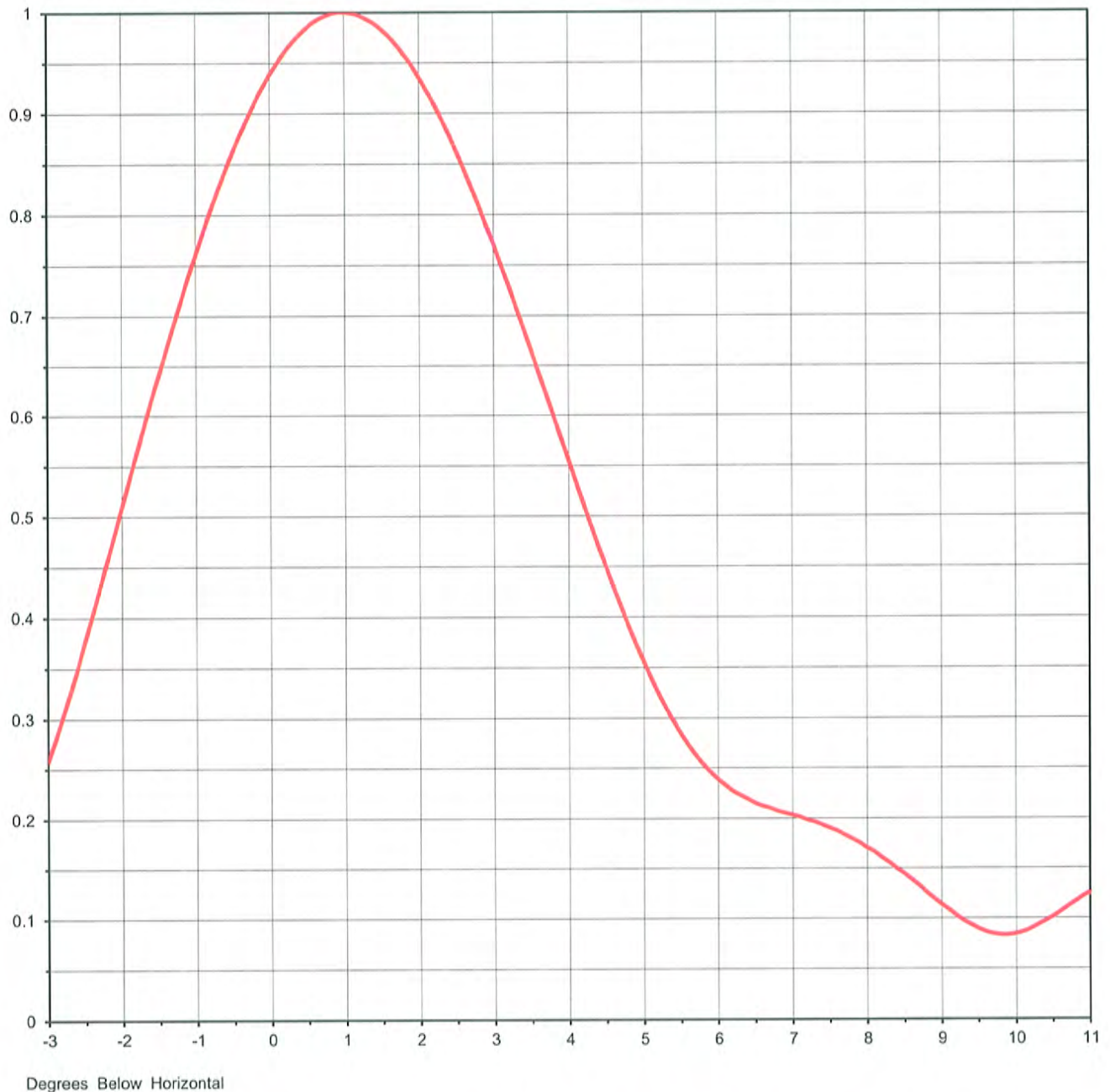




Proposal Number	C-05041	
Date	4-May-12	
Call Letters	WICU	Channel 12
Location	ERIE, PA	
Customer		
Antenna Type	THV-12A12/VP-R O4 (SP)	

ELEVATION PATTERN

RMS Gain at Main Lobe	11.50 (10.61 dB)	Beam Tilt	1.00 deg
RMS Gain at Horizontal	10.10 (10.04 dB)	Frequency	207.00 MHz
Calculated / Measured	Calculated	Drawing #	12V115100

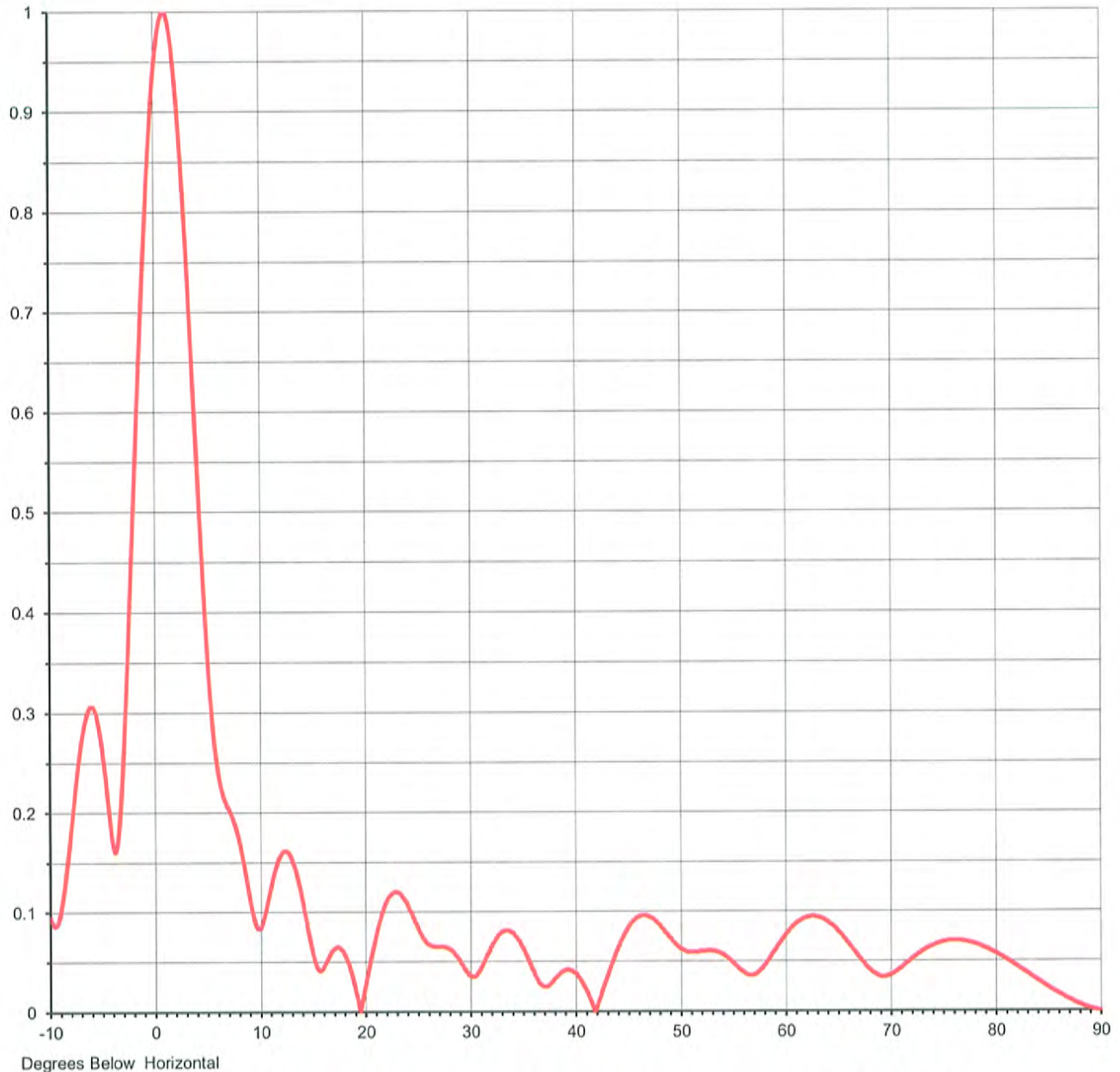




Proposal Number	C-05041	
Date	4-May-12	
Call Letters	WICU	Channel 12
Location	ERIE, PA	
Customer		
Antenna Type	THV-12A12/VP-R 04 (SP)	

ELEVATION PATTERN

RMS Gain at Main Lobe	11.50 (10.61 dB)	Beam Tilt	1.00 deg
RMS Gain at Horizontal	10.10 (10.04 dB)	Frequency	207.00 MHz
Calculated / Measured	Calculated	Drawing #	12V115100-90



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Proposal Number **C-05041**
 Date **4-May-12**
 Call Letters **WICU** Channel **12**
 Location **ERIE, PA**
 Customer
 Antenna Type **THV-12A12/VP-R O4 (SP)**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **12V115100-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.095	2.4	0.880	10.6	0.101	30.5	0.035	51.0	0.059	71.5	0.048
-9.5	0.086	2.6	0.846	10.8	0.111	31.0	0.042	51.5	0.059	72.0	0.052
-9.0	0.100	2.8	0.810	11.0	0.121	31.5	0.053	52.0	0.060	72.5	0.056
-8.5	0.137	3.0	0.771	11.5	0.143	32.0	0.064	52.5	0.060	73.0	0.060
-8.0	0.184	3.2	0.730	12.0	0.157	32.5	0.073	53.0	0.060	73.5	0.063
-7.5	0.232	3.4	0.687	12.5	0.161	33.0	0.079	53.5	0.059	74.0	0.065
-7.0	0.272	3.6	0.643	13.0	0.155	33.5	0.081	54.0	0.057	74.5	0.067
-6.5	0.298	3.8	0.599	13.5	0.139	34.0	0.079	54.5	0.054	75.0	0.069
-6.0	0.306	4.0	0.555	14.0	0.115	34.5	0.074	55.0	0.049	75.5	0.070
-5.5	0.293	4.2	0.511	14.5	0.088	35.0	0.065	55.5	0.044	76.0	0.070
-5.0	0.259	4.4	0.469	15.0	0.062	35.5	0.054	56.0	0.040	76.5	0.070
-4.5	0.210	4.6	0.429	15.5	0.044	36.0	0.042	56.5	0.036	77.0	0.069
-4.0	0.166	4.8	0.391	16.0	0.043	36.5	0.031	57.0	0.036	77.5	0.068
-3.5	0.175	5.0	0.356	16.5	0.053	37.0	0.025	57.5	0.039	78.0	0.067
-3.0	0.258	5.2	0.324	17.0	0.062	37.5	0.026	58.0	0.045	78.5	0.065
-2.8	0.303	5.4	0.297	17.5	0.065	38.0	0.032	58.5	0.052	79.0	0.062
-2.6	0.352	5.6	0.273	18.0	0.059	38.5	0.037	59.0	0.060	79.5	0.060
-2.4	0.404	5.8	0.254	18.5	0.047	39.0	0.041	59.5	0.068	80.0	0.057
-2.2	0.457	6.0	0.239	19.0	0.027	39.5	0.041	60.0	0.075	80.5	0.054
-2.0	0.510	6.2	0.227	19.5	0.004	40.0	0.039	60.5	0.082	81.0	0.051
-1.8	0.563	6.4	0.219	20.0	0.023	40.5	0.032	61.0	0.087	81.5	0.048
-1.6	0.616	6.6	0.212	20.5	0.049	41.0	0.023	61.5	0.091	82.0	0.044
-1.4	0.666	6.8	0.207	21.0	0.073	41.5	0.011	62.0	0.093	82.5	0.041
-1.2	0.715	7.0	0.203	21.5	0.093	42.0	0.003	62.5	0.095	83.0	0.037
-1.0	0.761	7.2	0.198	22.0	0.109	42.5	0.017	63.0	0.094	83.5	0.034
-0.8	0.805	7.4	0.193	22.5	0.117	43.0	0.033	63.5	0.093	84.0	0.030
-0.6	0.844	7.6	0.187	23.0	0.120	43.5	0.048	64.0	0.090	84.5	0.027
-0.4	0.880	7.8	0.179	23.5	0.117	44.0	0.061	64.5	0.085	85.0	0.023
-0.2	0.912	8.0	0.170	24.0	0.109	44.5	0.073	65.0	0.079	85.5	0.020
0.0	0.939	8.2	0.160	24.5	0.098	45.0	0.083	65.5	0.073	86.0	0.017
0.2	0.961	8.4	0.149	25.0	0.086	45.5	0.090	66.0	0.067	86.5	0.014
0.4	0.978	8.6	0.138	25.5	0.075	46.0	0.094	66.5	0.060	87.0	0.011
0.6	0.991	8.8	0.125	26.0	0.068	46.5	0.096	67.0	0.053	87.5	0.008
0.8	0.998	9.0	0.113	26.5	0.065	47.0	0.095	67.5	0.047	88.0	0.006
1.0	1.000	9.2	0.102	27.0	0.065	47.5	0.092	68.0	0.041	88.5	0.004
1.2	0.997	9.4	0.093	27.5	0.065	48.0	0.087	68.5	0.037	89.0	0.002
1.4	0.989	9.6	0.086	28.0	0.063	48.5	0.081	69.0	0.034	89.5	0.001
1.6	0.976	9.8	0.084	28.5	0.059	49.0	0.074	69.5	0.034	90.0	0.000
1.8	0.958	10.0	0.083	29.0	0.052	49.5	0.068	70.0	0.036		
2.0	0.936	10.2	0.086	29.5	0.043	50.0	0.063	70.5	0.039		
2.2	0.910	10.4	0.093	30.0	0.036	50.5	0.060	71.0	0.043		

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