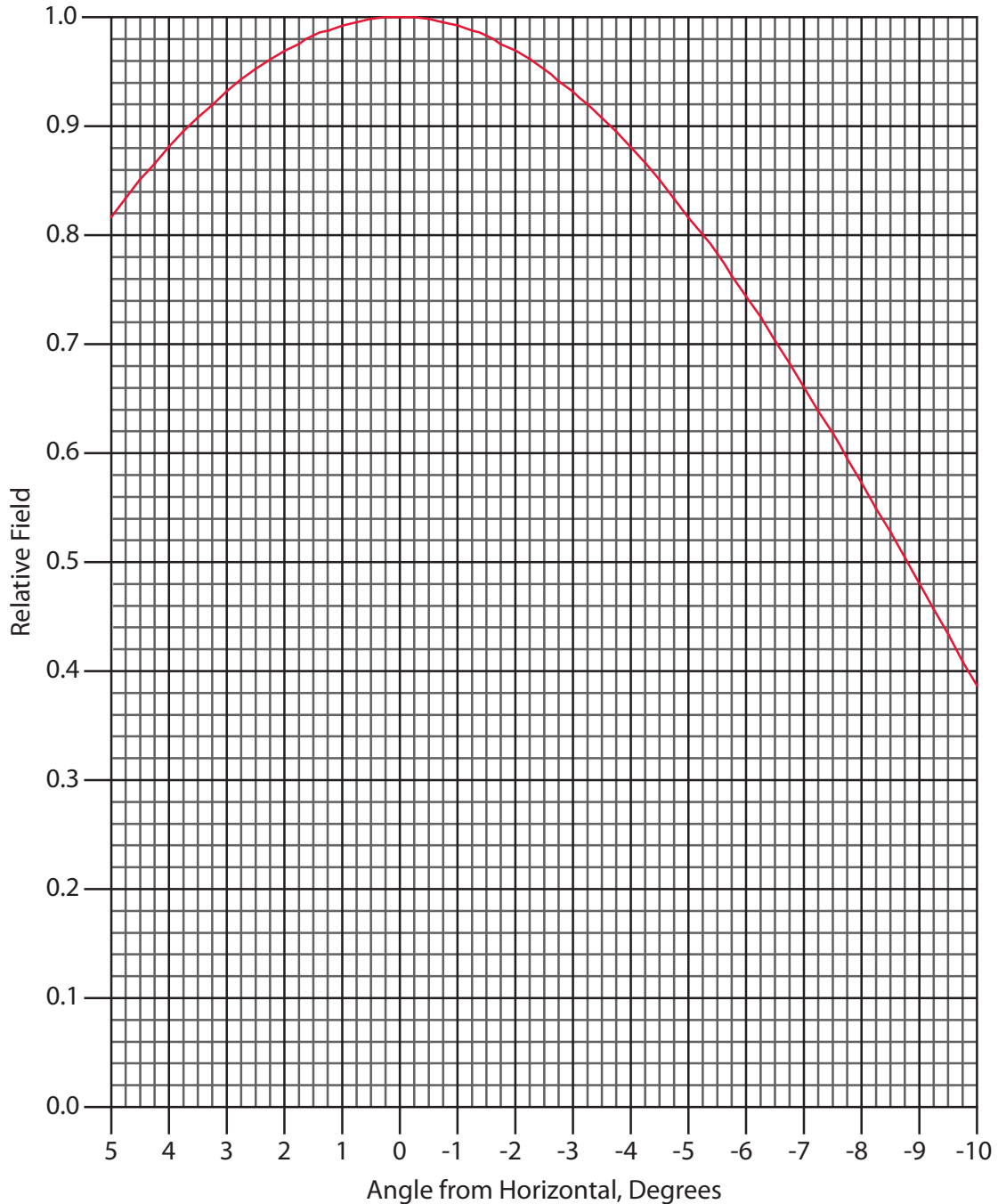


Elevation Pattern

Type:	ALP4L1	
Directivity	Numeric	<i>dBd</i>
Main Lobe:	4.58	(6.61)
Horizontal:	4.58	(6.61)
Beam Tilt	0.00 °	
Polarization:	Horizontal	
Frequency:		
Location:		



Tabulated Data for Elevation Pattern

Type: ALP4L1

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

Angle	Field	dB
5.00	0.817	-1.76
4.75	0.834	-1.58
4.50	0.851	-1.40
4.25	0.866	-1.25
4.00	0.881	-1.10
3.75	0.895	-0.96
3.50	0.908	-0.84
3.25	0.920	-0.72
3.00	0.932	-0.61
2.75	0.943	-0.51
2.50	0.952	-0.43
2.25	0.961	-0.35
2.00	0.969	-0.27
1.75	0.976	-0.21
1.50	0.983	-0.15
1.25	0.988	-0.10
1.00	0.992	-0.07
0.75	0.996	-0.03
0.50	0.998	-0.02
0.25	1.000	0.00
0.00	1.000	0.00
-0.25	1.000	0.00
-0.50	0.998	-0.02
-0.75	0.996	-0.03
-1.00	0.992	-0.07
-1.25	0.988	-0.10
-1.50	0.983	-0.15
-1.75	0.976	-0.21
-2.00	0.969	-0.27
-2.25	0.961	-0.35
-2.50	0.952	-0.43
-2.75	0.942	-0.52
-3.00	0.932	-0.61
-3.25	0.920	-0.72
-3.50	0.908	-0.84
-3.75	0.895	-0.96
-4.00	0.881	-1.10
-4.25	0.866	-1.25
-4.50	0.850	-1.41
-4.75	0.834	-1.58
-5.00	0.817	-1.76
-5.25	0.800	-1.94
-5.50	0.782	-2.14
-5.75	0.763	-2.35
-6.00	0.744	-2.57

Angle	Field	dB
-6.25	0.724	-2.81
-6.50	0.703	-3.06
-6.75	0.683	-3.31
-7.00	0.661	-3.60
-7.25	0.640	-3.88
-7.50	0.618	-4.18
-7.75	0.595	-4.51
-8.00	0.573	-4.84
-8.25	0.550	-5.19
-8.50	0.527	-5.56
-8.75	0.504	-5.95
-9.00	0.480	-6.38
-9.25	0.457	-6.80
-9.50	0.433	-7.27
-9.75	0.409	-7.77
-10.00	0.386	-8.27
-10.50	0.339	-9.40
-11.00	0.292	-10.69
-11.50	0.246	-12.18
-12.00	0.201	-13.94
-12.50	0.157	-16.08
-13.00	0.115	-18.79
-13.50	0.074	-22.62
-14.00	0.035	-29.12
-14.50	0.002	-53.98
-15.00	0.036	-28.87
-15.50	0.068	-23.35
-16.00	0.098	-20.18
-16.50	0.125	-18.06
-17.00	0.150	-16.48
-17.50	0.171	-15.34
-18.00	0.190	-14.42
-18.50	0.206	-13.72
-19.00	0.220	-13.15
-19.50	0.230	-12.77
-20.00	0.238	-12.47
-20.50	0.243	-12.29
-21.00	0.245	-12.22
-21.50	0.245	-12.22
-22.00	0.243	-12.29
-22.50	0.238	-12.47
-23.00	0.231	-12.73
-23.50	0.222	-13.07
-24.00	0.211	-13.51
-24.50	0.199	-14.02

Angle	Field	dB
-25.00	0.185	-14.66
-25.50	0.170	-15.39
-26.00	0.153	-16.31
-26.50	0.135	-17.39
-27.00	0.117	-18.64
-27.50	0.098	-20.18
-28.00	0.079	-22.05
-28.50	0.059	-24.58
-29.00	0.039	-28.18
-29.50	0.020	-33.98
-30.00	0.000	---
-30.50	0.019	-34.42
-31.00	0.038	-28.40
-31.50	0.056	-25.04
-32.00	0.073	-22.73
-32.50	0.090	-20.92
-33.00	0.105	-19.58
-33.50	0.119	-18.49
-34.00	0.133	-17.52
-34.50	0.145	-16.77
-35.00	0.155	-16.19
-35.50	0.165	-15.65
-36.00	0.173	-15.24
-36.50	0.180	-14.89
-37.00	0.185	-14.66
-37.50	0.189	-14.47
-38.00	0.191	-14.38
-38.50	0.193	-14.29
-39.00	0.192	-14.33
-39.50	0.191	-14.38
-40.00	0.188	-14.52
-40.50	0.184	-14.70
-41.00	0.179	-14.94
-41.50	0.172	-15.29
-42.00	0.165	-15.65
-42.50	0.156	-16.14
-43.00	0.147	-16.65
-43.50	0.137	-17.27
-44.00	0.125	-18.06
-44.50	0.114	-18.86
-45.00	0.101	-19.91
-45.50	0.088	-21.11
-46.00	0.075	-22.50
-46.50	0.061	-24.29
-47.00	0.047	-26.56

Angle	Field	dB
-47.50	0.032	-29.90
-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	0.042	-27.54
-50.50	0.056	-25.04
-51.00	0.071	-22.97
-51.50	0.085	-21.41
-52.00	0.099	-20.09
-52.50	0.112	-19.02
-53.00	0.125	-18.06
-53.50	0.138	-17.20
-54.00	0.150	-16.48
-54.50	0.162	-15.81
-55.00	0.173	-15.24
-55.50	0.184	-14.70
-56.00	0.194	-14.24
-56.50	0.204	-13.81
-57.00	0.213	-13.43
-57.50	0.221	-13.11
-58.00	0.229	-12.80
-58.50	0.236	-12.54
-59.00	0.243	-12.29
-59.50	0.249	-12.08
-60.00	0.254	-11.90
-60.50	0.259	-11.73
-61.00	0.263	-11.60
-61.50	0.266	-11.50
-62.00	0.269	-11.40
-62.50	0.272	-11.31
-63.00	0.274	-11.24
-63.50	0.275	-11.21
-64.00	0.276	-11.18
-64.50	0.276	-11.18
-65.00	0.276	-11.18
-65.50	0.276	-11.18
-66.00	0.274	-11.24
-66.50	0.273	-11.28
-67.00	0.271	-11.34
-67.50	0.269	-11.40
-68.00	0.266	-11.50
-68.50	0.263	-11.60
-69.00	0.260	-11.70
-69.50	0.256	-11.84

Angle	Field	dB
-70.00	0.252	-11.97
-70.50	0.248	-12.11
-71.00	0.244	-12.25
-71.50	0.239	-12.43
-72.00	0.234	-12.62
-72.50	0.229	-12.80
-73.00	0.224	-13.00
-73.50	0.218	-13.23
-74.00	0.213	-13.43
-74.50	0.207	-13.68
-75.00	0.201	-13.94
-75.50	0.195	-14.20
-76.00	0.189	-14.47
-76.50	0.182	-14.80
-77.00	0.176	-15.09
-77.50	0.170	-15.39
-78.00	0.163	-15.76
-78.50	0.157	-16.08
-79.00	0.150	-16.48
-79.50	0.143	-16.89
-80.00	0.137	-17.27
-80.50	0.130	-17.72
-81.00	0.123	-18.20
-81.50	0.116	-18.71
-82.00	0.110	-19.17
-82.50	0.103	-19.74
-83.00	0.096	-20.35
-83.50	0.089	-21.01
-84.00	0.082	-21.72
-84.50	0.075	-22.50
-85.00	0.069	-23.22
-85.50	0.062	-24.15
-86.00	0.055	-25.19
-86.50	0.048	-26.38
-87.00	0.041	-27.74
-87.50	0.034	-29.37
-88.00	0.027	-31.37
-88.50	0.021	-33.56
-89.00	0.014	-37.08
-89.50	0.007	-43.10
-90.00	0.000	---

