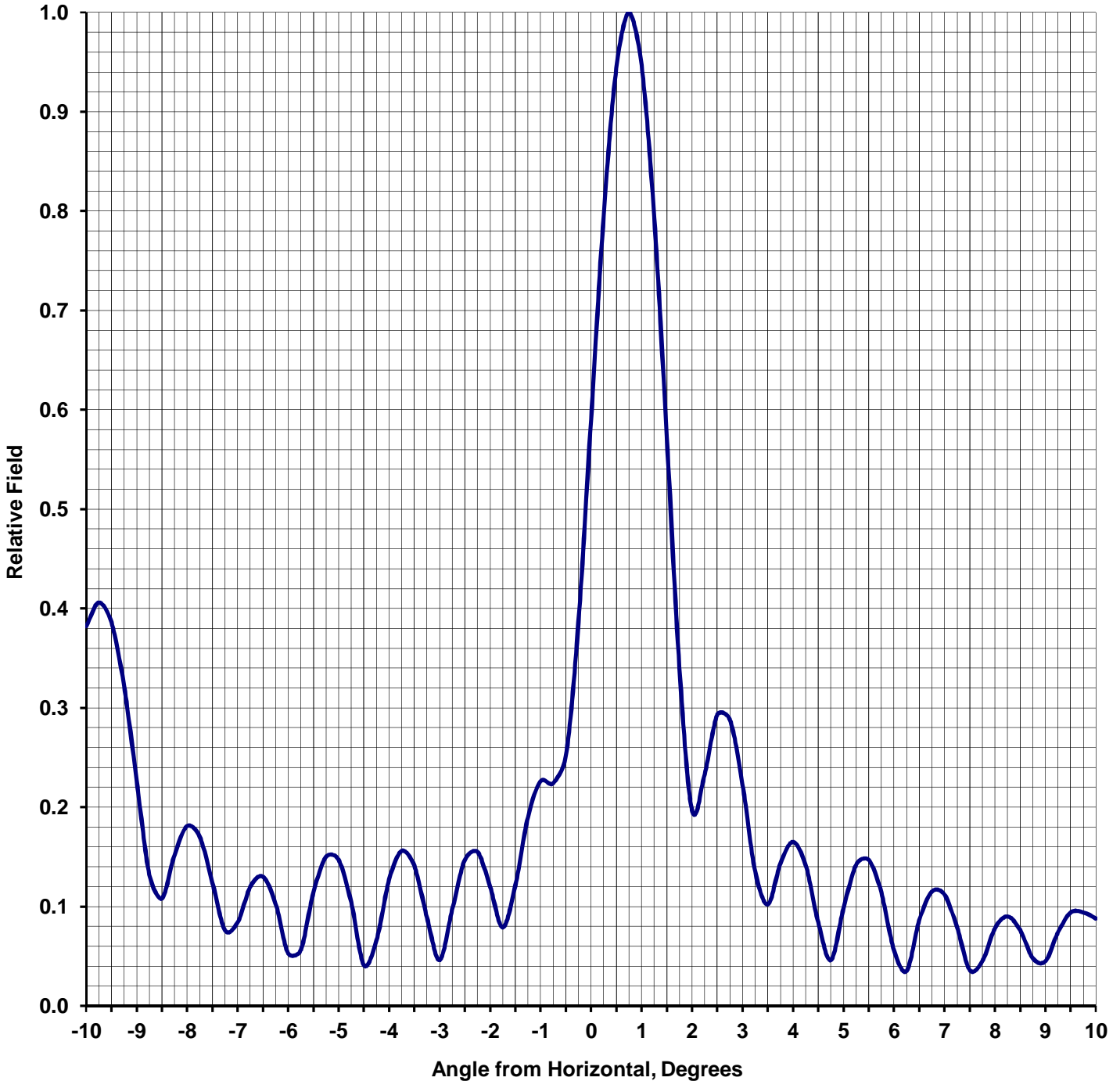


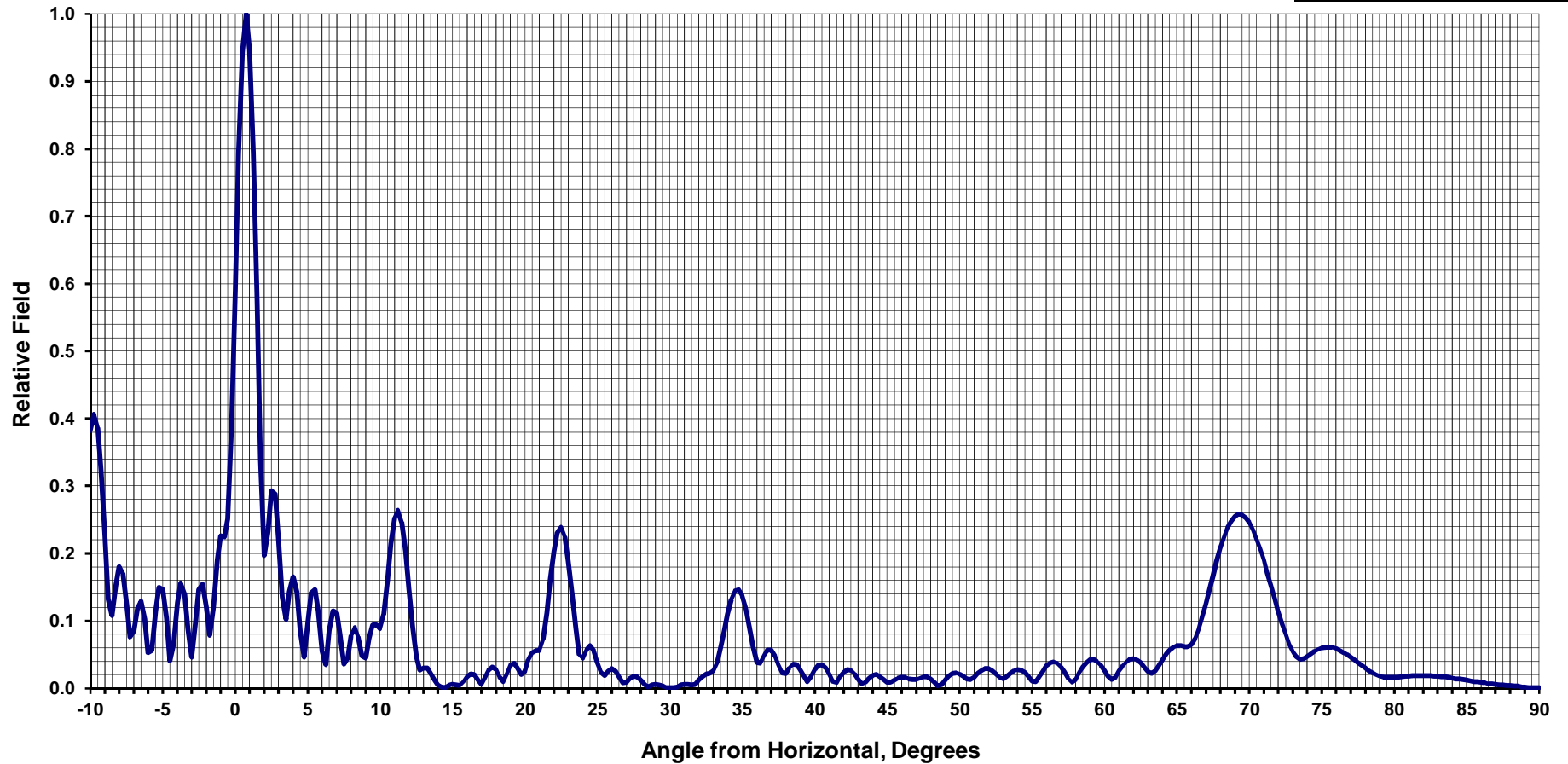
**ELEVATION PATTERN**

<b>TYPE:</b>	<b>ALP32L3</b>	
<b>Directivity:</b>	<b>Numeric</b>	<b>dBd</b>
<b>Main Lobe:</b>	<b>30.71</b>	<b>(14.87)</b>
<b>Horizontal:</b>	<b>10.69</b>	<b>(10.29)</b>
<b>Beam Tilt:</b>	<b>0.75 degrees</b>	
<b>Polarization:</b>	<b>Horizontal/Vertical</b>	
<b>Channel:</b>		
<b>Location:</b>		



**ELEVATION PATTERN**

<b>TYPE:</b>	<b>ALP32L3</b>	
<b>Directivity:</b>	<b>Numeric</b>	<b>dBd</b>
<b>Main Lobe:</b>	<b>30.71</b>	<b>14.87</b>
<b>Horizontal:</b>	<b>10.69</b>	<b>10.29</b>
<b>Beam Tilt:</b>	<b>0.75 degrees</b>	
<b>Polarization:</b>	<b>Horizontal/Vertical</b>	
<b>Frequency:</b>		
<b>Location:</b>		



# TABULATED DATA FOR ELEVATION PATTERN

TYPE: ALP32L3

-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	0.382	-8.36	2.25	0.233	-12.65	18.50	0.010	-40.00	43.00	0.014	-37.08	67.50	0.168	-15.49
-9.75	0.406	-7.83	2.50	0.293	-10.66	19.00	0.034	-29.37	43.50	0.009	-40.92	68.00	0.207	-13.68
-9.50	0.386	-8.27	2.75	0.288	-10.81	19.50	0.030	-30.46	44.00	0.019	-34.42	68.50	0.238	-12.47
-9.25	0.322	-9.84	3.00	0.223	-13.03	20.00	0.025	-32.04	44.50	0.017	-35.39	69.00	0.255	-11.87
-9.00	0.227	-12.88	3.25	0.135	-17.39	20.50	0.053	-25.51	45.00	0.009	-40.92	69.50	0.257	-11.80
-8.75	0.132	-17.59	3.50	0.102	-19.83	21.00	0.056	-25.04	45.50	0.012	-38.42	70.00	0.246	-12.18
-8.50	0.108	-19.33	3.75	0.143	-16.89	21.50	0.112	-19.02	46.00	0.016	-35.92	70.50	0.222	-13.07
-8.25	0.152	-16.36	4.00	0.165	-15.65	22.00	0.203	-13.85	46.50	0.014	-37.08	71.00	0.190	-14.42
-8.00	0.181	-14.85	4.25	0.142	-16.95	22.50	0.239	-12.43	47.00	0.013	-37.72	71.50	0.153	-16.31
-7.75	0.170	-15.39	4.50	0.084	-21.51	23.00	0.189	-14.47	47.50	0.017	-35.39	72.00	0.115	-18.79
-7.50	0.124	-18.13	4.75	0.046	-26.74	23.50	0.090	-20.92	48.00	0.014	-37.08	72.50	0.080	-21.94
-7.25	0.076	-22.38	5.00	0.098	-20.18	24.00	0.045	-26.94	48.50	0.003	-50.46	73.00	0.054	-25.35
-7.00	0.084	-21.51	5.25	0.142	-16.95	24.50	0.063	-24.01	49.00	0.012	-38.42	73.50	0.043	-27.33
-6.75	0.120	-18.42	5.50	0.147	-16.65	25.00	0.040	-27.96	49.50	0.022	-33.15	74.00	0.047	-26.56
-6.50	0.130	-17.72	5.75	0.114	-18.86	25.50	0.019	-34.42	50.00	0.021	-33.56	74.50	0.055	-25.19
-6.25	0.103	-19.74	6.00	0.056	-25.04	26.00	0.029	-30.75	50.50	0.014	-37.08	75.00	0.060	-24.44
-6.00	0.053	-25.51	6.25	0.035	-29.12	26.50	0.017	-35.39	51.00	0.016	-35.92	75.50	0.061	-24.29
-5.75	0.056	-25.04	6.50	0.086	-21.31	27.00	0.009	-40.92	51.50	0.026	-31.70	76.00	0.059	-24.58
-5.50	0.114	-18.86	6.75	0.115	-18.79	27.50	0.018	-34.89	52.00	0.029	-30.75	76.50	0.053	-25.51
-5.25	0.150	-16.48	7.00	0.112	-19.02	28.00	0.012	-38.42	52.50	0.021	-33.56	77.00	0.046	-26.74
-5.00	0.147	-16.65	7.25	0.079	-22.05	28.50	0.002	-53.98	53.00	0.014	-37.08	77.50	0.038	-28.40
-4.75	0.104	-19.66	7.50	0.036	-28.87	29.00	0.006	-44.44	53.50	0.022	-33.15	78.00	0.030	-30.46
-4.50	0.041	-27.74	7.75	0.045	-26.94	29.50	0.003	-50.46	54.00	0.028	-31.06	78.50	0.023	-32.77
-4.25	0.066	-23.61	8.00	0.078	-22.16	30.00	0.001	-60.00	54.50	0.024	-32.40	79.00	0.018	-34.89
-4.00	0.127	-17.92	8.25	0.090	-20.92	30.50	0.002	-53.98	55.00	0.011	-39.17	79.50	0.016	-35.92
-3.75	0.156	-16.14	8.50	0.076	-22.38	31.00	0.006	-44.44	55.50	0.017	-35.39	80.00	0.016	-35.92
-3.50	0.141	-17.02	8.75	0.048	-26.38	31.50	0.005	-46.02	56.00	0.033	-29.63	80.50	0.017	-35.39
-3.25	0.089	-21.01	9.00	0.045	-26.94	32.00	0.012	-38.42	56.50	0.039	-28.18	81.00	0.018	-34.89
-3.00	0.046	-26.74	9.25	0.074	-22.62	32.50	0.021	-33.56	57.00	0.032	-29.90	81.50	0.019	-34.42
-2.75	0.097	-20.26	9.50	0.094	-20.54	33.00	0.026	-31.70	57.50	0.015	-36.48	82.00	0.019	-34.42
-2.50	0.147	-16.65	9.75	0.094	-20.54	33.50	0.059	-24.58	58.00	0.013	-37.72	82.50	0.019	-34.42
-2.25	0.155	-16.19	10.00	0.088	-21.11	34.00	0.110	-19.17	58.50	0.032	-29.90	83.00	0.018	-34.89
-2.00	0.120	-18.42	10.25	0.109	-19.25	34.50	0.145	-16.77	59.00	0.042	-27.54	83.50	0.017	-35.39
-1.75	0.079	-22.05	10.50	0.160	-15.92	35.00	0.138	-17.20	59.50	0.040	-27.96	84.00	0.015	-36.48
-1.50	0.121	-18.34	11.00	0.253	-11.94	35.50	0.091	-20.82	60.00	0.026	-31.70	84.50	0.01	-37.08
-1.25	0.190	-14.42	11.50	0.246	-12.18	36.00	0.038	-28.40	60.50	0.013	-37.72	85.00	0.01	-38.42
-1.00	0.226	-12.92	12.00	0.148	-16.59	36.50	0.049	-26.20	61.00	0.025	-32.04	85.50	0.01	-40.00
-0.75	0.224	-13.00	12.50	0.046	-26.74	37.00	0.057	-24.88	61.50	0.039	-28.18	86.00	0.01	-40.92
-0.50	0.251	-12.01	13.00	0.030	-30.46	37.50	0.035	-29.12	62.00	0.044	-27.13	86.50	0.01	-43.10
-0.25	0.386	-8.27	13.50	0.022	-33.15	38.00	0.022	-33.15	62.50	0.038	-28.40	87.00	0.01	-44.44
0.00	0.590	-4.58	14.00	0.005	-46.02	38.50	0.036	-28.87	63.00	0.025	-32.04	87.50	0.01	-46.02
0.25	0.795	-1.99	14.50	0.001	-60.00	39.00	0.028	-31.06	63.50	0.026	-31.70	88.00	0.00	-47.96
0.50	0.944	-0.50	15.00	0.006	-44.44	39.50	0.010	-40.00	64.00	0.042	-27.54	88.50	0.00	-50.46
0.75	1.000	0.00	15.50	0.004	-47.96	40.00	0.028	-31.06	64.50	0.057	-24.88	89.00	0.00	-53.98
1.00	0.947	-0.47	16.00	0.017	-35.39	40.50	0.035	-29.12	65.00	0.063	-24.01	89.50	0.00	-60.00
1.25	0.794	-2.00	16.50	0.020	-33.98	41.00	0.021	-33.56	65.50	0.062	-24.15	90.00	0.00	-60.00
1.50	0.573	-4.84	17.00	0.006	-44.44	41.50	0.008	-41.94	66.00	0.065	-23.74			
1.75	0.341	-9.34	17.50	0.027	-31.37	42.00	0.024	-32.40	66.50	0.087	-21.21			
2.00	0.197	-14.11	18.00	0.028	-31.06	42.50	0.027	-31.37	67.00	0.125	-18.06			