

INDEX OF SUBMITTED MEASURED DATA

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

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- 6B-2 – 429.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

EXHIBIT 6C - Transmit Audio Low pass Filter Response

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- 6E-4 – 429.9875 MHz, 12.5 kHz DTMF Modulation Only, 11K0F3E Mask D
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- 6E-6 – 429.9875 MHz, 12.5 kHz DTMF Modulation and DPL (CDCSS) Modulation, 11K0F3E Mask D
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- 6E-10 – 429.9875 MHz, 12.5 kHz 4-Level FSK Digital Voice and Data, 7K60F1E Mask D
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- 6E-24 – 450.025 MHz, O.153 Test Pattern 4FSK Voice and Data Modulation, 7K60F1E Mask D (Part 74)
- 6E-25 – 450.025 MHz, O.153 Test Pattern 4FSK Data Modulation, 7K60F1D Mask D (Part 74)
- 6E-26 – 455.03125 MHz, 25 kHz Channel Spacing, 2500Hz Audio Modulation only, 16K0F3E Mask B (Part 74)

EXHIBIT 6F - Conducted Spurious Emissions

- 6F-1 – 30 Watts, 403.0125 MHz, 12.5 kHz Channel Spacing
- 6F-2 – 30 Watts, 406.1125 MHz, 12.5 kHz Channel Spacing
- 6F-3 – 30 Watts, 429.9875 MHz, 12.5 kHz Channel Spacing
- 6F-4 – 30 Watts, 450.0250 MHz, 12.5 kHz Channel Spacing (Part 74)
- 6F-5 – 30 Watts, 469.9875 MHz, 12.5 kHz Channel Spacing
- 6F-6 – 30 Watts, 403.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6F-7 – 30 Watts, 406.1125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6F-8 – 30 Watts, 429.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6F-9 – 30 Watts, 450.0250 MHz, 25 kHz Channel Spacing (Part 74)
- 6F-10 – 30 Watts, 459.6500 MHz, 25 kHz Channel Spacing (Part 22)
- 6F-11 – 30 Watts, 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

EXHIBIT 6G – Radiated Spurious Emissions

- 6G-1 – 30 Watts, 403.0125 MHz, 12.5 kHz Channel Spacing
- 6G-2 – 30 Watts, 406.1125 MHz, 12.5 kHz Channel Spacing
- 6G-3 – 30 Watts, 429.9875 MHz, 12.5 kHz Channel Spacing
- 6G-4 – 30 Watts, 469.9875 MHz, 12.5 kHz Channel Spacing
- 6G-5 – 1 Watts, 403.0125 MHz, 12.5 kHz Channel Spacing
- 6G-6 – 1 Watts, 406.1125 MHz, 12.5 kHz Channel Spacing
- 6G-7 – 1 Watts, 429.9875 MHz, 12.5 kHz Channel Spacing
- 6G-8 – 1 Watts, 469.9875 MHz, 12.5 kHz Channel Spacing
- 6G-9 – 30 Watts, 403.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-10 – 30 Watts, 406.1125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-11 – 30 Watts, 429.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-12 – 30 Watts, 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-13 – 1 Watts, 403.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-14 – 1 Watts, 406.1125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-15 – 1 Watts, 429.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-16 – 1 Watts, 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

EXHIBIT 6H – Frequency Stability

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

EXHIBIT 6I – Transient Frequency Behavior

- 6I-1 – 30 Watts, 12.5 kHz Channel Spacing Key-Up Attack Time
- 6I-2 – 30 Watts, 12.5 kHz Channel Spacing De-Key Decay Time
- 6I-3 – 30 Watts, 25 kHz Channel Spacing Key-Up Attack Time (Not for FCC Review)
- 6I-4 – 30 Watts, 25 kHz Channel Spacing De-Key Decay Time (Not for FCC Review)

EXHIBIT 6L – Transmit Power Line Conducted Emissions Spurious

- 6L-1 – EMI Conducted Scan Tx at 403.0125MHz
- 6L-2 – EMI Conducted Scan Tx at 406.115MHz
- 6L-3 – EMI Conducted Scan Tx at 429.9875MHz
- 6L-4 – EMI Conducted Scan Tx at 469.9875MHz
- 6L-5 – EMI Conducted Scan Radio Off

**** Please note that the above data were taken following the procedures and limits outlined in TIA 603-D and RSS 119 during the month of April 2013. See Table 2 in Ex07_test_procedures**

Radio model tested: AAM02QNH9JA1AN

Important Note: The data in this test report meets or exceeds the technical requirements of FCC Rule Parts 22, 74 and 90.

EXHIBIT 6A – RF POWER OUTPUT**HIGH POWER SETTING, FREQUENCY 406.1125 MHz**

Measured RF Output Power:	30.00 Watts
Measured DC Voltage:	13.60 Volts
Measured DC Input Current:	5.20 Amperes

LOW POWER SETTING, FREQUENCY 406.1125 MHz

Measured RF Output Power:	1.00 Watts
Measured DC Voltage:	13.60 Volts
Measured DC Input Current:	1.48 Amperes

HIGH POWER SETTING, FREQUENCY 429.9875 MHz

Measured RF Output Power:	30.00 Watts
Measured DC Voltage:	13.60 Volts
Measured DC Input Current:	5.62 Amperes

LOW POWER SETTING, FREQUENCY 429.9875 MHz

Measured RF Output Power:	1.00 Watts
Measured DC Voltage:	13.60 Volts
Measured DC Input Current:	1.42 Amperes

HIGH POWER SETTING, FREQUENCY 450.025 MHz (Part 74)

Measured RF Output Power:	30.00 Watts
Measured DC Voltage:	13.60 Volts
Measured DC Input Current:	5.38 Amperes

LOW POWER SETTING, FREQUENCY 450.025 MHz (Part 74)

Measured RF Output Power:	1.00 Watts
Measured DC Voltage:	13.60 Volts
Measured DC Input Current:	1.39 Amperes

HIGH POWER SETTING, FREQUENCY 459.650 MHz (Part 22)

Measured RF Output Power:	30.00 Watts
Measured DC Voltage:	13.60 Volts
Measured DC Input Current:	5.51 Amperes

LOW POWER SETTING, FREQUENCY 459.650 MHz (Part 22)

Measured RF Output Power:	1.00 Watts
Measured DC Voltage:	13.60 Volts
Measured DC Input Current:	1.43 Amperes

HIGH POWER SETTING, FREQUENCY 469.9875 MHz

Measured RF Output Power:	30.00 Watts
Measured DC Voltage:	13.60 Volts
Measured DC Input Current:	6.11 Amperes

LOW POWER SETTING, FREQUENCY 469.9875 MHz

Measured RF Output Power:	1.00 Watts
Measured DC Voltage:	13.60 Volts
Measured DC Input Current:	1.60 Amperes

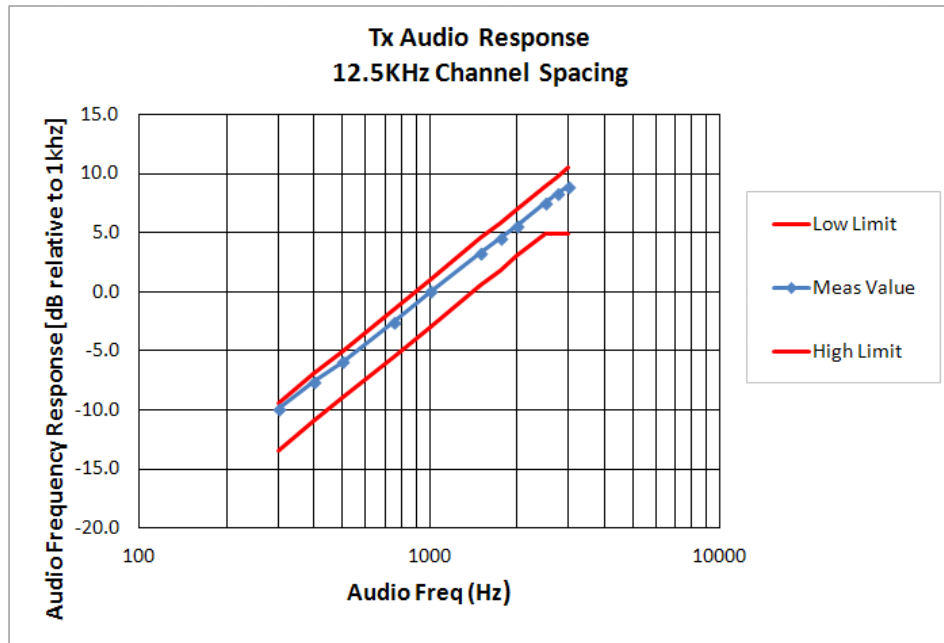
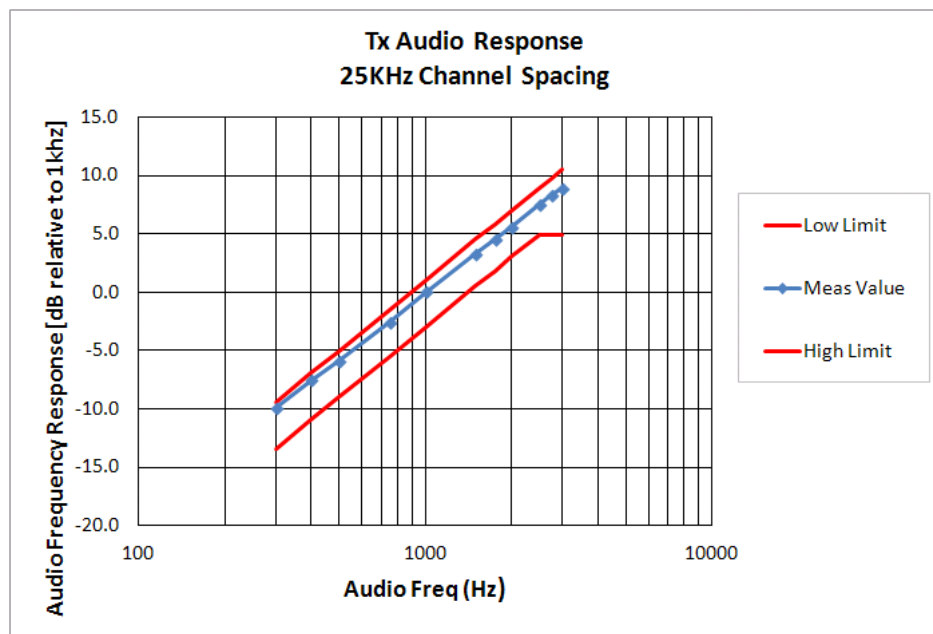
EXHIBIT 6B – Transmit Audio Response**Figure 6B-1:** 429.9875 MHz, 12.5 kHz Channel Spacing, Transmit Audio Frequency Response**Figure 6B-2:** 429.9875 MHz, 25 kHz Channel Spacing, Transmit Audio Frequency Response
(Not for FCC Review)

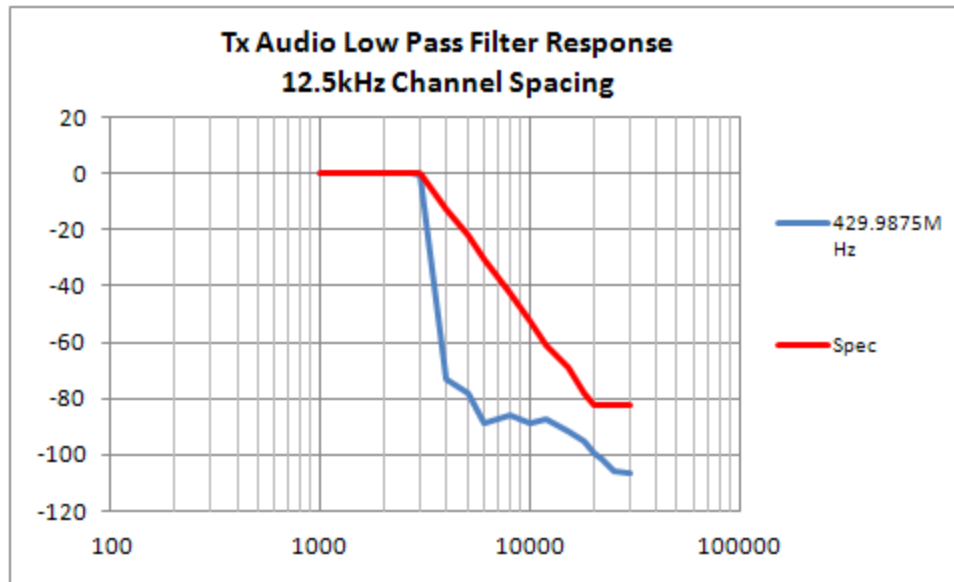
EXHIBIT 6C – Transmit Audio Post Limiter Low Pass Filter Response

Figure 6C-1: 429.9875 MHz, 12.5 kHz Channel Spacing, Transmit Audio Low Pass Filter Response

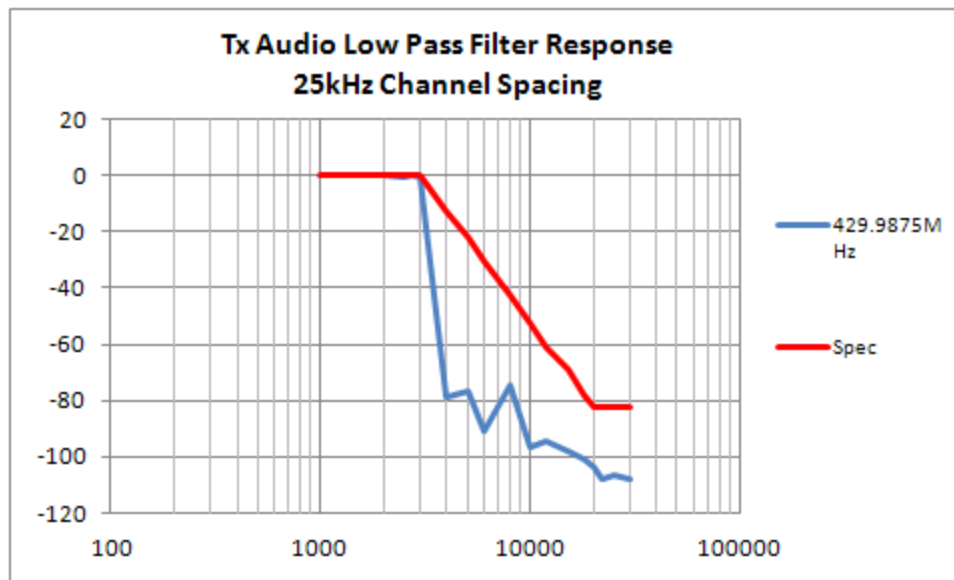


Figure 6C-2: 429.9875 MHz, 25 kHz Channel Spacing, Transmit Audio Low Pass Filter Response (Not for FCC Review)

EXHIBIT 6D – Modulation Limiting Characteristic

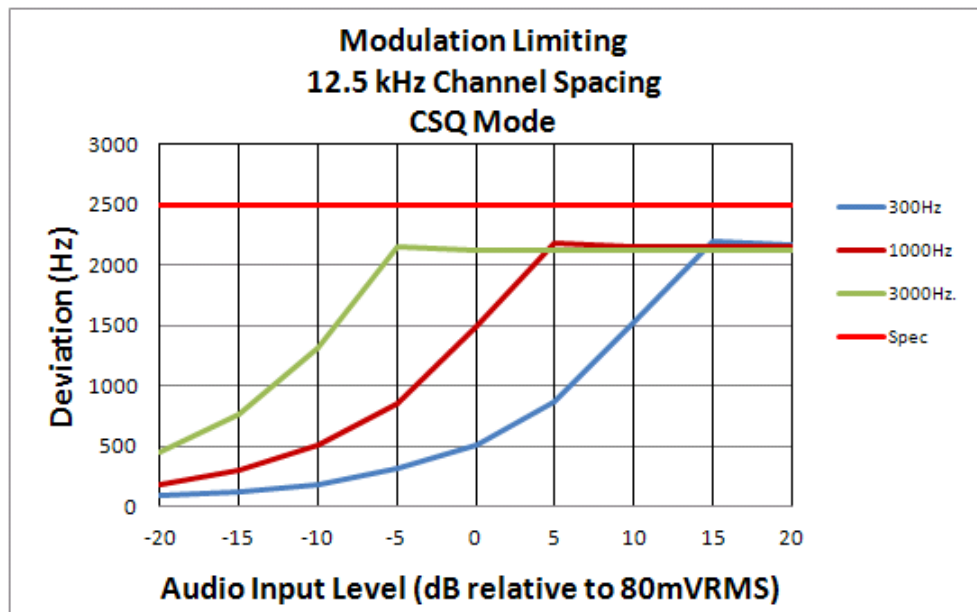


Figure 6D-1: 429.9875 MHz, 12.5 KHz Channel Spacing, Modulation Limiting

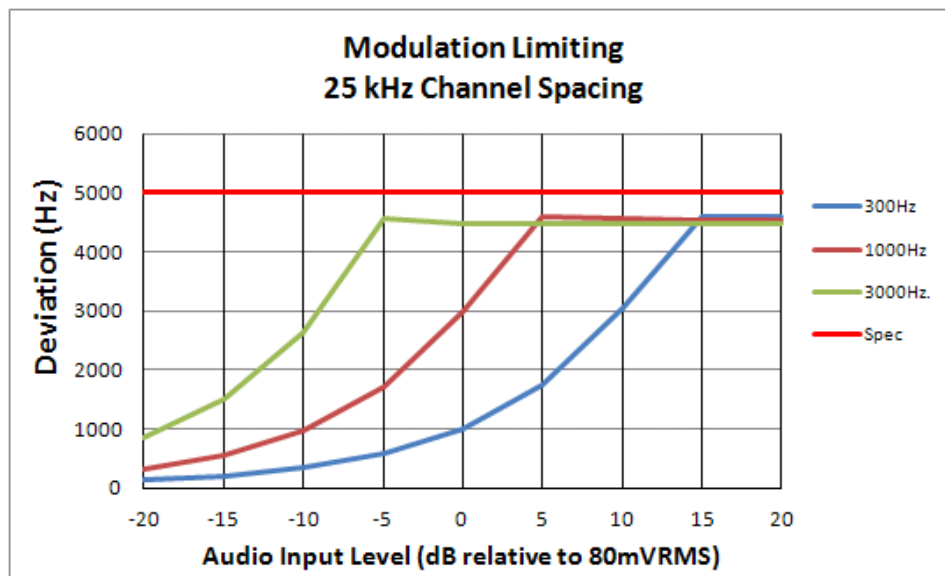
Figure 6D-2: 429.9875 MHz, 25 KHz Channel Spacing, Modulation Limiting
(Not for FCC Review)

EXHIBIT 6E – Modulation Techniques

The transmitter is capable of the following types of modulation:

- i) Modulation of PL (Private Line) – Direct FM tone modulation of 67 Hz to 250.3 Hz at 15% of full system deviation. Also referred to as TPL (Tone Private Line).
- ii) Modulation of DPL (Digital Private Line) – Direct FM modulation at 134 bps at 15% of full system deviation.
- iii) Modulation of 2000/3000 Hz FSK Data – FM modulation at nominally 60% of full system deviation.
- iv) Modulation of DTMF (Dual Tone Multi Frequency) – FM modulation at nominally 60% of full system deviation
- v) Modulation of 9600 bps 4 level FSK Data

Standard Audio Modulation (25 kHz Channelization, Analog Voice) (Not for FCC Review)

Per CFR Title 47, Part 2, Section 2.201, the Carson's Rule calculation for necessary bandwidth, $BW = 2M + 2DK$, where M = maximum modulating frequency in Hz, D = peak deviation in Hz, and K=1, is as follows:

In this case the maximum modulating frequency is 3.0 kHz with a 5.0 kHz deviation.

$$BW = 2(M+D) = 2*(3.0 \text{ kHz} + 5.0 \text{ kHz}) = 16 \text{ kHz (16K0 designator)}$$

Per CFR Title 47, Part 2, Section 2.201:

Frequency Modulation	F
A single channel containing analogue information	3
Telephony (including sound broadcasting)	E

The complete emissions designator for this transmitter is **16K0F3E**.

Standard Audio Modulation (12.5 kHz Channelization, Analog Voice)

Per CFR Title 47, Part 2, Section 2.201, the Carson's Rule calculation for necessary bandwidth, $BW = 2M + 2DK$, where M = maximum modulating frequency in Hz, D = peak deviation in Hz, and K=1, is as follows:

In this case the maximum modulating frequency is 3.0 kHz with a 2.5 kHz deviation.

$$BW = 2(M+D) = 2*(3.0 \text{ kHz} + 2.5 \text{ kHz}) = 11 \text{ kHz (11K0 designator)}$$

Per CFR Title 47, Part 2, Section 2.201:

Frequency Modulation	F
A single channel containing analogue information	3
Telephony (including sound broadcasting)	E

The complete emissions designator for this transmitter is **11K0F3E**.

4 Level FSK Digital Modulation Techniques

The modulation sends 4800 symbols/sec with each symbol conveying 2 bits of information for a data rate of 9600 bps in a 12.5 kHz channel, which is equivalent to 4800 bps per 6.25kHz. The maximum deviation D , of the symbol is defined as:

$$D = 3h / 2T$$

where:

h is the deviation index defined for the modulation

T is the symbol time (1/4800) in seconds

The deviation index, h , is 0.27. This yields a symbol deviation of 1.944 kHz at the symbol center. The mapping between symbols and bits is shown below:

Information Bits		Symbol	4FSK Deviation
Bit 1	Bit 0		
0	1	+3	+1.944 kHz
0	0	+1	+0.648 kHz
1	0	-1	-0.648 kHz
1	1	-3	-1.944 kHz

A Square Root Raised Cosine Filter is implemented for the modulation low pass filter. The input to the modulation low pass filter consists of a series of impulses separated in time by 208.33 microseconds (1/4800 sec). The group delay of the filter is flat over the passband for $|f| < 2880$ Hz. The magnitude response of the filter is given by the following formula.

$|F(f)|$ = magnitude response of the Square Root Raised Cosine Filter

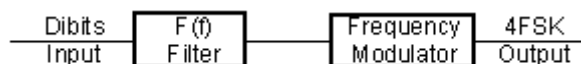
$|F(f)| = 1$ for $|f| \leq 1920$ Hz

$|F(f)| = |\cos(\pi f / 1920)|$ for $1920 \text{ Hz} < |f| < 2880 \text{ Hz}$

$|F(f)| = 0$ for $|f| > 2880 \text{ Hz}$

where f = frequency in hertz.

The 4FSK modulator consists of a Square Root Raised Cosine Filter, cascaded with a frequency modulator.



4 Level FSK Digital Modulation (12.5 kHz Channelization, Digital Data)

Measurement's per Rule Part 2.202(c)(4) where employed because Part 2.202(g) Table III A formulation produces an excessive result using the value of K recommended in the Table. Therefore, the 99% energy rule (Title 47 CFR 2.989) was used for digital mode and is more accurate than Carson's rule. It states that 99% of the modulation energy falls within X kHz, which in this case is 7.6 kHz (**7K60** designator).

Per CFR Title 47, Part 2, Section 2.201:

Frequency Modulation **F**
 A single channel containing quantized or digital information without the use of a
 modulating sub-carrier, excluding time-division multiplex **1**
 Data Transmission, telemetry, telecommand **D**

Note: This product utilizes a Time Division Multiple Access (TDMA) protocol.

The complete emissions designator for this transmitter is **7K60F1D**.

4 Level FSK Digital Modulation (12.5 kHz Channelization, Digital Voice and Data)

Measurement's per Rule Part 2.202(c)(4) where employed because Part 2.202(g) Table III A formulation produces an excessive result using the value of K recommended in the Table. Therefore the 99% energy rule (title 47CFR2.989) was used for digital mode and is more accurate than Carson's rule. It states that 99% of the modulation energy falls within X kHz, which in this case is 7.6 kHz (**7K60** designator).

Per CFR Title 47, Part 2, Section 2.201:

Frequency Modulation	F
A single channel containing quantized or digital information without the use of a modulating sub-carrier, excluding time-division multiplex	1
Telephony (including sound broadcasting)	E

Note: This product utilizes a Time Division Multiple Access (TDMA) protocol.

The complete emissions designator for this transmitter is **7K60F1E**.

Digital (12.5 kHz Channelization, Digital TDMA)

Measurement's per Rule Part 2.202(c)(4) where employed because Part 2.202(g) Table III A formulation produces an excessive result using the value of K recommended in the Table. Therefore the 99% energy rule (title 47CFR2.989) was used for digital mode and is more accurate than Carson's rule. It states that 99% of the modulation energy falls within X kHz, which in this case is 7.6 kHz (**7K60** designator).

Per CFR Title 47, Part 2, Section 2.201:

Frequency Modulation	F
A single channel containing quantized or digital information without the use of a modulating sub-carrier, excluding time-division multiplex	1
Combination of Data Transmission, telemetry, telecommand (D), and Telephony (E)...	W

Note: This product utilizes a Time Division Multiple Access (TDMA) protocol.

The complete emissions designator for this transmitter is **7K60F1W**.

4 Level FSK Digital Modulation (12.5 kHz Channelization, Digital Data)

Measurement's per Rule Part 2.202(c)(4) where employed because Part 2.202(g) Table III A formulation produces an excessive result using the value of K recommended in the Table. Therefore, the 99% energy rule (Title 47 CFR 2.989) was used for digital mode and is more accurate than Carson's rule. It states that 99% of the modulation energy falls within X kHz, which in this case is 7.6 kHz (**7K60** designator).

Per CFR Title 47, Part 2, Section 2.201:

Frequency Modulation	F
Case not otherwise covered	X
Data Transmission, telemetry, telecommand	D

Note: This product utilizes a Time Division Multiple Access (TDMA) protocol.

The complete emissions designator for this transmitter is **7K60FXD**.

4 Level FSK Digital Modulation (12.5 kHz Channelization, Digital Voice and Data)

Measurement's per Rule Part 2.202(c)(4) where employed because Part 2.202(g) Table III A formulation produces an excessive result using the value of K recommended in the Table. Therefore the 99% energy rule (title 47CFR2.989) was used for digital mode and is more accurate than Carson's rule. It states that 99% of the modulation energy falls within X kHz, which in this case is 7.6 kHz (**7K60** designator).

Per CFR Title 47, Part 2, Section 2.201:

Frequency Modulation	F
Case not otherwise covered	X
Telephony (including sound broadcasting)	E

Note: This product utilizes a Time Division Multiple Access (TDMA) protocol.

The complete emissions designator for this transmitter is **7K60FXE**.

OCCUPIED BANDWIDTH MEASUREMENT

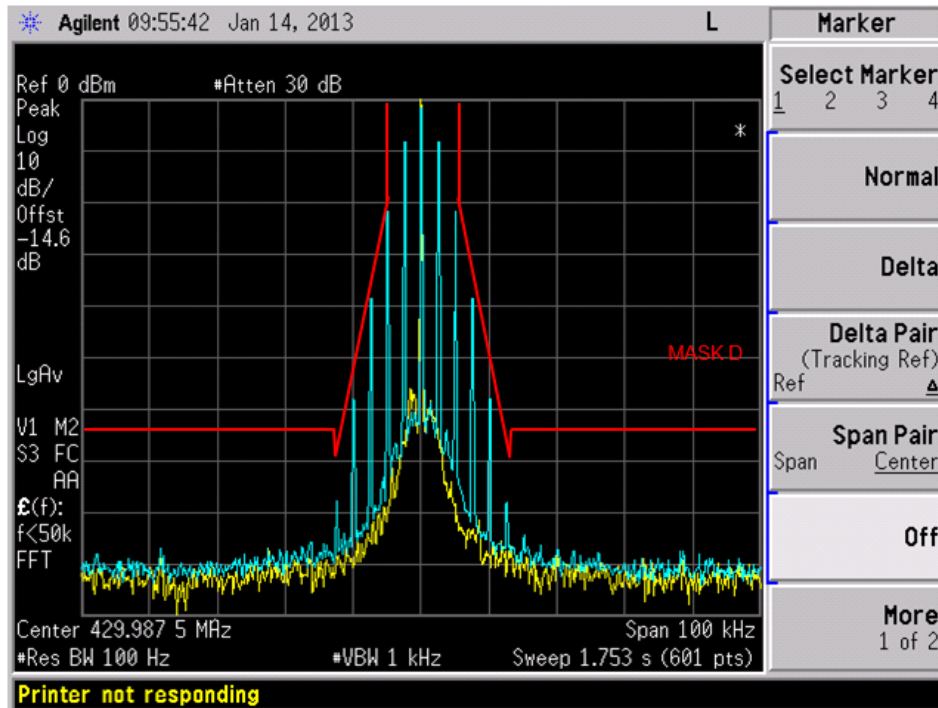


Figure 6E-1: 429.9875 MHz, 12.5 kHz Channel Spacing, 2500Hz Audio Modulation only, 11K0F3E Mask D

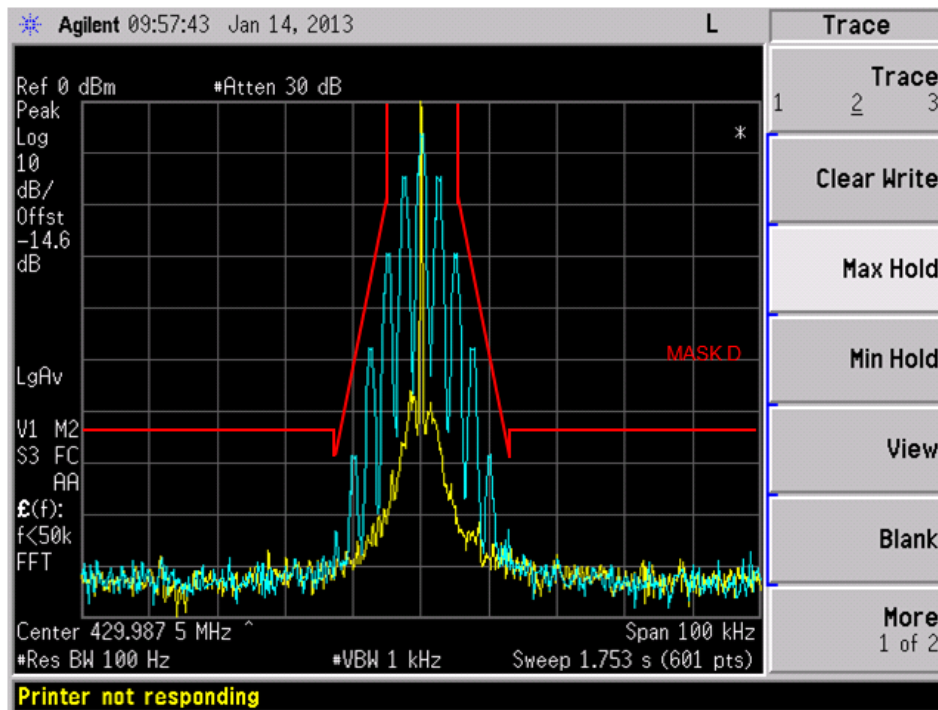


Figure 6E-2: 429.9875 MHz, 12.5 kHz Channel Spacing, 2500Hz Audio and PL Tone Modulation, 11K0F3E Mask D

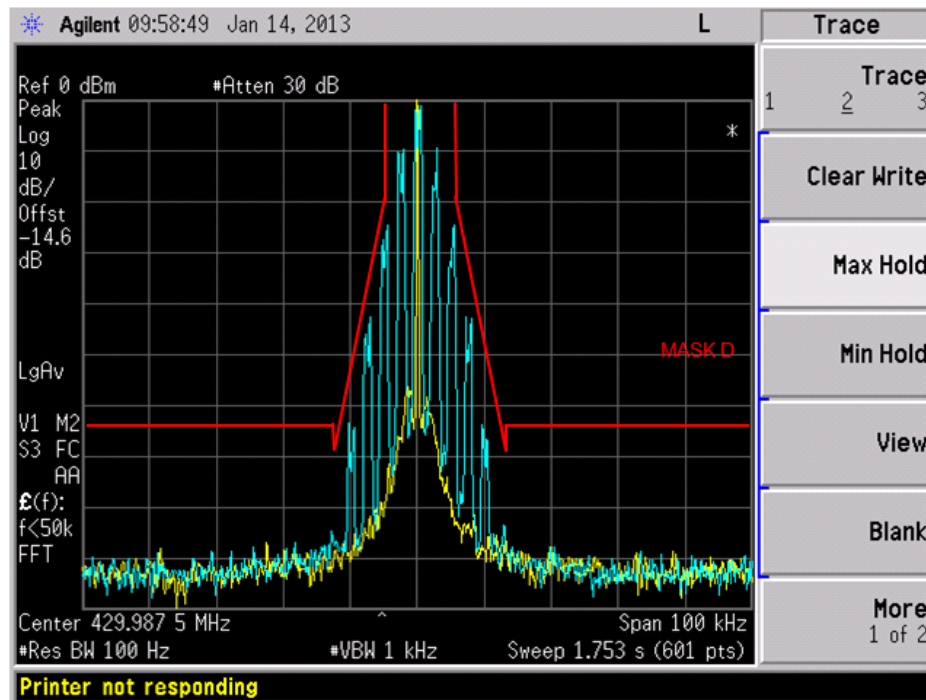


Figure 6E-3: 429.9875 MHz, 12.5 kHz Channel Spacing, 2500Hz Audio and DPL Tone Modulation, **11K0F3E Mask D**

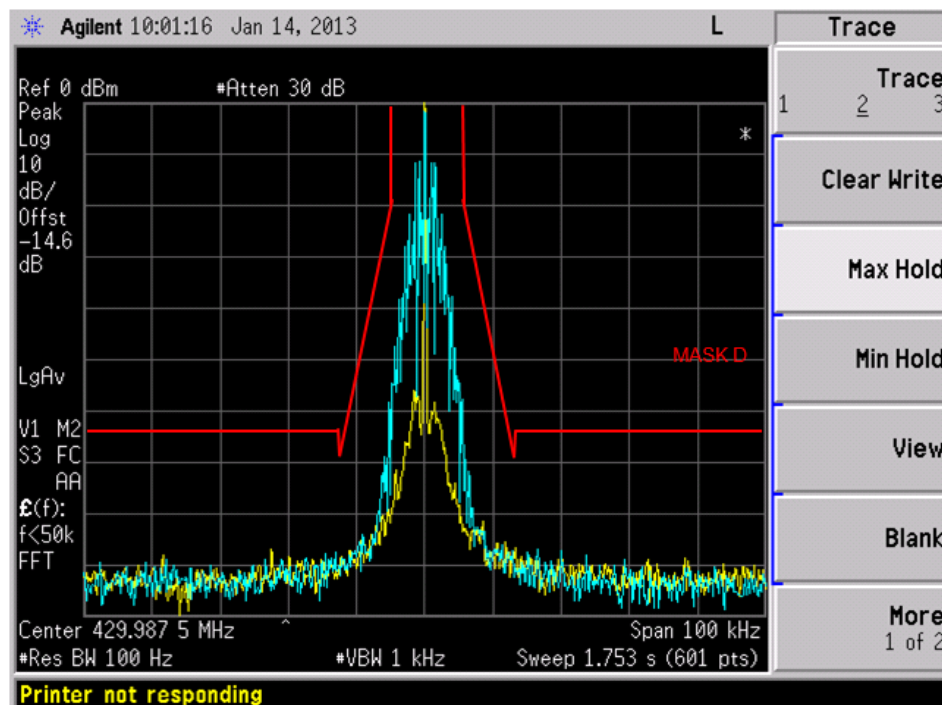


Figure 6E-4: 429.9875 MHz, 12.5 kHz Channel Spacing, DTMF Modulation only, 11K0F3E Mask

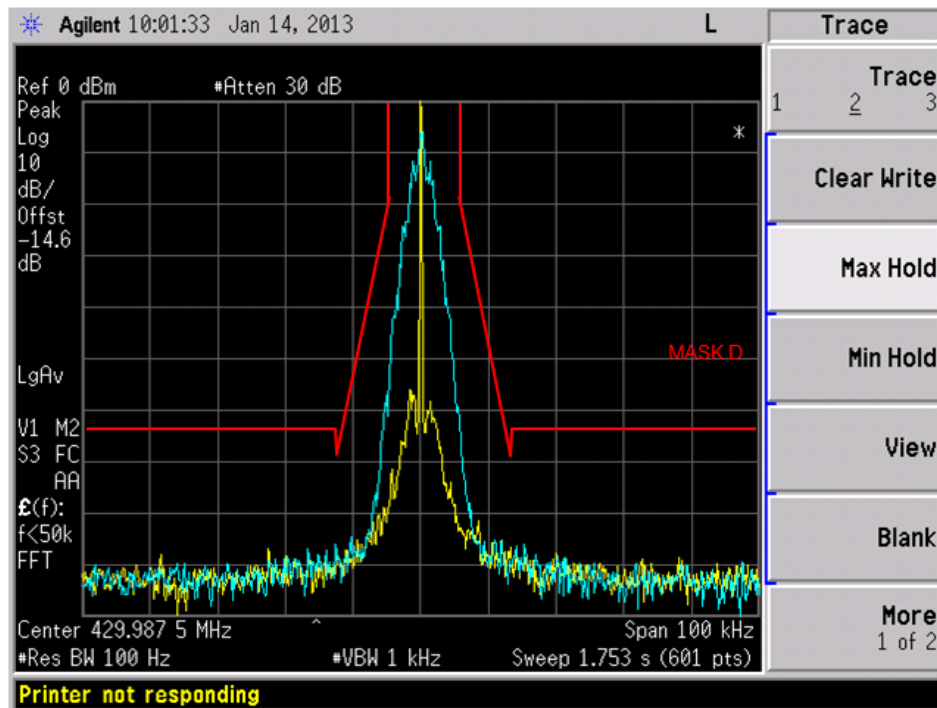


Figure 6E-5: 429.9875 MHz, 12.5 kHz Channel Spacing, DTMF and PL Tone Modulation, 11K0F3E Mask D

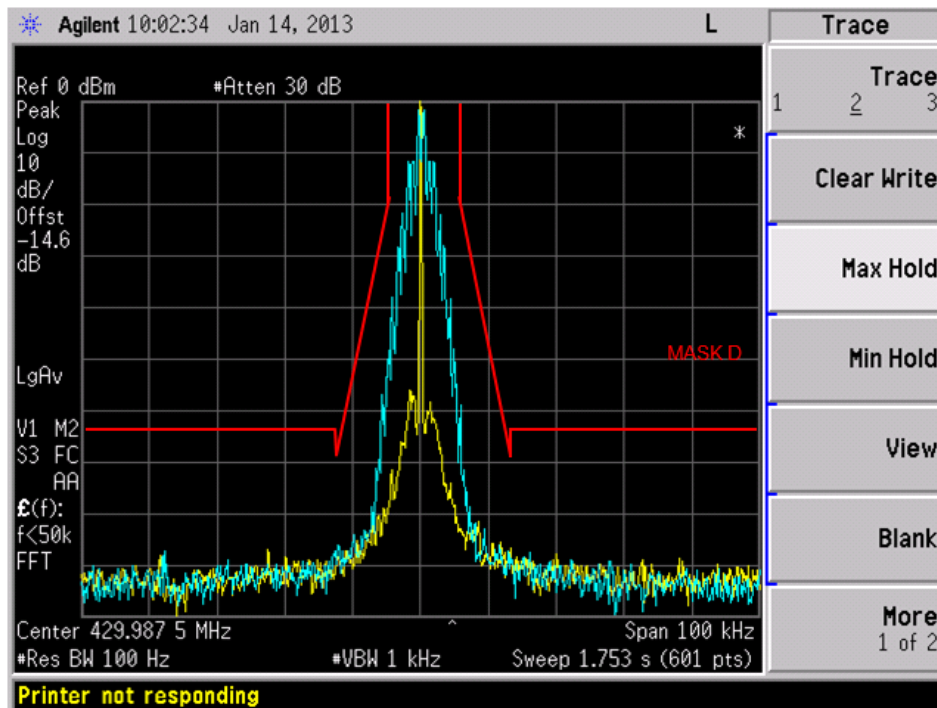


Figure 6E-6: 429.9875 MHz, 12.5 kHz Channel Spacing, DTMF and DPL Tone Modulation, 11K0F3E Mask D

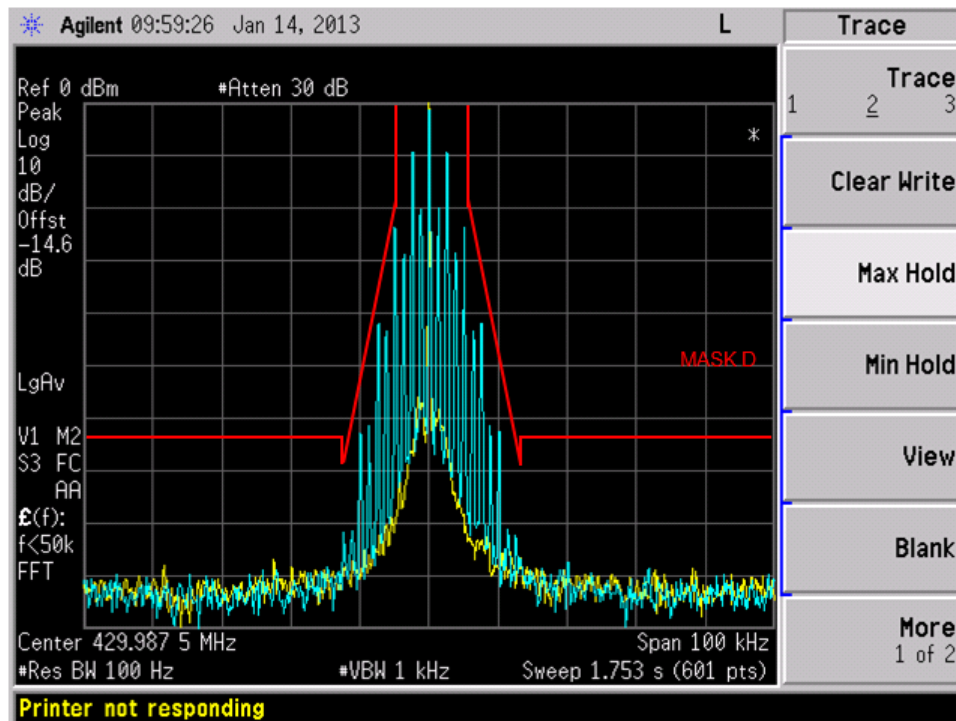


Figure 6E-7: 429.9875 MHz, 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only, 11K0F3E Mask D

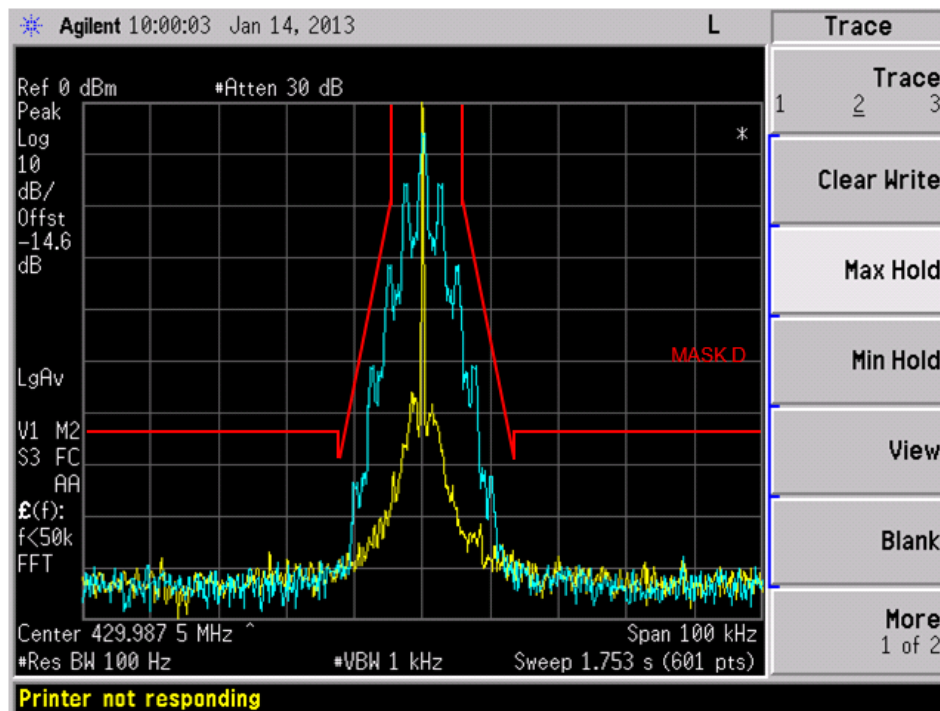


Figure 6E-8: 429.9875 MHz, 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation, 11K0F3E Mask D

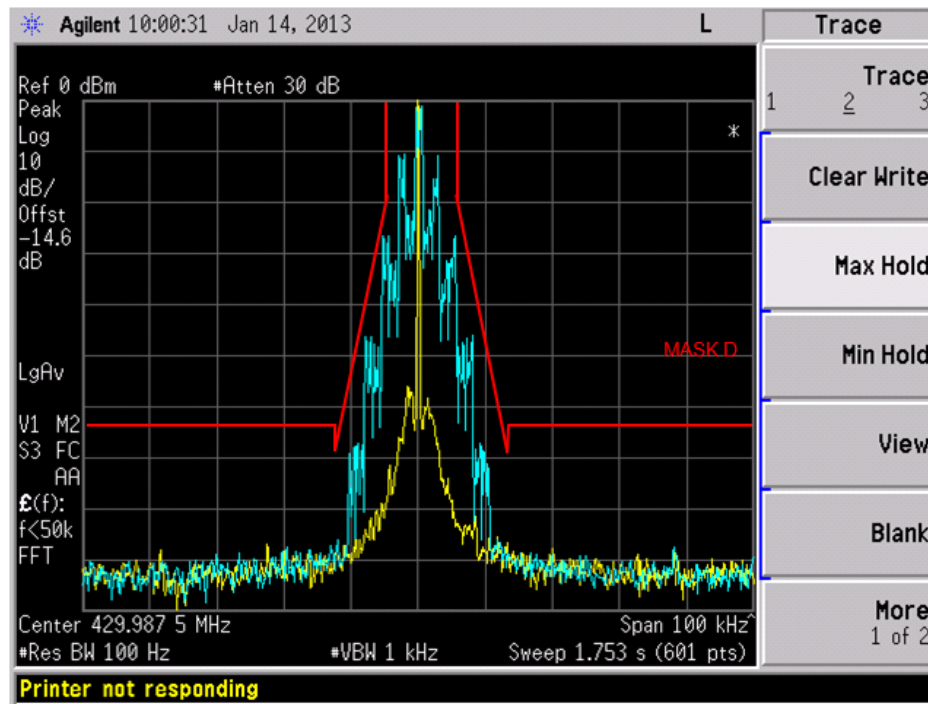


Figure 6E-9: 429.9875 MHz, 12.5 kHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation, 11K0F3E Mask D

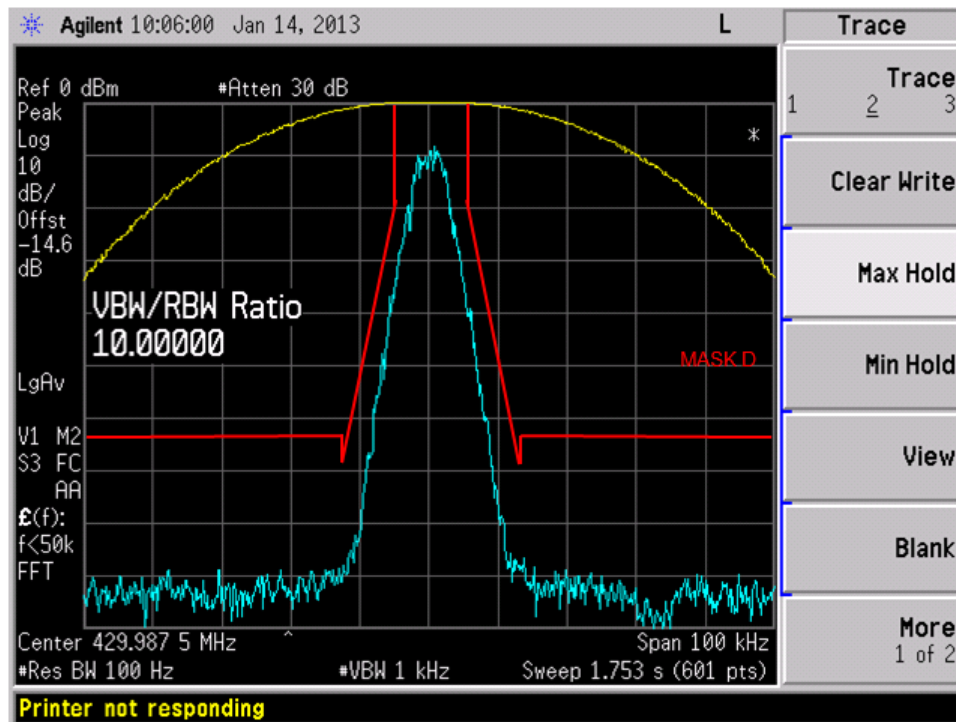


Figure 6E-10: 429.9875 MHz, 0.153 Test Pattern 4FSK Voice and Data Modulation, 7K60F1E Mask D

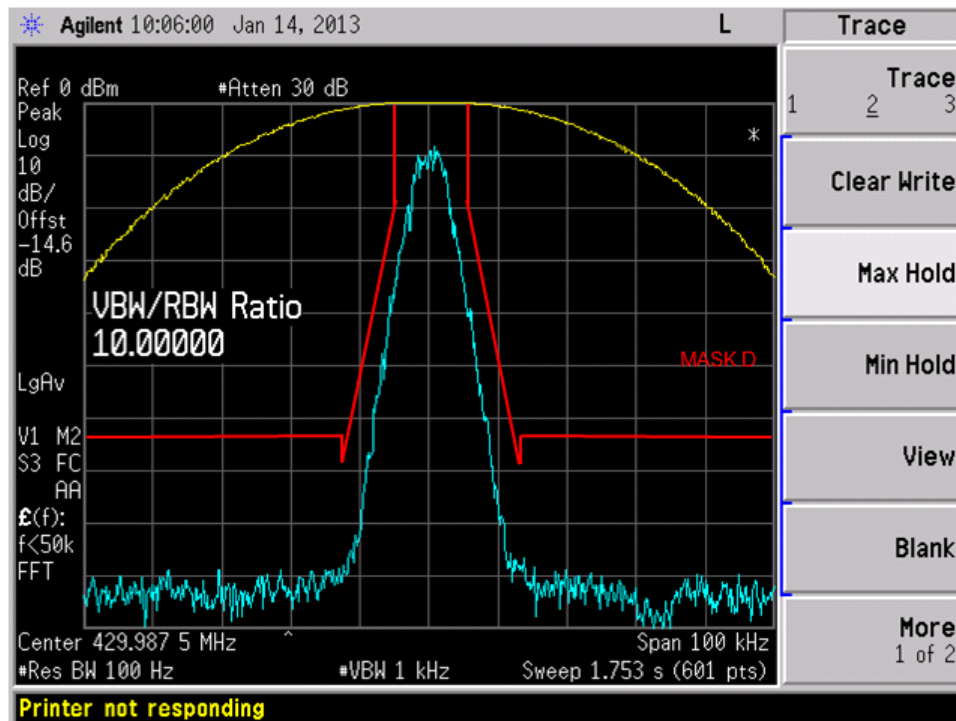


Figure 6E-11: 429.9875 MHz, O.153 Test Pattern 4FSK TDMA, 7K60F1W Mask D

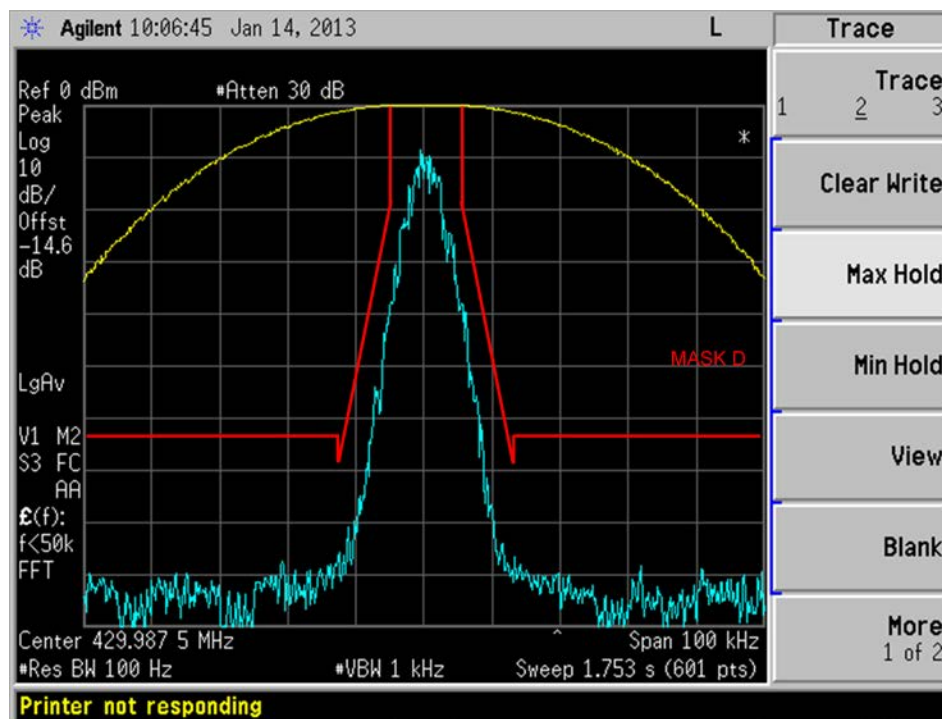


Figure 6E-12: 429.9875 MHz, O.153 Test Pattern 4FSK Data Modulation only, 7K60F1D Mask D

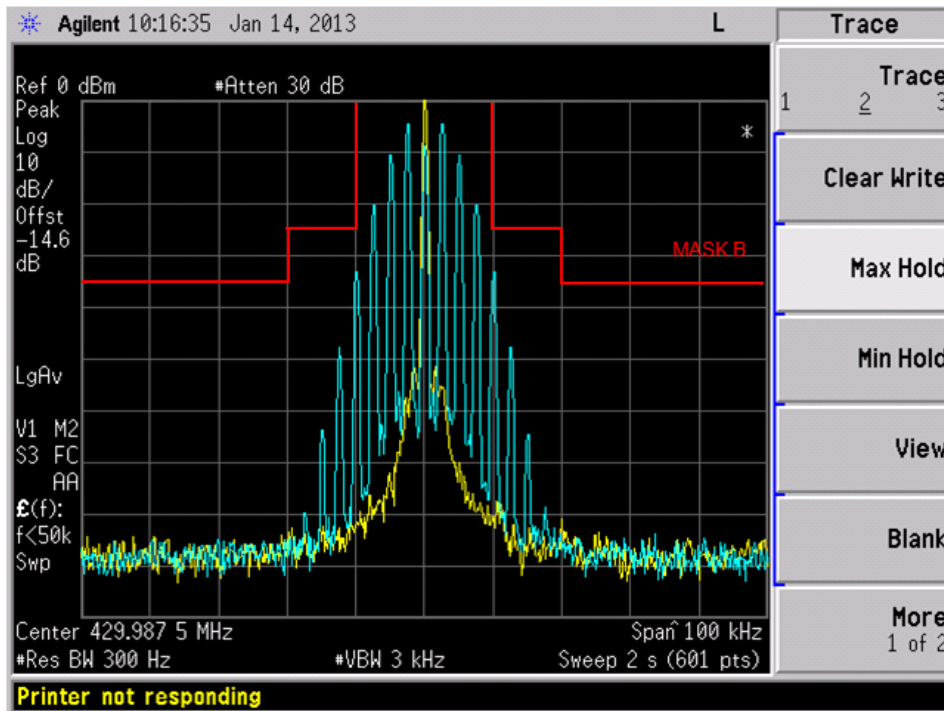


Figure 6E-13: 429.9875 MHz, 25 kHz Channel Spacing, 2500Hz Audio Modulation only, 16K0F3E Mask B (Not for FCC Review)

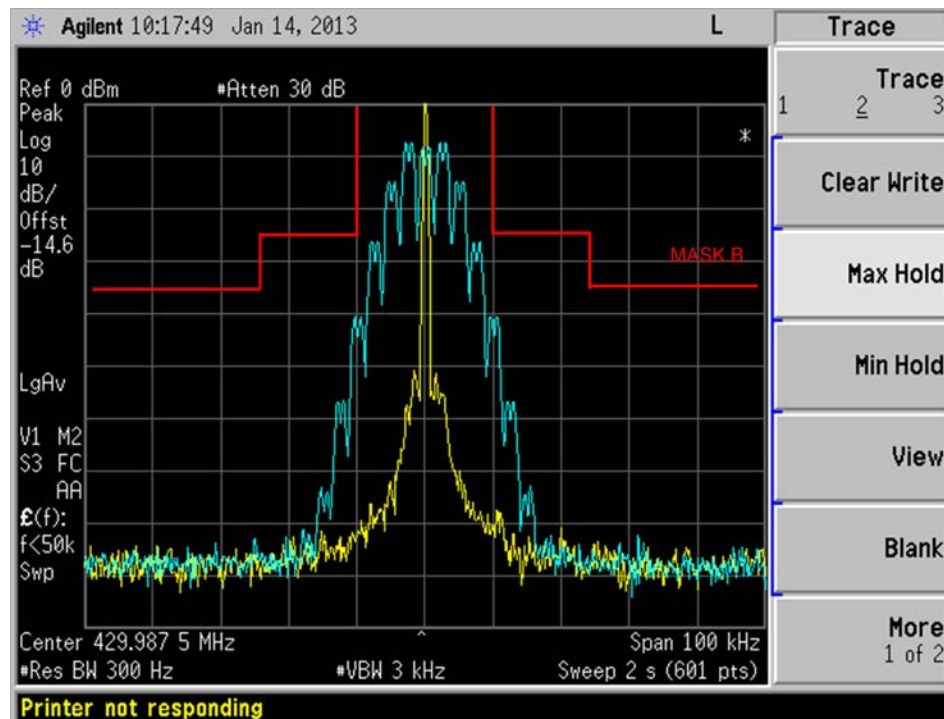


Figure 6E-14: 429.9875 MHz, 25 kHz Channel Spacing, 2500Hz Audio and PL Tone Modulation, 16K0F3E Mask B (Not for FCC Review)

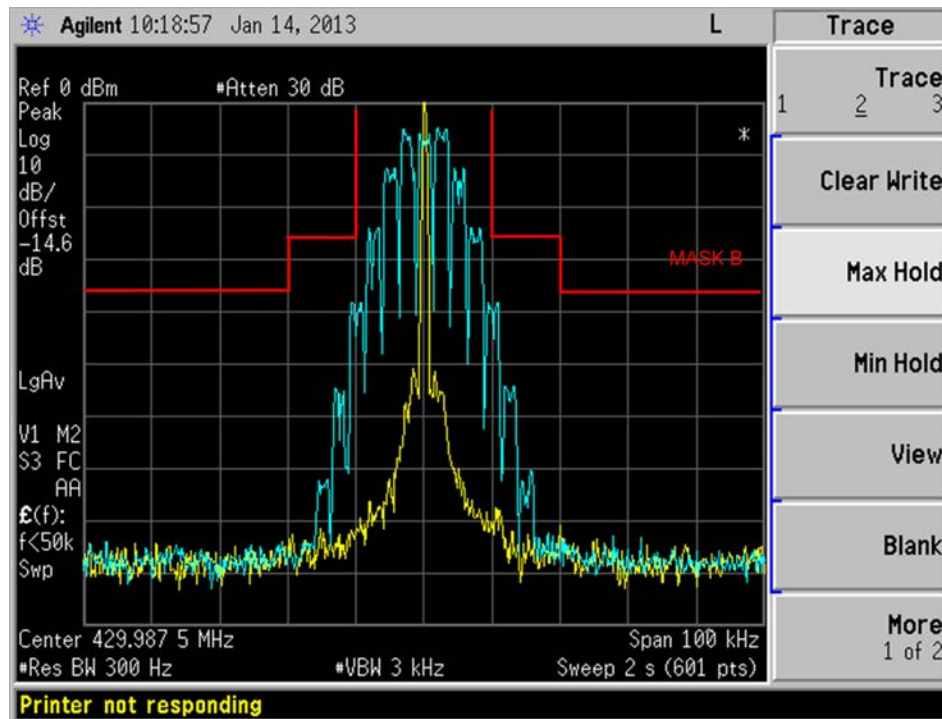


Figure 6E-15: 429.9875 MHz, 25 kHz Channel Spacing, 2500Hz Audio and DPL Tone Modulation, **16K0F3E Mask B** (Not for FCC Review)

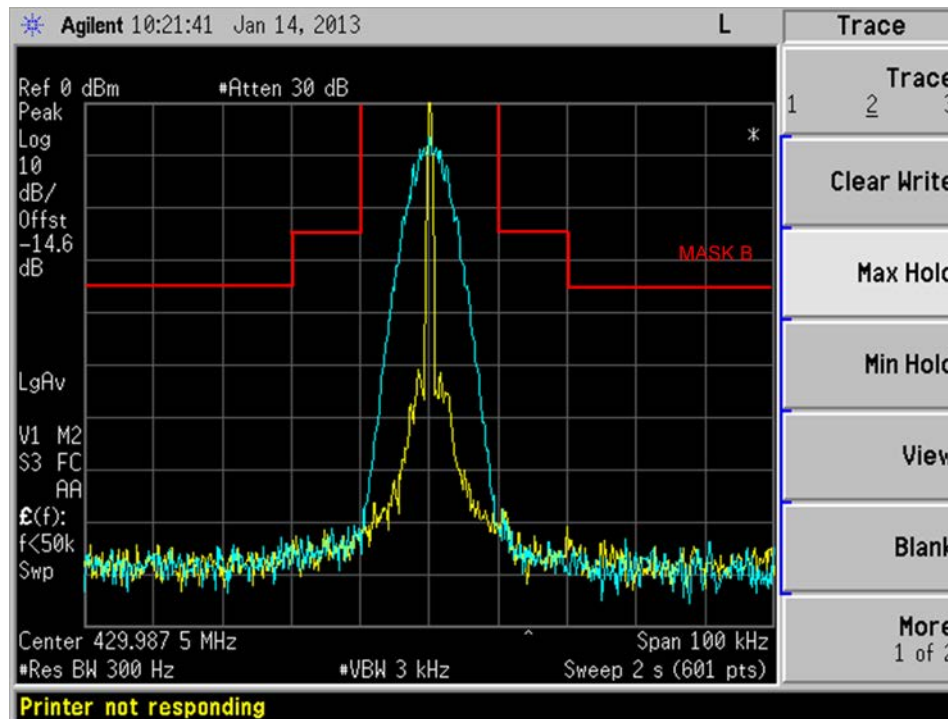


Figure 6E-16: 429.9875 MHz, 25 kHz Channel Spacing, DTMF Modulation only, 16K0F3E Mask B (Not for FCC Review)

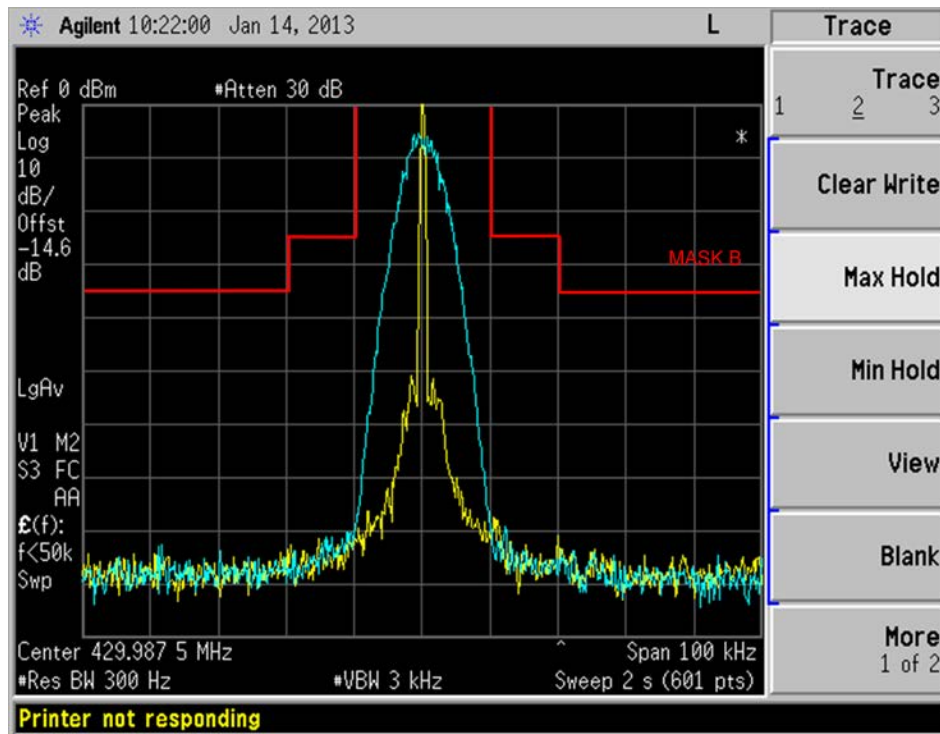


Figure 6E-17: 429.9875 MHz, 25 kHz Channel Spacing, DTMF and PL Tone Modulation, 16K0F3E Mask B (Not for FCC Review)

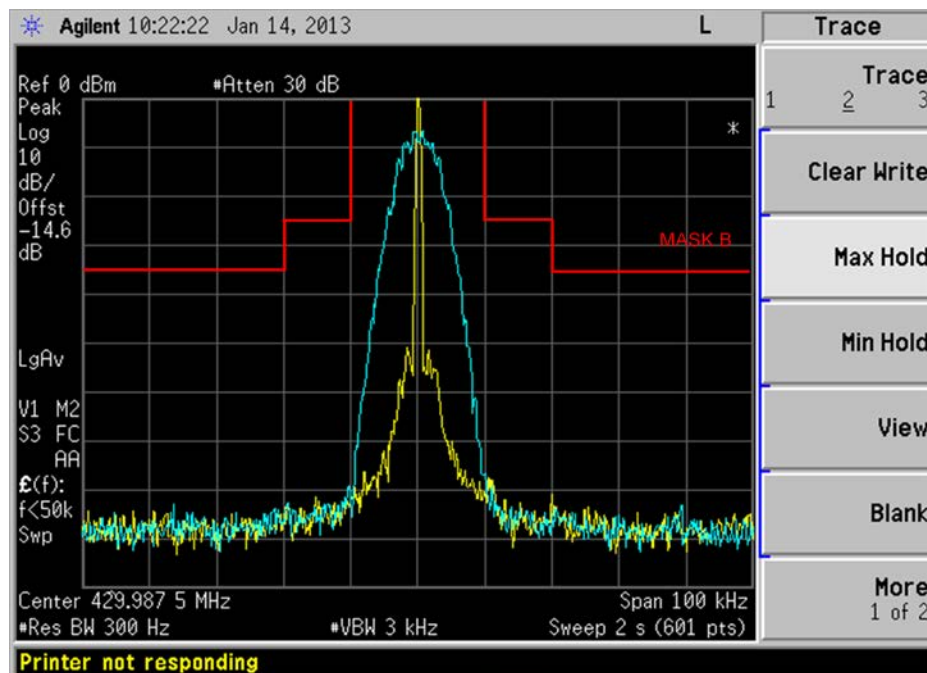


Figure 6E-18: 429.9875 MHz, 25 kHz Channel Spacing, DTMF and DPL Tone Modulation, 16K0F3E Mask B (Not for FCC Review)

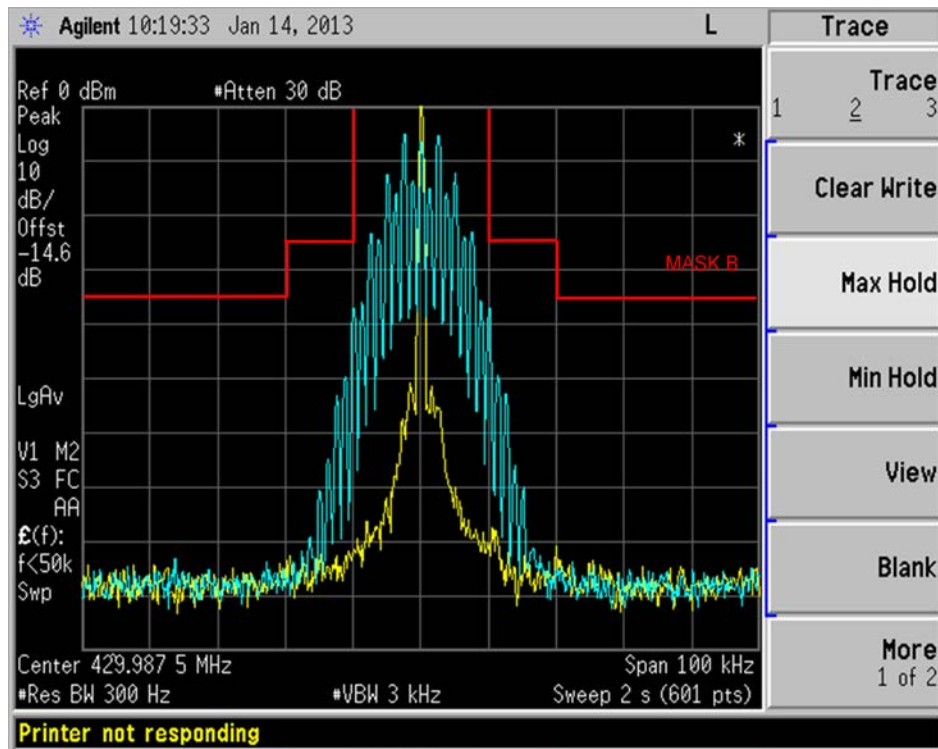


Figure 6E-19: 429.9875 MHz, 25 kHz Channel Spacing, 2000/3000 Hz FSK Data Modulation Only, 16K0F3E Mask B (Not for FCC Review)

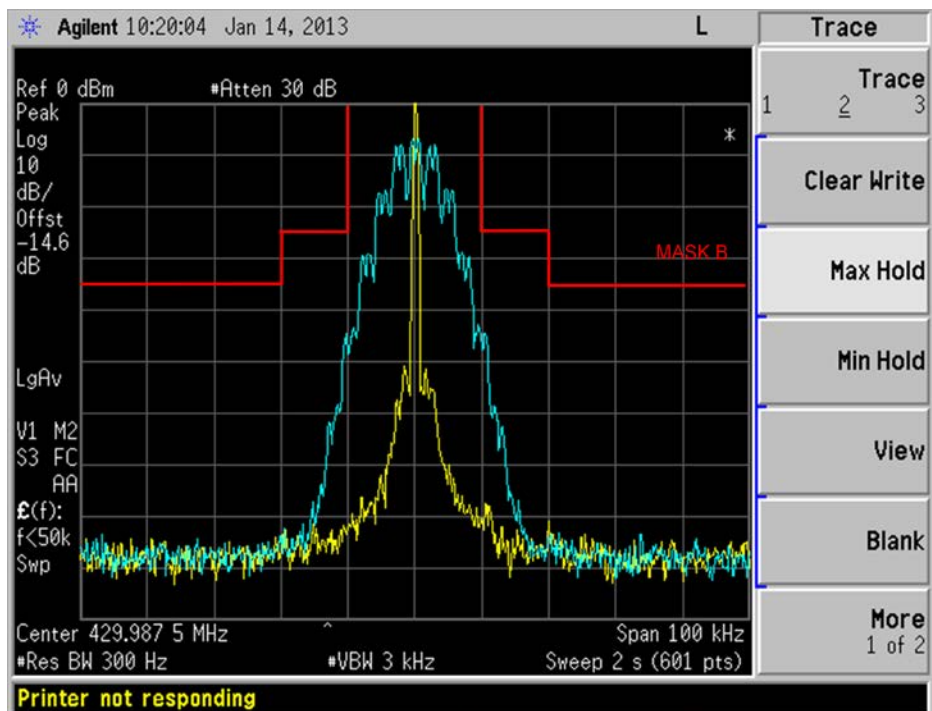


Figure 6E-20: 429.9875 MHz, 25 kHz Channel Spacing, 2000/3000 Hz FSK Data and PL Tone Modulation, 16K0F3E Mask B (Not for FCC Review)

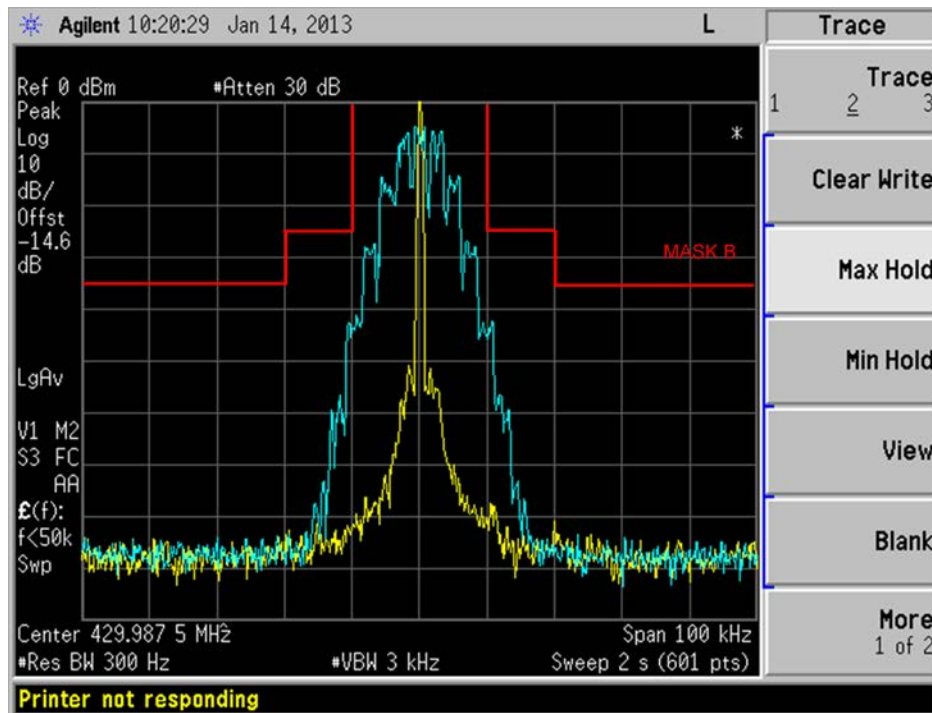


Figure 6E-21: 429.9875 MHz, 25 kHz Channel Spacing, 2000/3000 Hz FSK Data and DPL Tone Modulation, 16K0F3E Mask B (Not for FCC Review)

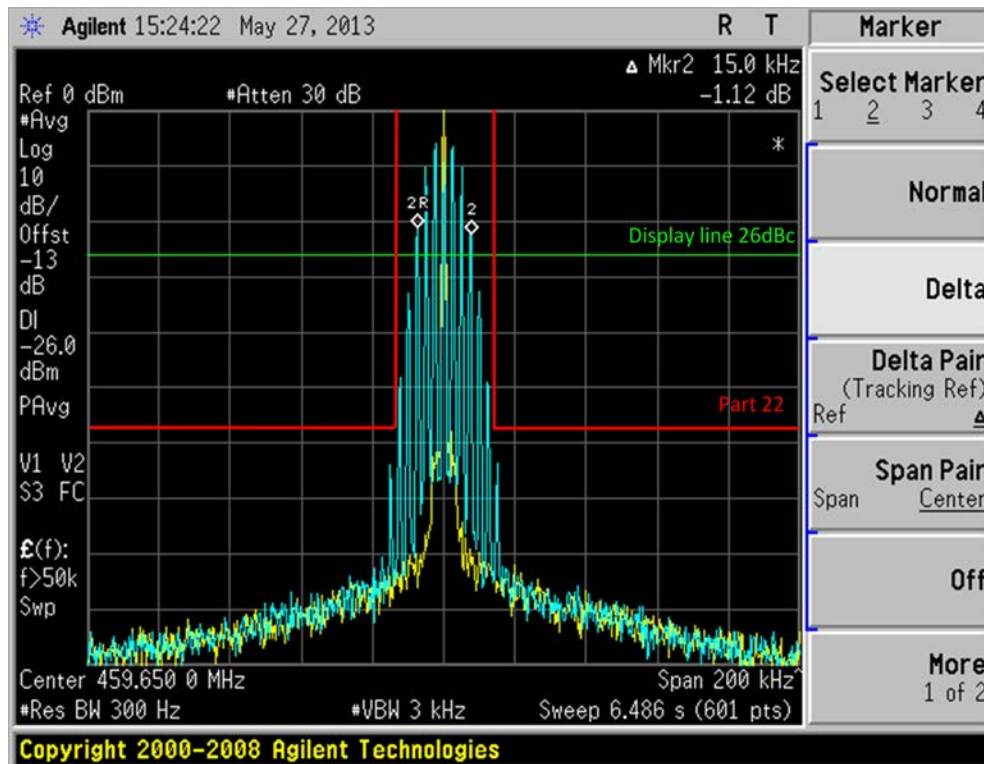


Figure 6E-22: 459.65 MHz, 25 kHz Channel Spacing, 2500Hz Audio Modulation only, Mask B (Part 22)

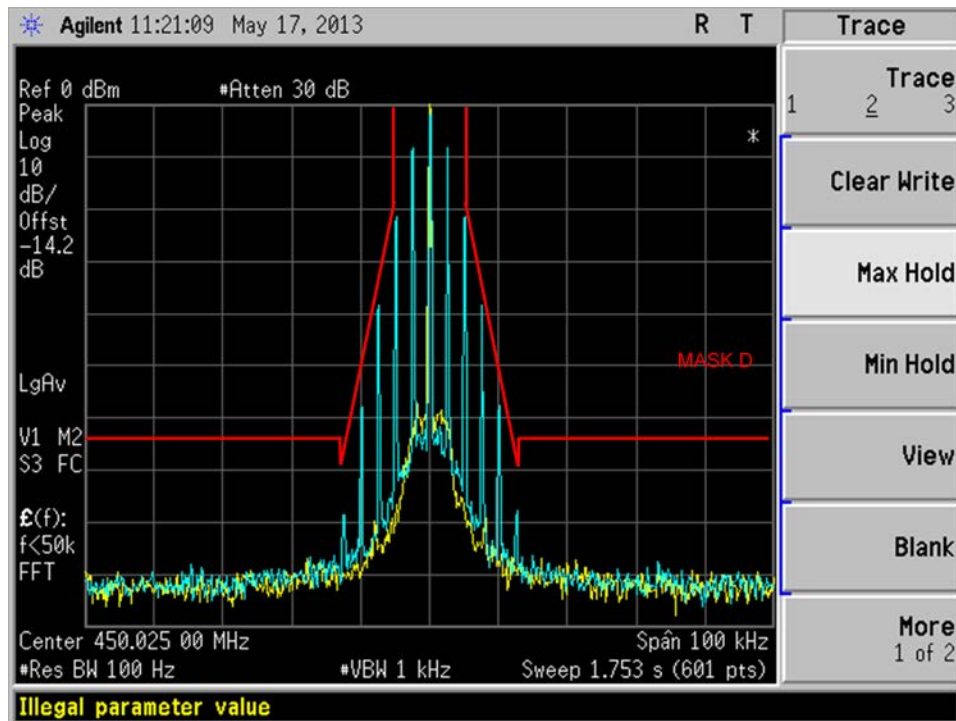


Figure 6E-23: 450.025MHz, 12.5 kHz Channel Spacing, 2500Hz Audio Modulation only, 11K0F3E Mask D (Part 74)

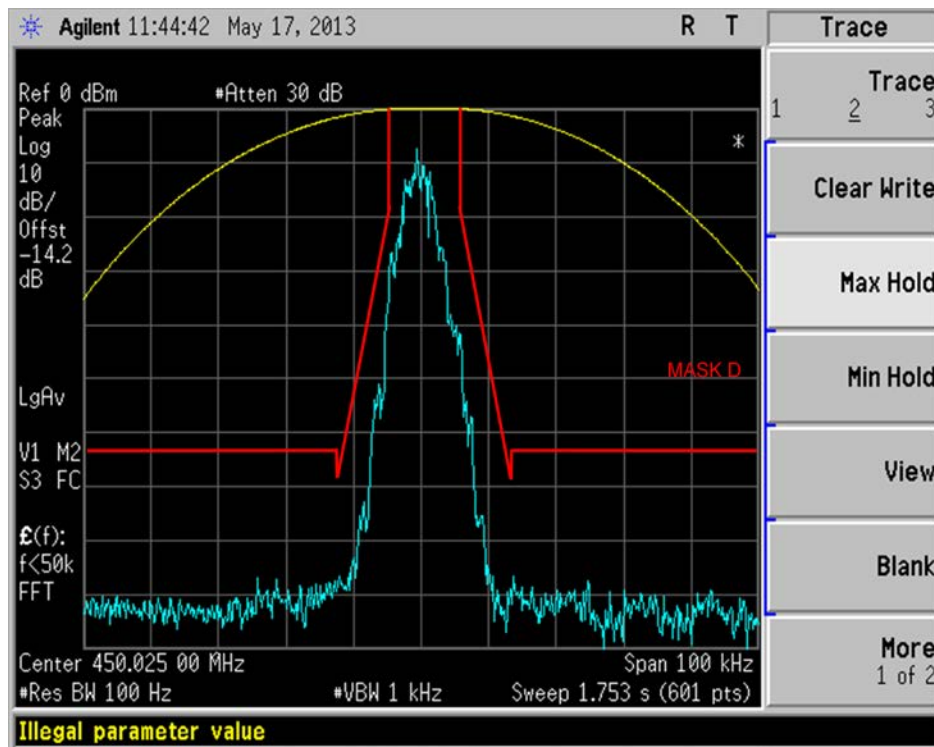


Figure 6E-24: 450.025 MHz, 0.153 Test Pattern 4FSK Voice and Data Modulation, 7K60F1E Mask D (Part 74)

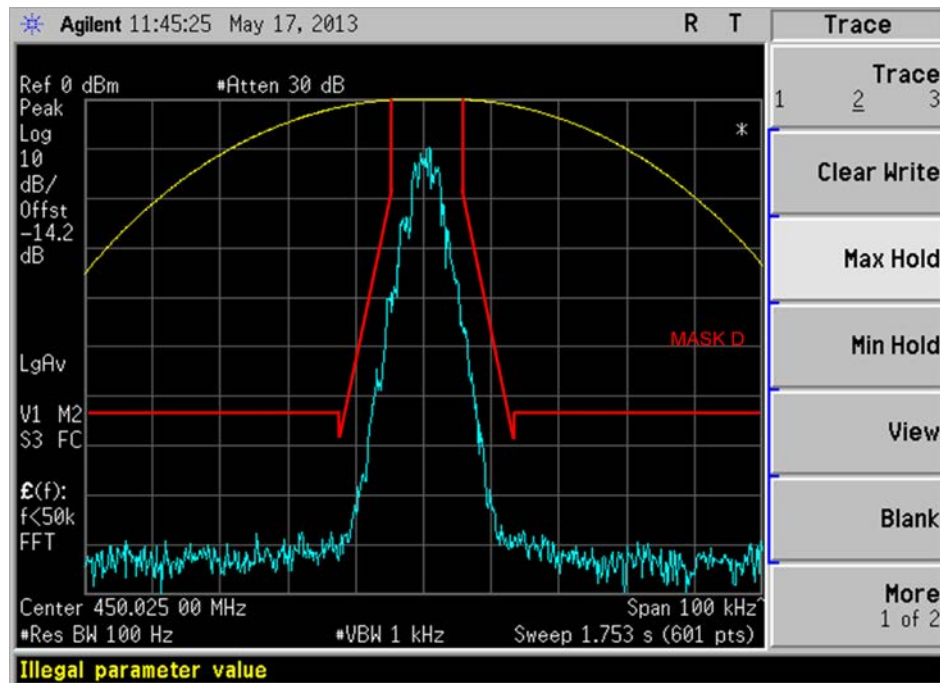


Figure 6E-25: 450.025Mhz, O.153 Test Pattern 4FSK Data Modulation, 7K60F1D Mask D (Part 74)

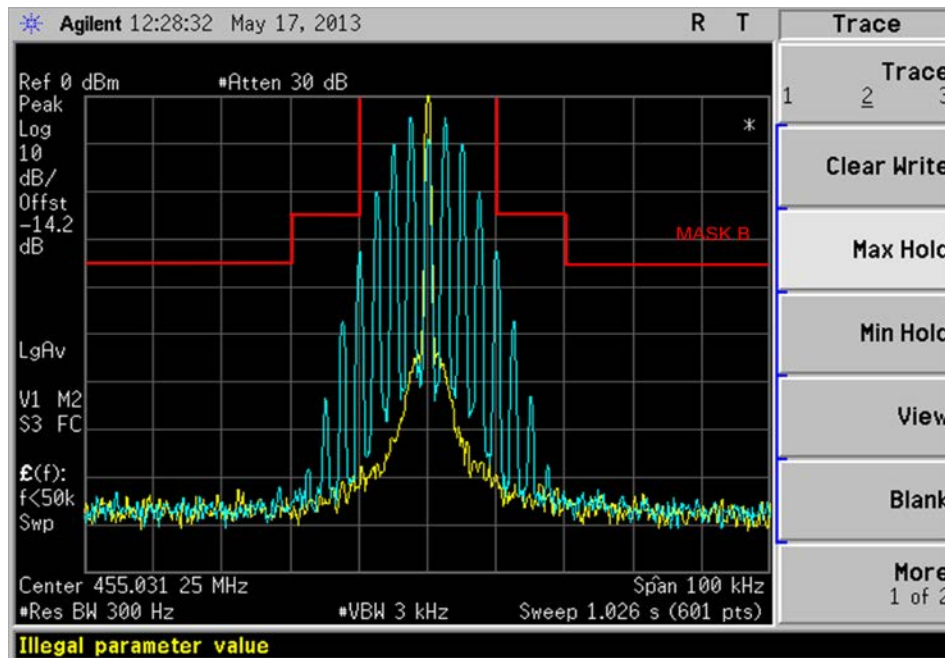


Figure 6E-26: 455.03125 MHz, 25 kHz Channel Spacing, 2500Hz Audio Modulation only, 16K0F3E Mask B (Part 74)

****NOTE:-**

- For 4FSK Digital Modulation, 12.5 kHz Data 7K60F1D & 7K60FXD would be the same. Therefore only measurements with 7K60FXD shown above.
- For 4FSK Digital Modulation, 12.5 kHz Voice 7K60F1E & 7K60FXE would be the same. Therefore only measurements with 7K60FXE shown above.
- All measurements of Occupied Bandwidth which are shown on the above plots are measured using a Spectrum Analyzer
- Measurement using a Spectrum Analyzer must use a 30dB attenuation in order to avoid damage to it
- Therefore the reference power level (Ref) shown on each plot refers to its true power level

EXHIBIT 6F – Transmitter Conducted Spurious Emissions

Note: Display lines on graphs correspond to the FCC limit of – 13dBm (25 kHz) & -20dBm (12.5 kHz).

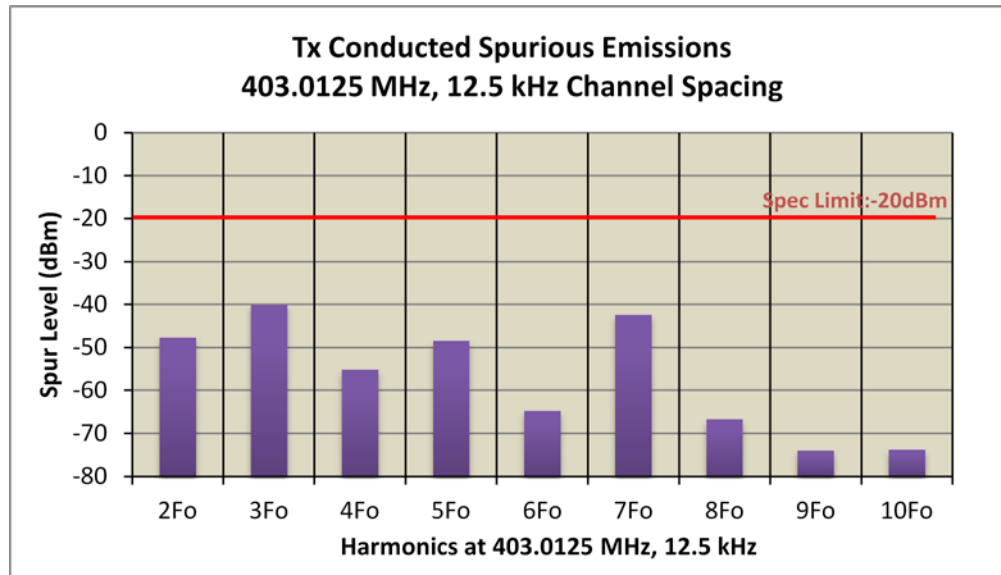


Figure 6F-1: 30W Harmonic of Carrier 403.0125 MHz, 12.5 kHz Channel Spacing

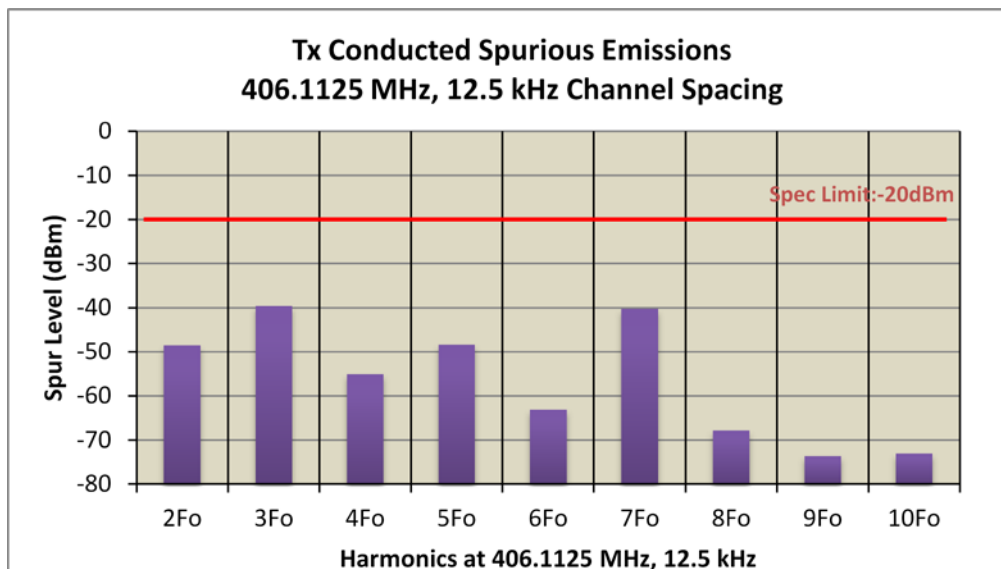


Figure 6F-2: 30W Harmonic of Carrier 406.1125 MHz, 12.5 kHz Channel Spacing

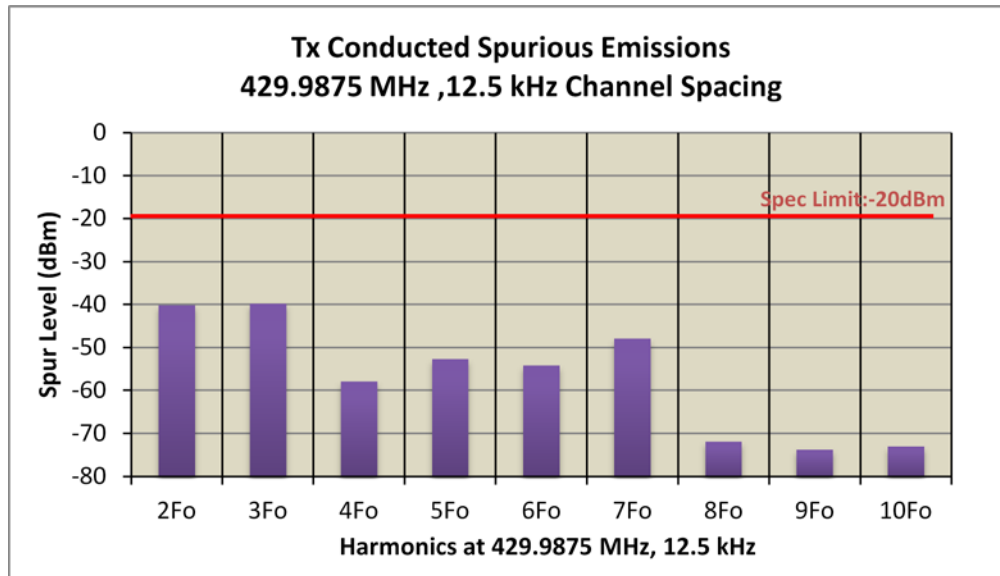


Figure 6F-3: 30W Harmonic of Carrier 429.9875 MHz, 12.5 kHz Channel Spacing

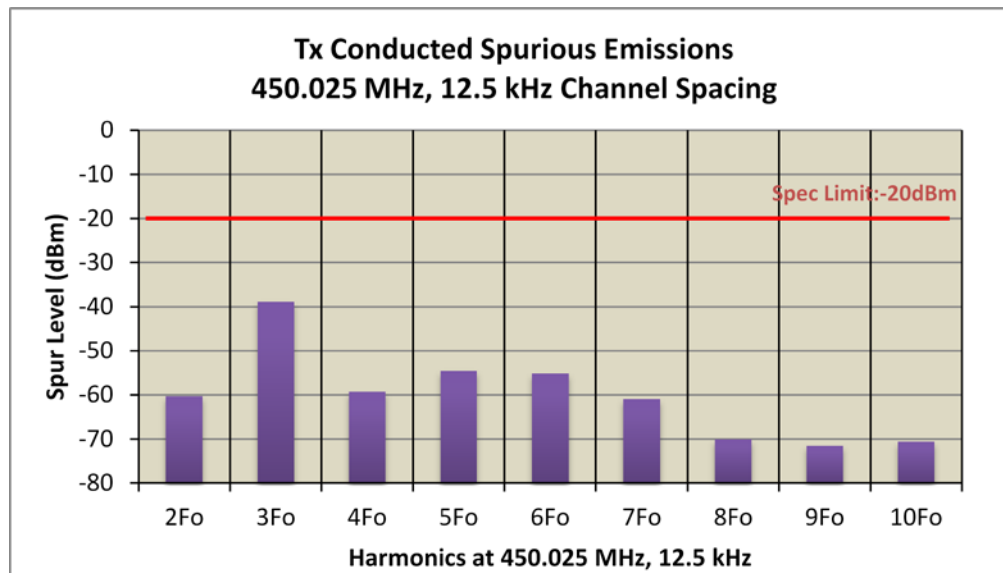


Figure 6F-4: 30W Harmonic of Carrier 450.025 MHz, 12.5 kHz Channel Spacing (Part 74)

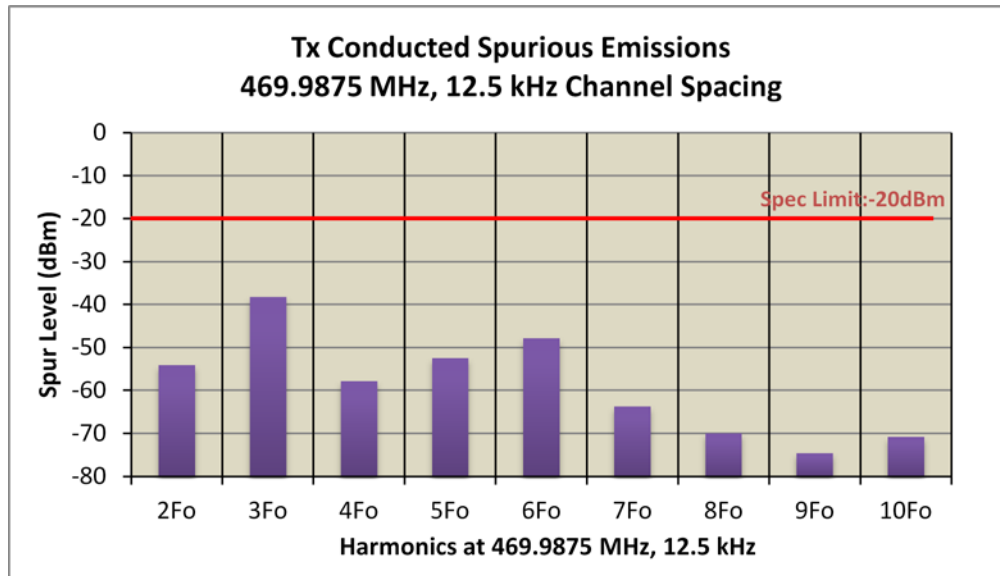


Figure 6F-5: 30W Harmonic of Carrier 469.9875 MHz, 12.5 kHz Channel Spacing

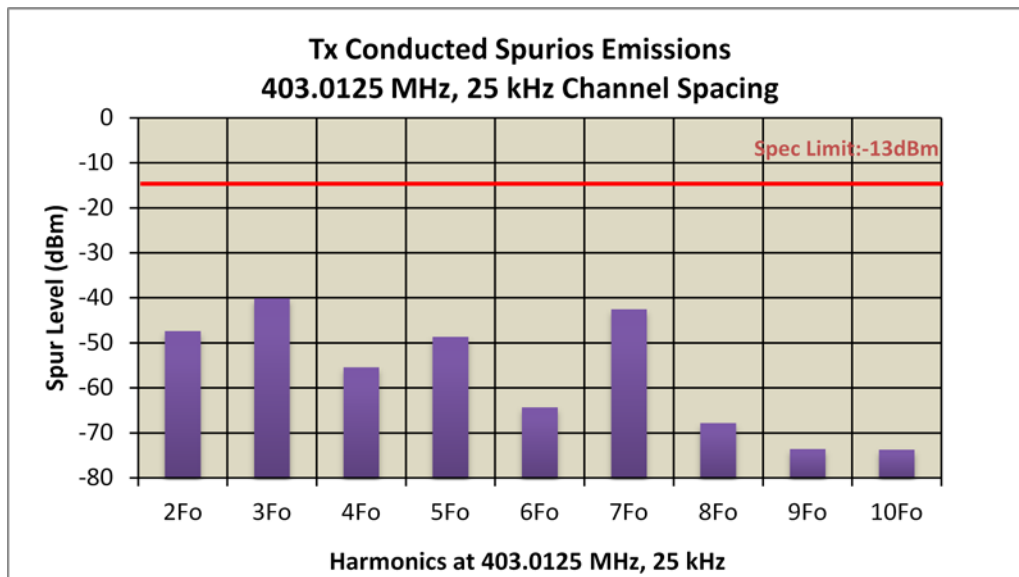


Figure 6F-6: 30W Harmonic of Carrier 403.0125 MHz, 25 kHz Channel Spacing
(Not for FCC Review)

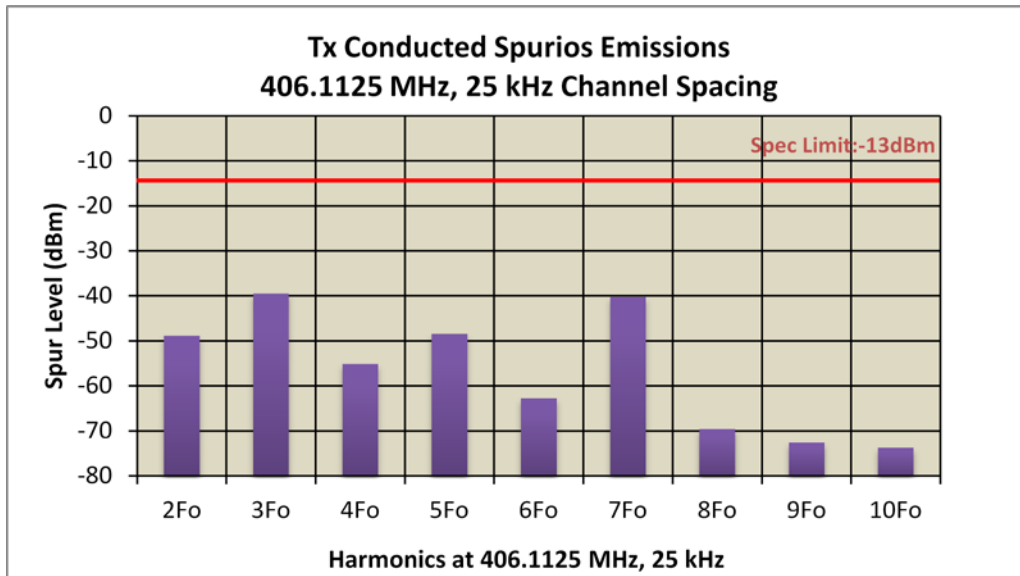


Figure 6F-7: 30W Harmonic of Carrier 406.1125 MHz, 25 kHz Channel Spacing
(Not for FCC Review)

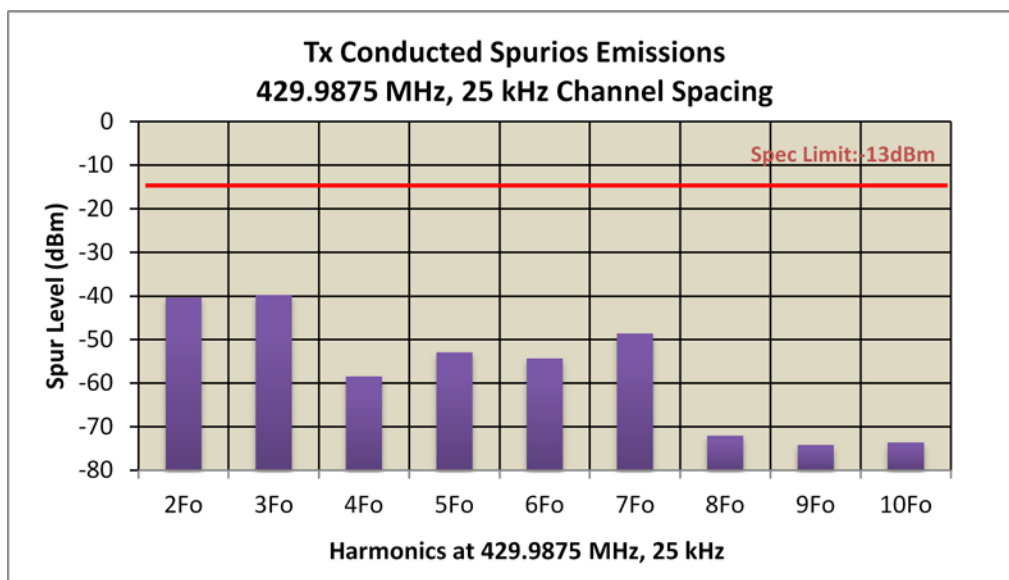


Figure 6F-8: 30W Harmonic of Carrier 429.9875 MHz, 25 kHz Channel Spacing
(Not for FCC Review)

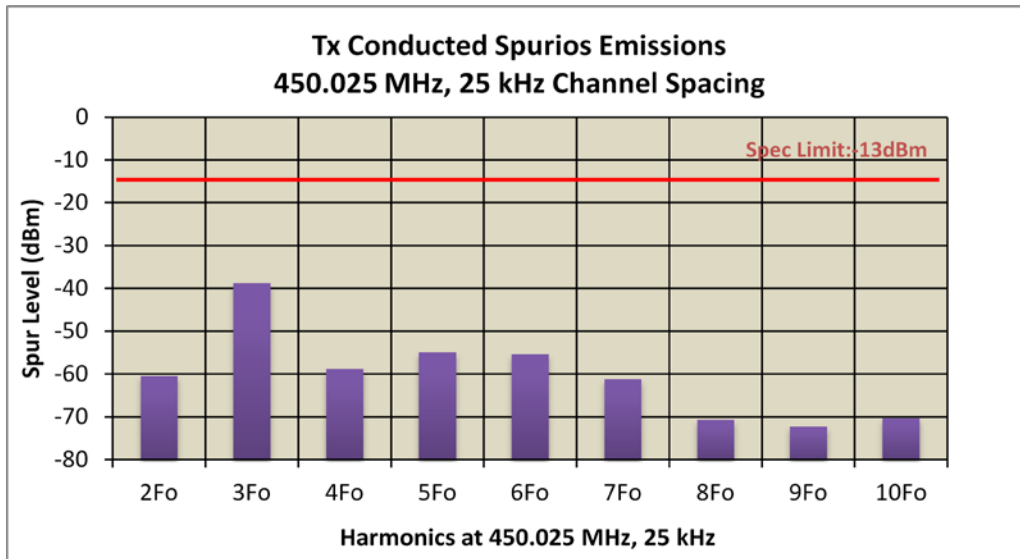


Figure 6F-9: 30W Harmonic of Carrier 450.025 MHz, 25 kHz Channel Spacing
(Part 74)

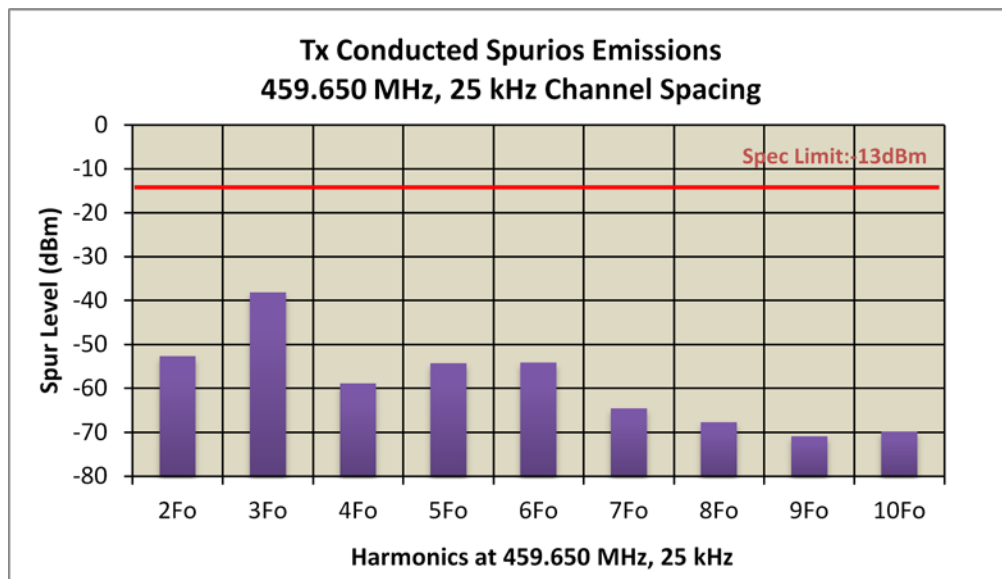


Figure 6F-10: 30W Harmonic of Carrier 459.65 MHz, 25 kHz Channel Spacing
(Part 22)

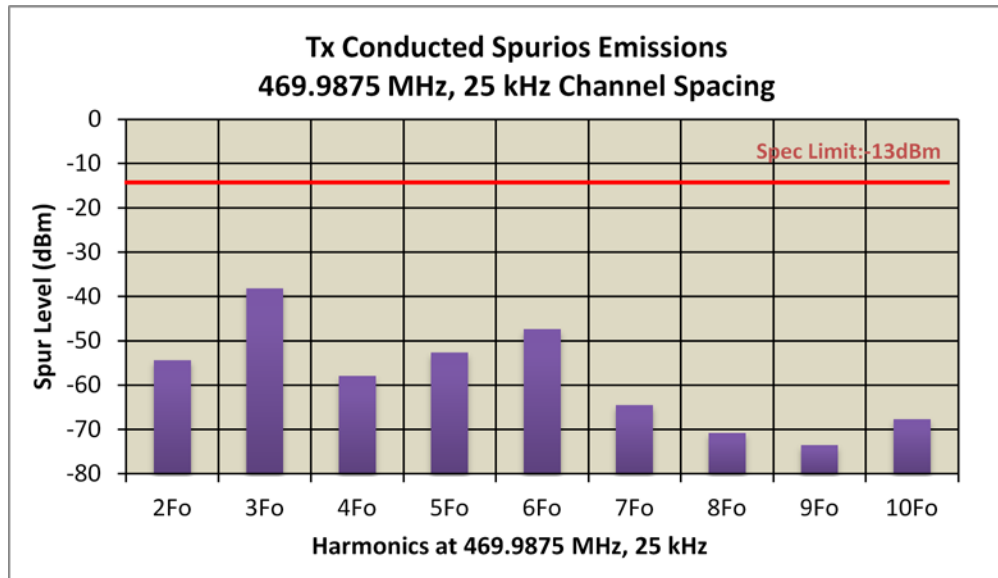


Figure 6F-11: 30W Harmonic of Carrier 469.9875 MHz, 25 kHz Channel Spacing
(Not for FCC Review)

EXHIBIT 6G

Transmitter Radiated Spurious Emissions
Motorola Solutions

FCC ID:ABZ99FT4092 / IC ID:109AB-99FT4092

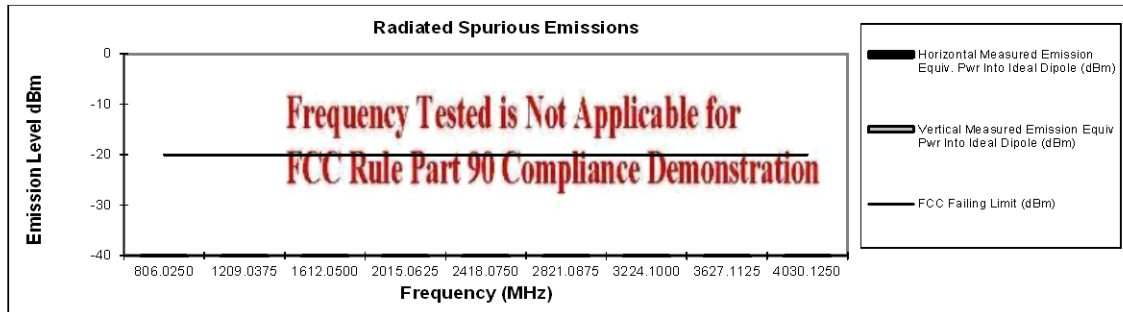
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 30 Watts

403.0125 MHz

Channel Spacing 12.5kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
806.0250	-20	*	*
1209.0375	-20	*	*
1612.0500	-20	*	*
2015.0625	-20	*	*
2418.0750	-20	*	*
2821.0875	-20	*	*
3224.1000	-20	*	*
3627.1125	-20	*	*
4030.1250	-20	*	*



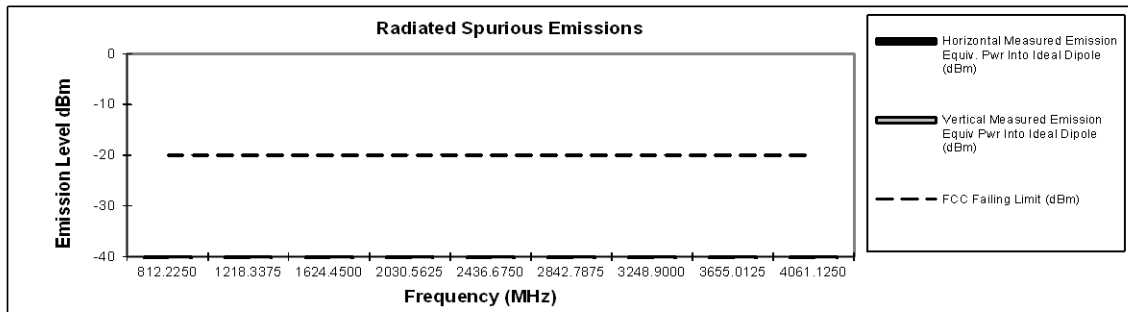
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 30 Watts

406.1125 MHz

Channel Spacing 12.5kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
812.2250	-20	*	*
1218.3375	-20	*	*
1624.4500	-20	*	*
2030.5625	-20	*	*
2436.6750	-20	*	*
2842.7875	-20	*	*
3248.9000	-20	*	*
3655.0125	-20	*	*
4061.1250	-20	*	*



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

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

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: Alberto Cordero

April 19, 2013

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-1, 2: 30 Watts, 403.0125 MHz & 406.1125 MHz, 12.5 kHz Channel Spacing

Motorola Solutions

FCC ID:ABZ99FT4092 / IC ID:109AB-99FT4092

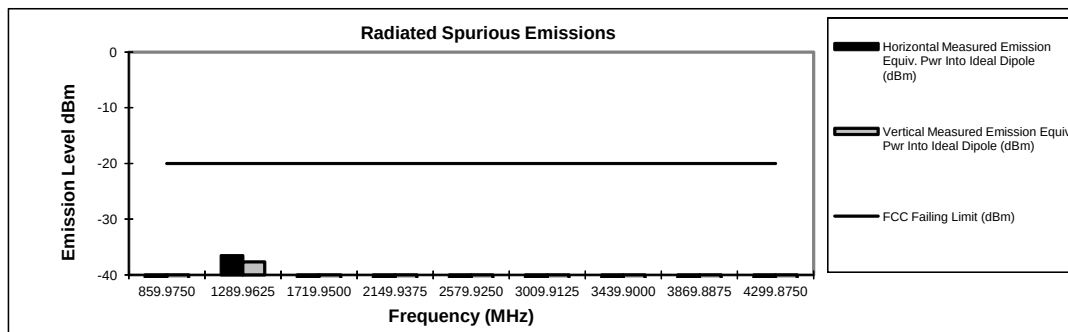
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 30 Watts

429.9875 MHz

Channel Spacing 12.5kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
859.9750	-20	*	*
1289.9625	-20	-36.54	-37.67
1719.9500	-20	*	*
2149.9375	-20	*	*
2579.9250	-20	*	*
3009.9125	-20	*	*
3439.9000	-20	*	*
3869.8875	-20	*	*
4299.8750	-20	*	*



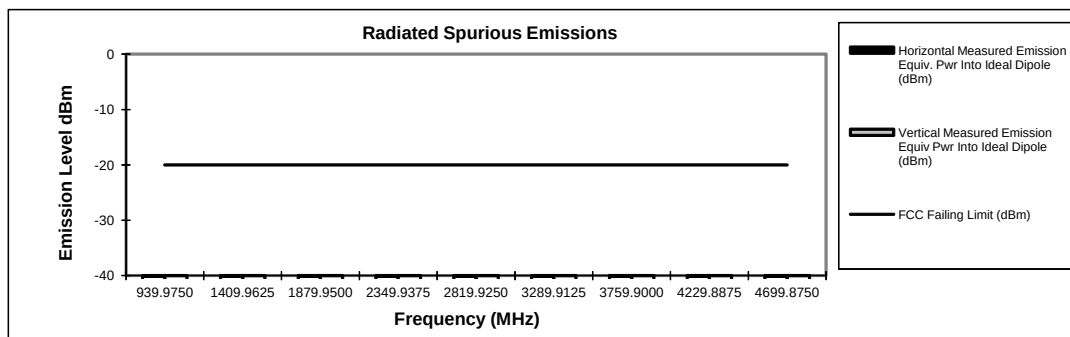
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 30 Watts

469.9875 MHz

Channel Spacing 12.5kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
939.9750	-20	*	*
1409.9625	-20	*	*
1879.9500	-20	*	*
2349.9375	-20	*	*
2819.9250	-20	*	*
3289.9125	-20	*	*
3759.9000	-20	*	*
4229.8875	-20	*	*
4699.8750	-20	*	*



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

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

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: Alberto Cordero

April 19, 2013

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-3, 4: 30 Watts, 429.9875 MHz & 469.9875 MHz, 12.5 kHz Channel Spacing

Motorola Solutions

FCC ID:ABZ99FT4092 / IC ID:109AB-99FT4092

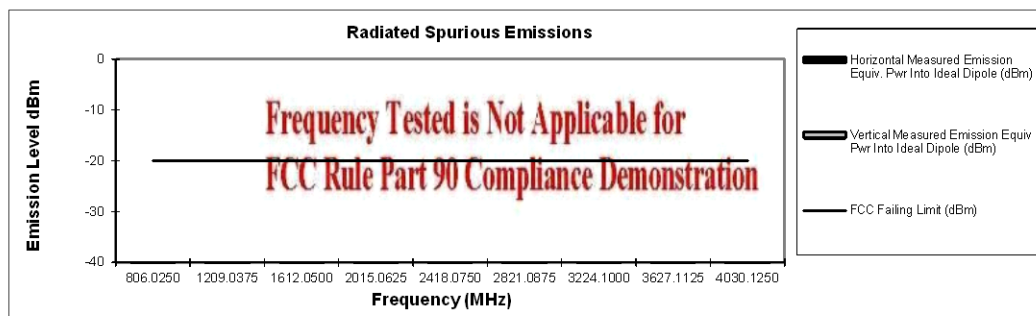
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 1 Watts

403.0125 MHz

Channel Spacing 12.5kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
806.0250	-20	*	*
1209.0375	-20	*	*
1612.0500	-20	*	*
2015.0625	-20	*	*
2418.0750	-20	*	*
2821.0875	-20	*	*
3224.1000	-20	*	*
3627.1125	-20	*	*
4030.1250	-20	*	*



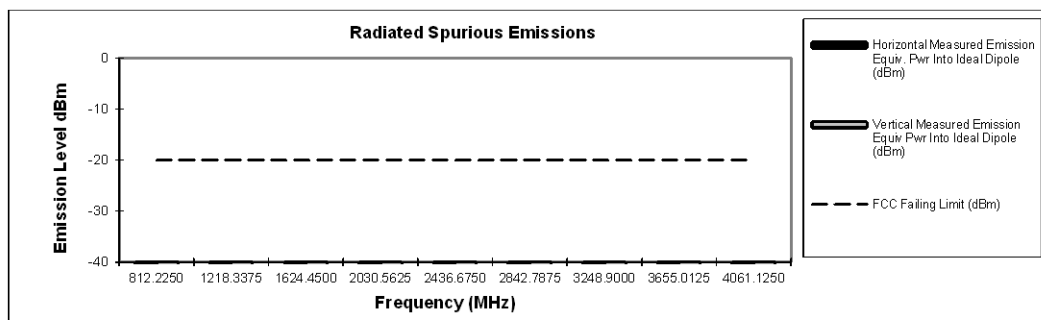
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 1 Watts

406.1125 MHz

Channel Spacing 12.5kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
812.2250	-20	*	*
1218.3375	-20	*	*
1624.4500	-20	*	*
2030.5625	-20	*	*
2436.6750	-20	*	*
2842.7875	-20	*	*
3248.9000	-20	*	*
3655.0125	-20	*	*
4061.1250	-20	*	*



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

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

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: Alberto Cordero

April 19, 2013

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-5, 6: 1 Watts, 403.0125 MHz & 406.1125 MHz, 12.5 kHz Channel Spacing

Motorola Solutions

FCC ID:ABZ99FT4092 / IC ID:109AB-99FT4092

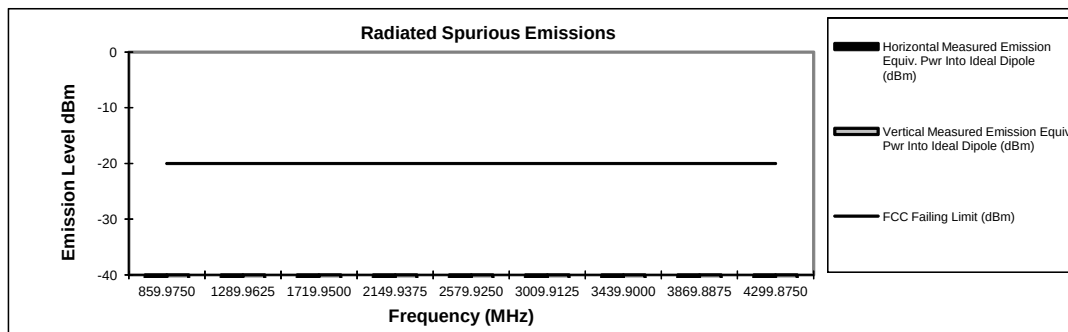
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 1 Watts

429.9875 MHz

Channel Spacing 12.5kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
859.9750	-20	*	*
1289.9625	-20	*	*
1719.9500	-20	*	*
2149.9375	-20	*	*
2579.9250	-20	*	*
3009.9125	-20	*	*
3439.9000	-20	*	*
3869.8875	-20	*	*
4299.8750	-20	*	*



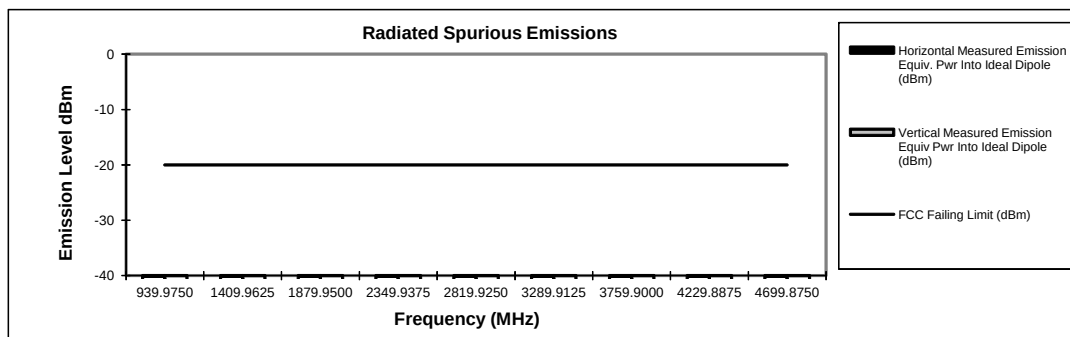
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 1 Watts

469.9875 MHz

Channel Spacing 12.5kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
939.9750	-20	*	*
1409.9625	-20	*	*
1879.9500	-20	*	*
2349.9375	-20	*	*
2819.9250	-20	*	*
3289.9125	-20	*	*
3759.9000	-20	*	*
4229.8875	-20	*	*
4699.8750	-20	*	*



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

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

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: Alberto Cordero

April 19, 2013

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-7, 8: 1 Watts, 429.9875 MHz & 469.9875 MHz, 12.5 kHz Channel Spacing

Motorola Solutions

FCC ID:ABZ99FT4092 / IC ID:109AB-99FT4092

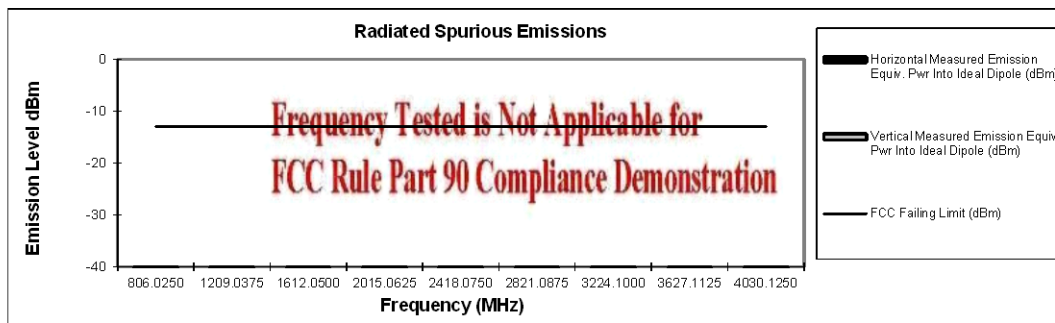
Transmit Radiated Spurious Emissions: PMJE4168A

Tx Power: 30 Watts

403.0125 MHz

Channel Spacing 25kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
806.0250	-13	*	*
1209.0375	-13	*	*
1612.0500	-13	*	*
2015.0625	-13	*	*
2418.0750	-13	*	*
2821.0875	-13	*	*
3224.1000	-13	*	*
3627.1125	-13	*	*
4030.1250	-13	*	*



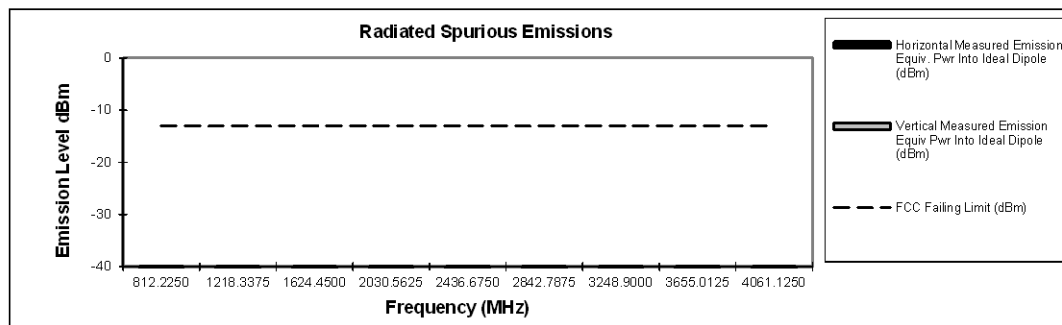
Transmit Radiated Spurious Emissions: PMJE4168A

Tx Power: 30 Watts

406.1125 MHz

Channel Spacing 25kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
812.2250	-13	*	*
1218.3375	-13	*	*
1624.4500	-13	*	*
2030.5625	-13	*	*
2436.6750	-13	*	*
2842.7875	-13	*	*
3248.9000	-13	*	*
3655.0125	-13	*	*
4061.1250	-13	*	*



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

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

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: Alberto Cordero

April 21, 2013

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-9, 10: 30 Watts, 403.0125 MHz & 406.1125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

Motorola Solutions

FCC ID:ABZ99FT4092 / IC ID:109AB-99FT4092

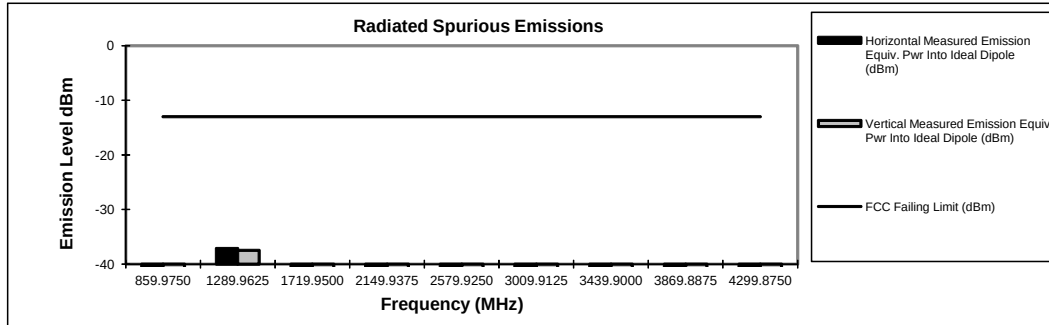
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 30 Watts

429.9875 MHz

Channel Spacing 25kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
859.9750	-13	*	*
1289.9625	-13	-37.13	-37.48
1719.9500	-13	*	*
2149.9375	-13	*	*
2579.9250	-13	*	*
3009.9125	-13	*	*
3439.9000	-13	*	*
3869.8875	-13	*	*
4299.8750	-13	*	*



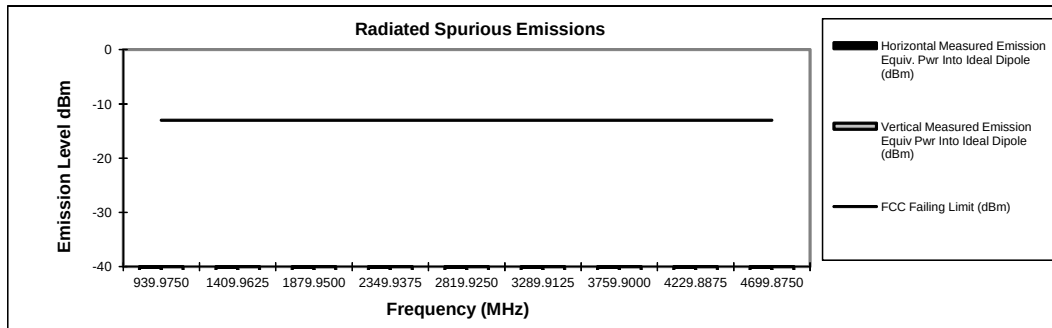
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 30 Watts

469.9875 MHz

Channel Spacing 25kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
939.9750	-13	*	*
1409.9625	-13	*	*
1879.9500	-13	*	*
2349.9375	-13	*	*
2819.9250	-13	*	*
3289.9125	-13	*	*
3759.9000	-13	*	*
4229.8875	-13	*	*
4699.8750	-13	*	*



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

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

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: Alberto Cordero

April 21, 2013

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-11, 12: 30 Watts, 429.9875 MHz & 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

Motorola Solutions

FCC ID:ABZ99FT4092 / IC ID:109AB-99FT4092

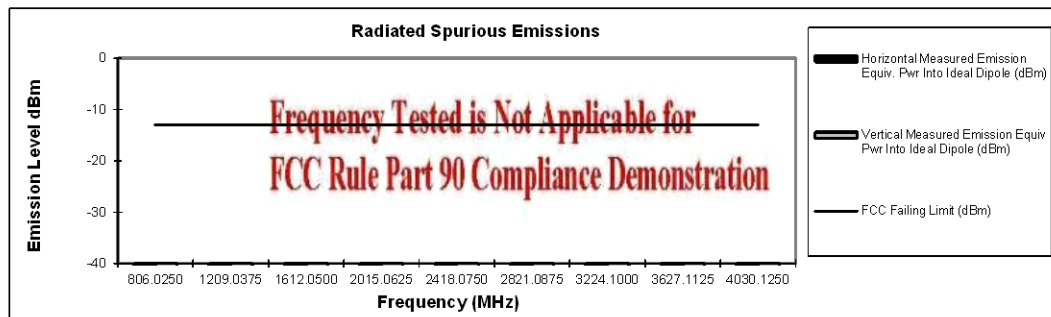
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 1 Watts

403.0125 MHz

Channel Spacing 25kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
806.0250	-13	*	*
1209.0375	-13	*	*
1612.0500	-13	*	*
2015.0625	-13	*	*
2418.0750	-13	*	*
2821.0875	-13	*	*
3224.1000	-13	*	*
3627.1125	-13	*	*
4030.1250	-13	*	*



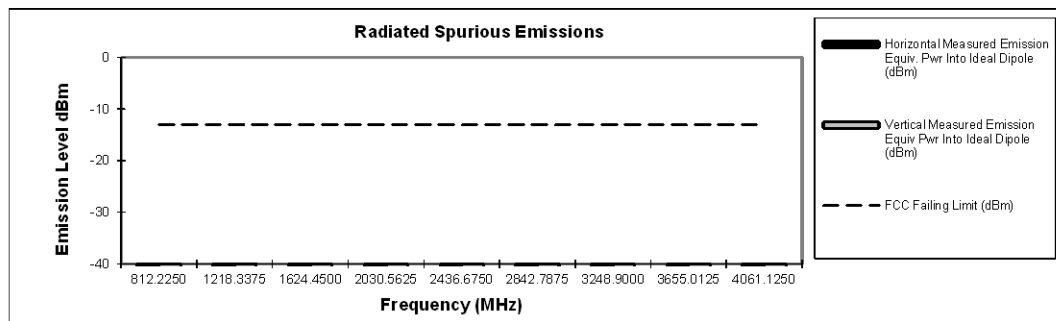
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 1 Watts

406.1125 MHz

Channel Spacing 25kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
812.2250	-13	*	*
1218.3375	-13	*	*
1624.4500	-13	*	*
2030.5625	-13	*	*
2436.6750	-13	*	*
2842.7875	-13	*	*
3248.9000	-13	*	*
3655.0125	-13	*	*
4061.1250	-13	*	*



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

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

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: Alberto Cordero

April 21, 2013

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-13, 14: 1 Watts, 403.0125 MHz & 406.1125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

Motorola Solutions

FCC ID:ABZ99FT4092 / IC ID:109AB-99FT4092

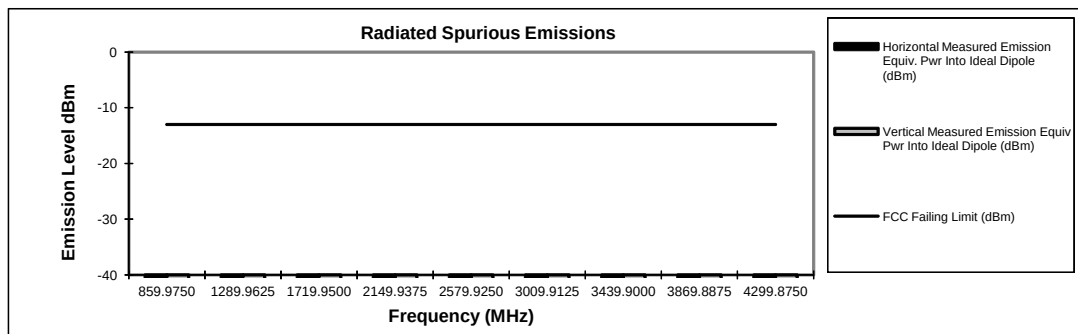
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 1 Watts

429.9875 MHz

Channel Spacing 25kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
859.9750	-13	*	*
1289.9625	-13	*	*
1719.9500	-13	*	*
2149.9375	-13	*	*
2579.9250	-13	*	*
3009.9125	-13	*	*
3439.9000	-13	*	*
3869.8875	-13	*	*
4299.8750	-13	*	*



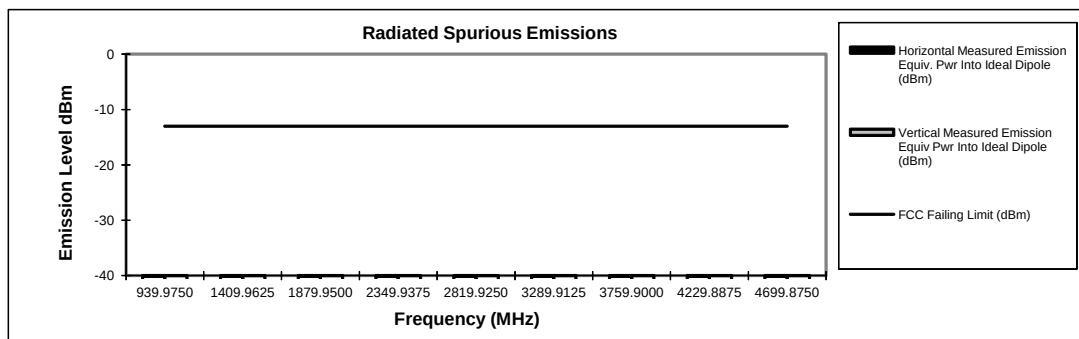
Transmit Radiated Spurious Emissions: PMUE4168A

Tx Power: 1 Watts

469.9875 MHz

Channel Spacing 25kHz | S/N 776TPF0355

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
939.9750	-13	*	*
1409.9625	-13	*	*
1879.9500	-13	*	*
2349.9375	-13	*	*
2819.9250	-13	*	*
3289.9125	-13	*	*
3759.9000	-13	*	*
4229.8875	-13	*	*
4699.8750	-13	*	*



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

Pursuant to CFR 47 Part 2.1057(c), emissions attenuated more than 20 dB below the permissible limit are not reported.

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: Alberto Cordero

April 21, 2013

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-15, 16: 1 Watts, 429.9875 MHz & 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

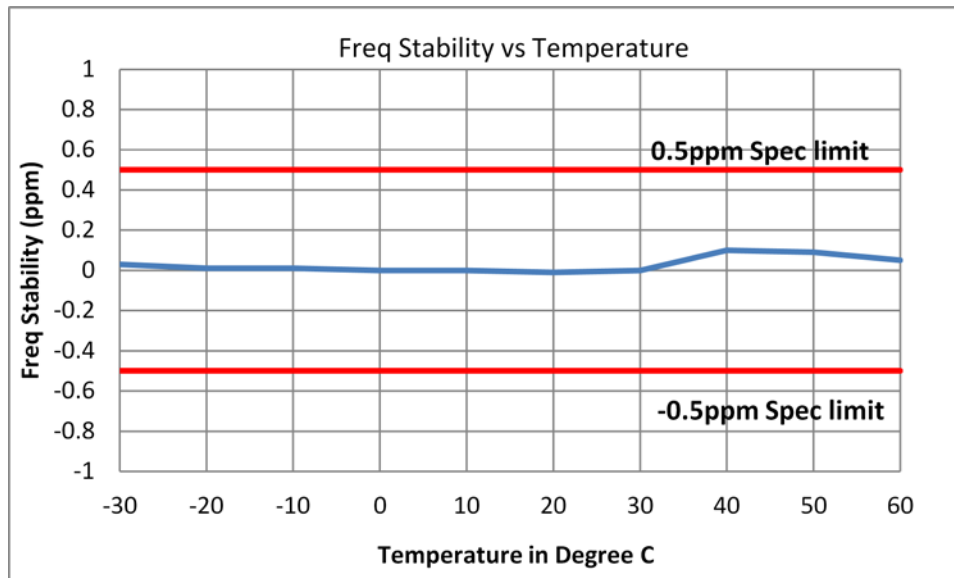
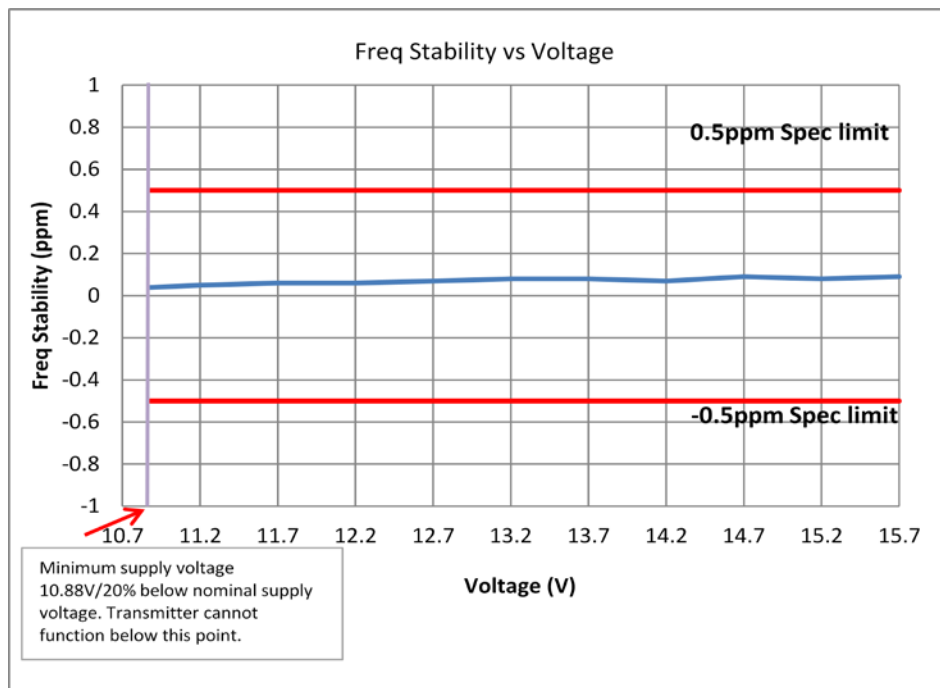
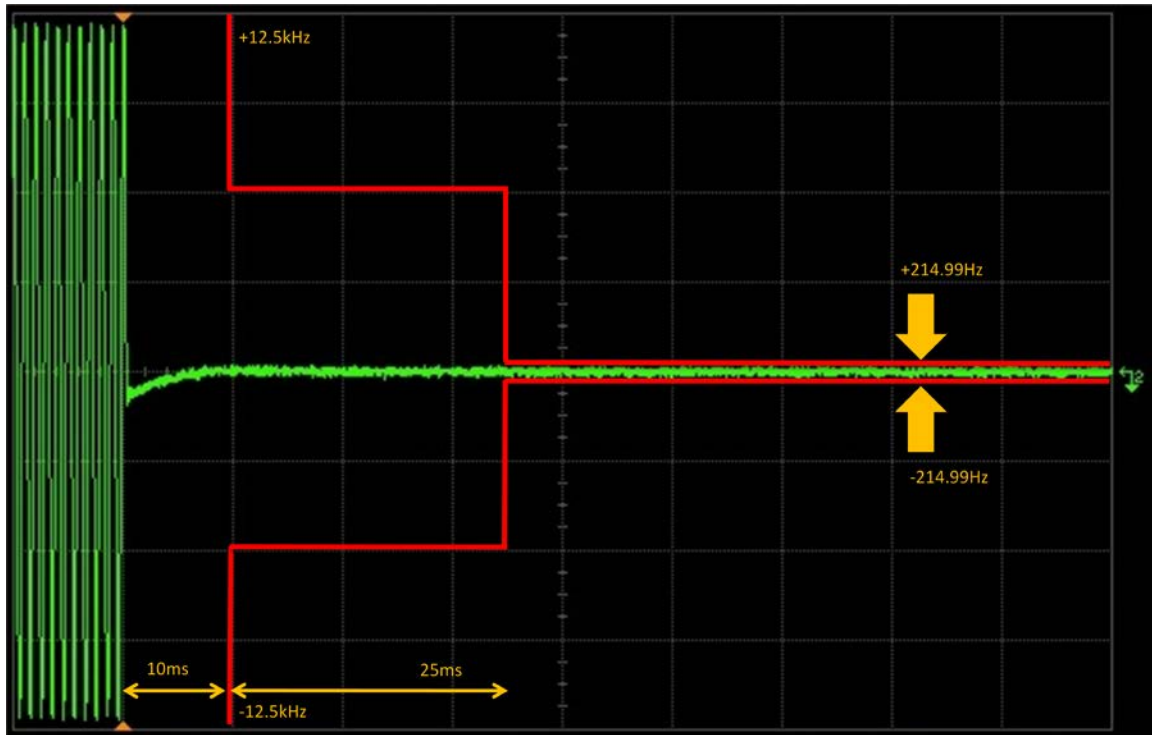
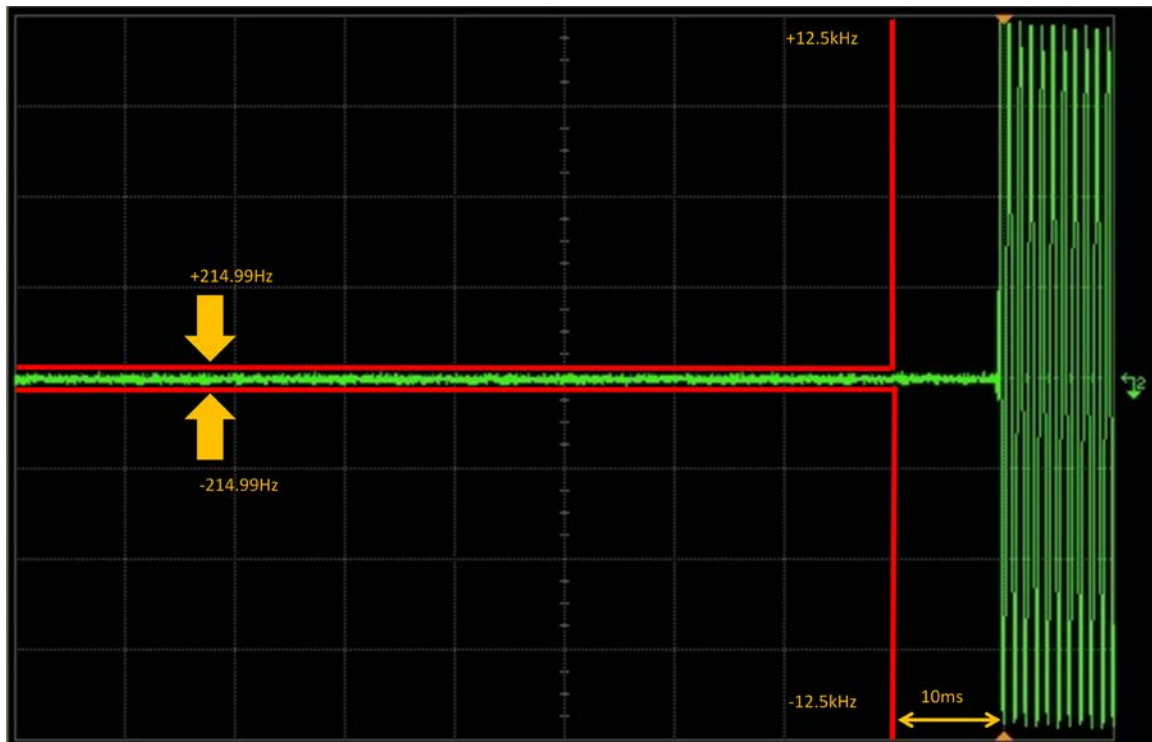
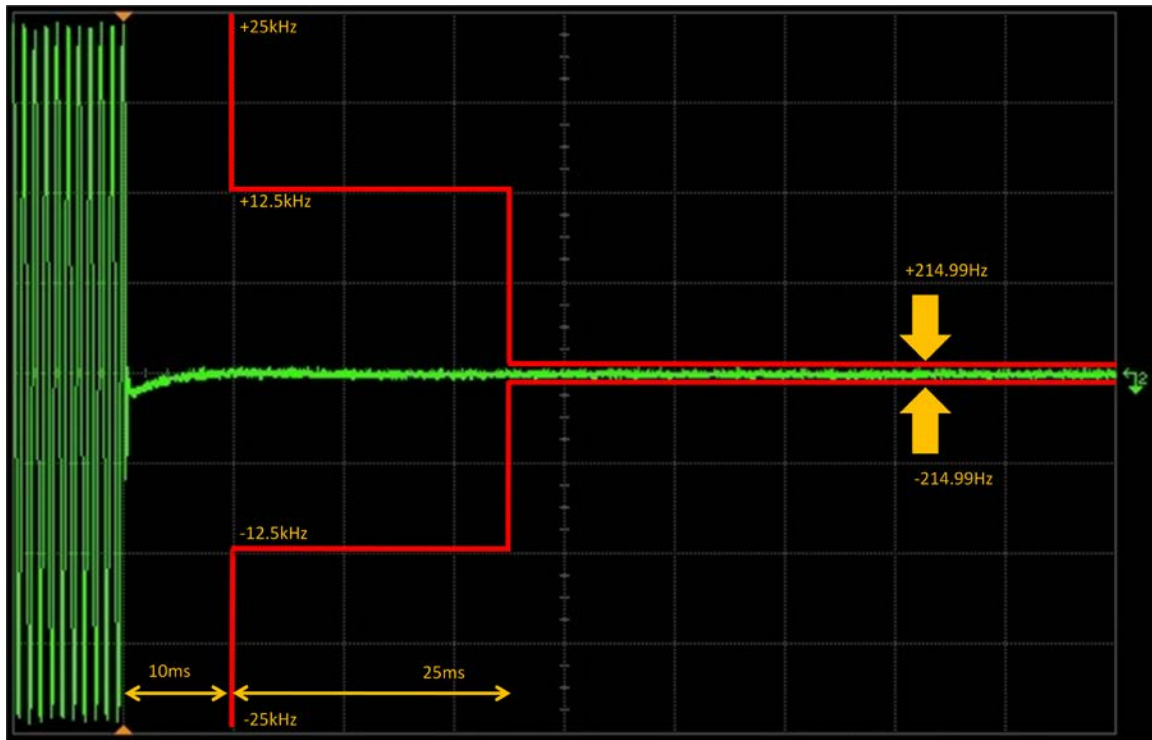
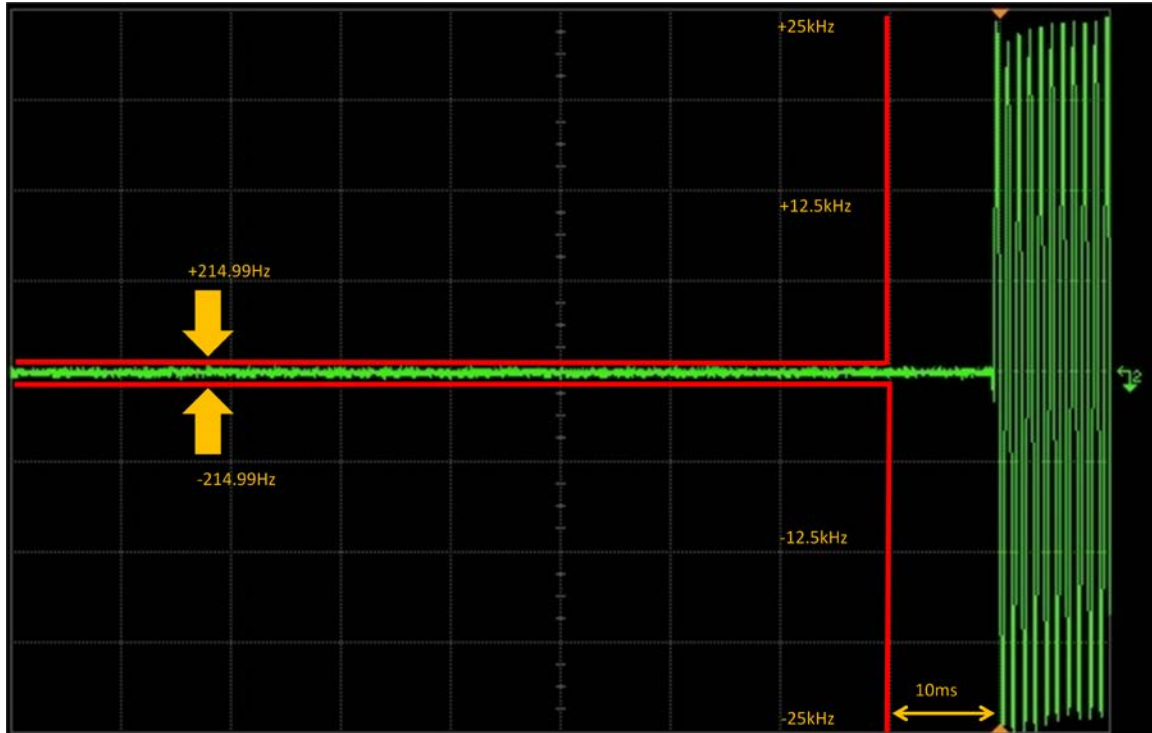
EXHIBIT 6H – Frequency Stability**6H-1 – Frequency Stability vs. Temperature****6H-2 – Frequency Stability vs. Supply Voltage**

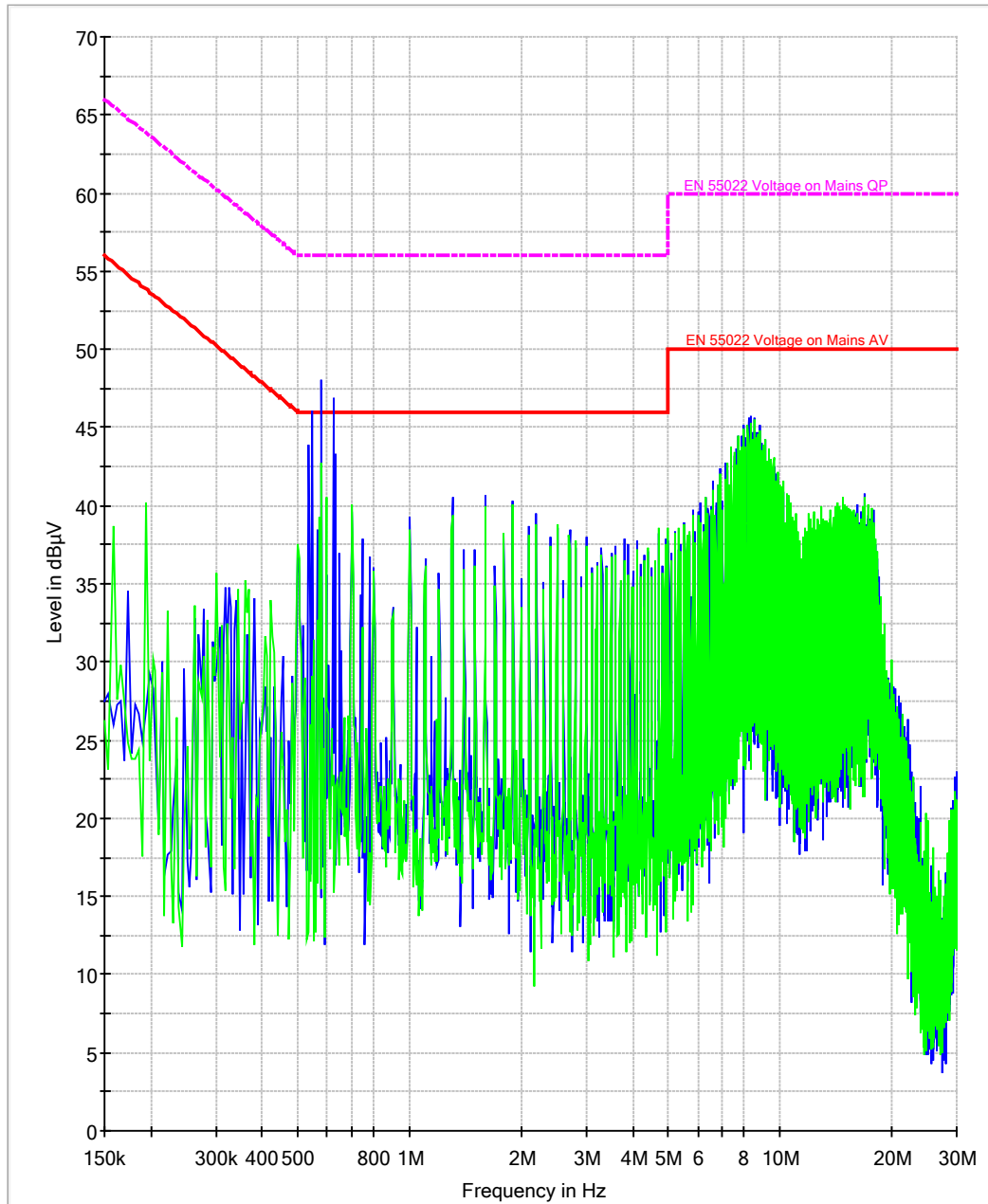
EXHIBIT 6I – Transient Frequency Behavior**6I-1** – 429.9875 MHz, 12.5 kHz Channel Spacing Key-Up Attack Time**6I-2** – 429.9875 MHz, 12.5 kHz Channel Spacing De-Key Decay Time



6I-3 – 429.9875 MHz, 25 kHz Key-Up Attack Time



6I-4 – 429.9875 MHz, 25 kHz De-Key Decay Time

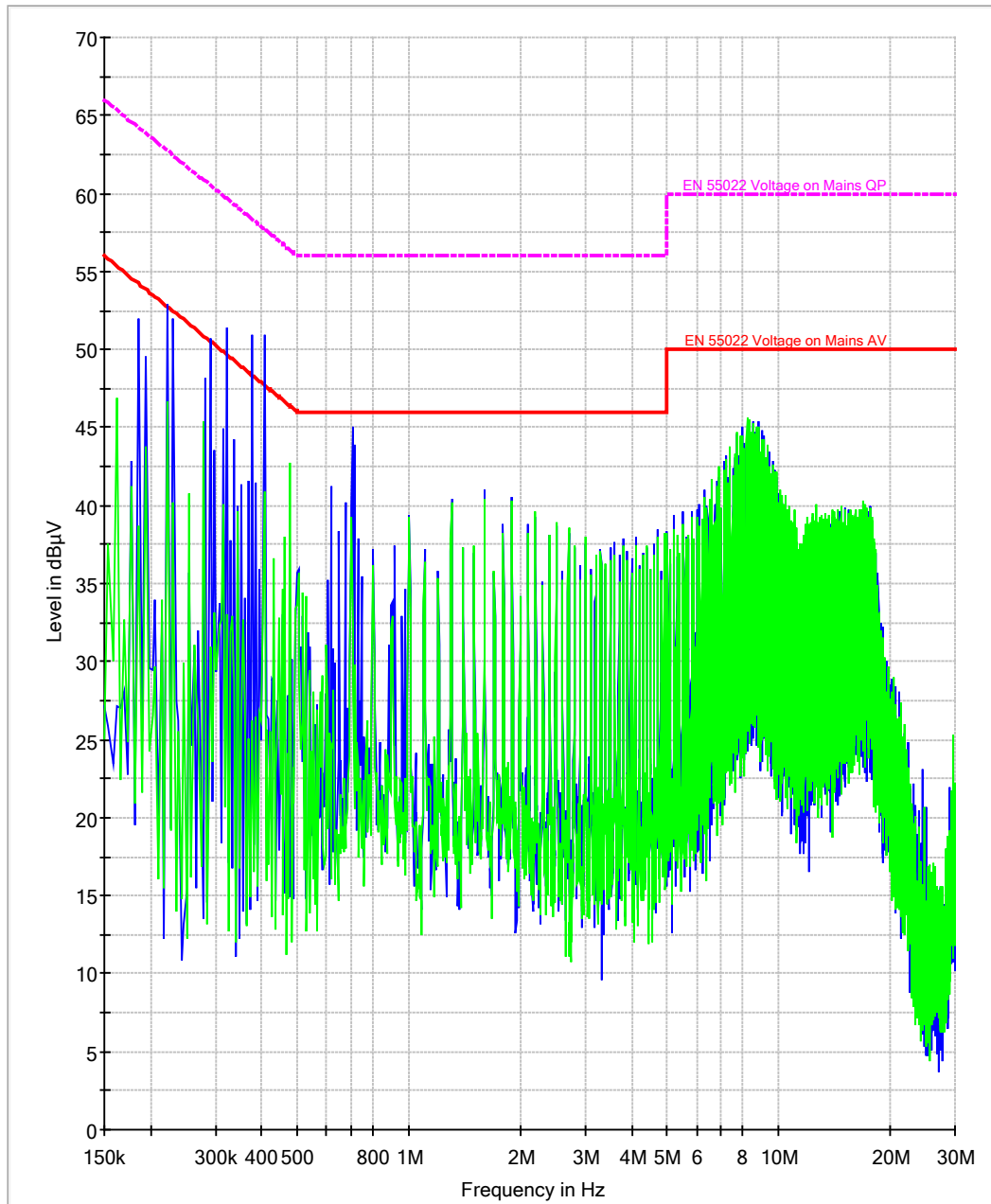
EXHIBIT 6L – Transmit Power Line Conducted Spurious Emissions**6L-1 – EMI Conducted Scan Tx at 403.0125 MHz**

Result Table_Single TX – 403.0125 MHz

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Bandwidth (Hz)	PE	Line
0.534000	35.7	8.1	9000.000	FLO	L1
0.546000	35.4	6.8	9000.000	FLO	L1
0.578000	33.2	7.1	9000.000	FLO	L1
0.622000	32.5	6.2	9000.000	FLO	L1
8.206000	30.6	17.6	9000.000	FLO	L1
8.310000	31.1	19.2	9000.000	FLO	L1
0.534000	32.8	7.9	9000.000	FLO	N
0.546000	32.8	7.0	9000.000	FLO	N
0.578000	30.9	12.0	9000.000	FLO	N
0.622000	28.3	6.6	9000.000	FLO	N
8.206000	31.0	17.7	9000.000	FLO	N
8.310000	31.0	18.8	9000.000	FLO	N

Limits TX – 403.0125 MHz

Frequency							
500 kHz – 5 MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
534000	35.70	56.00	20.30	8.10	46.00	37.90	L1
546000	35.40	56.00	20.60	6.80	46.00	39.20	L1
578000	33.20	56.00	22.80	7.10	46.00	38.90	L1
622000	32.50	56.00	23.50	6.20	46.00	39.80	L1
534000	32.80	56.00	23.20	7.90	46.00	38.10	N
546000	32.80	56.00	23.20	7.00	46.00	39.00	N
578000	30.90	56.00	25.10	12.00	46.00	34.00	N
622000	28.30	56.00	27.70	6.60	46.00	39.40	N
5 MHz – 30 MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
8206000	30.6000	60.0000	29.4000	17.6000	50.0000	32.4000	L1
8310000	31.1000	60.0000	28.9000	19.2000	50.0000	30.8000	L1
8206000	31.0000	60.0000	29.0000	17.7000	50.0000	32.3000	N
8310000	31.0000	60.0000	29.0000	18.8000	50.0000	31.2000	N



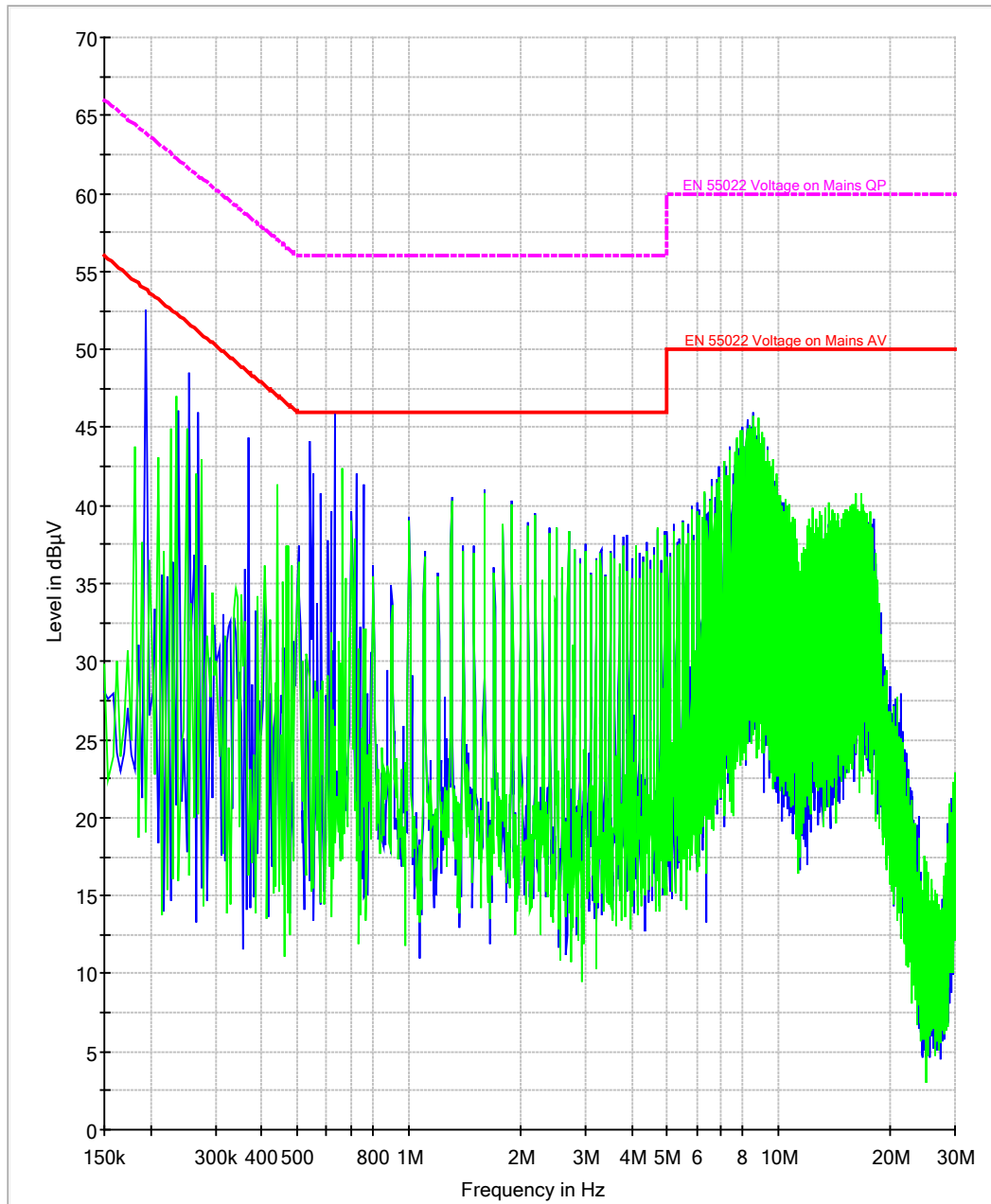
6L-2 – EMI Conducted Scan Tx at 406.1125 MHz

Result Table_Single TX – 406.1125 MHz

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Bandwidth (Hz)	PE	Line
0.223500	46.7	20.2	9000.000	FLO	L1
0.230000	45.0	13.5	9000.000	FLO	L1
0.290000	44.7	21.0	9000.000	FLO	L1
0.322000	44.6	7.5	9000.000	FLO	L1
0.378000	41.1	11.3	9000.000	FLO	L1
0.406000	41.0	25.6	9000.000	FLO	L1
0.223500	38.5	12.2	9000.000	FLO	N
0.230000	39.6	11.9	9000.000	FLO	N
0.290000	40.5	15.1	9000.000	FLO	N
0.322000	40.9	8.0	9000.000	FLO	N
0.378000	36.5	13.1	9000.000	FLO	N
0.406000	38.0	22.5	9000.000	FLO	N

Limits TX – 406.1125 MHz

Frequency							
<= 500 kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
223500	46.70	63.89	17.19	20.20	53.89	33.69	L1
230000	45.00	63.70	18.70	13.50	53.70	40.20	L1
290000	44.70	61.98	17.28	21.00	51.98	30.98	L1
322000	44.60	61.06	16.46	7.50	51.06	43.56	L1
378000	41.10	59.45	18.35	11.30	49.45	38.15	L1
406000	41.00	58.64	17.64	25.60	48.64	23.04	L1
223500	38.50	63.89	25.39	12.20	53.89	41.69	N
230000	39.60	63.70	24.10	11.90	53.70	41.80	N
290000	40.50	61.98	21.48	15.10	51.98	36.88	N
322000	40.90	61.06	20.16	8.00	51.06	43.06	N
378000	36.50	59.45	22.95	13.10	49.45	36.35	N
406000	38.00	58.64	20.64	22.50	48.64	26.14	N



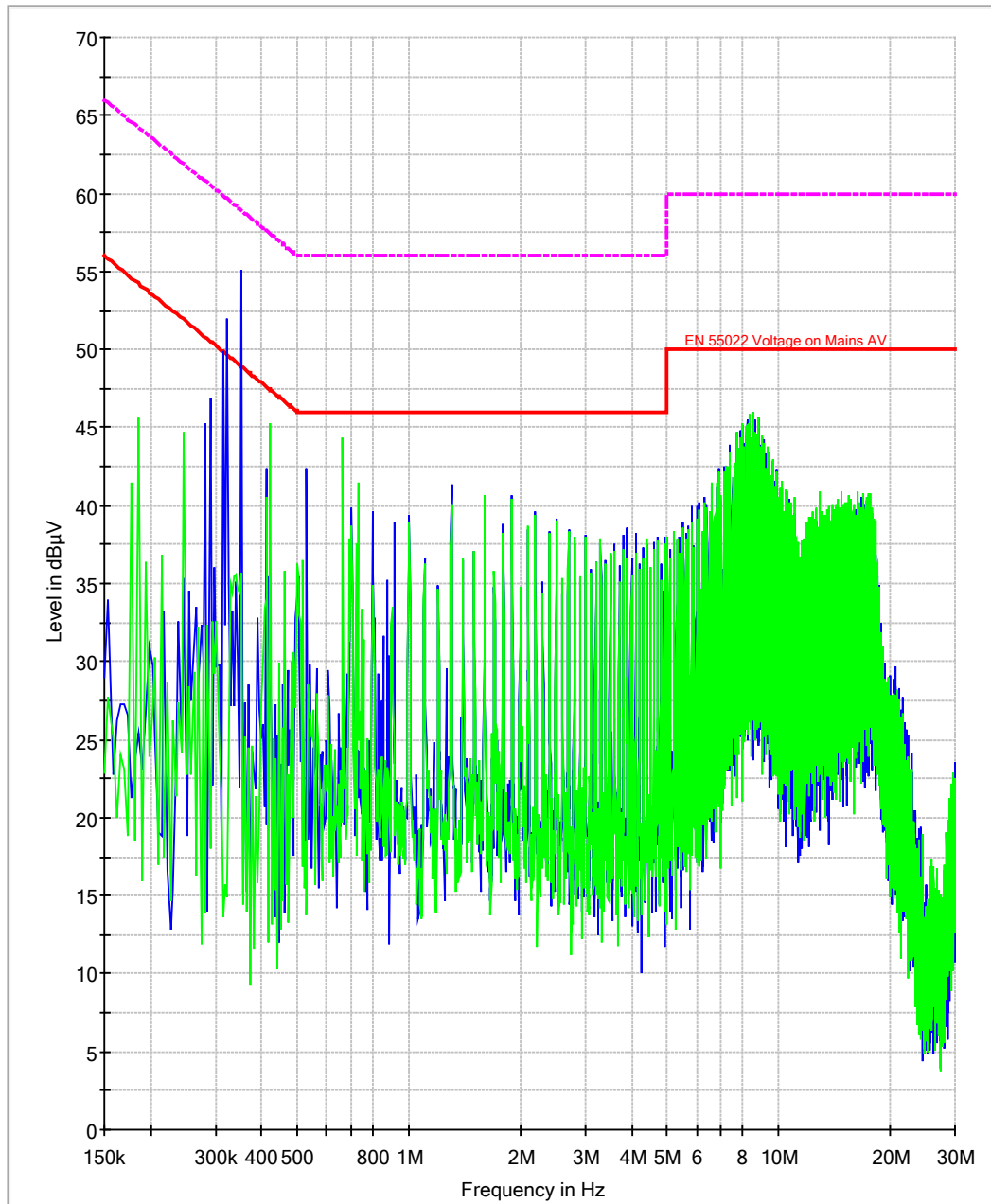
6L-3 – EMI Conducted Scan Tx at 429.9875 MHz

Result Table_Single TX – 429.9875 MHz

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Bandwidth (Hz)	PE	Line
0.194000	46.7	25.3	9000.000	FLO	L1
0.234000	45.9	14.5	9000.000	FLO	L1
0.254000	44.6	14.5	9000.000	FLO	L1
0.270000	51.8	16.8	9000.000	FLO	L1
0.542000	35.4	7.1	9000.000	FLO	L1
0.630000	32.1	9.1	9000.000	FLO	L1
0.194000	48.2	16.5	9000.000	FLO	N
0.234000	39.8	11.6	9000.000	FLO	N
0.254000	39.0	12.5	9000.000	FLO	N
0.270000	41.0	12.3	9000.000	FLO	N
0.542000	32.8	8.3	9000.000	FLO	N
0.630000	26.5	5.5	9000.000	FLO	N

Limits TX – 429.9875 MHz

Frequency							
<= 500 kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
194000	46.70	64.74	18.04	25.30	54.74	29.44	L1
234000	45.90	63.59	17.69	14.50	53.59	39.09	L1
254000	44.60	63.01	18.41	14.50	53.01	38.51	L1
270000	51.80	62.55	10.75	16.80	52.55	35.75	L1
194000	48.20	64.74	16.54	16.50	54.74	38.24	N
234000	39.80	63.59	23.79	11.60	53.59	41.99	N
254000	39.00	63.01	24.01	12.50	53.01	40.51	N
270000	41.00	62.55	21.55	12.30	52.55	40.25	N
500 kHz – 5 MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
542000	35.40	56.00	20.60	7.10	46.00	38.90	L1
630000	32.10	56.00	23.90	9.10	46.00	36.90	L1
542000	32.80	56.00	23.20	8.30	46.00	37.70	N
630000	26.50	56.00	29.50	5.50	46.00	40.50	N



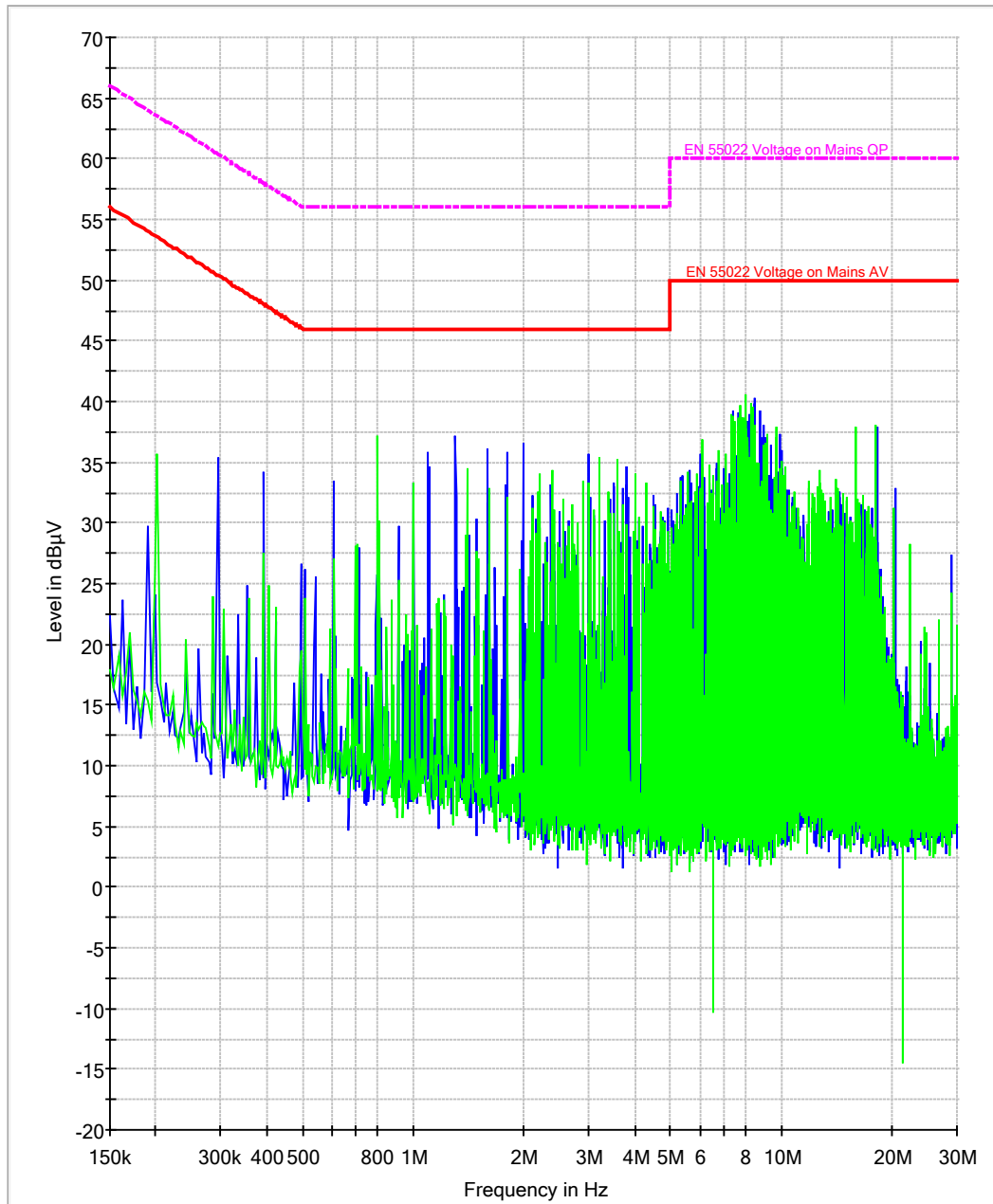
6L-4 – EMI Conducted Scan Tx at 469.9875 MHz

Result Table_Single TX – 469.9875 MHz

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Bandwidth (Hz)	PE	Line
0.290000	44.7	17.5	9000.000	FLO	L1
0.314500	44.9	16.1	9000.000	FLO	L1
0.354000	42.7	18.2	9000.000	FLO	L1
0.422000	37.9	11.2	9000.000	FLO	L1
0.530000	36.0	7.7	9000.000	FLO	L1
0.662000	29.8	7.1	9000.000	FLO	L1
0.290000	41.1	14.3	9000.000	FLO	N
0.314500	40.2	13.3	9000.000	FLO	N
0.354000	40.5	12.3	9000.000	FLO	N
0.422000	35.8	11.4	9000.000	FLO	N
0.530000	33.5	8.2	9000.000	FLO	N
0.662000	24.7	5.7	9000.000	FLO	N

Limits TX – 469.9875 MHz

Frequency							
<= 500kHz	QP value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
290000	44.70	61.98	17.28	17.50	51.98	34.48	L1
314500	44.90	61.27	16.37	16.10	51.27	35.17	L1
354000	42.70	60.14	17.44	18.20	50.14	31.94	L1
422000	37.90	58.18	20.28	11.20	48.18	36.98	L1
290000	41.10	61.98	20.88	14.30	51.98	37.68	N
314500	40.20	61.27	21.07	13.30	51.27	37.97	N
354000	40.50	60.14	19.64	12.30	50.14	37.84	N
422000	35.80	58.18	22.38	11.40	48.18	36.78	N
500 kHz – 5 MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
530000	36.00	56.00	20.00	7.70	46.00	38.30	L1
662000	29.80	56.00	26.20	7.10	46.00	38.90	L1
530000	33.50	56.00	22.50	8.20	46.00	37.80	N
662000	24.70	56.00	31.30	5.70	46.00	40.30	N

**6L-5** – EMI Conducted Scan Radio Off

Result Table_Single Radio Off

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Bandwidth (Hz)	PE	Line
0.802000	28.7	8.4	9000.000	FLO	L1
1.098000	26.0	6.7	9000.000	FLO	L1
1.302000	30.7	10.5	9000.000	FLO	L1
1.598000	33.0	8.9	9000.000	FLO	L1
1.798000	33.4	5.3	9000.000	FLO	L1
1.986000	22.8	5.4	9000.000	FLO	L1
0.802000	27.7	7.7	9000.000	FLO	N
1.098000	27.6	7.6	9000.000	FLO	N
1.302000	32.9	11.0	9000.000	FLO	N
1.598000	32.5	8.2	9000.000	FLO	N
1.798000	31.6	6.3	9000.000	FLO	N
1.986000	13.0	1.8	9000.000	FLO	N

Limits Radio Off

Frequency							
500 kHz – 5 MHz	QP Value	QP Limit	QP Margin	Avr Value	Avr Limit	Avr Margin	Ph
802000	28.70	56.00	27.30	8.40	46.00	37.60	L1
1098000	26.00	56.00	30.00	6.70	46.00	39.30	L1
1302000	30.70	56.00	25.30	10.50	46.00	35.50	L1
1598000	33.00	56.00	23.00	8.90	46.00	37.10	L1
1798000	33.40	56.00	22.60	5.30	46.00	40.70	L1
1986000	22.80	56.00	33.20	5.40	46.00	40.60	L1
802000	27.70	56.00	28.80	7.70	46.00	38.30	N
1098000	27.60	56.00	28.40	7.60	46.00	38.40	N
1302000	32.90	56.00	23.10	11.00	46.00	35.00	N
1598000	32.50	56.00	23.50	8.20	46.00	37.80	N
1798000	31.60	56.00	24.40	6.30	46.00	39.70	N
1986000	13.00	56.00	43.00	1.80	46.00	44.20	N