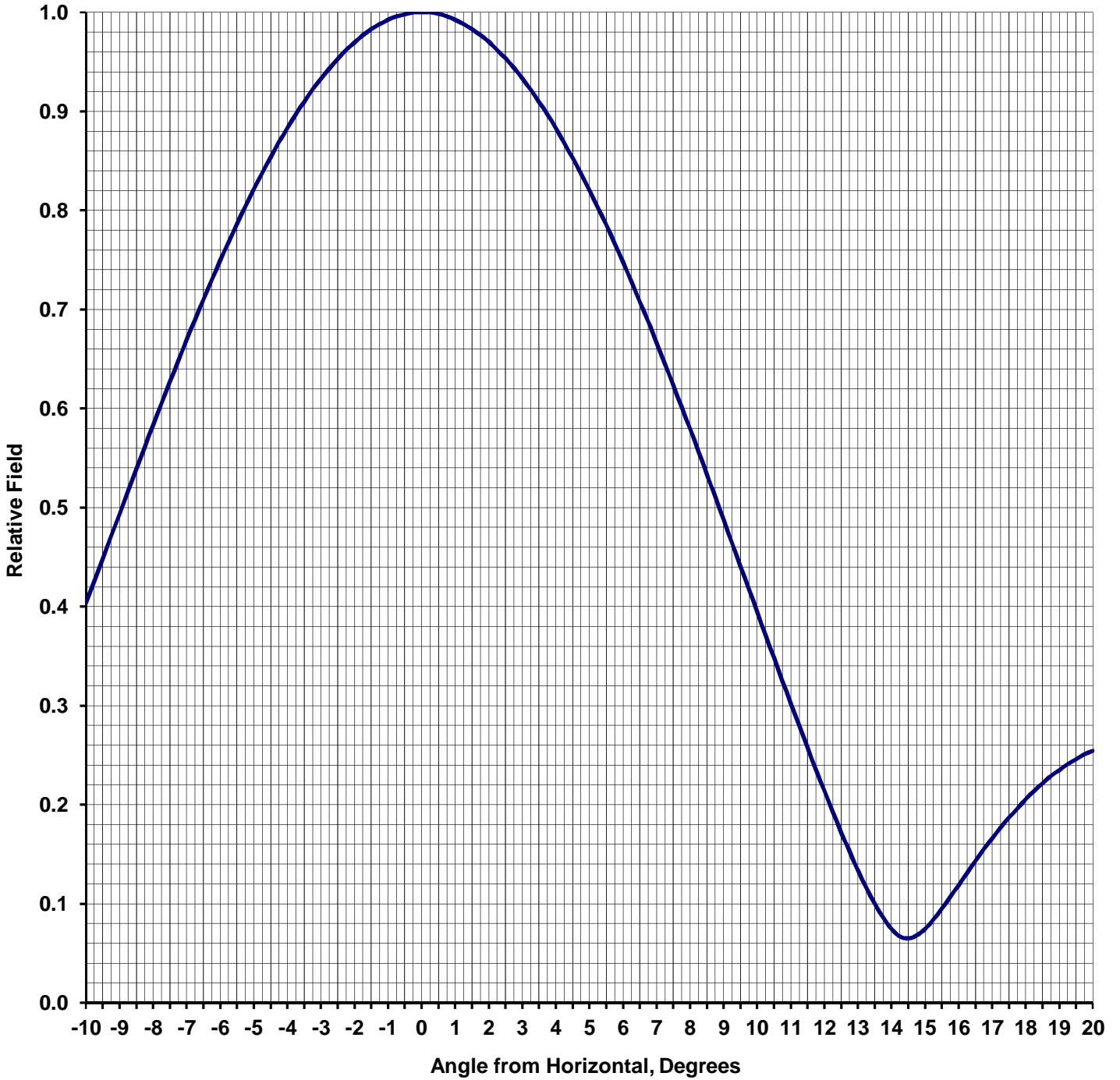


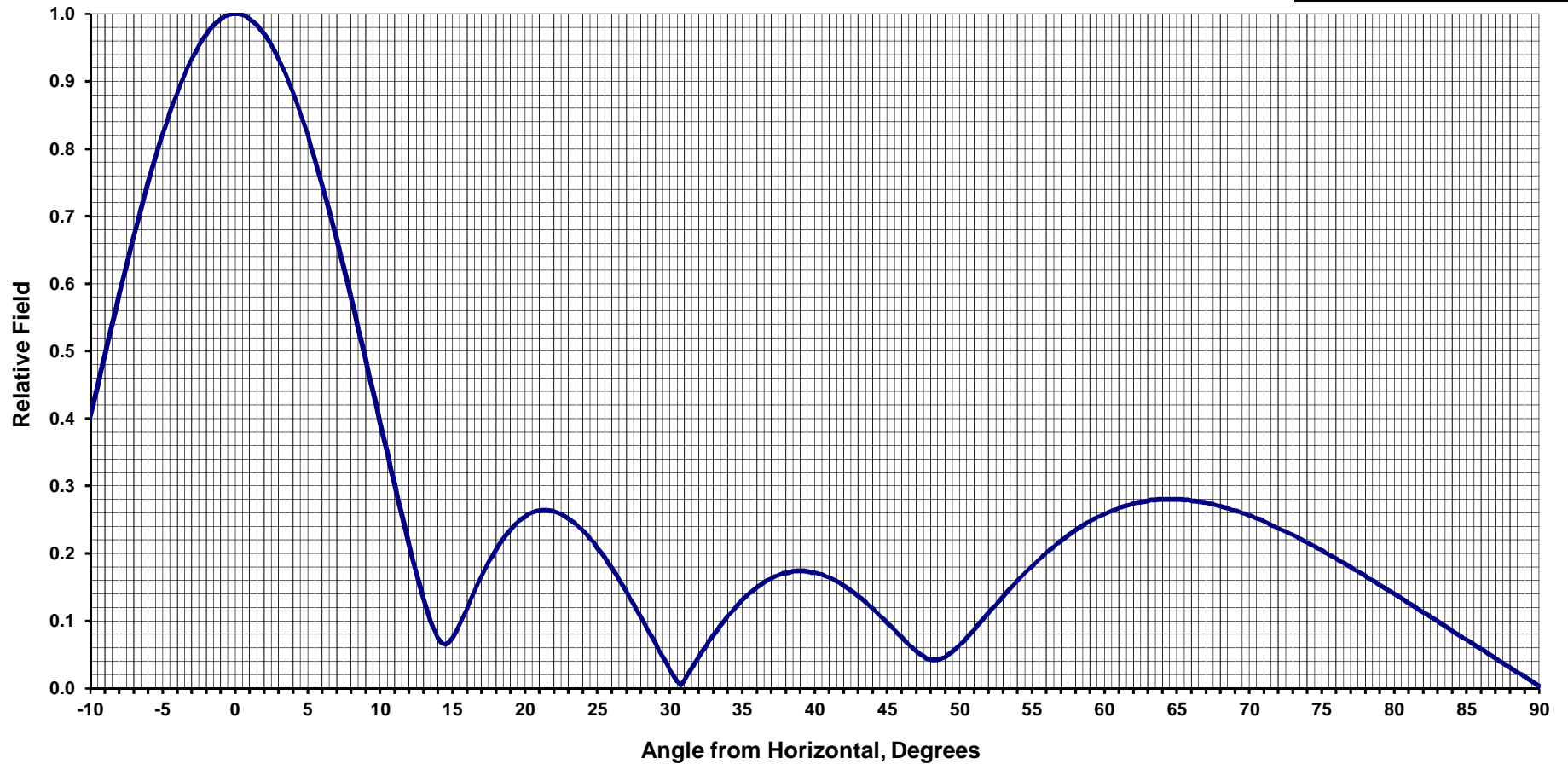
ELEVATION PATTERN

TYPE:	ALP4L1	
Directivity:	Numeric	dBd
Main Lobe:	4.58	(6.61)
Horizontal:	4.58	(6.61)
Beam Tilt:	0.00 degrees	
Polarization:	Horizontal/Vertical	
Channel:		
Location:		



ELEVATION PATTERN

TYPE:	ALP4L1	
Directivity:	Numeric	dBd
Main Lobe:	4.58	6.61
Horizontal:	4.58	6.61
Beam Tilt:	0.00 degrees	
Polarization:	Horizontal/Vertical	
Frequency:		
Location:		



TABULATED DATA FOR ELEVATION PATTERN

TYPE: ALP4L1

-10 to 10 degrees in 0.25 increments

10 to 90 degrees in 0.50 increments

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
-10.00	0.404	-7.88	2.25	0.962	-0.34	18.50	0.222	-13.09	43.00	0.137	-17.27	67.50	0.273	-11.29
-9.75	0.426	-7.41	2.50	0.954	-0.41	19.00	0.235	-12.58	43.50	0.128	-17.86	68.00	0.270	-11.37
-9.50	0.449	-6.96	2.75	0.944	-0.50	19.50	0.246	-12.18	44.00	0.118	-18.56	68.50	0.267	-11.47
-9.25	0.471	-6.54	3.00	0.933	-0.60	20.00	0.255	-11.89	44.50	0.108	-19.33	69.00	0.264	-11.58
-9.00	0.494	-6.13	3.25	0.922	-0.71	20.50	0.261	-11.68	45.00	0.098	-20.22	69.50	0.260	-11.70
-8.75	0.516	-5.75	3.50	0.910	-0.82	21.00	0.263	-11.60	45.50	0.087	-21.26	70.00	0.256	-11.84
-8.50	0.539	-5.38	3.75	0.897	-0.94	21.50	0.264	-11.57	46.00	0.076	-22.38	70.50	0.252	-11.99
-8.25	0.561	-5.02	4.00	0.883	-1.08	22.00	0.263	-11.62	46.50	0.065	-23.74	71.00	0.248	-12.13
-8.00	0.584	-4.68	4.25	0.868	-1.23	22.50	0.259	-11.75	47.00	0.055	-25.19	71.50	0.243	-12.31
-7.75	0.605	-4.36	4.50	0.853	-1.38	23.00	0.252	-11.97	47.50	0.048	-26.47	72.00	0.238	-12.49
-7.50	0.627	-4.05	4.75	0.837	-1.55	23.50	0.244	-12.25	48.00	0.043	-27.43	72.50	0.233	-12.67
-7.25	0.648	-3.77	5.00	0.821	-1.72	24.00	0.234	-12.62	48.50	0.042	-27.54	73.00	0.228	-12.86
-7.00	0.670	-3.48	5.25	0.803	-1.91	24.50	0.222	-13.07	49.00	0.047	-26.65	73.50	0.222	-13.09
-6.75	0.690	-3.22	5.50	0.786	-2.10	25.00	0.209	-13.62	49.50	0.054	-25.35	74.00	0.217	-13.29
-6.50	0.710	-2.97	5.75	0.767	-2.30	25.50	0.195	-14.22	50.00	0.064	-23.88	74.50	0.211	-13.53
-6.25	0.730	-2.73	6.00	0.748	-2.52	26.00	0.179	-14.97	50.50	0.075	-22.50	75.00	0.205	-13.79
-6.00	0.750	-2.50	6.25	0.728	-2.76	26.50	0.161	-15.86	51.00	0.087	-21.21	75.50	0.199	-14.04
-5.75	0.768	-2.29	6.50	0.708	-3.00	27.00	0.144	-16.86	51.50	0.100	-20.04	76.00	0.193	-14.31
-5.50	0.787	-2.09	6.75	0.688	-3.25	27.50	0.125	-18.06	52.00	0.112	-19.05	76.50	0.186	-14.61
-5.25	0.804	-1.89	7.00	0.667	-3.52	28.00	0.106	-19.49	52.50	0.124	-18.13	77.00	0.180	-14.92
-5.00	0.822	-1.71	7.25	0.645	-3.81	28.50	0.086	-21.31	53.00	0.136	-17.33	77.50	0.174	-15.21
-4.75	0.838	-1.54	7.50	0.624	-4.10	29.00	0.067	-23.48	53.50	0.148	-16.59	78.00	0.167	-15.57
-4.50	0.854	-1.38	7.75	0.601	-4.42	29.50	0.047	-26.56	54.00	0.160	-15.94	78.50	0.160	-15.92
-4.25	0.869	-1.22	8.00	0.580	-4.74	30.00	0.028	-31.06	54.50	0.171	-15.37	79.00	0.154	-16.28
-4.00	0.883	-1.08	8.25	0.557	-5.08	30.50	0.010	-40.45	55.00	0.181	-14.85	79.50	0.147	-16.65
-3.75	0.897	-0.94	8.50	0.534	-5.46	31.00	0.012	-38.79	55.50	0.191	-14.38	80.00	0.140	-17.08
-3.50	0.910	-0.82	8.75	0.511	-5.83	31.50	0.029	-30.75	56.00	0.201	-13.94	80.50	0.134	-17.49
-3.25	0.922	-0.71	9.00	0.488	-6.24	32.00	0.046	-26.74	56.50	0.210	-13.56	81.00	0.127	-17.96
-3.00	0.933	-0.60	9.25	0.464	-6.67	32.50	0.063	-24.08	57.00	0.219	-13.19	81.50	0.120	-18.42
-2.75	0.943	-0.51	9.50	0.441	-7.11	33.00	0.079	-22.10	57.50	0.227	-12.88	82.00	0.113	-18.94
-2.50	0.953	-0.42	9.75	0.418	-7.58	33.50	0.094	-20.58	58.00	0.235	-12.60	82.50	0.107	-19.45
-2.25	0.962	-0.34	10.00	0.395	-8.08	34.00	0.107	-19.41	58.50	0.242	-12.34	83.00	0.100	-20.04
-2.00	0.970	-0.27	10.25	0.371	-8.61	34.50	0.120	-18.45	59.00	0.248	-12.13	83.50	0.093	-20.68
-1.75	0.977	-0.20	10.50	0.348	-9.17	35.00	0.131	-17.65	59.50	0.254	-11.92	84.00	0.086	-21.36
-1.50	0.983	-0.15	11.00	0.303	-10.39	35.50	0.141	-17.02	60.00	0.259	-11.75	84.50	0.08	-22.05
-1.25	0.988	-0.10	11.50	0.258	-11.78	36.00	0.150	-16.51	60.50	0.264	-11.58	85.00	0.07	-22.85
-1.00	0.993	-0.07	12.00	0.214	-13.39	36.50	0.157	-16.08	61.00	0.268	-11.45	85.50	0.07	-23.74
-0.75	0.996	-0.03	12.50	0.172	-15.29	37.00	0.163	-15.76	61.50	0.271	-11.36	86.00	0.06	-24.66
-0.50	0.998	-0.02	13.00	0.134	-17.49	37.50	0.168	-15.52	62.00	0.274	-11.26	86.50	0.05	-25.76
-0.25	1.000	0.00	13.50	0.100	-20.00	38.00	0.171	-15.34	62.50	0.276	-11.18	87.00	0.04	-27.03
0.00	1.000	0.00	14.00	0.075	-22.56	38.50	0.173	-15.24	63.00	0.278	-11.12	87.50	0.04	-28.52
0.25	1.000	0.00	14.50	0.065	-23.74	39.00	0.174	-15.19	63.50	0.279	-11.09	88.00	0.03	-30.17
0.50	0.999	-0.01	15.00	0.075	-22.56	39.50	0.173	-15.24	64.00	0.280	-11.06	88.50	0.02	-32.40
0.75	0.996	-0.03	15.50	0.095	-20.45	40.00	0.172	-15.31	64.50	0.280	-11.06	89.00	0.02	-35.39
1.00	0.993	-0.07	16.00	0.119	-18.53	40.50	0.169	-15.47	65.00	0.280	-11.06	89.50	0.01	-39.58
1.25	0.988	-0.10	16.50	0.143	-16.89	41.00	0.165	-15.68	65.50	0.279	-11.09	90.00	0.00	-49.12
1.50	0.983	-0.15	17.00	0.166	-15.60	41.50	0.159	-16.00	66.00	0.278	-11.12			
1.75	0.977	-0.20	17.50	0.187	-14.56	42.00	0.153	-16.33	66.50	0.277	-11.15			
2.00	0.971	-0.26	18.00	0.206	-13.74	42.50	0.145	-16.77	67.00	0.275	-11.21			