**Dielectric**

| | |
|---|---|
| Date | **22 Nov 2020** |
| Call Letters | Channel **32** |
| Location | |
| Customer | |
| Antenna Type | **TFU-26GTH-R O4** |

## ELEVATION PATTERN

| | | | |
|---|---|---|---|
| RMS Gain at Main Lobe | **23.0** **(13.62 dB)** | Beam Tilt | **1.00 Degrees** |
| RMS Gain at Horizontal | **13.9** **(11.43 dB)** | Frequency | **581.00 MHz** |
| Calculated / Measured | **Calculated** | Drawing # | **26G230100-90** |
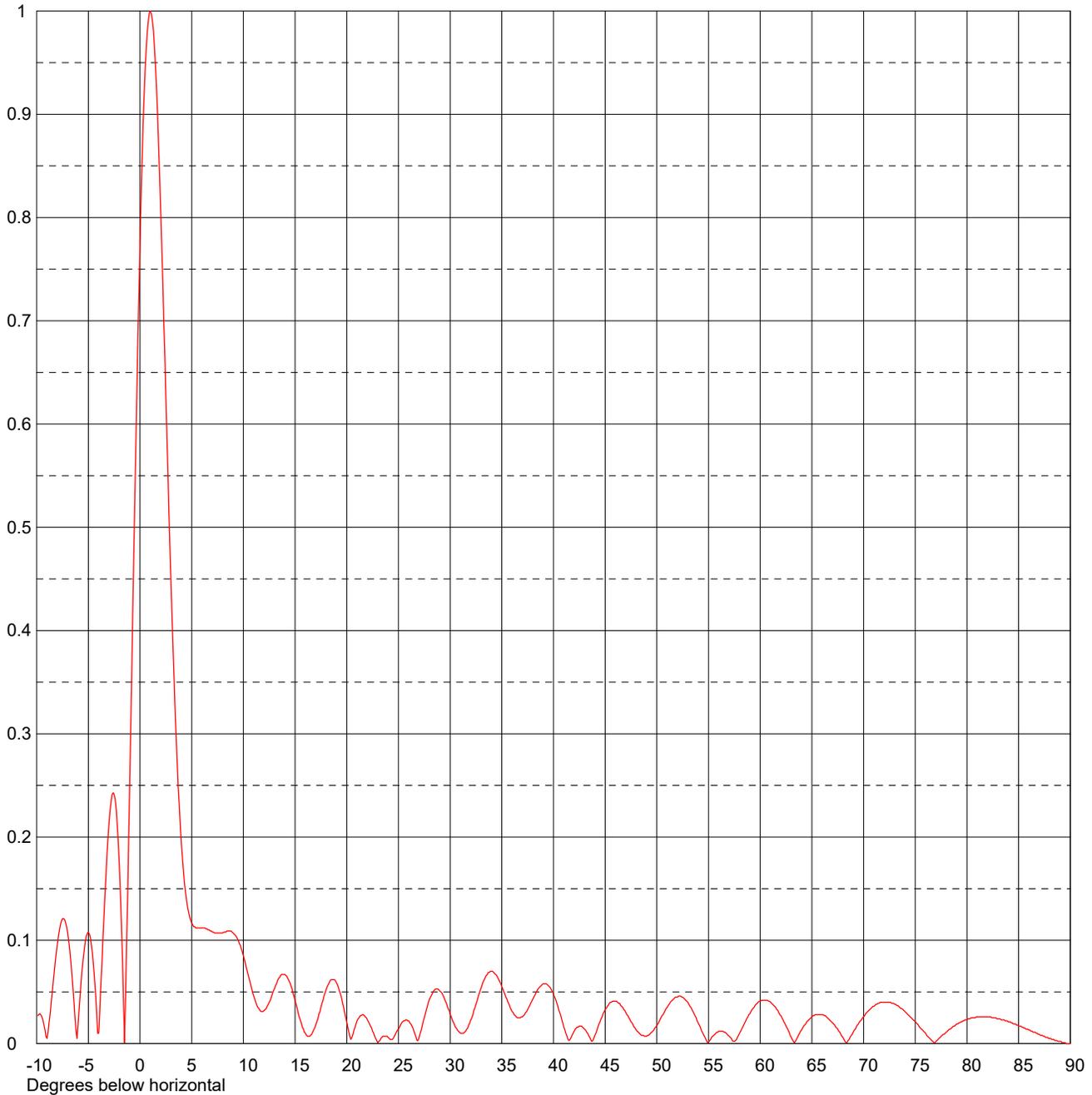


Degrees below horizontal

Remarks:

# Dielectric

| | |
|---|---|
| Date | **22 Nov 2020** |
| Call Letters | Channel **32** |
| Location | |
| Customer | |
| Antenna Type | **TFU-26GTH-R O4** |

## TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #    **26G230100-90**

| Angle | Field | Angle | Field | Angle | Field | Angle | Field | Angle | Field | Angle | Field |
|---|---|---|---|---|---|---|---|---|---|---|---|
| -10.0 | 0.024 | 2.4 | 0.664 | 10.6 | 0.061 | 30.5 | 0.016 | 51.0 | 0.035 | 71.5 | 0.039 |
| -9.5 | 0.026 | 2.6 | 0.589 | 10.8 | 0.053 | 31.0 | 0.010 | 51.5 | 0.042 | 72.0 | 0.040 |
| -9.0 | 0.005 | 2.8 | 0.515 | 11.0 | 0.046 | 31.5 | 0.012 | 52.0 | 0.045 | 72.5 | 0.040 |
| -8.5 | 0.049 | 3.0 | 0.445 | 11.5 | 0.034 | 32.0 | 0.023 | 52.5 | 0.045 | 73.0 | 0.038 |
| -8.0 | 0.096 | 3.2 | 0.380 | 12.0 | 0.032 | 32.5 | 0.038 | 53.0 | 0.040 | 73.5 | 0.035 |
| -7.5 | 0.121 | 3.4 | 0.322 | 12.5 | 0.040 | 33.0 | 0.054 | 53.5 | 0.031 | 74.0 | 0.031 |
| -7.0 | 0.107 | 3.6 | 0.271 | 13.0 | 0.053 | 33.5 | 0.066 | 54.0 | 0.020 | 74.5 | 0.026 |
| -6.5 | 0.055 | 3.8 | 0.229 | 13.5 | 0.064 | 34.0 | 0.070 | 54.5 | 0.009 | 75.0 | 0.021 |
| -6.0 | 0.018 | 4.0 | 0.194 | 14.0 | 0.067 | 34.5 | 0.066 | 55.0 | 0.001 | 75.5 | 0.015 |
| -5.5 | 0.082 | 4.2 | 0.167 | 14.5 | 0.059 | 35.0 | 0.055 | 55.5 | 0.008 | 76.0 | 0.010 |
| -5.0 | 0.108 | 4.4 | 0.147 | 15.0 | 0.042 | 35.5 | 0.043 | 56.0 | 0.012 | 76.5 | 0.004 |
| -4.5 | 0.075 | 4.6 | 0.132 | 15.5 | 0.023 | 36.0 | 0.031 | 56.5 | 0.011 | 77.0 | 0.002 |
| -4.0 | 0.010 | 4.8 | 0.123 | 16.0 | 0.010 | 36.5 | 0.025 | 57.0 | 0.007 | 77.5 | 0.007 |
| -3.5 | 0.121 | 5.0 | 0.117 | 16.5 | 0.008 | 37.0 | 0.026 | 57.5 | 0.002 | 78.0 | 0.011 |
| -3.0 | 0.214 | 5.2 | 0.113 | 17.0 | 0.018 | 37.5 | 0.033 | 58.0 | 0.010 | 78.5 | 0.015 |
| -2.8 | 0.235 | 5.4 | 0.112 | 17.5 | 0.035 | 38.0 | 0.043 | 58.5 | 0.020 | 79.0 | 0.019 |
| -2.6 | 0.243 | 5.6 | 0.112 | 18.0 | 0.052 | 38.5 | 0.053 | 59.0 | 0.029 | 79.5 | 0.021 |
| -2.4 | 0.236 | 5.8 | 0.112 | 18.5 | 0.062 | 39.0 | 0.058 | 59.5 | 0.037 | 80.0 | 0.023 |
| -2.2 | 0.212 | 6.0 | 0.112 | 19.0 | 0.059 | 39.5 | 0.056 | 60.0 | 0.041 | 80.5 | 0.025 |
| -2.0 | 0.172 | 6.2 | 0.112 | 19.5 | 0.044 | 40.0 | 0.048 | 60.5 | 0.042 | 81.0 | 0.026 |
| -1.8 | 0.114 | 6.4 | 0.111 | 20.0 | 0.021 | 40.5 | 0.033 | 61.0 | 0.040 | 81.5 | 0.026 |
| -1.6 | 0.041 | 6.6 | 0.110 | 20.5 | 0.006 | 41.0 | 0.016 | 61.5 | 0.035 | 82.0 | 0.026 |
| -1.4 | 0.046 | 6.8 | 0.109 | 21.0 | 0.022 | 41.5 | 0.003 | 62.0 | 0.027 | 82.5 | 0.025 |
| -1.2 | 0.144 | 7.0 | 0.108 | 21.5 | 0.028 | 42.0 | 0.012 | 62.5 | 0.017 | 83.0 | 0.024 |
| -1.0 | 0.251 | 7.2 | 0.107 | 22.0 | 0.023 | 42.5 | 0.017 | 63.0 | 0.006 | 83.5 | 0.023 |
| -0.8 | 0.362 | 7.4 | 0.107 | 22.5 | 0.012 | 43.0 | 0.014 | 63.5 | 0.004 | 84.0 | 0.021 |
| -0.6 | 0.474 | 7.6 | 0.107 | 23.0 | 0.001 | 43.5 | 0.006 | 64.0 | 0.013 | 84.5 | 0.019 |
| -0.4 | 0.583 | 7.8 | 0.107 | 23.5 | 0.007 | 44.0 | 0.008 | 64.5 | 0.021 | 85.0 | 0.017 |
| -0.2 | 0.686 | 8.0 | 0.107 | 24.0 | 0.006 | 44.5 | 0.021 | 65.0 | 0.026 | 85.5 | 0.015 |
| 0.0 | 0.777 | 8.2 | 0.108 | 24.5 | 0.005 | 45.0 | 0.033 | 65.5 | 0.028 | 86.0 | 0.013 |
| 0.2 | 0.856 | 8.4 | 0.109 | 25.0 | 0.014 | 45.5 | 0.040 | 66.0 | 0.028 | 86.5 | 0.011 |
| 0.4 | 0.919 | 8.6 | 0.109 | 25.5 | 0.022 | 46.0 | 0.041 | 66.5 | 0.025 | 87.0 | 0.009 |
| 0.6 | 0.964 | 8.8 | 0.109 | 26.0 | 0.022 | 46.5 | 0.037 | 67.0 | 0.020 | 87.5 | 0.007 |
| 0.8 | 0.991 | 9.0 | 0.107 | 26.5 | 0.012 | 47.0 | 0.030 | 67.5 | 0.014 | 88.0 | 0.005 |
| 1.0 | 1.000 | 9.2 | 0.105 | 27.0 | 0.006 | 47.5 | 0.021 | 68.0 | 0.006 | 88.5 | 0.003 |
| 1.2 | 0.991 | 9.4 | 0.102 | 27.5 | 0.025 | 48.0 | 0.013 | 68.5 | 0.003 | 89.0 | 0.002 |
| 1.4 | 0.965 | 9.6 | 0.097 | 28.0 | 0.043 | 48.5 | 0.008 | 69.0 | 0.011 | 89.5 | 0.001 |
| 1.6 | 0.924 | 9.8 | 0.092 | 28.5 | 0.052 | 49.0 | 0.007 | 69.5 | 0.019 | 90.0 | 0.000 |
| 1.8 | 0.870 | 10.0 | 0.085 | 29.0 | 0.051 | 49.5 | 0.011 | 70.0 | 0.026 | | |
| 2.0 | 0.807 | 10.2 | 0.077 | 29.5 | 0.042 | 50.0 | 0.018 | 70.5 | 0.032 | | |
| 2.2 | 0.738 | 10.4 | 0.069 | 30.0 | 0.029 | 50.5 | 0.027 | 71.0 | 0.036 | | |

Remarks: