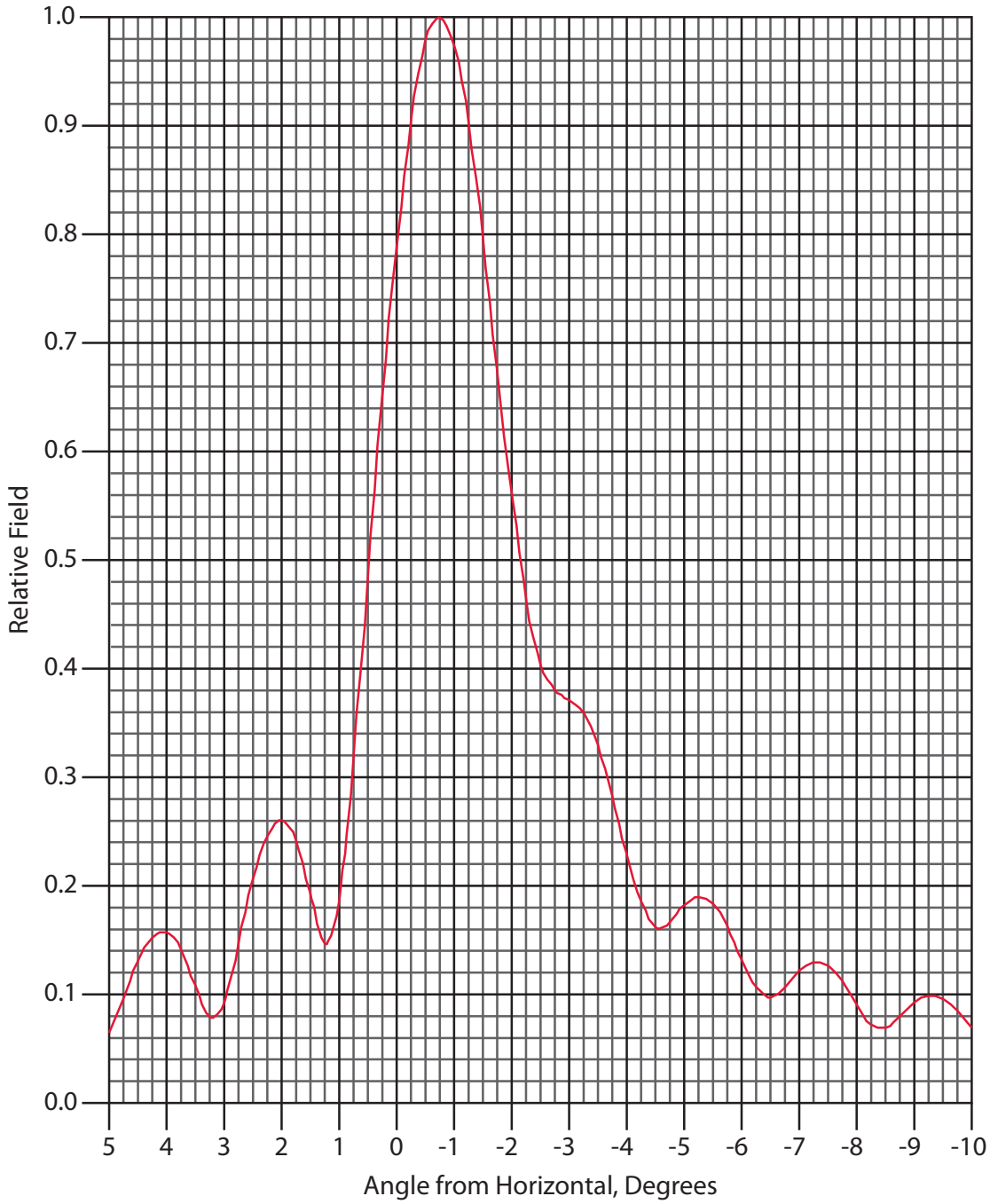
Elevation Pattern

Type:	ATW27H3H	
Directivity	*Numeric*	*dBd*
Main Lobe:	27.00	(14.31)
Horizontal:	16.94	(12.29)
Beam Tilt	-0.75 °	
Polarization:	Horizontal	
Frequency:		
Location:		



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Tabulated Data for Elevation Pattern

Type: ATW27H3H

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

Angle	Field	dB
5.00	0.065	-23.74
4.75	0.095	-20.45
4.50	0.129	-17.79
4.25	0.152	-16.36
4.00	0.157	-16.08
3.75	0.142	-16.95
3.50	0.110	-19.17
3.25	0.078	-22.16
3.00	0.092	-20.72
2.75	0.147	-16.65
2.50	0.205	-13.76
2.25	0.246	-12.18
2.00	0.261	-11.67
1.75	0.242	-12.32
1.50	0.194	-14.24
1.25	0.147	-16.65
1.00	0.188	-14.52
0.75	0.319	-9.92
0.50	0.481	-6.36
0.25	0.645	-3.81
0.00	0.792	-2.03
-0.25	0.906	-0.86
-0.50	0.978	-0.19
-0.75	1.000	0.00
-1.00	0.973	-0.24
-1.25	0.902	-0.90
-1.50	0.798	-1.96
-1.75	0.677	-3.39
-2.00	0.558	-5.07
-2.25	0.462	-6.71
-2.50	0.404	-7.87
-2.75	0.380	-8.40
-3.00	0.372	-8.59
-3.25	0.359	-8.90
-3.50	0.329	-9.66
-3.75	0.284	-10.93
-4.00	0.231	-12.73
-4.25	0.185	-14.66
-4.50	0.162	-15.81
-4.75	0.167	-15.55
-5.00	0.182	-14.80
-5.25	0.190	-14.42
-5.50	0.183	-14.75
-5.75	0.163	-15.76
-6.00	0.133	-17.52

Angle	Field	dB
-6.25	0.107	-19.41
-6.50	0.097	-20.26
-6.75	0.106	-19.49
-7.00	0.121	-18.34
-7.25	0.129	-17.79
-7.50	0.126	-17.99
-7.75	0.112	-19.02
-8.00	0.091	-20.82
-8.25	0.073	-22.73
-8.50	0.070	-23.10
-8.75	0.080	-21.94
-9.00	0.093	-20.63
-9.25	0.099	-20.09
-9.50	0.096	-20.35
-9.75	0.085	-21.41
-10.00	0.069	-23.22
-10.50	0.055	-25.19
-11.00	0.075	-22.50
-11.50	0.078	-22.16
-12.00	0.055	-25.19
-12.50	0.046	-26.74
-13.00	0.064	-23.88
-13.50	0.066	-23.61
-14.00	0.046	-26.74
-14.50	0.039	-28.18
-15.00	0.056	-25.04
-15.50	0.058	-24.73
-16.00	0.041	-27.74
-16.50	0.034	-29.37
-17.00	0.049	-26.20
-17.50	0.052	-25.68
-18.00	0.037	-28.64
-18.50	0.030	-30.46
-19.00	0.043	-27.33
-19.50	0.048	-26.38
-20.00	0.036	-28.87
-20.50	0.026	-31.70
-21.00	0.038	-28.40
-21.50	0.044	-27.13
-22.00	0.034	-29.37
-22.50	0.024	-32.40
-23.00	0.033	-29.63
-23.50	0.041	-27.74
-24.00	0.035	-29.12
-24.50	0.023	-32.77

Angle	Field	dB
-25.00	0.029	-30.75
-25.50	0.039	-28.18
-26.00	0.036	-28.87
-26.50	0.024	-32.40
-27.00	0.023	-32.77
-27.50	0.034	-29.37
-28.00	0.036	-28.87
-28.50	0.027	-31.37
-29.00	0.019	-34.42
-29.50	0.029	-30.75
-30.00	0.036	-28.87
-30.50	0.031	-30.17
-31.00	0.020	-33.98
-31.50	0.022	-33.15
-32.00	0.032	-29.90
-32.50	0.034	-29.37
-33.00	0.025	-32.04
-33.50	0.017	-35.39
-34.00	0.025	-32.04
-34.50	0.033	-29.63
-35.00	0.031	-30.17
-35.50	0.021	-33.56
-36.00	0.017	-35.39
-36.50	0.027	-31.37
-37.00	0.033	-29.63
-37.50	0.029	-30.75
-38.00	0.019	-34.42
-38.50	0.018	-34.89
-39.00	0.028	-31.06
-39.50	0.033	-29.63
-40.00	0.029	-30.75
-40.50	0.019	-34.42
-41.00	0.017	-35.39
-41.50	0.027	-31.37
-42.00	0.033	-29.63
-42.50	0.030	-30.46
-43.00	0.020	-33.98
-43.50	0.015	-36.48
-44.00	0.024	-32.40
-44.50	0.032	-29.90
-45.00	0.032	-29.90
-45.50	0.025	-32.04
-46.00	0.015	-36.48
-46.50	0.018	-34.89
-47.00	0.028	-31.06

Angle	Field	dB
-47.50	0.033	-29.63
-48.00	0.031	-30.17
-48.50	0.022	-33.15
-49.00	0.014	-37.08
-49.50	0.020	-33.98
-50.00	0.029	-30.75
-50.50	0.034	-29.37
-51.00	0.031	-30.17
-51.50	0.023	-32.77
-52.00	0.014	-37.08
-52.50	0.018	-34.89
-53.00	0.028	-31.06
-53.50	0.034	-29.37
-54.00	0.034	-29.37
-54.50	0.027	-31.37
-55.00	0.018	-34.89
-55.50	0.014	-37.08
-56.00	0.022	-33.15
-56.50	0.031	-30.17
-57.00	0.036	-28.87
-57.50	0.035	-29.12
-58.00	0.029	-30.75
-58.50	0.019	-34.42
-59.00	0.013	-37.72
-59.50	0.019	-34.42
-60.00	0.029	-30.75
-60.50	0.036	-28.87
-61.00	0.038	-28.40
-61.50	0.036	-28.87
-62.00	0.029	-30.75
-62.50	0.019	-34.42
-63.00	0.012	-38.42
-63.50	0.017	-35.39
-64.00	0.027	-31.37
-64.50	0.035	-29.12
-65.00	0.040	-27.96
-65.50	0.041	-27.74
-66.00	0.037	-28.64
-66.50	0.031	-30.17
-67.00	0.022	-33.15
-67.50	0.012	-38.42
-68.00	0.011	-39.17
-68.50	0.019	-34.42
-69.00	0.029	-30.75
-69.50	0.036	-28.87

Angle	Field	dB
-70.00	0.042	-27.54
-70.50	0.044	-27.13
-71.00	0.044	-27.13
-71.50	0.040	-27.96
-72.00	0.035	-29.12
-72.50	0.028	-31.06
-73.00	0.019	-34.42
-73.50	0.011	-39.17
-74.00	0.006	-44.44
-74.50	0.012	-38.42
-75.00	0.019	-34.42
-75.50	0.027	-31.37
-76.00	0.033	-29.63
-76.50	0.037	-28.64
-77.00	0.041	-27.74
-77.50	0.042	-27.54
-78.00	0.043	-27.33
-78.50	0.042	-27.54
-79.00	0.041	-27.74
-79.50	0.038	-28.40
-80.00	0.035	-29.12
-80.50	0.032	-29.90
-81.00	0.028	-31.06
-81.50	0.024	-32.40
-82.00	0.020	-33.98
-82.50	0.016	-35.92
-83.00	0.013	-37.72
-83.50	0.009	-40.92
-84.00	0.007	-43.10
-84.50	0.004	-47.96
-85.00	0.002	-53.98
-85.50	0.001	-60.00
-86.00	0.001	-60.00
-86.50	0.001	-60.00
-87.00	0.002	-53.98
-87.50	0.002	-53.98
-88.00	0.002	-53.98
-88.50	0.002	-53.98
-89.00	0.001	-60.00
-89.50	0.001	-60.00
-90.00	0.000	---

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