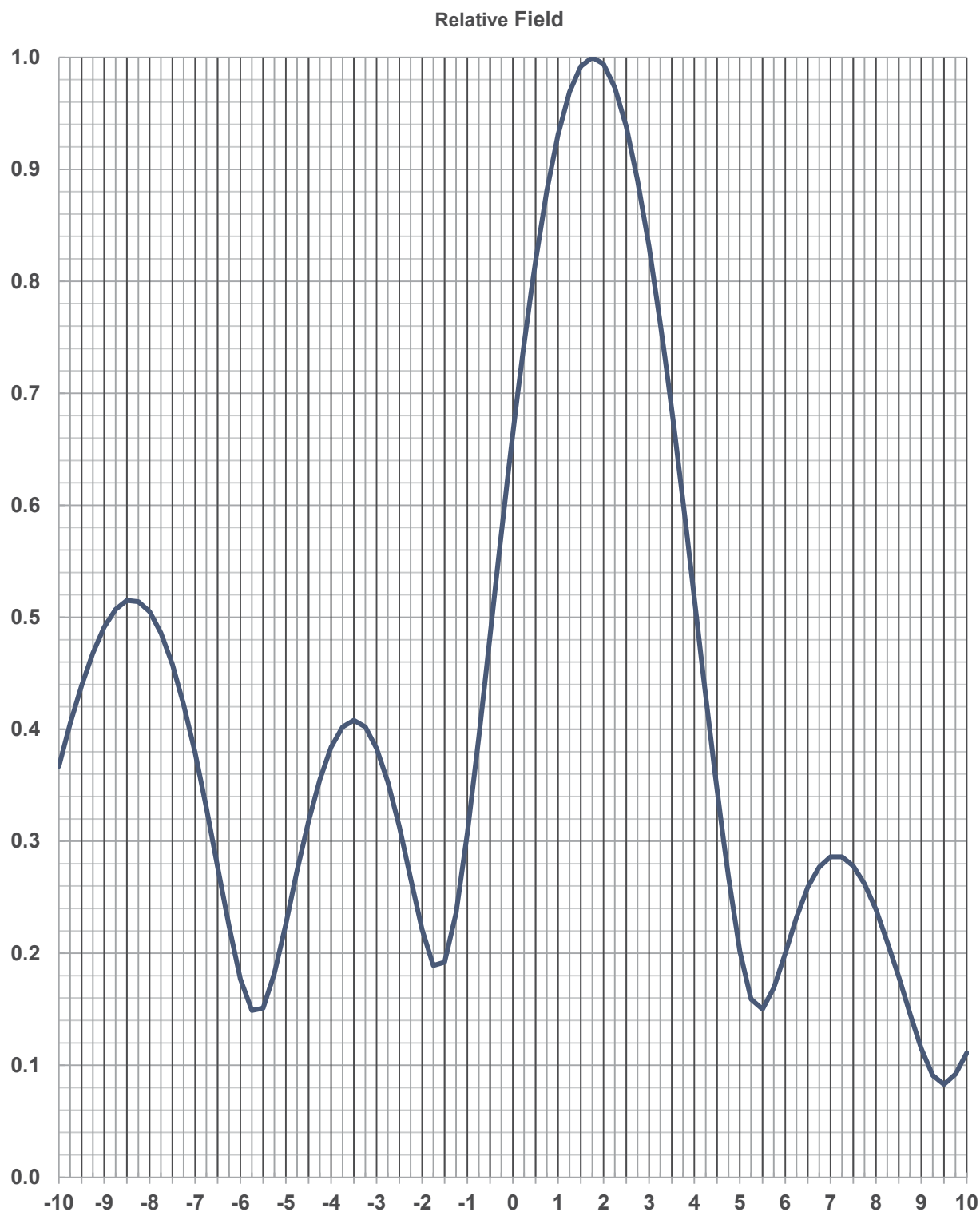


## Elevation Pattern

Type:	ALP12L7		Polarization:	Horizontal
Directivity:			Frequency:	27 (ATSC)
Main Lobe:	11.84 numeric	(10.73 dB)	Location:	Bald Mountain - Troy, NY
Horizontal:	5.20 numeric	(7.16 dB)	Beam Tilt:	1.75 degrees



**Tabulated Data for Elevation Pattern**

Type:

ALP12L7

-10 to 10 degrees in 0.25 degree increments.

10 to 90 degrees in 0.50 degree increments.

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
-10.00	0.367	-8.71	2.25	0.973	-0.24	19.00	0.098	-20.18	43.50	0.048	-26.38	68.00	0.059	-24.58
-9.75	0.405	-7.85	2.50	0.938	-0.56	19.50	0.092	-20.72	44.00	0.051	-25.85	68.50	0.052	-25.68
-9.50	0.439	-7.15	2.75	0.890	-1.01	20.00	0.076	-22.38	44.50	0.050	-26.02	69.00	0.049	-26.20
-9.25	0.468	-6.60	3.00	0.831	-1.61	20.50	0.054	-25.35	45.00	0.046	-26.74	69.50	0.052	-25.68
-9.00	0.491	-6.18	3.25	0.762	-2.36	21.00	0.048	-26.38	45.50	0.038	-28.40	70.00	0.060	-24.44
-8.75	0.507	-5.90	3.50	0.686	-3.27	21.50	0.073	-22.73	46.00	0.029	-30.75	70.50	0.070	-23.10
-8.50	0.515	-5.76	3.75	0.603	-4.39	22.00	0.111	-19.09	46.50	0.020	-33.98	71.00	0.082	-21.72
-8.25	0.514	-5.78	4.00	0.517	-5.73	22.50	0.149	-16.54	47.00	0.012	-38.42	71.50	0.094	-20.54
-8.00	0.505	-5.93	4.25	0.430	-7.33	23.00	0.179	-14.94	47.50	0.007	-43.10	72.00	0.105	-19.58
-7.75	0.486	-6.27	4.50	0.346	-9.22	23.50	0.200	-13.98	48.00	0.003	-50.46	72.50	0.115	-18.79
-7.50	0.458	-6.78	4.75	0.268	-11.44	24.00	0.208	-13.64	48.50	0.001	-60.00	73.00	0.125	-18.06
-7.25	0.422	-7.49	5.00	0.202	-13.89	24.50	0.204	-13.81	49.00	0.004	-47.96	73.50	0.133	-17.52
-7.00	0.379	-8.43	5.25	0.159	-15.97	25.00	0.188	-14.52	49.50	0.013	-37.72	74.00	0.140	-17.08
-6.75	0.330	-9.63	5.50	0.150	-16.48	25.50	0.164	-15.70	50.00	0.025	-32.04	74.50	0.145	-16.77
-6.50	0.277	-11.15	5.75	0.169	-15.44	26.00	0.134	-17.46	50.50	0.040	-27.96	75.00	0.150	-16.48
-6.25	0.224	-13.00	6.00	0.200	-13.98	26.50	0.101	-19.91	51.00	0.057	-24.88	75.50	0.153	-16.31
-6.00	0.177	-15.04	6.25	0.232	-12.69	27.00	0.070	-23.10	51.50	0.075	-22.50	76.00	0.155	-16.19
-5.75	0.149	-16.54	6.50	0.259	-11.73	27.50	0.043	-27.33	52.00	0.094	-20.54	76.50	0.155	-16.19
-5.50	0.151	-16.42	6.75	0.277	-11.15	28.00	0.022	-33.15	52.50	0.112	-19.02	77.00	0.155	-16.19
-5.25	0.182	-14.80	7.00	0.286	-10.87	28.50	0.011	-39.17	53.00	0.128	-17.86	77.50	0.154	-16.25
-5.00	0.226	-12.92	7.25	0.286	-10.87	29.00	0.009	-40.92	53.50	0.142	-16.95	78.00	0.152	-16.36
-4.75	0.274	-11.24	7.50	0.278	-11.12	29.50	0.006	-44.44	54.00	0.152	-16.36	78.50	0.149	-16.54
-4.50	0.318	-9.95	7.75	0.262	-11.63	30.00	0.000	---	54.50	0.158	-16.03	79.00	0.145	-16.77
-4.25	0.355	-9.00	8.00	0.239	-12.43	30.50	0.008	-41.94	55.00	0.160	-15.92	79.50	0.140	-17.08
-4.00	0.384	-8.31	8.25	0.210	-13.56	31.00	0.017	-35.39	55.50	0.158	-16.03	80.00	0.135	-17.39
-3.75	0.402	-7.92	8.50	0.179	-14.94	31.50	0.024	-32.40	56.00	0.151	-16.42	80.50	0.130	-17.72
-3.50	0.408	-7.79	8.75	0.146	-16.71	32.00	0.027	-31.37	56.50	0.140	-17.08	81.00	0.124	-18.13
-3.25	0.402	-7.92	9.00	0.115	-18.79	32.50	0.025	-32.04	57.00	0.126	-17.99	81.50	0.118	-18.56
-3.00	0.383	-8.34	9.25	0.091	-20.82	33.00	0.021	-33.56	57.50	0.110	-19.17	82.00	0.112	-19.02
-2.75	0.353	-9.04	9.50	0.083	-21.62	33.50	0.024	-32.40	58.00	0.091	-20.82	82.50	0.105	-19.58
-2.50	0.313	-10.09	9.75	0.092	-20.72	34.00	0.040	-27.96	58.50	0.073	-22.73	83.00	0.098	-20.18
-2.25	0.267	-11.47	10.00	0.111	-19.09	34.50	0.065	-23.74	59.00	0.057	-24.88	83.50	0.091	-20.82
-2.00	0.221	-13.11	10.50	0.155	-16.19	35.00	0.093	-20.63	59.50	0.048	-26.38	84.00	0.084	-21.51
-1.75	0.189	-14.47	11.00	0.185	-14.66	35.50	0.121	-18.34	60.00	0.050	-26.02	84.50	0.077	-22.27
-1.50	0.192	-14.33	11.50	0.195	-14.20	36.00	0.147	-16.65	60.50	0.060	-24.44	85.00	0.070	-23.10
-1.25	0.236	-12.54	12.00	0.184	-14.70	36.50	0.169	-15.44	61.00	0.074	-22.62	85.50	0.063	-24.01
-1.00	0.307	-10.26	12.50	0.157	-16.08	37.00	0.185	-14.66	61.50	0.088	-21.11	86.00	0.056	-25.04
-0.75	0.393	-8.11	13.00	0.118	-18.56	37.50	0.194	-14.24	62.00	0.100	-20.00	86.50	0.049	-26.20
-0.50	0.484	-6.30	13.50	0.074	-22.62	38.00	0.194	-14.24	62.50	0.111	-19.09	87.00	0.042	-27.54
-0.25	0.575	-4.81	14.00	0.033	-29.63	38.50	0.186	-14.61	63.00	0.118	-18.56	87.50	0.035	-29.12
0.00	0.663	-3.57	14.50	0.001	-60.00	39.00	0.171	-15.34	63.50	0.123	-18.20	88.00	0.028	-31.06
0.25	0.745	-2.56	15.00	0.024	-32.40	39.50	0.150	-16.48	64.00	0.124	-18.13	88.50	0.021	-33.56
0.50	0.818	-1.74	15.50	0.033	-29.63	40.00	0.125	-18.06	64.50	0.123	-18.20	89.00	0.014	-37.08
0.75	0.881	-1.10	16.00	0.031	-30.17	40.50	0.097	-20.26	65.00	0.119	-18.49	89.50	0.007	-43.10
1.00	0.931	-0.62	16.50	0.025	-32.04	41.00	0.070	-23.10	65.50	0.112	-19.02	90.00	0.000	---
1.25	0.969	-0.27	17.00	0.033	-29.63	41.50	0.047	-26.56	66.00	0.103	-19.74			
1.50	0.992	-0.07	17.50	0.054	-25.35	42.00	0.032	-29.90	66.50	0.092	-20.72			
1.75	1.000	0.00	18.00	0.076	-22.38	42.50	0.032	-29.90	67.00	0.081	-21.83			
2.00	0.994	-0.05	18.50	0.092	-20.72	43.00	0.041	-27.74	67.50	0.070	-23.10			