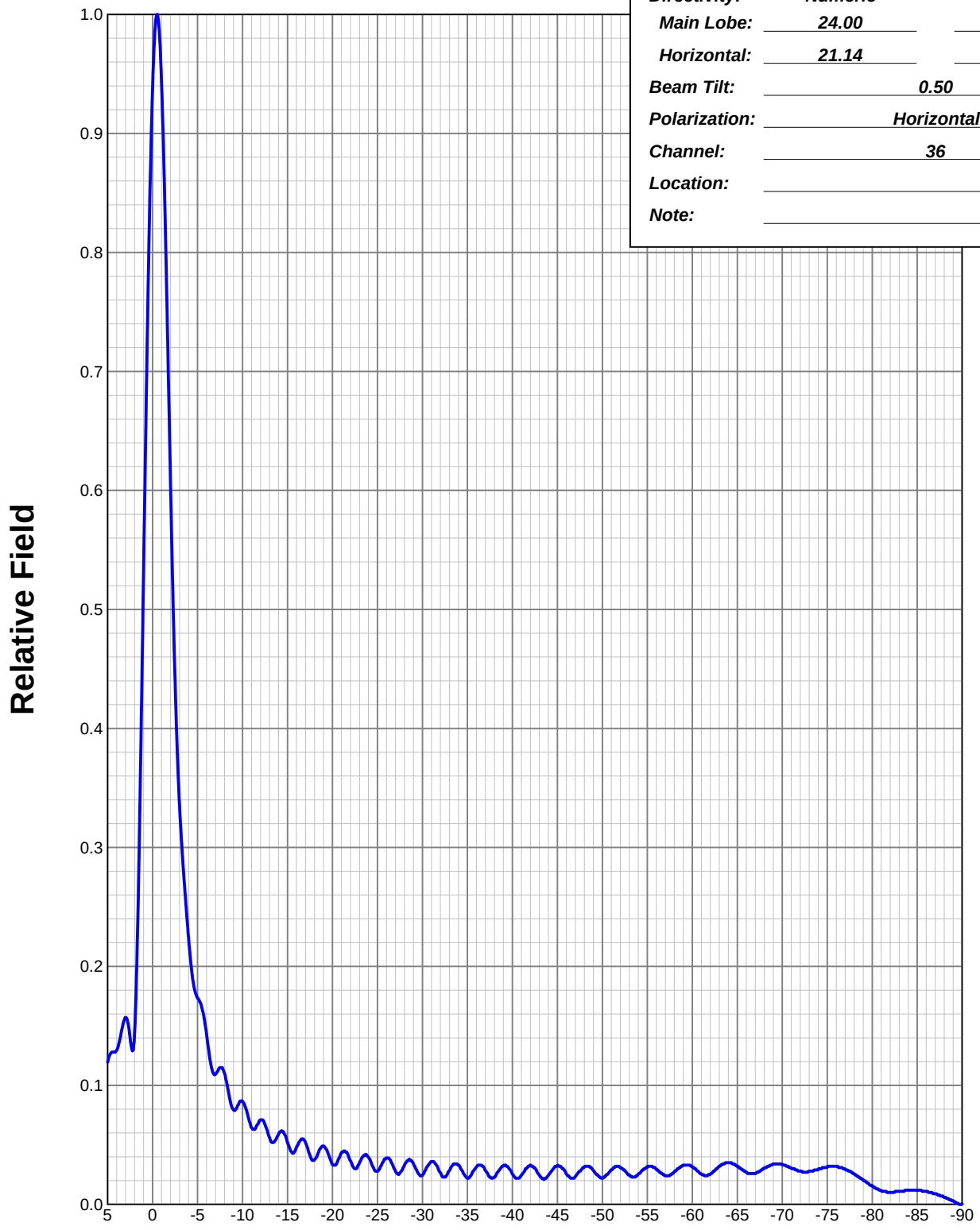
ELEVATION PATTERN

Type:	ATW24HS2H	
Directivity:	Numeric	dBd
Main Lobe:	24.00	13.80
Horizontal:	21.14	13.25
Beam Tilt:	0.50	
Polarization:	Horizontal	
Channel:	36	
Location:		
Note:		



Electronics Research, Inc.
7777 Gardner Road
Chandler, Indiana U.S.A 47610

ELEVATION TABULATED DATA

Type: ATW24HS2H

Polarization: Horizontal

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
5.00	0.119	-18.45	**-6.50**	0.117	-18.64	**-42.00**	0.033	-29.63	**-88.00**	0.006	-44.44
4.75	0.126	-17.99	**-6.75**	0.110	-19.17	**-43.00**	0.025	-32.22	**-89.00**	0.003	-50.46
4.50	0.128	-17.86	**-7.00**	0.110	-19.21	**-44.00**	0.025	-32.22			
4.25	0.128	-17.86	**-7.25**	0.112	-19.02	**-45.00**	0.033	-29.76			
4.00	0.130	-17.75	**-7.50**	0.115	-18.79	**-46.00**	0.026	-31.87			
3.75	0.135	-17.39	**-7.75**	0.115	-18.79	**-47.00**	0.024	-32.58			
3.50	0.144	-16.83	**-8.00**	0.110	-19.17	**-48.00**	0.032	-30.03			
3.25	0.153	-16.31	**-8.25**	0.102	-19.83	**-49.00**	0.029	-30.90			
3.00	0.157	-16.08	**-8.50**	0.092	-20.72	**-50.00**	0.022	-33.15			
2.75	0.153	-16.31	**-8.75**	0.083	-21.62	**-51.00**	0.029	-30.75			
2.50	0.140	-17.08	**-9.00**	0.080	-21.99	**-52.00**	0.031	-30.17			
2.25	0.129	-17.79	**-9.25**	0.080	-21.94	**-53.00**	0.025	-32.22			
2.00	0.145	-16.80	**-9.50**	0.084	-21.57	**-54.00**	0.026	-31.87			
1.75	0.203	-13.85	**-9.75**	0.087	-21.21	**-55.00**	0.032	-30.03			
1.50	0.296	-10.56	**-10.00**	0.086	-21.26	**-56.00**	0.029	-30.60			
1.25	0.410	-7.74	**-11.00**	0.065	-23.81	**-57.00**	0.024	-32.40			
1.00	0.532	-5.48	**-12.00**	0.071	-22.97	**-58.00**	0.028	-31.21			
0.75	0.655	-3.68	**-13.00**	0.056	-25.04	**-59.00**	0.033	-29.63			
0.50	0.768	-2.29	**-14.00**	0.059	-24.58	**-60.00**	0.032	-30.03			
0.25	0.865	-1.26	**-15.00**	0.052	-25.68	**-61.00**	0.026	-31.87			
0.00	0.939	-0.55	**-16.00**	0.048	-26.38	**-62.00**	0.026	-31.87			
-0.25	0.985	-0.13	**-17.00**	0.052	-25.68	**-63.00**	0.032	-29.90			
-0.50	1.000	0.00	**-18.00**	0.037	-28.52	**-64.00**	0.035	-29.12			
-0.75	0.986	-0.12	**-19.00**	0.049	-26.20	**-65.00**	0.032	-29.90			
-1.00	0.942	-0.52	**-20.00**	0.034	-29.50	**-66.00**	0.027	-31.37			
-1.25	0.876	-1.15	**-21.00**	0.043	-27.23	**-67.00**	0.026	-31.70			
-1.50	0.792	-2.03	**-22.00**	0.036	-28.75	**-68.00**	0.030	-30.31			
-1.75	0.699	-3.11	**-23.00**	0.035	-29.12	**-69.00**	0.034	-29.37			
-2.00	0.603	-4.39	**-24.00**	0.040	-28.07	**-70.00**	0.034	-29.50			
-2.25	0.515	-5.76	**-25.00**	0.028	-31.06	**-71.00**	0.030	-30.31			
-2.50	0.440	-7.14	**-26.00**	0.039	-28.18	**-72.00**	0.028	-31.06			
-2.75	0.379	-8.43	**-27.00**	0.028	-31.06	**-73.00**	0.028	-31.06			
-3.00	0.335	-9.51	**-28.00**	0.033	-29.63	**-74.00**	0.029	-30.60			
-3.25	0.301	-10.43	**-29.00**	0.034	-29.37	**-75.00**	0.032	-30.03			
-3.50	0.273	-11.28	**-30.00**	0.025	-32.22	**-76.00**	0.032	-29.90			
-3.75	0.248	-12.11	**-31.00**	0.036	-28.87	**-77.00**	0.029	-30.60			
-4.00	0.224	-13.01	**-32.00**	0.026	-31.54	**-78.00**	0.026	-31.87			
-4.25	0.203	-13.85	**-33.00**	0.029	-30.90	**-79.00**	0.021	-33.76			
-4.50	0.188	-14.54	**-34.00**	0.033	-29.63	**-80.00**	0.015	-36.19			
-4.75	0.178	-14.99	**-35.00**	0.022	-33.15	**-81.00**	0.011	-38.79			
-5.00	0.173	-15.21	**-36.00**	0.032	-30.03	**-82.00**	0.010	-40.00			
-5.25	0.170	-15.39	**-37.00**	0.029	-30.90	**-83.00**	0.011	-39.17			
-5.50	0.165	-15.68	**-38.00**	0.023	-32.77	**-84.00**	0.012	-38.42			
-5.75	0.156	-16.14	**-39.00**	0.033	-29.76	**-85.00**	0.012	-38.42			
-6.00	0.143	-16.89	**-40.00**	0.026	-31.87	**-86.00**	0.011	-39.17			
-6.25	0.129	-17.79	**-41.00**	0.025	-32.22	**-87.00**	0.009	-40.92			