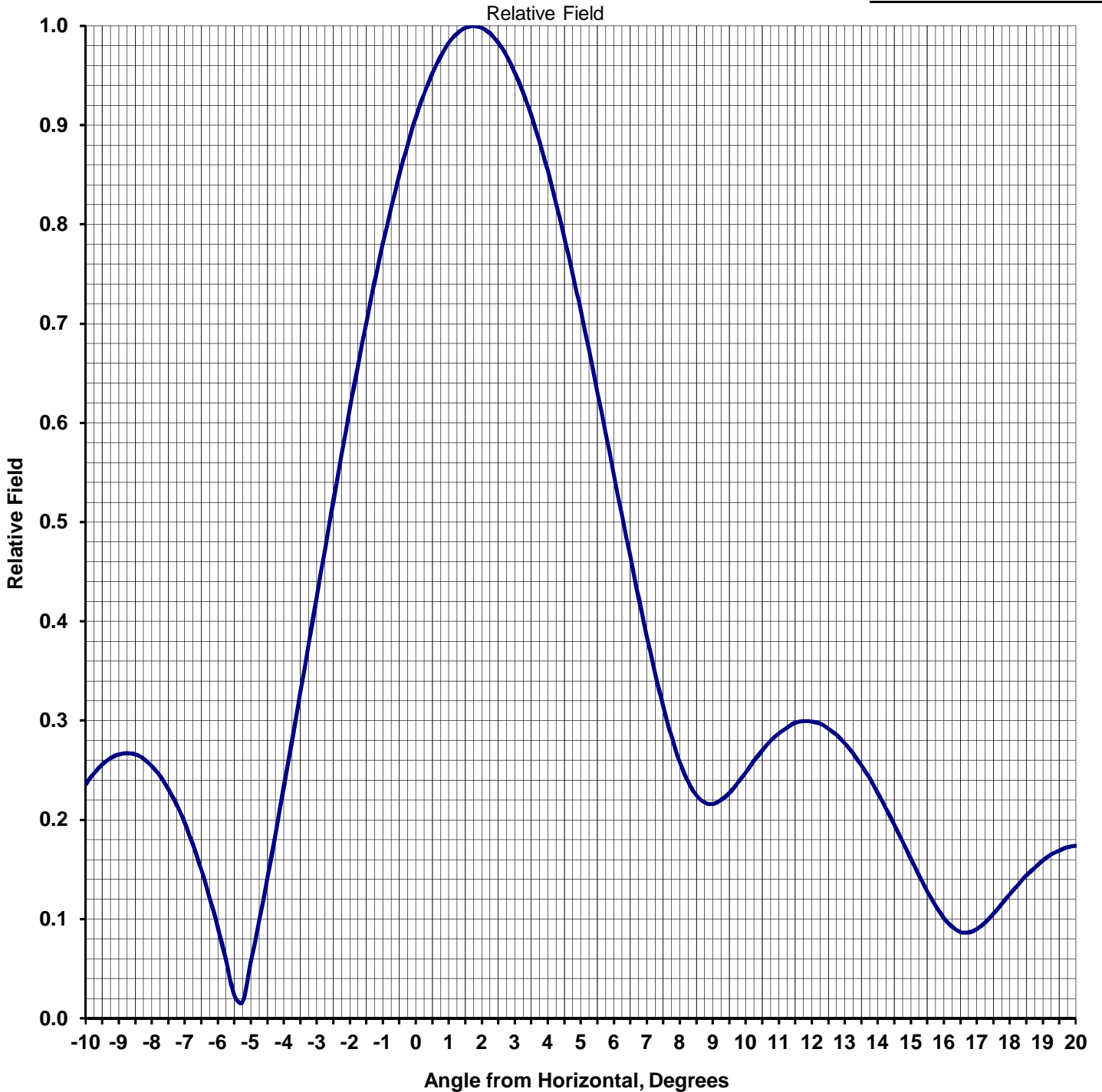


**ELEVATION PATTERN**

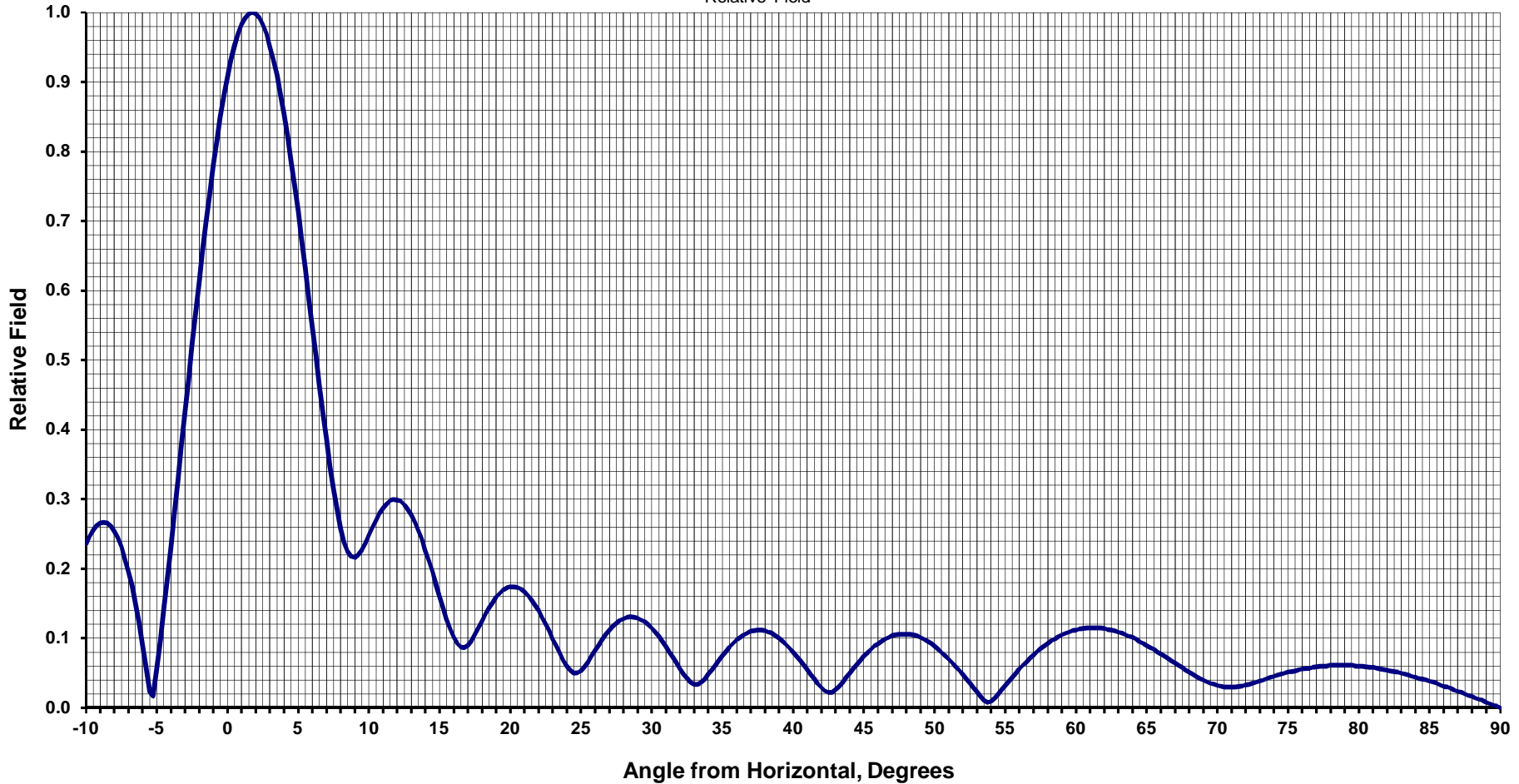
<b>TYPE:</b>	<b>ALPL8L7</b>	
<b>Directivity:</b>	<b>Numeric</b>	<b>dBd</b>
<b>Main Lobe:</b>	<b>8.50</b>	<b>(9.29)</b>
<b>Horizontal:</b>	<b>7.01</b>	<b>(8.46)</b>
<b>Beam Tilt:</b>	<b>1.75</b>	
<b>Polarization:</b>	<b>Horizontal/Vertical</b>	
<b>Channel:</b>		
<b>Location:</b>		



**ELEVATION PATTERN**

<b>TYPE:</b>	<b>ALPL8L7</b>	
<b>Directivity:</b>	<b>Numeric</b>	<b>dBd</b>
<b>Main Lobe:</b>	<b>8.50</b>	<b>9.29</b>
<b>Horizontal:</b>	<b>7.01</b>	<b>(8.46)</b>
<b>Beam Tilt:</b>	<b>1.75</b>	
<b>Polarization:</b>	<b>Horizontal/Vertical</b>	
<b>Frequency:</b>		
<b>Location:</b>		

Relative Field



# TABULATED DATA FOR ELEVATION PATTERN

TYPE: **ALPL8L7**

-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	0.236	-12.54	2.25	0.993	-0.07	18.50	0.144	-16.83	43.00	0.026	-31.70	67.50	0.058	-24.73
-9.75	0.247	-12.15	2.50	0.983	-0.15	19.00	0.159	-15.97	43.50	0.037	-28.64	68.00	0.051	-25.85
-9.50	0.256	-11.84	2.75	0.970	-0.26	19.50	0.169	-15.44	44.00	0.050	-26.02	68.50	0.045	-26.94
-9.25	0.262	-11.63	3.00	0.953	-0.42	20.00	0.174	-15.19	44.50	0.062	-24.15	69.00	0.040	-27.96
-9.00	0.266	-11.50	3.25	0.933	-0.60	20.50	0.173	-15.24	45.00	0.074	-22.62	69.50	0.035	-29.12
-8.75	0.267	-11.47	3.50	0.910	-0.82	21.00	0.167	-15.55	45.50	0.084	-21.51	70.00	0.032	-29.90
-8.50	0.266	-11.50	3.75	0.883	-1.08	21.50	0.155	-16.19	46.00	0.092	-20.72	70.50	0.030	-30.46
-8.25	0.262	-11.65	4.00	0.854	-1.37	22.00	0.140	-17.08	46.50	0.099	-20.09	71.00	0.030	-30.46
-8.00	0.254	-11.90	4.25	0.822	-1.71	22.50	0.120	-18.42	47.00	0.104	-19.66	71.50	0.031	-30.17
-7.75	0.245	-12.23	4.50	0.787	-2.08	23.00	0.099	-20.09	47.50	0.106	-19.49	72.00	0.033	-29.63
-7.50	0.231	-12.73	4.75	0.751	-2.49	23.50	0.078	-22.16	48.00	0.106	-19.49	72.50	0.035	-29.12
-7.25	0.216	-13.33	5.00	0.713	-2.94	24.00	0.060	-24.44	48.50	0.105	-19.58	73.00	0.038	-28.40
-7.00	0.197	-14.11	5.25	0.673	-3.44	24.50	0.050	-26.02	49.00	0.101	-19.91	73.50	0.042	-27.54
-6.75	0.175	-15.16	5.50	0.632	-3.99	25.00	0.053	-25.51	49.50	0.096	-20.35	74.00	0.045	-26.94
-6.50	0.150	-16.48	5.75	0.591	-4.58	25.50	0.066	-23.61	50.00	0.089	-21.01	74.50	0.048	-26.38
-6.25	0.122	-18.27	6.00	0.548	-5.22	26.00	0.083	-21.62	50.50	0.080	-21.94	75.00	0.051	-25.85
-6.00	0.092	-20.72	6.25	0.507	-5.91	26.50	0.098	-20.18	51.00	0.070	-23.10	75.50	0.053	-25.51
-5.75	0.059	-24.66	6.50	0.465	-6.65	27.00	0.112	-19.02	51.50	0.059	-24.58	76.00	0.056	-25.04
-5.50	0.023	-32.77	6.75	0.424	-7.45	27.50	0.122	-18.27	52.00	0.048	-26.38	76.50	0.057	-24.88
-5.25	0.017	-35.65	7.00	0.385	-8.29	28.00	0.128	-17.86	52.50	0.035	-29.12	77.00	0.059	-24.58
-5.00	0.056	-25.04	7.25	0.348	-9.17	28.50	0.131	-17.65	53.00	0.023	-32.77	77.50	0.060	-24.44
-4.75	0.098	-20.22	7.50	0.314	-10.06	29.00	0.129	-17.79	53.50	0.011	-39.17	78.00	0.061	-24.29
-4.50	0.141	-17.02	7.75	0.284	-10.93	29.50	0.124	-18.13	54.00	0.009	-40.92	78.50	0.061	-24.29
-4.25	0.186	-14.61	8.00	0.258	-11.77	30.00	0.115	-18.79	54.50	0.020	-33.98	79.00	0.061	-24.29
-4.00	0.233	-12.65	8.25	0.239	-12.45	30.50	0.103	-19.74	55.00	0.032	-29.90	79.50	0.061	-24.29
-3.75	0.280	-11.06	8.50	0.225	-12.96	31.00	0.088	-21.11	55.50	0.044	-27.13	80.00	0.060	-24.44
-3.50	0.328	-9.68	8.75	0.218	-13.25	31.50	0.073	-22.73	56.00	0.056	-25.04	80.50	0.059	-24.58
-3.25	0.377	-8.48	9.00	0.216	-13.31	32.00	0.056	-25.04	56.50	0.066	-23.61	81.00	0.058	-24.73
-3.00	0.425	-7.43	9.25	0.220	-13.15	32.50	0.042	-27.54	57.00	0.076	-22.38	81.50	0.056	-25.04
-2.75	0.473	-6.50	9.50	0.227	-12.88	33.00	0.034	-29.37	57.50	0.085	-21.41	82.00	0.054	-25.35
-2.50	0.521	-5.66	9.75	0.237	-12.51	33.50	0.037	-28.64	58.00	0.093	-20.63	82.50	0.052	-25.68
-2.25	0.568	-4.92	10.00	0.248	-12.11	34.00	0.048	-26.38	58.50	0.099	-20.09	83.00	0.050	-26.02
-2.00	0.614	-4.24	10.25	0.260	-11.72	34.50	0.061	-24.29	59.00	0.105	-19.58	83.50	0.047	-26.56
-1.75	0.658	-3.64	10.50	0.270	-11.37	35.00	0.075	-22.50	59.50	0.109	-19.25	84.00	0.044	-27.13
-1.50	0.701	-3.09	11.00	0.287	-10.84	35.50	0.087	-21.21	60.00	0.112	-19.02	84.50	0.04	-27.74
-1.25	0.742	-2.59	11.50	0.298	-10.52	36.00	0.098	-20.18	60.50	0.114	-18.86	85.00	0.04	-28.40
-1.00	0.780	-2.16	12.00	0.299	-10.49	36.50	0.105	-19.58	61.00	0.115	-18.79	85.50	0.04	-29.12
-0.75	0.816	-1.77	12.50	0.292	-10.69	37.00	0.110	-19.17	61.50	0.115	-18.79	86.00	0.03	-30.17
-0.50	0.850	-1.41	13.00	0.277	-11.15	37.50	0.112	-19.02	62.00	0.114	-18.86	86.50	0.03	-31.06
-0.25	0.880	-1.11	13.50	0.255	-11.87	38.00	0.111	-19.09	62.50	0.112	-19.02	87.00	0.02	-32.40
0.00	0.908	-0.84	14.00	0.227	-12.88	38.50	0.107	-19.41	63.00	0.109	-19.25	87.50	0.02	-33.98
0.25	0.932	-0.62	14.50	0.195	-14.20	39.00	0.100	-20.00	63.50	0.105	-19.58	88.00	0.02	-35.92
0.50	0.952	-0.43	15.00	0.161	-15.86	39.50	0.091	-20.82	64.00	0.101	-19.91	88.50	0.01	-38.42
0.75	0.969	-0.27	15.50	0.128	-17.86	40.00	0.080	-21.94	64.50	0.095	-20.45	89.00	0.01	-41.94
1.00	0.983	-0.15	16.00	0.101	-19.91	40.50	0.068	-23.35	65.00	0.090	-20.92	89.50	0.00	-47.96
1.25	0.993	-0.07	16.50	0.087	-21.21	41.00	0.055	-25.19	65.50	0.084	-21.51	90.00	0.00	---
1.50	0.998	-0.02	17.00	0.090	-20.92	41.50	0.041	-27.74	66.00	0.077	-22.27			
1.75	1.000	0.00	17.50	0.105	-19.58	42.00	0.029	-30.75	66.50	0.071	-22.97			
2.00	0.998	-0.02	18.00	0.125	-18.06	42.50	0.022	-33.15	67.00	0.064	-23.88			

