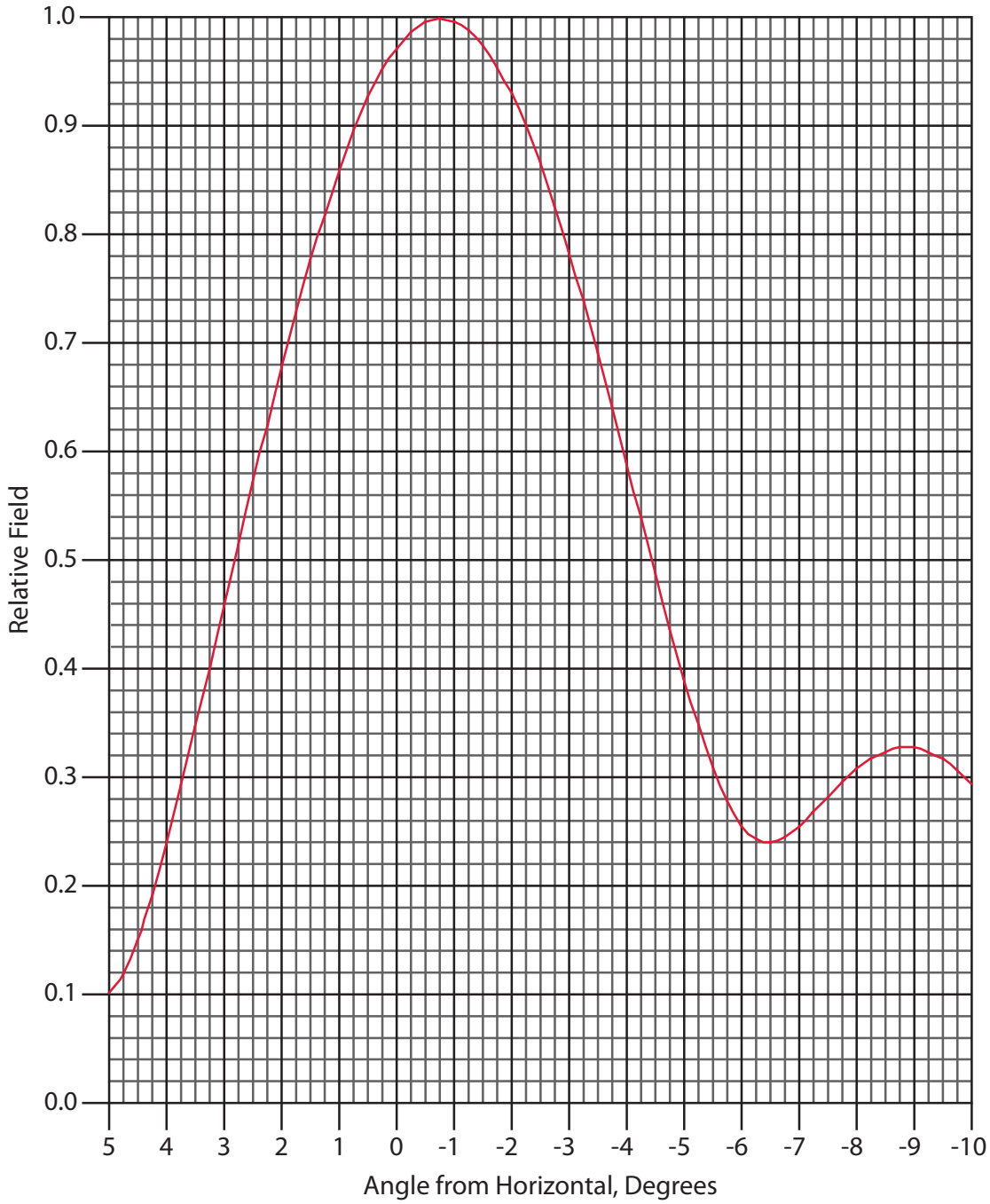
Elevation Pattern

Type:	ATW10H3H	
Directivity	*Numeric*	*dBd*
Main Lobe:	10.00	(10.00)
Horizontal:	9.47	(9.76)
Beam Tilt	-0.75 °	
Polarization:	Horizontal	
Frequency:		
Location:		



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Tabulated Data for Elevation Pattern

Type: ATW10H3H

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

Angle	Field	dB
5.00	0.101	-19.91
4.75	0.118	-18.56
4.50	0.150	-16.48
4.25	0.192	-14.33
4.00	0.240	-12.40
3.75	0.292	-10.69
3.50	0.346	-9.22
3.25	0.402	-7.92
3.00	0.459	-6.76
2.75	0.515	-5.76
2.50	0.571	-4.87
2.25	0.626	-4.07
2.00	0.679	-3.36
1.75	0.729	-2.75
1.50	0.777	-2.19
1.25	0.820	-1.72
1.00	0.860	-1.31
0.75	0.896	-0.95
0.50	0.927	-0.66
0.25	0.952	-0.43
0.00	0.973	-0.24
-0.25	0.988	-0.10
-0.50	0.997	-0.03
-0.75	1.000	0.00
-1.00	0.997	-0.03
-1.25	0.989	-0.10
-1.50	0.975	-0.22
-1.75	0.956	-0.39
-2.00	0.931	-0.62
-2.25	0.901	-0.91
-2.50	0.867	-1.24
-2.75	0.828	-1.64
-3.00	0.786	-2.09
-3.25	0.740	-2.62
-3.50	0.692	-3.20
-3.75	0.642	-3.85
-4.00	0.591	-4.57
-4.25	0.540	-5.35
-4.50	0.488	-6.23
-4.75	0.438	-7.17
-5.00	0.391	-8.16
-5.25	0.348	-9.17
-5.50	0.310	-10.17
-5.75	0.279	-11.09
-6.00	0.256	-11.84

Angle	Field	dB
-6.25	0.244	-12.25
-6.50	0.240	-12.40
-6.75	0.245	-12.22
-7.00	0.255	-11.87
-7.25	0.268	-11.44
-7.50	0.282	-11.00
-7.75	0.296	-10.57
-8.00	0.308	-10.23
-8.25	0.318	-9.95
-8.50	0.324	-9.79
-8.75	0.328	-9.68
-9.00	0.328	-9.68
-9.25	0.324	-9.79
-9.50	0.317	-9.98
-9.75	0.307	-10.26
-10.00	0.294	-10.63
-10.50	0.278	-11.12
-11.00	0.260	-11.70
-11.50	0.240	-12.40
-12.00	0.218	-13.23
-12.50	0.196	-14.15
-13.00	0.173	-15.24
-13.50	0.150	-16.48
-14.00	0.130	-17.72
-14.50	0.112	-19.02
-15.00	0.098	-20.18
-15.50	0.092	-20.72
-16.00	0.092	-20.72
-16.50	0.098	-20.18
-17.00	0.109	-19.25
-17.50	0.121	-18.34
-18.00	0.134	-17.46
-18.50	0.145	-16.77
-19.00	0.156	-16.14
-19.50	0.165	-15.65
-20.00	0.171	-15.34
-20.50	0.176	-15.09
-21.00	0.178	-14.99
-21.50	0.177	-15.04
-22.00	0.175	-15.14
-22.50	0.170	-15.39
-23.00	0.163	-15.76
-23.50	0.154	-16.25
-24.00	0.143	-16.89
-24.50	0.131	-17.65

Angle	Field	dB
-25.00	0.118	-18.56
-25.50	0.104	-19.66
-26.00	0.089	-21.01
-26.50	0.074	-22.62
-27.00	0.061	-24.29
-27.50	0.049	-26.20
-28.00	0.042	-27.54
-28.50	0.041	-27.74
-29.00	0.047	-26.56
-29.50	0.056	-25.04
-30.00	0.067	-23.48
-30.50	0.078	-22.16
-31.00	0.089	-21.01
-31.50	0.099	-20.09
-32.00	0.107	-19.41
-32.50	0.114	-18.86
-33.00	0.119	-18.49
-33.50	0.123	-18.20
-34.00	0.125	-18.06
-34.50	0.125	-18.06
-35.00	0.123	-18.20
-35.50	0.120	-18.42
-36.00	0.116	-18.71
-36.50	0.110	-19.17
-37.00	0.102	-19.83
-37.50	0.094	-20.54
-38.00	0.084	-21.51
-38.50	0.074	-22.62
-39.00	0.063	-24.01
-39.50	0.052	-25.68
-40.00	0.041	-27.74
-40.50	0.031	-30.17
-41.00	0.025	-32.04
-41.50	0.024	-32.40
-42.00	0.029	-30.75
-42.50	0.037	-28.64
-43.00	0.046	-26.74
-43.50	0.056	-25.04
-44.00	0.065	-23.74
-44.50	0.073	-22.73
-45.00	0.080	-21.94
-45.50	0.087	-21.21
-46.00	0.092	-20.72
-46.50	0.096	-20.35
-47.00	0.099	-20.09

Angle	Field	dB
-47.50	0.100	-20.00
-48.00	0.100	-20.00
-48.50	0.099	-20.09
-49.00	0.097	-20.26
-49.50	0.093	-20.63
-50.00	0.089	-21.01
-50.50	0.083	-21.62
-51.00	0.077	-22.27
-51.50	0.069	-23.22
-52.00	0.061	-24.29
-52.50	0.052	-25.68
-53.00	0.043	-27.33
-53.50	0.034	-29.37
-54.00	0.024	-32.40
-54.50	0.016	-35.92
-55.00	0.011	-39.17
-55.50	0.013	-37.72
-56.00	0.021	-33.56
-56.50	0.030	-30.46
-57.00	0.039	-28.18
-57.50	0.047	-26.56
-58.00	0.055	-25.19
-58.50	0.062	-24.15
-59.00	0.068	-23.35
-59.50	0.074	-22.62
-60.00	0.079	-22.05
-60.50	0.082	-21.72
-61.00	0.085	-21.41
-61.50	0.087	-21.21
-62.00	0.088	-21.11
-62.50	0.088	-21.11
-63.00	0.087	-21.21
-63.50	0.085	-21.41
-64.00	0.082	-21.72
-64.50	0.078	-22.16
-65.00	0.074	-22.62
-65.50	0.069	-23.22
-66.00	0.063	-24.01
-66.50	0.056	-25.04
-67.00	0.049	-26.20
-67.50	0.042	-27.54
-68.00	0.034	-29.37
-68.50	0.025	-32.04
-69.00	0.017	-35.39
-69.50	0.009	-40.92

Angle	Field	dB
-70.00	0.003	-50.46
-70.50	0.009	-40.92
-71.00	0.017	-35.39
-71.50	0.025	-32.04
-72.00	0.033	-29.63
-72.50	0.040	-27.96
-73.00	0.048	-26.38
-73.50	0.054	-25.35
-74.00	0.060	-24.44
-74.50	0.065	-23.74
-75.00	0.070	-23.10
-75.50	0.074	-22.62
-76.00	0.078	-22.16
-76.50	0.080	-21.94
-77.00	0.082	-21.72
-77.50	0.084	-21.51
-78.00	0.084	-21.51
-78.50	0.084	-21.51
-79.00	0.083	-21.62
-79.50	0.081	-21.83
-80.00	0.079	-22.05
-80.50	0.076	-22.38
-81.00	0.073	-22.73
-81.50	0.068	-23.35
-82.00	0.064	-23.88
-82.50	0.059	-24.58
-83.00	0.053	-25.51
-83.50	0.047	-26.56
-84.00	0.041	-27.74
-84.50	0.035	-29.12
-85.00	0.028	-31.06
-85.50	0.022	-33.15
-86.00	0.016	-35.92
-86.50	0.011	-39.17
-87.00	0.010	-40.00
-87.50	0.014	-37.08
-88.00	0.019	-34.42
-88.50	0.026	-31.70
-89.00	0.032	-29.90
-89.50	0.038	-28.40
-90.00	0.044	-27.13

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