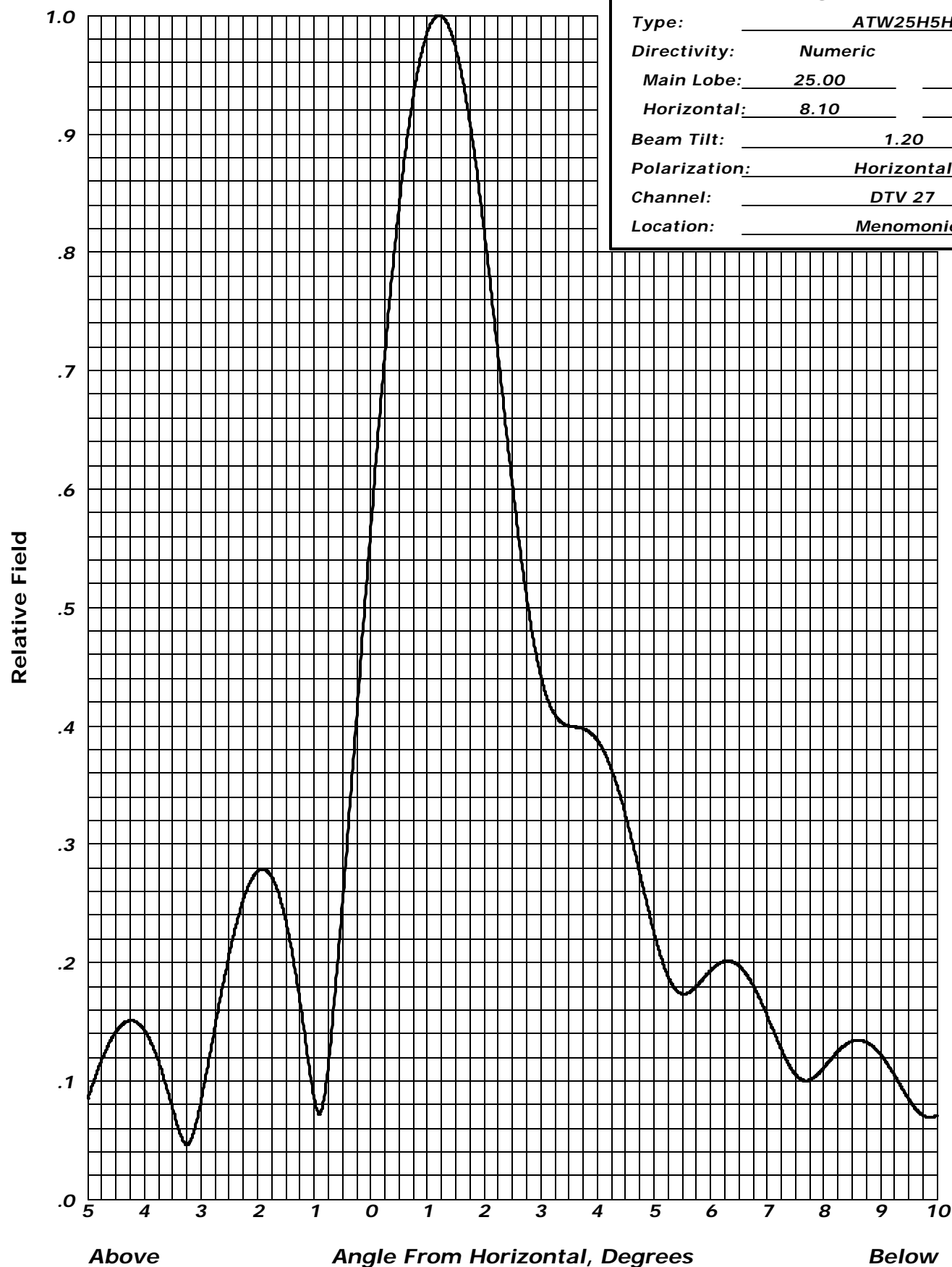




# ANDREW

## ELEVATION PATTERN

Type:	ATW25H5H	
Directivity:	Numeric	dBd
Main Lobe:	25.00	(13.98)
Horizontal:	8.10	( 9.08)
Beam Tilt:	1.20	
Polarization:	Horizontal	
Channel:	DTV 27	
Location:	Menomonie, WI	





**TABULATED DATA FOR ELEVATION PATTERN**  
**TYPE : ATW25H5H**

Angle Field dB -5 To 10 In 0.25 Increments	Angle Field dB 10 To 90 In 0.5 Increments	Angle Field dB	Angle Field dB
-5.00 0.085 -21.41	8.75 0.133 -17.54	35.00 0.035 -29.20	62.50 0.019 -34.33
-4.75 0.118 -18.57	9.00 0.122 -18.26	35.50 0.026 -31.66	63.00 0.011 -38.98
-4.50 0.142 -16.97	9.25 0.104 -19.63	36.00 0.017 -35.22	63.50 0.011 -39.12
-4.25 0.151 -16.42	9.50 0.084 -21.46	36.50 0.022 -33.01	64.00 0.019 -34.50
-4.00 0.143 -16.91	9.75 0.071 -22.99	37.00 0.032 -29.94	64.50 0.027 -31.37
-3.75 0.116 -18.67	10.00 0.071 -22.97	37.50 0.035 -29.15	65.00 0.033 -29.56
-3.50 0.076 -22.33	10.50 0.094 -20.53	38.00 0.030 -30.60	65.50 0.037 -28.70
-3.25 0.046 -26.66	11.00 0.101 -19.94	38.50 0.019 -34.23	66.00 0.037 -28.60
-3.00 0.083 -21.63	11.50 0.079 -22.10	39.00 0.017 -35.31	66.50 0.035 -29.22
-2.75 0.146 -16.69	12.00 0.053 -25.45	39.50 0.026 -31.57	67.00 0.029 -30.64
-2.50 0.207 -13.68	12.50 0.065 -23.73	40.00 0.033 -29.50	67.50 0.022 -33.10
-2.25 0.253 -11.92	13.00 0.082 -21.77	40.50 0.033 -29.60	68.00 0.014 -37.29
-2.00 0.277 -11.14	13.50 0.074 -22.57	41.00 0.026 -31.86	68.50 0.006 -44.03
-1.75 0.272 -11.30	14.00 0.051 -25.93	41.50 0.016 -35.76	69.00 0.009 -40.83
-1.50 0.235 -12.57	14.50 0.045 -26.87	42.00 0.018 -34.78	69.50 0.017 -35.26
-1.25 0.167 -15.55	15.00 0.063 -23.94	42.50 0.028 -31.16	70.00 0.025 -32.03
-1.00 0.085 -21.41	15.50 0.069 -23.27	43.00 0.033 -29.56	70.50 0.031 -30.06
-0.75 0.114 -18.86	16.00 0.053 -25.47	43.50 0.032 -29.97	71.00 0.036 -28.86
-0.50 0.251 -11.99	16.50 0.035 -29.02	44.00 0.024 -32.43	71.50 0.039 -28.24
-0.25 0.410 -7.75	17.00 0.045 -26.86	44.50 0.015 -36.28	72.00 0.039 -28.07
0.00 0.569 -4.90	17.50 0.059 -24.55	45.00 0.018 -34.96	72.50 0.038 -28.32
0.25 0.716 -2.91	18.00 0.056 -25.09	45.50 0.027 -31.32	73.00 0.036 -28.97
0.50 0.840 -1.52	18.50 0.038 -28.39	46.00 0.033 -29.62	73.50 0.031 -30.06
0.75 0.932 -0.61	19.00 0.032 -29.95	46.50 0.033 -29.76	74.00 0.026 -31.65
1.00 0.986 -0.12	19.50 0.047 -26.64	47.00 0.026 -31.75	74.50 0.020 -33.92
1.25 0.999 -0.01	20.00 0.054 -25.42	47.50 0.017 -35.58	75.00 0.014 -37.25
1.50 0.972 -0.24	20.50 0.044 -27.06	48.00 0.015 -36.56	75.50 0.007 -42.65
1.75 0.909 -0.82	21.00 0.029 -30.79	48.50 0.023 -32.67	76.00 0.003 -49.77
2.00 0.819 -1.73	21.50 0.033 -29.66	49.00 0.031 -30.18	76.50 0.007 -42.99
2.25 0.712 -2.95	22.00 0.046 -26.69	49.50 0.034 -29.48	77.00 0.013 -38.05
2.50 0.604 -4.38	22.50 0.048 -26.40	50.00 0.030 -30.41	77.50 0.018 -35.12
2.75 0.509 -5.87	23.00 0.036 -28.89	50.50 0.022 -33.08	78.00 0.022 -33.20
3.00 0.442 -7.08	23.50 0.024 -32.26	51.00 0.014 -36.94	78.50 0.025 -31.88
3.25 0.409 -7.76	24.00 0.033 -29.56	51.50 0.016 -35.81	79.00 0.028 -30.97
3.50 0.400 -7.96	24.50 0.044 -27.17	52.00 0.025 -32.07	79.50 0.030 -30.36
3.75 0.397 -8.01	25.00 0.042 -27.53	52.50 0.032 -29.97	80.00 0.032 -30.00
4.00 0.388 -8.23	25.50 0.030 -30.56	53.00 0.034 -29.43	80.50 0.032 -29.83
4.25 0.363 -8.79	26.00 0.023 -32.85	53.50 0.031 -30.31	81.00 0.032 -29.83
4.50 0.324 -9.79	26.50 0.033 -29.50	54.00 0.023 -32.76	81.50 0.032 -29.97
4.75 0.275 -11.21	27.00 0.042 -27.62	54.50 0.015 -36.71	82.00 0.031 -30.24
5.00 0.225 -12.94	27.50 0.038 -28.40	55.00 0.014 -37.17	82.50 0.029 -30.63
5.25 0.188 -14.52	28.00 0.026 -31.77	55.50 0.022 -33.22	83.00 0.028 -31.12
5.50 0.174 -15.21	28.50 0.021 -33.41	56.00 0.030 -30.54	83.50 0.026 -31.72
5.75 0.180 -14.89	29.00 0.032 -29.81	56.50 0.034 -29.36	84.00 0.024 -32.41
6.00 0.193 -14.27	29.50 0.040 -28.06	57.00 0.034 -29.43	84.50 0.022 -33.20
6.25 0.201 -13.93	30.00 0.036 -28.90	57.50 0.029 -30.75	85.00 0.020 -34.10
6.50 0.197 -14.10	30.50 0.024 -32.22	58.00 0.021 -33.54	85.50 0.018 -35.10
6.75 0.181 -14.86	31.00 0.020 -34.02	58.50 0.013 -37.77	86.00 0.015 -36.22
7.00 0.155 -16.19	31.50 0.030 -30.51	59.00 0.013 -37.81	86.50 0.013 -37.49
7.25 0.127 -17.96	32.00 0.037 -28.64	59.50 0.021 -33.61	87.00 0.011 -38.93
7.50 0.105 -19.55	32.50 0.034 -29.27	60.00 0.029 -30.77	87.50 0.009 -40.62
7.75 0.101 -19.92	33.00 0.024 -32.42	60.50 0.034 -29.32	88.00 0.007 -42.64
8.00 0.111 -19.07	33.50 0.018 -34.98	61.00 0.036 -28.95	88.50 0.005 -45.22
8.25 0.125 -18.05	34.00 0.027 -31.49	61.50 0.033 -29.56	89.00 0.004 -48.79
8.50 0.134 -17.48	34.50 0.035 -29.13	62.00 0.027 -31.25	89.50 0.002 -54.85