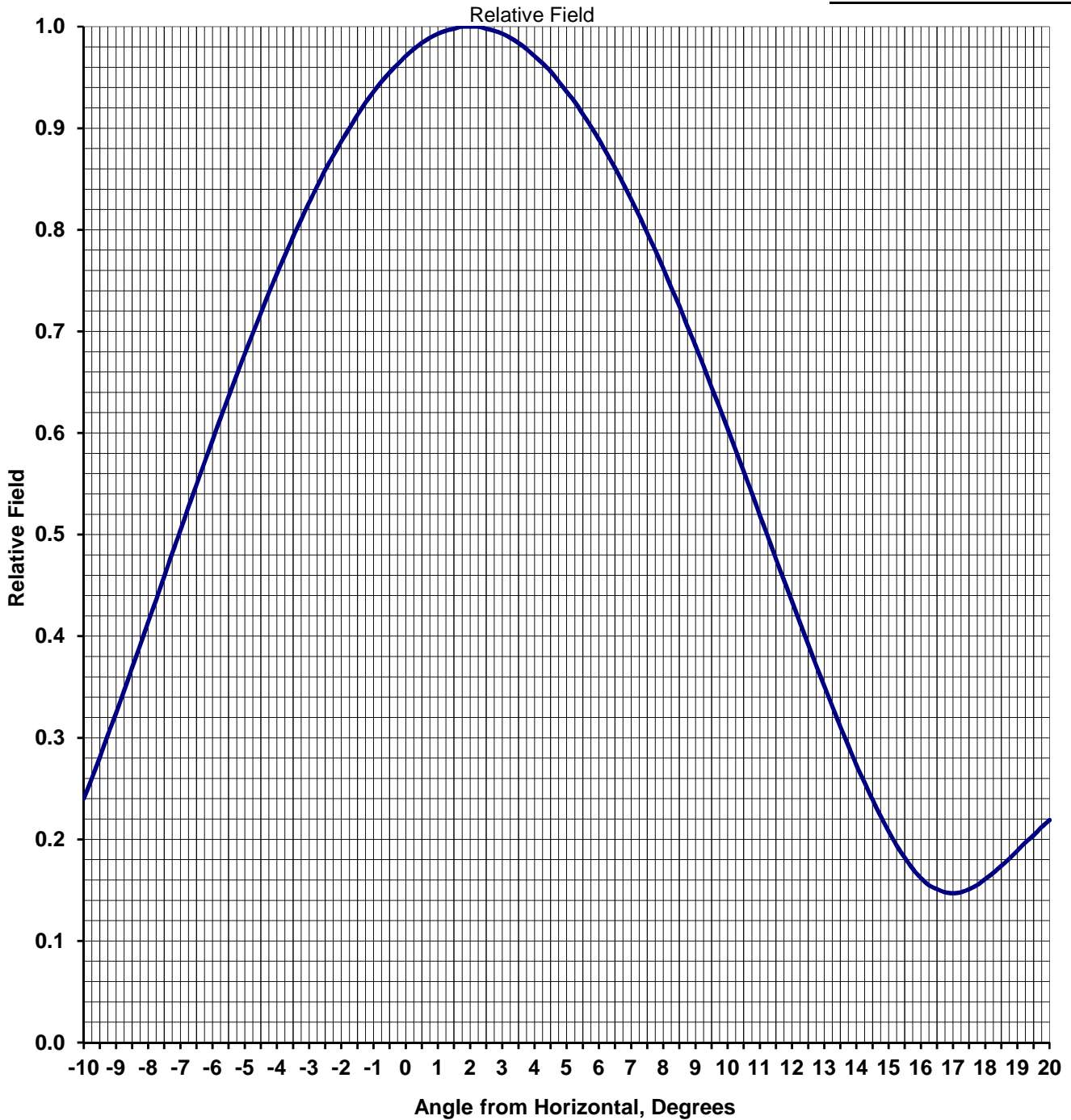


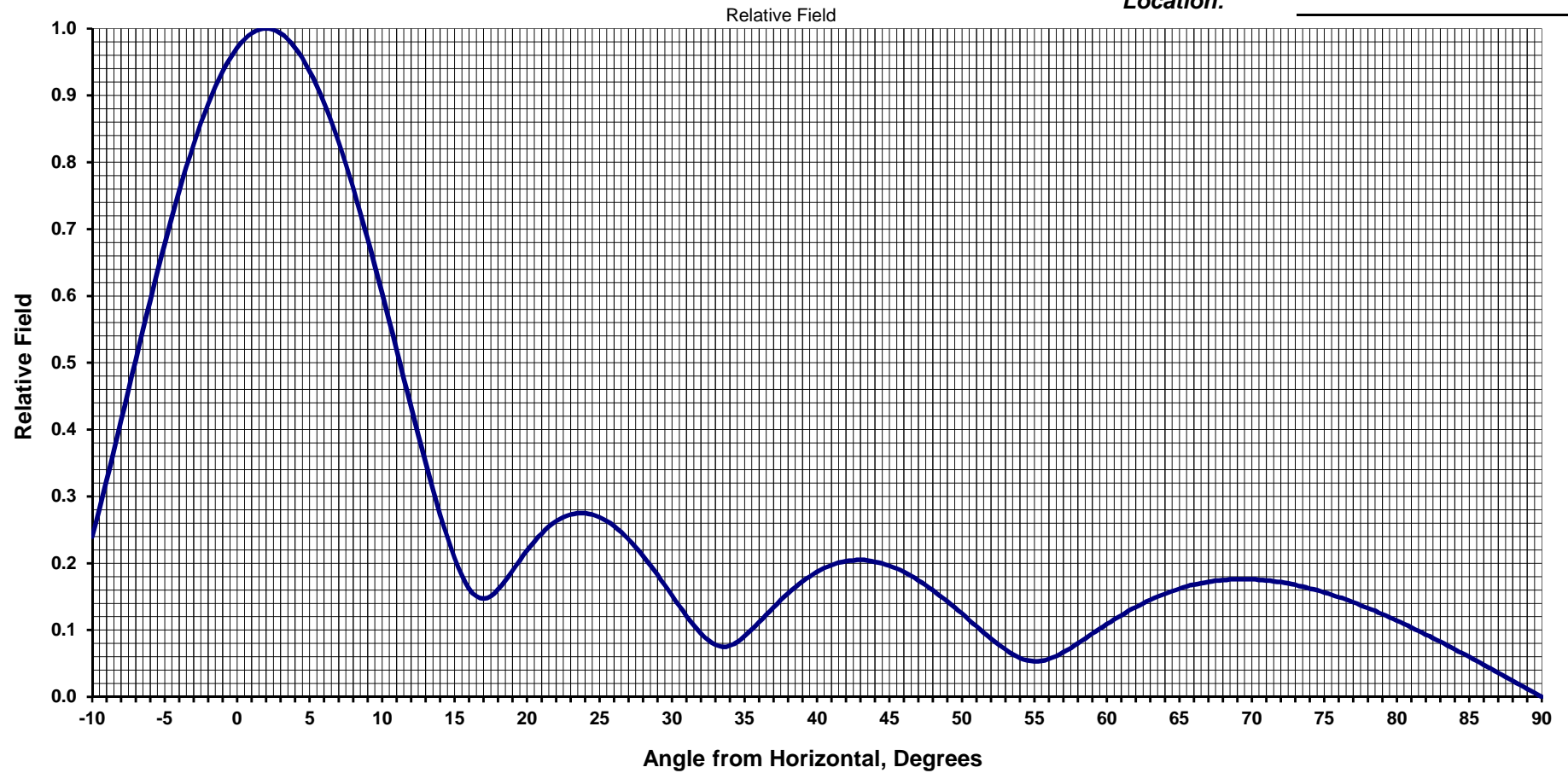
**ELEVATION PATTERN**

<b>TYPE:</b>	<b>LAL4L8H</b>	
<b>Directivity:</b>	<b>Numeric</b>	<b>dBd</b>
<b>Main Lobe:</b>	<b>4.22</b>	<b>(6.25)</b>
<b>Horizontal:</b>	<b>3.98</b>	<b>(6.00)</b>
<b>Beam Tilt:</b>	<b>2.00 Degrees</b>	
<b>Polarization:</b>	<b>Horizontal</b>	
<b>Channel:</b>		
<b>Location:</b>		



**ELEVATION PATTERN**

<b>TYPE:</b>	<b>LAL4L8H</b>	
<b>Directivity:</b>	<b>Numeric</b>	<b>dBd</b>
<b>Main Lobe:</b>	<b>4.22</b>	<b>6.25</b>
<b>Horizontal:</b>	<b>3.98</b>	<b>6.00</b>
<b>Beam Tilt:</b>	<b>2.00 Degrees</b>	
<b>Polarization:</b>	<b>Horizontal</b>	
<b>Frequency:</b>		
<b>Location:</b>		



7777 Gardner Road  
Chandler, IN 47610-9219  
USA



Your Single Source for Broadcast Solutions™

# TABULATED DATA FOR ELEVATION PATTERN

TYPE: LAL4L8H

-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	0.240	-12.40	2.25	1.000	0.00	18.50	0.174	-15.19	43.00	0.205	-13.76	67.50	0.174	-15.19
-9.75	0.260	-11.70	2.50	0.998	-0.02	19.00	0.189	-14.47	43.50	0.204	-13.81	68.00	0.175	-15.14
-9.50	0.281	-11.03	2.75	0.996	-0.03	19.50	0.204	-13.81	44.00	0.202	-13.89	68.50	0.176	-15.09
-9.25	0.303	-10.37	3.00	0.993	-0.06	20.00	0.219	-13.19	44.50	0.200	-13.98	69.00	0.176	-15.09
-9.00	0.324	-9.79	3.25	0.989	-0.10	20.50	0.232	-12.69	45.00	0.196	-14.15	69.50	0.176	-15.09
-8.75	0.346	-9.22	3.50	0.984	-0.14	21.00	0.244	-12.25	45.50	0.192	-14.33	70.00	0.176	-15.09
-8.50	0.369	-8.66	3.75	0.978	-0.19	21.50	0.255	-11.87	46.00	0.187	-14.56	70.50	0.175	-15.14
-8.25	0.391	-8.16	4.00	0.971	-0.26	22.00	0.263	-11.60	46.50	0.181	-14.85	71.00	0.174	-15.19
-8.00	0.414	-7.66	4.25	0.964	-0.32	22.50	0.269	-11.40	47.00	0.174	-15.19	71.50	0.173	-15.24
-7.75	0.436	-7.21	4.50	0.956	-0.39	23.00	0.273	-11.28	47.50	0.167	-15.55	72.00	0.172	-15.29
-7.50	0.459	-6.76	4.75	0.946	-0.48	23.50	0.275	-11.21	48.00	0.160	-15.92	72.50	0.170	-15.39
-7.25	0.482	-6.34	5.00	0.936	-0.57	24.00	0.275	-11.21	48.50	0.151	-16.42	73.00	0.168	-15.49
-7.00	0.504	-5.95	5.25	0.926	-0.67	24.50	0.273	-11.28	49.00	0.143	-16.89	73.50	0.165	-15.65
-6.75	0.527	-5.56	5.50	0.914	-0.78	25.00	0.269	-11.40	49.50	0.134	-17.46	74.00	0.162	-15.81
-6.50	0.549	-5.21	5.75	0.902	-0.90	25.50	0.263	-11.60	50.00	0.125	-18.06	74.50	0.160	-15.92
-6.25	0.571	-4.87	6.00	0.889	-1.02	26.00	0.256	-11.84	50.50	0.115	-18.79	75.00	0.156	-16.14
-6.00	0.593	-4.54	6.25	0.875	-1.16	26.50	0.247	-12.15	51.00	0.106	-19.49	75.50	0.153	-16.31
-5.75	0.615	-4.22	6.50	0.861	-1.30	27.00	0.236	-12.54	51.50	0.096	-20.35	76.00	0.149	-16.54
-5.50	0.636	-3.93	6.75	0.846	-1.45	27.50	0.224	-13.00	52.00	0.087	-21.21	76.50	0.146	-16.71
-5.25	0.657	-3.65	7.00	0.830	-1.62	28.00	0.211	-13.51	52.50	0.079	-22.05	77.00	0.142	-16.95
-5.00	0.678	-3.38	7.25	0.814	-1.79	28.50	0.197	-14.11	53.00	0.071	-22.97	77.50	0.137	-17.27
-4.75	0.698	-3.12	7.50	0.797	-1.97	29.00	0.183	-14.75	53.50	0.064	-23.88	78.00	0.133	-17.52
-4.50	0.718	-2.88	7.75	0.780	-2.16	29.50	0.167	-15.55	54.00	0.058	-24.73	78.50	0.129	-17.79
-4.25	0.738	-2.64	8.00	0.762	-2.36	30.00	0.152	-16.36	54.50	0.055	-25.19	79.00	0.124	-18.13
-4.00	0.757	-2.42	8.25	0.743	-2.58	30.50	0.136	-17.33	55.00	0.053	-25.51	79.50	0.119	-18.49
-3.75	0.775	-2.21	8.50	0.725	-2.79	31.00	0.121	-18.34	55.50	0.054	-25.35	80.00	0.114	-18.86
-3.50	0.793	-2.01	8.75	0.705	-3.04	31.50	0.107	-19.41	56.00	0.057	-24.88	80.50	0.109	-19.25
-3.25	0.810	-1.83	9.00	0.686	-3.27	32.00	0.095	-20.45	56.50	0.061	-24.29	81.00	0.104	-19.66
-3.00	0.827	-1.65	9.25	0.666	-3.53	32.50	0.085	-21.41	57.00	0.067	-23.48	81.50	0.099	-20.09
-2.75	0.843	-1.48	9.50	0.645	-3.81	33.00	0.078	-22.16	57.50	0.073	-22.73	82.00	0.093	-20.63
-2.50	0.859	-1.32	9.75	0.625	-4.08	33.50	0.075	-22.50	58.00	0.080	-21.94	82.50	0.088	-21.11
-2.25	0.873	-1.18	10.00	0.604	-4.38	34.00	0.077	-22.27	58.50	0.087	-21.21	83.00	0.083	-21.62
-2.00	0.887	-1.04	10.25	0.583	-4.69	34.50	0.082	-21.72	59.00	0.095	-20.45	83.50	0.077	-22.27
-1.75	0.900	-0.92	10.50	0.562	-5.01	35.00	0.091	-20.82	59.50	0.102	-19.83	84.00	0.071	-22.97
-1.50	0.913	-0.79	11.00	0.519	-5.70	35.50	0.101	-19.91	60.00	0.109	-19.25	84.50	0.07	-23.61
-1.25	0.925	-0.68	11.50	0.476	-6.45	36.00	0.112	-19.02	60.50	0.116	-18.71	85.00	0.06	-24.44
-1.00	0.936	-0.57	12.00	0.434	-7.25	36.50	0.123	-18.20	61.00	0.122	-18.27	85.50	0.05	-25.35
-0.75	0.946	-0.48	12.50	0.392	-8.13	37.00	0.134	-17.46	61.50	0.129	-17.79	86.00	0.05	-26.38
-0.50	0.955	-0.40	13.00	0.351	-9.09	37.50	0.145	-16.77	62.00	0.134	-17.46	86.50	0.04	-27.54
-0.25	0.963	-0.33	13.50	0.311	-10.14	38.00	0.155	-16.19	62.50	0.140	-17.08	87.00	0.04	-28.87
0.00	0.971	-0.26	14.00	0.273	-11.28	38.50	0.164	-15.70	63.00	0.145	-16.77	87.50	0.03	-30.46
0.25	0.978	-0.19	14.50	0.239	-12.43	39.00	0.173	-15.24	63.50	0.150	-16.48	88.00	0.02	-32.40
0.50	0.984	-0.14	15.00	0.208	-13.64	39.50	0.180	-14.89	64.00	0.154	-16.25	88.50	0.02	-34.89
0.75	0.989	-0.10	15.50	0.182	-14.80	40.00	0.187	-14.56	64.50	0.158	-16.03	89.00	0.01	-38.42
1.00	0.993	-0.06	16.00	0.162	-15.81	40.50	0.193	-14.29	65.00	0.162	-15.81	89.50	0.01	-44.44
1.25	0.996	-0.03	16.50	0.151	-16.42	41.00	0.197	-14.11	65.50	0.165	-15.65	90.00	0.00	---
1.50	0.998	-0.02	17.00	0.147	-16.65	41.50	0.201	-13.94	66.00	0.168	-15.49			
1.75	1.000	0.00	17.50	0.151	-16.42	42.00	0.203	-13.85	66.50	0.170	-15.39			
2.00	1.000	0.00	18.00	0.161	-15.86	42.50	0.204	-13.81	67.00	0.172	-15.29			

