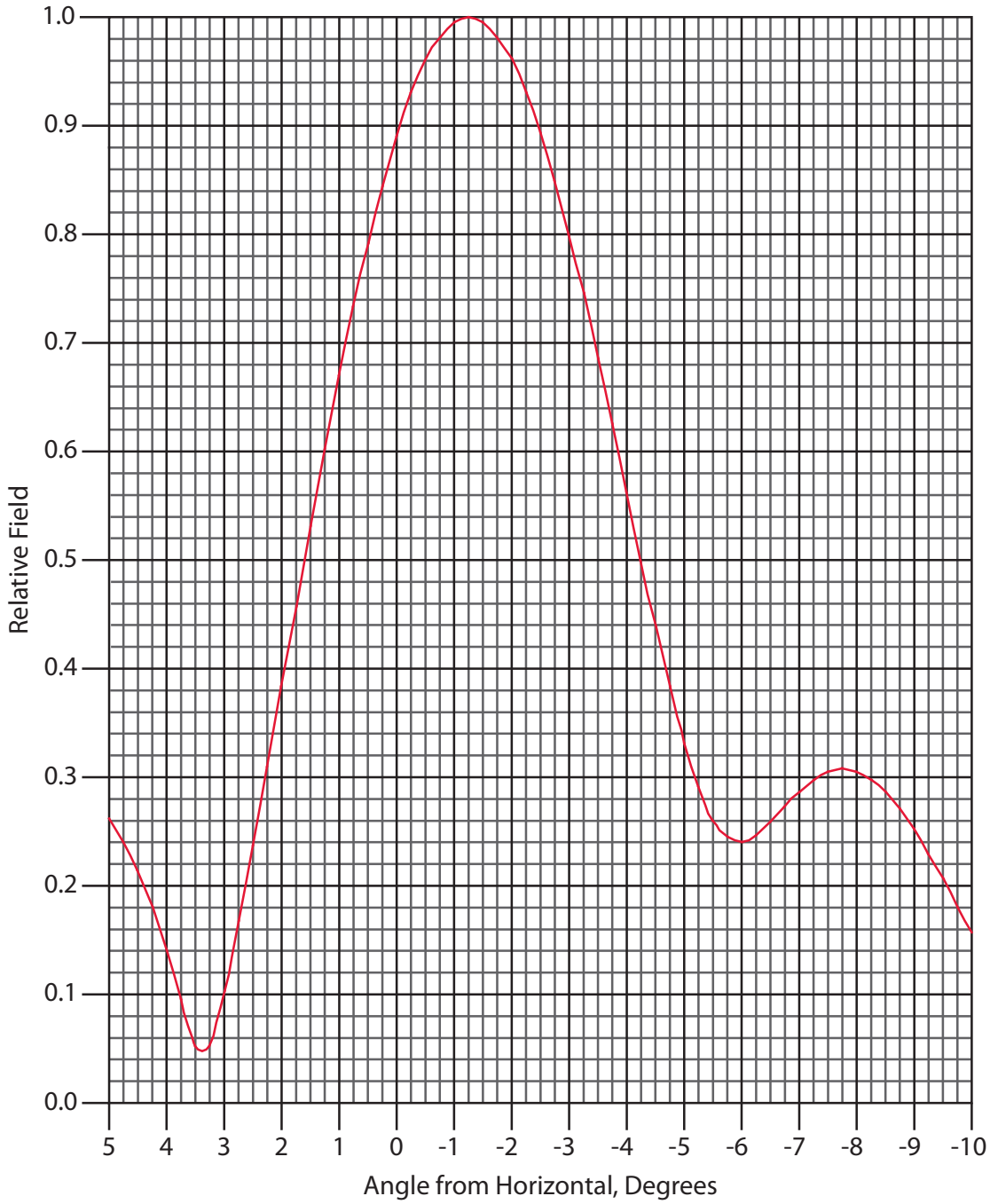
Elevation Pattern

Type:	AL12PL5	
Directivity	*Numeric*	*dBd*
Main Lobe:	12.00	(10.79)
Horizontal:	9.52	(9.79)
Beam Tilt	-1.25 °	
Polarization:	Horizontal and Vertical	
Frequency:		
Location:		



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Tabulated Data for Elevation Pattern

Type: AL12PL5

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

Angle	Field	dB
5.00	0.262	-11.63
4.75	0.241	-12.36
4.50	0.214	-13.39
4.25	0.180	-14.89
4.00	0.140	-17.08
3.75	0.095	-20.45
3.50	0.053	-25.51
3.25	0.053	-25.51
3.00	0.103	-19.74
2.75	0.168	-15.49
2.50	0.237	-12.51
2.25	0.310	-10.17
2.00	0.383	-8.34
1.75	0.458	-6.78
1.50	0.531	-5.50
1.25	0.602	-4.41
1.00	0.670	-3.48
0.75	0.734	-2.69
0.50	0.792	-2.03
0.25	0.845	-1.46
0.00	0.891	-1.00
-0.25	0.930	-0.63
-0.50	0.960	-0.35
-0.75	0.982	-0.16
-1.00	0.996	-0.03
-1.25	1.000	0.00
-1.50	0.996	-0.03
-1.75	0.982	-0.16
-2.00	0.961	-0.35
-2.25	0.931	-0.62
-2.50	0.893	-0.98
-2.75	0.849	-1.42
-3.00	0.799	-1.95
-3.25	0.745	-2.56
-3.50	0.686	-3.27
-3.75	0.625	-4.08
-4.00	0.562	-5.01
-4.25	0.500	-6.02
-4.50	0.439	-7.15
-4.75	0.383	-8.34
-5.00	0.332	-9.58
-5.25	0.291	-10.72
-5.50	0.261	-11.67
-5.75	0.245	-12.22
-6.00	0.241	-12.36

Angle	Field	dB
-6.25	0.247	-12.15
-6.50	0.259	-11.73
-6.75	0.273	-11.28
-7.00	0.287	-10.84
-7.25	0.298	-10.52
-7.50	0.305	-10.31
-7.75	0.308	-10.23
-8.00	0.305	-10.31
-8.25	0.298	-10.52
-8.50	0.287	-10.84
-8.75	0.271	-11.34
-9.00	0.252	-11.97
-9.25	0.230	-12.77
-9.50	0.206	-13.72
-9.75	0.181	-14.85
-10.00	0.157	-16.08
-10.50	0.117	-18.64
-11.00	0.104	-19.66
-11.50	0.121	-18.34
-12.00	0.147	-16.65
-12.50	0.167	-15.55
-13.00	0.177	-15.04
-13.50	0.173	-15.24
-14.00	0.158	-16.03
-14.50	0.132	-17.59
-15.00	0.102	-19.83
-15.50	0.075	-22.50
-16.00	0.064	-23.88
-16.50	0.076	-22.38
-17.00	0.097	-20.26
-17.50	0.115	-18.79
-18.00	0.126	-17.99
-18.50	0.127	-17.92
-19.00	0.119	-18.49
-19.50	0.104	-19.66
-20.00	0.083	-21.62
-20.50	0.061	-24.29
-21.00	0.048	-26.38
-21.50	0.052	-25.68
-22.00	0.069	-23.22
-22.50	0.086	-21.31
-23.00	0.098	-20.18
-23.50	0.104	-19.66
-24.00	0.102	-19.83
-24.50	0.093	-20.63

Angle	Field	dB
-25.00	0.079	-22.05
-25.50	0.062	-24.15
-26.00	0.045	-26.94
-26.50	0.038	-28.40
-27.00	0.045	-26.94
-27.50	0.060	-24.44
-28.00	0.074	-22.62
-28.50	0.084	-21.51
-29.00	0.089	-21.01
-29.50	0.088	-21.11
-30.00	0.081	-21.83
-30.50	0.069	-23.22
-31.00	0.055	-25.19
-31.50	0.040	-27.96
-32.00	0.032	-29.90
-32.50	0.036	-28.87
-33.00	0.049	-26.20
-33.50	0.062	-24.15
-34.00	0.073	-22.73
-34.50	0.079	-22.05
-35.00	0.081	-21.83
-35.50	0.078	-22.16
-36.00	0.071	-22.97
-36.50	0.060	-24.44
-37.00	0.047	-26.56
-37.50	0.035	-29.12
-38.00	0.028	-31.06
-38.50	0.032	-29.90
-39.00	0.043	-27.33
-39.50	0.055	-25.19
-40.00	0.066	-23.61
-40.50	0.073	-22.73
-41.00	0.077	-22.27
-41.50	0.077	-22.27
-42.00	0.073	-22.73
-42.50	0.065	-23.74
-43.00	0.055	-25.19
-43.50	0.043	-27.33
-44.00	0.031	-30.17
-44.50	0.025	-32.04
-45.00	0.028	-31.06
-45.50	0.038	-28.40
-46.00	0.050	-26.02
-46.50	0.060	-24.44
-47.00	0.069	-23.22

Angle	Field	dB
-47.50	0.074	-22.62
-48.00	0.077	-22.27
-48.50	0.076	-22.38
-49.00	0.072	-22.85
-49.50	0.066	-23.61
-50.00	0.057	-24.88
-50.50	0.046	-26.74
-51.00	0.035	-29.12
-51.50	0.025	-32.04
-52.00	0.021	-33.56
-52.50	0.026	-31.70
-53.00	0.037	-28.64
-53.50	0.048	-26.38
-54.00	0.058	-24.73
-54.50	0.067	-23.48
-55.00	0.074	-22.62
-55.50	0.079	-22.05
-56.00	0.081	-21.83
-56.50	0.081	-21.83
-57.00	0.078	-22.16
-57.50	0.073	-22.73
-58.00	0.066	-23.61
-58.50	0.058	-24.73
-59.00	0.048	-26.38
-59.50	0.037	-28.64
-60.00	0.026	-31.70
-60.50	0.017	-35.39
-61.00	0.014	-37.08
-61.50	0.021	-33.56
-62.00	0.031	-30.17
-62.50	0.042	-27.54
-63.00	0.053	-25.51
-63.50	0.062	-24.15
-64.00	0.071	-22.97
-64.50	0.078	-22.16
-65.00	0.084	-21.51
-65.50	0.088	-21.11
-66.00	0.091	-20.82
-66.50	0.093	-20.63
-67.00	0.093	-20.63
-67.50	0.092	-20.72
-68.00	0.090	-20.92
-68.50	0.086	-21.31
-69.00	0.082	-21.72
-69.50	0.077	-22.27

Angle	Field	dB
-70.00	0.071	-22.97
-70.50	0.065	-23.74
-71.00	0.058	-24.73
-71.50	0.050	-26.02
-72.00	0.043	-27.33
-72.50	0.036	-28.87
-73.00	0.029	-30.75
-73.50	0.022	-33.15
-74.00	0.016	-35.92
-74.50	0.011	-39.17
-75.00	0.010	-40.00
-75.50	0.013	-37.72
-76.00	0.017	-35.39
-76.50	0.021	-33.56
-77.00	0.026	-31.70
-77.50	0.030	-30.46
-78.00	0.033	-29.63
-78.50	0.037	-28.64
-79.00	0.039	-28.18
-79.50	0.041	-27.74
-80.00	0.043	-27.33
-80.50	0.044	-27.13
-81.00	0.044	-27.13
-81.50	0.044	-27.13
-82.00	0.044	-27.13
-82.50	0.043	-27.33
-83.00	0.042	-27.54
-83.50	0.041	-27.74
-84.00	0.039	-28.18
-84.50	0.037	-28.64
-85.00	0.034	-29.37
-85.50	0.032	-29.90
-86.00	0.029	-30.75
-86.50	0.025	-32.04
-87.00	0.022	-33.15
-87.50	0.019	-34.42
-88.00	0.015	-36.48
-88.50	0.011	-39.17
-89.00	0.008	-41.94
-89.50	0.004	-47.96
-90.00	0.000	---

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