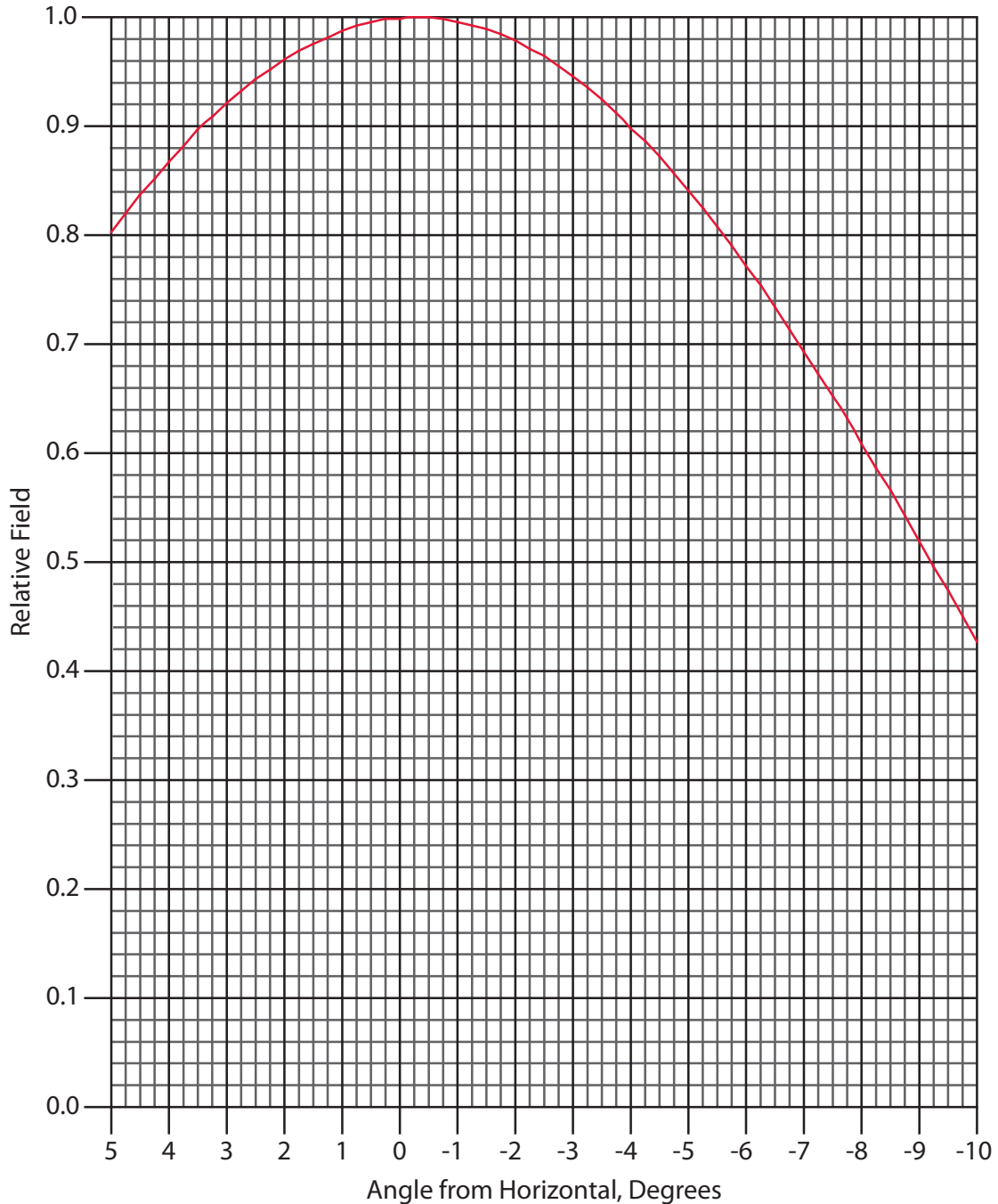


Elevation Pattern

Type:	ATW4V1	
Directivity	Numeric	<i>dBd</i>
Main Lobe:	4.00	(6.02)
Horizontal:	3.99	(6.01)
Beam Tilt	-0.25 °	
Polarization:	Horizontal	
Frequency:		
Location:		



Tabulated Data for Elevation Pattern

Type: ATW4V1

-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
5.00	0.803	-1.91	-6.25	0.753	-2.46	-25.00	0.201	-13.94	-47.50	0.068	-23.35	-70.00	0.236	-12.54
4.75	0.820	-1.72	-6.50	0.734	-2.69	-25.50	0.188	-14.52	-48.00	0.055	-25.19	-70.50	0.233	-12.65
4.50	0.836	-1.56	-6.75	0.714	-2.93	-26.00	0.174	-15.19	-48.50	0.042	-27.54	-71.00	0.230	-12.77
4.25	0.852	-1.39	-7.00	0.694	-3.17	-26.50	0.158	-16.03	-49.00	0.029	-30.75	-71.50	0.226	-12.92
4.00	0.867	-1.24	-7.25	0.673	-3.44	-27.00	0.142	-16.95	-49.50	0.017	-35.39	-72.00	0.222	-13.07
3.75	0.882	-1.09	-7.50	0.652	-3.72	-27.50	0.124	-18.13	-50.00	0.011	-39.17	-72.50	0.217	-13.27
3.50	0.896	-0.95	-7.75	0.631	-4.00	-28.00	0.106	-19.49	-50.50	0.019	-34.42	-73.00	0.213	-13.43
3.25	0.909	-0.83	-8.00	0.609	-4.31	-28.50	0.088	-21.11	-51.00	0.031	-30.17	-73.50	0.208	-13.64
3.00	0.921	-0.71	-8.25	0.587	-4.63	-29.00	0.069	-23.22	-51.50	0.043	-27.33	-74.00	0.203	-13.85
2.75	0.932	-0.61	-8.50	0.565	-4.96	-29.50	0.050	-26.02	-52.00	0.056	-25.04	-74.50	0.198	-14.07
2.50	0.943	-0.51	-8.75	0.542	-5.32	-30.00	0.031	-30.17	-52.50	0.069	-23.22	-75.00	0.193	-14.29
2.25	0.952	-0.43	-9.00	0.519	-5.70	-30.50	0.014	-37.08	-53.00	0.082	-21.72	-75.50	0.187	-14.56
2.00	0.961	-0.35	-9.25	0.496	-6.09	-31.00	0.011	-39.17	-53.50	0.094	-20.54	-76.00	0.182	-14.80
1.75	0.969	-0.27	-9.50	0.473	-6.50	-31.50	0.027	-31.37	-54.00	0.107	-19.41	-76.50	0.176	-15.09
1.50	0.976	-0.21	-9.75	0.450	-6.94	-32.00	0.045	-26.94	-54.50	0.118	-18.56	-77.00	0.170	-15.39
1.25	0.982	-0.16	-10.00	0.427	-7.39	-32.50	0.062	-24.15	-55.00	0.130	-17.72	-77.50	0.164	-15.70
1.00	0.988	-0.10	-10.50	0.381	-8.38	-33.00	0.078	-22.16	-55.50	0.141	-17.02	-78.00	0.158	-16.03
0.75	0.992	-0.07	-11.00	0.334	-9.53	-33.50	0.093	-20.63	-56.00	0.151	-16.42	-78.50	0.152	-16.36
0.50	0.995	-0.04	-11.50	0.289	-10.78	-34.00	0.108	-19.33	-56.50	0.161	-15.86	-79.00	0.146	-16.71
0.25	0.998	-0.02	-12.00	0.244	-12.25	-34.50	0.121	-18.34	-57.00	0.171	-15.34	-79.50	0.140	-17.08
0.00	0.999	-0.01	-12.50	0.200	-13.98	-35.00	0.134	-17.46	-57.50	0.180	-14.89	-80.00	0.134	-17.46
-0.25	1.000	0.00	-13.00	0.157	-16.08	-35.50	0.145	-16.77	-58.00	0.188	-14.52	-80.50	0.127	-17.92
-0.50	1.000	0.00	-13.50	0.116	-18.71	-36.00	0.155	-16.19	-58.50	0.196	-14.15	-81.00	0.121	-18.34
-0.75	0.998	-0.02	-14.00	0.076	-22.38	-36.50	0.164	-15.70	-59.00	0.203	-13.85	-81.50	0.114	-18.86
-1.00	0.996	-0.03	-14.50	0.040	-27.96	-37.00	0.171	-15.34	-59.50	0.210	-13.56	-82.00	0.108	-19.33
-1.25	0.993	-0.06	-15.00	0.015	-36.48	-37.50	0.177	-15.04	-60.00	0.217	-13.27	-82.50	0.101	-19.91
-1.50	0.989	-0.10	-15.50	0.037	-28.64	-38.00	0.182	-14.80	-60.50	0.222	-13.07	-83.00	0.094	-20.54
-1.75	0.984	-0.14	-16.00	0.067	-23.48	-38.50	0.186	-14.61	-61.00	0.227	-12.88	-83.50	0.088	-21.11
-2.00	0.978	-0.19	-16.50	0.095	-20.45	-39.00	0.188	-14.52	-61.50	0.232	-12.69	-84.00	0.081	-21.83
-2.25	0.971	-0.26	-17.00	0.122	-18.27	-39.50	0.189	-14.47	-62.00	0.236	-12.54	-84.50	0.074	-22.62
-2.50	0.964	-0.32	-17.50	0.146	-16.71	-40.00	0.189	-14.47	-62.50	0.240	-12.40	-85.00	0.068	-23.35
-2.75	0.955	-0.40	-18.00	0.167	-15.55	-40.50	0.187	-14.56	-63.00	0.243	-12.29	-85.50	0.061	-24.29
-3.00	0.946	-0.48	-18.50	0.186	-14.61	-41.00	0.185	-14.66	-63.50	0.245	-12.22	-86.00	0.054	-25.35
-3.25	0.935	-0.58	-19.00	0.202	-13.89	-41.50	0.181	-14.85	-64.00	0.247	-12.15	-86.50	0.047	-26.56
-3.50	0.924	-0.69	-19.50	0.215	-13.35	-42.00	0.176	-15.09	-64.50	0.248	-12.11	-87.00	0.041	-27.74
-3.75	0.912	-0.80	-20.00	0.226	-12.92	-42.50	0.170	-15.39	-65.00	0.249	-12.08	-87.50	0.034	-29.37
-4.00	0.899	-0.92	-20.50	0.234	-12.62	-43.00	0.163	-15.76	-65.50	0.250	-12.04	-88.00	0.027	-31.37
-4.25	0.886	-1.05	-21.00	0.239	-12.43	-43.50	0.155	-16.19	-66.00	0.250	-12.04	-88.50	0.020	-33.98
-4.50	0.872	-1.19	-21.50	0.242	-12.32	-44.00	0.147	-16.65	-66.50	0.250	-12.04	-89.00	0.014	-37.08
-4.75	0.857	-1.34	-22.00	0.243	-12.29	-44.50	0.137	-17.27	-67.00	0.249	-12.08	-89.50	0.007	-43.10
-5.00	0.841	-1.50	-22.50	0.241	-12.36	-45.00	0.127	-17.92	-67.50	0.248	-12.11	-90.00	0.000	---
-5.25	0.825	-1.67	-23.00	0.237	-12.51	-45.50	0.116	-18.71	-68.00	0.246	-12.18			
-5.50	0.808	-1.85	-23.50	0.231	-12.73	-46.00	0.105	-19.58	-68.50	0.244	-12.25			
-5.75	0.790	-2.05	-24.00	0.223	-13.03	-46.50	0.093	-20.63	-69.00	0.242	-12.32			
-6.00	0.772	-2.25	-24.50	0.213	-13.43	-47.00	0.080	-21.94	-69.50	0.239	-12.43			

