

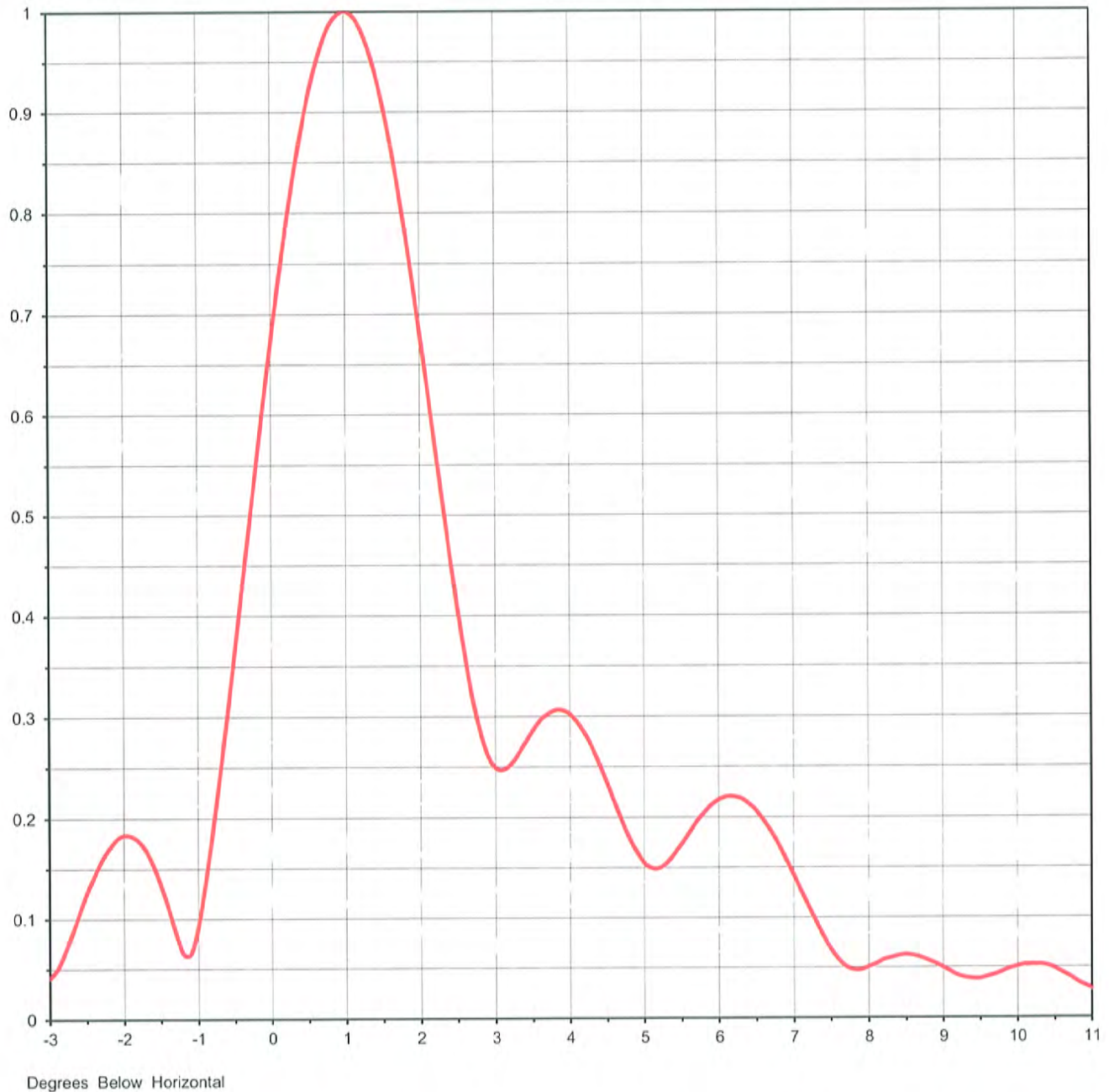


Proposal Number **C-01317**
Date **12-Jun-12**
Call Letters **WSEE-DT**
Location **Erie, PA**
Customer
Antenna Type **TLP-24M**

Revision: **1**
Channel **16**

ELEVATION PATTERN

RMS Gain at Main Lobe	22.50 (13.52 dB)	Beam Tilt	1.00 deg
RMS Gain at Horizontal	10.20 (10.09 dB)	Frequency	485.00 MHz
Calculated / Measured	Calculated	Drawing #	24L225100



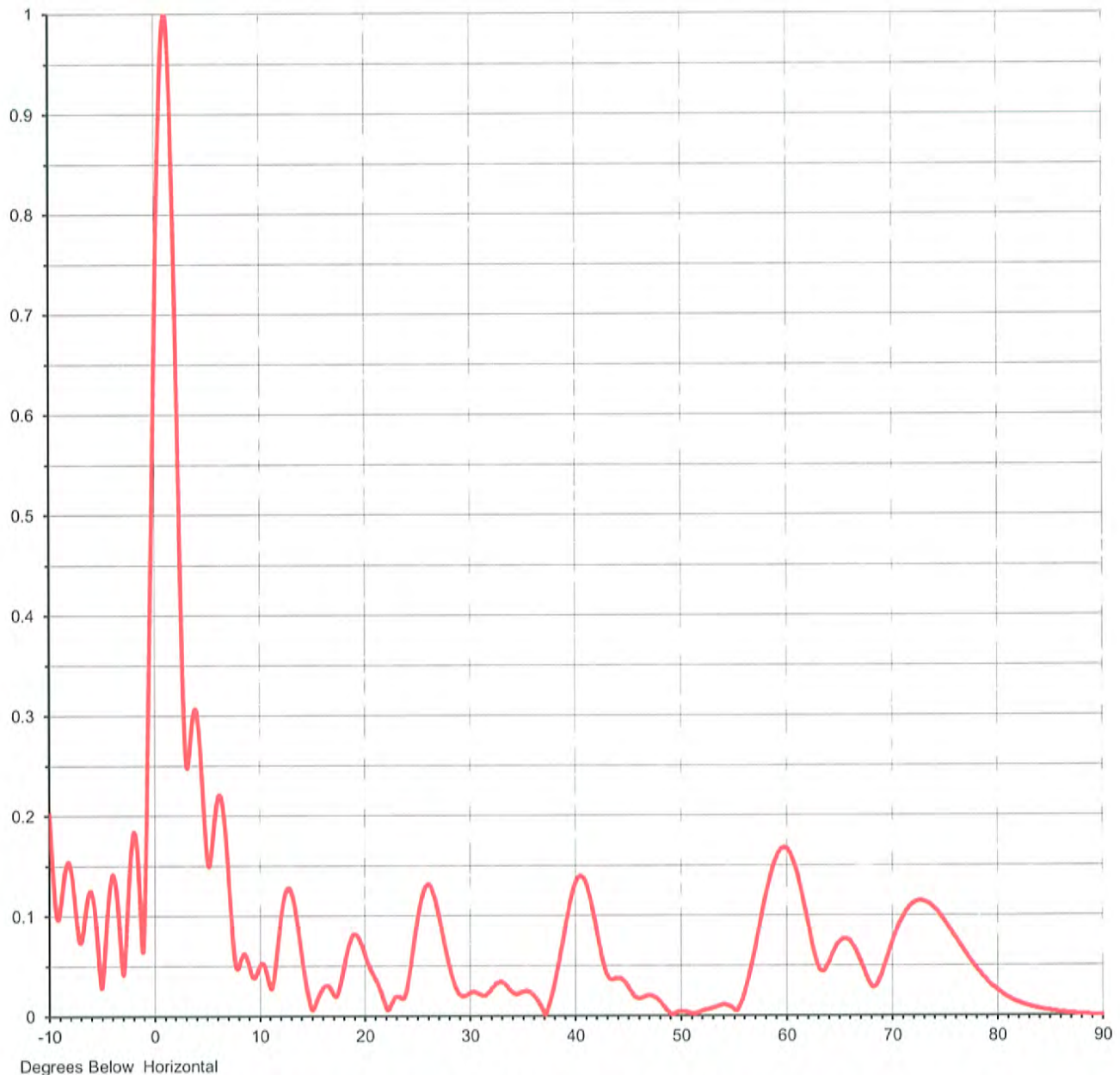


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TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **24L225100-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.202	2.4	0.457	10.6	0.048	30.5	0.024	51.0	0.002	71.5	0.106
-9.5	0.116	2.6	0.358	10.8	0.040	31.0	0.021	51.5	0.002	72.0	0.111
-9.0	0.105	2.8	0.284	11.0	0.031	31.5	0.020	52.0	0.004	72.5	0.114
-8.5	0.146	3.0	0.249	11.5	0.043	32.0	0.025	52.5	0.006	73.0	0.113
-8.0	0.146	3.2	0.252	12.0	0.089	32.5	0.032	53.0	0.007	73.5	0.111
-7.5	0.101	3.4	0.274	12.5	0.121	33.0	0.034	53.5	0.009	74.0	0.106
-7.0	0.074	3.6	0.296	13.0	0.125	33.5	0.030	54.0	0.011	74.5	0.100
-6.5	0.111	3.8	0.306	13.5	0.102	34.0	0.024	54.5	0.010	75.0	0.093
-6.0	0.122	4.0	0.302	14.0	0.066	34.5	0.021	55.0	0.007	75.5	0.085
-5.5	0.078	4.2	0.283	14.5	0.031	35.0	0.024	55.5	0.007	76.0	0.077
-5.0	0.031	4.4	0.252	15.0	0.007	35.5	0.024	56.0	0.020	76.5	0.069
-4.5	0.105	4.6	0.215	15.5	0.015	36.0	0.021	56.5	0.039	77.0	0.061
-4.0	0.141	4.8	0.179	16.0	0.026	36.5	0.015	57.0	0.063	77.5	0.054
-3.5	0.105	5.0	0.154	16.5	0.030	37.0	0.005	57.5	0.089	78.0	0.047
-3.0	0.041	5.2	0.149	17.0	0.023	37.5	0.009	58.0	0.115	78.5	0.040
-2.8	0.066	5.4	0.163	17.5	0.022	38.0	0.028	58.5	0.137	79.0	0.035
-2.6	0.106	5.6	0.184	18.0	0.044	38.5	0.053	59.0	0.155	79.5	0.029
-2.4	0.143	5.8	0.204	18.5	0.069	39.0	0.082	59.5	0.165	80.0	0.025
-2.2	0.170	6.0	0.217	19.0	0.081	39.5	0.110	60.0	0.166	80.5	0.021
-2.0	0.183	6.2	0.220	19.5	0.077	40.0	0.130	60.5	0.159	81.0	0.018
-1.8	0.177	6.4	0.213	20.0	0.064	40.5	0.139	61.0	0.145	81.5	0.015
-1.6	0.152	6.6	0.196	20.5	0.049	41.0	0.134	61.5	0.123	82.0	0.013
-1.4	0.109	6.8	0.172	21.0	0.038	41.5	0.116	62.0	0.098	82.5	0.011
-1.2	0.064	7.0	0.142	21.5	0.026	42.0	0.090	62.5	0.072	83.0	0.009
-1.0	0.093	7.2	0.110	22.0	0.011	42.5	0.062	63.0	0.051	83.5	0.008
-0.8	0.188	7.4	0.080	22.5	0.010	43.0	0.042	63.5	0.044	84.0	0.006
-0.6	0.303	7.6	0.057	23.0	0.019	43.5	0.036	64.0	0.051	84.5	0.005
-0.4	0.428	7.8	0.047	23.5	0.018	44.0	0.037	64.5	0.065	85.0	0.005
-0.2	0.553	8.0	0.050	24.0	0.024	44.5	0.036	65.0	0.073	85.5	0.004
0.0	0.674	8.2	0.057	24.5	0.055	45.0	0.030	65.5	0.076	86.0	0.003
0.2	0.783	8.4	0.061	25.0	0.091	45.5	0.022	66.0	0.074	86.5	0.002
0.4	0.874	8.6	0.061	25.5	0.118	46.0	0.017	66.5	0.066	87.0	0.002
0.6	0.943	8.8	0.056	26.0	0.130	46.5	0.018	67.0	0.054	87.5	0.001
0.8	0.986	9.0	0.049	26.5	0.124	47.0	0.020	67.5	0.040	88.0	0.001
1.0	1.000	9.2	0.041	27.0	0.104	47.5	0.019	68.0	0.030	88.5	0.001
1.2	0.985	9.4	0.038	27.5	0.078	48.0	0.015	68.5	0.030	89.0	0.000
1.4	0.942	9.6	0.040	28.0	0.053	48.5	0.009	69.0	0.042	89.5	0.000
1.6	0.874	9.8	0.042	28.5	0.034	49.0	0.003	69.5	0.058	90.0	0.000
1.8	0.785	10.0	0.048	29.0	0.022	49.5	0.002	70.0	0.074		
2.0	0.681	10.2	0.052	29.5	0.020	50.0	0.004	70.5	0.087		
2.2	0.569	10.4	0.052	30.0	0.022	50.5	0.004	71.0	0.098		

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