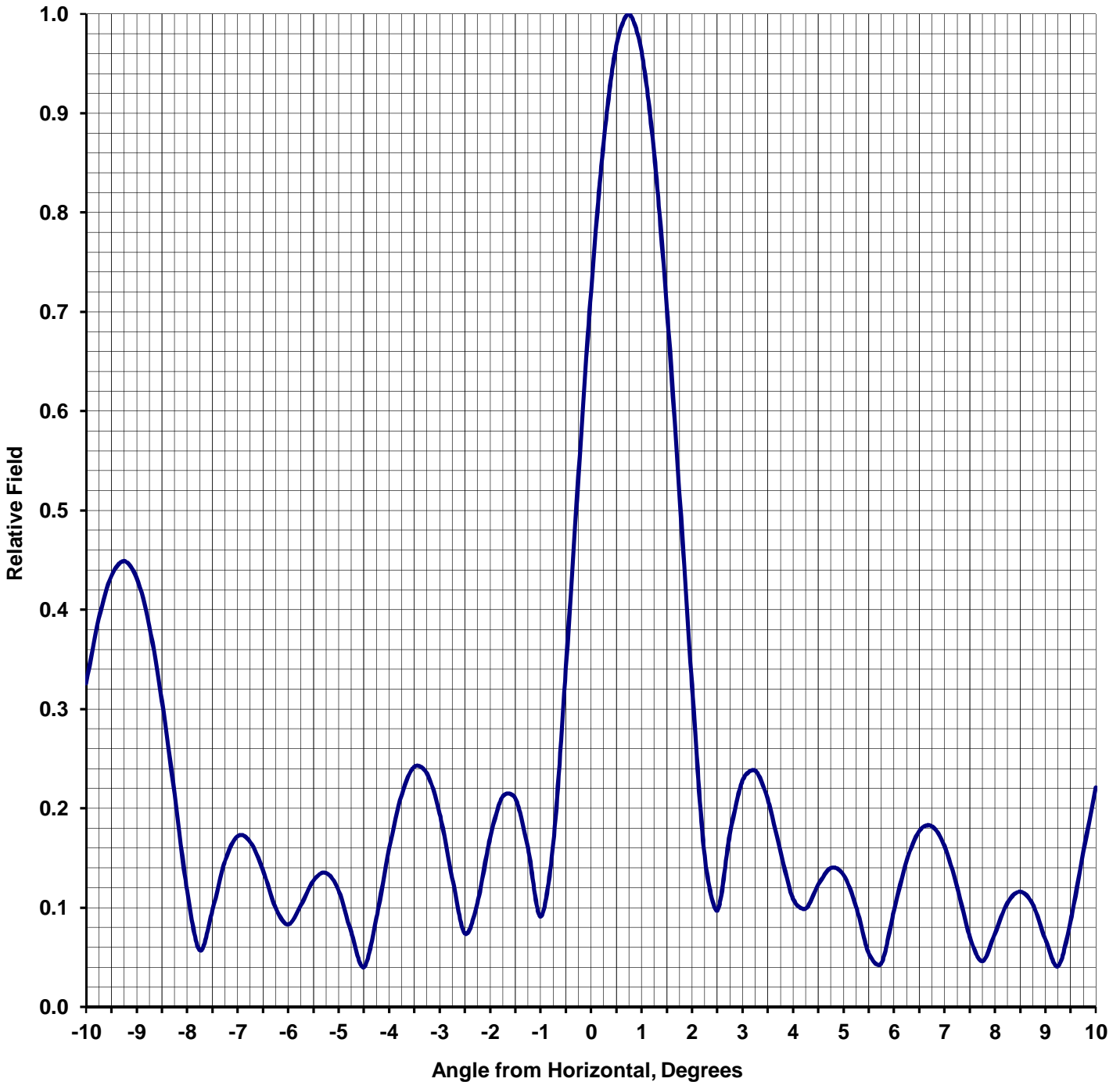


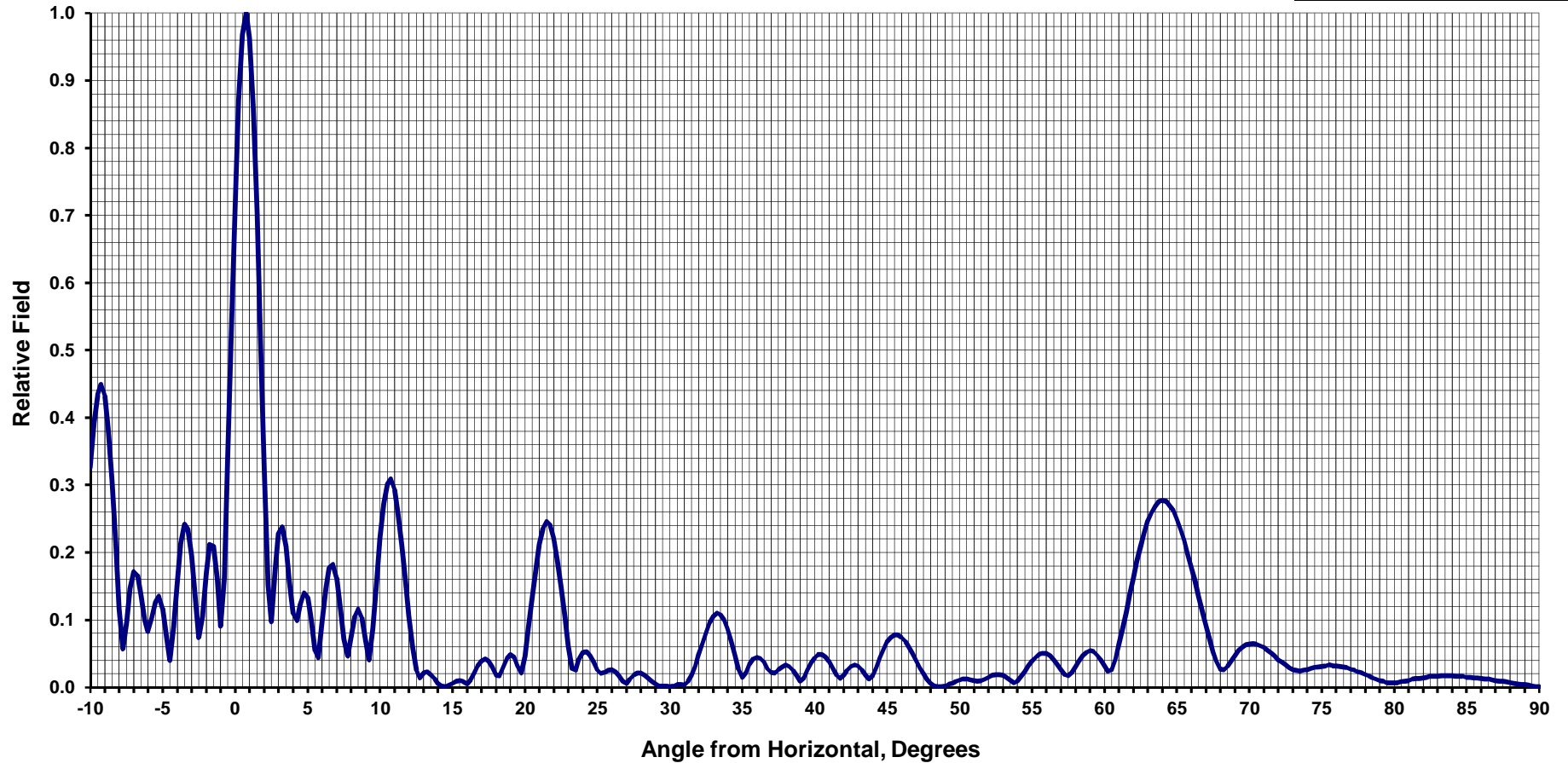
ELEVATION PATTERN

TYPE:	ALP24L3	
Directivity:	Numeric	dBd
Main Lobe:	25.04	(13.99)
Horizontal:	12.98	(11.13)
Beam Tilt:	0.75 degrees	
Polarization:	Horizontal/Vertical	
Channel:		
Location:		



ELEVATION PATTERN

TYPE:	ALP24L3	
Directivity:	Numeric	dBd
Main Lobe:	25.04	13.99
Horizontal:	12.98	11.13
Beam Tilt:	0.75 degrees	
Polarization:	Horizontal/Vertical	
Frequency:		
Location:		



TABULATED DATA FOR ELEVATION PATTERN

TYPE: **ALP24L3**

-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	0.326	-9.74	2.25	0.152	-16.36	18.50	0.030	-30.46	43.00	0.032	-29.90	67.50	0.053	-25.51
-9.75	0.391	-8.16	2.50	0.097	-20.26	19.00	0.049	-26.20	43.50	0.018	-34.89	68.00	0.027	-31.37
-9.50	0.434	-7.25	2.75	0.174	-15.19	19.50	0.032	-29.90	44.00	0.017	-35.39	68.50	0.031	-30.17
-9.25	0.449	-6.96	3.00	0.228	-12.84	20.00	0.046	-26.74	44.50	0.044	-27.13	69.00	0.047	-26.56
-9.00	0.432	-7.29	3.25	0.238	-12.47	20.50	0.133	-17.52	45.00	0.067	-23.48	69.50	0.059	-24.58
-8.75	0.384	-8.31	3.50	0.209	-13.60	21.00	0.212	-13.47	45.50	0.078	-22.16	70.00	0.064	-23.88
-8.50	0.308	-10.23	3.75	0.157	-16.08	21.50	0.246	-12.18	46.00	0.074	-22.62	70.50	0.064	-23.88
-8.25	0.214	-13.39	4.00	0.109	-19.25	22.00	0.221	-13.11	46.50	0.060	-24.44	71.00	0.059	-24.58
-8.00	0.117	-18.64	4.25	0.099	-20.09	22.50	0.149	-16.54	47.00	0.039	-28.18	71.50	0.051	-25.85
-7.75	0.057	-24.88	4.50	0.123	-18.20	23.00	0.062	-24.15	47.50	0.020	-33.98	72.00	0.041	-27.74
-7.50	0.097	-20.26	4.75	0.140	-17.08	23.50	0.025	-32.04	48.00	0.006	-44.44	72.50	0.033	-29.63
-7.25	0.147	-16.65	5.00	0.133	-17.52	24.00	0.052	-25.68	48.50	0.001	-60.00	73.00	0.026	-31.70
-7.00	0.172	-15.29	5.25	0.101	-19.91	24.50	0.047	-26.56	49.00	0.002	-53.98	73.50	0.024	-32.40
-6.75	0.166	-15.60	5.50	0.054	-25.35	25.00	0.026	-31.70	49.50	0.006	-44.44	74.00	0.026	-31.70
-6.50	0.138	-17.20	5.75	0.044	-27.13	25.50	0.022	-33.15	50.00	0.011	-39.17	74.50	0.029	-30.75
-6.25	0.100	-20.00	6.00	0.097	-20.26	26.00	0.026	-31.70	50.50	0.012	-38.42	75.00	0.031	-30.17
-6.00	0.083	-21.62	6.25	0.147	-16.65	26.50	0.017	-35.39	51.00	0.010	-40.00	75.50	0.033	-29.63
-5.75	0.102	-19.83	6.50	0.177	-15.04	27.00	0.006	-44.44	51.50	0.010	-40.00	76.00	0.032	-29.90
-5.50	0.127	-17.92	6.75	0.182	-14.80	27.50	0.018	-34.89	52.00	0.015	-36.48	76.50	0.030	-30.46
-5.25	0.135	-17.39	7.00	0.162	-15.81	28.00	0.021	-33.56	52.50	0.019	-34.42	77.00	0.027	-31.37
-5.00	0.117	-18.64	7.25	0.121	-18.34	28.50	0.014	-37.08	53.00	0.018	-34.89	77.50	0.023	-32.77
-4.75	0.075	-22.50	7.50	0.071	-22.97	29.00	0.005	-46.02	53.50	0.011	-39.17	78.00	0.019	-34.42
-4.50	0.040	-27.96	7.75	0.046	-26.74	29.50	0.002	-53.98	54.00	0.009	-40.92	78.50	0.014	-37.08
-4.25	0.090	-20.92	8.00	0.074	-22.62	30.00	0.001	-60.00	54.50	0.024	-32.40	79.00	0.010	-40.00
-4.00	0.159	-15.97	8.25	0.105	-19.58	30.50	0.004	-47.96	55.00	0.039	-28.18	79.50	0.007	-43.10
-3.75	0.214	-13.39	8.50	0.116	-18.71	31.00	0.003	-50.46	55.50	0.049	-26.20	80.00	0.007	-43.10
-3.50	0.242	-12.32	8.75	0.103	-19.74	31.50	0.018	-34.89	56.00	0.050	-26.02	80.50	0.008	-41.94
-3.25	0.235	-12.58	9.00	0.068	-23.35	32.00	0.048	-26.38	56.50	0.041	-27.74	81.00	0.010	-40.00
-3.00	0.195	-14.20	9.25	0.041	-27.74	32.50	0.082	-21.72	57.00	0.026	-31.70	81.50	0.013	-37.72
-2.75	0.130	-17.72	9.50	0.087	-21.21	33.00	0.105	-19.58	57.50	0.017	-35.39	82.00	0.014	-37.08
-2.50	0.074	-22.62	9.75	0.156	-16.14	33.50	0.108	-19.33	58.00	0.031	-30.17	82.50	0.016	-35.92
-2.25	0.105	-19.58	10.00	0.221	-13.11	34.00	0.087	-21.21	58.50	0.047	-26.56	83.00	0.016	-35.92
-2.00	0.170	-15.39	10.25	0.272	-11.31	34.50	0.048	-26.38	59.00	0.054	-25.35	83.50	0.017	-35.39
-1.75	0.212	-13.47	10.50	0.302	-10.40	35.00	0.015	-36.48	59.50	0.048	-26.38	84.00	0.017	-35.39
-1.50	0.210	-13.56	11.00	0.293	-10.66	35.50	0.034	-29.37	60.00	0.032	-29.90	84.50	0.02	-35.92
-1.25	0.160	-15.92	11.50	0.211	-13.51	36.00	0.045	-26.94	60.50	0.026	-31.70	85.00	0.02	-36.48
-1.00	0.091	-20.82	12.00	0.105	-19.58	36.50	0.037	-28.64	61.00	0.063	-24.01	85.50	0.01	-37.08
-0.75	0.164	-15.70	12.50	0.025	-32.04	37.00	0.022	-33.15	61.50	0.112	-19.02	86.00	0.01	-37.72
-0.50	0.340	-9.37	13.00	0.021	-33.56	37.50	0.026	-31.70	62.00	0.163	-15.76	86.50	0.01	-38.42
-0.25	0.535	-5.43	13.50	0.019	-34.42	38.00	0.033	-29.63	62.50	0.209	-13.60	87.00	0.01	-40.00
0.00	0.720	-2.85	14.00	0.006	-44.44	38.50	0.025	-32.04	63.00	0.246	-12.18	87.50	0.01	-40.92
0.25	0.871	-1.20	14.50	0.001	-60.00	39.00	0.009	-40.92	63.50	0.269	-11.40	88.00	0.01	-43.10
0.50	0.968	-0.28	15.00	0.006	-44.44	39.50	0.025	-32.04	64.00	0.277	-11.15	88.50	0.01	-46.02
0.75	1.000	0.00	15.50	0.010	-40.00	40.00	0.044	-27.13	64.50	0.270	-11.37	89.00	0.00	-47.96
1.00	0.962	-0.34	16.00	0.005	-46.02	40.50	0.049	-26.20	65.00	0.250	-12.04	89.50	0.00	-53.98
1.25	0.859	-1.32	16.50	0.021	-33.56	41.00	0.038	-28.40	65.50	0.218	-13.23	90.00	0.00	-60.00
1.50	0.705	-3.04	17.00	0.039	-28.18	41.50	0.018	-34.89	66.00	0.179	-14.94			
1.75	0.518	-5.71	17.50	0.039	-28.18	42.00	0.018	-34.89	66.50	0.135	-17.39			
2.00	0.324	-9.79	18.00	0.018	-34.89	42.50	0.031	-30.17	67.00	0.092	-20.72			