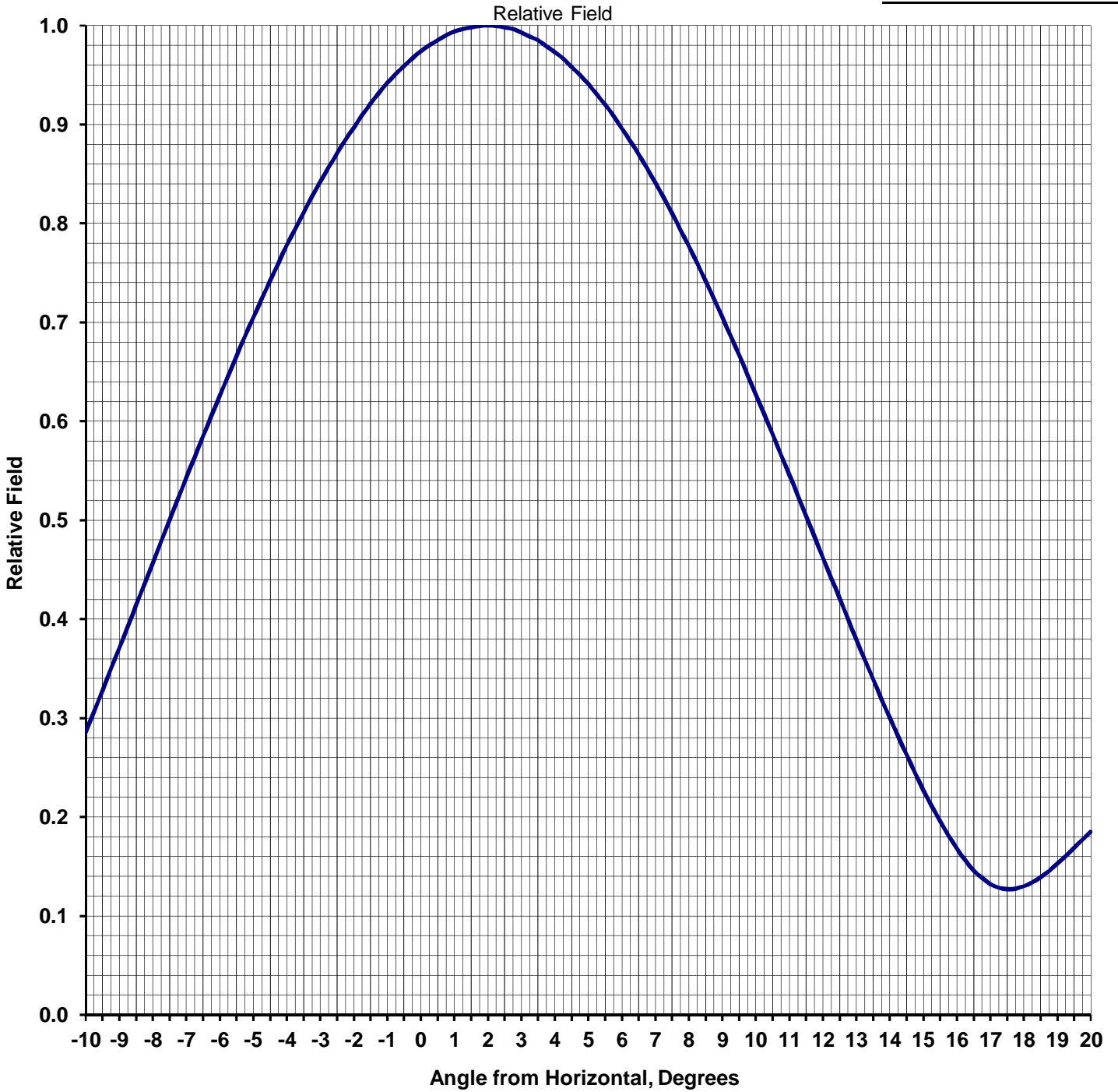


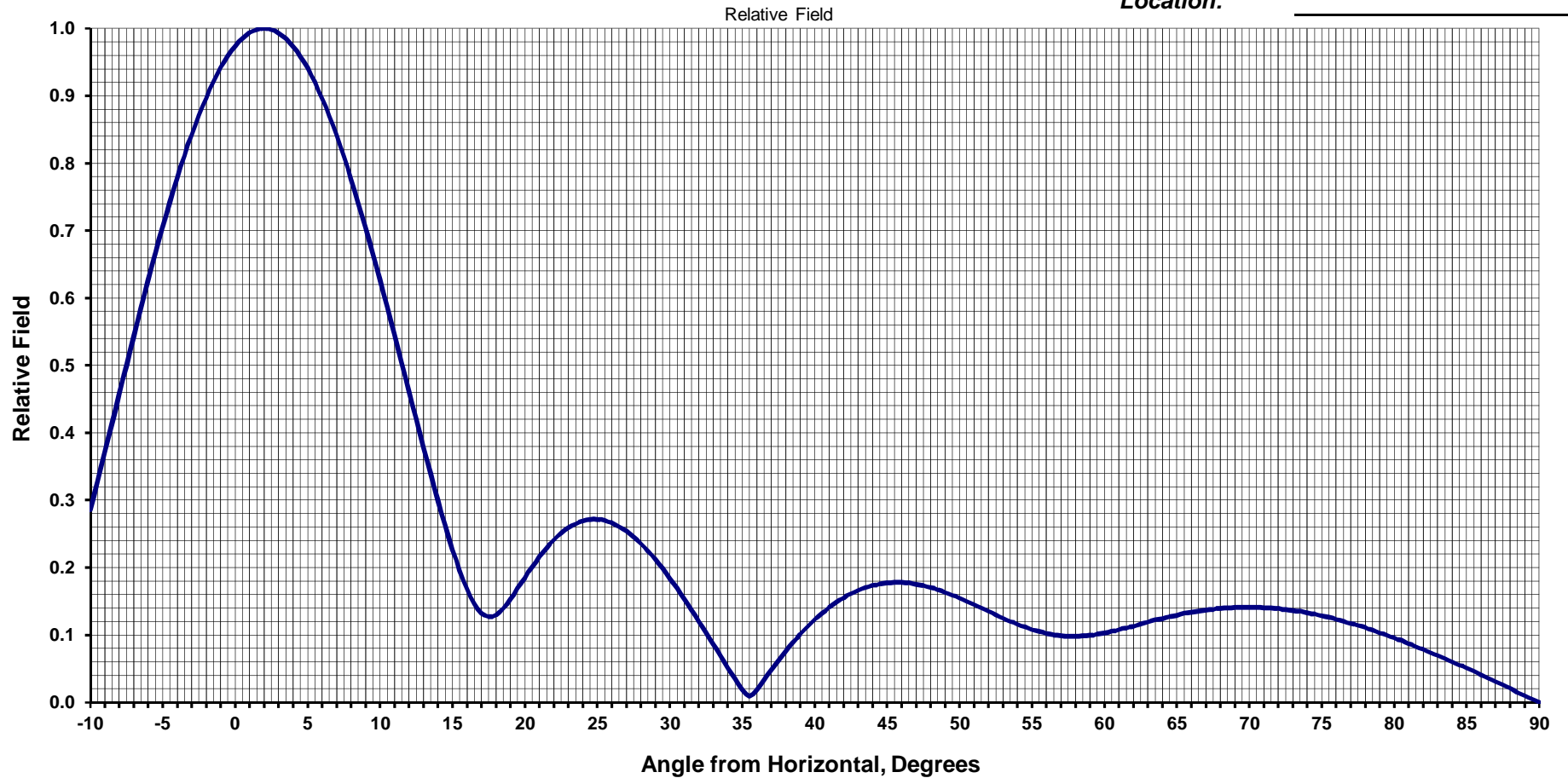
ELEVATION PATTERN

TYPE:	AL4L8	
Directivity:	Numeric	dBd
Main Lobe:	4.24	(6.27)
Horizontal:	4.02	(6.04)
Beam Tilt:	2.00 Degrees	
Polarization:	Horizontal/Vertical	
Channel:		
Location:		



ELEVATION PATTERN

TYPE:	AL4L8	
Directivity:	Numeric	dBd
Main Lobe:	4.24	6.27
Horizontal:	4.02	(6.04)
Beam Tilt:	2.00 Degrees	
Polarization:	Horizontal/Vertical	
Frequency:		
Location:		



TABULATED DATA FOR ELEVATION PATTERN

TYPE: AL4L8

-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	0.286	-10.87	2.25	1.000	0.00	18.50	0.139	-17.14	43.00	0.166	-15.60	67.50	0.138	-17.20
-9.75	0.307	-10.26	2.50	0.998	-0.02	19.00	0.153	-16.31	43.50	0.170	-15.39	68.00	0.139	-17.14
-9.50	0.328	-9.68	2.75	0.997	-0.03	19.50	0.169	-15.44	44.00	0.173	-15.24	68.50	0.140	-17.08
-9.25	0.350	-9.13	3.00	0.993	-0.06	20.00	0.185	-14.66	44.50	0.176	-15.09	69.00	0.141	-17.02
-9.00	0.371	-8.61	3.25	0.989	-0.10	20.50	0.201	-13.94	45.00	0.177	-15.04	69.50	0.141	-17.02
-8.75	0.392	-8.13	3.50	0.985	-0.13	21.00	0.216	-13.31	45.50	0.178	-14.99	70.00	0.141	-17.02
-8.50	0.414	-7.66	3.75	0.979	-0.18	21.50	0.229	-12.80	46.00	0.178	-14.99	70.50	0.141	-17.02
-8.25	0.436	-7.22	4.00	0.973	-0.24	22.00	0.241	-12.36	46.50	0.177	-15.04	71.00	0.140	-17.08
-8.00	0.457	-6.80	4.25	0.967	-0.30	22.50	0.251	-12.01	47.00	0.175	-15.14	71.50	0.140	-17.08
-7.75	0.479	-6.40	4.50	0.958	-0.37	23.00	0.259	-11.73	47.50	0.173	-15.24	72.00	0.139	-17.14
-7.50	0.500	-6.02	4.75	0.950	-0.45	23.50	0.265	-11.54	48.00	0.170	-15.39	72.50	0.138	-17.20
-7.25	0.522	-5.65	5.00	0.941	-0.53	24.00	0.269	-11.40	48.50	0.167	-15.55	73.00	0.136	-17.33
-7.00	0.543	-5.30	5.25	0.931	-0.63	24.50	0.271	-11.34	49.00	0.163	-15.76	73.50	0.135	-17.39
-6.75	0.564	-4.97	5.50	0.920	-0.72	25.00	0.271	-11.34	49.50	0.159	-15.97	74.00	0.133	-17.52
-6.50	0.585	-4.66	5.75	0.909	-0.83	25.50	0.270	-11.37	50.00	0.155	-16.19	74.50	0.131	-17.65
-6.25	0.606	-4.36	6.00	0.896	-0.95	26.00	0.266	-11.50	50.50	0.150	-16.48	75.00	0.128	-17.86
-6.00	0.626	-4.07	6.25	0.884	-1.08	26.50	0.261	-11.67	51.00	0.145	-16.77	75.50	0.126	-17.99
-5.75	0.646	-3.80	6.50	0.870	-1.21	27.00	0.254	-11.90	51.50	0.140	-17.08	76.00	0.123	-18.20
-5.50	0.666	-3.53	6.75	0.856	-1.35	27.50	0.245	-12.22	52.00	0.135	-17.39	76.50	0.120	-18.42
-5.25	0.686	-3.27	7.00	0.841	-1.50	28.00	0.236	-12.54	52.50	0.130	-17.72	77.00	0.117	-18.64
-5.00	0.705	-3.04	7.25	0.826	-1.66	28.50	0.224	-13.00	53.00	0.125	-18.06	77.50	0.114	-18.86
-4.75	0.724	-2.81	7.50	0.810	-1.83	29.00	0.212	-13.47	53.50	0.120	-18.42	78.00	0.111	-19.09
-4.50	0.742	-2.59	7.75	0.794	-2.01	29.50	0.199	-14.02	54.00	0.116	-18.71	78.50	0.107	-19.41
-4.25	0.760	-2.38	8.00	0.777	-2.19	30.00	0.184	-14.70	54.50	0.112	-19.02	79.00	0.103	-19.74
-4.00	0.778	-2.18	8.25	0.760	-2.39	30.50	0.169	-15.44	55.00	0.108	-19.33	79.50	0.100	-20.00
-3.75	0.795	-2.00	8.50	0.742	-2.59	31.00	0.153	-16.31	55.50	0.105	-19.58	80.00	0.096	-20.35
-3.50	0.811	-1.82	8.75	0.724	-2.81	31.50	0.137	-17.27	56.00	0.102	-19.83	80.50	0.092	-20.72
-3.25	0.827	-1.65	9.00	0.705	-3.04	32.00	0.120	-18.42	56.50	0.100	-20.00	81.00	0.087	-21.21
-3.00	0.842	-1.49	9.25	0.686	-3.27	32.50	0.103	-19.74	57.00	0.099	-20.09	81.50	0.083	-21.62
-2.75	0.857	-1.34	9.50	0.667	-3.52	33.00	0.086	-21.31	57.50	0.098	-20.18	82.00	0.079	-22.05
-2.50	0.871	-1.20	9.75	0.647	-3.78	33.50	0.069	-23.22	58.00	0.098	-20.18	82.50	0.074	-22.62
-2.25	0.885	-1.07	10.00	0.627	-4.05	34.00	0.051	-25.85	58.50	0.099	-20.09	83.00	0.070	-23.10
-2.00	0.897	-0.94	10.25	0.607	-4.34	34.50	0.035	-29.12	59.00	0.100	-20.00	83.50	0.065	-23.74
-1.75	0.910	-0.82	10.50	0.587	-4.63	35.00	0.019	-34.42	59.50	0.101	-19.91	84.00	0.060	-24.44
-1.50	0.921	-0.71	11.00	0.546	-5.26	35.50	0.009	-40.92	60.00	0.103	-19.74	84.50	0.06	-25.19
-1.25	0.932	-0.61	11.50	0.504	-5.95	36.00	0.019	-34.42	60.50	0.105	-19.58	85.00	0.05	-25.85
-1.00	0.942	-0.52	12.00	0.462	-6.71	36.50	0.033	-29.63	61.00	0.108	-19.33	85.50	0.05	-26.74
-0.75	0.951	-0.44	12.50	0.421	-7.51	37.00	0.048	-26.38	61.50	0.110	-19.17	86.00	0.04	-27.74
-0.50	0.959	-0.36	13.00	0.379	-8.43	37.50	0.062	-24.15	62.00	0.113	-18.94	86.50	0.04	-28.87
-0.25	0.967	-0.29	13.50	0.339	-9.40	38.00	0.076	-22.38	62.50	0.116	-18.71	87.00	0.03	-30.17
0.00	0.974	-0.23	14.00	0.300	-10.46	38.50	0.089	-21.01	63.00	0.119	-18.49	87.50	0.03	-31.70
0.25	0.980	-0.18	14.50	0.263	-11.60	39.00	0.101	-19.91	63.50	0.122	-18.27	88.00	0.02	-33.56
0.50	0.985	-0.13	15.00	0.227	-12.88	39.50	0.112	-19.02	64.00	0.124	-18.13	88.50	0.02	-36.48
0.75	0.990	-0.09	15.50	0.196	-14.15	40.00	0.123	-18.20	64.50	0.127	-17.92	89.00	0.01	-40.00
1.00	0.994	-0.05	16.00	0.168	-15.49	40.50	0.132	-17.59	65.00	0.129	-17.79	89.50	0.01	-46.02
1.25	0.997	-0.03	16.50	0.146	-16.71	41.00	0.141	-17.02	65.50	0.132	-17.59	90.00	0.00	---
1.50	0.998	-0.02	17.00	0.132	-17.59	41.50	0.149	-16.54	66.00	0.134	-17.46			
1.75	1.000	0.00	17.50	0.127	-17.92	42.00	0.155	-16.19	66.50	0.135	-17.39			
2.00	1.000	0.00	18.00	0.130	-17.72	42.50	0.161	-15.86	67.00	0.137	-17.27			

