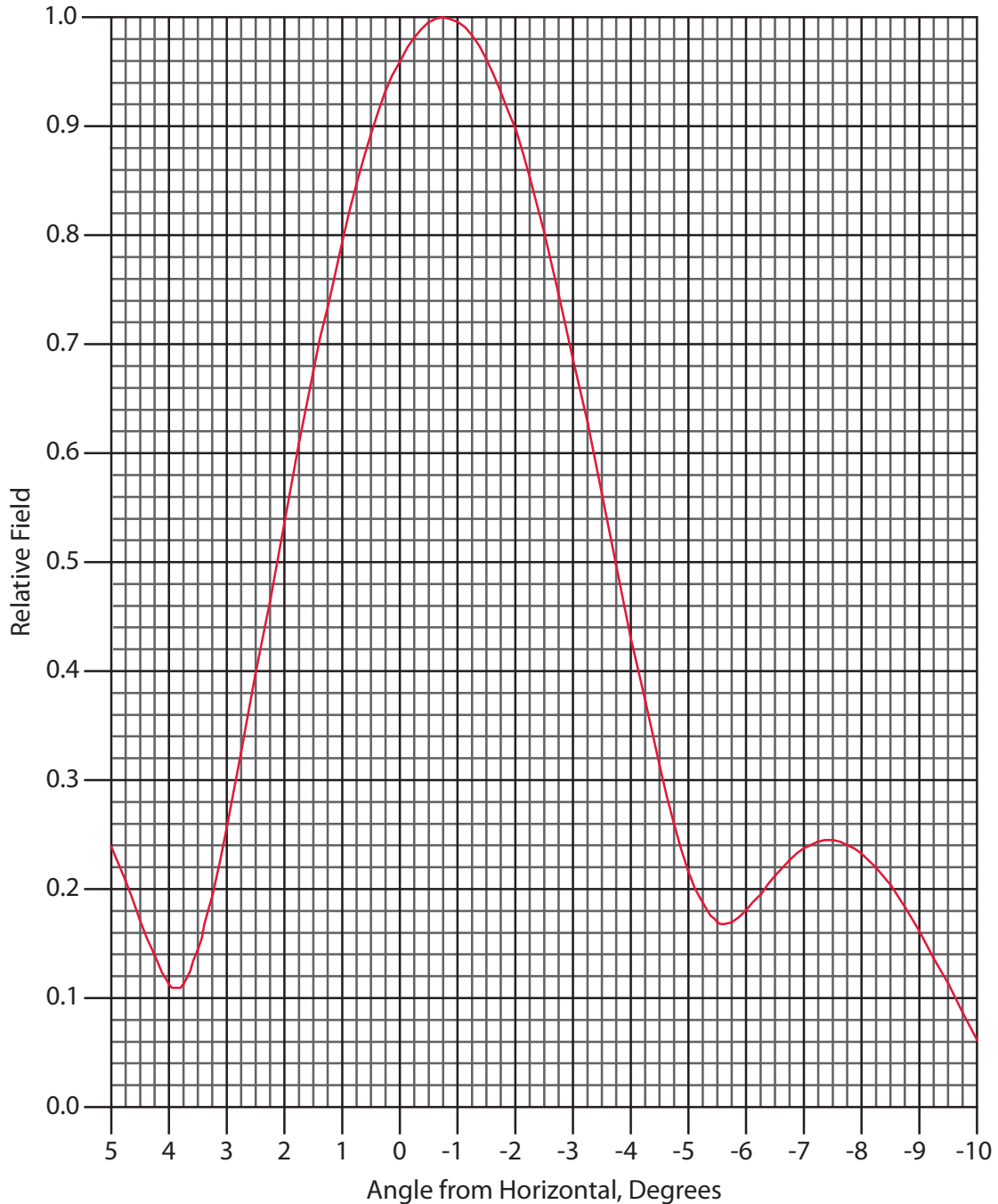


Elevation Pattern

Type:	ATW12V3	
Directivity	Numeric	<i>dBd</i>
Main Lobe:	11.50	(10.61)
Horizontal:	10.60	(10.25)
Beam Tilt	-0.75 °	
Polarization:	Horizontal	
Frequency:		
Location:		



Tabulated Data for Elevation Pattern

Type: ATW12V3

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

Angle	Field	dB
5.00	0.239	-12.43
4.75	0.208	-13.64
4.50	0.173	-15.24
4.25	0.138	-17.20
4.00	0.113	-18.94
3.75	0.113	-18.94
3.50	0.144	-16.83
3.25	0.195	-14.20
3.00	0.258	-11.77
2.75	0.325	-9.76
2.50	0.396	-8.05
2.25	0.467	-6.61
2.00	0.538	-5.38
1.75	0.608	-4.32
1.50	0.674	-3.43
1.25	0.737	-2.65
1.00	0.795	-1.99
0.75	0.847	-1.44
0.50	0.892	-0.99
0.25	0.930	-0.63
0.00	0.960	-0.35
-0.25	0.982	-0.16
-0.50	0.995	-0.04
-0.75	1.000	0.00
-1.00	0.996	-0.03
-1.25	0.983	-0.15
-1.50	0.962	-0.34
-1.75	0.932	-0.61
-2.00	0.896	-0.95
-2.25	0.852	-1.39
-2.50	0.803	-1.91
-2.75	0.748	-2.52
-3.00	0.689	-3.24
-3.25	0.627	-4.05
-3.50	0.563	-4.99
-3.75	0.498	-6.06
-4.00	0.433	-7.27
-4.25	0.371	-8.61
-4.50	0.313	-10.09
-4.75	0.260	-11.70
-5.00	0.217	-13.27
-5.25	0.186	-14.61
-5.50	0.170	-15.39
-5.75	0.170	-15.39
-6.00	0.180	-14.89

Angle	Field	dB
-6.25	0.196	-14.15
-6.50	0.212	-13.47
-6.75	0.226	-12.92
-7.00	0.237	-12.51
-7.25	0.243	-12.29
-7.50	0.245	-12.22
-7.75	0.241	-12.36
-8.00	0.233	-12.65
-8.25	0.220	-13.15
-8.50	0.204	-13.81
-8.75	0.184	-14.70
-9.00	0.162	-15.81
-9.25	0.137	-17.27
-9.50	0.112	-19.02
-9.75	0.086	-21.31
-10.00	0.062	-24.15
-10.50	0.036	-28.87
-11.00	0.063	-24.01
-11.50	0.096	-20.35
-12.00	0.119	-18.49
-12.50	0.129	-17.79
-13.00	0.126	-17.99
-13.50	0.111	-19.09
-14.00	0.086	-21.31
-14.50	0.054	-25.35
-15.00	0.022	-33.15
-15.50	0.028	-31.06
-16.00	0.058	-24.73
-16.50	0.085	-21.41
-17.00	0.103	-19.74
-17.50	0.112	-19.02
-18.00	0.111	-19.09
-18.50	0.101	-19.91
-19.00	0.082	-21.72
-19.50	0.057	-24.88
-20.00	0.028	-31.06
-20.50	0.003	-50.46
-21.00	0.031	-30.17
-21.50	0.057	-24.88
-22.00	0.076	-22.38
-22.50	0.089	-21.01
-23.00	0.093	-20.63
-23.50	0.090	-20.92
-24.00	0.079	-22.05
-24.50	0.062	-24.15

Angle	Field	dB
-25.00	0.040	-27.96
-25.50	0.016	-35.92
-26.00	0.011	-39.17
-26.50	0.034	-29.37
-27.00	0.055	-25.19
-27.50	0.071	-22.97
-28.00	0.081	-21.83
-28.50	0.085	-21.41
-29.00	0.082	-21.72
-29.50	0.073	-22.73
-30.00	0.059	-24.58
-30.50	0.041	-27.74
-31.00	0.020	-33.98
-31.50	0.005	-46.02
-32.00	0.024	-32.40
-32.50	0.044	-27.13
-33.00	0.060	-24.44
-33.50	0.072	-22.85
-34.00	0.079	-22.05
-34.50	0.081	-21.83
-35.00	0.077	-22.27
-35.50	0.068	-23.35
-36.00	0.056	-25.04
-36.50	0.040	-27.96
-37.00	0.021	-33.56
-37.50	0.002	-53.98
-38.00	0.017	-35.39
-38.50	0.034	-29.37
-39.00	0.049	-26.20
-39.50	0.061	-24.29
-40.00	0.069	-23.22
-40.50	0.072	-22.85
-41.00	0.072	-22.85
-41.50	0.067	-23.48
-42.00	0.058	-24.73
-42.50	0.046	-26.74
-43.00	0.032	-29.90
-43.50	0.017	-35.39
-44.00	0.010	-40.00
-44.50	0.022	-33.15
-45.00	0.037	-28.64
-45.50	0.051	-25.85
-46.00	0.063	-24.01
-46.50	0.072	-22.85
-47.00	0.078	-22.16

Angle	Field	dB
-47.50	0.080	-21.94
-48.00	0.079	-22.05
-48.50	0.075	-22.50
-49.00	0.068	-23.35
-49.50	0.058	-24.73
-50.00	0.046	-26.74
-50.50	0.033	-29.63
-51.00	0.019	-34.42
-51.50	0.007	-43.10
-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	0.057	-24.88
-54.50	0.063	-24.01
-55.00	0.067	-23.48
-55.50	0.069	-23.22
-56.00	0.068	-23.35
-56.50	0.064	-23.88
-57.00	0.058	-24.73
-57.50	0.051	-25.85
-58.00	0.042	-27.54
-58.50	0.032	-29.90
-59.00	0.024	-32.40
-59.50	0.020	-33.98
-60.00	0.023	-32.77
-60.50	0.033	-29.63
-61.00	0.044	-27.13
-61.50	0.056	-25.04
-62.00	0.067	-23.48
-62.50	0.078	-22.16
-63.00	0.087	-21.21
-63.50	0.095	-20.45
-64.00	0.102	-19.83
-64.50	0.107	-19.41
-65.00	0.111	-19.09
-65.50	0.113	-18.94
-66.00	0.114	-18.86
-66.50	0.113	-18.94
-67.00	0.112	-19.02
-67.50	0.108	-19.33
-68.00	0.104	-19.66
-68.50	0.099	-20.09
-69.00	0.094	-20.54
-69.50	0.087	-21.21

Angle	Field	dB
-70.00	0.081	-21.83
-70.50	0.074	-22.62
-71.00	0.067	-23.48
-71.50	0.061	-24.29
-72.00	0.055	-25.19
-72.50	0.050	-26.02
-73.00	0.046	-26.74
-73.50	0.043	-27.33
-74.00	0.042	-27.54
-74.50	0.042	-27.54
-75.00	0.043	-27.33
-75.50	0.045	-26.94
-76.00	0.047	-26.56
-76.50	0.049	-26.20
-77.00	0.052	-25.68
-77.50	0.054	-25.35
-78.00	0.056	-25.04
-78.50	0.057	-24.88
-79.00	0.059	-24.58
-79.50	0.059	-24.58
-80.00	0.060	-24.44
-80.50	0.060	-24.44
-81.00	0.059	-24.58
-81.50	0.058	-24.73
-82.00	0.057	-24.88
-82.50	0.055	-25.19
-83.00	0.053	-25.51
-83.50	0.051	-25.85
-84.00	0.048	-26.38
-84.50	0.045	-26.94
-85.00	0.042	-27.54
-85.50	0.038	-28.40
-86.00	0.034	-29.37
-86.50	0.030	-30.46
-87.00	0.026	-31.70
-87.50	0.022	-33.15
-88.00	0.018	-34.89
-88.50	0.013	-37.72
-89.00	0.009	-40.92
-89.50	0.005	-46.02
-90.00	0.000	---

