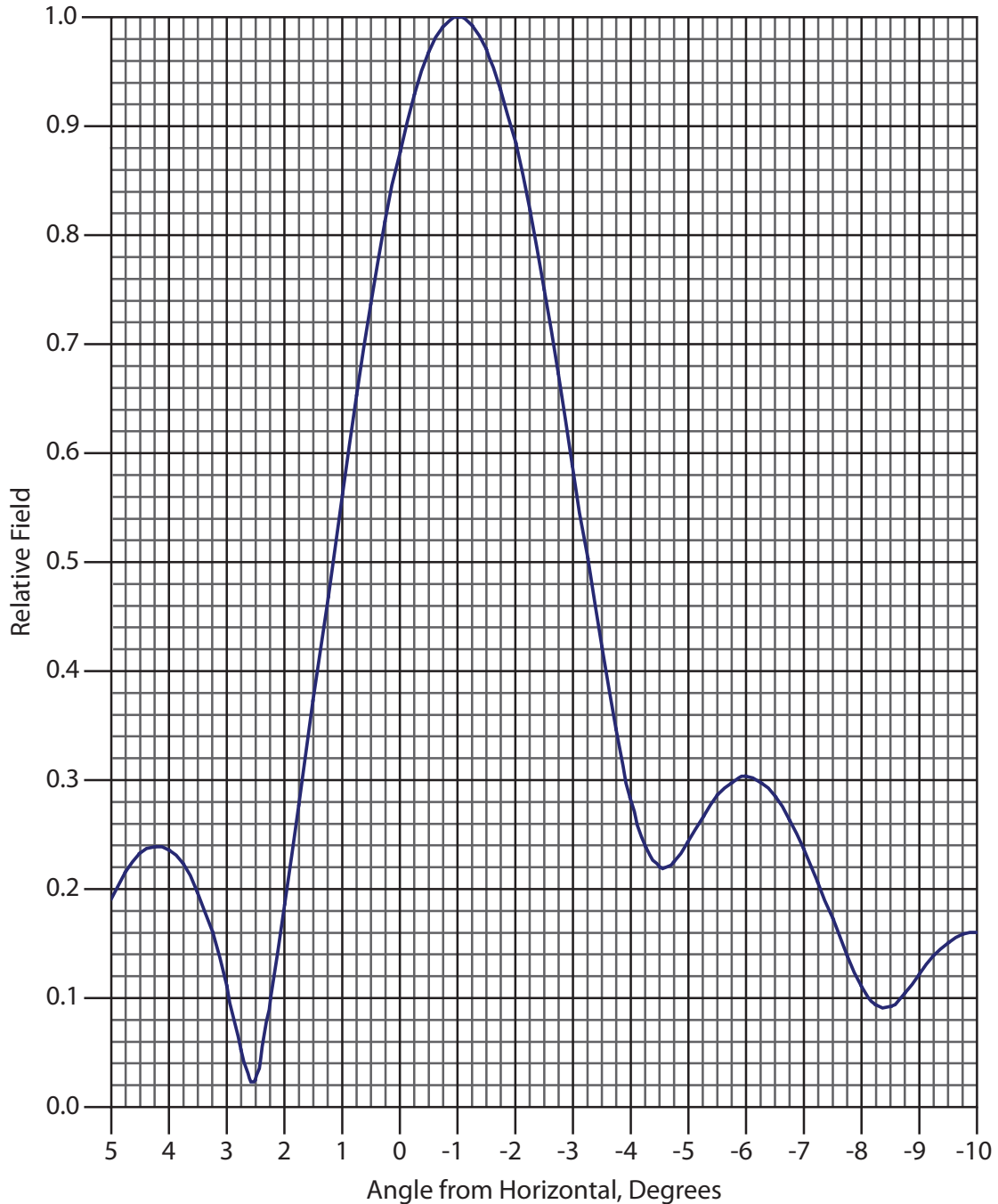


Elevation Pattern

Type:	ATW16G4	
Directivity	Numeric	dBd
Main Lobe:	16.00	(12.04)
Horizontal:	12.27	(10.89)
Beam Tilt	-1.00 °	
Polarization:	Horizontal	
Frequency:		
Location:		



Tabulated Data for Elevation Pattern

Type: ATW16G4

-5 to 10 degrees in 0.25 degree increments
10 to 90 degrees in 0.50 degree increments

Angle	Field	dB
5.00	0.191	-14.40
4.75	0.215	-13.35
4.50	0.232	-12.69
4.25	0.239	-12.43
4.00	0.236	-12.54
3.75	0.223	-13.03
3.50	0.197	-14.11
3.25	0.160	-15.92
3.00	0.111	-19.09
2.75	0.052	-25.68
2.50	0.024	-32.40
2.25	0.100	-20.00
2.00	0.186	-14.61
1.75	0.278	-11.12
1.50	0.373	-8.57
1.25	0.468	-6.60
1.00	0.562	-5.01
0.75	0.653	-3.70
0.50	0.736	-2.66
0.25	0.812	-1.81
0.00	0.876	-1.15
-0.25	0.929	-0.64
-0.50	0.967	-0.29
-0.75	0.991	-0.08
-1.00	1.000	0.00
-1.25	0.993	-0.06
-1.50	0.971	-0.26
-1.75	0.934	-0.59
-2.00	0.884	-1.07
-2.25	0.823	-1.69
-2.50	0.751	-2.49
-2.75	0.673	-3.44
-3.00	0.589	-4.60
-3.25	0.504	-5.95
-3.50	0.422	-7.49
-3.75	0.346	-9.22
-4.00	0.283	-10.96
-4.25	0.239	-12.43
-4.50	0.221	-13.11
-4.75	0.225	-12.96
-5.00	0.244	-12.25
-5.25	0.266	-11.50
-5.50	0.286	-10.87
-5.75	0.298	-10.52
-6.00	0.303	-10.37

Angle	Field	dB
-6.25	0.298	-10.52
-6.50	0.285	-10.90
-6.75	0.264	-11.57
-7.00	0.237	-12.51
-7.25	0.206	-13.72
-7.50	0.172	-15.29
-7.75	0.139	-17.14
-8.00	0.111	-19.09
-8.25	0.094	-20.54
-8.50	0.093	-20.63
-8.75	0.105	-19.58
-9.00	0.121	-18.34
-9.25	0.138	-17.20
-9.50	0.151	-16.42
-9.75	0.159	-15.97
-10.00	0.161	-15.86
-10.50	0.146	-16.71
-11.00	0.116	-18.75
-11.50	0.076	-22.38
-12.00	0.052	-25.68
-12.50	0.062	-24.15
-13.00	0.089	-21.06
-13.50	0.107	-19.45
-14.00	0.109	-19.25
-14.50	0.096	-20.40
-15.00	0.071	-22.97
-15.50	0.048	-26.47
-16.00	0.044	-27.13
-16.50	0.062	-24.15
-17.00	0.082	-21.72
-17.50	0.092	-20.72
-18.00	0.090	-20.96
-18.50	0.076	-22.44
-19.00	0.054	-25.35
-19.50	0.036	-28.87
-20.00	0.037	-28.75
-20.50	0.053	-25.60
-21.00	0.068	-23.35
-21.50	0.075	-22.56
-22.00	0.071	-23.04
-22.50	0.057	-24.88
-23.00	0.039	-28.29
-23.50	0.027	-31.37
-24.00	0.034	-29.50
-24.50	0.051	-25.93

Angle	Field	dB
-25.00	0.065	-23.81
-25.50	0.071	-22.97
-26.00	0.069	-23.29
-26.50	0.058	-24.73
-27.00	0.044	-27.23
-27.50	0.034	-29.37
-28.00	0.038	-28.52
-28.50	0.051	-25.85
-29.00	0.065	-23.81
-29.50	0.073	-22.79
-30.00	0.074	-22.67
-30.50	0.068	-23.41
-31.00	0.056	-25.04
-31.50	0.042	-27.54
-32.00	0.033	-29.76
-32.50	0.034	-29.37
-33.00	0.044	-27.13
-33.50	0.054	-25.35
-34.00	0.060	-24.51
-34.50	0.060	-24.51
-35.00	0.054	-25.43
-35.50	0.043	-27.43
-36.00	0.029	-30.90
-36.50	0.015	-36.48
-37.00	0.013	-37.72
-37.50	0.023	-32.77
-38.00	0.033	-29.63
-38.50	0.039	-28.29
-39.00	0.039	-28.18
-39.50	0.035	-29.12
-40.00	0.027	-31.54
-40.50	0.015	-36.77
-41.00	0.007	-43.10
-41.50	0.013	-38.06
-42.00	0.025	-32.04
-42.50	0.035	-29.12
-43.00	0.041	-27.74
-43.50	0.043	-27.33
-44.00	0.041	-27.85
-44.50	0.034	-29.37
-45.00	0.025	-32.22
-45.50	0.014	-37.39
-46.00	0.010	-40.45
-46.50	0.017	-35.39
-47.00	0.029	-30.90

Angle	Field	dB
-47.50	0.039	-28.29
-48.00	0.046	-26.84
-48.50	0.049	-26.29
-49.00	0.048	-26.38
-49.50	0.044	-27.13
-50.00	0.037	-28.64
-50.50	0.028	-31.21
-51.00	0.016	-35.92
-51.50	0.008	-41.94
-52.00	0.012	-38.79
-52.50	0.023	-32.96
-53.00	0.033	-29.76
-53.50	0.040	-27.96
-54.00	0.045	-26.94
-54.50	0.047	-26.56
-55.00	0.046	-26.74
-55.50	0.042	-27.54
-56.00	0.035	-29.12
-56.50	0.026	-31.70
-57.00	0.016	-36.19
-57.50	0.007	-43.74
-58.00	0.009	-41.41
-58.50	0.020	-33.98
-59.00	0.031	-30.17
-59.50	0.040	-27.96
-60.00	0.048	-26.47
-60.50	0.054	-25.43
-61.00	0.057	-24.88
-61.50	0.058	-24.73
-62.00	0.057	-24.96
-62.50	0.053	-25.51
-63.00	0.048	-26.47
-63.50	0.040	-27.96
-64.00	0.032	-30.03
-64.50	0.022	-33.15
-65.00	0.012	-38.79
-65.50	0.006	-45.19
-66.00	0.011	-39.58
-66.50	0.021	-33.56
-67.00	0.031	-30.31
-67.50	0.039	-28.18
-68.00	0.047	-26.65
-68.50	0.053	-25.51
-69.00	0.059	-24.66
-69.50	0.063	-24.08

Angle	Field	dB
-70.00	0.065	-23.81
-70.50	0.066	-23.68
-71.00	0.066	-23.68
-71.50	0.064	-23.88
-72.00	0.062	-24.22
-72.50	0.059	-24.66
-73.00	0.055	-25.27
-73.50	0.050	-26.02
-74.00	0.046	-26.84
-74.50	0.041	-27.85
-75.00	0.036	-29.00
-75.50	0.031	-30.17
-76.00	0.028	-31.21
-76.50	0.025	-32.04
-77.00	0.024	-32.58
-77.50	0.024	-32.58
-78.00	0.025	-32.22
-78.50	0.026	-31.70
-79.00	0.029	-30.90
-79.50	0.031	-30.17
-80.00	0.033	-29.63
-80.50	0.035	-29.12
-81.00	0.037	-28.75
-81.50	0.038	-28.52
-82.00	0.038	-28.40
-82.50	0.038	-28.40
-83.00	0.038	-28.52
-83.50	0.037	-28.64
-84.00	0.036	-28.87
-84.50	0.035	-29.24
-85.00	0.033	-29.63
-85.50	0.031	-30.31
-86.00	0.028	-31.06
-86.50	0.026	-31.87
-87.00	0.023	-32.96
-87.50	0.020	-34.20
-88.00	0.016	-35.92
-88.50	0.013	-38.06
-89.00	0.009	-40.92
-89.50	0.006	-45.19
-90.00	0.002	-53.98

