

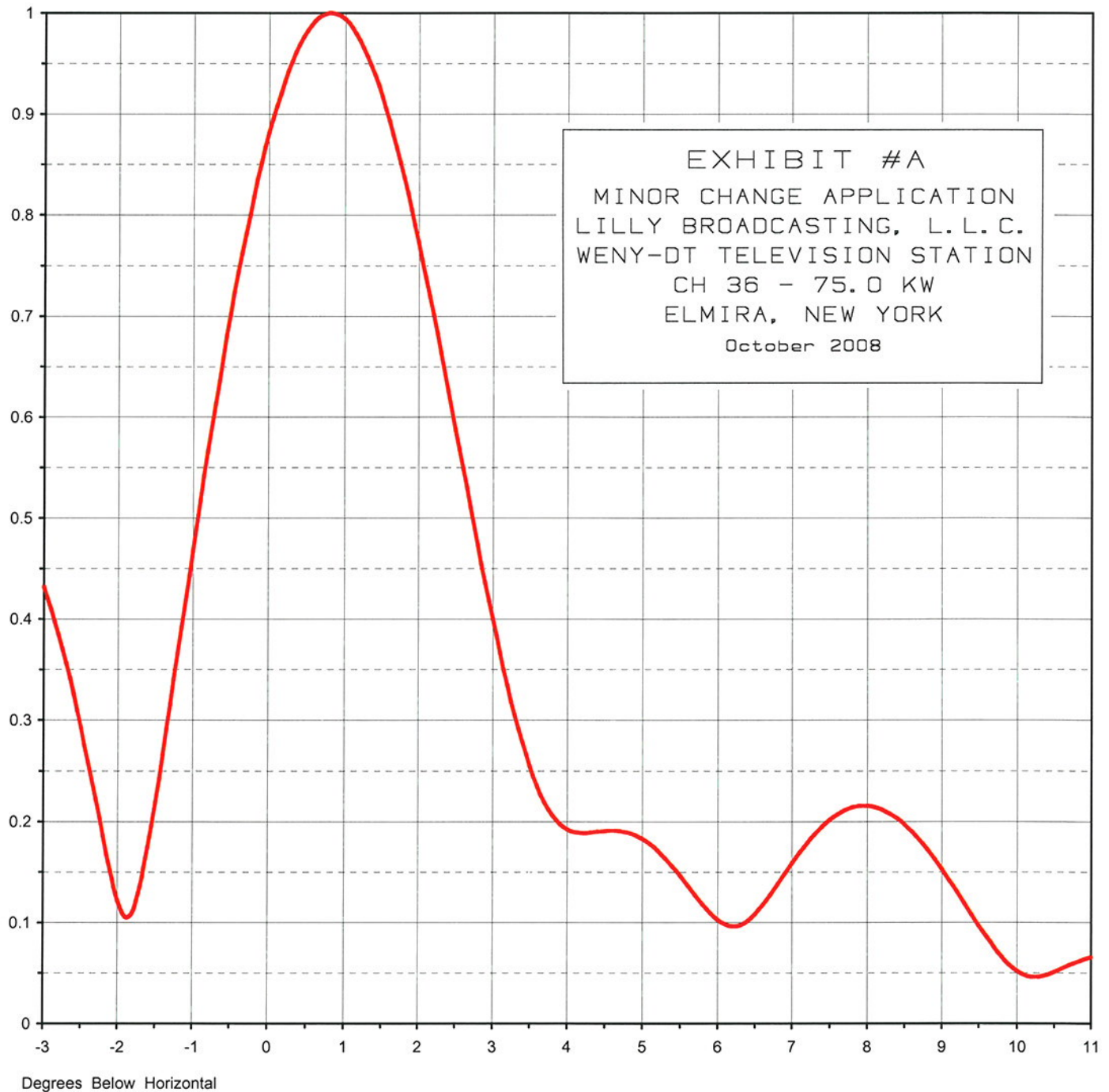


Proposal Number	<b>DCA-11376</b>	
Date	<b>26-Jan-06</b>	
Call Letters	<b>WENY-DT</b>	Channel <b>36</b>
Location	<b>Elmira, NY</b>	
Customer		
Antenna Type	<b>TUA-C4SP-8/28M-1-T</b>	

### ELEVATION PATTERN

RMS Gain at Main Lobe	<b>14.60 ( 11.64 dB )</b>
RMS Gain at Horizontal	<b>11.30 ( 10.53 dB )</b>
Calculated / Measured	<b>Calculated</b>

Beam Tilt	<b>0.75 deg</b>
Frequency	<b>605.00 MHz</b>
Drawing #	<b>08U156075</b>

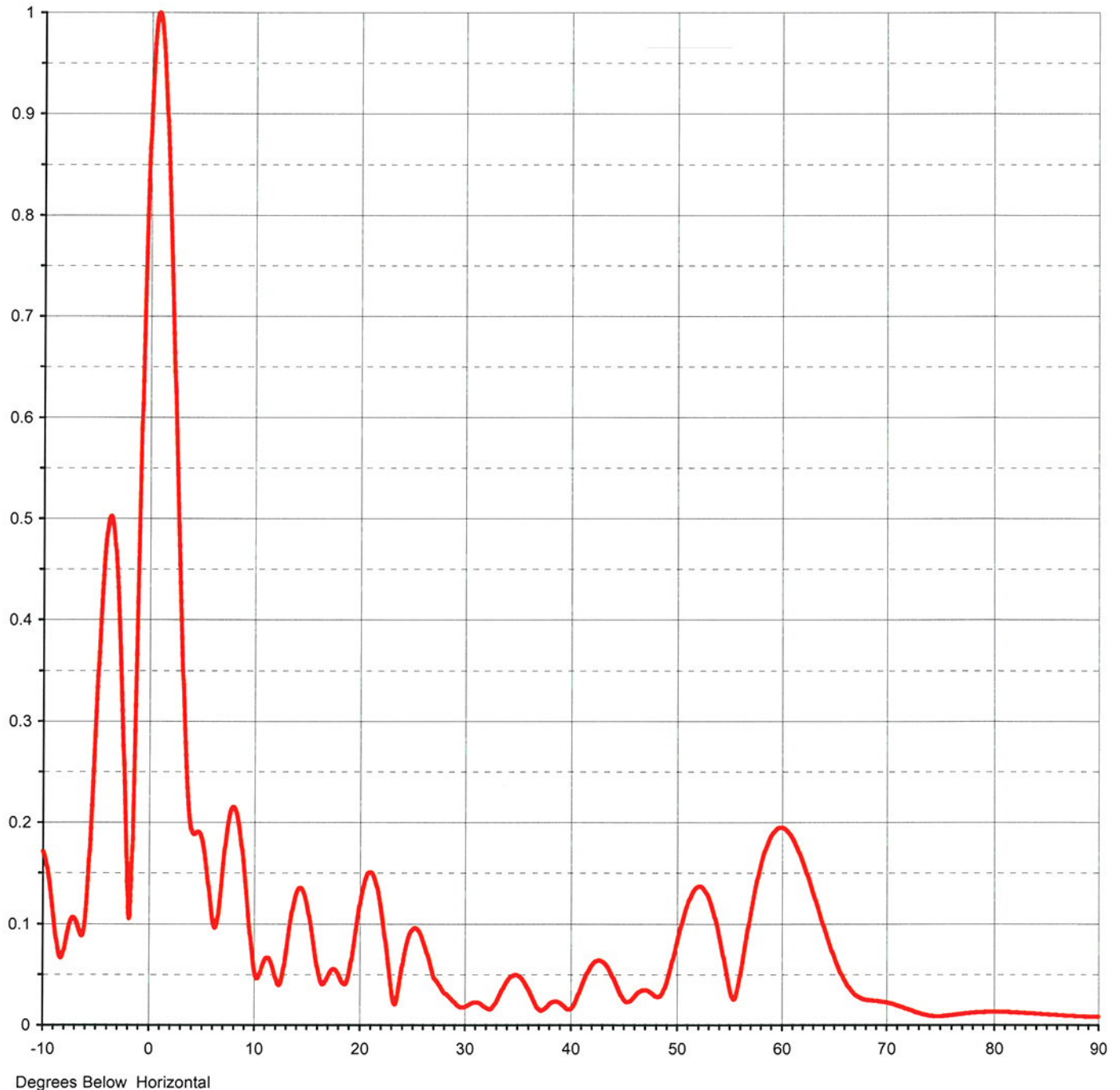




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Date	26-Jan-06	
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Customer		
Antenna Type	TUA-C4SP-8/28M-1-T	

## ELEVATION PATTERN

RMS Gain at Main Lobe	14.60 ( 11.64 dB )	Beam Tilt	0.75 deg
RMS Gain at Horizontal	11.30 ( 10.53 dB )	Frequency	605.00 MHz
Calculated / Measured	Calculated	Drawing #	08U156075-90







Proposal Number **DCA-11376**

Date **26-Jan-06**

Call Letters **WENY-DT**

Channel **36**

Location **Elmira, NY**

Customer

Antenna Type **TUA-C4SP-8/28M-1-T**

## TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **08U156075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.171	2.4	0.626	10.6	0.051	30.5	0.020	51.0	0.116	71.5	0.017
-9.5	0.149	2.6	0.549	10.8	0.058	31.0	0.022	51.5	0.129	72.0	0.015
-9.0	0.108	2.8	0.473	11.0	0.063	31.5	0.021	52.0	0.136	72.5	0.014
-8.5	0.071	3.0	0.401	11.5	0.065	32.0	0.018	52.5	0.135	73.0	0.012
-8.0	0.074	3.2	0.335	12.0	0.050	32.5	0.016	53.0	0.127	73.5	0.010
-7.5	0.099	3.4	0.278	12.5	0.040	33.0	0.021	53.5	0.112	74.0	0.009
-7.0	0.105	3.6	0.235	13.0	0.066	33.5	0.032	54.0	0.092	74.5	0.009
-6.5	0.091	3.8	0.206	13.5	0.102	34.0	0.042	54.5	0.066	75.0	0.009
-6.0	0.107	4.0	0.192	14.0	0.128	34.5	0.048	55.0	0.039	75.5	0.009
-5.5	0.194	4.2	0.188	14.5	0.135	35.0	0.049	55.5	0.025	76.0	0.010
-5.0	0.310	4.4	0.190	15.0	0.123	35.5	0.045	56.0	0.044	76.5	0.010
-4.5	0.418	4.6	0.191	15.5	0.095	36.0	0.037	56.5	0.074	77.0	0.011
-4.0	0.489	4.8	0.189	16.0	0.062	36.5	0.026	57.0	0.104	77.5	0.012
-3.5	0.498	5.0	0.182	16.5	0.041	37.0	0.016	57.5	0.131	78.0	0.012
-3.0	0.432	5.2	0.171	17.0	0.046	37.5	0.015	58.0	0.154	78.5	0.013
-2.8	0.384	5.4	0.155	17.5	0.055	38.0	0.020	58.5	0.172	79.0	0.013
-2.6	0.326	5.6	0.136	18.0	0.051	38.5	0.023	59.0	0.185	79.5	0.013
-2.4	0.258	5.8	0.117	18.5	0.041	39.0	0.022	59.5	0.192	80.0	0.013
-2.2	0.186	6.0	0.102	19.0	0.048	39.5	0.018	60.0	0.195	80.5	0.013
-2.0	0.122	6.2	0.096	19.5	0.079	40.0	0.015	60.5	0.192	81.0	0.013
-1.8	0.110	6.4	0.101	20.0	0.113	40.5	0.022	61.0	0.186	81.5	0.013
-1.6	0.174	6.6	0.117	20.5	0.140	41.0	0.035	61.5	0.176	82.0	0.013
-1.4	0.266	6.8	0.137	21.0	0.151	41.5	0.047	62.0	0.163	82.5	0.012
-1.2	0.366	7.0	0.159	21.5	0.144	42.0	0.058	62.5	0.148	83.0	0.012
-1.0	0.468	7.2	0.178	22.0	0.119	42.5	0.063	63.0	0.132	83.5	0.012
-0.8	0.566	7.4	0.195	22.5	0.082	43.0	0.063	63.5	0.116	84.0	0.011
-0.6	0.658	7.6	0.207	23.0	0.040	43.5	0.058	64.0	0.100	84.5	0.011
-0.4	0.743	7.8	0.213	23.5	0.023	44.0	0.049	64.5	0.081	85.0	0.010
-0.2	0.818	8.0	0.215	24.0	0.053	44.5	0.037	65.0	0.066	85.5	0.010
0.0	0.881	8.2	0.211	24.5	0.079	45.0	0.026	65.5	0.054	86.0	0.010
0.2	0.932	8.4	0.203	25.0	0.094	45.5	0.023	66.0	0.043	86.5	0.010
0.4	0.969	8.6	0.190	25.5	0.095	46.0	0.027	66.5	0.035	87.0	0.009
0.6	0.992	8.8	0.172	26.0	0.085	46.5	0.032	67.0	0.030	87.5	0.009
0.8	1.000	9.0	0.153	26.5	0.069	47.0	0.034	67.5	0.026	88.0	0.009
1.0	0.994	9.2	0.131	27.0	0.051	47.5	0.033	68.0	0.025	88.5	0.009
1.2	0.973	9.4	0.108	27.5	0.041	48.0	0.029	68.5	0.024	89.0	0.008
1.4	0.939	9.6	0.086	28.0	0.033	48.5	0.029	69.0	0.024	89.5	0.008
1.6	0.893	9.8	0.075	28.5	0.029	49.0	0.039	69.5	0.023	90.0	0.008
1.8	0.837	10.0	0.058	29.0	0.023	49.5	0.057	70.0	0.022		
2.0	0.773	10.2	0.048	29.5	0.019	50.0	0.078	70.5	0.021		
2.2	0.701	10.4	0.046	30.0	0.018	50.5	0.099	71.0	0.019		