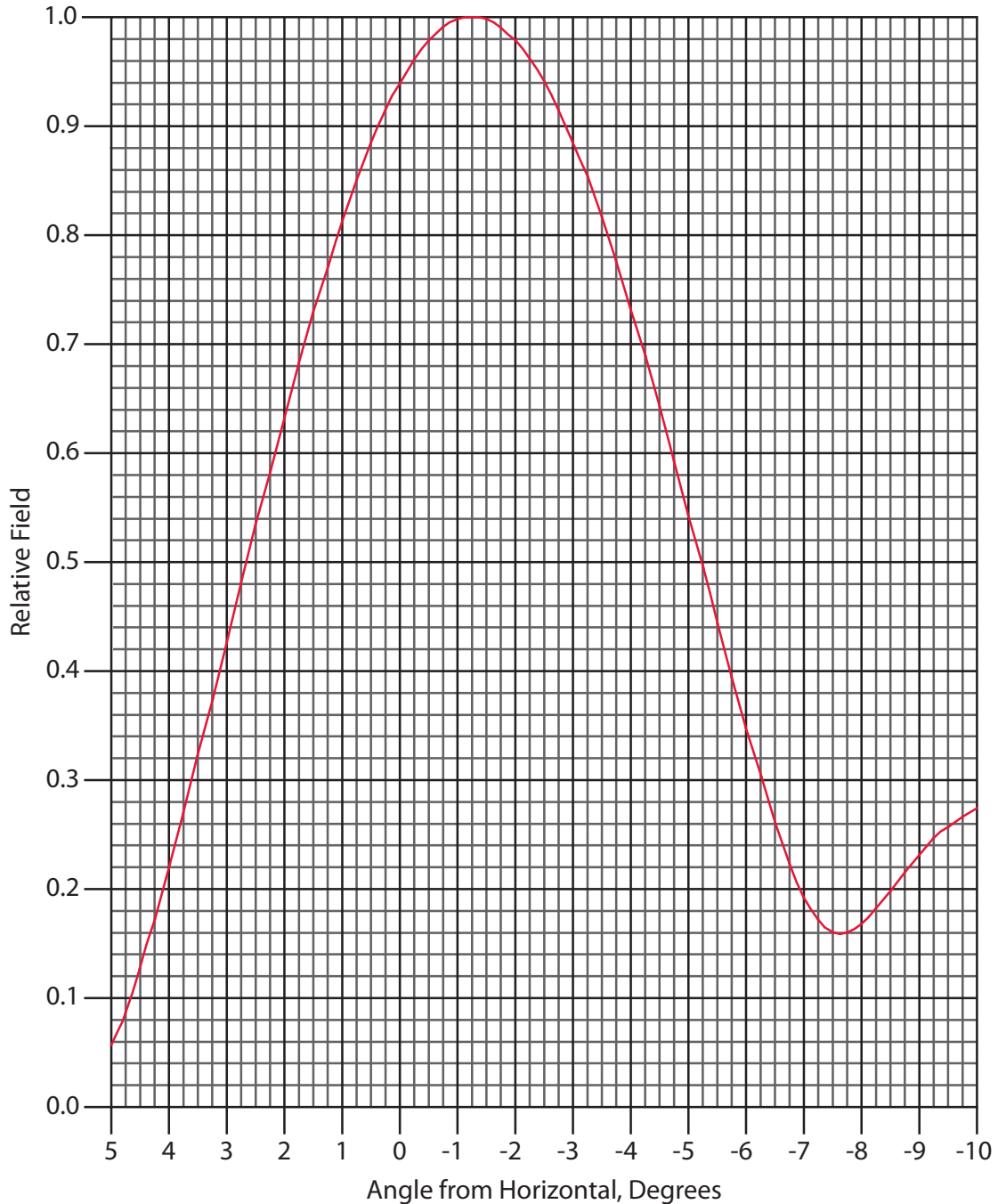


Elevation Pattern

Type:	ATW9V5	
Directivity	Numeric	<i>dBd</i>
Main Lobe:	9.00	(9.54)
Horizontal:	7.95	(9.00)
Beam Tilt	-1.25 °	
Polarization:	Horizontal	
Frequency:		
Location:		



Tabulated Data for Elevation Pattern

Type: ATW9V5

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

Angle	Field	dB
5.00	0.057	-24.88
4.75	0.086	-21.31
4.50	0.127	-17.92
4.25	0.172	-15.29
4.00	0.220	-13.15
3.75	0.270	-11.37
3.50	0.322	-9.84
3.25	0.374	-8.54
3.00	0.427	-7.39
2.75	0.480	-6.38
2.50	0.533	-5.47
2.25	0.584	-4.67
2.00	0.634	-3.96
1.75	0.683	-3.31
1.50	0.729	-2.75
1.25	0.772	-2.25
1.00	0.813	-1.80
0.75	0.851	-1.40
0.50	0.884	-1.07
0.25	0.914	-0.78
0.00	0.940	-0.54
-0.25	0.961	-0.35
-0.50	0.978	-0.19
-0.75	0.990	-0.09
-1.00	0.998	-0.02
-1.25	1.000	0.00
-1.50	0.998	-0.02
-1.75	0.990	-0.09
-2.00	0.978	-0.19
-2.25	0.962	-0.34
-2.50	0.941	-0.53
-2.75	0.915	-0.77
-3.00	0.886	-1.05
-3.25	0.853	-1.38
-3.50	0.816	-1.77
-3.75	0.776	-2.20
-4.00	0.733	-2.70
-4.25	0.688	-3.25
-4.50	0.642	-3.85
-4.75	0.593	-4.54
-5.00	0.544	-5.29
-5.25	0.494	-6.13
-5.50	0.444	-7.05
-5.75	0.395	-8.07
-6.00	0.348	-9.17

Angle	Field	dB
-6.25	0.303	-10.37
-6.50	0.261	-11.67
-6.75	0.224	-13.00
-7.00	0.193	-14.29
-7.25	0.172	-15.29
-7.50	0.161	-15.86
-7.75	0.160	-15.92
-8.00	0.168	-15.49
-8.25	0.182	-14.80
-8.50	0.198	-14.07
-8.75	0.215	-13.35
-9.00	0.231	-12.73
-9.25	0.246	-12.18
-9.50	0.258	-11.77
-9.75	0.267	-11.47
-10.00	0.274	-11.24
-10.50	0.277	-11.15
-11.00	0.269	-11.40
-11.50	0.250	-12.04
-12.00	0.222	-13.07
-12.50	0.186	-14.61
-13.00	0.147	-16.65
-13.50	0.106	-19.49
-14.00	0.071	-22.97
-14.50	0.056	-25.04
-15.00	0.069	-23.22
-15.50	0.096	-20.35
-16.00	0.121	-18.34
-16.50	0.141	-17.02
-17.00	0.155	-16.19
-17.50	0.160	-15.92
-18.00	0.159	-15.97
-18.50	0.150	-16.48
-19.00	0.134	-17.46
-19.50	0.114	-18.86
-20.00	0.089	-21.01
-20.50	0.064	-23.88
-21.00	0.040	-27.96
-21.50	0.030	-30.46
-22.00	0.042	-27.54
-22.50	0.063	-24.01
-23.00	0.083	-21.62
-23.50	0.099	-20.09
-24.00	0.111	-19.09
-24.50	0.117	-18.64

Angle	Field	dB
-25.00	0.118	-18.56
-25.50	0.114	-18.86
-26.00	0.105	-19.58
-26.50	0.092	-20.72
-27.00	0.076	-22.38
-27.50	0.057	-24.88
-28.00	0.037	-28.64
-28.50	0.021	-33.56
-29.00	0.022	-33.15
-29.50	0.038	-28.40
-30.00	0.055	-25.19
-30.50	0.070	-23.10
-31.00	0.083	-21.62
-31.50	0.092	-20.72
-32.00	0.098	-20.18
-32.50	0.099	-20.09
-33.00	0.097	-20.26
-33.50	0.091	-20.82
-34.00	0.081	-21.83
-34.50	0.069	-23.22
-35.00	0.055	-25.19
-35.50	0.039	-28.18
-36.00	0.022	-33.15
-36.50	0.011	-39.17
-37.00	0.019	-34.42
-37.50	0.034	-29.37
-38.00	0.049	-26.20
-38.50	0.062	-24.15
-39.00	0.073	-22.73
-39.50	0.082	-21.72
-40.00	0.087	-21.21
-40.50	0.090	-20.92
-41.00	0.090	-20.92
-41.50	0.087	-21.21
-42.00	0.081	-21.83
-42.50	0.073	-22.73
-43.00	0.063	-24.01
-43.50	0.051	-25.85
-44.00	0.037	-28.64
-44.50	0.023	-32.77
-45.00	0.009	-40.92
-45.50	0.008	-41.94
-46.00	0.022	-33.15
-46.50	0.036	-28.87
-47.00	0.049	-26.20

Angle	Field	dB
-47.50	0.060	-24.44
-48.00	0.070	-23.10
-48.50	0.079	-22.05
-49.00	0.085	-21.41
-49.50	0.089	-21.01
-50.00	0.091	-20.82
-50.50	0.091	-20.82
-51.00	0.089	-21.01
-51.50	0.084	-21.51
-52.00	0.079	-22.05
-52.50	0.071	-22.97
-53.00	0.062	-24.15
-53.50	0.052	-25.68
-54.00	0.042	-27.54
-54.50	0.030	-30.46
-55.00	0.019	-34.42
-55.50	0.010	-40.00
-56.00	0.012	-38.42
-56.50	0.023	-32.77
-57.00	0.034	-29.37
-57.50	0.045	-26.94
-58.00	0.055	-25.19
-58.50	0.065	-23.74
-59.00	0.074	-22.62
-59.50	0.081	-21.83
-60.00	0.088	-21.11
-60.50	0.093	-20.63
-61.00	0.097	-20.26
-61.50	0.100	-20.00
-62.00	0.102	-19.83
-62.50	0.102	-19.83
-63.00	0.102	-19.83
-63.50	0.101	-19.91
-64.00	0.098	-20.18
-64.50	0.095	-20.45
-65.00	0.091	-20.82
-65.50	0.087	-21.21
-66.00	0.082	-21.72
-66.50	0.077	-22.27
-67.00	0.071	-22.97
-67.50	0.066	-23.61
-68.00	0.060	-24.44
-68.50	0.055	-25.19
-69.00	0.051	-25.85
-69.50	0.047	-26.56

Angle	Field	dB
-70.00	0.044	-27.13
-70.50	0.043	-27.33
-71.00	0.042	-27.54
-71.50	0.043	-27.33
-72.00	0.045	-26.94
-72.50	0.047	-26.56
-73.00	0.050	-26.02
-73.50	0.052	-25.68
-74.00	0.055	-25.19
-74.50	0.058	-24.73
-75.00	0.061	-24.29
-75.50	0.063	-24.01
-76.00	0.065	-23.74
-76.50	0.067	-23.48
-77.00	0.068	-23.35
-77.50	0.069	-23.22
-78.00	0.070	-23.10
-78.50	0.070	-23.10
-79.00	0.069	-23.22
-79.50	0.069	-23.22
-80.00	0.068	-23.35
-80.50	0.067	-23.48
-81.00	0.065	-23.74
-81.50	0.063	-24.01
-82.00	0.061	-24.29
-82.50	0.058	-24.73
-83.00	0.056	-25.04
-83.50	0.053	-25.51
-84.00	0.049	-26.20
-84.50	0.046	-26.74
-85.00	0.042	-27.54
-85.50	0.039	-28.18
-86.00	0.035	-29.12
-86.50	0.031	-30.17
-87.00	0.027	-31.37
-87.50	0.022	-33.15
-88.00	0.018	-34.89
-88.50	0.014	-37.08
-89.00	0.009	-40.92
-89.50	0.005	-46.02
-90.00	0.002	-53.98

