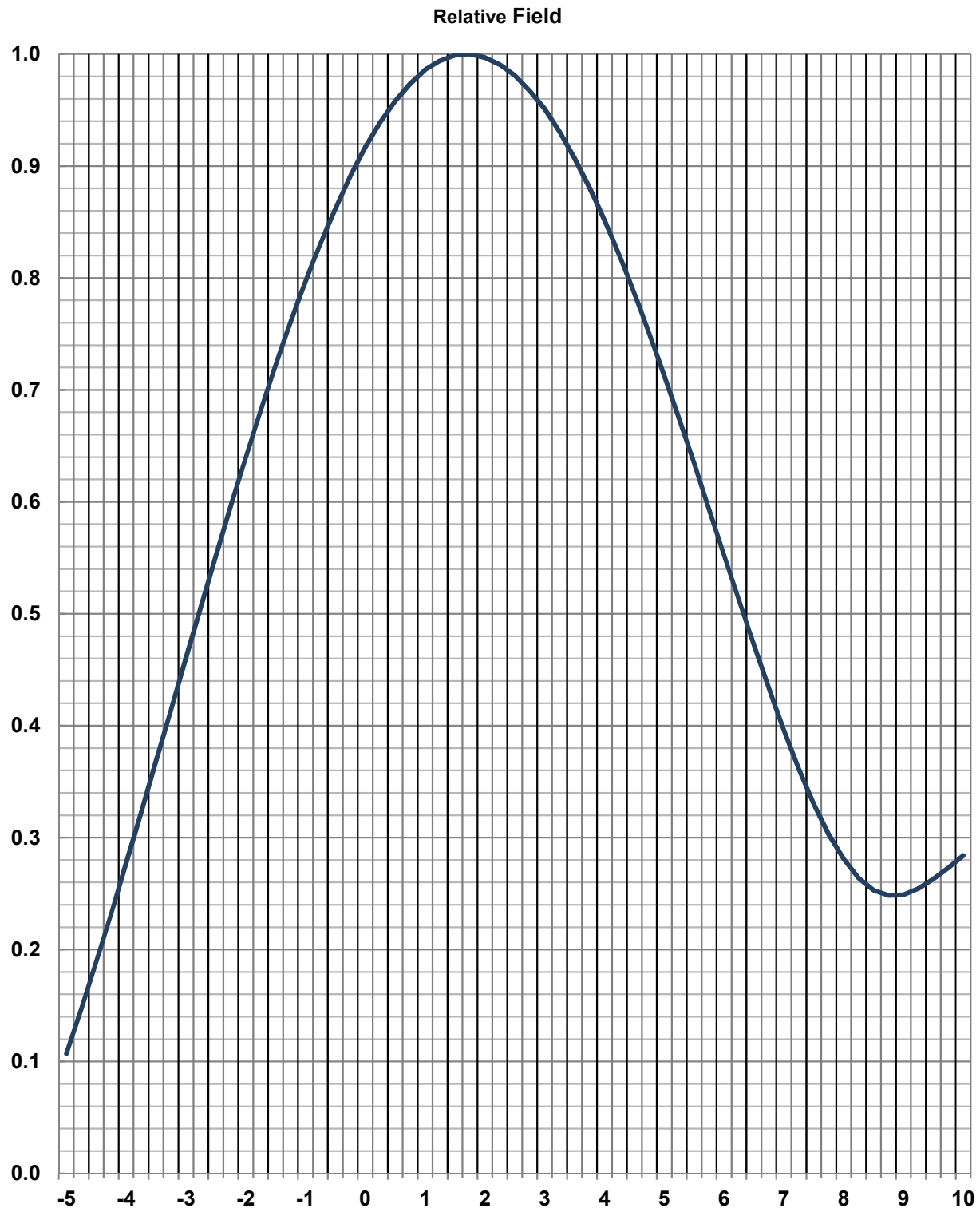


## Elevation Pattern

Type:	AL8L7-H		Polarization:	Horizontal
Directivity:			Frequency:	28 (ATSC)
Main Lobe:	8.68 numeric	(9.39 dB)	Location:	Flagstaff, AZ
Horizontal:	7.30 numeric	(8.63 dB)	Beam Tilt:	1.75 degrees



**Tabulated Data for Elevation Pattern**Type: AL8L7-H

-5 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
-5.00	0.107	-19.41	7.25	0.362	-8.84	29.00	0.124	-18.13	53.50	0.059	-24.58	78.00	0.051	-25.85
-4.75	0.147	-16.65	7.50	0.330	-9.63	29.50	0.123	-18.20	54.00	0.047	-26.56	78.50	0.051	-25.85
-4.50	0.189	-14.47	7.75	0.303	-10.37	30.00	0.118	-18.56	54.50	0.034	-29.37	79.00	0.051	-25.85
-4.25	0.232	-12.69	8.00	0.281	-11.03	30.50	0.109	-19.25	55.00	0.022	-33.15	79.50	0.051	-25.85
-4.00	0.277	-11.15	8.25	0.264	-11.57	31.00	0.098	-20.18	55.50	0.011	-39.17	80.00	0.050	-26.02
-3.75	0.322	-9.84	8.50	0.253	-11.94	31.50	0.084	-21.51	56.00	0.007	-43.10	80.50	0.049	-26.20
-3.50	0.368	-8.68	8.75	0.249	-12.09	32.00	0.068	-23.35	56.50	0.016	-35.92	81.00	0.048	-26.38
-3.25	0.414	-7.67	9.00	0.249	-12.08	32.50	0.050	-26.02	57.00	0.027	-31.37	81.50	0.047	-26.56
-3.00	0.460	-6.74	9.25	0.255	-11.89	33.00	0.032	-29.90	57.50	0.037	-28.64	82.00	0.045	-26.94
-2.75	0.506	-5.92	9.50	0.263	-11.60	33.50	0.016	-35.92	58.00	0.047	-26.56	82.50	0.043	-27.33
-2.50	0.551	-5.18	9.75	0.273	-11.28	34.00	0.013	-37.72	58.50	0.056	-25.04	83.00	0.041	-27.74
-2.25	0.596	-4.50	10.00	0.284	-10.93	34.50	0.028	-31.06	59.00	0.064	-23.88	83.50	0.039	-28.18
-2.00	0.639	-3.89	10.50	0.307	-10.26	35.00	0.043	-27.33	59.50	0.071	-22.97	84.00	0.037	-28.64
-1.75	0.682	-3.33	11.00	0.325	-9.76	35.50	0.057	-24.88	60.00	0.077	-22.27	84.50	0.034	-29.37
-1.50	0.722	-2.83	11.50	0.336	-9.47	36.00	0.070	-23.10	60.50	0.082	-21.72	85.00	0.032	-29.90
-1.25	0.761	-2.38	12.00	0.340	-9.37	36.50	0.080	-21.94	61.00	0.086	-21.31	85.50	0.029	-30.75
-1.00	0.797	-1.97	12.50	0.334	-9.53	37.00	0.087	-21.21	61.50	0.089	-21.01	86.00	0.026	-31.70
-0.75	0.831	-1.61	13.00	0.321	-9.87	37.50	0.092	-20.72	62.00	0.091	-20.82	86.50	0.023	-32.77
-0.50	0.862	-1.29	13.50	0.300	-10.46	38.00	0.094	-20.54	62.50	0.093	-20.63	87.00	0.020	-33.98
-0.25	0.891	-1.00	14.00	0.273	-11.28	38.50	0.093	-20.63	63.00	0.093	-20.63	87.50	0.017	-35.39
0.00	0.917	-0.75	14.50	0.242	-12.32	39.00	0.089	-21.01	63.50	0.093	-20.63	88.00	0.013	-37.72
0.25	0.939	-0.55	15.00	0.208	-13.64	39.50	0.082	-21.72	64.00	0.092	-20.72	88.50	0.010	-40.00
0.50	0.958	-0.37	15.50	0.175	-15.14	40.00	0.073	-22.73	64.50	0.090	-20.92	89.00	0.007	-43.10
0.75	0.974	-0.23	16.00	0.145	-16.77	40.50	0.063	-24.01	65.00	0.088	-21.11	89.50	0.003	-50.46
1.00	0.986	-0.12	16.50	0.123	-18.20	41.00	0.050	-26.02	65.50	0.086	-21.31	90.00	0.000	---
1.25	0.994	-0.05	17.00	0.114	-18.86	41.50	0.036	-28.87	66.00	0.082	-21.72			
1.50	0.999	-0.01	17.50	0.118	-18.56	42.00	0.021	-33.56	66.50	0.079	-22.05			
1.75	1.000	0.00	18.00	0.130	-17.72	42.50	0.006	-44.44	67.00	0.075	-22.50			
2.00	0.997	-0.03	18.50	0.147	-16.65	43.00	0.012	-38.42	67.50	0.072	-22.85			
2.25	0.991	-0.08	19.00	0.162	-15.81	43.50	0.028	-31.06	68.00	0.068	-23.35			
2.50	0.981	-0.17	19.50	0.173	-15.24	44.00	0.044	-27.13	68.50	0.064	-23.88			
2.75	0.967	-0.29	20.00	0.180	-14.89	44.50	0.059	-24.58	69.00	0.060	-24.44			
3.00	0.951	-0.44	20.50	0.182	-14.80	45.00	0.073	-22.73	69.50	0.057	-24.88			
3.25	0.931	-0.63	21.00	0.178	-14.99	45.50	0.086	-21.31	70.00	0.054	-25.35			
3.50	0.907	-0.85	21.50	0.169	-15.44	46.00	0.097	-20.26	70.50	0.051	-25.85			
3.75	0.881	-1.11	22.00	0.156	-16.14	46.50	0.107	-19.41	71.00	0.049	-26.20			
4.00	0.852	-1.39	22.50	0.138	-17.20	47.00	0.115	-18.79	71.50	0.048	-26.38			
4.25	0.820	-1.72	23.00	0.117	-18.64	47.50	0.121	-18.34	72.00	0.046	-26.74			
4.50	0.786	-2.09	23.50	0.093	-20.63	48.00	0.125	-18.06	72.50	0.046	-26.74			
4.75	0.751	-2.49	24.00	0.069	-23.22	48.50	0.127	-17.92	73.00	0.046	-26.74			
5.00	0.713	-2.94	24.50	0.047	-26.56	49.00	0.127	-17.92	73.50	0.046	-26.74			
5.25	0.674	-3.43	25.00	0.033	-29.63	49.50	0.125	-18.06	74.00	0.046	-26.74			
5.50	0.634	-3.96	25.50	0.037	-28.64	50.00	0.122	-18.27	74.50	0.047	-26.56			
5.75	0.593	-4.54	26.00	0.054	-25.35	50.50	0.116	-18.71	75.00	0.048	-26.38			
6.00	0.552	-5.16	26.50	0.072	-22.85	51.00	0.110	-19.17	75.50	0.049	-26.20			
6.25	0.512	-5.81	27.00	0.089	-21.01	51.50	0.101	-19.91	76.00	0.049	-26.20			
6.50	0.472	-6.52	27.50	0.104	-19.66	52.00	0.092	-20.72	76.50	0.050	-26.02			
6.75	0.433	-7.27	28.00	0.114	-18.86	52.50	0.082	-21.72	77.00	0.051	-25.85			
7.00	0.396	-8.05	28.50	0.121	-18.34	53.00	0.071	-22.97	77.50	0.051	-25.85			