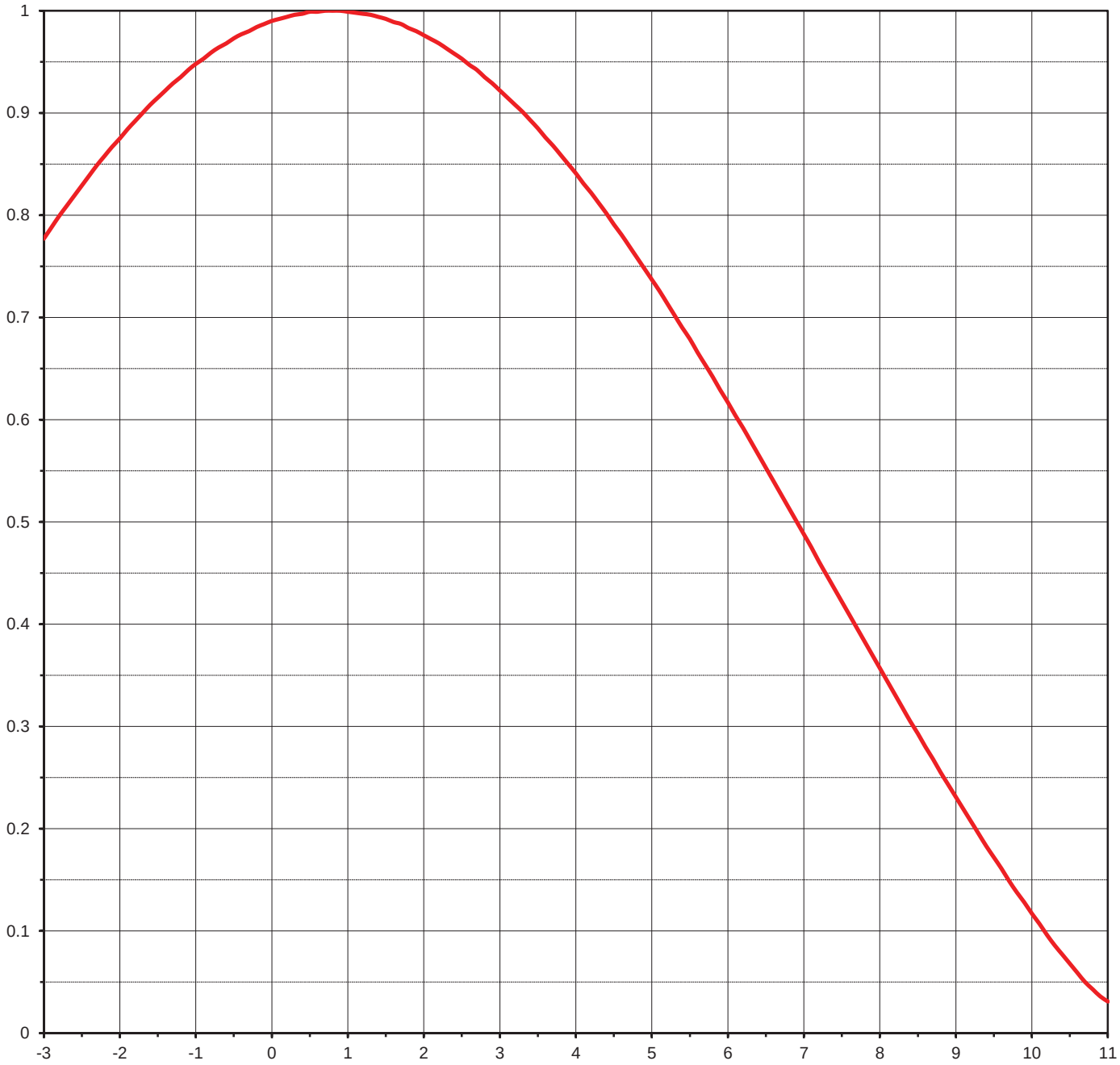
Dielectric

Proposal Number	**C-06120-10**	Revision:	**10**
Date	**20-Jun-12**		
Call Letters			
Location	**Miami, FL**		
Customer	**Tall Tower Ventures**		
Antenna Type	**DCRU12D50PT075**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**7.40**	**(8.69 dB)**	Beam Tilt	**0.80 deg**
RMS Gain at Horizontal	**7.30**	**(8.63 dB)**	Frequency	**99.10 MHz**
Calculated / Measured	**Calculated**		Drawing #	**12C074080**



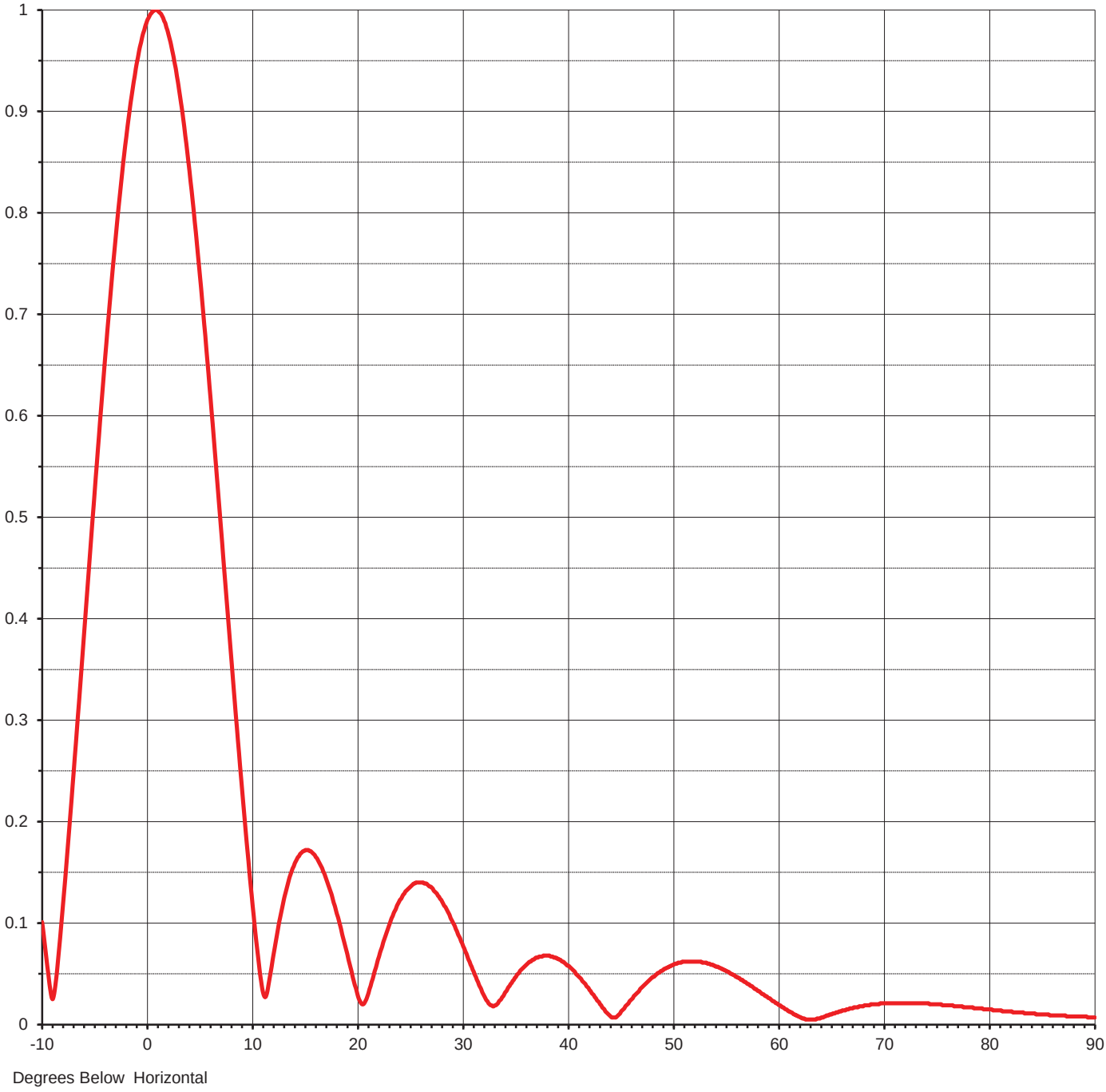
Dielectric

Proposal Number	**C-06120-10**	Revision:	**10**
Date	**20-Jun-12**		
Call Letters			
Location	**Miami, FL**		
Customer	**Tall Tower Ventures**		
Antenna Type	**DCRU12D50PT075**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**7.40**	**(8.69 dB)**	
RMS Gain at Horizontal	**7.30**	**(8.63 dB)**	
Calculated / Measured	**Calculated**		

Beam Tilt	**0.80 deg**
Frequency	**99.10 MHz**
Drawing #	**12C074080-90**



Dielectric

Proposal Number	**C-06120-10**	Revision:	**10**
Date	**20-Jun-12**		
Call Letters			
Location	**Miami, FL**		
Customer	**Tall Tower Ventures**		
Antenna Type	**DCRU12D50PT075**		

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **12C074080-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.101	2.4	0.958	10.6	0.068	30.5	0.067	51.0	0.062	71.5	0.021
-9.5	0.057	2.6	0.947	10.8	0.050	31.0	0.054	51.5	0.062	72.0	0.021
-9.0	0.025	2.8	0.935	11.0	0.036	31.5	0.042	52.0	0.062	72.5	0.021
-8.5	0.062	3.0	0.922	11.5	0.033	32.0	0.030	52.5	0.062	73.0	0.021
-8.0	0.120	3.2	0.908	12.0	0.064	32.5	0.021	53.0	0.061	73.5	0.021
-7.5	0.183	3.4	0.893	12.5	0.094	33.0	0.018	53.5	0.060	74.0	0.021
-7.0	0.249	3.6	0.876	13.0	0.120	33.5	0.023	54.0	0.058	74.5	0.020
-6.5	0.317	3.8	0.859	13.5	0.141	34.0	0.030	54.5	0.056	75.0	0.020
-6.0	0.387	4.0	0.841	14.0	0.156	34.5	0.038	55.0	0.053	75.5	0.019
-5.5	0.457	4.2	0.822	14.5	0.166	35.0	0.046	55.5	0.050	76.0	0.019
-5.0	0.526	4.4	0.802	15.0	0.171	35.5	0.053	56.0	0.047	76.5	0.019
-4.5	0.594	4.6	0.781	15.5	0.171	36.0	0.058	56.5	0.044	77.0	0.018
-4.0	0.659	4.8	0.759	16.0	0.167	36.5	0.062	57.0	0.041	77.5	0.017
-3.5	0.720	5.0	0.737	16.5	0.158	37.0	0.066	57.5	0.038	78.0	0.017
-3.0	0.777	5.2	0.714	17.0	0.146	37.5	0.067	58.0	0.034	78.5	0.016
-2.8	0.799	5.4	0.690	17.5	0.131	38.0	0.068	58.5	0.030	79.0	0.016
-2.6	0.819	5.6	0.666	18.0	0.113	38.5	0.067	59.0	0.027	79.5	0.015
-2.4	0.839	5.8	0.642	18.5	0.094	39.0	0.065	59.5	0.023	80.0	0.015
-2.2	0.858	6.0	0.617	19.0	0.073	39.5	0.062	60.0	0.020	80.5	0.014
-2.0	0.875	6.2	0.592	19.5	0.052	40.0	0.058	60.5	0.017	81.0	0.014
-1.8	0.892	6.4	0.566	20.0	0.032	40.5	0.054	61.0	0.013	81.5	0.013
-1.6	0.908	6.6	0.540	20.5	0.020	41.0	0.048	61.5	0.010	82.0	0.013
-1.4	0.922	6.8	0.514	21.0	0.028	41.5	0.042	62.0	0.008	82.5	0.012
-1.2	0.935	7.0	0.488	21.5	0.045	42.0	0.036	62.5	0.006	83.0	0.012
-1.0	0.948	7.2	0.461	22.0	0.064	42.5	0.029	63.0	0.005	83.5	0.011
-0.8	0.959	7.4	0.435	22.5	0.081	43.0	0.022	63.5	0.005	84.0	0.011
-0.6	0.968	7.6	0.409	23.0	0.096	43.5	0.015	64.0	0.006	84.5	0.010
-0.4	0.977	7.8	0.383	23.5	0.110	44.0	0.009	64.5	0.009	85.0	0.010
-0.2	0.984	8.0	0.357	24.0	0.121	44.5	0.007	65.0	0.010	85.5	0.010
0.0	0.990	8.2	0.331	24.5	0.129	45.0	0.011	65.5	0.012	86.0	0.009
0.2	0.994	8.4	0.305	25.0	0.135	45.5	0.018	66.0	0.014	86.5	0.009
0.4	0.997	8.6	0.280	25.5	0.139	46.0	0.024	66.5	0.015	87.0	0.009
0.6	0.999	8.8	0.255	26.0	0.140	46.5	0.030	67.0	0.016	87.5	0.008
0.8	1.000	9.0	0.231	26.5	0.139	47.0	0.036	67.5	0.017	88.0	0.008
1.0	0.999	9.2	0.207	27.0	0.136	47.5	0.041	68.0	0.018	88.5	0.008
1.2	0.997	9.4	0.183	27.5	0.130	48.0	0.046	68.5	0.019	89.0	0.008
1.4	0.994	9.6	0.161	28.0	0.123	48.5	0.050	69.0	0.020	89.5	0.007
1.6	0.989	9.8	0.149	28.5	0.114	49.0	0.053	69.5	0.020	90.0	0.007
1.8	0.983	10.0	0.128	29.0	0.103	49.5	0.056	70.0	0.021		
2.0	0.976	10.2	0.107	29.5	0.092	50.0	0.059	70.5	0.021		
2.2	0.968	10.4	0.086	30.0	0.080	50.5	0.061	71.0	0.021		