

Elevation Pattern

Type: ETU-6U8-V

Polarization: Vertical

Directivity:

Frequency: 17 (ATSC)

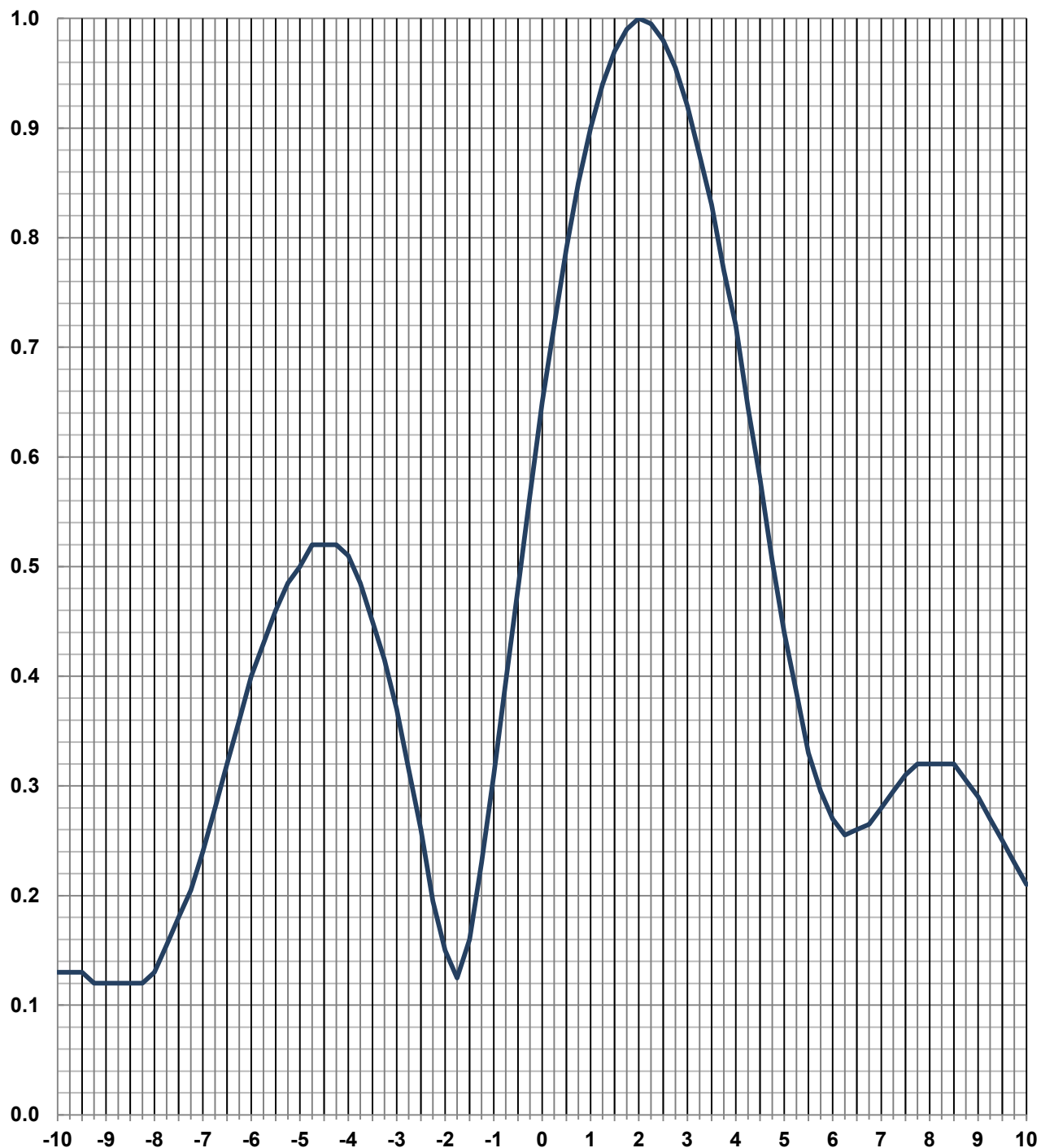
Main Lobe: 10.68 numeric (10.29 dB)

Location: Opelika, AL

Horizontal: 4.51 numeric (6.54 dB)

Beam Tilt: 2.00 degrees

Relative Field



Tabulated Data for Elevation Pattern

Type:

ETU-6U8-V

-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
-10.00	0.130	-17.72	2.25	0.995	-0.04	19.00	0.070	-23.10	43.50	0.060	-24.44	68.00	0.040	-27.96
-9.75	0.130	-17.72	2.50	0.980	-0.18	19.50	0.080	-21.94	44.00	0.070	-23.10	68.50	0.050	-26.02
-9.50	0.130	-17.72	2.75	0.955	-0.40	20.00	0.100	-20.00	44.50	0.070	-23.10	69.00	0.050	-26.02
-9.25	0.120	-18.42	3.00	0.920	-0.72	20.50	0.130	-17.72	45.00	0.070	-23.10	69.50	0.060	-24.44
-9.00	0.120	-18.42	3.25	0.875	-1.16	21.00	0.160	-15.92	45.50	0.070	-23.10	70.00	0.060	-24.44
-8.75	0.120	-18.42	3.50	0.830	-1.62	21.50	0.180	-14.89	46.00	0.060	-24.44	70.50	0.060	-24.44
-8.50	0.120	-18.42	3.75	0.770	-2.27	22.00	0.210	-13.56	46.50	0.060	-24.44	71.00	0.070	-23.10
-8.25	0.120	-18.42	4.00	0.720	-2.85	22.50	0.210	-13.56	47.00	0.050	-26.02	71.50	0.070	-23.10
-8.00	0.130	-17.72	4.25	0.645	-3.81	23.00	0.190	-14.42	47.50	0.040	-27.96	72.00	0.070	-23.10
-7.75	0.155	-16.19	4.50	0.580	-4.73	23.50	0.180	-14.89	48.00	0.040	-27.96	72.50	0.070	-23.10
-7.50	0.180	-14.89	4.75	0.505	-5.93	24.00	0.150	-16.48	48.50	0.040	-27.96	73.00	0.070	-23.10
-7.25	0.205	-13.76	5.00	0.440	-7.13	24.50	0.120	-18.42	49.00	0.030	-30.46	73.50	0.070	-23.10
-7.00	0.240	-12.40	5.25	0.385	-8.29	25.00	0.090	-20.92	49.50	0.030	-30.46	74.00	0.070	-23.10
-6.75	0.280	-11.06	5.50	0.330	-9.63	25.50	0.060	-24.44	50.00	0.030	-30.46	74.50	0.070	-23.10
-6.50	0.320	-9.90	5.75	0.295	-10.60	26.00	0.030	-30.46	50.50	0.030	-30.46	75.00	0.070	-23.10
-6.25	0.360	-8.87	6.00	0.270	-11.37	26.50	0.050	-26.02	51.00	0.030	-30.46	75.50	0.070	-23.10
-6.00	0.400	-7.96	6.25	0.255	-11.87	27.00	0.080	-21.94	51.50	0.030	-30.46	76.00	0.070	-23.10
-5.75	0.430	-7.33	6.50	0.260	-11.70	27.50	0.110	-19.17	52.00	0.020	-33.98	76.50	0.070	-23.10
-5.50	0.460	-6.74	6.75	0.265	-11.54	28.00	0.130	-17.72	52.50	0.020	-33.98	77.00	0.070	-23.10
-5.25	0.485	-6.29	7.00	0.280	-11.06	28.50	0.150	-16.48	53.00	0.030	-30.46	77.50	0.070	-23.10
-5.00	0.500	-6.02	7.25	0.295	-10.60	29.00	0.170	-15.39	53.50	0.030	-30.46	78.00	0.070	-23.10
-4.75	0.520	-5.68	7.50	0.310	-10.17	29.50	0.170	-15.39	54.00	0.030	-30.46	78.50	0.070	-23.10
-4.50	0.520	-5.68	7.75	0.320	-9.90	30.00	0.160	-15.92	54.50	0.040	-27.96	79.00	0.060	-24.44
-4.25	0.520	-5.68	8.00	0.320	-9.90	30.50	0.160	-15.92	55.00	0.050	-26.02	79.50	0.060	-24.44
-4.00	0.510	-5.85	8.25	0.320	-9.90	31.00	0.160	-15.92	55.50	0.050	-26.02	80.00	0.060	-24.44
-3.75	0.485	-6.29	8.50	0.320	-9.90	31.50	0.140	-17.08	56.00	0.060	-24.44	80.50	0.060	-24.44
-3.50	0.450	-6.94	8.75	0.305	-10.31	32.00	0.120	-18.42	56.50	0.070	-23.10	81.00	0.060	-24.44
-3.25	0.415	-7.64	9.00	0.290	-10.75	32.50	0.110	-19.17	57.00	0.070	-23.10	81.50	0.060	-24.44
-3.00	0.370	-8.64	9.25	0.270	-11.37	33.00	0.090	-20.92	57.50	0.080	-21.94	82.00	0.060	-24.44
-2.75	0.315	-10.03	9.50	0.250	-12.04	33.50	0.080	-21.94	58.00	0.080	-21.94	82.50	0.050	-26.02
-2.50	0.260	-11.70	9.75	0.230	-12.77	34.00	0.060	-24.44	58.50	0.080	-21.94	83.00	0.050	-26.02
-2.25	0.195	-14.20	10.00	0.210	-13.56	34.50	0.050	-26.02	59.00	0.080	-21.94	83.50	0.050	-26.02
-2.00	0.150	-16.48	10.50	0.190	-14.42	35.00	0.040	-27.96	59.50	0.080	-21.94	84.00	0.050	-26.02
-1.75	0.125	-18.06	11.00	0.180	-14.89	35.50	0.040	-27.96	60.00	0.080	-21.94	84.50	0.050	-26.02
-1.50	0.160	-15.92	11.50	0.210	-13.56	36.00	0.040	-27.96	60.50	0.070	-23.10	85.00	0.050	-26.02
-1.25	0.230	-12.77	12.00	0.240	-12.40	36.50	0.050	-26.02	61.00	0.070	-23.10	85.50	0.040	-27.96
-1.00	0.310	-10.17	12.50	0.260	-11.70	37.00	0.050	-26.02	61.50	0.060	-24.44	86.00	0.040	-27.96
-0.75	0.395	-8.07	13.00	0.260	-11.70	37.50	0.060	-24.44	62.00	0.060	-24.44	86.50	0.040	-27.96
-0.50	0.480	-6.38	13.50	0.260	-11.70	38.00	0.060	-24.44	62.50	0.050	-26.02	87.00	0.040	-27.96
-0.25	0.565	-4.96	14.00	0.250	-12.04	38.50	0.060	-24.44	63.00	0.040	-27.96	87.50	0.040	-27.96
0.00	0.650	-3.74	14.50	0.220	-13.15	39.00	0.050	-26.02	63.50	0.040	-27.96	88.00	0.040	-27.96
0.25	0.720	-2.85	15.00	0.180	-14.89	39.50	0.050	-26.02	64.00	0.030	-30.46	88.50	0.030	-30.46
0.50	0.790	-2.05	15.50	0.150	-16.48	40.00	0.040	-27.96	64.50	0.020	-33.98	89.00	0.030	-30.46
0.75	0.850	-1.41	16.00	0.130	-17.72	40.50	0.040	-27.96	65.00	0.020	-33.98	89.50	0.030	-30.46
1.00	0.900	-0.92	16.50	0.110	-19.17	41.00	0.040	-27.96	65.50	0.010	-40.00	90.00	0.030	-30.46
1.25	0.940	-0.54	17.00	0.090	-20.92	41.50	0.040	-27.96	66.00	0.020	-33.98			
1.50	0.970	-0.26	17.50	0.090	-20.92	42.00	0.050	-26.02	66.50	0.020	-33.98			
1.75	0.990	-0.09	18.00	0.080	-21.94	42.50	0.050	-26.02	67.00	0.030	-30.46			
2.00	1.000	0.00	18.50	0.070	-23.10	43.00	0.060	-24.44	67.50	0.040	-27.96			