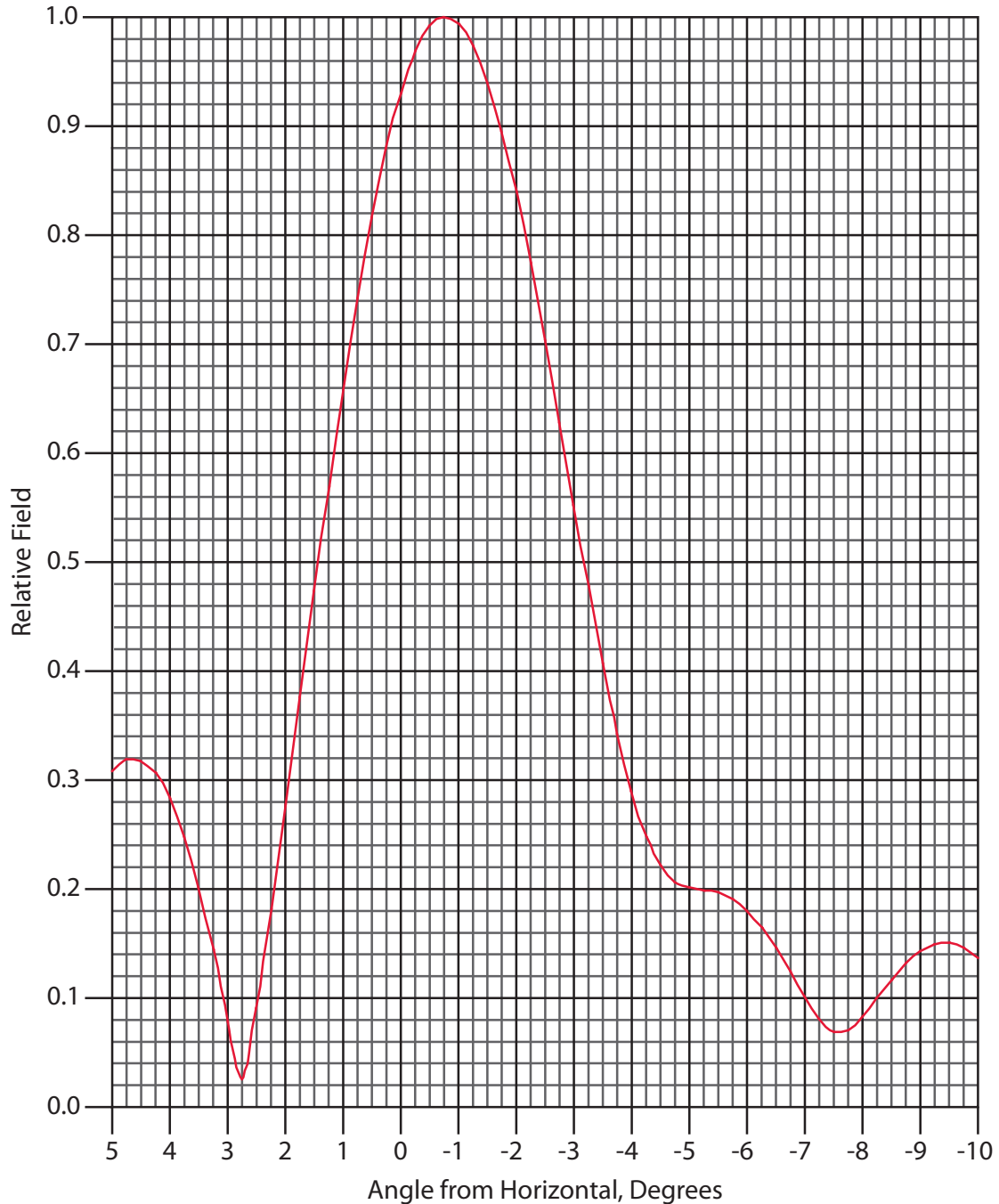


Elevation Pattern

Type:	ATW16V3	
Directivity	Numeric	<i>dBd</i>
Main Lobe:	15.50	(11.90)
Horizontal:	13.43	(11.28)
Beam Tilt	-0.75 °	
Polarization:	Horizontal	
Frequency:		
Location:		



Tabulated Data for Elevation Pattern

Type: ATW16V3

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

Angle	Field	dB
5.00	0.310	-10.17
4.75	0.320	-9.90
4.50	0.319	-9.92
4.25	0.308	-10.23
4.00	0.285	-10.90
3.75	0.250	-12.04
3.50	0.204	-13.81
3.25	0.146	-16.71
3.00	0.080	-21.94
2.75	0.028	-31.06
2.50	0.093	-20.63
2.25	0.183	-14.75
2.00	0.279	-11.09
1.75	0.377	-8.47
1.50	0.475	-6.47
1.25	0.570	-4.88
1.00	0.660	-3.61
0.75	0.743	-2.58
0.50	0.817	-1.76
0.25	0.880	-1.11
0.00	0.931	-0.62
-0.25	0.969	-0.27
-0.50	0.992	-0.07
-0.75	1.000	0.00
-1.00	0.994	-0.05
-1.25	0.974	-0.23
-1.50	0.940	-0.54
-1.75	0.895	-0.96
-2.00	0.839	-1.52
-2.25	0.775	-2.21
-2.50	0.704	-3.05
-2.75	0.629	-4.03
-3.00	0.553	-5.15
-3.25	0.479	-6.39
-3.50	0.408	-7.79
-3.75	0.344	-9.27
-4.00	0.291	-10.72
-4.25	0.250	-12.04
-4.50	0.223	-13.03
-4.75	0.208	-13.64
-5.00	0.203	-13.85
-5.25	0.201	-13.94
-5.50	0.198	-14.07
-5.75	0.192	-14.33
-6.00	0.182	-14.80

Angle	Field	dB
-6.25	0.167	-15.55
-6.50	0.148	-16.59
-6.75	0.126	-17.99
-7.00	0.103	-19.74
-7.25	0.083	-21.62
-7.50	0.071	-22.97
-7.75	0.072	-22.85
-8.00	0.084	-21.51
-8.25	0.102	-19.83
-8.50	0.119	-18.49
-8.75	0.134	-17.46
-9.00	0.145	-16.77
-9.25	0.151	-16.42
-9.50	0.152	-16.36
-9.75	0.148	-16.59
-10.00	0.139	-17.14
-10.50	0.112	-19.02
-11.00	0.078	-22.16
-11.50	0.057	-24.88
-12.00	0.066	-23.61
-12.50	0.086	-21.31
-13.00	0.098	-20.18
-13.50	0.096	-20.35
-14.00	0.080	-21.94
-14.50	0.053	-25.51
-15.00	0.024	-32.40
-15.50	0.033	-29.63
-16.00	0.062	-24.15
-16.50	0.084	-21.51
-17.00	0.094	-20.54
-17.50	0.090	-20.92
-18.00	0.075	-22.50
-18.50	0.051	-25.85
-19.00	0.027	-31.37
-19.50	0.030	-30.46
-20.00	0.052	-25.68
-20.50	0.069	-23.22
-21.00	0.076	-22.38
-21.50	0.072	-22.85
-22.00	0.058	-24.73
-22.50	0.035	-29.12
-23.00	0.012	-38.42
-23.50	0.025	-32.04
-24.00	0.049	-26.20
-24.50	0.067	-23.48

Angle	Field	dB
-25.00	0.076	-22.38
-25.50	0.075	-22.50
-26.00	0.064	-23.88
-26.50	0.046	-26.74
-27.00	0.024	-32.40
-27.50	0.013	-37.72
-28.00	0.031	-30.17
-28.50	0.050	-26.02
-29.00	0.061	-24.29
-29.50	0.065	-23.74
-30.00	0.059	-24.58
-30.50	0.046	-26.74
-31.00	0.027	-31.37
-31.50	0.006	-44.44
-32.00	0.019	-34.42
-32.50	0.040	-27.96
-33.00	0.056	-25.04
-33.50	0.066	-23.61
-34.00	0.068	-23.35
-34.50	0.062	-24.15
-35.00	0.051	-25.85
-35.50	0.034	-29.37
-36.00	0.015	-36.48
-36.50	0.010	-40.00
-37.00	0.028	-31.06
-37.50	0.043	-27.33
-38.00	0.053	-25.51
-38.50	0.056	-25.04
-39.00	0.054	-25.35
-39.50	0.045	-26.94
-40.00	0.032	-29.90
-40.50	0.015	-36.48
-41.00	0.004	-47.96
-41.50	0.022	-33.15
-42.00	0.038	-28.40
-42.50	0.051	-25.85
-43.00	0.060	-24.44
-43.50	0.063	-24.01
-44.00	0.061	-24.29
-44.50	0.054	-25.35
-45.00	0.043	-27.33
-45.50	0.029	-30.75
-46.00	0.014	-37.08
-46.50	0.006	-44.44
-47.00	0.020	-33.98

Angle	Field	dB
-47.50	0.033	-29.63
-48.00	0.043	-27.33
-48.50	0.049	-26.20
-49.00	0.051	-25.85
-49.50	0.048	-26.38
-50.00	0.042	-27.54
-50.50	0.032	-29.90
-51.00	0.020	-33.98
-51.50	0.009	-40.92
-52.00	0.013	-37.72
-52.50	0.026	-31.70
-53.00	0.038	-28.40
-53.50	0.049	-26.20
-54.00	0.058	-24.73
-54.50	0.063	-24.01
-55.00	0.065	-23.74
-55.50	0.064	-23.88
-56.00	0.059	-24.58
-56.50	0.052	-25.68
-57.00	0.043	-27.33
-57.50	0.032	-29.90
-58.00	0.020	-33.98
-58.50	0.007	-43.10
-59.00	0.006	-44.44
-59.50	0.017	-35.39
-60.00	0.027	-31.37
-60.50	0.036	-28.87
-61.00	0.042	-27.54
-61.50	0.046	-26.74
-62.00	0.048	-26.38
-62.50	0.048	-26.38
-63.00	0.046	-26.74
-63.50	0.042	-27.54
-64.00	0.036	-28.87
-64.50	0.031	-30.17
-65.00	0.026	-31.70
-65.50	0.023	-32.77
-66.00	0.025	-32.04
-66.50	0.031	-30.17
-67.00	0.039	-28.18
-67.50	0.048	-26.38
-68.00	0.056	-25.04
-68.50	0.064	-23.88
-69.00	0.071	-22.97
-69.50	0.076	-22.38

Angle	Field	dB
-70.00	0.081	-21.83
-70.50	0.084	-21.51
-71.00	0.086	-21.31
-71.50	0.087	-21.21
-72.00	0.087	-21.21
-72.50	0.086	-21.31
-73.00	0.084	-21.51
-73.50	0.080	-21.94
-74.00	0.076	-22.38
-74.50	0.072	-22.85
-75.00	0.067	-23.48
-75.50	0.062	-24.15
-76.00	0.056	-25.04
-76.50	0.050	-26.02
-77.00	0.044	-27.13
-77.50	0.039	-28.18
-78.00	0.033	-29.63
-78.50	0.028	-31.06
-79.00	0.024	-32.40
-79.50	0.019	-34.42
-80.00	0.016	-35.92
-80.50	0.013	-37.72
-81.00	0.011	-39.17
-81.50	0.010	-40.00
-82.00	0.009	-40.92
-82.50	0.010	-40.00
-83.00	0.010	-40.00
-83.50	0.011	-39.17
-84.00	0.011	-39.17
-84.50	0.012	-38.42
-85.00	0.011	-39.17
-85.50	0.011	-39.17
-86.00	0.011	-39.17
-86.50	0.010	-40.00
-87.00	0.009	-40.92
-87.50	0.008	-41.94
-88.00	0.006	-44.44
-88.50	0.005	-46.02
-89.00	0.003	-50.46
-89.50	0.002	-53.98
-90.00	0.000	---

