

Elevation Pattern

Type:	ATW8G4	
Directivity	Numeric	<i>dBd</i>
Main Lobe:	8.00	(9.03)
Horizontal:	7.53	(8.77)
Beam Tilt	-1.00 °	
Polarization:	Horizontal	
Frequency:		
Location:		



Tabulated Data for Elevation Pattern

Type: ATW8G4

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

Angle	Field	dB
5.00	0.214	-13.39
4.75	0.258	-11.77
4.50	0.304	-10.34
4.25	0.350	-9.12
4.00	0.396	-8.05
3.75	0.443	-7.07
3.50	0.489	-6.21
3.25	0.535	-5.43
3.00	0.581	-4.72
2.75	0.625	-4.08
2.50	0.668	-3.50
2.25	0.709	-2.99
2.00	0.748	-2.52
1.75	0.786	-2.09
1.50	0.821	-1.71
1.25	0.853	-1.38
1.00	0.883	-1.08
0.75	0.909	-0.83
0.50	0.933	-0.60
0.25	0.953	-0.42
0.00	0.970	-0.26
-0.25	0.983	-0.15
-0.50	0.992	-0.07
-0.75	0.998	-0.02
-1.00	1.000	0.00
-1.25	0.998	-0.02
-1.50	0.993	-0.06
-1.75	0.984	-0.14
-2.00	0.971	-0.26
-2.25	0.954	-0.41
-2.50	0.935	-0.58
-2.75	0.911	-0.81
-3.00	0.885	-1.06
-3.25	0.856	-1.35
-3.50	0.824	-1.68
-3.75	0.789	-2.06
-4.00	0.753	-2.46
-4.25	0.714	-2.93
-4.50	0.673	-3.44
-4.75	0.631	-4.00
-5.00	0.587	-4.63
-5.25	0.542	-5.32
-5.50	0.497	-6.07
-5.75	0.451	-6.92
-6.00	0.406	-7.83

Angle	Field	dB
-6.25	0.360	-8.87
-6.50	0.315	-10.03
-6.75	0.270	-11.37
-7.00	0.227	-12.88
-7.25	0.186	-14.61
-7.50	0.146	-16.71
-7.75	0.110	-19.17
-8.00	0.079	-22.05
-8.25	0.058	-24.73
-8.50	0.056	-25.04
-8.75	0.071	-22.97
-9.00	0.092	-20.72
-9.25	0.115	-18.79
-9.50	0.137	-17.27
-9.75	0.157	-16.08
-10.00	0.175	-15.14
-10.50	0.204	-13.81
-11.00	0.221	-13.11
-11.50	0.229	-12.80
-12.00	0.227	-12.88
-12.50	0.216	-13.31
-13.00	0.197	-14.11
-13.50	0.172	-15.29
-14.00	0.142	-16.95
-14.50	0.108	-19.33
-15.00	0.073	-22.73
-15.50	0.040	-27.96
-16.00	0.020	-33.98
-16.50	0.040	-27.96
-17.00	0.068	-23.35
-17.50	0.093	-20.63
-18.00	0.114	-18.86
-18.50	0.129	-17.79
-19.00	0.139	-17.14
-19.50	0.143	-16.89
-20.00	0.141	-17.02
-20.50	0.134	-17.46
-21.00	0.122	-18.27
-21.50	0.106	-19.49
-22.00	0.087	-21.21
-22.50	0.066	-23.61
-23.00	0.043	-27.33
-23.50	0.021	-33.56
-24.00	0.013	-37.72
-24.50	0.032	-29.90

Angle	Field	dB
-25.00	0.052	-25.68
-25.50	0.070	-23.10
-26.00	0.085	-21.41
-26.50	0.097	-20.26
-27.00	0.105	-19.58
-27.50	0.110	-19.17
-28.00	0.110	-19.17
-28.50	0.107	-19.41
-29.00	0.100	-20.00
-29.50	0.090	-20.92
-30.00	0.078	-22.16
-30.50	0.063	-24.01
-31.00	0.046	-26.74
-31.50	0.029	-30.75
-32.00	0.012	-38.42
-32.50	0.011	-39.17
-33.00	0.027	-31.37
-33.50	0.043	-27.33
-34.00	0.058	-24.73
-34.50	0.071	-22.97
-35.00	0.081	-21.83
-35.50	0.089	-21.01
-36.00	0.095	-20.45
-36.50	0.097	-20.26
-37.00	0.097	-20.26
-37.50	0.094	-20.54
-38.00	0.088	-21.11
-38.50	0.080	-21.94
-39.00	0.070	-23.10
-39.50	0.059	-24.58
-40.00	0.046	-26.74
-40.50	0.032	-29.90
-41.00	0.017	-35.39
-41.50	0.005	-46.02
-42.00	0.014	-37.08
-42.50	0.028	-31.06
-43.00	0.042	-27.54
-43.50	0.054	-25.35
-44.00	0.065	-23.74
-44.50	0.075	-22.50
-45.00	0.082	-21.72
-45.50	0.088	-21.11
-46.00	0.092	-20.72
-46.50	0.094	-20.54
-47.00	0.094	-20.54

Angle	Field	dB
-47.50	0.092	-20.72
-48.00	0.088	-21.11
-48.50	0.083	-21.62
-49.00	0.076	-22.38
-49.50	0.067	-23.48
-50.00	0.058	-24.73
-50.50	0.047	-26.56
-51.00	0.036	-28.87
-51.50	0.024	-32.40
-52.00	0.011	-39.17
-52.50	0.003	-50.46
-53.00	0.014	-37.08
-53.50	0.026	-31.70
-54.00	0.037	-28.64
-54.50	0.048	-26.38
-55.00	0.058	-24.73
-55.50	0.068	-23.35
-56.00	0.076	-22.38
-56.50	0.083	-21.62
-57.00	0.089	-21.01
-57.50	0.094	-20.54
-58.00	0.097	-20.26
-58.50	0.100	-20.00
-59.00	0.101	-19.91
-59.50	0.101	-19.91
-60.00	0.100	-20.00
-60.50	0.098	-20.18
-61.00	0.094	-20.54
-61.50	0.090	-20.92
-62.00	0.085	-21.41
-62.50	0.079	-22.05
-63.00	0.073	-22.73
-63.50	0.066	-23.61
-64.00	0.058	-24.73
-64.50	0.050	-26.02
-65.00	0.042	-27.54
-65.50	0.034	-29.37
-66.00	0.025	-32.04
-66.50	0.017	-35.39
-67.00	0.010	-40.00
-67.50	0.008	-41.94
-68.00	0.013	-37.72
-68.50	0.020	-33.98
-69.00	0.027	-31.37
-69.50	0.035	-29.12

Angle	Field	dB
-70.00	0.042	-27.54
-70.50	0.049	-26.20
-71.00	0.055	-25.19
-71.50	0.061	-24.29
-72.00	0.066	-23.61
-72.50	0.071	-22.97
-73.00	0.075	-22.50
-73.50	0.079	-22.05
-74.00	0.083	-21.62
-74.50	0.085	-21.41
-75.00	0.088	-21.11
-75.50	0.089	-21.01
-76.00	0.091	-20.82
-76.50	0.092	-20.72
-77.00	0.092	-20.72
-77.50	0.092	-20.72
-78.00	0.091	-20.82
-78.50	0.090	-20.92
-79.00	0.089	-21.01
-79.50	0.087	-21.21
-80.00	0.085	-21.41
-80.50	0.083	-21.62
-81.00	0.080	-21.94
-81.50	0.077	-22.27
-82.00	0.074	-22.62
-82.50	0.071	-22.97
-83.00	0.067	-23.48
-83.50	0.063	-24.01
-84.00	0.059	-24.58
-84.50	0.055	-25.19
-85.00	0.050	-26.02
-85.50	0.045	-26.94
-86.00	0.041	-27.74
-86.50	0.036	-28.87
-87.00	0.031	-30.17
-87.50	0.026	-31.70
-88.00	0.021	-33.56
-88.50	0.016	-35.92
-89.00	0.010	-40.00
-89.50	0.005	-46.02
-90.00	0.000	---

