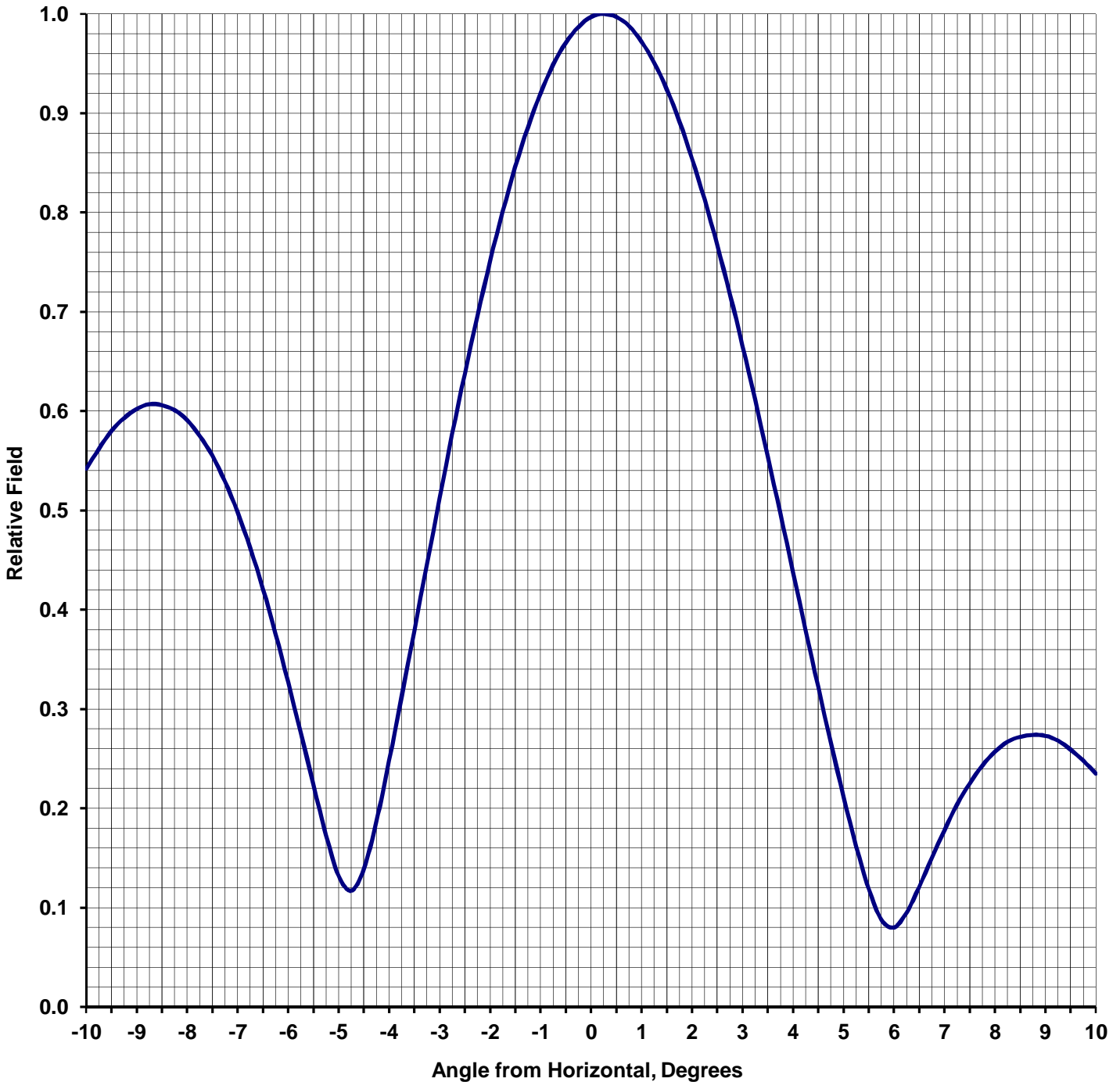


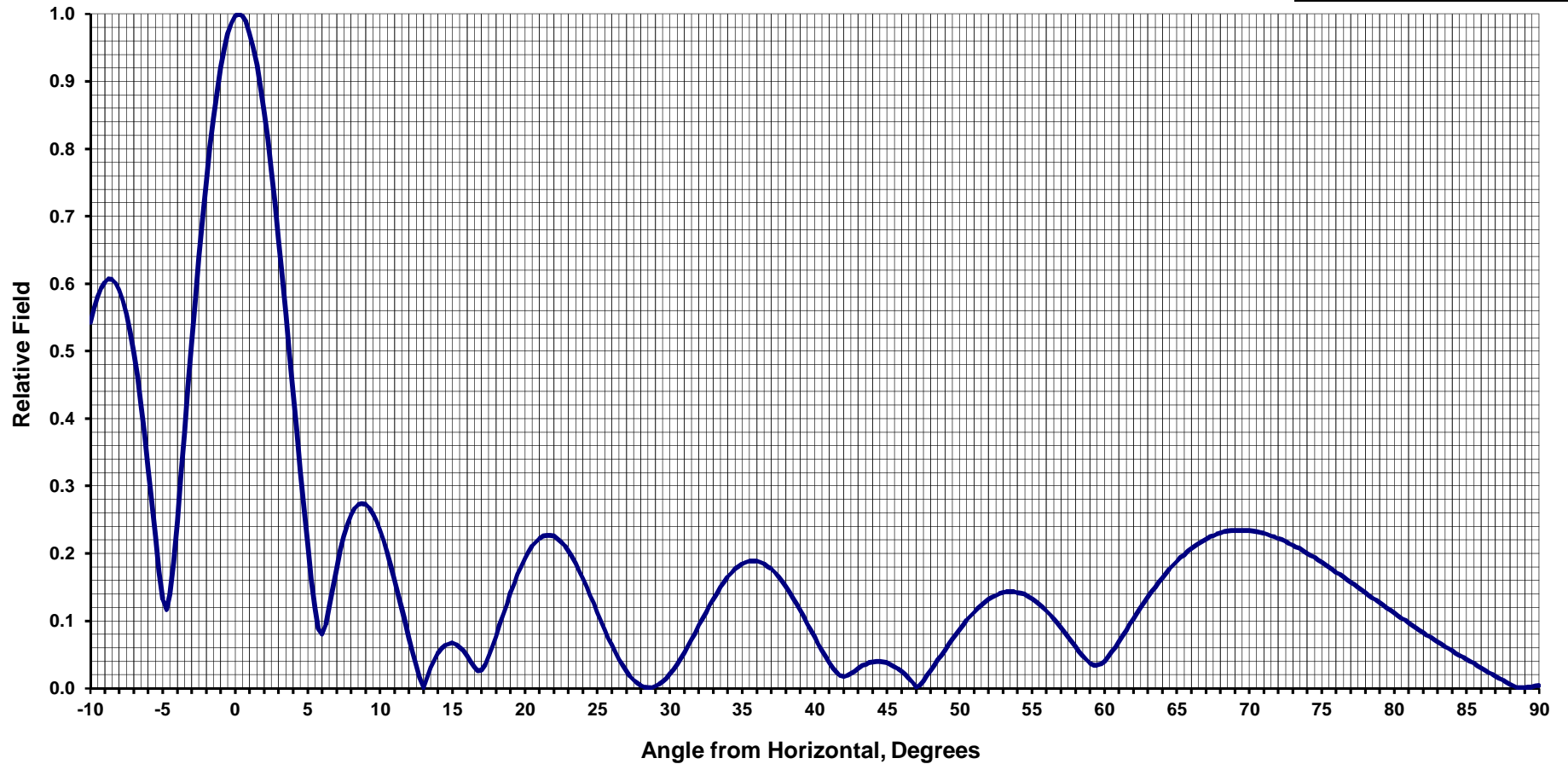
ELEVATION PATTERN

TYPE:	ALP8L1	
Directivity:	Numeric	dBd
Main Lobe:	8.26	(9.17)
Horizontal:	8.21	(9.14)
Beam Tilt:	0.25 degrees	
Polarization:	Horizontal/Vertical	
Channel:		
Location:		



ELEVATION PATTERN

TYPE:	ALP8L1	
Directivity:	Numeric	dBd
Main Lobe:	8.26	9.17
Horizontal:	8.21	9.14
Beam Tilt:	0.25 degrees	
Polarization:	Horizontal/Vertical	
Frequency:		
Location:		



TABULATED DATA FOR ELEVATION PATTERN

TYPE: **ALP8L1**

-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	0.542	-5.32	2.25	0.813	-1.80	18.50	0.109	-19.25	43.00	0.029	-30.75	67.50	0.226	-12.92
-9.75	0.562	-5.01	2.50	0.767	-2.30	19.00	0.141	-17.02	43.50	0.035	-29.12	68.00	0.230	-12.77
-9.50	0.580	-4.73	2.75	0.718	-2.88	19.50	0.169	-15.44	44.00	0.039	-28.18	68.50	0.233	-12.65
-9.25	0.593	-4.54	3.00	0.666	-3.53	20.00	0.193	-14.29	44.50	0.040	-27.96	69.00	0.234	-12.62
-9.00	0.602	-4.41	3.25	0.611	-4.28	20.50	0.211	-13.51	45.00	0.038	-28.40	69.50	0.234	-12.62
-8.75	0.607	-4.34	3.50	0.554	-5.13	21.00	0.222	-13.07	45.50	0.032	-29.90	70.00	0.234	-12.62
-8.50	0.606	-4.35	3.75	0.497	-6.07	21.50	0.227	-12.88	46.00	0.025	-32.04	70.50	0.232	-12.69
-8.25	0.601	-4.42	4.00	0.438	-7.17	22.00	0.226	-12.92	46.50	0.015	-36.48	71.00	0.230	-12.77
-8.00	0.591	-4.57	4.25	0.380	-8.40	22.50	0.217	-13.27	47.00	0.002	-53.98	71.50	0.226	-12.92
-7.75	0.575	-4.81	4.50	0.322	-9.84	23.00	0.204	-13.81	47.50	0.011	-39.17	72.00	0.222	-13.07
-7.50	0.555	-5.11	4.75	0.266	-11.50	23.50	0.185	-14.66	48.00	0.026	-31.70	72.50	0.218	-13.23
-7.25	0.529	-5.53	5.00	0.212	-13.47	24.00	0.163	-15.76	48.50	0.042	-27.54	73.00	0.212	-13.47
-7.00	0.498	-6.06	5.25	0.162	-15.81	24.50	0.138	-17.20	49.00	0.057	-24.88	73.50	0.207	-13.68
-6.75	0.462	-6.71	5.50	0.119	-18.49	25.00	0.113	-18.94	49.50	0.073	-22.73	74.00	0.200	-13.98
-6.50	0.421	-7.51	5.75	0.088	-21.11	25.50	0.087	-21.21	50.00	0.087	-21.21	74.50	0.194	-14.24
-6.25	0.376	-8.50	6.00	0.080	-21.94	26.00	0.064	-23.88	50.50	0.101	-19.91	75.00	0.187	-14.56
-6.00	0.327	-9.71	6.25	0.095	-20.45	26.50	0.043	-27.33	51.00	0.113	-18.94	75.50	0.180	-14.89
-5.75	0.276	-11.18	6.50	0.121	-18.34	27.00	0.025	-32.04	51.50	0.123	-18.20	76.00	0.172	-15.29
-5.50	0.224	-13.00	6.75	0.150	-16.48	27.50	0.012	-38.42	52.00	0.132	-17.59	76.50	0.165	-15.65
-5.25	0.173	-15.24	7.00	0.178	-14.99	28.00	0.004	-47.96	52.50	0.138	-17.20	77.00	0.157	-16.08
-5.00	0.132	-17.59	7.25	0.204	-13.81	28.50	0.001	-60.00	53.00	0.142	-16.95	77.50	0.150	-16.48
-4.75	0.117	-18.64	7.50	0.225	-12.96	29.00	0.003	-50.46	53.50	0.143	-16.89	78.00	0.142	-16.95
-4.50	0.139	-17.14	7.75	0.243	-12.29	29.50	0.010	-40.00	54.00	0.142	-16.95	78.50	0.134	-17.46
-4.25	0.187	-14.56	8.00	0.257	-11.80	30.00	0.021	-33.56	54.50	0.139	-17.14	79.00	0.127	-17.92
-4.00	0.248	-12.11	8.25	0.267	-11.47	30.50	0.036	-28.87	55.00	0.133	-17.52	79.50	0.119	-18.49
-3.75	0.313	-10.09	8.50	0.272	-11.31	31.00	0.053	-25.51	55.50	0.125	-18.06	80.00	0.112	-19.02
-3.50	0.379	-8.43	8.75	0.274	-11.24	31.50	0.072	-22.85	56.00	0.115	-18.79	80.50	0.104	-19.66
-3.25	0.446	-7.01	9.00	0.273	-11.28	32.00	0.093	-20.63	56.50	0.103	-19.74	81.00	0.097	-20.26
-3.00	0.512	-5.81	9.25	0.268	-11.44	32.50	0.113	-18.94	57.00	0.090	-20.92	81.50	0.090	-20.92
-2.75	0.577	-4.78	9.50	0.259	-11.73	33.00	0.132	-17.59	57.50	0.076	-22.38	82.00	0.083	-21.62
-2.50	0.638	-3.90	9.75	0.248	-12.11	33.50	0.150	-16.48	58.00	0.062	-24.15	82.50	0.076	-22.38
-2.25	0.696	-3.15	10.00	0.235	-12.58	34.00	0.165	-15.65	58.50	0.048	-26.38	83.00	0.069	-23.22
-2.00	0.751	-2.49	10.25	0.219	-13.19	34.50	0.177	-15.04	59.00	0.037	-28.64	83.50	0.062	-24.15
-1.75	0.801	-1.93	10.50	0.201	-13.94	35.00	0.185	-14.66	59.50	0.034	-29.37	84.00	0.056	-25.04
-1.50	0.846	-1.45	11.00	0.161	-15.86	35.50	0.189	-14.47	60.00	0.040	-27.96	84.50	0.05	-26.20
-1.25	0.886	-1.05	11.50	0.118	-18.56	36.00	0.189	-14.47	60.50	0.054	-25.35	85.00	0.04	-27.33
-1.00	0.920	-0.72	12.00	0.075	-22.50	36.50	0.185	-14.66	61.00	0.069	-23.22	85.50	0.04	-28.64
-0.75	0.949	-0.45	12.50	0.034	-29.37	37.00	0.177	-15.04	61.50	0.086	-21.31	86.00	0.03	-30.46
-0.50	0.971	-0.26	13.00	0.001	-60.00	37.50	0.166	-15.60	62.00	0.103	-19.74	86.50	0.02	-32.40
-0.25	0.987	-0.11	13.50	0.031	-30.17	38.00	0.151	-16.42	62.50	0.120	-18.42	87.00	0.02	-34.89
0.00	0.997	-0.03	14.00	0.052	-25.68	38.50	0.134	-17.46	63.00	0.135	-17.39	87.50	0.01	-38.42
0.25	1.000	0.00	14.50	0.064	-23.88	39.00	0.116	-18.71	63.50	0.150	-16.48	88.00	0.01	-44.44
0.50	0.997	-0.03	15.00	0.067	-23.48	39.50	0.096	-20.35	64.00	0.164	-15.70	88.50	0.00	-60.00
0.75	0.988	-0.10	15.50	0.061	-24.29	40.00	0.076	-22.38	64.50	0.177	-15.04	89.00	0.00	-60.00
1.00	0.972	-0.25	16.00	0.048	-26.38	40.50	0.056	-25.04	65.00	0.188	-14.52	89.50	0.00	-53.98
1.25	0.951	-0.44	16.50	0.032	-29.90	41.00	0.038	-28.40	65.50	0.198	-14.07	90.00	0.00	-47.96
1.50	0.924	-0.69	17.00	0.027	-31.37	41.50	0.024	-32.40	66.00	0.207	-13.68			
1.75	0.892	-0.99	17.50	0.047	-26.56	42.00	0.017	-35.39	66.50	0.215	-13.35			
2.00	0.854	-1.37	18.00	0.077	-22.27	42.50	0.022	-33.15	67.00	0.221	-13.11			