

**EXHIBIT 6**

**INDEX OF SUBMITTED MEASURED DATA**

**This exhibit contains the measured data for this equipment as follows:**

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- 6F-12 – 4.8 Watts, Harmonic of Carrier 446.975 MHz, 25 kHz Channel Spacing

**EXHIBIT 6G – Radiated Spurious Emissions (12 Graphs)**

- 6G-1 – 4.8 Watts, 403.025 MHz, 12.5 kHz Channel Spacing
- 6G-2 - 4.8 Watts, 425.025 MHz, 12.5 kHz Channel Spacing
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- 6G-11 - 1 Watt, 425.0250 MHz, 25 kHz Channel Spacing
- 6G-12 – 1 Watt, 446.975 MHz, 25 kHz Channel Spacing

**EXHIBIT 6A****RF Conducted Power Output Data -- Pursuant 47 CFR 2.1046(a), 2.1033(c)(6), 2.1033(c)(7) and 2.1033(c)(8)**

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device (Q403).

**At maximum output power setting, Frequency 403.025 MHz:**

|                   |                |
|-------------------|----------------|
| Output RF power   | 4.72 Watts     |
| DC Voltage        | 7.50 Volts     |
| DC Current        | 1.29 A         |
| RF PA Input Power | 518 milliWatts |

**At minimum output power setting, Frequency 403.025 MHz:**

|                   |                |
|-------------------|----------------|
| Output RF power   | 1.01 Watts     |
| DC Voltage        | 7.50 Volts     |
| DC Current        | 0.69 A         |
| RF PA Input Power | 143 milliWatts |

**At maximum output power setting, Frequency 425.025 MHz:**

|                   |                |
|-------------------|----------------|
| Output RF power   | 4.70 Watts     |
| DC Voltage        | 7.50 Volts     |
| DC Current        | 1.30 A         |
| RF PA Input Power | 485 milliWatts |

**At minimum output power setting, Frequency 425.025 MHz:**

|                   |                |
|-------------------|----------------|
| Output RF power   | 1.07 Watts     |
| DC Voltage        | 7.50 Volts     |
| DC Current        | 0.68 A         |
| RF PA Input Power | 137 milliWatts |

**At maximum output power setting, Frequency 446.975 MHz:**

|                   |                |
|-------------------|----------------|
| Output RF power   | 4.75 Watts     |
| DC Voltage        | 7.50 Volts     |
| DC Current        | 1.42 A         |
| RF PA Input Power | 479 milliWatts |

**At minimum output power setting, Frequency 446.975 MHz:**

|                   |                |
|-------------------|----------------|
| Output RF power   | 1.15 Watts     |
| DC Voltage        | 7.50 Volts     |
| DC Current        | 0.64 A         |
| RF PA Input Power | 130 milliWatts |

EXHIBIT 6F

Conducted Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c) (13)

Note: Red lines on graphs correspond to the FCC limit of -20 dBm for 12.5 kHz channel spacing and -13 dBm for 25 kHz channel spacing.

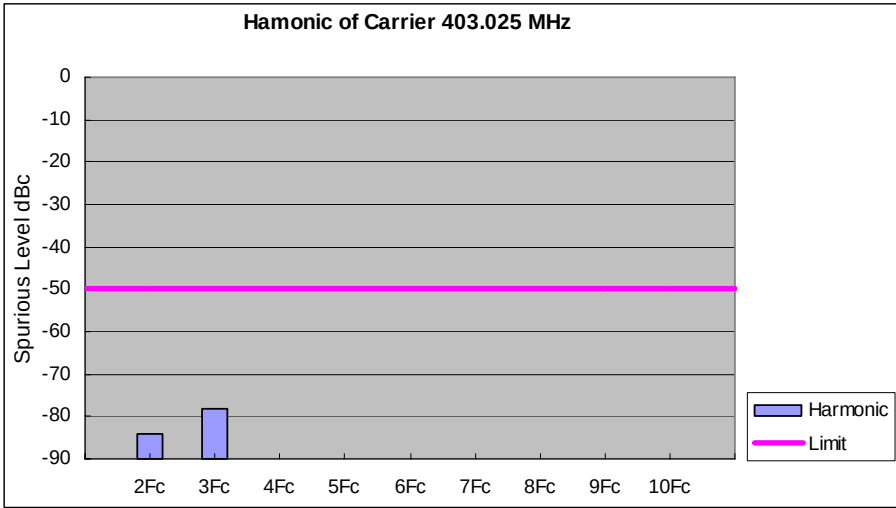


Figure 6F-1: 1 Watt Harmonic of Carrier 403.025 MHz, 12.5 kHz Channel Spacing

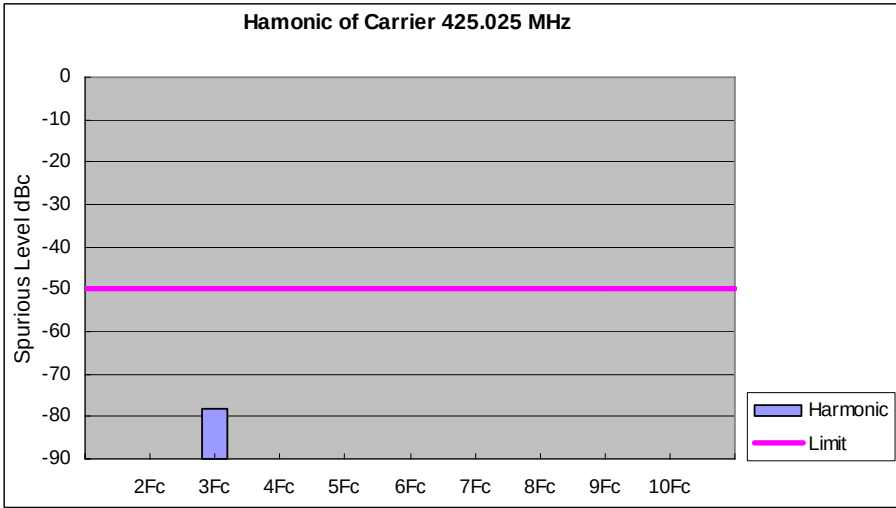


Figure 6F-2: 1 Watt Harmonic of Carrier 425.025 MHz, 12.5 kHz Channel Spacing

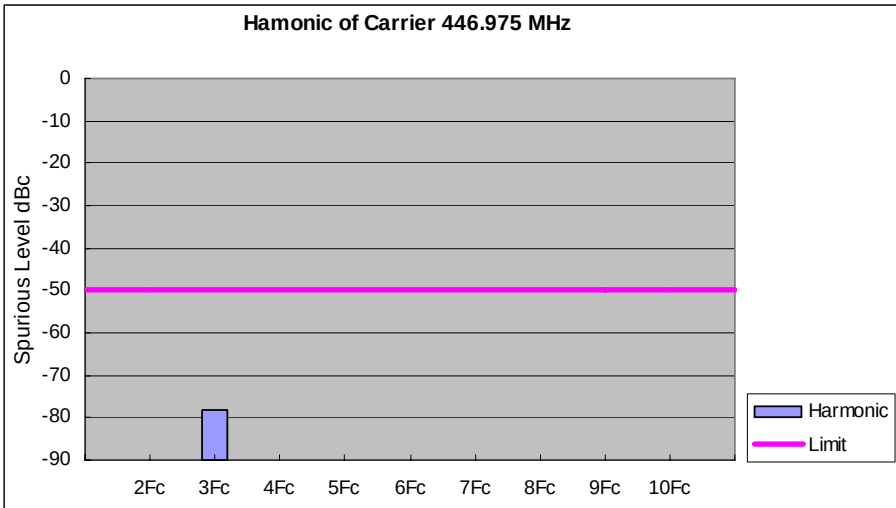


Figure 6F-3: 1 Watt Harmonic of Carrier 446.975 MHz, 12.5 kHz Channel Spacing

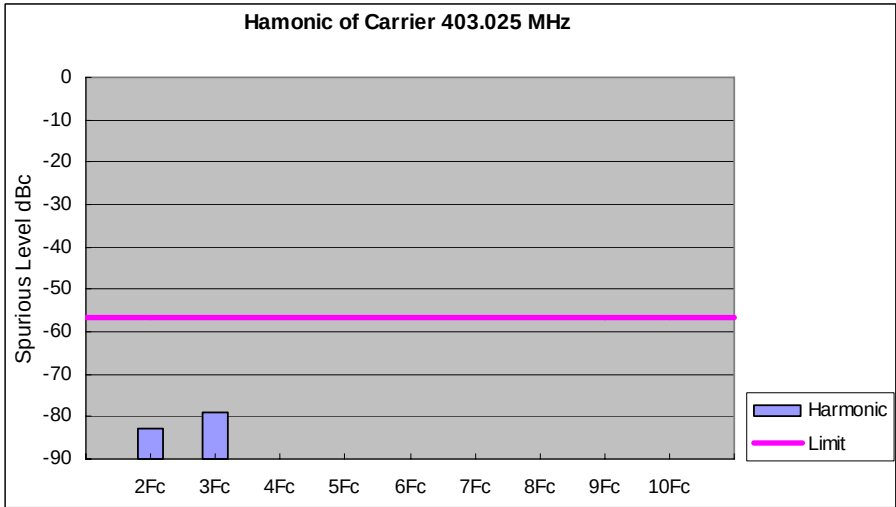


Figure 6F-4: 4.8 Watts Harmonic of Carrier 403.025 MHz, 12.5 kHz Channel Spacing

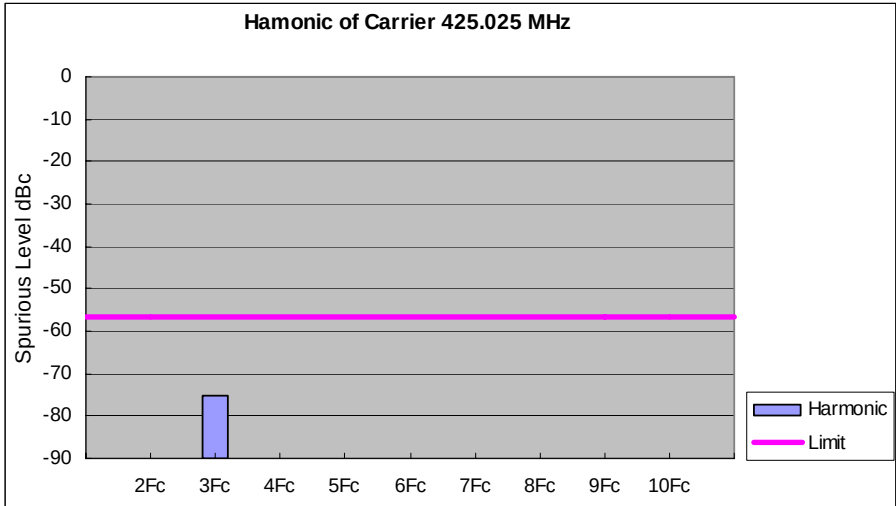


Figure 6F-5: 4.8 Watts Harmonic of Carrier 425.025 MHz, 12.5 kHz Channel Spacing

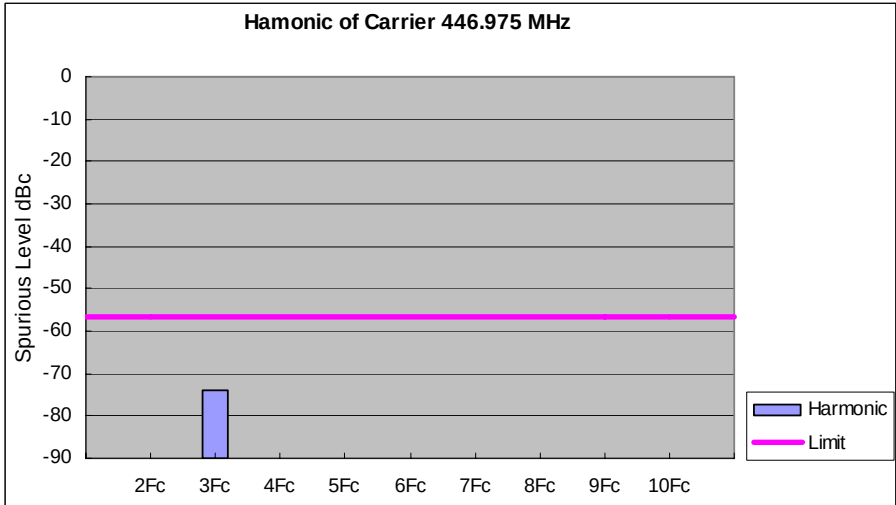


Figure 6F-6: 4.8 Watts Harmonic of Carrier 446.975 MHz, 12.5 kHz Channel Spacing

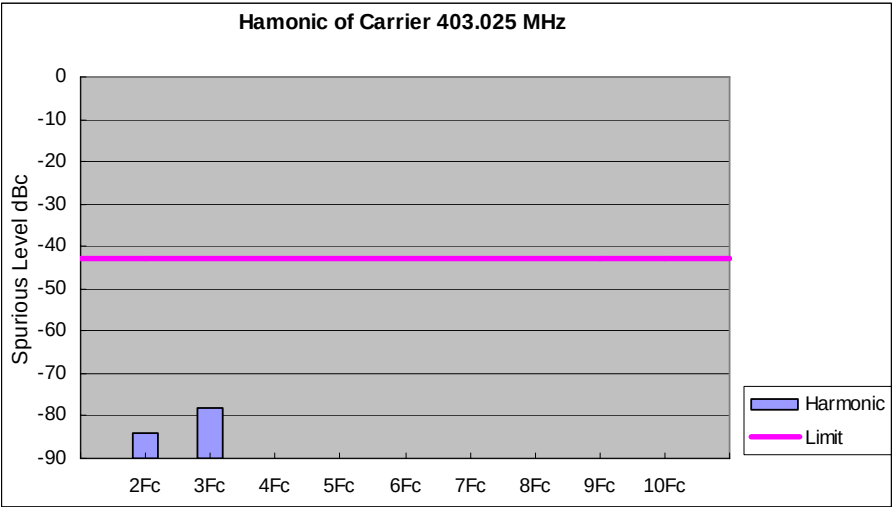


Figure 6F-7: 1 Watt Harmonic of Carrier 403.025 MHz, 25 kHz Channel Spacing

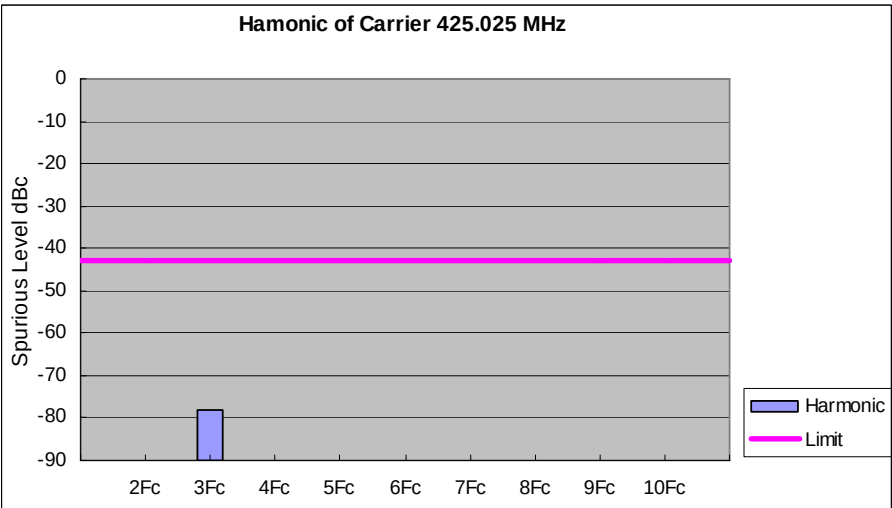


Figure 6F-8: 1 Watt Harmonic of Carrier 425.025 MHz, 25 kHz Channel Spacing

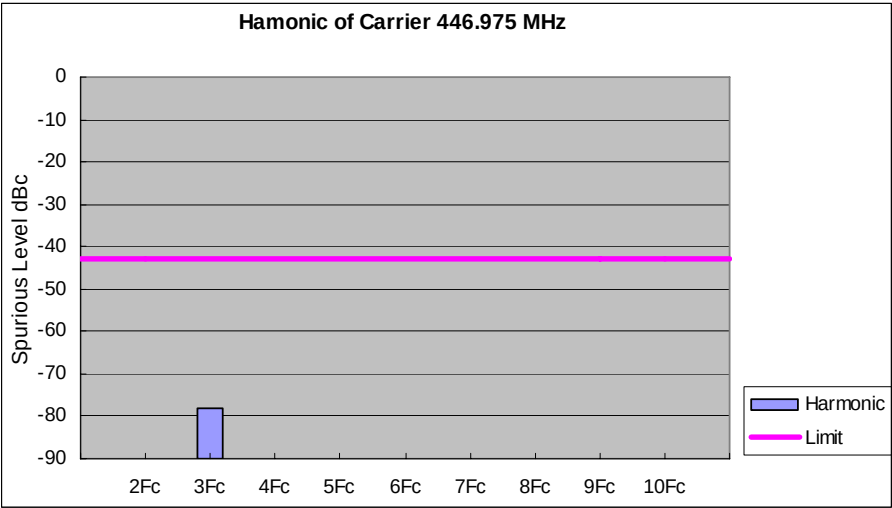


Figure 6F-9: 1 Watt Harmonic of Carrier 446.975 MHz, 25 kHz Channel Spacing

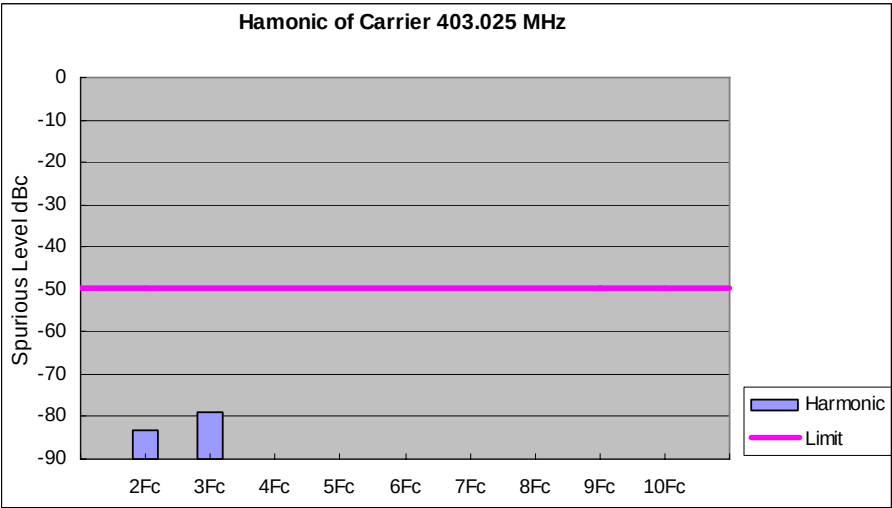


Figure 6F-10: 4.8 Watts Harmonic of Carrier 403.025 MHz, 25 kHz Channel Spacing

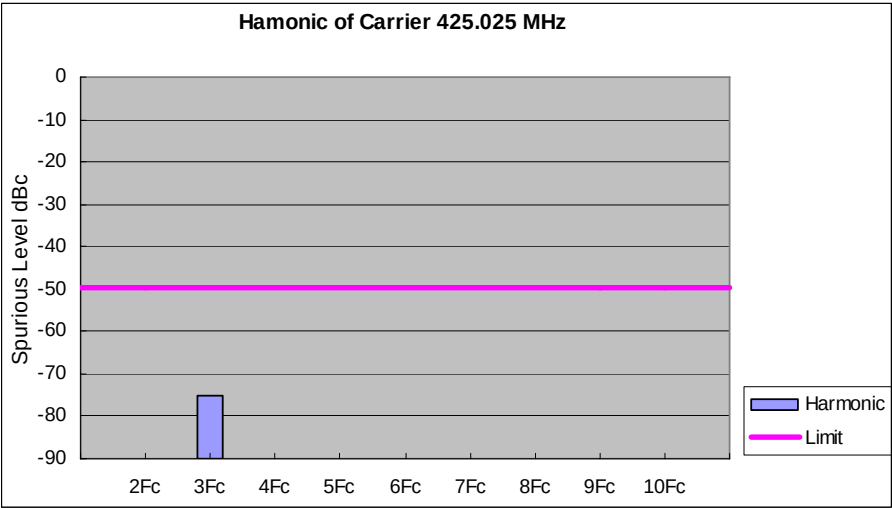


Figure 6F-11: 4.8 Watts Harmonic of Carrier 425.025 MHz, 25 kHz Channel Spacing

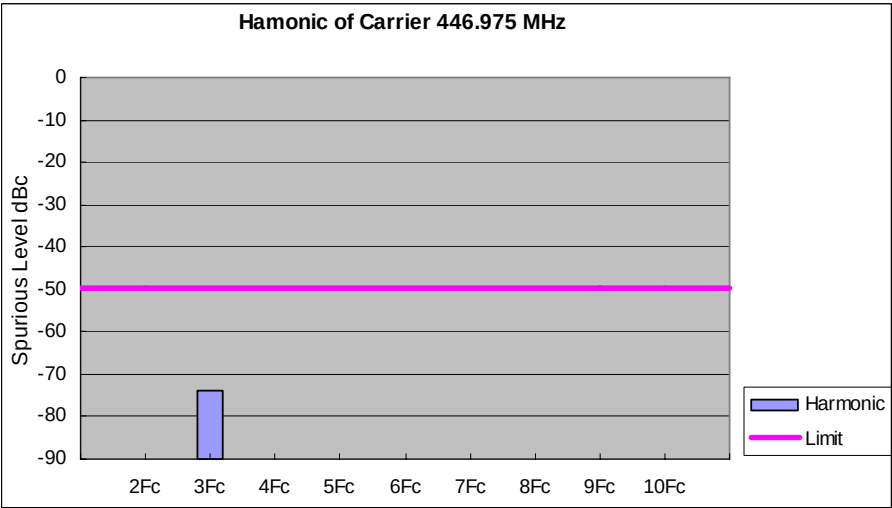


Figure 6F-12: 4.8 Watts Harmonic of Carrier 446.975 MHz, 25 kHz Channel Spacing



## EXHIBIT 6G

## Radiated Spurious Emissions - Pursuant 47 CFR 2.1047 and 2.1033(c)(13)

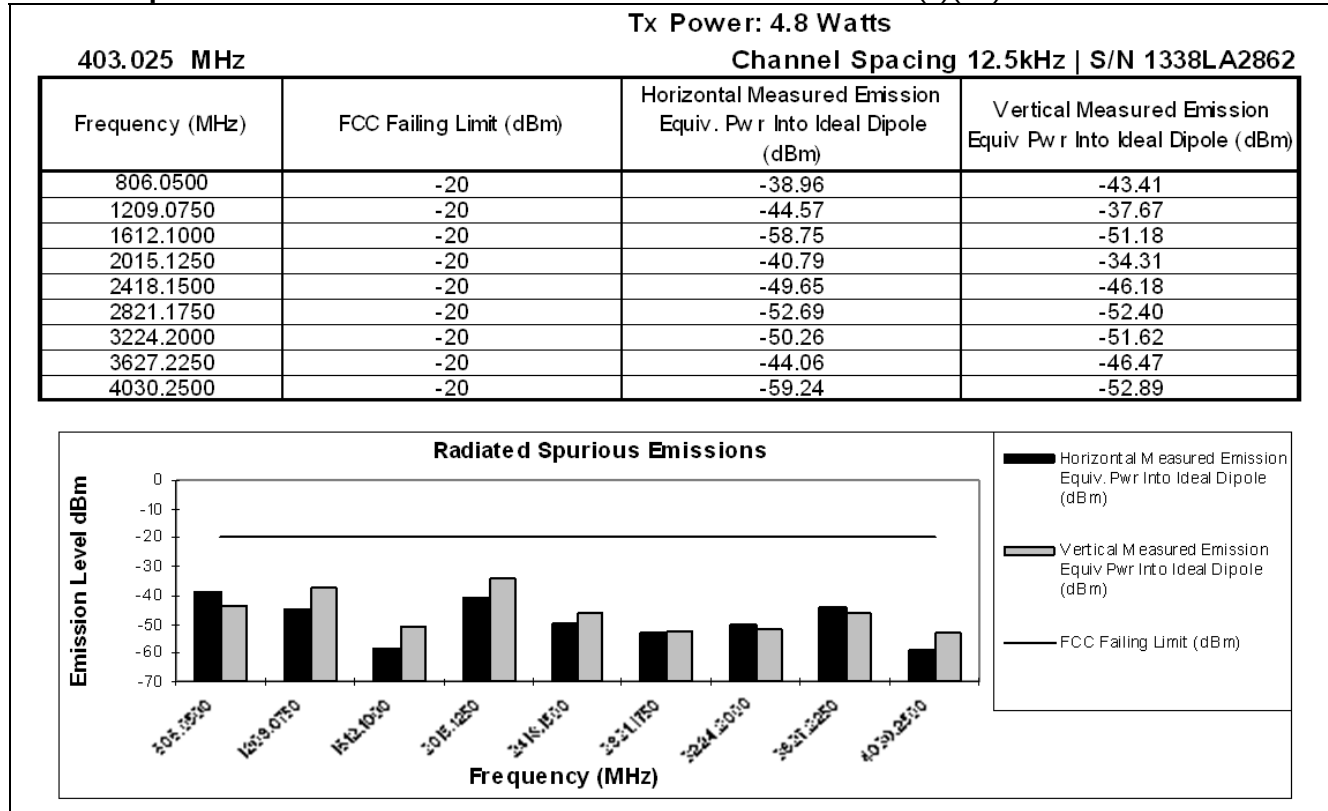


Figure 6G-1: 4.8 Watts, 403.025 MHz, 12.5 kHz Channel Spacing

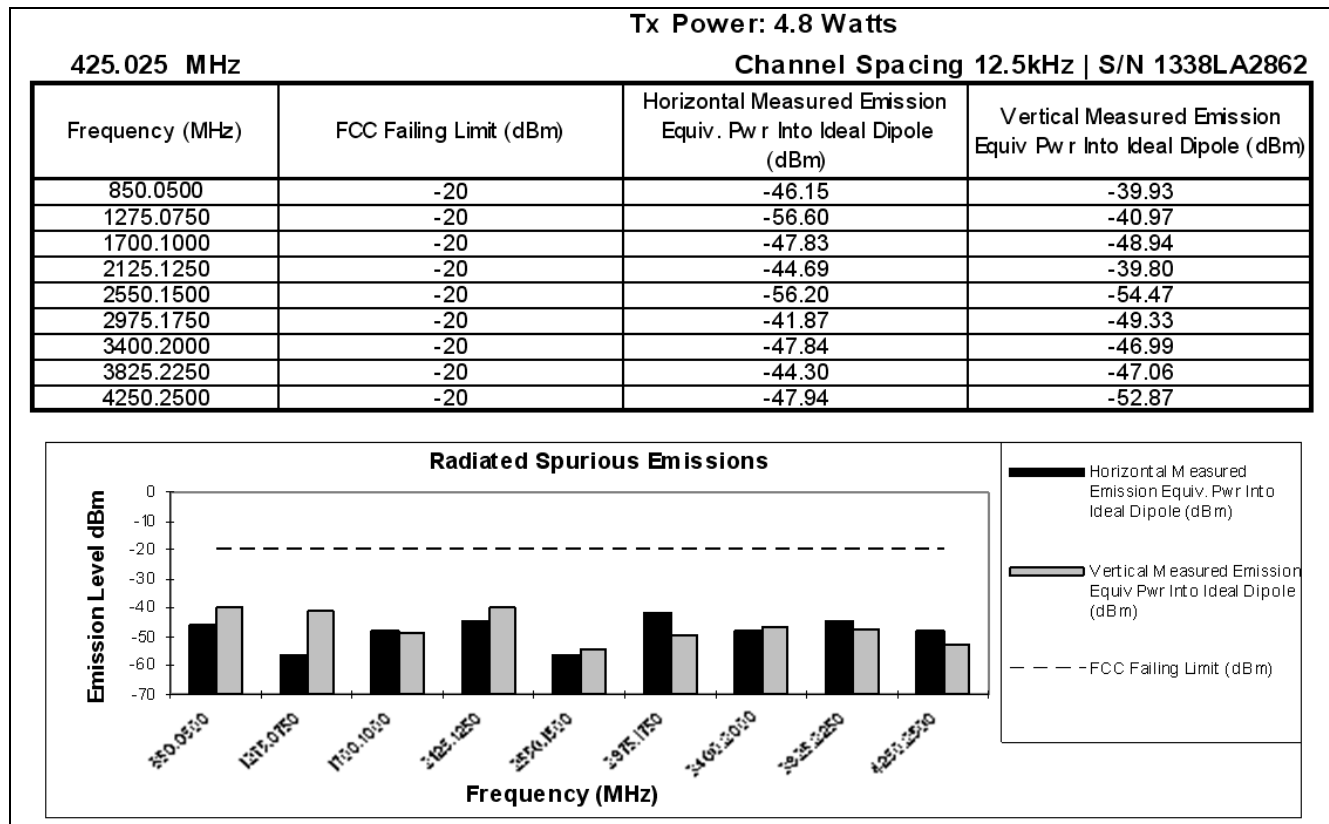


Figure 6G-2: 4.8 Watts, 425.025 MHz, 12.5 kHz Channel Spacing

Tx Power: 4.8 Watts

446.975 MHz

Channel Spacing 12.5kHz | S/N 1338LA2862

| Frequency (MHz) | FCC Failing Limit (dBm) | Horizontal Measured Emission<br>Equiv. Pwr Into Ideal Dipole<br>(dBm) | Vertical Measured Emission<br>Equiv Pwr Into Ideal Dipole (dBm) |
|-----------------|-------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| 893.9500        | -20                     | -42.88                                                                | -41.62                                                          |
| 1340.9250       | -20                     | -47.58                                                                | -43.16                                                          |
| 1787.9000       | -20                     | -62.92                                                                | -55.46                                                          |
| 2234.8750       | -20                     | -52.87                                                                | -53.40                                                          |
| 2681.8500       | -20                     | -49.90                                                                | -56.39                                                          |
| 3128.8250       | -20                     | -50.55                                                                | -51.74                                                          |
| 3575.8000       | -20                     | -39.71                                                                | -39.82                                                          |
| 4022.7750       | -20                     | -48.89                                                                | -48.12                                                          |
| 4469.7500       | -20                     | -50.55                                                                | -51.96                                                          |

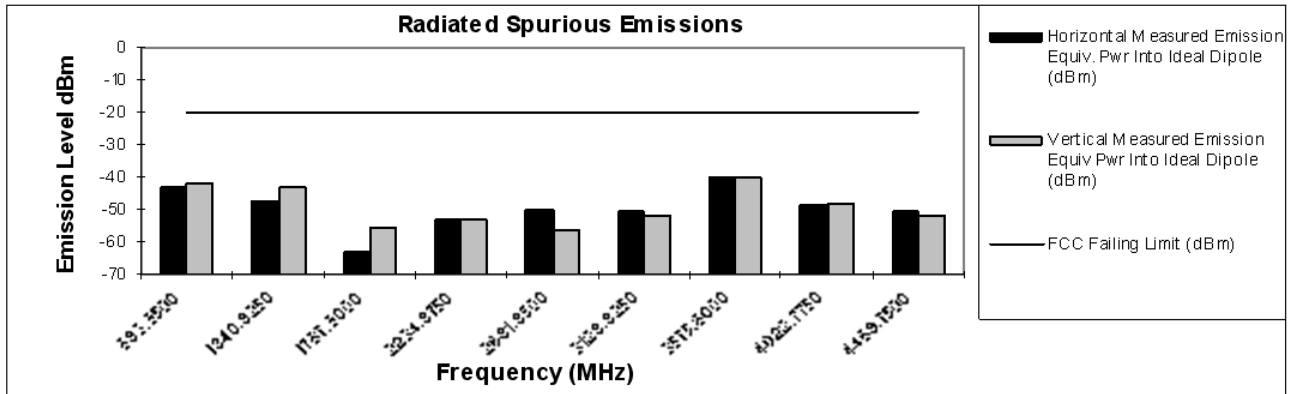


Figure 6G-3: 4.8 Watts, 446.975 MHz, 12.5 kHz Channel Spacing

Tx Power: 4.8 Watts

403.025 MHz

Channel Spacing 25kHz | S/N 1338LA2862

| Frequency (MHz) | FCC Failing Limit (dBm) | Horizontal Measured Emission<br>Equiv. Pwr Into Ideal Dipole<br>(dBm) | Vertical Measured Emission<br>Equiv Pwr Into Ideal Dipole (dBm) |
|-----------------|-------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| 806.0500        | -13                     | -39.89                                                                | -44.13                                                          |
| 1209.0750       | -13                     | -51.09                                                                | -40.71                                                          |
| 1612.1000       | -13                     | -55.86                                                                | -51.41                                                          |
| 2015.1250       | -13                     | -41.78                                                                | -37.95                                                          |
| 2418.1500       | -13                     | -51.31                                                                | -48.59                                                          |
| 2821.1750       | -13                     | -53.86                                                                | -53.40                                                          |
| 3224.2000       | -13                     | -53.18                                                                | -53.05                                                          |
| 3627.2250       | -13                     | -49.52                                                                | -45.08                                                          |
| 4030.2500       | -13                     | -61.10                                                                | -53.56                                                          |

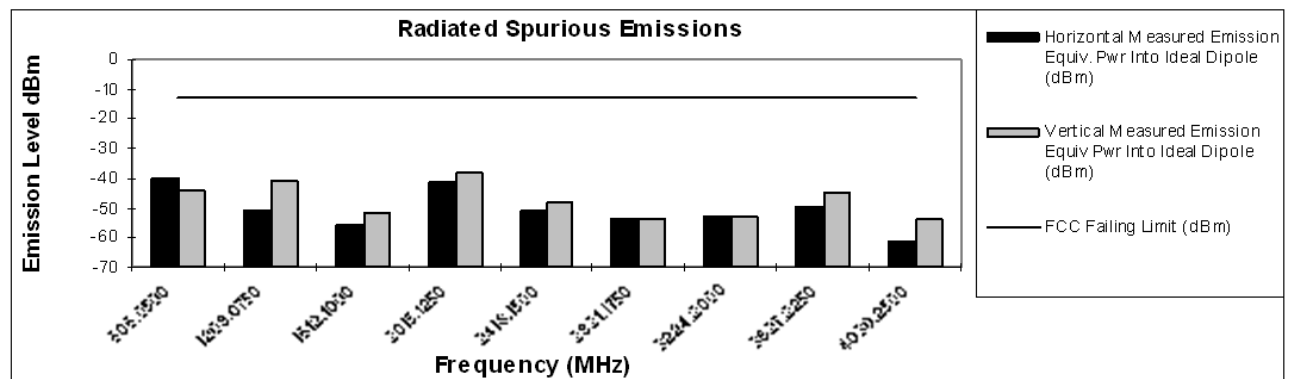


Figure 6G-4: 4.8 Watts, 403.025 MHz, 25 kHz Channel Spacing

Tx Power: 4.8 Watts

425.025 MHz

Channel Spacing 25kHz | S/N 1338LA2862

| Frequency (MHz) | FCC Failing Limit (dBm) | Horizontal Measured Emission<br>Equiv. Pwr Into Ideal Dipole<br>(dBm) | Vertical Measured Emission<br>Equiv Pwr Into Ideal Dipole (dBm) |
|-----------------|-------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| 850.0500        | -13                     | -47.64                                                                | -42.59                                                          |
| 1275.0750       | -13                     | -61.03                                                                | -42.66                                                          |
| 1700.1000       | -13                     | -49.17                                                                | -49.21                                                          |
| 2125.1250       | -13                     | -46.26                                                                | -42.38                                                          |
| 2550.1500       | -13                     | -58.10                                                                | -54.20                                                          |
| 2975.1750       | -13                     | -44.83                                                                | -49.91                                                          |
| 3400.2000       | -13                     | -48.77                                                                | -45.16                                                          |
| 3825.2250       | -13                     | -44.97                                                                | -47.36                                                          |
| 4250.2500       | -13                     | -51.77                                                                | -54.26                                                          |

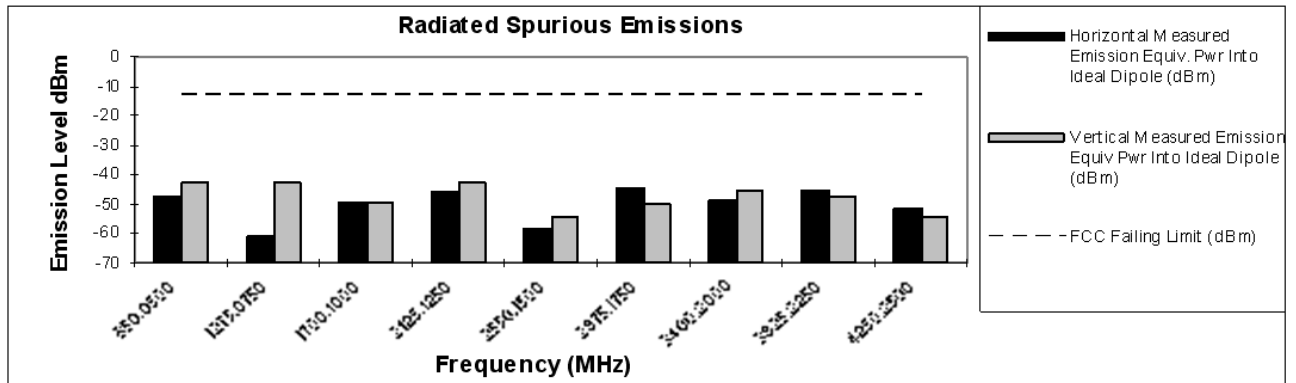


Figure 6G-5: 4.8 Watts, 425.025 MHz, 25 kHz Channel Spacing

Tx Power: 4.8 Watts

446.975 MHz

Channel Spacing 25kHz | S/N 1338LA2862

| Frequency (MHz) | FCC Failing Limit (dBm) | Horizontal Measured Emission<br>Equiv. Pwr Into Ideal Dipole<br>(dBm) | Vertical Measured Emission<br>Equiv Pwr Into Ideal Dipole (dBm) |
|-----------------|-------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| 893.9500        | -13                     | -42.81                                                                | -46.06                                                          |
| 1340.9250       | -13                     | -50.04                                                                | -43.15                                                          |
| 1787.9000       | -13                     | -59.02                                                                | -45.98                                                          |
| 2234.8750       | -13                     | -45.84                                                                | -55.59                                                          |
| 2681.8500       | -13                     | -50.00                                                                | -53.11                                                          |
| 3128.8250       | -13                     | -48.57                                                                | -50.97                                                          |
| 3575.8000       | -13                     | -41.94                                                                | -40.22                                                          |
| 4022.7750       | -13                     | -50.06                                                                | -47.19                                                          |
| 4469.7500       | -13                     | -49.64                                                                | -51.72                                                          |

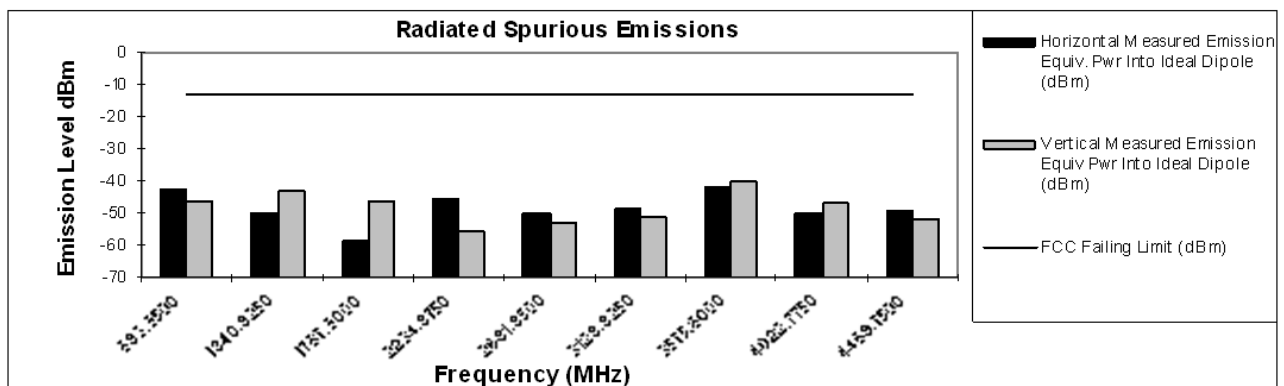


Figure 6G-6: 4.8 Watts, 446.975 MHz, 25 kHz Channel Spacing

Tx Power: 1 Watts

403.025 MHz

Channel Spacing 12.5kHz | S/N 1338LA2862

| Frequency (MHz) | FCC Failing Limit (dBm) | Horizontal Measured Emission<br>Equiv. Pwr Into Ideal Dipole<br>(dBm) | Vertical Measured Emission<br>Equiv Pwr Into Ideal Dipole (dBm) |
|-----------------|-------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| 806.0500        | -20                     | -43.11                                                                | -48.23                                                          |
| 1209.0750       | -20                     | -54.68                                                                | -45.66                                                          |
| 1612.1000       | -20                     | -60.38                                                                | -57.19                                                          |
| 2015.1250       | -20                     | -47.27                                                                | -43.02                                                          |
| 2418.1500       | -20                     | -56.14                                                                | -52.46                                                          |
| 2821.1750       | -20                     | -50.02                                                                | -51.27                                                          |
| 3224.2000       | -20                     | -53.60                                                                | -56.01                                                          |
| 3627.2250       | -20                     | -46.08                                                                | -48.42                                                          |
| 4030.2500       | -20                     | -52.96                                                                | -48.48                                                          |

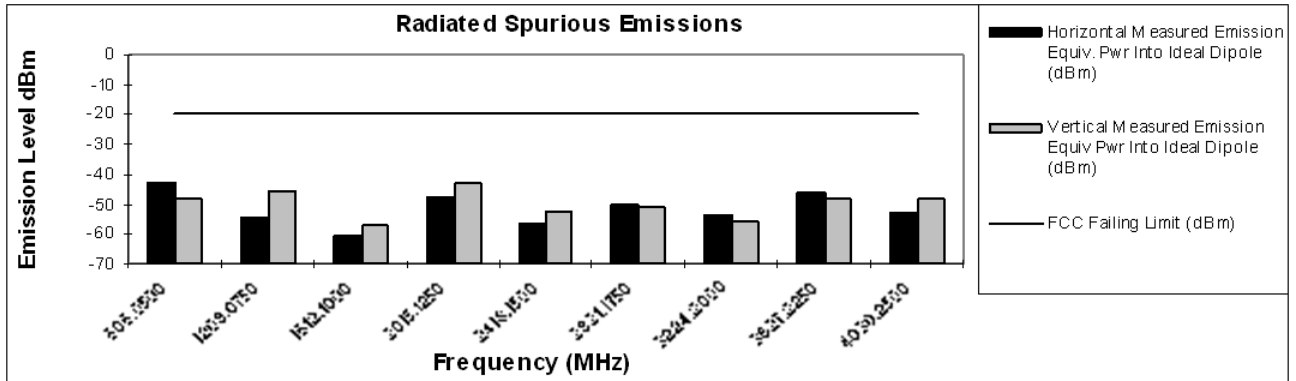


Figure 6G-7: 1 Watt, 403.025 MHz, 12.5 kHz Channel Spacing

Tx Power: 1 Watts

425.025 MHz

Channel Spacing 12.5kHz | S/N 1338LA2862

| Frequency (MHz) | FCC Failing Limit (dBm) | Horizontal Measured Emission<br>Equiv. Pwr Into Ideal Dipole<br>(dBm) | Vertical Measured Emission<br>Equiv Pwr Into Ideal Dipole (dBm) |
|-----------------|-------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| 850.0500        | -20                     | -44.03                                                                | -39.73                                                          |
| 1275.0750       | -20                     | -49.75                                                                | -39.98                                                          |
| 1700.1000       | -20                     | -48.92                                                                | -50.64                                                          |
| 2125.1250       | -20                     | -43.54                                                                | -39.02                                                          |
| 2550.1500       | -20                     | -52.12                                                                | -51.64                                                          |
| 2975.1750       | -20                     | -41.21                                                                | -46.77                                                          |
| 3400.2000       | -20                     | -45.49                                                                | -45.74                                                          |
| 3825.2250       | -20                     | -39.58                                                                | -42.87                                                          |
| 4250.2500       | -20                     | -48.94                                                                | -51.45                                                          |

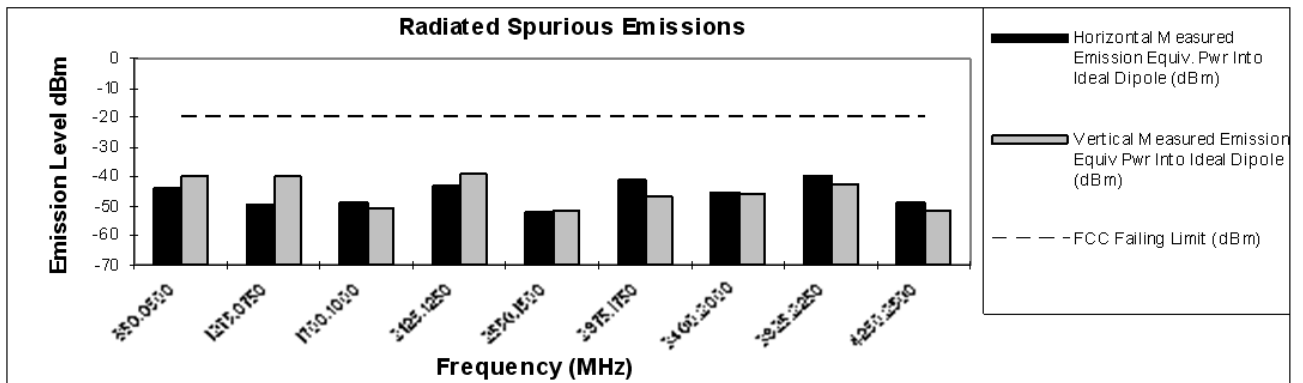


Figure 6G-8: 1 Watt, 425.025 MHz, 12.5 kHz Channel Spacing

Tx Power: 1 Watts

446.975 MHz

Channel Spacing 12.5kHz | S/N 1338LA2862

| Frequency (MHz) | FCC Failing Limit (dBm) | Horizontal Measured Emission<br>Equiv. Pwr Into Ideal Dipole<br>(dBm) | Vertical Measured Emission<br>Equiv Pwr Into Ideal Dipole (dBm) |
|-----------------|-------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| 893.9500        | -20                     | -45.89                                                                | -48.29                                                          |
| 1340.9250       | -20                     | -52.16                                                                | -41.00                                                          |
| 1787.9000       | -20                     | -60.95                                                                | -58.73                                                          |
| 2234.8750       | -20                     | -47.29                                                                | -47.87                                                          |
| 2681.8500       | -20                     | -60.10                                                                | -54.71                                                          |
| 3128.8250       | -20                     | -47.31                                                                | -54.05                                                          |
| 3575.8000       | -20                     | -41.49                                                                | -41.80                                                          |
| 4022.7750       | -20                     | -52.33                                                                | -48.95                                                          |
| 4469.7500       | -20                     | -55.04                                                                | -52.93                                                          |

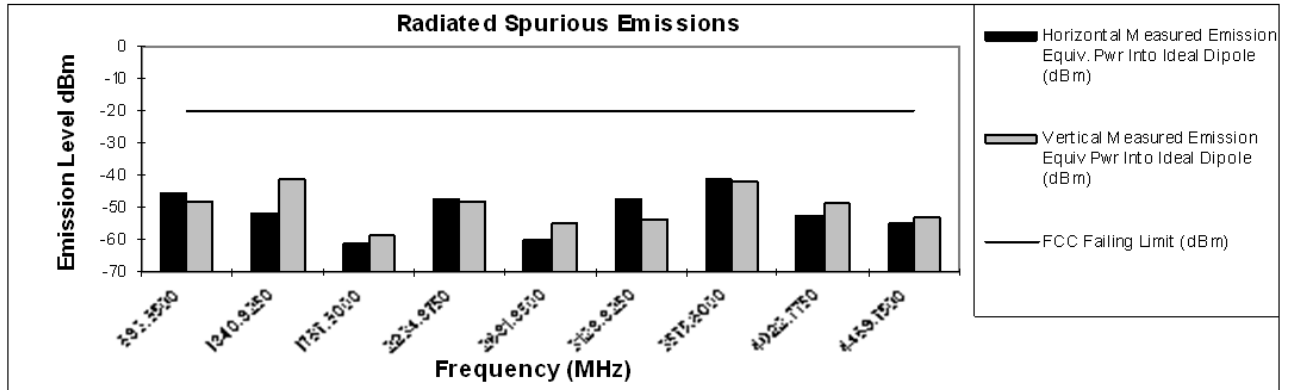


Figure 6G-9: 1 Watt, 446.975 MHz, 12.5 kHz Channel Spacing

Tx Power: 1 Watts

403.025 MHz

Channel Spacing 25kHz | S/N 1338LA2862

| Frequency (MHz) | FCC Failing Limit (dBm) | Horizontal Measured Emission<br>Equiv. Pwr Into Ideal Dipole<br>(dBm) | Vertical Measured Emission<br>Equiv Pwr Into Ideal Dipole (dBm) |
|-----------------|-------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| 806.0500        | -13                     | -45.04                                                                | -50.30                                                          |
| 1209.0750       | -13                     | -56.99                                                                | -44.34                                                          |
| 1612.1000       | -13                     | -61.23                                                                | -57.32                                                          |
| 2015.1250       | -13                     | -49.35                                                                | -44.22                                                          |
| 2418.1500       | -13                     | -59.27                                                                | -53.36                                                          |
| 2821.1750       | -13                     | -51.05                                                                | -54.03                                                          |
| 3224.2000       | -13                     | -56.16                                                                | -56.37                                                          |
| 3627.2250       | -13                     | -50.03                                                                | -49.76                                                          |
| 4030.2500       | -13                     | -51.30                                                                | -51.96                                                          |

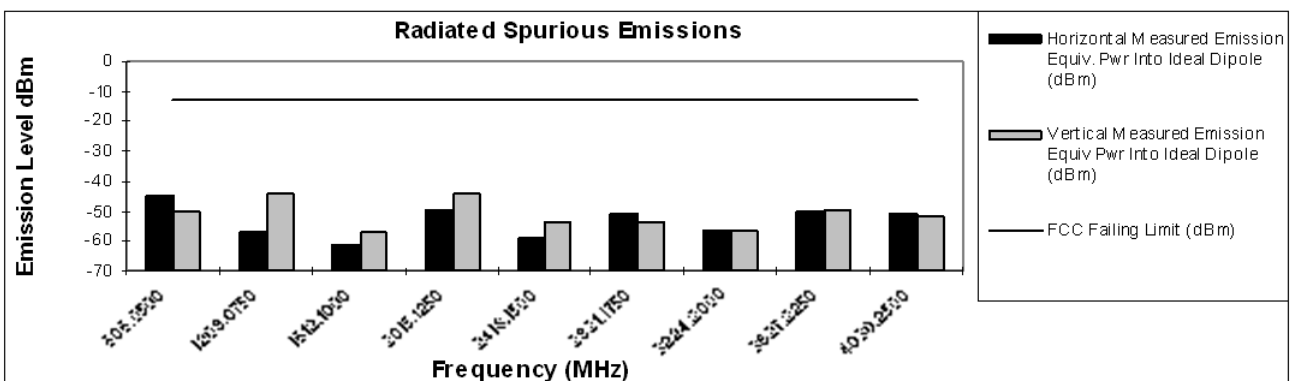


Figure 6G-10: 1 Watt, 403.025 MHz, 25 kHz Channel Spacing

Tx Power: 1 Watts

425.025 MHz

Channel Spacing 25kHz | S/N 1338LA2862

| Frequency (MHz) | FCC Failing Limit (dBm) | Horizontal Measured Emission<br>Equiv. Pwr Into Ideal Dipole<br>(dBm) | Vertical Measured Emission<br>Equiv Pwr Into Ideal Dipole (dBm) |
|-----------------|-------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| 850.0500        | -13                     | -46.66                                                                | -37.53                                                          |
| 1275.0750       | -13                     | -56.70                                                                | -41.14                                                          |
| 1700.1000       | -13                     | -49.63                                                                | -49.84                                                          |
| 2125.1250       | -13                     | -43.90                                                                | -41.09                                                          |
| 2550.1500       | -13                     | -58.31                                                                | -52.32                                                          |
| 2975.1750       | -13                     | -41.51                                                                | -47.86                                                          |
| 3400.2000       | -13                     | -44.91                                                                | -45.61                                                          |
| 3825.2250       | -13                     | -42.62                                                                | -45.02                                                          |
| 4250.2500       | -13                     | -51.02                                                                | -53.91                                                          |

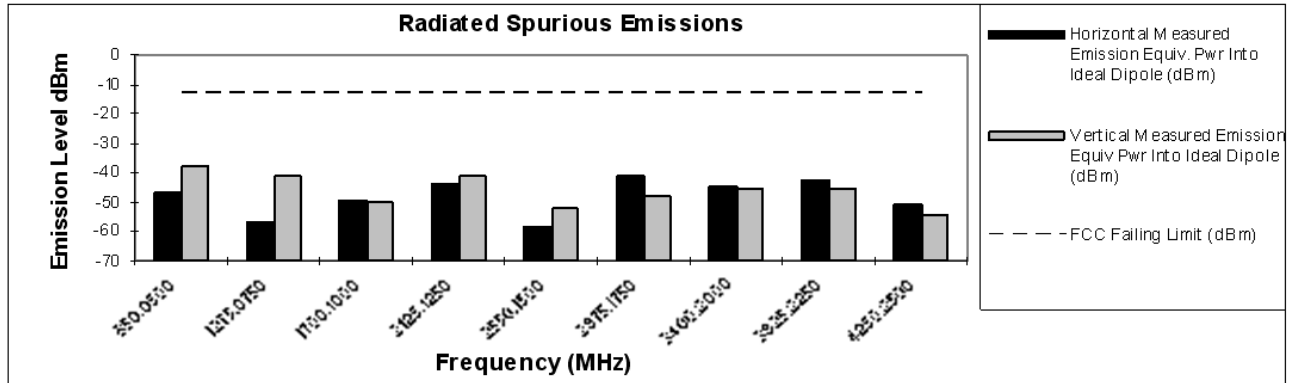


Figure 6G-11: 1 Watt, 425.025 MHz, 25 kHz Channel Spacing

Tx Power: 1 Watts

446.975 MHz

Channel Spacing 25kHz | S/N 1338LA2862

| Frequency (MHz) | FCC Failing Limit (dBm) | Horizontal Measured Emission<br>Equiv. Pwr Into Ideal Dipole<br>(dBm) | Vertical Measured Emission<br>Equiv Pwr Into Ideal Dipole (dBm) |
|-----------------|-------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| 893.9500        | -13                     | -46.89                                                                | -50.32                                                          |
| 1340.9250       | -13                     | -56.63                                                                | -50.99                                                          |
| 1787.9000       | -13                     | -51.84                                                                | -41.76                                                          |
| 2234.8750       | -13                     | -45.64                                                                | -48.17                                                          |
| 2681.8500       | -13                     | -54.25                                                                | -55.28                                                          |
| 3128.8250       | -13                     | -49.08                                                                | -45.70                                                          |
| 3575.8000       | -13                     | -39.33                                                                | -35.12                                                          |
| 4022.7750       | -13                     | -47.71                                                                | -45.23                                                          |
| 4469.7500       | -13                     | -53.70                                                                | -51.93                                                          |

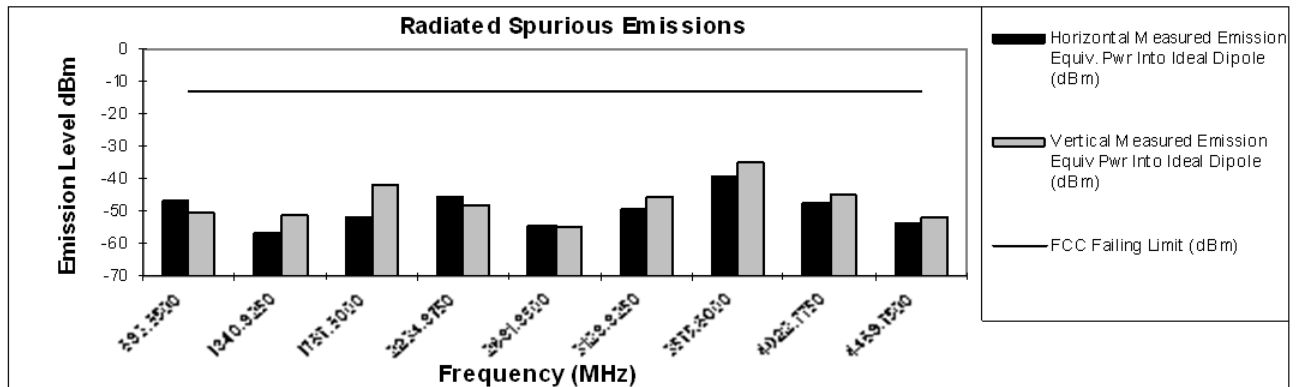


Figure 6G-12: 1 Watt, 446.975 MHz, 25 kHz Channel Spacing