

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: 18 Watts, 457.500 MHz

6F-2: 1 Watt, 457.500 MHz

6F-3: 18 Watts, 487.500 MHz

6F-4: 1 Watt, 487.500 MHz

EXHIBIT 6G – Radiated Spurious Emissions (4 Graphs)

6G-1: 18 Watts, 457.500 MHz, Horizontal & Vertical

6G-2: 1 Watt, 457.500 MHz, Horizontal & Vertical

6G-3: 18 Watts, 487.500 MHz, Horizontal & Vertical

6G-4: 1 Watt, 487.500 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	18.0 Watts
DC Voltage	13.60 Volts
DC Current	4.01 Amps
DC Input Power	54.536 Watts

Low power setting, Frequency 757.500 MHz:

Output RF power	1.0 Watts
DC Voltage	13.60 Volts
DC Current	1.36 Amps
DC Input Power	18.496 Watts

High power setting, Frequency 787.500 MHz:

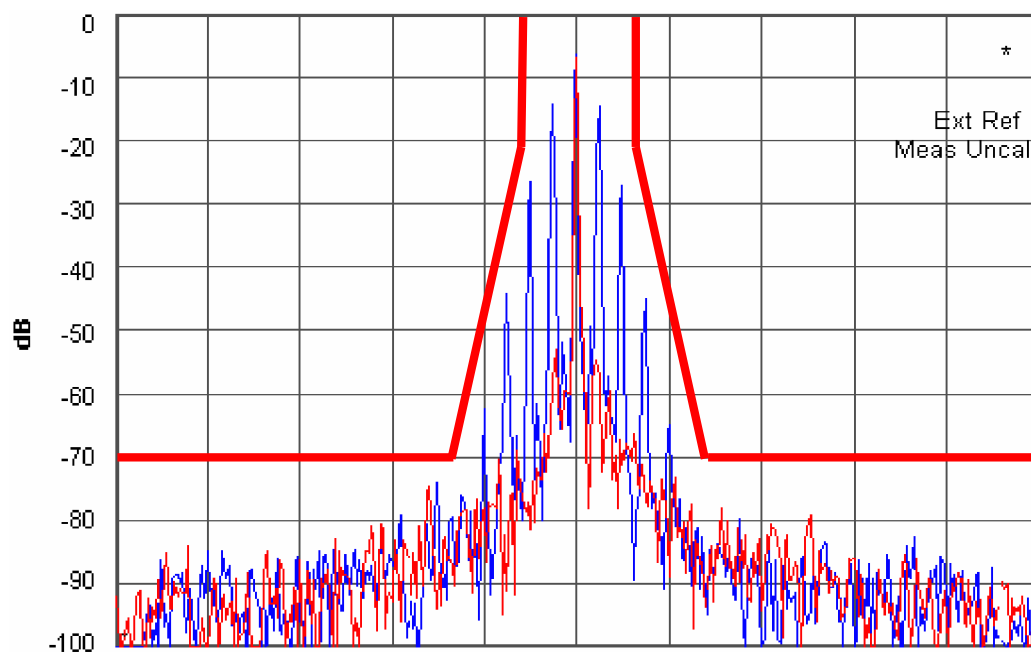
Output RF power	18.0 Watts
DC Voltage	13.60 Volts
DC Current	3.77 Amps
DC Input Power	51.272 Watts

Low power setting, Frequency 787.500 MHz:

Output RF power	1.0 Watts
DC Voltage	13.60 Volts
DC Current	1.31 Amps
DC Input Power	17.816 Watts

EXHIBIT 6E-1

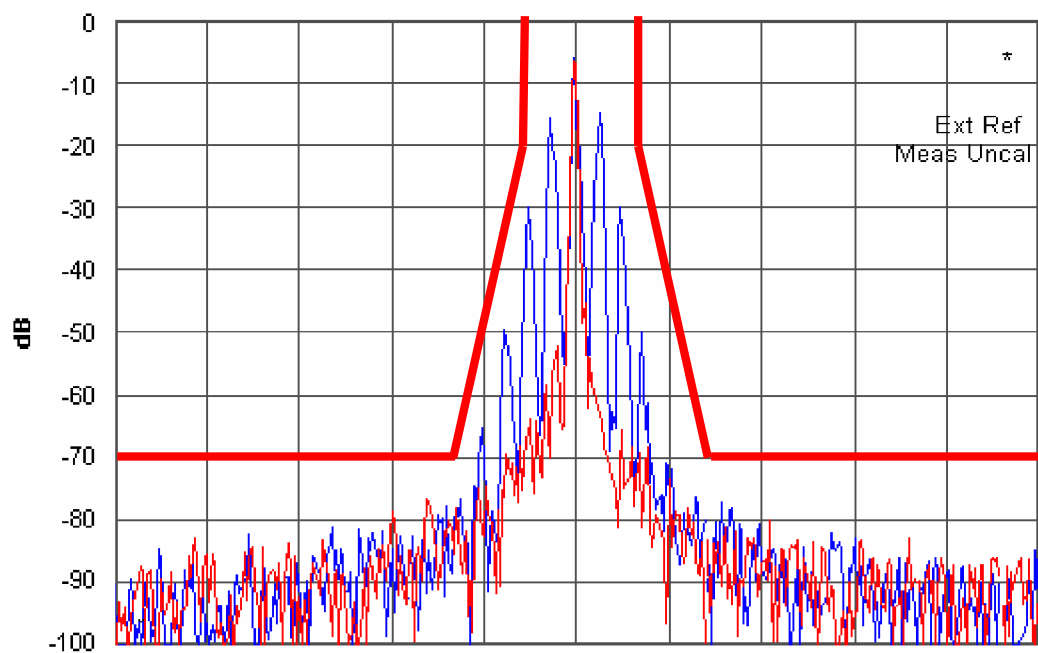
**OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, CARRIER SQUELCH
EMISSION MASK: D**



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

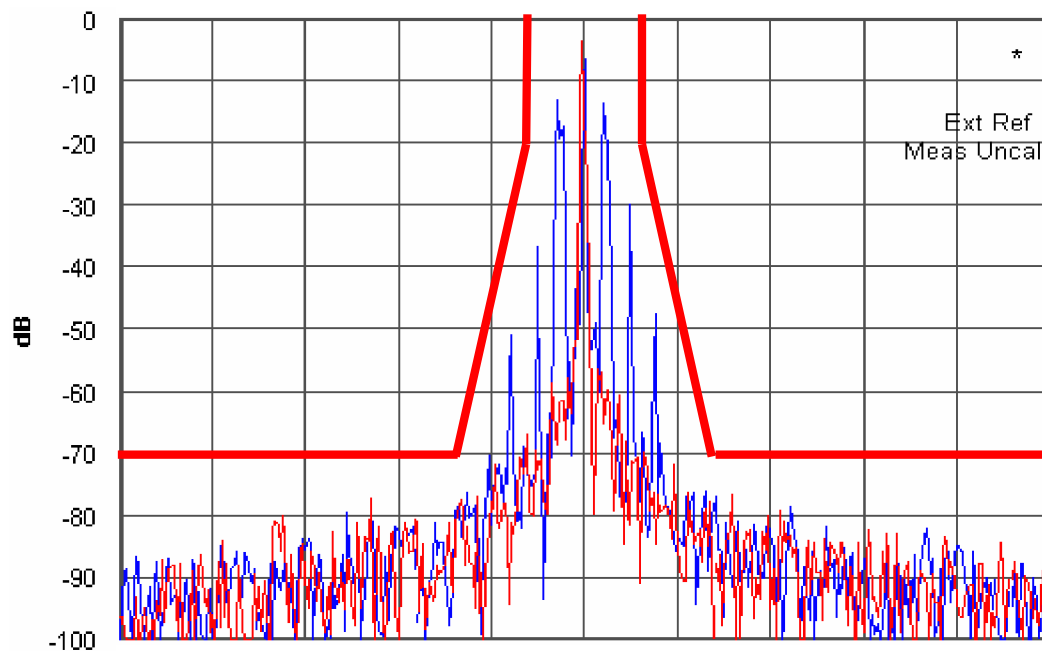
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, TPL 250.3 Hz
EMISSION MASK: D



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

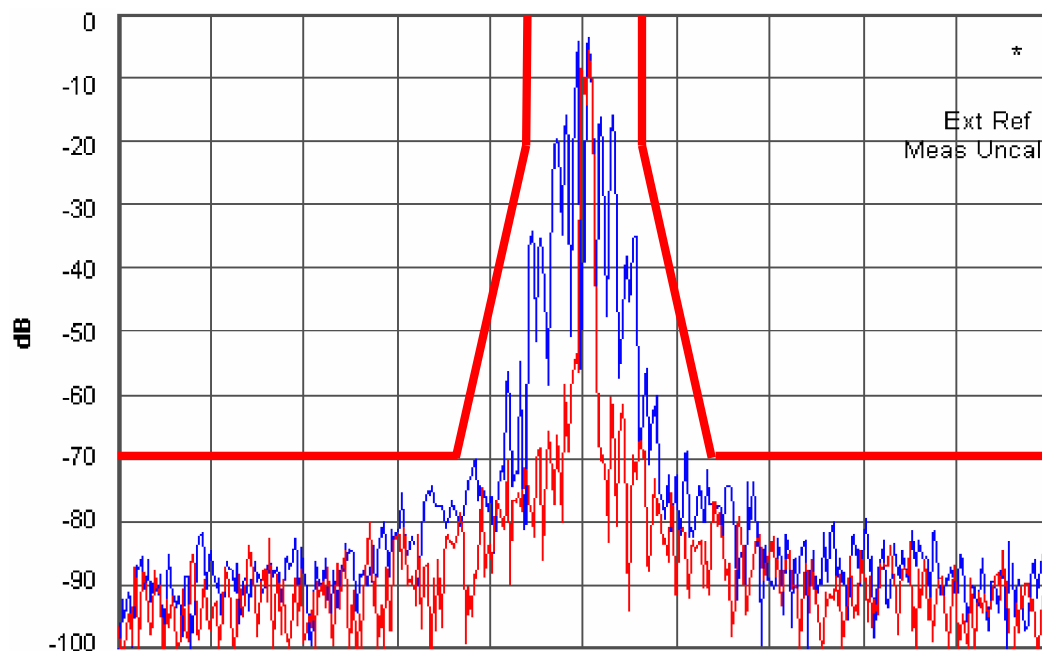
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, DPL 131
EMISSION MASK: D



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

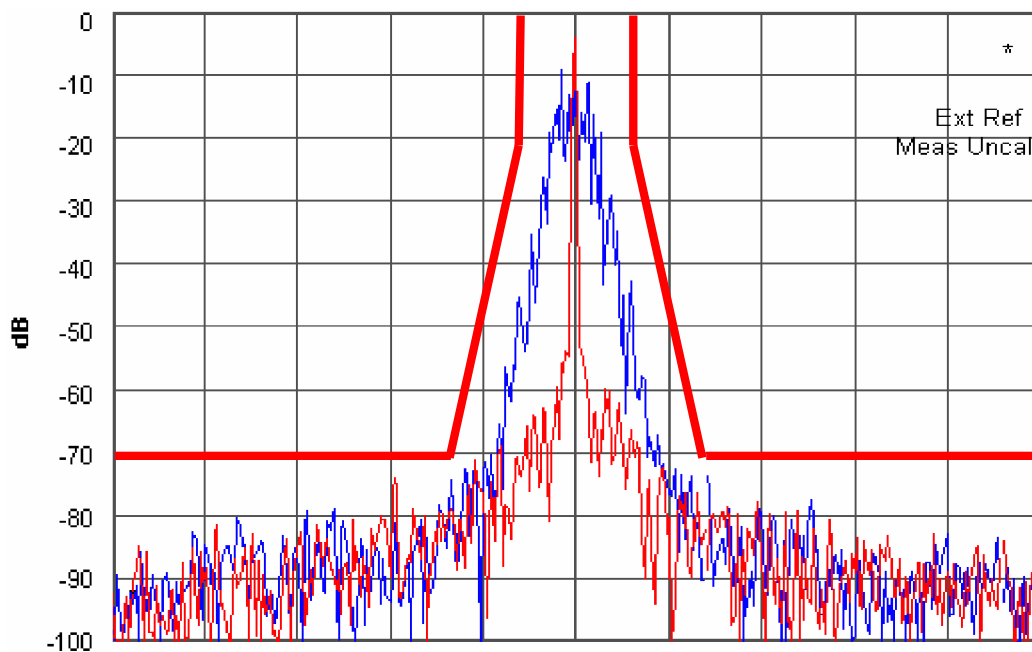
**OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, LOW SPEED TRUNKING
EMISSION MASK: D**



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

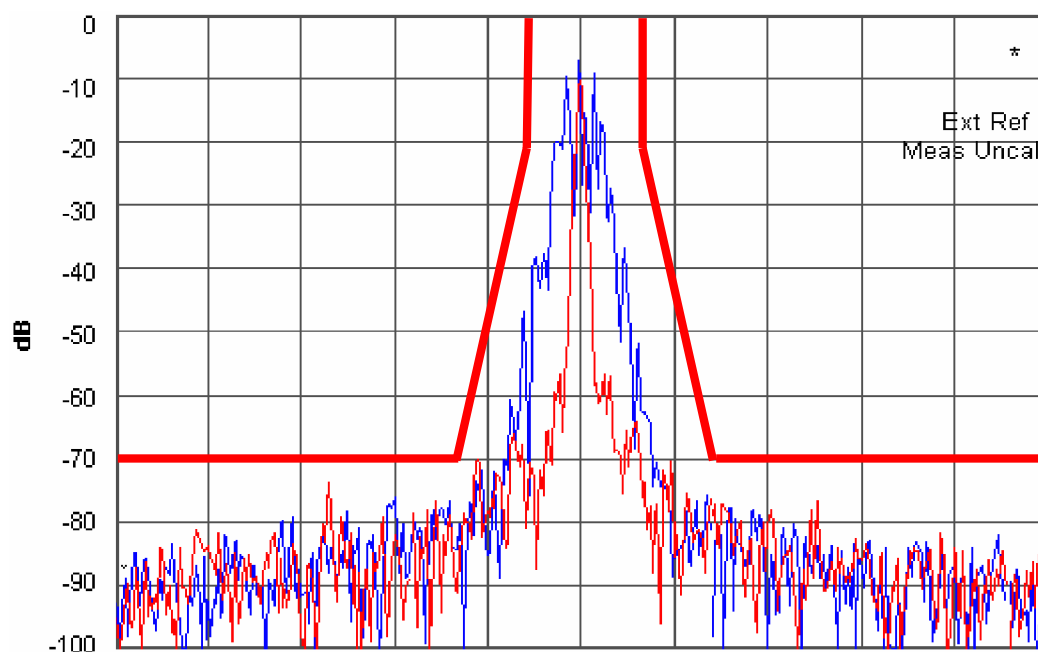
**OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, CARRIER SQUELCH
EMISSION MASK: D**



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

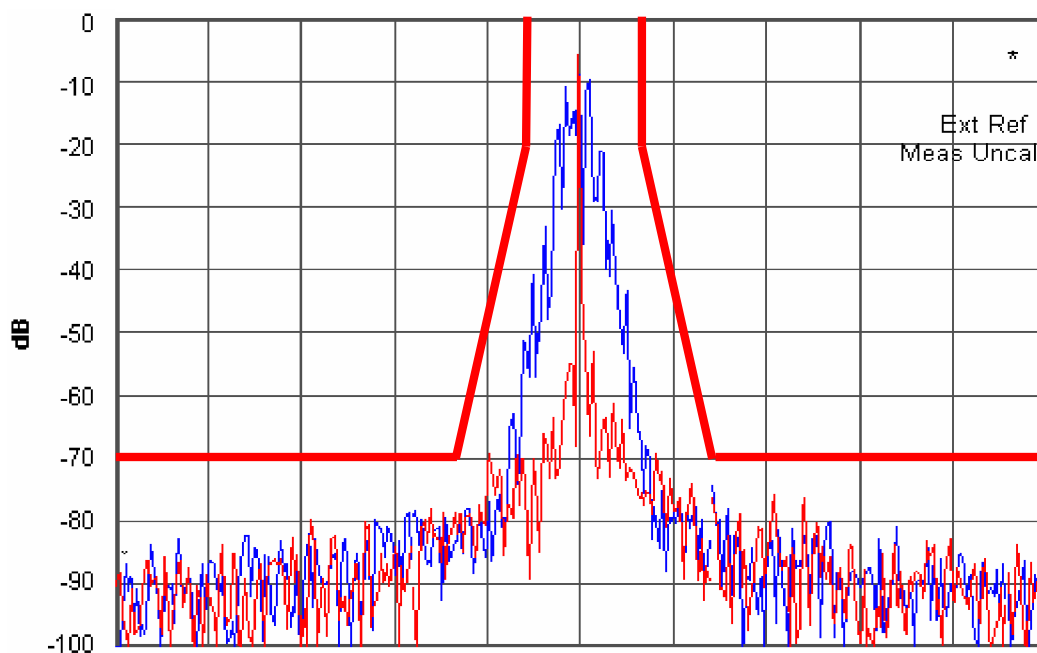
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, TPL 250.3 Hz
EMISSION MASK: D



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

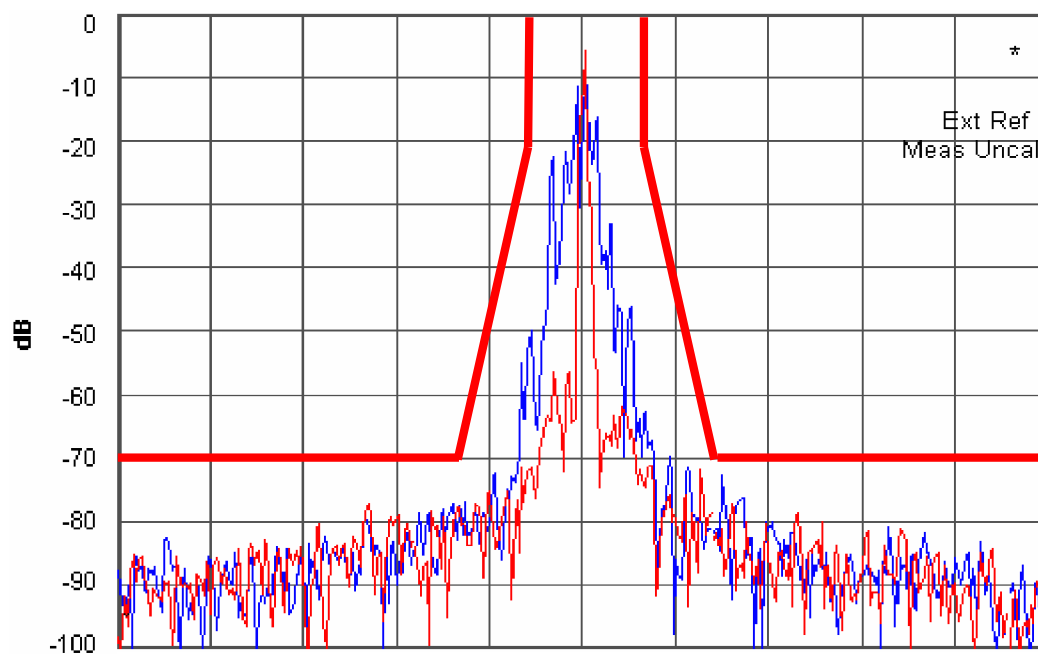
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, DPL 131
EMISSION MASK: D



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

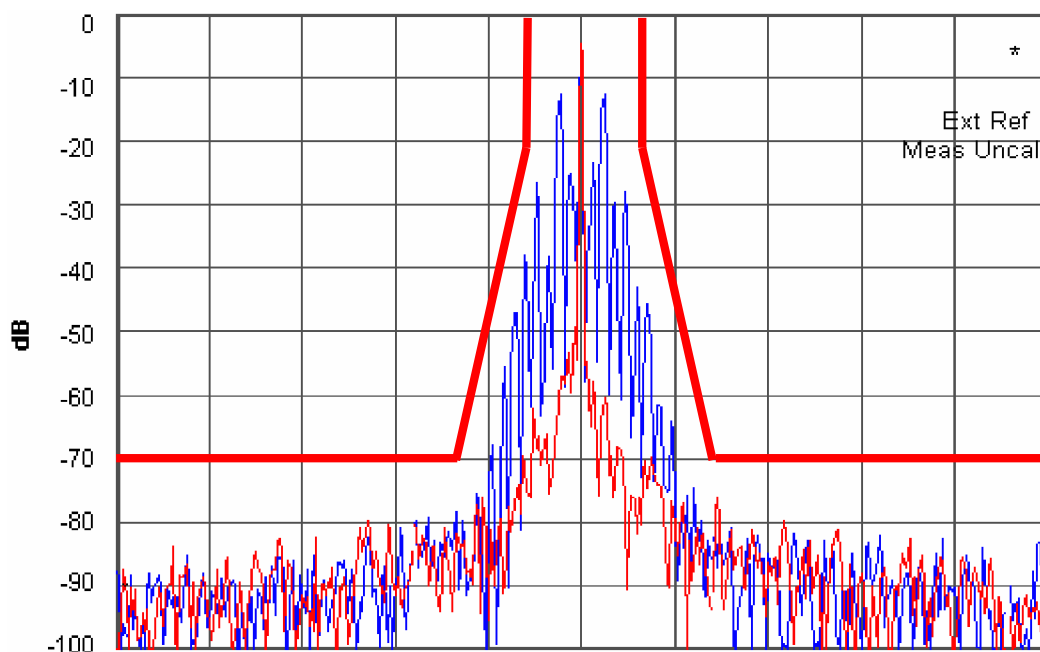
**OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, LOW SPEED TRUNKING
EMISSION MASK: D**



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

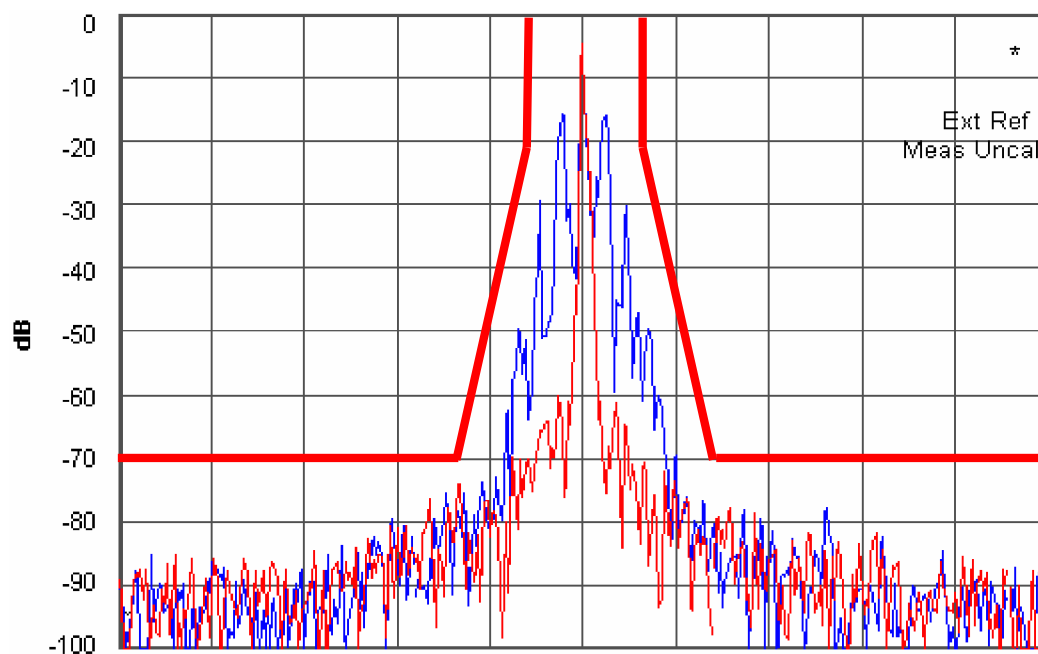
**OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, CARRIER SQUELCH
EMISSION MASK: D**



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

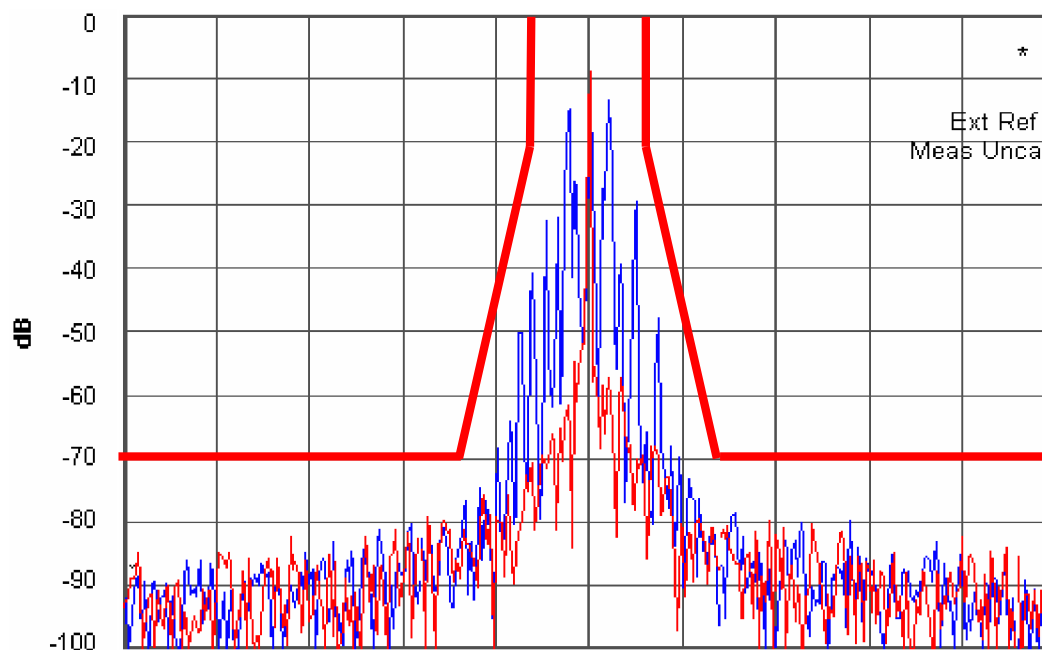
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, TPL 250.3 Hz
EMISSION MASK: D



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

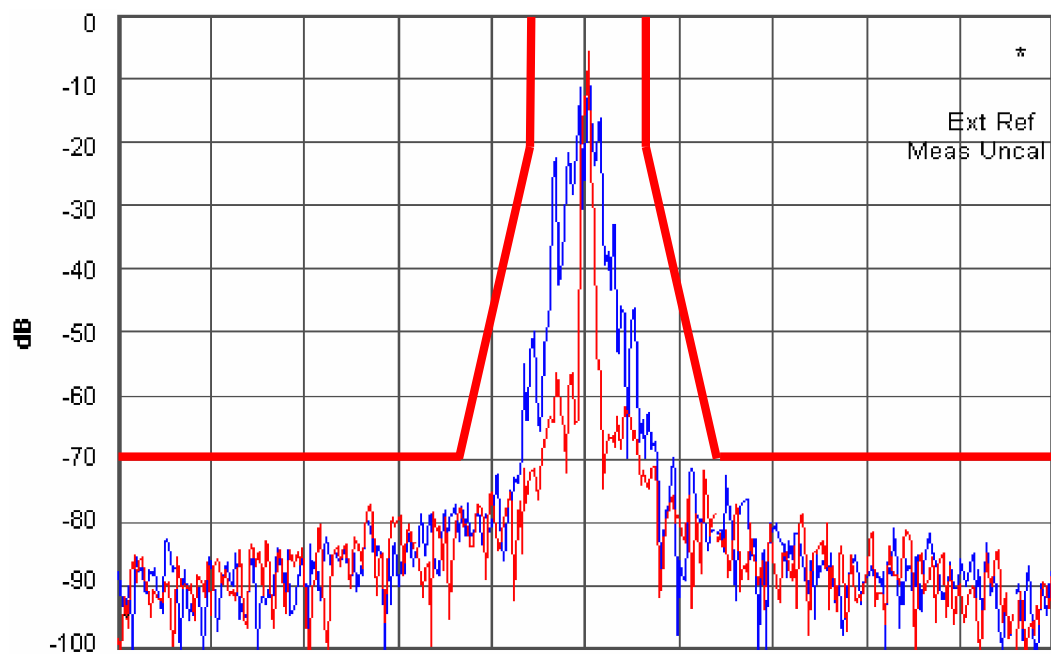
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, DPL 131
EMISSION MASK: D



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**

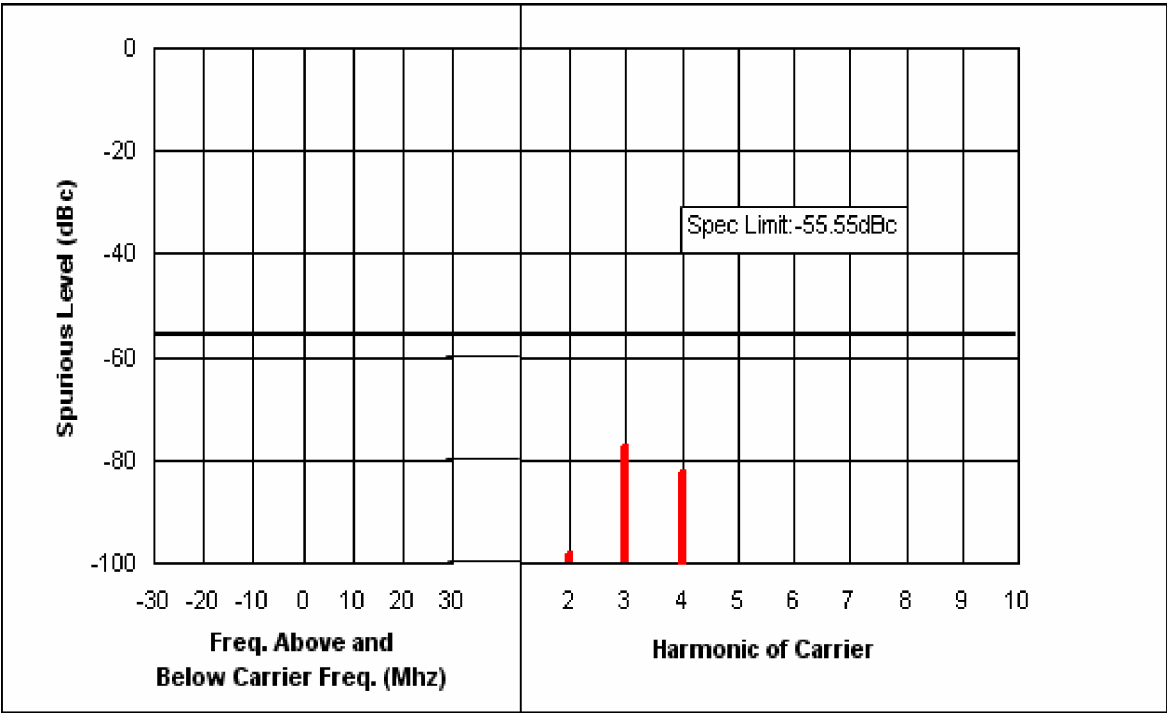


CENTER FREQUENCY:	787.5 MHz
RESOLUTION BANDWIDTH:	300 Hz
VIDEO BANDWIDTH:	3 kHz
SPAN:	100 kHz
HORIZONTAL SCALE:	10 kHz/div
SWEEP TIME:	3 Sec
VERTICAL SCALE:	10 Db/div
REFERENCE LEVEL:	0 dBm

EXHIBIT 6F-1

CONDUCTED SPURIOUS EMISSIONS
HIGH POWER, 757.500 MHz

Transmitter Type: See Above
Power Output: 18.0 W at 757.500 MHz



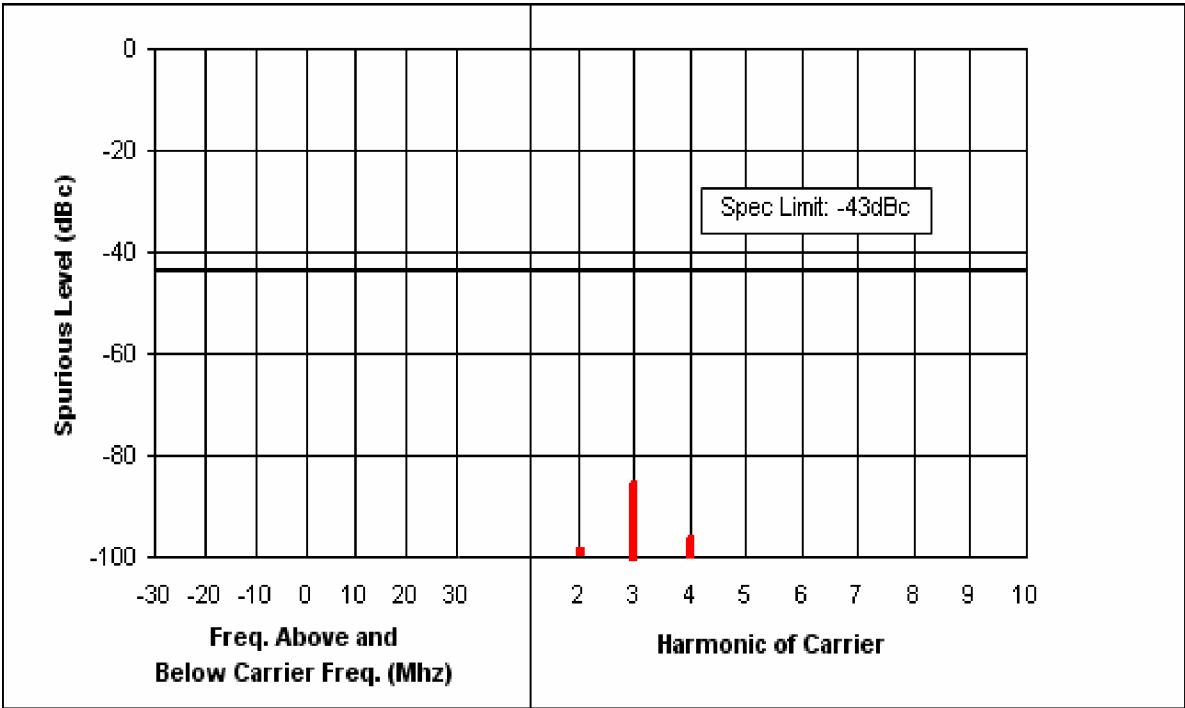
The conducted spurious level is plotted in dBc on the vertical axis.
The specification for conducted emissions is -55.55 dBc

Note: Spurs which are not shown is 44.45dB 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



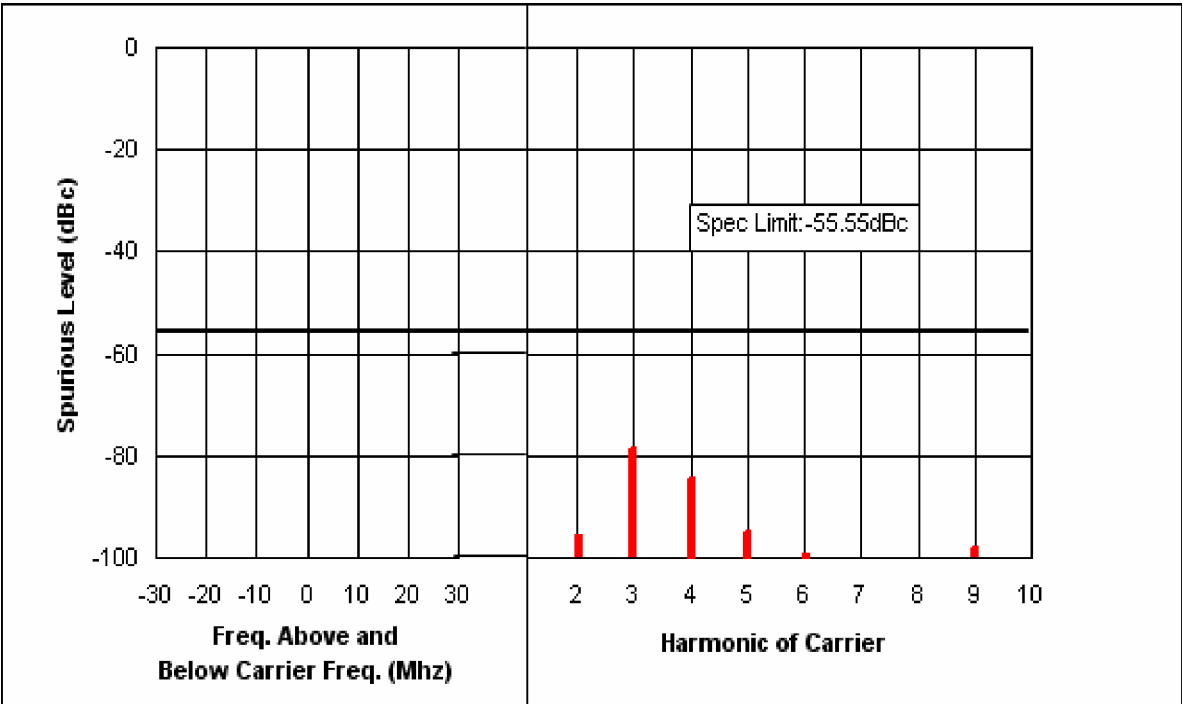
The conducted spurious level is plotted in dBc on the vertical axis.
The specification for conducted emissions is -43 dBc

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: 18.0 W at 787.500 MHz



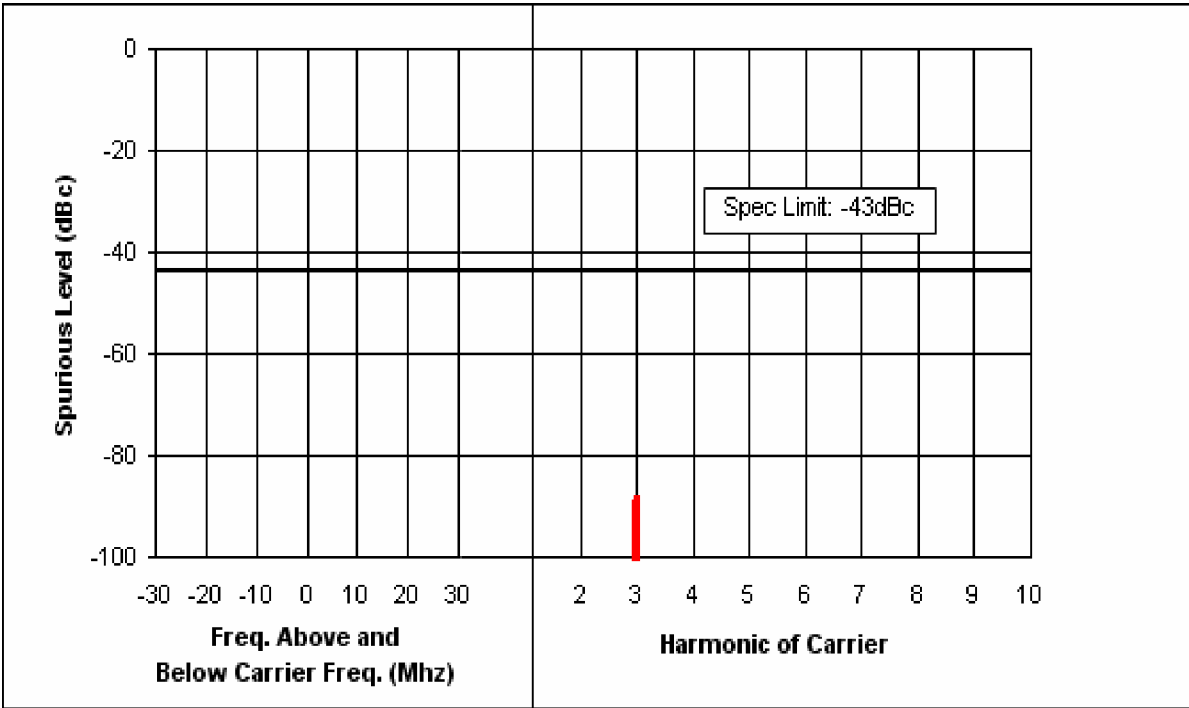
The conducted spurious level is plotted in dBc on the vertical axis.
The specification for conducted emissions is -55.55 dBc

Note: Spurs which are not shown is 44.45dB 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

RADIATED SPURIOUS EMISSIONS
757.500 MHz, HORIZONTAL & VERTICAL POLARIZATION
OUTPUT POWER = 18 WATTS

Transmit Radiated Spurious Emissions: Waris Mobile - CDM1550LS+
Tx Power: 18 Watts
757.5 MHz Channel Spacing 12.5kHz | S/N 001TGJ3586

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1515.0000	-20	-62.03	-51.18
2272.5000	-20	-54.18	-52.52
3030.0000	-20	-59.06	-54.82
3787.5000	-20	-60.11	-60.04
4545.0000	-20	*	*
5302.5000	-20	*	-56.22
6060.0000	-20	*	*
6817.5000	-20	*	*
7575.0000	-20	*	*

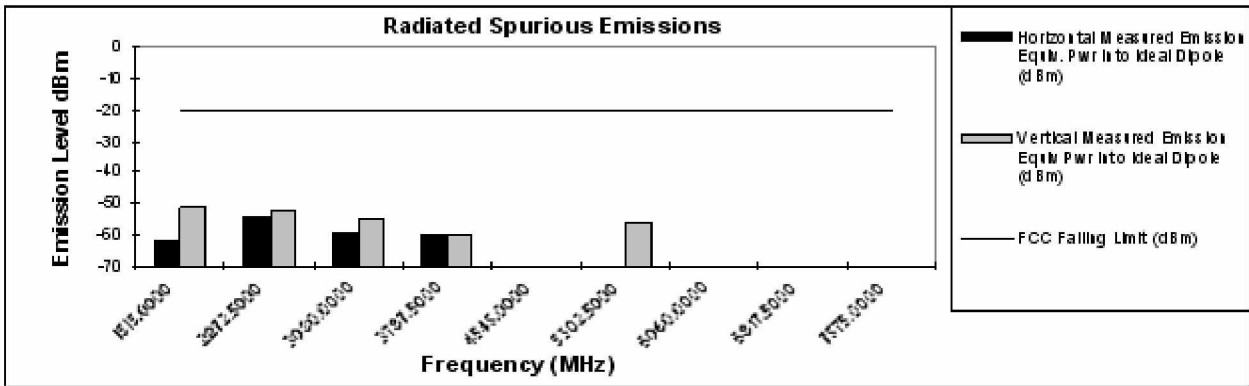


EXHIBIT 6G-2

RADIATED SPURIOUS EMISSIONS
757.500 MHz, HORIZONTAL & VERTICAL POLARIZATION
OUTPUT POWER = 1 WATT

Transmit Radiated Spurious Emissions: Waris Mobile - CDM1550LS+
Tx Power: 1 Watts
757.5 MHz Channel Spacing 12.5kHz | S/N 001TGJ3586

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1515.0000	-20	*	-68.67
2272.5000	-20	-62.09	-60.11
3030.0000	-20	*	-62.40
3787.5000	-20	*	*
4545.0000	-20	*	*
5302.5000	-20	*	*
6060.0000	-20	*	*
6817.5000	-20	*	*
7575.0000	-20	*	*

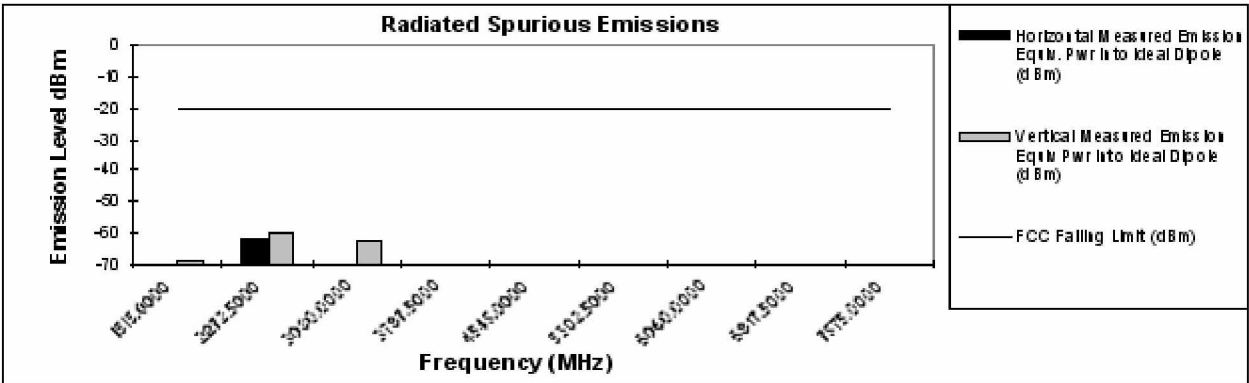


EXHIBIT 6G-3

RADIATED SPURIOUS EMISSIONS
787.500 MHz, HORIZONTAL & VERTICAL POLARIZATION
OUTPUT POWER = 18 WATTS

Transmit Radiated Spurious Emissions:700MHz Waris Mobile CDM1550LS+
Tx Power: 18 Watts
787.5 MHz Channel Spacing 12.5kHz | S/N 001TGJ3649

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1575.0000	-20	-46.64	-57.40
2362.5000	-20	-37.34	-45.23
3150.0000	-20	-62.25	-57.82
3937.5000	-20	-58.72	-52.57
4725.0000	-20	*	*
5512.5000	-20	*	-56.10
6300.0000	-20	*	*
7087.5000	-20	*	*
7875.0000	-20	*	*

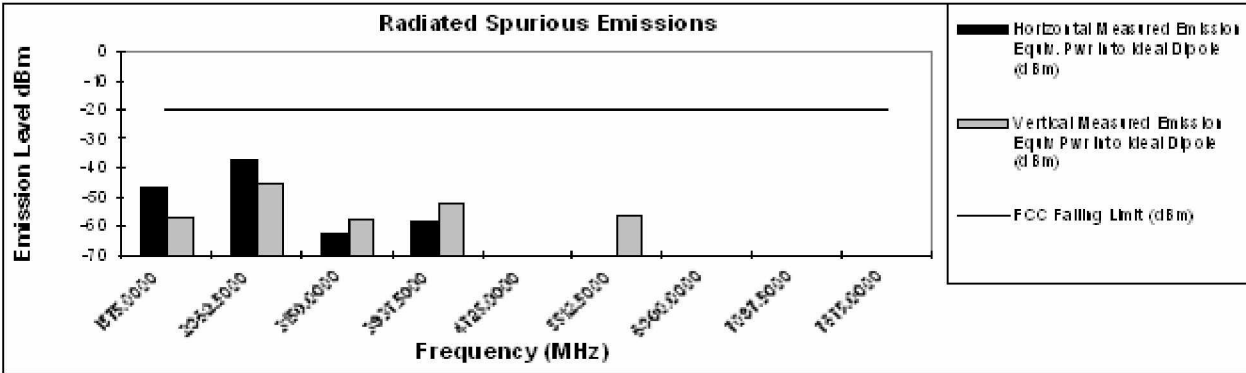


EXHIBIT 6G-4

RADIATED SPURIOUS EMISSIONS
787.500 MHz, HORIZONTAL & VERTICAL POLARIZATION
OUTPUT POWER = 1 WATT

Transmit Radiated Spurious Emissions:700MHz Waris Mobile CDM1550LS+
Tx Power: 1 Watts
787.5 MHz Channel Spacing 12.5kHz | S/N 001TGJ3649

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)
1575.0000	-20	-60.35	-68.73
2362.5000	-20	-66.36	-64.27
3150.0000	-20	*	-62.72
3937.5000	-20	*	*
4725.0000	-20	*	*
5512.5000	-20	*	*
6300.0000	-20	*	*
7087.5000	-20	*	*
7875.0000	-20	*	*

