

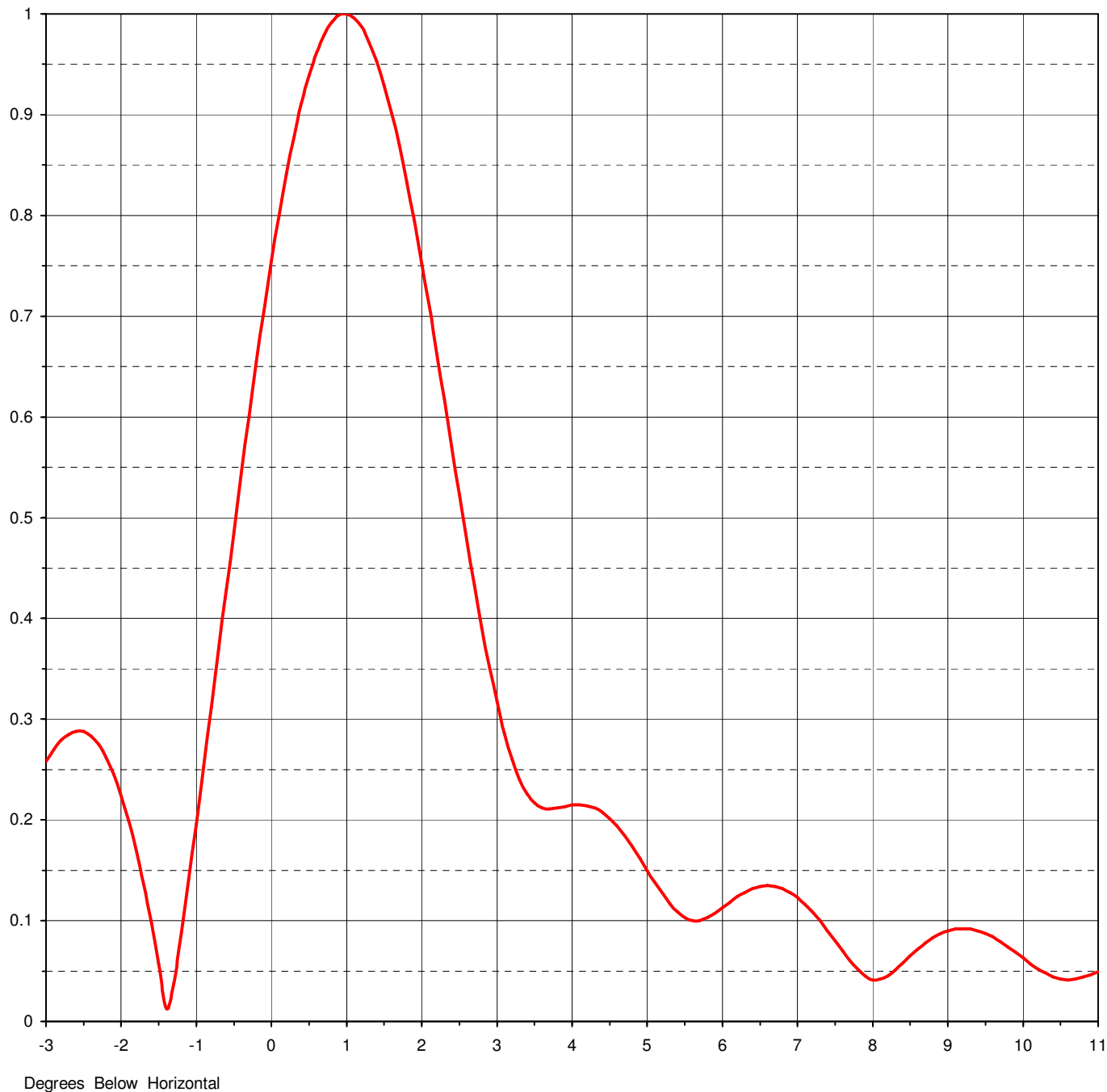


Proposal Number	C-x	
Date	20-Jun-08	
Call Letters	WCAU	Channel 34
Location	Philadelphia, PA	
Customer		
Antenna Type	TFU-24JTH/VP-R O6	

ELEVATION PATTERN

RMS Gain at Main Lobe	24.00 (13.80 dB)
RMS Gain at Horizontal	13.70 (11.37 dB)
Calculated / Measured	Calculated

Beam Tilt	1.00 deg
Frequency	593.00 MHz
Drawing #	24J240100

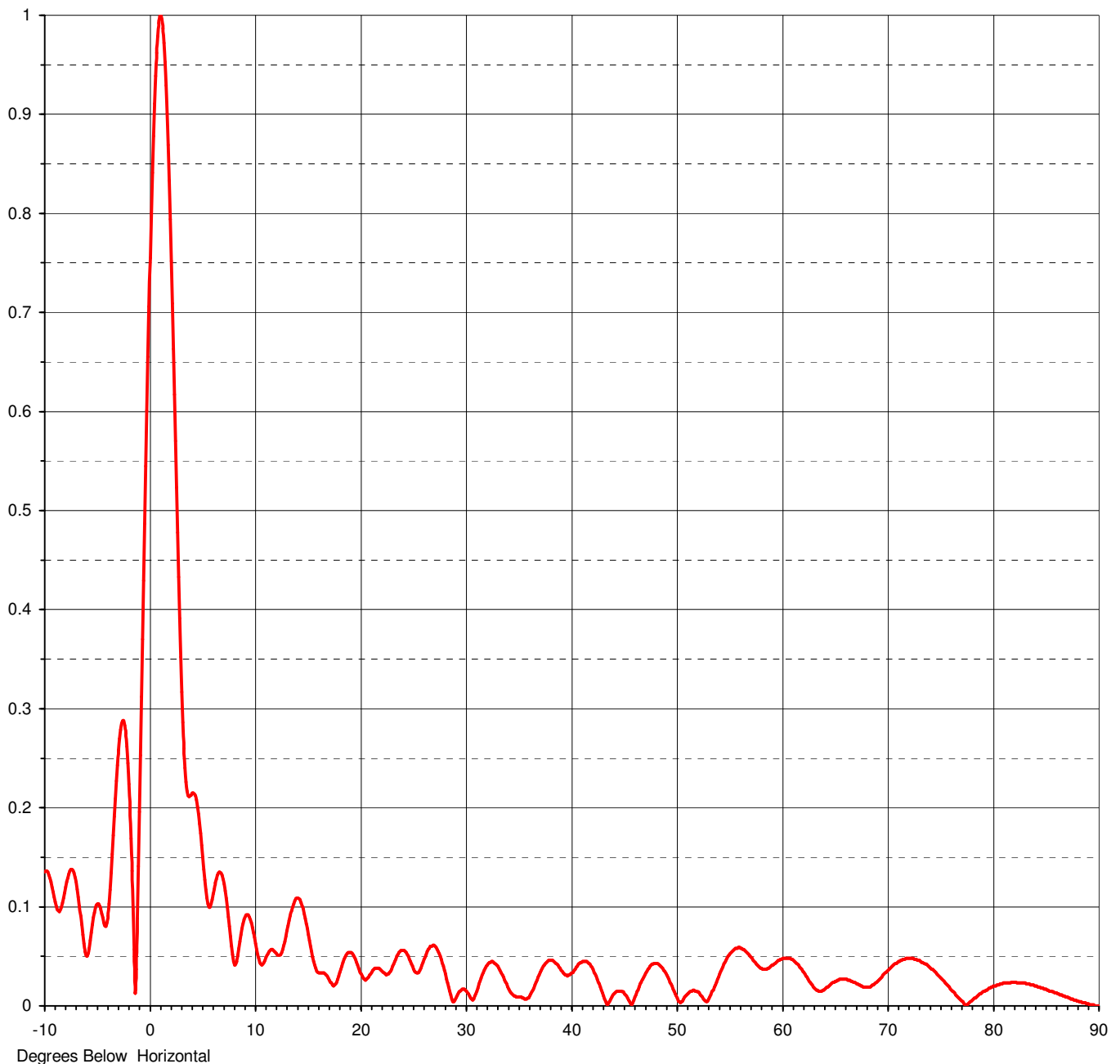




Proposal Number	C-x		
Date	20-Jun-08		
Call Letters	WCAU	Channel	34
Location	Philadelphia, PA		
Customer			
Antenna Type	TFU-24JTH/VP-R O6		

ELEVATION PATTERN

RMS Gain at Main Lobe	24.00 (13.80 dB)	Beam Tilt	1.00 deg
RMS Gain at Horizontal	13.70 (11.37 dB)	Frequency	593.00 MHz
Calculated / Measured	Calculated	Drawing #	24J240100-90



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Proposal Number **C-x**
Date **20-Jun-08**
Call Letters **WCAU** Channel **34**
Location **Philadelphia, PA**
Customer
Antenna Type **TFU-24JTH/VP-R 06**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **24J240100-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.135	2.4	0.570	10.6	0.042	30.5	0.008	51.0	0.011	71.5	0.047
-9.5	0.129	2.6	0.478	10.8	0.042	31.0	0.012	51.5	0.015	72.0	0.048
-9.0	0.105	2.8	0.391	11.0	0.046	31.5	0.028	52.0	0.014	72.5	0.047
-8.5	0.097	3.0	0.317	11.5	0.056	32.0	0.040	52.5	0.009	73.0	0.046
-8.0	0.120	3.2	0.260	12.0	0.054	32.5	0.045	53.0	0.005	73.5	0.042
-7.5	0.138	3.4	0.226	12.5	0.052	33.0	0.041	53.5	0.016	74.0	0.038
-7.0	0.125	3.6	0.212	13.0	0.070	33.5	0.031	54.0	0.029	74.5	0.034
-6.5	0.082	3.8	0.212	13.5	0.096	34.0	0.019	54.5	0.042	75.0	0.028
-6.0	0.050	4.0	0.215	14.0	0.109	34.5	0.011	55.0	0.051	75.5	0.022
-5.5	0.082	4.2	0.214	14.5	0.101	35.0	0.009	55.5	0.057	76.0	0.016
-5.0	0.103	4.4	0.208	15.0	0.078	35.5	0.008	56.0	0.059	76.5	0.010
-4.5	0.089	4.6	0.194	15.5	0.049	36.0	0.008	56.5	0.056	77.0	0.005
-4.0	0.091	4.8	0.174	16.0	0.034	36.5	0.018	57.0	0.050	77.5	0.001
-3.5	0.172	5.0	0.150	16.5	0.033	37.0	0.031	57.5	0.044	78.0	0.006
-3.0	0.258	5.2	0.127	17.0	0.028	37.5	0.041	58.0	0.038	78.5	0.010
-2.8	0.279	5.4	0.109	17.5	0.020	38.0	0.046	58.5	0.037	79.0	0.014
-2.6	0.288	5.6	0.100	18.0	0.030	38.5	0.044	59.0	0.040	79.5	0.017
-2.4	0.283	5.8	0.103	18.5	0.047	39.0	0.038	59.5	0.044	80.0	0.020
-2.2	0.262	6.0	0.113	19.0	0.054	39.5	0.031	60.0	0.047	80.5	0.021
-2.0	0.224	6.2	0.124	19.5	0.049	40.0	0.032	60.5	0.048	81.0	0.023
-1.8	0.169	6.4	0.132	20.0	0.035	40.5	0.039	61.0	0.047	81.5	0.023
-1.6	0.098	6.6	0.135	20.5	0.026	41.0	0.044	61.5	0.042	82.0	0.024
-1.4	0.013	6.8	0.132	21.0	0.032	41.5	0.045	62.0	0.035	82.5	0.023
-1.2	0.088	7.0	0.123	21.5	0.038	42.0	0.039	62.5	0.027	83.0	0.023
-1.0	0.196	7.2	0.109	22.0	0.036	42.5	0.027	63.0	0.019	83.5	0.021
-0.8	0.312	7.4	0.090	22.5	0.031	43.0	0.013	63.5	0.015	84.0	0.020
-0.6	0.429	7.6	0.070	23.0	0.037	43.5	0.001	64.0	0.016	84.5	0.018
-0.4	0.545	7.8	0.052	23.5	0.050	44.0	0.011	64.5	0.021	85.0	0.017
-0.2	0.655	8.0	0.041	24.0	0.056	44.5	0.015	65.0	0.025	85.5	0.015
0.0	0.755	8.2	0.045	24.5	0.052	45.0	0.014	65.5	0.027	86.0	0.013
0.2	0.841	8.4	0.058	25.0	0.040	45.5	0.006	66.0	0.027	86.5	0.011
0.4	0.911	8.6	0.072	25.5	0.033	46.0	0.006	66.5	0.025	87.0	0.009
0.6	0.962	8.8	0.083	26.0	0.044	46.5	0.019	67.0	0.022	87.5	0.007
0.8	0.992	9.0	0.090	26.5	0.057	47.0	0.031	67.5	0.020	88.0	0.005
1.0	1.000	9.2	0.092	27.0	0.061	47.5	0.040	68.0	0.019	88.5	0.003
1.2	0.987	9.4	0.090	27.5	0.053	48.0	0.043	68.5	0.021	89.0	0.002
1.4	0.953	9.6	0.084	28.0	0.036	48.5	0.040	69.0	0.025	89.5	0.001
1.6	0.901	9.8	0.079	28.5	0.015	49.0	0.033	69.5	0.031	90.0	0.000
1.8	0.833	10.0	0.069	29.0	0.006	49.5	0.022	70.0	0.036		
2.0	0.752	10.2	0.057	29.5	0.015	50.0	0.010	70.5	0.041		
2.2	0.663	10.4	0.048	30.0	0.016	50.5	0.004	71.0	0.045		

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