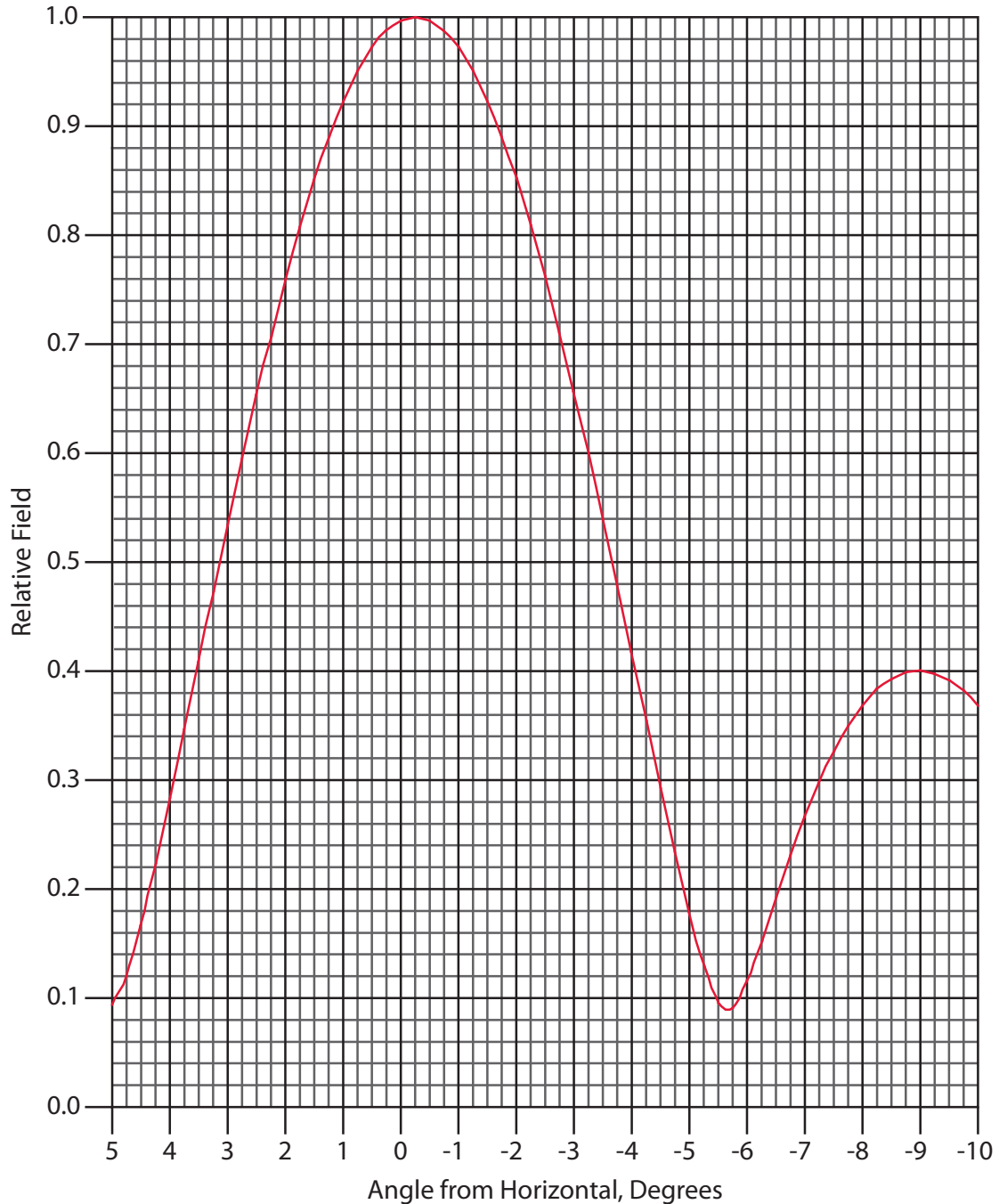


Elevation Pattern

Type:	ALP8L1	
Directivity	Numeric	<i>dBd</i>
Main Lobe:	9.05	(9.57)
Horizontal:	9.00	(9.54)
Beam Tilt	-0.25 °	
Polarization:	Horizontal and Vertical	
Frequency:		
Location:		



Tabulated Data for Elevation Pattern

Type: ALP8L1

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

Angle	Field	dB
5.00	0.094	-20.54
4.75	0.120	-18.42
4.50	0.167	-15.55
4.25	0.223	-13.03
4.00	0.283	-10.96
3.75	0.346	-9.22
3.50	0.409	-7.77
3.25	0.473	-6.50
3.00	0.535	-5.43
2.75	0.595	-4.51
2.50	0.653	-3.70
2.25	0.708	-3.00
2.00	0.760	-2.38
1.75	0.808	-1.85
1.50	0.851	-1.40
1.25	0.890	-1.01
1.00	0.923	-0.70
0.75	0.950	-0.45
0.50	0.972	-0.25
0.25	0.987	-0.11
0.00	0.997	-0.03
-0.25	1.000	0.00
-0.50	0.997	-0.03
-0.75	0.987	-0.11
-1.00	0.972	-0.25
-1.25	0.950	-0.45
-1.50	0.923	-0.70
-1.75	0.890	-1.01
-2.00	0.852	-1.39
-2.25	0.809	-1.84
-2.50	0.762	-2.36
-2.75	0.711	-2.96
-3.00	0.656	-3.66
-3.25	0.599	-4.45
-3.50	0.540	-5.35
-3.75	0.479	-6.39
-4.00	0.417	-7.60
-4.25	0.355	-9.00
-4.50	0.293	-10.66
-4.75	0.234	-12.62
-5.00	0.178	-14.99
-5.25	0.129	-17.79
-5.50	0.095	-20.45
-5.75	0.091	-20.82
-6.00	0.116	-18.71

Angle	Field	dB
-6.25	0.153	-16.31
-6.50	0.193	-14.29
-6.75	0.231	-12.73
-7.00	0.266	-11.50
-7.25	0.298	-10.52
-7.50	0.326	-9.74
-7.75	0.350	-9.12
-8.00	0.369	-8.66
-8.25	0.383	-8.34
-8.50	0.393	-8.11
-8.75	0.399	-7.98
-9.00	0.401	-7.94
-9.25	0.398	-8.00
-9.50	0.392	-8.13
-9.75	0.382	-8.36
-10.00	0.369	-8.66
-10.50	0.335	-9.50
-11.00	0.292	-10.69
-11.50	0.244	-12.25
-12.00	0.193	-14.29
-12.50	0.143	-16.89
-13.00	0.097	-20.26
-13.50	0.056	-25.04
-14.00	0.023	-32.77
-14.50	0.001	-60.00
-15.00	0.016	-35.92
-15.50	0.021	-33.56
-16.00	0.018	-34.89
-16.50	0.014	-37.08
-17.00	0.026	-31.70
-17.50	0.050	-26.02
-18.00	0.079	-22.05
-18.50	0.111	-19.09
-19.00	0.142	-16.95
-19.50	0.171	-15.34
-20.00	0.197	-14.11
-20.50	0.218	-13.23
-21.00	0.233	-12.65
-21.50	0.241	-12.36
-22.00	0.243	-12.29
-22.50	0.237	-12.51
-23.00	0.226	-12.92
-23.50	0.208	-13.64
-24.00	0.187	-14.56
-24.50	0.162	-15.81

Angle	Field	dB
-25.00	0.135	-17.39
-25.50	0.107	-19.41
-26.00	0.081	-21.83
-26.50	0.056	-25.04
-27.00	0.035	-29.12
-27.50	0.018	-34.89
-28.00	0.009	-40.92
-28.50	0.009	-40.92
-29.00	0.010	-40.00
-29.50	0.007	-43.10
-30.00	0.000	---
-30.50	0.011	-39.17
-31.00	0.026	-31.70
-31.50	0.043	-27.33
-32.00	0.062	-24.15
-32.50	0.081	-21.83
-33.00	0.100	-20.00
-33.50	0.117	-18.64
-34.00	0.132	-17.59
-34.50	0.145	-16.77
-35.00	0.153	-16.31
-35.50	0.158	-16.03
-36.00	0.159	-15.97
-36.50	0.156	-16.14
-37.00	0.149	-16.54
-37.50	0.138	-17.20
-38.00	0.124	-18.13
-38.50	0.107	-19.41
-39.00	0.088	-21.11
-39.50	0.069	-23.22
-40.00	0.049	-26.20
-40.50	0.031	-30.17
-41.00	0.021	-33.56
-41.50	0.026	-31.70
-42.00	0.039	-28.18
-42.50	0.052	-25.68
-43.00	0.063	-24.01
-43.50	0.071	-22.97
-44.00	0.076	-22.38
-44.50	0.078	-22.16
-45.00	0.076	-22.38
-45.50	0.072	-22.85
-46.00	0.065	-23.74
-46.50	0.056	-25.04
-47.00	0.044	-27.13

Angle	Field	dB
-47.50	0.031	-30.17
-48.00	0.017	-35.39
-48.50	0.003	-50.46
-49.00	0.012	-38.42
-49.50	0.027	-31.37
-50.00	0.040	-27.96
-50.50	0.053	-25.51
-51.00	0.064	-23.88
-51.50	0.073	-22.73
-52.00	0.079	-22.05
-52.50	0.084	-21.51
-53.00	0.086	-21.31
-53.50	0.086	-21.31
-54.00	0.083	-21.62
-54.50	0.078	-22.16
-55.00	0.070	-23.10
-55.50	0.061	-24.29
-56.00	0.050	-26.02
-56.50	0.039	-28.18
-57.00	0.029	-30.75
-57.50	0.025	-32.04
-58.00	0.033	-29.63
-58.50	0.047	-26.56
-59.00	0.064	-23.88
-59.50	0.082	-21.72
-60.00	0.100	-20.00
-60.50	0.118	-18.56
-61.00	0.136	-17.33
-61.50	0.154	-16.25
-62.00	0.170	-15.39
-62.50	0.185	-14.66
-63.00	0.200	-13.98
-63.50	0.213	-13.43
-64.00	0.224	-13.00
-64.50	0.234	-12.62
-65.00	0.243	-12.29
-65.50	0.250	-12.04
-66.00	0.255	-11.87
-66.50	0.259	-11.73
-67.00	0.262	-11.63
-67.50	0.263	-11.60
-68.00	0.263	-11.60
-68.50	0.262	-11.63
-69.00	0.260	-11.70
-69.50	0.256	-11.84

Angle	Field	dB
-70.00	0.252	-11.97
-70.50	0.247	-12.15
-71.00	0.241	-12.36
-71.50	0.234	-12.62
-72.00	0.227	-12.88
-72.50	0.219	-13.19
-73.00	0.211	-13.51
-73.50	0.203	-13.85
-74.00	0.194	-14.24
-74.50	0.185	-14.66
-75.00	0.176	-15.09
-75.50	0.167	-15.55
-76.00	0.159	-15.97
-76.50	0.150	-16.48
-77.00	0.141	-17.02
-77.50	0.133	-17.52
-78.00	0.124	-18.13
-78.50	0.116	-18.71
-79.00	0.109	-19.25
-79.50	0.101	-19.91
-80.00	0.094	-20.54
-80.50	0.087	-21.21
-81.00	0.080	-21.94
-81.50	0.074	-22.62
-82.00	0.068	-23.35
-82.50	0.062	-24.15
-83.00	0.056	-25.04
-83.50	0.051	-25.85
-84.00	0.046	-26.74
-84.50	0.041	-27.74
-85.00	0.037	-28.64
-85.50	0.033	-29.63
-86.00	0.028	-31.06
-86.50	0.024	-32.40
-87.00	0.021	-33.56
-87.50	0.017	-35.39
-88.00	0.014	-37.08
-88.50	0.010	-40.00
-89.00	0.007	-43.10
-89.50	0.003	-50.46
-90.00	0.000	---

