

INDEX OF SUBMITTED MEASURED DATA

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

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EXHIBIT 6B - Transmit Audio Response (2 Graphs)

6B-1 – 12.5 kHz Channel Spacing

6B-2 – 25 kHz Channel Spacing

EXHIBIT 6C - Transmit Audio Post Limiter Lowpass Filter Response (2 Graphs)

6C-1 – 12.5 kHz Post Limiter Lowpass Filter Response

6C-2 – 25 kHz Post Limiter Lowpass Filter Response

EXHIBIT 6D - Modulation Limiting Characteristics (6 Graphs)

6D-1 – 12.5 kHz Carrier Squelch Mode

6D-2 – 12.5 kHz Tone Private Line (CTCSS) Mode

6D-3 – 12.5 kHz Digital Private Line (CDCSS) Mode

6D-4 – 25 kHz Carrier Squelch Mode

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6D-6 – 25 kHz Digital Private Line (CDCSS) Mode

INDEX OF SUBMITTED MEASURED DATA (CONTINUED)

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6E-2 – 25 kHz CHANNEL SPACING, 2500 Hz TONE, TPL 250.3 Hz, EMISSION MASK: B
6E-3 – 25 kHz CHANNEL SPACING, 2500 Hz TONE, DPL 131, EMISSION MASK: B
6E-4 – 25 kHz CHANNEL SPACING, 2000/3000 Hz FSK, CARRIER SQUELCH, EMISSION MASK: B
6E-5 – 25 kHz CHANNEL SPACING, 2000/3000 Hz FSK, TPL 250.3 Hz, EMISSION MASK: B
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6E-7 – 25 kHz CHANNEL SPACING, DTMF MODULATION, CARRIER SQUELCH, EMISSION MASK: B
6E-8 – 25 kHz CHANNEL SPACING, DTMF MODULATION, TPL 250.3 Hz, EMISSION MASK: B
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6E-10 – 12.5 kHz CHANNEL SPACING, 2500 Hz TONE, CARRIER SQUELCH, EMISSION MASK: D
6E-11 – 12.5 kHz CHANNEL SPACING, 2500 Hz TONE, TPL 250.3 Hz, EMISSION MASK: D
6E-12 – 12.5 kHz CHANNEL SPACING, 2500 Hz TONE, DPL 131, EMISSION MASK: D
6E-13 – 12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, CARRIER SQUELCH, EMISSION MASK: D
6E-14 – 12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, TPL 250.3 Hz, EMISSION MASK: D
6E-15 – 12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, DPL 131, EMISSION MASK: D
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6E-17 – 12.5 kHz CHANNEL SPACING, DTMF MODULATION, TPL 250.3 Hz, EMISSION MASK: D
6E-18 – 12.5 kHz CHANNEL SPACING, DTMF MODULATION, DPL 131, EMISSION MASK: D
6E-19 – 12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Voice Modulation (7K60FXD), EMISSION MASK: D
6E-20 – 12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Data Modulation (7K60FXD), EMISSION MASK: D
6E-21 – 12.5 kHz CHANNEL SPACING, APCO25 Digital Voice (8K10F1E), EMISSION MASK: D
6E-22 – 12.5 kHz CHANNEL SPACING, APCO25 Digital Data (8K10F1D), EMISSION MASK: D
6E-23 – 12.5 kHz CHANNEL SPACING, 2500 Hz TONE, CARRIER SQUELCH, EMISSION MASK: I
6E-24 – 12.5 kHz CHANNEL SPACING, 2500 Hz TONE, CARRIER SQUELCH, EMISSION MASK: J
6E-25 – 12.5 kHz CHANNEL SPACING, 2500 Hz TONE, TPL 250.3 Hz, EMISSION MASK: I
6E-26 – 12.5 kHz CHANNEL SPACING, 2500 Hz TONE, TPL 250.3 Hz, EMISSION MASK: J
6E-27 – 12.5 kHz CHANNEL SPACING, 2500 Hz TONE, DPL 131, EMISSION MASK: I
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6E-29 – 12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, CARRIER SQUELCH, EMISSION MASK: I
6E-30 – 12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, CARRIER SQUELCH, EMISSION MASK: J
6E-31 – 12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, TPL 250.3 Hz, EMISSION MASK: I
6E-32 – 12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, TPL 250.3 Hz, EMISSION MASK: J
6E-33 – 12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, DPL 131, EMISSION MASK: I
6E-34 – 12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, DPL 131, EMISSION MASK: J
6E-35 – 12.5 kHz CHANNEL SPACING, DTMF MODULATION, CARRIER SQUELCH, EMISSION MASK: I
6E-36 – 12.5 kHz CHANNEL SPACING, DTMF MODULATION, CARRIER SQUELCH, EMISSION MASK: J
6E-37 – 12.5 kHz CHANNEL SPACING, DTMF MODULATION, TPL 250.3 Hz, EMISSION MASK: I
6E-38 – 12.5 kHz CHANNEL SPACING, DTMF MODULATION, TPL 250.3 Hz, EMISSION MASK: J
6E-39 – 12.5 kHz CHANNEL SPACING, DTMF MODULATION, DPL 131, EMISSION MASK: I
6E-40 – 12.5 kHz CHANNEL SPACING, DTMF MODULATION, DPL 131, EMISSION MASK: J
6E-41 – 12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Voice Modulation (7K60FXD), EMISSION MASK: I
6E-42 – 12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Voice Modulation (7K60FXD), EMISSION MASK: J
6E-43 – 12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Data Modulation (7K60FXD), EMISSION MASK: I
6E-44 – 12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Data Modulation (7K60FXD), EMISSION MASK: J
6E-45 – 12.5 kHz CHANNEL SPACING, APCO25 Digital Voice (8K10F1E), EMISSION MASK: I
6E-46 – 12.5 kHz CHANNEL SPACING, APCO25 Digital Voice (8K10F1E), EMISSION MASK: J
6E-47 – 12.5 kHz CHANNEL SPACING, APCO25 Digital Data (8K10F1D), EMISSION MASK: I
6E-48 – 12.5 kHz CHANNEL SPACING, APCO25 Digital Data (8K10F1D), EMISSION MASK: J
6E-49 – 12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Voice Modulation (7K60FXD), EMISSION MASK: 24.133
6E-50 – 12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Data Modulation (7K60FXD), EMISSION MASK: 24.133
6E-51 – 12.5 kHz CHANNEL SPACING, 3600 Bauds Trunking Data (11K0F1D), EMISSION MASK: J
6E-52 – 12.5 kHz CHANNEL SPACING, 3600 Bauds Trunking Data (11K0F1D), EMISSION MASK: D
6E-53 – 25 kHz CHANNEL SPACING, 3600 Bauds Trunking Data (16K0F1D), EMISSION MASK: G

EXHIBIT 6F - Conducted Spurious Emissions (Graph)**INDEX OF SUBMITTED MEASURED DATA (CONTINUED)**

EXHIBIT 6G – Radiated Spurious Emissions – (60 Graphs)

6G-1 – 42 Watts, 806.0125 MHz, 25 kHz
6G-2 – 42 Watts, 815.0125 MHz, 25 kHz
6G-3 – 42 Watts, 823.9875 MHz, 25 kHz
6G-4 – 42 Watts, 851.0125 MHz, 25 kHz
6G-5 – 42 Watts, 860.0125 MHz, 25 kHz
6G-6 – 42 Watts, 868.9875 MHz, 25 kHz
6G-7 – 42 Watts, 806.0125 MHz, 12.5 kHz
6G-8 – 42 Watts, 815.0125 MHz, 12.5 kHz
6G-9 – 42 Watts, 823.9875 MHz, 12.5 kHz
6G-10 – 42 Watts, 851.0125 MHz, 12.5 kHz
6G-11 – 42 Watts, 860.0125 MHz, 12.5 kHz
6G-12 – 42 Watts, 868.9875 MHz, 12.5 kHz
6G-13 – 10 Watts, 806.0125 MHz, 25 kHz
6G-14 – 10 Watts, 815.0125 MHz, 25 kHz
6G-15 – 10 Watts, 823.9875 MHz, 25 kHz
6G-16 – 10 Watts, 851.0125 MHz, 25 kHz
6G-17 – 10 Watts, 860.0125 MHz, 25 kHz
6G-18 – 10 Watts, 868.9875 MHz, 25 kHz
6G-19 – 10 Watts, 806.0125 MHz, 12.5 kHz
6G-20 – 10 Watts, 815.0125 MHz, 12.5 kHz
6G-21 – 10 Watts, 823.9875 MHz, 12.5 kHz
6G-22 – 10 Watts, 851.0125 MHz, 12.5 kHz
6G-23 – 10 Watts, 860.0125 MHz, 12.5 kHz
6G-24 – 10 Watts, 868.9875 MHz, 12.5 kHz
6G-25 – 42 Watts, 806.0125 MHz APCO, 12.5 kHz
6G-26 – 42 Watts, 815.0125 MHz APCO, 12.5 kHz
6G-27 – 42 Watts, 823.9875 MHz APCO, 12.5 kHz
6G-28 – 42 Watts, 851.0125 MHz APCO, 12.5 kHz
6G-29 – 42 Watts, 860.0125 MHz APCO, 12.5 kHz
6G-30 – 42 Watts, 868.9875 MHz APCO, 12.5 kHz
6G-31 – 10 Watts, 806.0125 MHz APCO, 12.5 kHz
6G-32 – 10 Watts, 815.0125 MHz APCO, 12.5 kHz
6G-33 – 10 Watts, 823.9875 MHz APCO, 12.5 kHz
6G-34 – 10 Watts, 851.0125 MHz APCO, 12.5 kHz
6G-35 – 10 Watts, 860.0125 MHz APCO, 12.5 kHz
6G-36 – 10 Watts, 868.9875 MHz APCO, 12.5 kHz
6G-37 – 36 Watts, 896.0125 MHz, 12.5 kHz
6G-38 – 36 Watts, 898.0125 MHz, 12.5 kHz
6G-39 – 36 Watts, 900.9875 MHz, 12.5 kHz
6G-40 – 36 Watts, 935.0125 MHz, 12.5 kHz
6G-41 – 36 Watts, 937.0125 MHz, 12.5 kHz
6G-42 – 36 Watts, 939.9875 MHz, 12.5 kHz
6G-43 – 10 Watts, 896.0125 MHz, 12.5 kHz
6G-44 – 10 Watts, 898.0125 MHz, 12.5 kHz
6G-45 – 10 Watts, 900.9875 MHz, 12.5 kHz
6G-46 – 10 Watts, 935.0125 MHz, 12.5 kHz
6G-47 – 10 Watts, 937.0125 MHz, 12.5 kHz
6G-48 – 10 Watts, 939.9875 MHz, 12.5 kHz
6G-49 – 36 Watts, 896.0125 MHz APCO, 12.5 kHz
6G-50 – 36 Watts, 898.0125 MHz APCO, 12.5 kHz
6G-51 – 36 Watts, 900.9875 MHz APCO, 12.5 kHz

INDEX OF SUBMITTED MEASURED DATA (CONTINUED)

6G-52 – 36 Watts, 935.0125 MHz APCO, 12.5 kHz
6G-53 – 36 Watts, 937.0125 MHz APCO, 12.5 kHz
6G-54 – 36 Watts, 939.9875 MHz APCO, 12.5 kHz
6G-55 – 10 Watts, 896.0125 MHz APCO, 12.5 kHz
6G-56 – 10 Watts, 898.0125 MHz APCO, 12.5 kHz
6G-57 – 10 Watts, 900.9875 MHz APCO, 12.5 kHz
6G-58 – 10 Watts, 935.0125 MHz APCO, 12.5 kHz
6G-59 – 10 Watts, 937.0125 MHz APCO, 12.5 kHz
6G-60 – 10 Watts, 939.9875 MHz APCO, 12.5 kHz

EXHIBIT 6H – Frequency Stability (2 Graphs)

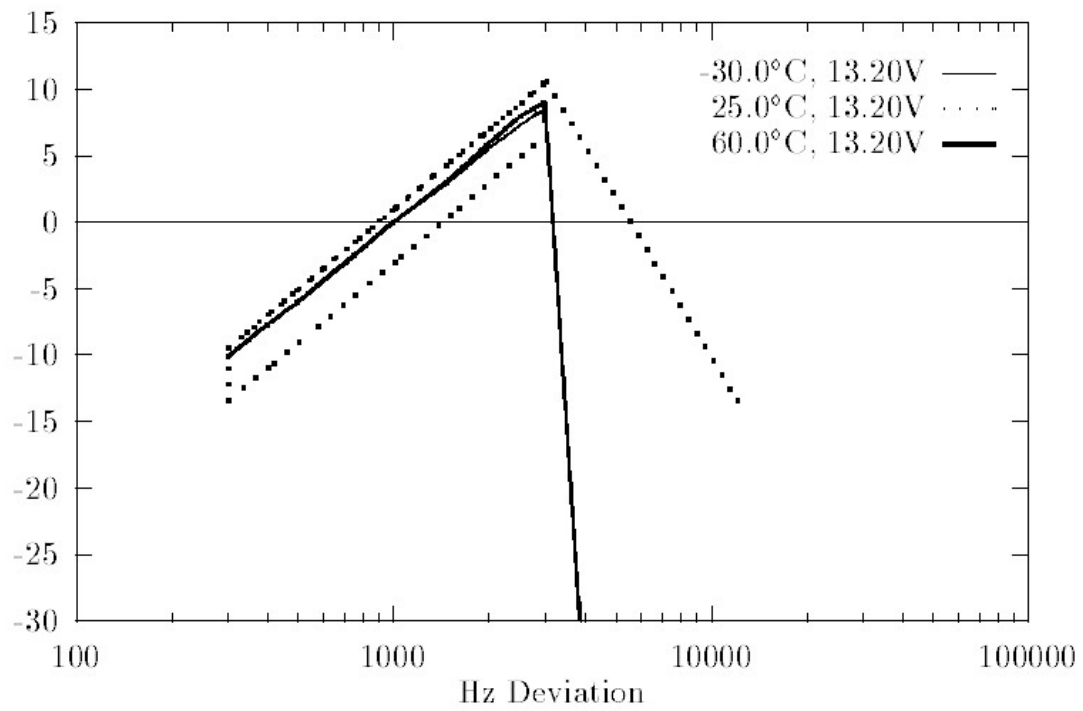
6H-1 – Frequency Stability vs. Temperature
6H-2 – Frequency Stability vs. Voltage

RF OUTPUT DATA

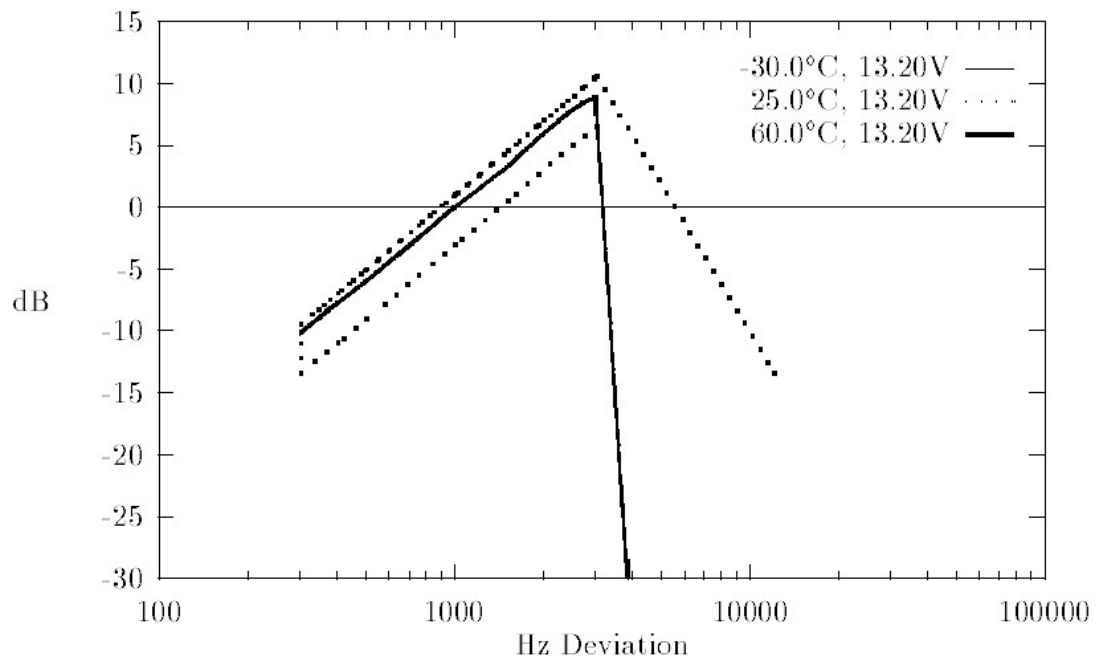
The RF power output was measured with the indicated voltage applied to and current into the radio, pursuant to 47 CFR 2.1033(c)(8) and 2.1046.

RF Frequency (MHz)	RF Output Power (W)	DC Radio Input Voltage (V)	DC Radio Input Current (A)	DC Radio Input Power (W)
806.0125	42	13.6	7.75	105.40
806.0125	10	13.6	4.03	54.81
815.0125	42	13.6	7.75	105.40
815.0125	10	13.6	4.06	55.22
823.9875	42	13.6	7.81	106.22
823.9875	10	13.6	4.15	56.44
851.0125	42	13.6	7.70	104.72
851.0125	10	13.6	4.21	57.26
860.0125	42	13.6	7.46	101.46
860.0125	10	13.6	4.14	56.30
868.9875	42	13.6	7.25	98.60
868.9875	10	13.6	4.04	54.94
896.0125	36	13.6	6.25	85.00
896.0125	10	13.6	4.26	57.98
898.0125	36	13.6	6.25	85.00
898.0125	10	13.6	4.24	57.64
900.9875	36	13.6	6.31	85.82
900.9875	10	13.6	4.25	57.80
901.5125	9	13.6	2.85	38.76
935.0125	36	13.6	6.55	89.08
935.0125	10	13.6	4.45	60.52
937.0125	36	13.6	6.56	89.22
937.0125	10	13.6	4.45	60.52
939.9875	36	13.6	6.60	89.76
939.9875	10	13.6	4.48	60.86
940.5125	9	13.6	3.05	41.48

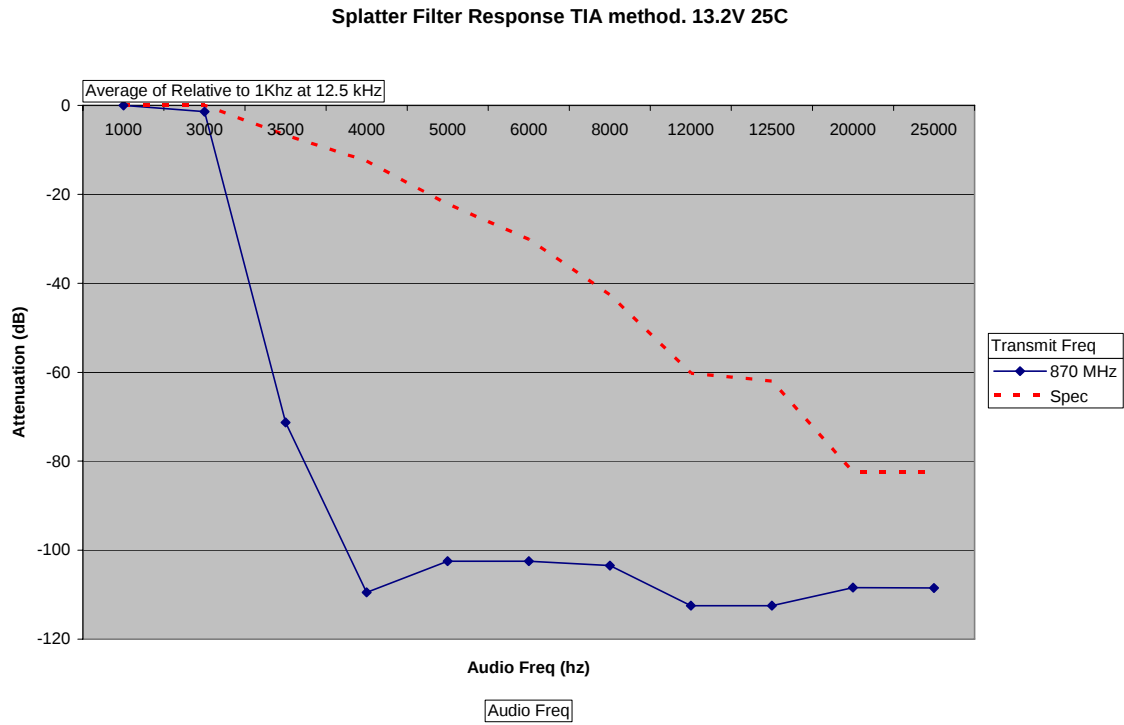
TRANSMIT AUDIO RESPONSE
12.5 kHz CHANNEL SPACING



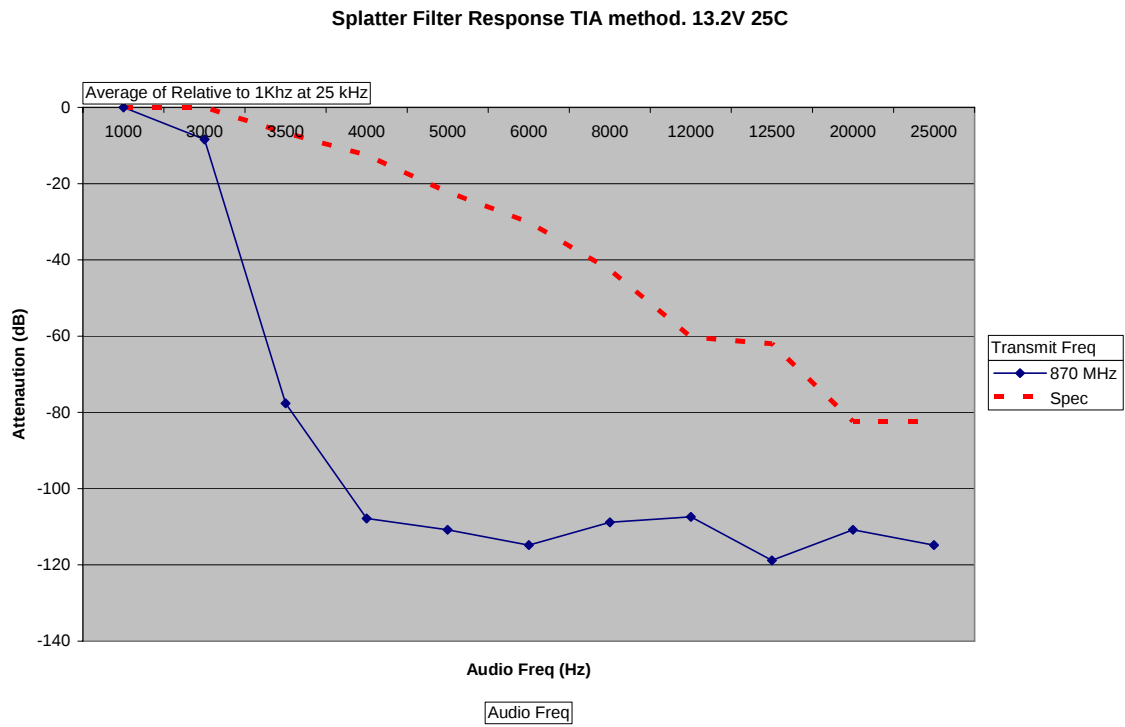
TRANSMIT AUDIO RESPONSE
25 kHz CHANNEL SPACING



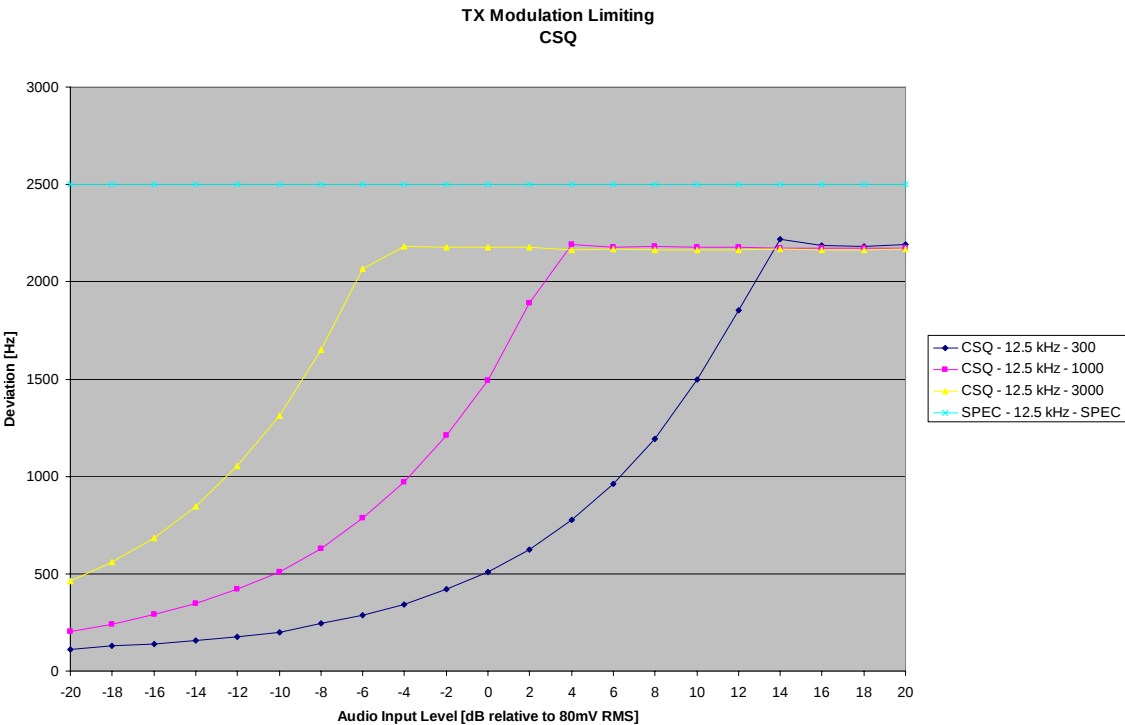
12.5 kHz POST-LIMITER LOWPASS FILTER RESPONSE



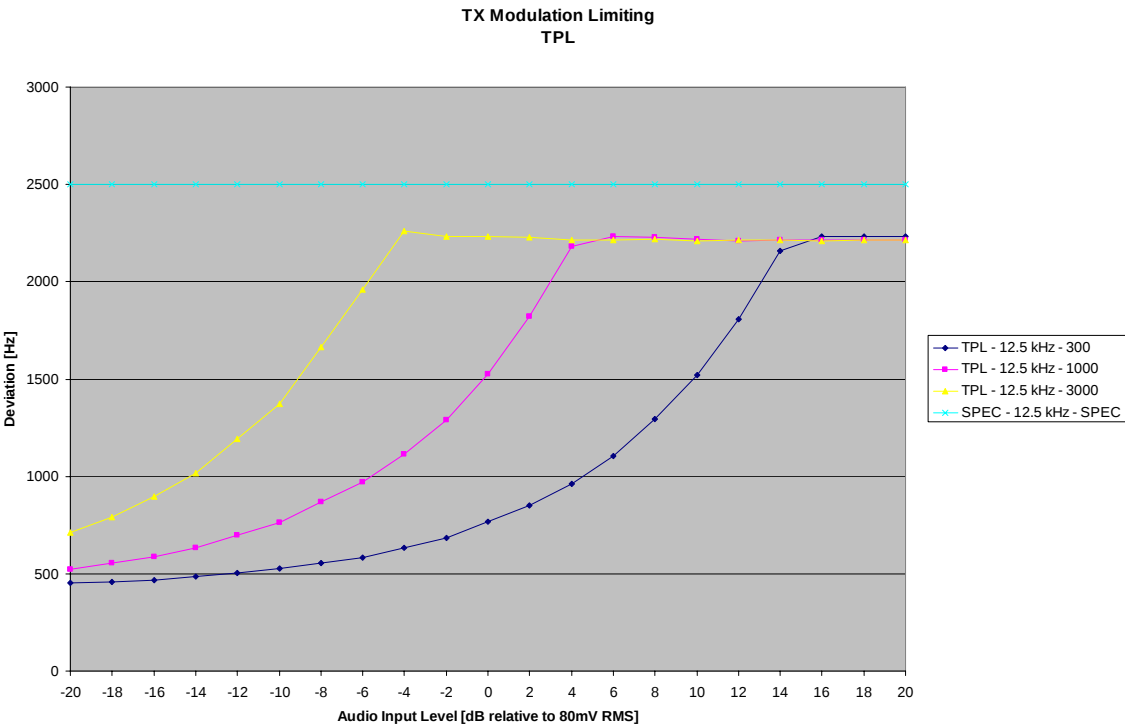
25 kHz POST-LIMITER LOWPASS FILTER RESPONSE



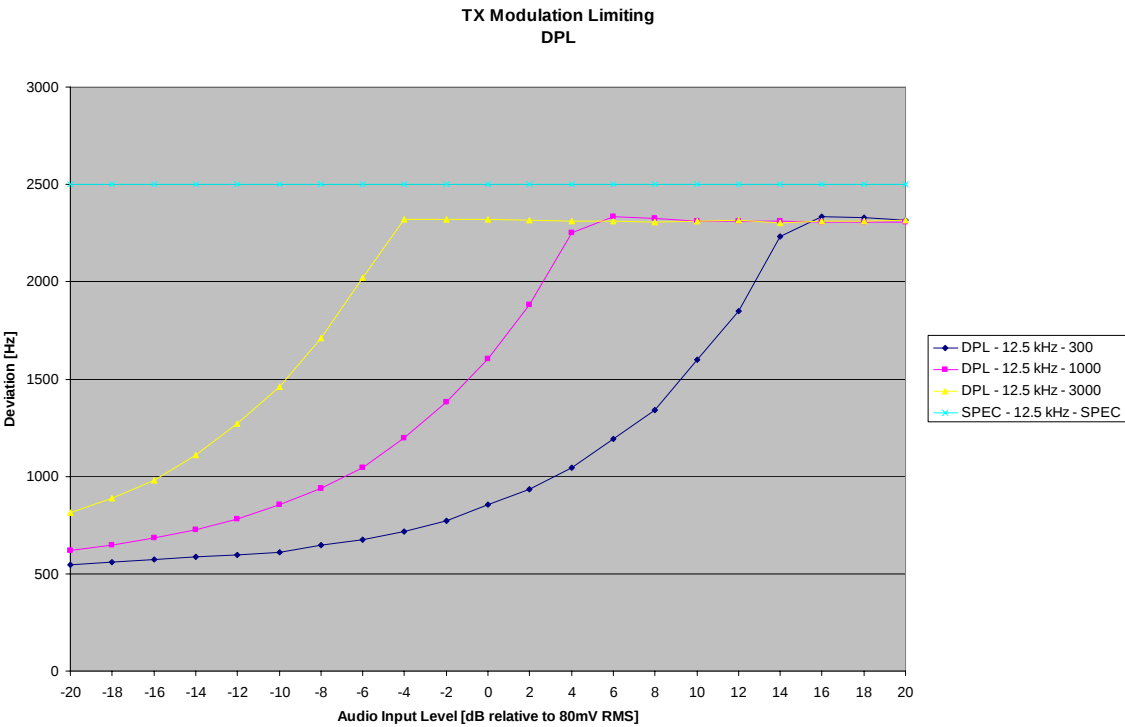
MODULATION LIMITING CHARACTERISTIC
12.5 kHz CARRIER SQUELCH MODE



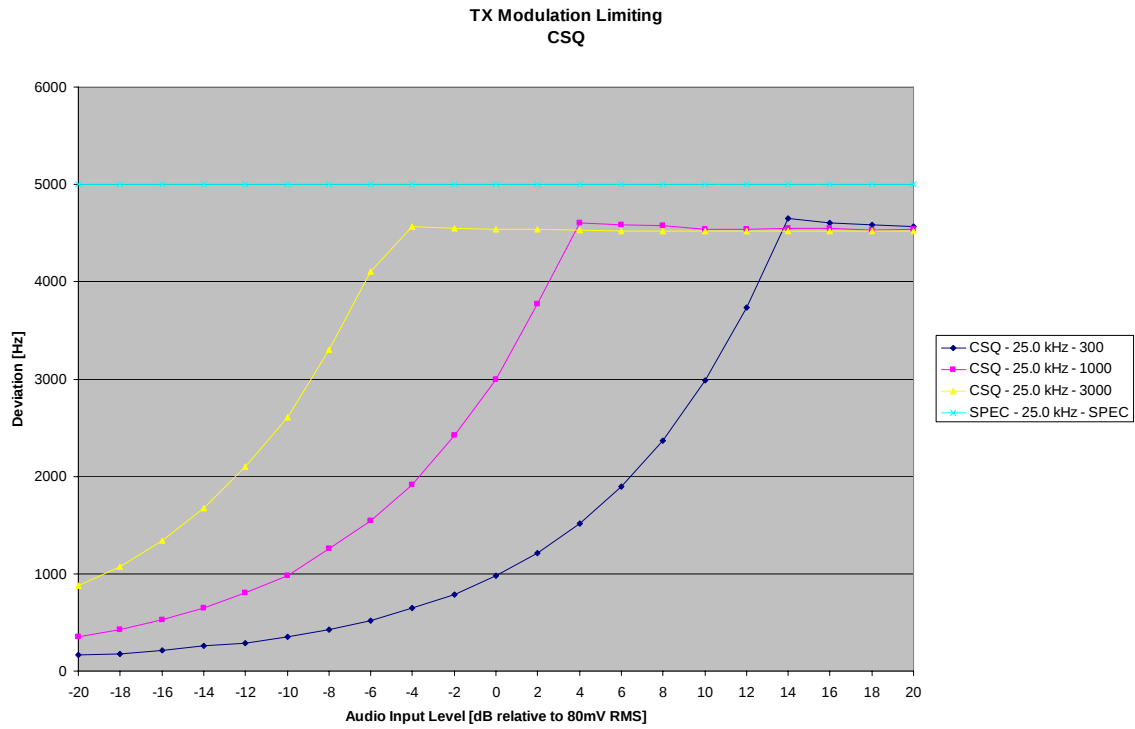
MODULATION LIMITING CHARACTERISTIC
12.5 kHz TONE PL MODE



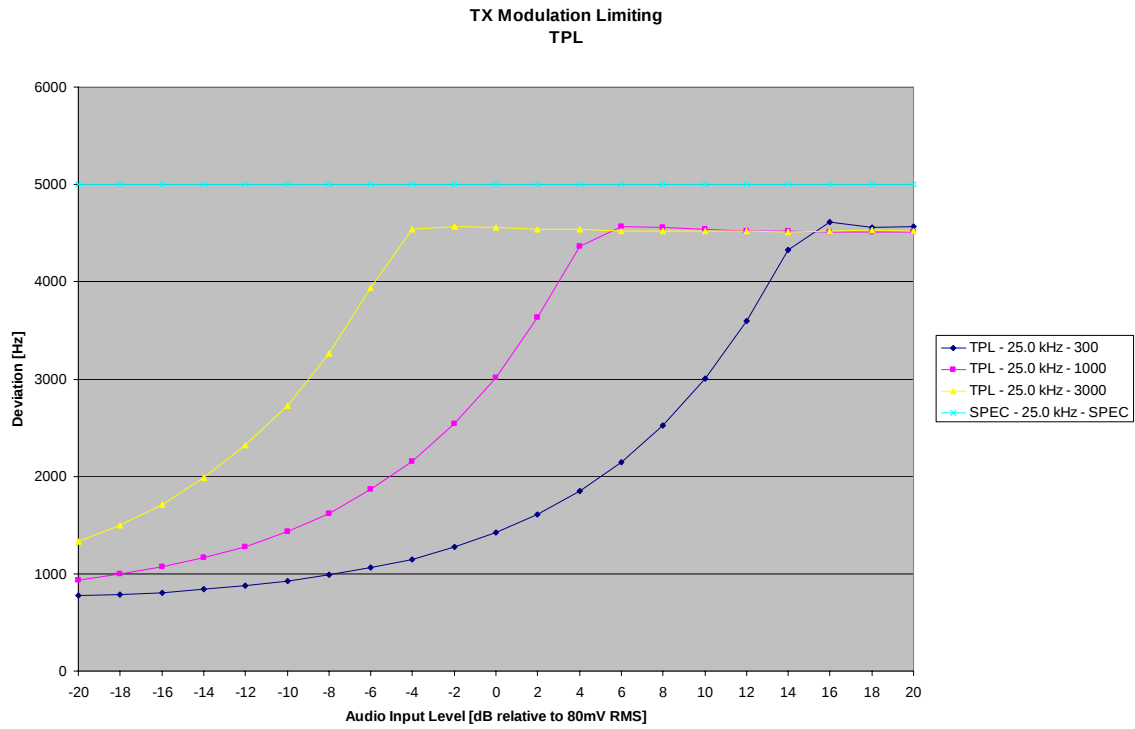
MODULATION LIMITING CHARACTERISTIC
12.5 kHz DPL MODE



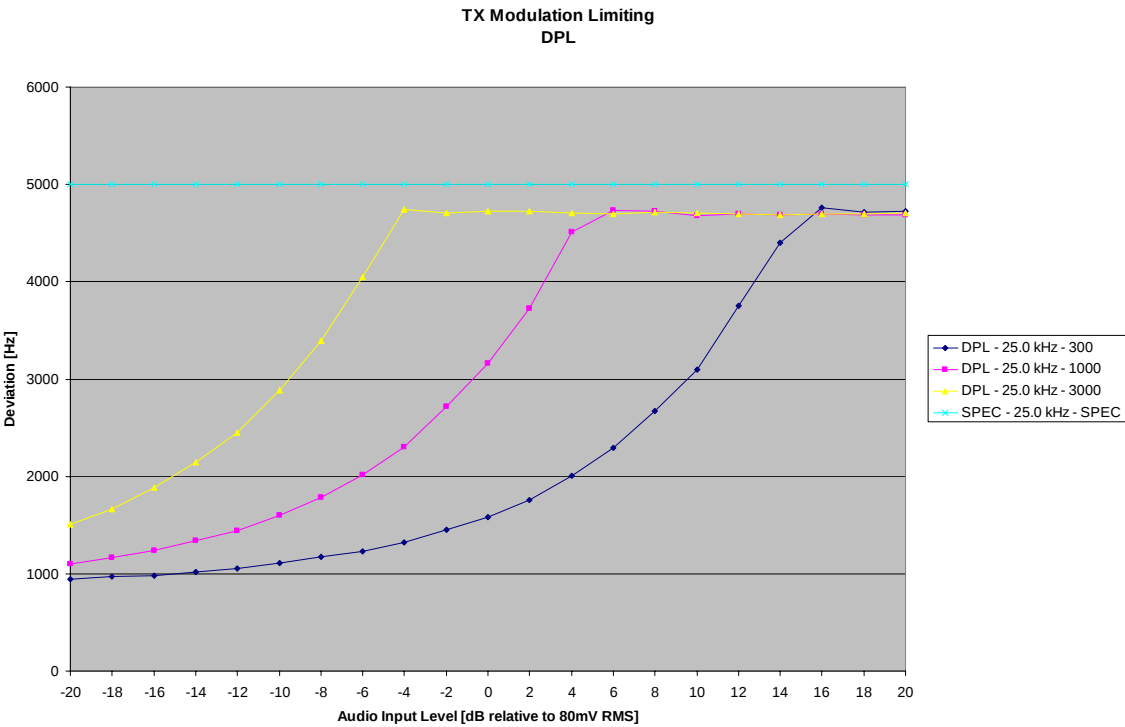
**MODULATION LIMITING CHARACTERISTIC
25 kHz CARRIER SQUELCH MODE**



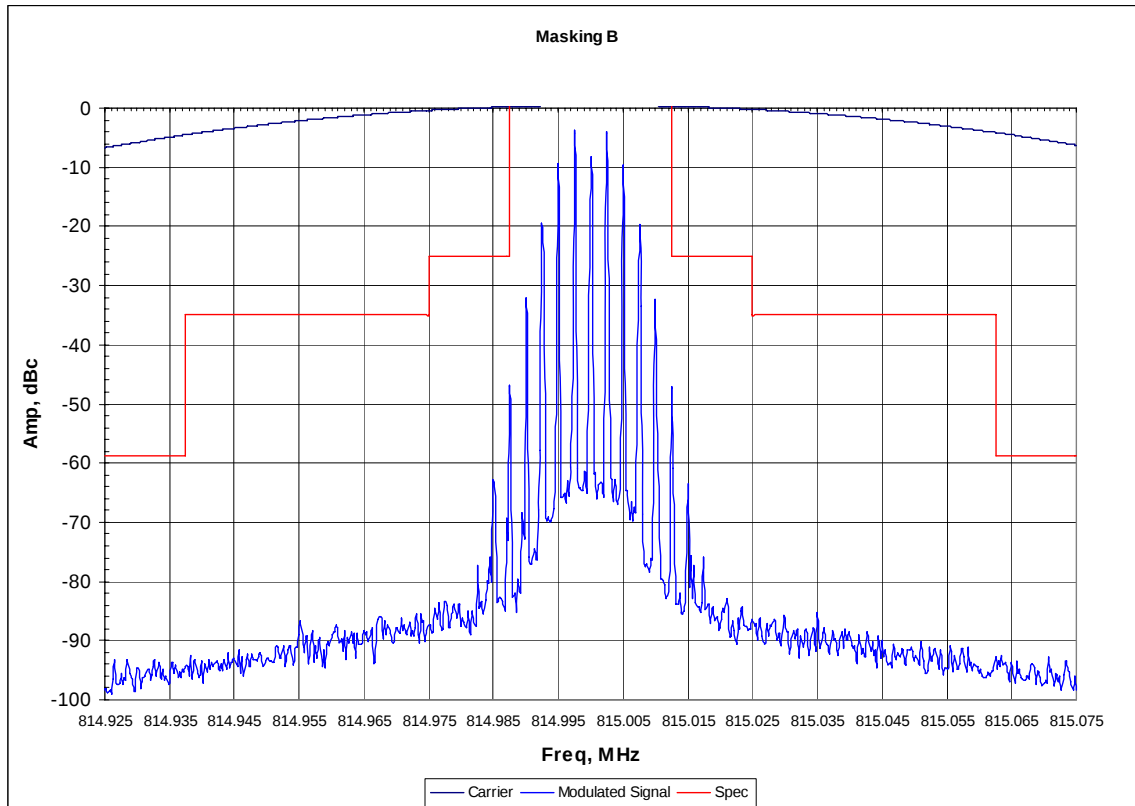
**MODULATION LIMITING CHARACTERISTIC
25 kHz TONE PL MODE**



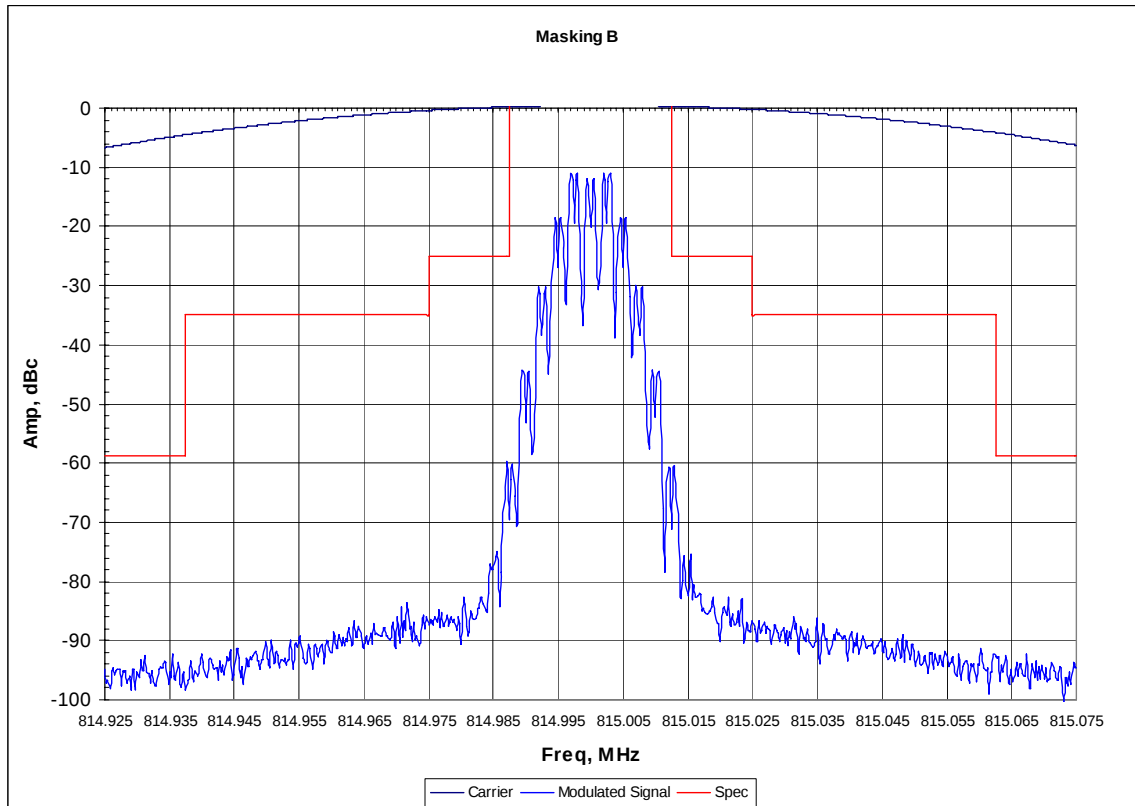
MODULATION LIMITING CHARACTERISTIC
25 kHz DPL MODE



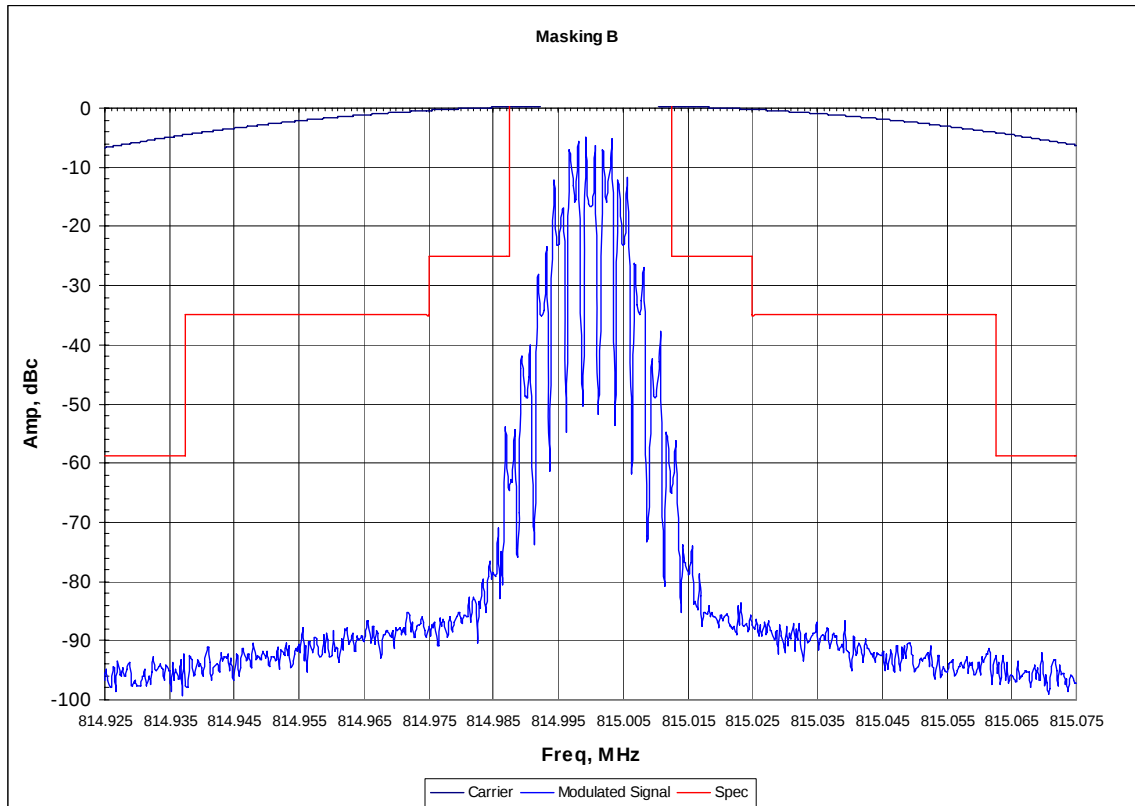
OCCUPIED BANDWIDTH MEASUREMENT FOR
25 kHz CHANNEL SPACING, 2500 Hz TONE, CARRIER SQUELCH
EMISSION MASK: B



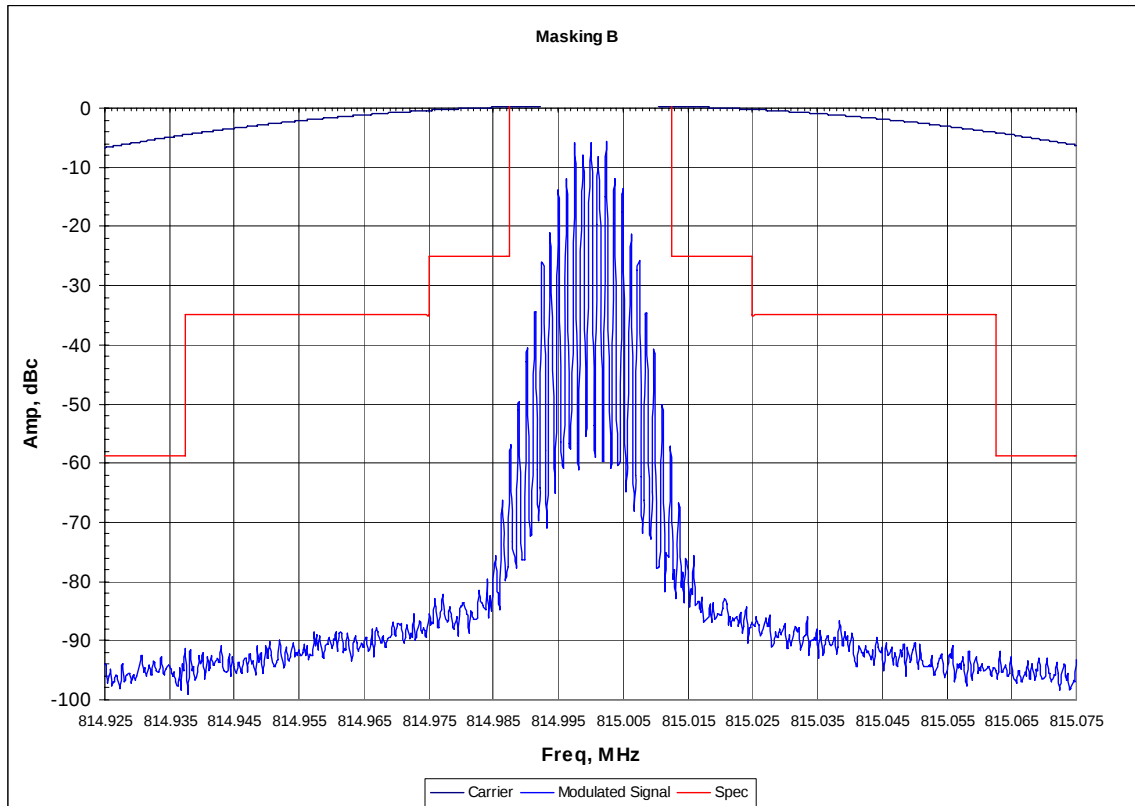
OCCUPIED BANDWIDTH MEASUREMENT FOR
25 kHz CHANNEL SPACING, 2500 Hz TONE, TPL 250.3 Hz
EMISSION MASK: B



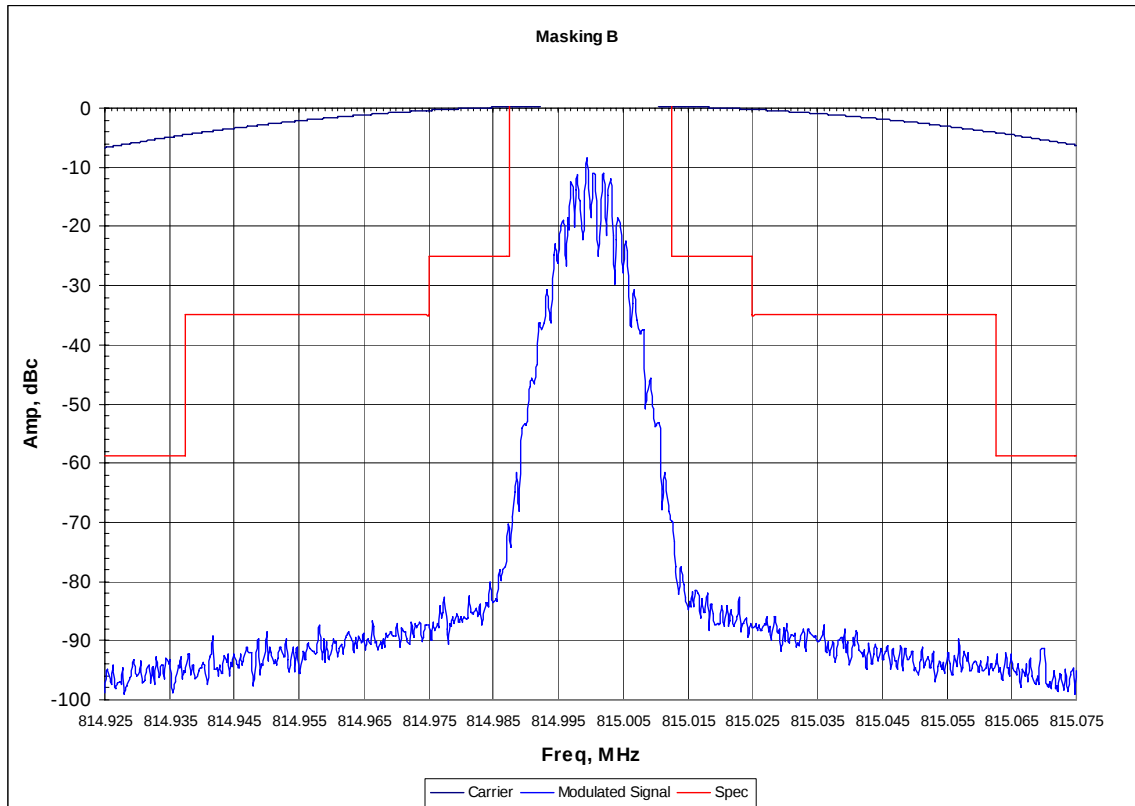
OCCUPIED BANDWIDTH MEASUREMENT FOR
25 kHz CHANNEL SPACING, 2500 Hz TONE, DPL 131
EMISSION MASK: B



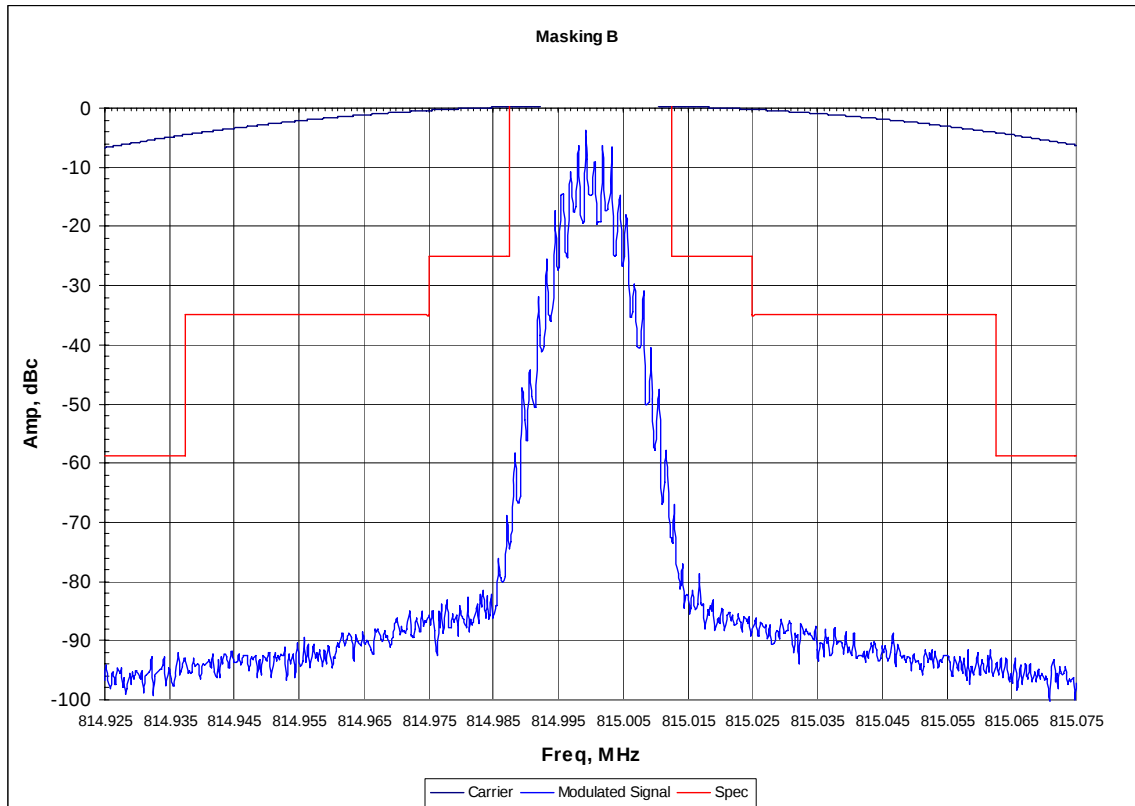
OCCUPIED BANDWIDTH MEASUREMENT FOR
25 kHz CHANNEL SPACING, 2000/3000 Hz FSK, CARRIER SQUELCH
EMISSION MASK: B



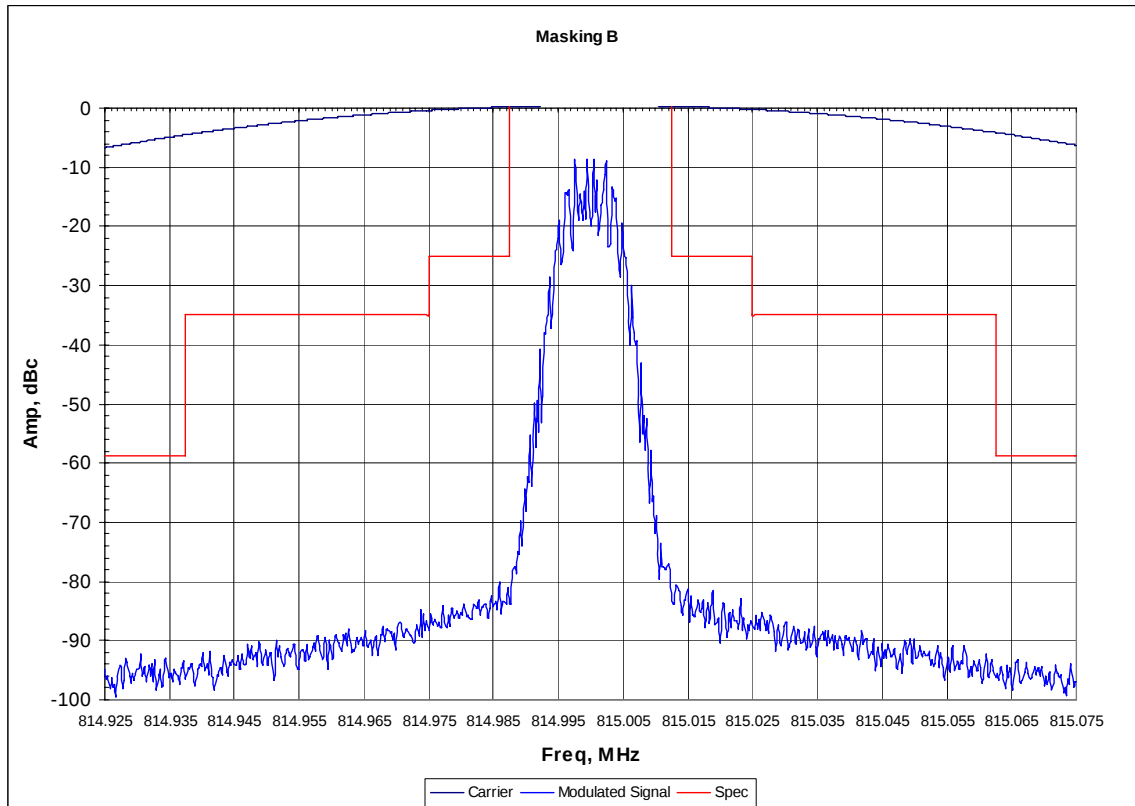
OCCUPIED BANDWIDTH MEASUREMENT FOR
25 kHz CHANNEL SPACING, 2000/3000 Hz FSK, TPL 250.3 Hz
EMISSION MASK: B



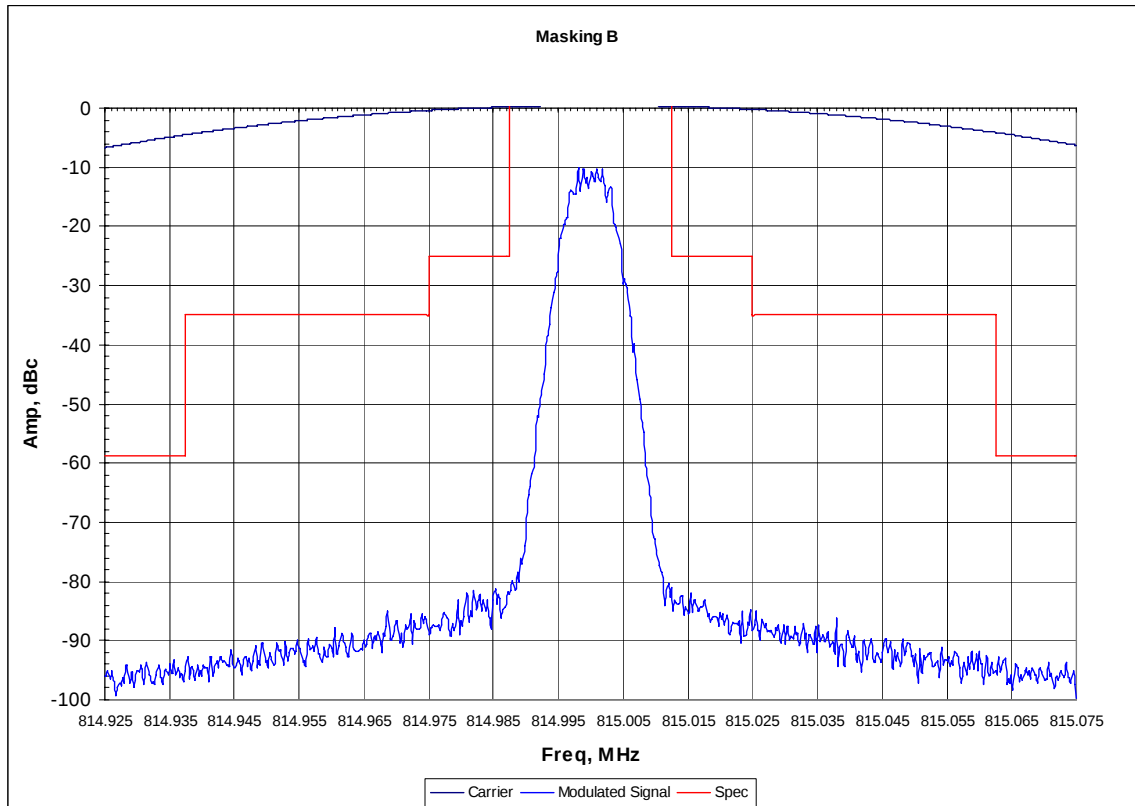
OCCUPIED BANDWIDTH MEASUREMENT FOR
25 kHz CHANNEL SPACING, 2000/3000 Hz FSK, DPL 131
EMISSION MASK: B



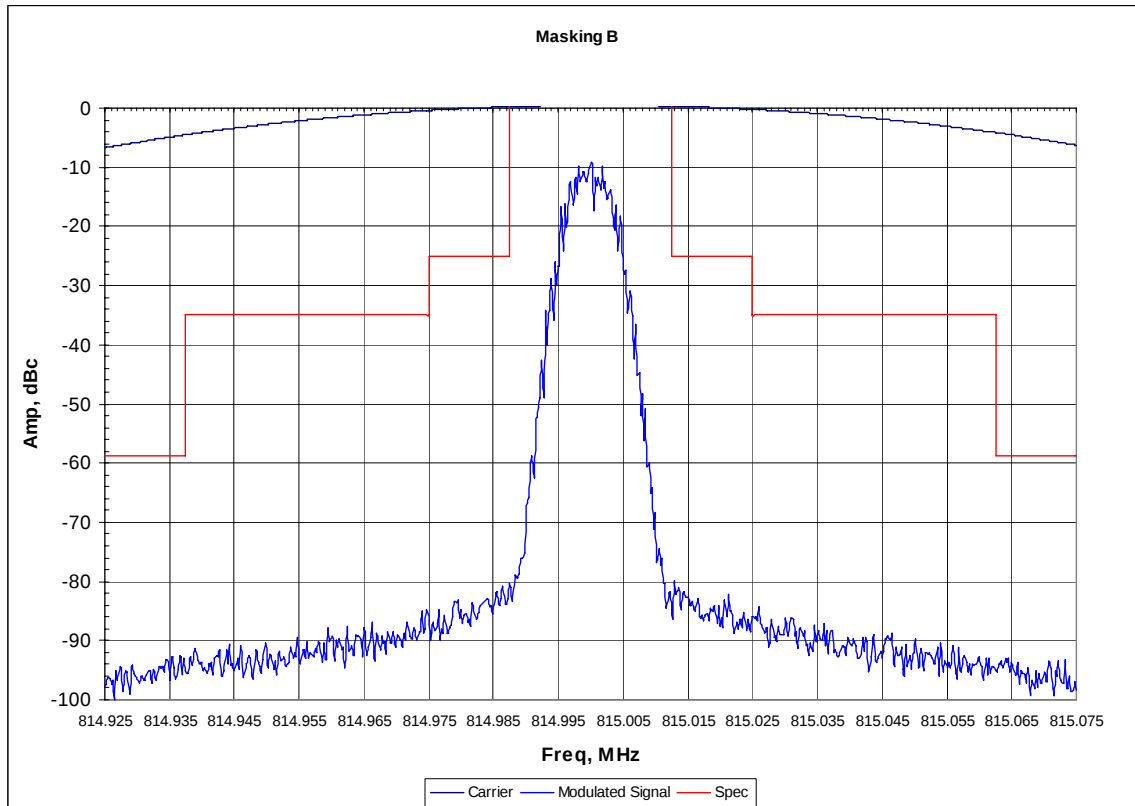
OCCUPIED BANDWIDTH MEASUREMENT FOR
25 kHz CHANNEL SPACING, DTMF MODULATION, CARRIER SQUELCH
EMISSION MASK: B



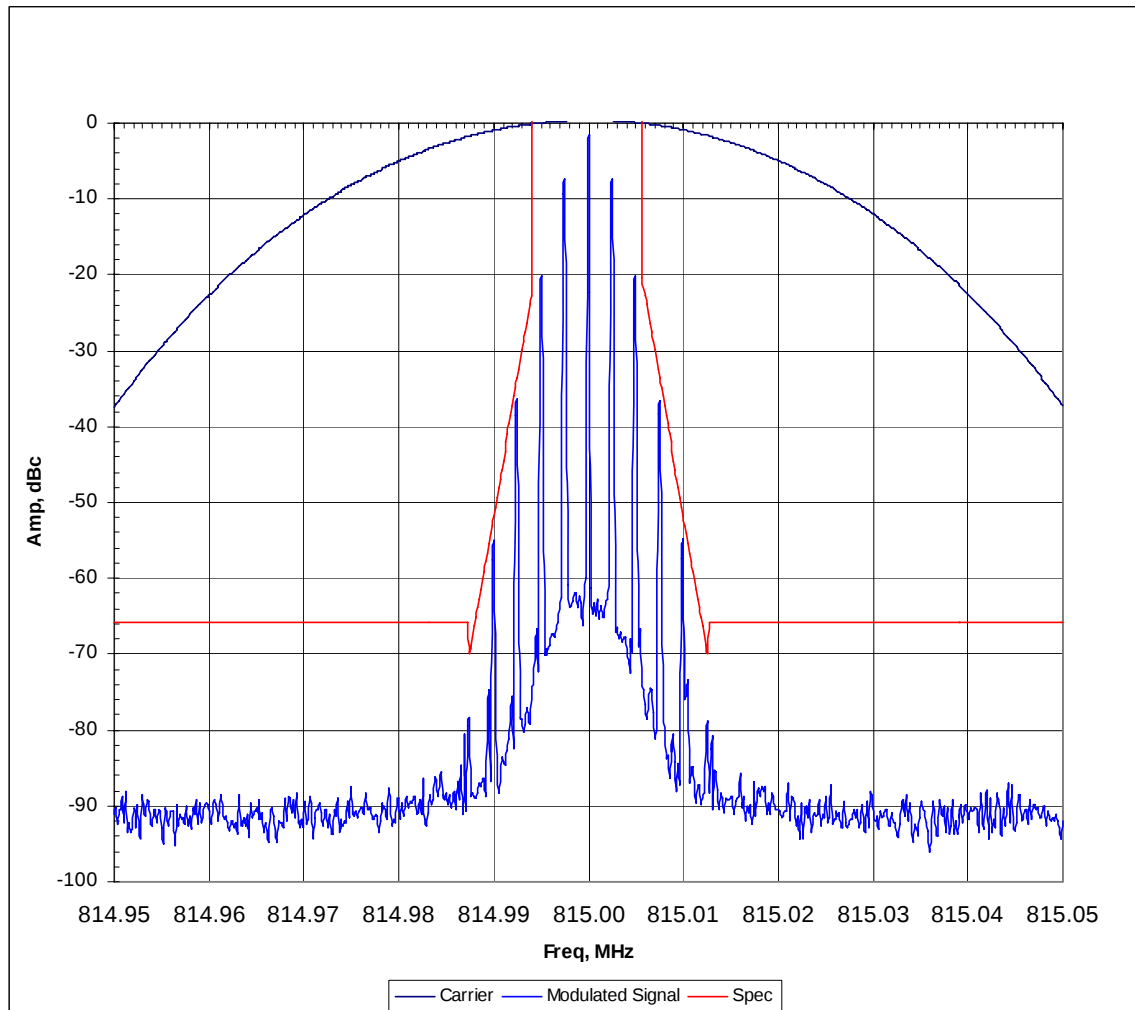
**OCCUPIED BANDWIDTH MEASUREMENT FOR
25 kHz CHANNEL SPACING, DTMF MODULATION, TPL 250.3 Hz
EMISSION MASK: B**



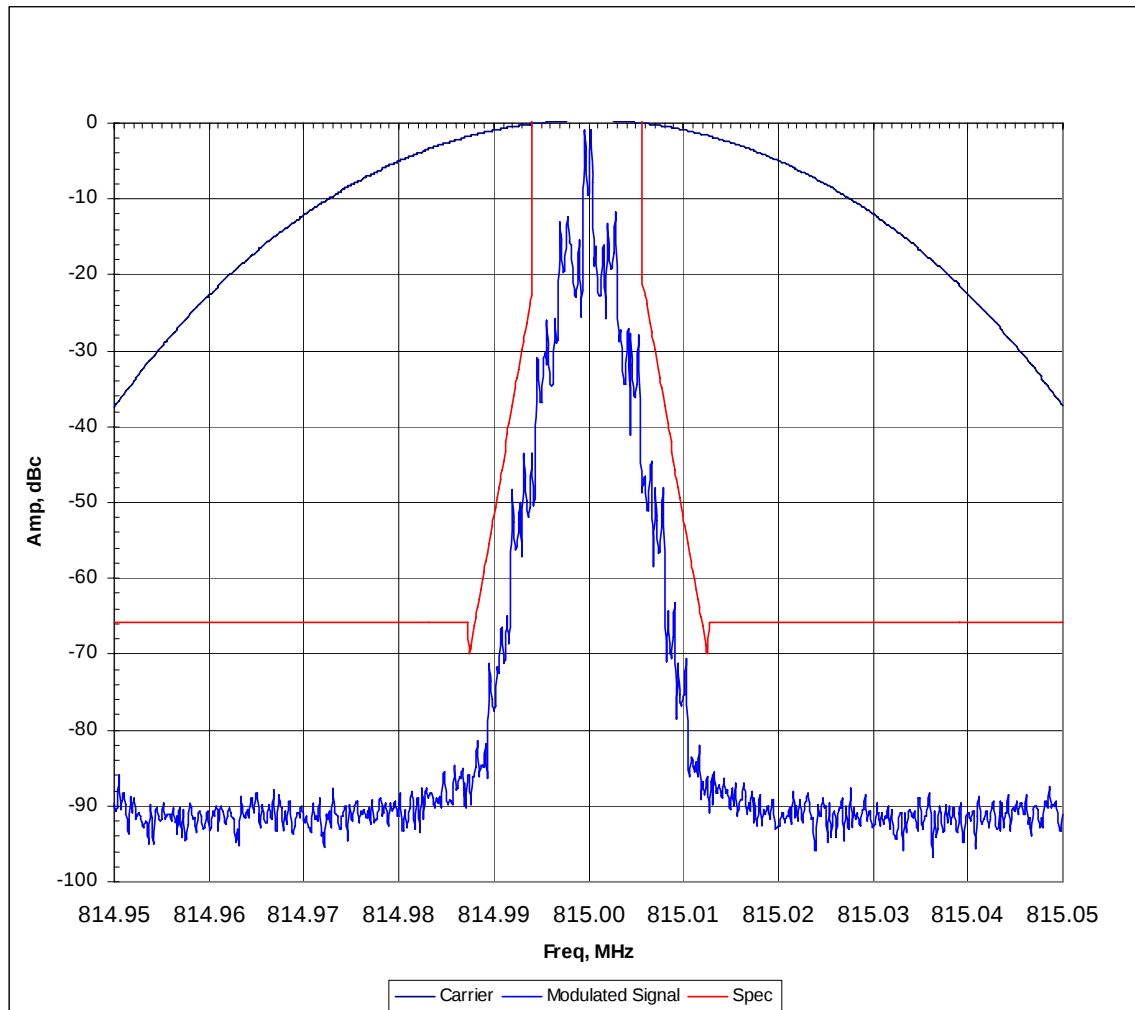
OCCUPIED BANDWIDTH MEASUREMENT FOR
25 kHz CHANNEL SPACING, DTMF MODULATION, DPL 131
EMISSION MASK: B



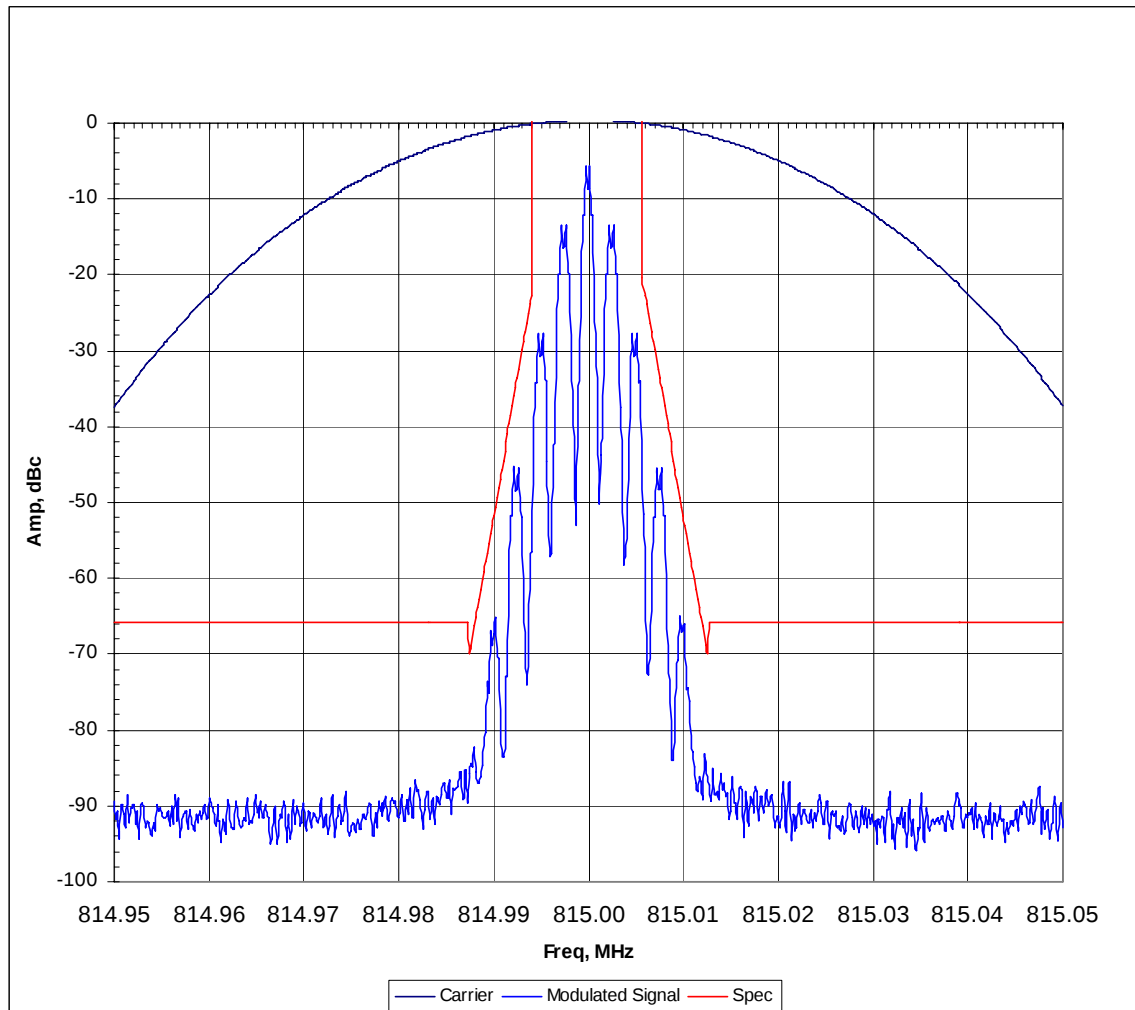
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, CARRIER SQUELCH
EMISSION MASK: D



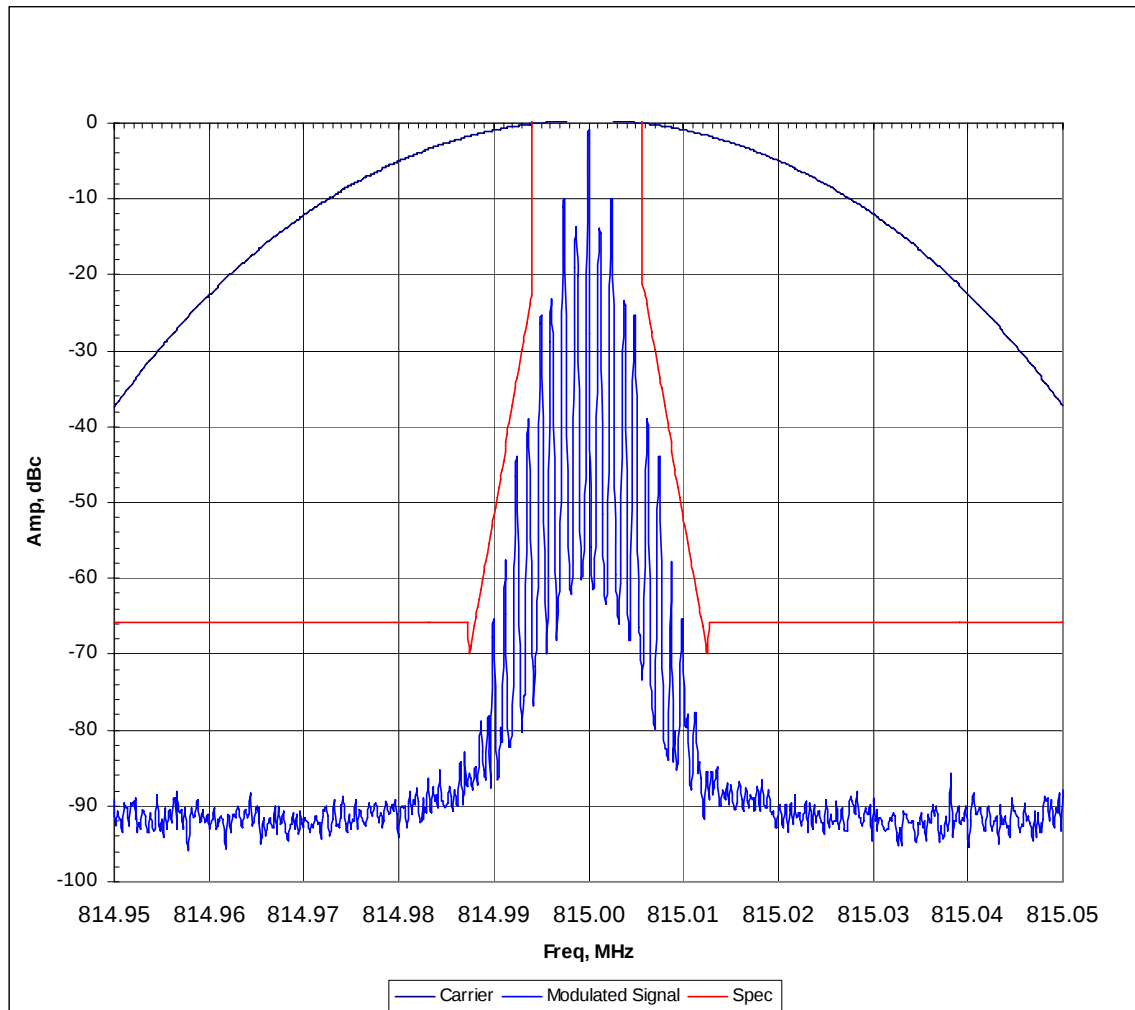
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, TPL 250.3 Hz
EMISSION MASK: D



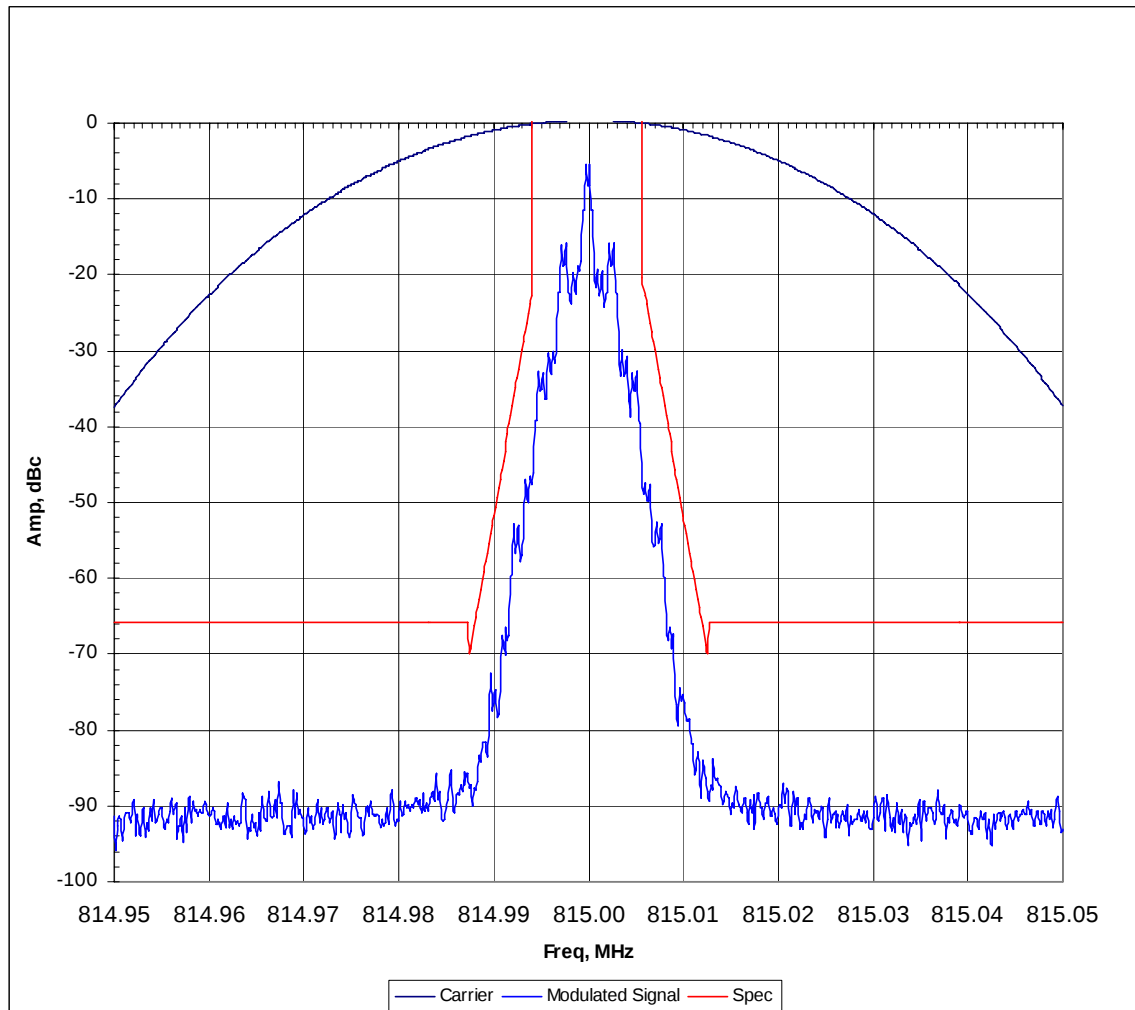
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, DPL 131
EMISSION MASK: D



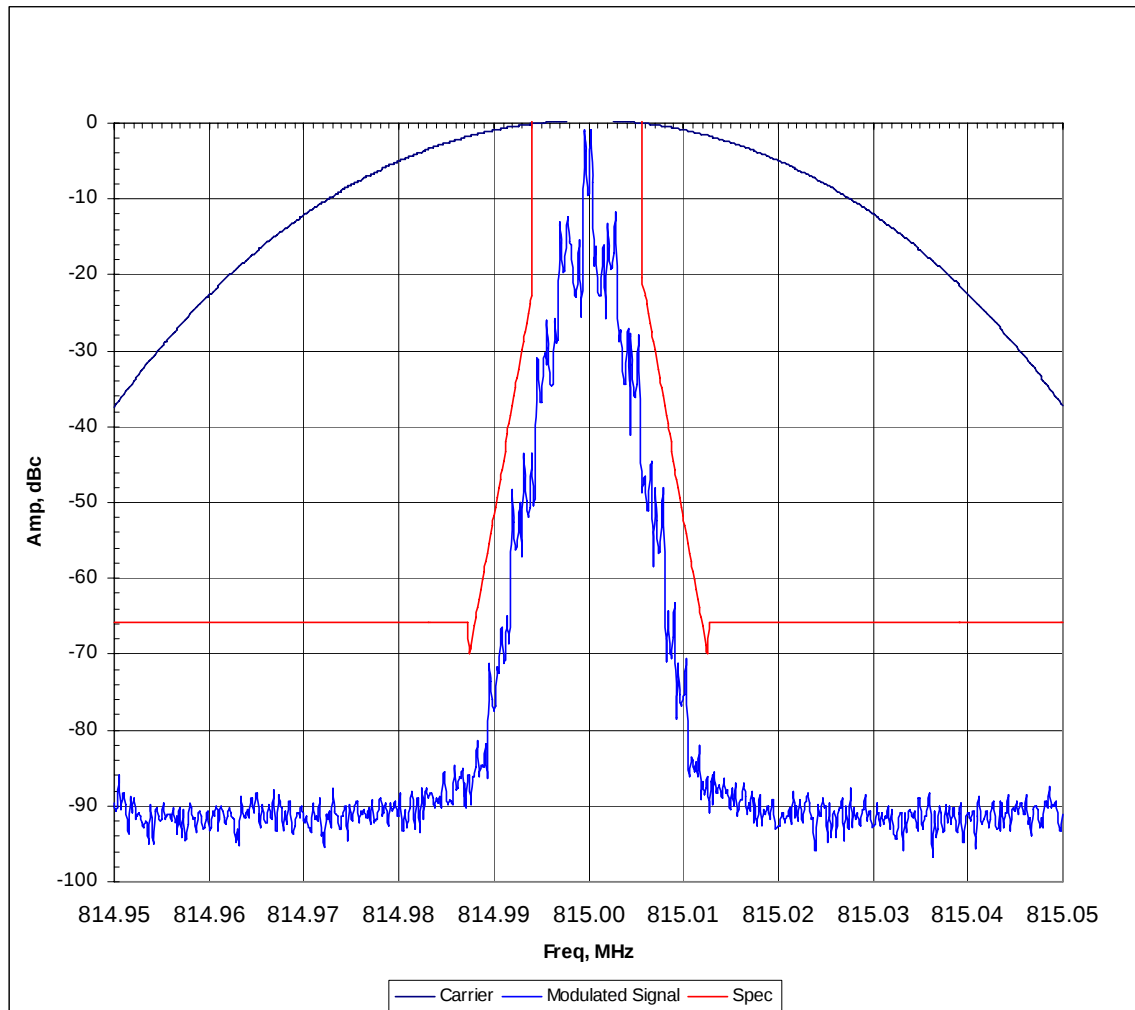
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, CARRIER SQUELCH
EMISSION MASK: D



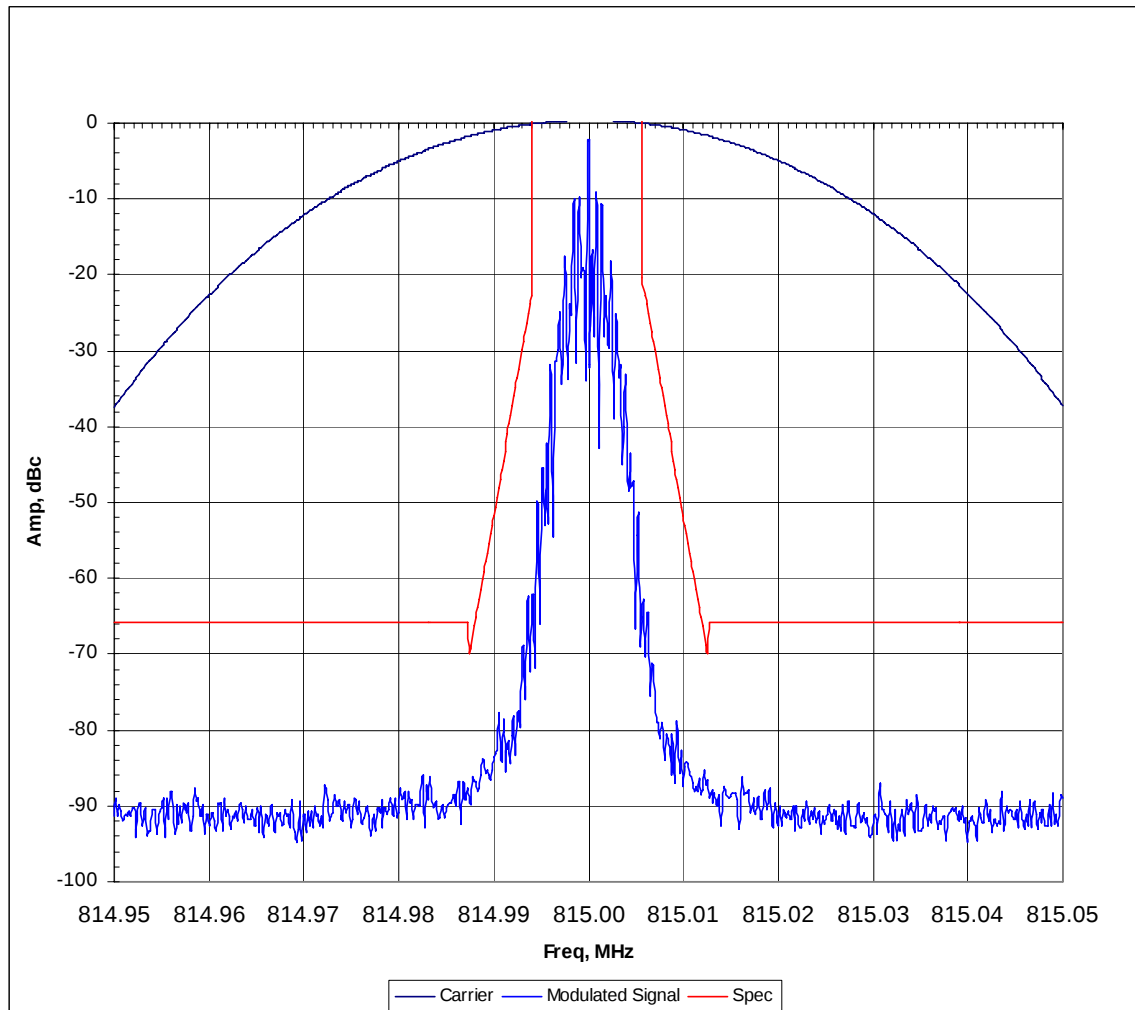
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, TPL 250.3 Hz
EMISSION MASK: D



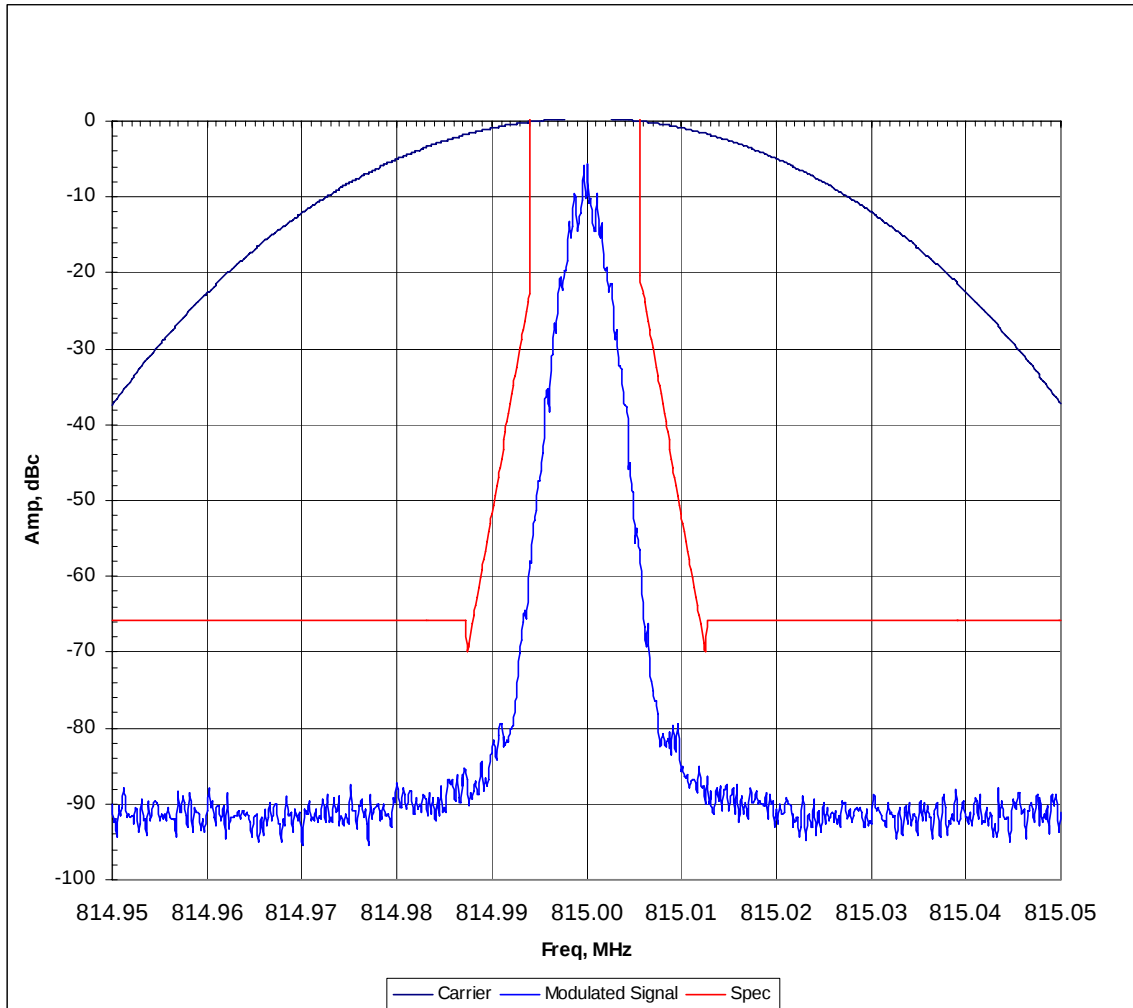
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, DPL 131
EMISSION MASK: D



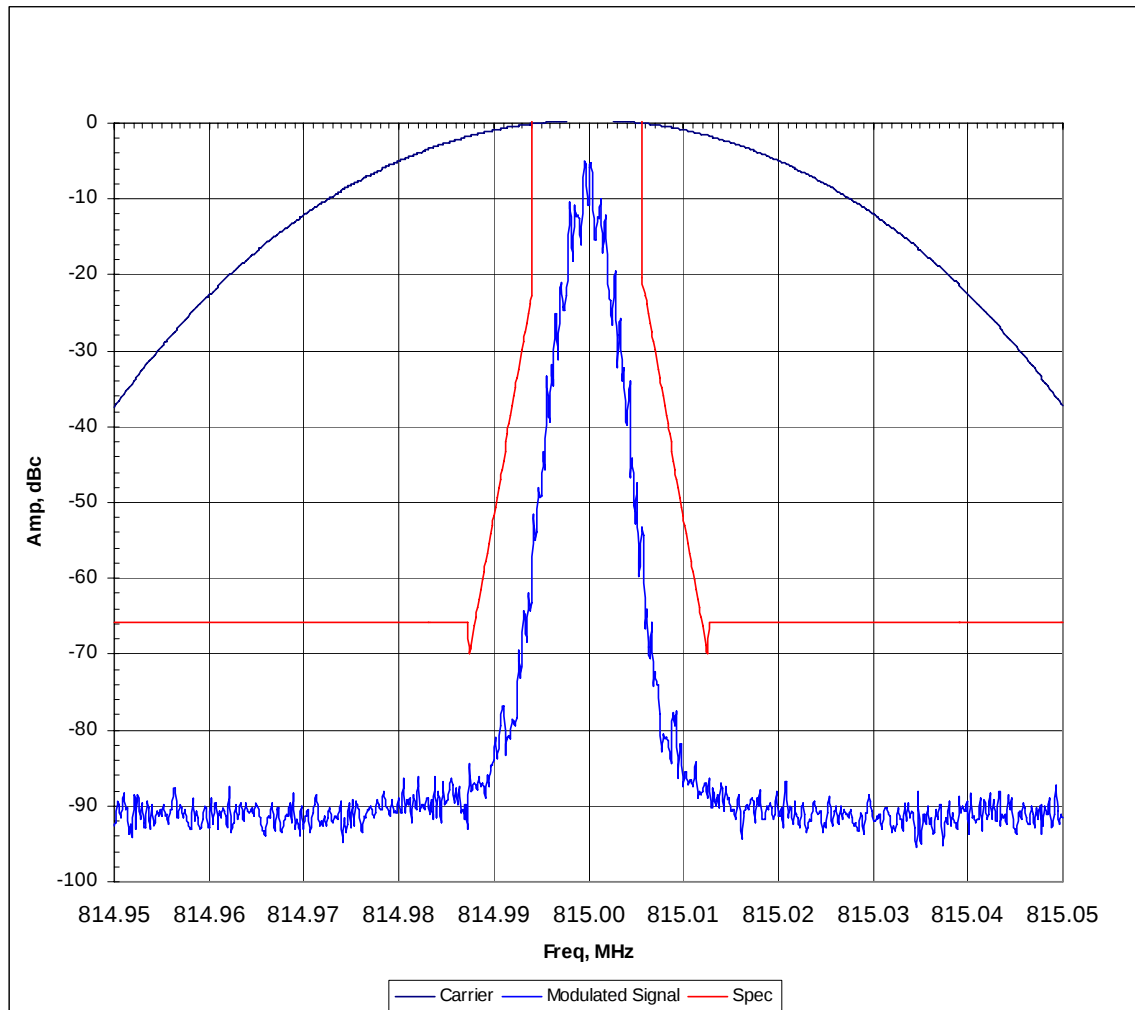
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, CARRIER SQUELCH
EMISSION MASK: D



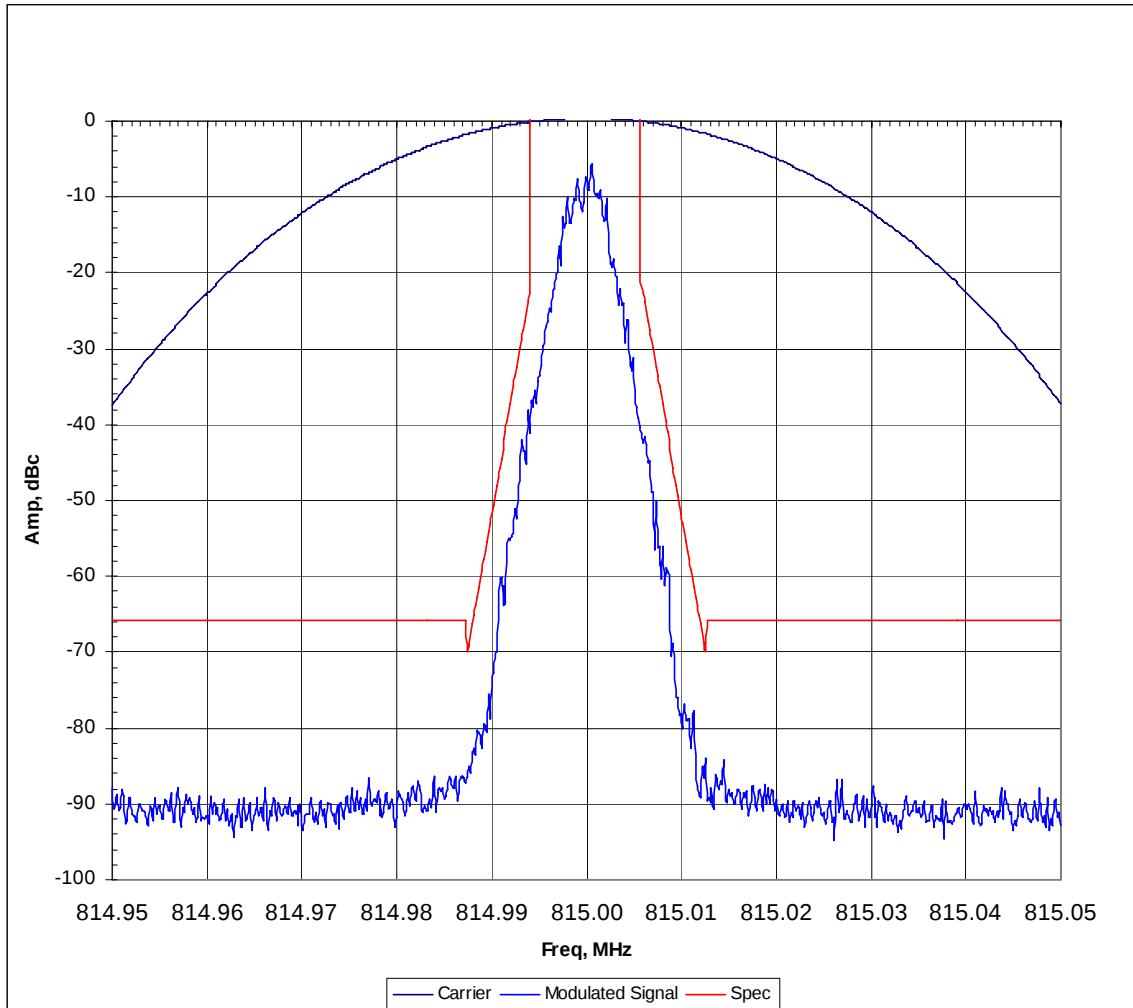
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, TPL 250.3 Hz
EMISSION MASK: D



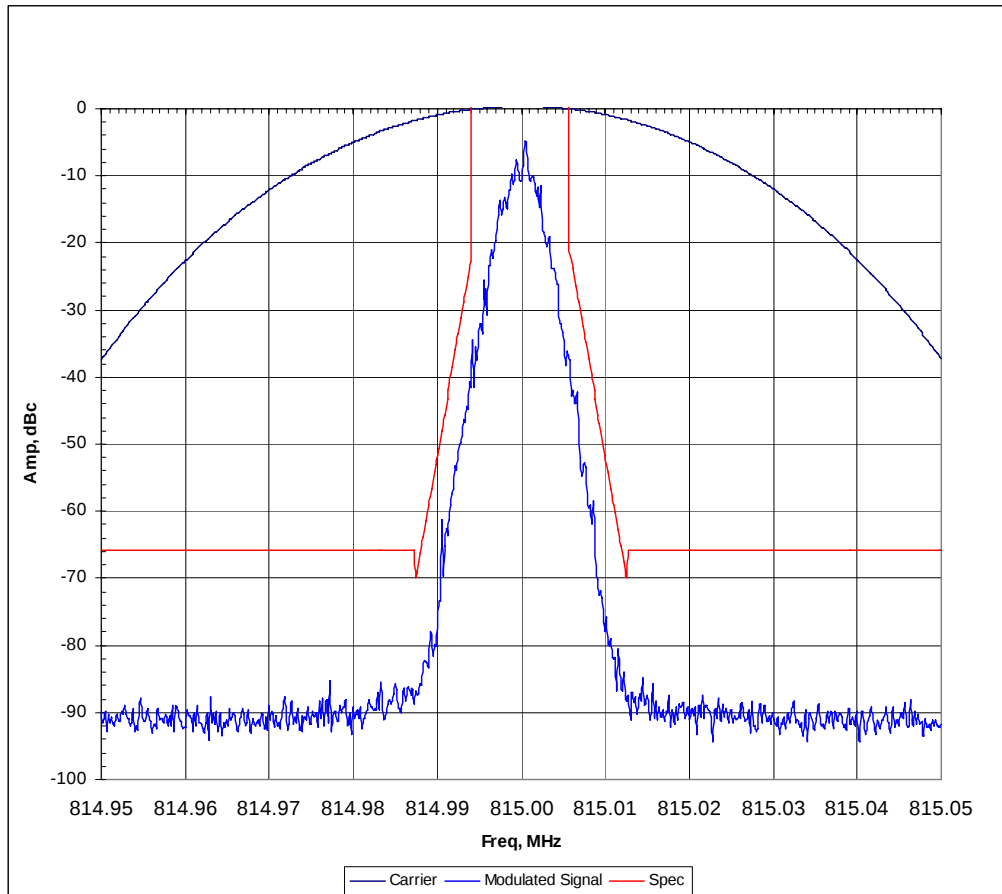
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, DPL 131
EMISSION MASK: D



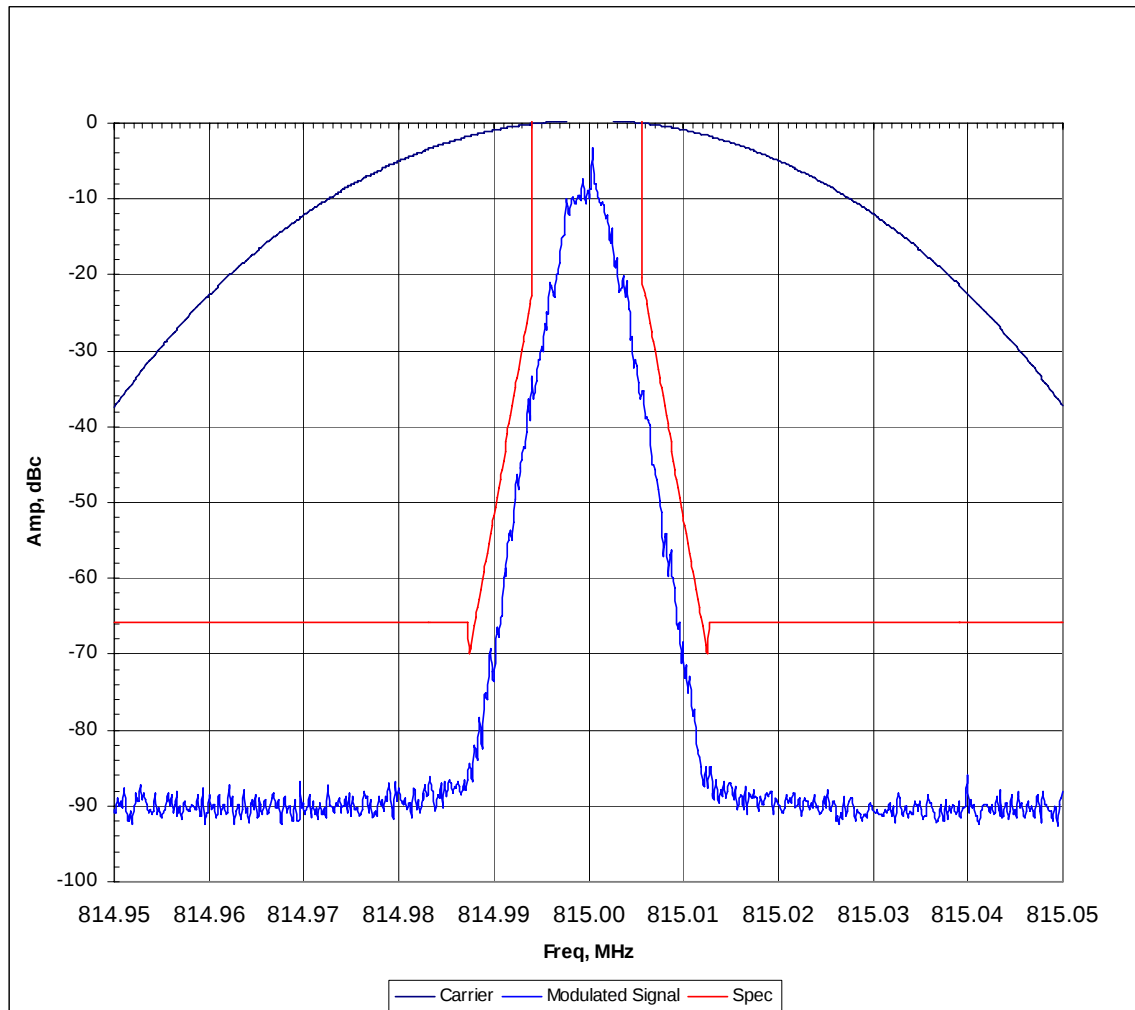
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Voice Modulation (7K60FXD)
EMISSION MASK: D



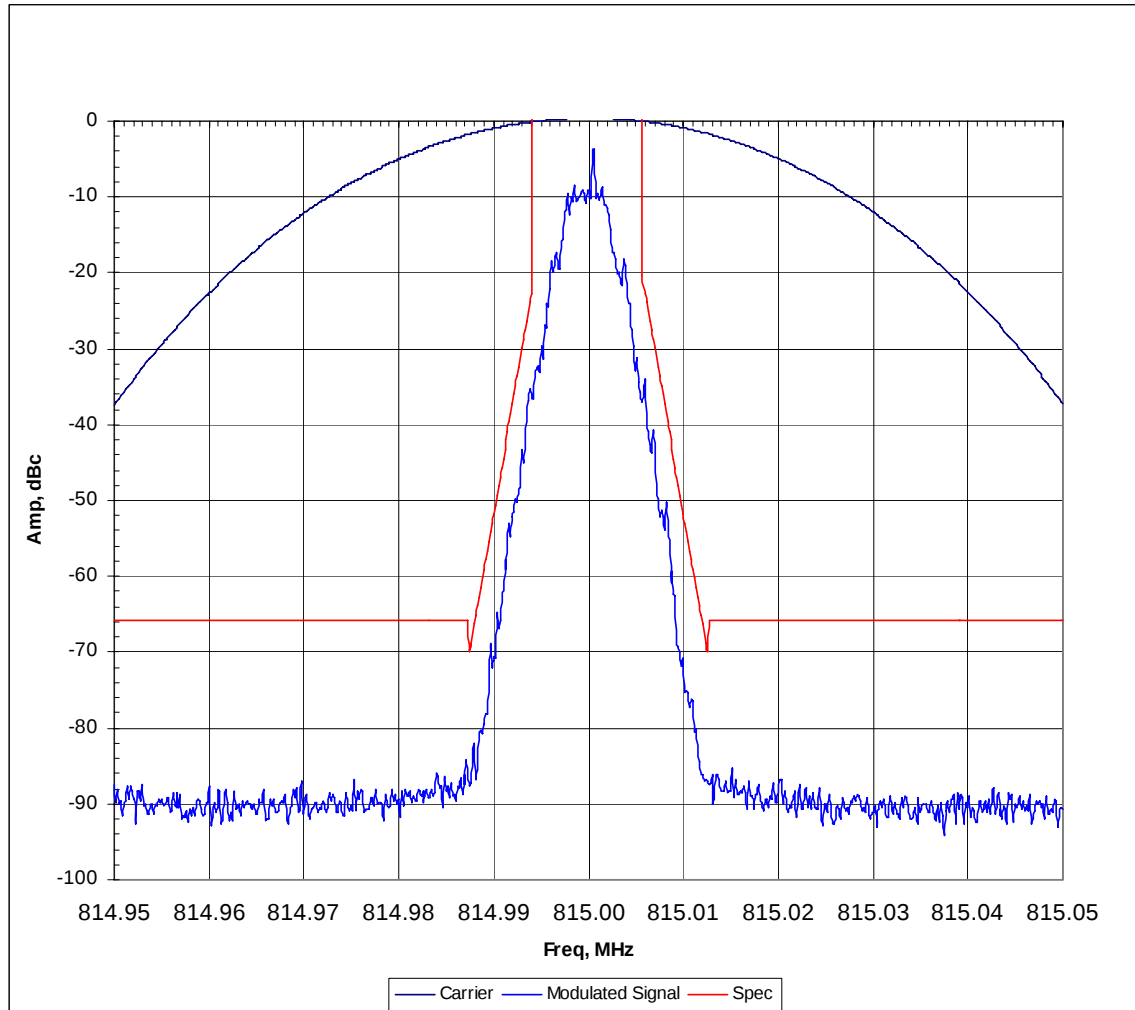
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Data Modulation (7K60FXD)
EMISSION MASK: D



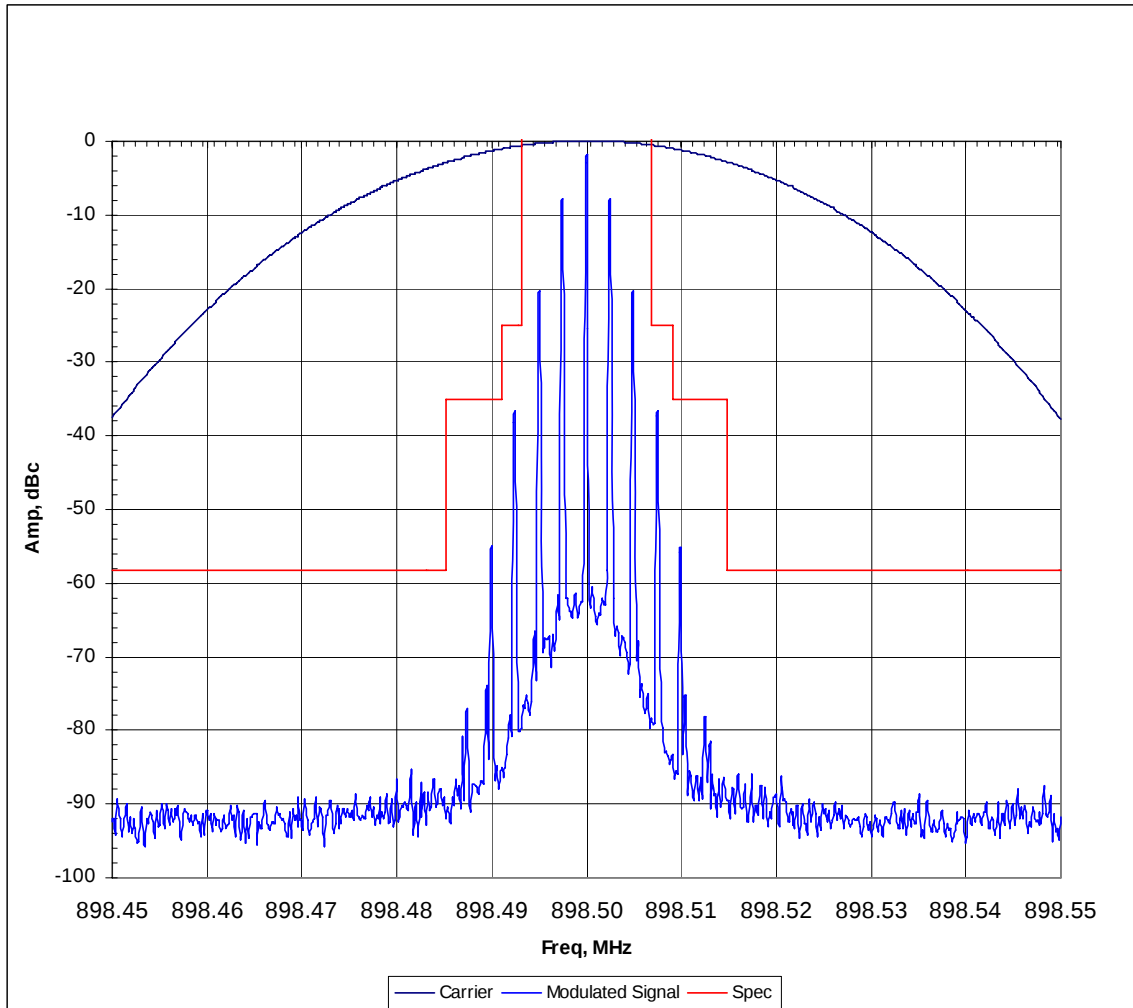
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, APCO25 Digital Voice
EMISSION MASK: D



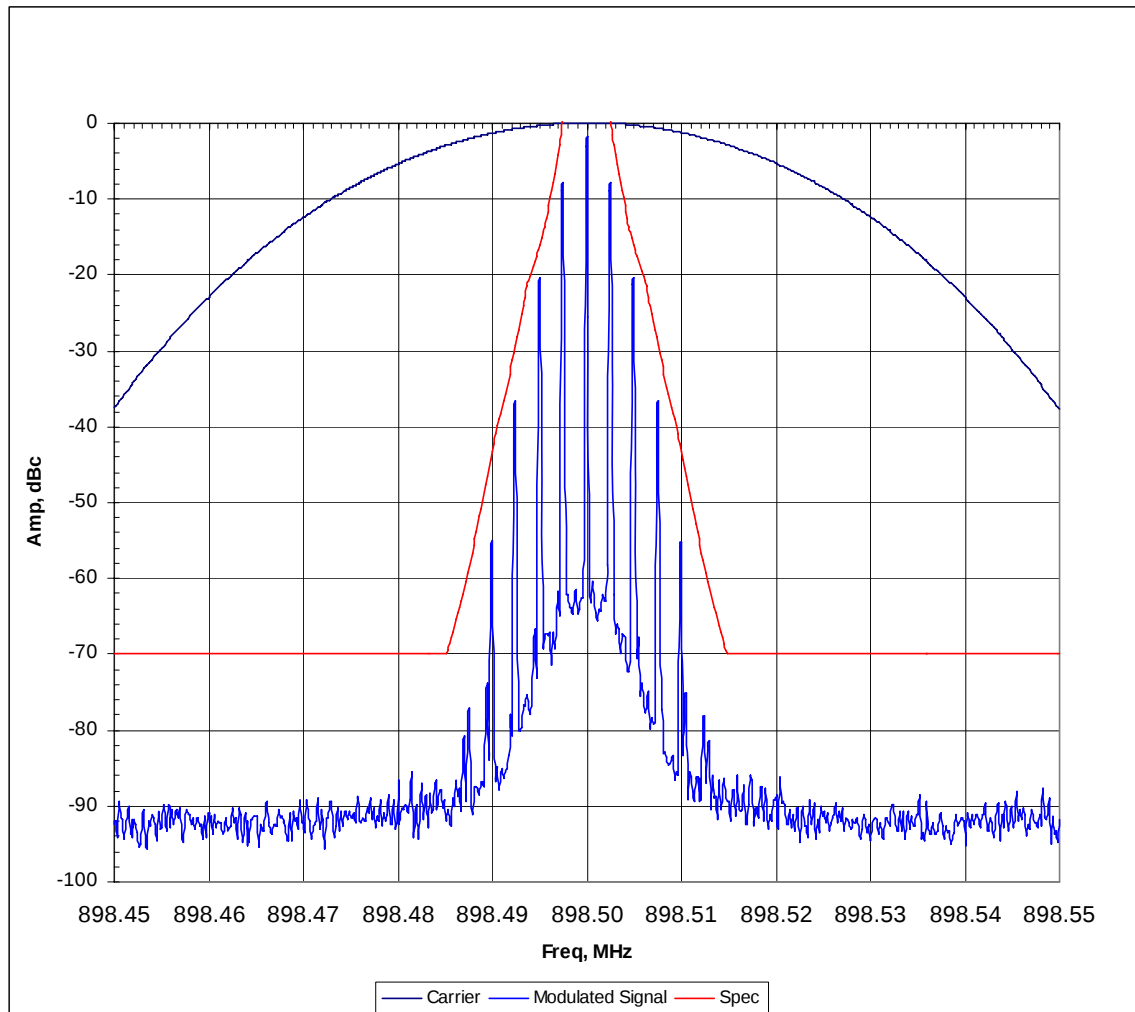
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, APCO25 Digital Data
EMISSION MASK: D



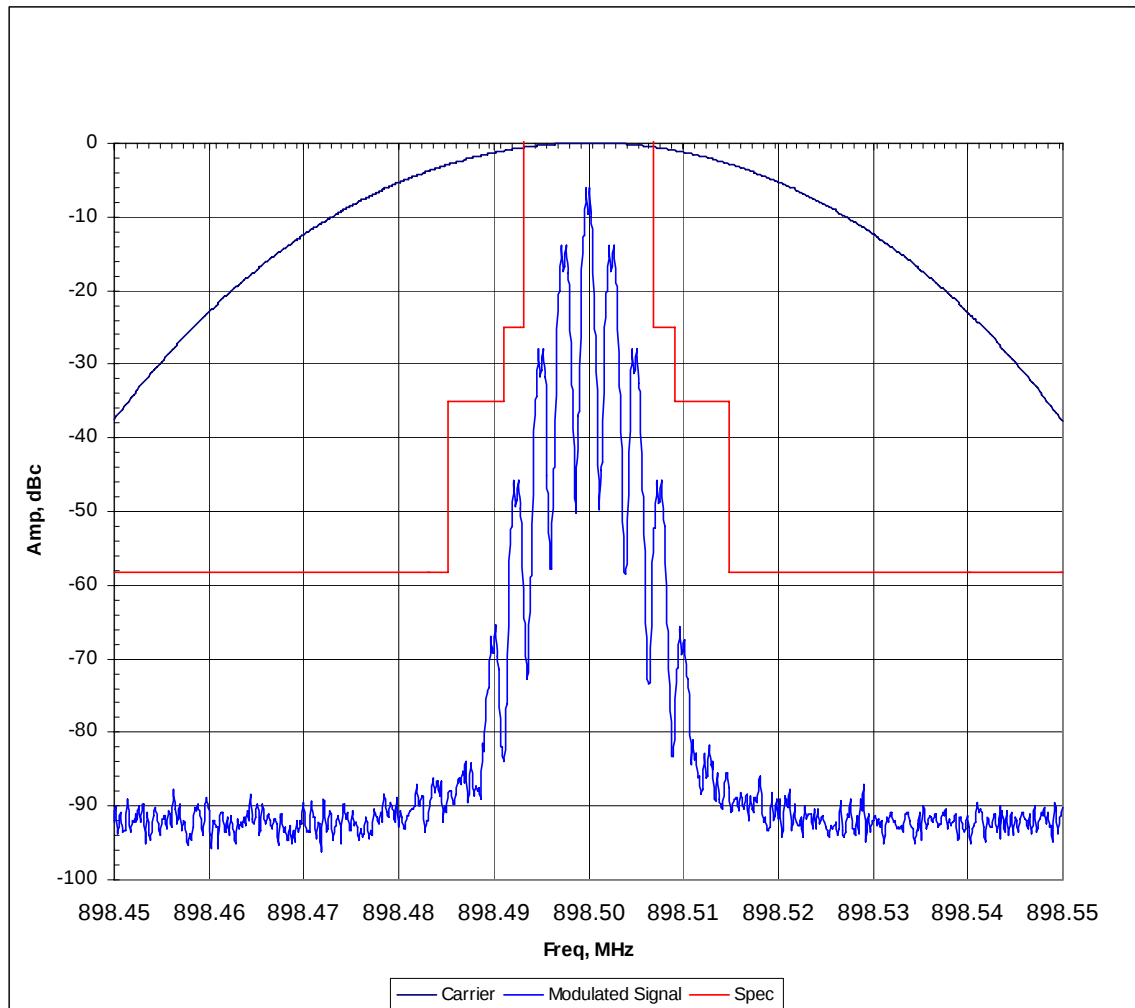
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, CARRIER SQUELCH
EMISSION MASK: I



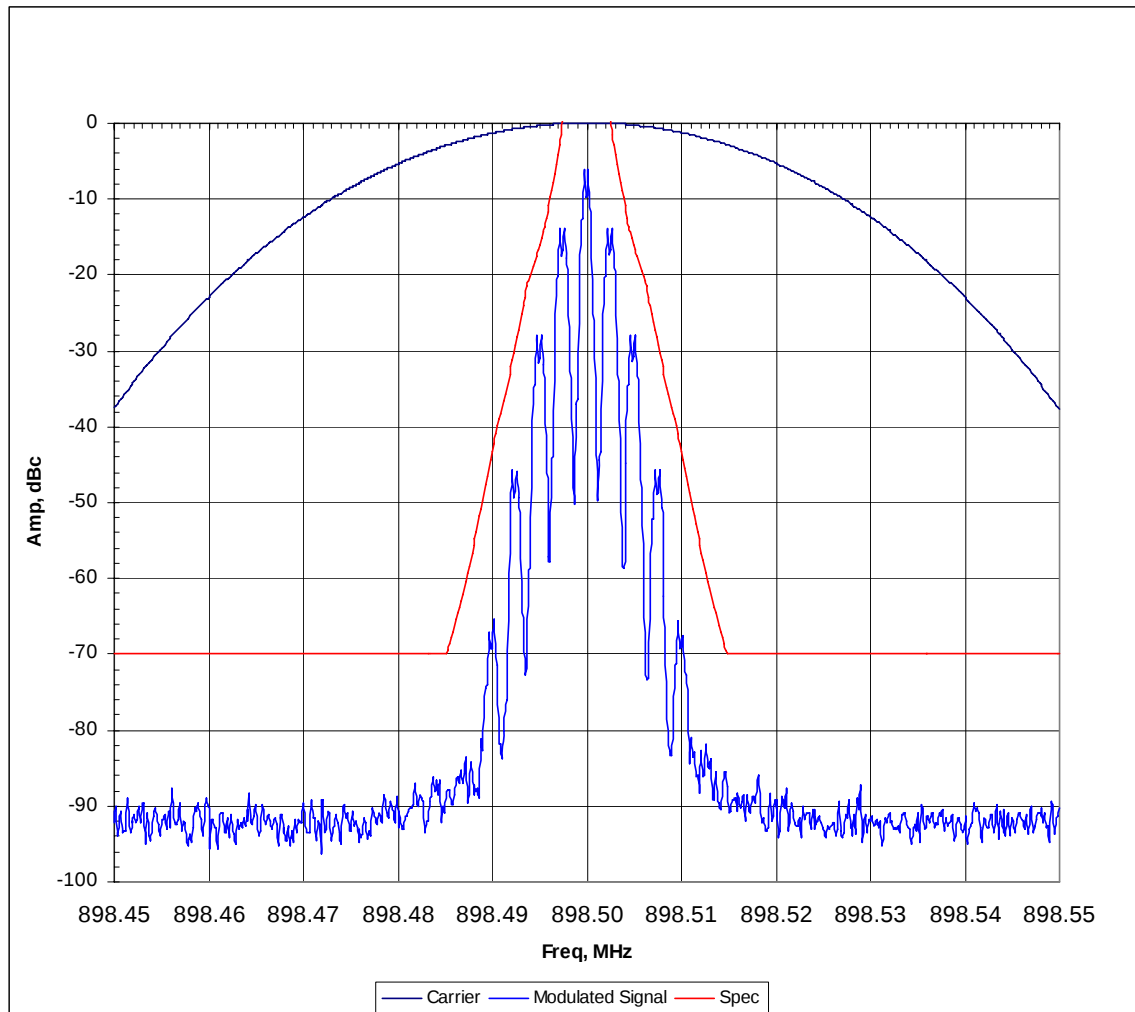
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, CARRIER SQUELCH
EMISSION MASK: J



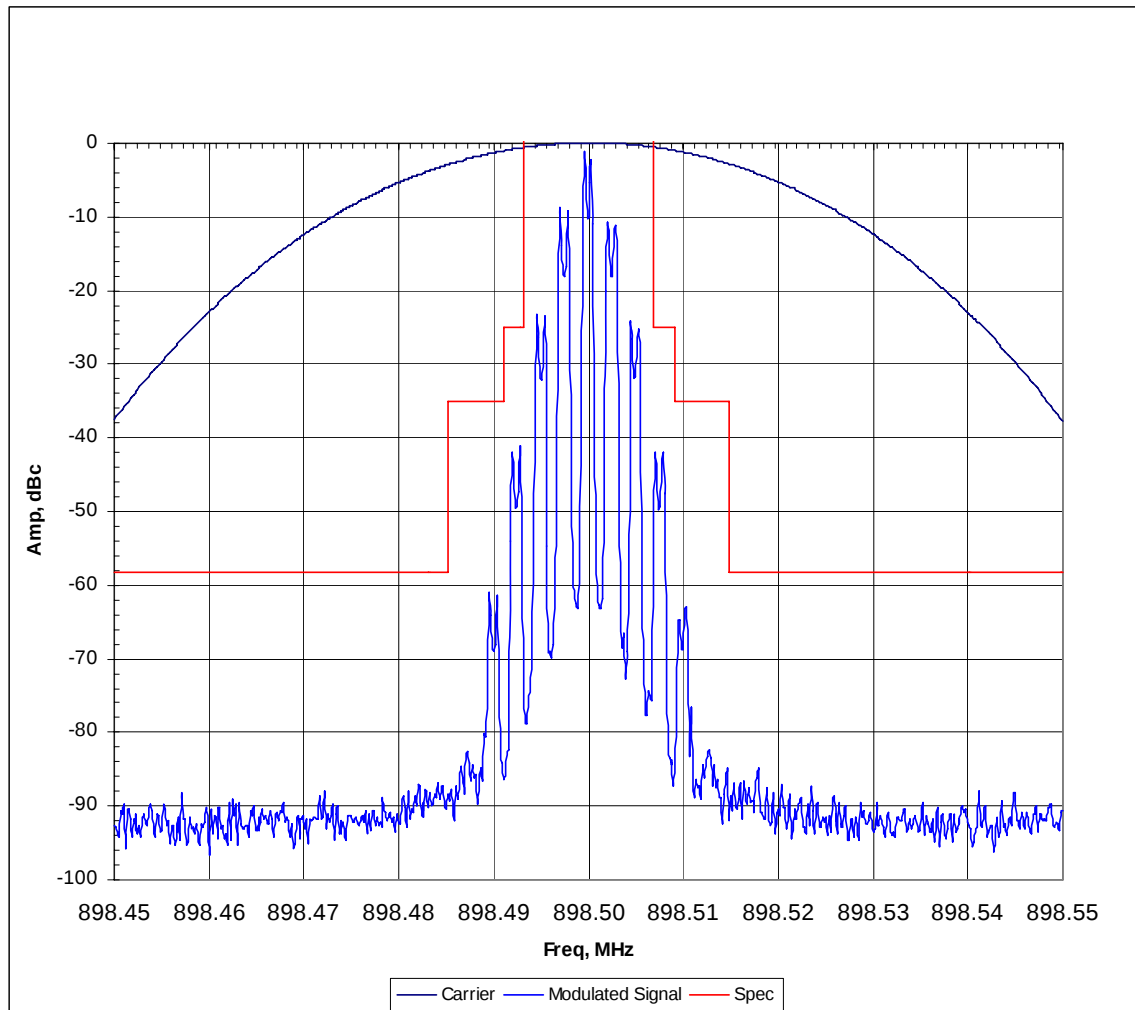
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, TPL 250.3 Hz
EMISSION MASK: I



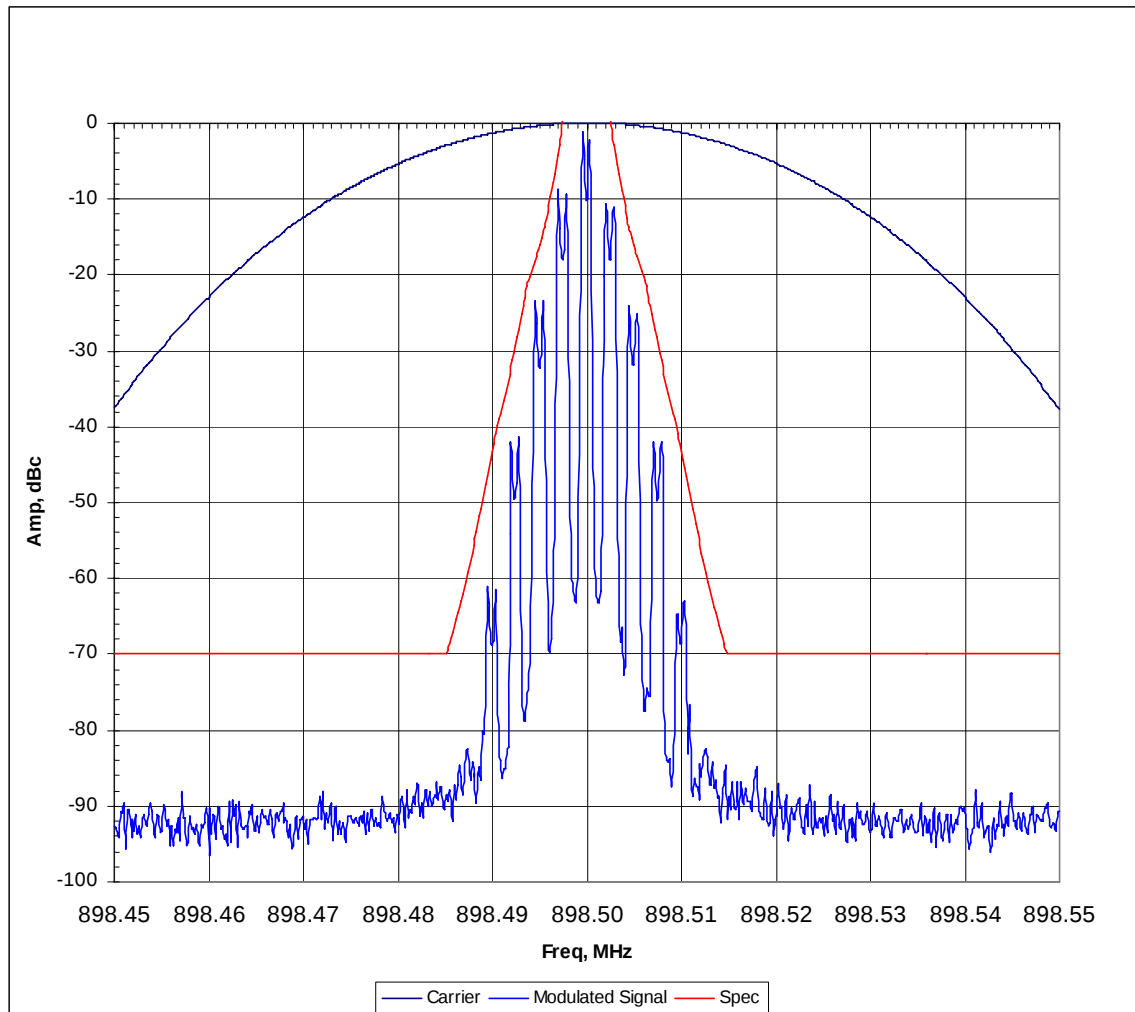
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, TPL 250.3 Hz
EMISSION MASK: J



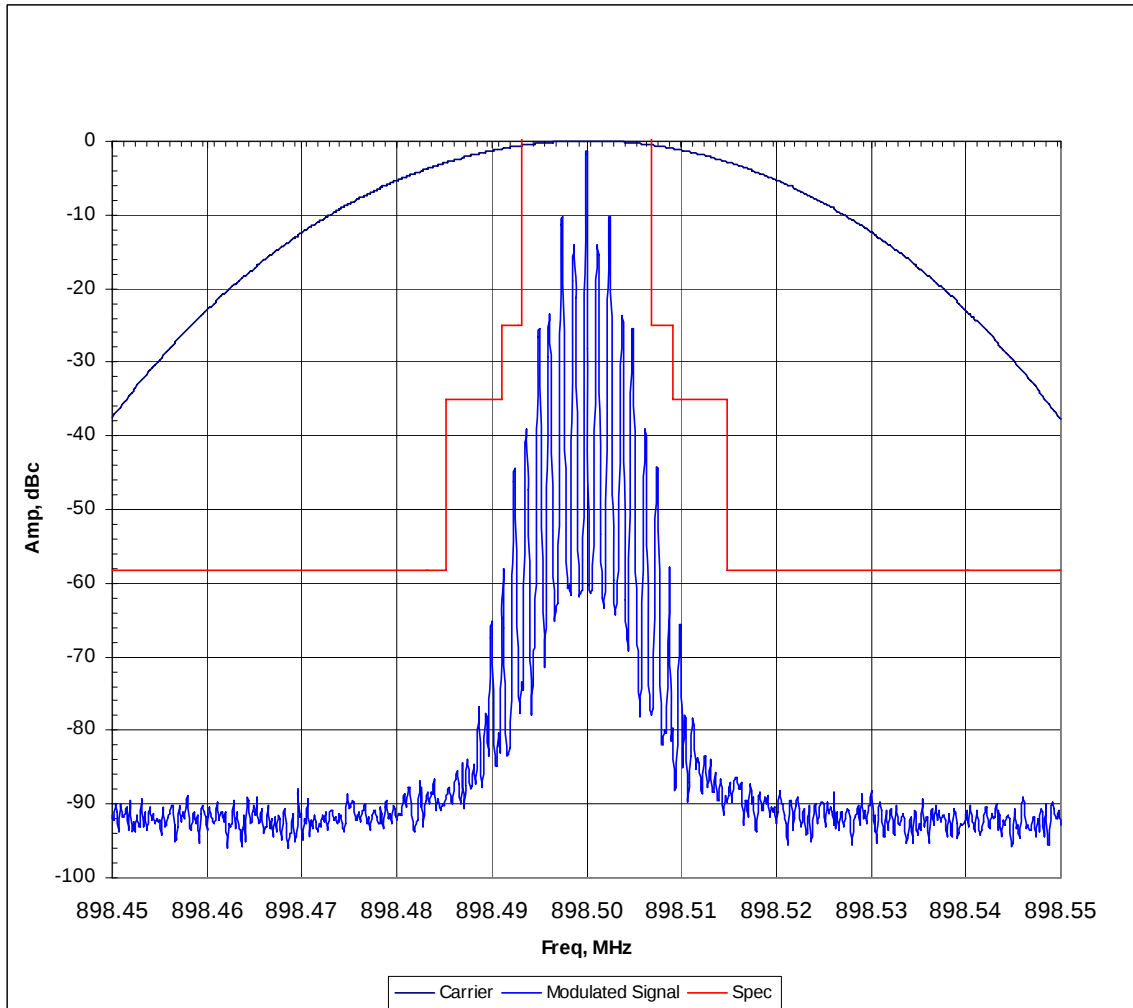
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, DPL 131
EMISSION MASK: I



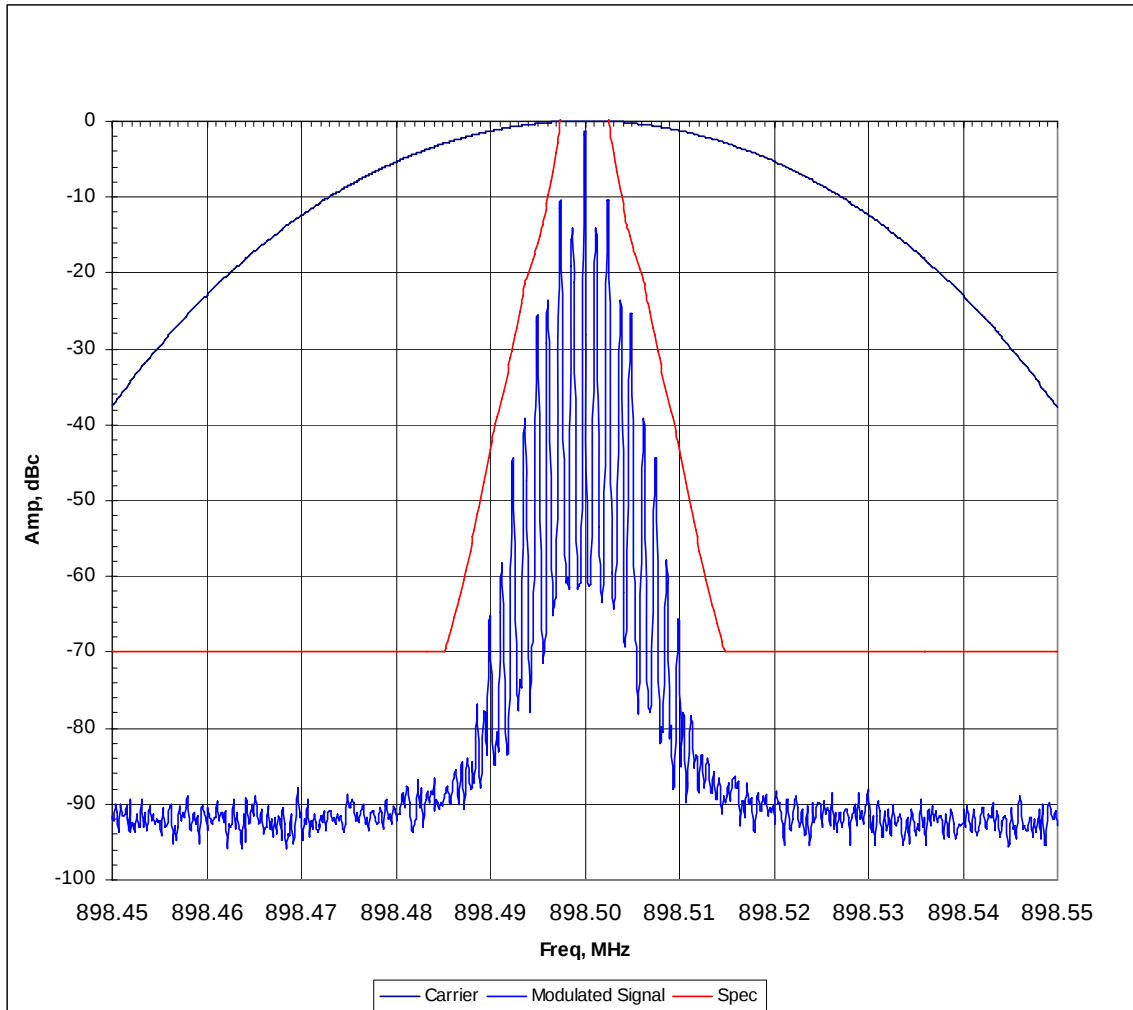
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2500 Hz TONE, DPL 131
EMISSION MASK: J



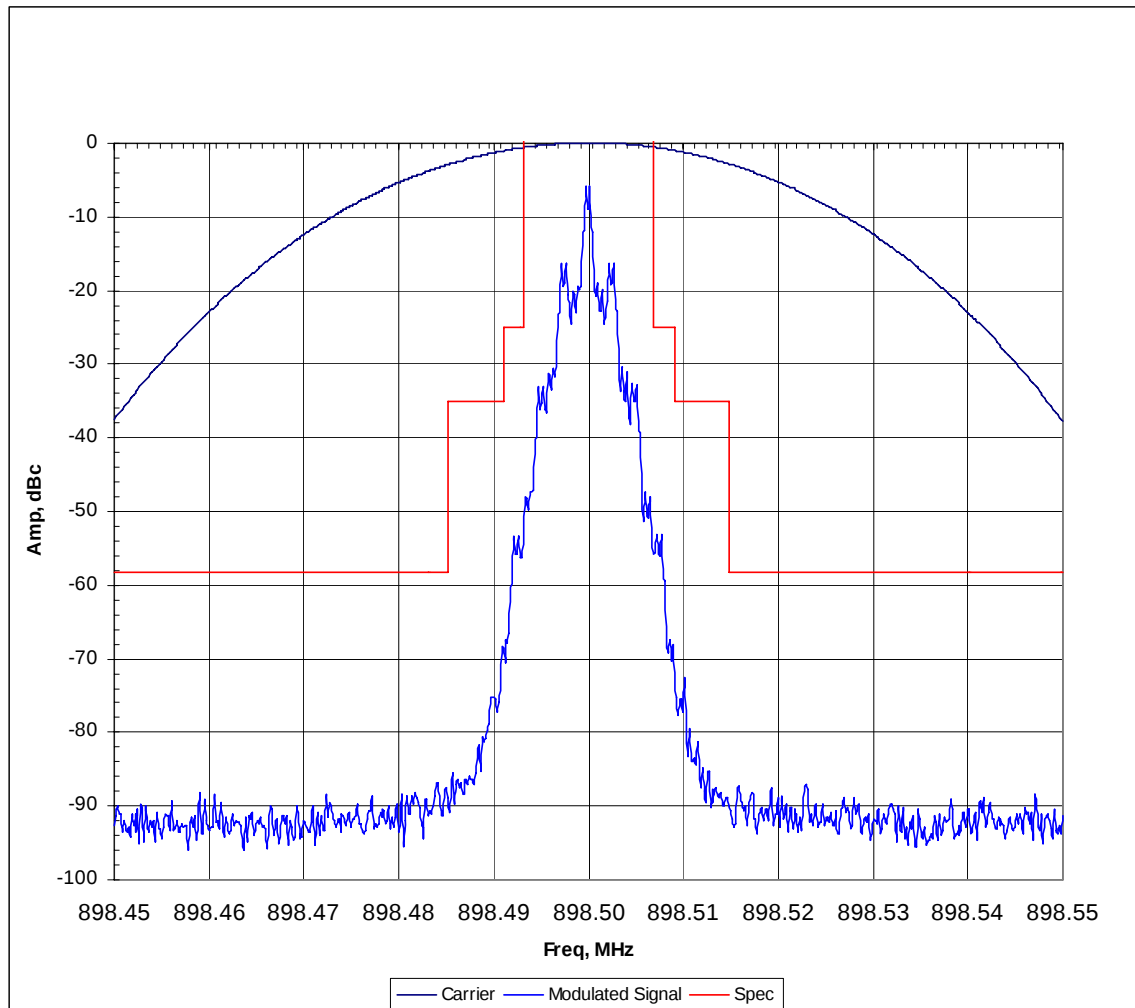
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, CARRIER SQUELCH
EMISSION MASK: I



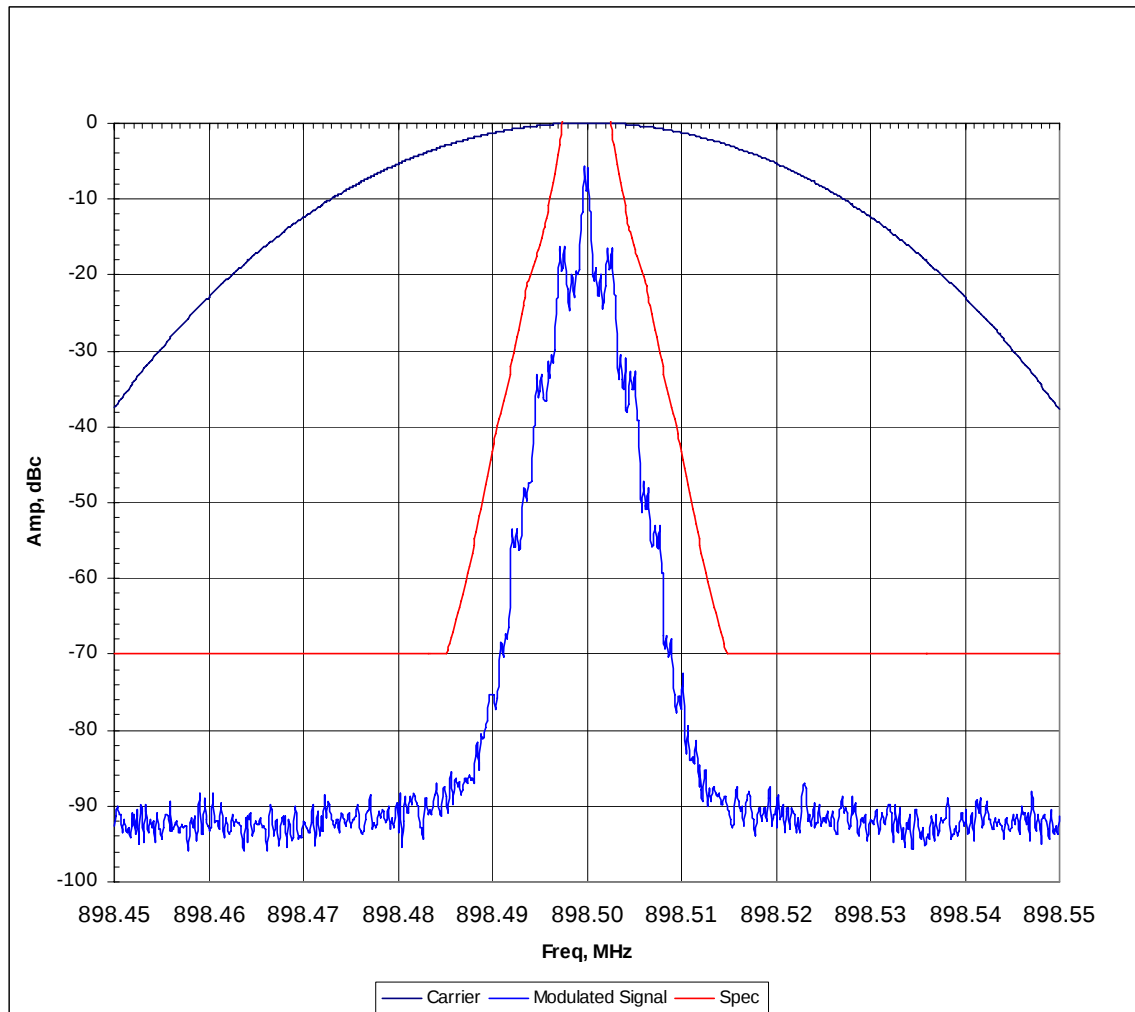
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, CARRIER SQUELCH
EMISSION MASK: J



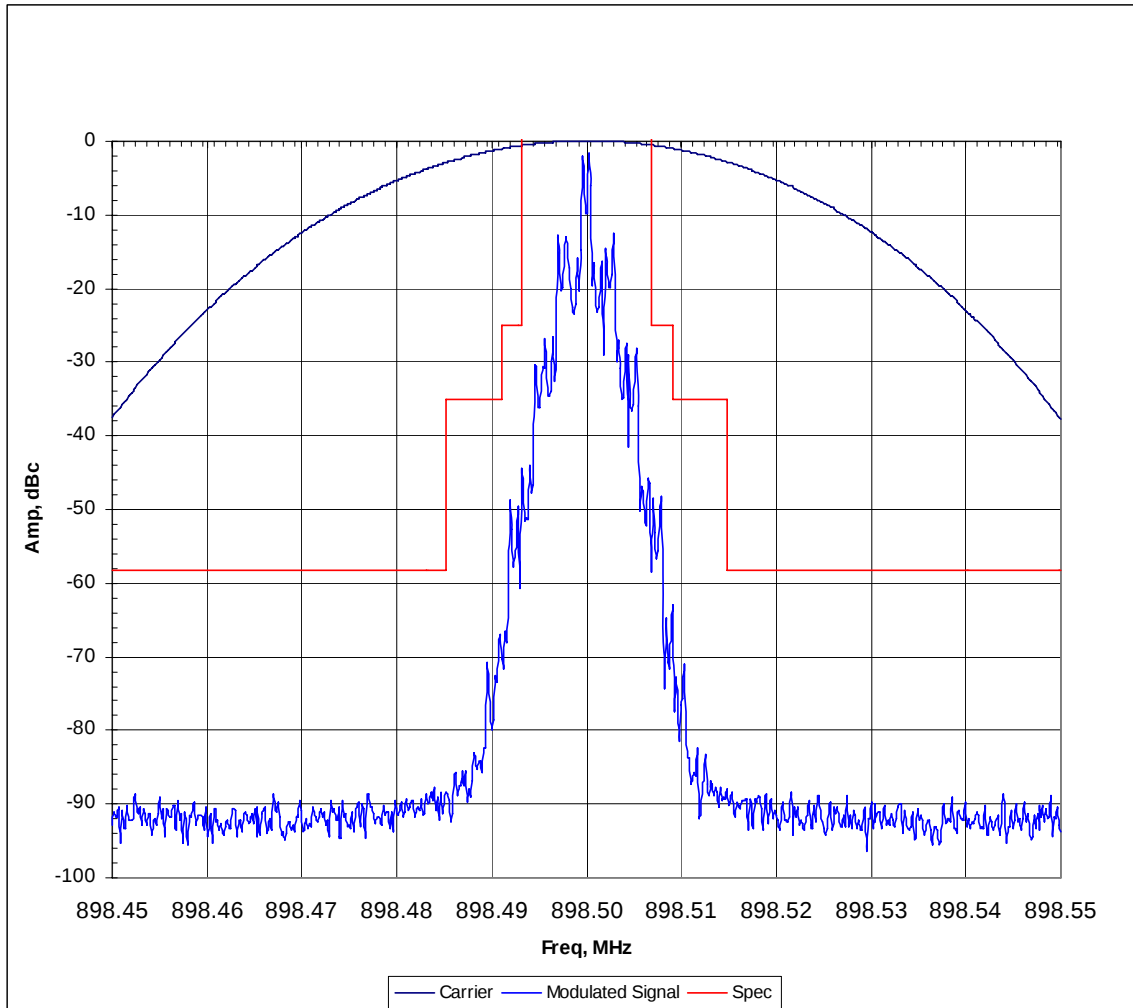
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, TPL 250.3 Hz
EMISSION MASK: I



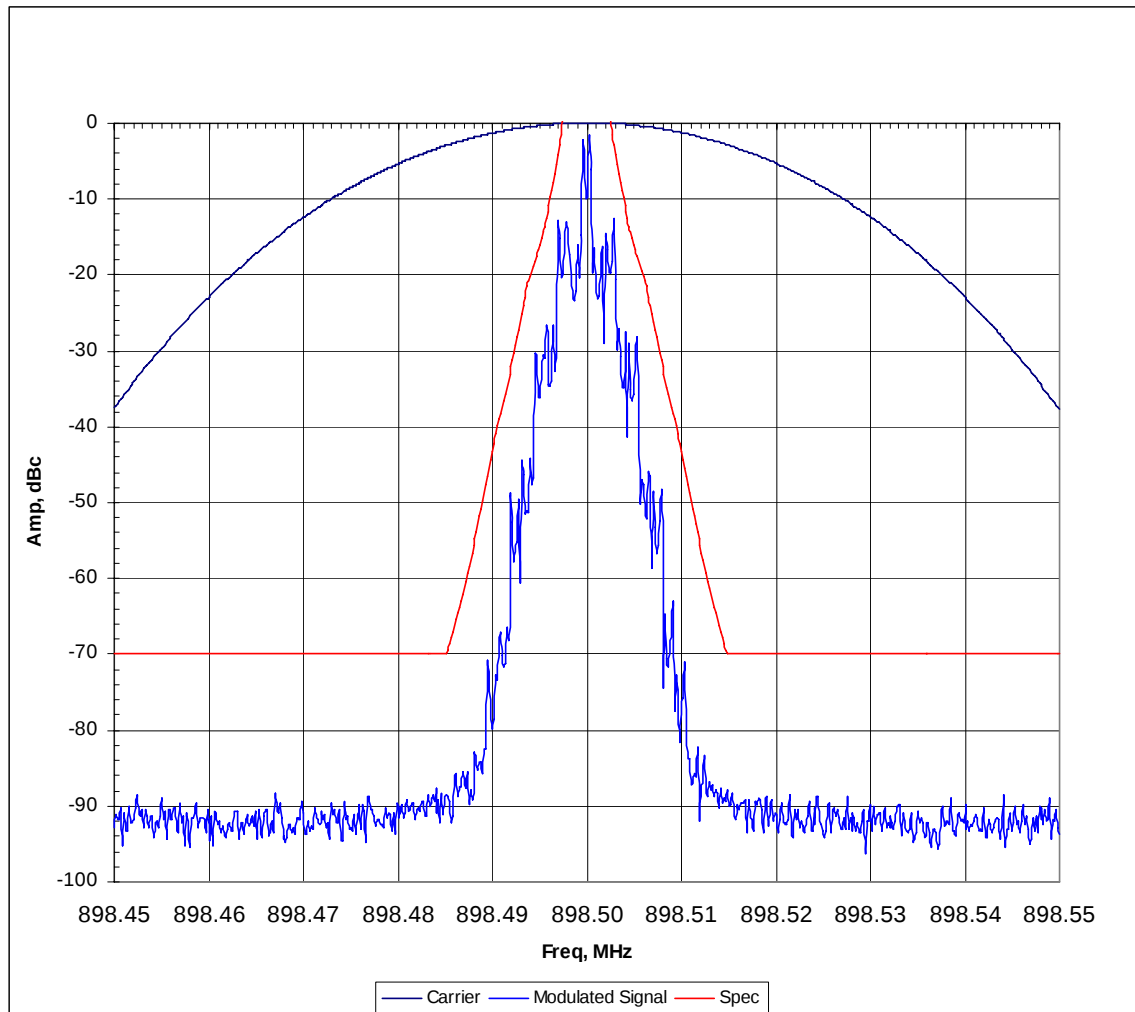
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, TPL 250.3 Hz
EMISSION MASK: J



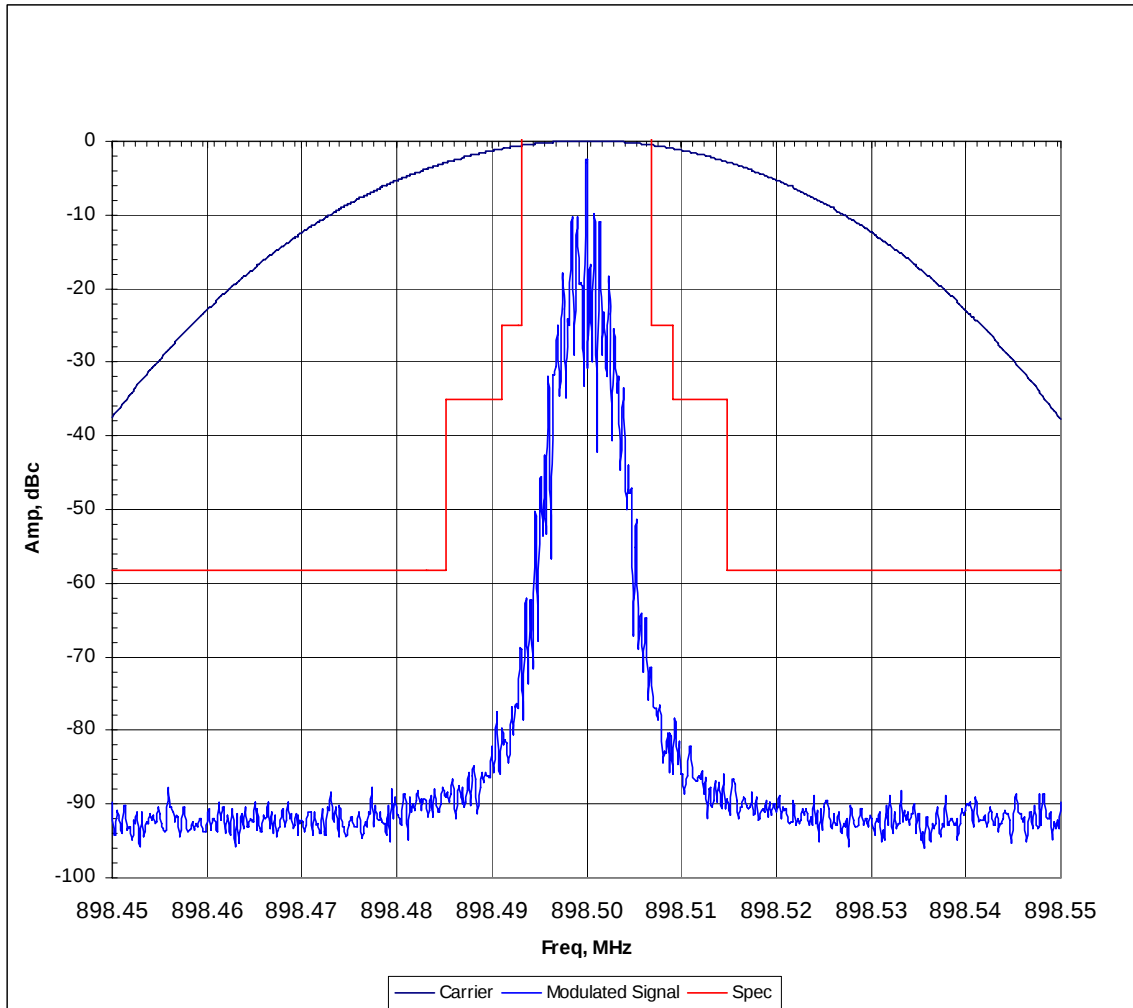
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, DPL 131
EMISSION MASK: I



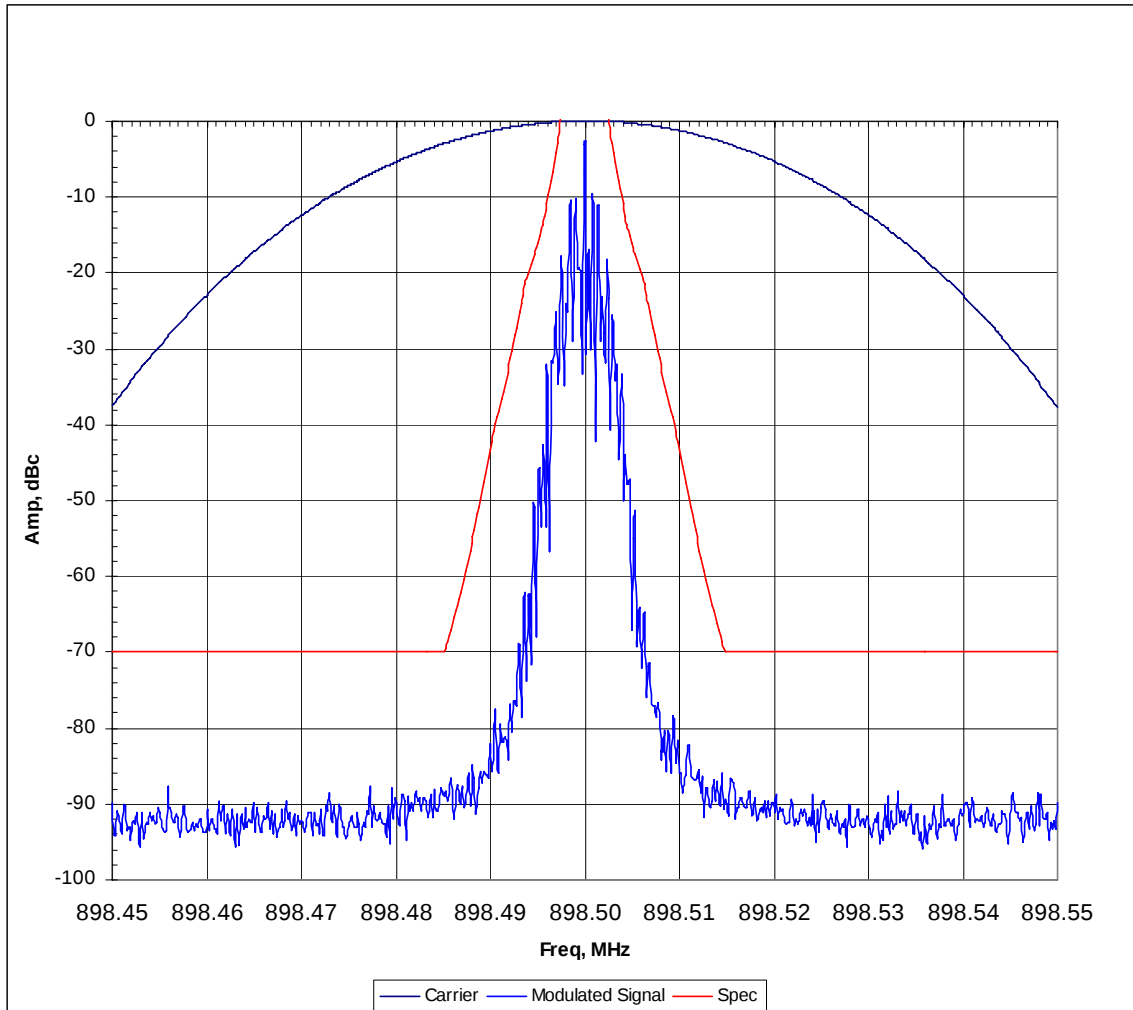
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 2000/3000 Hz FSK, DPL 131
EMISSION MASK: J



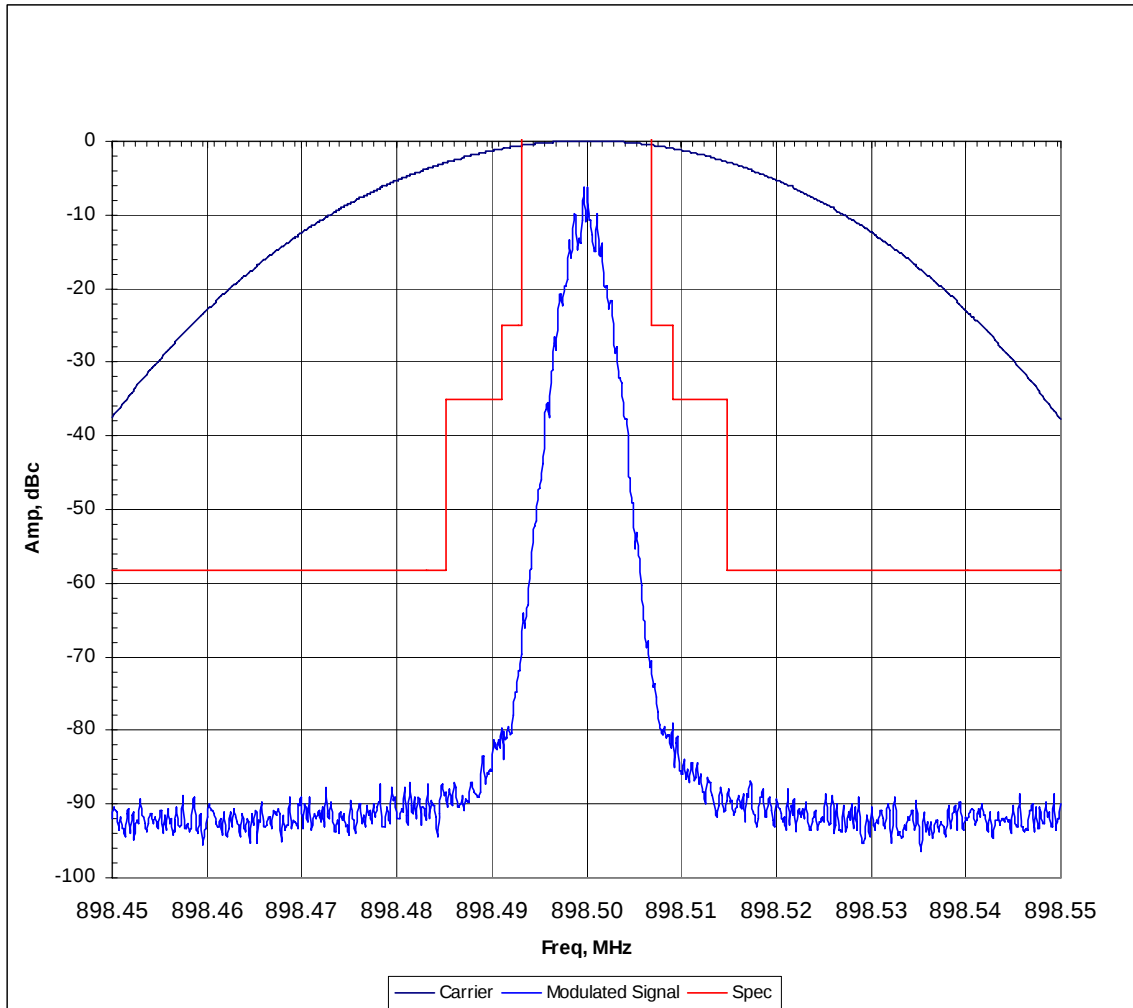
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, CARRIER SQUELCH
EMISSION MASK: I



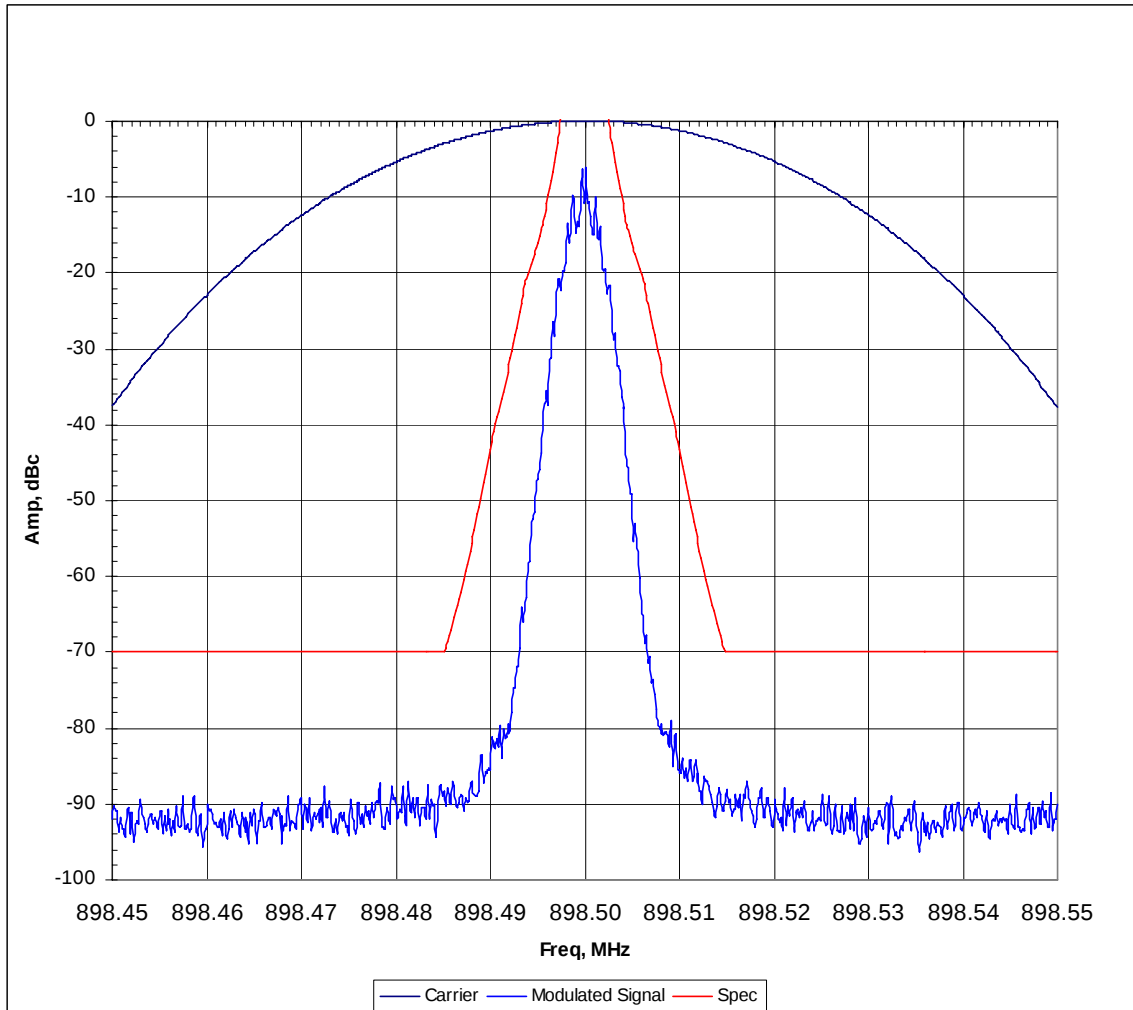
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, CARRIER SQUELCH
EMISSION MASK: J



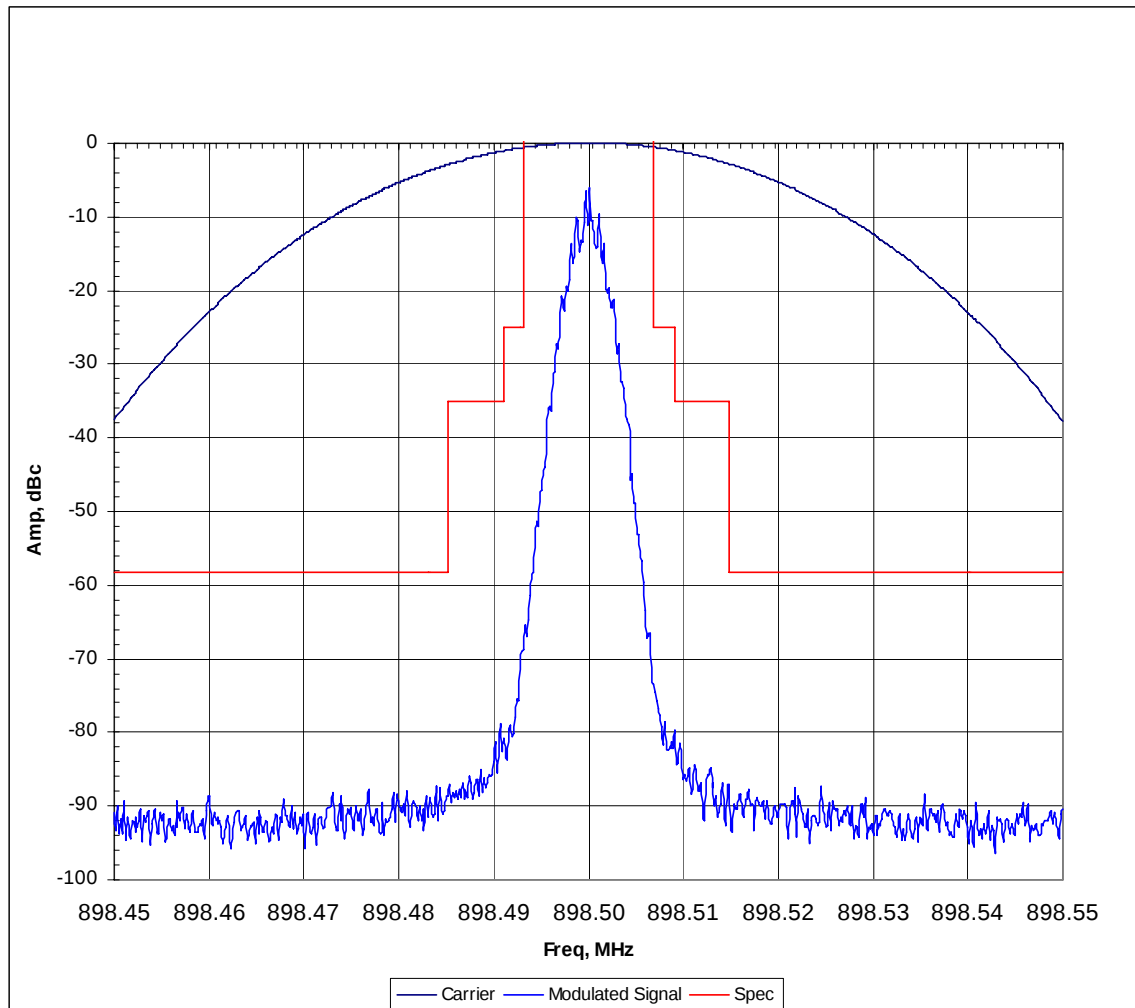
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, TPL 250.3 Hz
EMISSION MASK: I



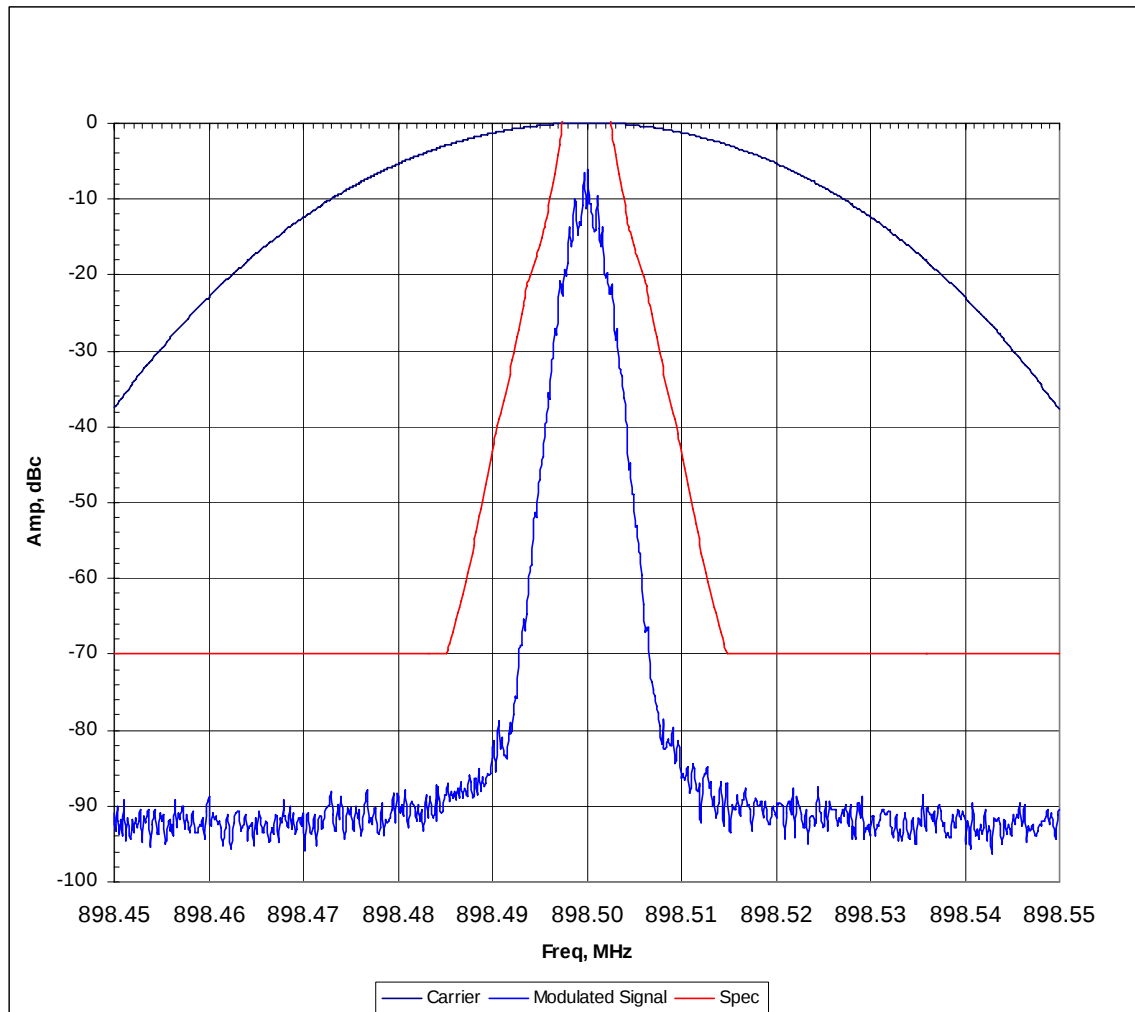
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, TPL 250.3 Hz
EMISSION MASK: J



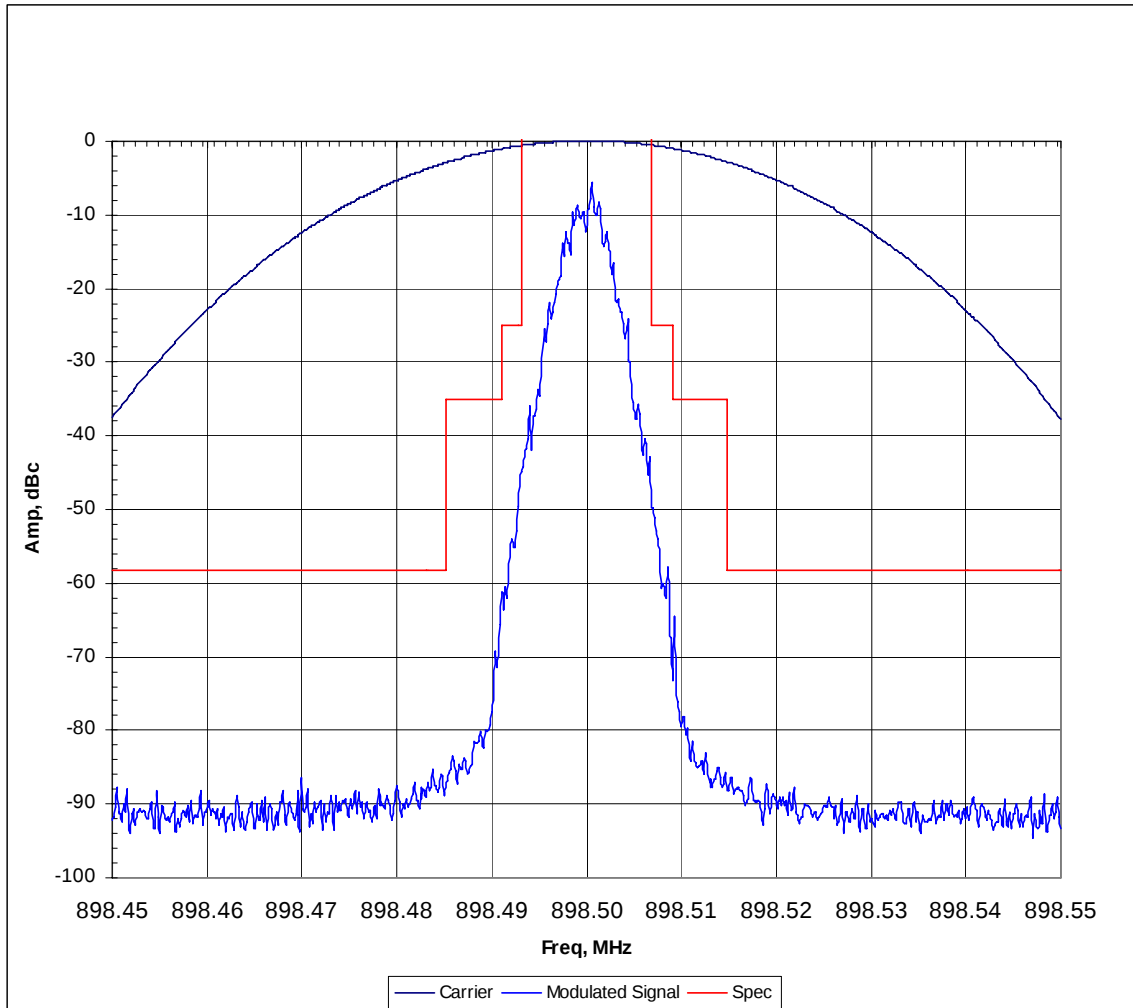
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, DPL 131
EMISSION MASK: I



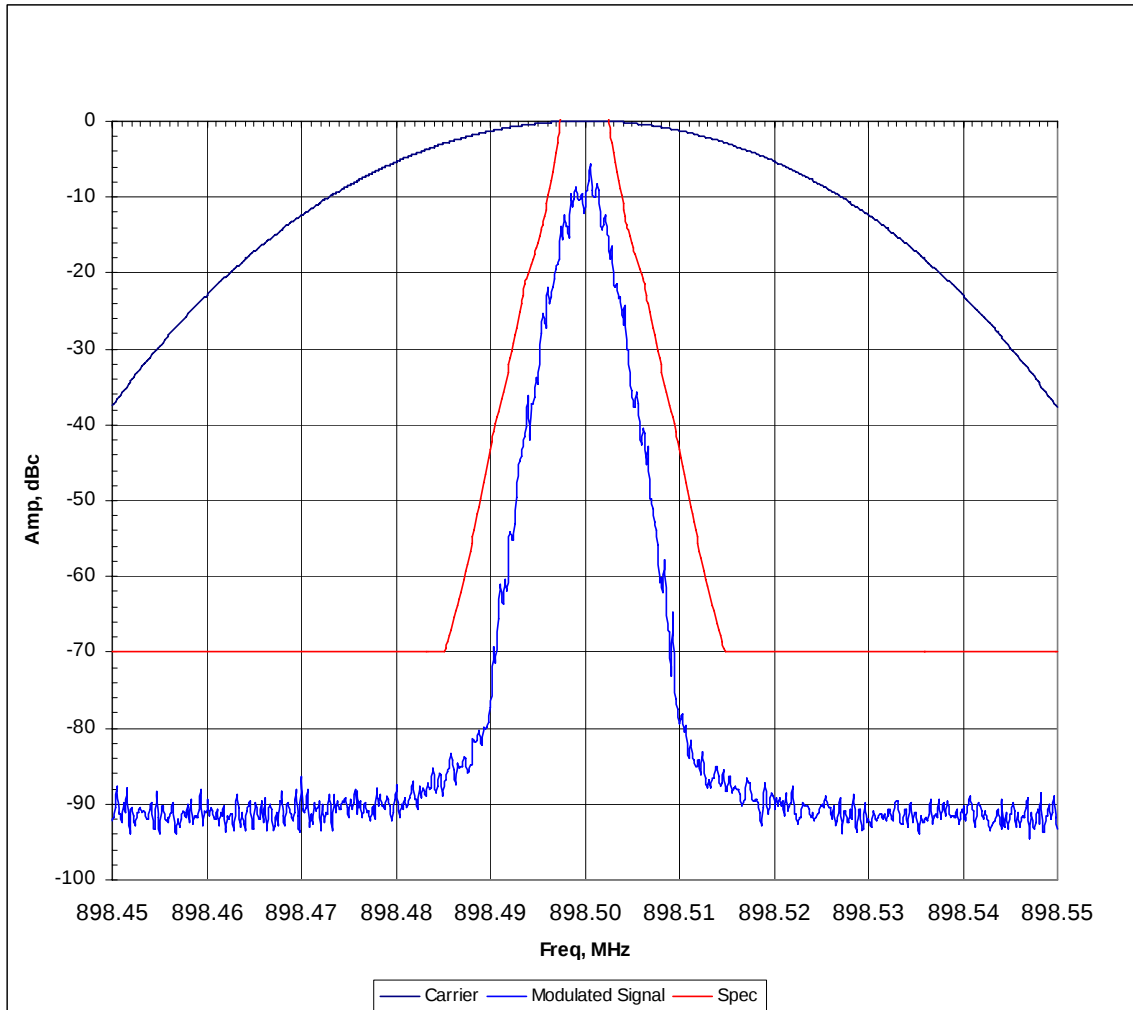
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, DTMF MODULATION, DPL 131
EMISSION MASK: J



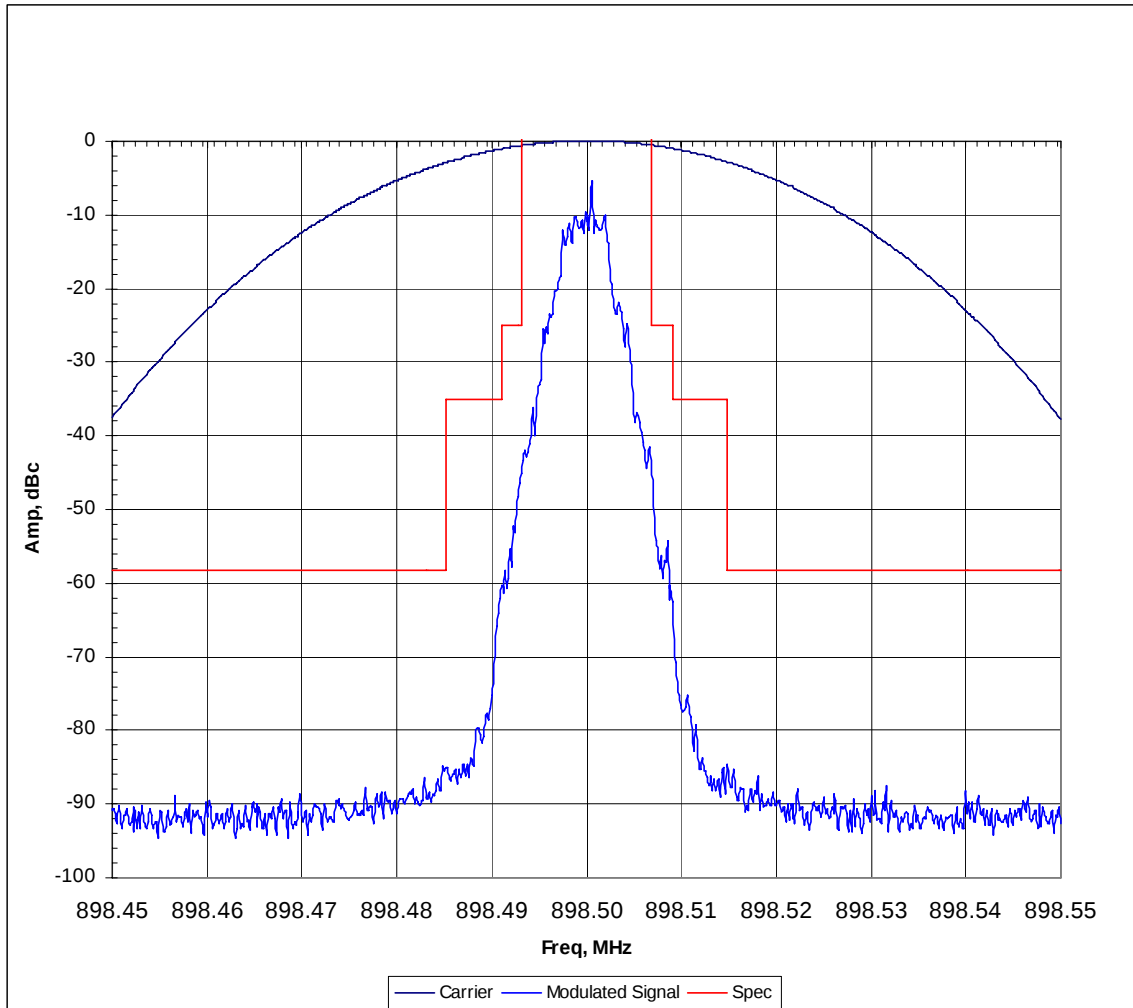
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Voice Modulation (7K60FXD)
EMISSION MASK: I



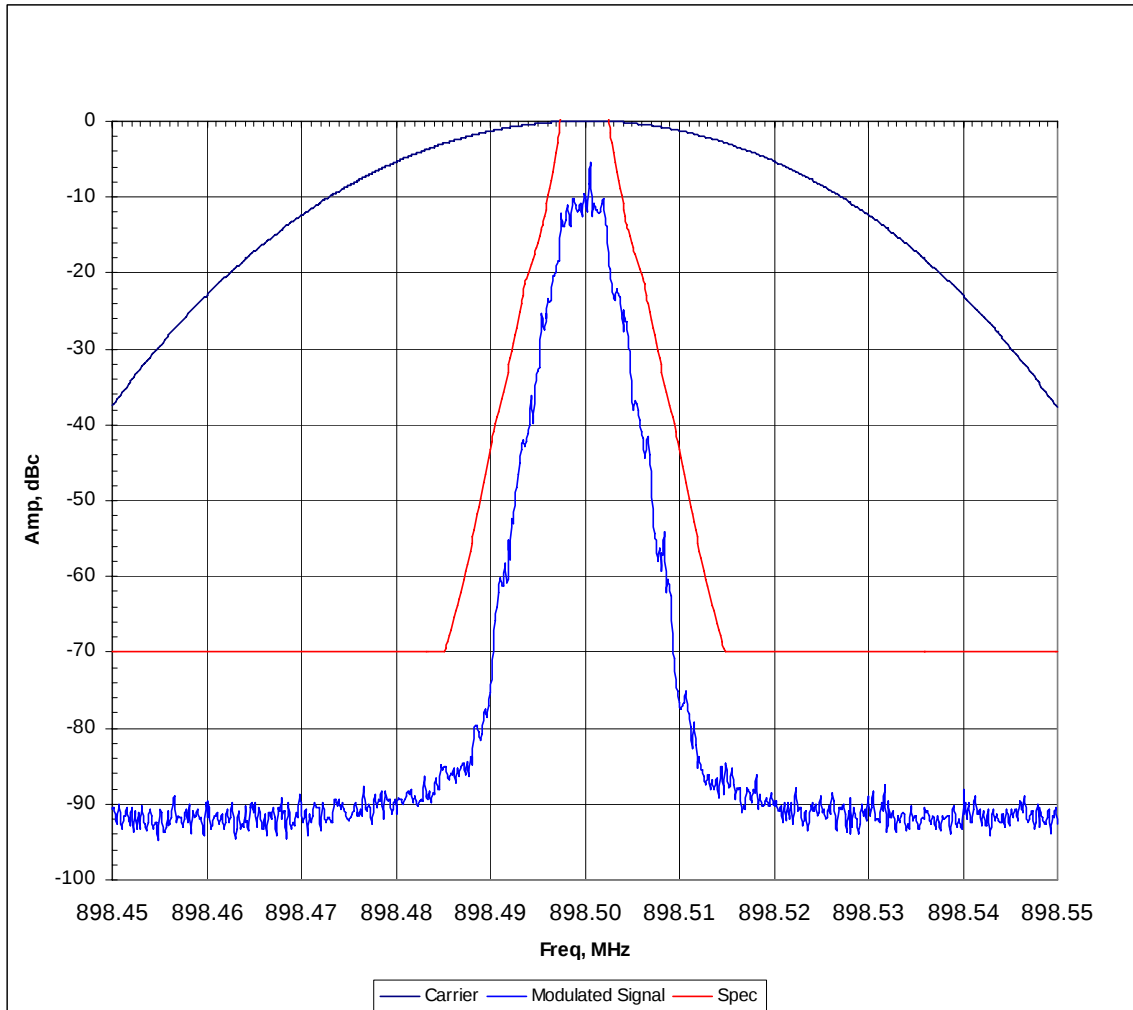
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Voice Modulation (7K60FXD)
EMISSION MASK: J



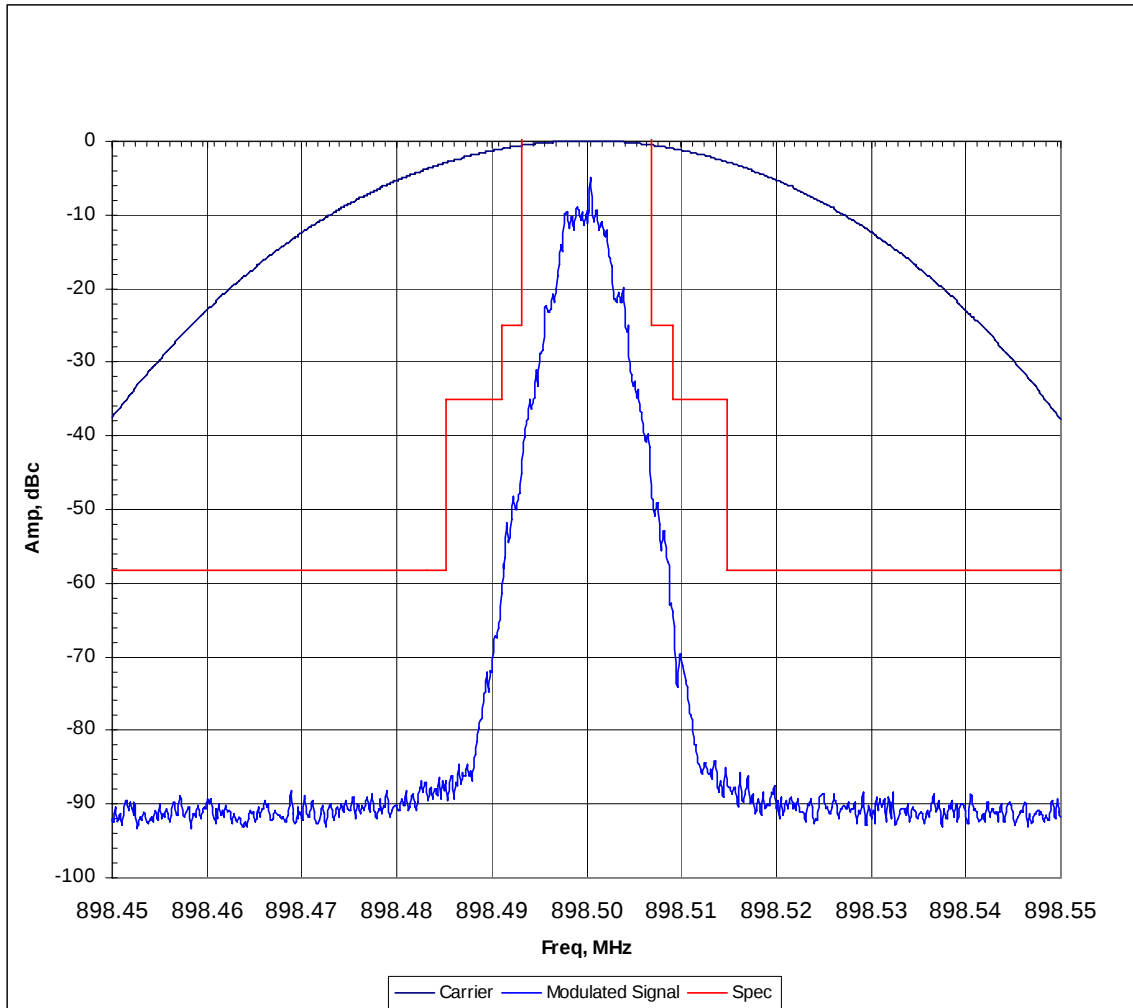
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Data Modulation (7K60FXD)
EMISSION MASK: I



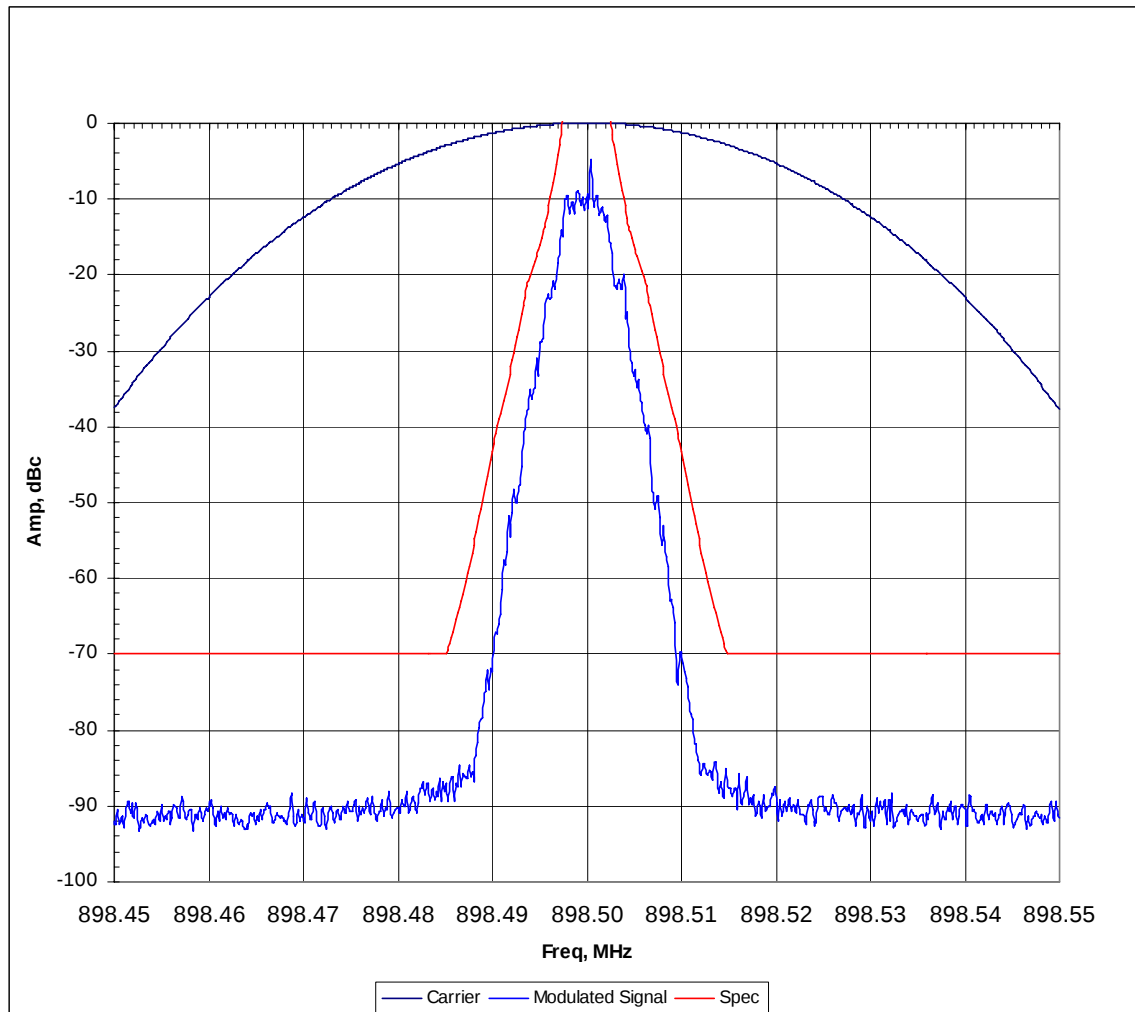
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Data Modulation (7K60FXD)
EMISSION MASK: J



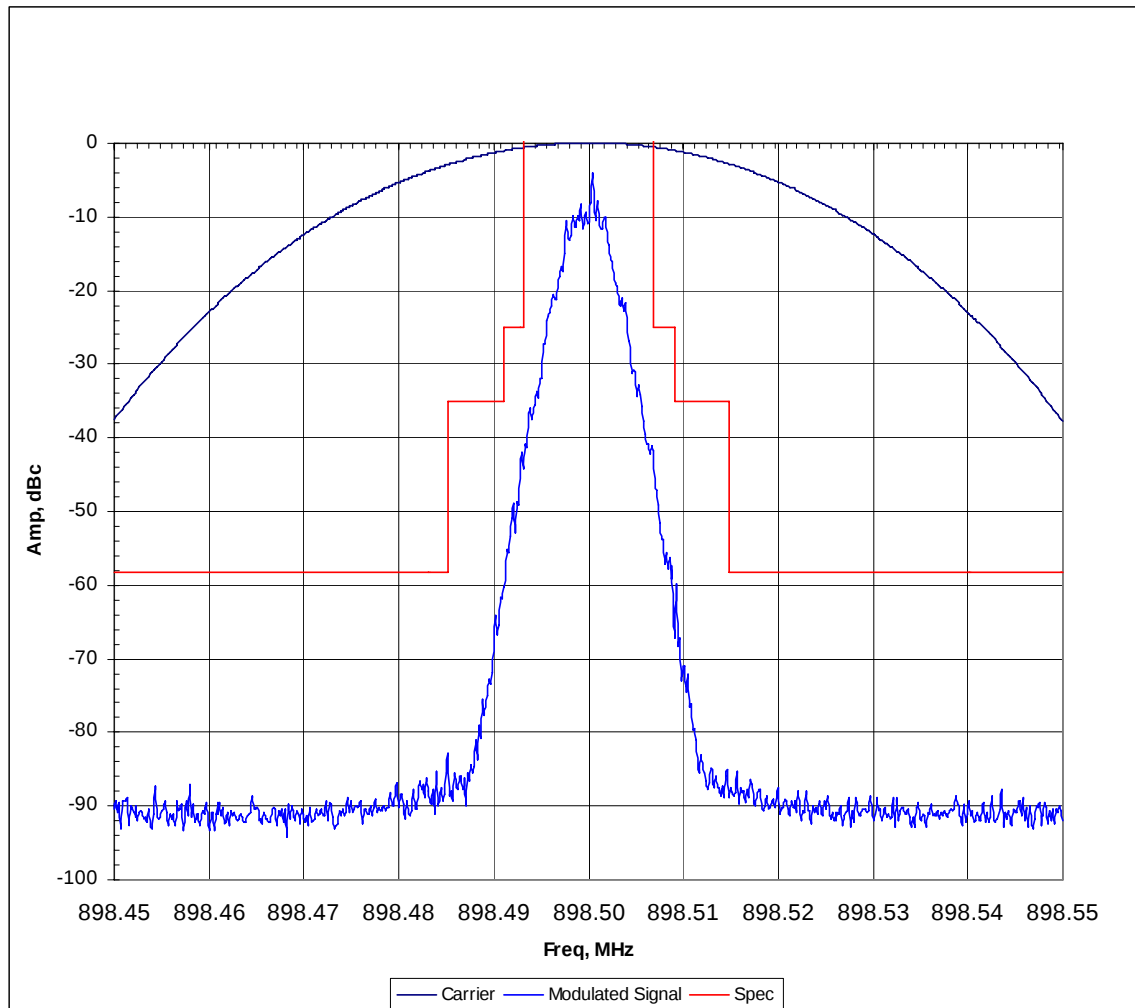
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, APCO25 Digital Voice
EMISSION MASK: I



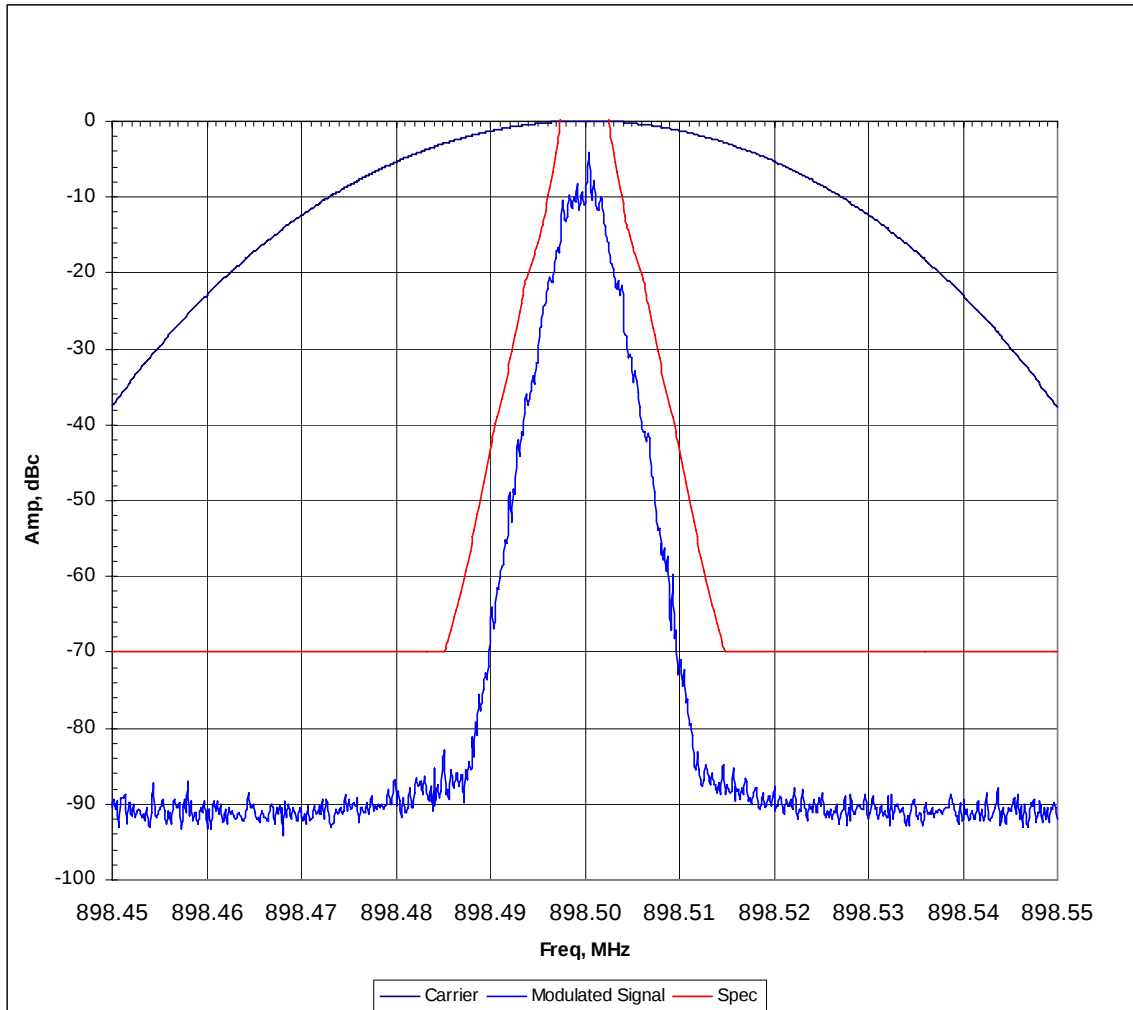
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, APCO25 Digital Voice
EMISSION MASK: J



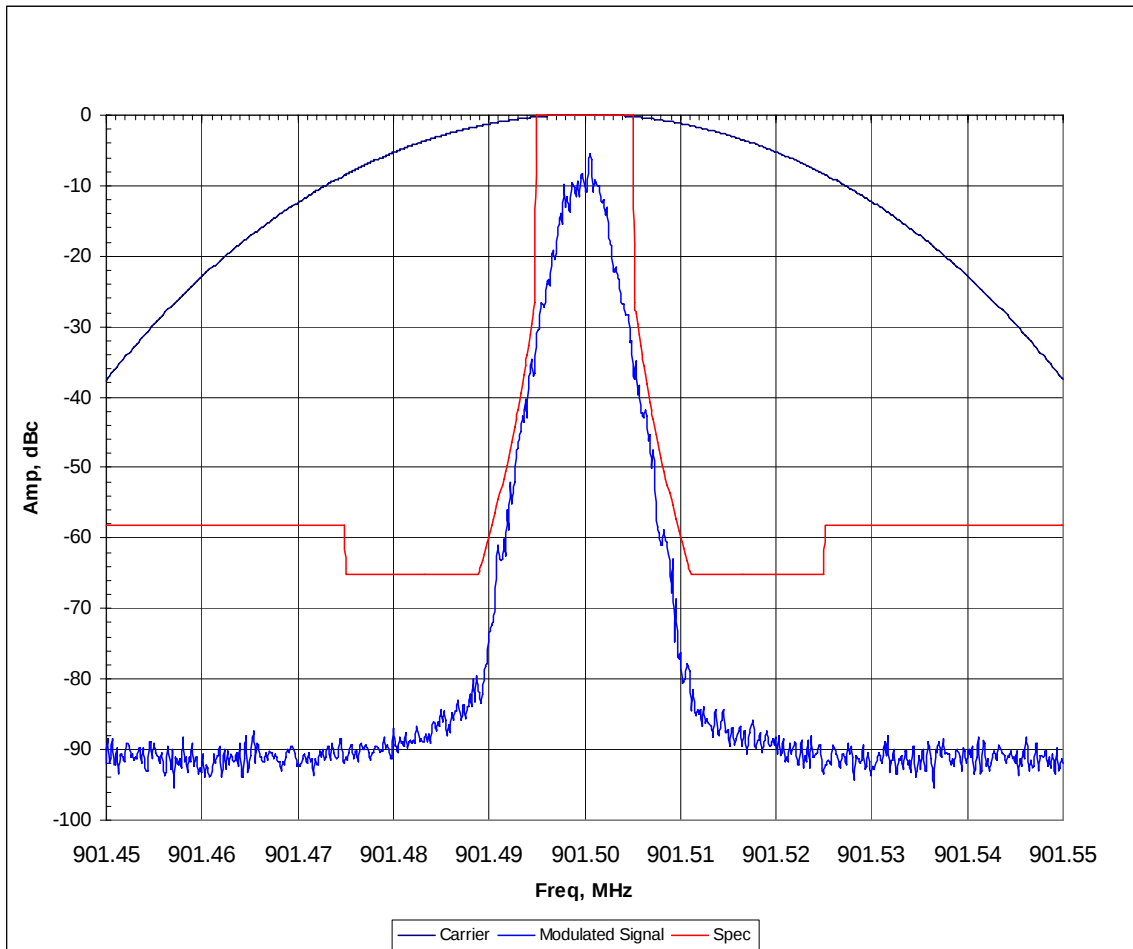
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, APCO25 Digital Data
EMISSION MASK: I



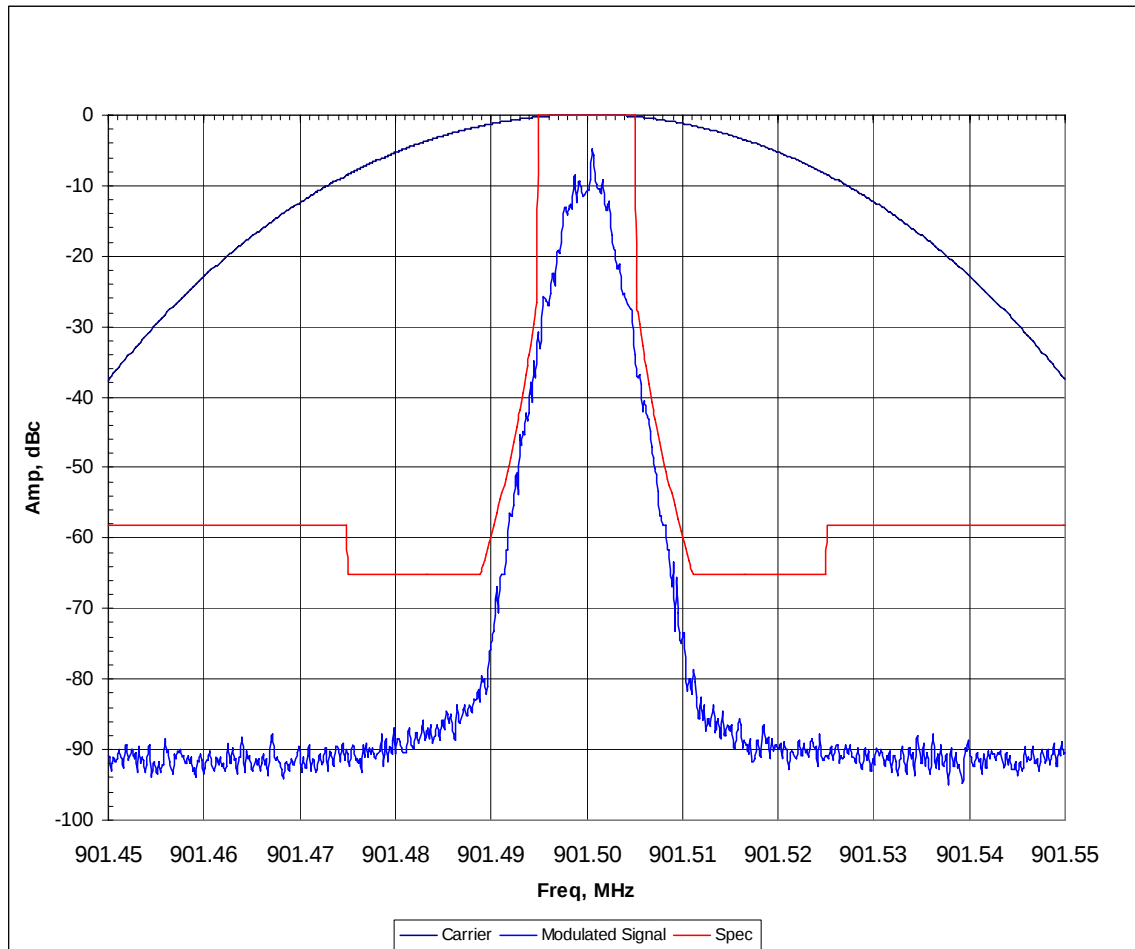
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, APCO25 Digital Data
EMISSION MASK: J



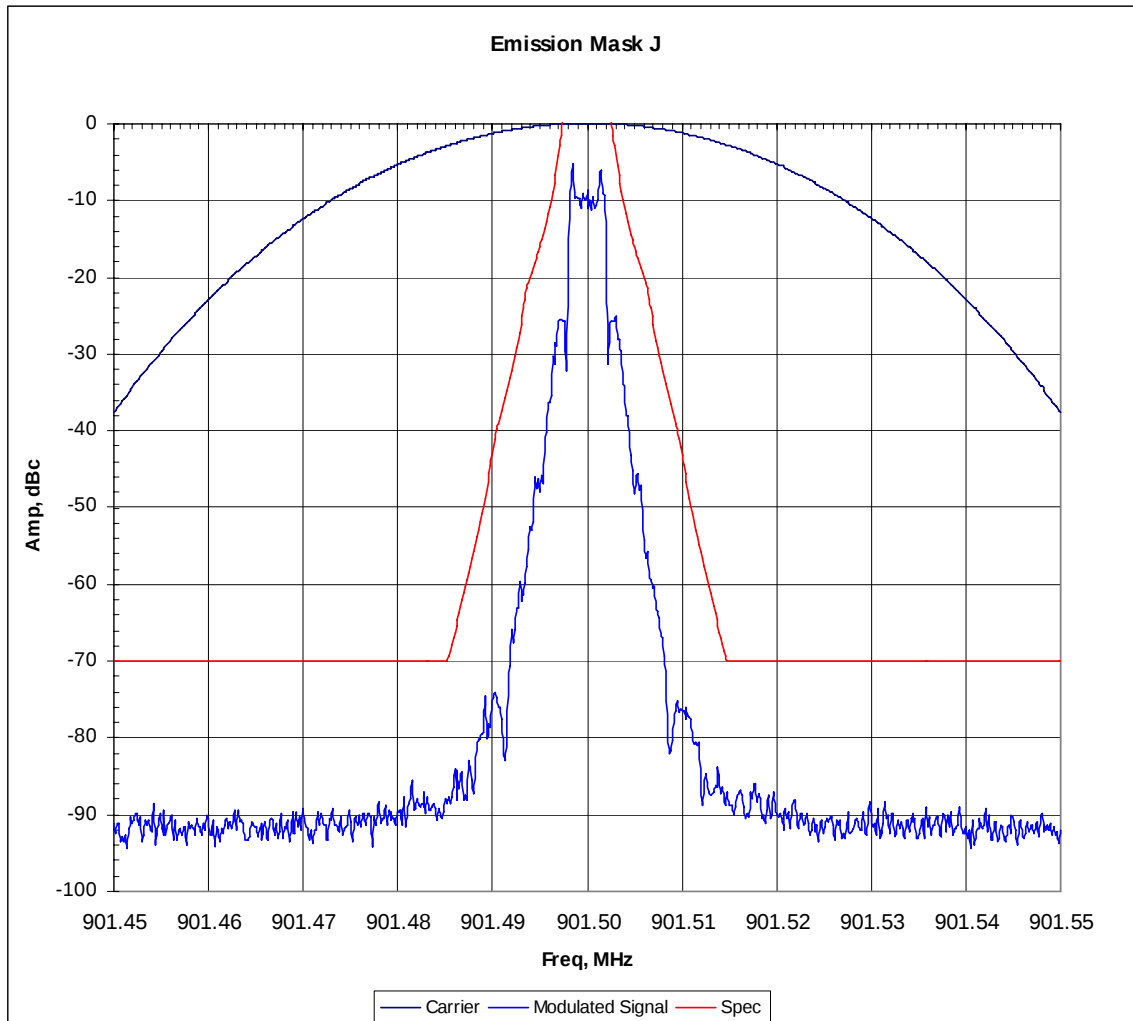
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Voice Modulation (7K60FXD)
EMISSION MASK: 24.133



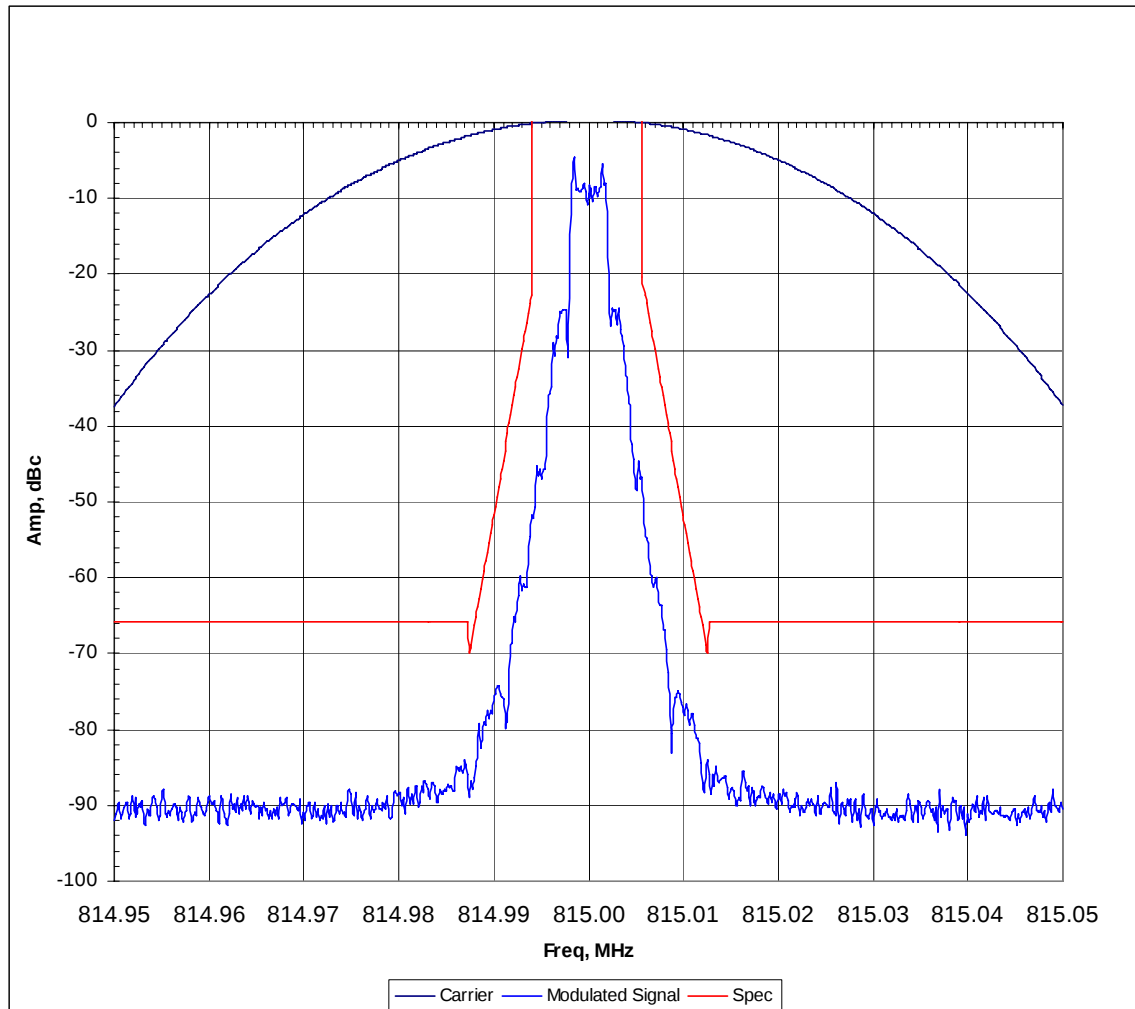
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, O.153 Test Pattern 4FSK, Data Modulation (7K60FXD)
EMISSION MASK: 24.133



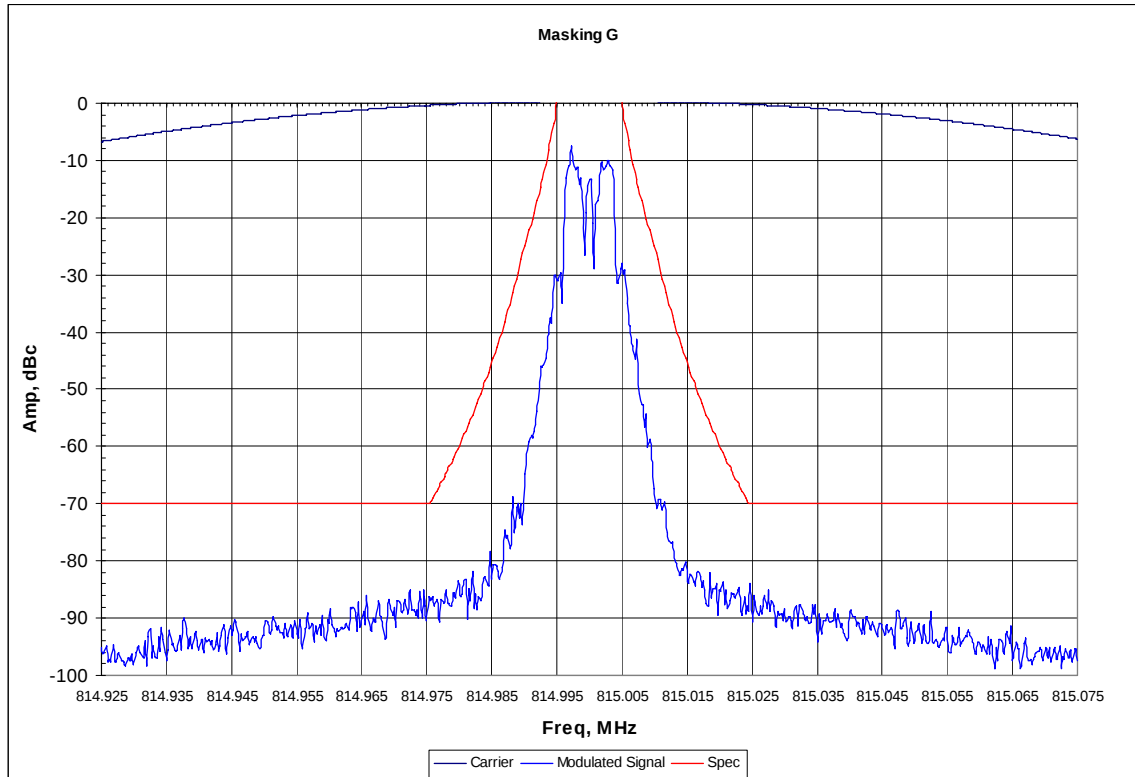
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 3600 Bauds Trunking Data
EMISSION MASK: J



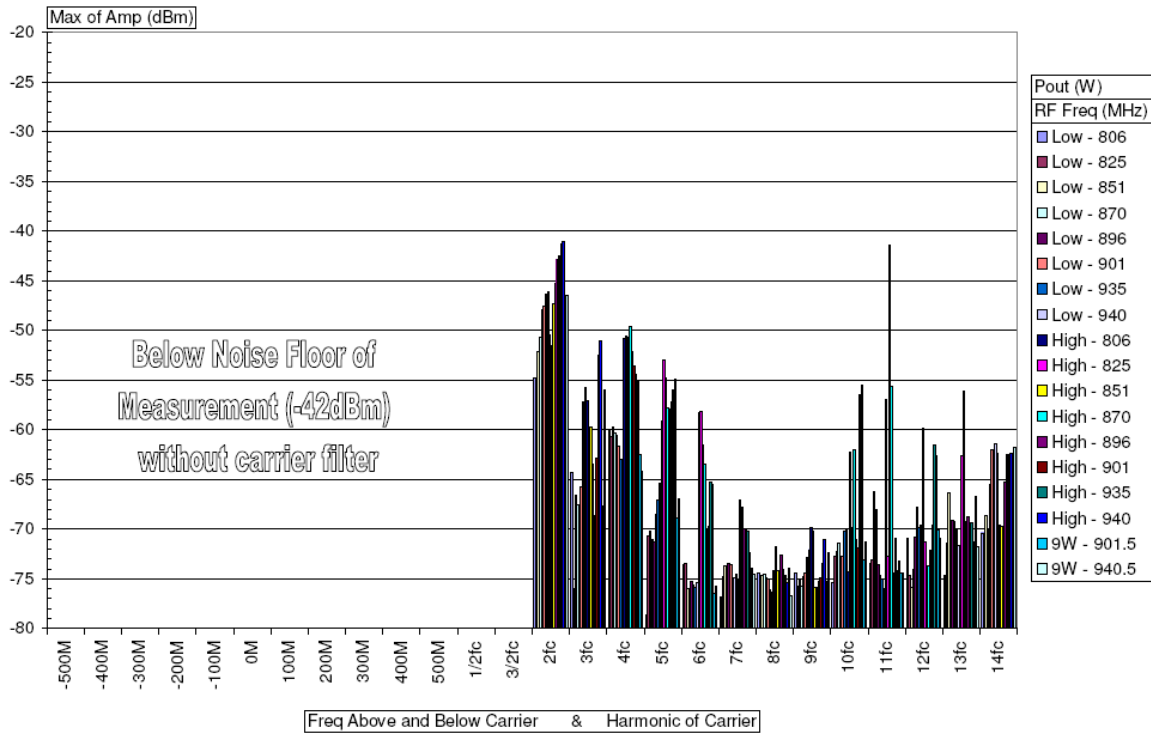
OCCUPIED BANDWIDTH MEASUREMENT FOR
12.5 kHz CHANNEL SPACING, 3600 Bauds Trunking Data
EMISSION MASK: D



OCCUPIED BANDWIDTH MEASUREMENT FOR
25 kHz CHANNEL SPACING, 3600 Bauds Trunking Data
EMISSION MASK: G



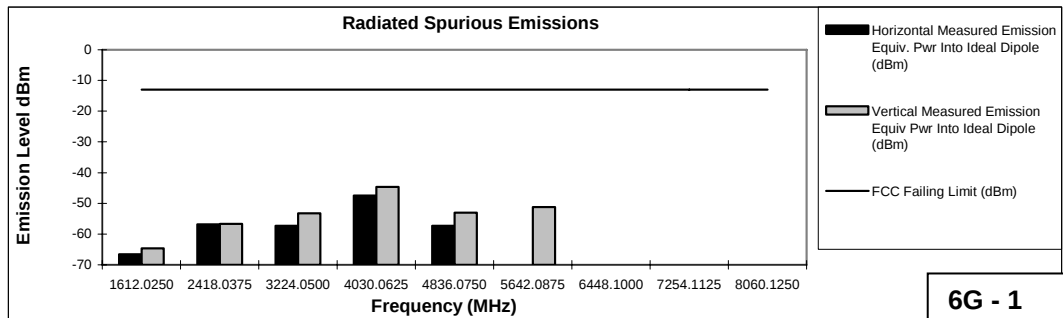
CONDUCTED SPURIOUS EMISSIONS



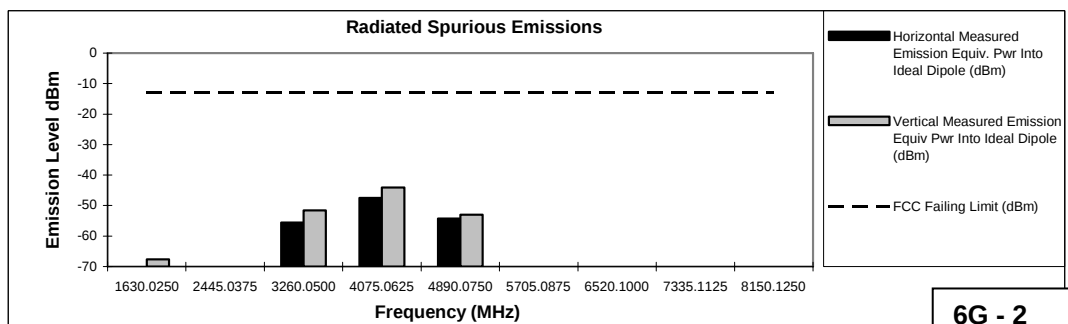
The conducted spurious level is plotted in dBm on the vertical axis.
All non-harmonic emissions are at or below the noise floor.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 42 Watts****806.0125 MHz****Channel Spacing 25kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-13	-66.56	-64.58
2418.0375	-13	-56.82	-56.63
3224.0500	-13	-57.23	-53.23
4030.0625	-13	-47.47	-44.61
4836.0750	-13	-57.29	-53.04
5642.0875	-13	*	-51.13
6448.1000	-13	*	*
7254.1125	-13	*	*
8060.1250	-13	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580****Tx Power: 42 Watts****815.0125 MHz****Channel Spacing 25kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1630.0250	-13	-70.80	-67.62
2445.0375	-13	*	*
3260.0500	-13	-55.59	-51.61
4075.0625	-13	-47.45	-44.06
4890.0750	-13	-54.21	-52.96
5705.0875	-13	*	*
6520.1000	-13	*	*
7335.1125	-13	*	*
8150.1250	-13	*	*

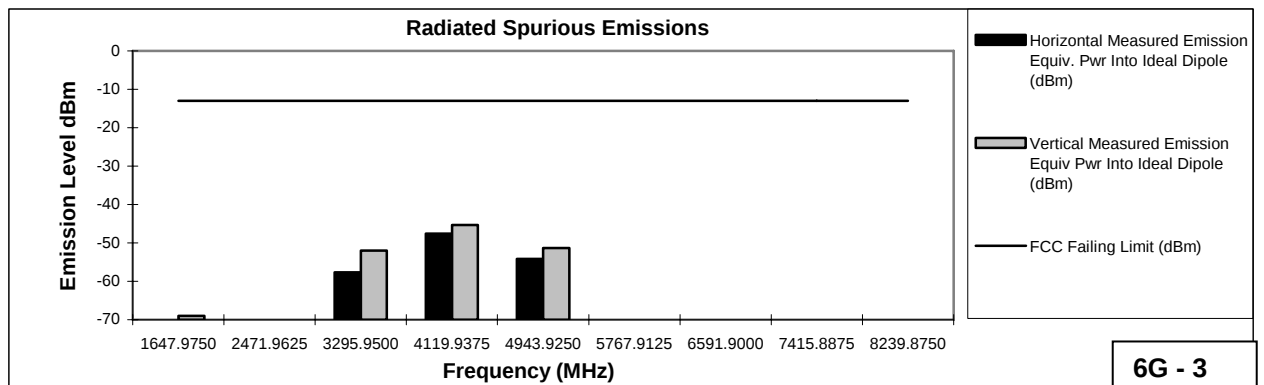


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 42 Watts****823.9875 MHz****Channel Spacing 25kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-13	*	-69.01
2471.9625	-13	*	*
3295.9500	-13	-57.66	-51.99
4119.9375	-13	-47.57	-45.36
4943.9250	-13	-54.16	-51.33
5767.9125	-13	*	*
6591.9000	-13	*	*
7415.8875	-13	*	*
8239.8750	-13	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

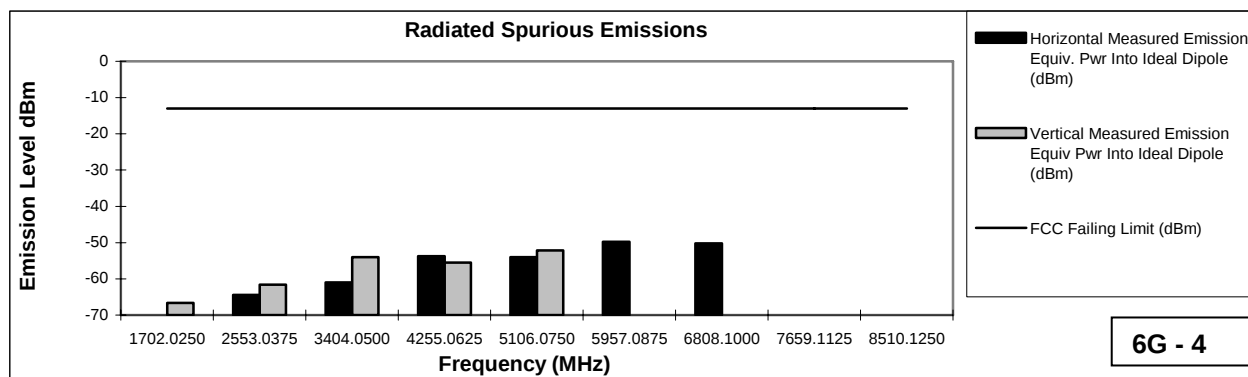
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

July 6, 2009

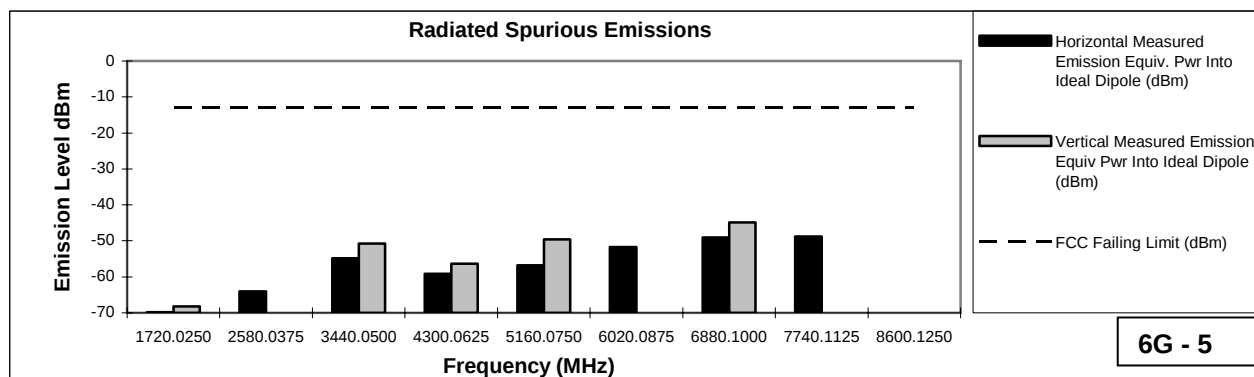
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 42 Watts****851.0125 MHz****Channel Spacing 25kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-13	-70.51	-66.61
2553.0375	-13	-64.47	-61.59
3404.0500	-13	-60.96	-54.00
4255.0625	-13	-53.75	-55.47
5106.0750	-13	-53.98	-52.17
5957.0875	-13	-49.72	*
6808.1000	-13	-50.20	*
7659.1125	-13	*	*
8510.1250	-13	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580****Tx Power: 42 Watts****860.0125 MHz****Channel Spacing 25kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1720.0250	-13	-69.82	-68.26
2580.0375	-13	-64.00	*
3440.0500	-13	-54.88	-50.74
4300.0625	-13	-59.14	-56.39
5160.0750	-13	-56.84	-49.57
6020.0875	-13	-51.78	*
6880.1000	-13	-49.04	-44.90
7740.1125	-13	-48.79	*
8600.1250	-13	*	*

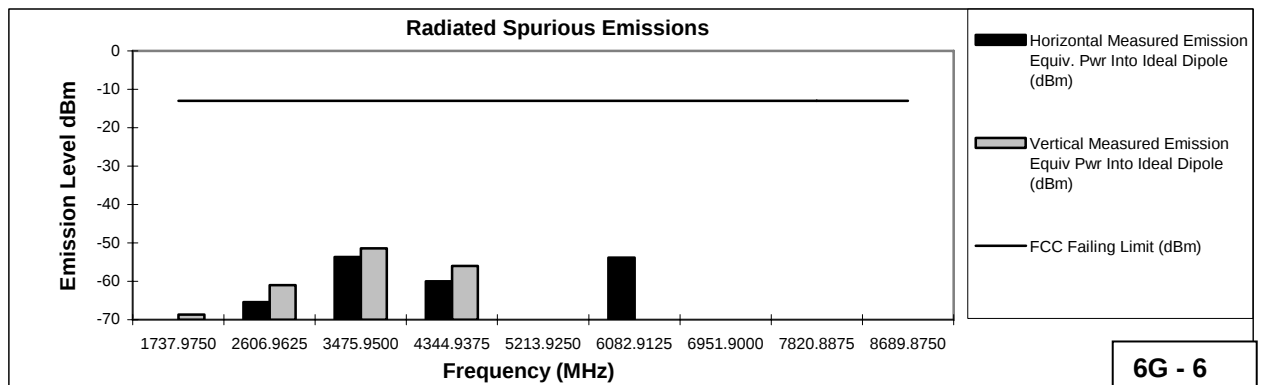


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 42 Watts****868.9875 MHz****Channel Spacing 25kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1737.9750	-13	-72.77	-68.65
2606.9625	-13	-65.43	-61.02
3475.9500	-13	-53.67	-51.45
4344.9375	-13	-59.96	-56.04
5213.9250	-13	*	*
6082.9125	-13	-53.79	*
6951.9000	-13	*	*
7820.8875	-13	*	*
8689.8750	-13	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

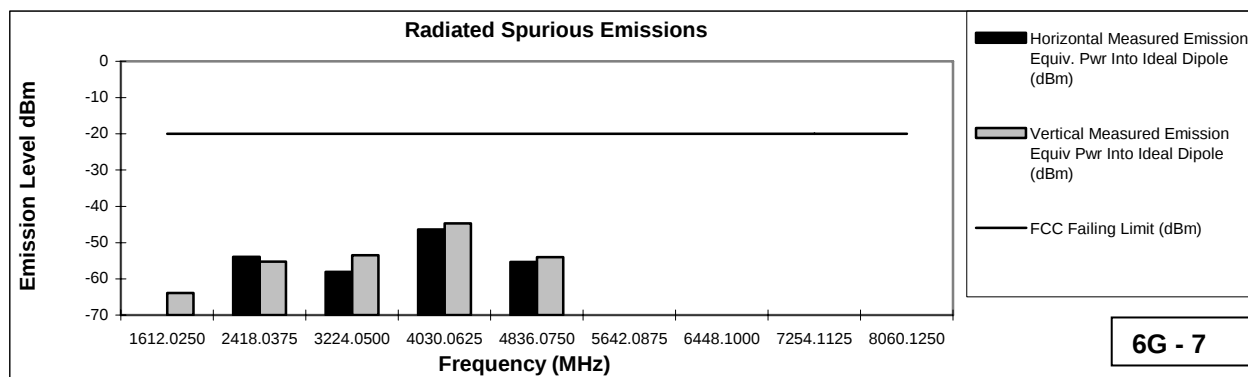
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

July 7, 2009

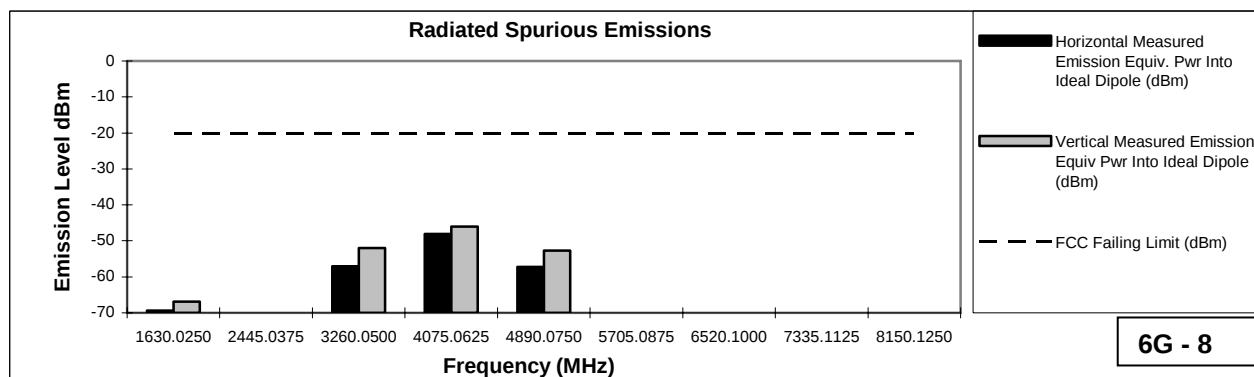
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 42 Watts****806.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-20	-70.98	-63.92
2418.0375	-20	-53.87	-55.21
3224.0500	-20	-58.03	-53.50
4030.0625	-20	-46.42	-44.69
4836.0750	-20	-55.32	-54.02
5642.0875	-20	*	*
6448.1000	-20	*	*
7254.1125	-20	*	*
8060.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580****Tx Power: 42 Watts****815.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1630.0250	-20	-69.42	-66.85
2445.0375	-20	*	*
3260.0500	-20	-57.12	-52.01
4075.0625	-20	-48.07	-46.06
4890.0750	-20	-57.28	-52.76
5705.0875	-20	*	*
6520.1000	-20	*	*
7335.1125	-20	*	*
8150.1250	-20	*	*

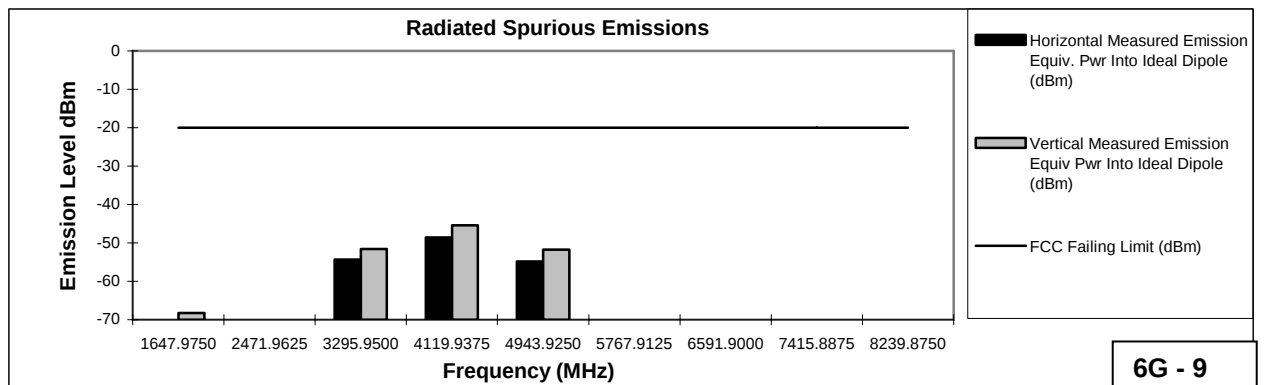


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 42 Watts****823.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-20	-73.99	-68.22
2471.9625	-20	*	*
3295.9500	-20	-54.34	-51.62
4119.9375	-20	-48.54	-45.45
4943.9250	-20	-54.79	-51.74
5767.9125	-20	*	*
6591.9000	-20	*	*
7415.8875	-20	*	*
8239.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

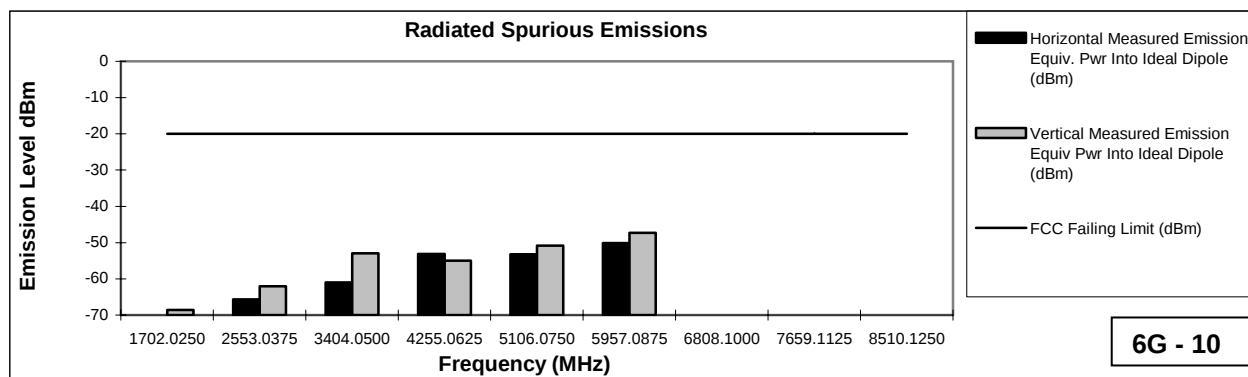
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

July 2, 2009

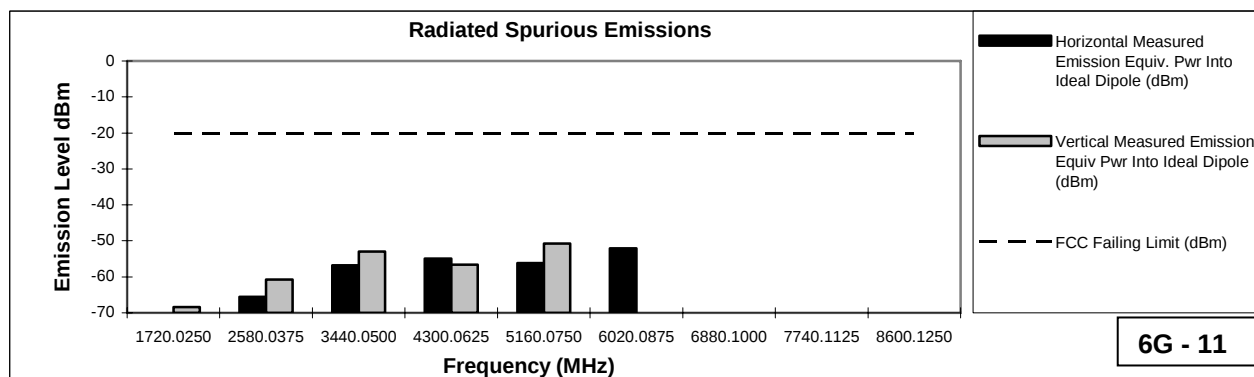
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 42 Watts****851.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-20	-72.95	-68.59
2553.0375	-20	-65.63	-62.01
3404.0500	-20	-61.02	-52.92
4255.0625	-20	-53.15	-54.96
5106.0750	-20	-53.22	-50.79
5957.0875	-20	-50.14	-47.31
6808.1000	-20	*	*
7659.1125	-20	*	*
8510.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580****Tx Power: 42 Watts****860.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1720.0250	-20	-70.99	-68.40
2580.0375	-20	-65.53	-60.73
3440.0500	-20	-56.81	-53.02
4300.0625	-20	-54.92	-56.63
5160.0750	-20	-56.15	-50.77
6020.0875	-20	-52.12	*
6880.1000	-20	*	*
7740.1125	-20	*	*
8600.1250	-20	*	*

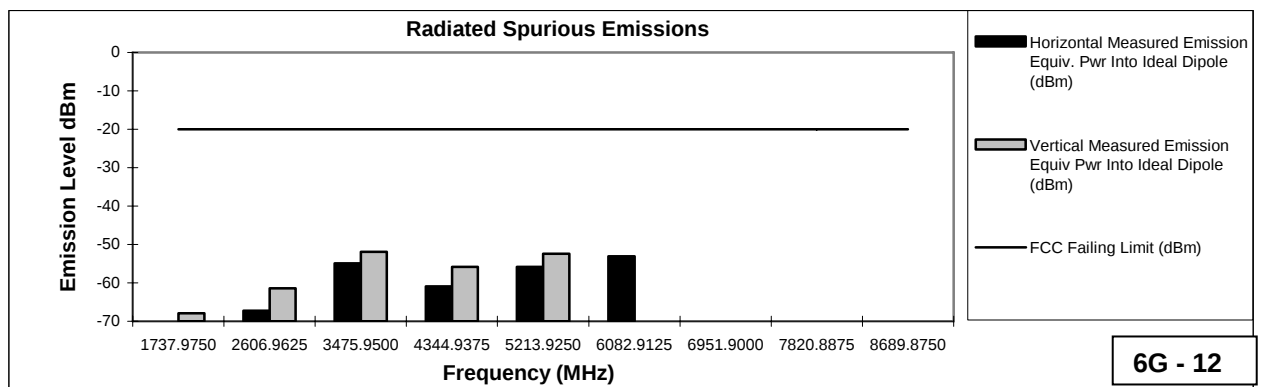


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 42 Watts****868.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1737.9750	-20	-73.26	-67.95
2606.9625	-20	-67.25	-61.43
3475.9500	-20	-54.91	-51.92
4344.9375	-20	-60.88	-55.81
5213.9250	-20	-55.80	-52.45
6082.9125	-20	-53.07	*
6951.9000	-20	*	*
7820.8875	-20	*	*
8689.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

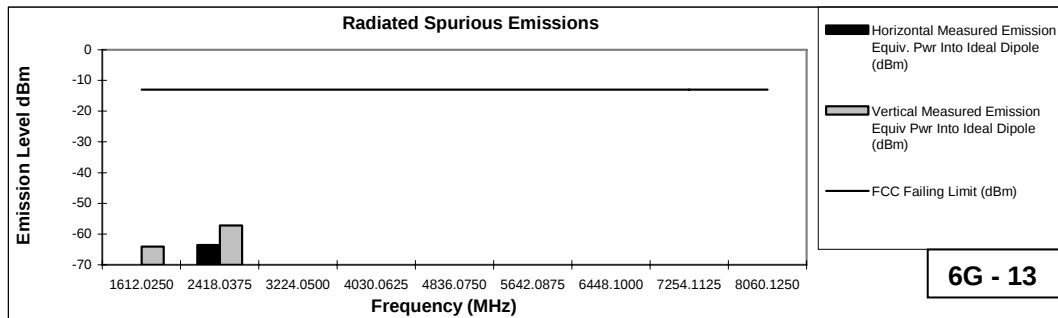
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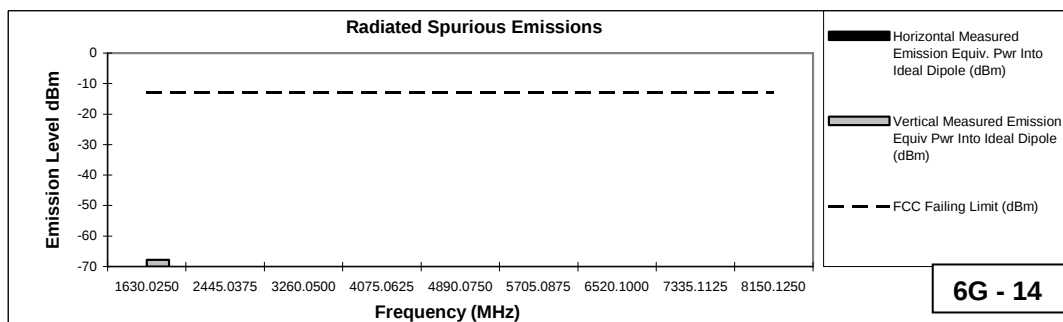
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 10 Watts****806.0125 MHz****Channel Spacing 25kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-13	-71.69	-64.12
2418.0375	-13	-63.58	-57.20
3224.0500	-13	*	*
4030.0625	-13	*	*
4836.0750	-13	*	*
5642.0875	-13	*	*
6448.1000	-13	*	*
7254.1125	-13	*	*
8060.1250	-13	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580****Tx Power: 10 Watts****815.0125 MHz****Channel Spacing 25kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1630.0250	-13	-70.87	-67.75
2445.0375	-13	*	*
3260.0500	-13	*	*
4075.0625	-13	*	*
4890.0750	-13	*	*
5705.0875	-13	*	*
6520.1000	-13	*	*
7335.1125	-13	*	*
8150.1250	-13	*	*

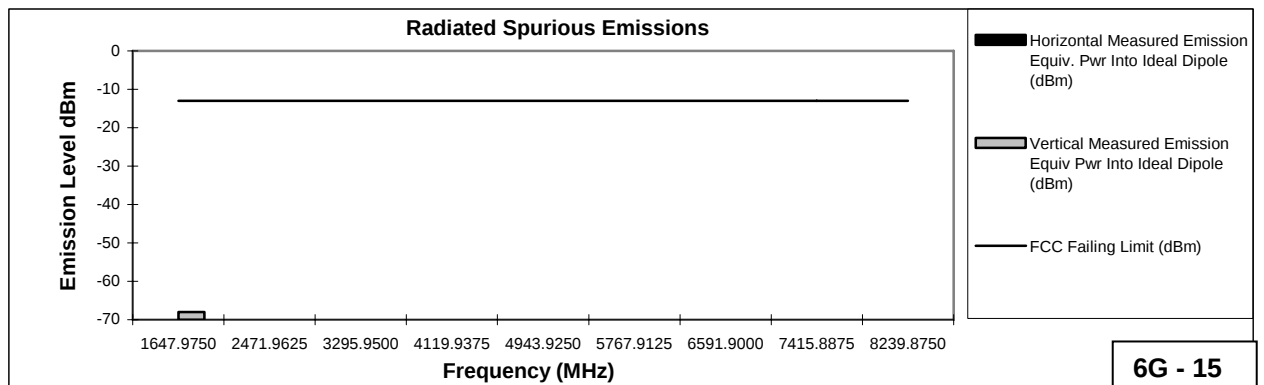


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 10 Watts****823.9875 MHz****Channel Spacing 25kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-13	-70.91	-68.01
2471.9625	-13	*	*
3295.9500	-13	*	*
4119.9375	-13	*	*
4943.9250	-13	*	*
5767.9125	-13	*	*
6591.9000	-13	*	*
7415.8875	-13	*	*
8239.8750	-13	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

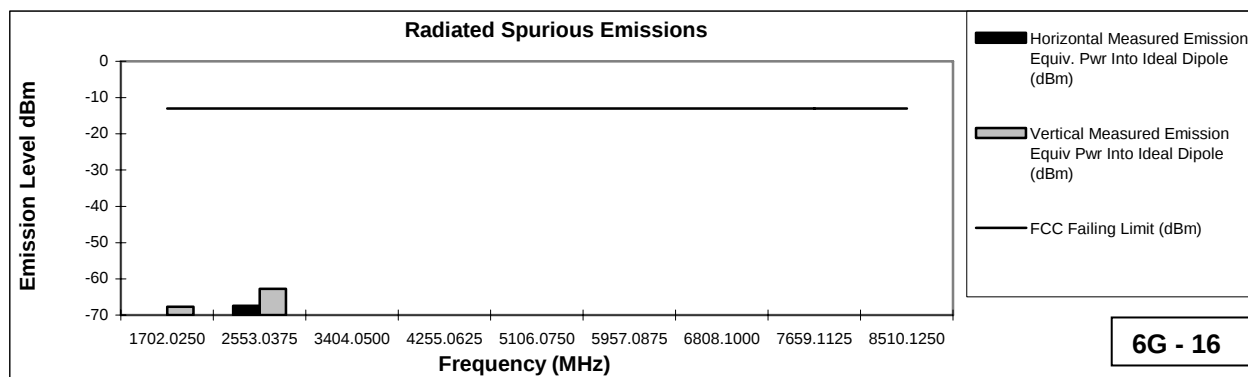
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

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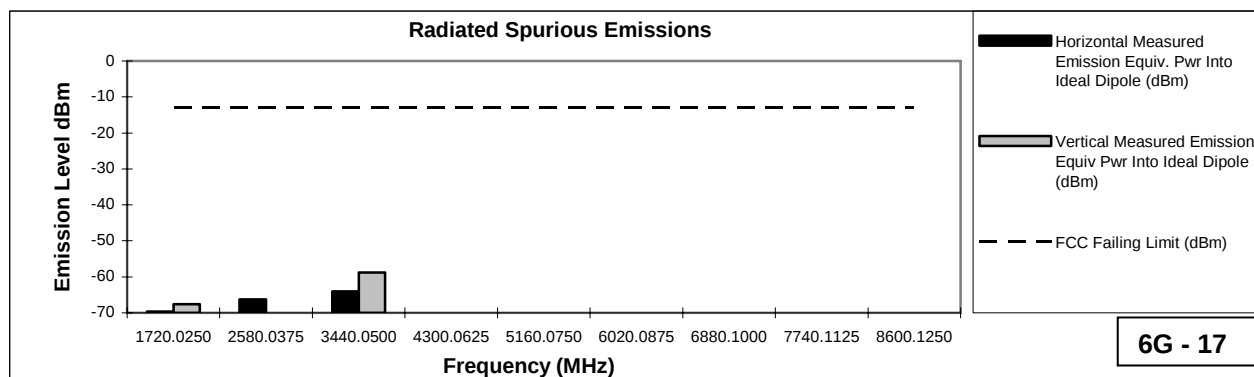
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 10 Watts****851.0125 MHz****Channel Spacing 25kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-13	-70.25	-67.70
2553.0375	-13	-67.46	-62.73
3404.0500	-13	*	*
4255.0625	-13	*	*
5106.0750	-13	*	*
5957.0875	-13	*	*
6808.1000	-13	*	*
7659.1125	-13	*	*
8510.1250	-13	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580****Tx Power: 10 Watts****860.0125 MHz****Channel Spacing 25kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1720.0250	-13	-69.68	-67.58
2580.0375	-13	-66.28	*
3440.0500	-13	-64.07	-58.77
4300.0625	-13	*	*
5160.0750	-13	*	*
6020.0875	-13	*	*
6880.1000	-13	*	*
7740.1125	-13	*	*
8600.1250	-13	*	*

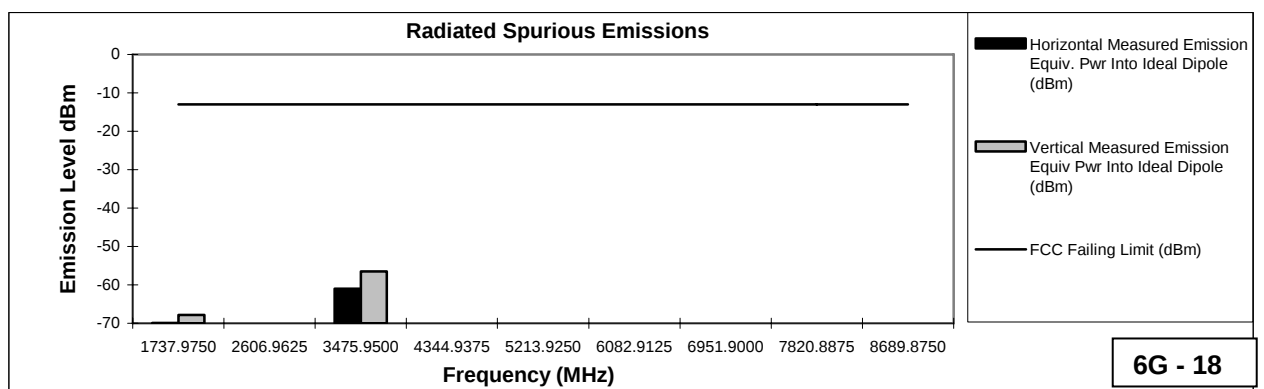


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 10 Watts****868.9875 MHz****Channel Spacing 25kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1737.9750	-13	-69.95	-67.81
2606.9625	-13	*	*
3475.9500	-13	-60.98	-56.53
4344.9375	-13	*	*
5213.9250	-13	*	*
6082.9125	-13	*	*
6951.9000	-13	*	*
7820.8875	-13	*	*
8689.8750	-13	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

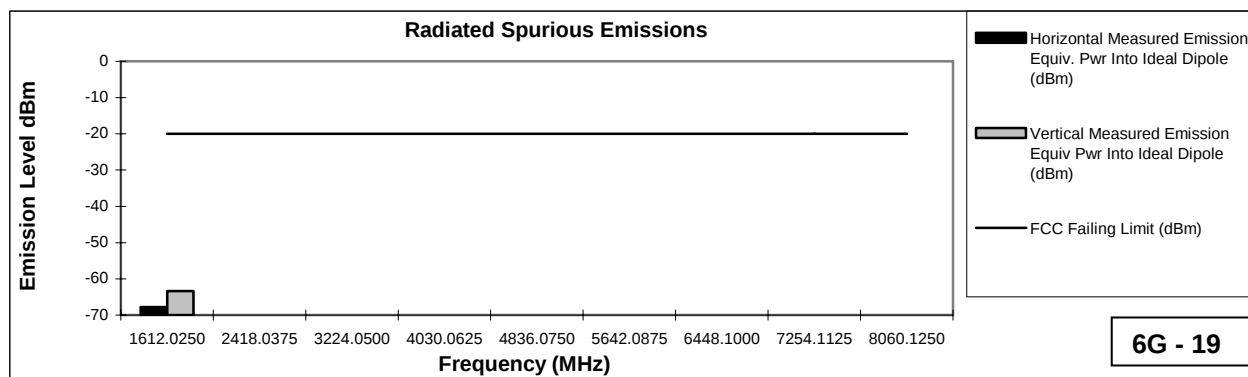
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

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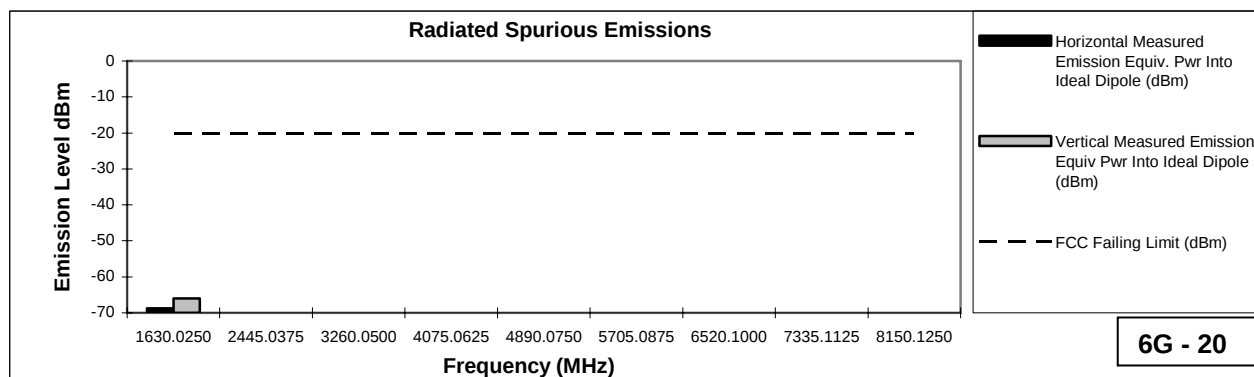
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 10 Watts****806.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-20	-67.76	-63.41
2418.0375	-20	*	*
3224.0500	-20	*	*
4030.0625	-20	*	*
4836.0750	-20	*	*
5642.0875	-20	*	*
6448.1000	-20	*	*
7254.1125	-20	*	*
8060.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580****Tx Power: 10 Watts****815.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1630.0250	-20	-68.79	-65.98
2445.0375	-20	*	*
3260.0500	-20	*	*
4075.0625	-20	*	*
4890.0750	-20	*	*
5705.0875	-20	*	*
6520.1000	-20	*	*
7335.1125	-20	*	*
8150.1250	-20	*	*

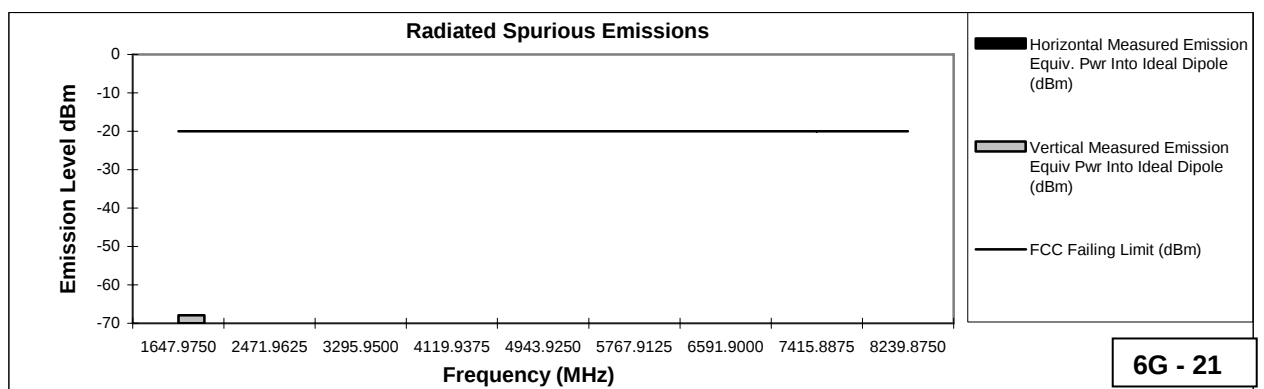


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 10 Watts****823.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-20	-71.42	-67.94
2471.9625	-20	*	*
3295.9500	-20	*	*
4119.9375	-20	*	*
4943.9250	-20	*	*
5767.9125	-20	*	*
6591.9000	-20	*	*
7415.8875	-20	*	*
8239.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

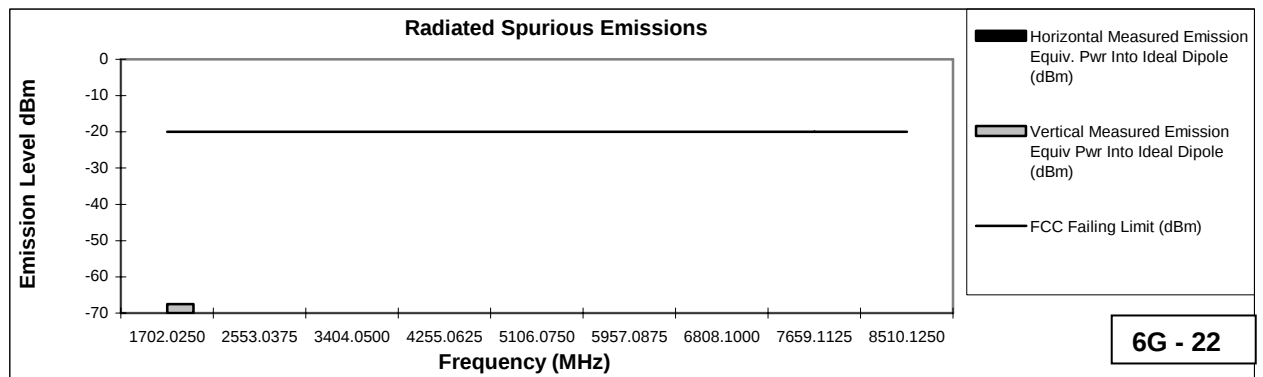
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

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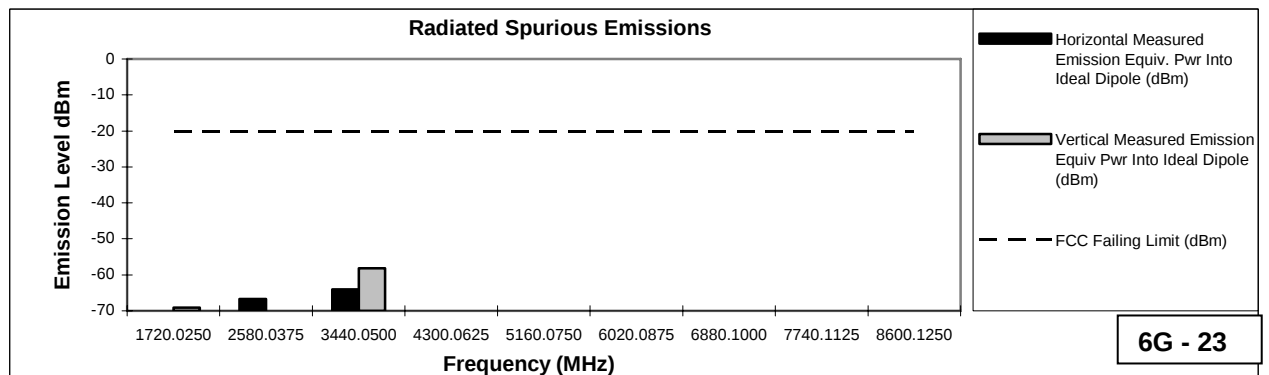
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 10 Watts****851.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-20	-71.43	-67.53
2553.0375	-20	*	*
3404.0500	-20	*	*
4255.0625	-20	*	*
5106.0750	-20	*	*
5957.0875	-20	*	*
6808.1000	-20	*	*
7659.1125	-20	*	*
8510.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580****Tx Power: 10 Watts****860.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1720.0250	-20	-71.10	-69.11
2580.0375	-20	-66.72	*
3440.0500	-20	-64.05	-58.19
4300.0625	-20	*	*
5160.0750	-20	*	*
6020.0875	-20	*	*
6880.1000	-20	*	*
7740.1125	-20	*	*
8600.1250	-20	*	*

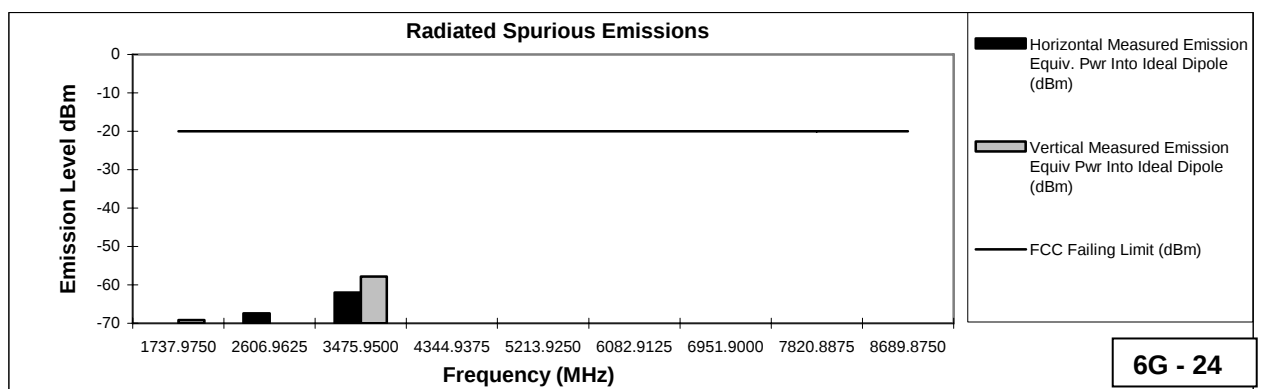


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 10 Watts****868.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1737.9750	-20	-72.13	-69.21
2606.9625	-20	-67.38	*
3475.9500	-20	-62.01	-57.80
4344.9375	-20	*	*
5213.9250	-20	*	*
6082.9125	-20	*	*
6951.9000	-20	*	*
7820.8875	-20	*	*
8689.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

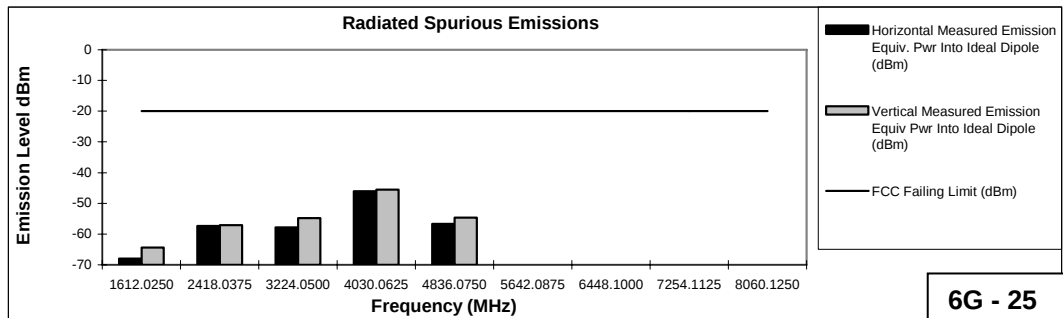
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

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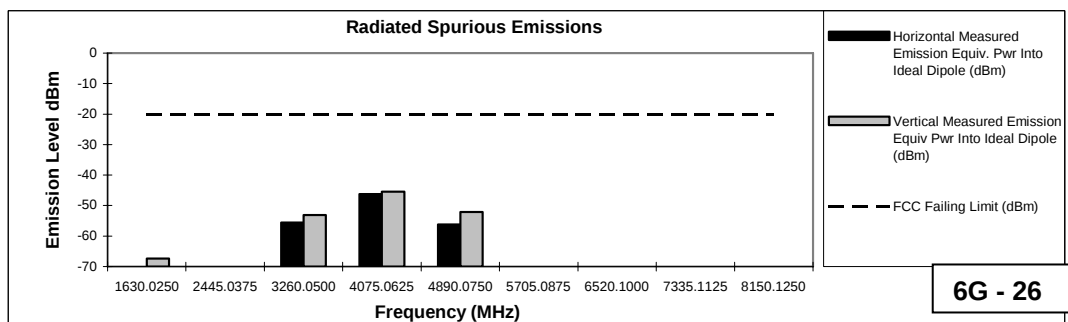
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 42 Watts****806.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-20	-67.93	-64.34
2418.0375	-20	-57.40	-57.12
3224.0500	-20	-57.84	-54.78
4030.0625	-20	-46.09	-45.51
4836.0750	-20	-56.67	-54.66
5642.0875	-20	*	*
6448.1000	-20	*	*
7254.1125	-20	*	*
8060.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO****Tx Power: 42 Watts****815.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1630.0250	-20	-70.22	-67.28
2445.0375	-20	*	*
3260.0500	-20	-55.59	-53.10
4075.0625	-20	-46.22	-45.40
4890.0750	-20	-56.24	-52.10
5705.0875	-20	*	*
6520.1000	-20	*	*
7335.1125	-20	*	*
8150.1250	-20	*	*

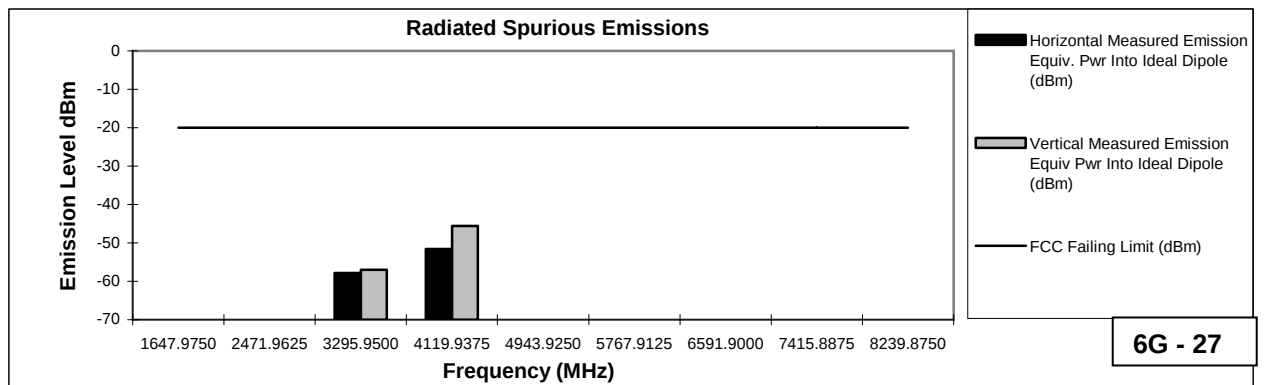


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 42 Watts****823.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-20	*	*
2471.9625	-20	*	*
3295.9500	-20	-57.84	-56.96
4119.9375	-20	-51.60	-45.60
4943.9250	-20	*	*
5767.9125	-20	*	*
6591.9000	-20	*	*
7415.8875	-20	*	*
8239.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

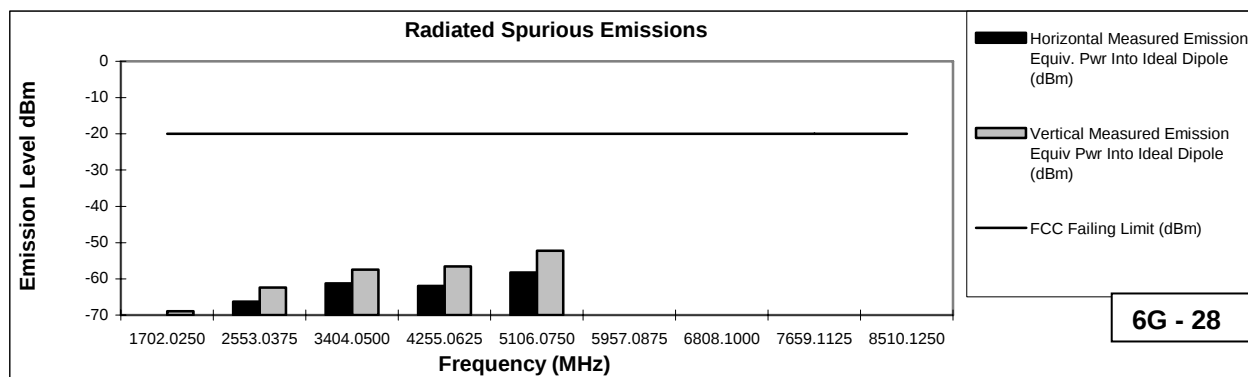
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

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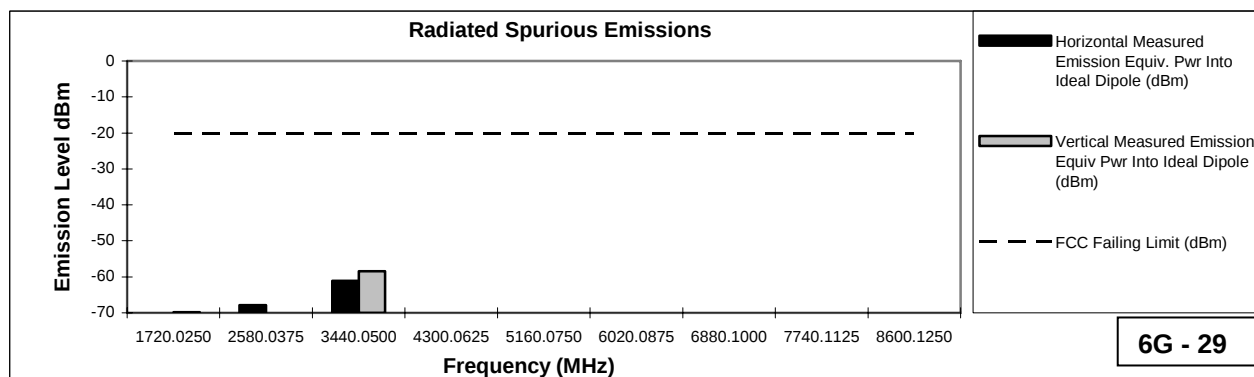
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 42 Watts****851.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-20	-71.37	-68.95
2553.0375	-20	-66.30	-62.40
3404.0500	-20	-61.25	-57.43
4255.0625	-20	-61.93	-56.59
5106.0750	-20	-58.29	-52.26
5957.0875	-20	*	*
6808.1000	-20	*	*
7659.1125	-20	*	*
8510.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO****Tx Power: 42 Watts****860.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1720.0250	-20	-71.63	-69.84
2580.0375	-20	-67.83	*
3440.0500	-20	-61.05	-58.39
4300.0625	-20	*	*
5160.0750	-20	*	*
6020.0875	-20	*	*
6880.1000	-20	*	*
7740.1125	-20	*	*
8600.1250	-20	*	*

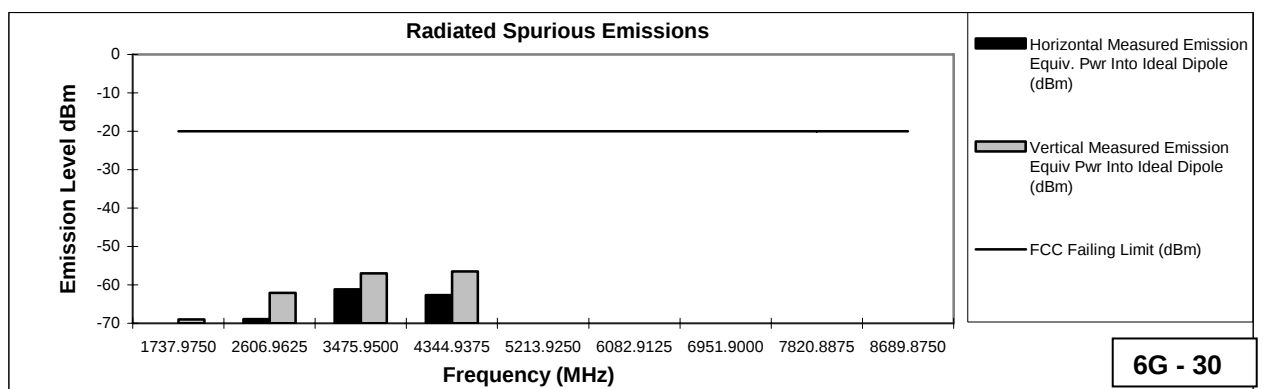


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 42 Watts****868.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1737.9750	-20	-70.91	-68.97
2606.9625	-20	-68.90	-62.09
3475.9500	-20	-61.17	-57.01
4344.9375	-20	-62.63	-56.52
5213.9250	-20	*	*
6082.9125	-20	*	*
6951.9000	-20	*	*
7820.8875	-20	*	*
8689.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

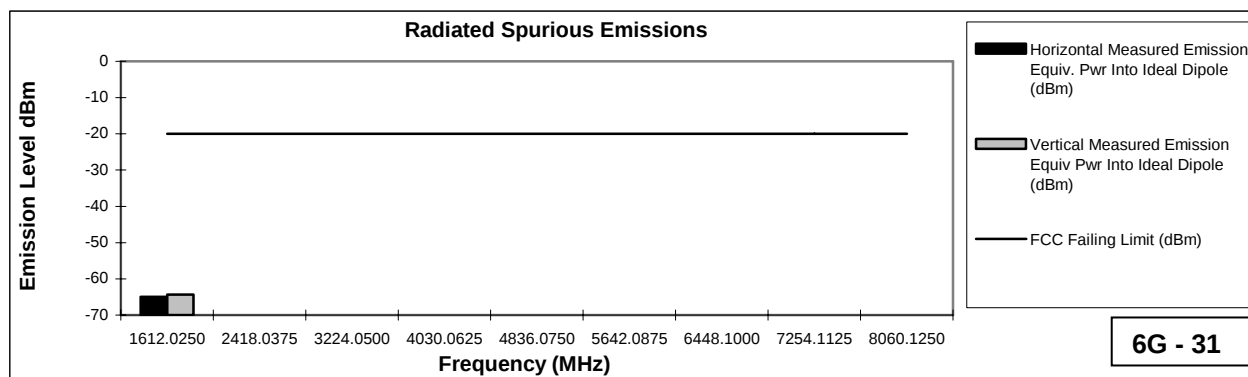
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

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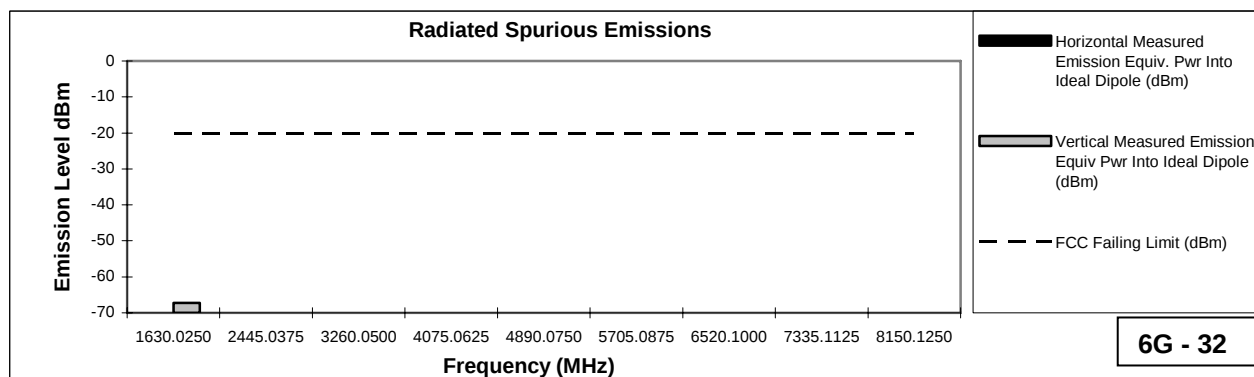
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 10 Watts****806.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1612.0250	-20	-65.00	-64.32
2418.0375	-20	*	*
3224.0500	-20	*	*
4030.0625	-20	*	*
4836.0750	-20	*	*
5642.0875	-20	*	*
6448.1000	-20	*	*
7254.1125	-20	*	*
8060.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO****Tx Power: 10 Watts****815.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1630.0250	-20	-70.54	-67.23
2445.0375	-20	*	*
3260.0500	-20	*	*
4075.0625	-20	*	*
4890.0750	-20	*	*
5705.0875	-20	*	*
6520.1000	-20	*	*
7335.1125	-20	*	*
8150.1250	-20	*	*

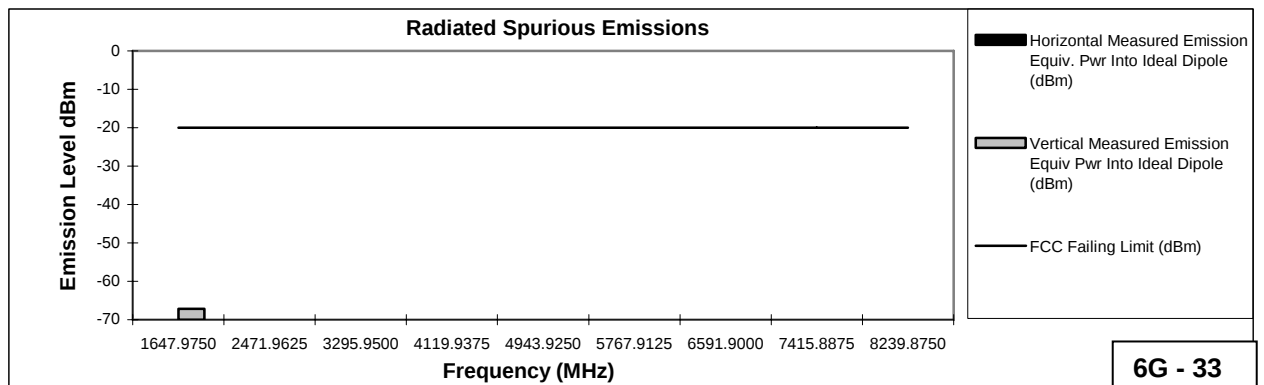


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 10 Watts****823.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1647.9750	-20	-70.64	-67.17
2471.9625	-20	*	*
3295.9500	-20	*	*
4119.9375	-20	*	*
4943.9250	-20	*	*
5767.9125	-20	*	*
6591.9000	-20	*	*
7415.8875	-20	*	*
8239.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

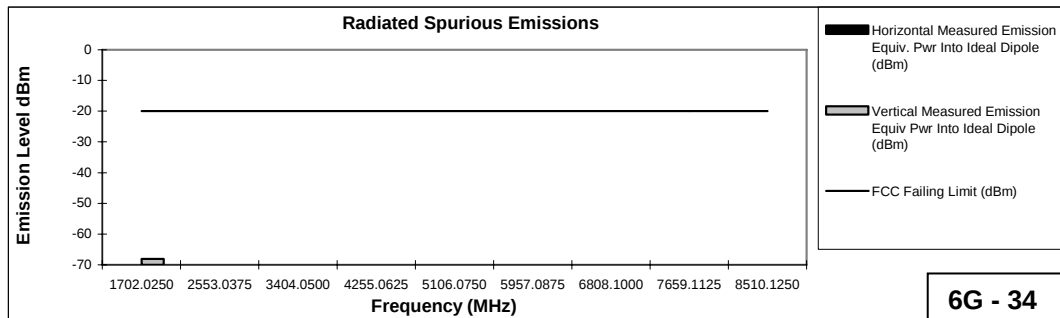
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

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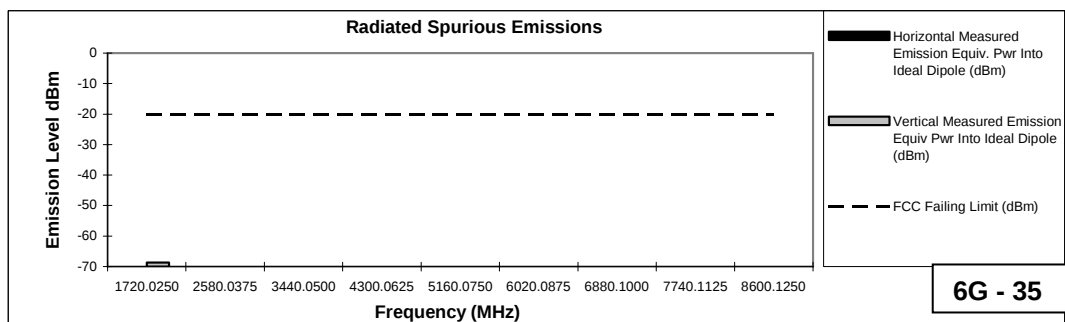
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 10 Watts****851.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1702.0250	-20	-72.39	-68.06
2553.0375	-20	*	*
3404.0500	-20	*	*
4255.0625	-20	*	*
5106.0750	-20	*	*
5957.0875	-20	*	*
6808.1000	-20	*	*
7659.1125	-20	*	*
8510.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO****Tx Power: 10 Watts****860.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1720.0250	-20	-71.86	-68.68
2580.0375	-20	*	*
3440.0500	-20	*	*
4300.0625	-20	*	*
5160.0750	-20	*	*
6020.0875	-20	*	*
6880.1000	-20	*	*
7740.1125	-20	*	*
8600.1250	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

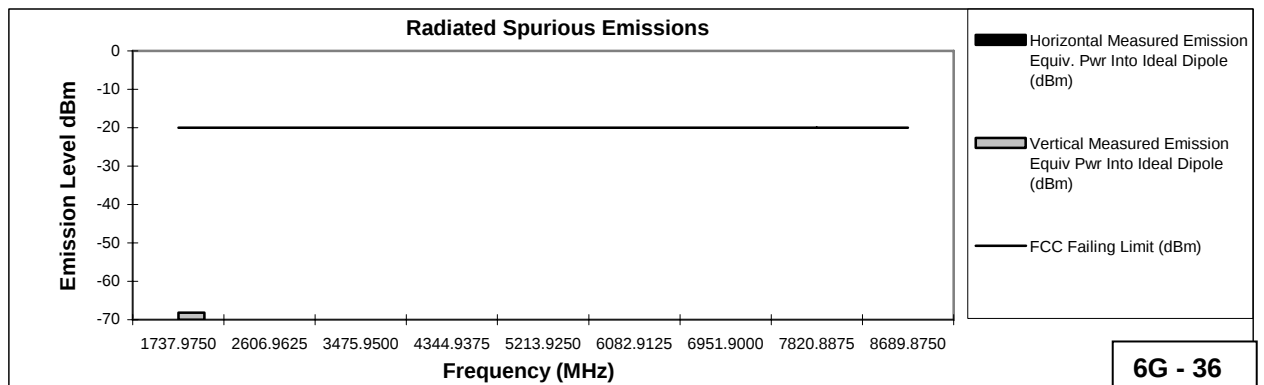
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

July 8, 2009

FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 10 Watts****868.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2175**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1737.9750	-20	-71.85	-68.16
2606.9625	-20	*	*
3475.9500	-20	*	*
4344.9375	-20	*	*
5213.9250	-20	*	*
6082.9125	-20	*	*
6951.9000	-20	*	*
7820.8875	-20	*	*
8689.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

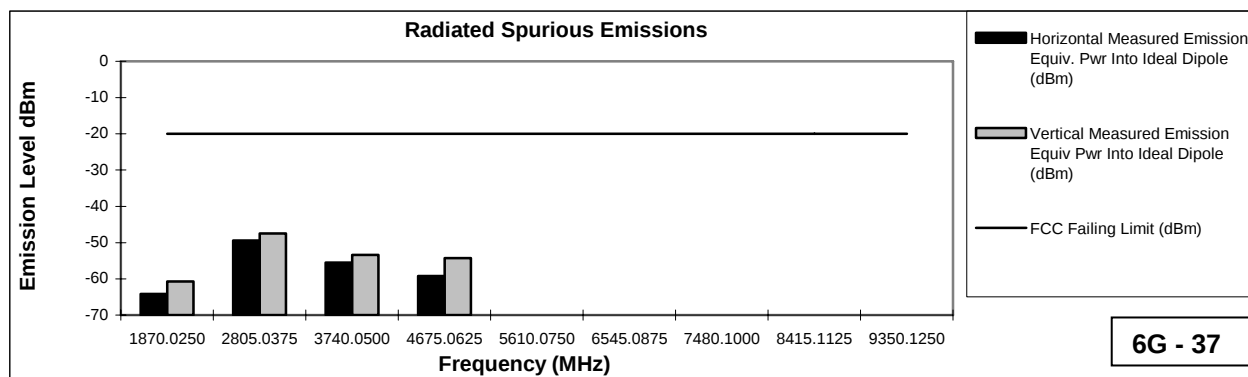
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

July 8, 2009

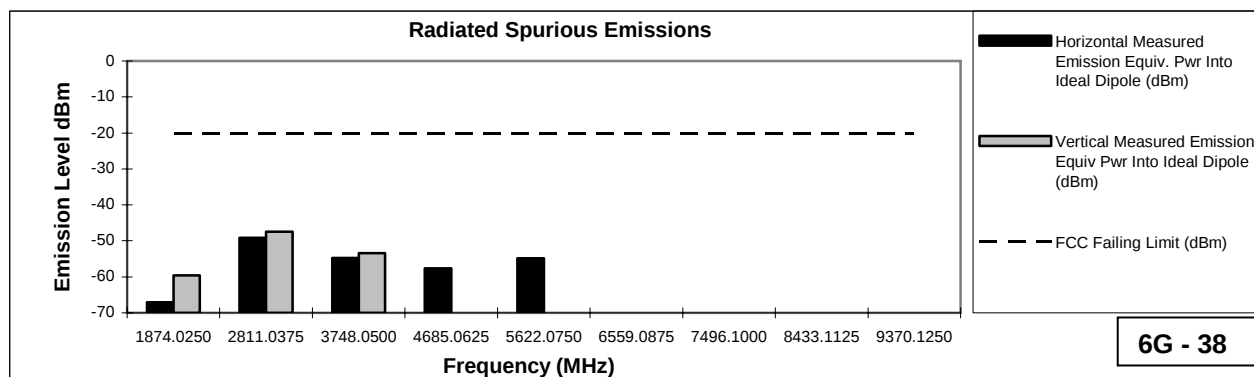
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 36 Watts****935.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1870.0250	-20	-64.19	-60.71
2805.0375	-20	-49.38	-47.50
3740.0500	-20	-55.49	-53.42
4675.0625	-20	-59.18	-54.27
5610.0750	-20	*	*
6545.0875	-20	*	*
7480.1000	-20	*	*
8415.1125	-20	*	*
9350.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580****Tx Power: 36 Watts****937.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1874.0250	-20	-67.04	-59.54
2811.0375	-20	-49.19	-47.43
3748.0500	-20	-54.81	-53.47
4685.0625	-20	-57.65	*
5622.0750	-20	-54.82	*
6559.0875	-20	*	*
7496.1000	-20	*	*
8433.1125	-20	*	*
9370.1250	-20	*	*

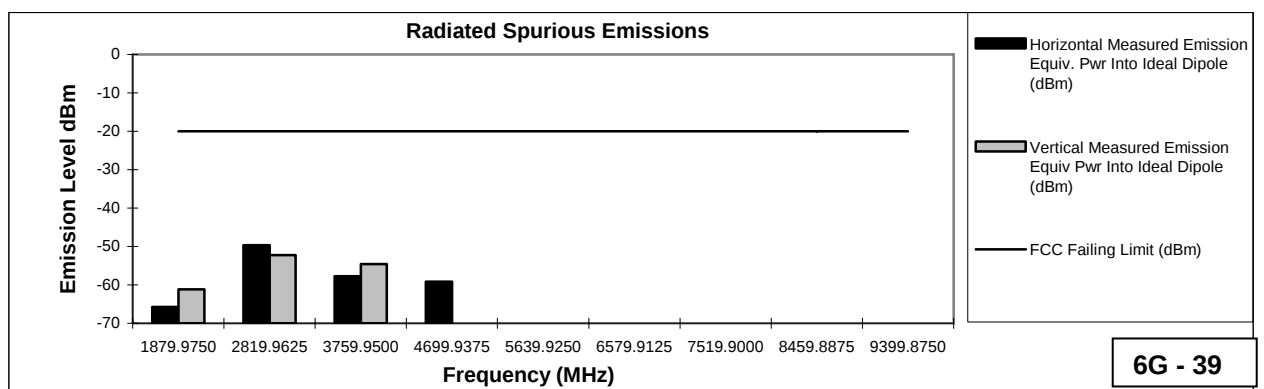


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 36 Watts****939.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1879.9750	-20	-65.71	-61.18
2819.9625	-20	-49.69	-52.27
3759.9500	-20	-57.74	-54.59
4699.9375	-20	-59.20	*
5639.9250	-20	*	*
6579.9125	-20	*	*
7519.9000	-20	*	*
8459.8875	-20	*	*
9399.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

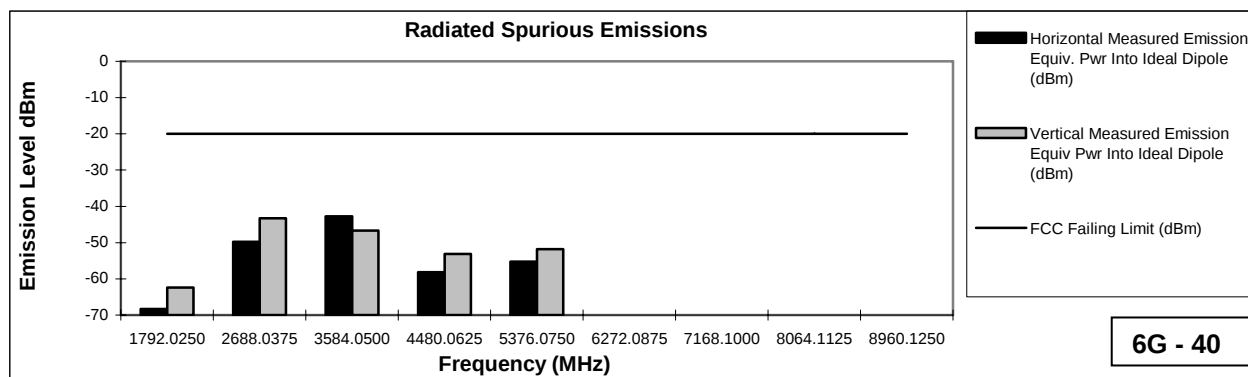
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

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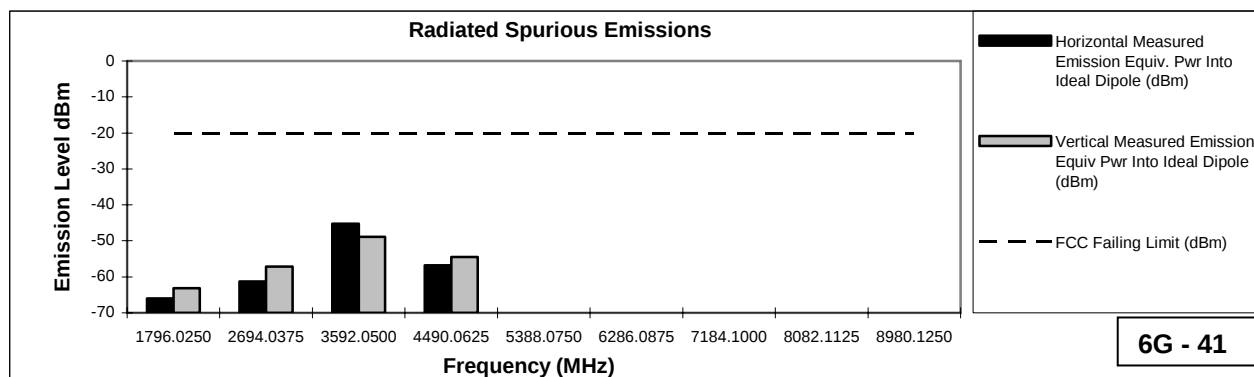
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 36 Watts****896.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1792.0250	-20	-68.35	-62.36
2688.0375	-20	-49.79	-43.32
3584.0500	-20	-42.77	-46.63
4480.0625	-20	-58.19	-53.14
5376.0750	-20	-55.22	-51.83
6272.0875	-20	*	*
7168.1000	-20	*	*
8064.1125	-20	*	*
8960.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580****Tx Power: 36 Watts****898.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1796.0250	-20	-66.03	-63.17
2694.0375	-20	-61.30	-57.16
3592.0500	-20	-45.26	-48.92
4490.0625	-20	-56.79	-54.54
5388.0750	-20	*	*
6286.0875	-20	*	*
7184.1000	-20	*	*
8082.1125	-20	*	*
8980.1250	-20	*	*

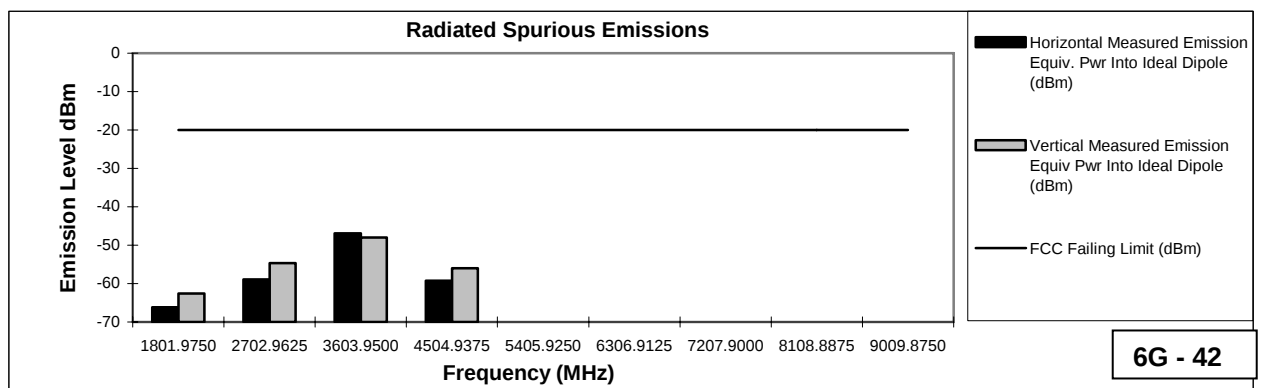


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 36 Watts****900.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1801.9750	-20	-66.20	-62.62
2702.9625	-20	-58.89	-54.64
3603.9500	-20	-46.90	-48.02
4504.9375	-20	-59.21	-55.97
5405.9250	-20	*	*
6306.9125	-20	*	*
7207.9000	-20	*	*
8108.8875	-20	*	*
9009.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

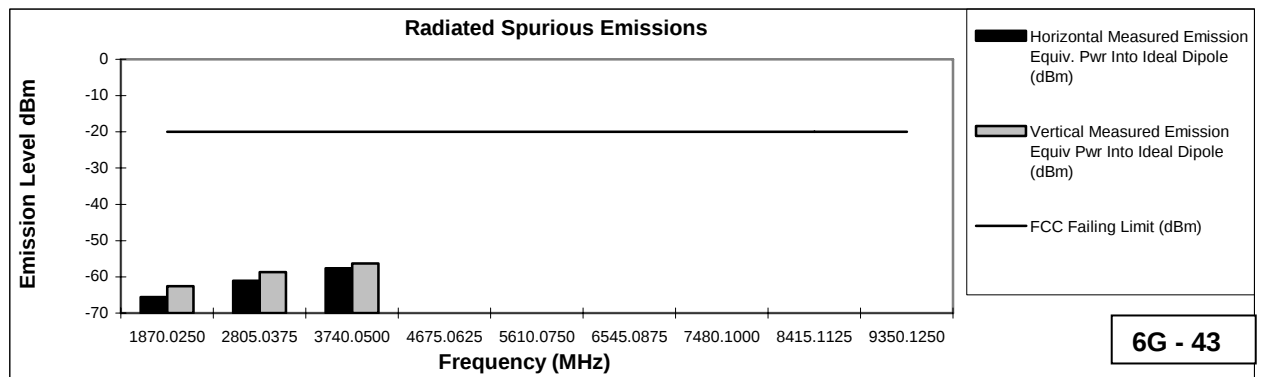
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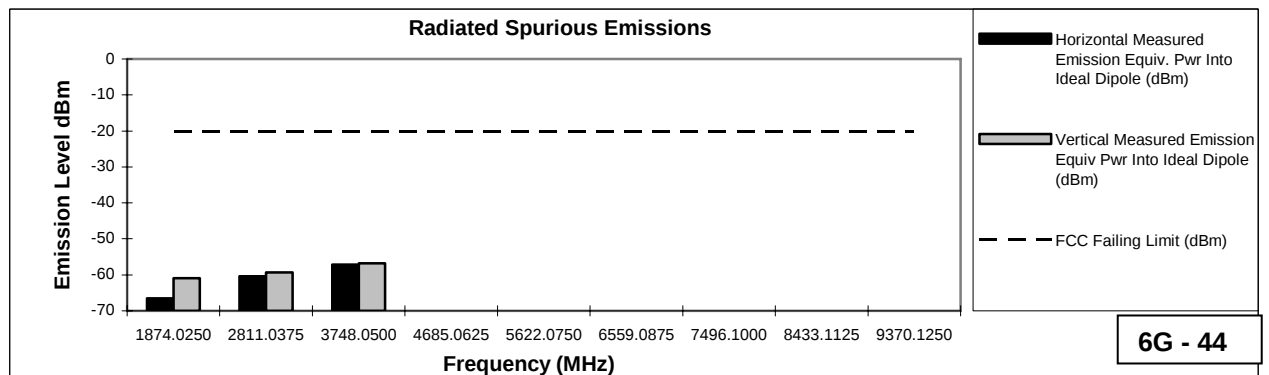
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 10 Watts****935.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1870.0250	-20	-65.61	-62.57
2805.0375	-20	-61.04	-58.72
3740.0500	-20	-57.64	-56.30
4675.0625	-20	*	*
5610.0750	-20	*	*
6545.0875	-20	*	*
7480.1000	-20	*	*
8415.1125	-20	*	*
9350.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580****Tx Power: 10 Watts****937.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1874.0250	-20	-66.56	-60.94
2811.0375	-20	-60.36	-59.34
3748.0500	-20	-57.22	-56.82
4685.0625	-20	*	*
5622.0750	-20	*	*
6559.0875	-20	*	*
7496.1000	-20	*	*
8433.1125	-20	*	*
9370.1250	-20	*	*

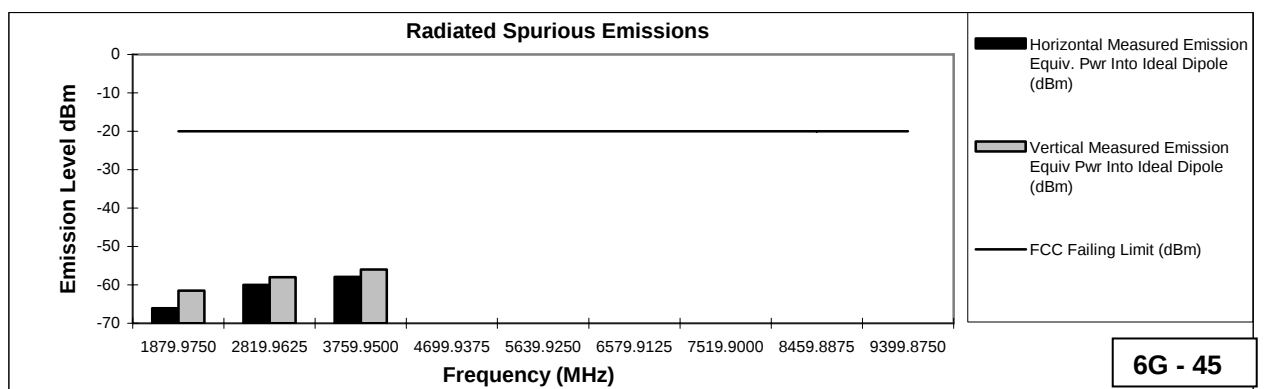


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 10 Watts****939.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1879.9750	-20	-66.04	-61.54
2819.9625	-20	-59.97	-57.97
3759.9500	-20	-57.92	-56.03
4699.9375	-20	*	*
5639.9250	-20	*	*
6579.9125	-20	*	*
7519.9000	-20	*	*
8459.8875	-20	*	*
9399.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

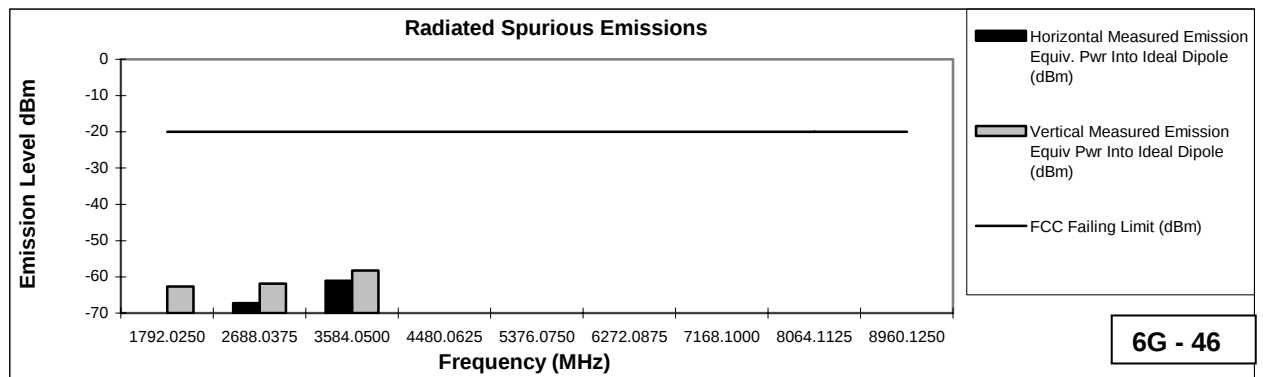
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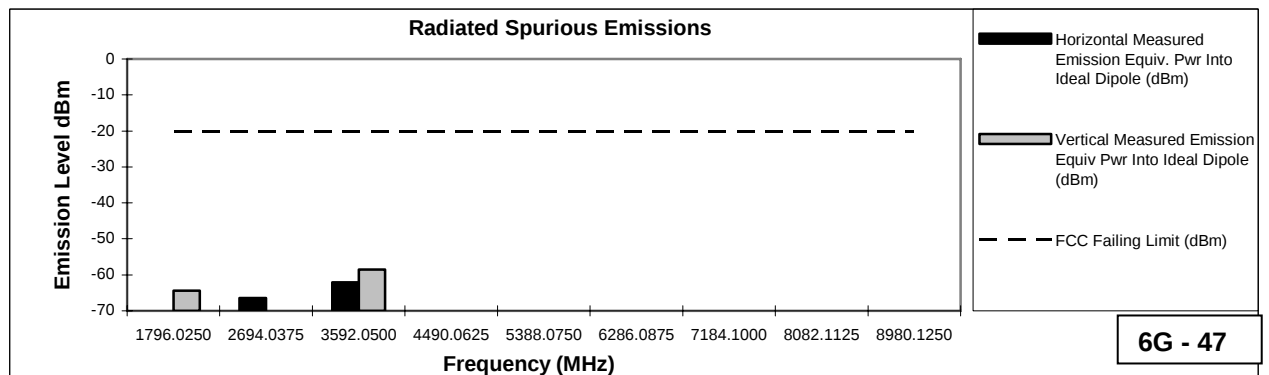
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 10 Watts****896.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1792.0250	-20	-71.63	-62.68
2688.0375	-20	-67.26	-61.86
3584.0500	-20	-61.04	-58.29
4480.0625	-20	*	*
5376.0750	-20	*	*
6272.0875	-20	*	*
7168.1000	-20	*	*
8064.1125	-20	*	*
8960.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580****Tx Power: 10 Watts****898.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1796.0250	-20	-70.67	-64.35
2694.0375	-20	-66.41	*
3592.0500	-20	-62.04	-58.54
4490.0625	-20	*	*
5388.0750	-20	*	*
6286.0875	-20	*	*
7184.1000	-20	*	*
8082.1125	-20	*	*
8980.1250	-20	*	*

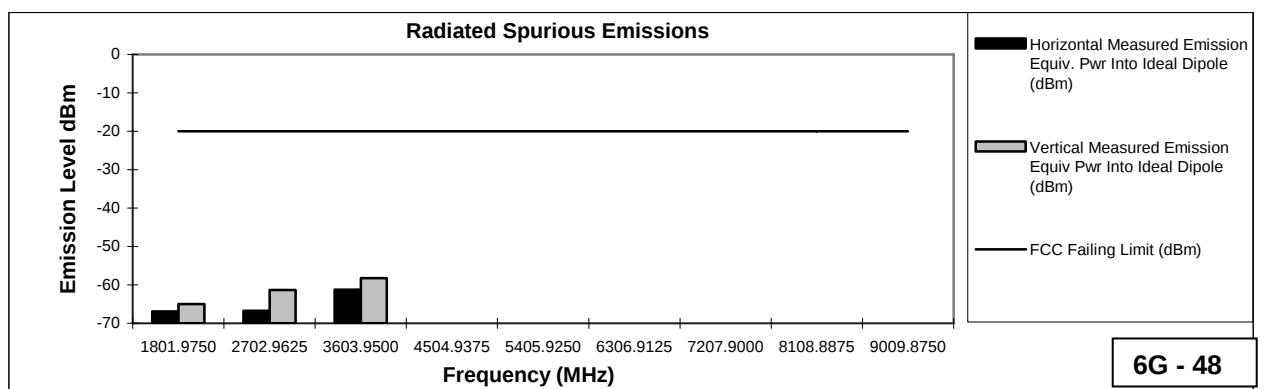


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580**Tx Power: 10 Watts****900.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1801.9750	-20	-66.92	-65.01
2702.9625	-20	-66.78	-61.33
3603.9500	-20	-61.24	-58.24
4504.9375	-20	*	*
5405.9250	-20	*	*
6306.9125	-20	*	*
7207.9000	-20	*	*
8108.8875	-20	*	*
9009.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

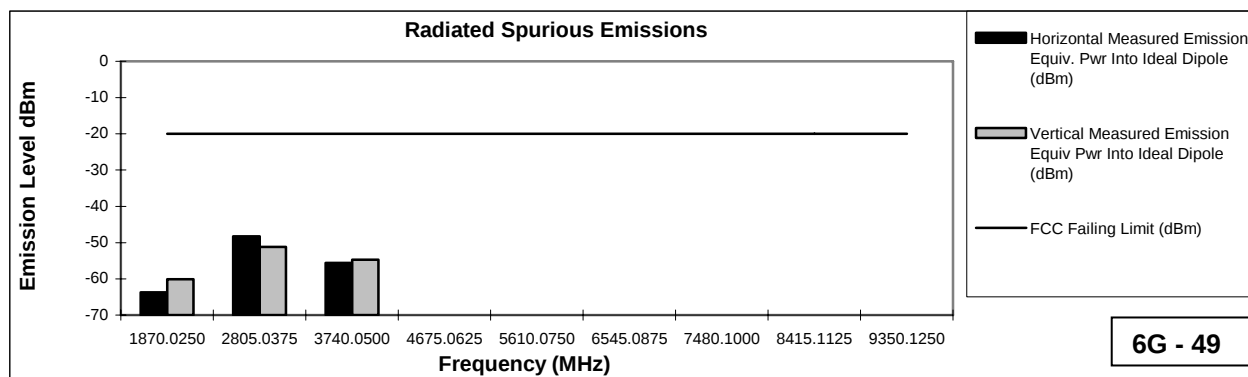
Motorola Plantation EMC Lab – Test Performed by: Frank Baader

July 9, 2009

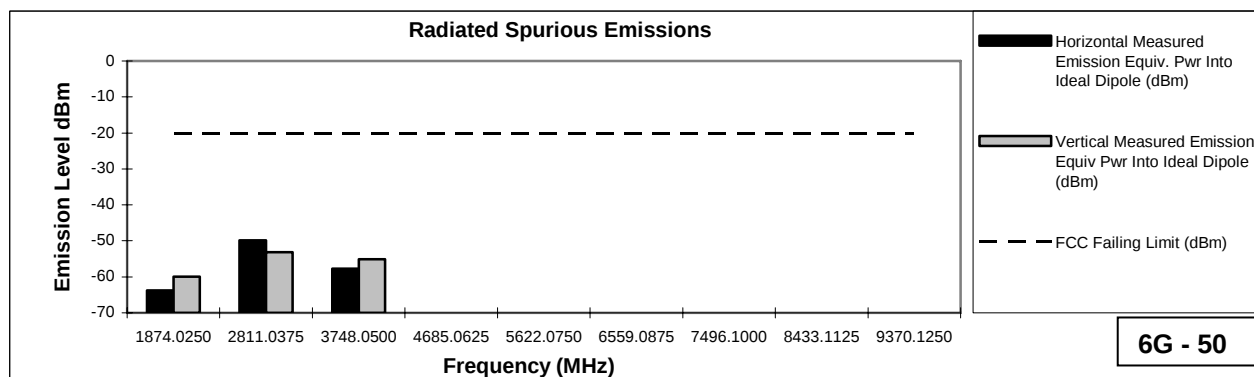
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 36 Watts****935.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1870.0250	-20	-63.73	-60.13
2805.0375	-20	-48.30	-51.13
3740.0500	-20	-55.58	-54.71
4675.0625	-20	*	*
5610.0750	-20	*	*
6545.0875	-20	*	*
7480.1000	-20	*	*
8415.1125	-20	*	*
9350.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO****Tx Power: 36 Watts****937.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1874.0250	-20	-63.74	-59.98
2811.0375	-20	-49.88	-53.15
3748.0500	-20	-57.72	-55.10
4685.0625	-20	*	*
5622.0750	-20	*	*
6559.0875	-20	*	*
7496.1000	-20	*	*
8433.1125	-20	*	*
9370.1250	-20	*	*

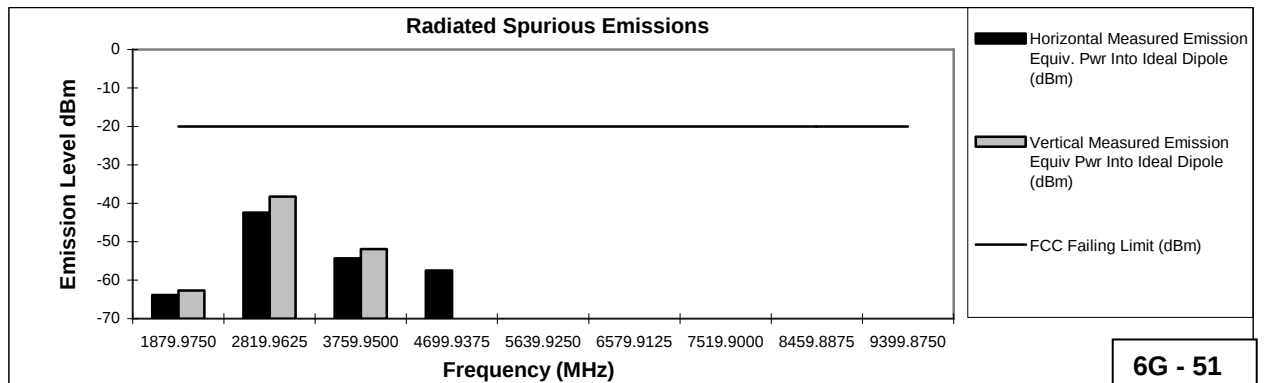


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 36 Watts****939.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1879.9750	-20	-63.81	-62.67
2819.9625	-20	-42.45	-38.25
3759.9500	-20	-54.35	-51.94
4699.9375	-20	-57.52	*
5639.9250	-20	*	*
6579.9125	-20	*	*
7519.9000	-20	*	*
8459.8875	-20	*	*
9399.8750	-20	*	*



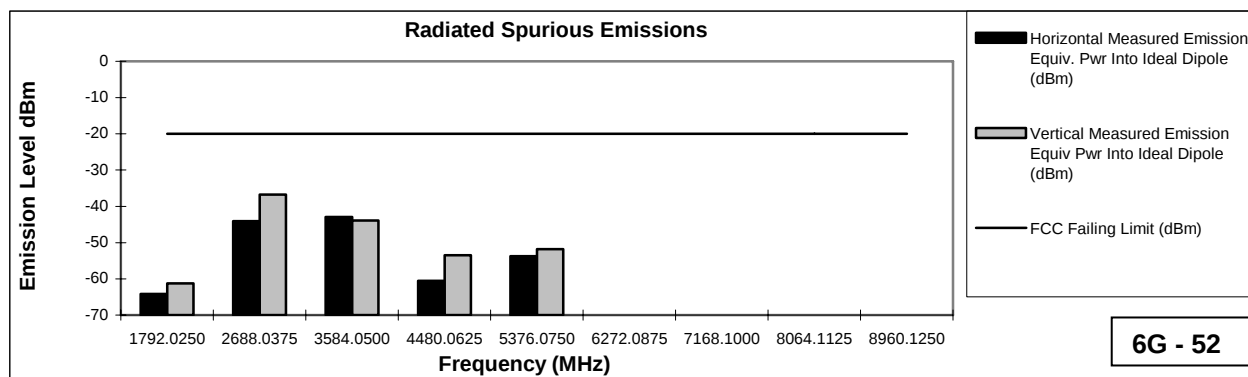
* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

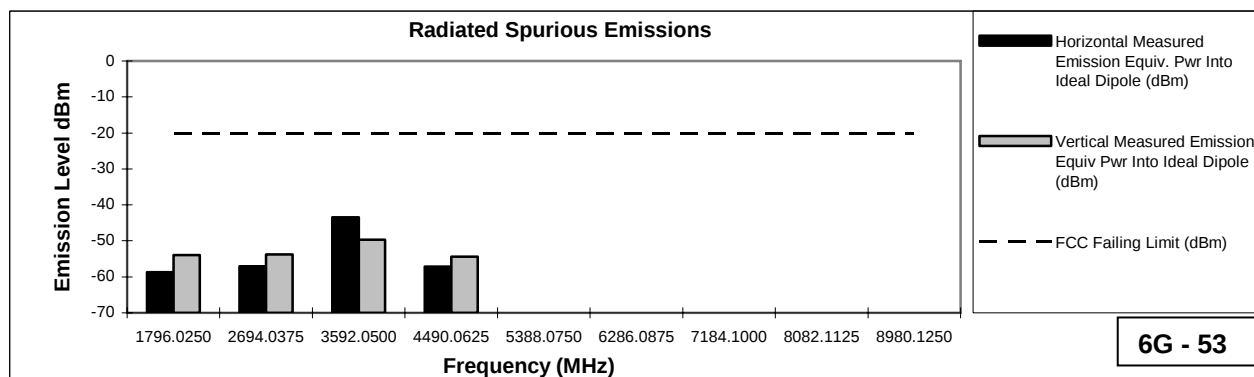
EXHIBIT 6G

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 36 Watts****896.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1792.0250	-20	-64.18	-61.22
2688.0375	-20	-44.06	-36.80
3584.0500	-20	-42.93	-43.97
4480.0625	-20	-60.51	-53.47
5376.0750	-20	-53.76	-51.79
6272.0875	-20	*	*
7168.1000	-20	*	*
8064.1125	-20	*	*
8960.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO****Tx Power: 36 Watts****898.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1796.0250	-20	-58.65	-53.96
2694.0375	-20	-57.08	-53.77
3592.0500	-20	-43.50	-49.71
4490.0625	-20	-57.19	-54.40
5388.0750	-20	*	*
6286.0875	-20	*	*
7184.1000	-20	*	*
8082.1125	-20	*	*
8980.1250	-20	*	*

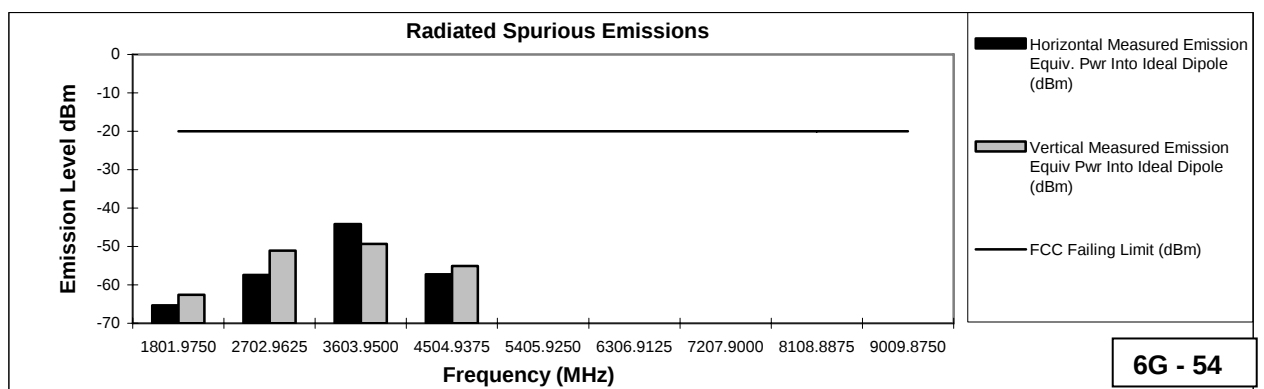


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 36 Watts****900.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1801.9750	-20	-65.37	-62.60
2702.9625	-20	-57.38	-51.11
3603.9500	-20	-44.20	-49.30
4504.9375	-20	-57.22	-55.06
5405.9250	-20	*	*
6306.9125	-20	*	*
7207.9000	-20	*	*
8108.8875	-20	*	*
9009.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

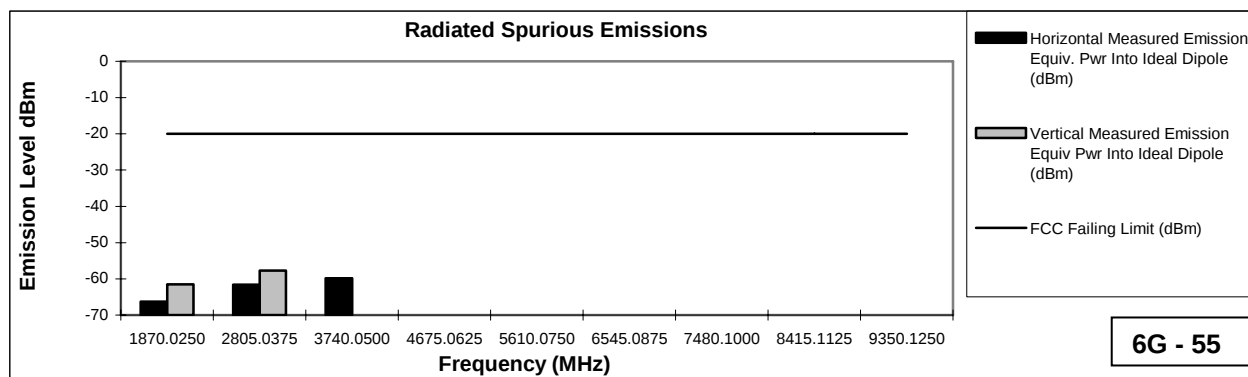
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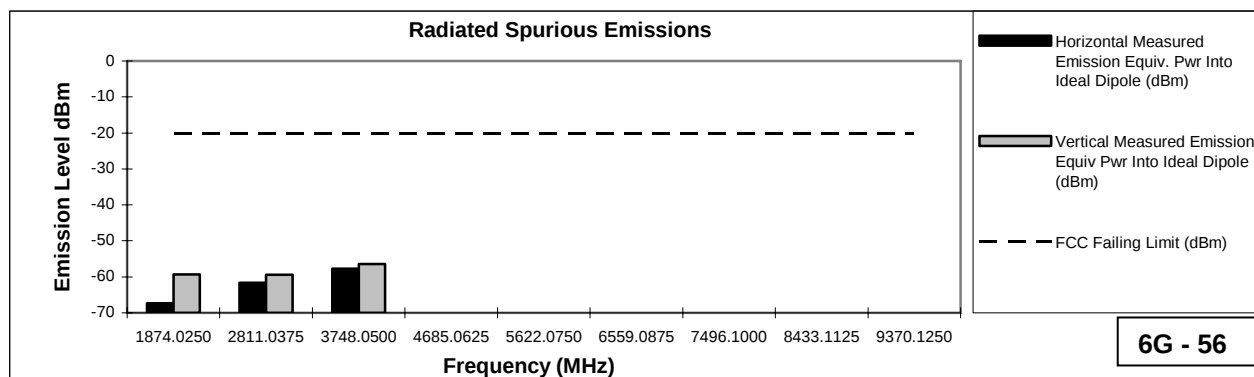
FCC Registration: 91932 / Industry Canada: IC109U-1

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 10 Watts****935.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1870.0250	-20	-66.27	-61.53
2805.0375	-20	-61.63	-57.72
3740.0500	-20	-59.83	*
4675.0625	-20	*	*
5610.0750	-20	*	*
6545.0875	-20	*	*
7480.1000	-20	*	*
8415.1125	-20	*	*
9350.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO****Tx Power: 10 Watts****937.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1874.0250	-20	-67.30	-59.33
2811.0375	-20	-61.61	-59.41
3748.0500	-20	-57.70	-56.50
4685.0625	-20	*	*
5622.0750	-20	*	*
6559.0875	-20	*	*
7496.1000	-20	*	*
8433.1125	-20	*	*
9370.1250	-20	*	*

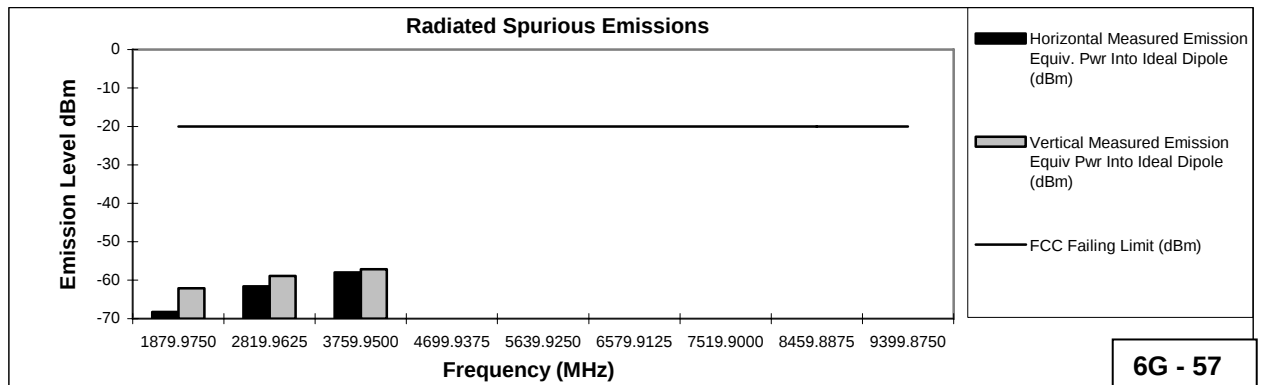


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 10 Watts****939.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1879.9750	-20	-68.29	-62.11
2819.9625	-20	-61.57	-58.95
3759.9500	-20	-58.03	-57.14
4699.9375	-20	*	*
5639.9250	-20	*	*
6579.9125	-20	*	*
7519.9000	-20	*	*
8459.8875	-20	*	*
9399.8750	-20	*	*



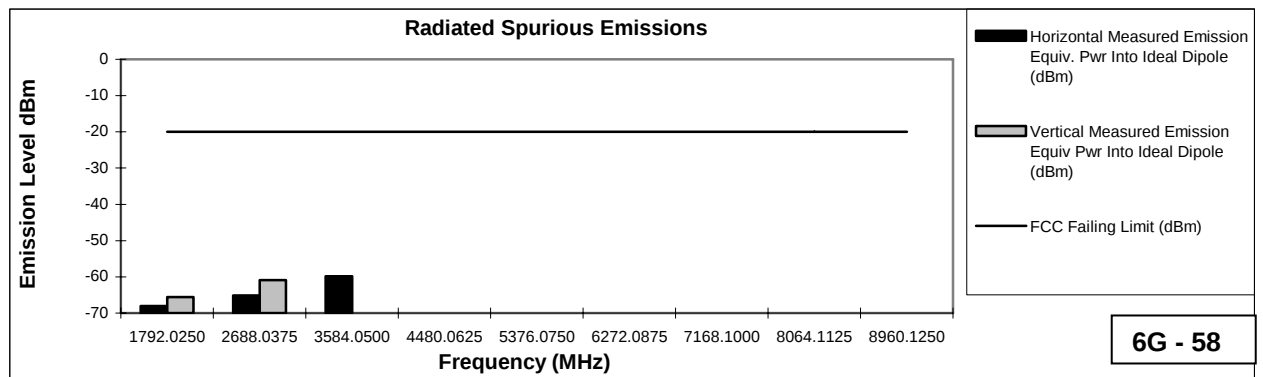
* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

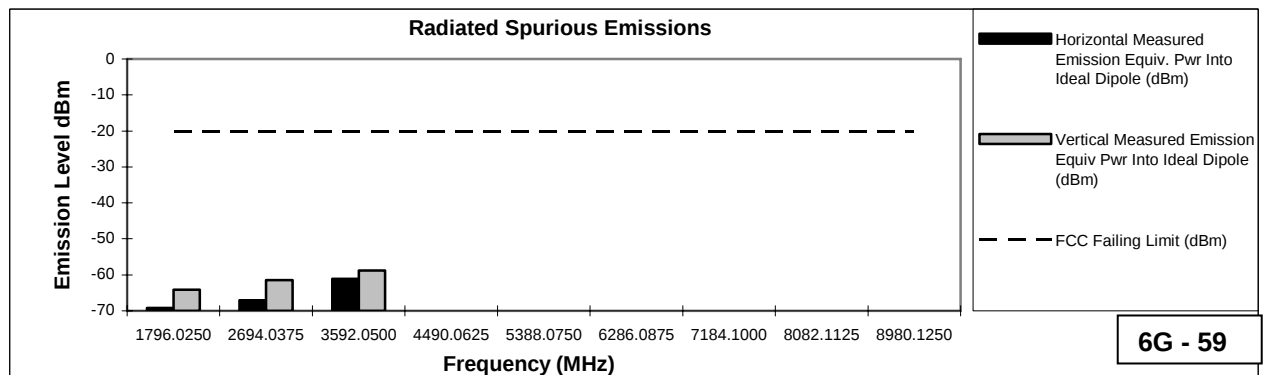
EXHIBIT 6G**Motorola Plantation EMC Lab – Test Performed by: Curt Mc Lennan****July 11, 2009****FCC Registration: 91932 / Industry Canada: IC109U-1**

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 10 Watts****896.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1792.0250	-20	-68.02	-65.54
2688.0375	-20	-65.10	-60.90
3584.0500	-20	-59.79	*
4480.0625	-20	*	*
5376.0750	-20	*	*
6272.0875	-20	*	*
7168.1000	-20	*	*
8064.1125	-20	*	*
8960.1250	-20	*	*

**Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO****Tx Power: 10 Watts****898.0125 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1796.0250	-20	-69.20	-64.14
2694.0375	-20	-67.02	-61.44
3592.0500	-20	-61.07	-58.74
4490.0625	-20	*	*
5388.0750	-20	*	*
6286.0875	-20	*	*
7184.1000	-20	*	*
8082.1125	-20	*	*
8980.1250	-20	*	*

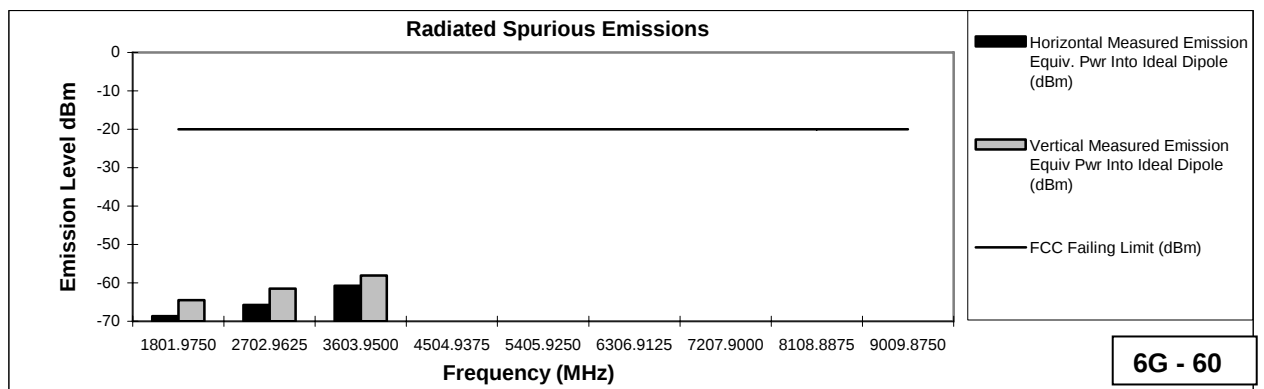


* Indicates the spurious emission could not be detected due to noise limitations or ambients.

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Transmit Radiated Spurious Emissions: MOTOTRBO XPR4580 APCO**Tx Power: 10 Watts****900.9875 MHz****Channel Spacing 12.5kHz | S/N 038TKJ2180**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1801.9750	-20	-68.70	-64.53
2702.9625	-20	-65.71	-61.51
3603.9500	-20	-60.77	-58.08
4504.9375	-20	*	*
5405.9250	-20	*	*
6306.9125	-20	*	*
7207.9000	-20	*	*
8108.8875	-20	*	*
9009.8750	-20	*	*



* Indicates the spurious emission could not be detected due to noise limitations or ambients.

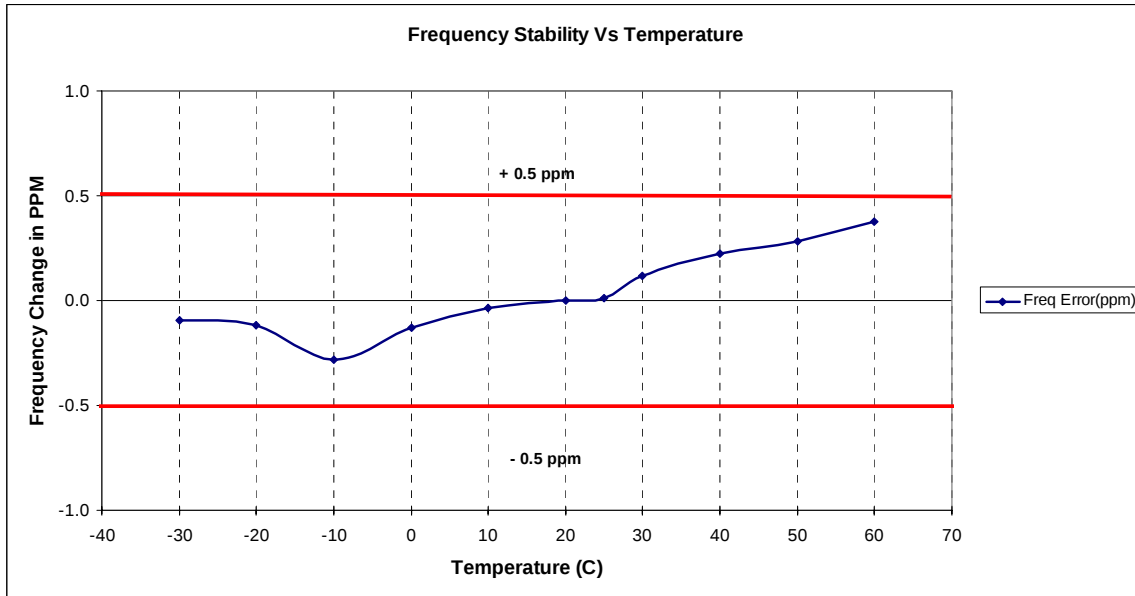
The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Plantation EMC Lab – Test Performed by: Frank Baader

July 10, 2009

FCC Registration: 91932 / Industry Canada: IC109U-1

FREQUENCY STABILITY VS. TEMPERATURE
SPECIFIED LIMITS: ± 0.5 PPM (-30 TO +60 DEGREES C)



FREQUENCY STABILITY VS. SUPPLY VOLTAGE

