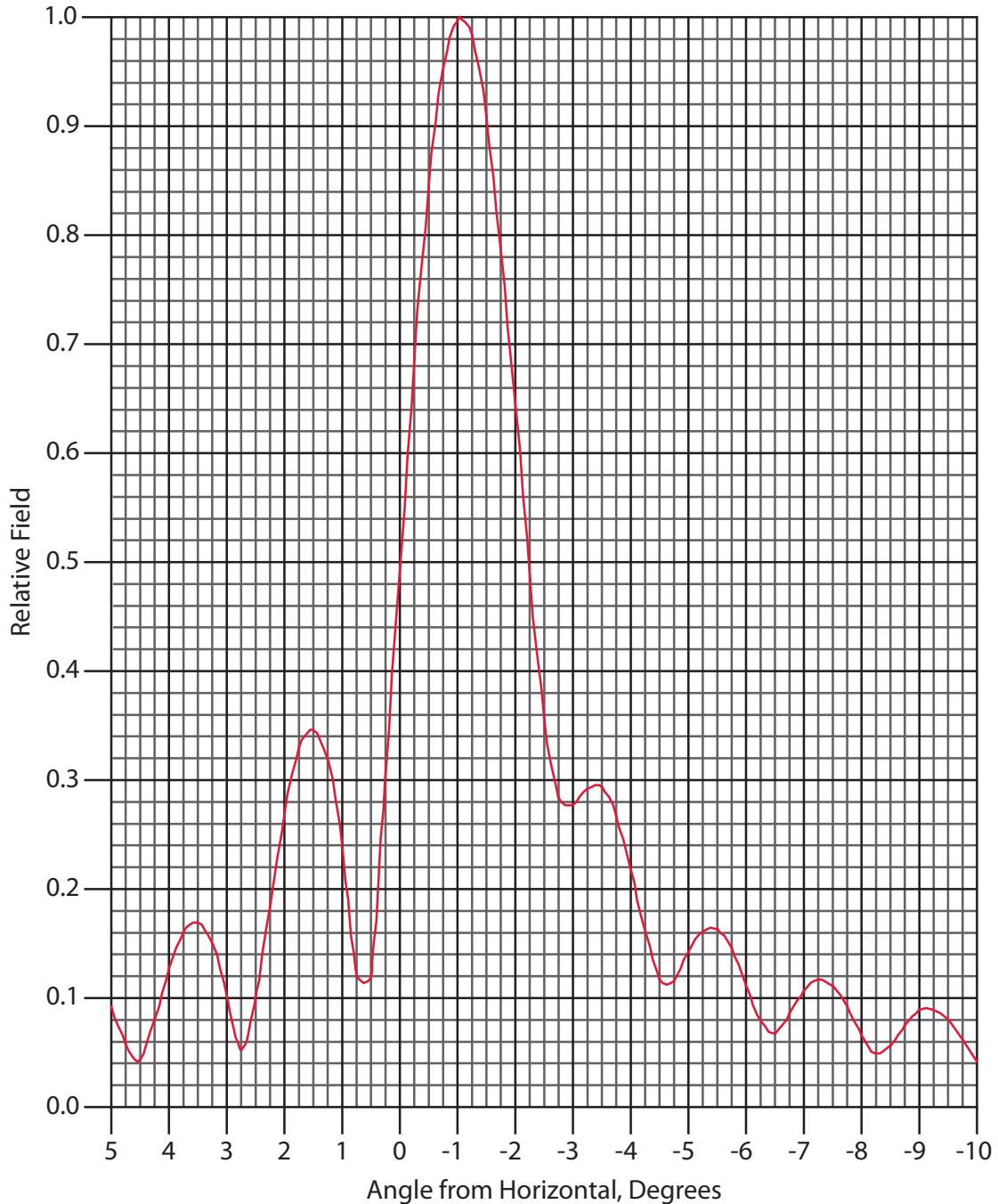


## Elevation Pattern

Type:	ATW32G4	
Directivity	Numeric	<i>dBd</i>
Main Lobe:	32.00	(15.05)
Horizontal:	7.97	(9.01)
Beam Tilt	-1.00 °	
Polarization:	Horizontal	
Frequency:		
Location:		



# Tabulated Data for Elevation Pattern

Type: ATW32G4

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

Angle	Field	dB
5.00	0.093	-20.63
4.75	0.059	-24.58
4.50	0.043	-27.33
4.25	0.081	-21.83
4.00	0.128	-17.86
3.75	0.160	-15.92
3.50	0.169	-15.44
3.25	0.149	-16.54
3.00	0.102	-19.83
2.75	0.052	-25.68
2.50	0.097	-20.26
2.25	0.188	-14.52
2.00	0.271	-11.34
1.75	0.329	-9.66
1.50	0.347	-9.19
1.25	0.317	-9.98
1.00	0.237	-12.51
0.75	0.120	-18.42
0.50	0.119	-18.49
0.25	0.298	-10.52
0.00	0.499	-6.04
-0.25	0.688	-3.25
-0.50	0.845	-1.46
-0.75	0.952	-0.43
-1.00	1.000	0.00
-1.25	0.985	-0.13
-1.50	0.911	-0.81
-1.75	0.791	-2.04
-2.00	0.641	-3.86
-2.25	0.486	-6.27
-2.50	0.357	-8.95
-2.75	0.285	-10.90
-3.00	0.277	-11.15
-3.25	0.292	-10.69
-3.50	0.294	-10.63
-3.75	0.268	-11.44
-4.00	0.220	-13.15
-4.25	0.161	-15.86
-4.50	0.117	-18.64
-4.75	0.115	-18.79
-5.00	0.142	-16.95
-5.25	0.162	-15.81
-5.50	0.164	-15.70
-5.75	0.146	-16.71
-6.00	0.113	-18.94

Angle	Field	dB
-6.25	0.079	-22.05
-6.50	0.068	-23.35
-6.75	0.086	-21.31
-7.00	0.107	-19.41
-7.25	0.117	-18.64
-7.50	0.111	-19.09
-7.75	0.092	-20.72
-8.00	0.066	-23.61
-8.25	0.049	-26.20
-8.50	0.057	-24.88
-8.75	0.076	-22.38
-9.00	0.089	-21.01
-9.25	0.090	-20.92
-9.50	0.080	-21.94
-9.75	0.061	-24.29
-10.00	0.042	-27.54
-10.50	0.054	-25.35
-11.00	0.075	-22.50
-11.50	0.058	-24.73
-12.00	0.031	-30.17
-12.50	0.053	-25.51
-13.00	0.064	-23.88
-13.50	0.043	-27.33
-14.00	0.028	-31.06
-14.50	0.051	-25.85
-15.00	0.054	-25.35
-15.50	0.032	-29.90
-16.00	0.028	-31.06
-16.50	0.048	-26.38
-17.00	0.046	-26.74
-17.50	0.025	-32.04
-18.00	0.029	-30.75
-18.50	0.045	-26.94
-19.00	0.039	-28.18
-19.50	0.020	-33.98
-20.00	0.029	-30.75
-20.50	0.042	-27.54
-21.00	0.035	-29.12
-21.50	0.018	-34.89
-22.00	0.028	-31.06
-22.50	0.039	-28.18
-23.00	0.032	-29.90
-23.50	0.016	-35.92
-24.00	0.026	-31.70
-24.50	0.037	-28.64

Angle	Field	dB
-25.00	0.030	-30.46
-25.50	0.015	-36.48
-26.00	0.024	-32.40
-26.50	0.035	-29.12
-27.00	0.030	-30.46
-27.50	0.015	-36.48
-28.00	0.021	-33.56
-28.50	0.032	-29.90
-29.00	0.030	-30.46
-29.50	0.016	-35.92
-30.00	0.018	-34.89
-30.50	0.030	-30.46
-31.00	0.031	-30.17
-31.50	0.019	-34.42
-32.00	0.014	-37.08
-32.50	0.026	-31.70
-33.00	0.031	-30.17
-33.50	0.023	-32.77
-34.00	0.012	-38.42
-34.50	0.021	-33.56
-35.00	0.030	-30.46
-35.50	0.027	-31.37
-36.00	0.016	-35.92
-36.50	0.014	-37.08
-37.00	0.026	-31.70
-37.50	0.030	-30.46
-38.00	0.022	-33.15
-38.50	0.012	-38.42
-39.00	0.018	-34.89
-39.50	0.028	-31.06
-40.00	0.028	-31.06
-40.50	0.019	-34.42
-41.00	0.011	-39.17
-41.50	0.020	-33.98
-42.00	0.028	-31.06
-42.50	0.027	-31.37
-43.00	0.018	-34.89
-43.50	0.011	-39.17
-44.00	0.020	-33.98
-44.50	0.028	-31.06
-45.00	0.028	-31.06
-45.50	0.019	-34.42
-46.00	0.011	-39.17
-46.50	0.018	-34.89
-47.00	0.027	-31.37

Angle	Field	dB
-47.50	0.029	-30.75
-48.00	0.023	-32.77
-48.50	0.013	-37.72
-49.00	0.014	-37.08
-49.50	0.024	-32.40
-50.00	0.030	-30.46
-50.50	0.028	-31.06
-51.00	0.020	-33.98
-51.50	0.011	-39.17
-52.00	0.016	-35.92
-52.50	0.026	-31.70
-53.00	0.031	-30.17
-53.50	0.028	-31.06
-54.00	0.020	-33.98
-54.50	0.011	-39.17
-55.00	0.014	-37.08
-55.50	0.024	-32.40
-56.00	0.031	-30.17
-56.50	0.031	-30.17
-57.00	0.025	-32.04
-57.50	0.016	-35.92
-58.00	0.010	-40.00
-58.50	0.018	-34.89
-59.00	0.027	-31.37
-59.50	0.032	-29.90
-60.00	0.032	-29.90
-60.50	0.027	-31.37
-61.00	0.018	-34.89
-61.50	0.010	-40.00
-62.00	0.014	-37.08
-62.50	0.024	-32.40
-63.00	0.031	-30.17
-63.50	0.035	-29.12
-64.00	0.033	-29.63
-64.50	0.028	-31.06
-65.00	0.019	-34.42
-65.50	0.011	-39.17
-66.00	0.011	-39.17
-66.50	0.020	-33.98
-67.00	0.029	-30.75
-67.50	0.034	-29.37
-68.00	0.037	-28.64
-68.50	0.036	-28.87
-69.00	0.032	-29.90
-69.50	0.025	-32.04

Angle	Field	dB
-70.00	0.016	-35.92
-70.50	0.008	-41.94
-71.00	0.010	-40.00
-71.50	0.018	-34.89
-72.00	0.026	-31.70
-72.50	0.032	-29.90
-73.00	0.037	-28.64
-73.50	0.039	-28.18
-74.00	0.039	-28.18
-74.50	0.037	-28.64
-75.00	0.034	-29.37
-75.50	0.028	-31.06
-76.00	0.022	-33.15
-76.50	0.015	-36.48
-77.00	0.008	-41.94
-77.50	0.002	-53.98
-78.00	0.007	-43.10
-78.50	0.013	-37.72
-79.00	0.018	-34.89
-79.50	0.023	-32.77
-80.00	0.027	-31.37
-80.50	0.030	-30.46
-81.00	0.032	-29.90
-81.50	0.033	-29.63
-82.00	0.033	-29.63
-82.50	0.033	-29.63
-83.00	0.032	-29.90
-83.50	0.031	-30.17
-84.00	0.029	-30.75
-84.50	0.027	-31.37
-85.00	0.025	-32.04
-85.50	0.022	-33.15
-86.00	0.020	-33.98
-86.50	0.017	-35.39
-87.00	0.015	-36.48
-87.50	0.012	-38.42
-88.00	0.010	-40.00
-88.50	0.007	-43.10
-89.00	0.005	-46.02
-89.50	0.002	-53.98
-90.00	0.001	-60.00

