

Date

12 Mar 2008

Call Letters

Channel 19

Location

Customer

Antenna Type

TLP-32A (C)

ELEVATION PATTERN

RMS Gain at Main Lobe

31.0 (14.91 dB)

Beam Tilt

0.50 Degrees

RMS Gain at Horizontal

21.8 (13.38 dB)

Frequency

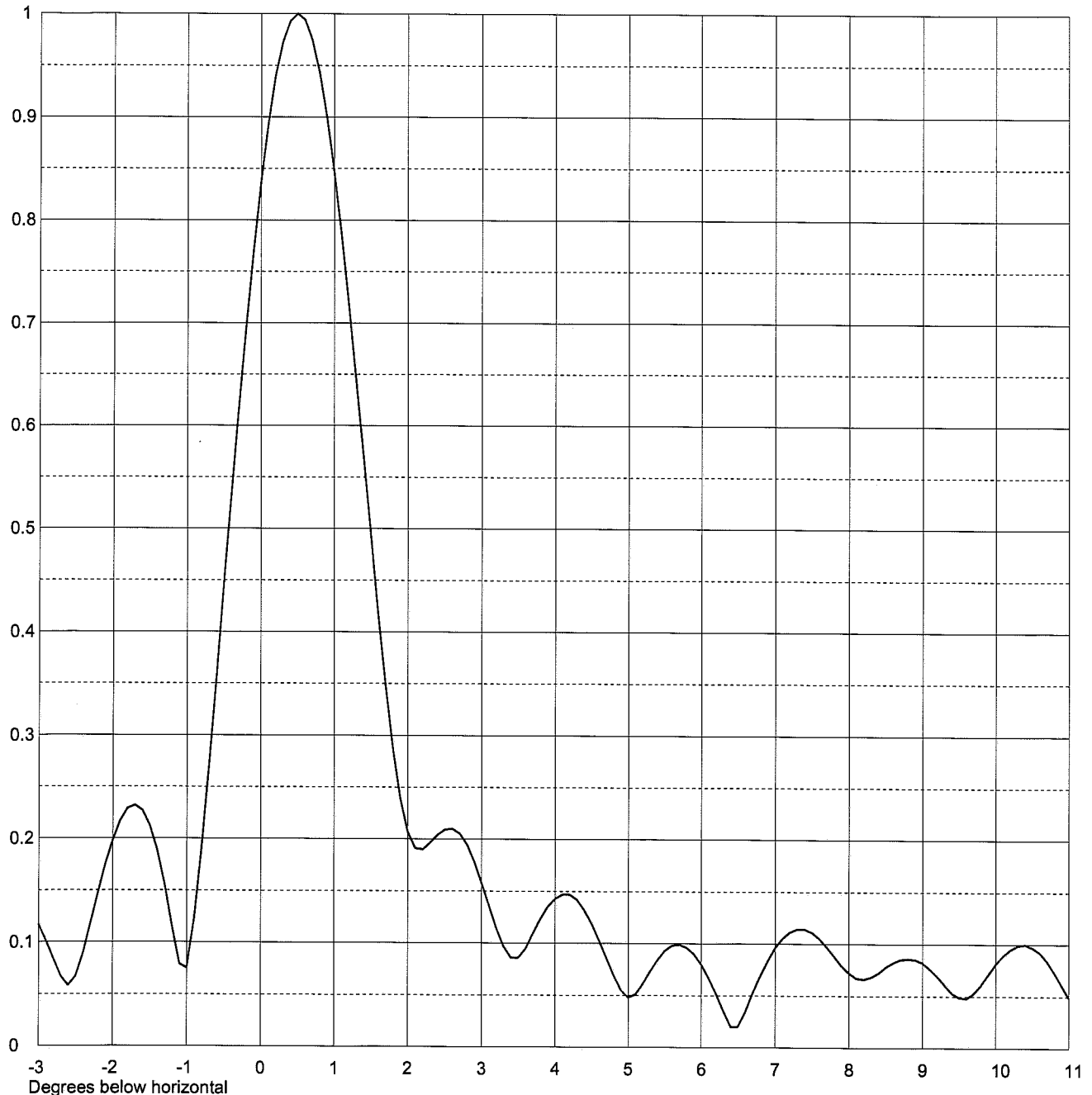
503.00 MHz

Calculated / Measured

Calculated

Drawing #

32L310050



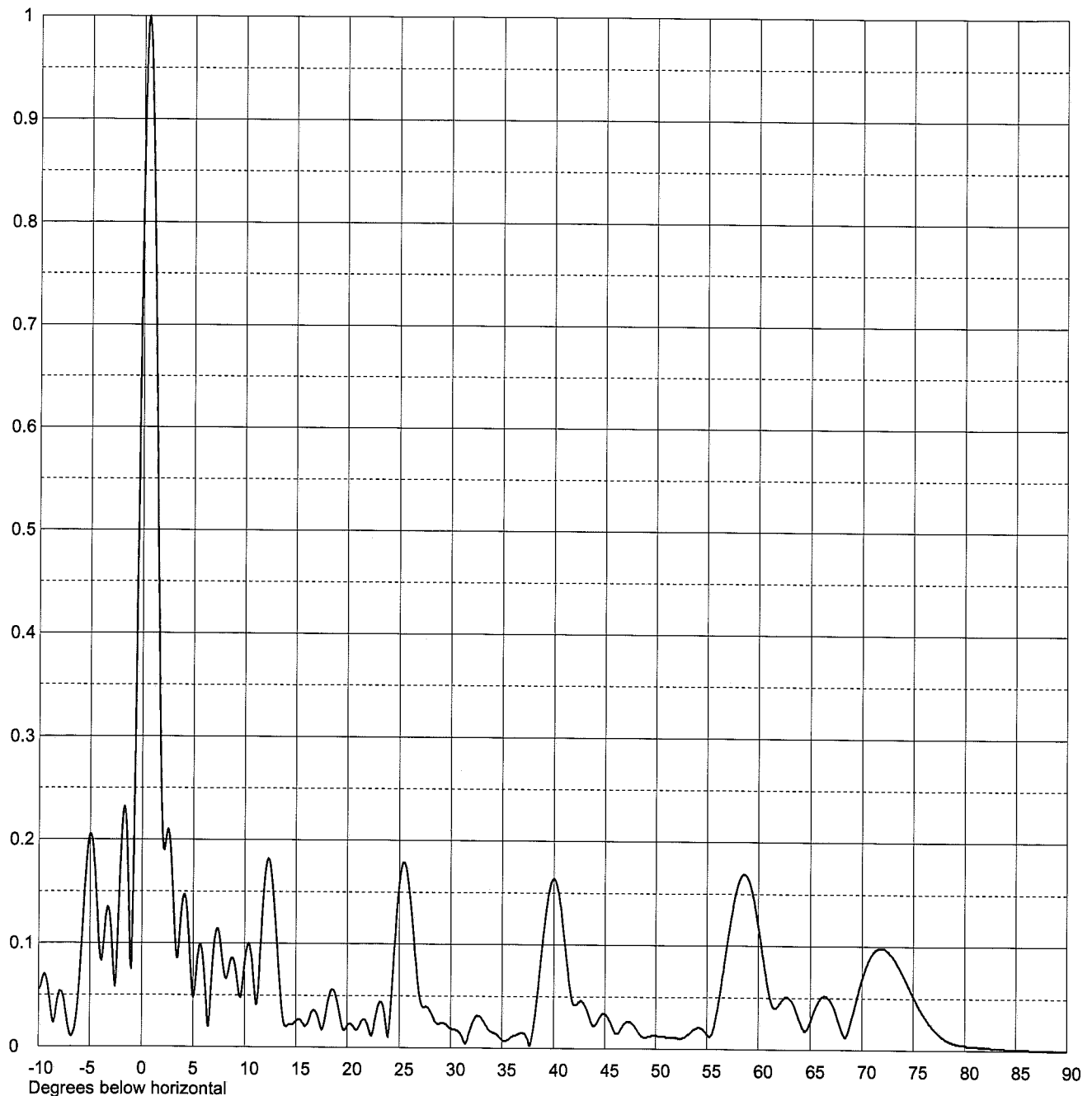
Remarks:

Date **12 Mar 2008**
 Call Letters
 Location
 Customer
 Antenna Type **TLP-32A (C)**

Channel **19**

ELEVATION PATTERN

RMS Gain at Main Lobe	31.0 (14.91 dB)	Beam Tilt	0.50 Degrees
RMS Gain at Horizontal	21.8 (13.38 dB)	Frequency	503.00 MHz
Calculated / Measured	Calculated	Drawing #	32L310050-90



Remarks:



Date **12 Mar 2008**
Call Letters
Location
Customer
Antenna Type **TLP-32A (C)**

Channel **19****TABULATION OF ELEVATION PATTERN**Elevation Pattern Drawing # **32L310050-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.057	2.4	0.204	10.6	0.092	30.5	0.017	51.0	0.011	71.5	0.097
-9.5	0.069	2.6	0.210	10.8	0.073	31.0	0.012	51.5	0.011	72.0	0.098
-9.0	0.054	2.8	0.194	11.0	0.049	31.5	0.005	52.0	0.011	72.5	0.095
-8.5	0.023	3.0	0.158	11.5	0.088	32.0	0.021	52.5	0.010	73.0	0.090
-8.0	0.051	3.2	0.115	12.0	0.166	32.5	0.031	53.0	0.013	73.5	0.081
-7.5	0.046	3.4	0.086	12.5	0.177	33.0	0.029	53.5	0.017	74.0	0.072
-7.0	0.015	3.6	0.095	13.0	0.123	33.5	0.021	54.0	0.020	74.5	0.062
-6.5	0.017	3.8	0.123	13.5	0.051	34.0	0.016	54.5	0.020	75.0	0.052
-6.0	0.065	4.0	0.143	14.0	0.020	34.5	0.013	55.0	0.014	75.5	0.042
-5.5	0.152	4.2	0.147	14.5	0.022	35.0	0.008	55.5	0.015	76.0	0.034
-5.0	0.205	4.4	0.132	15.0	0.025	35.5	0.008	56.0	0.037	76.5	0.026
-4.5	0.167	4.6	0.103	15.5	0.026	36.0	0.011	56.5	0.069	77.0	0.020
-4.0	0.085	4.8	0.069	16.0	0.021	36.5	0.013	57.0	0.103	77.5	0.015
-3.5	0.124	5.0	0.048	16.5	0.033	37.0	0.015	57.5	0.134	78.0	0.011
-3.0	0.117	5.2	0.061	17.0	0.033	37.5	0.008	58.0	0.158	78.5	0.008
-2.8	0.083	5.4	0.084	17.5	0.017	38.0	0.017	58.5	0.169	79.0	0.007
-2.6	0.058	5.6	0.098	18.0	0.038	38.5	0.059	59.0	0.165	79.5	0.005
-2.4	0.089	5.8	0.096	18.5	0.056	39.0	0.109	59.5	0.148	80.0	0.005
-2.2	0.147	6.0	0.080	19.0	0.045	39.5	0.148	60.0	0.119	80.5	0.004
-2.0	0.198	6.2	0.052	19.5	0.020	40.0	0.164	60.5	0.086	81.0	0.004
-1.8	0.229	6.4	0.020	20.0	0.021	40.5	0.149	61.0	0.055	81.5	0.003
-1.6	0.227	6.6	0.034	20.5	0.021	41.0	0.109	61.5	0.040	82.0	0.003
-1.4	0.188	6.8	0.068	21.0	0.018	41.5	0.064	62.0	0.044	82.5	0.002
-1.2	0.116	7.0	0.096	21.5	0.027	42.0	0.042	62.5	0.050	83.0	0.002
-1.0	0.075	7.2	0.111	22.0	0.019	42.5	0.045	63.0	0.049	83.5	0.002
-0.8	0.193	7.4	0.114	22.5	0.018	43.0	0.042	63.5	0.040	84.0	0.001
-0.6	0.359	7.6	0.105	23.0	0.042	43.5	0.029	64.0	0.027	84.5	0.001
-0.4	0.533	7.8	0.088	23.5	0.035	44.0	0.022	64.5	0.018	85.0	0.001
-0.2	0.698	8.0	0.072	24.0	0.018	44.5	0.030	65.0	0.027	85.5	0.001
0.0	0.838	8.2	0.066	24.5	0.092	45.0	0.033	65.5	0.041	86.0	0.001
0.2	0.940	8.4	0.072	25.0	0.157	45.5	0.026	66.0	0.050	86.5	0.000
0.4	0.993	8.6	0.082	25.5	0.179	46.0	0.015	66.5	0.052	87.0	0.000
0.6	0.994	8.8	0.086	26.0	0.150	46.5	0.018	67.0	0.046	87.5	0.000
0.8	0.943	9.0	0.082	26.5	0.092	47.0	0.025	67.5	0.034	88.0	0.000
1.0	0.847	9.2	0.069	27.0	0.046	47.5	0.026	68.0	0.019	88.5	0.000
1.2	0.716	9.4	0.053	27.5	0.040	48.0	0.020	68.5	0.014	89.0	0.000
1.4	0.567	9.6	0.048	28.0	0.035	48.5	0.013	69.0	0.031	89.5	0.000
1.6	0.416	9.8	0.061	28.5	0.025	49.0	0.011	69.5	0.050	90.0	0.000
1.8	0.287	10.0	0.081	29.0	0.024	49.5	0.012	70.0	0.068		
2.0	0.207	10.2	0.095	29.5	0.023	50.0	0.013	70.5	0.082		
2.2	0.190	10.4	0.100	30.0	0.019	50.5	0.012	71.0	0.092		

Remarks: