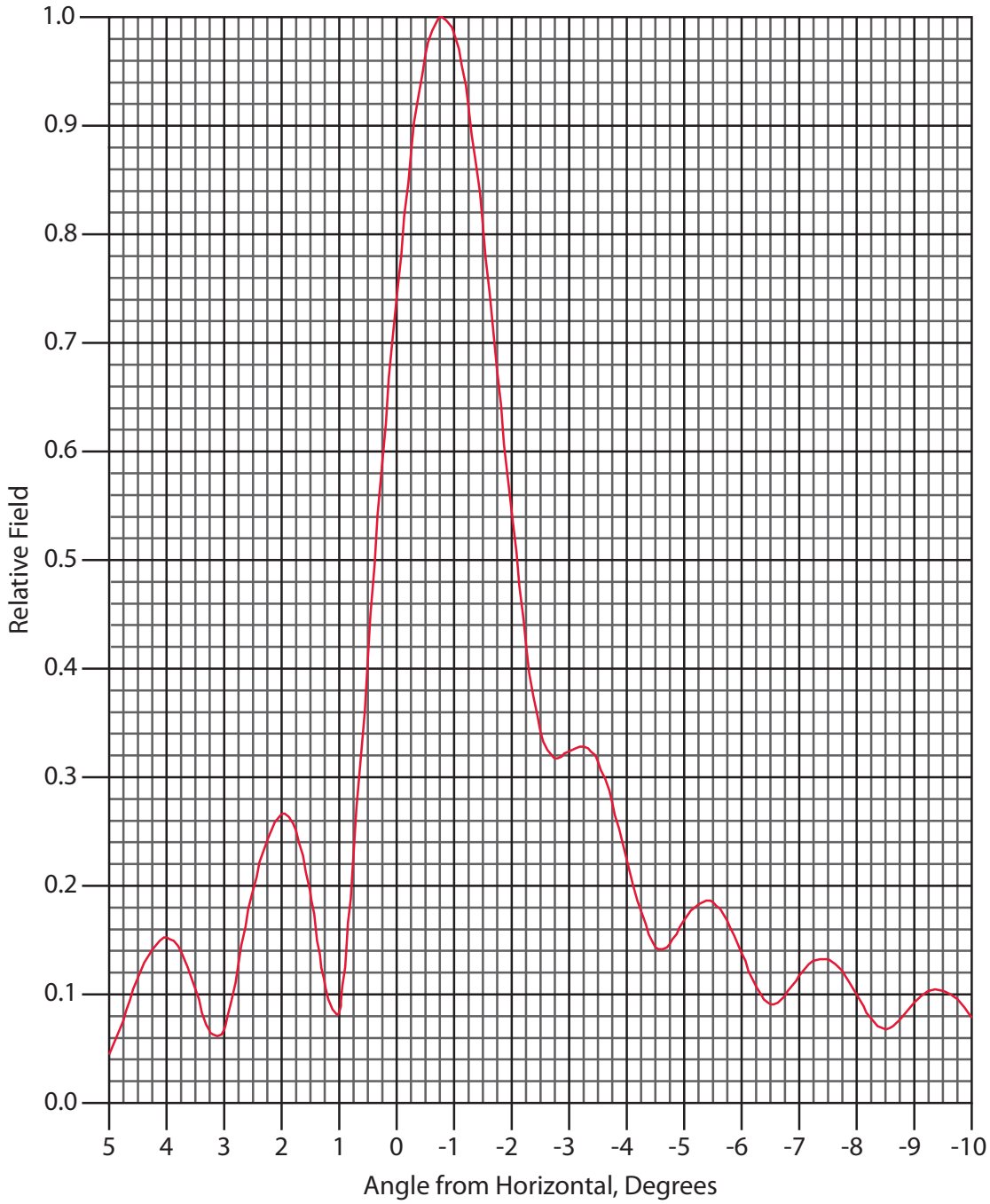
Elevation Pattern

Type:	ATW28H3H	
Directivity	*Numeric*	*dBd*
Main Lobe:	28.00	(14.47)
Horizontal:	15.58	(11.93)
Beam Tilt	-0.75 °	
Polarization:	Horizontal	
Frequency:		
Location:		



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Tabulated Data for Elevation Pattern

Type: ATW28H3H

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

Angle	Field	dB
5.00	0.044	-27.13
4.75	0.076	-22.38
4.50	0.114	-18.86
4.25	0.142	-16.95
4.00	0.152	-16.36
3.75	0.140	-17.08
3.50	0.107	-19.41
3.25	0.065	-23.74
3.00	0.068	-23.35
2.75	0.128	-17.86
2.50	0.194	-14.24
2.25	0.244	-12.25
2.00	0.266	-11.50
1.75	0.251	-12.01
1.50	0.195	-14.20
1.25	0.106	-19.49
1.00	0.085	-21.41
0.75	0.230	-12.77
0.50	0.406	-7.83
0.25	0.584	-4.67
0.00	0.746	-2.55
-0.25	0.877	-1.14
-0.50	0.964	-0.32
-0.75	1.000	0.00
-1.00	0.983	-0.15
-1.25	0.916	-0.76
-1.50	0.809	-1.84
-1.75	0.677	-3.39
-2.00	0.539	-5.37
-2.25	0.419	-7.56
-2.50	0.342	-9.32
-2.75	0.318	-9.95
-3.00	0.324	-9.79
-3.25	0.328	-9.68
-3.50	0.314	-10.06
-3.75	0.278	-11.12
-4.00	0.227	-12.88
-4.25	0.175	-15.14
-4.50	0.144	-16.83
-4.75	0.147	-16.65
-5.00	0.168	-15.49
-5.25	0.184	-14.70
-5.50	0.185	-14.66
-5.75	0.168	-15.49
-6.00	0.139	-17.14

Angle	Field	dB
-6.25	0.107	-19.41
-6.50	0.091	-20.82
-6.75	0.098	-20.18
-7.00	0.117	-18.64
-7.25	0.131	-17.65
-7.50	0.133	-17.52
-7.75	0.121	-18.34
-8.00	0.100	-20.00
-8.25	0.078	-22.16
-8.50	0.068	-23.35
-8.75	0.077	-22.27
-9.00	0.092	-20.72
-9.25	0.103	-19.74
-9.50	0.104	-19.66
-9.75	0.095	-20.45
-10.00	0.078	-22.16
-10.50	0.056	-25.04
-11.00	0.078	-22.16
-11.50	0.088	-21.11
-12.00	0.066	-23.61
-12.50	0.047	-26.56
-13.00	0.067	-23.48
-13.50	0.076	-22.38
-14.00	0.057	-24.88
-14.50	0.041	-27.74
-15.00	0.058	-24.73
-15.50	0.066	-23.61
-16.00	0.051	-25.85
-16.50	0.035	-29.12
-17.00	0.050	-26.02
-17.50	0.059	-24.58
-18.00	0.046	-26.74
-18.50	0.030	-30.46
-19.00	0.042	-27.54
-19.50	0.053	-25.51
-20.00	0.044	-27.13
-20.50	0.028	-31.06
-21.00	0.036	-28.87
-21.50	0.047	-26.56
-22.00	0.042	-27.54
-22.50	0.026	-31.70
-23.00	0.029	-30.75
-23.50	0.042	-27.54
-24.00	0.041	-27.74
-24.50	0.027	-31.37

Angle	Field	dB
-25.00	0.023	-32.77
-25.50	0.036	-28.87
-26.00	0.039	-28.18
-26.50	0.028	-31.06
-27.00	0.019	-34.42
-27.50	0.030	-30.46
-28.00	0.038	-28.40
-28.50	0.032	-29.90
-29.00	0.019	-34.42
-29.50	0.023	-32.77
-30.00	0.035	-29.12
-30.50	0.035	-29.12
-31.00	0.023	-32.77
-31.50	0.016	-35.92
-32.00	0.028	-31.06
-32.50	0.035	-29.12
-33.00	0.029	-30.75
-33.50	0.017	-35.39
-34.00	0.020	-33.98
-34.50	0.031	-30.17
-35.00	0.034	-29.37
-35.50	0.026	-31.70
-36.00	0.015	-36.48
-36.50	0.022	-33.15
-37.00	0.032	-29.90
-37.50	0.032	-29.90
-38.00	0.023	-32.77
-38.50	0.014	-37.08
-39.00	0.022	-33.15
-39.50	0.032	-29.90
-40.00	0.032	-29.90
-40.50	0.023	-32.77
-41.00	0.014	-37.08
-41.50	0.020	-33.98
-42.00	0.030	-30.46
-42.50	0.032	-29.90
-43.00	0.025	-32.04
-43.50	0.014	-37.08
-44.00	0.016	-35.92
-44.50	0.027	-31.37
-45.00	0.032	-29.90
-45.50	0.029	-30.75
-46.00	0.019	-34.42
-46.50	0.012	-38.42
-47.00	0.021	-33.56

Angle	Field	dB
-47.50	0.030	-30.46
-48.00	0.032	-29.90
-48.50	0.026	-31.70
-49.00	0.015	-36.48
-49.50	0.011	-39.17
-50.00	0.021	-33.56
-50.50	0.030	-30.46
-51.00	0.032	-29.90
-51.50	0.026	-31.70
-52.00	0.016	-35.92
-52.50	0.009	-40.92
-53.00	0.018	-34.89
-53.50	0.027	-31.37
-54.00	0.031	-30.17
-54.50	0.029	-30.75
-55.00	0.021	-33.56
-55.50	0.010	-40.00
-56.00	0.010	-40.00
-56.50	0.021	-33.56
-57.00	0.029	-30.75
-57.50	0.032	-29.90
-58.00	0.029	-30.75
-58.50	0.021	-33.56
-59.00	0.011	-39.17
-59.50	0.007	-43.10
-60.00	0.017	-35.39
-60.50	0.026	-31.70
-61.00	0.032	-29.90
-61.50	0.032	-29.90
-62.00	0.028	-31.06
-62.50	0.020	-33.98
-63.00	0.010	-40.00
-63.50	0.005	-46.02
-64.00	0.015	-36.48
-64.50	0.025	-32.04
-65.00	0.032	-29.90
-65.50	0.035	-29.12
-66.00	0.034	-29.37
-66.50	0.030	-30.46
-67.00	0.022	-33.15
-67.50	0.013	-37.72
-68.00	0.003	-50.46
-68.50	0.009	-40.92
-69.00	0.020	-33.98
-69.50	0.028	-31.06

Angle	Field	dB
-70.00	0.034	-29.37
-70.50	0.038	-28.40
-71.00	0.039	-28.18
-71.50	0.037	-28.64
-72.00	0.033	-29.63
-72.50	0.027	-31.37
-73.00	0.020	-33.98
-73.50	0.011	-39.17
-74.00	0.002	-53.98
-74.50	0.007	-43.10
-75.00	0.015	-36.48
-75.50	0.023	-32.77
-76.00	0.029	-30.75
-76.50	0.035	-29.12
-77.00	0.039	-28.18
-77.50	0.041	-27.74
-78.00	0.043	-27.33
-78.50	0.043	-27.33
-79.00	0.042	-27.54
-79.50	0.040	-27.96
-80.00	0.037	-28.64
-80.50	0.034	-29.37
-81.00	0.031	-30.17
-81.50	0.027	-31.37
-82.00	0.024	-32.40
-82.50	0.020	-33.98
-83.00	0.017	-35.39
-83.50	0.013	-37.72
-84.00	0.011	-39.17
-84.50	0.008	-41.94
-85.00	0.006	-44.44
-85.50	0.005	-46.02
-86.00	0.004	-47.96
-86.50	0.003	-50.46
-87.00	0.003	-50.46
-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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