



Date
Call Letters
Location
Customer
Antenna Type

07 Mar 2011
KLPB-TV Channel 23
Lafayette, LA
LETA
TFU-10DSC-R C170

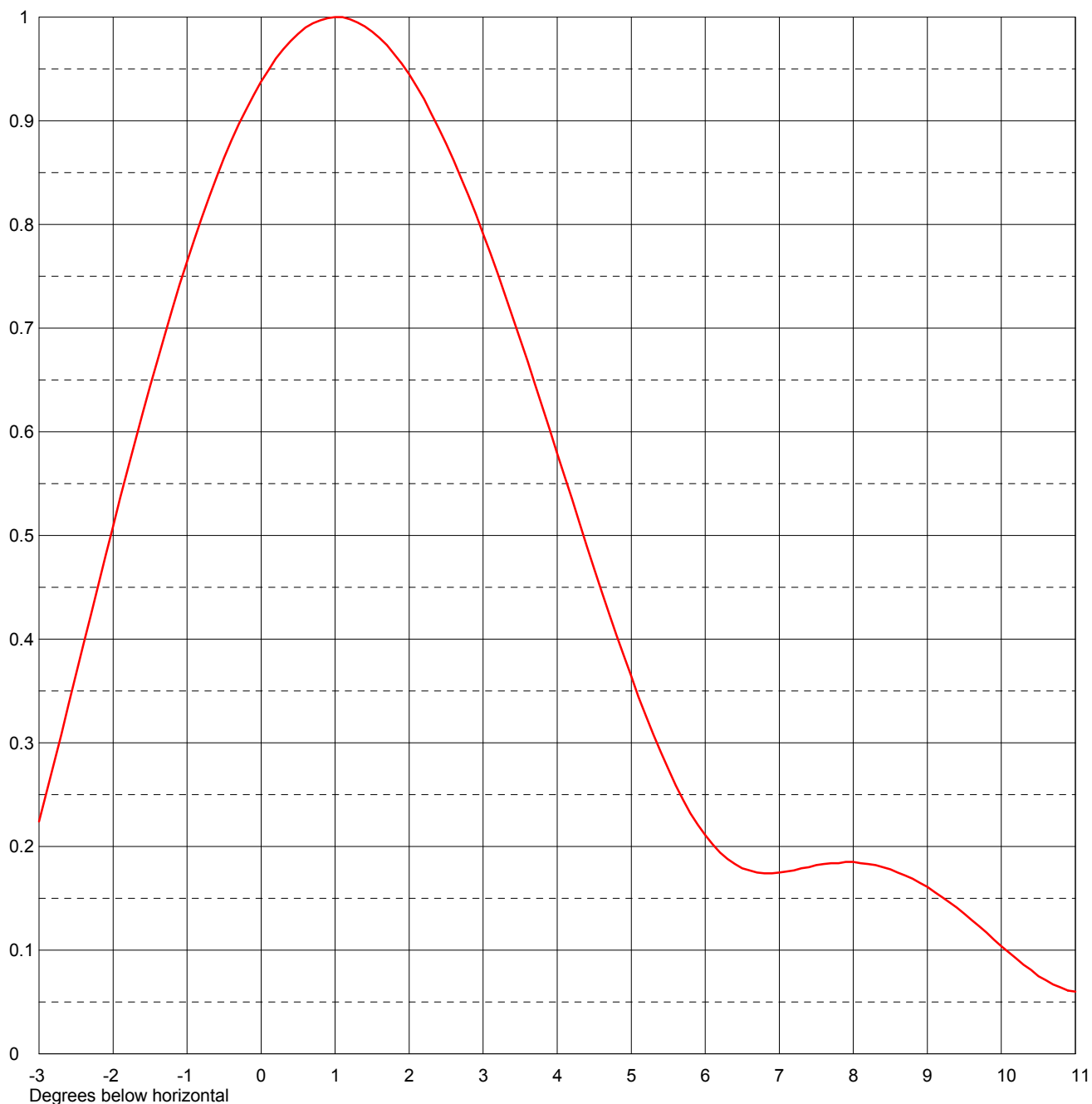
ELEVATION PATTERN

RMS Gain at Main Lobe
RMS Gain at Horizontal
Calculated / Measured

9.5 (9.78 dB)
8.4 (9.24 dB)
Calculated

Beam Tilt
Frequency
Drawing #

1.00 Degrees
527.00 MHz
10Q095100



Remarks:



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Lafayette, LA
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TFU-10DSC-R C170

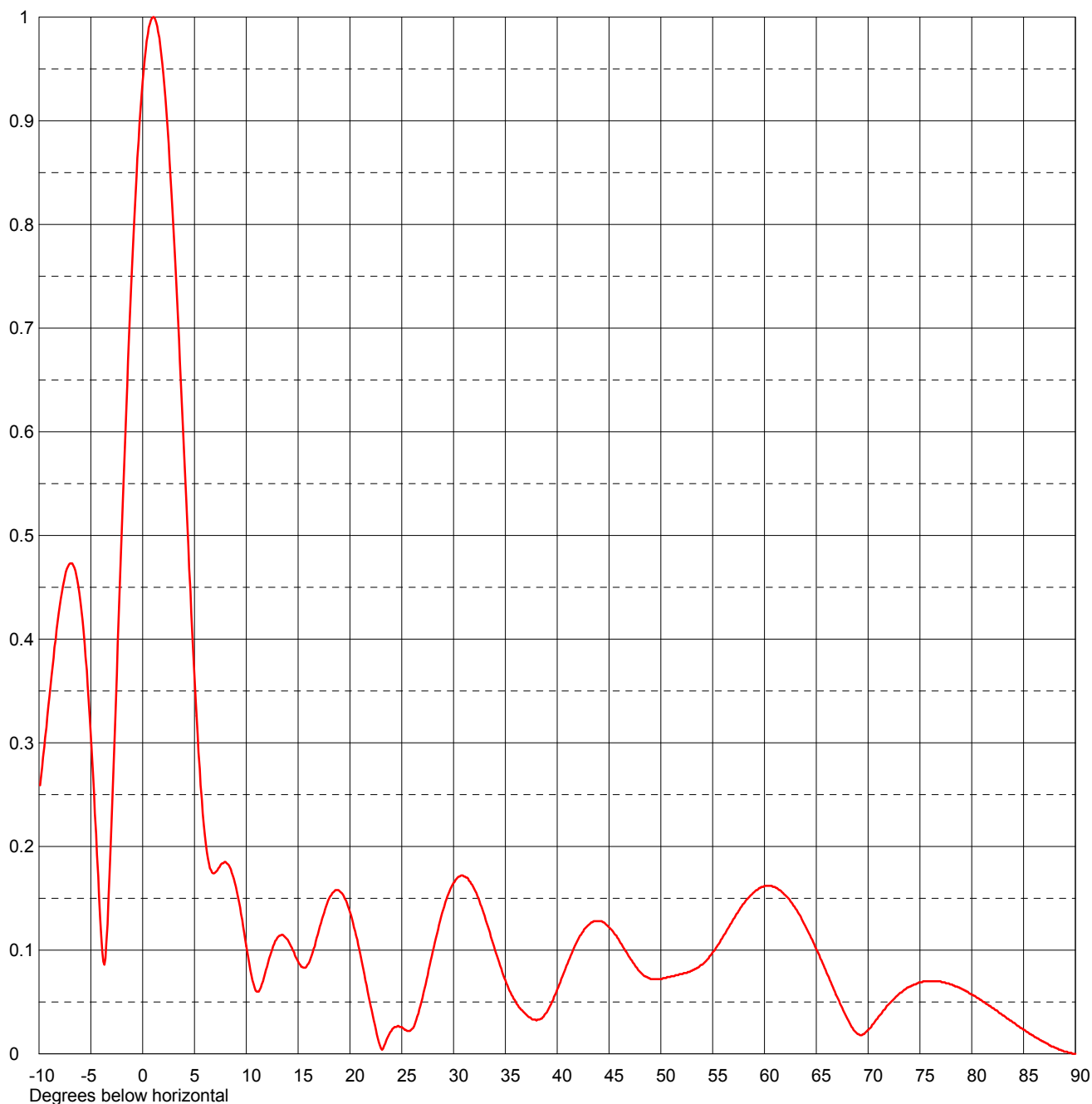
ELEVATION PATTERN

RMS Gain at Main Lobe
RMS Gain at Horizontal
Calculated / Measured

9.5 (9.78 dB)
8.4 (9.24 dB)
Calculated

Beam Tilt
Frequency
Drawing #

1.00 Degrees
527.00 MHz
10Q095100-90



Remarks:



| | | |
|--------------|-------------------------|-------------------|
| Date | 07 Mar 2011 | |
| Call Letters | KLPB-TV | Channel 23 |
| Location | Lafayette, LA | |
| Customer | LETA | |
| Antenna Type | TFU-10DSC-R C170 | |

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing # **10Q095100-90**

| Angle | Field | Angle | Field | Angle | Field | Angle | Field | Angle | Field | Angle | Field |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -10.0 | 0.251 | 2.4 | 0.893 | 10.6 | 0.071 | 30.5 | 0.171 | 51.0 | 0.075 | 71.5 | 0.042 |
| -9.5 | 0.296 | 2.6 | 0.862 | 10.8 | 0.064 | 31.0 | 0.171 | 51.5 | 0.076 | 72.0 | 0.048 |
| -9.0 | 0.344 | 2.8 | 0.828 | 11.0 | 0.060 | 31.5 | 0.167 | 52.0 | 0.077 | 72.5 | 0.053 |
| -8.5 | 0.392 | 3.0 | 0.791 | 11.5 | 0.067 | 32.0 | 0.159 | 52.5 | 0.078 | 73.0 | 0.058 |
| -8.0 | 0.432 | 3.2 | 0.752 | 12.0 | 0.084 | 32.5 | 0.147 | 53.0 | 0.080 | 73.5 | 0.062 |
| -7.5 | 0.461 | 3.4 | 0.710 | 12.5 | 0.101 | 33.0 | 0.133 | 53.5 | 0.083 | 74.0 | 0.065 |
| -7.0 | 0.473 | 3.6 | 0.668 | 13.0 | 0.112 | 33.5 | 0.117 | 54.0 | 0.086 | 74.5 | 0.067 |
| -6.5 | 0.466 | 3.8 | 0.624 | 13.5 | 0.115 | 34.0 | 0.100 | 54.5 | 0.091 | 75.0 | 0.069 |
| -6.0 | 0.436 | 4.0 | 0.579 | 14.0 | 0.110 | 34.5 | 0.085 | 55.0 | 0.098 | 75.5 | 0.070 |
| -5.5 | 0.383 | 4.2 | 0.535 | 14.5 | 0.100 | 35.0 | 0.071 | 55.5 | 0.105 | 76.0 | 0.070 |
| -5.0 | 0.307 | 4.4 | 0.490 | 15.0 | 0.089 | 35.5 | 0.059 | 56.0 | 0.113 | 76.5 | 0.070 |
| -4.5 | 0.212 | 4.6 | 0.446 | 15.5 | 0.083 | 36.0 | 0.050 | 56.5 | 0.121 | 77.0 | 0.070 |
| -4.0 | 0.114 | 4.8 | 0.404 | 16.0 | 0.087 | 36.5 | 0.043 | 57.0 | 0.130 | 77.5 | 0.068 |
| -3.5 | 0.106 | 5.0 | 0.364 | 16.5 | 0.101 | 37.0 | 0.038 | 57.5 | 0.138 | 78.0 | 0.067 |
| -3.0 | 0.224 | 5.2 | 0.326 | 17.0 | 0.119 | 37.5 | 0.034 | 58.0 | 0.145 | 78.5 | 0.065 |
| -2.8 | 0.280 | 5.4 | 0.291 | 17.5 | 0.136 | 38.0 | 0.032 | 58.5 | 0.151 | 79.0 | 0.063 |
| -2.6 | 0.337 | 5.6 | 0.259 | 18.0 | 0.150 | 38.5 | 0.034 | 59.0 | 0.156 | 79.5 | 0.060 |
| -2.4 | 0.395 | 5.8 | 0.232 | 18.5 | 0.157 | 39.0 | 0.040 | 59.5 | 0.160 | 80.0 | 0.057 |
| -2.2 | 0.452 | 6.0 | 0.211 | 19.0 | 0.157 | 39.5 | 0.050 | 60.0 | 0.162 | 80.5 | 0.054 |
| -2.0 | 0.509 | 6.2 | 0.194 | 19.5 | 0.150 | 40.0 | 0.062 | 60.5 | 0.162 | 81.0 | 0.051 |
| -1.8 | 0.564 | 6.4 | 0.183 | 20.0 | 0.137 | 40.5 | 0.075 | 61.0 | 0.161 | 81.5 | 0.048 |
| -1.6 | 0.618 | 6.6 | 0.177 | 20.5 | 0.118 | 41.0 | 0.087 | 61.5 | 0.158 | 82.0 | 0.044 |
| -1.4 | 0.669 | 6.8 | 0.174 | 21.0 | 0.096 | 41.5 | 0.099 | 62.0 | 0.153 | 82.5 | 0.041 |
| -1.2 | 0.718 | 7.0 | 0.175 | 21.5 | 0.071 | 42.0 | 0.110 | 62.5 | 0.147 | 83.0 | 0.037 |
| -1.0 | 0.764 | 7.2 | 0.177 | 22.0 | 0.046 | 42.5 | 0.118 | 63.0 | 0.140 | 83.5 | 0.034 |
| -0.8 | 0.807 | 7.4 | 0.180 | 22.5 | 0.023 | 43.0 | 0.124 | 63.5 | 0.132 | 84.0 | 0.030 |
| -0.6 | 0.846 | 7.6 | 0.183 | 23.0 | 0.005 | 43.5 | 0.128 | 64.0 | 0.122 | 84.5 | 0.027 |
| -0.4 | 0.881 | 7.8 | 0.184 | 23.5 | 0.013 | 44.0 | 0.128 | 64.5 | 0.112 | 85.0 | 0.023 |
| -0.2 | 0.911 | 8.0 | 0.185 | 24.0 | 0.022 | 44.5 | 0.127 | 65.0 | 0.101 | 85.5 | 0.020 |
| 0.0 | 0.938 | 8.2 | 0.183 | 24.5 | 0.026 | 45.0 | 0.122 | 65.5 | 0.090 | 86.0 | 0.017 |
| 0.2 | 0.960 | 8.4 | 0.180 | 25.0 | 0.026 | 45.5 | 0.116 | 66.0 | 0.078 | 86.5 | 0.014 |
| 0.4 | 0.977 | 8.6 | 0.175 | 25.5 | 0.022 | 46.0 | 0.109 | 66.5 | 0.067 | 87.0 | 0.011 |
| 0.6 | 0.990 | 8.8 | 0.169 | 26.0 | 0.024 | 46.5 | 0.101 | 67.0 | 0.055 | 87.5 | 0.008 |
| 0.8 | 0.997 | 9.0 | 0.161 | 26.5 | 0.036 | 47.0 | 0.093 | 67.5 | 0.044 | 88.0 | 0.006 |
| 1.0 | 1.000 | 9.2 | 0.151 | 27.0 | 0.054 | 47.5 | 0.085 | 68.0 | 0.034 | 88.5 | 0.004 |
| 1.2 | 0.998 | 9.4 | 0.141 | 27.5 | 0.076 | 48.0 | 0.079 | 68.5 | 0.025 | 89.0 | 0.002 |
| 1.4 | 0.991 | 9.6 | 0.129 | 28.0 | 0.099 | 48.5 | 0.075 | 69.0 | 0.019 | 89.5 | 0.001 |
| 1.6 | 0.980 | 9.8 | 0.117 | 28.5 | 0.120 | 49.0 | 0.072 | 69.5 | 0.019 | 90.0 | 0.000 |
| 1.8 | 0.964 | 10.0 | 0.104 | 29.0 | 0.139 | 49.5 | 0.072 | 70.0 | 0.023 | | |
| 2.0 | 0.945 | 10.2 | 0.092 | 29.5 | 0.154 | 50.0 | 0.072 | 70.5 | 0.029 | | |
| 2.2 | 0.921 | 10.4 | 0.081 | 30.0 | 0.165 | 50.5 | 0.073 | 71.0 | 0.036 | | |

Remarks: