

## FCC Spurious Emission at Antenna Terminal

8/28/99

800D

| Frequency | Reading | Att. + Cable loss | Net   | Limit | Margin |
|-----------|---------|-------------------|-------|-------|--------|
| (MHz)     | (dBm)   | (dB)              | (dBm) | (dBm) | (dB)   |

991ch (824MHz)

|           |      |         |       |       |       |       |         |
|-----------|------|---------|-------|-------|-------|-------|---------|
| Tx        |      | 824.04  | -1.6  | -31.4 | 29.8  |       |         |
| Harmonics | 2nd  | 1648.08 | -56.6 | -31.4 | -25.2 | -13.2 | -12     |
|           | 3rd  | 2472.12 | -59.2 | -31.4 | -27.8 | -13.2 | -14.6   |
|           | 4th  | 3296.16 | -75.5 | -31.4 | -44.1 | -13.2 | -30.9 * |
|           | 5th  | 4120.2  | -75.6 | -31.4 | -44.2 | -13.2 | -31 *   |
|           | 6th  | 4944.24 | -74.8 | -31.4 | -43.4 | -13.2 | -30.2 * |
|           | 7th  | 5768.28 | -75.3 | -31.4 | -43.9 | -13.2 | -30.7 * |
|           | 8th  | 6592.32 | -70.1 | -31.4 | -38.7 | -13.2 | -25.5 * |
|           | 9th  | 7416.36 | -70.9 | -31.4 | -39.5 | -13.2 | -26.3 * |
|           | 10th | 8240.4  | -71.4 | -31.4 | -40   | -13.2 | -26.8 * |
| Others    |      | 1007.2  | -72.5 | -31.4 | -41.1 | -13.2 | -27.9   |

\* : Noise floor measurements at these frequencies.

Table 7

## FCC Spurious Emission at Antenna Terminal

8/28/99

800D

| Frequency | Reading | Att. + Cable loss | Net   | Limit | Margin |
|-----------|---------|-------------------|-------|-------|--------|
| (MHz)     | (dBm)   | (dB)              | (dBm) | (dBm) | (dB)   |

384ch (836.5MHz)

|           |      |         |       |      |       |       |         |
|-----------|------|---------|-------|------|-------|-------|---------|
| Tx        |      | 836.52  | -1.8  | 31.4 | 29.6  |       |         |
| Harmonics | 2nd  | 1673.04 | -63.2 | 31.4 | -31.8 | -13.4 | -18.4   |
|           | 3rd  | 2509.56 | -75.3 | 31.4 | -43.9 | -13.4 | -30.5   |
|           | 4th  | 3346.08 | -73.9 | 31.4 | -42.5 | -13.4 | -29.1 * |
|           | 5th  | 4182.6  | -75.1 | 31.4 | -43.7 | -13.4 | -30.3 * |
|           | 6th  | 5019.12 | -74.9 | 31.4 | -43.5 | -13.4 | -30.1 * |
|           | 7th  | 5855.64 | -69.7 | 31.4 | -38.3 | -13.4 | -24.9 * |
|           | 8th  | 6692.16 | -69.6 | 31.4 | -38.2 | -13.4 | -24.8 * |
|           | 9th  | 7528.68 | -70.5 | 31.4 | -39.1 | -13.4 | -25.7 * |
|           | 10th | 8365.2  | -71.3 | 31.4 | -39.9 | -13.4 | -26.5 * |
| Others    |      | 1019.68 | -70.2 | 31.4 | -38.8 | -13.4 | -25.4   |

\* : Noise-floor measurements at these frequencies

Table 8

## FCC Spurious Emission at Antenna Terminal

8/28/99

800D

| Frequency | Reading | Att. + Cable loss | Net   | Limit | Margin |
|-----------|---------|-------------------|-------|-------|--------|
| (MHz)     | (dBm)   | (dB)              | (dBm) | (dBm) | (dB)   |

799ch (849MHz)

|           |      |         |       |      |       |       |         |
|-----------|------|---------|-------|------|-------|-------|---------|
| Tx        |      | 848.97  | -2.3  | 31.4 | 29.1  |       |         |
| Harmonics | 2nd  | 1697.94 | -50.4 | 31.4 | -19   | -13.9 | -5.1    |
|           | 3rd  | 2546.91 | -70.4 | 31.4 | -39   | -13.9 | -25.1   |
|           | 4th  | 3395.88 | -74.9 | 31.4 | -43.5 | -13.9 | -29.6 * |
|           | 5th  | 4244.85 | -74.6 | 31.4 | -43.2 | -13.9 | -29.3 * |
|           | 6th  | 5093.82 | -75.5 | 31.4 | -44.1 | -13.9 | -30.2 * |
|           | 7th  | 5942.79 | -70   | 31.4 | -38.6 | -13.9 | -24.7 * |
|           | 8th  | 6791.76 | -69.8 | 31.4 | -38.4 | -13.9 | -24.5 * |
|           | 9th  | 7640.73 | -70.6 | 31.4 | -39.2 | -13.9 | -25.3 * |
|           | 10th | 8489.7  | -71.4 | 31.4 | -40   | -13.9 | -26.1 * |
| Others    |      | 1032.13 | -70.9 | 31.4 | -39.5 | -13.9 | -25.6   |

\* : Noise-floor measurements at these frequencies

Table 9