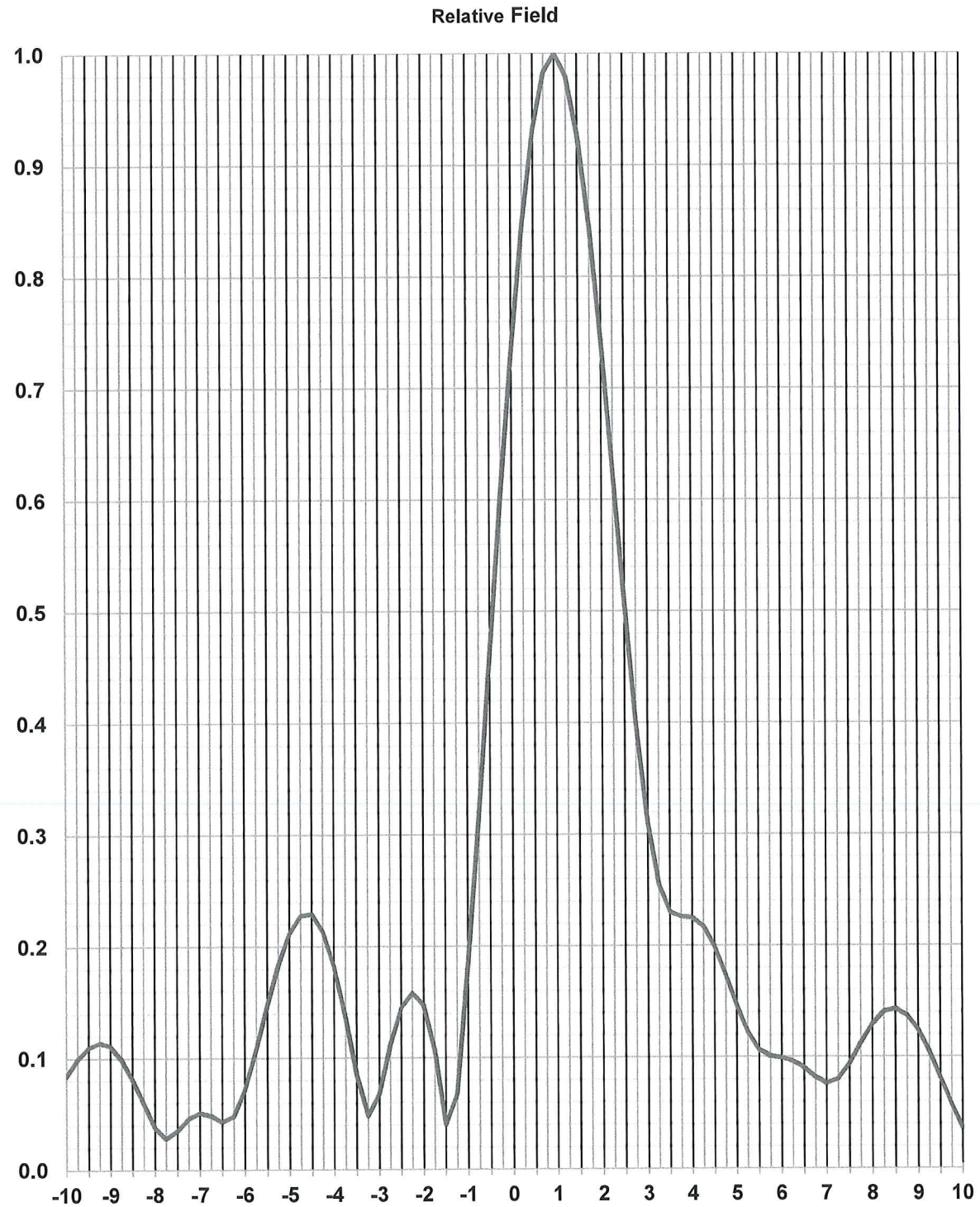
Elevation Pattern

Type:	ATW26H4H		**Polarization:**	Horizontal
Directivity:			**Frequency:**	15 (ATSC)
Main Lobe:	26.00 numeric	(14.15 dB)	**Location:**	Raleigh, NC
Horizontal:	14.08 numeric	(11.49 dB)	**Beam Tilt:**	1.00 degrees



Tabulated Data for Elevation Pattern

Type: ATW26H4H

-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	0.084	-21.51	2.25	0.626	-4.08	19.00	0.031	-30.17	43.50	0.036	-28.87	68.00	0.047	-26.56
-9.75	0.100	-20.04	2.50	0.507	-5.90	19.50	0.008	-41.94	44.00	0.040	-27.96	68.50	0.046	-26.74
-9.50	0.110	-19.17	2.75	0.398	-8.00	20.00	0.009	-40.92	44.50	0.038	-28.40	69.00	0.043	-27.33
-9.25	0.114	-18.86	3.00	0.310	-10.17	20.50	0.006	-44.44	45.00	0.030	-30.46	69.50	0.037	-28.64
-9.00	0.111	-19.09	3.25	0.255	-11.89	21.00	0.013	-37.72	45.50	0.020	-33.98	70.00	0.029	-30.75
-8.75	0.099	-20.09	3.50	0.230	-12.77	21.50	0.036	-28.87	46.00	0.011	-39.17	70.50	0.020	-33.98
-8.50	0.081	-21.83	3.75	0.226	-12.92	22.00	0.056	-25.04	46.50	0.012	-38.42	71.00	0.013	-37.72
-8.25	0.060	-24.51	4.00	0.225	-12.96	22.50	0.065	-23.74	47.00	0.018	-34.89	71.50	0.012	-38.42
-8.00	0.038	-28.40	4.25	0.217	-13.27	23.00	0.059	-24.58	47.50	0.021	-33.56	72.00	0.019	-34.42
-7.75	0.028	-31.06	4.50	0.199	-14.02	23.50	0.041	-27.74	48.00	0.020	-33.98	72.50	0.029	-30.75
-7.50	0.035	-29.12	4.75	0.174	-15.21	24.00	0.020	-33.98	48.50	0.020	-33.98	73.00	0.038	-28.40
-7.25	0.046	-26.74	5.00	0.146	-16.71	24.50	0.011	-39.17	49.00	0.024	-32.40	73.50	0.047	-26.56
-7.00	0.051	-25.85	5.25	0.122	-18.27	25.00	0.013	-37.72	49.50	0.031	-30.17	74.00	0.055	-25.19
-6.75	0.049	-26.29	5.50	0.106	-19.49	25.50	0.006	-44.44	50.00	0.037	-28.64	74.50	0.061	-24.29
-6.50	0.043	-27.33	5.75	0.101	-19.96	26.00	0.013	-37.72	50.50	0.039	-28.18	75.00	0.065	-23.74
-6.25	0.048	-26.38	6.00	0.099	-20.09	26.50	0.033	-29.63	51.00	0.037	-28.64	75.50	0.069	-23.22
-6.00	0.072	-22.85	6.25	0.096	-20.35	27.00	0.049	-26.20	51.50	0.031	-30.17	76.00	0.070	-23.10
-5.75	0.108	-19.37	6.50	0.090	-20.92	27.50	0.056	-25.04	52.00	0.022	-33.15	76.50	0.071	-22.97
-5.50	0.147	-16.65	6.75	0.082	-21.78	28.00	0.050	-26.02	52.50	0.013	-37.72	77.00	0.070	-23.10
-5.25	0.184	-14.73	7.00	0.076	-22.38	28.50	0.035	-29.12	53.00	0.010	-40.00	77.50	0.068	-23.35
-5.00	0.212	-13.47	7.25	0.080	-21.94	29.00	0.019	-34.42	53.50	0.015	-36.48	78.00	0.065	-23.74
-4.75	0.228	-12.86	7.50	0.094	-20.54	29.50	0.014	-37.08	54.00	0.020	-33.98	78.50	0.062	-24.15
-4.50	0.229	-12.80	7.75	0.113	-18.98	30.00	0.017	-35.39	54.50	0.022	-33.15	79.00	0.059	-24.58
-4.25	0.213	-13.43	8.00	0.129	-17.79	30.50	0.013	-37.72	55.00	0.021	-33.56	79.50	0.055	-25.19
-4.00	0.182	-14.80	8.25	0.141	-17.05	31.00	0.010	-40.00	55.50	0.019	-34.42	80.00	0.051	-25.85
-3.75	0.137	-17.27	8.50	0.143	-16.89	31.50	0.024	-32.40	56.00	0.021	-33.56	80.50	0.047	-26.56
-3.50	0.085	-21.41	8.75	0.137	-17.27	32.00	0.039	-28.18	56.50	0.027	-31.37	81.00	0.044	-27.13
-3.25	0.048	-26.38	9.00	0.124	-18.13	32.50	0.048	-26.38	57.00	0.034	-29.37	81.50	0.040	-27.96
-3.00	0.068	-23.35	9.25	0.105	-19.62	33.00	0.047	-26.56	57.50	0.040	-27.96	82.00	0.037	-28.64
-2.75	0.112	-19.05	9.50	0.081	-21.83	33.50	0.038	-28.40	58.00	0.043	-27.33	82.50	0.034	-29.37
-2.50	0.145	-16.77	9.75	0.057	-24.96	34.00	0.024	-32.40	58.50	0.042	-27.54	83.00	0.032	-29.90
-2.25	0.158	-16.03	10.00	0.036	-28.87	34.50	0.014	-37.08	59.00	0.038	-28.40	83.50	0.029	-30.75
-2.00	0.147	-16.65	10.50	0.026	-31.70	35.00	0.017	-35.39	59.50	0.031	-30.17	84.00	0.027	-31.37
-1.75	0.106	-19.49	11.00	0.030	-30.46	35.50	0.019	-34.42	60.00	0.023	-32.77	84.50	0.025	-32.04
-1.50	0.040	-27.96	11.50	0.031	-30.17	36.00	0.016	-35.92	60.50	0.016	-35.92	85.00	0.023	-32.77
-1.25	0.068	-23.41	12.00	0.055	-25.19	36.50	0.015	-36.48	61.00	0.016	-35.92	85.50	0.021	-33.56
-1.00	0.184	-14.70	12.50	0.085	-21.41	37.00	0.024	-32.40	61.50	0.021	-33.56	86.00	0.019	-34.42
-0.75	0.320	-9.91	13.00	0.100	-20.00	37.50	0.036	-28.87	62.00	0.027	-31.37	86.50	0.017	-35.39
-0.50	0.463	-6.69	13.50	0.091	-20.82	38.00	0.043	-27.33	62.50	0.030	-30.46	87.00	0.015	-36.48
-0.25	0.605	-4.37	14.00	0.062	-24.15	38.50	0.042	-27.54	63.00	0.031	-30.17	87.50	0.013	-37.72
0.00	0.736	-2.66	14.50	0.027	-31.37	39.00	0.034	-29.37	63.50	0.028	-31.06	88.00	0.010	-40.00
0.25	0.847	-1.45	15.00	0.005	-46.02	39.50	0.022	-33.15	64.00	0.024	-32.40	88.50	0.008	-41.94
0.50	0.932	-0.61	15.50	0.013	-37.72	40.00	0.013	-37.72	64.50	0.018	-34.89	89.00	0.006	-44.44
0.75	0.983	-0.15	16.00	0.013	-37.72	40.50	0.015	-36.48	65.00	0.016	-35.92	89.50	0.003	-50.46
1.00	1.000	0.00	16.50	0.032	-29.90	41.00	0.019	-34.42	65.50	0.019	-34.42	90.00	0.001	-60.00
1.25	0.980	-0.18	17.00	0.059	-24.58	41.50	0.020	-33.98	66.00	0.026	-31.70			
1.50	0.927	-0.66	17.50	0.076	-22.38	42.00	0.018	-34.89	66.50	0.034	-29.37			
1.75	0.845	-1.47	18.00	0.075	-22.50	42.50	0.020	-33.98	67.00	0.041	-27.74			
2.00	0.742	-2.59	18.50	0.058	-24.73	43.00	0.028	-31.06	67.50	0.045	-26.94			