11.59	38.26
9600.00	12.57	37.30		11.56	38.31
9625.00	12.56	37.33		11.51	38.37
9650.00	12.53	37.38		11.46	38.46
9675.00	12.53	37.41		11.42	38.51
9700.00	12.52	37.43		11.40	38.55
9725.00	12.52	37.46		11.37	38.60
9750.00	12.53	37.47		11.37	38.63
9775.00	12.54	37.48		11.36	38.67
9800.00	12.52	37.53		11.34	38.71
9825.00	12.51	37.56		11.29	38.78
9850.00	12.52	37.57		11.27	38.82
9875.00	12.51	37.60		11.29	38.82
9900.00	12.51	37.62		11.27	38.87
9925.00	12.54	37.62		11.25	38.90
9950.00	12.54	37.64		11.24	38.94
9975.00	12.51	37.69		11.21	38.99
10000.00	12.48	37.74		11.15	39.07
10025.00	12.46	37.78		11.10	39.14
10050.00	12.43	37.83		11.06	39.20
10075.00	12.42	37.86		11.04	39.25
10100.00	12.42	37.89		10.99	39.32
10125.00	12.41	37.92		10.95	39.38
10150.00	12.40	37.95		10.91	39.44
10175.00	12.33	38.04		10.80	39.57
10200.00	12.29	38.10		10.73	39.66
10225.00	12.26	38.15		10.69	39.72
10250.00	12.22	38.21		10.59	39.84
10275.00	12.18	38.28		10.50	39.96
10300.00	12.16	38.32		10.46	40.02
10325.00	12.10	38.39		10.35	40.15
10350.00	12.05	38.47		10.24	40.28
10375.00	12.00	38.54		10.17	40.37
10400.00	11.95	38.61		10.06	40.50
10425.00	11.93	38.66		9.97	40.61
10450.00	11.89	38.71		9.91	40.69
10475.00	11.89	38.73		9.88	40.74
10500.00	11.89	38.76		9.83	40.81

Stehwellenverhältnis



3 dB Öffnungswinkel



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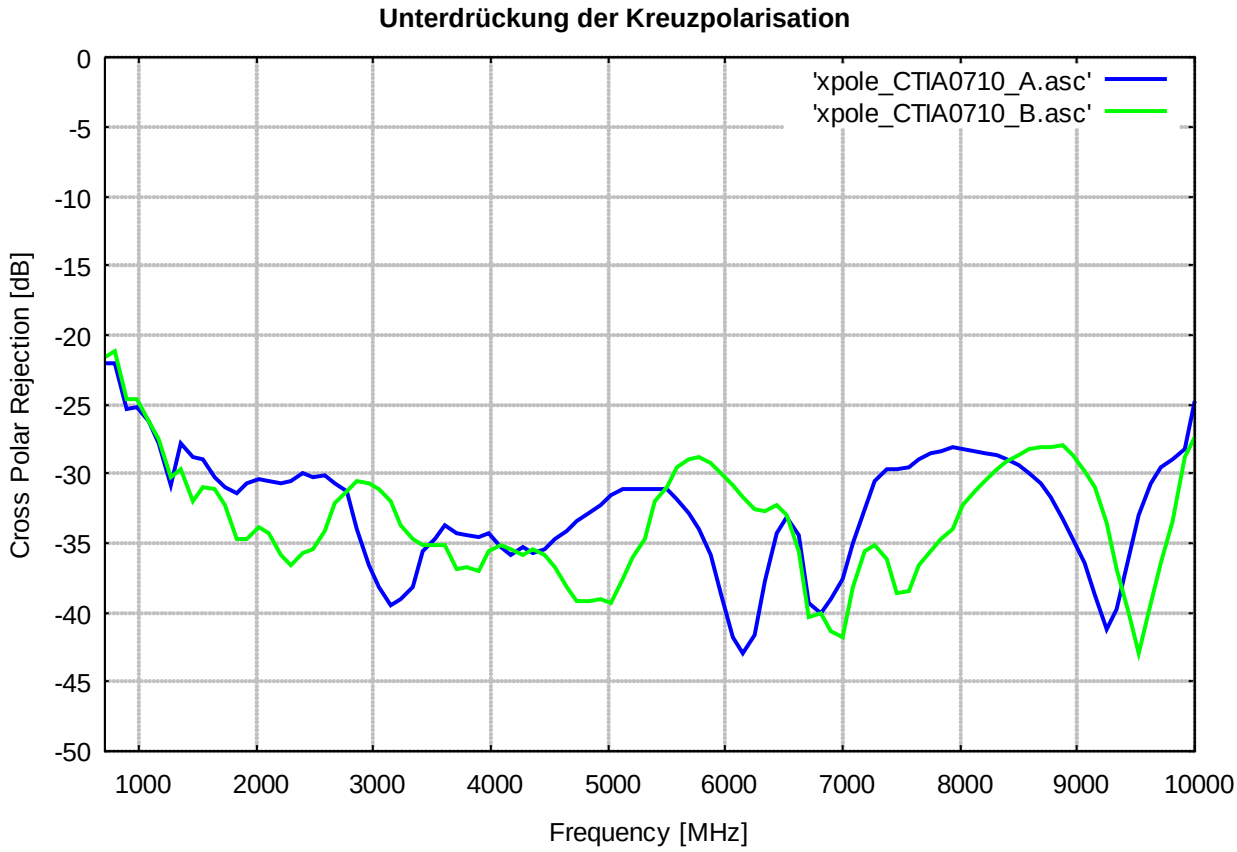

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