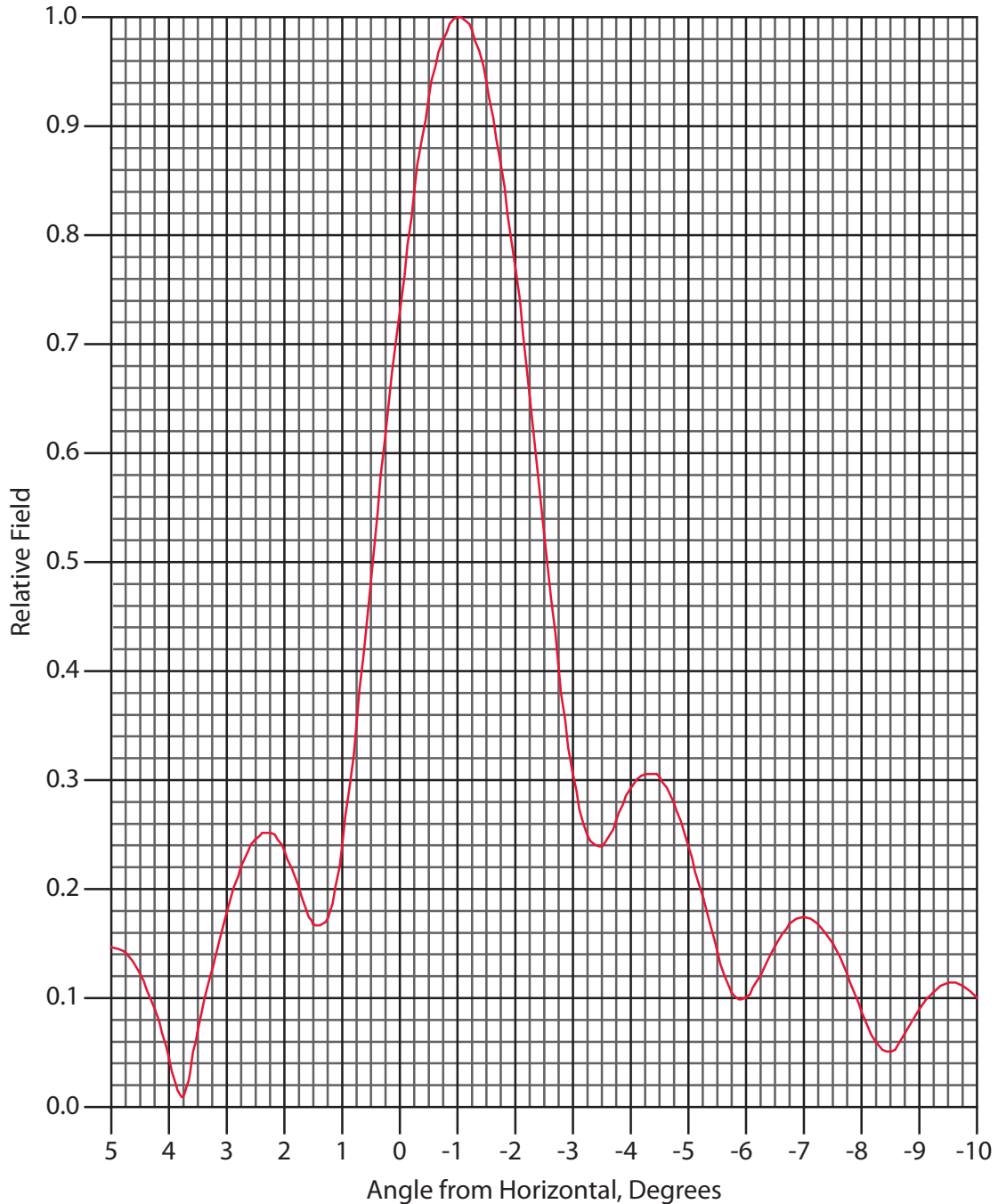


## Elevation Pattern

Type:	ATW24G4	
Directivity	Numeric	<i>dBd</i>
Main Lobe:	24.00	(13.80)
Horizontal:	13.07	(11.16)
Beam Tilt	-1.00 °	
Polarization:	Horizontal	
Frequency:		
Location:		



## Tabulated Data for Elevation Pattern

Type: ATW24G4

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

Angle	Field	dB
5.00	0.148	-16.59
4.75	0.144	-16.83
4.50	0.125	-18.06
4.25	0.091	-20.82
4.00	0.046	-26.74
3.75	0.011	-39.17
3.50	0.070	-23.10
3.25	0.129	-17.79
3.00	0.181	-14.85
2.75	0.222	-13.07
2.50	0.247	-12.15
2.25	0.252	-11.97
2.00	0.235	-12.58
1.75	0.203	-13.85
1.50	0.170	-15.39
1.25	0.175	-15.14
1.00	0.243	-12.29
0.75	0.353	-9.04
0.50	0.480	-6.38
0.25	0.611	-4.28
0.00	0.734	-2.69
-0.25	0.841	-1.50
-0.50	0.924	-0.69
-0.75	0.978	-0.19
-1.00	1.000	0.00
-1.25	0.988	-0.10
-1.50	0.942	-0.52
-1.75	0.867	-1.24
-2.00	0.768	-2.29
-2.25	0.651	-3.73
-2.50	0.527	-5.56
-2.75	0.408	-7.79
-3.00	0.309	-10.20
-3.25	0.250	-12.04
-3.50	0.241	-12.36
-3.75	0.264	-11.57
-4.00	0.292	-10.69
-4.25	0.306	-10.29
-4.50	0.303	-10.37
-4.75	0.280	-11.06
-5.00	0.242	-12.32
-5.25	0.193	-14.29
-5.50	0.144	-16.83
-5.75	0.107	-19.41
-6.00	0.102	-19.83

Angle	Field	dB
-6.25	0.123	-18.20
-6.50	0.150	-16.48
-6.75	0.170	-15.39
-7.00	0.176	-15.09
-7.25	0.170	-15.39
-7.50	0.151	-16.42
-7.75	0.123	-18.20
-8.00	0.090	-20.92
-8.25	0.062	-24.15
-8.50	0.053	-25.51
-8.75	0.069	-23.22
-9.00	0.091	-20.82
-9.25	0.107	-19.41
-9.50	0.115	-18.79
-9.75	0.112	-19.02
-10.00	0.101	-19.91
-10.50	0.058	-24.73
-11.00	0.029	-30.75
-11.50	0.063	-24.01
-12.00	0.084	-21.51
-12.50	0.074	-22.62
-13.00	0.041	-27.74
-13.50	0.023	-32.77
-14.00	0.054	-25.35
-14.50	0.072	-22.85
-15.00	0.066	-23.61
-15.50	0.039	-28.18
-16.00	0.021	-33.56
-16.50	0.047	-26.56
-17.00	0.065	-23.74
-17.50	0.062	-24.15
-18.00	0.041	-27.74
-18.50	0.019	-34.42
-19.00	0.035	-29.12
-19.50	0.054	-25.35
-20.00	0.055	-25.19
-20.50	0.040	-27.96
-21.00	0.016	-35.92
-21.50	0.023	-32.77
-22.00	0.043	-27.33
-22.50	0.048	-26.38
-23.00	0.038	-28.40
-23.50	0.018	-34.89
-24.00	0.017	-35.39
-24.50	0.037	-28.64

Angle	Field	dB
-25.00	0.047	-26.56
-25.50	0.042	-27.54
-26.00	0.026	-31.70
-26.50	0.015	-36.48
-27.00	0.031	-30.17
-27.50	0.046	-26.74
-28.00	0.049	-26.20
-28.50	0.040	-27.96
-29.00	0.024	-32.40
-29.50	0.021	-33.56
-30.00	0.037	-28.64
-30.50	0.049	-26.20
-31.00	0.049	-26.20
-31.50	0.038	-28.40
-32.00	0.022	-33.15
-32.50	0.019	-34.42
-33.00	0.033	-29.63
-33.50	0.043	-27.33
-34.00	0.043	-27.33
-34.50	0.033	-29.63
-35.00	0.017	-35.39
-35.50	0.010	-40.00
-36.00	0.023	-32.77
-36.50	0.032	-29.90
-37.00	0.033	-29.63
-37.50	0.026	-31.70
-38.00	0.013	-37.72
-38.50	0.003	-50.46
-39.00	0.017	-35.39
-39.50	0.025	-32.04
-40.00	0.026	-31.70
-40.50	0.021	-33.56
-41.00	0.010	-40.00
-41.50	0.005	-46.02
-42.00	0.017	-35.39
-42.50	0.026	-31.70
-43.00	0.029	-30.75
-43.50	0.025	-32.04
-44.00	0.016	-35.92
-44.50	0.003	-50.46
-45.00	0.012	-38.42
-45.50	0.024	-32.40
-46.00	0.031	-30.17
-46.50	0.033	-29.63
-47.00	0.029	-30.75

Angle	Field	dB
-47.50	0.020	-33.98
-48.00	0.008	-41.94
-48.50	0.008	-41.94
-49.00	0.020	-33.98
-49.50	0.029	-30.75
-50.00	0.034	-29.37
-50.50	0.032	-29.90
-51.00	0.026	-31.70
-51.50	0.016	-35.92
-52.00	0.003	-50.46
-52.50	0.009	-40.92
-53.00	0.021	-33.56
-53.50	0.028	-31.06
-54.00	0.032	-29.90
-54.50	0.031	-30.17
-55.00	0.025	-32.04
-55.50	0.017	-35.39
-56.00	0.006	-44.44
-56.50	0.008	-41.94
-57.00	0.018	-34.89
-57.50	0.027	-31.37
-58.00	0.033	-29.63
-58.50	0.034	-29.37
-59.00	0.032	-29.90
-59.50	0.027	-31.37
-60.00	0.018	-34.89
-60.50	0.008	-41.94
-61.00	0.005	-46.02
-61.50	0.016	-35.92
-62.00	0.026	-31.70
-62.50	0.033	-29.63
-63.00	0.039	-28.18
-63.50	0.041	-27.74
-64.00	0.040	-27.96
-64.50	0.036	-28.87
-65.00	0.029	-30.75
-65.50	0.020	-33.98
-66.00	0.011	-39.17
-66.50	0.003	-50.46
-67.00	0.011	-39.17
-67.50	0.021	-33.56
-68.00	0.029	-30.75
-68.50	0.036	-28.87
-69.00	0.041	-27.74
-69.50	0.044	-27.13

Angle	Field	dB
-70.00	0.045	-26.94
-70.50	0.044	-27.13
-71.00	0.042	-27.54
-71.50	0.037	-28.64
-72.00	0.032	-29.90
-72.50	0.026	-31.70
-73.00	0.020	-33.98
-73.50	0.015	-36.48
-74.00	0.013	-37.72
-74.50	0.015	-36.48
-75.00	0.019	-34.42
-75.50	0.024	-32.40
-76.00	0.028	-31.06
-76.50	0.033	-29.63
-77.00	0.036	-28.87
-77.50	0.039	-28.18
-78.00	0.041	-27.74
-78.50	0.042	-27.54
-79.00	0.043	-27.33
-79.50	0.043	-27.33
-80.00	0.042	-27.54
-80.50	0.041	-27.74
-81.00	0.040	-27.96
-81.50	0.038	-28.40
-82.00	0.036	-28.87
-82.50	0.034	-29.37
-83.00	0.032	-29.90
-83.50	0.029	-30.75
-84.00	0.027	-31.37
-84.50	0.025	-32.04
-85.00	0.023	-32.77
-85.50	0.020	-33.98
-86.00	0.018	-34.89
-86.50	0.016	-35.92
-87.00	0.013	-37.72
-87.50	0.011	-39.17
-88.00	0.009	-40.92
-88.50	0.007	-43.10
-89.00	0.004	-47.96
-89.50	0.002	-53.98
-90.00	0.001	-60.00

