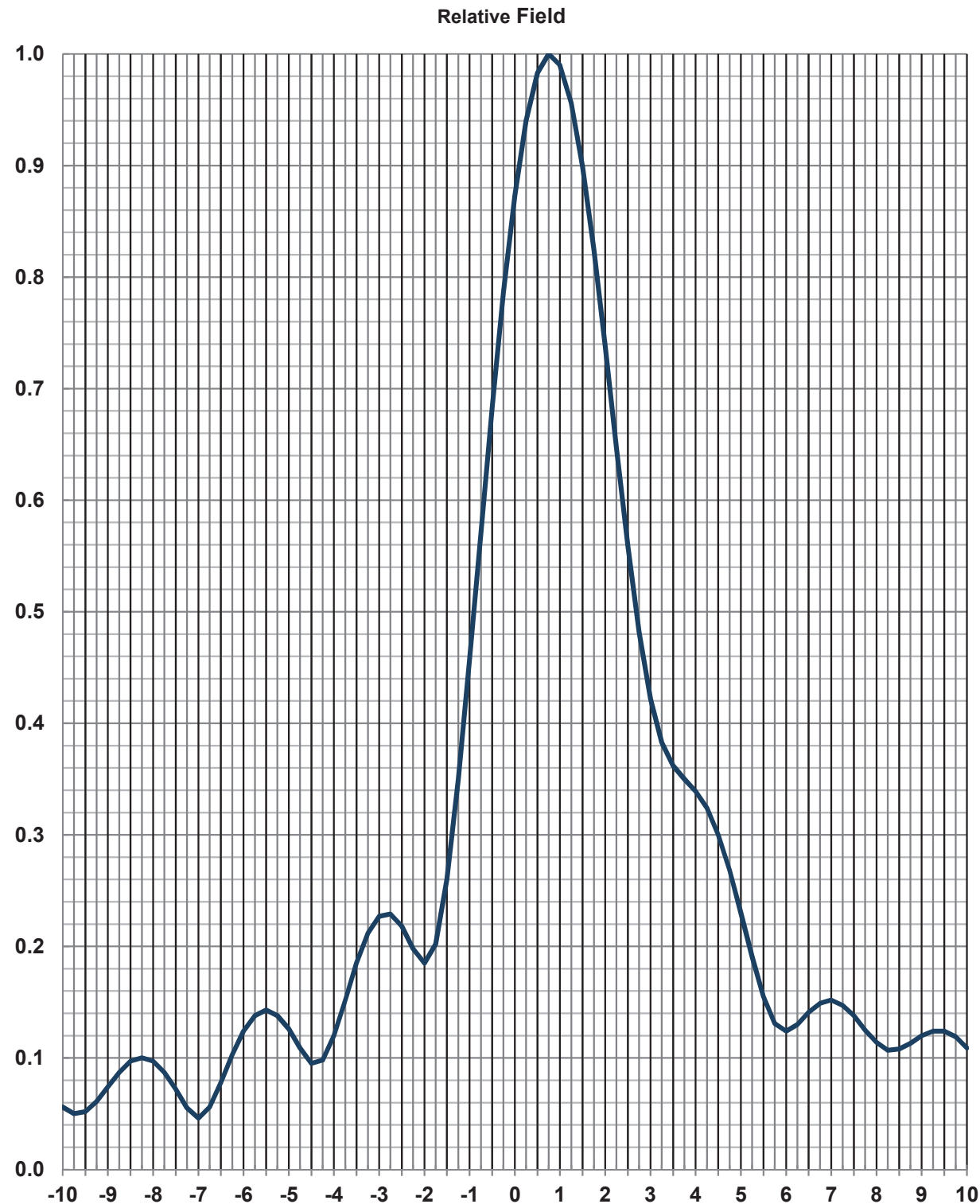


Elevation Pattern

Type:	ATW21H3H		Polarization:	Horizontal
Directivity:			Frequency:	17 (ATSC)
Main Lobe:	21.00 numeric	(13.22 dB)	Location:	Somerset, KY
Horizontal:	15.79 numeric	(11.98 dB)	Beam Tilt:	0.75 degrees



Tabulated Data for Elevation PatternType: ATW21H3H

-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	0.056	-25.04	2.25	0.647	-3.78	19.00	0.046	-26.74	43.50	0.028	-31.06	68.00	0.039	-28.18
-9.75	0.050	-26.02	2.50	0.559	-5.05	19.50	0.049	-26.20	44.00	0.035	-29.12	68.50	0.037	-28.64
-9.50	0.052	-25.68	2.75	0.482	-6.34	20.00	0.056	-25.04	44.50	0.040	-27.96	69.00	0.033	-29.63
-9.25	0.061	-24.29	3.00	0.422	-7.49	20.50	0.055	-25.19	45.00	0.040	-27.96	69.50	0.029	-30.75
-9.00	0.074	-22.62	3.25	0.383	-8.34	21.00	0.044	-27.13	45.50	0.036	-28.87	70.00	0.024	-32.40
-8.75	0.087	-21.21	3.50	0.362	-8.83	21.50	0.030	-30.46	46.00	0.030	-30.46	70.50	0.019	-34.42
-8.50	0.097	-20.26	3.75	0.350	-9.12	22.00	0.026	-31.70	46.50	0.027	-31.37	71.00	0.016	-35.92
-8.25	0.100	-20.00	4.00	0.339	-9.40	22.50	0.037	-28.64	47.00	0.028	-31.06	71.50	0.015	-36.48
-8.00	0.097	-20.26	4.25	0.324	-9.79	23.00	0.047	-26.56	47.50	0.032	-29.90	72.00	0.018	-34.89
-7.75	0.087	-21.21	4.50	0.300	-10.46	23.50	0.051	-25.85	48.00	0.036	-28.87	72.50	0.022	-33.15
-7.50	0.072	-22.85	4.75	0.268	-11.44	24.00	0.053	-25.51	48.50	0.036	-28.87	73.00	0.027	-31.37
-7.25	0.055	-25.19	5.00	0.230	-12.77	24.50	0.054	-25.35	49.00	0.033	-29.63	73.50	0.031	-30.17
-7.00	0.046	-26.74	5.25	0.191	-14.38	25.00	0.056	-25.04	49.50	0.028	-31.06	74.00	0.035	-29.12
-6.75	0.056	-25.04	5.50	0.155	-16.19	25.50	0.055	-25.19	50.00	0.023	-32.77	74.50	0.037	-28.64
-6.50	0.078	-22.16	5.75	0.131	-17.65	26.00	0.049	-26.20	50.50	0.022	-33.15	75.00	0.039	-28.18
-6.25	0.103	-19.74	6.00	0.124	-18.13	26.50	0.036	-28.87	51.00	0.025	-32.04	75.50	0.040	-27.96
-6.00	0.124	-18.13	6.25	0.130	-17.72	27.00	0.024	-32.40	51.50	0.030	-30.46	76.00	0.039	-28.18
-5.75	0.138	-17.20	6.50	0.141	-17.02	27.50	0.022	-33.15	52.00	0.033	-29.63	76.50	0.038	-28.40
-5.50	0.143	-16.89	6.75	0.149	-16.54	28.00	0.029	-30.75	52.50	0.032	-29.90	77.00	0.037	-28.64
-5.25	0.138	-17.20	7.00	0.152	-16.36	28.50	0.032	-29.90	53.00	0.029	-30.75	77.50	0.034	-29.37
-5.00	0.126	-17.99	7.25	0.147	-16.65	29.00	0.028	-31.06	53.50	0.023	-32.77	78.00	0.031	-30.17
-4.75	0.109	-19.25	7.50	0.138	-17.20	29.50	0.018	-34.89	54.00	0.018	-34.89	78.50	0.028	-31.06
-4.50	0.095	-20.45	7.75	0.125	-18.06	30.00	0.012	-38.42	54.50	0.016	-35.92	79.00	0.025	-32.04
-4.25	0.098	-20.18	8.00	0.114	-18.86	30.50	0.022	-33.15	55.00	0.020	-33.98	79.50	0.021	-33.56
-4.00	0.120	-18.42	8.25	0.107	-19.41	31.00	0.033	-29.63	55.50	0.026	-31.70	80.00	0.018	-34.89
-3.75	0.152	-16.36	8.50	0.108	-19.33	31.50	0.038	-28.40	56.00	0.031	-30.17	80.50	0.014	-37.08
-3.50	0.185	-14.66	8.75	0.113	-18.94	32.00	0.036	-28.87	56.50	0.033	-29.63	81.00	0.011	-39.17
-3.25	0.212	-13.47	9.00	0.120	-18.42	32.50	0.030	-30.46	57.00	0.032	-29.90	81.50	0.008	-41.94
-3.00	0.227	-12.88	9.25	0.124	-18.13	33.00	0.027	-31.37	57.50	0.028	-31.06	82.00	0.006	-44.44
-2.75	0.229	-12.80	9.50	0.124	-18.13	33.50	0.032	-29.90	58.00	0.023	-32.77	82.50	0.004	-47.96
-2.50	0.218	-13.23	9.75	0.119	-18.49	34.00	0.038	-28.40	58.50	0.018	-34.89	83.00	0.004	-47.96
-2.25	0.198	-14.07	10.00	0.109	-19.25	34.50	0.041	-27.74	59.00	0.017	-35.39	83.50	0.005	-46.02
-2.00	0.185	-14.66	10.50	0.083	-21.62	35.00	0.038	-28.40	59.50	0.021	-33.56	84.00	0.006	-44.44
-1.75	0.202	-13.89	11.00	0.074	-22.62	35.50	0.030	-30.46	60.00	0.028	-31.06	84.50	0.007	-43.10
-1.50	0.260	-11.70	11.50	0.090	-20.92	36.00	0.024	-32.40	60.50	0.034	-29.37	85.00	0.007	-43.10
-1.25	0.350	-9.12	12.00	0.104	-19.66	36.50	0.028	-31.06	61.00	0.039	-28.18	85.50	0.007	-43.10
-1.00	0.457	-6.80	12.50	0.099	-20.09	37.00	0.037	-28.64	61.50	0.041	-27.74	86.00	0.007	-43.10
-0.75	0.571	-4.87	13.00	0.076	-22.38	37.50	0.043	-27.33	62.00	0.040	-27.96	86.50	0.007	-43.10
-0.50	0.683	-3.31	13.50	0.052	-25.68	38.00	0.043	-27.33	62.50	0.036	-28.87	87.00	0.007	-43.10
-0.25	0.786	-2.09	14.00	0.052	-25.68	38.50	0.038	-28.40	63.00	0.030	-30.46	87.50	0.006	-44.44
0.00	0.873	-1.18	14.50	0.067	-23.48	39.00	0.030	-30.46	63.50	0.023	-32.77	88.00	0.005	-46.02
0.25	0.940	-0.54	15.00	0.073	-22.73	39.50	0.024	-32.40	64.00	0.016	-35.92	88.50	0.004	-47.96
0.50	0.983	-0.15	15.50	0.066	-23.61	40.00	0.026	-31.70	64.50	0.011	-39.17	89.00	0.003	-50.46
0.75	1.000	0.00	16.00	0.055	-25.19	40.50	0.032	-29.90	65.00	0.014	-37.08	89.50	0.001	-60.00
1.00	0.990	-0.09	16.50	0.056	-25.04	41.00	0.036	-28.87	65.50	0.020	-33.98	90.00	0.000	---
1.25	0.956	-0.39	17.00	0.067	-23.48	41.50	0.034	-29.37	66.00	0.027	-31.37			
1.50	0.899	-0.92	17.50	0.073	-22.73	42.00	0.028	-31.06	66.50	0.033	-29.63			
1.75	0.824	-1.68	18.00	0.068	-23.35	42.50	0.022	-33.15	67.00	0.037	-28.64			
2.00	0.738	-2.64	18.50	0.055	-25.19	43.00	0.021	-33.56	67.50	0.039	-28.18			