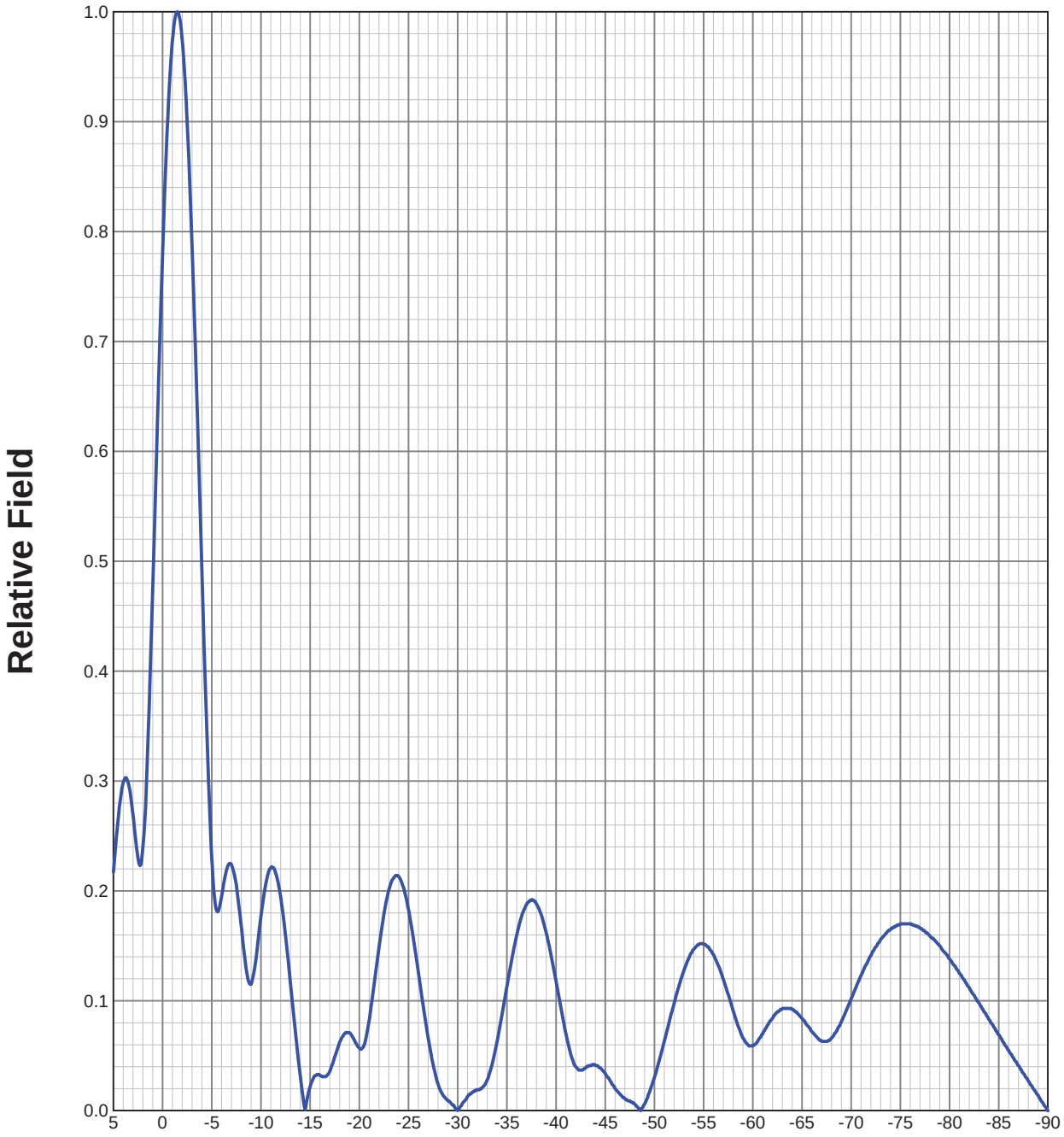
ELEVATION PATTERN

Type:	ALP12L6		Channel:	50
Directivity:	Numeric	dBd	Location:	
Main Lobe:	12.64	11.02	Beam Tilt:	-1.50
Horizontal:	7.71	8.87	Polarization:	Horizontal



Preliminary, subject to final design and review.

TABULATED DATA FOR ELEVATION PATTERN

Type: ALP12L6
PolarizationHorizontal

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
5.00	0.217	-13.27	-6.75	0.225	-12.98	-27.00	0.066	-23.61	-50.50	0.046	-26.74	-74.00	0.165	-15.65
4.75	0.243	-12.29	-7.00	0.224	-13.00	-27.50	0.042	-27.54	-51.00	0.063	-24.01	-74.50	0.168	-15.49
4.50	0.267	-11.47	-7.25	0.217	-13.27	-28.00	0.024	-32.40	-51.50	0.081	-21.83	-75.00	0.170	-15.39
4.25	0.286	-10.87	-7.50	0.205	-13.76	-28.50	0.014	-37.08	-52.00	0.098	-20.18	-75.50	0.170	-15.39
4.00	0.299	-10.49	-7.75	0.188	-14.54	-29.00	0.009	-40.92	-52.50	0.114	-18.86	-76.00	0.170	-15.39
3.75	0.303	-10.37	-8.00	0.168	-15.49	-29.50	0.005	-46.02	-53.00	0.128	-17.86	-76.50	0.168	-15.49
3.50	0.299	-10.49	-8.25	0.147	-16.65	-30.00	0.000	-40.00	-53.50	0.139	-17.14	-77.00	0.166	-15.60
3.25	0.287	-10.84	-8.50	0.129	-17.79	-30.50	0.007	-43.10	-54.00	0.147	-16.65	-77.50	0.163	-15.76
3.00	0.269	-11.40	-8.75	0.117	-18.60	-31.00	0.013	-37.72	-54.50	0.151	-16.42	-78.00	0.159	-15.97
2.75	0.247	-12.13	-9.00	0.115	-18.79	-31.50	0.017	-35.39	-55.00	0.152	-16.36	-78.50	0.155	-16.19
2.50	0.230	-12.77	-9.25	0.123	-18.17	-32.00	0.019	-34.42	-55.50	0.149	-16.54	-79.00	0.150	-16.48
2.25	0.224	-13.01	-9.50	0.139	-17.14	-32.50	0.021	-33.56	-56.00	0.142	-16.95	-79.50	0.144	-16.83
2.00	0.238	-12.47	-9.75	0.158	-16.03	-33.00	0.028	-31.06	-56.50	0.132	-17.59	-80.00	0.138	-17.20
1.75	0.274	-11.23	-10.00	0.177	-15.04	-33.50	0.042	-27.54	-57.00	0.120	-18.42	-80.50	0.132	-17.59
1.50	0.330	-9.63	-10.50	0.207	-13.68	-34.00	0.063	-24.01	-57.50	0.106	-19.49	-81.00	0.125	-18.06
1.25	0.399	-7.97	-11.00	0.221	-13.11	-34.50	0.087	-21.21	-58.00	0.091	-20.82	-81.50	0.119	-18.49
1.00	0.475	-6.47	-11.50	0.216	-13.31	-35.00	0.113	-18.94	-58.50	0.077	-22.27	-82.00	0.112	-19.02
0.75	0.555	-5.11	-12.00	0.195	-14.20	-35.50	0.138	-17.20	-59.00	0.066	-23.61	-82.50	0.105	-19.58
0.50	0.634	-3.96	-12.50	0.159	-15.97	-36.00	0.160	-15.92	-59.50	0.060	-24.44	-83.00	0.098	-20.18
0.25	0.710	-2.97	-13.00	0.116	-18.71	-36.50	0.177	-15.04	-60.00	0.059	-24.58	-83.50	0.090	-20.92
0.00	0.781	-2.15	-13.50	0.072	-22.85	-37.00	0.188	-14.52	-60.50	0.063	-24.01	-84.00	0.083	-21.62
-0.25	0.844	-1.47	-14.00	0.031	-30.17	-37.50	0.192	-14.33	-61.00	0.070	-23.10	-84.50	0.076	-22.38
-0.50	0.898	-0.93	-14.50	0.001	-60.00	-38.00	0.188	-14.52	-61.50	0.078	-22.16	-85.00	0.069	-23.22
-0.75	0.942	-0.52	-15.00	0.022	-33.15	-38.50	0.178	-14.99	-62.00	0.084	-21.51	-85.50	0.062	-24.15
-1.00	0.974	-0.23	-15.50	0.032	-29.90	-39.00	0.162	-15.81	-62.50	0.090	-20.92	-86.00	0.055	-25.19
-1.25	0.994	-0.06	-16.00	0.032	-29.90	-39.50	0.141	-17.02	-63.00	0.093	-20.63	-86.50	0.048	-26.38
-1.50	1.000	0.00	-16.50	0.031	-30.17	-40.00	0.118	-18.56	-63.50	0.093	-20.63	-87.00	0.041	-27.74
-1.75	0.994	-0.06	-17.00	0.036	-28.87	-40.50	0.093	-20.63	-64.00	0.092	-20.72	-87.50	0.034	-29.37
-2.00	0.974	-0.23	-17.50	0.049	-26.20	-41.00	0.070	-23.10	-64.50	0.089	-21.01	-88.00	0.027	-31.37
-2.25	0.943	-0.51	-18.00	0.062	-24.15	-41.50	0.051	-25.85	-65.00	0.084	-21.51	-88.50	0.020	-33.98
-2.50	0.900	-0.92	-18.50	0.070	-23.10	-42.00	0.040	-27.96	-65.50	0.078	-22.16	-89.00	0.014	-37.08
-2.75	0.847	-1.44	-19.00	0.071	-22.97	-42.50	0.037	-28.64	-66.00	0.072	-22.85	-89.50	0.007	-43.10
-3.00	0.786	-2.09	-19.50	0.064	-23.88	-43.00	0.039	-28.18	-66.50	0.067	-23.48	-90.00	0.000	-40.00
-3.25	0.718	-2.88	-20.00	0.057	-24.88	-43.50	0.041	-27.74	-67.00	0.063	-24.01			
-3.50	0.644	-3.82	-20.50	0.060	-24.44	-44.00	0.041	-27.74	-67.50	0.063	-24.01			
-3.75	0.568	-4.92	-21.00	0.082	-21.72	-44.50	0.039	-28.18	-68.00	0.066	-23.61			
-4.00	0.490	-6.20	-21.50	0.115	-18.79	-45.00	0.034	-29.37	-68.50	0.072	-22.85			
-4.25	0.414	-7.65	-22.00	0.149	-16.54	-45.50	0.027	-31.37	-69.00	0.081	-21.83			
-4.50	0.343	-9.29	-22.50	0.179	-14.94	-46.00	0.020	-33.98	-69.50	0.091	-20.82			
-4.75	0.280	-11.04	-23.00	0.201	-13.94	-46.50	0.015	-36.48	-70.00	0.102	-19.83			
-5.00	0.230	-12.77	-23.50	0.212	-13.47	-47.00	0.011	-39.17	-70.50	0.113	-18.94			
-5.25	0.197	-14.13	-24.00	0.213	-13.43	-47.50	0.009	-40.92	-71.00	0.123	-18.20			
-5.50	0.182	-14.80	-24.50	0.203	-13.85	-48.00	0.006	-44.44	-71.50	0.133	-17.52			
-5.75	0.184	-14.70	-25.00	0.183	-14.75	-48.50	0.001	-60.00	-72.00	0.141	-17.02			
-6.00	0.195	-14.20	-25.50	0.156	-16.14	-49.00	0.006	-44.44	-72.50	0.149	-16.54			
-6.25	0.208	-13.62	-26.00	0.126	-17.99	-49.50	0.017	-35.39	-73.00	0.156	-16.14			
-6.50	0.219	-13.19	-26.50	0.095	-20.45	-50.00	0.030	-30.46	-73.50	0.161	-15.86			

Preliminary, subject to final design and review.