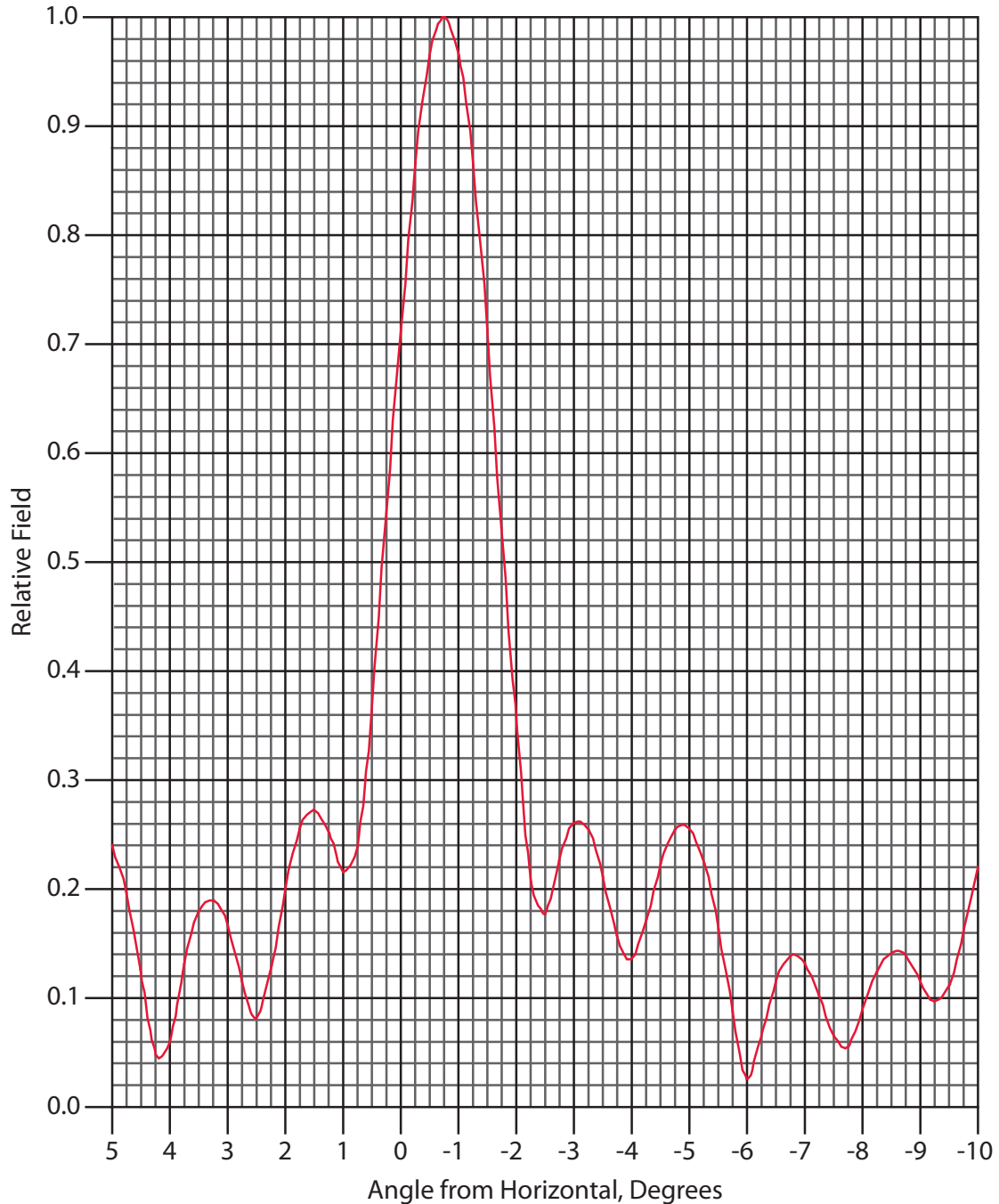


Elevation Pattern

Type:	ALP24L3	
Directivity	Numeric	<i>dBd</i>
Main Lobe:	25.21	(14.02)
Horizontal:	12.92	(11.11)
Beam Tilt	-0.75 °	
Polarization:	Horizontal and Vertical	
Frequency:		
Location:		



Tabulated Data for Elevation Pattern

Type: ALP24L3

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

Angle	Field	dB
5.00	0.241	-12.36
4.75	0.197	-14.11
4.50	0.127	-17.92
4.25	0.047	-26.56
4.00	0.060	-24.44
3.75	0.131	-17.65
3.50	0.178	-14.99
3.25	0.190	-14.42
3.00	0.166	-15.60
2.75	0.116	-18.71
2.50	0.082	-21.72
2.25	0.129	-17.79
2.00	0.202	-13.89
1.75	0.256	-11.84
1.50	0.273	-11.28
1.25	0.251	-12.01
1.00	0.215	-13.35
0.75	0.239	-12.43
0.50	0.364	-8.78
0.25	0.539	-5.37
0.00	0.716	-2.90
-0.25	0.866	-1.25
-0.50	0.965	-0.31
-0.75	1.000	0.00
-1.00	0.965	-0.31
-1.25	0.865	-1.26
-1.50	0.714	-2.93
-1.75	0.532	-5.48
-2.00	0.348	-9.17
-2.25	0.207	-13.68
-2.50	0.177	-15.04
-2.75	0.226	-12.92
-3.00	0.260	-11.70
-3.25	0.254	-11.90
-3.50	0.211	-13.51
-3.75	0.157	-16.08
-4.00	0.135	-17.39
-4.25	0.172	-15.29
-4.50	0.223	-13.03
-4.75	0.255	-11.87
-5.00	0.256	-11.84
-5.25	0.223	-13.03
-5.50	0.163	-15.76
-5.75	0.088	-21.11
-6.00	0.026	-31.70

Angle	Field	dB
-6.25	0.070	-23.10
-6.50	0.117	-18.64
-6.75	0.139	-17.14
-7.00	0.133	-17.52
-7.25	0.104	-19.66
-7.50	0.065	-23.74
-7.75	0.055	-25.19
-8.00	0.089	-21.01
-8.25	0.124	-18.13
-8.50	0.142	-16.95
-8.75	0.138	-17.20
-9.00	0.116	-18.71
-9.25	0.097	-20.26
-9.50	0.113	-18.94
-9.75	0.163	-15.76
-10.00	0.221	-13.11
-10.50	0.300	-10.46
-11.00	0.292	-10.69
-11.50	0.212	-13.47
-12.00	0.107	-19.41
-12.50	0.034	-29.37
-13.00	0.027	-31.37
-13.50	0.020	-33.98
-14.00	0.006	-44.44
-14.50	0.000	---
-15.00	0.011	-39.17
-15.50	0.020	-33.98
-16.00	0.015	-36.48
-16.50	0.007	-43.10
-17.00	0.028	-31.06
-17.50	0.033	-29.63
-18.00	0.018	-34.89
-18.50	0.036	-28.87
-19.00	0.060	-24.44
-19.50	0.056	-25.04
-20.00	0.061	-24.29
-20.50	0.134	-17.46
-21.00	0.210	-13.56
-21.50	0.246	-12.18
-22.00	0.223	-13.03
-22.50	0.152	-16.36
-23.00	0.070	-23.10
-23.50	0.043	-27.33
-24.00	0.059	-24.58
-24.50	0.048	-26.38

Angle	Field	dB
-25.00	0.028	-31.06
-25.50	0.039	-28.18
-26.00	0.048	-26.38
-26.50	0.037	-28.64
-27.00	0.015	-36.48
-27.50	0.007	-43.10
-28.00	0.015	-36.48
-28.50	0.012	-38.42
-29.00	0.004	-47.96
-29.50	0.003	-50.46
-30.00	0.000	---
-30.50	0.005	-46.02
-31.00	0.008	-41.94
-31.50	0.020	-33.98
-32.00	0.048	-26.38
-32.50	0.081	-21.83
-33.00	0.106	-19.49
-33.50	0.109	-19.25
-34.00	0.088	-21.11
-34.50	0.052	-25.68
-35.00	0.028	-31.06
-35.50	0.042	-27.54
-36.00	0.048	-26.38
-36.50	0.036	-28.87
-37.00	0.029	-30.75
-37.50	0.046	-26.74
-38.00	0.060	-24.44
-38.50	0.055	-25.19
-39.00	0.032	-29.90
-39.50	0.007	-43.10
-40.00	0.026	-31.70
-40.50	0.038	-28.40
-41.00	0.032	-29.90
-41.50	0.017	-35.39
-42.00	0.021	-33.56
-42.50	0.037	-28.64
-43.00	0.041	-27.74
-43.50	0.033	-29.63
-44.00	0.028	-31.06
-44.50	0.045	-26.94
-45.00	0.066	-23.61
-45.50	0.077	-22.27
-46.00	0.074	-22.62
-46.50	0.060	-24.44
-47.00	0.040	-27.96

Angle	Field	dB
-47.50	0.020	-33.98
-48.00	0.007	-43.10
-48.50	0.001	-60.00
-49.00	0.003	-50.46
-49.50	0.007	-43.10
-50.00	0.011	-39.17
-50.50	0.012	-38.42
-51.00	0.011	-39.17
-51.50	0.017	-35.39
-52.00	0.027	-31.37
-52.50	0.035	-29.12
-53.00	0.037	-28.64
-53.50	0.031	-30.17
-54.00	0.017	-35.39
-54.50	0.006	-44.44
-55.00	0.022	-33.15
-55.50	0.035	-29.12
-56.00	0.040	-27.96
-56.50	0.036	-28.87
-57.00	0.024	-32.40
-57.50	0.020	-33.98
-58.00	0.036	-28.87
-58.50	0.055	-25.19
-59.00	0.066	-23.61
-59.50	0.067	-23.48
-60.00	0.059	-24.58
-60.50	0.055	-25.19
-61.00	0.074	-22.62
-61.50	0.114	-18.86
-62.00	0.161	-15.86
-62.50	0.207	-13.68
-63.00	0.243	-12.29
-63.50	0.268	-11.44
-64.00	0.277	-11.15
-64.50	0.272	-11.31
-65.00	0.252	-11.97
-65.50	0.221	-13.11
-66.00	0.183	-14.75
-66.50	0.141	-17.02
-67.00	0.100	-20.00
-67.50	0.066	-23.61
-68.00	0.049	-26.20
-68.50	0.051	-25.85
-69.00	0.061	-24.29
-69.50	0.069	-23.22

Angle	Field	dB
-70.00	0.071	-22.97
-70.50	0.068	-23.35
-71.00	0.061	-24.29
-71.50	0.051	-25.85
-72.00	0.042	-27.54
-72.50	0.035	-29.12
-73.00	0.035	-29.12
-73.50	0.040	-27.96
-74.00	0.046	-26.74
-74.50	0.052	-25.68
-75.00	0.057	-24.88
-75.50	0.059	-24.58
-76.00	0.059	-24.58
-76.50	0.057	-24.88
-77.00	0.054	-25.35
-77.50	0.049	-26.20
-78.00	0.044	-27.13
-78.50	0.038	-28.40
-79.00	0.032	-29.90
-79.50	0.026	-31.70
-80.00	0.020	-33.98
-80.50	0.014	-37.08
-81.00	0.010	-40.00
-81.50	0.006	-44.44
-82.00	0.004	-47.96
-82.50	0.004	-47.96
-83.00	0.005	-46.02
-83.50	0.007	-43.10
-84.00	0.008	-41.94
-84.50	0.008	-41.94
-85.00	0.008	-41.94
-85.50	0.008	-41.94
-86.00	0.008	-41.94
-86.50	0.007	-43.10
-87.00	0.007	-43.10
-87.50	0.006	-44.44
-88.00	0.005	-46.02
-88.50	0.004	-47.96
-89.00	0.002	-53.98
-89.50	0.001	-60.00
-90.00	0.000	---

