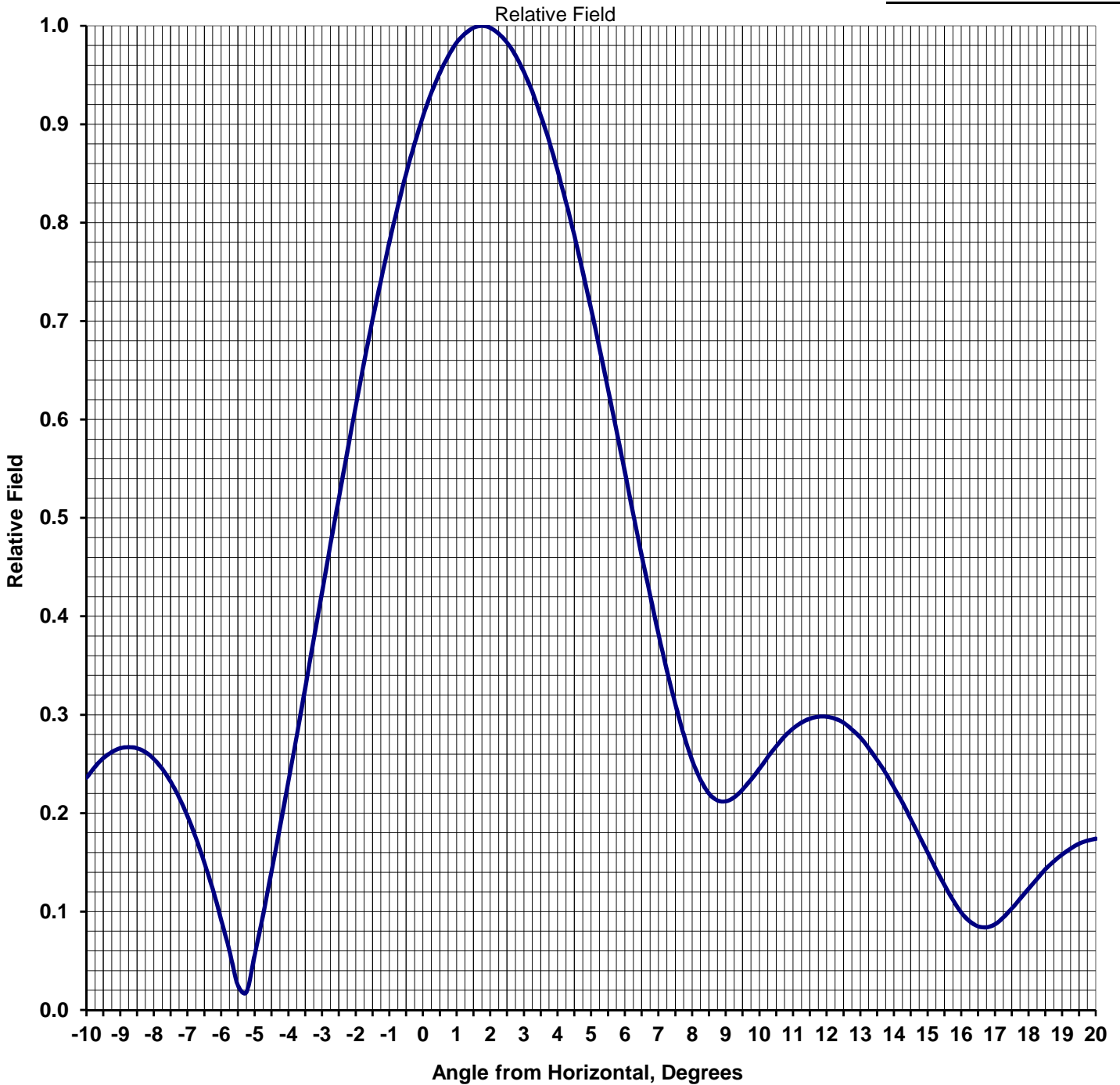


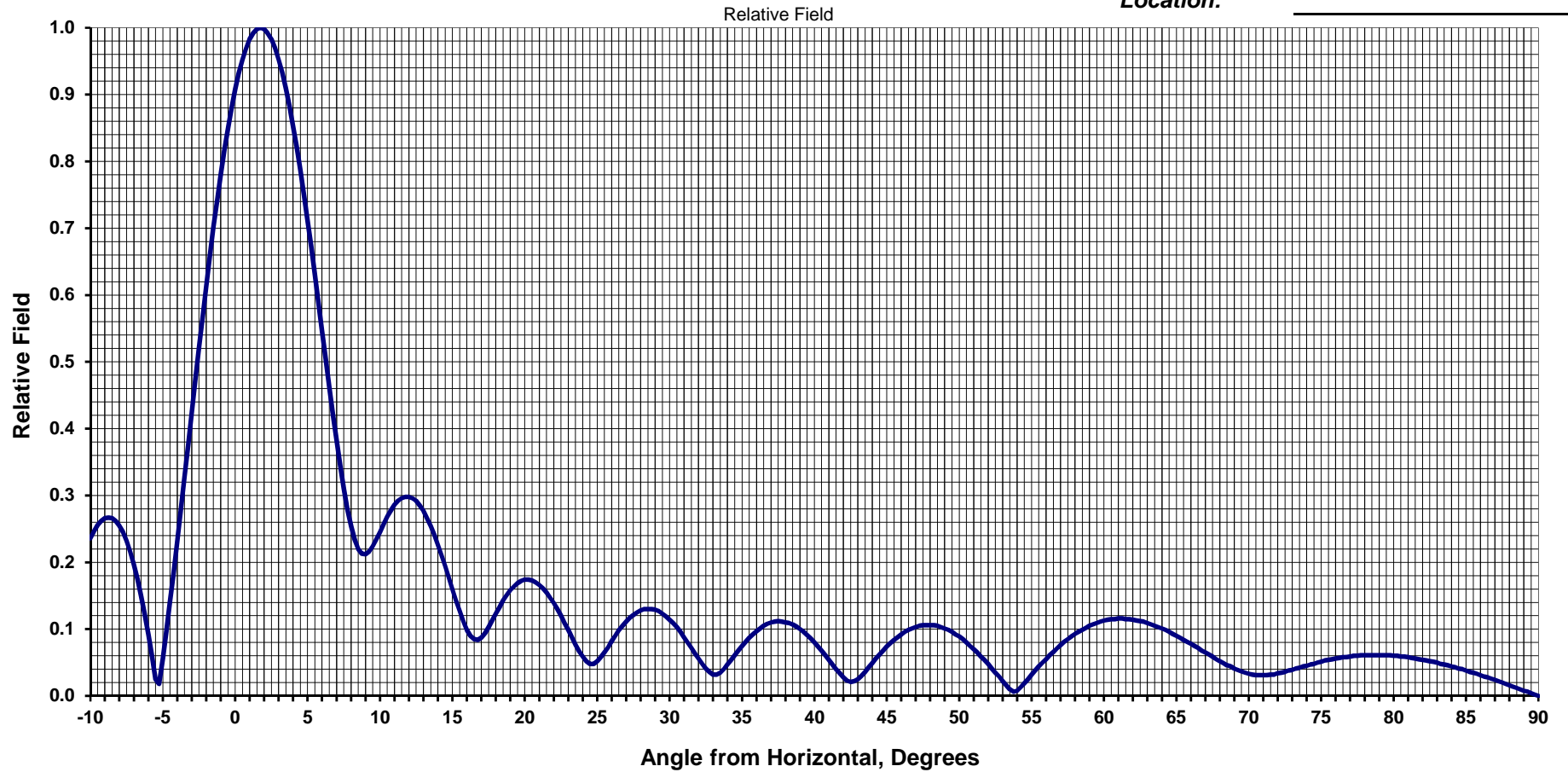
### ELEVATION PATTERN

<b>TYPE:</b>	<b>ALV8V7</b>	
<b>Directivity:</b>	<b>Numeric</b>	<b>dBd</b>
<b>Main Lobe:</b>	<b>8.51</b>	<b>(9.30)</b>
<b>Horizontal:</b>	<b>7.02</b>	<b>(8.46)</b>
<b>Beam Tilt:</b>	<b>1.75 degrees</b>	
<b>Polarization:</b>	<b>Horizontal</b>	
<b>Channel:</b>		
<b>Location:</b>		



**ELEVATION PATTERN**

<b>TYPE:</b>	<b>ALV8V7</b>	
<b>Directivity:</b>	<b>Numeric</b>	<b>dBd</b>
<b>Main Lobe:</b>	<b>8.51</b>	<b>9.30</b>
<b>Horizontal:</b>	<b>7.02</b>	<b>8.46</b>
<b>Beam Tilt:</b>	<b>1.75 degrees</b>	
<b>Polarization:</b>	<b>Horizontal</b>	
<b>Frequency:</b>		
<b>Location:</b>		



# TABULATED DATA FOR ELEVATION PATTERN

TYPE: ALV8V7

-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	0.992	-0.07	18.50	0.143	-16.89	43.00	0.025	-32.04	67.50	0.059	-24.58
-9.75	0.247	-12.15	2.50	0.983	-0.15	19.00	0.158	-16.03	43.50	0.036	-28.87	68.00	0.052	-25.68
-9.50	0.256	-11.84	2.75	0.970	-0.26	19.50	0.169	-15.44	44.00	0.049	-26.20	68.50	0.046	-26.74
-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	0.041	-27.74
-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	0.037	-28.64
-8.75	0.267	-11.47	3.50	0.909	-0.83	21.00	0.166	-15.60	45.50	0.084	-21.51	70.00	0.033	-29.63
-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	0.031	-30.17
-8.25	0.262	-11.63	4.00	0.853	-1.38	22.00	0.139	-17.14	46.50	0.099	-20.09	71.00	0.031	-30.17
-8.00	0.255	-11.87	4.25	0.821	-1.71	22.50	0.120	-18.42	47.00	0.103	-19.74	71.50	0.032	-29.90
-7.75	0.245	-12.22	4.50	0.787	-2.08	23.00	0.099	-20.09	47.50	0.106	-19.49	72.00	0.034	-29.37
-7.50	0.232	-12.69	4.75	0.750	-2.50	23.50	0.077	-22.27	48.00	0.106	-19.49	72.50	0.036	-28.87
-7.25	0.216	-13.31	5.00	0.712	-2.95	24.00	0.059	-24.58	48.50	0.105	-19.58	73.00	0.039	-28.18
-7.00	0.197	-14.11	5.25	0.672	-3.45	24.50	0.048	-26.38	49.00	0.101	-19.91	73.50	0.042	-27.54
-6.75	0.175	-15.14	5.50	0.631	-4.00	25.00	0.052	-25.68	49.50	0.096	-20.35	74.00	0.045	-26.94
-6.50	0.150	-16.48	5.75	0.589	-4.60	25.50	0.065	-23.74	50.00	0.089	-21.01	74.50	0.048	-26.38
-6.25	0.123	-18.20	6.00	0.547	-5.24	26.00	0.082	-21.72	50.50	0.080	-21.94	75.00	0.051	-25.85
-6.00	0.092	-20.72	6.25	0.504	-5.95	26.50	0.098	-20.18	51.00	0.070	-23.10	75.50	0.054	-25.35
-5.75	0.060	-24.44	6.50	0.462	-6.71	27.00	0.111	-19.09	51.50	0.059	-24.58	76.00	0.056	-25.04
-5.50	0.025	-32.04	6.75	0.422	-7.49	27.50	0.121	-18.34	52.00	0.048	-26.38	76.50	0.058	-24.73
-5.25	0.018	-34.89	7.00	0.382	-8.36	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	0.345	-9.24	28.50	0.130	-17.72	53.00	0.022	-33.15	77.50	0.060	-24.44
-4.75	0.097	-20.26	7.50	0.311	-10.14	29.00	0.129	-17.79	53.50	0.010	-40.00	78.00	0.061	-24.29
-4.50	0.141	-17.02	7.75	0.280	-11.06	29.50	0.123	-18.20	54.00	0.008	-41.94	78.50	0.061	-24.29
-4.25	0.186	-14.61	8.00	0.254	-11.90	30.00	0.114	-18.86	54.50	0.019	-34.42	79.00	0.061	-24.29
-4.00	0.232	-12.69	8.25	0.234	-12.62	30.50	0.103	-19.74	55.00	0.032	-29.90	79.50	0.061	-24.29
-3.75	0.279	-11.09	8.50	0.220	-13.15	31.00	0.088	-21.11	55.50	0.044	-27.13	80.00	0.060	-24.44
-3.50	0.327	-9.71	8.75	0.213	-13.43	31.50	0.072	-22.85	56.00	0.055	-25.19	80.50	0.059	-24.58
-3.25	0.376	-8.50	9.00	0.212	-13.47	32.00	0.056	-25.04	56.50	0.066	-23.61	81.00	0.058	-24.73
-3.00	0.424	-7.45	9.25	0.216	-13.31	32.50	0.041	-27.74	57.00	0.076	-22.38	81.50	0.056	-25.04
-2.75	0.473	-6.50	9.50	0.224	-13.00	33.00	0.032	-29.90	57.50	0.085	-21.41	82.00	0.054	-25.35
-2.50	0.520	-5.68	9.75	0.234	-12.62	33.50	0.035	-29.12	58.00	0.093	-20.63	82.50	0.052	-25.68
-2.25	0.567	-4.93	10.00	0.245	-12.22	34.00	0.047	-26.56	58.50	0.099	-20.09	83.00	0.050	-26.02
-2.00	0.613	-4.25	10.25	0.257	-11.80	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	0.268	-11.44	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	0.286	-10.87	35.50	0.087	-21.21	60.00	0.113	-18.94	84.50	0.041	-27.74
-1.25	0.741	-2.60	11.50	0.296	-10.57	36.00	0.097	-20.26	60.50	0.115	-18.79	85.00	0.038	-28.40
-1.00	0.780	-2.16	12.00	0.298	-10.52	36.50	0.105	-19.58	61.00	0.116	-18.71	85.50	0.035	-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	0.031	-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	0.028	-31.06
-0.25	0.880	-1.11	13.50	0.254	-11.90	38.00	0.110	-19.17	62.50	0.112	-19.02	87.00	0.024	-32.40
0.00	0.908	-0.84	14.00	0.226	-12.92	38.50	0.107	-19.41	63.00	0.109	-19.25	87.50	0.020	-33.98
0.25	0.932	-0.61	14.50	0.194	-14.24	39.00	0.100	-20.00	63.50	0.105	-19.58	88.00	0.016	-35.92
0.50	0.952	-0.43	15.00	0.160	-15.92	39.50	0.091	-20.82	64.00	0.101	-19.91	88.50	0.012	-38.42
0.75	0.969	-0.27	15.50	0.127	-17.92	40.00	0.080	-21.94	64.50	0.096	-20.35	89.00	0.008	-41.94
1.00	0.983	-0.15	16.00	0.099	-20.09	40.50	0.068	-23.35	65.00	0.090	-20.92	89.50	0.004	-47.96
1.25	0.992	-0.07	16.50	0.085	-21.41	41.00	0.054	-25.35	65.50	0.084	-21.51	90.00	0.000	---
1.50	0.998	-0.02	17.00	0.087	-21.21	41.50	0.040	-27.96	66.00	0.078	-22.16			
1.75	1.000	0.00	17.50	0.103	-19.74	42.00	0.028	-31.06	66.50	0.072	-22.85			
2.00	0.998	-0.02	18.00	0.123	-18.20	42.50	0.021	-33.56	67.00	0.065	-23.74			

