



Date **6-Sep-02**
 Call Letters **WBZE**
 Location **Tallahassee, FL**
 Customer **Cumulus**
 Antenna Type **DCR-M8FE-SS.87BT0.40**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **050-90**

| Angle | Field | Angle | Field | Angle | Field | Angle | Field | Angle | Field | Angle | Field |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------|-------|
| -10.0 | 0.187 | 2.4 | 0.906 | 10.6 | 0.169 | 30.5 | 0.107 | 51.0 | 0.077 | 71.5 | 0.069 |
| -9.5 | 0.158 | 2.6 | 0.887 | 10.8 | 0.181 | 31.0 | 0.106 | 51.5 | 0.081 | 72.0 | 0.068 |
| -9.0 | 0.119 | 2.8 | 0.867 | 11.0 | 0.191 | 31.5 | 0.102 | 52.0 | 0.084 | 72.5 | 0.066 |
| -8.5 | 0.072 | 3.0 | 0.845 | 11.5 | 0.210 | 32.0 | 0.096 | 52.5 | 0.085 | 73.0 | 0.064 |
| -8.0 | 0.017 | 3.2 | 0.821 | 12.0 | 0.220 | 32.5 | 0.087 | 53.0 | 0.085 | 73.5 | 0.062 |
| -7.5 | 0.045 | 3.4 | 0.797 | 12.5 | 0.223 | 33.0 | 0.077 | 53.5 | 0.084 | 74.0 | 0.060 |
| -7.0 | 0.114 | 3.6 | 0.771 | 13.0 | 0.218 | 33.5 | 0.064 | 54.0 | 0.082 | 74.5 | 0.057 |
| -6.5 | 0.189 | 3.8 | 0.744 | 13.5 | 0.206 | 34.0 | 0.051 | 54.5 | 0.079 | 75.0 | 0.055 |
| -6.0 | 0.268 | 4.0 | 0.716 | 14.0 | 0.188 | 34.5 | 0.036 | 55.0 | 0.076 | 75.5 | 0.052 |
| -5.5 | 0.349 | 4.2 | 0.687 | 14.5 | 0.165 | 35.0 | 0.021 | 55.5 | 0.071 | 76.0 | 0.050 |
| -5.0 | 0.432 | 4.4 | 0.657 | 15.0 | 0.138 | 35.5 | 0.005 | 56.0 | 0.065 | 76.5 | 0.047 |
| -4.5 | 0.515 | 4.6 | 0.626 | 15.5 | 0.109 | 36.0 | 0.010 | 56.5 | 0.059 | 77.0 | 0.045 |
| -4.0 | 0.595 | 4.8 | 0.595 | 16.0 | 0.077 | 36.5 | 0.025 | 57.0 | 0.053 | 77.5 | 0.042 |
| -3.5 | 0.672 | 5.0 | 0.563 | 16.5 | 0.045 | 37.0 | 0.039 | 57.5 | 0.046 | 78.0 | 0.040 |
| -3.0 | 0.744 | 5.2 | 0.531 | 17.0 | 0.013 | 37.5 | 0.051 | 58.0 | 0.038 | 78.5 | 0.037 |
| -2.8 | 0.771 | 5.4 | 0.498 | 17.5 | 0.017 | 38.0 | 0.062 | 58.5 | 0.031 | 79.0 | 0.035 |
| -2.6 | 0.797 | 5.6 | 0.465 | 18.0 | 0.045 | 38.5 | 0.072 | 59.0 | 0.023 | 79.5 | 0.033 |
| -2.4 | 0.822 | 5.8 | 0.432 | 18.5 | 0.071 | 39.0 | 0.080 | 59.5 | 0.015 | 80.0 | 0.031 |
| -2.2 | 0.845 | 6.0 | 0.399 | 19.0 | 0.093 | 39.5 | 0.086 | 60.0 | 0.007 | 80.5 | 0.028 |
| -2.0 | 0.867 | 6.2 | 0.366 | 19.5 | 0.111 | 40.0 | 0.090 | 60.5 | 0.001 | 81.0 | 0.026 |
| -1.8 | 0.888 | 6.4 | 0.333 | 20.0 | 0.124 | 40.5 | 0.092 | 61.0 | 0.008 | 81.5 | 0.025 |
| -1.6 | 0.907 | 6.6 | 0.300 | 20.5 | 0.134 | 41.0 | 0.092 | 61.5 | 0.016 | 82.0 | 0.023 |
| -1.4 | 0.924 | 6.8 | 0.268 | 21.0 | 0.138 | 41.5 | 0.091 | 62.0 | 0.023 | 82.5 | 0.021 |
| -1.2 | 0.940 | 7.0 | 0.236 | 21.5 | 0.139 | 42.0 | 0.087 | 62.5 | 0.029 | 83.0 | 0.020 |
| -1.0 | 0.954 | 7.2 | 0.205 | 22.0 | 0.135 | 42.5 | 0.082 | 63.0 | 0.036 | 83.5 | 0.018 |
| -0.8 | 0.966 | 7.4 | 0.174 | 22.5 | 0.127 | 43.0 | 0.075 | 63.5 | 0.041 | 84.0 | 0.017 |
| -0.6 | 0.976 | 7.6 | 0.144 | 23.0 | 0.115 | 43.5 | 0.067 | 64.0 | 0.047 | 84.5 | 0.015 |
| -0.4 | 0.985 | 7.8 | 0.115 | 23.5 | 0.101 | 44.0 | 0.058 | 64.5 | 0.052 | 85.0 | 0.014 |
| -0.2 | 0.991 | 8.0 | 0.087 | 24.0 | 0.084 | 44.5 | 0.048 | 65.0 | 0.057 | 85.5 | 0.013 |
| 0.0 | 0.996 | 8.2 | 0.060 | 24.5 | 0.065 | 45.0 | 0.037 | 65.5 | 0.060 | 86.0 | 0.012 |
| 0.2 | 0.999 | 8.4 | 0.033 | 25.0 | 0.045 | 45.5 | 0.026 | 66.0 | 0.064 | 86.5 | 0.012 |
| 0.4 | 1.000 | 8.6 | 0.008 | 25.5 | 0.024 | 46.0 | 0.014 | 66.5 | 0.066 | 87.0 | 0.011 |
| 0.6 | 0.999 | 8.8 | 0.016 | 26.0 | 0.003 | 46.5 | 0.002 | 67.0 | 0.069 | 87.5 | 0.010 |
| 0.8 | 0.996 | 9.0 | 0.039 | 26.5 | 0.017 | 47.0 | 0.009 | 67.5 | 0.070 | 88.0 | 0.010 |
| 1.0 | 0.991 | 9.2 | 0.061 | 27.0 | 0.036 | 47.5 | 0.020 | 68.0 | 0.072 | 88.5 | 0.009 |
| 1.2 | 0.985 | 9.4 | 0.081 | 27.5 | 0.054 | 48.0 | 0.031 | 68.5 | 0.072 | 89.0 | 0.009 |
| 1.4 | 0.976 | 9.6 | 0.100 | 28.0 | 0.069 | 48.5 | 0.041 | 69.0 | 0.073 | 89.5 | 0.008 |
| 1.6 | 0.966 | 9.8 | 0.109 | 28.5 | 0.082 | 49.0 | 0.050 | 69.5 | 0.073 | 90.0 | 0.008 |
| 1.8 | 0.953 | 10.0 | 0.126 | 29.0 | 0.093 | 49.5 | 0.059 | 70.0 | 0.072 | Exhibit E, Fig. 2 | |
| 2.0 | 0.939 | 10.2 | 0.142 | 29.5 | 0.101 | 50.0 | 0.066 | 70.5 | 0.072 | | |
| 2.2 | 0.924 | 10.4 | 0.156 | 30.0 | 0.105 | 50.5 | 0.072 | 71.0 | 0.071 | | |