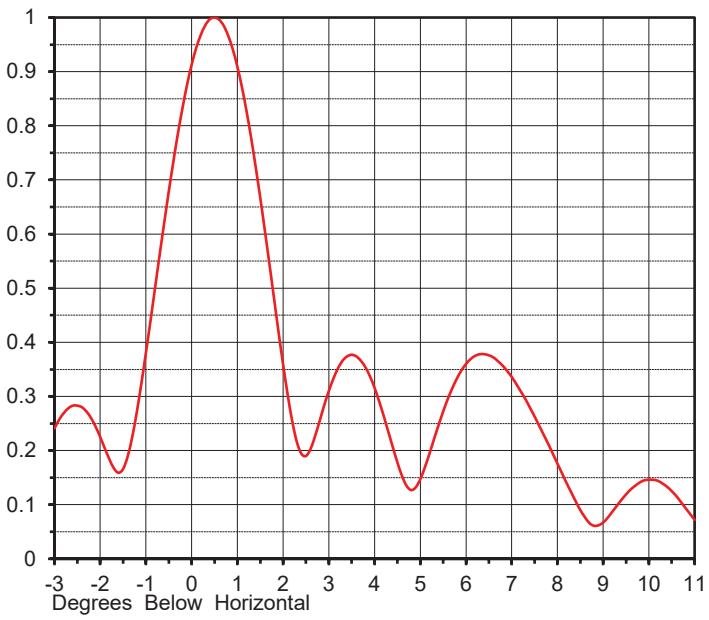
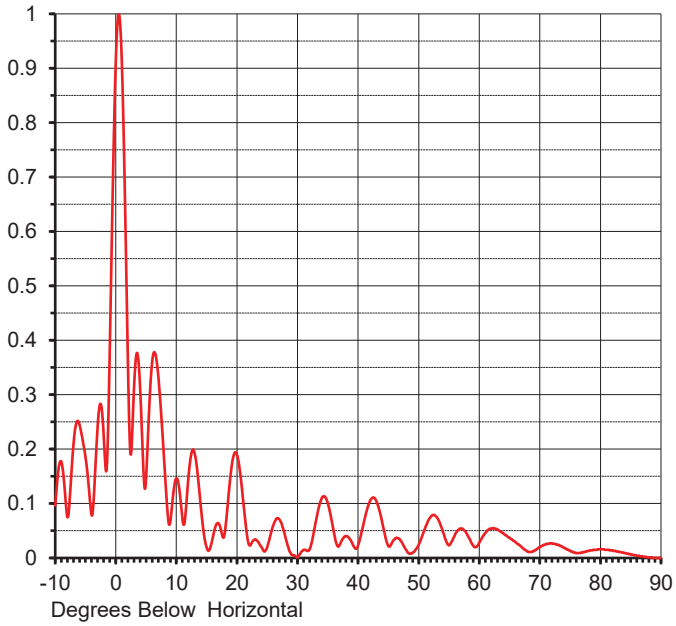
# ELEVATION PATTERN

| | |
|---|---|
| Proposal No. | **C-06524** |
| Date | **8-Feb-17** |
| Call Letters | **WLOO** |
| Frequency | **635 MHz** |
| Antenna Type | **TFU-24WB/VP-R C160** |

| | | | |
|---|---|---|---|
| RMS Directivity at Main Lobe | **21.61 ( 13.35 dB )** | Beam Tilt | **0.50 deg** |
| RMS Directivity at Horizontal | **18.00 ( 12.55 dB )** | Drawing Number | **24W216050** |
| | **Calculated** | | |




| Angle | Field | Angle | Field | Angle | Field | Angle | Field | Angle | Field |
|---|---|---|---|---|---|---|---|---|---|
| -10.0 | 0.096 | 10.0 | 0.146 | 30.0 | 0.001 | 50.0 | 0.024 | 70.0 | 0.020 |
| -9.0 | 0.177 | 11.0 | 0.072 | 31.0 | 0.015 | 51.0 | 0.053 | 71.0 | 0.025 |
| -8.0 | 0.075 | 12.0 | 0.149 | 32.0 | 0.016 | 52.0 | 0.076 | 72.0 | 0.027 |
| -7.0 | 0.207 | 13.0 | 0.193 | 33.0 | 0.066 | 53.0 | 0.075 | 73.0 | 0.024 |
| -6.0 | 0.245 | 14.0 | 0.098 | 34.0 | 0.110 | 54.0 | 0.048 | 74.0 | 0.019 |
| -5.0 | 0.185 | 15.0 | 0.019 | 35.0 | 0.101 | 55.0 | 0.023 | 75.0 | 0.013 |
| -4.0 | 0.079 | 16.0 | 0.037 | 36.0 | 0.047 | 56.0 | 0.043 | 76.0 | 0.009 |
| -3.0 | 0.241 | 17.0 | 0.063 | 37.0 | 0.025 | 57.0 | 0.054 | 77.0 | 0.010 |
| -2.0 | 0.225 | 18.0 | 0.047 | 38.0 | 0.040 | 58.0 | 0.043 | 78.0 | 0.013 |
| -1.0 | 0.381 | 19.0 | 0.157 | 39.0 | 0.028 | 59.0 | 0.023 | 79.0 | 0.015 |
| 0.0 | 0.913 | 20.0 | 0.190 | 40.0 | 0.023 | 60.0 | 0.028 | 80.0 | 0.016 |
| 1.0 | 0.909 | 21.0 | 0.108 | 41.0 | 0.068 | 61.0 | 0.046 | 81.0 | 0.015 |
| 2.0 | 0.359 | 22.0 | 0.024 | 42.0 | 0.106 | 62.0 | 0.054 | 82.0 | 0.014 |
| 3.0 | 0.310 | 23.0 | 0.034 | 43.0 | 0.105 | 63.0 | 0.052 | 83.0 | 0.011 |
| 4.0 | 0.316 | 24.0 | 0.021 | 44.0 | 0.064 | 64.0 | 0.045 | 84.0 | 0.009 |
| 5.0 | 0.147 | 25.0 | 0.020 | 45.0 | 0.022 | 65.0 | 0.037 | 85.0 | 0.007 |
| 6.0 | 0.360 | 26.0 | 0.060 | 46.0 | 0.034 | 66.0 | 0.029 | 86.0 | 0.004 |
| 7.0 | 0.336 | 27.0 | 0.071 | 47.0 | 0.032 | 67.0 | 0.020 | 87.0 | 0.003 |
| 8.0 | 0.176 | 28.0 | 0.038 | 48.0 | 0.014 | 68.0 | 0.012 | 88.0 | 0.001 |
| 9.0 | 0.067 | 29.0 | 0.006 | 49.0 | 0.010 | 69.0 | 0.013 | 89.0 | 0.000 |
| | | | | | | | | 90.0 | 0.000 |

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