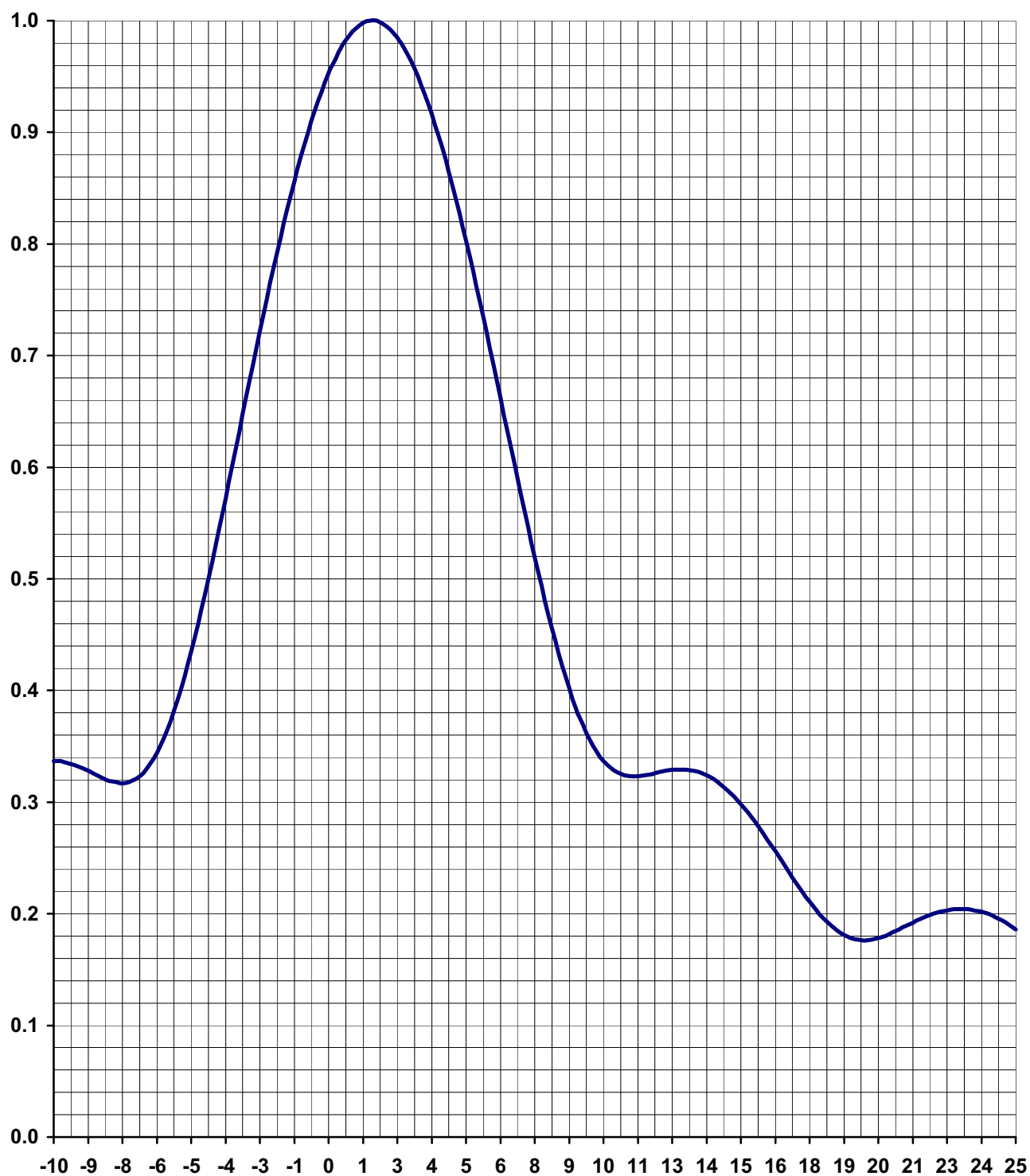


## ELEVATION PATTERN

<b>TYPE:</b>	<b>ATW6V6V</b>	
<b>Directivity:</b>	<b>Numeric</b>	<b>dBd</b>
<b>Main Lobe:</b>	<b>6.00</b>	<b>7.78</b>
<b>Horizontal:</b>	<b>5.45</b>	<b>7.36</b>

<b>Frequency:</b>	<b>8 (Digital)</b>
<b>Location:</b>	<b>(MATC Tower) Milwaukee, WI</b>
<b>Beam Tilt:</b>	<b>1.50</b>
<b>Polarization:</b>	<b>Vertical</b>



## TABULATED DATA FOR ELEVATION PATTERN

TYPE: ATW6V6V

-5 to 10 degrees in 0.25 increments

10 to 90 degrees in 0.50 increments

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
-10.00	0.337	-9.45	2.00	0.997	-0.03	18.00	0.196	-14.15	42.00	0.126	-17.99	66.00	0.106	-19.49
-9.75	0.337	-9.45	2.25	0.992	-0.07	18.50	0.185	-14.66	42.50	0.131	-17.65	66.50	0.102	-19.83
-9.50	0.335	-9.50	2.50	0.985	-0.13	19.00	0.178	-14.99	43.00	0.135	-17.39	67.00	0.099	-20.09
-9.25	0.333	-9.55	2.75	0.975	-0.22	19.50	0.176	-15.09	43.50	0.139	-17.14	67.50	0.096	-20.35
-9.00	0.331	-9.60	3.00	0.964	-0.32	20.00	0.178	-14.99	44.00	0.141	-17.02	68.00	0.094	-20.54
-8.75	0.328	-9.68	3.25	0.950	-0.45	20.50	0.183	-14.75	44.50	0.143	-16.89	68.50	0.091	-20.82
-8.50	0.325	-9.76	3.50	0.934	-0.59	21.00	0.189	-14.47	45.00	0.143	-16.89	69.00	0.089	-21.01
-8.25	0.322	-9.84	3.75	0.916	-0.76	21.50	0.195	-14.20	45.50	0.142	-16.95	69.50	0.088	-21.11
-8.00	0.319	-9.92	4.00	0.897	-0.94	22.00	0.200	-13.98	46.00	0.140	-17.08	70.00	0.086	-21.31
-7.75	0.318	-9.95	4.25	0.876	-1.15	22.50	0.203	-13.85	46.50	0.138	-17.20	70.50	0.085	-21.41
-7.50	0.317	-9.98	4.50	0.853	-1.38	23.00	0.204	-13.81	47.00	0.134	-17.46	71.00	0.085	-21.41
-7.25	0.318	-9.95	4.75	0.828	-1.64	23.50	0.203	-13.85	47.50	0.130	-17.72	71.50	0.084	-21.51
-7.00	0.321	-9.87	5.00	0.803	-1.91	24.00	0.200	-13.98	48.00	0.125	-18.06	72.00	0.083	-21.62
-6.75	0.326	-9.74	5.25	0.776	-2.20	24.50	0.194	-14.24	48.50	0.120	-18.42	72.50	0.083	-21.62
-6.50	0.334	-9.53	5.50	0.749	-2.51	25.00	0.186	-14.61	49.00	0.115	-18.79	73.00	0.083	-21.62
-6.25	0.344	-9.27	5.75	0.720	-2.85	25.50	0.177	-15.04	49.50	0.110	-19.17	73.50	0.083	-21.62
-6.00	0.357	-8.95	6.00	0.692	-3.20	26.00	0.166	-15.60	50.00	0.105	-19.58	74.00	0.082	-21.72
-5.75	0.373	-8.57	6.25	0.662	-3.58	26.50	0.156	-16.14	50.50	0.102	-19.83	74.50	0.082	-21.72
-5.50	0.391	-8.16	6.50	0.633	-3.97	27.00	0.146	-16.71	51.00	0.099	-20.09	75.00	0.082	-21.72
-5.25	0.412	-7.70	6.75	0.604	-4.38	27.50	0.137	-17.27	51.50	0.098	-20.18	75.50	0.081	-21.83
-5.00	0.435	-7.23	7.00	0.575	-4.81	28.00	0.131	-17.65	52.00	0.098	-20.18	76.00	0.081	-21.83
-4.75	0.460	-6.74	7.25	0.547	-5.24	28.50	0.128	-17.86	52.50	0.099	-20.09	76.50	0.080	-21.94
-4.50	0.486	-6.27	7.50	0.519	-5.70	29.00	0.127	-17.92	53.00	0.101	-19.91	77.00	0.079	-22.05
-4.25	0.514	-5.78	7.75	0.493	-6.14	29.50	0.129	-17.79	53.50	0.104	-19.66	77.50	0.078	-22.16
-4.00	0.543	-5.30	8.00	0.467	-6.61	30.00	0.134	-17.46	54.00	0.108	-19.33	78.00	0.077	-22.27
-3.75	0.572	-4.85	8.25	0.444	-7.05	30.50	0.139	-17.14	54.50	0.112	-19.02	78.50	0.075	-22.50
-3.50	0.602	-4.41	8.50	0.422	-7.49	31.00	0.145	-16.77	55.00	0.116	-18.71	79.00	0.074	-22.62
-3.25	0.632	-3.99	8.75	0.402	-7.92	31.50	0.150	-16.48	55.50	0.120	-18.42	79.50	0.072	-22.85
-3.00	0.663	-3.57	9.00	0.384	-8.31	32.00	0.155	-16.19	56.00	0.124	-18.13	80.00	0.070	-23.10
-2.75	0.693	-3.19	9.25	0.369	-8.66	32.50	0.158	-16.03	56.50	0.128	-17.86	80.50	0.067	-23.48
-2.50	0.722	-2.83	9.50	0.356	-8.97	33.00	0.160	-15.92	57.00	0.131	-17.65	81.00	0.065	-23.74
-2.25	0.751	-2.49	9.75	0.345	-9.24	33.50	0.160	-15.92	57.50	0.134	-17.46	81.50	0.062	-24.15
-2.00	0.779	-2.17	10.00	0.337	-9.45	34.00	0.159	-15.97	58.00	0.136	-17.33	82.00	0.060	-24.44
-1.75	0.806	-1.87	10.50	0.327	-9.71	34.50	0.156	-16.14	58.50	0.137	-17.27	82.50	0.057	-24.88
-1.50	0.832	-1.60	11.00	0.323	-9.82	35.00	0.151	-16.42	59.00	0.138	-17.20	83.00	0.054	-25.35
-1.25	0.856	-1.35	11.50	0.324	-9.79	35.50	0.146	-16.71	59.50	0.139	-17.14	83.50	0.051	-25.85
-1.00	0.879	-1.12	12.00	0.327	-9.71	36.00	0.139	-17.14	60.00	0.138	-17.20	84.00	0.047	-26.56
-0.75	0.900	-0.92	12.50	0.329	-9.66	36.50	0.132	-17.59	60.50	0.137	-17.27	84.50	0.044	-27.13
-0.50	0.920	-0.72	13.00	0.329	-9.66	37.00	0.125	-18.06	61.00	0.136	-17.33	85.00	0.040	-27.96
-0.25	0.937	-0.57	13.50	0.327	-9.71	37.50	0.118	-18.56	61.50	0.134	-17.46	85.50	0.036	-28.87
0.00	0.953	-0.42	14.00	0.321	-9.87	38.00	0.112	-19.02	62.00	0.132	-17.59	86.00	0.033	-29.63
0.25	0.966	-0.30	14.50	0.311	-10.14	38.50	0.108	-19.33	62.50	0.129	-17.79	86.50	0.029	-30.75
0.50	0.978	-0.19	15.00	0.298	-10.52	39.00	0.106	-19.49	63.00	0.126	-17.99	87.00	0.025	-32.04
0.75	0.987	-0.11	15.50	0.283	-10.96	39.50	0.106	-19.49	63.50	0.123	-18.20	87.50	0.021	-33.56
1.00	0.993	-0.06	16.00	0.265	-11.54	40.00	0.108	-19.33	64.00	0.120	-18.42	88.00	0.017	-35.39
1.25	0.998	-0.02	16.50	0.247	-12.15	40.50	0.111	-19.09	64.50	0.116	-18.71	88.50	0.013	-37.72
1.50	1.000	0.00	17.00	0.228	-12.84	41.00	0.115	-18.79	65.00	0.112	-19.02	89.00	0.008	-41.94
1.75	1.000	0.00	17.50	0.211	-13.51	41.50	0.120	-18.42	65.50	0.109	-19.25	89.50	0.004	-47.96
												90.00	0.000	---