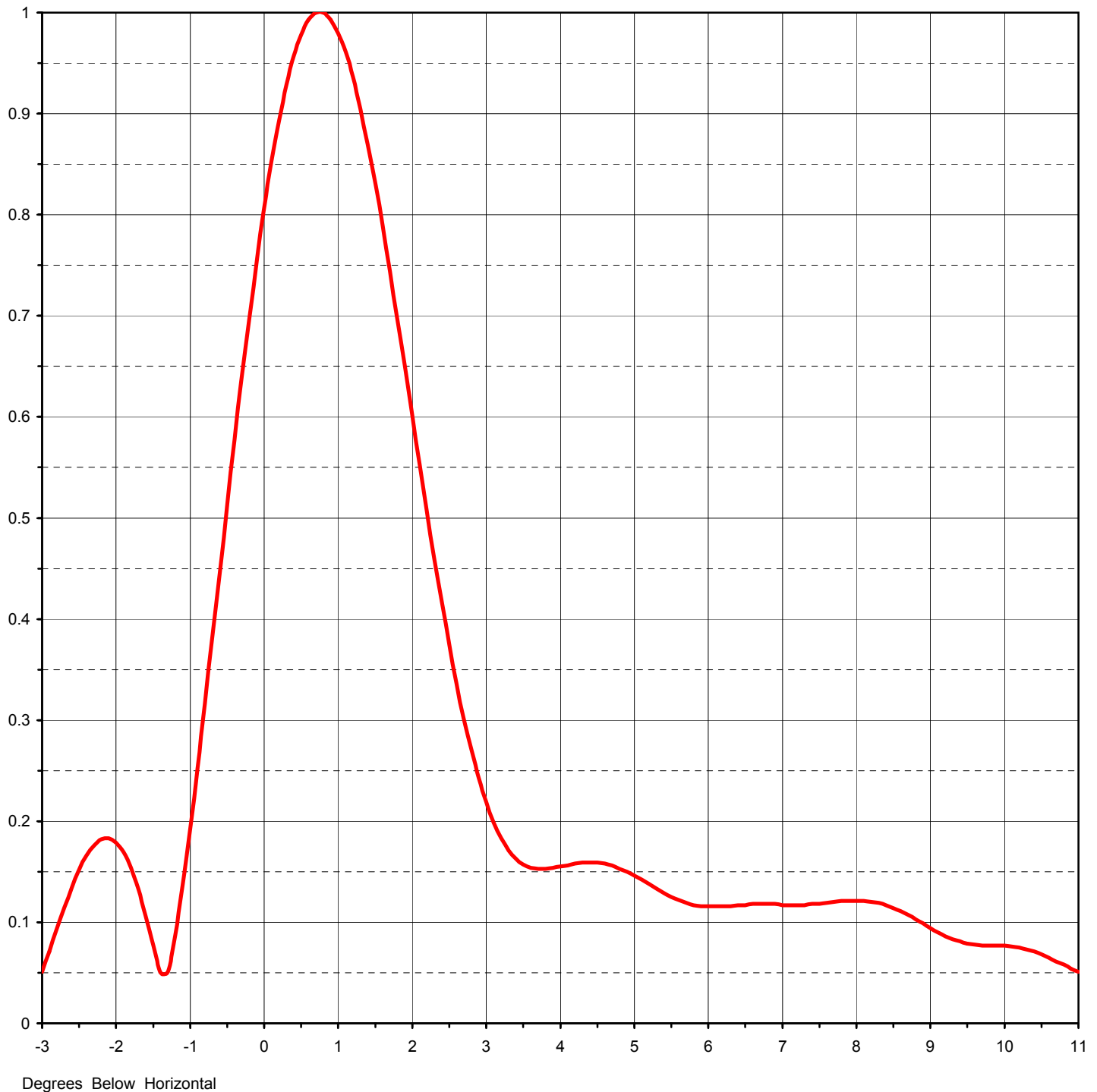




Proposal Number	<b>DCA-10624</b>		
Date	<b>3-Aug-04</b>		
Call Letters	<b>WFLI-DT</b>	Channel	<b>42</b>
Location	<b>Cleveland, TN</b>		
Customer			
Antenna Type	<b>TFU-30DSC-R 4C140</b>		

## ELEVATION PATTERN

RMS Gain at Main Lobe	<b>25.50 ( 14.07 dB )</b>	Beam Tilt	<b>0.75 deg</b>
RMS Gain at Horizontal	<b>16.60 ( 12.20 dB )</b>	Frequency	<b>641.00 MHz</b>
Calculated / Measured	<b>Calculated</b>	Drawing #	<b>30Q255075</b>

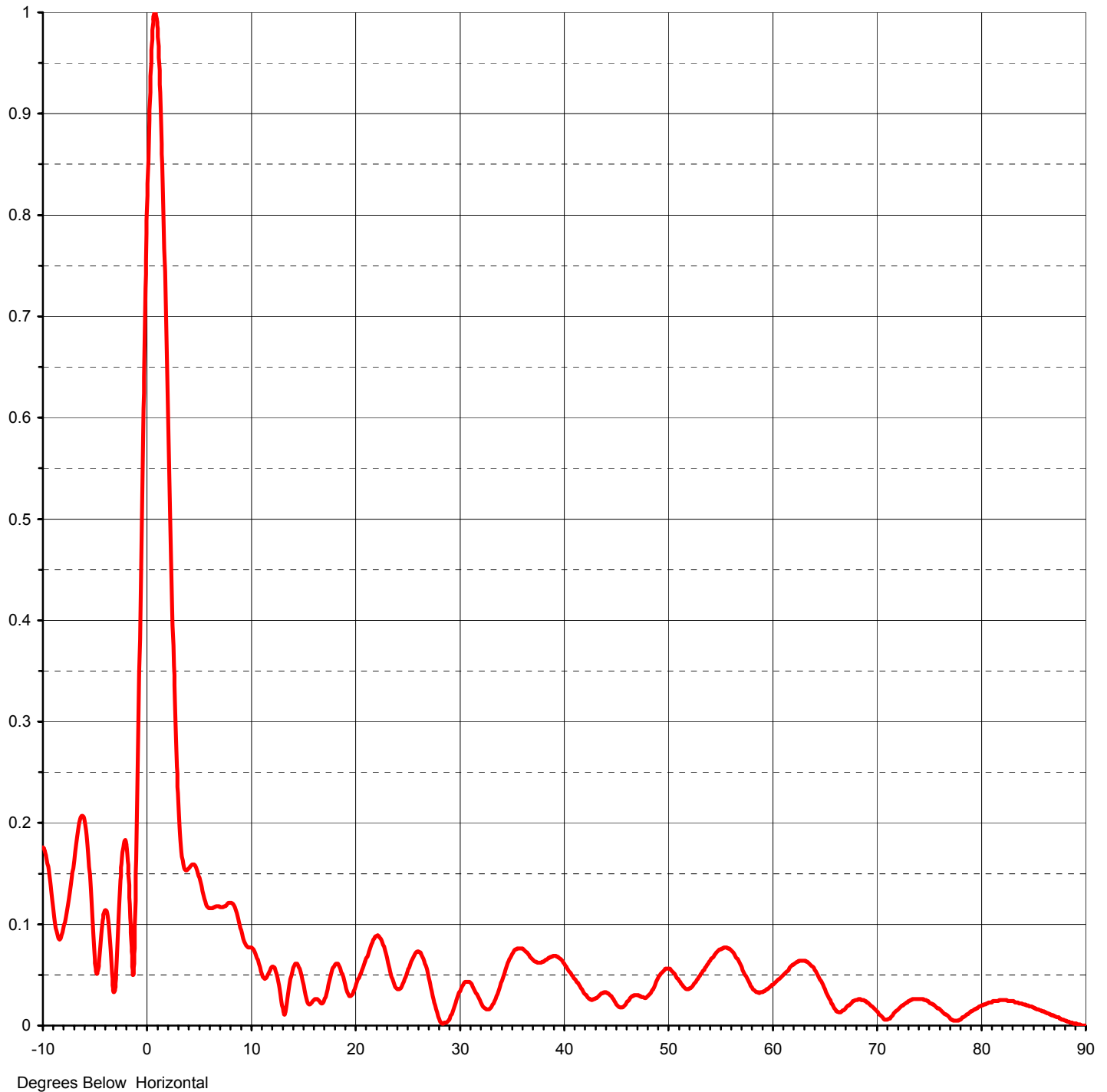




Proposal Number	<b>DCA-10624</b>		
Date	<b>3-Aug-04</b>		
Call Letters	<b>WFLI-DT</b>	Channel	<b>42</b>
Location	<b>Cleveland, TN</b>		
Customer			
Antenna Type	<b>TFU-30DSC-R 4C140</b>		

## ELEVATION PATTERN

RMS Gain at Main Lobe	<b>25.50 ( 14.07 dB )</b>	Beam Tilt	<b>0.75 deg</b>
RMS Gain at Horizontal	<b>16.60 ( 12.20 dB )</b>	Frequency	<b>641.00 MHz</b>
Calculated / Measured	<b>Calculated</b>	Drawing #	<b>30Q255075-90</b>





Proposal Number **DCA-10624**  
 Date **3-Aug-04**  
 Call Letters **WFLI-DT** Channel **42**  
 Location **Cleveland, TN**  
 Customer  
 Antenna Type **TFU-30DSC-R 4C140**

## TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **30Q255075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.176	2.4	0.416	10.6	0.068	30.5	0.042	51.0	0.046	71.5	0.010
-9.5	0.157	2.6	0.336	10.8	0.061	31.0	0.043	51.5	0.039	72.0	0.016
-9.0	0.116	2.8	0.270	11.0	0.054	31.5	0.035	52.0	0.036	72.5	0.020
-8.5	0.086	3.0	0.219	11.5	0.047	32.0	0.025	52.5	0.040	73.0	0.024
-8.0	0.097	3.2	0.183	12.0	0.057	32.5	0.017	53.0	0.048	73.5	0.026
-7.5	0.125	3.4	0.163	12.5	0.051	33.0	0.017	53.5	0.055	74.0	0.026
-7.0	0.163	3.6	0.154	13.0	0.023	33.5	0.026	54.0	0.063	74.5	0.025
-6.5	0.200	3.8	0.153	13.5	0.023	34.0	0.040	54.5	0.070	75.0	0.023
-6.0	0.202	4.0	0.155	14.0	0.053	34.5	0.056	55.0	0.075	75.5	0.020
-5.5	0.149	4.2	0.158	14.5	0.061	35.0	0.069	55.5	0.077	76.0	0.016
-5.0	0.065	4.4	0.159	15.0	0.044	35.5	0.075	56.0	0.075	76.5	0.011
-4.5	0.078	4.6	0.158	15.5	0.023	36.0	0.076	56.5	0.069	77.0	0.007
-4.0	0.114	4.8	0.153	16.0	0.024	36.5	0.072	57.0	0.060	77.5	0.005
-3.5	0.075	5.0	0.146	16.5	0.025	37.0	0.066	57.5	0.049	78.0	0.006
-3.0	0.051	5.2	0.138	17.0	0.023	37.5	0.062	58.0	0.039	78.5	0.010
-2.8	0.093	5.4	0.129	17.5	0.041	38.0	0.063	58.5	0.033	79.0	0.014
-2.6	0.134	5.6	0.122	18.0	0.058	38.5	0.066	59.0	0.033	79.5	0.017
-2.4	0.166	5.8	0.117	18.5	0.059	39.0	0.069	59.5	0.036	80.0	0.020
-2.2	0.182	6.0	0.116	19.0	0.044	39.5	0.068	60.0	0.040	80.5	0.022
-2.0	0.179	6.2	0.116	19.5	0.029	40.0	0.062	60.5	0.044	81.0	0.023
-1.8	0.154	6.4	0.117	20.0	0.036	40.5	0.055	61.0	0.049	81.5	0.024
-1.6	0.106	6.6	0.118	20.5	0.050	41.0	0.047	61.5	0.054	82.0	0.025
-1.4	0.050	6.8	0.118	21.0	0.063	41.5	0.040	62.0	0.060	82.5	0.024
-1.2	0.087	7.0	0.117	21.5	0.077	42.0	0.032	62.5	0.063	83.0	0.024
-1.0	0.193	7.2	0.117	22.0	0.088	42.5	0.026	63.0	0.064	83.5	0.023
-0.8	0.316	7.4	0.118	22.5	0.086	43.0	0.026	63.5	0.062	84.0	0.021
-0.6	0.447	7.6	0.119	23.0	0.071	43.5	0.030	64.0	0.057	84.5	0.020
-0.4	0.577	7.8	0.121	23.5	0.050	44.0	0.033	64.5	0.046	85.0	0.018
-0.2	0.699	8.0	0.121	24.0	0.037	44.5	0.030	65.0	0.036	85.5	0.016
0.0	0.807	8.2	0.120	24.5	0.039	45.0	0.023	65.5	0.025	86.0	0.014
0.2	0.894	8.4	0.117	25.0	0.051	45.5	0.018	66.0	0.016	86.5	0.011
0.4	0.957	8.6	0.111	25.5	0.065	46.0	0.021	66.5	0.013	87.0	0.009
0.6	0.993	8.8	0.103	26.0	0.073	46.5	0.028	67.0	0.017	87.5	0.007
0.8	1.000	9.0	0.094	26.5	0.068	47.0	0.030	67.5	0.022	88.0	0.005
1.0	0.980	9.2	0.086	27.0	0.052	47.5	0.028	68.0	0.025	88.5	0.003
1.2	0.936	9.4	0.081	27.5	0.029	48.0	0.028	68.5	0.025	89.0	0.002
1.4	0.870	9.6	0.078	28.0	0.009	48.5	0.034	69.0	0.023	89.5	0.001
1.6	0.789	9.8	0.077	28.5	0.002	49.0	0.045	69.5	0.019	90.0	0.000
1.8	0.697	10.0	0.077	29.0	0.005	49.5	0.053	70.0	0.014		
2.0	0.601	10.2	0.076	29.5	0.017	50.0	0.056	70.5	0.008		
2.2	0.506	10.4	0.073	30.0	0.032	50.5	0.053	71.0	0.006		