

**INDEX OF SUBMITTED MEASURED DATA**

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

**EXHIBIT 6A – RF Power Output (Table)**

6A-1: Conducted, 757.500MHz and 787.500 MHz

**EXHIBIT 6E – Occupied Bandwidth (12 Spectrum Analyzer Plots)**

6E-1: 2500 Hz Audio Modulation Only

6E-2: 2500 Hz Audio and PL Tone Modulation

6E-3: 2500 Hz Audio and DPL Tone Modulation

6E-4: 2500 Hz Audio and Low Speed Trunking Modulation

6E-5: DTMF Modulation Only

6E-6: DTMF and PL Tone Modulation

6E-7: DTMF and DPL Tone Modulation

6E-8: DTMF and Low Speed Trunking Modulation

6E-9: 2000/3000 Hz FSK Data Modulation Only

6E-10: 2000/3000 Hz FSK Data and PL Tone Modulation

6E-11: 2000/3000 Hz FSK Data and DPL Tone Modulation

6E-12: 2000/3000 Hz FSK Data and Low Speed Trunking Modulation

**EXHIBIT 6F – Conducted Spurious Emissions (4 Graphs)**

6F-1: 3 Watts, 757.500 MHz

6F-2: 1 Watt, 757.500 MHz

6F-3: 3 Watts, 787.500 MHz

6F-4: 1 Watt, 787.500 MHz

**EXHIBIT 6G – Radiated Spurious Emissions (4 Graphs)**

6G-1: 3 Watts, 757.500 MHz, Horizontal & Vertical

6G-2: 1 Watt, 757.500 MHz, Horizontal & Vertical

6G-3: 3 Watts, 787.500 MHz, Horizontal & Vertical

6G-4: 1 Watt, 787.500 MHz, Horizontal & Vertical

## EXHIBIT 6A-1

## RF Conducted Power Output Data

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device, pursuant 47 CFR 2.1033(c)(8) and 2.1046.

**High power setting, Frequency 757.500 MHz:**

Output RF power	3.0 Watts
DC Voltage	7.50 Volts
DC Current	1.10 Amps
DC Input Power	8.250 Watts

**Low power setting, Frequency 757.500 MHz:**

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	0.78 Amps
DC Input Power	5.850 Watts

**High power setting, Frequency 787.500 MHz:**

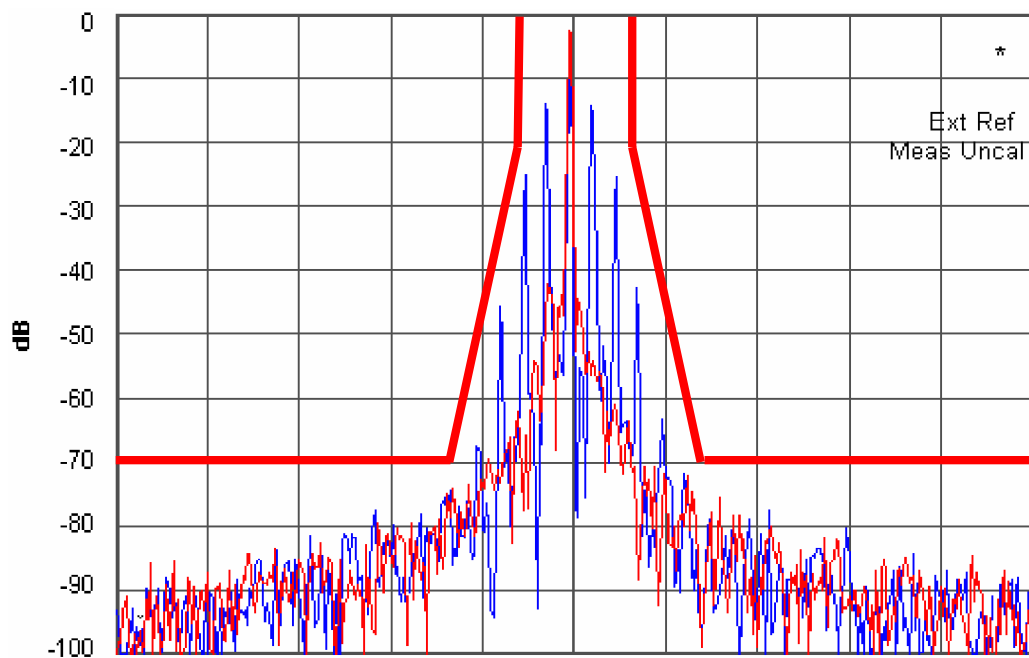
Output RF power	3.0 Watts
DC Voltage	7.50 Volts
DC Current	1.12 Amps
DC Input Power	8.400 Watts

**Low power setting, Frequency 787.500 MHz:**

Output RF power	1.0 Watts
DC Voltage	7.50 Volts
DC Current	0.77 Amps
DC Input Power	5.775 Watts

## EXHIBIT 6E-1

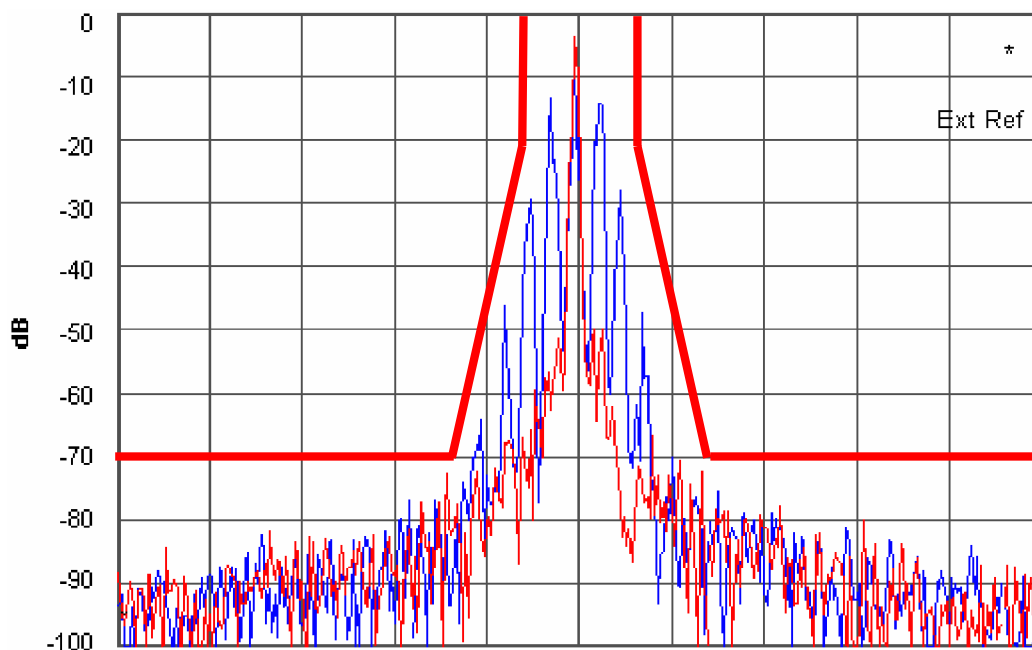
**OCCUPIED BANDWIDTH MEASUREMENT FOR  
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, CARRIER SQUELCH  
EMISSION MASK: D**



CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 dB/div
REFERENCE LEVEL:	0 dBm
ATTENUATION:	30 dB

## EXHIBIT 6E-2

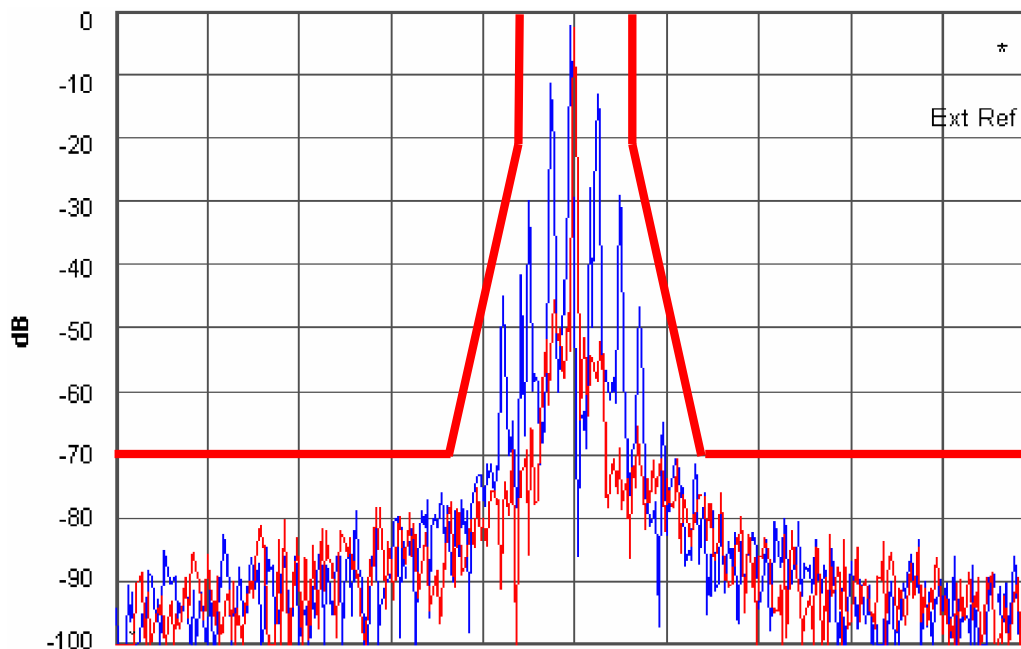
OCCUPIED BANDWIDTH MEASUREMENT FOR  
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, TPL 250.3 Hz  
EMISSION MASK: D



CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 dB/div
REFERENCE LEVEL:	0 dBm
ATTENUATION:	30 dB

## EXHIBIT 6E-3

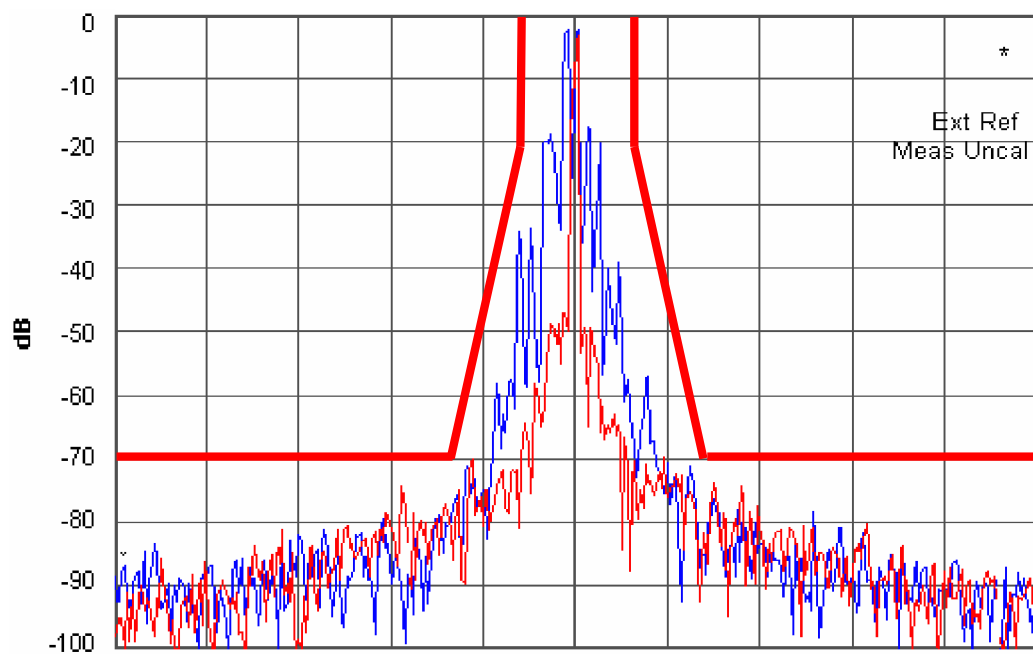
OCCUPIED BANDWIDTH MEASUREMENT FOR  
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, DPL 131  
EMISSION MASK: D



CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 dB/div
REFERENCE LEVEL:	0 dBm
ATTENUATION:	30 dB

## EXHIBIT 6E-4

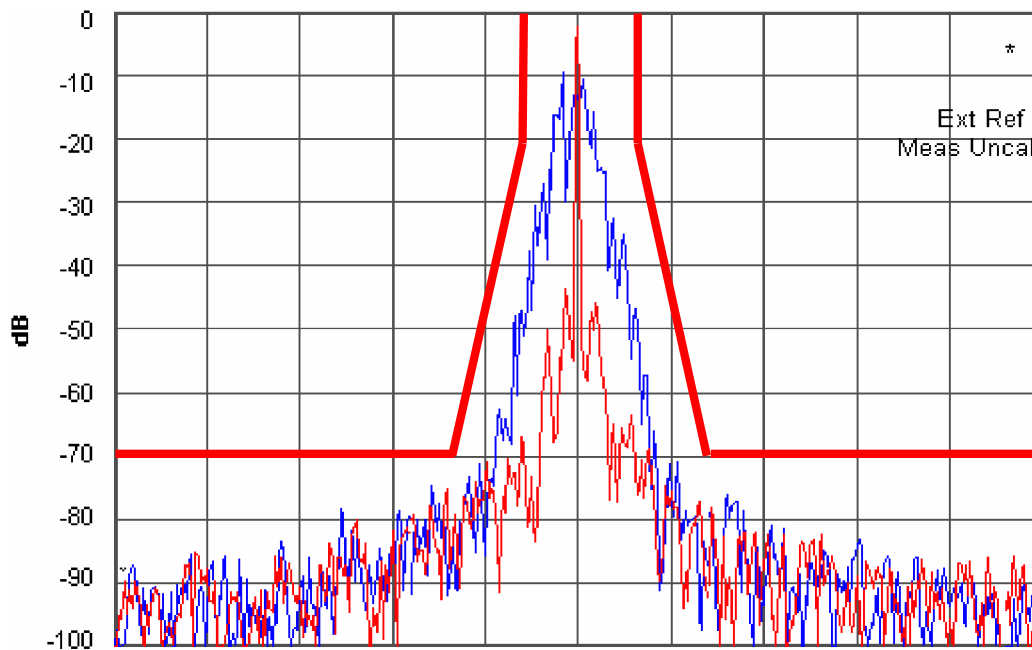
**OCCUPIED BANDWIDTH MEASUREMENT FOR  
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, LOW SPEED TRUNKING  
EMISSION MASK: D**



CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 dB/div
REFERENCE LEVEL:	0 dBm

## EXHIBIT 6E-5

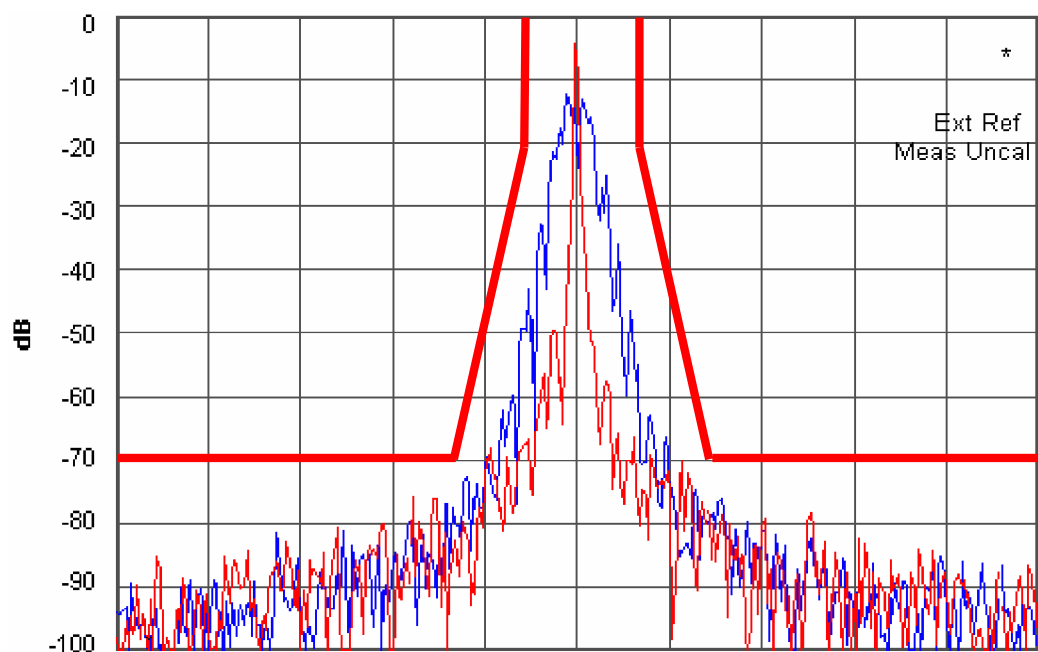
**OCCUPIED BANDWIDTH MEASUREMENT FOR  
12.5 kHz CHANNEL SPACING, DTMF MODULATION, CARRIER SQUELCH  
EMISSION MASK: D**



CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 Db/div
REFERENCE LEVEL:	0 dBm
ATTENUATION:	30 dB

## EXHIBIT 6E-6

**OCCUPIED BANDWIDTH MEASUREMENT FOR  
12.5 kHz CHANNEL SPACING, DTMF MODULATION, TPL 250.3 Hz  
EMISSION MASK: D**

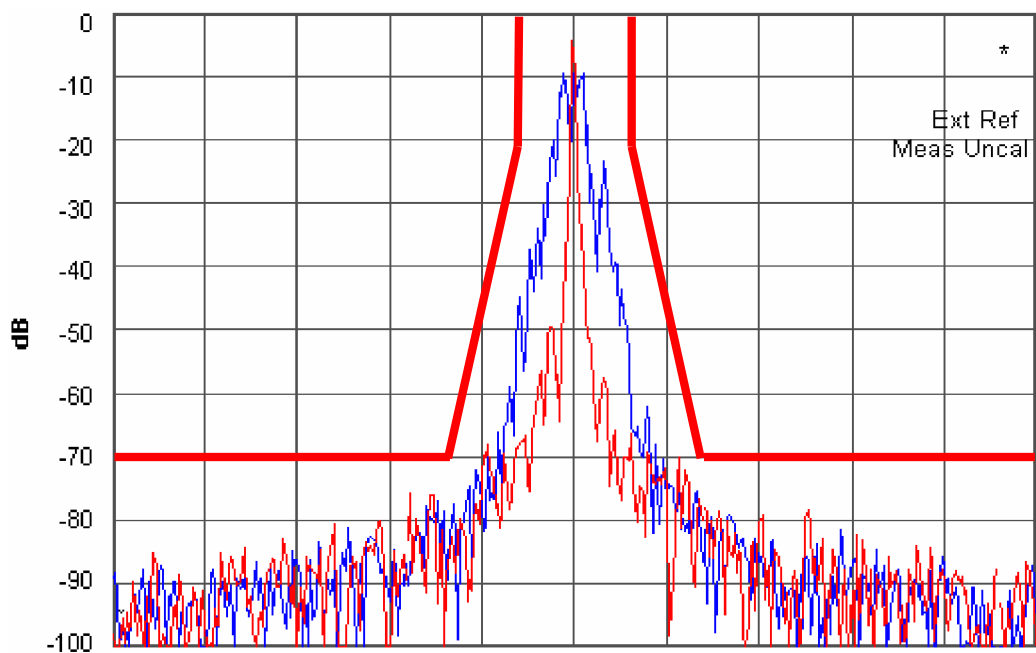


CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 dB/div
REFERENCE LEVEL:	0 dBm
ATTENUATION:	30 dB



## EXHIBIT 6E-7

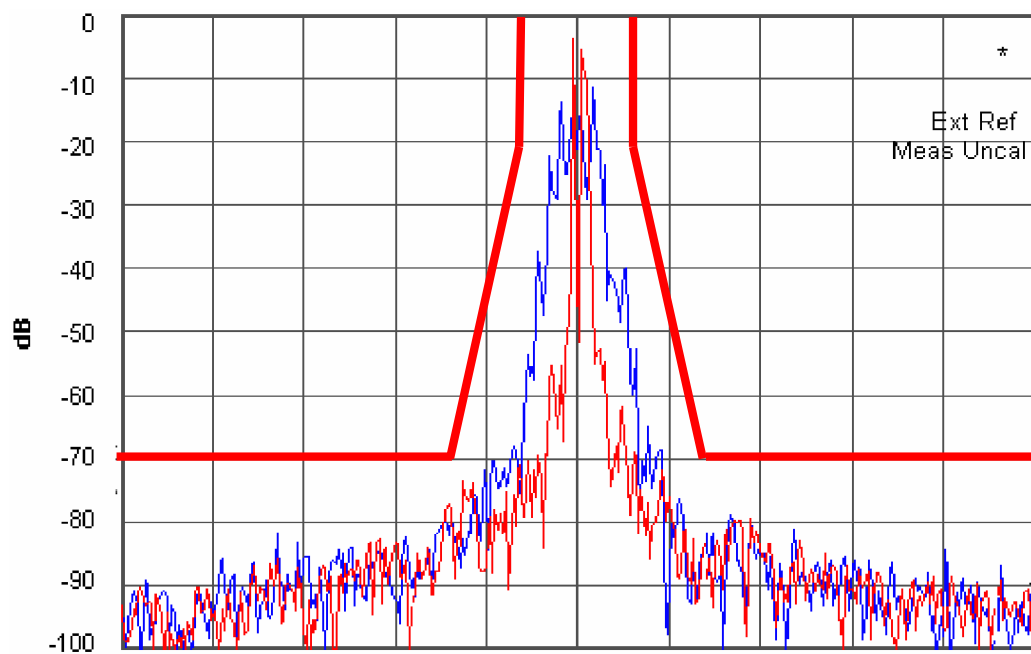
OCCUPIED BANDWIDTH MEASUREMENT FOR  
12.5 kHz CHANNEL SPACING, DTMF MODULATION, DPL 131  
EMISSION MASK: D



CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 dB/div
REFERENCE LEVEL:	0 dBm
ATTENUATION:	30 dB

## EXHIBIT 6E-8

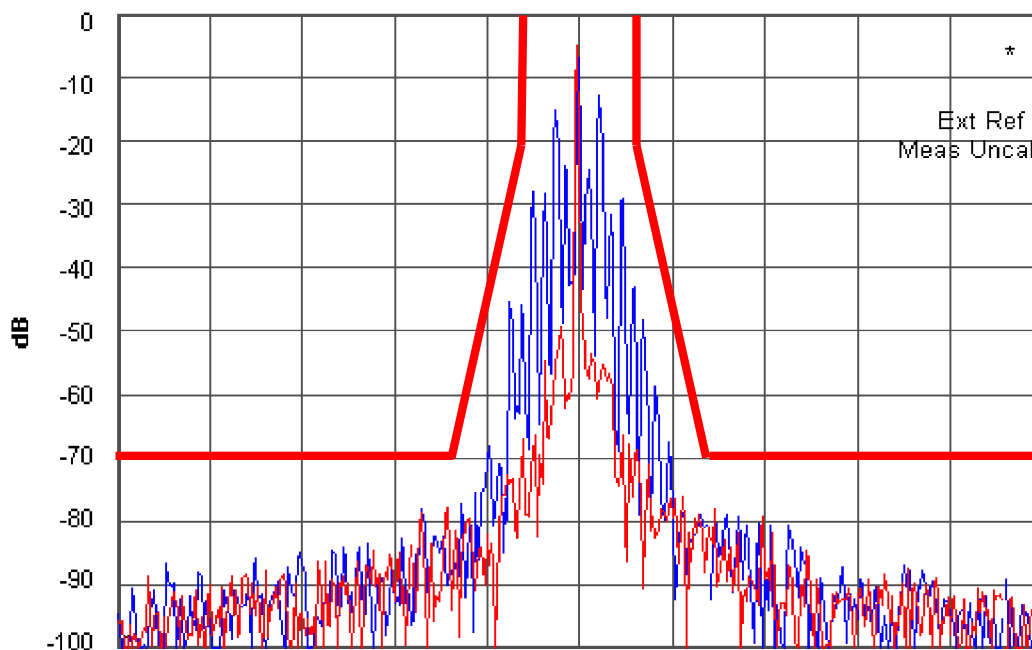
**OCCUPIED BANDWIDTH MEASUREMENT FOR  
12.5 kHz CHANNEL SPACING, DTMF MODULATION, LOW SPEED TRUNKING  
EMISSION MASK: D**



CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 dB/div
REFERENCE LEVEL:	0 dBm

## EXHIBIT 6E-9

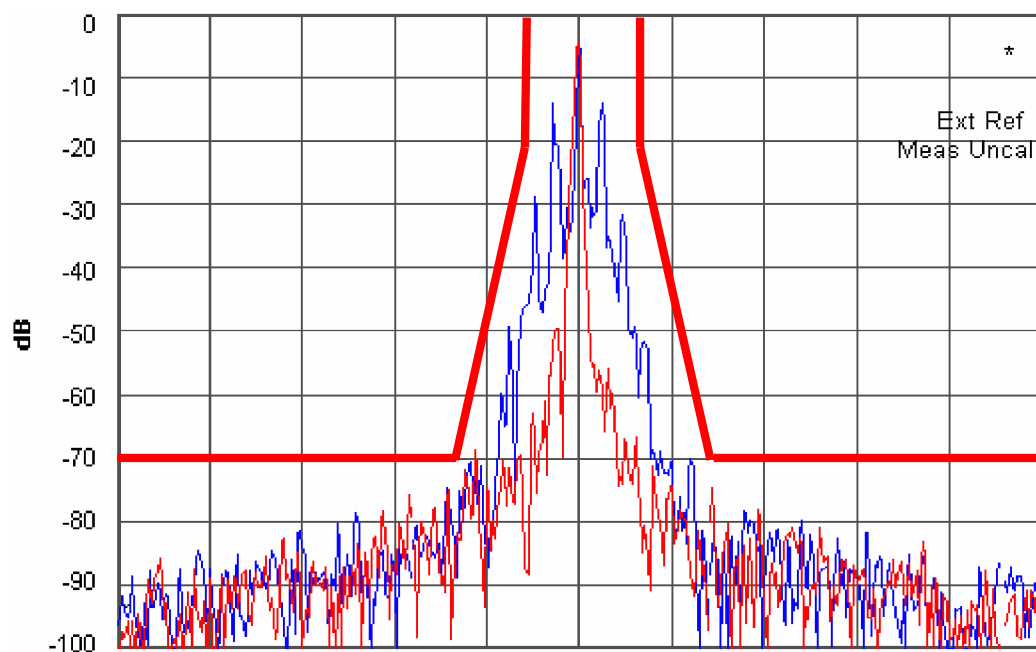
**OCCUPIED BANDWIDTH MEASUREMENT FOR  
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, CARRIER SQUELCH  
EMISSION MASK: D**



CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 dB/div
REFERENCE LEVEL:	0 dBm
ATTENUATION:	30 dB

## EXHIBIT 6E-10

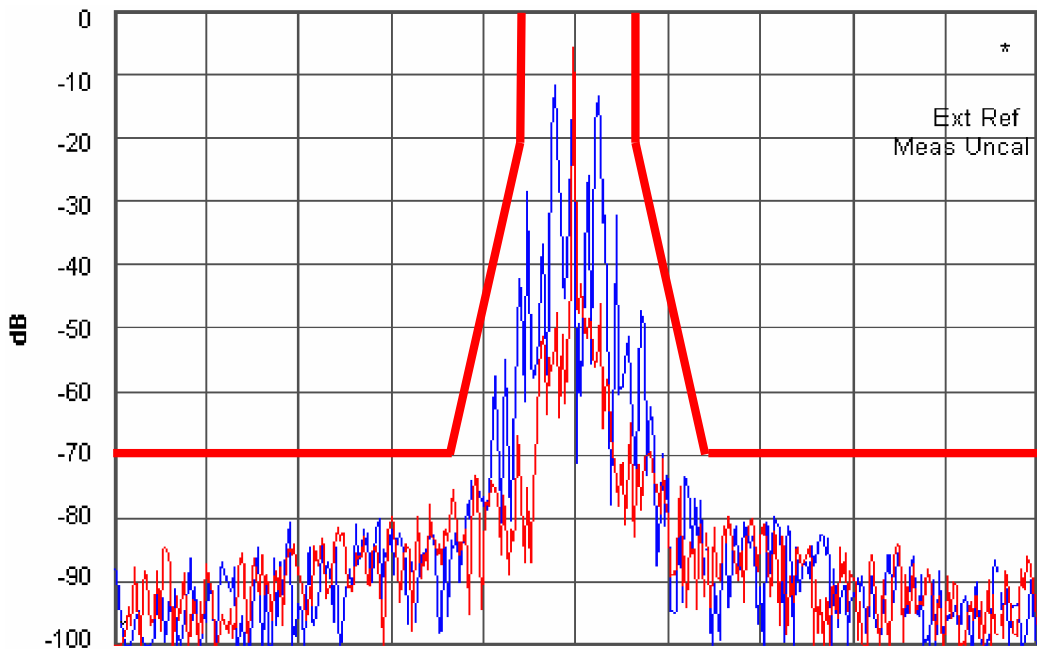
**OCCUPIED BANDWIDTH MEASUREMENT FOR  
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, TPL 250.3 Hz  
EMISSION MASK: D**



CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 dB/div
REFERENCE LEVEL:	0 dBm
ATTENUATION:	30 dB

EXHIBIT 6E-11

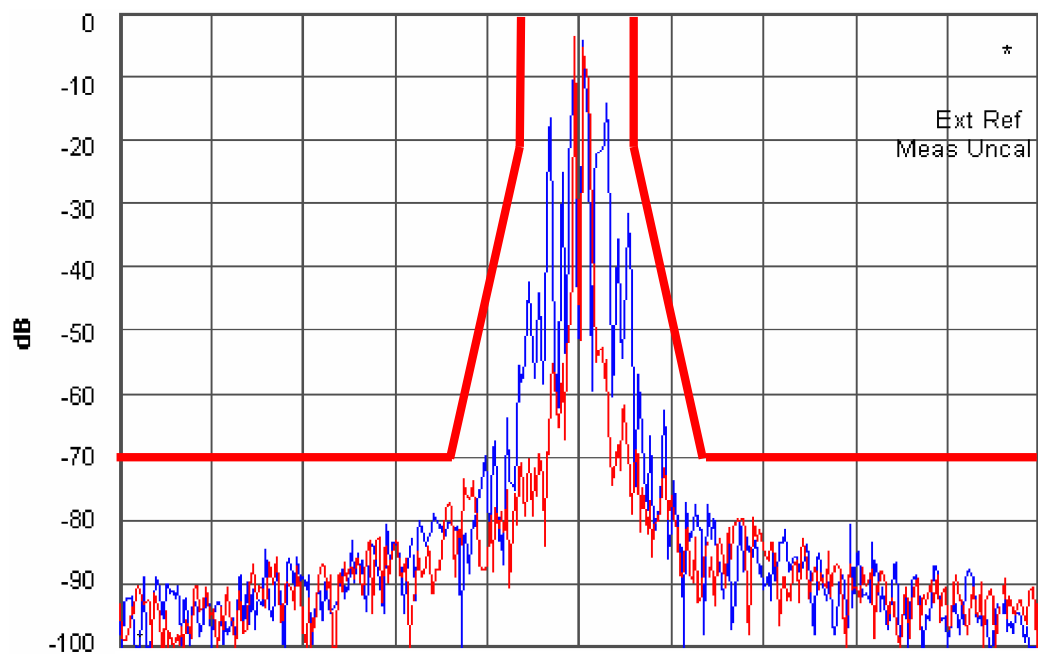
OCCUPIED BANDWIDTH MEASUREMENT FOR  
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, DPL 131  
EMISSION MASK: D



CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 dB/div
REFERENCE LEVEL:	0 dBm
ATTENUATION:	30 dB

## EXHIBIT 6E-12

**OCCUPIED BANDWIDTH MEASUREMENT FOR  
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, LOW SPEED TRUNKING  
EMISSION MASK: D**

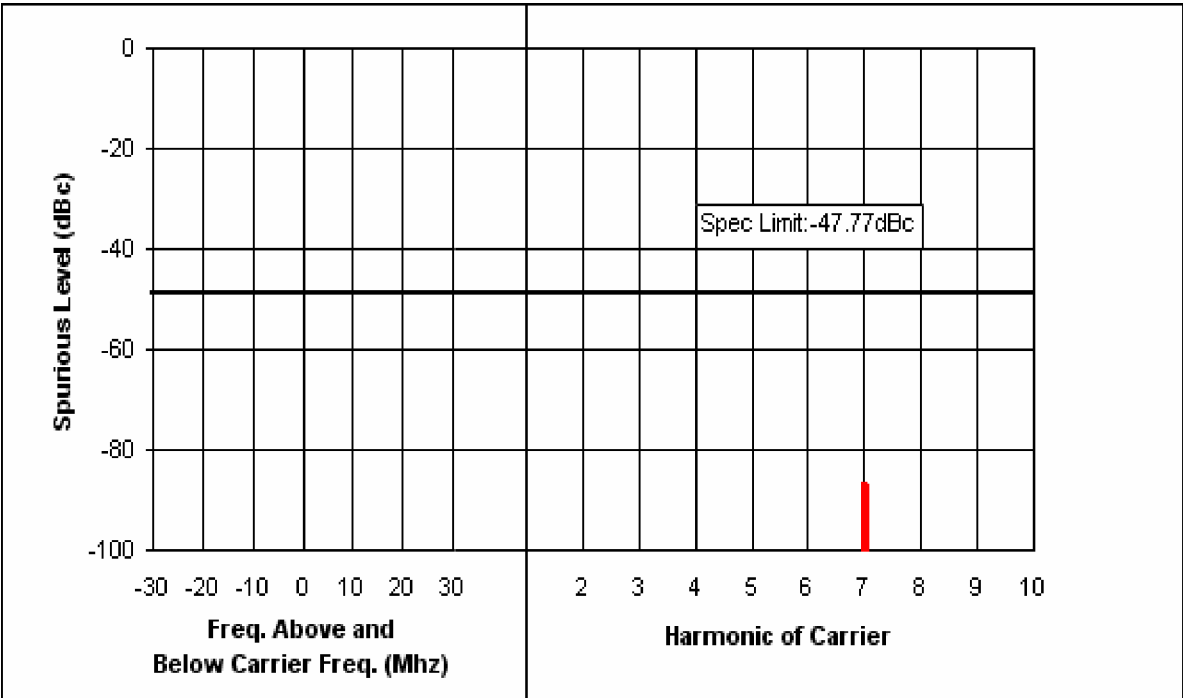


CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 dB/div
REFERENCE LEVEL:	0 dBm

EXHIBIT 6F-1

CONDUCTED SPURIOUS EMISSIONS  
HIGH POWER, 757.500 MHz

Transmitter Type:    See Above  
Power Output:        3.0 W at 757.500 MHz



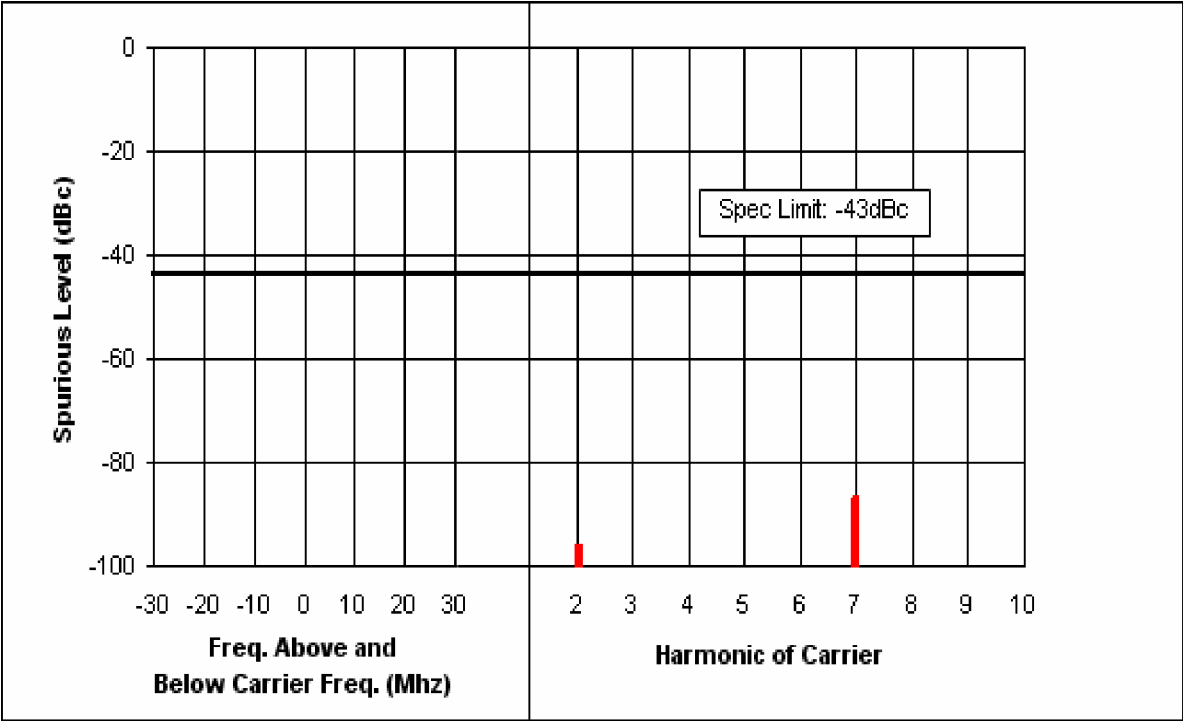
The conducted spurious level is plotted in dBc on the vertical axis.  
The specification for conducted emissions is -47.77 dBc

Note: Spurs which are not shown is 52.23dB below the specification limits.

EXHIBIT 6F-2

CONDUCTED SPURIOUS EMISSIONS  
LOW POWER, 757.500 MHz

Transmitter Type:    See Above  
Power Output:        1.0 W at 757.500 MHz



The conducted spurious level is plotted in dBc on the vertical axis.  
The specification for conducted emissions is -43 dBc

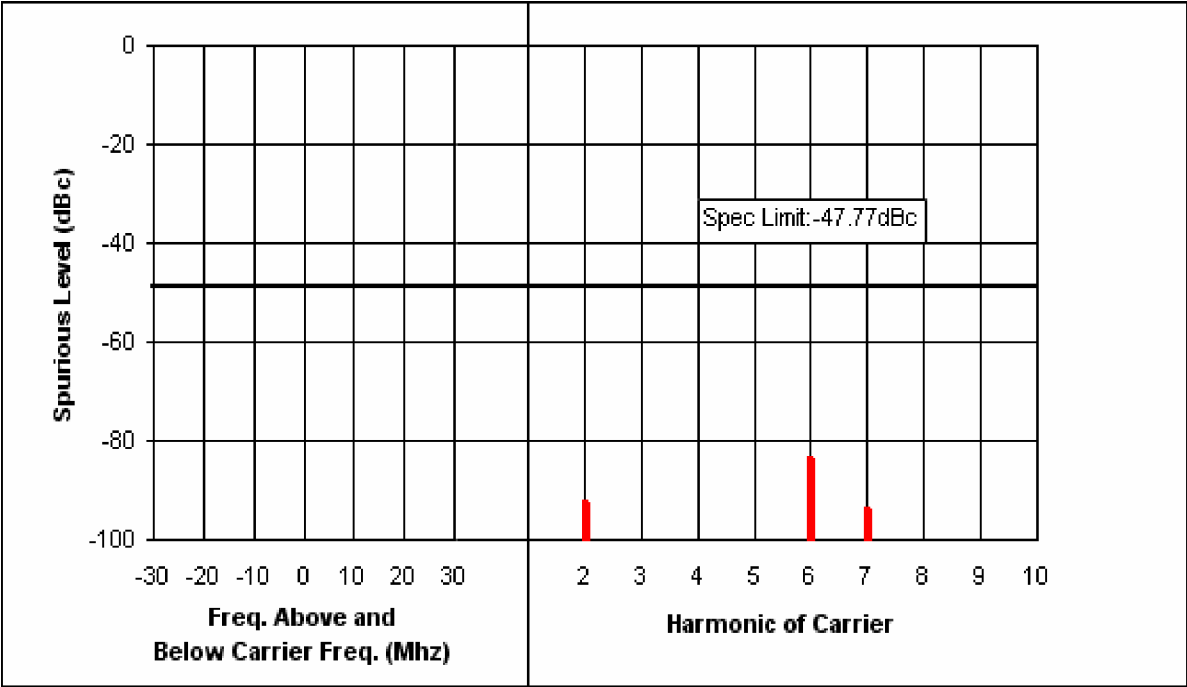
Note: Spurs which are not shown is 57dB below the specification limits.



EXHIBIT 6F-3

CONDUCTED SPURIOUS EMISSIONS  
HIGH POWER, 787.500 MHz

Transmitter Type: See Above  
Power Output: 3.0 W at 787.500 MHz



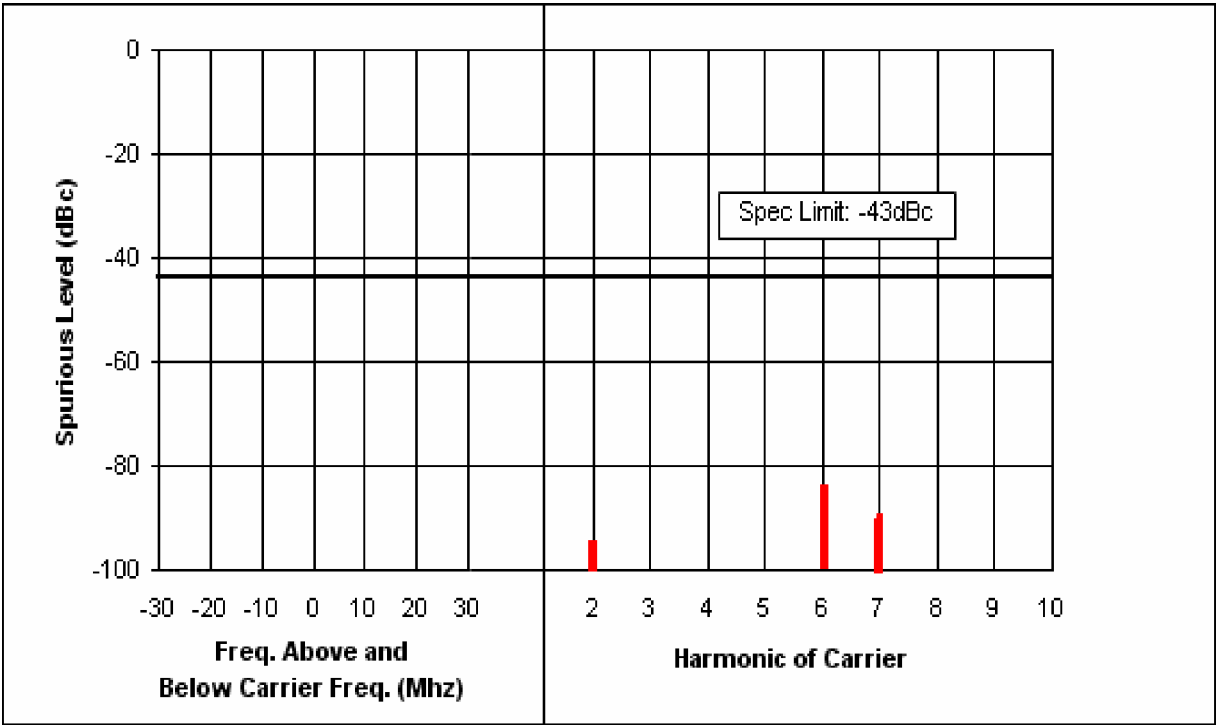
The conducted spurious level is plotted in dBc on the vertical axis.  
The specification for conducted emissions is -47.77 dBc

Note: Spurs which are not shown is 52.23dB below the specification limits.

EXHIBIT 6F-4

CONDUCTED SPURIOUS EMISSIONS  
LOW POWER, 787.500 MHz

Transmitter Type:    See Above  
Power Output:        1.0 W at 787.500 MHz

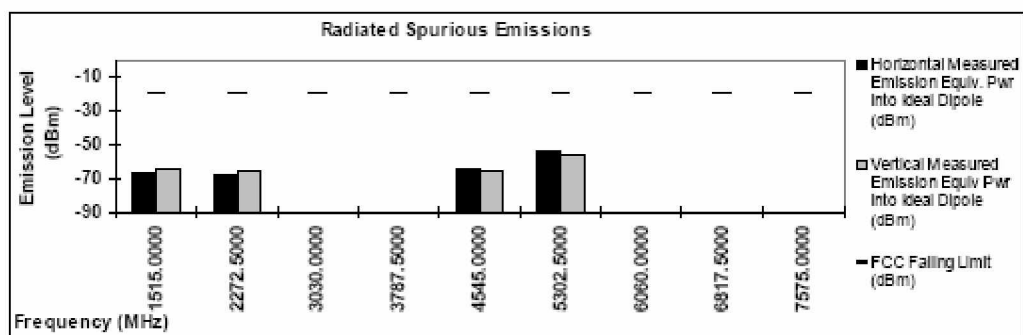


The conducted spurious level is plotted in dBc on the vertical axis.  
The specification for conducted emissions is -43 dBc

Note: Spurs which are not shown is 57dB below the specification limits.

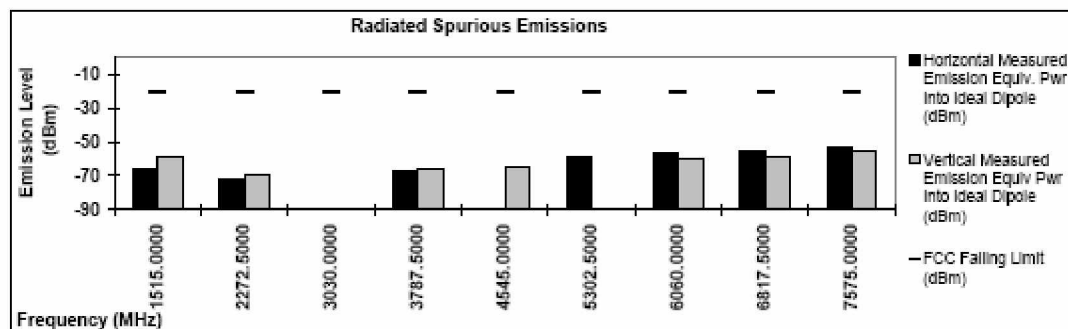
**EXHIBIT 6G-1**

**Transmitter Radiated Spurious Emissions : WARIS 746-794MHz**  
Radio's Model : PMUF1105B Accessory : Batt:HNN9008A  
080424-1882-EMC Tx Power: 3 Watts  
757.5000 MHz Channel Spacing: 12.5kHz | S/N: 008TCY1070

[illegible]

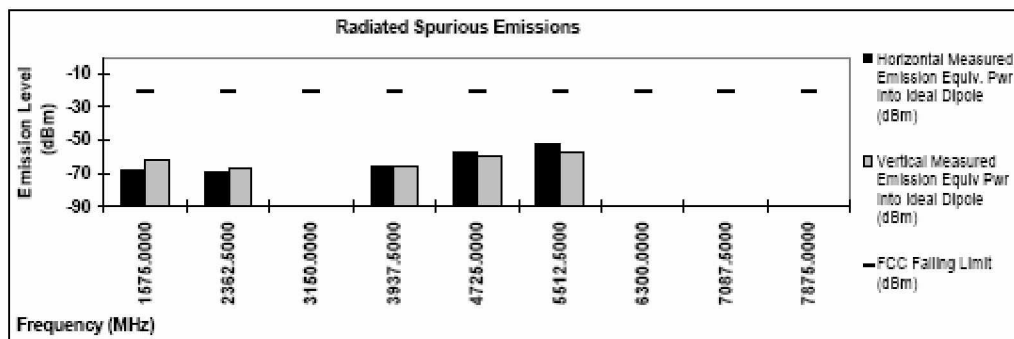
**EXHIBIT 6G-2**

**Transmitter Radiated Spurious Emissions : WARIS 746-794MHz**  
**Radio's Model : PMUF1105B** **Accessory : Batt:HNN9008A**  
**080424-1882-EMC** **Tx Power: 1 Watts**  
**757.5000 MHz** **Channel Spacing: 12.5kHz | S/N: 008TCY1070**

[illegible]

**EXHIBIT 6G-3**

Transmitter Radiated Spurious Emissions : WARIS 746-794MHz  
Radio's Model : PMUF1105B Accessory : Batt:HNN9008A  
080424-1882-EMC Tx Power: 3 Watts  
787.5 MHz Channel Spacing: 12.5kHz | S/N: 008TCY1070

[illegible]

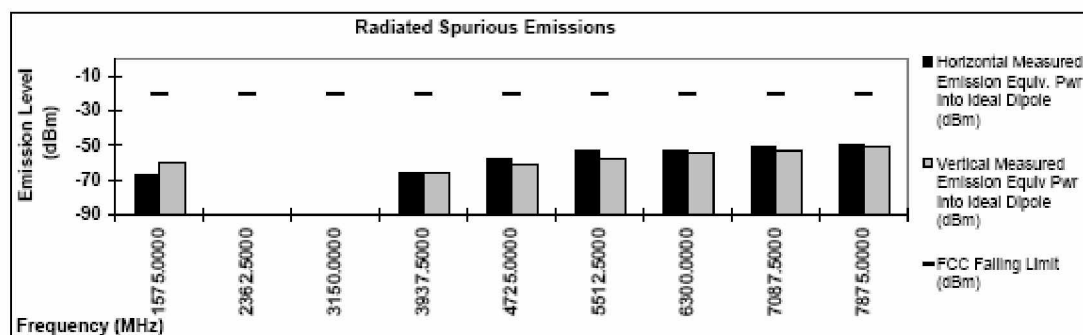
**EXHIBIT 6G-4**

Transmitter Radiated Spurious Emissions : WARIS 746-794MHz

Accessory : Batt:HNN9008A

Tx Power: 1 Watts

Channel Spacing: 12.5kHz | S/N: 008TCY1070

[illegible]

The data presented here was taken using the substitution method as found in the TIA/EIA-803 document.