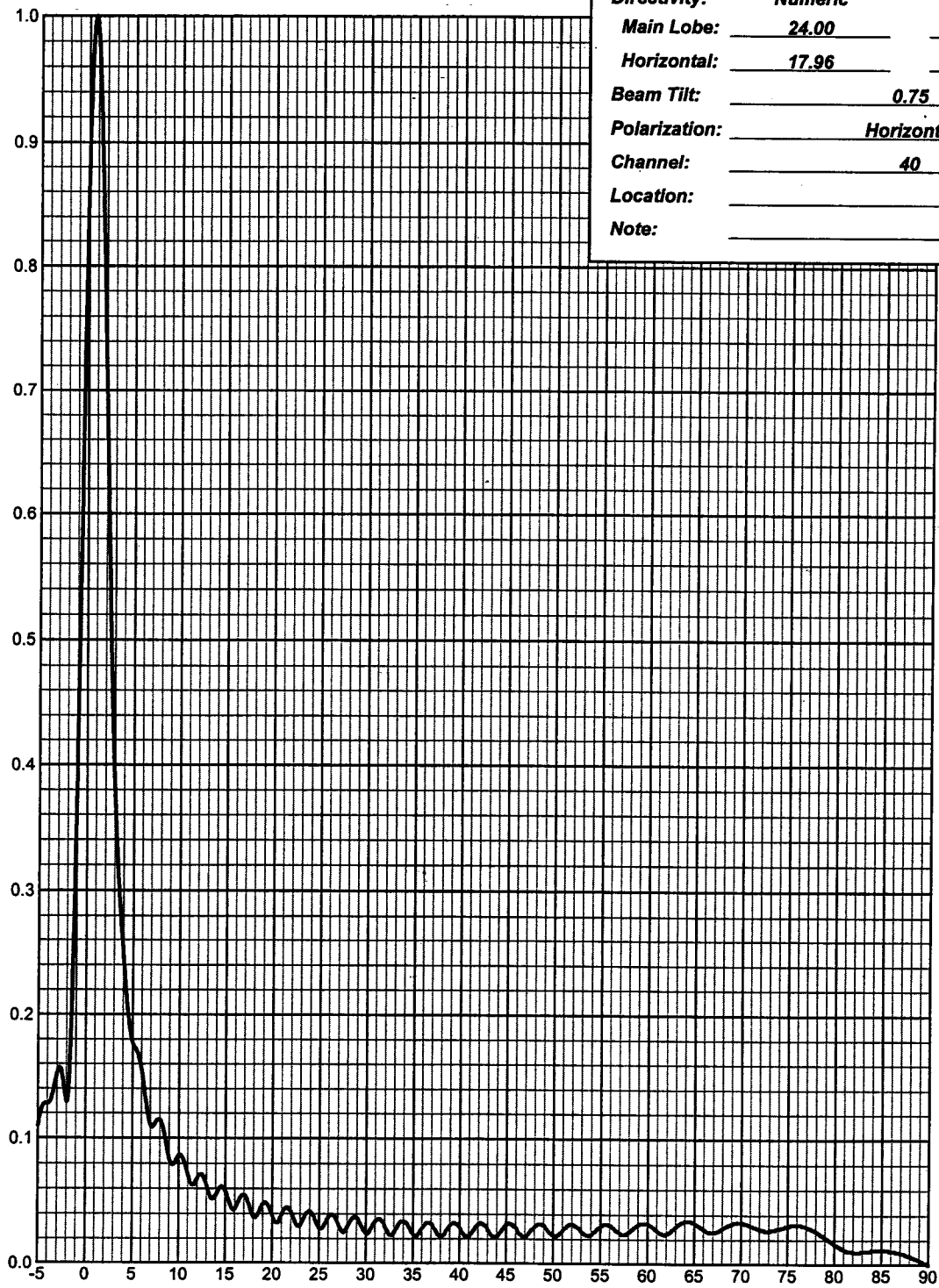


**ANDREW.****ELEVATION PATTERN**

Type:	ATW24HS3H	
Directivity:	Numeric	dBd
Main Lobe:	24.00	13.80
Horizontal:	17.96	12.54
Beam Tilt:	0.75	
Polarization:	Horizontal	
Channel:	40	
Location:		
Note:		

Relative Field

**ANDREW.**

ANDREW CORPORATION
 10500 W. 153rd Street
 Orland Park, Illinois U.S.A 60462

**ANDREW.****ELEVATION TABULATED DATA**Type: ATW24HS3HPolarization: Horizontal

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
-5.00	0.110	-19.17	6.50	0.129	-17.79	42.00	0.032	-29.90	88.00	0.007	-43.10
-4.75	0.119	-18.45	6.75	0.117	-18.64	43.00	0.027	-31.37	89.00	0.004	-47.96
-4.50	0.126	-17.99	7.00	0.110	-19.17	44.00	0.022	-33.15	90.00	0.000	0.00
-4.25	0.128	-17.86	7.25	0.110	-19.21	45.00	0.032	-29.90			
-4.00	0.128	-17.86	7.50	0.112	-19.02	46.00	0.029	-30.75			
-3.75	0.130	-17.75	7.75	0.115	-18.79	47.00	0.022	-33.15			
-3.50	0.135	-17.39	8.00	0.115	-18.79	48.00	0.030	-30.46			
-3.25	0.144	-16.83	8.25	0.110	-19.17	49.00	0.031	-30.17			
-3.00	0.153	-16.31	8.50	0.102	-19.83	50.00	0.023	-32.77			
-2.75	0.157	-16.08	8.75	0.092	-20.72	51.00	0.027	-31.37			
-2.50	0.153	-16.31	9.00	0.083	-21.62	52.00	0.032	-29.90			
-2.25	0.140	-17.08	9.25	0.080	-21.99	53.00	0.026	-31.70			
-2.00	0.129	-17.79	9.50	0.080	-21.94	54.00	0.024	-32.40			
-1.75	0.145	-16.80	9.75	0.084	-21.57	55.00	0.030	-30.46			
-1.50	0.203	-13.85	10.00	0.087	-21.21	56.00	0.031	-30.17			
-1.25	0.296	-10.56	11.00	0.070	-23.10	57.00	0.025	-32.04			
-1.00	0.410	-7.74	12.00	0.068	-23.35	58.00	0.026	-31.70			
-0.75	0.532	-5.48	13.00	0.062	-24.15	59.00	0.032	-29.90			
-0.50	0.655	-3.68	14.00	0.055	-25.19	60.00	0.033	-29.63			
-0.25	0.768	-2.29	15.00	0.058	-24.73	61.00	0.027	-31.37			
0.00	0.865	-1.26	16.00	0.044	-27.13	62.00	0.025	-32.04			
0.25	0.939	-0.55	17.00	0.055	-25.19	63.00	0.030	-30.46			
0.50	0.985	-0.13	18.00	0.037	-28.64	64.00	0.035	-29.12			
0.75	1.000	0.00	19.00	0.048	-26.38	65.00	0.033	-29.63			
1.00	0.986	-0.12	20.00	0.038	-28.40	66.00	0.028	-31.06			
1.25	0.942	-0.52	21.00	0.039	-28.18	67.00	0.026	-31.70			
1.50	0.876	-1.15	22.00	0.041	-27.74	68.00	0.029	-30.75			
1.75	0.792	-2.03	23.00	0.031	-30.17	69.00	0.033	-29.63			
2.00	0.699	-3.11	24.00	0.042	-27.54	70.00	0.034	-29.37			
2.25	0.603	-4.39	25.00	0.028	-31.06	71.00	0.031	-30.17			
2.50	0.515	-5.76	26.00	0.038	-28.40	72.00	0.028	-31.06			
2.75	0.440	-7.14	27.00	0.032	-29.90	73.00	0.027	-31.37			
3.00	0.379	-8.43	28.00	0.029	-30.75	74.00	0.029	-30.75			
3.25	0.335	-9.51	29.00	0.037	-28.64	75.00	0.031	-30.17			
3.50	0.301	-10.43	30.00	0.024	-32.40	76.00	0.032	-29.90			
3.75	0.273	-11.28	31.00	0.034	-29.37	77.00	0.030	-30.46			
4.00	0.248	-12.11	32.00	0.030	-30.46	78.00	0.027	-31.37			
4.25	0.224	-13.01	33.00	0.025	-32.04	79.00	0.022	-33.15			
4.50	0.203	-13.85	34.00	0.034	-29.37	80.00	0.016	-35.92			
4.75	0.188	-14.54	35.00	0.024	-32.40	81.00	0.012	-38.42			
5.00	0.178	-14.99	36.00	0.029	-30.75	82.00	0.010	-40.00			
5.25	0.173	-15.21	37.00	0.032	-29.90	83.00	0.011	-39.17			
5.50	0.170	-15.39	38.00	0.022	-33.15	84.00	0.012	-38.42			
5.75	0.165	-15.68	39.00	0.031	-30.17	85.00	0.012	-38.42			
6.00	0.156	-16.14	40.00	0.029	-30.75	86.00	0.011	-39.17			
6.25	0.143	-16.89	41.00	0.022	-33.15	87.00	0.009	-40.92			

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