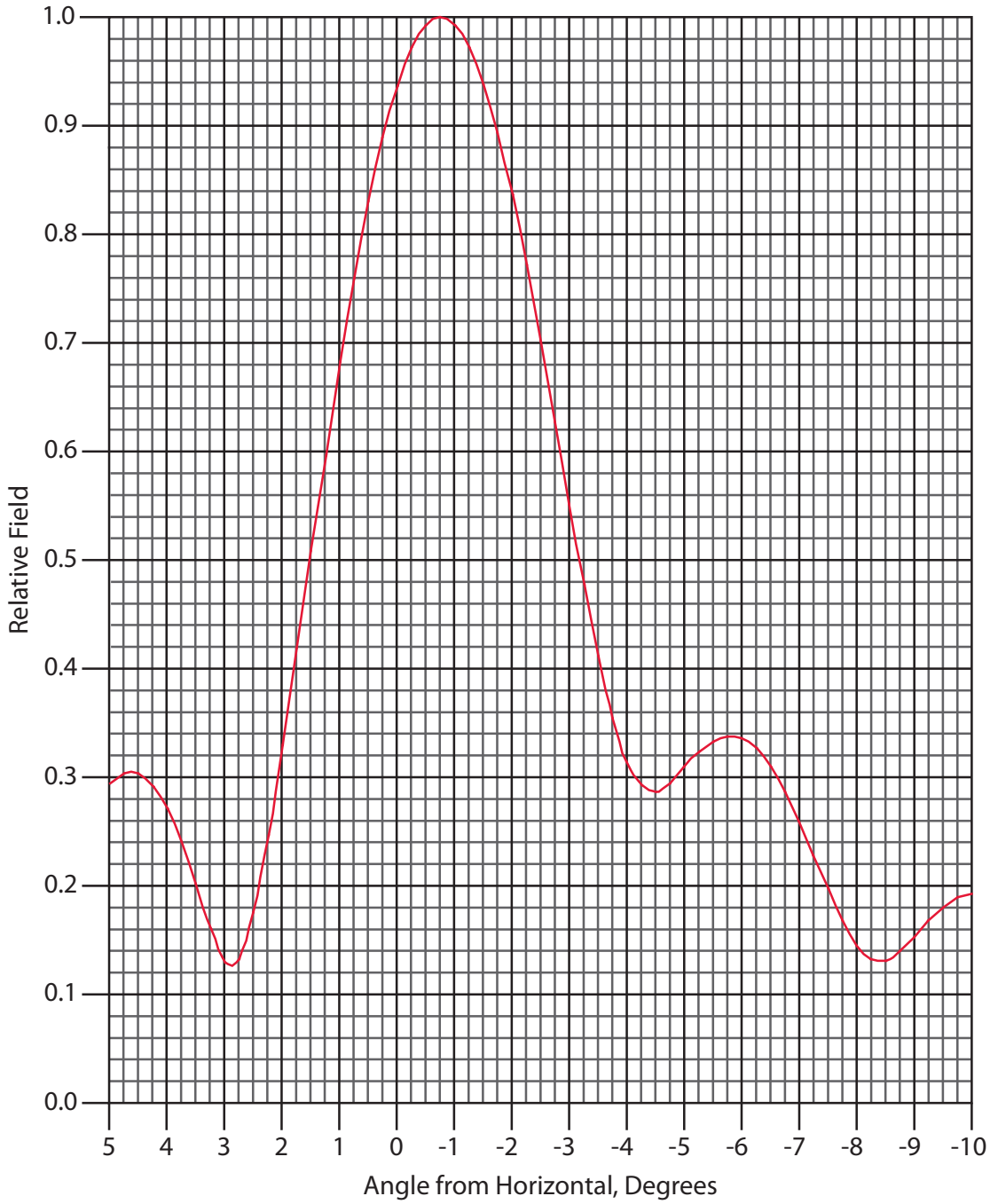
Elevation Pattern

Type:	ATW15H3H	
Directivity	*Numeric*	*dBd*
Main Lobe:	15.00	(11.76)
Horizontal:	13.17	(11.20)
Beam Tilt	-0.75 °	
Polarization:	Horizontal	
Frequency:		
Location:		



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Tabulated Data for Elevation Pattern

Type: ATW15H3H

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

Angle	Field	dB
5.00	0.295	-10.60
4.75	0.303	-10.37
4.50	0.303	-10.37
4.25	0.291	-10.72
4.00	0.271	-11.34
3.75	0.240	-12.40
3.50	0.202	-13.89
3.25	0.161	-15.86
3.00	0.129	-17.79
2.75	0.132	-17.59
2.50	0.176	-15.09
2.25	0.247	-12.15
2.00	0.330	-9.63
1.75	0.419	-7.56
1.50	0.509	-5.87
1.25	0.597	-4.48
1.00	0.682	-3.32
0.75	0.760	-2.38
0.50	0.830	-1.62
0.25	0.889	-1.02
0.00	0.937	-0.57
-0.25	0.972	-0.25
-0.50	0.993	-0.06
-0.75	1.000	0.00
-1.00	0.993	-0.06
-1.25	0.972	-0.25
-1.50	0.939	-0.55
-1.75	0.893	-0.98
-2.00	0.837	-1.55
-2.25	0.772	-2.25
-2.50	0.701	-3.09
-2.75	0.627	-4.05
-3.00	0.551	-5.18
-3.25	0.478	-6.41
-3.50	0.411	-7.72
-3.75	0.355	-9.00
-4.00	0.315	-10.03
-4.25	0.292	-10.69
-4.50	0.287	-10.84
-4.75	0.295	-10.60
-5.00	0.309	-10.20
-5.25	0.323	-9.82
-5.50	0.333	-9.55
-5.75	0.338	-9.42
-6.00	0.336	-9.47

Angle	Field	dB
-6.25	0.326	-9.74
-6.50	0.309	-10.20
-6.75	0.286	-10.87
-7.00	0.259	-11.73
-7.25	0.228	-12.84
-7.50	0.197	-14.11
-7.75	0.168	-15.49
-8.00	0.145	-16.77
-8.25	0.133	-17.52
-8.50	0.131	-17.65
-8.75	0.140	-17.08
-9.00	0.153	-16.31
-9.25	0.168	-15.49
-9.50	0.180	-14.89
-9.75	0.189	-14.47
-10.00	0.193	-14.29
-10.50	0.185	-14.66
-11.00	0.159	-15.97
-11.50	0.123	-18.20
-12.00	0.091	-20.82
-12.50	0.084	-21.51
-13.00	0.103	-19.74
-13.50	0.125	-18.06
-14.00	0.136	-17.33
-14.50	0.133	-17.52
-15.00	0.117	-18.64
-15.50	0.091	-20.82
-16.00	0.068	-23.35
-16.50	0.062	-24.15
-17.00	0.077	-22.27
-17.50	0.096	-20.35
-18.00	0.107	-19.41
-18.50	0.107	-19.41
-19.00	0.096	-20.35
-19.50	0.077	-22.27
-20.00	0.057	-24.88
-20.50	0.049	-26.20
-21.00	0.060	-24.44
-21.50	0.076	-22.38
-22.00	0.088	-21.11
-22.50	0.091	-20.82
-23.00	0.085	-21.41
-23.50	0.071	-22.97
-24.00	0.054	-25.35
-24.50	0.042	-27.54

Angle	Field	dB
-25.00	0.046	-26.74
-25.50	0.060	-24.44
-26.00	0.073	-22.73
-26.50	0.080	-21.94
-27.00	0.080	-21.94
-27.50	0.071	-22.97
-28.00	0.058	-24.73
-28.50	0.043	-27.33
-29.00	0.037	-28.64
-29.50	0.044	-27.13
-30.00	0.057	-24.88
-30.50	0.068	-23.35
-31.00	0.074	-22.62
-31.50	0.073	-22.73
-32.00	0.065	-23.74
-32.50	0.053	-25.51
-33.00	0.039	-28.18
-33.50	0.033	-29.63
-34.00	0.039	-28.18
-34.50	0.051	-25.85
-35.00	0.062	-24.15
-35.50	0.069	-23.22
-36.00	0.070	-23.10
-36.50	0.065	-23.74
-37.00	0.055	-25.19
-37.50	0.043	-27.33
-38.00	0.033	-29.63
-38.50	0.031	-30.17
-39.00	0.040	-27.96
-39.50	0.052	-25.68
-40.00	0.062	-24.15
-40.50	0.067	-23.48
-41.00	0.068	-23.35
-41.50	0.063	-24.01
-42.00	0.055	-25.19
-42.50	0.043	-27.33
-43.00	0.033	-29.63
-43.50	0.029	-30.75
-44.00	0.035	-29.12
-44.50	0.046	-26.74
-45.00	0.057	-24.88
-45.50	0.064	-23.88
-46.00	0.068	-23.35
-46.50	0.067	-23.48
-47.00	0.062	-24.15

Angle	Field	dB
-47.50	0.054	-25.35
-48.00	0.043	-27.33
-48.50	0.033	-29.63
-49.00	0.027	-31.37
-49.50	0.031	-30.17
-50.00	0.041	-27.74
-50.50	0.052	-25.68
-51.00	0.062	-24.15
-51.50	0.068	-23.35
-52.00	0.071	-22.97
-52.50	0.070	-23.10
-53.00	0.066	-23.61
-53.50	0.058	-24.73
-54.00	0.048	-26.38
-54.50	0.037	-28.64
-55.00	0.028	-31.06
-55.50	0.026	-31.70
-56.00	0.032	-29.90
-56.50	0.042	-27.54
-57.00	0.053	-25.51
-57.50	0.063	-24.01
-58.00	0.070	-23.10
-58.50	0.075	-22.50
-59.00	0.077	-22.27
-59.50	0.077	-22.27
-60.00	0.073	-22.73
-60.50	0.067	-23.48
-61.00	0.058	-24.73
-61.50	0.048	-26.38
-62.00	0.037	-28.64
-62.50	0.027	-31.37
-63.00	0.021	-33.56
-63.50	0.023	-32.77
-64.00	0.032	-29.90
-64.50	0.043	-27.33
-65.00	0.054	-25.35
-65.50	0.064	-23.88
-66.00	0.073	-22.73
-66.50	0.080	-21.94
-67.00	0.086	-21.31
-67.50	0.089	-21.01
-68.00	0.091	-20.82
-68.50	0.091	-20.82
-69.00	0.089	-21.01
-69.50	0.086	-21.31

Angle	Field	dB
-70.00	0.081	-21.83
-70.50	0.075	-22.50
-71.00	0.068	-23.35
-71.50	0.060	-24.44
-72.00	0.052	-25.68
-72.50	0.043	-27.33
-73.00	0.034	-29.37
-73.50	0.024	-32.40
-74.00	0.015	-36.48
-74.50	0.007	-43.10
-75.00	0.005	-46.02
-75.50	0.012	-38.42
-76.00	0.019	-34.42
-76.50	0.026	-31.70
-77.00	0.032	-29.90
-77.50	0.038	-28.40
-78.00	0.043	-27.33
-78.50	0.047	-26.56
-79.00	0.050	-26.02
-79.50	0.053	-25.51
-80.00	0.055	-25.19
-80.50	0.057	-24.88
-81.00	0.057	-24.88
-81.50	0.057	-24.88
-82.00	0.057	-24.88
-82.50	0.056	-25.04
-83.00	0.054	-25.35
-83.50	0.052	-25.68
-84.00	0.050	-26.02
-84.50	0.047	-26.56
-85.00	0.044	-27.13
-85.50	0.040	-27.96
-86.00	0.036	-28.87
-86.50	0.032	-29.90
-87.00	0.028	-31.06
-87.50	0.024	-32.40
-88.00	0.019	-34.42
-88.50	0.014	-37.08
-89.00	0.010	-40.00
-89.50	0.005	-46.02
-90.00	0.000	---

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