6.4. **Radiated Spurious Emissions Data** -- Pursuant 47 CFR 2.1053, 2.1057, 90.210(g) and 90.691(a).

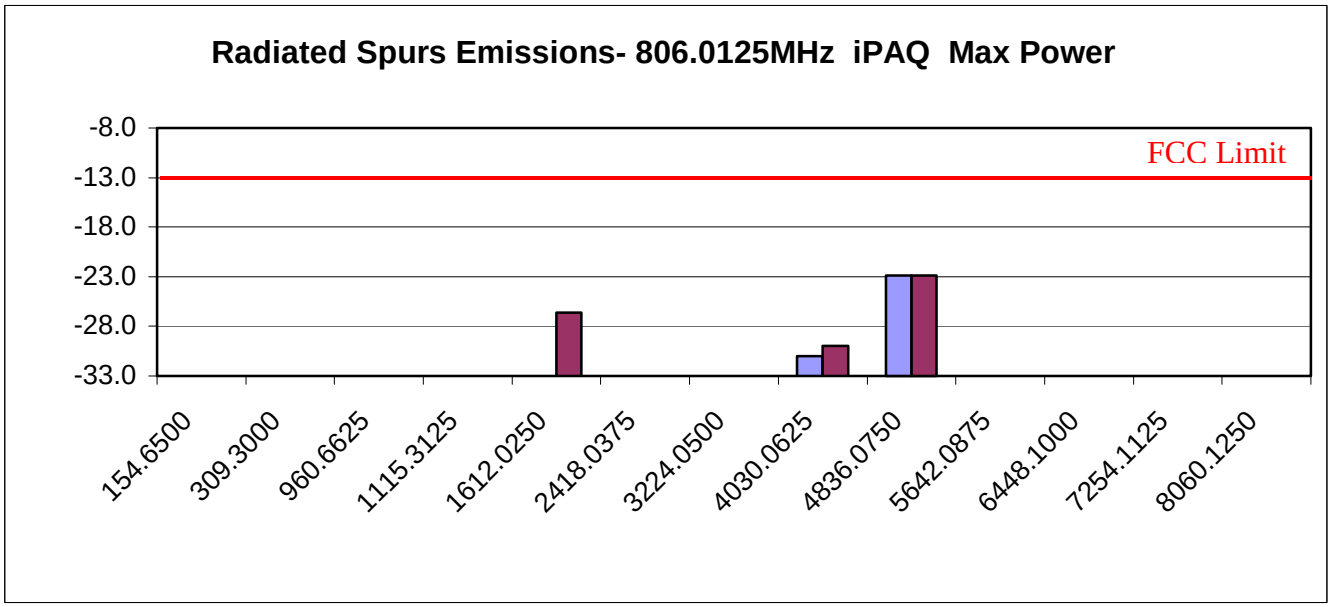
The method described in paragraph 7.3 was employed.

FCC Limits

Radiated spurious emissions shall be attenuated below the maximum level of emission of the carrier frequency in accordance with the following formula:

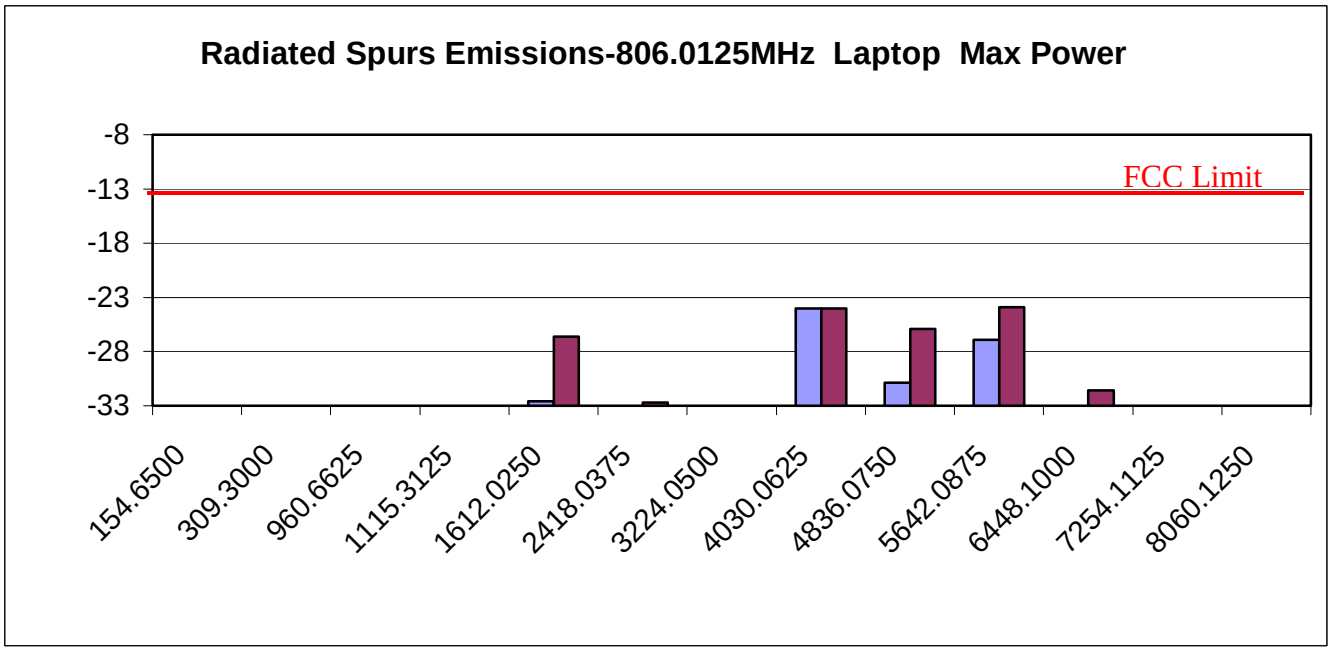
Spurious attenuation (dB) = 43 + 10 $\log_{10}$ (P), P = Maximum Power output power setting in Watts.

NOTE 1: The following data reflects worst-case measurements taken on the unit, side orientation in this case.
NOTE 2: Spurious emissions are independent of modulation type. M-16QAM was used to obtain the results reported.
NOTE 3: All the measurements were made with the PCMCIA card in both the Laptop PC and the iPAQ model H3650/70 PDA.
NOTE 4: All results 20dB or better than the FCC limits are not reported.




| | | 806.0125 | iPAQ | Radiated |
|---|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** | **Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 960.6625 | -13 | <-38 | <-38 |
| LO+IF | 1115.3125 | -13 | <-38 | <-38 |
| 2xFundamental | 1612.0250 | -13 | -35.6 | -26.6 |
| 3xFundamental | 2418.0375 | -13 | <-38 | <-38 |
| 4xFundamental | 3224.0500 | -13 | <-38 | <-38 |
| 5xFundamental | 4030.0625 | -13 | -31.0 | -30.0 |
| 6xFundamental | 4836.0750 | -13 | -22.9 | -22.9 |
| 7xFundamental | 5642.0875 | -13 | <-38 | <-38 |
| 8xFundamental | 6448.1000 | -13 | <-38 | <-38 |
| 9xFundamental | 7254.1125 | -13 | <-38 | <-38 |
| 10xFundamental | 8060.1250 | -13 | <-38 | <-38 |

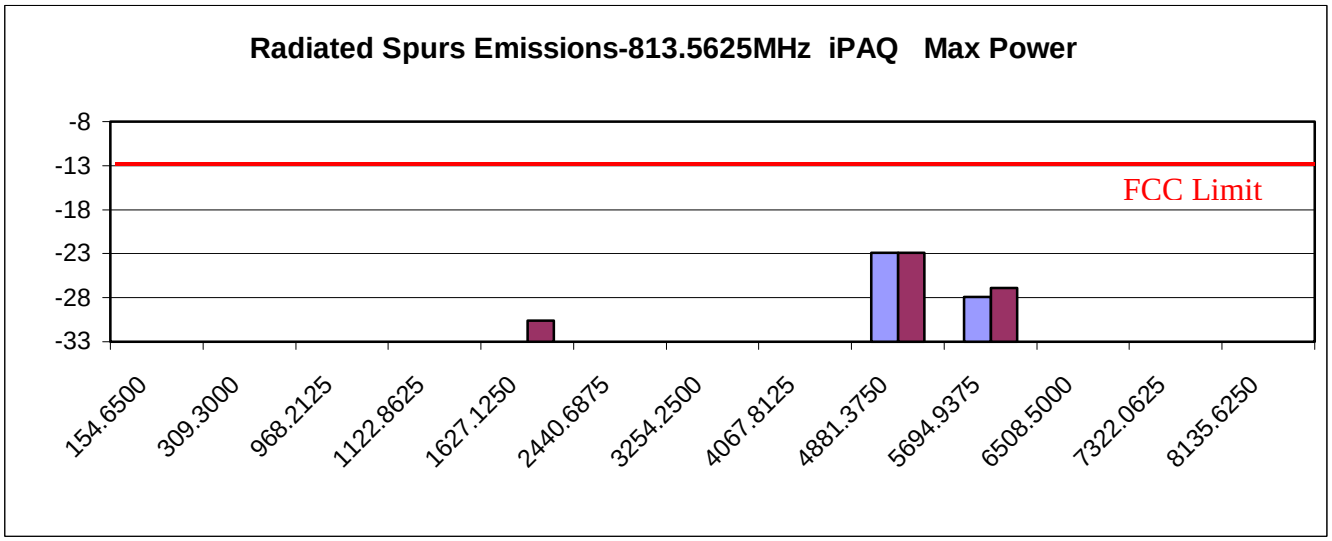
**Table 6-1: 806.0625 MHz Radiated Transmitter Emissions (16QAM) At Maximum Output Power Setting in iPAQ.**




806.0125 Laptop Radiated

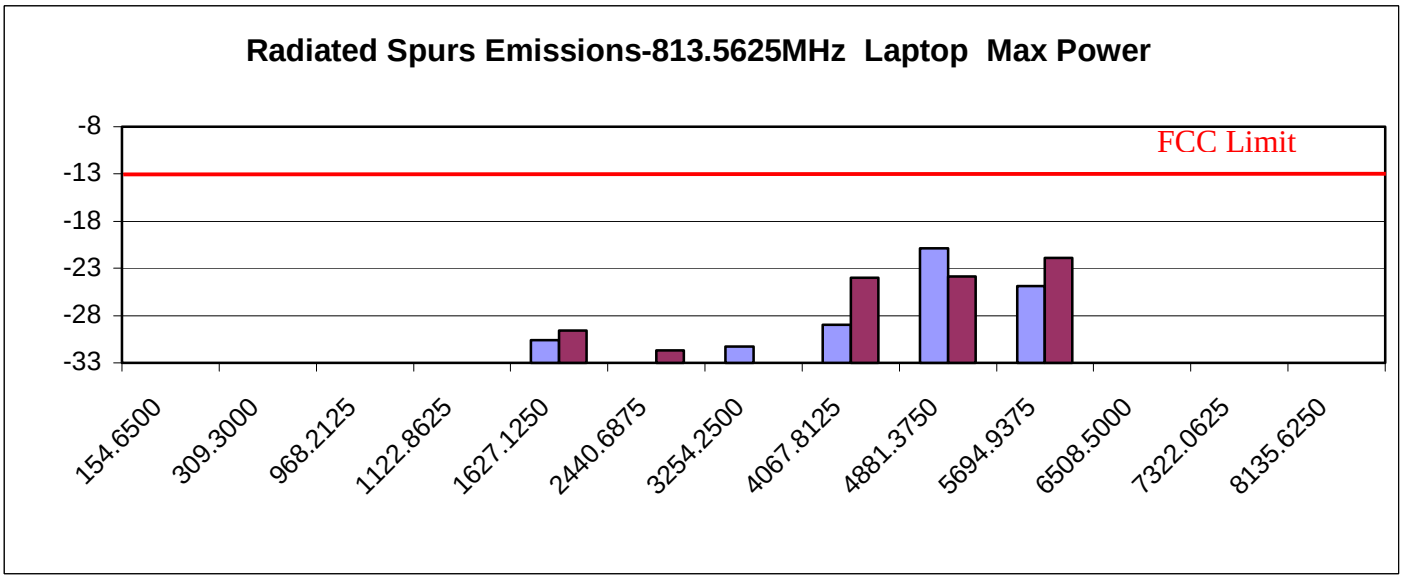
| Spur | Frequency [MHz] | FCC Max Limit [dBm] | Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm] | Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm] |
|---|---|---|---|---|
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 960.6625 | -13 | <-38 | <-38 |
| LO+IF | 1115.3125 | -13 | <-38 | <-38 |
| 2xFundamental | 1612.0250 | -13 | -32.6 | -26.6 |
| 3xFundamental | 2418.0375 | -13 | -36.7 | -32.7 |
| 4xFundamental | 3224.0500 | -13 | -35.3 | -36.3 |
| 5xFundamental | 4030.0625 | -13 | -24 | -24 |
| 6xFundamental | 4836.0750 | -13 | -30.9 | -25.9 |
| 7xFundamental | 5642.0875 | -13 | -26.9 | -23.9 |
| 8xFundamental | 6448.1000 | -13 | -35.6 | -31.6 |
| 9xFundamental | 7254.1125 | -13 | <-38 | <-38 |
| 10xFundamental | 8060.1250 | -13 | <-38 | <-38 |

**Table 6-2: 806.0625 MHz Radiated Transmitter Emissions (16QAM) At Maximum Output Power Setting in Laptop.**




| | | 813.5625 | iPAQ | Radiated |
|---|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** | **Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 968.2125 | -13 | <-38 | <-38 |
| LO+IF | 1122.8625 | -13 | <-38 | <-38 |
| 2xFundamental | 1627.1250 | -13 | -41.6 | -30.6 |
| 3xFundamental | 2440.6875 | -13 | <-38 | <-38 |
| 4xFundamental | 3254.2500 | -13 | <-38 | <-38 |
| 5xFundamental | 4067.8125 | -13 | <-38 | <-38 |
| 6xFundamental | 4881.3750 | -13 | -22.9 | -22.9 |
| 7xFundamental | 5694.9375 | -13 | -27.9 | -26.9 |
| 8xFundamental | 6508.5000 | -13 | <-38 | <-38 |
| 9xFundamental | 7322.0625 | -13 | <-38 | <-38 |
| 10xFundamental | 8135.6250 | -13 | <-38 | <-38 |

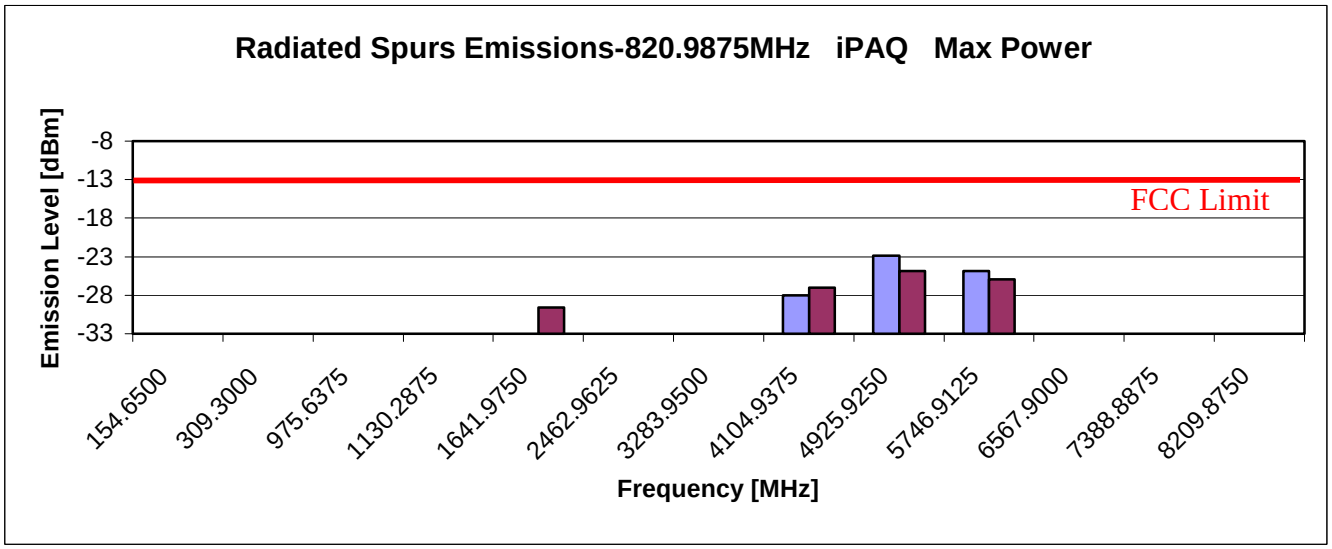
**Table 6-3: 813.5625 MHz Radiated Transmitter Emissions (16QAM) At Maximum Output Power Setting in iPAQ.**




813.5625 Laptop Radiated

| Spur | Frequency [MHz] | FCC Max Limit [dBm] | Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm] | Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm] |
|---|---|---|---|---|
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 968.2125 | -13 | <-38 | <-38 |
| LO+IF | 1122.8625 | -13 | <-38 | <-38 |
| 2xFundamental | 1627.1250 | -13 | -30.6 | -29.6 |
| 3xFundamental | 2440.6875 | -13 | -33.7 | -31.7 |
| 4xFundamental | 3254.2500 | -13 | -31.3 | -34.3 |
| 5xFundamental | 4067.8125 | -13 | -29 | -24 |
| 6xFundamental | 4881.3750 | -13 | -20.9 | -23.9 |
| 7xFundamental | 5694.9375 | -13 | -24.9 | -21.9 |
| 8xFundamental | 6508.5000 | -13 | <-38 | <-38 |
| 9xFundamental | 7322.0625 | -13 | <-38 | <-38 |
| 10xFundamental | 8135.6250 | -13 | <-38 | <-38 |

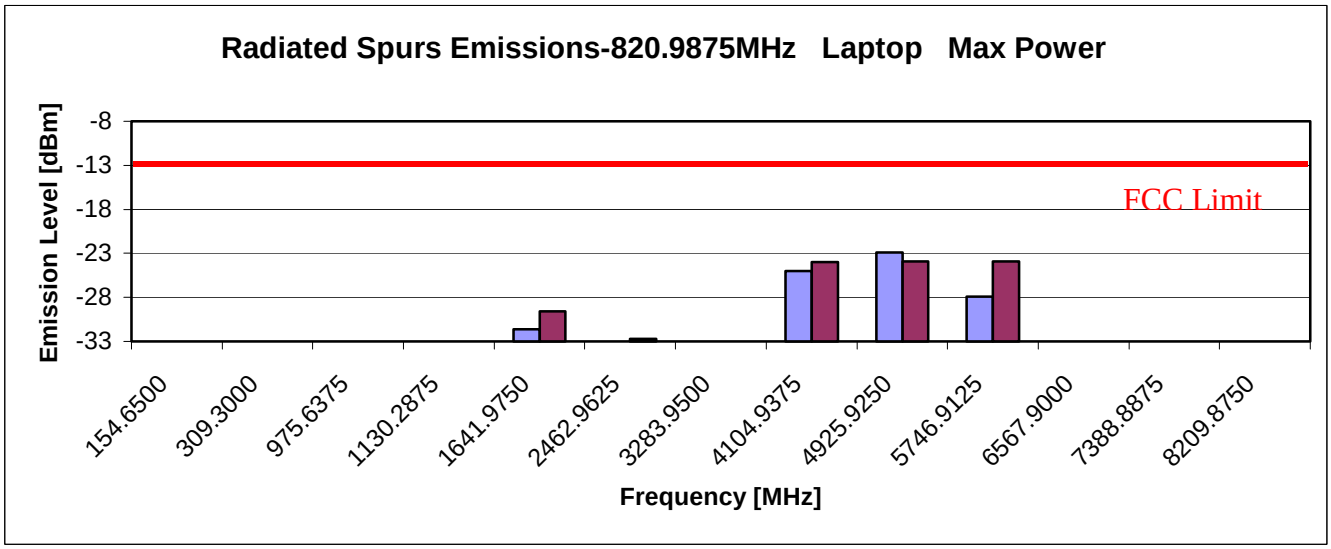
**Table 6-4: 813.5625 MHz Radiated Transmitter Emissions (16QAM) At Maximum Output Power Setting in Laptop.**




820.9875 iPAQ Radiated

| Spur | Frequency [MHz] | FCC Max Limit [dBm] | Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm] | Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm] |
|---|---|---|---|---|
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 975.6375 | -13 | <-38 | <-38 |
| LO+IF | 1130.2875 | -13 | <-38 | <-38 |
| 2xFundamental | 1641.9750 | -13 | -34.6 | -29.6 |
| 3xFundamental | 2462.9625 | -13 | <-38 | <-38 |
| 4xFundamental | 3283.9500 | -13 | <-38 | <-38 |
| 5xFundamental | 4104.9375 | -13 | -28.0 | -27 |
| 6xFundamental | 4925.9250 | -13 | -22.9 | -24.9 |
| 7xFundamental | 5746.9125 | -13 | -24.9 | -25.9 |
| 8xFundamental | 6567.9000 | -13 | <-38 | <-38 |
| 9xFundamental | 7388.8875 | -13 | <-38 | <-38 |
| 10xFundamental | 8209.8750 | -13 | <-38 | <-38 |

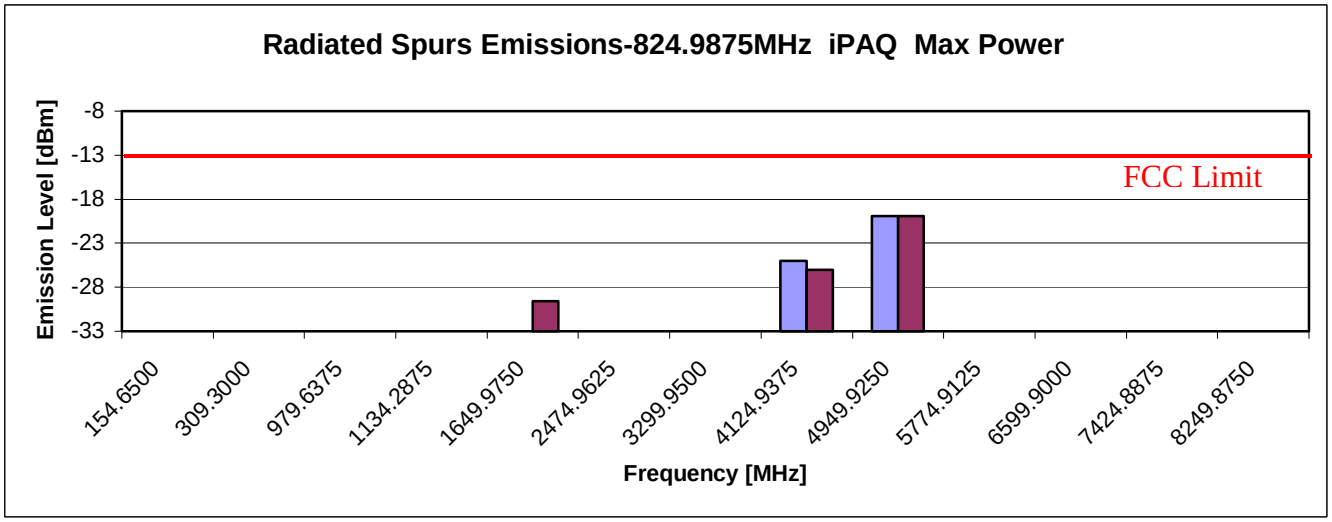
**Table 6-5: 820.9875 MHz Radiated Transmitter Emissions (16QAM) At Maximum Output Power Setting in iPAQ.**




820.9875 Laptop Radiated

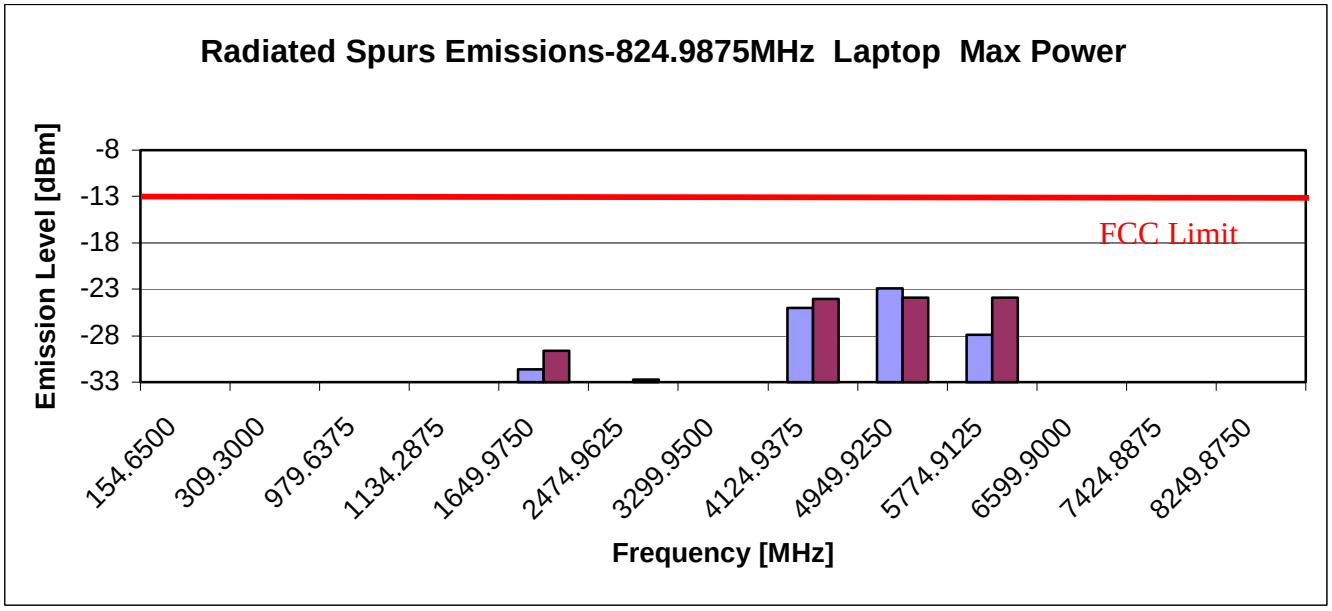
| Spur | Frequency [MHz] | FCC Max Limit [dBm] | Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm] | Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm] |
|---|---|---|---|---|
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 975.6375 | -13 | <-38 | <-38 |
| LO+IF | 1130.2875 | -13 | <-38 | <-38 |
| 2xFundamental | 1641.9750 | -13 | -31.6 | -29.6 |
| 3xFundamental | 2462.9625 | -13 | -36.7 | -32.7 |
| 4xFundamental | 3283.9500 | -13 | -37.3 | -36.3 |
| 5xFundamental | 4104.9375 | -13 | -25 | -24 |
| 6xFundamental | 4925.9250 | -13 | -22.9 | -23.9 |
| 7xFundamental | 5746.9125 | -13 | -27.9 | -23.9 |
| 8xFundamental | 6567.9000 | -13 | <-38 | <-38 |
| 9xFundamental | 7388.8875 | -13 | <-38 | <-38 |
| 10xFundamental | 8209.8750 | -13 | <-38 | <-38 |

**Table 6-6: 820.9875 MHz Radiated Transmitter Emissions (16QAM) At Maximum Output Power Setting in Laptop.**



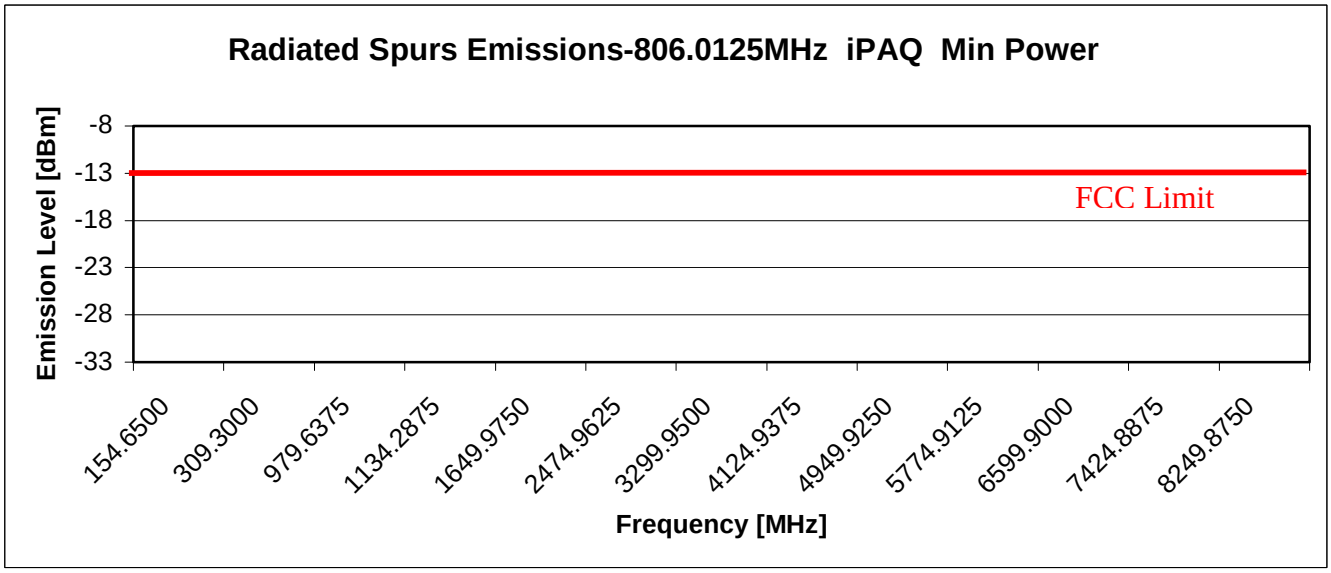

| | | 824.9875 | iPAQ | Radiated |
|---|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** | **Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 979.6375 | -13 | <-38 | <-38 |
| LO+IF | 1134.2875 | -13 | <-38 | <-38 |
| 2xFundamental | 1649.9750 | -13 | -34.6 | -29.6 |
| 3xFundamental | 2474.9625 | -13 | <-38 | <-38 |
| 4xFundamental | 3299.9500 | -13 | <-38 | <-38 |
| 5xFundamental | 4124.9375 | -13 | -25.0 | -26 |
| 6xFundamental | 4949.9250 | -13 | -19.9 | -19.9 |
| 7xFundamental | 5774.9125 | -13 | <-38 | <-38 |
| 8xFundamental | 6599.9000 | -13 | <-38 | <-38 |
| 9xFundamental | 7424.8875 | -13 | <-38 | <-38 |
| 10xFundamental | 8249.8750 | -13 | <-38 | <-38 |

**Table 6-8: 824.9875 MHz Radiated Transmitter Emissions (16QAM) At Maximum Output Power Setting in iPAQ.**



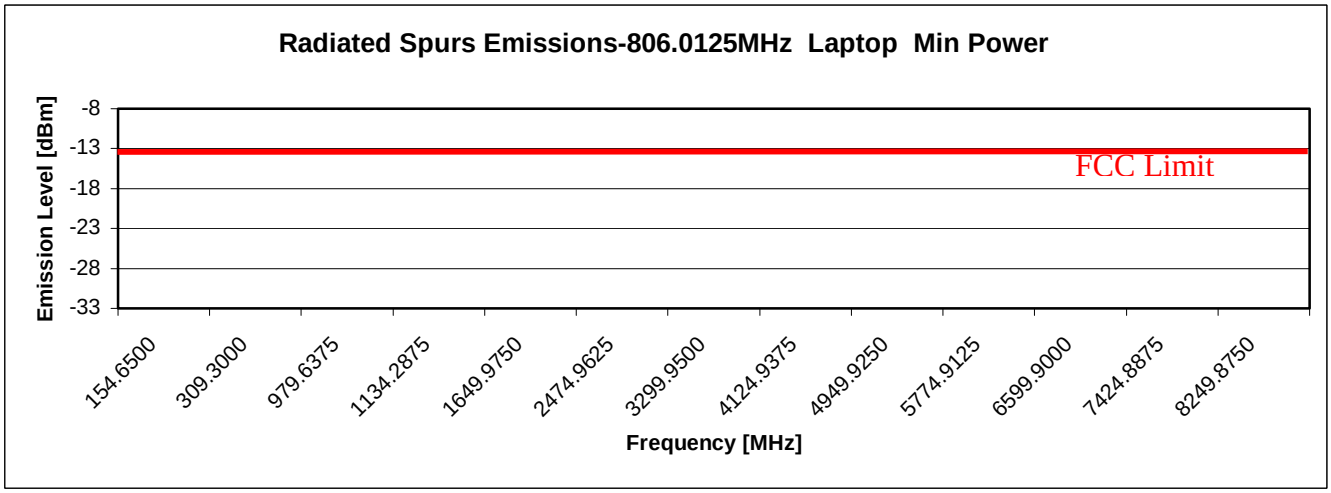

| | | 824.9875 | Laptop | Radiated |
|---|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** | **Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 979.6375 | -13 | <-38 | <-38 |
| LO+IF | 1134.2875 | -13 | <-38 | <-38 |
| 2xFundamental | 1649.9750 | -13 | -31.6 | -29.6 |
| 3xFundamental | 2474.9625 | -13 | -36.7 | -32.7 |
| 4xFundamental | 3299.9500 | -13 | -37.3 | -36.3 |
| 5xFundamental | 4124.9375 | -13 | -25 | -24 |
| 6xFundamental | 4949.9250 | -13 | -22.9 | -23.9 |
| 7xFundamental | 5774.9125 | -13 | -27.9 | -23.9 |
| 8xFundamental | 6599.9000 | -13 | <-38 | <-38 |
| 9xFundamental | 7424.8875 | -13 | <-38 | <-38 |
| 10xFundamental | 8249.8750 | -13 | <-38 | <-38 |

**Table 6-8: 824.9875 MHz Radiated Transmitter Emissions (16QAM) At Maximum Output Power Setting in Laptop.**




| | | 806.0125 | iPAQ | Radiated |
|---|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** | **Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 960.6625 | -13 | <-38 | <-38 |
| LO+IF | 1115.3125 | -13 | <-38 | <-38 |
| 2xFundamental | 1612.0250 | -13 | <-38 | <-38 |
| 3xFundamental | 2418.0375 | -13 | <-38 | <-38 |
| 4xFundamental | 3224.0500 | -13 | <-38 | <-38 |
| 5xFundamental | 4030.0625 | -13 | <-38 | <-38 |
| 6xFundamental | 4836.0750 | -13 | <-38 | <-38 |
| 7xFundamental | 5642.0875 | -13 | <-38 | <-38 |
| 8xFundamental | 6448.1000 | -13 | <-38 | <-38 |
| 9xFundamental | 7254.1125 | -13 | <-38 | <-38 |
| 10xFundamental | 8060.1250 | -13 | <-38 | <-38 |

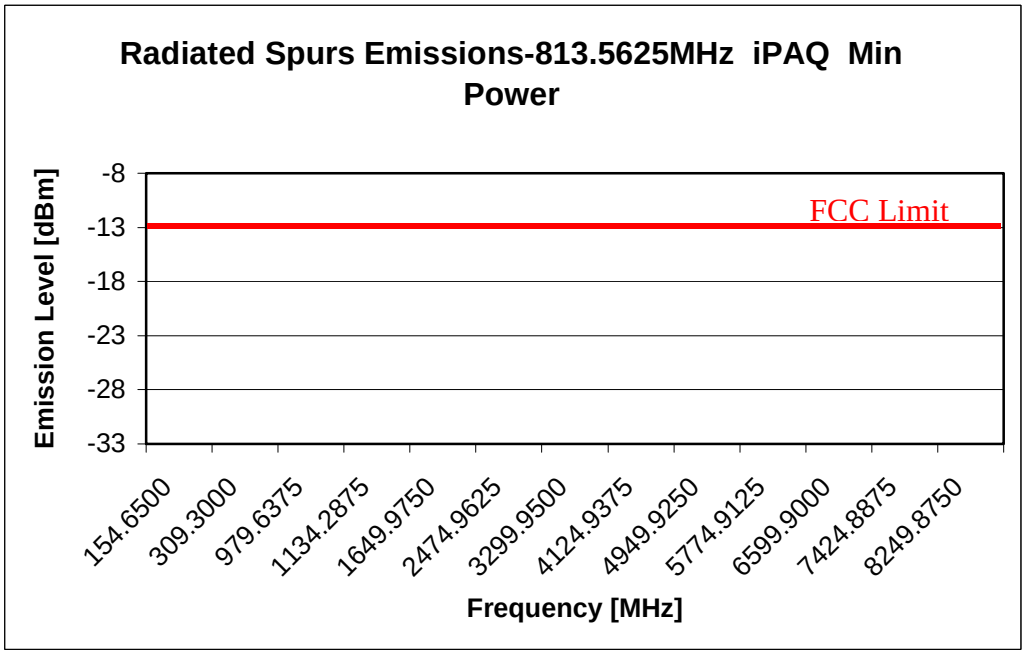
**Table 6-9: 806.0125 MHz Radiated Transmitter Emissions (16QAM) At Minimum Output Power Setting in iPAQ.**




806.0125 Laptop Radiated

| Spur | Frequency [MHz] | FCC Max Limit [dBm] | Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm] | Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm] |
|---|---|---|---|---|
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 960.6625 | -13 | <-38 | <-38 |
| LO+IF | 1115.3125 | -13 | <-38 | <-38 |
| 2xFundamental | 1612.0250 | -13 | <-38 | <-38 |
| 3xFundamental | 2418.0375 | -13 | <-38 | <-38 |
| 4xFundamental | 3224.0500 | -13 | <-38 | <-38 |
| 5xFundamental | 4030.0625 | -13 | <-38 | <-38 |
| 6xFundamental | 4836.0750 | -13 | <-38 | <-38 |
| 7xFundamental | 5642.0875 | -13 | <-38 | <-38 |
| 8xFundamental | 6448.1000 | -13 | <-38 | <-38 |
| 9xFundamental | 7254.1125 | -13 | <-38 | <-38 |
| 10xFundamental | 8060.1250 | -13 | <-38 | <-38 |

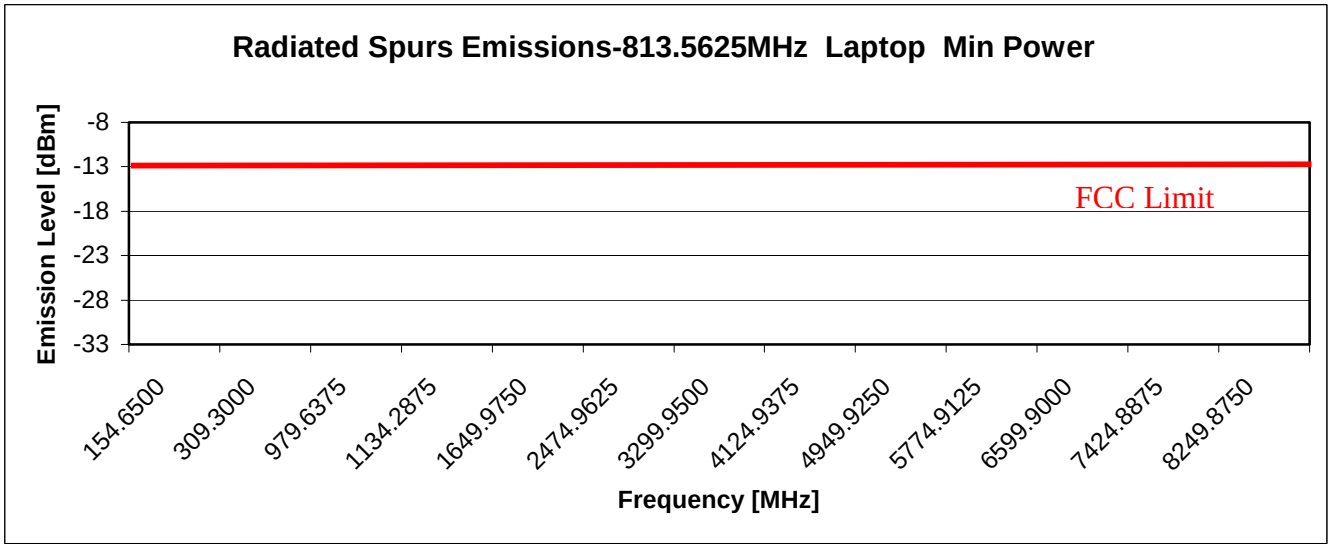
**Table 6-10: 806.0125 MHz Radiated Transmitter Emissions (16QAM) At Minimum Output Power Setting in Laptop.**




813.5625 iPAQ Radiated

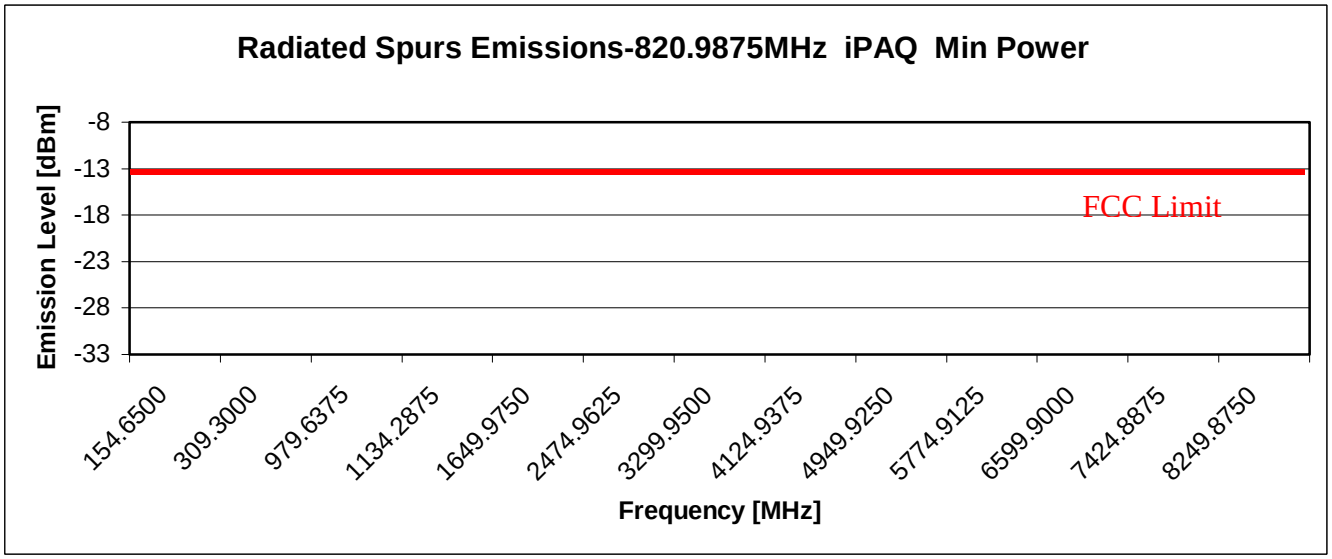
| Spur | Frequency [MHz] | FCC Max Limit [dBm] | Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm] | Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm] |
|---|---|---|---|---|
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 968.2125 | -13 | <-38 | <-38 |
| LO+IF | 1122.8625 | -13 | <-38 | <-38 |
| 2xFundamental | 1627.1250 | -13 | <-38 | <-38 |
| 3xFundamental | 2440.6875 | -13 | <-38 | <-38 |
| 4xFundamental | 3254.2500 | -13 | <-38 | <-38 |
| 5xFundamental | 4067.8125 | -13 | <-38 | <-38 |
| 6xFundamental | 4881.3750 | -13 | <-38 | <-38 |
| 7xFundamental | 5694.9375 | -13 | <-38 | <-38 |
| 8xFundamental | 6508.5000 | -13 | <-38 | <-38 |
| 9xFundamental | 7322.0625 | -13 | <-38 | <-38 |
| 10xFundamental | 8135.6250 | -13 | <-38 | <-38 |

**Table 6-11: 813.5625 MHz Radiated Transmitter Emissions (16QAM) At Minimum Output Power Setting in iPAQ.**




| | | 813.5625 | Laptop | Radiated |
|---|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** | **Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 968.2125 | -13 | <-38 | <-38 |
| LO+IF | 1122.8625 | -13 | <-38 | <-38 |
| 2xFundamental | 1627.1250 | -13 | <-38 | <-38 |
| 3xFundamental | 2440.6875 | -13 | <-38 | <-38 |
| 4xFundamental | 3254.2500 | -13 | <-38 | <-38 |
| 5xFundamental | 4067.8125 | -13 | <-38 | <-38 |
| 6xFundamental | 4881.3750 | -13 | <-38 | <-38 |
| 7xFundamental | 5694.9375 | -13 | <-38 | <-38 |
| 8xFundamental | 6508.5000 | -13 | <-38 | <-38 |
| 9xFundamental | 7322.0625 | -13 | <-38 | <-38 |
| 10xFundamental | 8135.6250 | -13 | <-38 | <-38 |

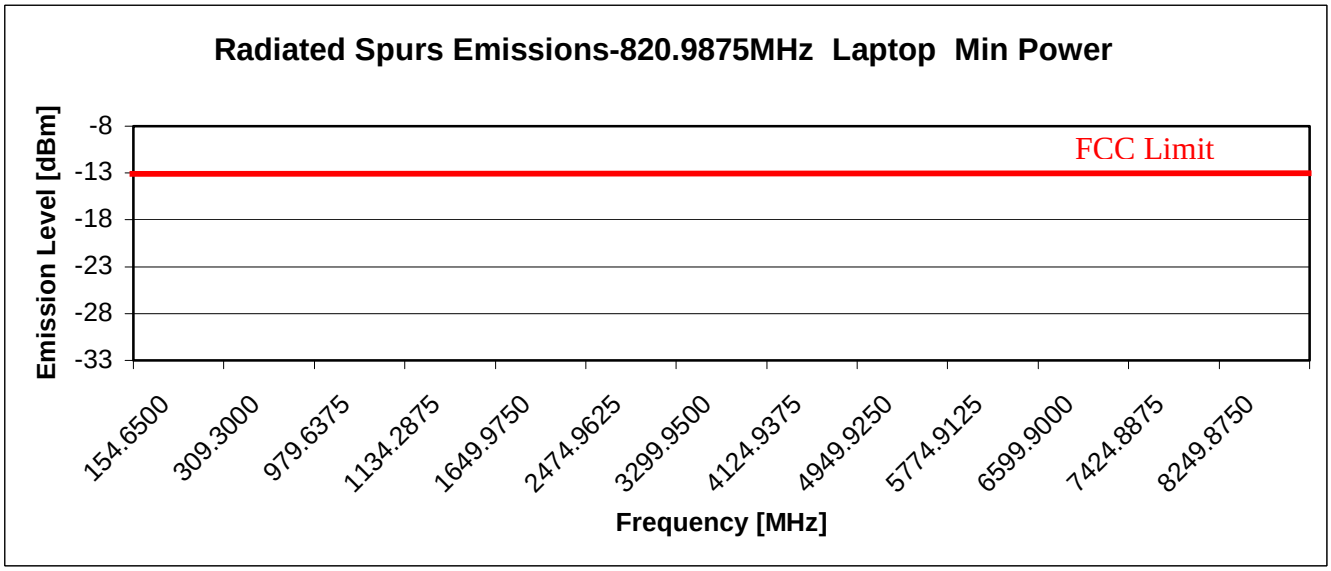
**Table 6-12: 813.5625 MHz Radiated Transmitter Emissions (16QAM) At Minimum Output Power Setting in Laptop.**




820.9875 iPAQ Radiated

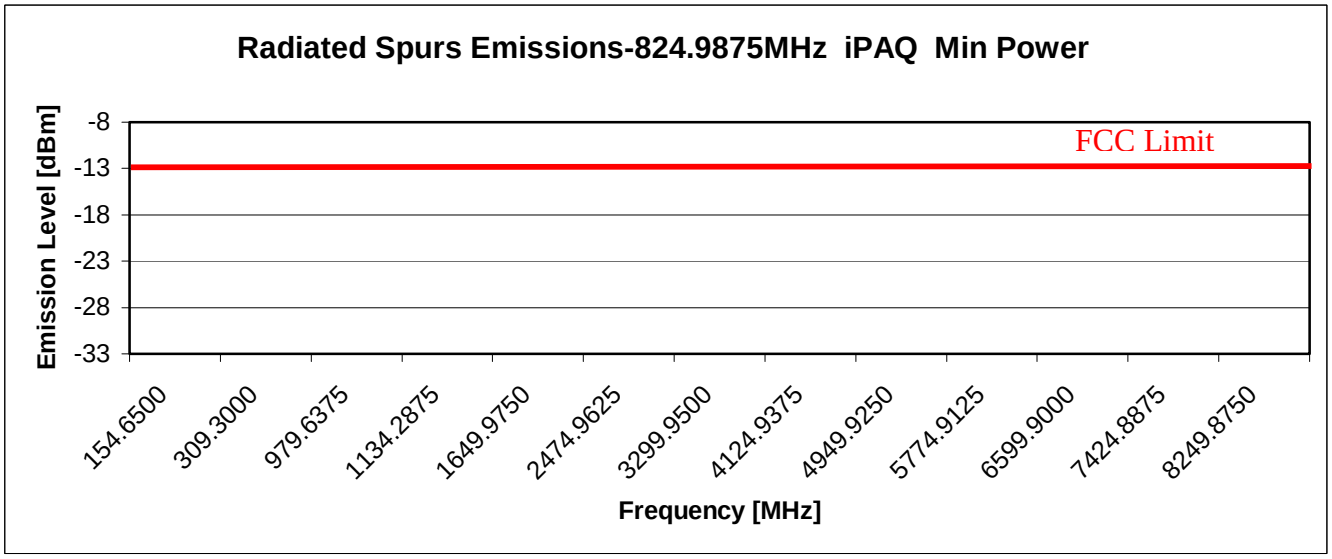
| Spur | Frequency [MHz] | FCC Max Limit [dBm] | Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm] | Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm] |
|---|---|---|---|---|
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 975.6375 | -13 | <-38 | <-38 |
| LO+IF | 1130.2875 | -13 | <-38 | <-38 |
| 2xFundamental | 1641.9750 | -13 | <-38 | <-38 |
| 3xFundamental | 2462.9625 | -13 | <-38 | <-38 |
| 4xFundamental | 3283.9500 | -13 | <-38 | <-38 |
| 5xFundamental | 4104.9375 | -13 | <-38 | <-38 |
| 6xFundamental | 4925.9250 | -13 | <-38 | <-38 |
| 7xFundamental | 5746.9125 | -13 | <-38 | <-38 |
| 8xFundamental | 6567.9000 | -13 | <-38 | <-38 |
| 9xFundamental | 7388.8875 | -13 | <-38 | <-38 |
| 10xFundamental | 8209.8750 | -13 | <-38 | <-38 |

**Table 6-13: 820.9875 MHz Radiated Transmitter Emissions (16QAM) At Minimum Output Power Setting in iPAQ.**




| | | 820.9875 | Laptop | Radiated |
|---|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** | **Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 975.6375 | -13 | <-38 | <-38 |
| LO+IF | 1130.2875 | -13 | <-38 | <-38 |
| 2xFundamental | 1641.9750 | -13 | <-38 | <-38 |
| 3xFundamental | 2462.9625 | -13 | <-38 | <-38 |
| 4xFundamental | 3283.9500 | -13 | <-38 | <-38 |
| 5xFundamental | 4104.9375 | -13 | <-38 | <-38 |
| 6xFundamental | 4925.9250 | -13 | <-38 | <-38 |
| 7xFundamental | 5746.9125 | -13 | <-38 | <-38 |
| 8xFundamental | 6567.9000 | -13 | <-38 | <-38 |
| 9xFundamental | 7388.8875 | -13 | <-38 | <-38 |
| 10xFundamental | 8209.8750 | -13 | <-38 | <-38 |

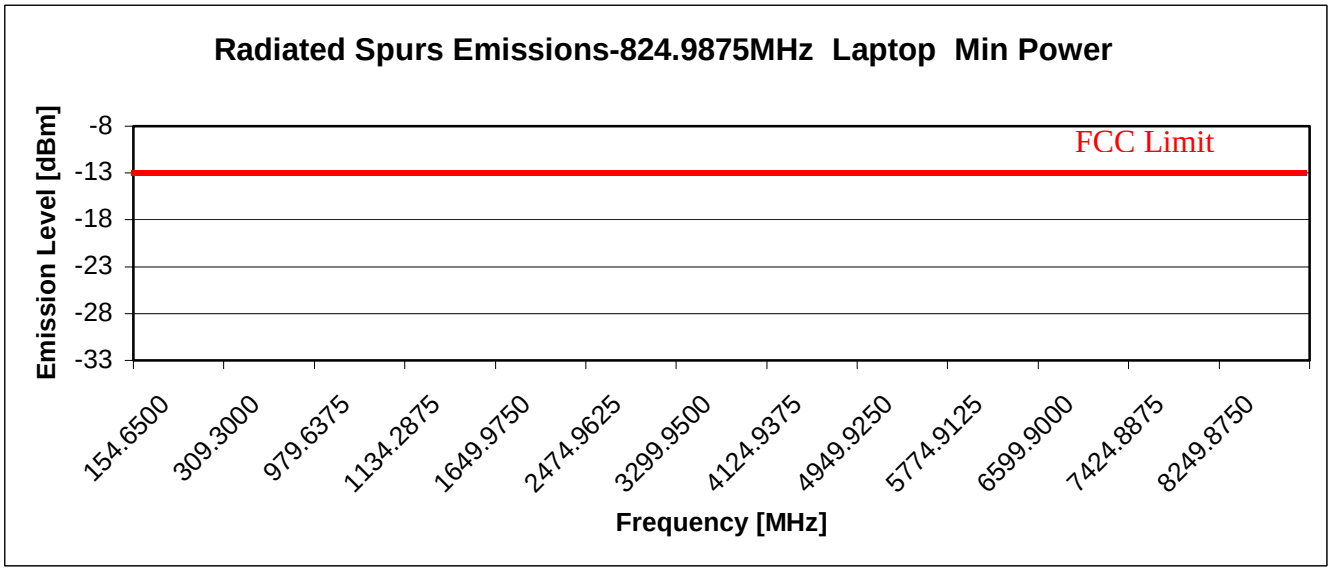
**Table 6-14: 820.9875 MHz Radiated Transmitter Emissions (16QAM) At Minimum Output Power Setting in Laptop.**




824.9875 iPAQ Radiated

| Spur | Frequency [MHz] | FCC Max Limit [dBm] | Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm] | Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm] |
|---|---|---|---|---|
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 979.6375 | -13 | <-38 | <-38 |
| LO+IF | 1134.2875 | -13 | <-38 | <-38 |
| 2xFundamental | 1649.9750 | -13 | <-38 | <-38 |
| 3xFundamental | 2474.9625 | -13 | <-38 | <-38 |
| 4xFundamental | 3299.9500 | -13 | <-38 | <-38 |
| 5xFundamental | 4124.9375 | -13 | <-38 | <-38 |
| 6xFundamental | 4949.9250 | -13 | <-38 | <-38 |
| 7xFundamental | 5774.9125 | -13 | <-38 | <-38 |
| 8xFundamental | 6599.9000 | -13 | <-38 | <-38 |
| 9xFundamental | 7424.8875 | -13 | <-38 | <-38 |
| 10xFundamental | 8249.8750 | -13 | <-38 | <-38 |

**Table 6-15: 824.9875 MHz Radiated Transmitter Emissions (16QAM) At Minimum Output Power Setting in iPAQ.**

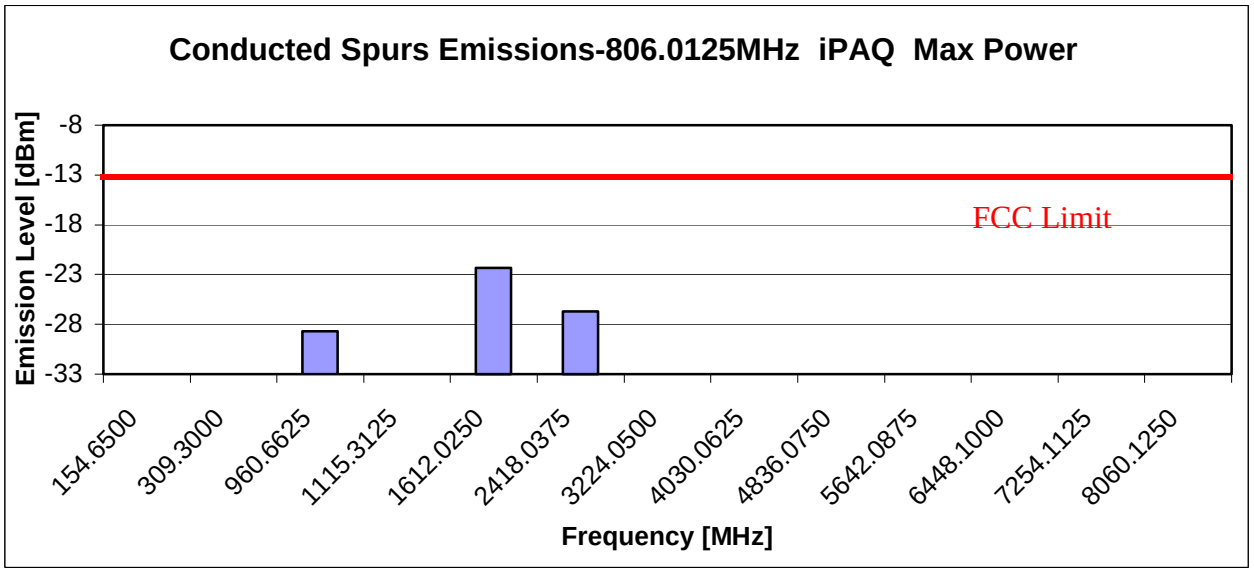



| | | 824.9875 | Laptop | Radiated |
|---|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Horizontal Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** | **Vertical Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 | <-38 |
| LO | 979.6375 | -13 | <-38 | <-38 |
| LO+IF | 1134.2875 | -13 | <-38 | <-38 |
| 2xFundamental | 1649.9750 | -13 | <-38 | <-38 |
| 3xFundamental | 2474.9625 | -13 | <-38 | <-38 |
| 4xFundamental | 3299.9500 | -13 | <-38 | <-38 |
| 5xFundamental | 4124.9375 | -13 | <-38 | <-38 |
| 6xFundamental | 4949.9250 | -13 | <-38 | <-38 |
| 7xFundamental | 5774.9125 | -13 | <-38 | <-38 |
| 8xFundamental | 6599.9000 | -13 | <-38 | <-38 |
| 9xFundamental | 7424.8875 | -13 | <-38 | <-38 |
| 10xFundamental | 8249.8750 | -13 | <-38 | <-38 |

**Table 6-16: 824.9875 MHz Radiated Transmitter Emissions (16QAM) At Minimum Output Power Setting in Laptop.**

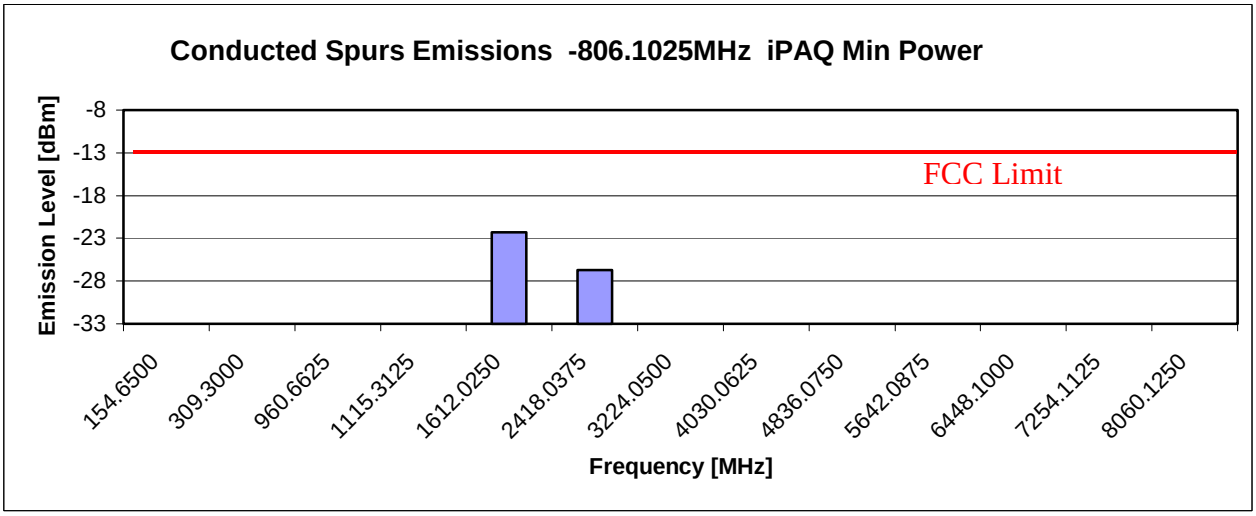
**6.5 Conducted Spurious Emissions Data -- Pursuant 47 CFR 2.1051, 2.1057, 90.210 (g) and 90.691.**

Conducted Path: 50Ω Connector
FCC Emission Limit: less than -13 dBm



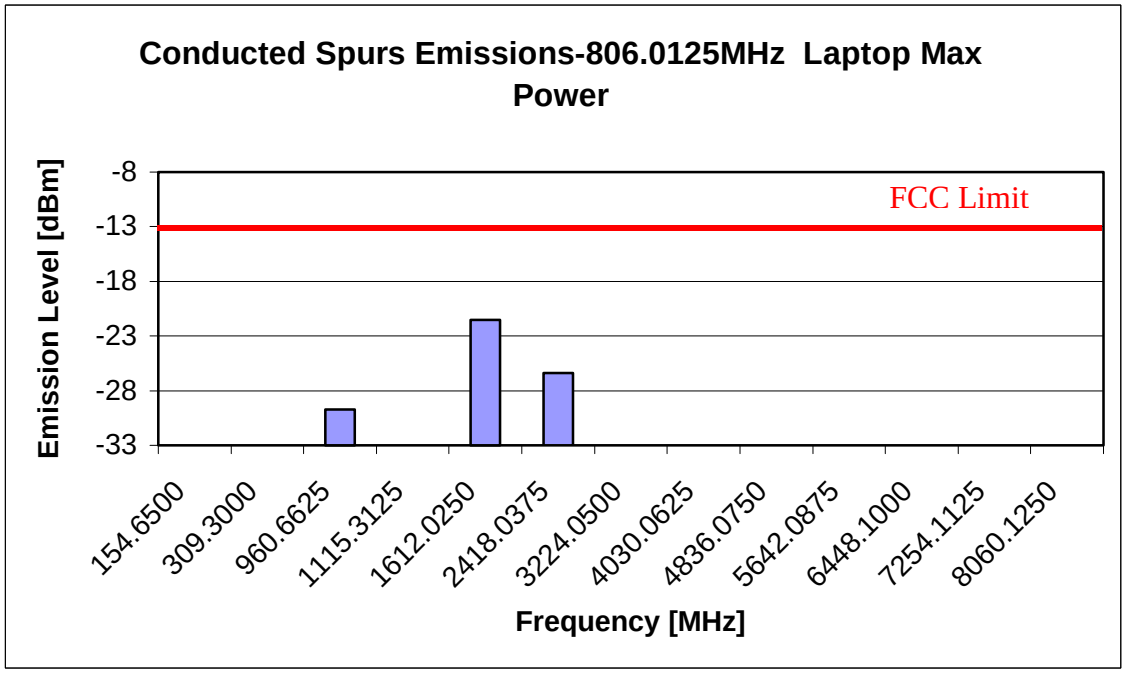

| | Conducted | 806.0125 | iPAQ |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 960.6625 | -13 | -28.67 |
| LO+IF | 1115.3125 | -13 | <-38 |
| 2xFundamental | 1612.0250 | -13 | -22.3 |
| 3xFundamental | 2418.0375 | -13 | -26.7 |
| 4xFundamental | 3224.0500 | -13 | <-38 |
| 5xFundamental | 4030.0625 | -13 | <-38 |
| 6xFundamental | 4836.0750 | -13 | <-38 |
| 7xFundamental | 5642.0875 | -13 | <-38 |
| 8xFundamental | 6448.1000 | -13 | <-38 |
| 9xFundamental | 7254.1125 | -13 | <-38 |
| 10xFundamental | 8060.1250 | -13 | <-38 |

**Table 6-17: Transmitter Conducted Spurious Emissions Data.**
**Maximum Output Power Setting, Fundamental Frequency 806.0125 MHz in iPAQ.**



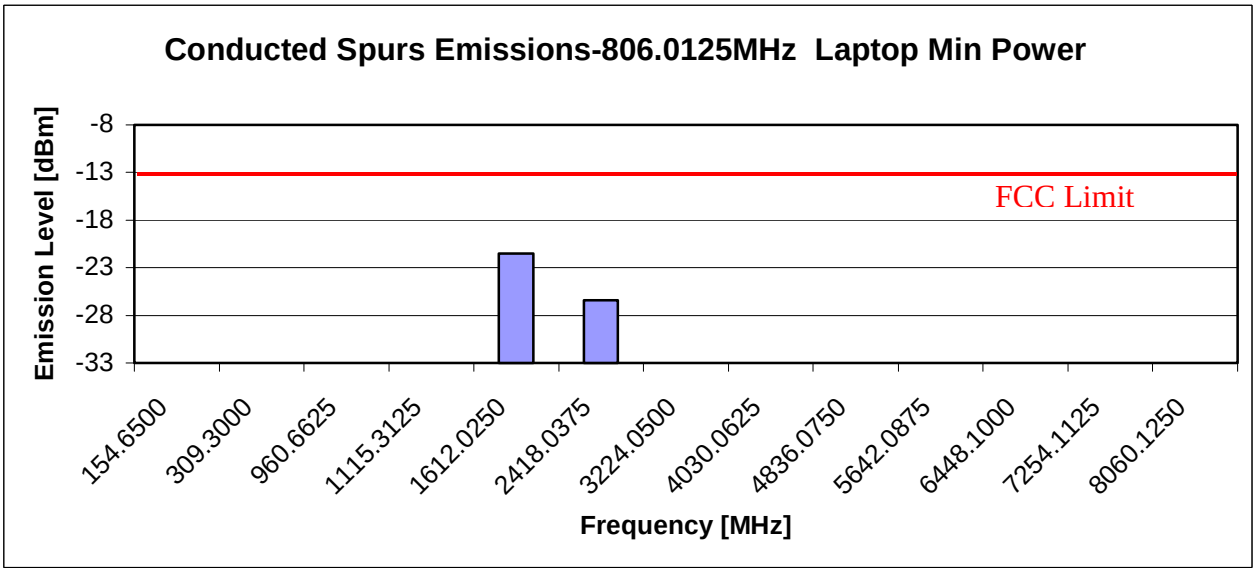

| | Conducted | 806.0125 | iPAQ |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 960.6625 | -13 | <-38 |
| LO+IF | 1115.3125 | -13 | <-38 |
| 2xFundamental | 1612.0250 | -13 | -22.3 |
| 3xFundamental | 2418.0375 | -13 | -26.7 |
| 4xFundamental | 3224.0500 | -13 | <-38 |
| 5xFundamental | 4030.0625 | -13 | <-38 |
| 6xFundamental | 4836.0750 | -13 | <-38 |
| 7xFundamental | 5642.0875 | -13 | <-38 |
| 8xFundamental | 6448.1000 | -13 | <-38 |
| 9xFundamental | 7254.1125 | -13 | <-38 |
| 10xFundamental | 8060.1250 | -13 | <-38 |

**Table 6-18: Transmitter Conducted Spurious Emissions Data. Fundamental Frequency 806.0125 MHz, Minimum Power Setting in iPAQ.**



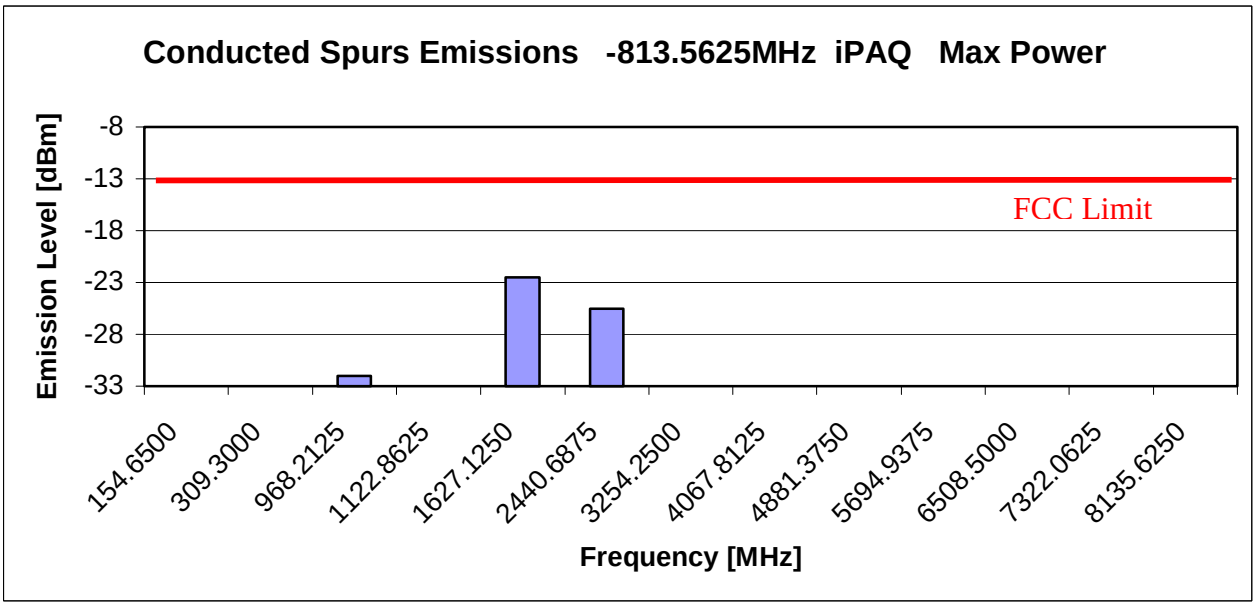

| | Conducted | 806.0125 | Laptop |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 960.6625 | -13 | -29.7 |
| LO+IF | 1115.3125 | -13 | <-38 |
| 2xFundamental | 1612.0250 | -13 | -21.5 |
| 3xFundamental | 2418.0375 | -13 | -26.4 |
| 4xFundamental | 3224.0500 | -13 | <-38 |
| 5xFundamental | 4030.0625 | -13 | <-38 |
| 6xFundamental | 4836.0750 | -13 | <-38 |
| 7xFundamental | 5642.0875 | -13 | <-38 |
| 8xFundamental | 6448.1000 | -13 | <-38 |
| 9xFundamental | 7254.1125 | -13 | <-38 |
| 10xFundamental | 8060.1250 | -13 | <-38 |

**Table 6-19: Transmitter Conducted Spurious Emissions Data. Maximum Output Power Setting, Fundamental Frequency 806.0125 MHz in Laptop.**




| | Conducted | 806.0125 | Laptop |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 960.6625 | -13 | <-38 |
| LO+IF | 1115.3125 | -13 | <-38 |
| 2xFundamental | 1612.0250 | -13 | -21.5 |
| 3xFundamental | 2418.0375 | -13 | -26.4 |
| 4xFundamental | 3224.0500 | -13 | <-38 |
| 5xFundamental | 4030.0625 | -13 | <-38 |
| 6xFundamental | 4836.0750 | -13 | <-38 |
| 7xFundamental | 5642.0875 | -13 | <-38 |
| 8xFundamental | 6448.1000 | -13 | <-38 |
| 9xFundamental | 7254.1125 | -13 | <-38 |
| 10xFundamental | 8060.1250 | -13 | <-38 |

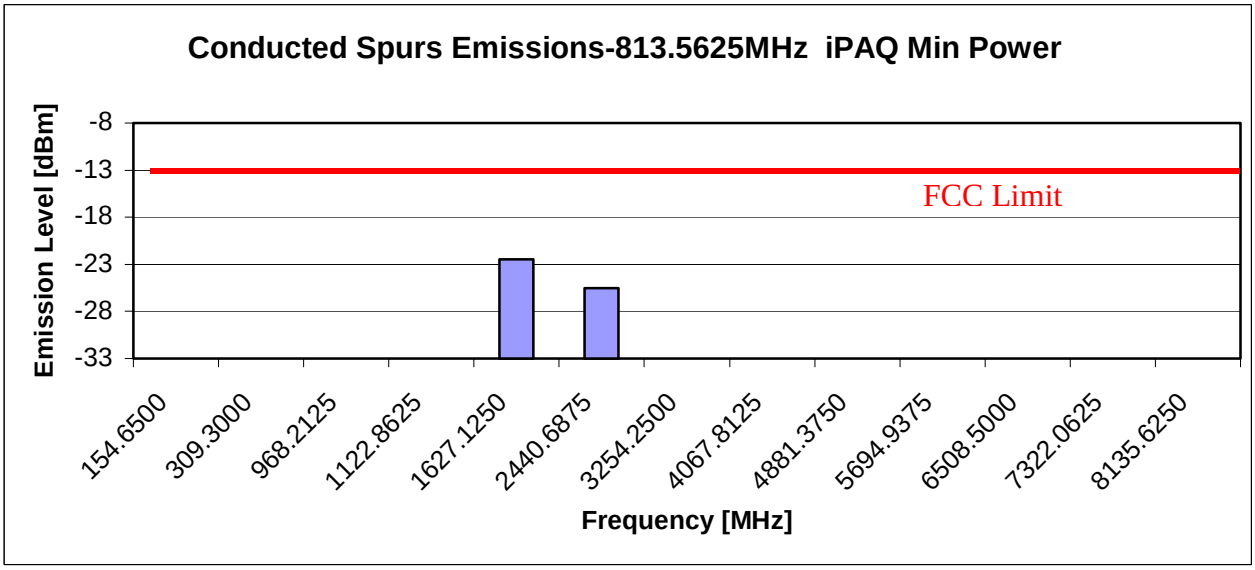
**Table 6-20: Transmitter Conducted Spurious Emissions Data. Fundamental Frequency 806.0125 MHz, Minimum Power Setting in Laptop.**




Conducted 813.5625 iPAQ

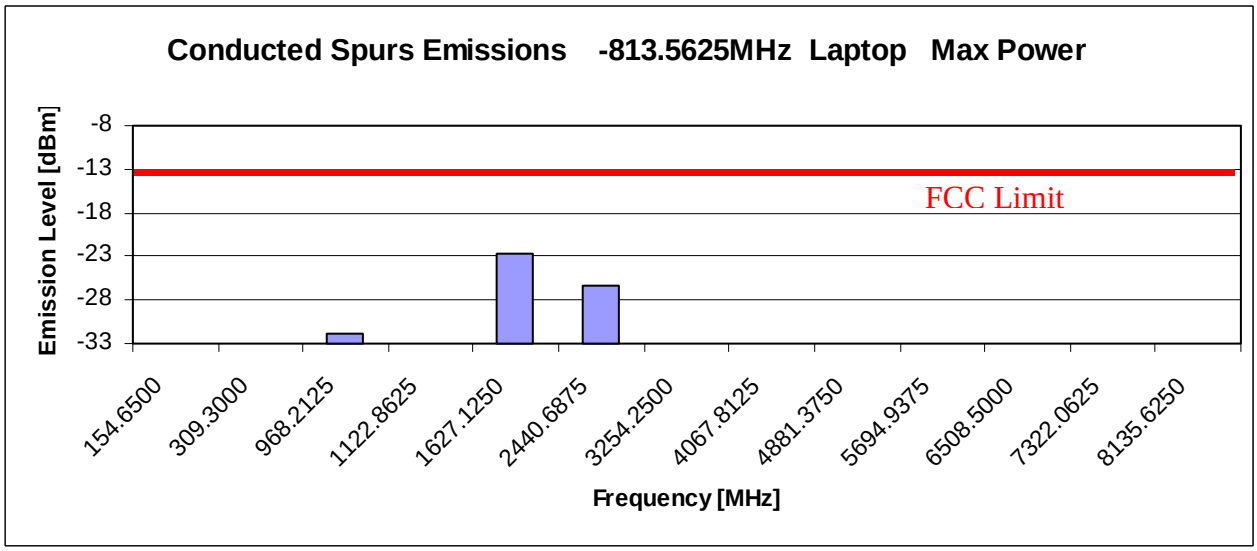
| Spur | Frequency [MHz] | FCC Max Limit [dBm] | Measured Emission Equiv. Pwr into Ideal Dipole [dBm] |
|---|---|---|---|
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 968.2125 | -13 | -32 |
| LO+IF | 1122.8625 | -13 | <-38 |
| 2xFundamental | 1627.1250 | -13 | -22.5 |
| 3xFundamental | 2440.6875 | -13 | -25.5 |
| 4xFundamental | 3254.2500 | -13 | <-38 |
| 5xFundamental | 4067.8125 | -13 | <-38 |
| 6xFundamental | 4881.3750 | -13 | <-38 |
| 7xFundamental | 5694.9375 | -13 | <-38 |
| 8xFundamental | 6508.5000 | -13 | <-38 |
| 9xFundamental | 7322.0625 | -13 | <-38 |
| 10xFundamental | 8135.6250 | -13 | <-38 |

**Table 6-21: Transmitter Conducted Spurious Emissions Data.**
**Maximum Output Power Setting, Fundamental Frequency 813.5625 MHz in iPAQ.**



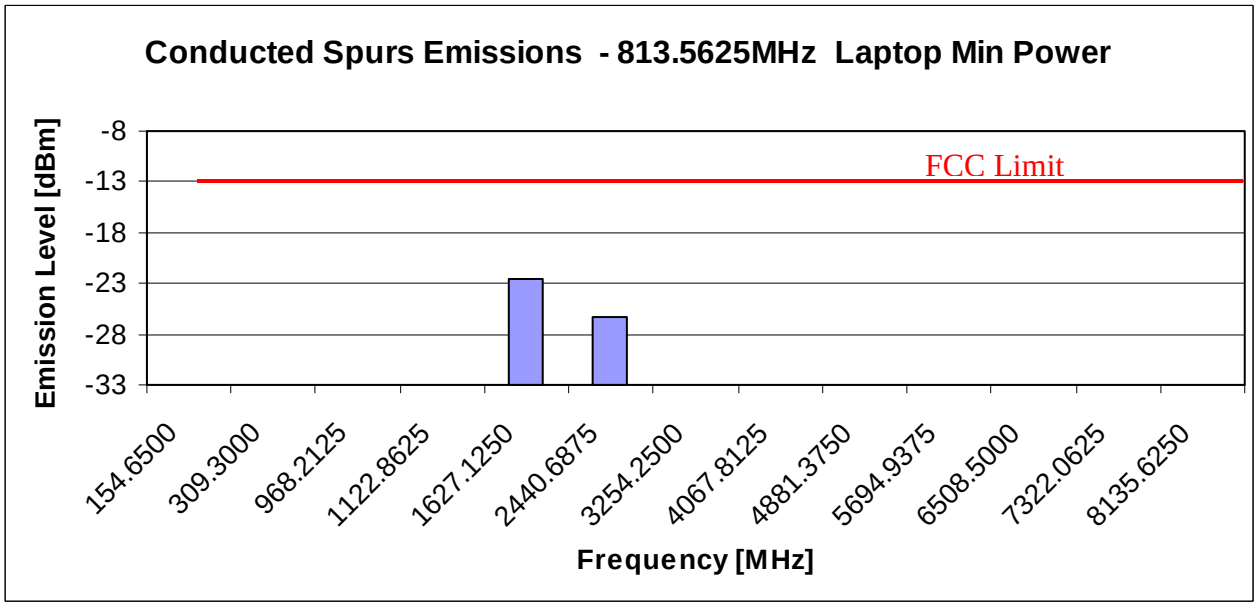

| | Conducted | 813.5625 | iPAQ |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 968.2125 | -13 | <-38 |
| LO+IF | 1122.8625 | -13 | <-38 |
| 2xFundamental | 1627.1250 | -13 | -22.5 |
| 3xFundamental | 2440.6875 | -13 | -25.5 |
| 4xFundamental | 3254.2500 | -13 | <-38 |
| 5xFundamental | 4067.8125 | -13 | <-38 |
| 6xFundamental | 4881.3750 | -13 | <-38 |
| 7xFundamental | 5694.9375 | -13 | <-38 |
| 8xFundamental | 6508.5000 | -13 | <-38 |
| 9xFundamental | 7322.0625 | -13 | <-38 |
| 10xFundamental | 8135.6250 | -13 | <-38 |

**Table 6-22: Transmitter Conducted Spurious Emissions Data.**
**Fundamental Frequency 813.5625 MHz, Minimum Power Setting in iPAQ.**



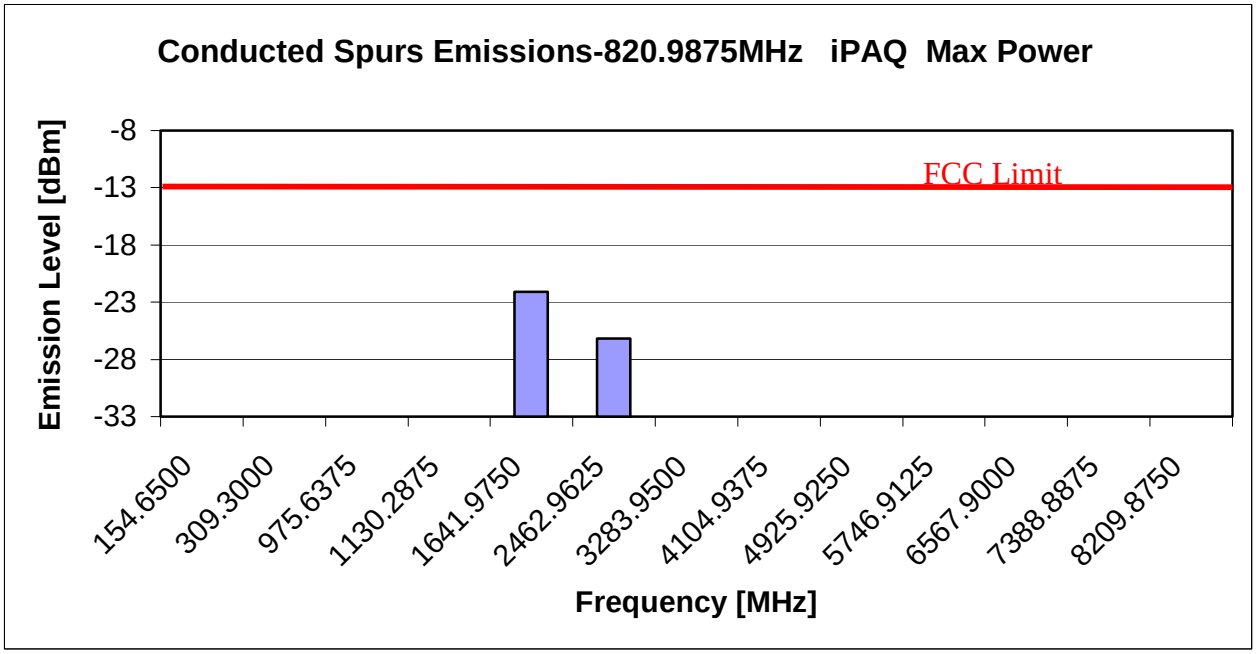

| | Conducted | 813.5625 | Laptop |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 968.2125 | -13 | -31.8 |
| LO+IF | 1122.8625 | -13 | <-38 |
| 2xFundamental | 1627.1250 | -13 | -22.6 |
| 3xFundamental | 2440.6875 | -13 | -26.3 |
| 4xFundamental | 3254.2500 | -13 | <-38 |
| 5xFundamental | 4067.8125 | -13 | <-38 |
| 6xFundamental | 4881.3750 | -13 | <-38 |
| 7xFundamental | 5694.9375 | -13 | <-38 |
| 8xFundamental | 6508.5000 | -13 | <-38 |
| 9xFundamental | 7322.0625 | -13 | <-38 |
| 10xFundamental | 8135.6250 | -13 | <-38 |

**Table 6-23: Transmitter Conducted Spurious Emissions Data.**
**Maximum Output Power Setting, Fundamental Frequency 813.5625 MHz in Laptop.**



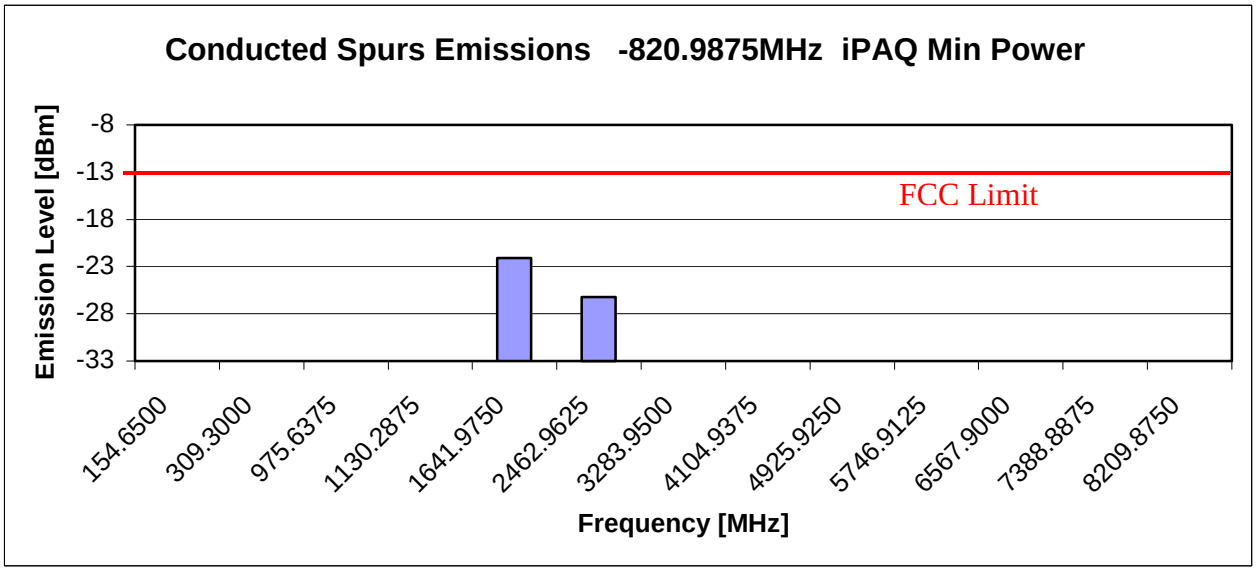

| | Conducted | 813.5625 | Laptop |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 968.2125 | -13 | <-38 |
| LO+IF | 1122.8625 | -13 | <-38 |
| 2xFundamental | 1627.1250 | -13 | -22.6 |
| 3xFundamental | 2440.6875 | -13 | -26.3 |
| 4xFundamental | 3254.2500 | -13 | <-38 |
| 5xFundamental | 4067.8125 | -13 | <-38 |
| 6xFundamental | 4881.3750 | -13 | <-38 |
| 7xFundamental | 5694.9375 | -13 | <-38 |
| 8xFundamental | 6508.5000 | -13 | <-38 |
| 9xFundamental | 7322.0625 | -13 | <-38 |
| 10xFundamental | 8135.6250 | -13 | <-38 |

**Table 6-24: Transmitter Conducted Spurious Emissions Data. Fundamental Frequency 813.5625 MHz, Minimum Power Setting in Laptop.**



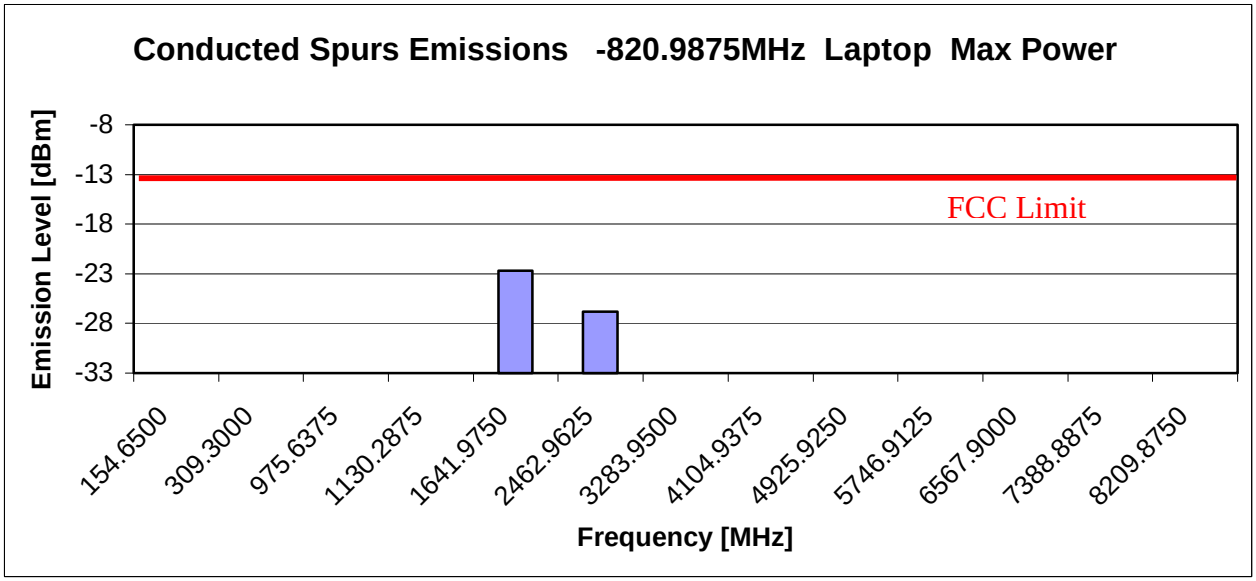

| | Conducted | 820.9875 | iPAQ |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 975.6375 | -13 | -33.67 |
| LO+IF | 1130.2875 | -13 | <-38 |
| 2xFundamental | 1641.9750 | -13 | -22.1 |
| 3xFundamental | 2462.9625 | -13 | -26.2 |
| 4xFundamental | 3283.9500 | -13 | <-38 |
| 5xFundamental | 4104.9375 | -13 | <-38 |
| 6xFundamental | 4925.9250 | -13 | <-38 |
| 7xFundamental | 5746.9125 | -13 | <-38 |
| 8xFundamental | 6567.9000 | -13 | <-38 |
| 9xFundamental | 7388.8875 | -13 | <-38 |
| 10xFundamental | 8209.8750 | -13 | <-38 |

**Table 6-25: Transmitter Conducted Spurious Emissions Data.**
**Maximum Output Power Setting, Fundamental Frequency 820.9875 MHz in iPAQ.**



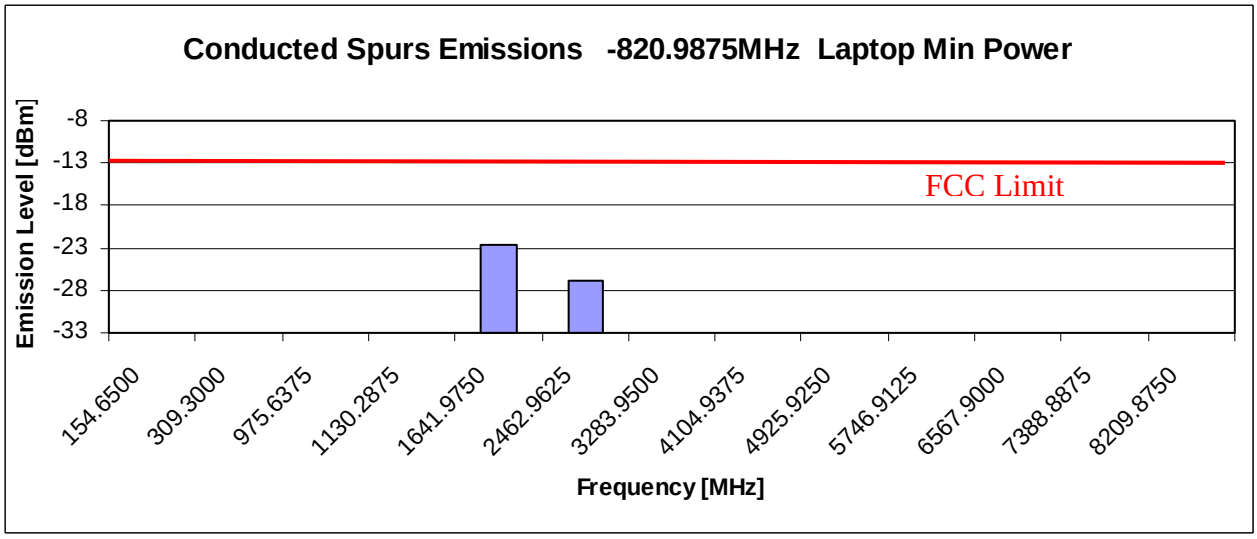

| | Conducted | 820.9875 | iPAQ |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 975.6375 | -13 | <-38 |
| LO+IF | 1130.2875 | -13 | <-38 |
| 2xFundamental | 1641.9750 | -13 | -22.1 |
| 3xFundamental | 2462.9625 | -13 | -26.2 |
| 4xFundamental | 3283.9500 | -13 | <-38 |
| 5xFundamental | 4104.9375 | -13 | <-38 |
| 6xFundamental | 4925.9250 | -13 | <-38 |
| 7xFundamental | 5746.9125 | -13 | <-38 |
| 8xFundamental | 6567.9000 | -13 | <-38 |
| 9xFundamental | 7388.8875 | -13 | <-38 |
| 10xFundamental | 8209.8750 | -13 | <-38 |

**Table 6-26: Transmitter Conducted Spurious Emissions Data. Fundamental Frequency 820.9875 MHz, Minimum Power Setting in iPAQ.**



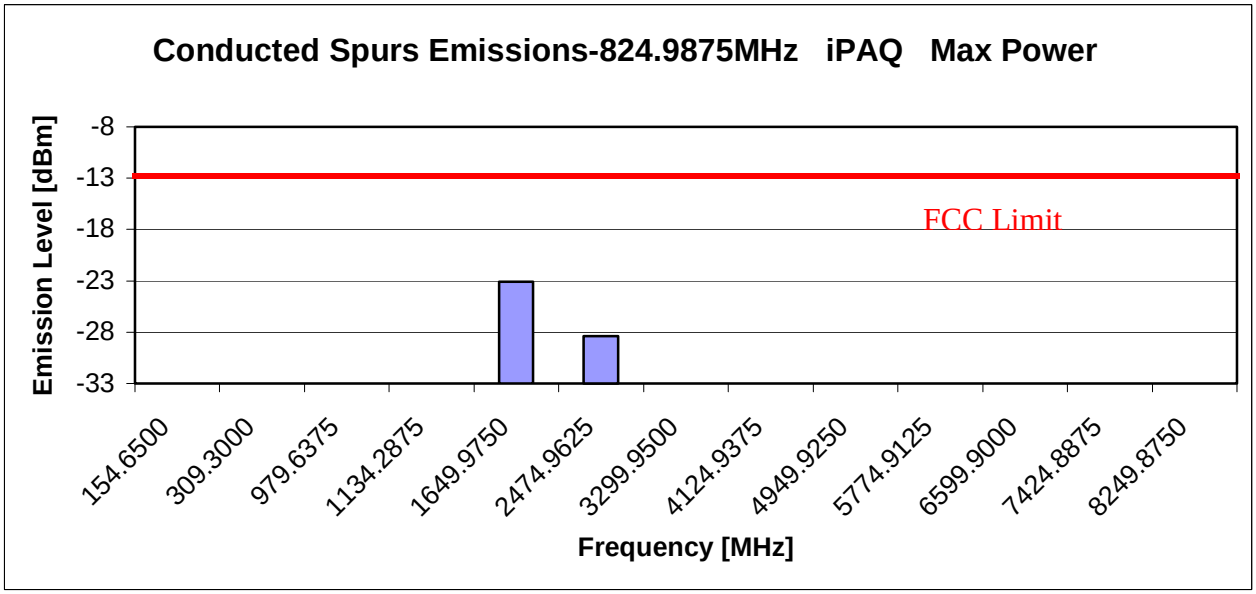

| | Conducted | 820.9875 | Laptop |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 975.6375 | -13 | -33 |
| LO+IF | 1130.2875 | -13 | <-38 |
| 2xFundamental | 1641.9750 | -13 | -22.7 |
| 3xFundamental | 2462.9625 | -13 | -26.8 |
| 4xFundamental | 3283.9500 | -13 | <-38 |
| 5xFundamental | 4104.9375 | -13 | <-38 |
| 6xFundamental | 4925.9250 | -13 | <-38 |
| 7xFundamental | 5746.9125 | -13 | <-38 |
| 8xFundamental | 6567.9000 | -13 | <-38 |
| 9xFundamental | 7388.8875 | -13 | <-38 |
| 10xFundamental | 8209.8750 | -13 | <-38 |

**Table 6-27: Transmitter Conducted Spurious Emissions Data.**
**Maximum Output Power Setting, Fundamental Frequency 820.9875 MHz in Laptop.**



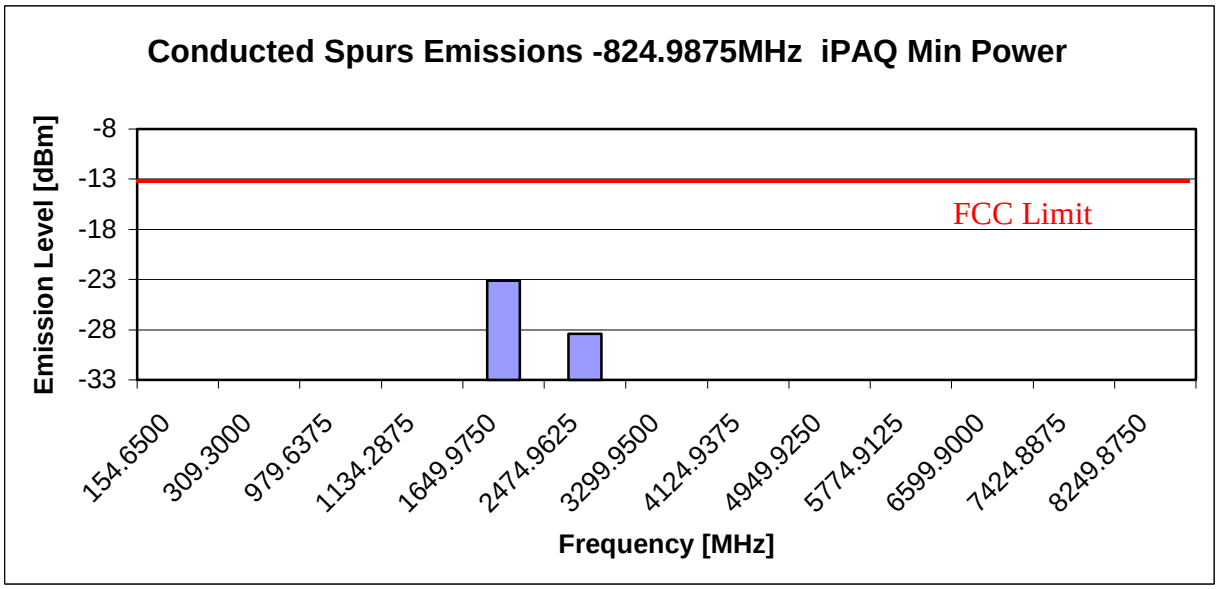

| | Conducted | 820.9875 | Laptop |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 975.6375 | -13 | <-38 |
| LO+IF | 1130.2875 | -13 | <-38 |
| 2xFundamental | 1641.9750 | -13 | -22.7 |
| 3xFundamental | 2462.9625 | -13 | -26.8 |
| 4xFundamental | 3283.9500 | -13 | <-38 |
| 5xFundamental | 4104.9375 | -13 | <-38 |
| 6xFundamental | 4925.9250 | -13 | <-38 |
| 7xFundamental | 5746.9125 | -13 | <-38 |
| 8xFundamental | 6567.9000 | -13 | <-38 |
| 9xFundamental | 7388.8875 | -13 | <-38 |
| 10xFundamental | 8209.8750 | -13 | <-38 |

**Table 6-28: Transmitter Conducted Spurious Emissions Data. Fundamental Frequency 820.9875 MHz, Minimum Power Setting in Laptop.**



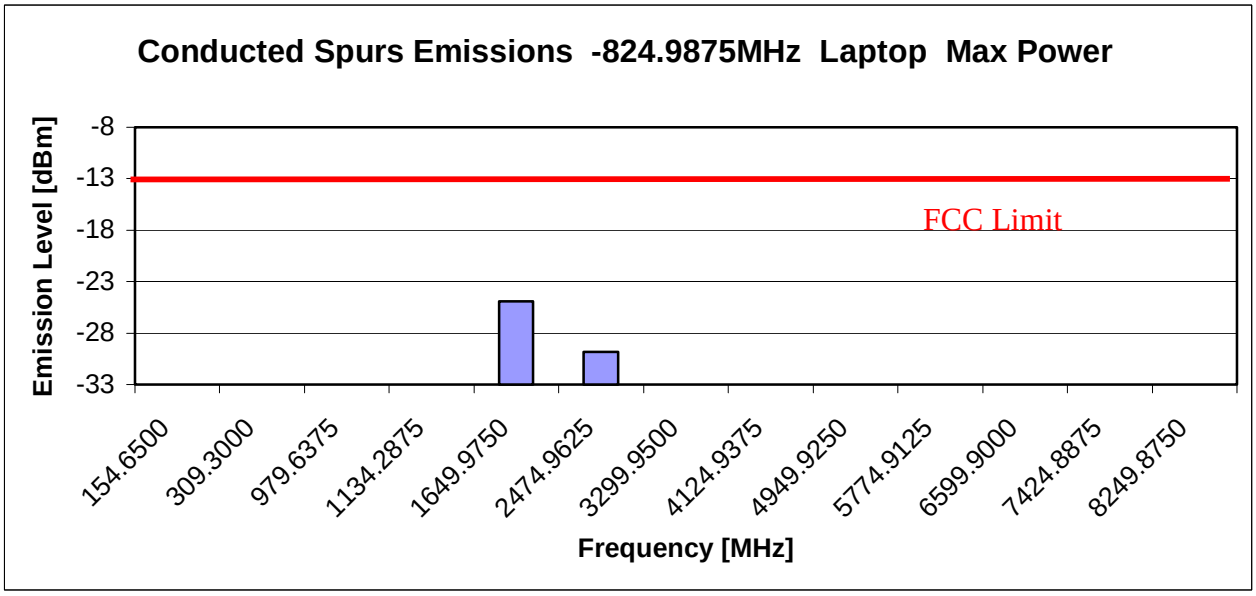

| | Conducted | 824.9875 | iPAQ |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 979.6375 | -13 | -34 |
| LO+IF | 1134.2875 | -13 | <-38 |
| 2xFundamental | 1649.9750 | -13 | -23.1 |
| 3xFundamental | 2474.9625 | -13 | -28.4 |
| 4xFundamental | 3299.9500 | -13 | <-38 |
| 5xFundamental | 4124.9375 | -13 | <-38 |
| 6xFundamental | 4949.9250 | -13 | <-38 |
| 7xFundamental | 5774.9125 | -13 | <-38 |
| 8xFundamental | 6599.9000 | -13 | <-38 |
| 9xFundamental | 7424.8875 | -13 | <-38 |
| 10xFundamental | 8249.8750 | -13 | <-38 |

**Table 6-29: Transmitter Conducted Spurious Emissions Data. Maximum Output Power Setting, Fundamental Frequency 824.9875 MHz in iPAQ.**



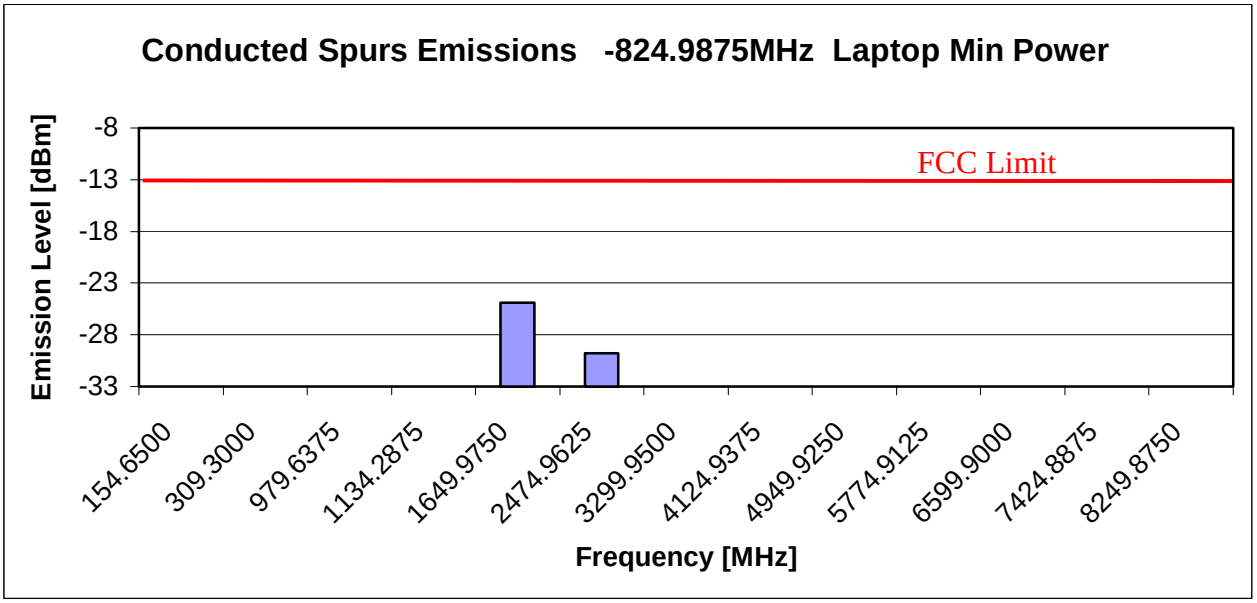

| | Conducted | 824.9875 | iPAQ |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 979.6375 | -13 | <-38 |
| LO+IF | 1134.2875 | -13 | <-38 |
| 2xFundamental | 1649.9750 | -13 | -23.1 |
| 3xFundamental | 2474.9625 | -13 | -28.4 |
| 4xFundamental | 3299.9500 | -13 | <-38 |
| 5xFundamental | 4124.9375 | -13 | <-38 |
| 6xFundamental | 4949.9250 | -13 | <-38 |
| 7xFundamental | 5774.9125 | -13 | <-38 |
| 8xFundamental | 6599.9000 | -13 | <-38 |
| 9xFundamental | 7424.8875 | -13 | <-38 |
| 10xFundamental | 8249.8750 | -13 | <-38 |

**Table 6-30: Transmitter Conducted Spurious Emissions Data. Fundamental Frequency 824.9875 MHz, Minimum Power Setting in iPAQ.**




| | Conducted | 824.9875 | Laptop |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 979.6375 | -13 | -33.5 |
| LO+IF | 1134.2875 | -13 | <-38 |
| 2xFundamental | 1649.9750 | -13 | -24.9 |
| 3xFundamental | 2474.9625 | -13 | -29.8 |
| 4xFundamental | 3299.9500 | -13 | <-38 |
| 5xFundamental | 4124.9375 | -13 | <-38 |
| 6xFundamental | 4949.9250 | -13 | <-38 |
| 7xFundamental | 5774.9125 | -13 | <-38 |
| 8xFundamental | 6599.9000 | -13 | <-38 |
| 9xFundamental | 7424.8875 | -13 | <-38 |
| 10xFundamental | 8249.8750 | -13 | <-38 |

**Table 6-31: Transmitter Conducted Spurious Emissions Data.**
**Maximum Output Power Setting, Fundamental Frequency 824.9875 MHz in Laptop.**




| | Conducted | 824.9875 | Laptop |
|---|---|---|---|
| **Spur** | **Frequency [MHz]** | **FCC Max Limit [dBm]** | **Measured Emission Equiv. Pwr into Ideal Dipole [dBm]** |
| IF | 154.6500 | -13 | <-38 |
| 2xIF | 309.3000 | -13 | <-38 |
| LO | 979.6375 | -13 | <-38 |
| LO+IF | 1134.2875 | -13 | <-38 |
| 2xFundamental | 1649.9750 | -13 | -24.9 |
| 3xFundamental | 2474.9625 | -13 | -29.8 |
| 4xFundamental | 3299.9500 | -13 | <-38 |
| 5xFundamental | 4124.9375 | -13 | <-38 |
| 6xFundamental | 4949.9250 | -13 | <-38 |
| 7xFundamental | 5774.9125 | -13 | <-38 |
| 8xFundamental | 6599.9000 | -13 | <-38 |
| 9xFundamental | 7424.8875 | -13 | <-38 |
| 10xFundamental | 8249.8750 | -13 | <-38 |

**Table 6-32: Transmitter Conducted Spurious Emissions Data. Fundamental Frequency 824.9875 MHz, Minimum Power Setting in Laptop.**