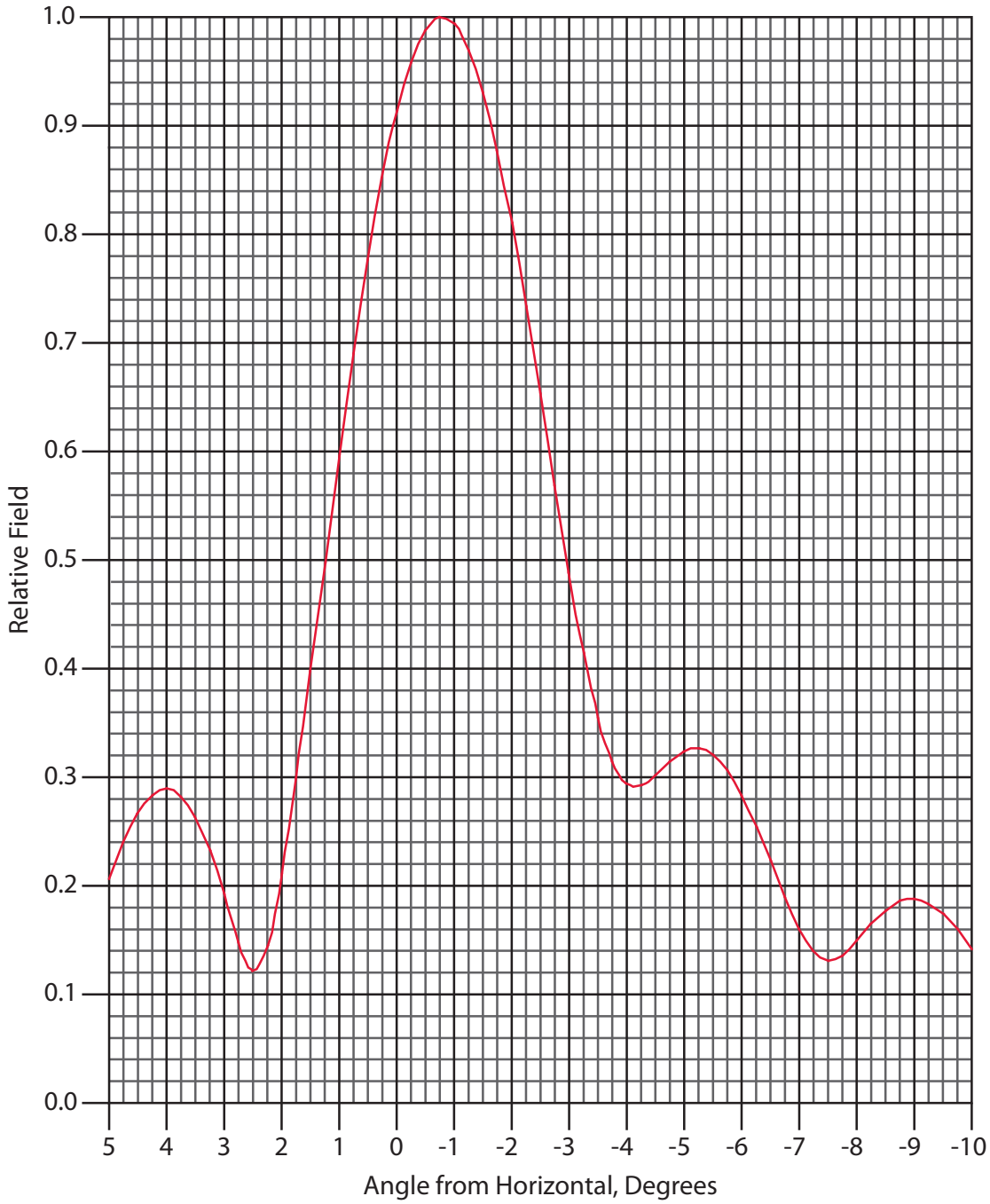
Elevation Pattern

Type:	ATW16H3H	
Directivity	*Numeric*	*dBd*
Main Lobe:	16.00	(12.04)
Horizontal:	13.33	(11.25)
Beam Tilt	-0.75 °	
Polarization:	Horizontal	
Frequency:		
Location:		



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Tabulated Data for Elevation Pattern

Type: ATW16H3H

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

Angle	Field	dB
5.00	0.207	-13.68
4.75	0.241	-12.38
4.50	0.267	-11.47
4.25	0.284	-10.95
4.00	0.289	-10.78
3.75	0.283	-10.98
3.50	0.264	-11.57
3.25	0.233	-12.67
3.00	0.192	-14.33
2.75	0.149	-16.57
2.50	0.121	-18.34
2.25	0.145	-16.80
2.00	0.211	-13.51
1.75	0.300	-10.47
1.50	0.397	-8.02
1.25	0.498	-6.06
1.00	0.597	-4.48
0.75	0.691	-3.21
0.50	0.777	-2.19
0.25	0.852	-1.40
0.00	0.913	-0.79
-0.25	0.959	-0.37
-0.50	0.988	-0.10
-0.75	1.000	0.00
-1.00	0.994	-0.05
-1.25	0.970	-0.27
-1.50	0.930	-0.63
-1.75	0.876	-1.15
-2.00	0.810	-1.83
-2.25	0.734	-2.69
-2.50	0.653	-3.70
-2.75	0.569	-4.90
-3.00	0.488	-6.23
-3.25	0.415	-7.65
-3.50	0.354	-9.02
-3.75	0.314	-10.06
-4.00	0.294	-10.63
-4.25	0.293	-10.66
-4.50	0.302	-10.40
-4.75	0.315	-10.05
-5.00	0.324	-9.79
-5.25	0.326	-9.74
-5.50	0.320	-9.90
-5.75	0.306	-10.29
-6.00	0.284	-10.93

Angle	Field	dB
-6.25	0.255	-11.87
-6.50	0.223	-13.03
-6.75	0.190	-14.45
-7.00	0.160	-15.92
-7.25	0.140	-17.08
-7.50	0.131	-17.65
-7.75	0.136	-17.33
-8.00	0.149	-16.54
-8.25	0.165	-15.68
-8.50	0.177	-15.04
-8.75	0.186	-14.61
-9.00	0.188	-14.52
-9.25	0.184	-14.70
-9.50	0.174	-15.19
-9.75	0.160	-15.94
-10.00	0.141	-17.02
-10.50	0.103	-19.74
-11.00	0.085	-21.41
-11.50	0.101	-19.91
-12.00	0.124	-18.13
-12.50	0.135	-17.39
-13.00	0.129	-17.79
-13.50	0.106	-19.49
-14.00	0.078	-22.16
-14.50	0.063	-24.01
-15.00	0.075	-22.50
-15.50	0.095	-20.45
-16.00	0.106	-19.49
-16.50	0.103	-19.74
-17.00	0.087	-21.21
-17.50	0.065	-23.74
-18.00	0.051	-25.85
-18.50	0.058	-24.73
-19.00	0.075	-22.50
-19.50	0.087	-21.21
-20.00	0.088	-21.11
-20.50	0.077	-22.27
-21.00	0.059	-24.58
-21.50	0.044	-27.13
-22.00	0.044	-27.13
-22.50	0.059	-24.58
-23.00	0.072	-22.85
-23.50	0.077	-22.27
-24.00	0.072	-22.85
-24.50	0.058	-24.73

Angle	Field	dB
-25.00	0.042	-27.54
-25.50	0.035	-29.12
-26.00	0.045	-26.94
-26.50	0.059	-24.58
-27.00	0.068	-23.35
-27.50	0.069	-23.22
-28.00	0.061	-24.29
-28.50	0.048	-26.38
-29.00	0.034	-29.37
-29.50	0.033	-29.63
-30.00	0.044	-27.13
-30.50	0.056	-25.04
-31.00	0.063	-24.01
-31.50	0.063	-24.01
-32.00	0.055	-25.19
-32.50	0.043	-27.33
-33.00	0.031	-30.17
-33.50	0.029	-30.75
-34.00	0.040	-27.96
-34.50	0.052	-25.68
-35.00	0.060	-24.44
-35.50	0.061	-24.29
-36.00	0.056	-25.04
-36.50	0.045	-26.94
-37.00	0.032	-29.90
-37.50	0.025	-32.04
-38.00	0.032	-29.90
-38.50	0.044	-27.13
-39.00	0.054	-25.35
-39.50	0.059	-24.58
-40.00	0.058	-24.73
-40.50	0.052	-25.68
-41.00	0.041	-27.74
-41.50	0.029	-30.75
-42.00	0.024	-32.40
-42.50	0.031	-30.17
-43.00	0.042	-27.54
-43.50	0.053	-25.51
-44.00	0.059	-24.58
-44.50	0.059	-24.58
-45.00	0.055	-25.19
-45.50	0.046	-26.74
-46.00	0.035	-29.12
-46.50	0.024	-32.40
-47.00	0.023	-32.77

Angle	Field	dB
-47.50	0.032	-29.90
-48.00	0.044	-27.13
-48.50	0.053	-25.51
-49.00	0.059	-24.58
-49.50	0.060	-24.44
-50.00	0.057	-24.88
-50.50	0.049	-26.20
-51.00	0.039	-28.18
-51.50	0.027	-31.37
-52.00	0.019	-34.42
-52.50	0.023	-32.77
-53.00	0.034	-29.37
-53.50	0.045	-26.94
-54.00	0.054	-25.35
-54.50	0.060	-24.44
-55.00	0.062	-24.15
-55.50	0.061	-24.29
-56.00	0.055	-25.19
-56.50	0.047	-26.56
-57.00	0.036	-28.87
-57.50	0.025	-32.04
-58.00	0.017	-35.39
-58.50	0.020	-33.98
-59.00	0.030	-30.46
-59.50	0.041	-27.74
-60.00	0.051	-25.85
-60.50	0.059	-24.58
-61.00	0.065	-23.74
-61.50	0.067	-23.48
-62.00	0.067	-23.48
-62.50	0.063	-24.01
-63.00	0.057	-24.88
-63.50	0.049	-26.20
-64.00	0.039	-28.18
-64.50	0.028	-31.06
-65.00	0.017	-35.39
-65.50	0.011	-39.17
-66.00	0.017	-35.39
-66.50	0.028	-31.06
-67.00	0.039	-28.18
-67.50	0.049	-26.20
-68.00	0.058	-24.73
-68.50	0.066	-23.61
-69.00	0.071	-22.97
-69.50	0.075	-22.50

Angle	Field	dB
-70.00	0.077	-22.27
-70.50	0.078	-22.16
-71.00	0.077	-22.27
-71.50	0.074	-22.62
-72.00	0.070	-23.10
-72.50	0.065	-23.74
-73.00	0.059	-24.58
-73.50	0.052	-25.68
-74.00	0.045	-26.94
-74.50	0.037	-28.64
-75.00	0.030	-30.46
-75.50	0.022	-33.15
-76.00	0.014	-37.08
-76.50	0.007	-43.10
-77.00	0.002	-53.98
-77.50	0.008	-41.94
-78.00	0.014	-37.08
-78.50	0.019	-34.42
-79.00	0.024	-32.40
-79.50	0.028	-31.06
-80.00	0.032	-29.90
-80.50	0.035	-29.12
-81.00	0.037	-28.64
-81.50	0.039	-28.18
-82.00	0.040	-27.96
-82.50	0.040	-27.96
-83.00	0.040	-27.96
-83.50	0.039	-28.18
-84.00	0.038	-28.40
-84.50	0.036	-28.87
-85.00	0.034	-29.37
-85.50	0.032	-29.90
-86.00	0.029	-30.75
-86.50	0.026	-31.70
-87.00	0.023	-32.77
-87.50	0.019	-34.42
-88.00	0.016	-35.92
-88.50	0.012	-38.42
-89.00	0.008	-41.94
-89.50	0.004	-47.96
-90.00	0.000	---

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