EXHIBIT 6

INDEX OF SUBMITTED MEASURED DATA

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

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- 6B-2 –425.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6B-3 –484.9875 MHz, 12.5 kHz Channel Spacing
- 6B-4 –484.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

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- 6E-5 –425.0125 MHz, 12.5 kHz Channel Spacing (APCO Digital Data)
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- 6E-8 –484.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Voice)
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- 6E-10 –484.9875 MHz, 12.5 kHz Channel Spacing (TDMA)

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- 6F-2 - High Power 484.9875 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-3 - High Power 511.9875 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-4 - High Power 519.9875 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-5 - Low Power 450.0125 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-6 - Low Power 484.9875 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-7 - Low Power 511.9875 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-8 - Low Power 519.9875 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-9 - Low Power 380.0125 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-10 - Low Power 406.2 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-11 - Low Power 425.0125 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-12 - Low Power 469.9875 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-13 - High Power 380.0125 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-14 - High Power 406.2 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-15 - High Power 425.0125 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-16 - High Power 469.9875 MHz, 12.5 kHz Channel Spacing (Analog Mode)
- 6F-17 - High Power 450.0125 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
- 6F-18 - High Power 484.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
- 6F-19 - High Power 511.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
- 6F-20 - High Power 519.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)

6F-21 - Low Power 450.0125 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6F-22 - Low Power 484.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6F-23 - Low Power 511.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6F-24 - Low Power 519.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6F-25 - Low Power 380.0125 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6F-26 - Low Power 406.2 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6F-27 - Low Power 425.0125 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6F-28 - Low Power 469.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6F-29 - High Power 380.0125 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6F-30 - High Power 406.2 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6F-31 - High Power 425.0125 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6F-32 - High Power 469.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6F-33 - High Power 450.0125 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-34 - High Power 484.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-35 - High Power 511.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-36 - High Power 519.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-37 - Low Power 450.0125 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-38 - Low Power 484.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-39 - Low Power 511.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-40 - Low Power 519.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-41 - Low Power 380.0125 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-42 - Low Power 406.2 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-43 - Low Power 425.0125 MHz, 12.5 kHz Channel Spacing ((TDMA Mode)
6F-44 - Low Power 469.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-45 - High Power 380.0125 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-46 - High Power 406.2 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-47 - High Power 425.0125 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6F-48 - High Power 469.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)

EXHIBIT 6G – Radiated Spurious Emissions

6G-1 - High Power 450.0125 & 484.9875 MHz, 25.0 kHz Channel Spacing (Not for FCC Review)
6G-2 - High Power 511.9875 & 519.9875 MHz, 25.0 kHz Channel Spacing (Not for FCC Review)
6G-3 - Low Power 450.0125 & 484.9875 MHz, 25.0 kHz Channel Spacing (Not for FCC Review)
6G-4 - Low Power 511.9875 & 519.9875 MHz, 25.0 kHz Channel Spacing (Not for FCC Review)
6G-5 - High Power 380.0125 & 406.2 MHz, 25.0 kHz Channel Spacing (Not for FCC Review)
6G-6 - High Power 425.0125 & 469.9875 MHz, 25.0 kHz Channel Spacing (Not for FCC Review)
6G-7 - Low Power 380.0125 & 406.2 MHz, 25.0 kHz Channel Spacing (Not for FCC Review)
6G-8 - Low Power 425.0125 & 469.9875 MHz, 25.0 kHz Channel Spacing (Not for FCC Review)
6G-9 - High Power 450.0125 & 484.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6G-10 - High Power 511.9875 & 519.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6G-11 - Low Power 450.0125 & 484.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6G-12 - Low Power 511.9875 & 519.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6G-13 - High Power 380.0125 MHz & 406.2 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6G-14 - High Power 425.0125 MHz & 469.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6G-15 - Low Power 380.0125 MHz & 406.2 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6G-16 - Low Power 425.0125 MHz & 469.9875 MHz, 12.5 kHz Channel Spacing (APCO Digital Mode)
6G-17 - High Power 450.0125 & 484.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6G-18 - High Power 511.9875 & 519.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6G-19 - Low Power 450.0125 & 484.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6G-20 - Low Power 511.9875 & 519.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6G-21 - High Power 380.0125 MHz & 406.2 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6G-22 - High Power 425.0125 MHz & 469.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6G-23 - Low Power 380.0125 MHz & 406.2 MHz, 12.5 kHz Channel Spacing (TDMA Mode)
6G-24 - Low Power 425.0125 MHz & 469.9875 MHz, 12.5 kHz Channel Spacing (TDMA Mode)

EXHIBIT 6H – Frequency Stability

6H-1 – 425.0125 MHz vs. Temperature
6H-2 – 484.9875 MHz vs. Temperature
6H-3 – 425.0125 MHz vs. Supply Voltage
6H-4 – 484.9875 MHz vs. Supply Voltage

EXHIBIT 6I – Transient Frequency Behavior

6J-1 – 484.9875 MHz, 25 kHz Channel Spacing – Transmitter On (Not for FCC Review)
6J-2 – 484.9875 MHz, 12.5 kHz Channel Spacing – Transmitter On
6J-3 – 484.9875 MHz, 12.5 kHz Channel Spacing – Transmitter Off
6J-4 – 484.9875 MHz, 25 kHz Channel Spacing – Transmitter Off (Not for FCC Review)
6J-5 – 425.0125 MHz, 25 kHz Channel Spacing – Transmitter On (Not for FCC Review)
6J-6 – 425.0125 MHz, 25 kHz Channel Spacing – Transmitter Off (Not for FCC Review)
6J-7 – 425.0125 MHz, 12.5 kHz Channel Spacing – Transmitter On
6J-8 – 425.0125 MHz, 12.5 kHz Channel Spacing – Transmitter Off

EXHIBIT 6A

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

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device (Q5518).

Frequency = 380.0125 MHz:

Output RF power	47.7 Watts
DC Voltage	13.6 Volts
DC Current	8.68 Amps

Frequency = 380.0125 MHz:

Output RF power	4.00 Watts
DC Voltage	13.6 Volts
DC Current	2.97 Amps

Frequency = 406.2 MHz:

Output RF power	47.7 Watts
DC Voltage	13.6 Volts
DC Current	8.07 Amps

Frequency = 406.2 MHz:

Output RF power	4.01 Watts
DC Voltage	13.6 Volts
DC Current	2.81 Amps

Frequency = 425.0125MHz:

Output RF power	47.5 Watts
DC Voltage	13.6 Volts
DC Current	7.52 Amps

Frequency = 425.0125MHz:

Output RF power	4.01 Watts
DC Voltage	13.6 Volts
DC Current	2.65 Amps

Frequency = 469.9875MHz:

Output RF power	47.6 Watts
DC Voltage	13.6 Volts
DC Current	8.07 Amps

Frequency = 469.9875MHz:

Output RF power	3.99 Watts
DC Voltage	13.6 Volts
DC Current	2.87 Amps

The RF power output was measured with the indicated voltage applied to and current into the final RF amplifying device (Q6533).

Frequency = 450.0125 MHz:

Output RF power	54 Watts
DC Voltage	13.6 Volts
DC Current	7.87 Amps

Frequency = 450.0125 MHz:

Output RF power	4 Watts
DC Voltage	13.6 Volts
DC Current	1.91 Amps

Frequency = 484.9875 MHz

Output RF power	54 Watts
DC Voltage	13.6 Volts
DC Current	7.79 Amps

Frequency = 484.9875 MHz:

Output RF power	4 Watts
DC Voltage	13.6 Volts
DC Current	2.00 Amps

Frequency = 511.9875 MHz:

Output RF power	48 Watts
DC Voltage	13.6 Volts
DC Current	7.44 Amps

Frequency = 511.9875 MHz:

Output RF power	4 Watts
DC Voltage	13.6 Volts
DC Current	2.06 Amps

Frequency = 519.9875 MHz:

Output RF power	30 Watts
DC Voltage	13.6 Volts
DC Current	5.32 Amps

Frequency = 519.9875 MHz:

Output RF power	4 Watts
DC Voltage	13.6 Volts
DC Current	2.01 Amps

EXHIBIT 6B

Transmit Audio Response -- Pursuant 47 CFR 2.1047 and 2.1033(c) (13)

Audio Frequency Response
(Freq: 425.0125MHz, Ch Sp: 12.5 kHz)

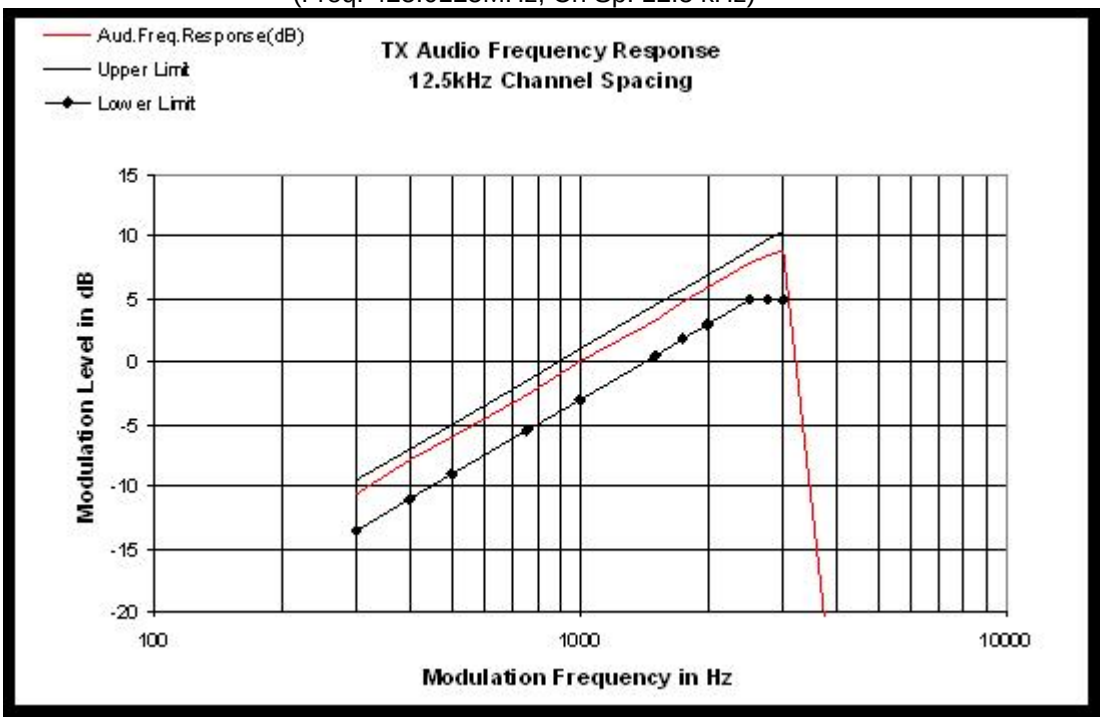


Figure 6B-1: 12.5 kHz Channel Spacing, 425.0125 MHz

Audio Frequency Response
(Freq: 425.0125MHz, Ch Sp: 25 kHz)

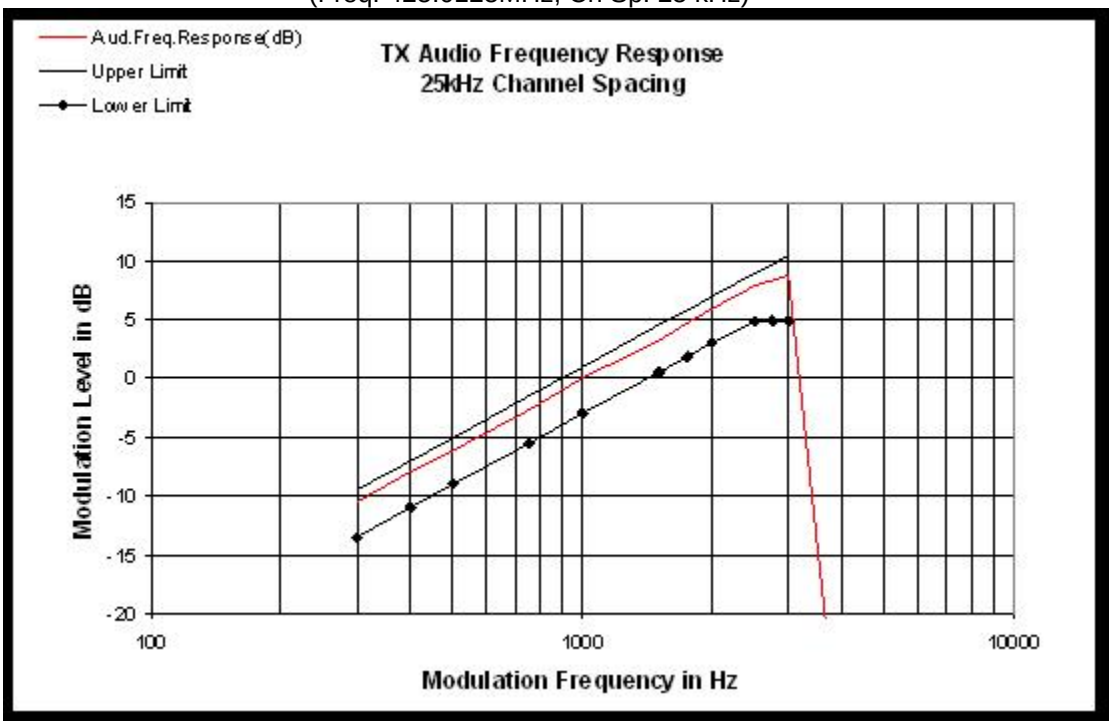


Figure 6B-2: 25 kHz Channel Spacing, 425.0125 MHz (Not for FCC Review)

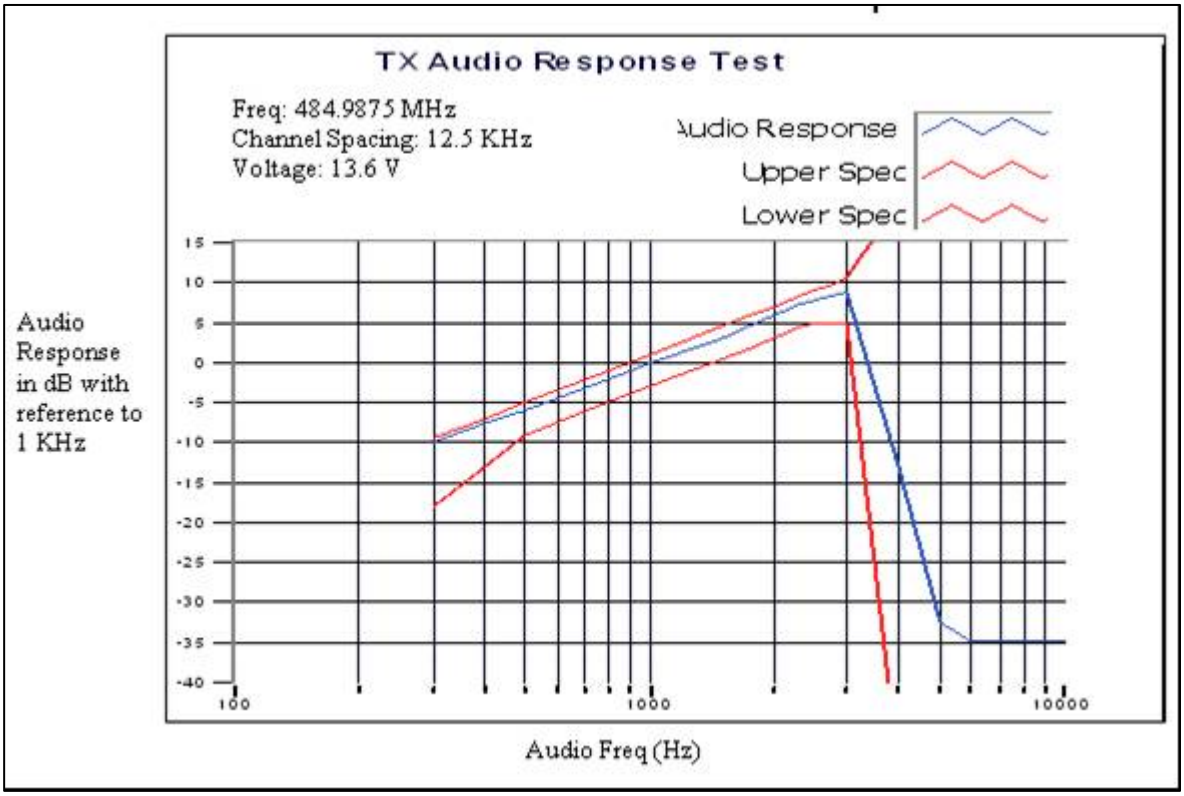


Figure 6B-3: 12.5 kHz Channel Spacing, 484.9875 MHz

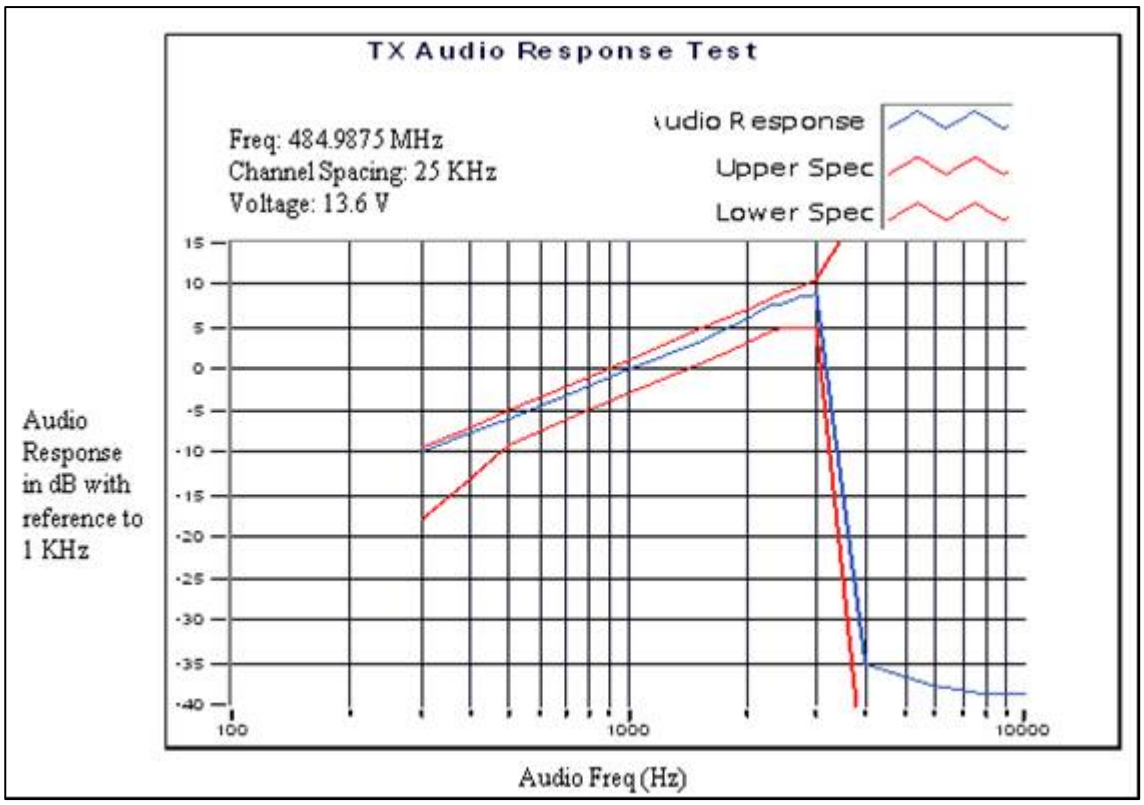


Figure 6B-4: 25 kHz Channel Spacing, 484.9875 MHz (Not for FCC Review)

EXHIBIT 6C

Audio Low Pass Filter Response -- Pursuant 47 CFR 2.1047 and 2.1033(c) (13)

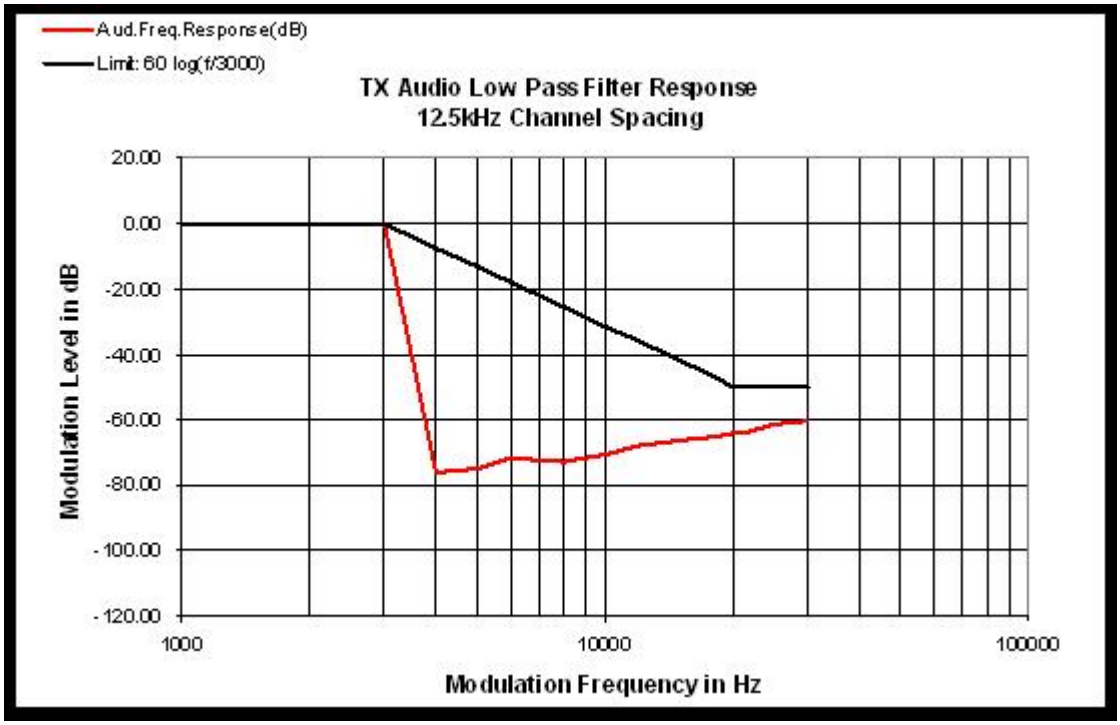


Figure 6C-1: 12.5 kHz Channel Spacing, 425.0125 MHz

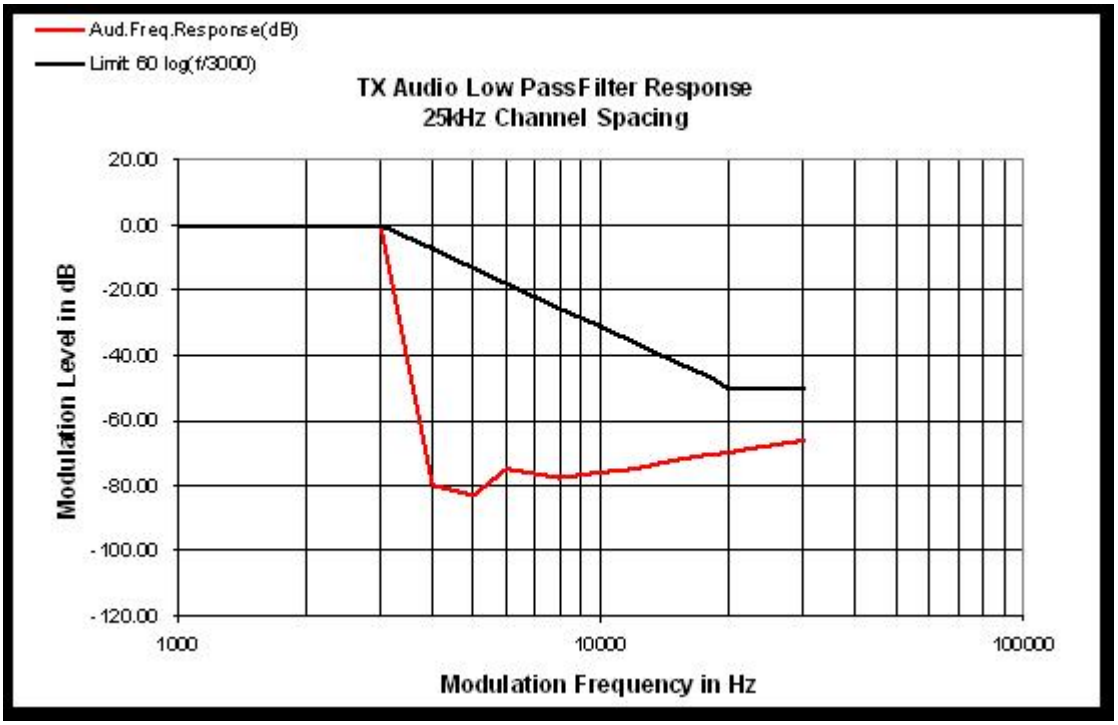


Figure 6C-2: 25 kHz Channel Spacing, 425.0125 MHz (Not for FCC Review)

EXHIBIT 6D

Modulation Limiting -- Pursuant 47 CFR 2.1047 and 2.1033(c) (13)

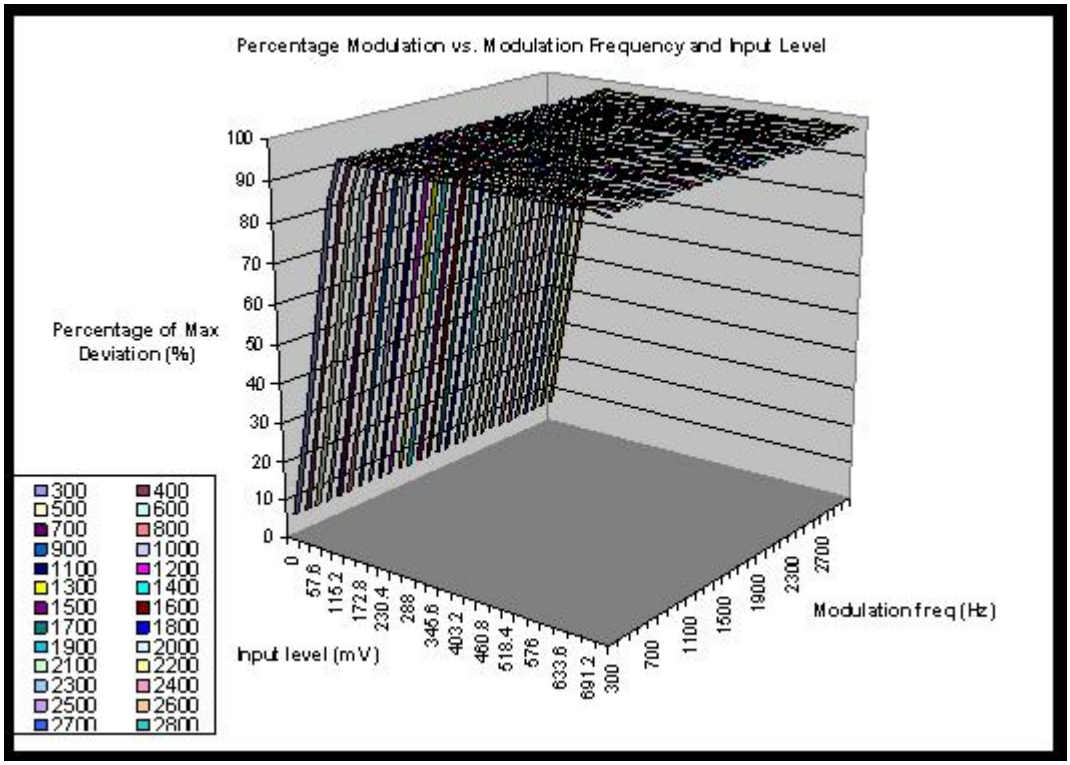


Figure 6D-1: The Percentage of Max. Deviation on the "Z" axis is referenced to 2.5 kHz for 12.5 kHz bandwidth

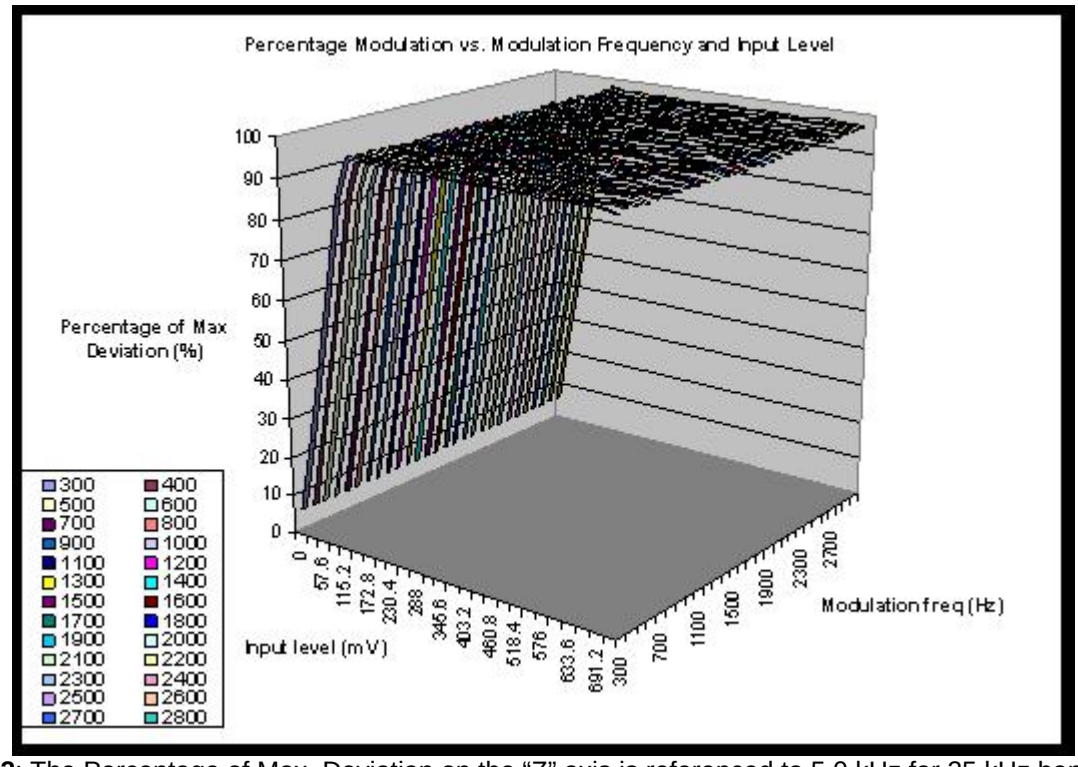


Figure 6D-2: The Percentage of Max. Deviation on the "Z" axis is referenced to 5.0 kHz for 25 kHz bandwidth (Not for FCC Review)

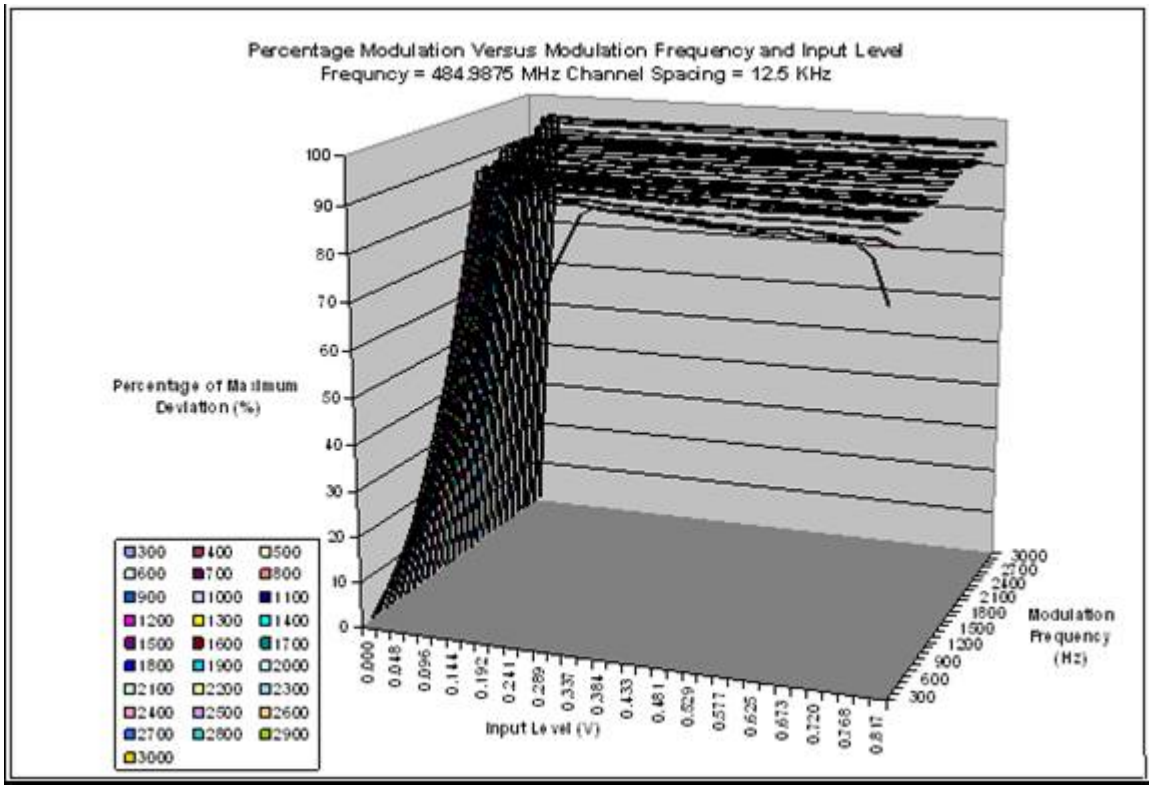


Figure 6D-3: The Percentage of Max. Deviation on the "Z" axis is referenced to 2.5 kHz for 12.5 kHz bandwidth

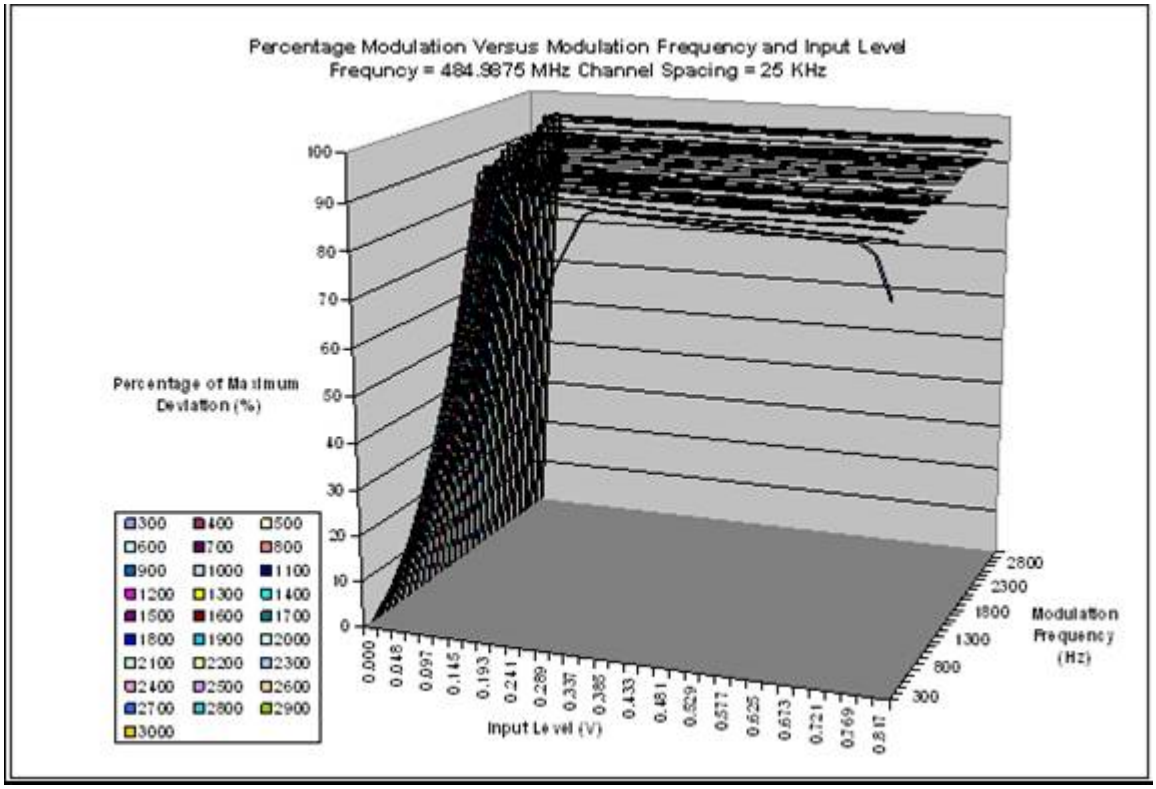


Figure 6D-4: The Percentage of Max. Deviation on the "Z" axis is referenced to 5.0 kHz for 25 kHz bandwidth (Not for FCC Review)

EXHIBIT 6E
Occupied Bandwidth Data -- Pursuant 47 CFR 2.1049, and 90.691

Carson's Rule for FM modulation is utilized to compute the bandwidth shown in the FCC emission designator. Carson's Rule is:

BW = 2 * (M + D) where: BW = Bandwidth
M= Maximum modulating frequency
D = Deviation

EXHIBIT 6E-1
Standard Audio Modulation (12.5 kHz Channelization, Analog Voice):
Emission Designator 11K0F3E

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

BW = 2(M+D) = 2*(3.0 kHz + 2.5 kHz) = 11 kHz =➔ 11K0
F3E portion of the designator indicates voice.

Therefore, the entire designator for 12.5 kHz channelization analog voice is 11K0F3E.

EXHIBIT 6E-2
Standard Audio Modulation (25 kHz Channelization, Analog Voice):
Emission Designator 16K0F3E

In this case, the maximum modulating frequency is 3 kHz with a 5 kHz deviation.

BW = 2(M+D) = 2*(3 kHz + 5 kHz) = 16 kHz =➔ 16K0
F3E portion of the designator indicates voice.

Therefore, the entire designator for 25 kHz channelization analog voice is 16K0F3E.

EXHIBIT 6E-3
APCO Digital (12.5 kHz Channelization, APCO Digital Data):
Emission Designator 8K10F1D

The 99% energy rule (title 47CFR 2.989) was used for APCO digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz Measurements were performed in accordance with TIA/EIA TSB102.CAAB Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210(d).

F1D portion of the designator indicates APCO digital data.

Therefore, the entire designator for 12.5 kHz channelization APCO digital data is 8K10F1D.

EXHIBIT 6E-4

APCO Digital (12.5 kHz Channelization, APCO Digital Voice):
Emission Designator 8K10F1E

The 99% energy rule (title 47CFR 2.989) was used for APCO digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz. Measurements were performed in accordance with TIA/EIA TSB102.CAAB Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210(d).

F1E portion of the designator indicates APCO digital voice.

Therefore, the entire designator for 12.5 kHz channelization APCO digital voice is 8K10F1E.

EXHIBIT 6E-5

Digital (12.5 kHz Channelization, Digital TDMA):
Emission Designator 8K10F1W

The 99% energy rule (title 47CFR 2.989) was used for TDMA mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz Measurements were performed in accordance with TIA/EIA TSB102.CAAB Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210(d).

F1W portion of the designator indicates digital TDMA.

Therefore, the entire designator for 12.5 kHz channelization digital TDMA is 8K10F1W.

EXHIBIT 6E-6

APCO Digital Modulation (20 kHz Channelization, APCO Digital Voice with Encryption):
Emission Designator 20K0F1E

In this case, the maximum modulating frequency is 6 kHz with a 4 kHz deviation.

BW = 2(M+D) = 2*(6 kHz + 4 kHz) = 20 kHz =➔ 20K0
F1E portion of the designator indicates APCO digital voice.

Therefore, the entire designator for 20 kHz channelization APCO Digital voice is 20K0F1E.

EXHIBIT 6E-7

Securenet Mode (20.0 kHz Channelization, Analog Voice with Encryption):
Emission Designator 20K0F1E

In this case, the maximum modulating frequency is 6.0 kHz with a 4.0 kHz deviation.

BW = 2(M+D) = 2*(6.0 kHz + 4.0 kHz) = 20 kHz ===> 20K0
F1E portion of the designator indicates APCO digital voice.

Therefore, the entire designator for 20.0 kHz channelization securenet mode (analog voice with encryption) is 20K0F1E.

Note: The 90.203(j) efficiency standard for "F1D" emission is met by sending 2 bits at a time, at a rate of 4800 symbols/second. This yields 9600 bits/second, which is achieved using the modulation technique described in the note below. Modulation results from one of the APCO digital 4-level standard symbol patterns applied to the modulation at a rate of 9600 bits/second. The modulation technique is 4-level FM. The information bits are commonly represented by a symbol that corresponds to one of 4 levels of FM deviation according to the following table.

Information Bits	Symbol	C4FM Deviation
01	+3	+1.8 kHz
00	+1	+0.6 kHz
10	-1	-0.6 kHz
11	-3	-1.8 kHz

For example, an 8-bit binary pattern of 0010 1101 would be sent as symbols +1, -1, -3, +3, which would cause a modulation signal (Frequency-Shift-Keyed) of +1.8 kHz, -600 Hz, -1.8 kHz, and +600 Hz. This results in 9600 bits/second of information being sent on a 12.5 kHz channel, which is the equivalent of 4800 bits/second per 6.25 kHz.

Note: The “F1D”, “F1E” and “F1W” signal parameters are described as follows: The modulation is 4-level FSK with +/-600 Hz and +/-1.8 kHz shifting (+/-600 Hz and +/-1.8 kHz are the 4 distinct levels of signals). The APCO digital voice test pattern is created by a 2500 Hz sine wave modulated at a level that is 16 dB above that required to produce 50% deviation at the radio output. The APCO digital data test signal is generated by an internally generated pseudo random test pattern based on ITU-T 0.153 (formally CCITT V.52).

EXHIBIT 6E
Occupied Bandwidth Data -- Pursuant 47 CFR 2.1049 (B & D), and 90.691

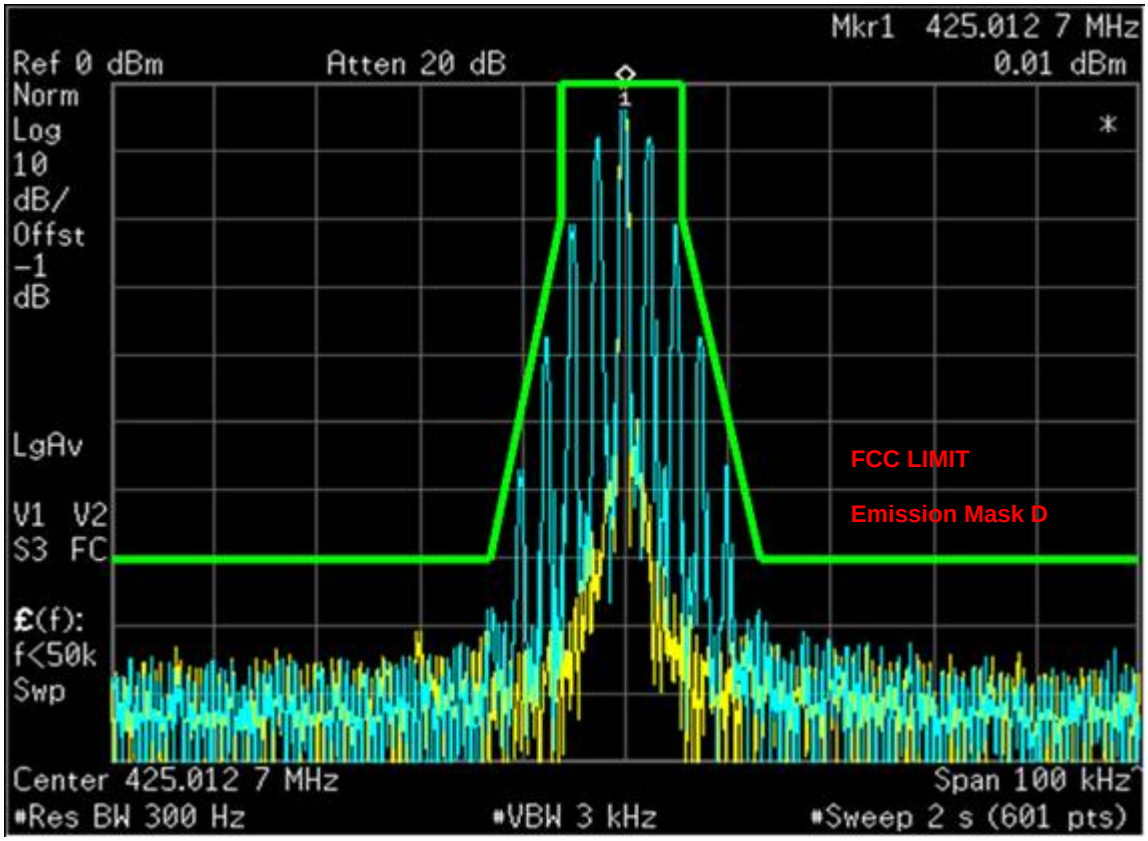


Figure 6E-1: 12.5 kHz Channel Spacing, 425.0125 MHz, Analog Voice, Mask D 11K0F3E

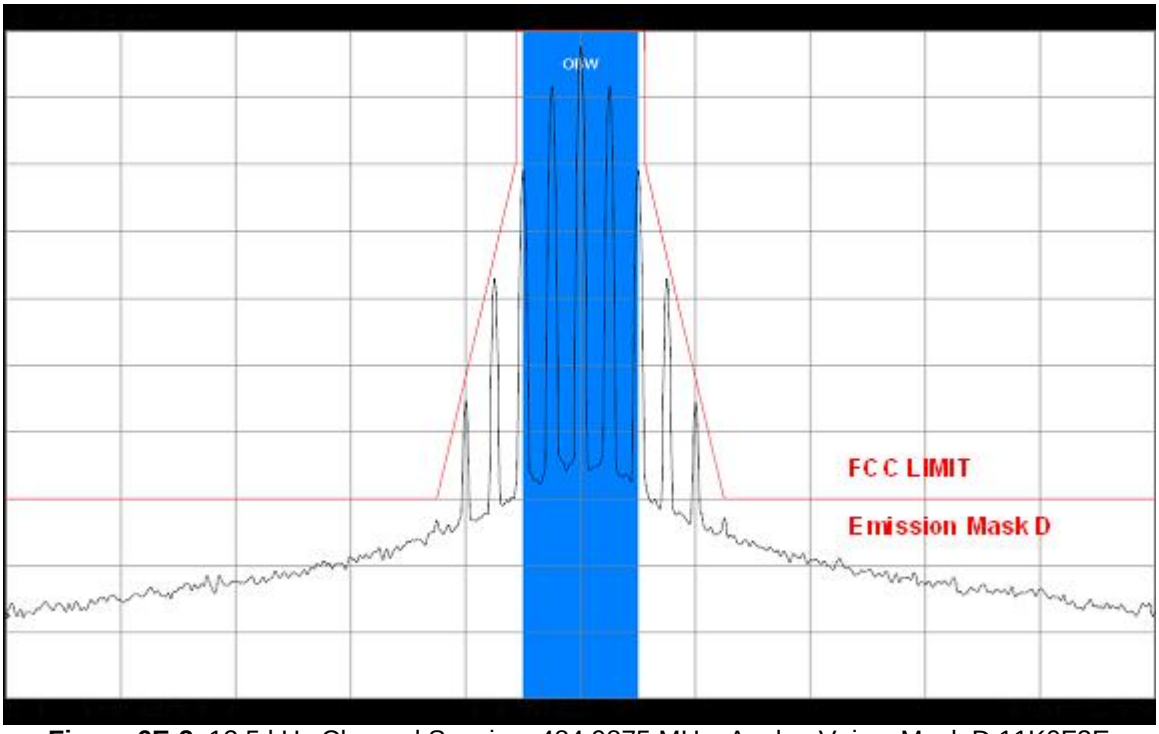


Figure 6E-2: 12.5 kHz Channel Spacing, 484.9875 MHz, Analog Voice, Mask D 11K0F3E

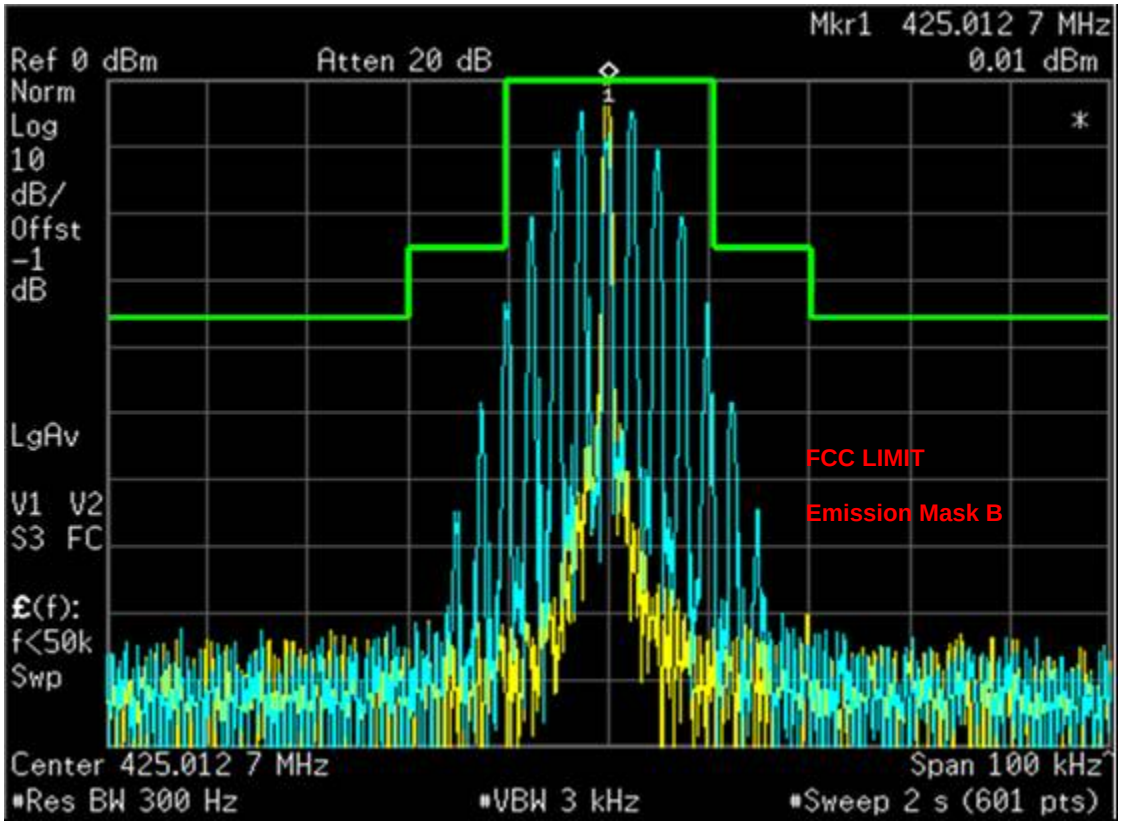


Figure 6E-3: 25 kHz Channel Spacing, 425.0125 MHz, Analog Voice, Mask B 16K0F3E (Not for FCC Review)

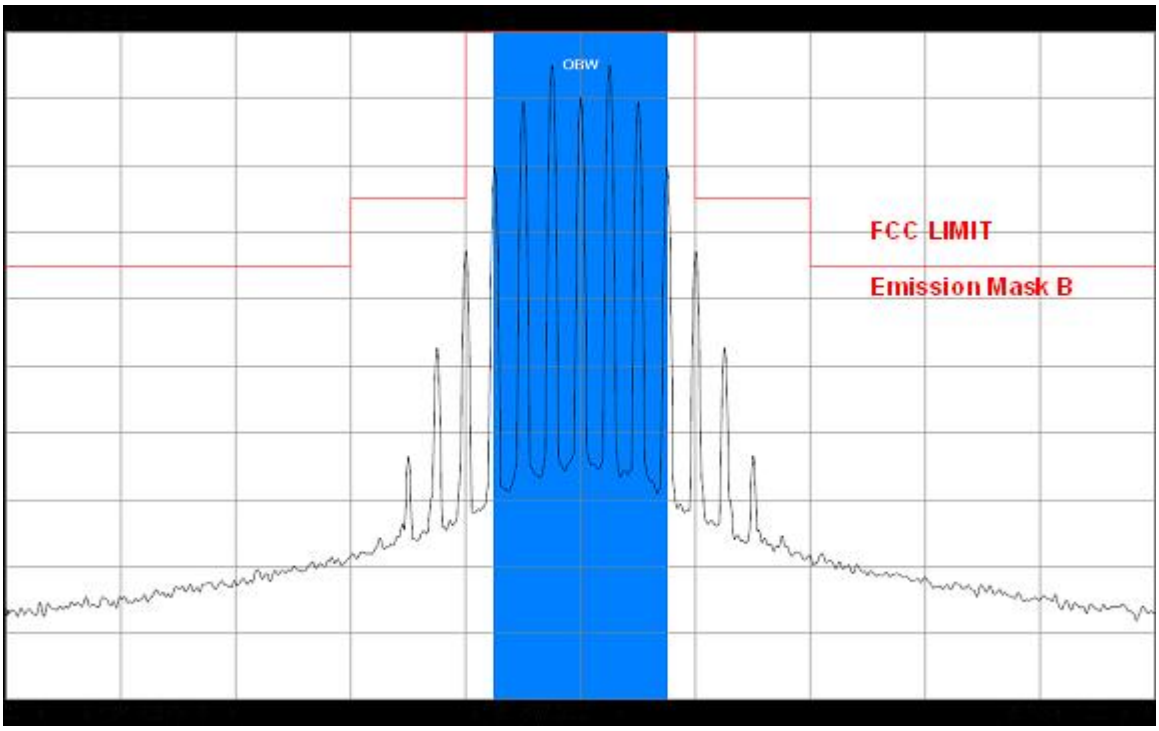


Figure 6E-4: 25 kHz Channel Spacing, 484.9875 MHz, Analog Voice, Mask B 16K0F3E (Not for FCC Review)

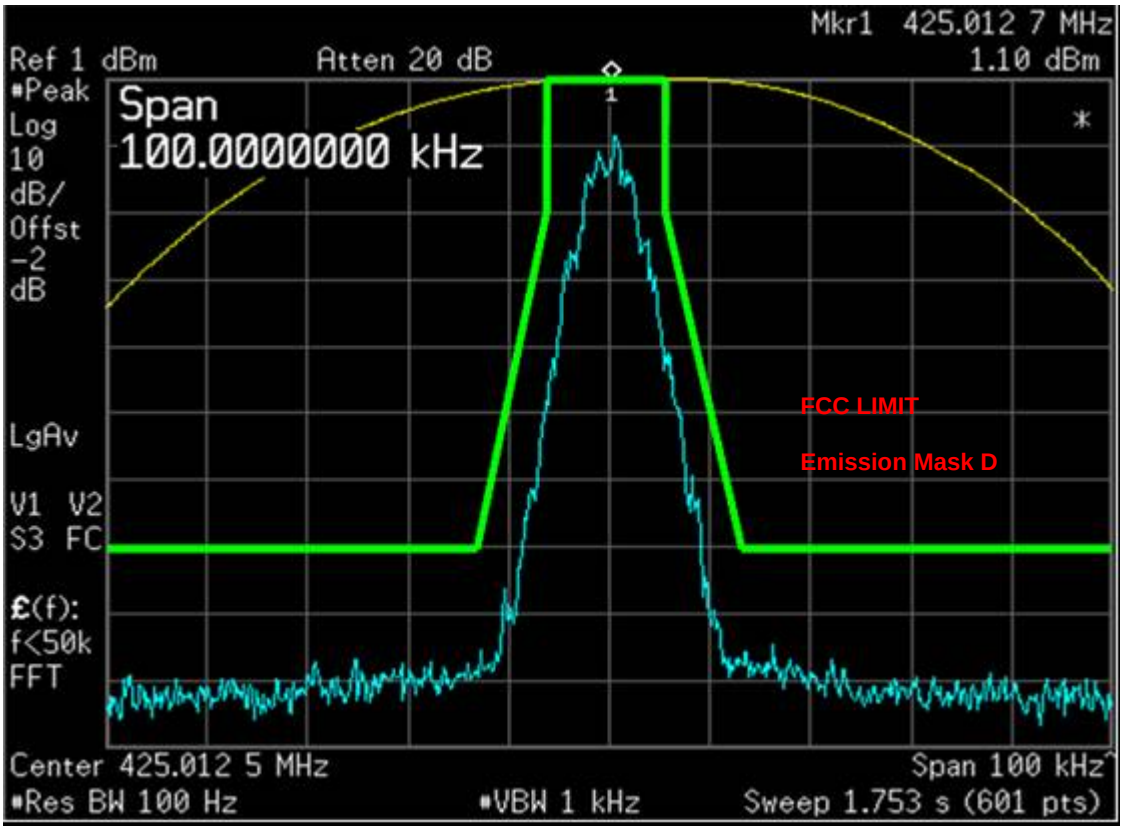


Figure 6E-5: 12.5 kHz Channel Spacing, 425.0125 MHz, APCO Digital Data, Mask D 8K10F1D

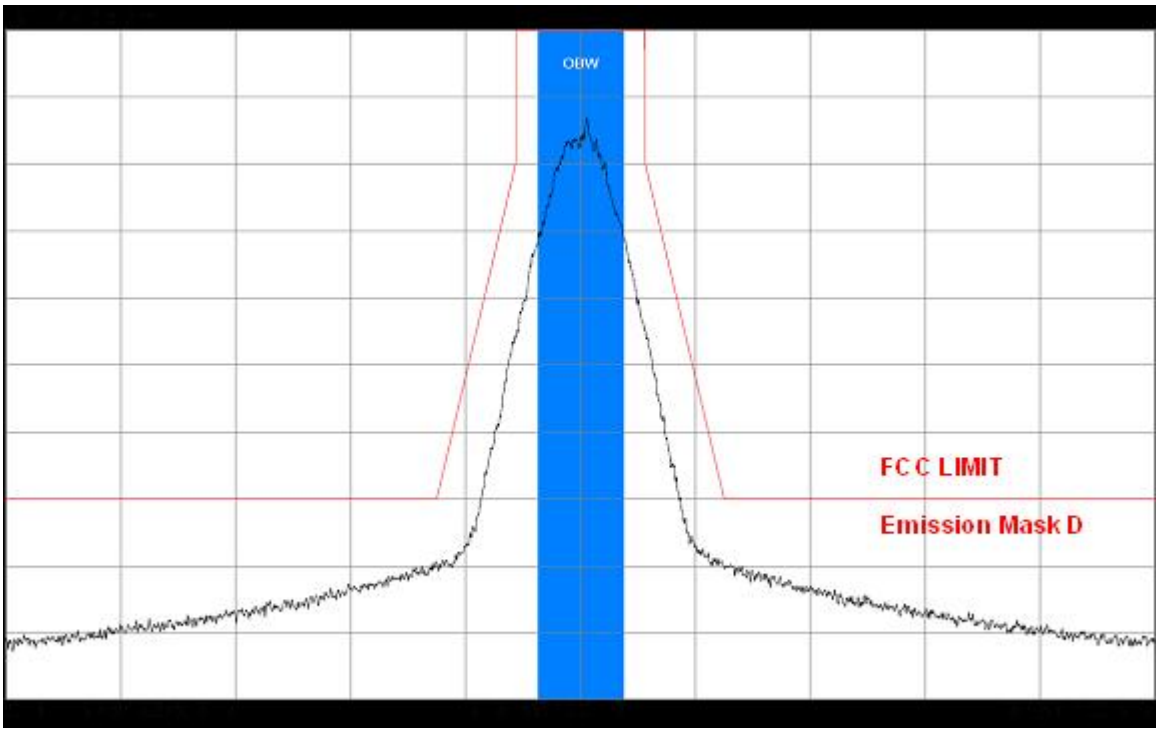


Figure 6E-6: 12.5 kHz Channel Spacing, 484.9875 MHz, APCO Digital Data, Mask D 8K10F1D

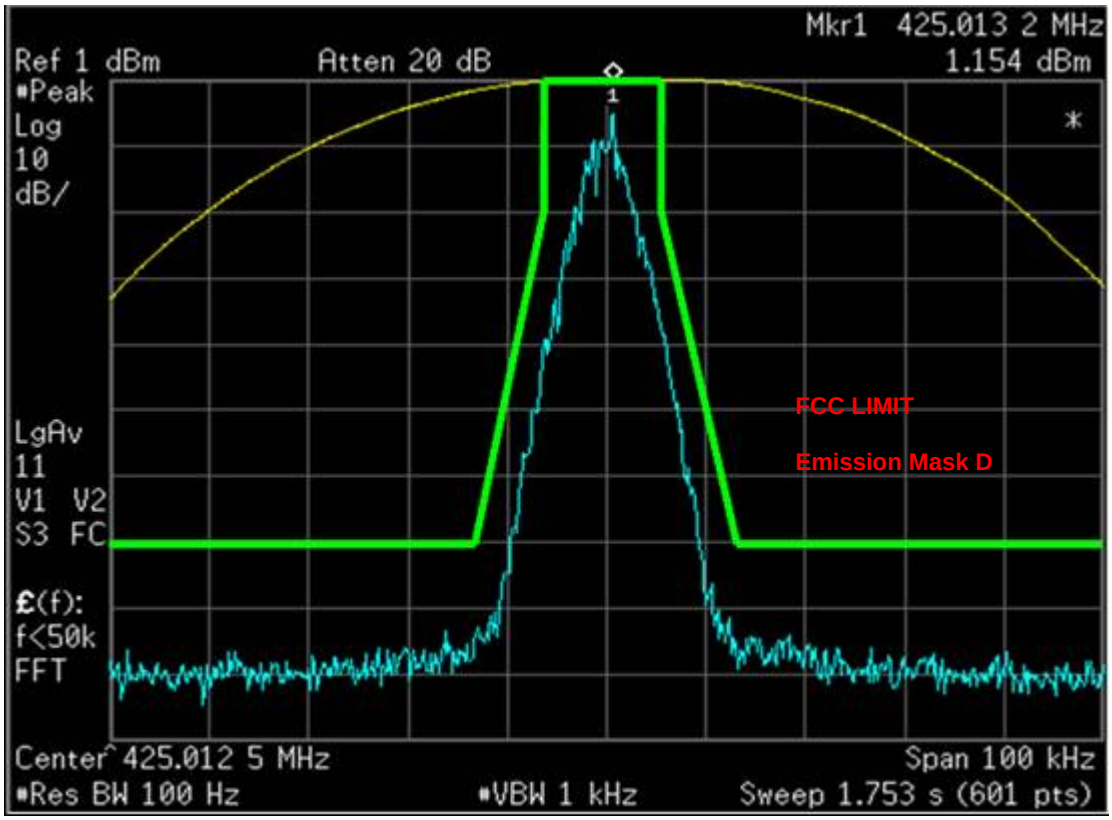


Figure 6E-7: 12.5 kHz Channel Spacing, 425.0125 MHz, APCO Digital Voice, Mask D 8K10F1E

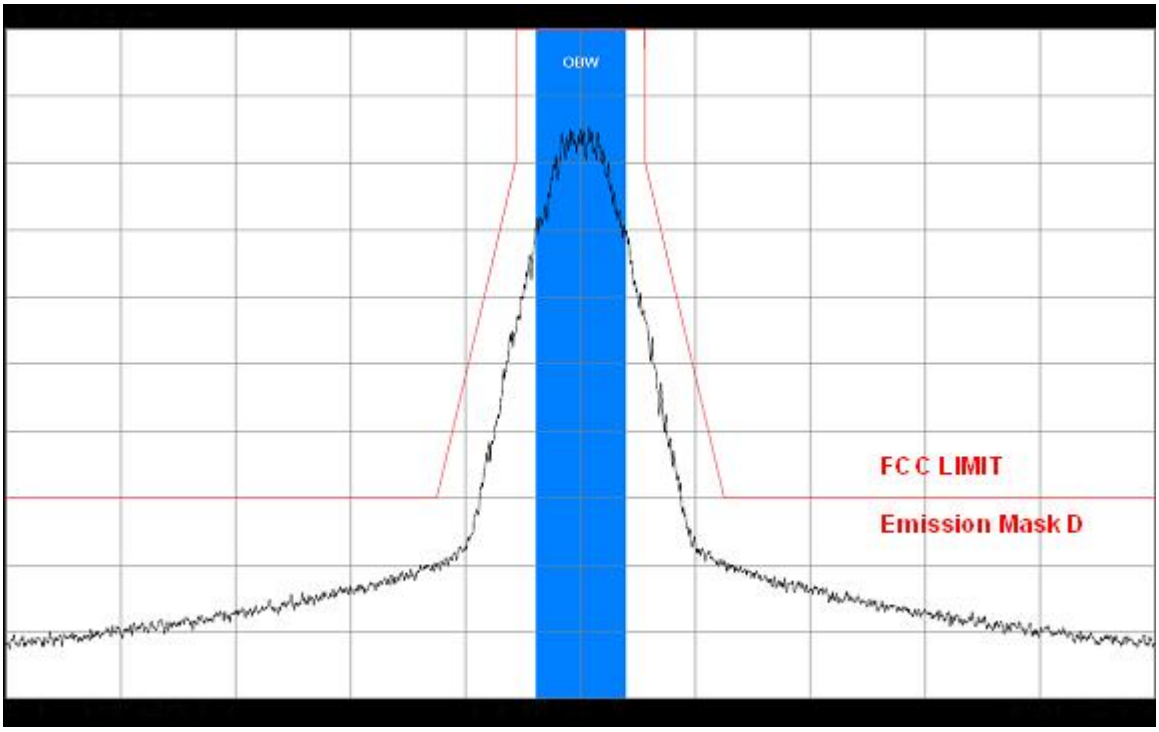


Figure 6E-8: 12.5 kHz Channel Spacing, 484.9875 MHz, APCO Digital Voice, Mask D 8K10F1E

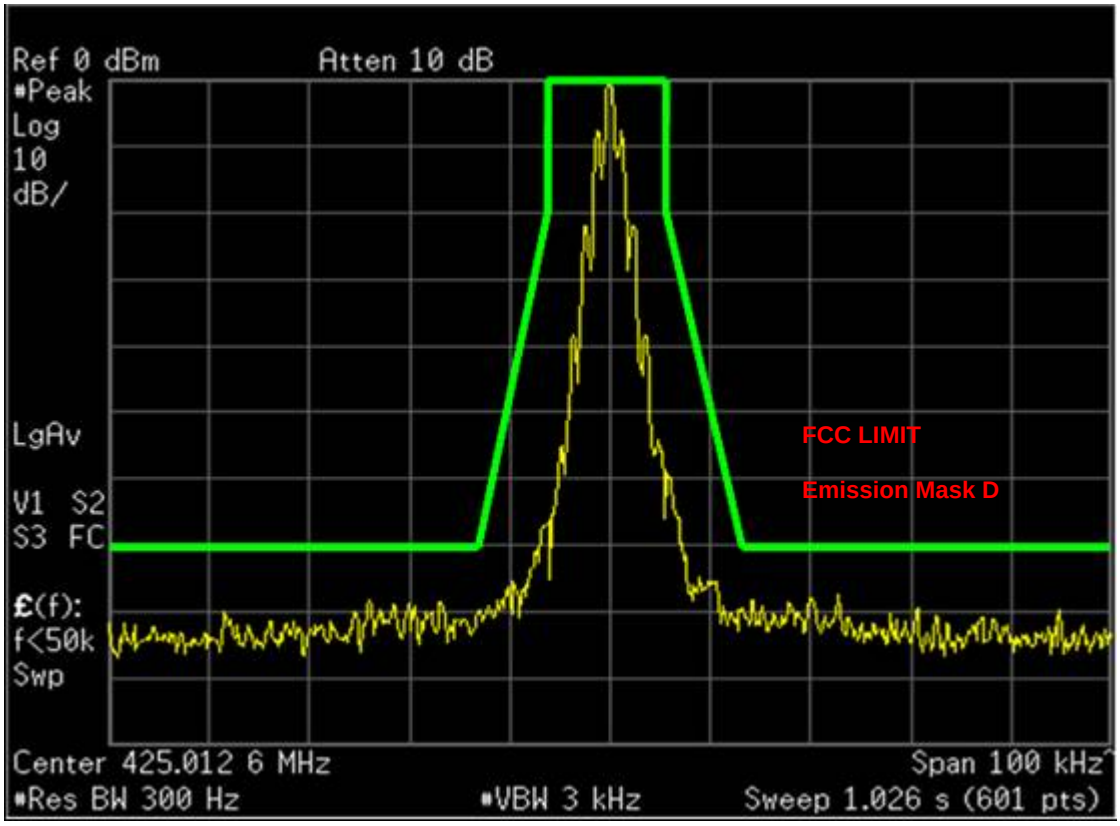


Figure 6E-9: 12.5 kHz Channel Spacing, 425.0125 MHz, TDMA, Mask D 8K10F1W

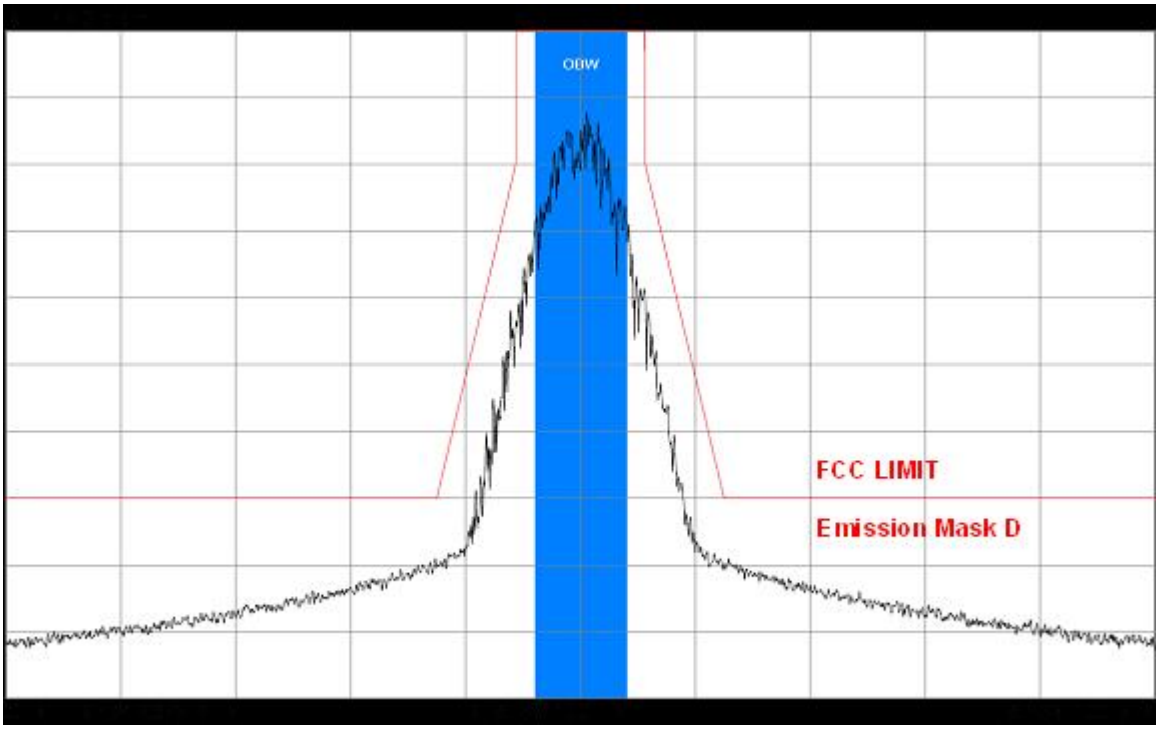


Figure 6E-10: 12.5 kHz Channel Spacing, 484.9875 MHz, TDMA, Mask D 8K10F1W

EXHIBIT 6F
Conducted Spurious Emissions - Pursuant 47 CFR 2.1051 and 2.1033(c) (13)

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

ANALOG MODE

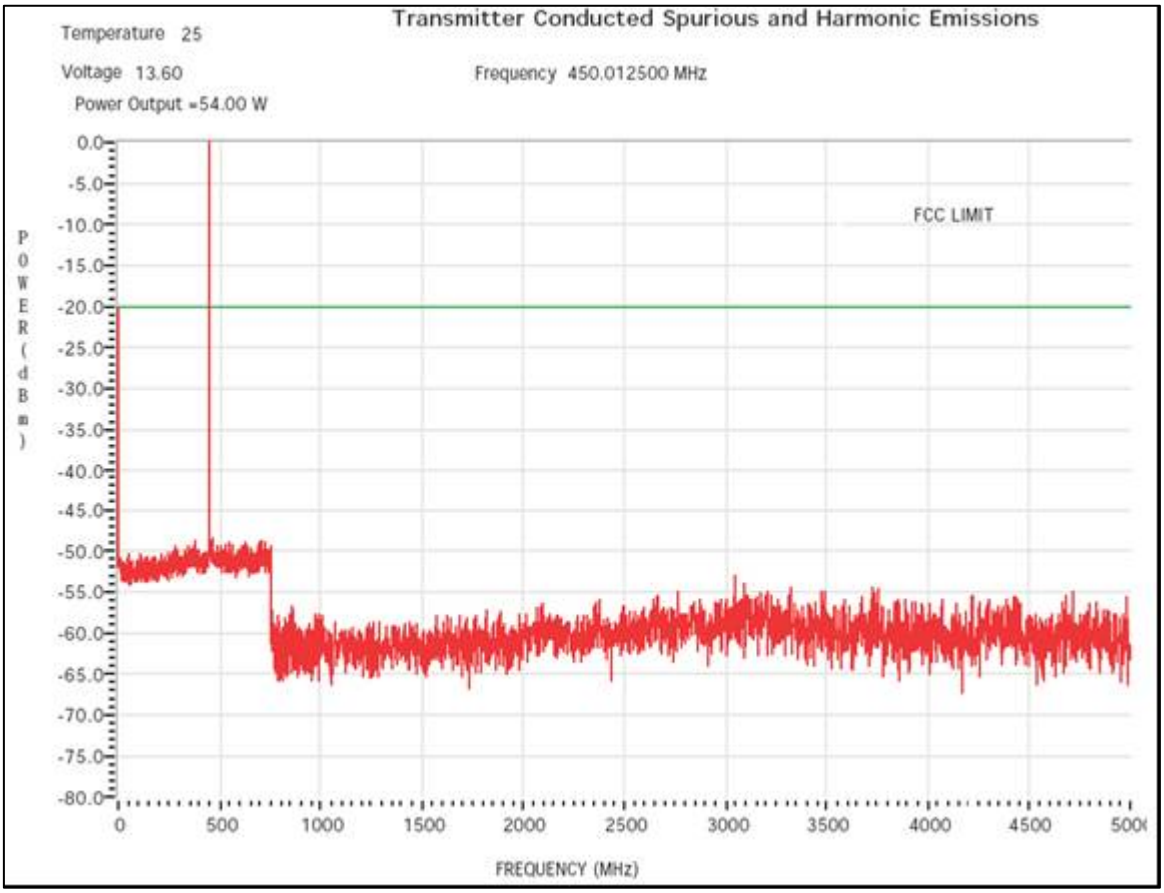


Figure 6F-1: 54W Harmonic of Carrier 450.0125 MHz, 12.5 kHz Channel Spacing

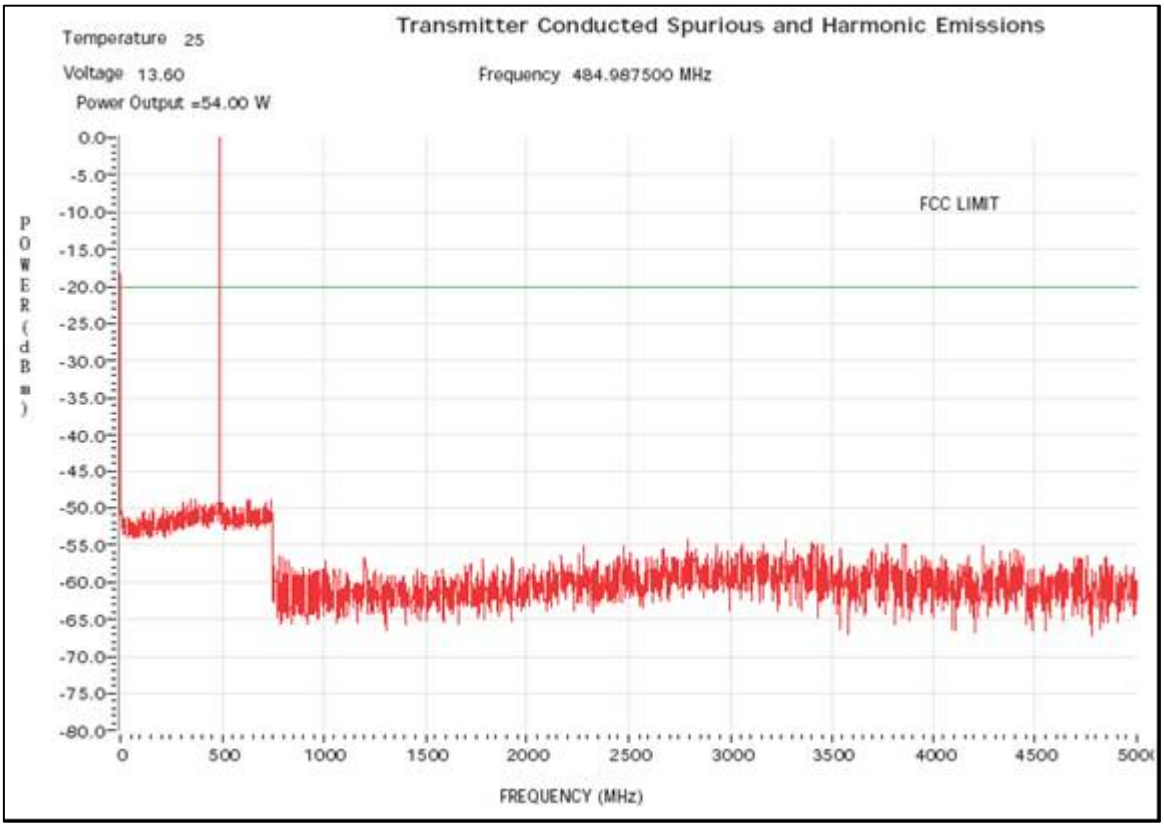


Figure 6F-2: 54W Harmonics of Carrier 484.9875 MHz, 12.5 kHz Channel Spacing

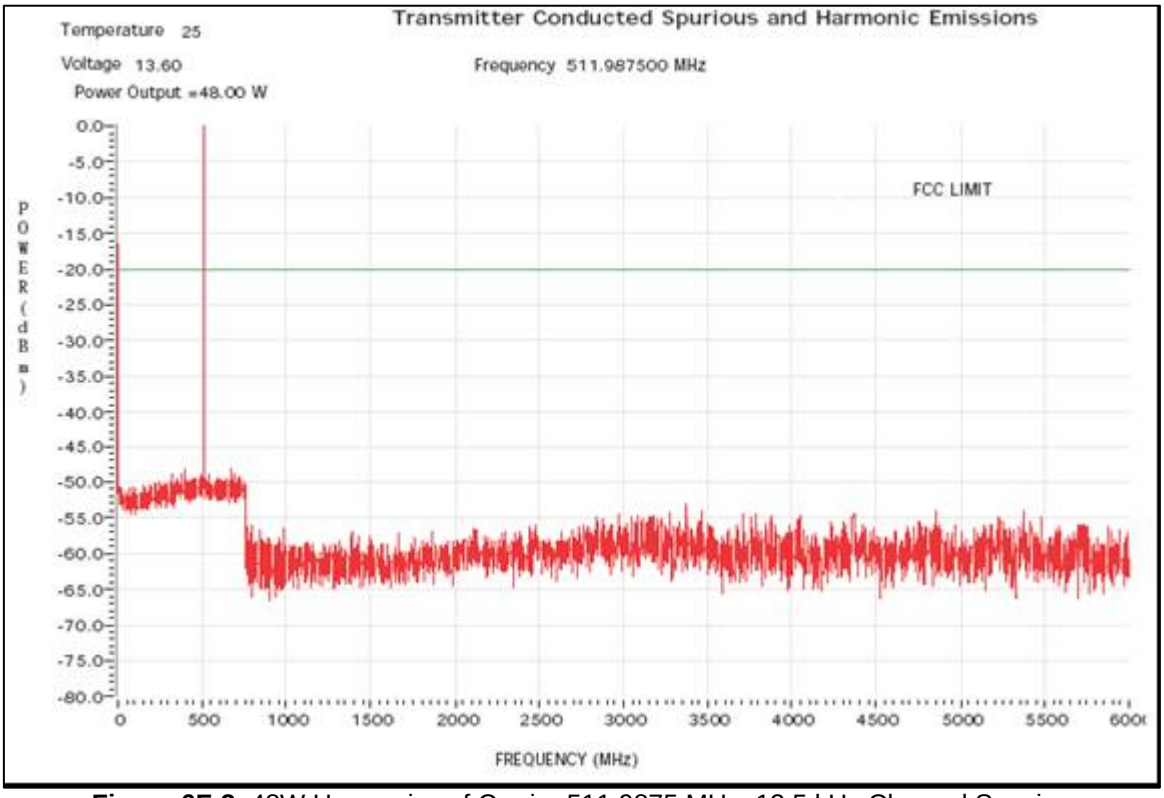


Figure 6F-3: 48W Harmonics of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing

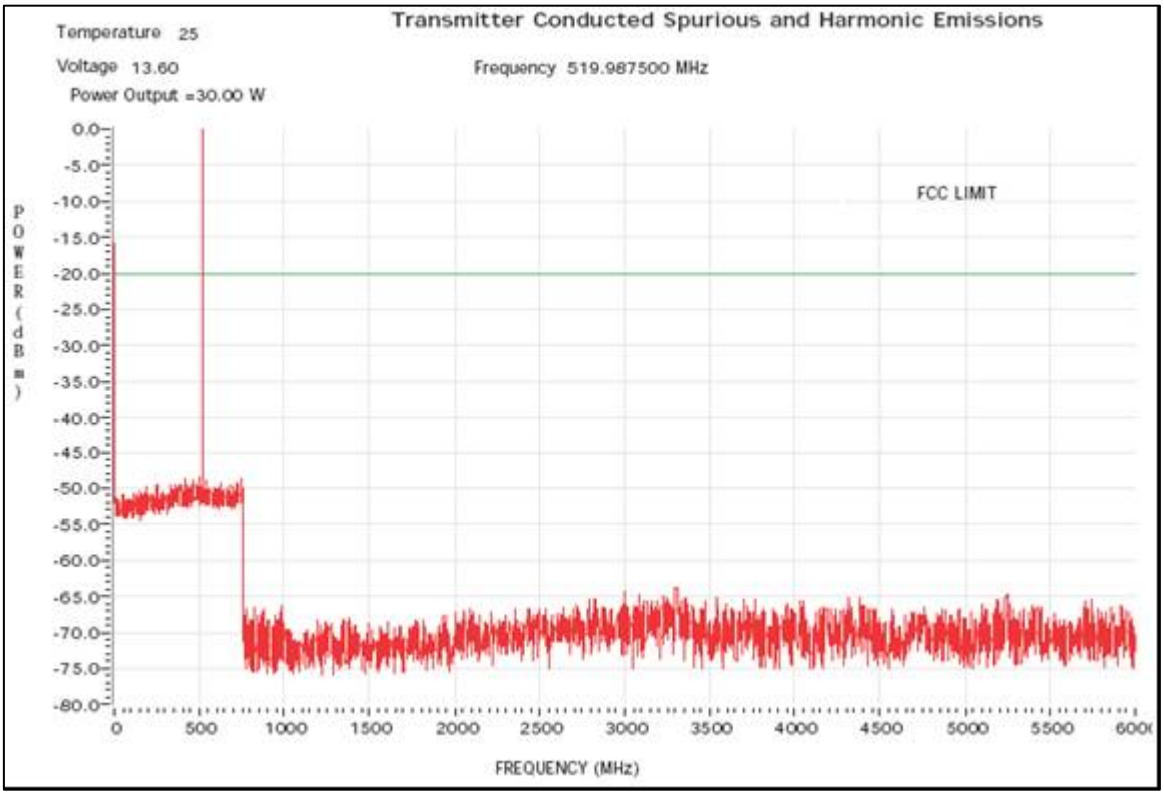


Figure 6F-4: 30W Harmonics of Carrier 519.9875 MHz, 12.5 kHz Channel Spacing

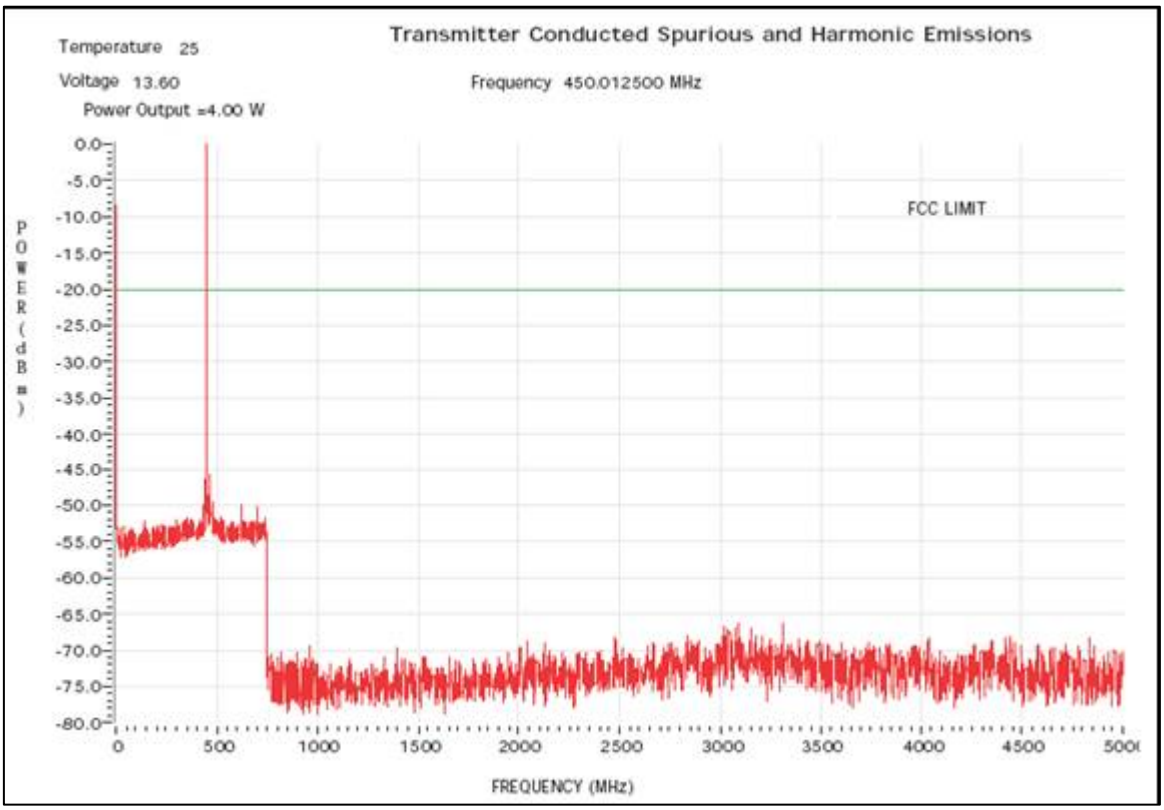


Figure 6F-5: 4W Harmonics of Carrier 450.0125 MHz, 12.5 kHz Channel Spacing

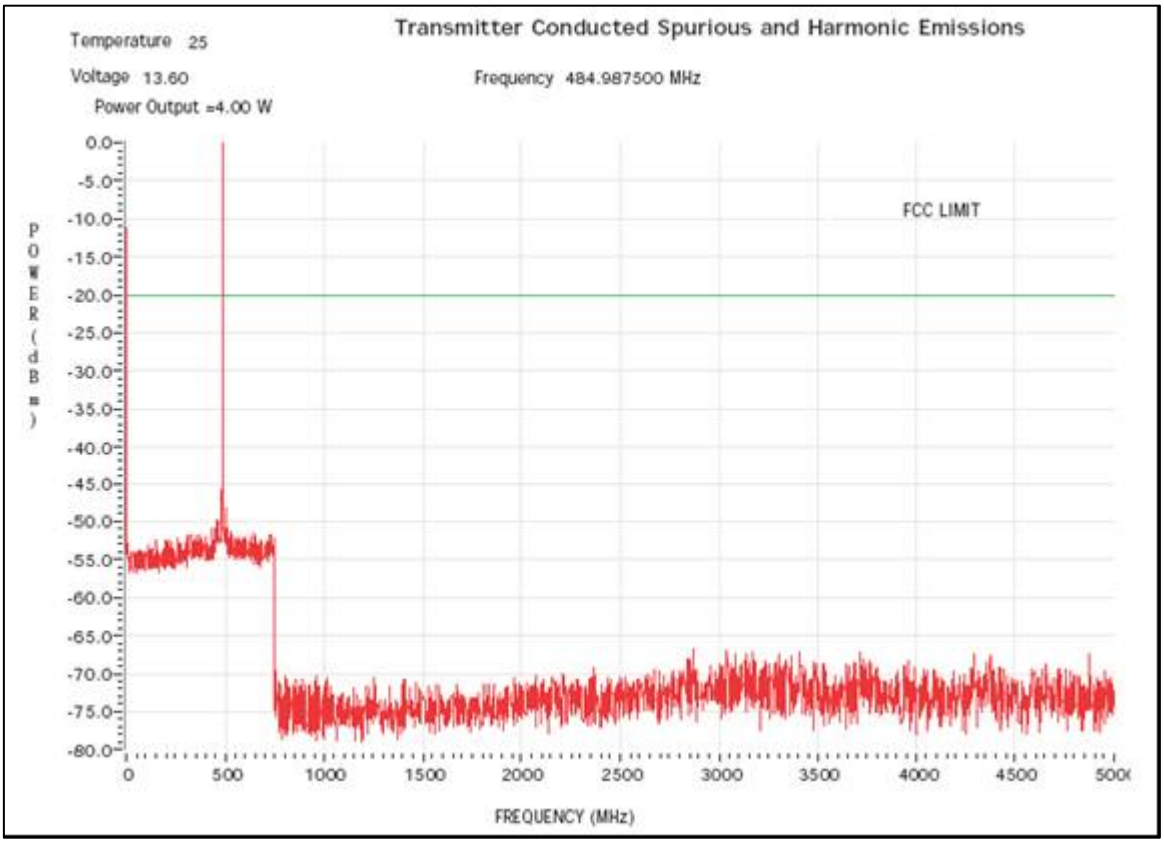


Figure 6F-6: 4W Harmonics of Carrier 484.9875 MHz, 12.5 kHz Channel Spacing

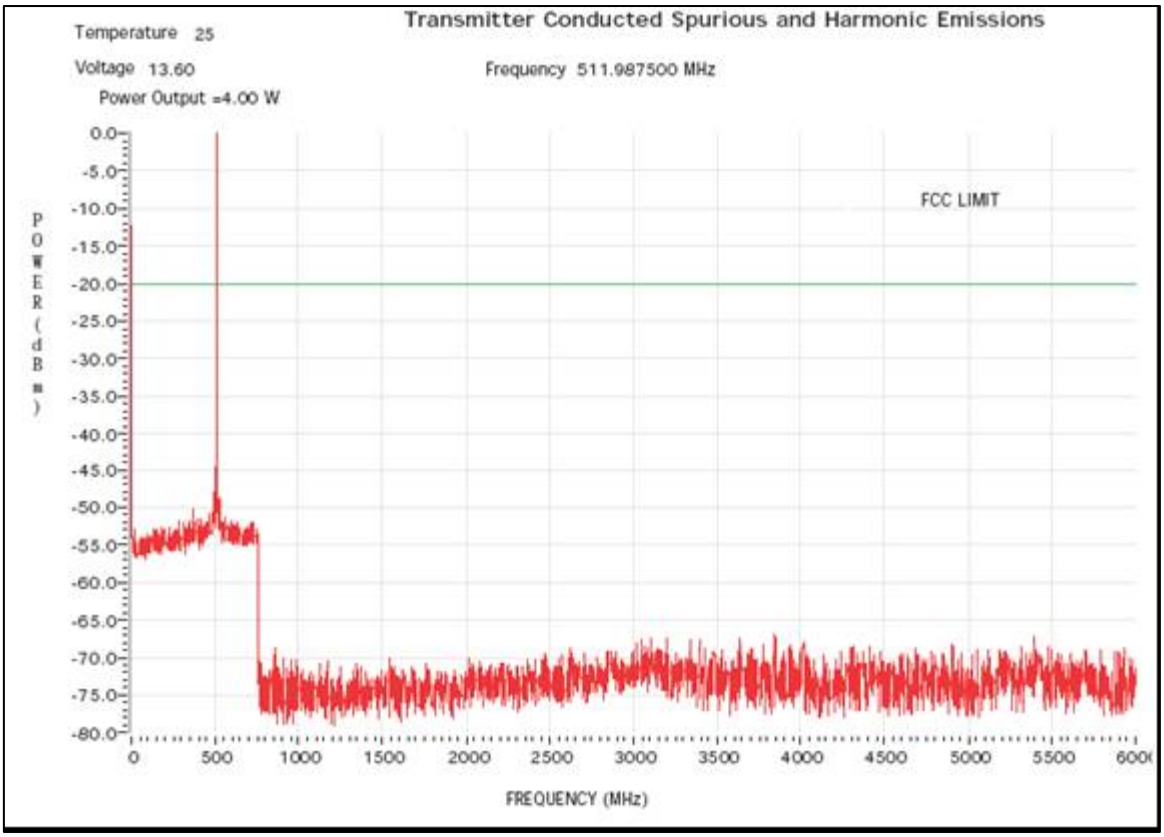


Figure 6F-7: 4W Harmonics of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing

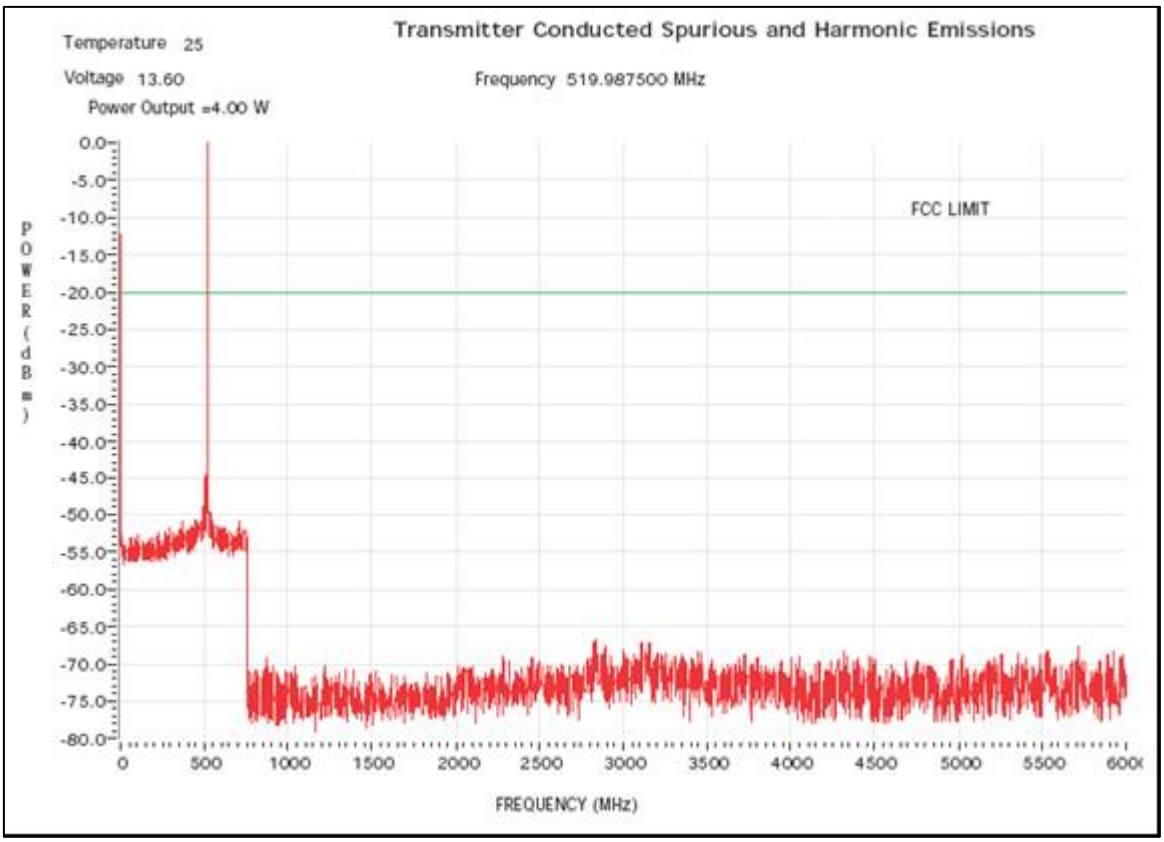


Figure 6F-8: 4W Harmonics of Carrier 519.9875 MHz, 12.5 kHz Channel Spacing

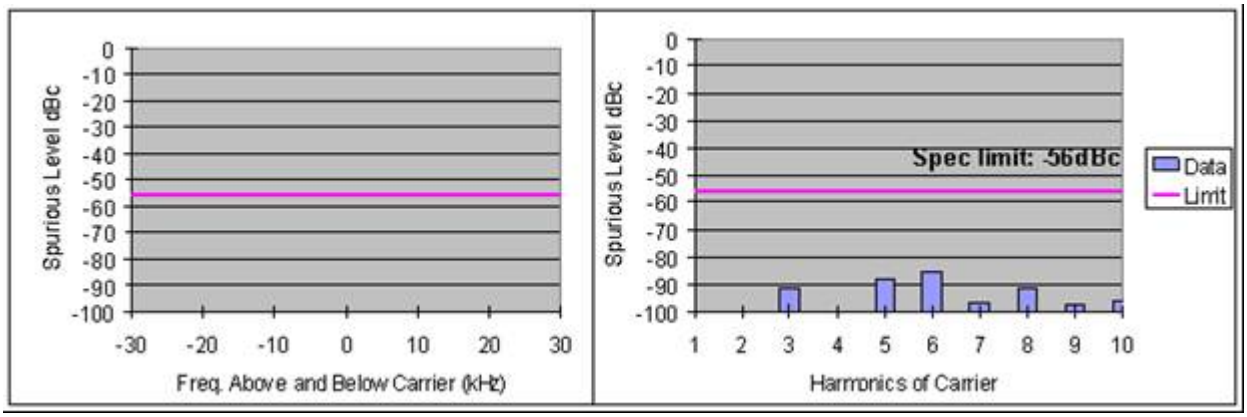


Figure 6F-9: 4W Harmonic of Carrier 380.0125 MHz

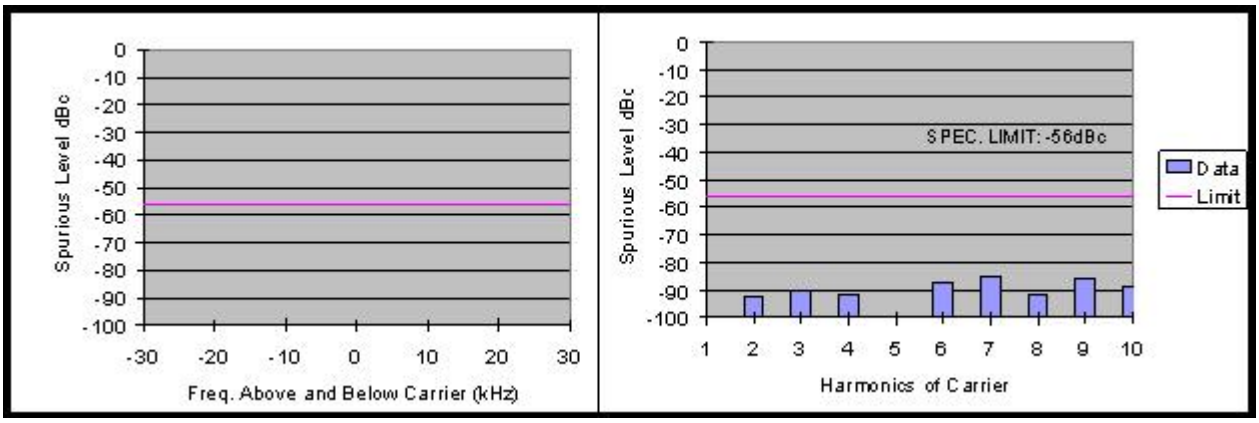


Figure 6F-10: 4W Harmonic of Carrier 406.2 MHz

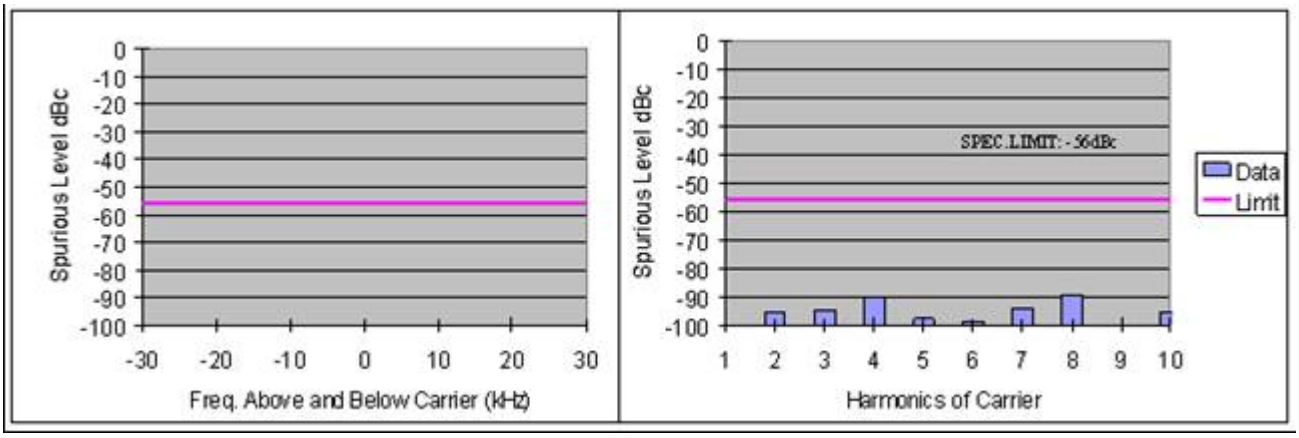


Figure 6F-11: 4W Harmonic of Carrier 425.0125 MHz

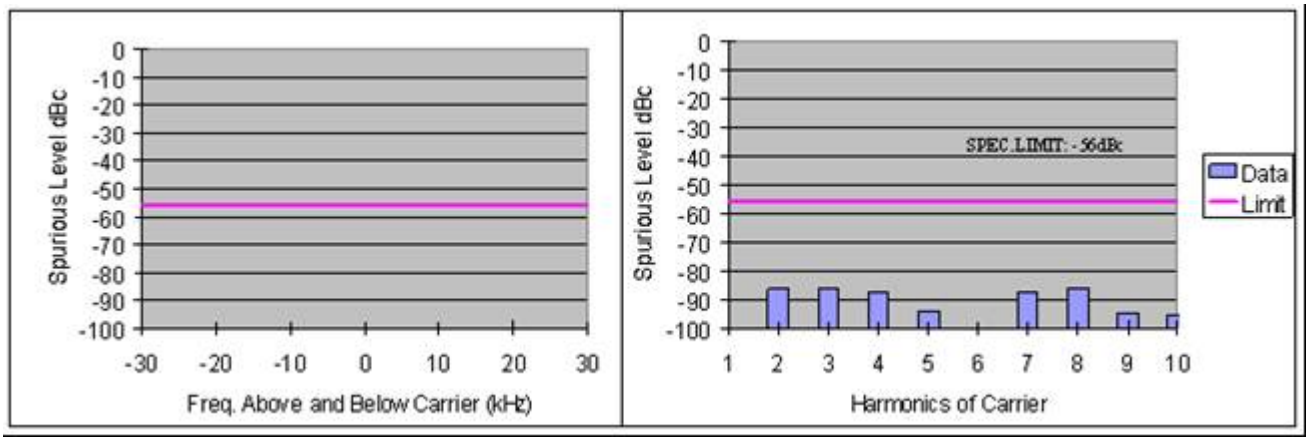


Figure 6F-12: 4W Harmonic of Carrier 469.9875 MHz

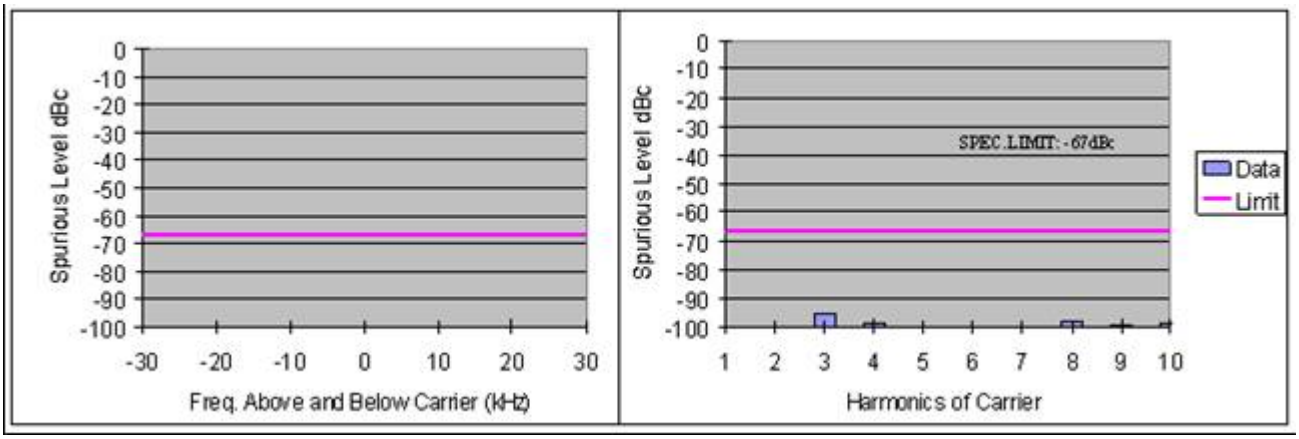


Figure 6F-13: 48W Harmonic of Carrier 380.0125 MHz

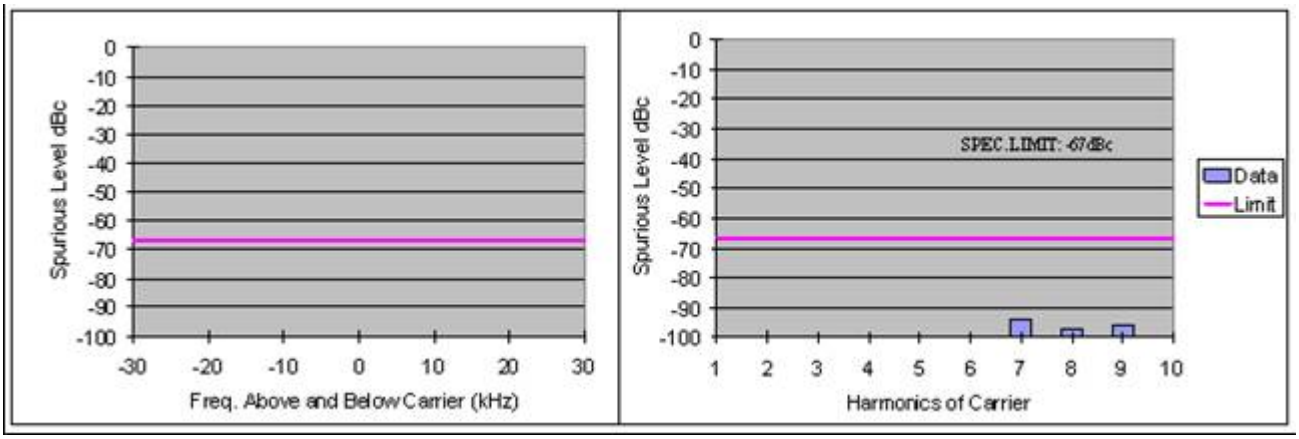


Figure 6F-14: 48W Harmonic of Carrier 406.2 MHz

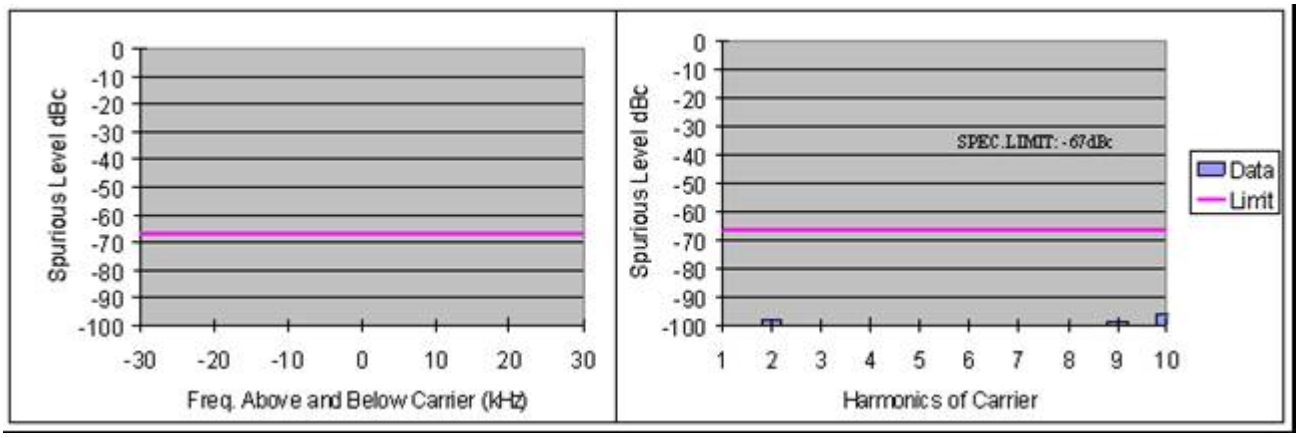


Figure 6F-15: 48W Harmonic of Carrier 425.0125 MHz

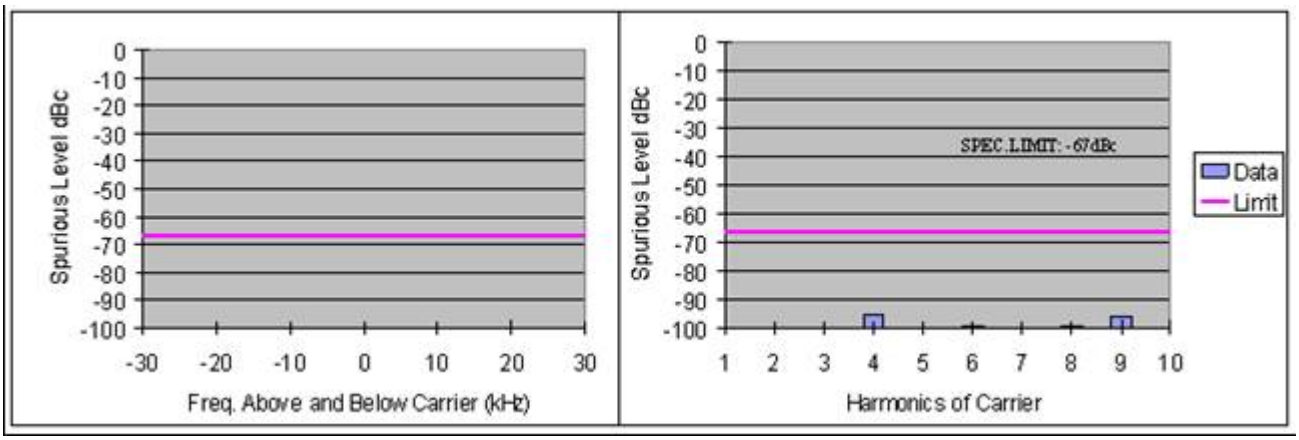


Figure 6F-16: 48W Harmonic of Carrier 469.9875 MHz

APCO DIGITAL MODE

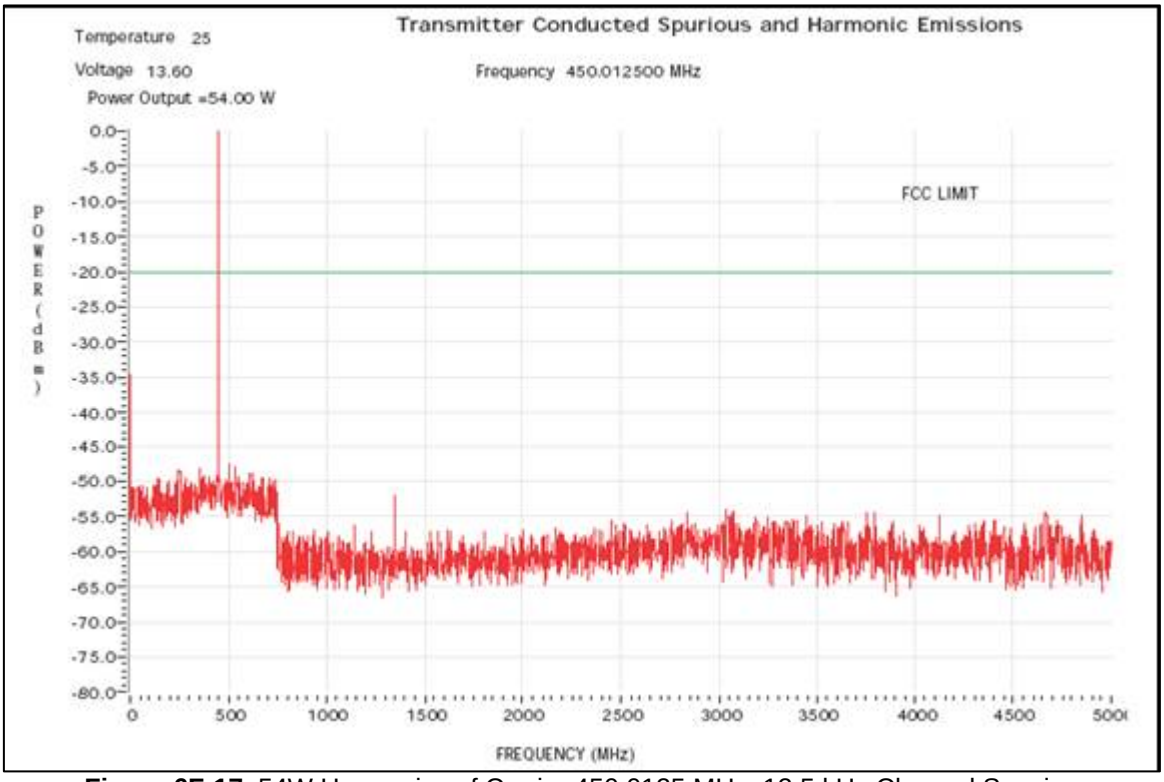


Figure 6F-17: 54W Harmonics of Carrier 450.0125 MHz, 12.5 kHz Channel Spacing

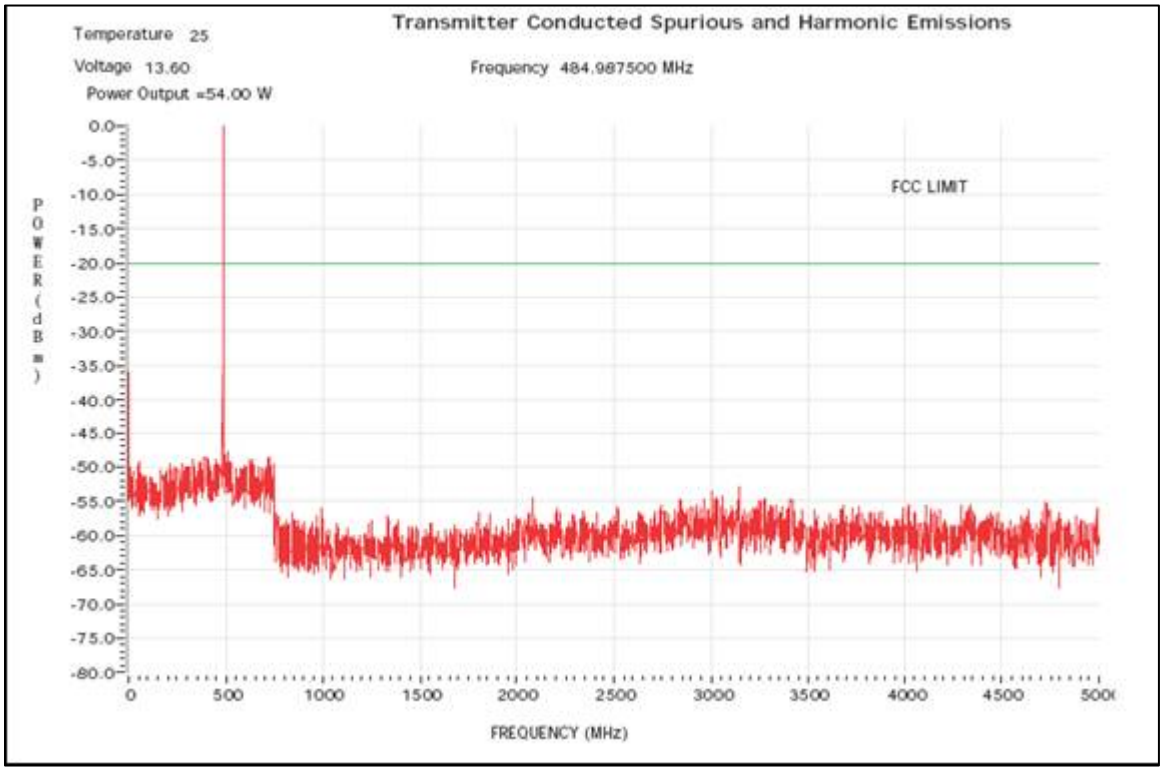


Figure 6F-18: 54W Harmonics of Carrier 484.9875 MHz, 12.5 kHz Channel Spacing

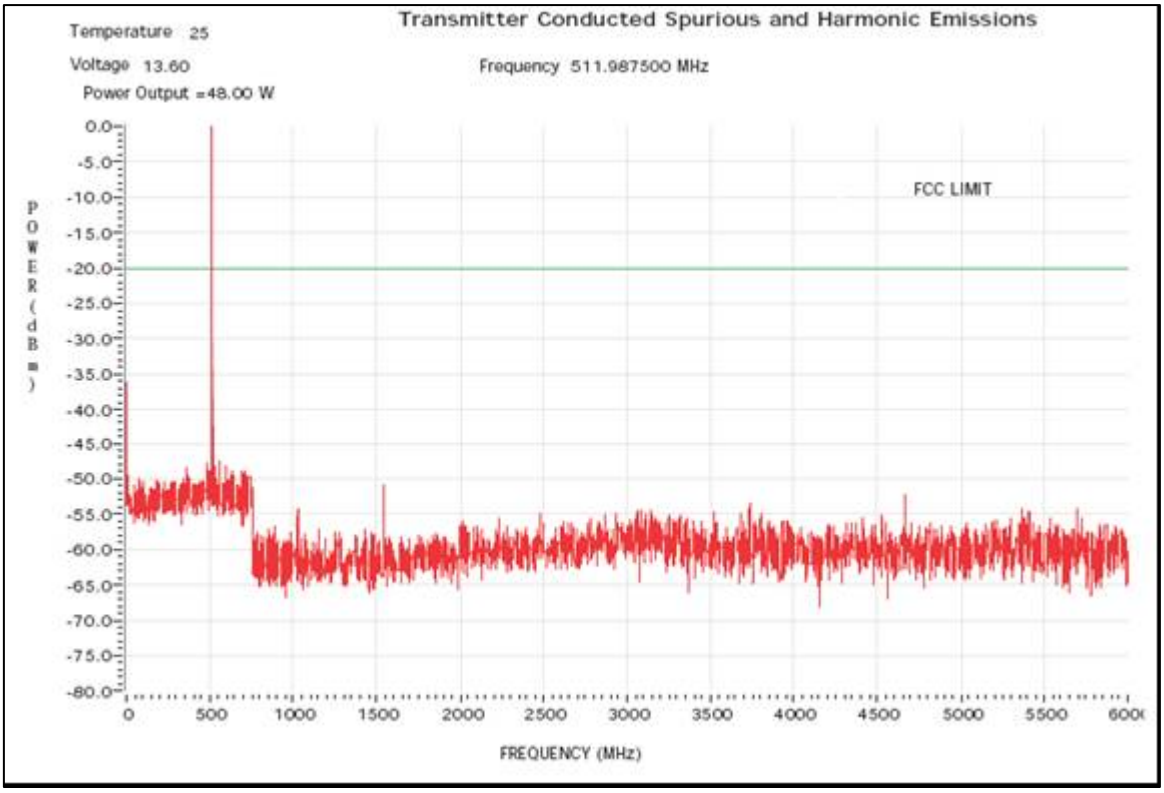


Figure 6F-19: 48W Harmonics of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing

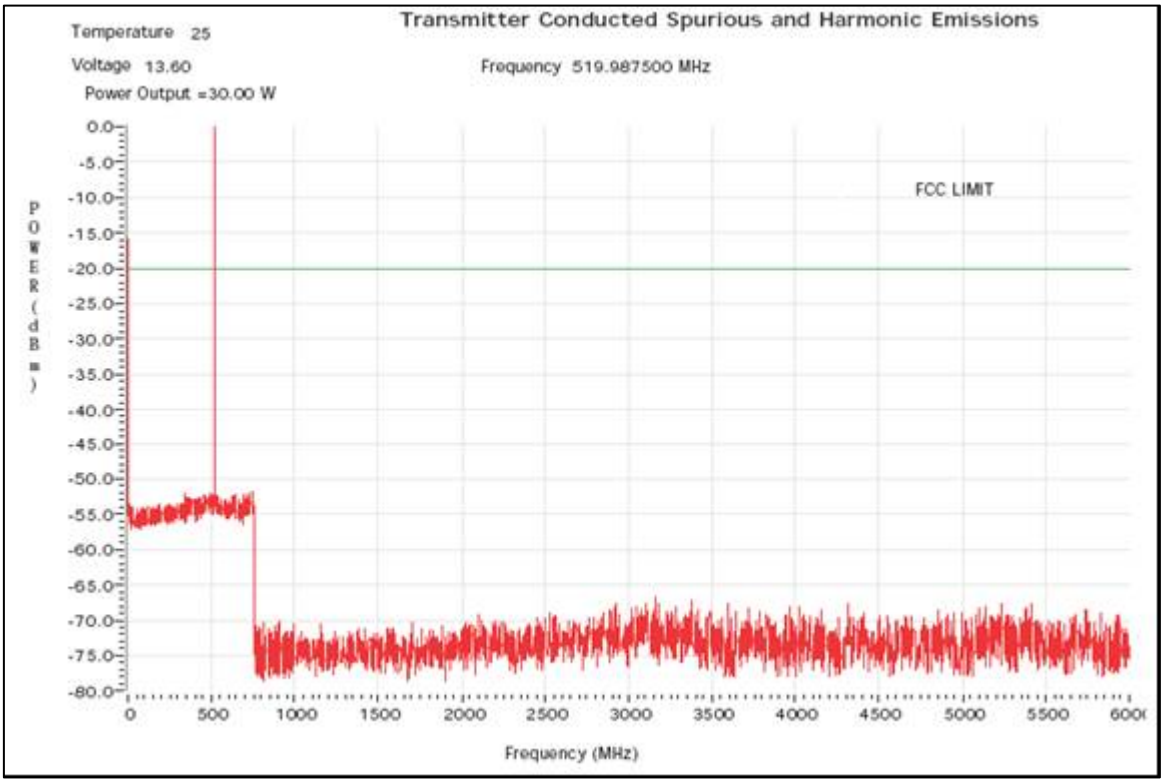


Figure 6F-20: 30W Harmonics of Carrier 519.9875 MHz, 12.5 kHz Channel Spacing

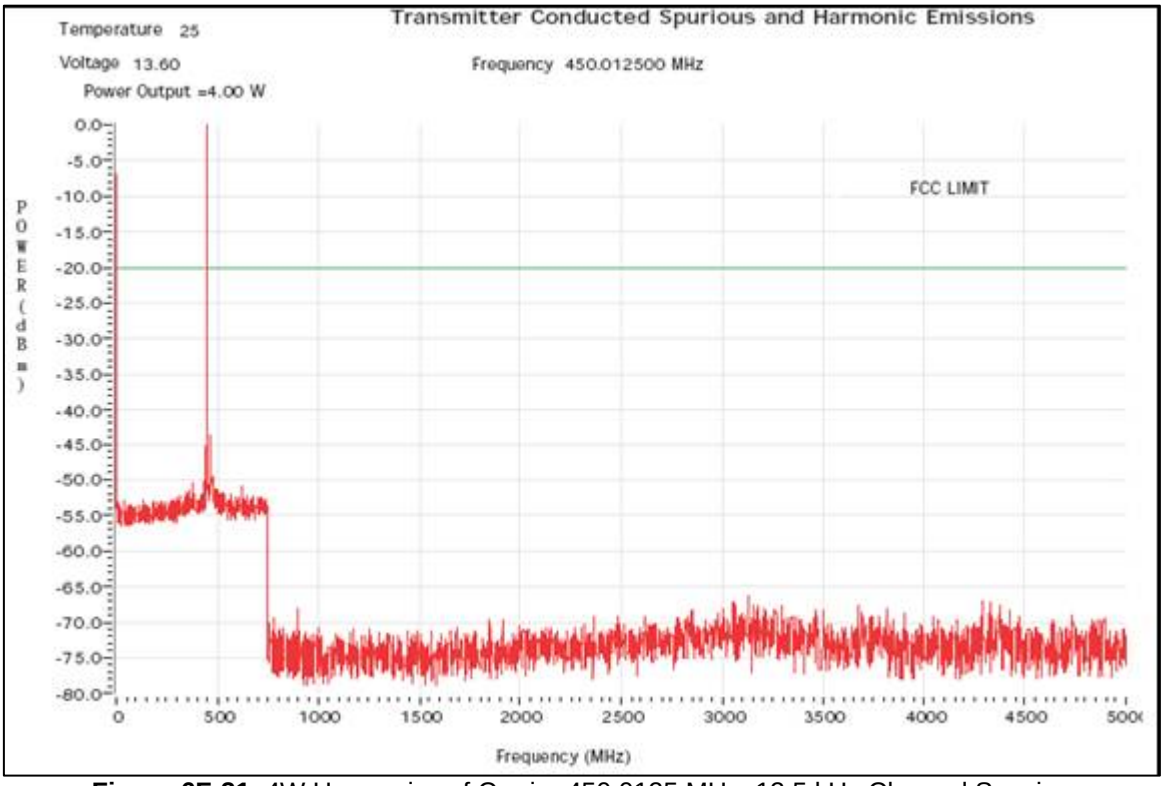


Figure 6F-21: 4W Harmonics of Carrier 450.0125 MHz, 12.5 kHz Channel Spacing

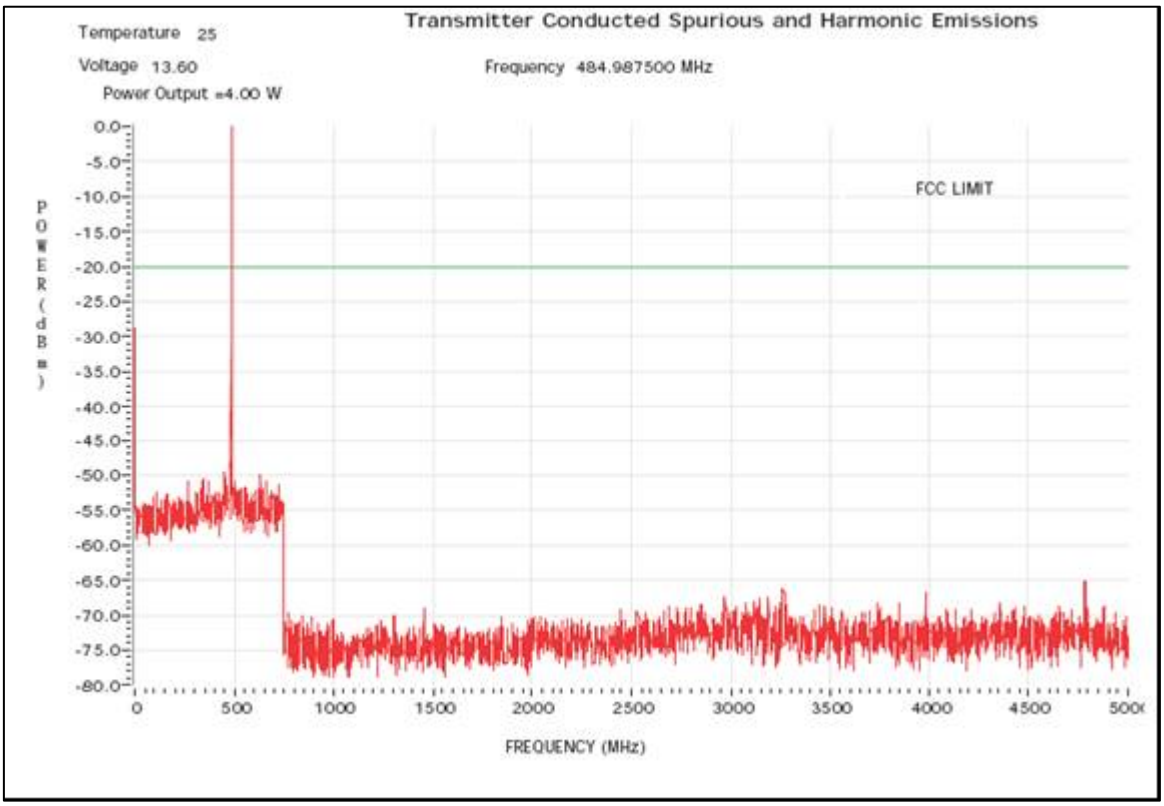


Figure 6F-22: 4W Harmonics of Carrier 484.9875 MHz, 12.5 kHz Channel Spacing

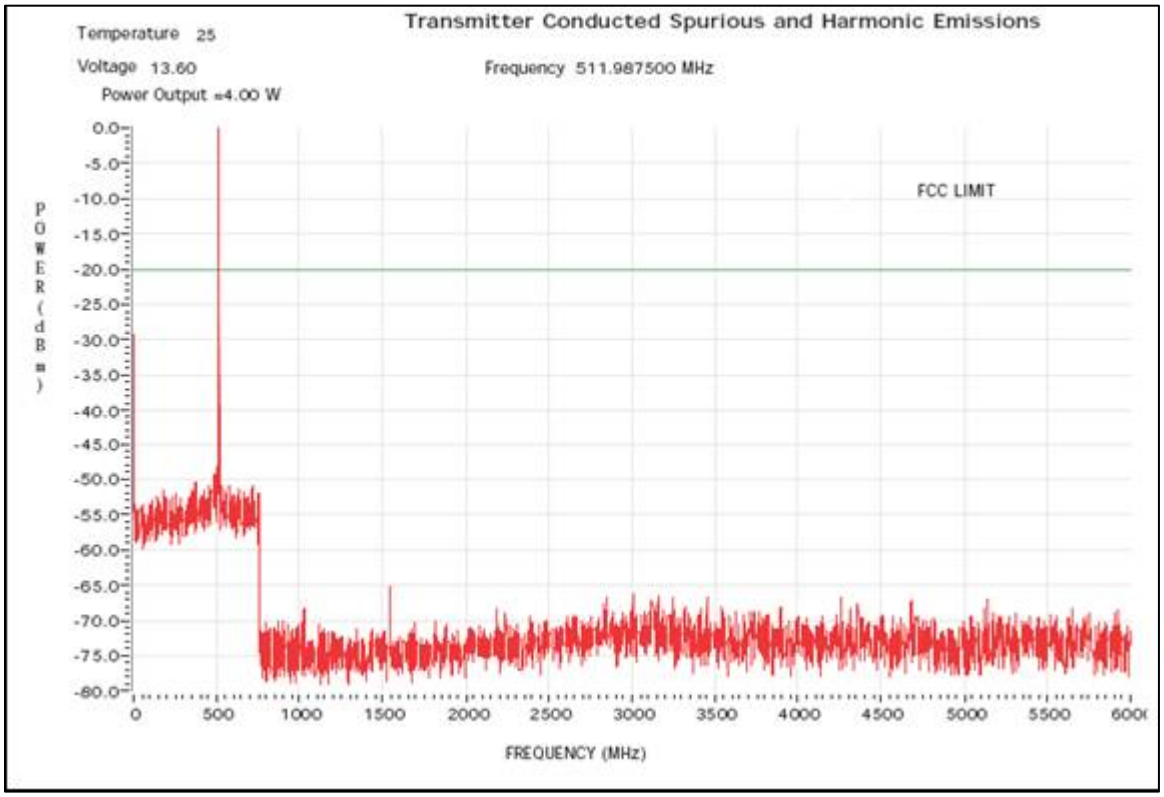


Figure 6F-23: 4W Harmonics of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing

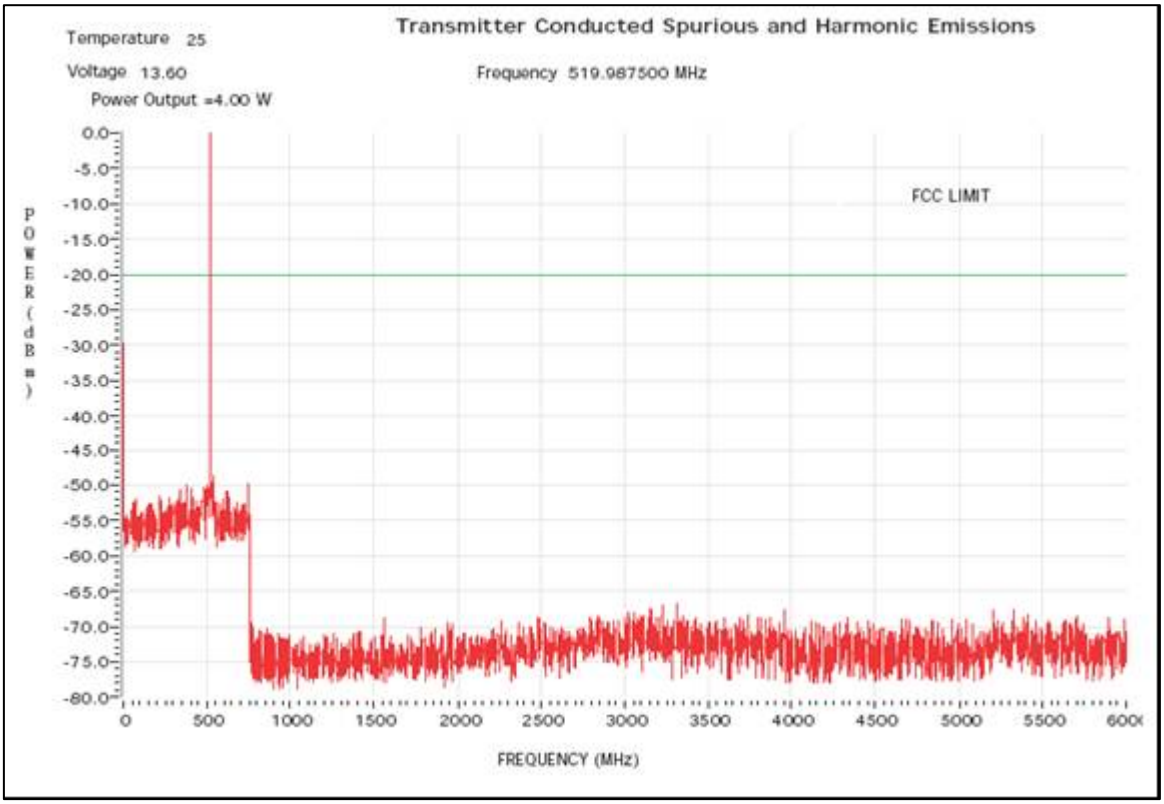


Figure 6F-24: 4W Harmonics of Carrier 519.9875 MHz, 12.5 kHz Channel Spacing

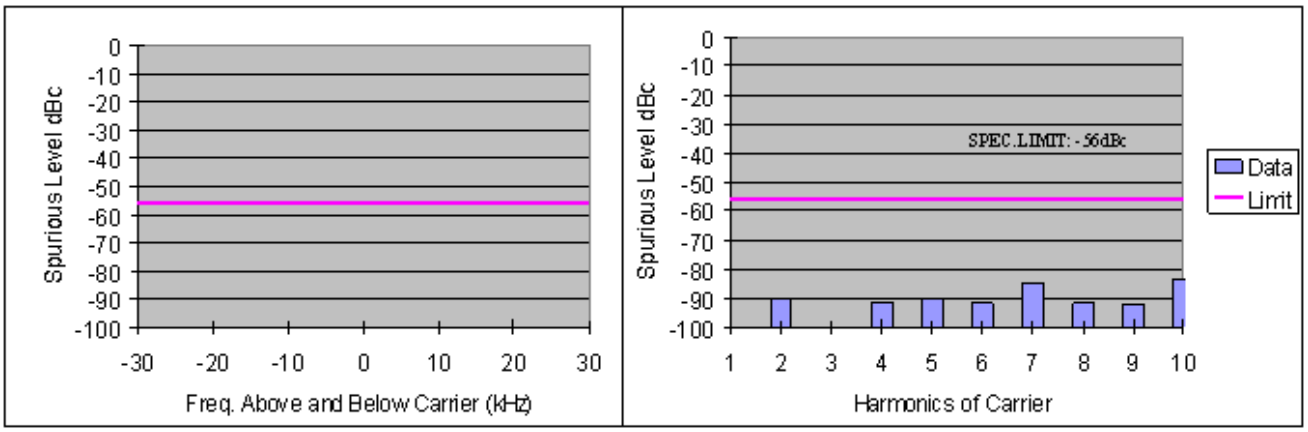


Figure 6F-25: 4W Harmonic of Carrier 380.0125 MHz

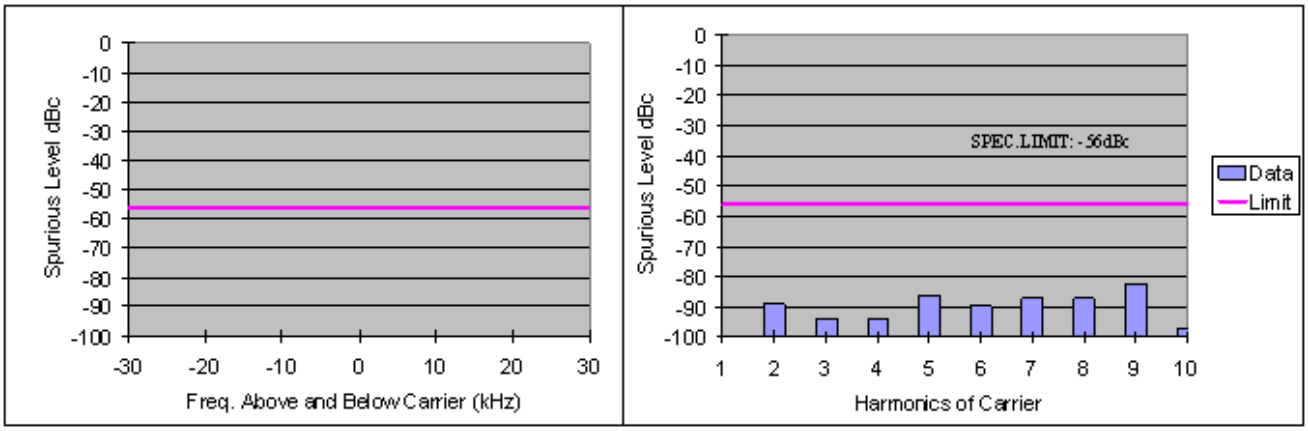


Figure 6F-26: 4W Harmonic of Carrier 406.2 MHz

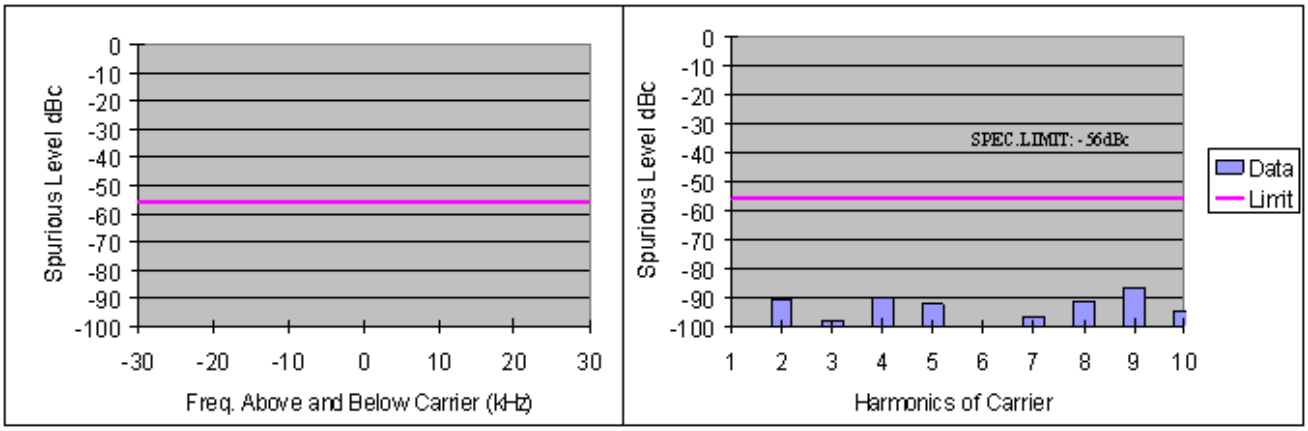


Figure 6F-27: 4W Harmonic of Carrier 425.0125 MHz

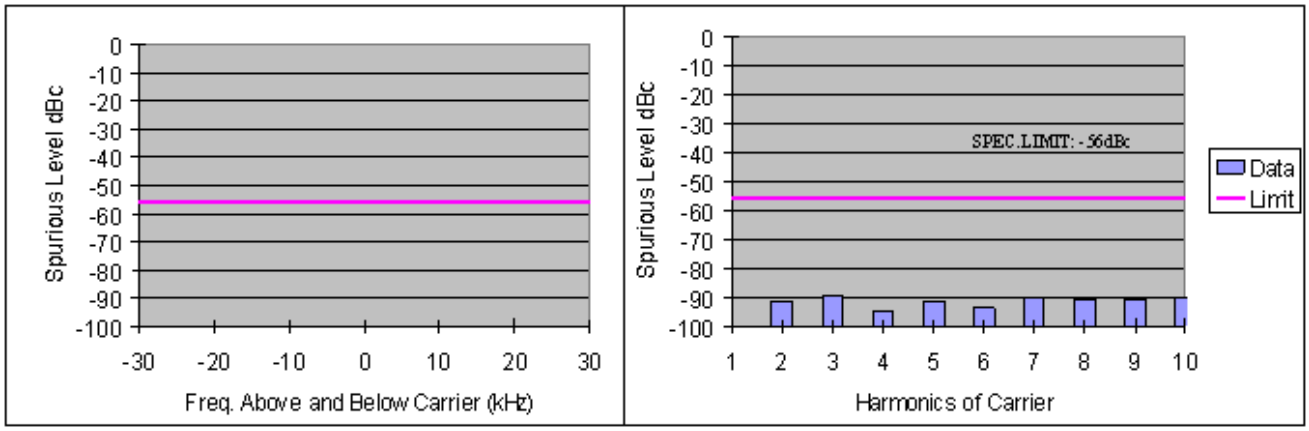


Figure 6F-28: 4W Harmonic of Carrier 469.9875 MHz

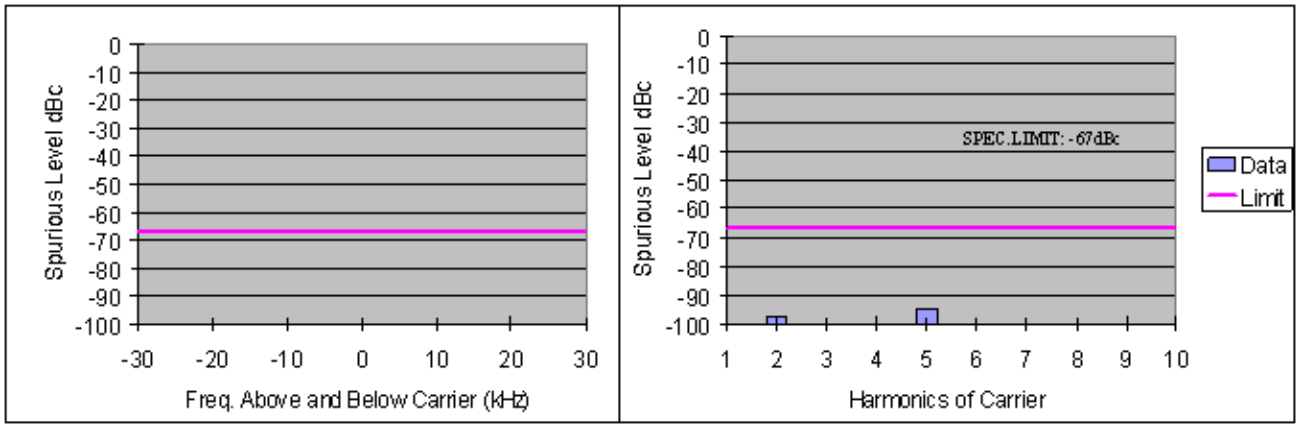


Figure 6F-29: 48W Harmonic of Carrier 380.0125 MHz

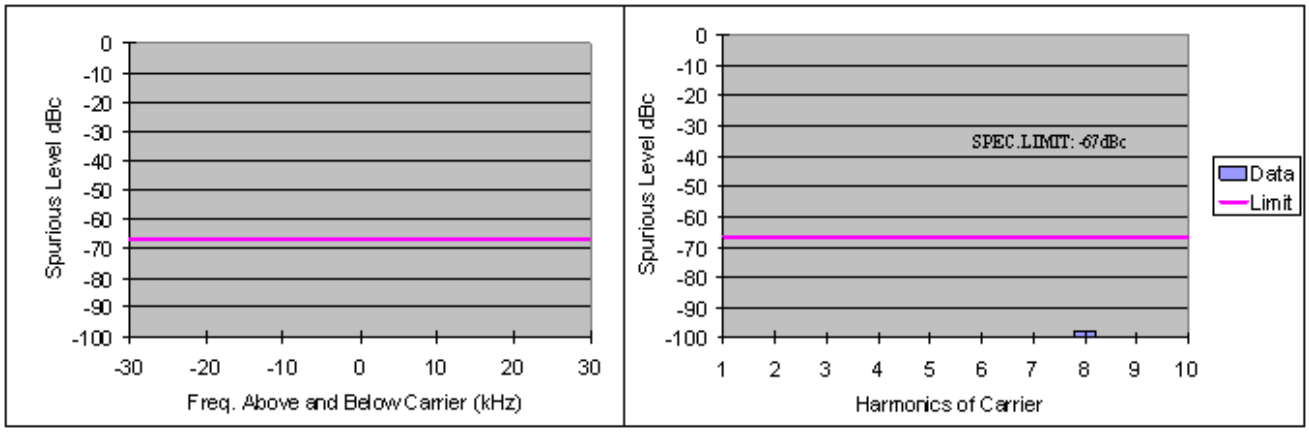


Figure 6F-30: 48W Harmonic of Carrier 406.2 MHz

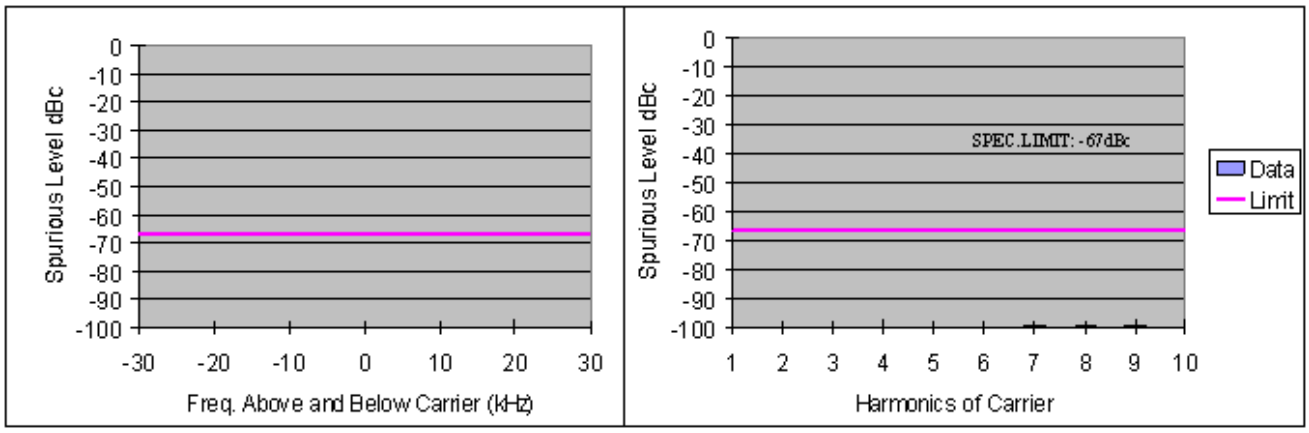


Figure 6F-31: 48W Harmonic of Carrier 425.0125 MHz

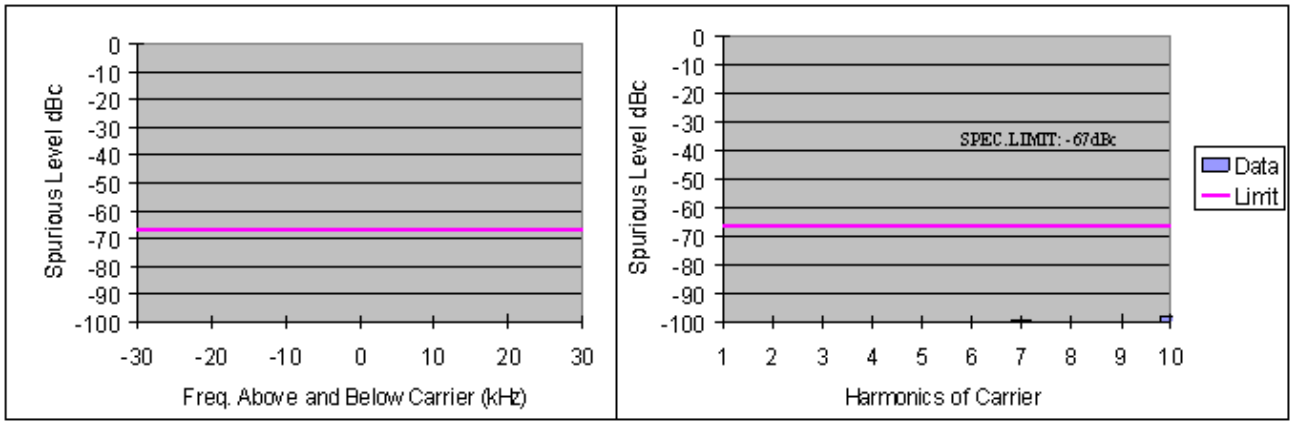


Figure 6F-32: 48W Harmonic of Carrier 469.9875 MHz

TDMA

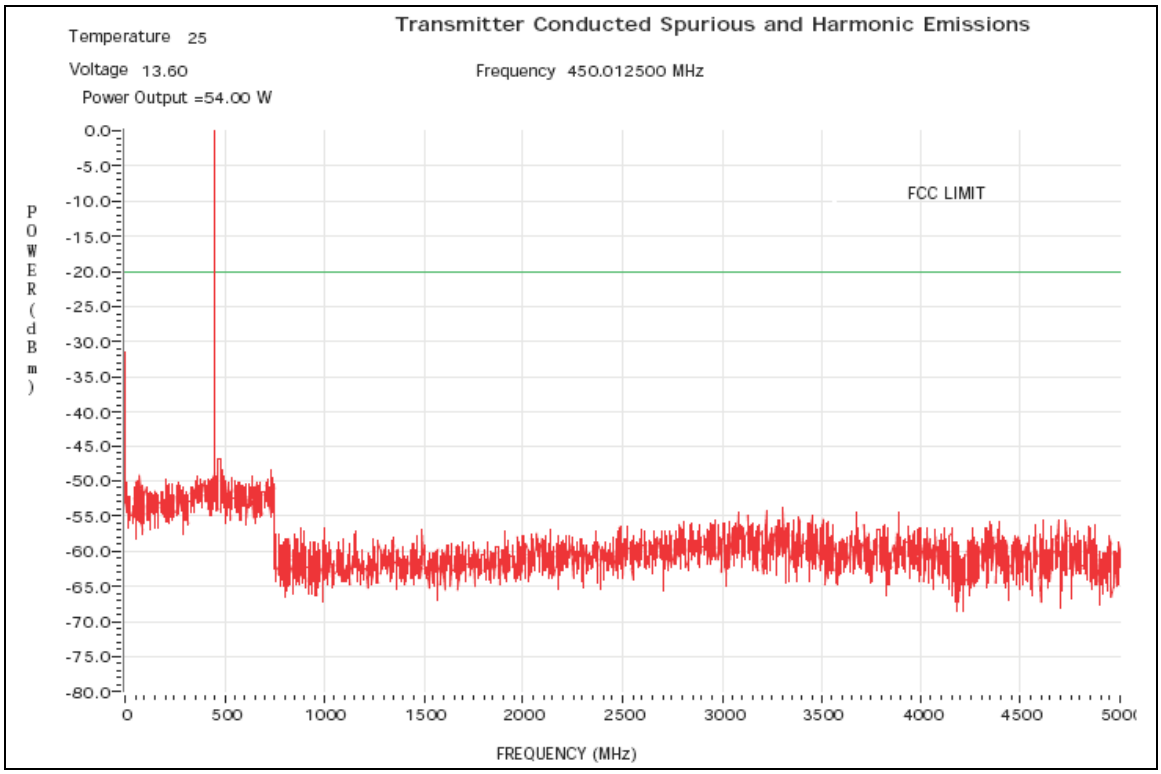


Figure 6F-33: 54W Harmonics of Carrier 450.0125 MHz, 12.5 kHz Channel Spacing

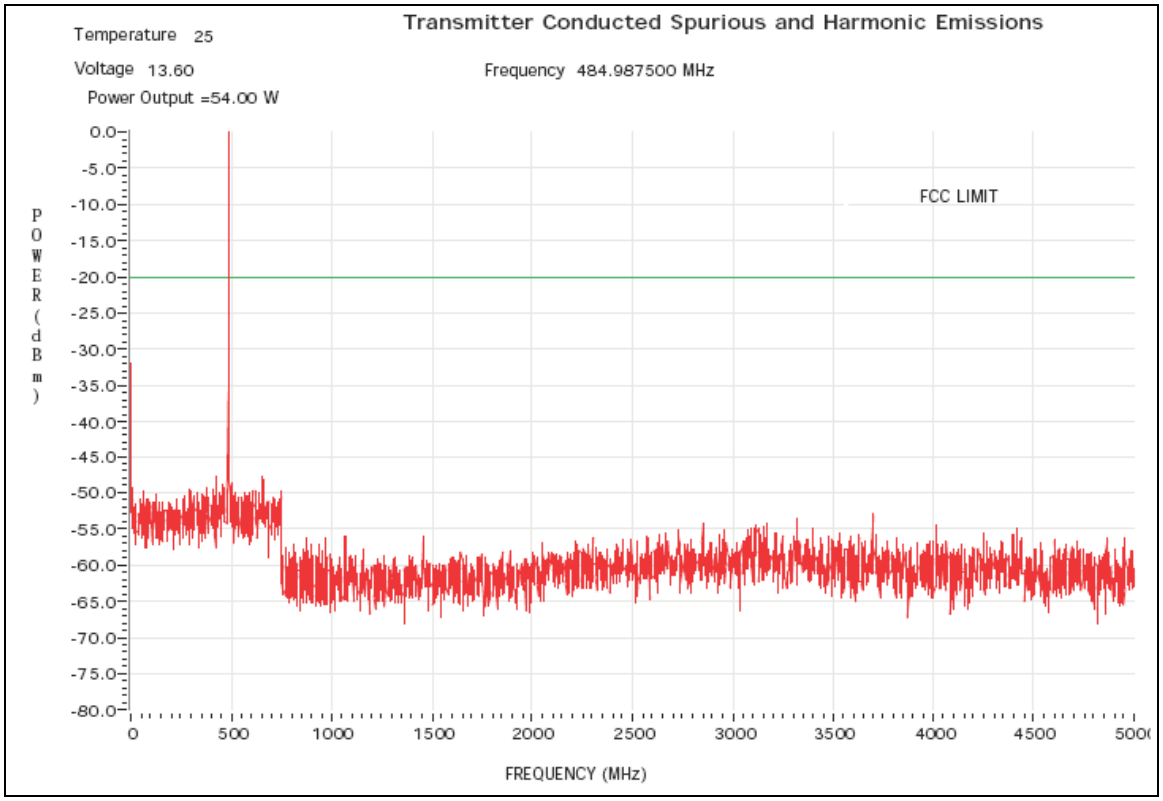


Figure 6F-34: 54W Harmonics of Carrier 484.9875 MHz, 12.5 kHz Channel Spacing

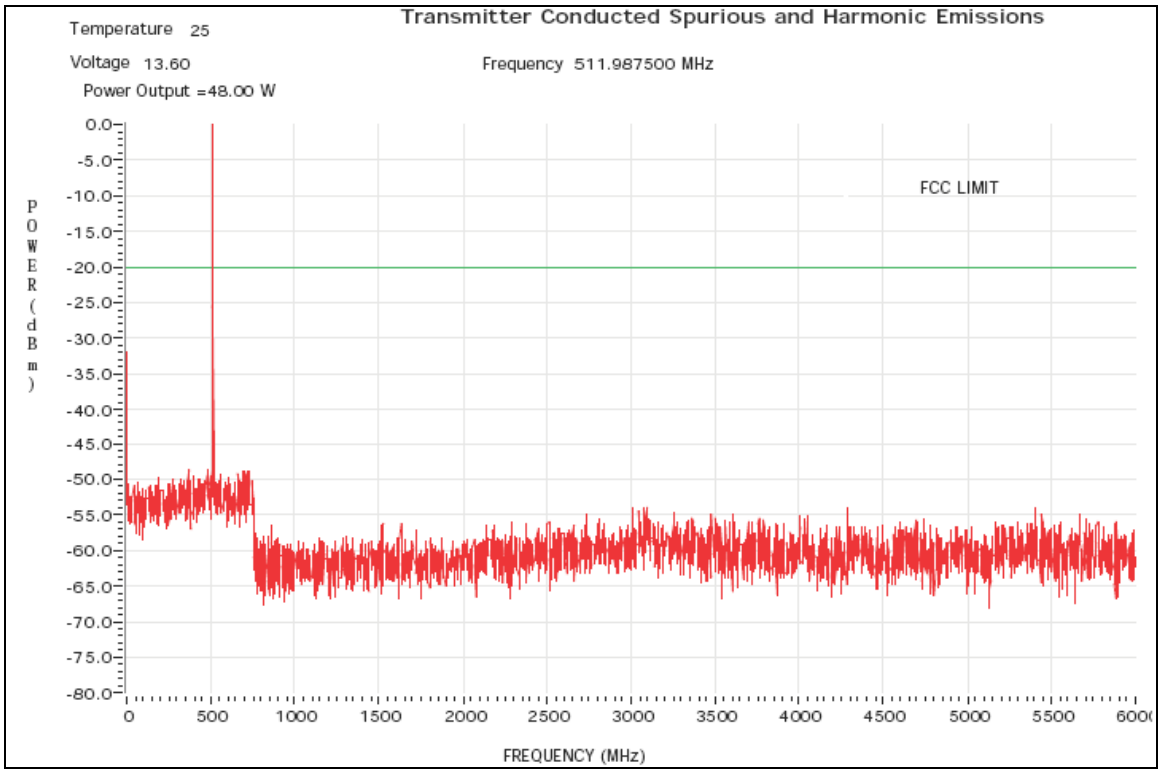


Figure 6F-35: 48W Harmonics of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing

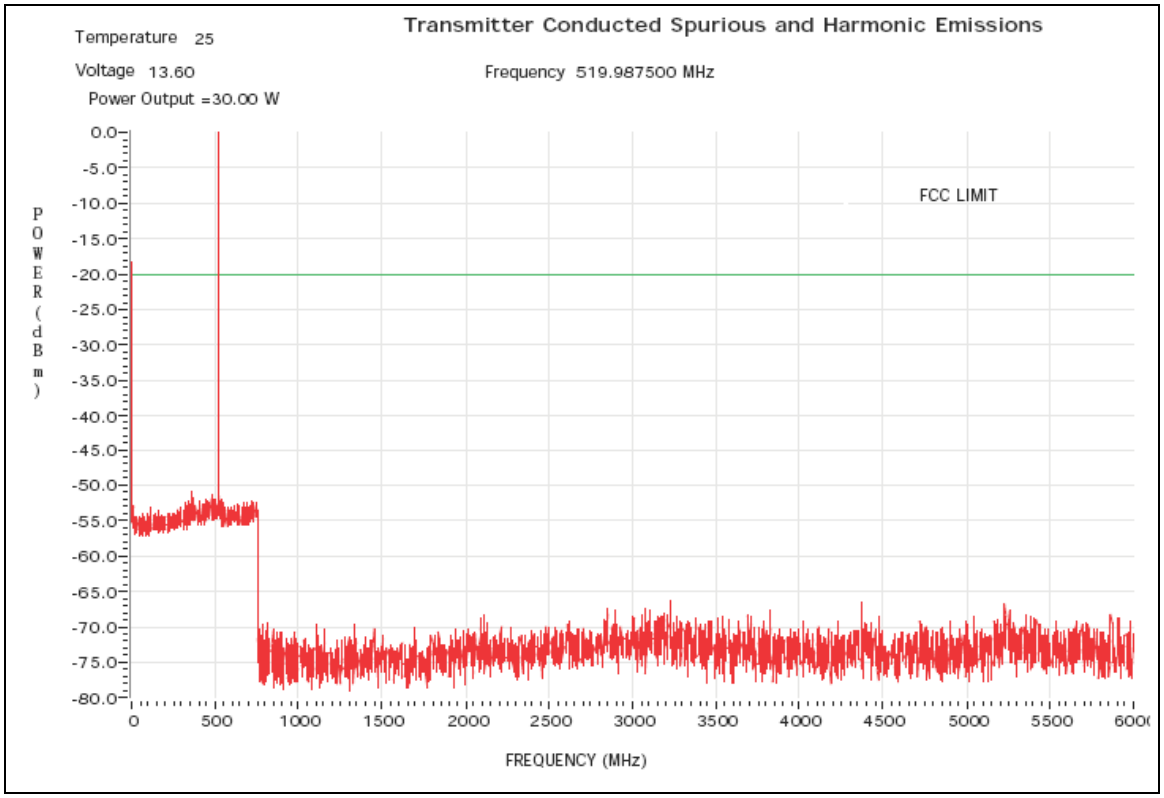


Figure 6F-36: 30W Harmonics of Carrier 519.9875 MHz, 12.5 kHz Channel Spacing

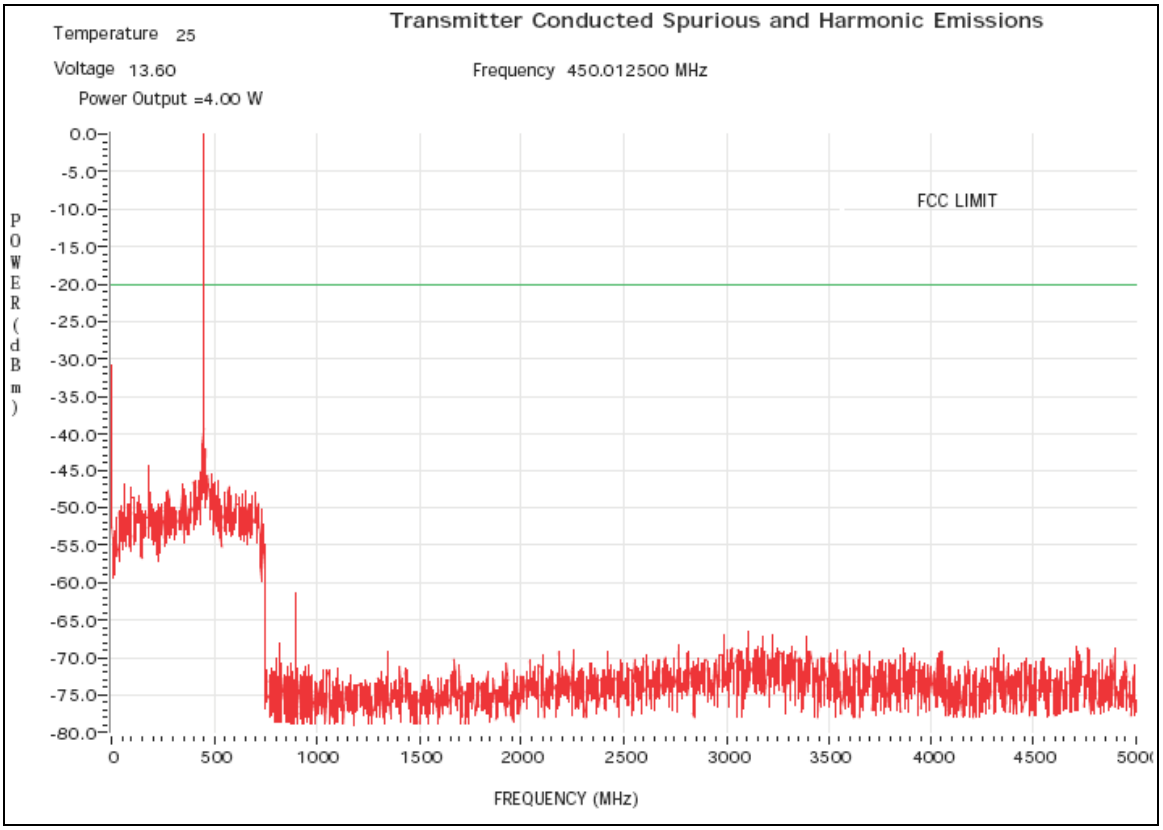


Figure 6F-37: 4W Harmonics of Carrier 450.0125 MHz, 12.5 kHz Channel Spacing

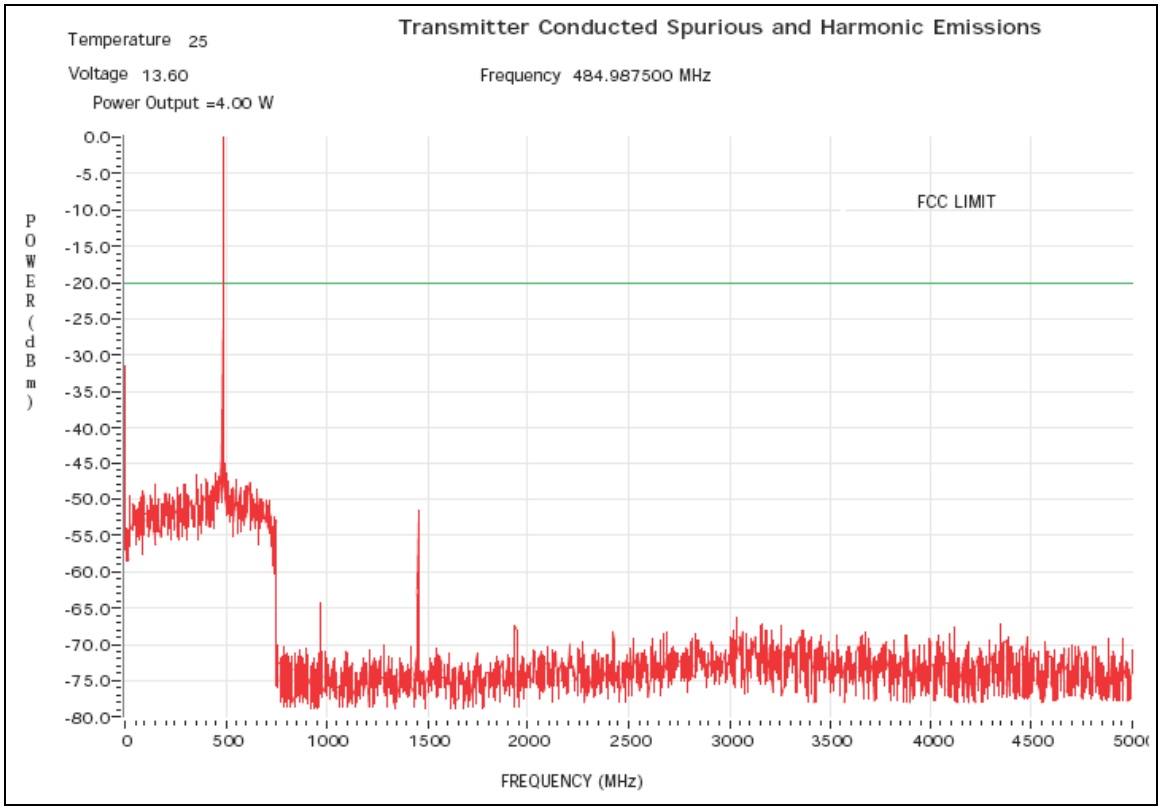


Figure 6F-38: 4W Harmonics of Carrier 484.9875 MHz, 12.5 kHz Channel Spacing

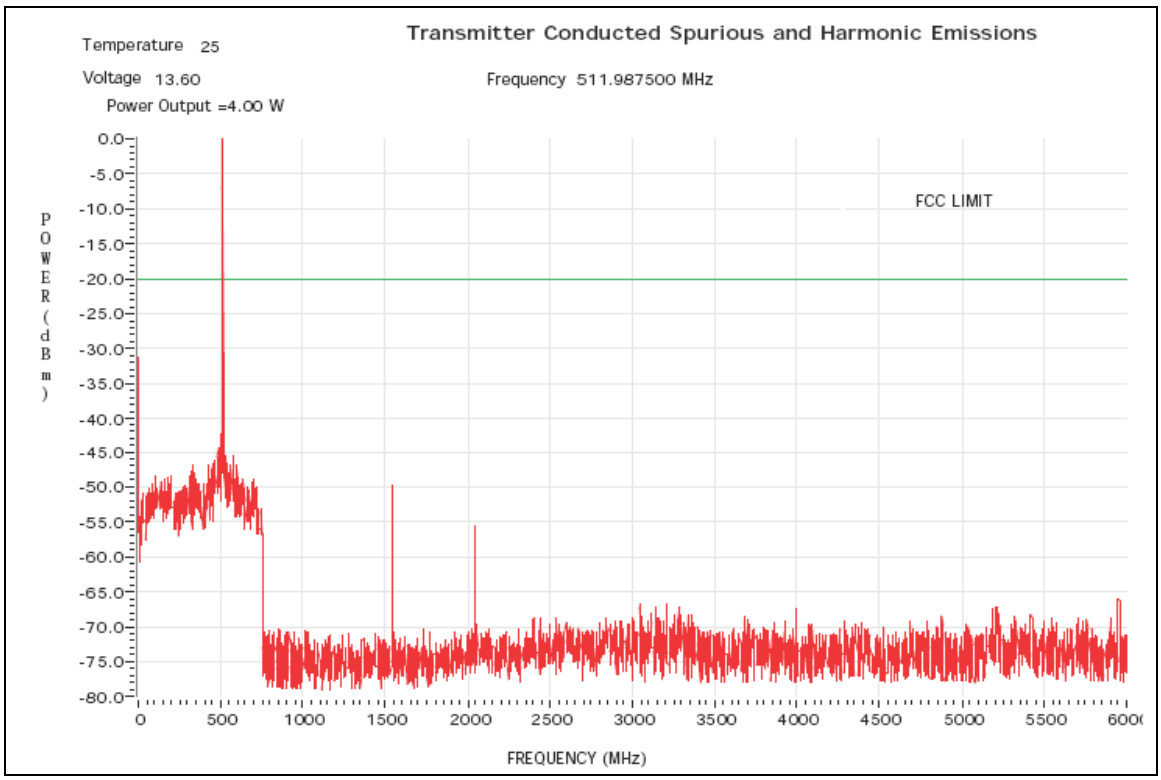


Figure 6F-39: 4W Harmonics of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing

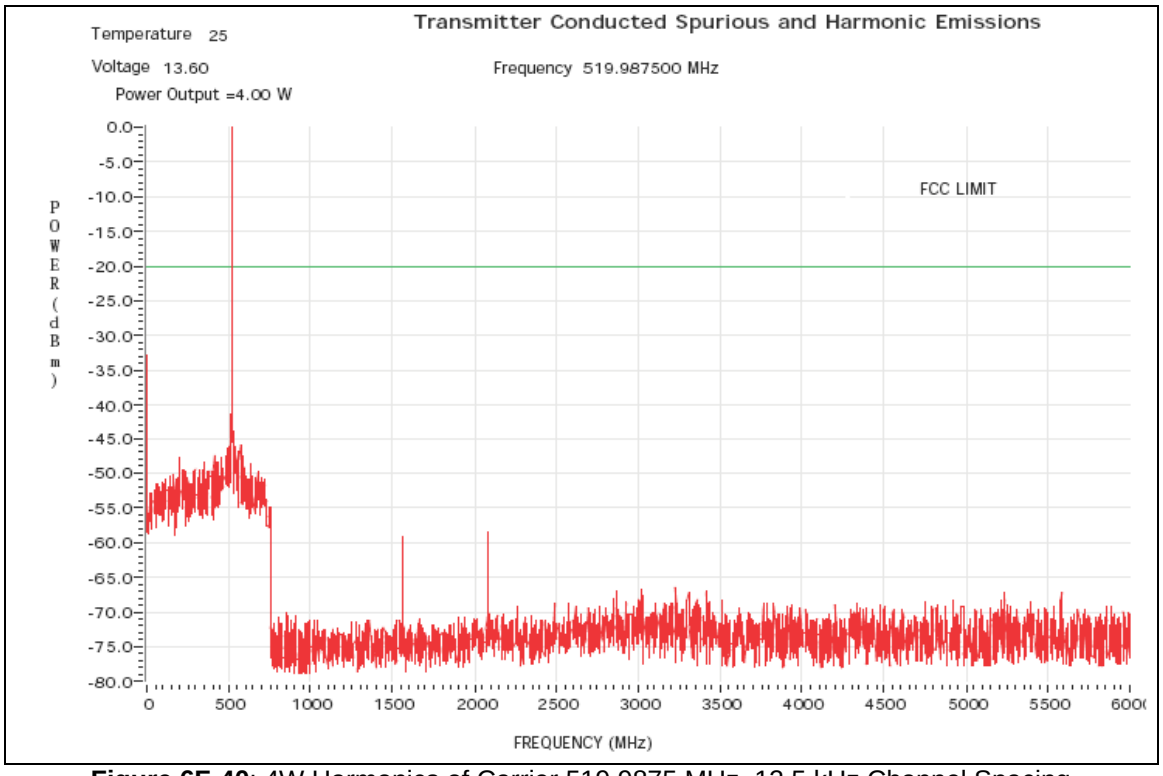


Figure 6F-40: 4W Harmonics of Carrier 519.9875 MHz, 12.5 kHz Channel Spacing

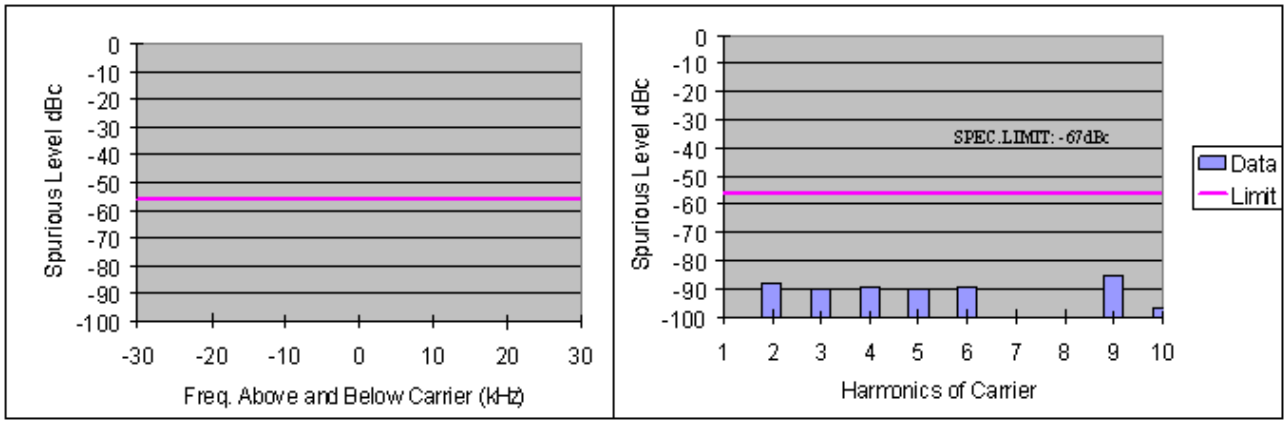


Figure 6F-41: 4W Harmonic of Carrier 380.0125 MHz

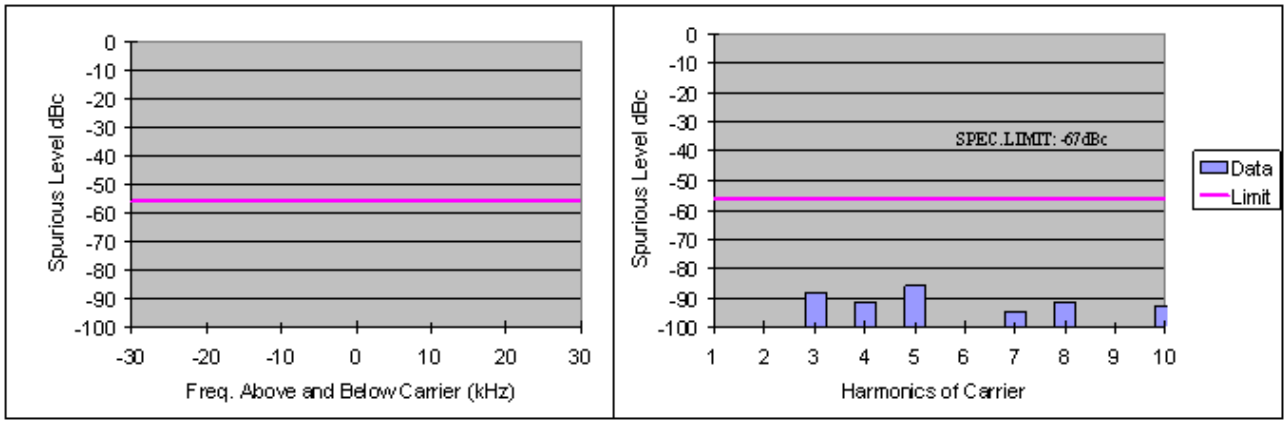


Figure 6F-42: 4W Harmonic of Carrier 406.2 MHz

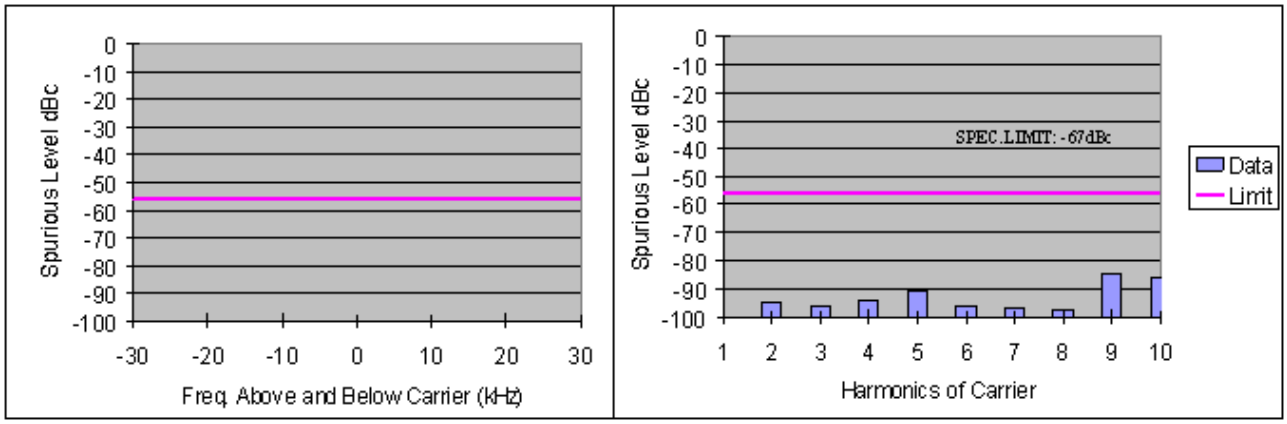


Figure 6F-43: 4W Harmonic of Carrier 425.0125 MHz

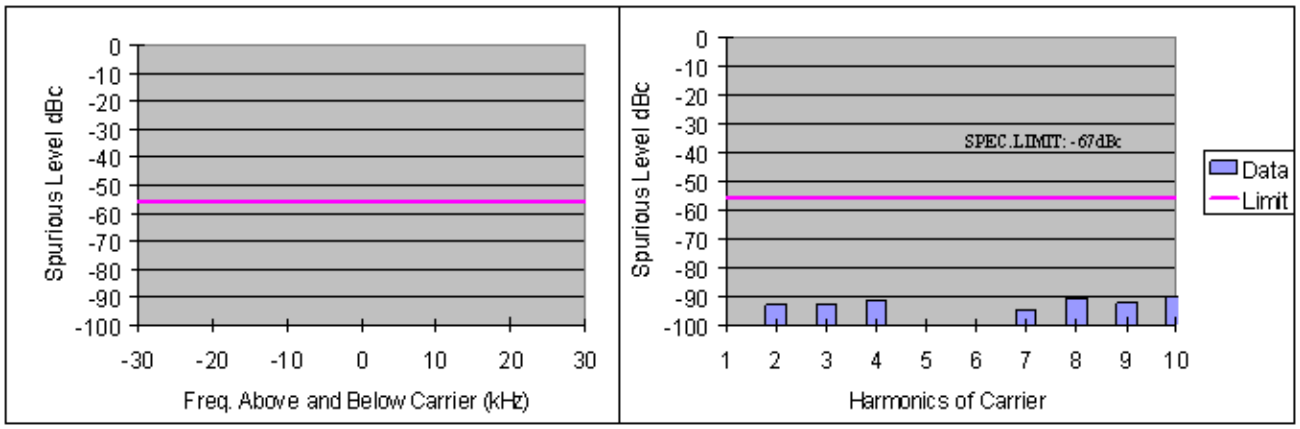


Figure 6F-44: 4W Harmonic of Carrier 469.9875 MHz

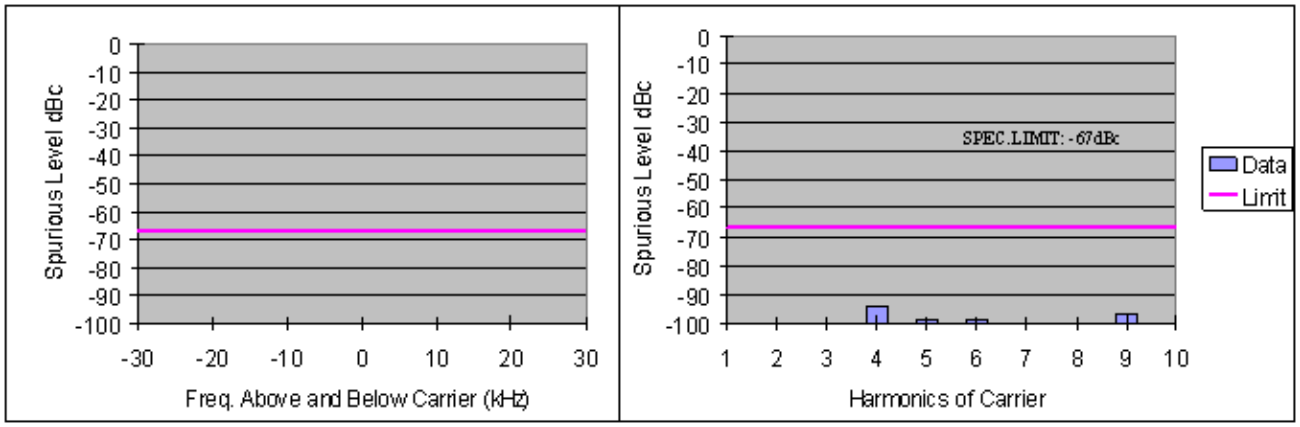


Figure 6F-45: 44W Harmonic of Carrier 380.0125 MHz

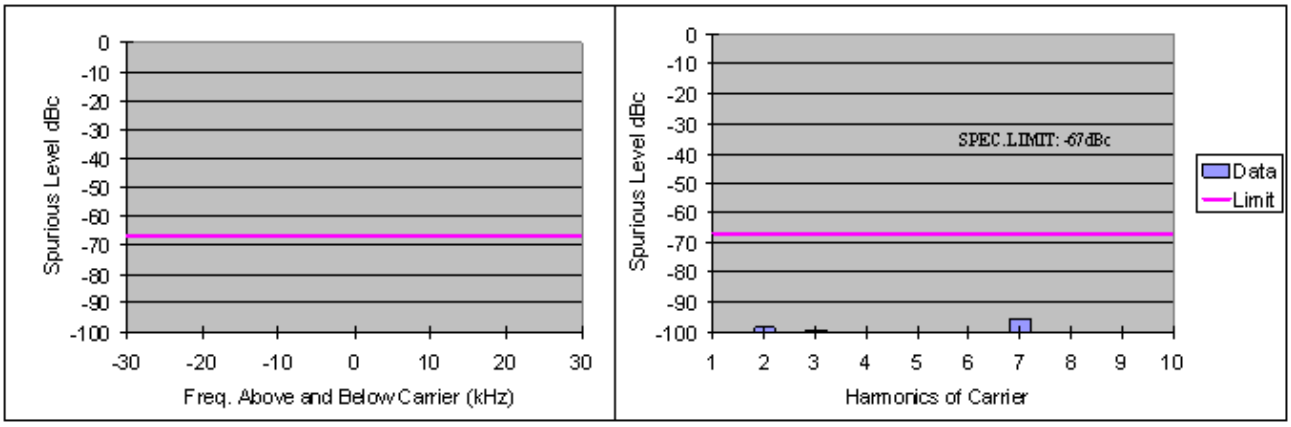


Figure 6F-46: 44W Harmonic of Carrier 406.2 MHz

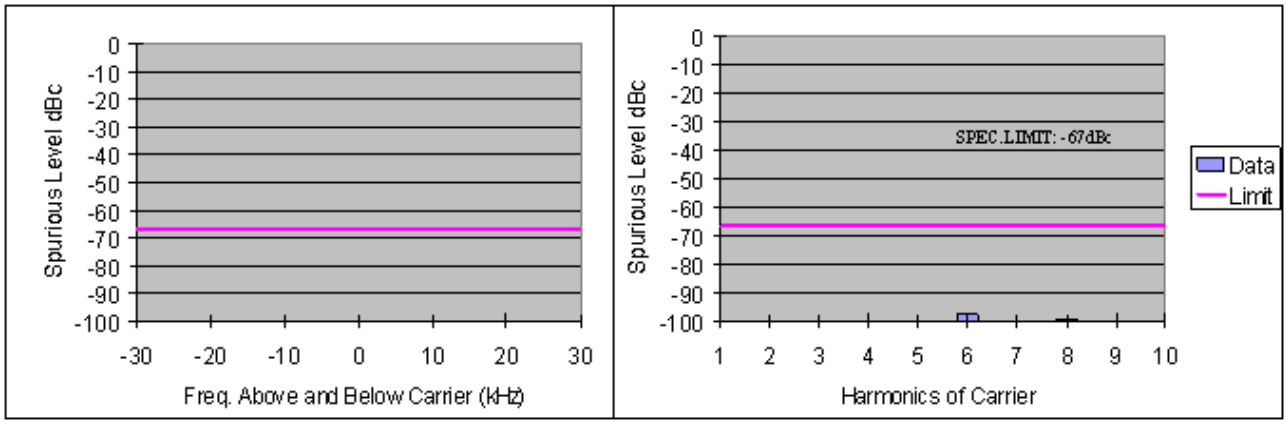


Figure 6F-47: 44W Harmonic of Carrier 425.0125 MHz

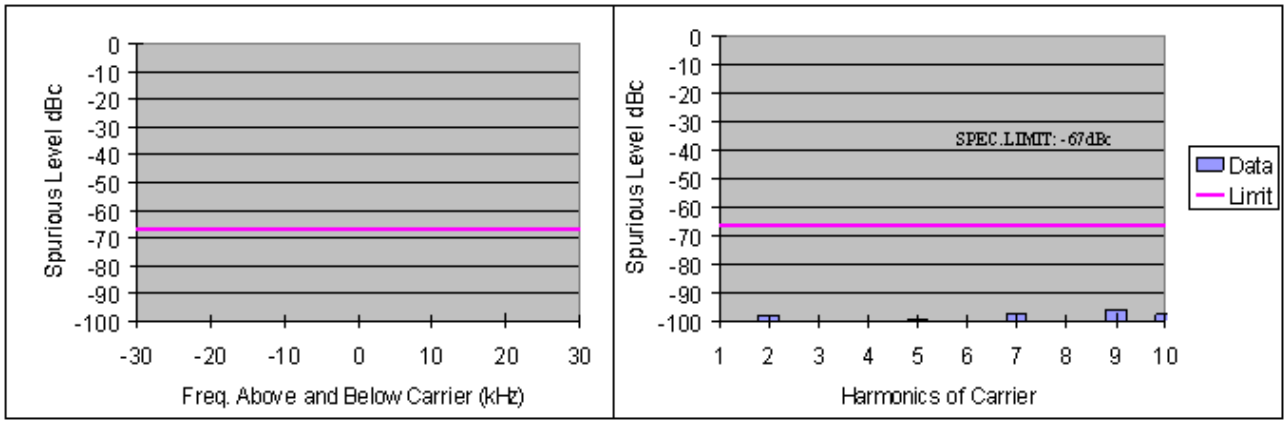


Figure 6F-48: 44W Harmonic of Carrier 469.9875 MHz

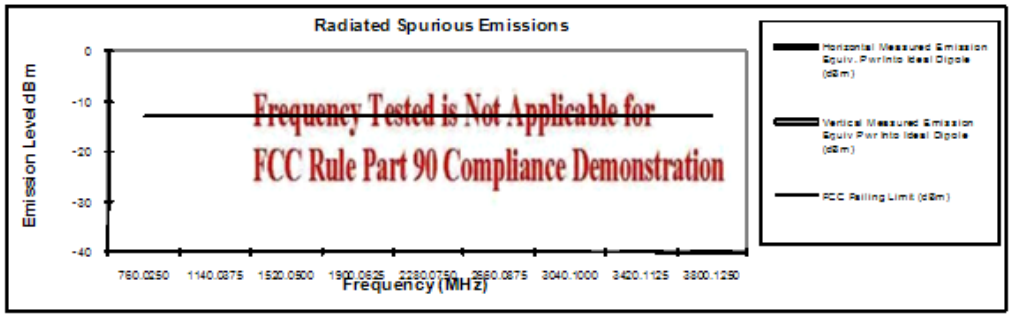
EXHIBIT 6G
Radiated Spurious Emissions - Pursuant 47 CFR 2.1051 and 2.1033(c) (13)

Analog Mode

Motorola Solutions FCC ID:AZ492FT4904

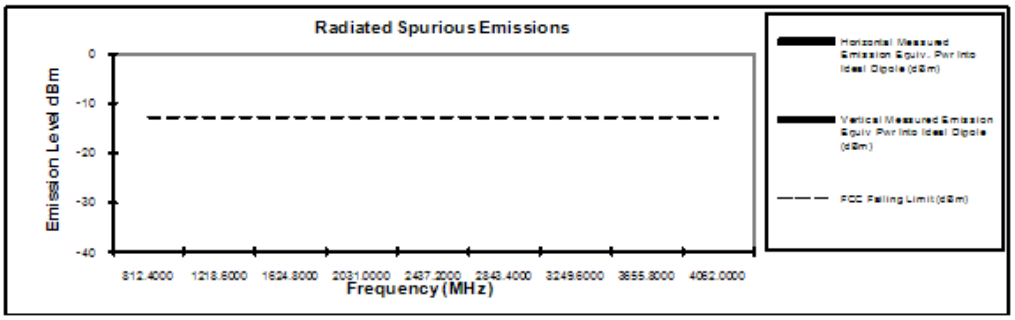
Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG
Tx Power: 48 Watts
380.0125 MHz Channel Spacing 25kHz | S/N CAI110L34J

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
760.0250	-13	*	*
1140.0375	-13	*	*
1520.0500	-13	*	*
1900.0625	-13	*	*
2280.0750	-13	*	*
2660.0875	-13	*	*
3040.1000	-13	*	*
3420.1125	-13	*	*
3800.1250	-13	*	*



Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG
Tx Power: 48 Watts
406.2 MHz Channel Spacing 25kHz | S/N CAI110L34J

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
812.4000	-13	*	*
1218.6000	-13	*	*
1624.8000	-13	*	*
2031.0000	-13	*	*
2437.2000	-13	*	*
2843.4000	-13	*	*
3249.6000	-13	*	*
3655.8000	-13	*	*
4062.0000	-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: Andy Gessner September 19, 2011
FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-1: 48W, 380.0125 & 406.2 MHz, 25 kHz Channel Spacing (Not for FCC Review)

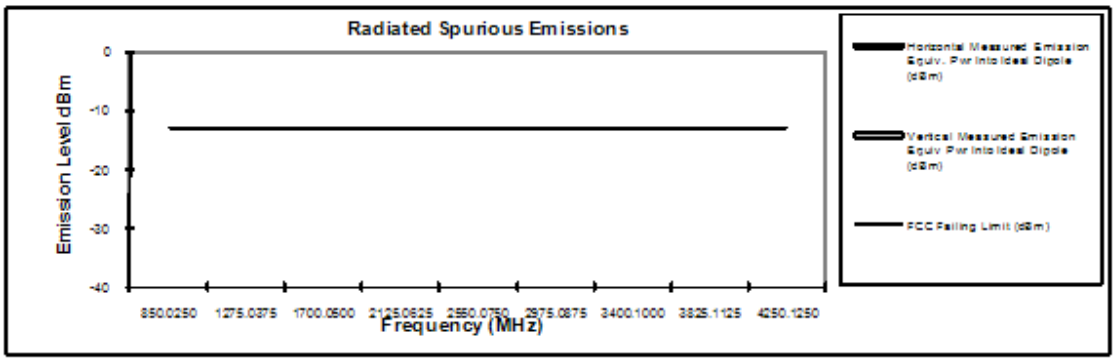
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 48 Watts

425.0125 MHz **Channel Spacing 25kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
850.0250	-13	*	*
1275.0375	-13	*	*
1700.0500	-13	*	*
2125.0625	-13	*	*
2550.0750	-13	*	*
2975.0875	-13	*	*
3400.1000	-13	*	*
3825.1125	-13	*	*
4250.1250	-13	*	*

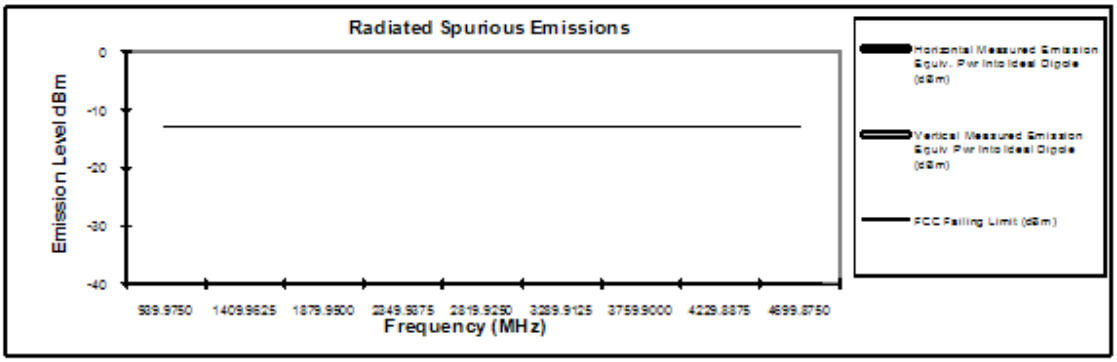


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 48 Watts

469.9875 MHz **Channel Spacing 25kHz | S/N CAI110L34J**

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: Andy Gessner **September 19, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-2: 48W, 425.0125 & 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

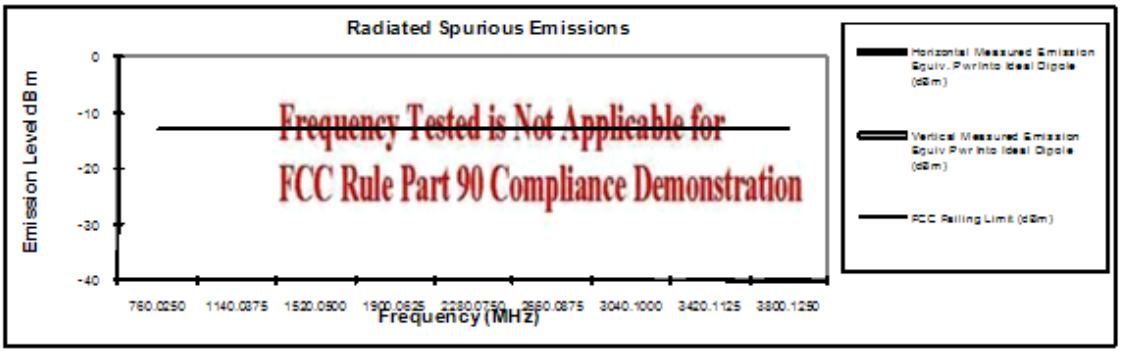
Motorola Solutions FCC ID:AZ492FT4904

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 4 Watts

380.0125 MHz Channel Spacing 25kHz | S/N CAI110L34J

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
760.0250	-13	*	*
1140.0375	-13	*	*
1520.0500	-13	*	*
1900.0625	-13	*	*
2280.0750	-13	*	*
2660.0875	-13	*	*
3040.1000	-13	*	*
3420.1125	-13	*	*
3800.1250	-13	*	*

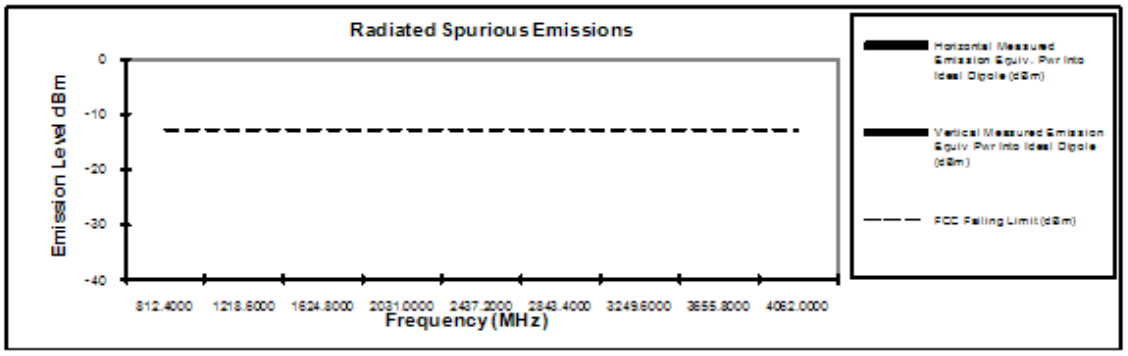


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 4 Watts

406.2 MHz Channel Spacing 25kHz | S/N CAI110L34J

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
812.4000	-13	*	*
1218.6000	-13	*	*
1624.8000	-13	*	*
2031.0000	-13	*	*
2437.2000	-13	*	*
2843.4000	-13	*	*
3249.6000	-13	*	*
3655.8000	-13	*	*
4062.0000	-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: Andy Gessner September 19, 2011

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-3: 4W, 380.0125 & 406.2 MHz, 25 kHz Channel Spacing (Not for FCC Review)

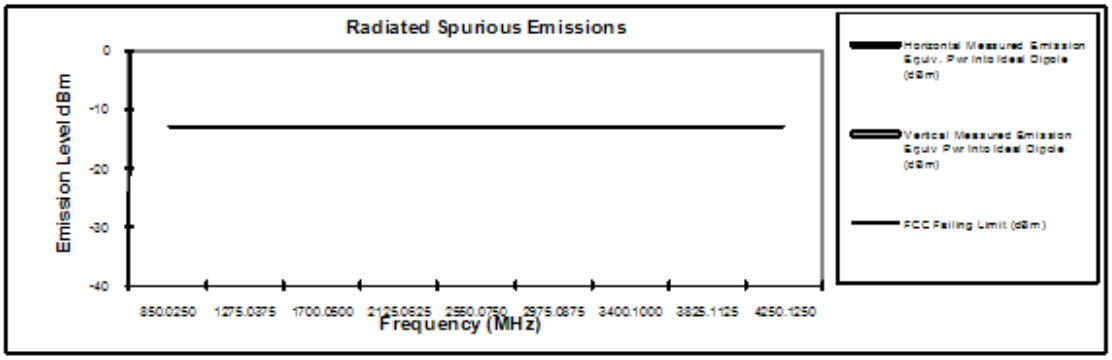
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 4 Watts

425.0125 MHz **Channel Spacing 25kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
850.0250	-13	*	*
1275.0375	-13	*	*
1700.0500	-13	*	*
2125.0625	-13	*	*
2550.0750	-13	*	*
2975.0875	-13	*	*
3400.1000	-13	*	*
3825.1125	-13	*	*
4250.1250	-13	*	*

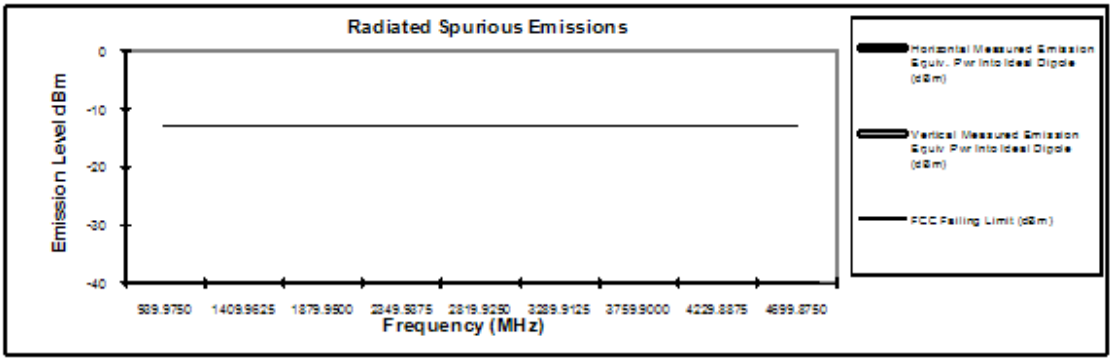


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 4 Watts

469.9875 MHz **Channel Spacing 25kHz | S/N CAI110L34J**

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: Andy Gessner **September 19, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-4: 4W, 425.0125 & 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

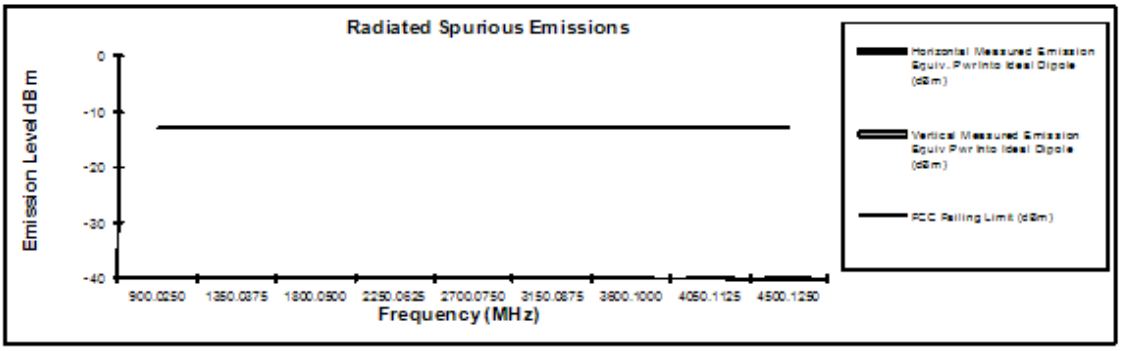
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 54 Watts

450.0125 MHz **Channel Spacing 25kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.0250	-13	*	*
1350.0375	-13	*	*
1800.0500	-13	*	*
2250.0625	-13	*	*
2700.0750	-13	*	*
3150.0875	-13	*	*
3600.1000	-13	*	*
4050.1125	-13	*	*
4500.1250	-13	*	*

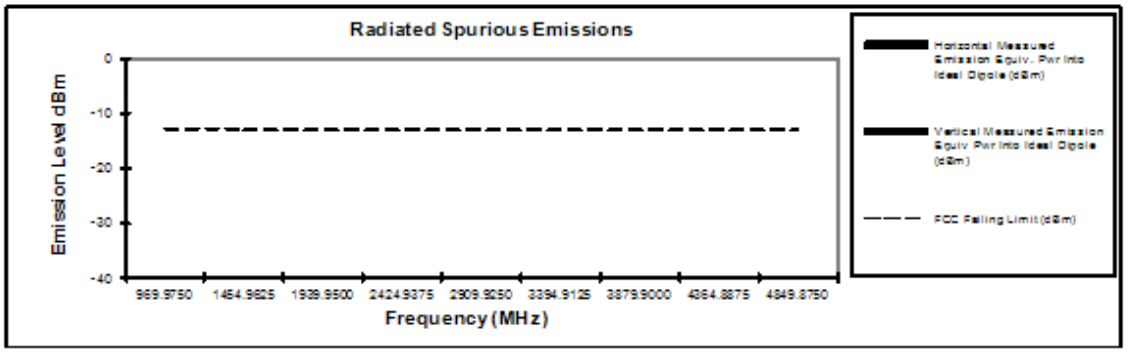


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 54 Watts

484.9875 MHz **Channel Spacing 25kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
969.9750	-13	*	*
1454.9625	-13	*	*
1939.9500	-13	*	*
2424.9375	-13	*	*
2909.9250	-13	*	*
3394.9125	-13	*	*
3879.9000	-13	*	*
4364.8875	-13	*	*
4849.8750	-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: Andy Gessner **October 31, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-5: 54W, 450.0125 & 484.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

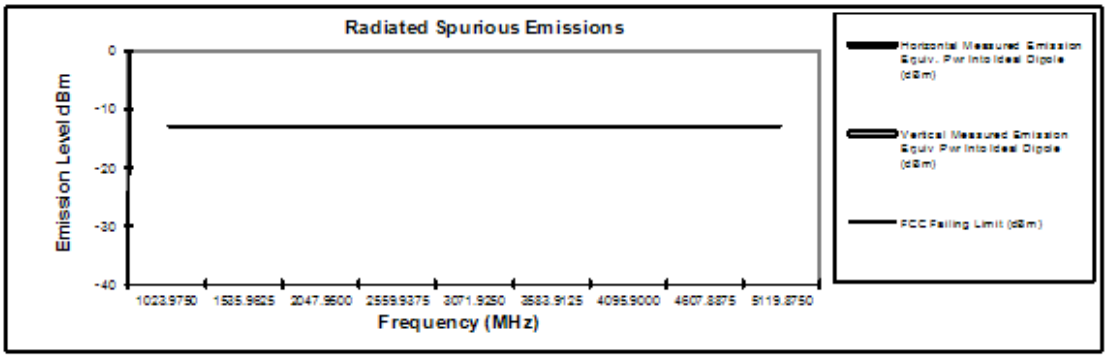
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 48 Watts

511.9875 MHz **Channel Spacing 25kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9750	-13	*	*
1535.9625	-13	*	*
2047.9500	-13	*	*
2559.9375	-13	*	*
3071.9250	-13	*	*
3583.9125	-13	*	*
4095.9000	-13	*	*
4607.8875	-13	*	*
5119.8750	-13	*	*

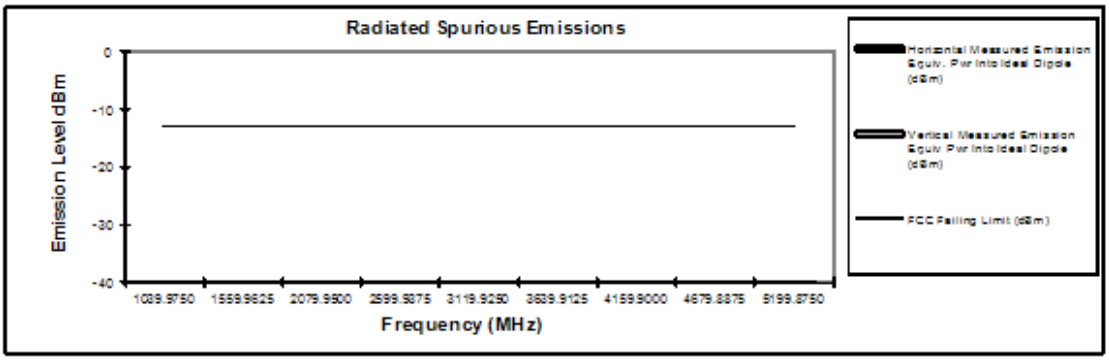


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 30 Watts

519.9875 MHz **Channel Spacing 25kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1039.9750	-13	*	*
1559.9625	-13	*	*
2079.9500	-13	*	*
2599.9375	-13	*	*
3119.9250	-13	*	*
3639.9125	-13	*	*
4159.9000	-13	*	*
4679.8875	-13	*	*
5199.8750	-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: Andy Gessner **October 31, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-6: 48W & 30W, 511.9875 & 519.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

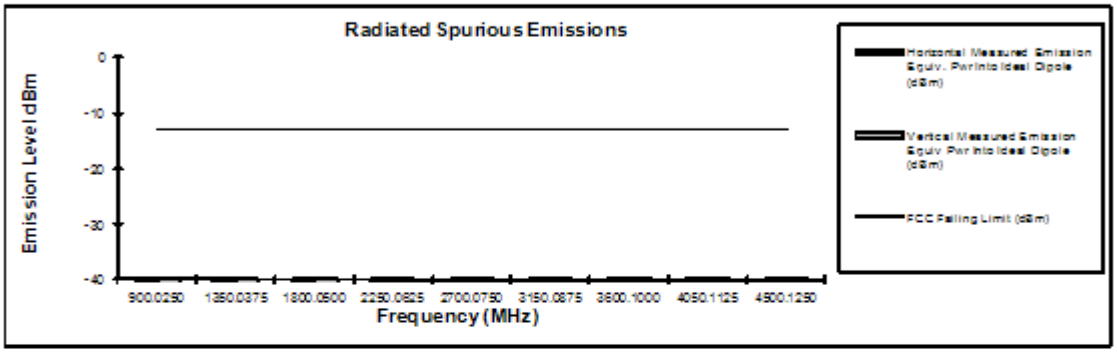
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 4 Watts

450.0125 MHz **Channel Spacing 25kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.0250	-13	*	*
1350.0375	-13	*	*
1800.0500	-13	*	*
2250.0625	-13	*	*
2700.0750	-13	*	*
3150.0875	-13	*	*
3600.1000	-13	*	*
4050.1125	-13	*	*
4500.1250	-13	*	*

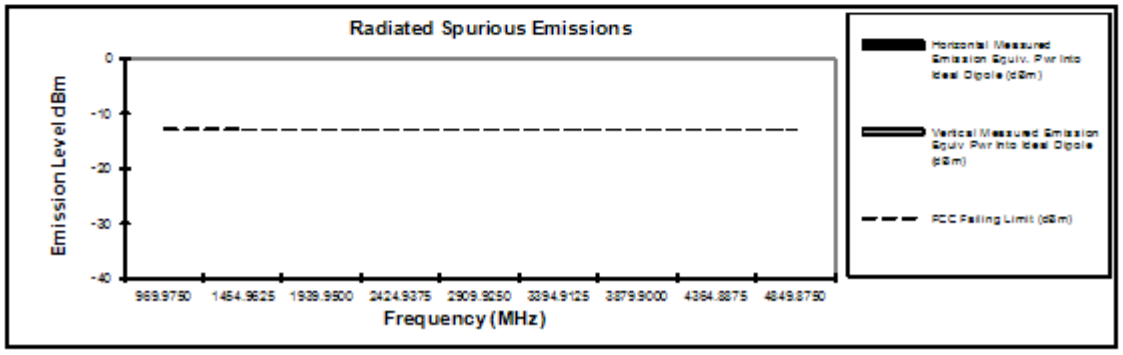


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 4 Watts

484.9875 MHz **Channel Spacing 25kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
969.9750	-13	*	*
1454.9625	-13	*	*
1939.9500	-13	*	*
2424.9375	-13	*	*
2909.9250	-13	*	*
3394.9125	-13	*	*
3879.9000	-13	*	*
4364.8875	-13	*	*
4849.8750	-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: Andy Gessner **October 31, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-7: 4W, 450.0125 & 484.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

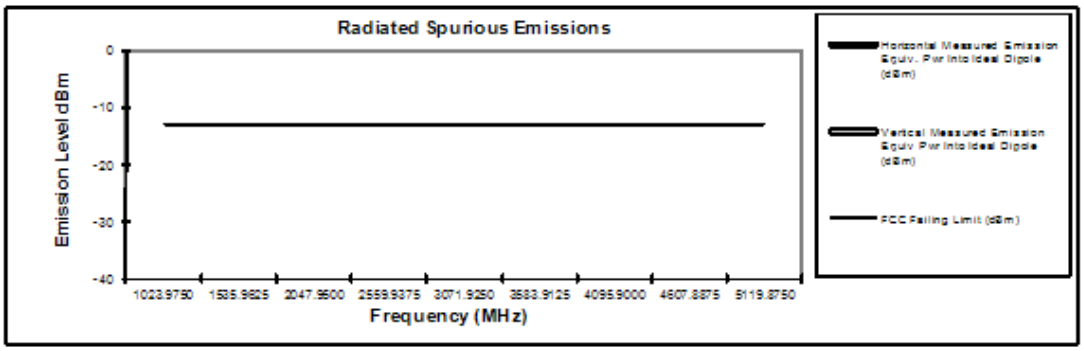
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 4 Watts

511.9875 MHz **Channel Spacing 25kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9750	-13	*	*
1535.9625	-13	*	*
2047.9500	-13	*	*
2559.9375	-13	*	*
3071.9250	-13	*	*
3583.9125	-13	*	*
4095.9000	-13	*	*
4607.8875	-13	*	*
5119.8750	-13	*	*

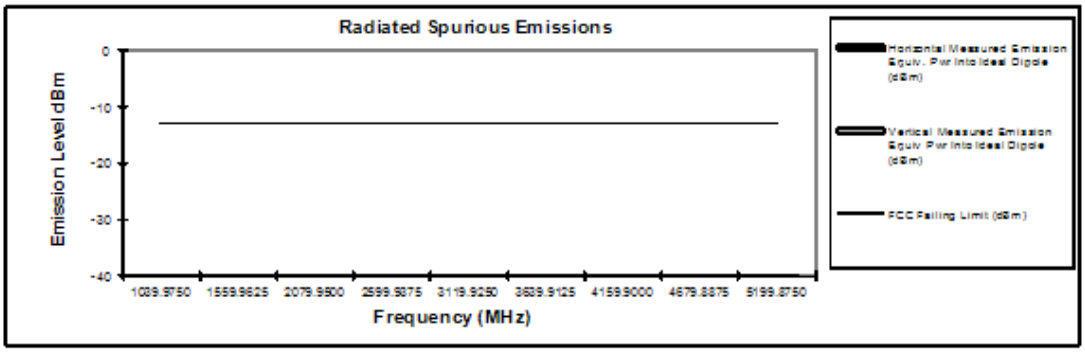


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A ANALOG

Tx Power: 4 Watts

519.9875 MHz **Channel Spacing 25kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1039.9750	-13	*	*
1559.9625	-13	*	*
2079.9500	-13	*	*
2599.9375	-13	*	*
3119.9250	-13	*	*
3639.9125	-13	*	*
4159.9000	-13	*	*
4679.8875	-13	*	*
5199.8750	-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: Andy Gessner **October 31, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-8: 4W, 511.9875 & 519.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

APCO Digital Mode

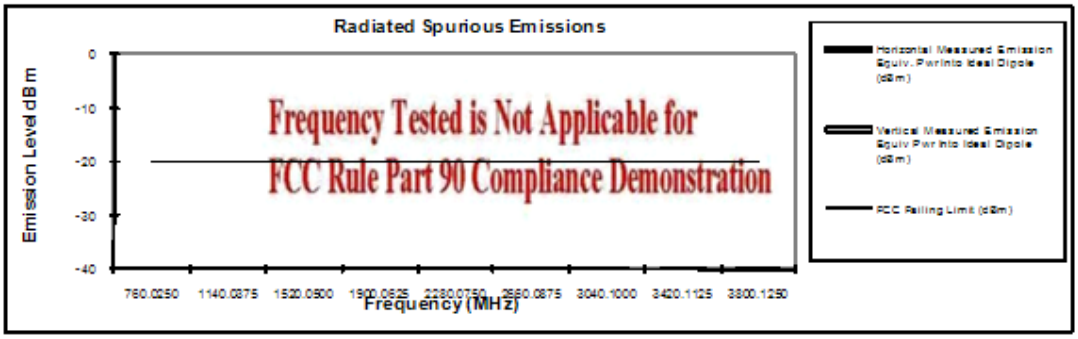
Motorola Solutions FCC ID:AZ492FT4904

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL

Tx Power: 48 Watts

380.0125 MHz Channel Spacing 12.5kHz | S/N CAI110L34J

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
760.0250	-20	*	*
1140.0375	-20	*	*
1520.0500	-20	*	*
1900.0625	-20	*	*
2280.0750	-20	*	*
2660.0875	-20	*	*
3040.1000	-20	*	*
3420.1125	-20	*	*
3800.1250	-20	*	*

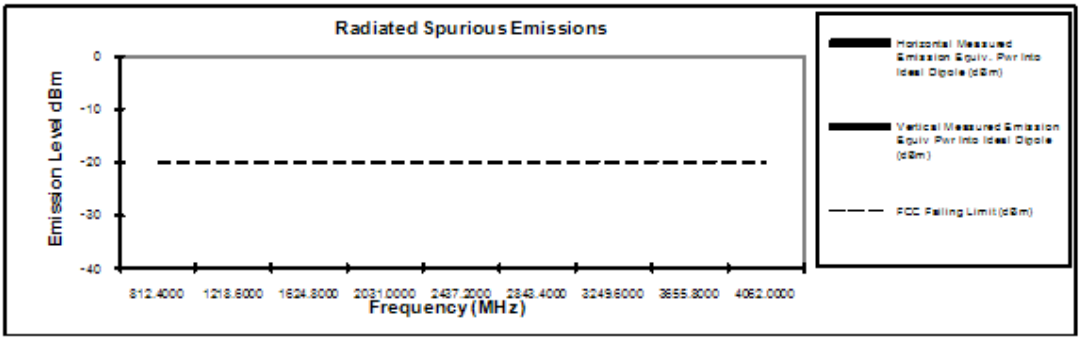


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL

Tx Power: 48 Watts

406.2 MHz Channel Spacing 12.5kHz | S/N CAI110L34J

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
812.4000	-20	*	*
1218.6000	-20	*	*
1624.8000	-20	*	*
2031.0000	-20	*	*
2437.2000	-20	*	*
2843.4000	-20	*	*
3249.6000	-20	*	*
3655.8000	-20	*	*
4062.0000	-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: Andy Gessner September 19, 2011

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-9: 48W, 380.0125 MHz & 406.2, 12.5 kHz Channel Spacing

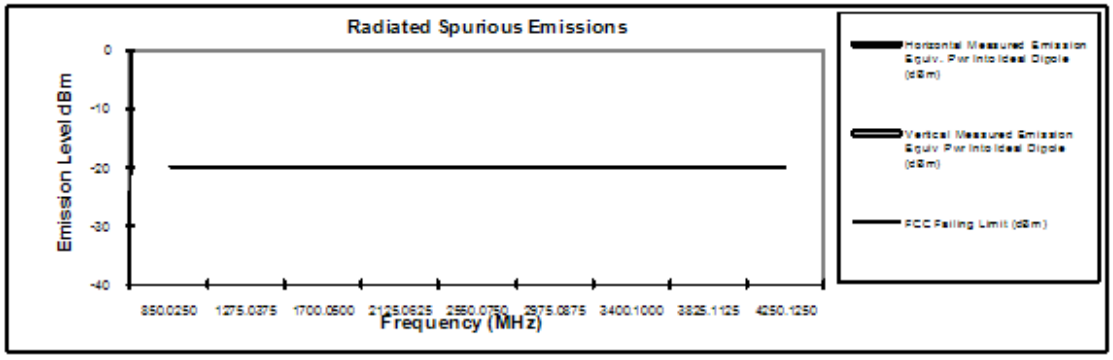
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL

Tx Power: 48 Watts

425.0125 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
850.0250	-20	*	*
1275.0375	-20	*	*
1700.0500	-20	*	*
2125.0625	-20	*	*
2550.0750	-20	*	*
2975.0875	-20	*	*
3400.1000	-20	*	*
3825.1125	-20	*	*
4250.1250	-20	*	*

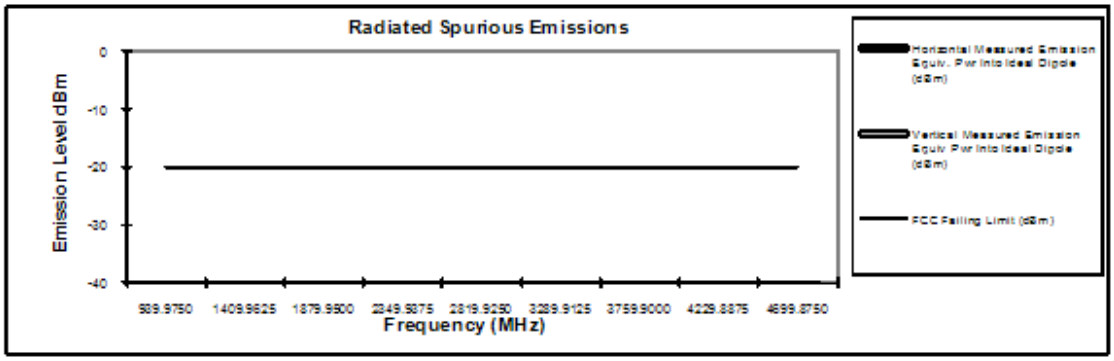


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL

Tx Power: 48 Watts

469.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

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: Andy Gessner **September 19, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-10: 48W, 425.0125 MHz & 469.9875, 12.5 kHz Channel Spacing

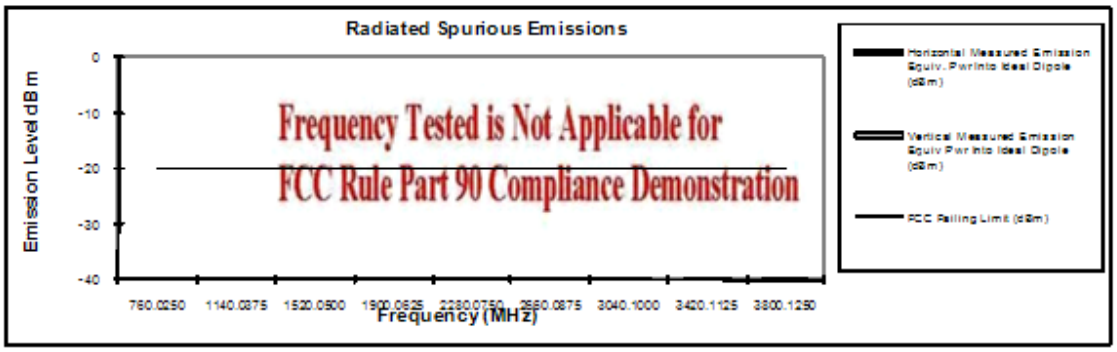
Motorola Solutions FCC ID:AZ492FT4904

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL

Tx Power: 4 Watts

380.0125 MHz Channel Spacing 12.5kHz | S/N CAI110L34J

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
760.0250	-20	*	*
1140.0375	-20	*	*
1520.0500	-20	*	*
1900.0625	-20	*	*
2280.0750	-20	*	*
2660.0875	-20	*	*
3040.1000	-20	*	*
3420.1125	-20	*	*
3800.1250	-20	*	*

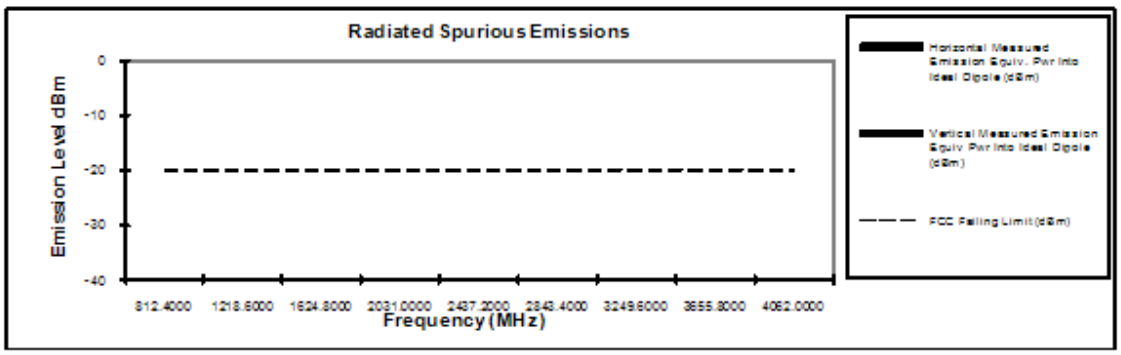


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL

Tx Power: 4 Watts

406.2 MHz Channel Spacing 12.5kHz | S/N CAI110L34J

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
812.4000	-20	*	*
1218.6000	-20	*	*
1624.8000	-20	*	*
2031.0000	-20	*	*
2437.2000	-20	*	*
2843.4000	-20	*	*
3249.6000	-20	*	*
3655.8000	-20	*	*
4062.0000	-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: Andy Gessner September 19, 2011

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-11: 4W, 380.0125 MHz & 406.2, 12.5 kHz Channel Spacing

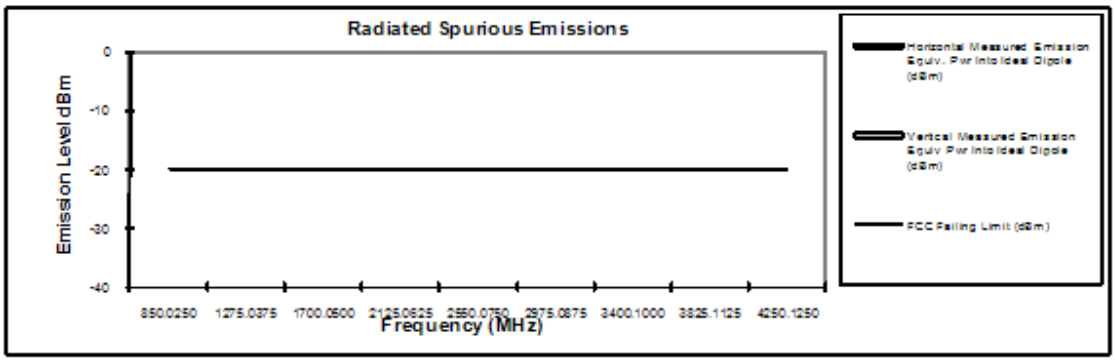
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL

Tx Power: 4 Watts

425.0125 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
850.0250	-20	*	*
1275.0375	-20	*	*
1700.0500	-20	*	*
2125.0625	-20	*	*
2550.0750	-20	*	*
2975.0875	-20	*	*
3400.1000	-20	*	*
3825.1125	-20	*	*
4250.1250	-20	*	*

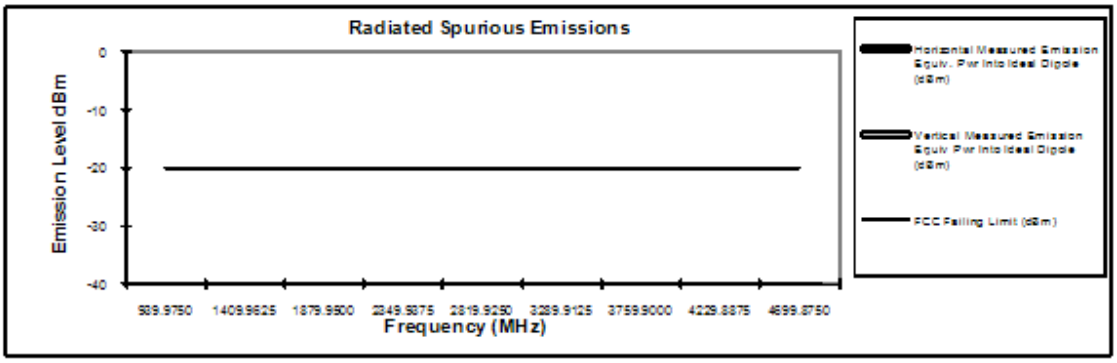


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL

Tx Power: 4 Watts

469.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

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: Andy Gessner **September 19, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

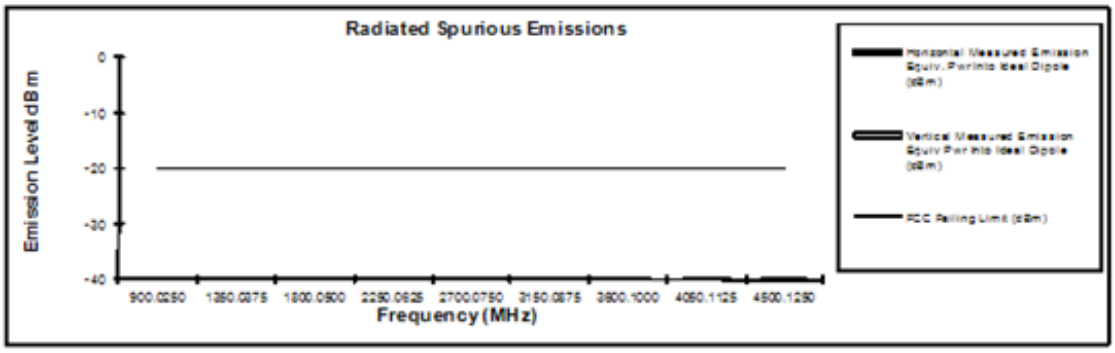
Figure 6G-12: 4W, 425.0125 MHz & 469.9875, 12.5 kHz Channel Spacing

Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL
Tx Power: 54 Watts

450.0125 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

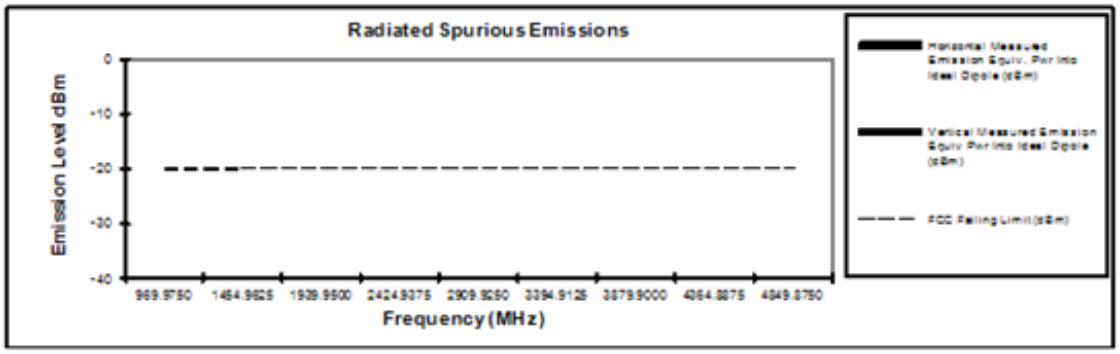
Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.0250	-20	*	*
1350.0375	-20	*	*
1800.0500	-20	*	*
2250.0625	-20	*	*
2700.0750	-20	*	*
3150.0875	-20	*	*
3600.1000	-20	*	*
4050.1125	-20	*	*
4500.1250	-20	*	*



Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL
Tx Power: 54 Watts

484.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
969.9750	-20	*	*
1454.9625	-20	*	*
1939.9500	-20	*	*
2424.9375	-20	*	*
2909.9250	-20	*	*
3394.9125	-20	*	*
3879.9000	-20	*	*
4364.8875	-20	*	*
4849.8750	-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: Andy Gessner **October 31, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

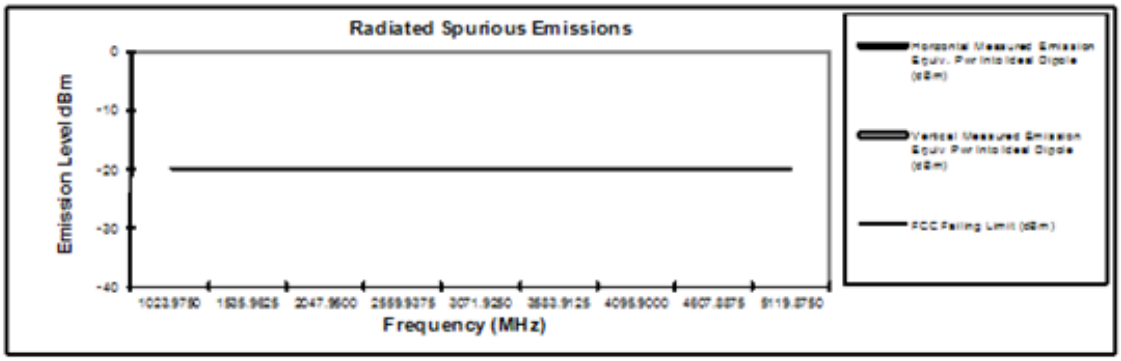
Figure 6G-13: 54W & 48W, 450.0125 & 484.9875 MHz, 12.5 kHz Channel Spacing

Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL
Tx Power: 48 Watts

511.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

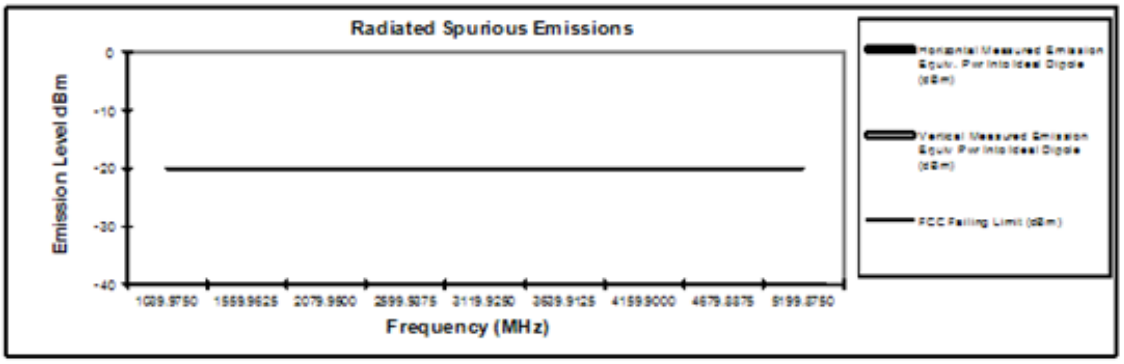
Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9750	-20	*	*
1535.9625	-20	*	*
2047.9500	-20	*	*
2559.9375	-20	*	*
3071.9250	-20	*	*
3583.9125	-20	*	*
4095.9000	-20	*	*
4607.8875	-20	*	*
5119.8750	-20	*	*



Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL
Tx Power: 30 Watts

519.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1039.9750	-20	*	*
1559.9625	-20	*	*
2079.9500	-20	*	*
2599.9375	-20	*	*
3119.9250	-20	*	*
3639.9125	-20	*	*
4159.9000	-20	*	*
4679.8875	-20	*	*
5199.8750	-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: Andy Gessner **October 31, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-14: 48W & 30W, 511.9875 & 519.9875 MHz, 12.5 kHz Channel Spacing

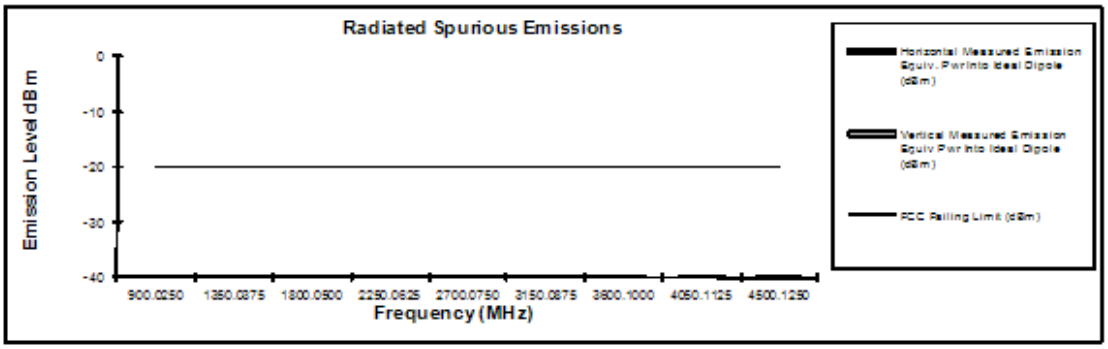
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL

Tx Power: 4 Watts

450.0125 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.0250	-20	*	*
1350.0375	-20	*	*
1800.0500	-20	*	*
2250.0625	-20	*	*
2700.0750	-20	*	*
3150.0875	-20	*	*
3600.1000	-20	*	*
4050.1125	-20	*	*
4500.1250	-20	*	*

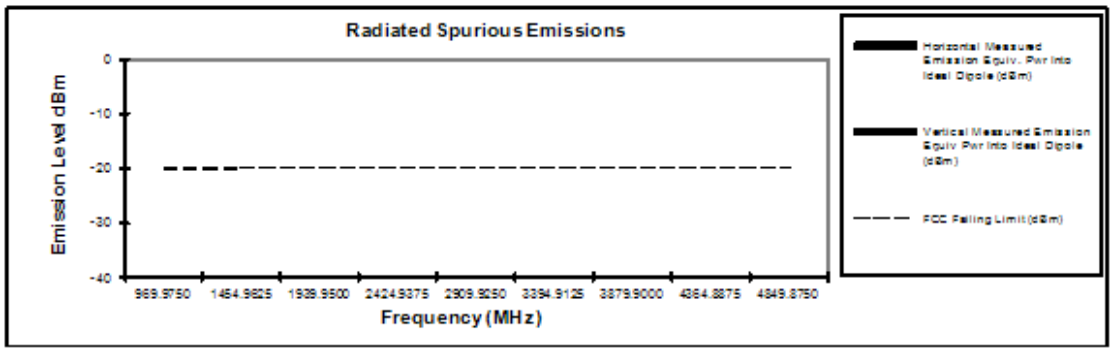


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL

Tx Power: 4 Watts

484.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
969.9750	-20	*	*
1454.9625	-20	*	*
1939.9500	-20	*	*
2424.9375	-20	*	*
2909.9250	-20	*	*
3394.9125	-20	*	*
3879.9000	-20	*	*
4364.8875	-20	*	*
4849.8750	-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: Andy Gessner **October 31, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-15: 4W, 450.0125 & 484.9875 MHz, 12.5 kHz Channel Spacing

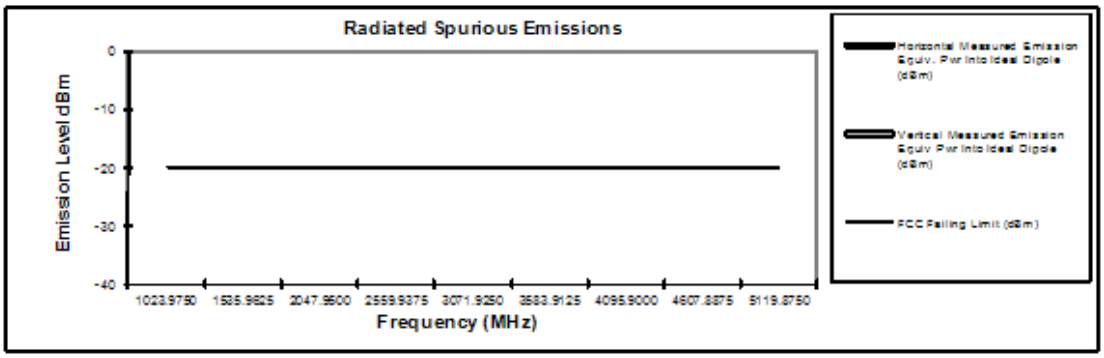
Motorola Solutions FCC ID:AZ492FT4904

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL

Tx Power: 4 Watts

511.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9750	-20	*	*
1535.9625	-20	*	*
2047.9500	-20	*	*
2559.9375	-20	*	*
3071.9250	-20	*	*
3583.9125	-20	*	*
4095.9000	-20	*	*
4607.8875	-20	*	*
5119.8750	-20	*	*

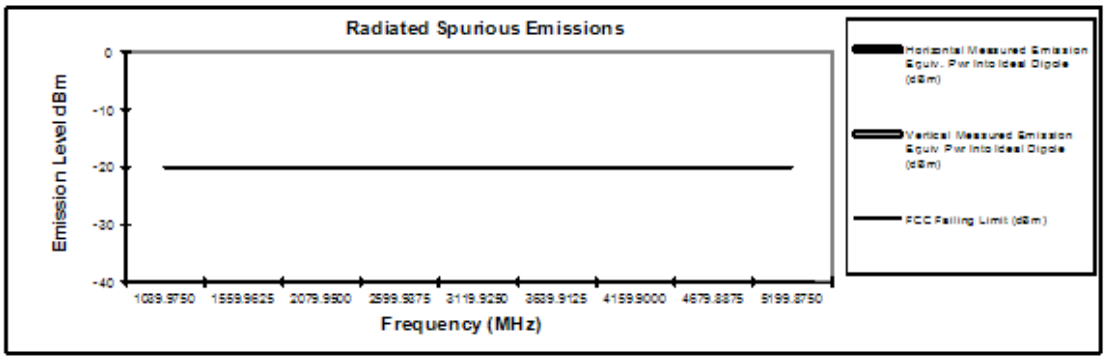


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A APCO DIGITAL

Tx Power: 4 Watts

519.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1039.9750	-20	*	*
1559.9625	-20	*	*
2079.9500	-20	*	*
2599.9375	-20	*	*
3119.9250	-20	*	*
3639.9125	-20	*	*
4159.9000	-20	*	*
4679.8875	-20	*	*
5199.8750	-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: Andy Gessner **October 31, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-16: 4W, 511.9875 & 519.9875 MHz, 12.5 kHz Channel Spacing

TDMA Mode

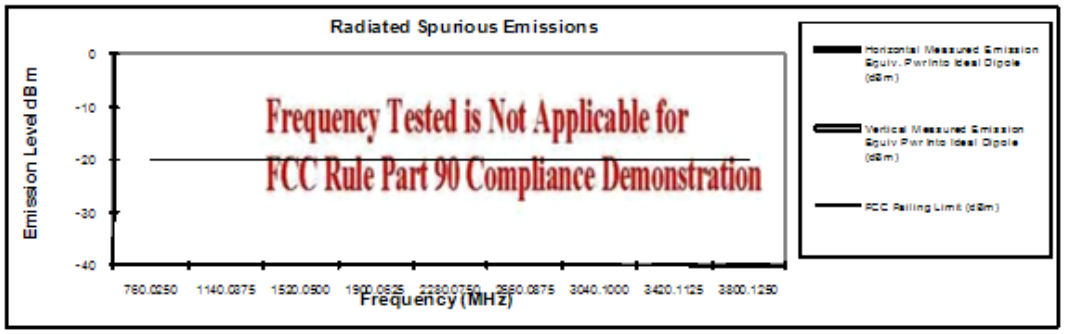
Motorola Solutions FCC ID:AZ492FT4904

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 48 Watts

380.0125 MHz Channel Spacing 12.5kHz | S/N CAI110L34J

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
760.0250	-20	*	*
1140.0375	-20	*	*
1520.0500	-20	*	*
1900.0625	-20	*	*
2280.0750	-20	*	*
2660.0875	-20	*	*
3040.1000	-20	*	*
3420.1125	-20	*	*
3800.1250	-20	*	*

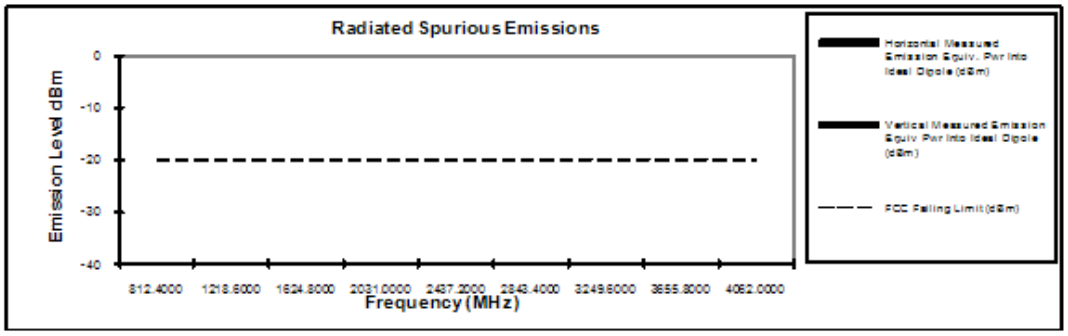


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 48 Watts

406.2 MHz Channel Spacing 12.5kHz | S/N CAI110L34J

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
812.4000	-20	*	*
1218.6000	-20	*	*
1624.8000	-20	*	*
2031.0000	-20	*	*
2437.2000	-20	*	*
2843.4000	-20	*	*
3249.6000	-20	*	*
3655.8000	-20	*	*
4062.0000	-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: Andy Gessner September 19, 2011

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-17: 48W, 380.0125 MHz & 406.2 MHz, 12.5 kHz Channel Spacing

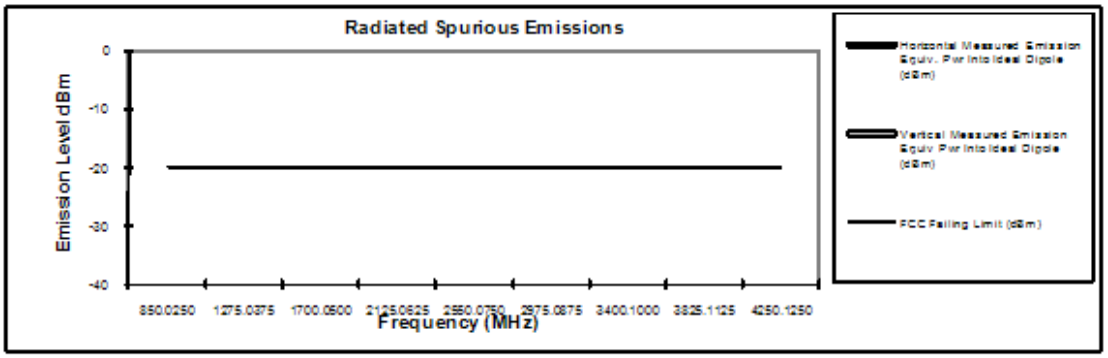
Motorola Solutions FCC ID:AZ492FT4904

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 48 Watts

425.0125 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
850.0250	-20	*	*
1275.0375	-20	*	*
1700.0500	-20	*	*
2125.0625	-20	*	*
2550.0750	-20	*	*
2975.0875	-20	*	*
3400.1000	-20	*	*
3825.1125	-20	*	*
4250.1250	-20	*	*

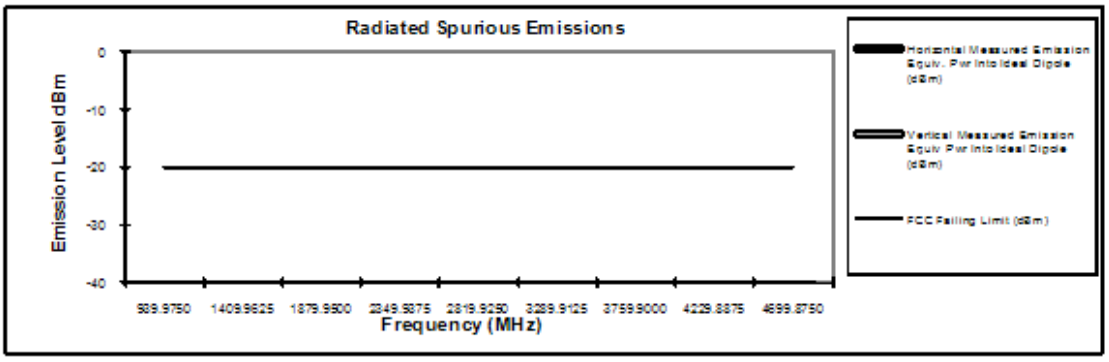


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 48 Watts

469.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

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: Andy Gessner **September 19, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-18: 48W, 425.0125 MHz & 469.9875 MHz, 12.5 kHz Channel Spacing

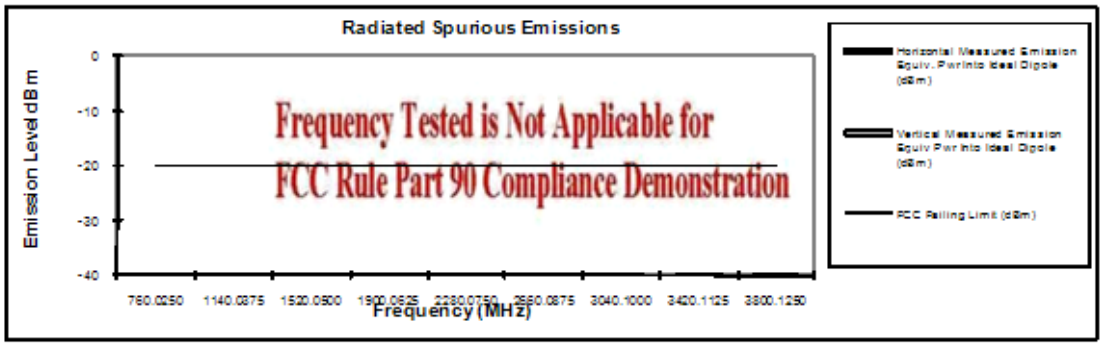
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 4 Watts

380.0125 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
760.0250	-20	*	*
1140.0375	-20	*	*
1520.0500	-20	*	*
1900.0625	-20	*	*
2280.0750	-20	*	*
2660.0875	-20	*	*
3040.1000	-20	*	*
3420.1125	-20	*	*
3800.1250	-20	*	*

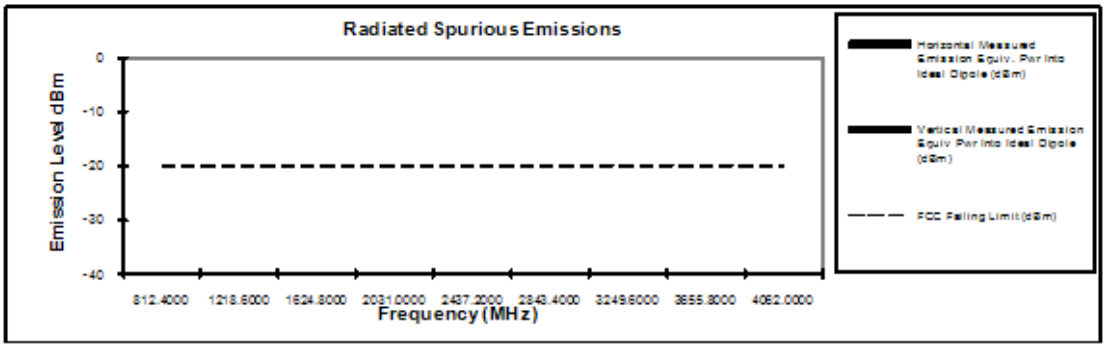


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 4 Watts

406.2 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
812.4000	-20	*	*
1218.6000	-20	*	*
1624.8000	-20	*	*
2031.0000	-20	*	*
2437.2000	-20	*	*
2843.4000	-20	*	*
3249.6000	-20	*	*
3655.8000	-20	*	*
4062.0000	-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: Andy Gessner **September 19, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-19: 4W, 380.0125 MHz & 406.2 MHz, 12.5 kHz Channel Spacing

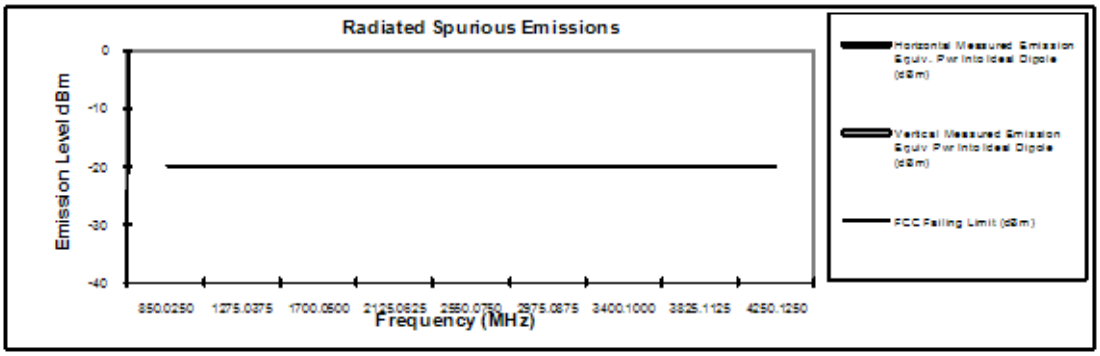
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 4 Watts

425.0125 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
850.0250	-20	*	*
1275.0375	-20	*	*
1700.0500	-20	*	*
2125.0625	-20	*	*
2550.0750	-20	*	*
2975.0875	-20	*	*
3400.1000	-20	*	*
3825.1125	-20	*	*
4250.1250	-20	*	*

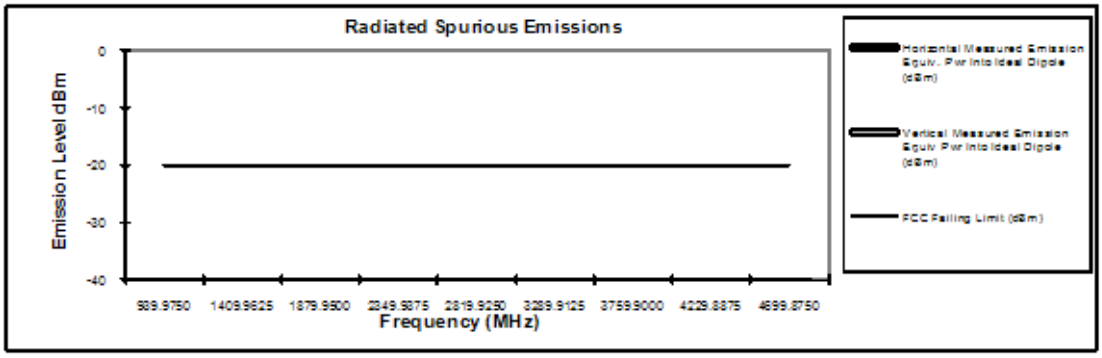


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 4 Watts

469.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

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: Andy Gessner **September 19, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-20: 4W, 425.0125 MHz & 469.9875 MHz, 12.5 kHz Channel Spacing

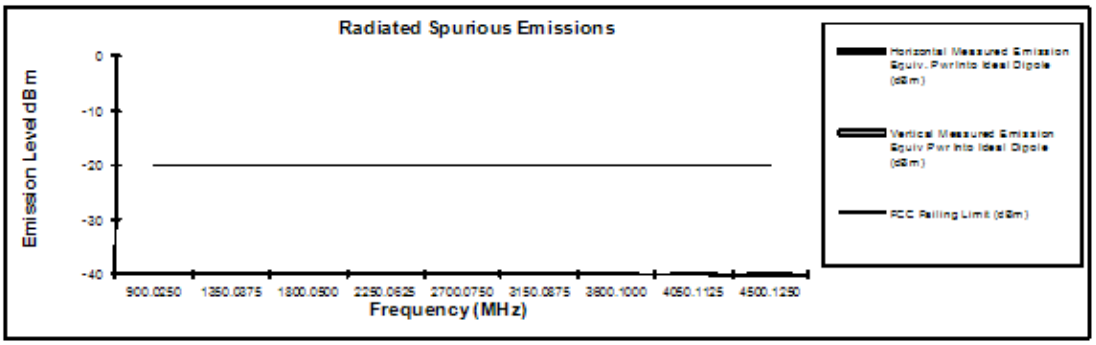
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 54 Watts

450.0125 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.0250	-20	*	*
1350.0375	-20	*	*
1800.0500	-20	*	*
2250.0625	-20	*	*
2700.0750	-20	*	*
3150.0875	-20	*	*
3600.1000	-20	*	*
4050.1125	-20	*	*
4500.1250	-20	*	*

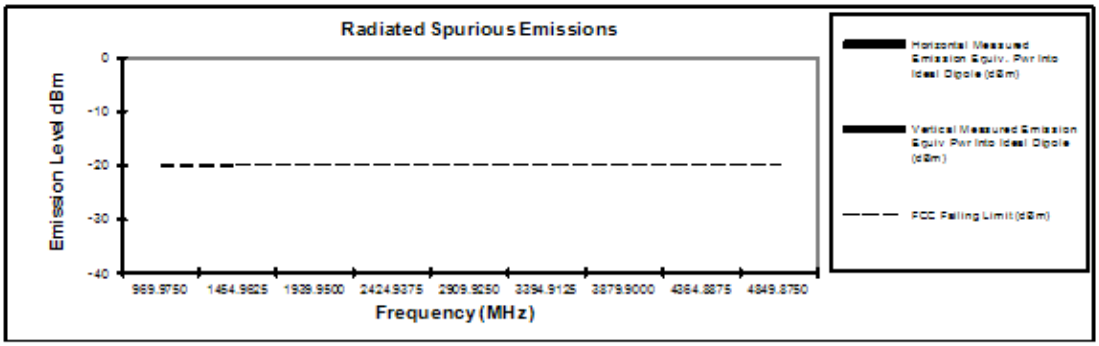


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 54 Watts

484.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
969.9750	-20	*	*
1454.9625	-20	*	*
1939.9500	-20	*	*
2424.9375	-20	*	*
2909.9250	-20	*	*
3394.9125	-20	*	*
3879.9000	-20	*	*
4364.8875	-20	*	*
4849.8750	-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: Andy Gessner **November 1, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-21: 54W, 450.0125 & 484.9875 MHz, 12.5 kHz Channel Spacing

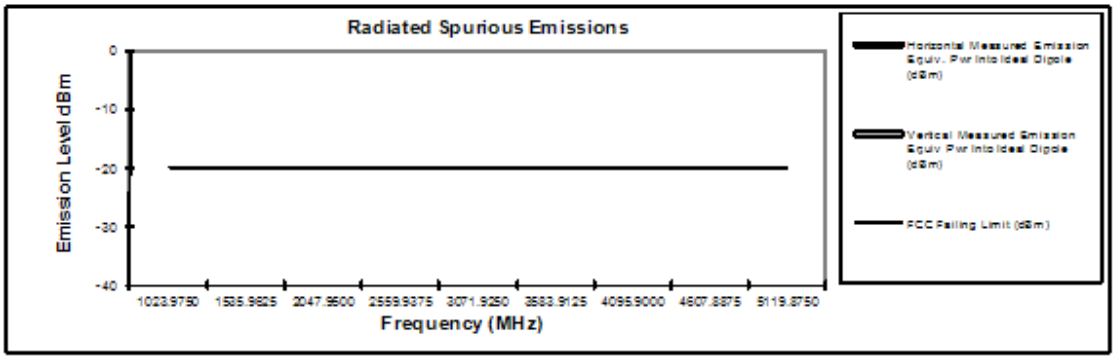
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 48 Watts

511.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9750	-20	*	*
1535.9625	-20	*	*
2047.9500	-20	*	*
2559.9375	-20	*	*
3071.9250	-20	*	*
3583.9125	-20	*	*
4095.9000	-20	*	*
4607.8875	-20	*	*
5119.8750	-20	*	*

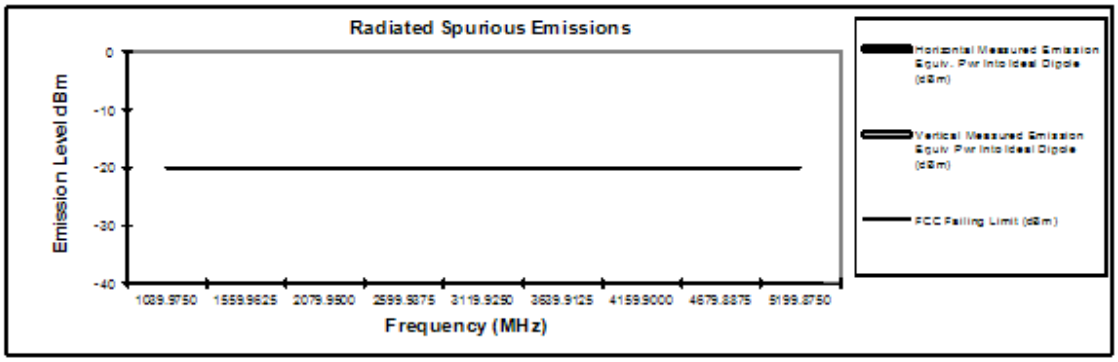


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 30 Watts

519.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1039.9750	-20	*	*
1559.9625	-20	*	*
2079.9500	-20	*	*
2599.9375	-20	*	*
3119.9250	-20	*	*
3639.9125	-20	*	*
4159.9000	-20	*	*
4679.8875	-20	*	*
5199.8750	-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: Andy Gessner **November 1, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-22: 48W & 30W, 511.9875 & 519.9875 MHz, 12.5 kHz Channel Spacing

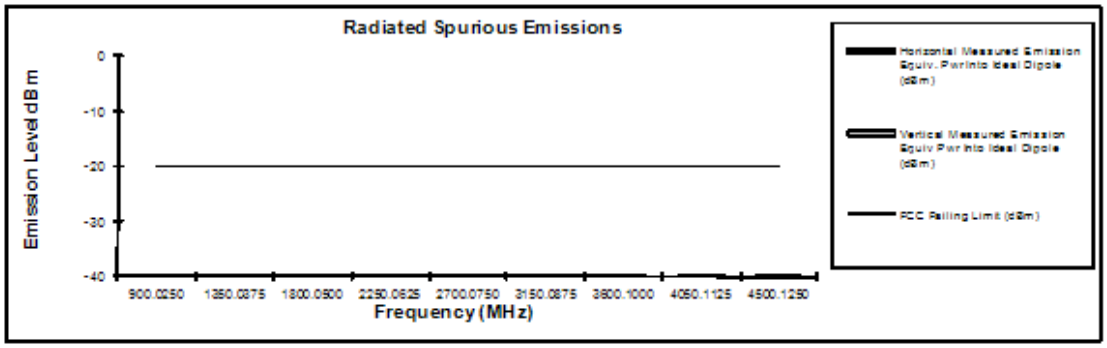
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 4 Watts

450.0125 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
900.0250	-20	*	*
1350.0375	-20	*	*
1800.0500	-20	*	*
2250.0625	-20	*	*
2700.0750	-20	*	*
3150.0875	-20	*	*
3600.1000	-20	*	*
4050.1125	-20	*	*
4500.1250	-20	*	*

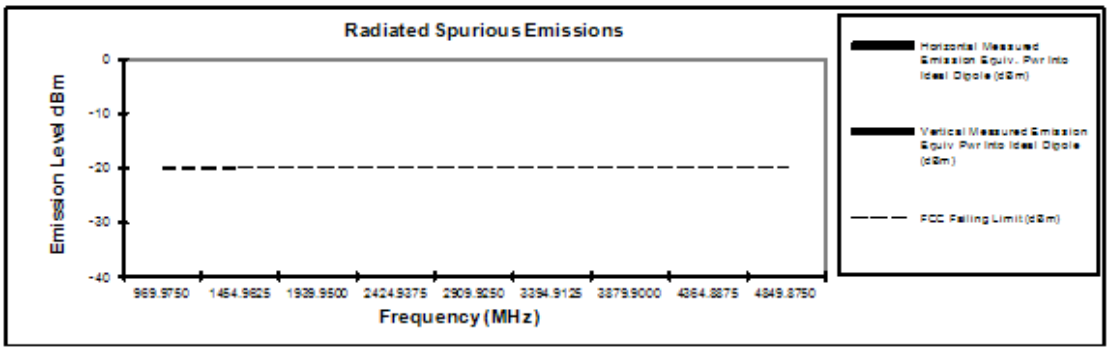


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 4 Watts

484.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
969.9750	-20	*	*
1454.9625	-20	*	*
1939.9500	-20	*	*
2424.9375	-20	*	*
2909.9250	-20	*	*
3394.9125	-20	*	*
3879.9000	-20	*	*
4364.8875	-20	*	*
4849.8750	-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: Andy Gessner **November 1, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-23: 4W, 450.0125 & 484.9875 MHz, 12.5 kHz Channel Spacing

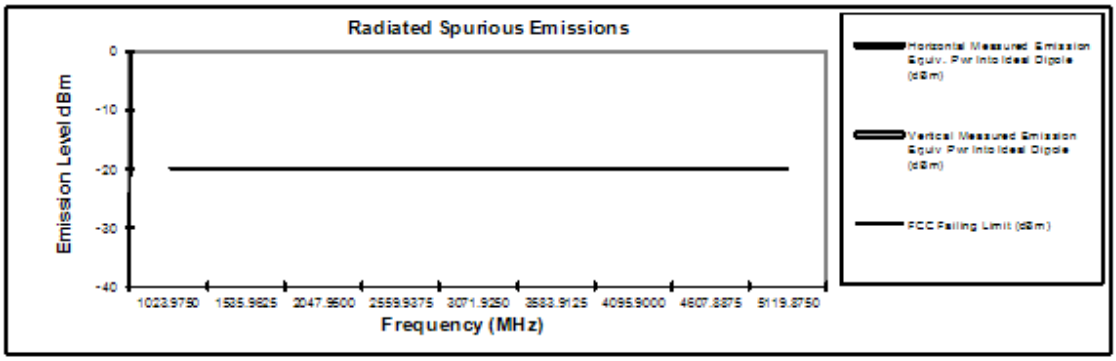
Motorola Solutions **FCC ID:AZ492FT4904**

Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 4 Watts

511.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1023.9750	-20	*	*
1535.9625	-20	*	*
2047.9500	-20	*	*
2559.9375	-20	*	*
3071.9250	-20	*	*
3583.9125	-20	*	*
4095.9000	-20	*	*
4607.8875	-20	*	*
5119.8750	-20	*	*

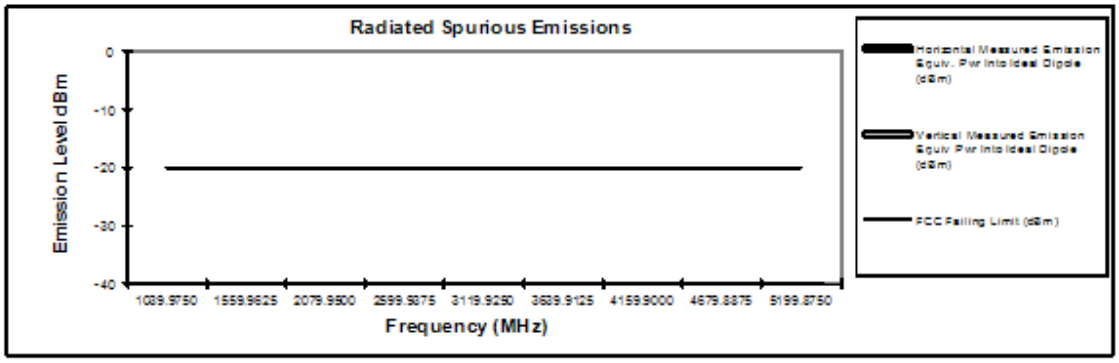


Transmit Radiated Spurious Emissions: APX7500 MHUE1002A TDMA

Tx Power: 4 Watts

519.9875 MHz **Channel Spacing 12.5kHz | S/N CAI110L34J**

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1039.9750	-20	*	*
1559.9625	-20	*	*
2079.9500	-20	*	*
2599.9375	-20	*	*
3119.9250	-20	*	*
3639.9125	-20	*	*
4159.9000	-20	*	*
4679.8875	-20	*	*
5199.8750	-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: Andy Gessner **November 1, 2011**

FCC Registration: 91932 / Industry Canada: IC109U-1

Figure 6G-24: 4W, 511.9875 & 519.9875 MHz, 12.5 kHz Channel Spacing

EXHIBIT 6H

Frequency Stability - Pursuant 47 CFR 90.213, 90.539, 2.1055 and 2.1033(c)(13)

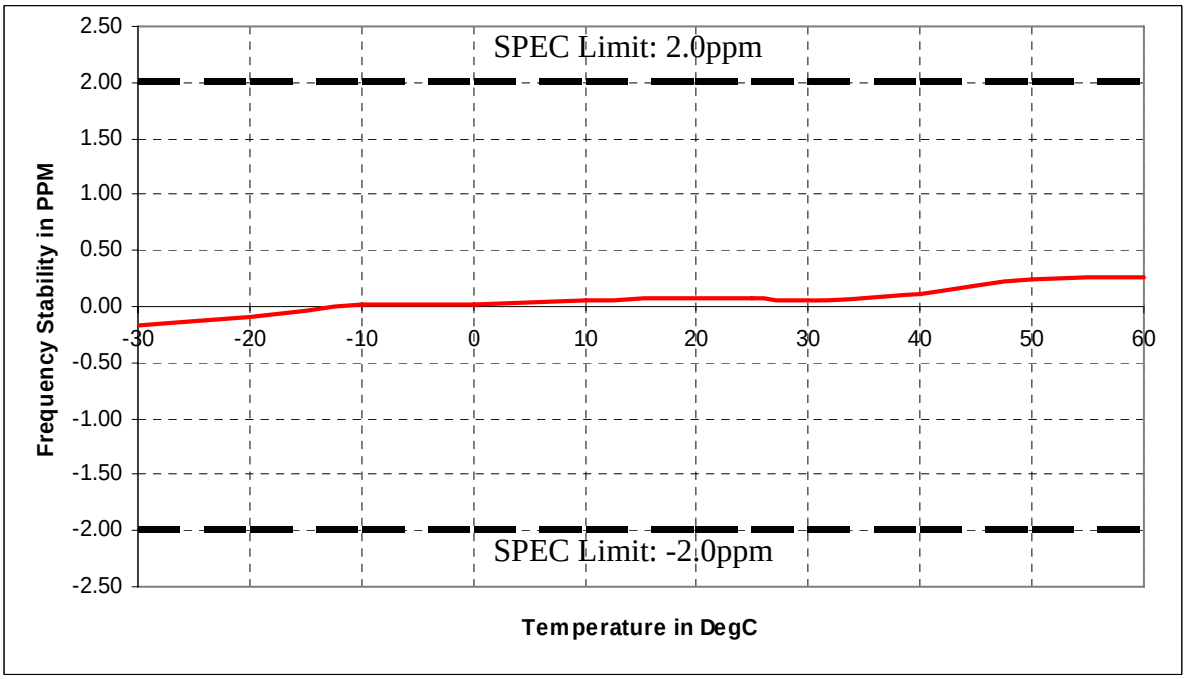


Figure 6H-1: Frequency Stability vs. Temperature, 425.0125MHz, -30°C to 60°C

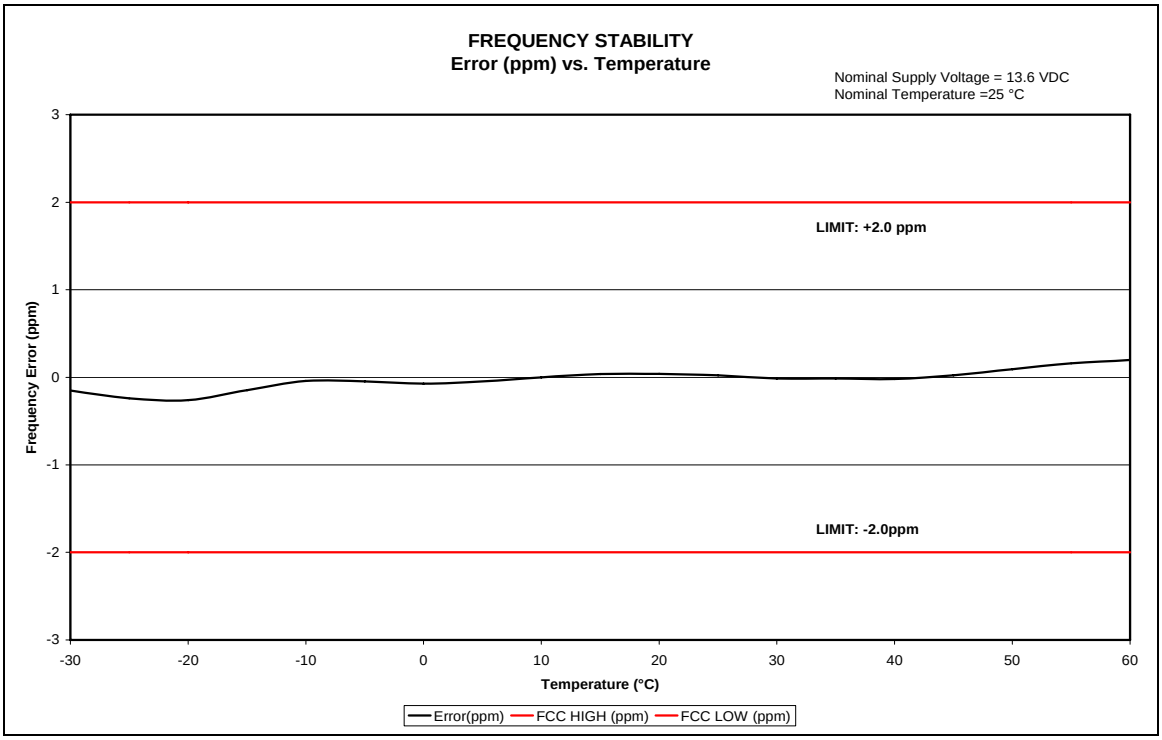


Figure 6H-2: Frequency Stability vs. Temperature, 484.9875 MHz, -30°C to 60°C

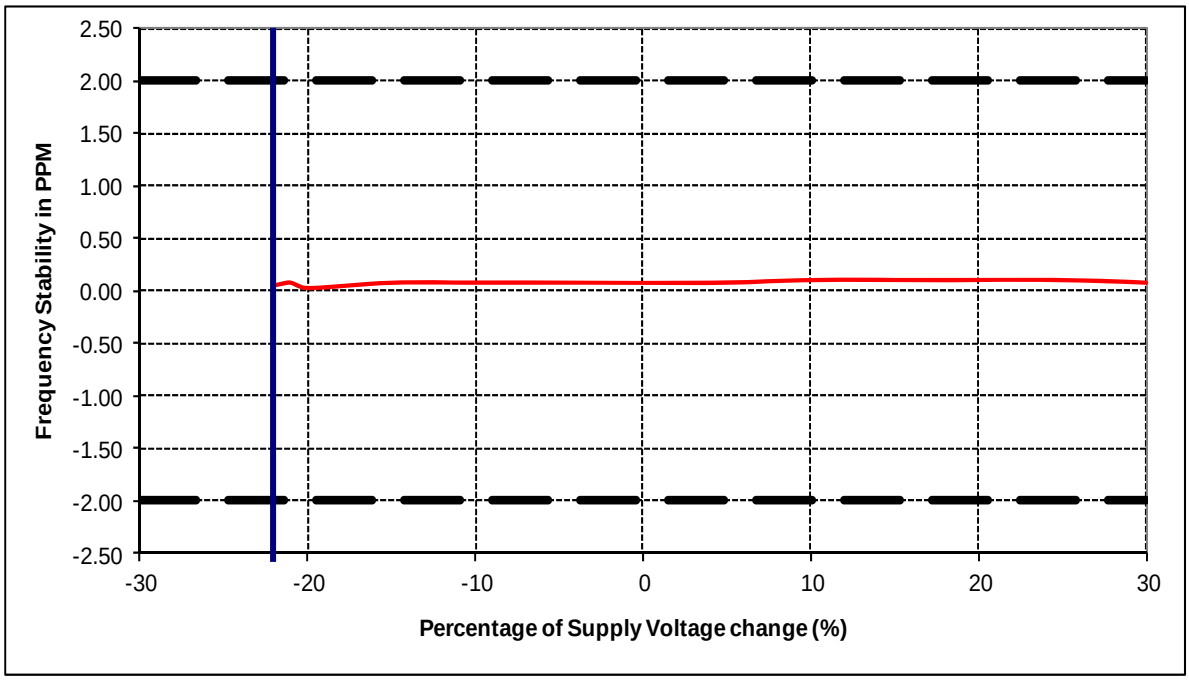


Figure 6H-3: Frequency Stability vs. Supply Voltage Change, 425.0125 MHz

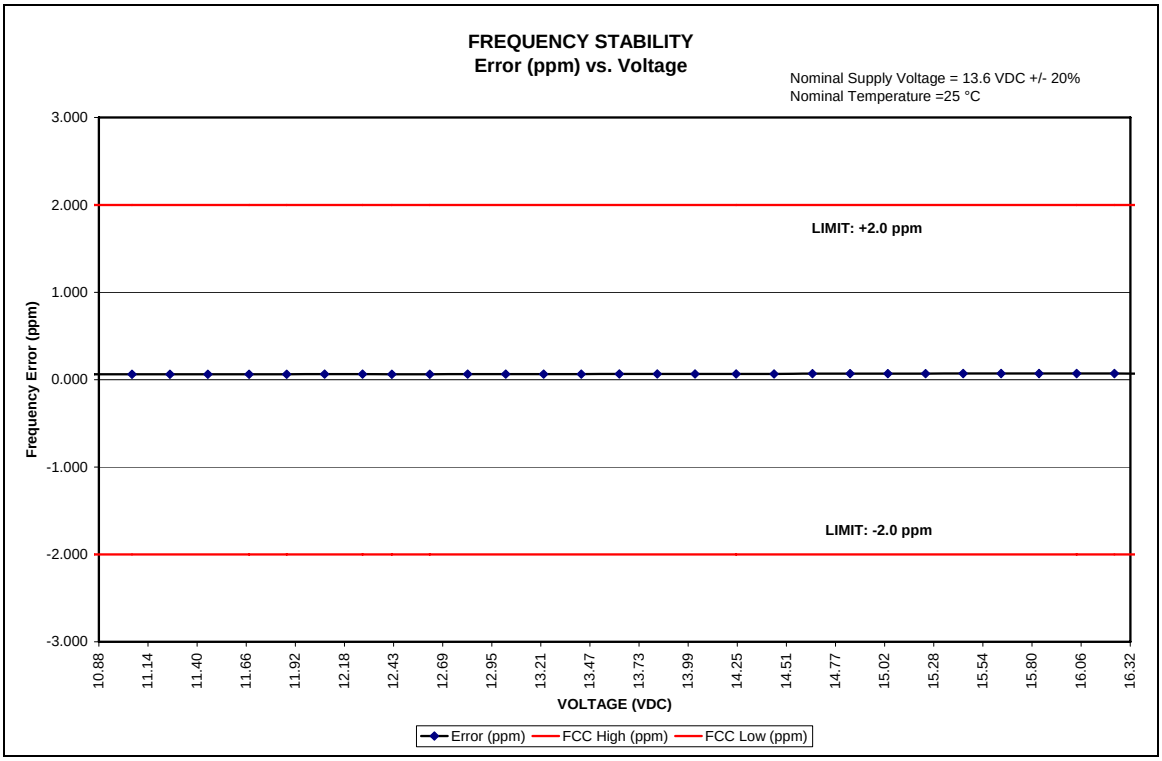


Figure 6H-4: Frequency Stability vs. Supply Voltage Change, 484.9875 MHz

EXHIBIT 6I
Transient Frequency Behavior - Pursuant 47 CFR 90.214

UHF Range 2

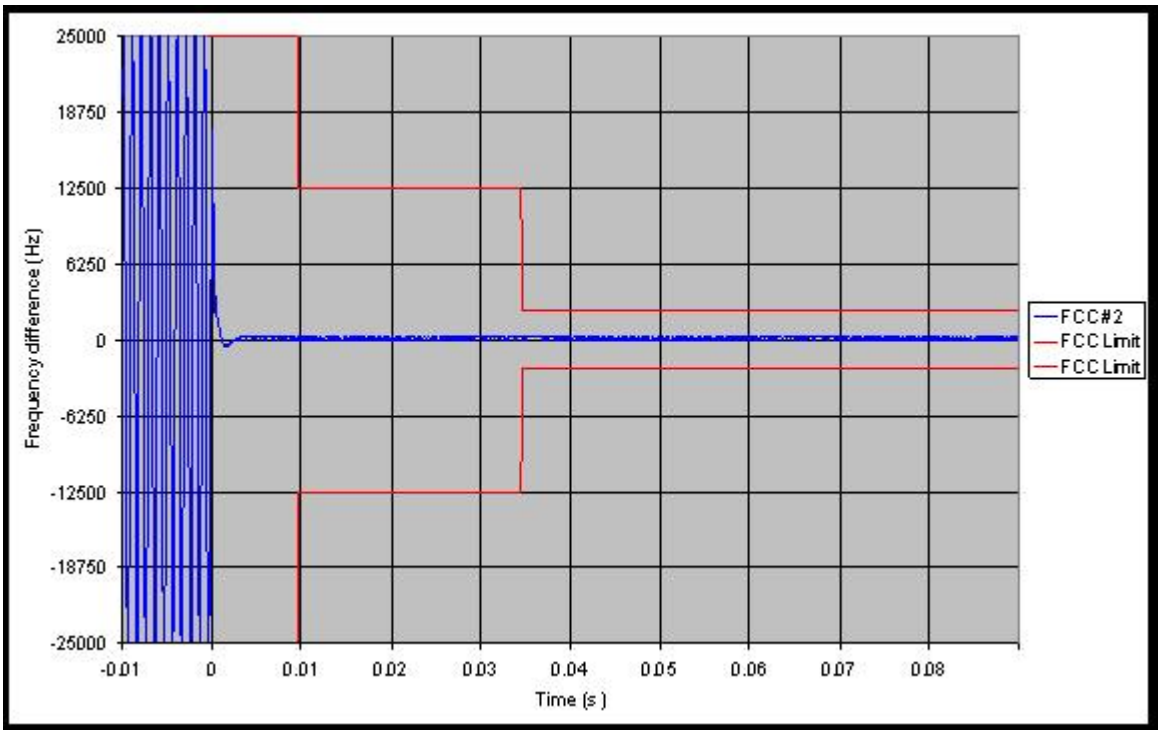


Figure 6I-1: Transient Frequency Behavior. 484.9875 MHz, 25 kHz Channel Spacing, Key-up Transient (Not for FCC Review)

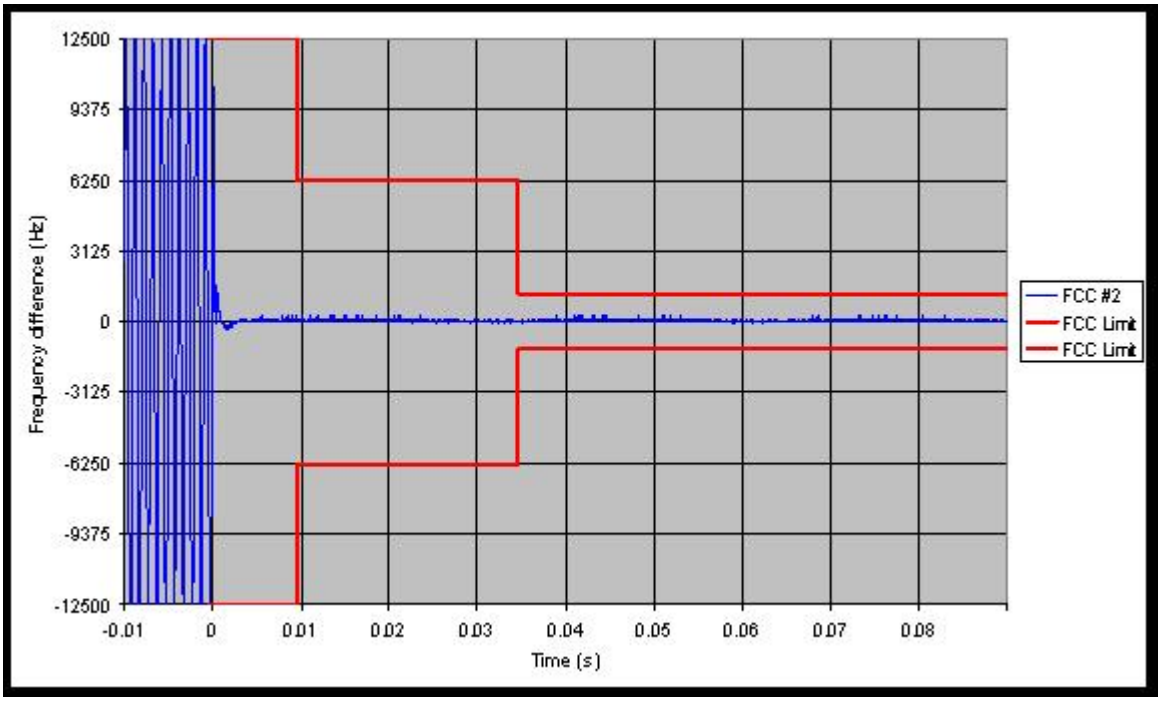


Figure 6I-2: Transient Frequency Behavior. 484.9875 MHz, 12.5 kHz Channel Spacing, Key-up Transient

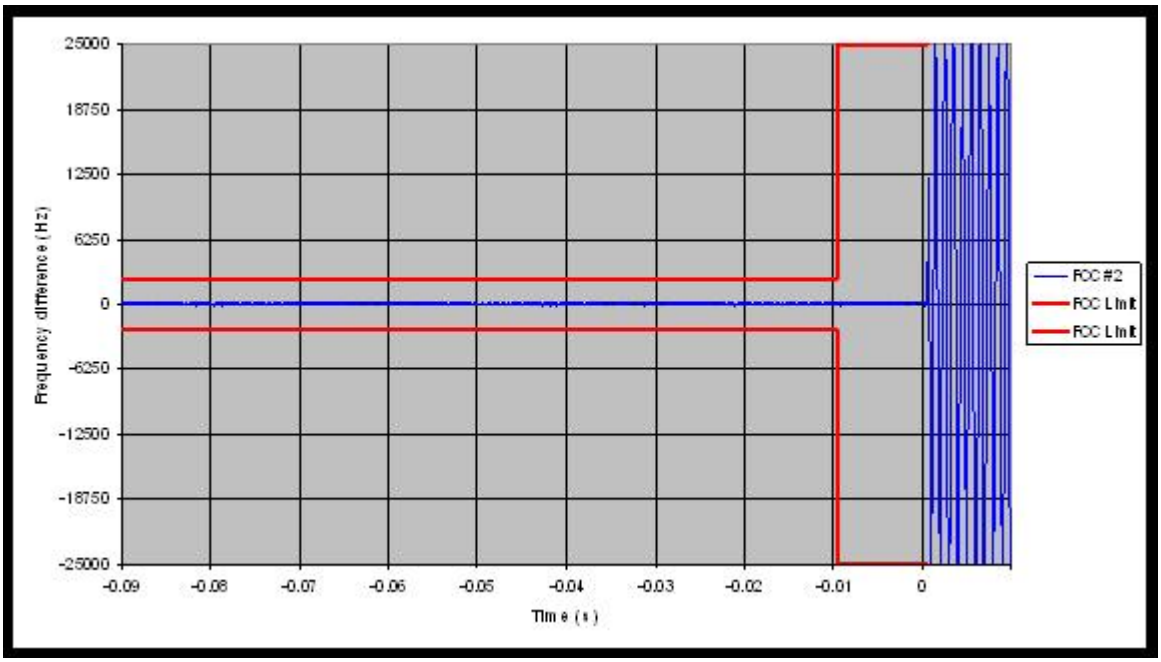


Figure 6I-3: Transient Frequency Behavior. 484.9875 MHz, 12.5 kHz Channel Spacing, De-Key Transient

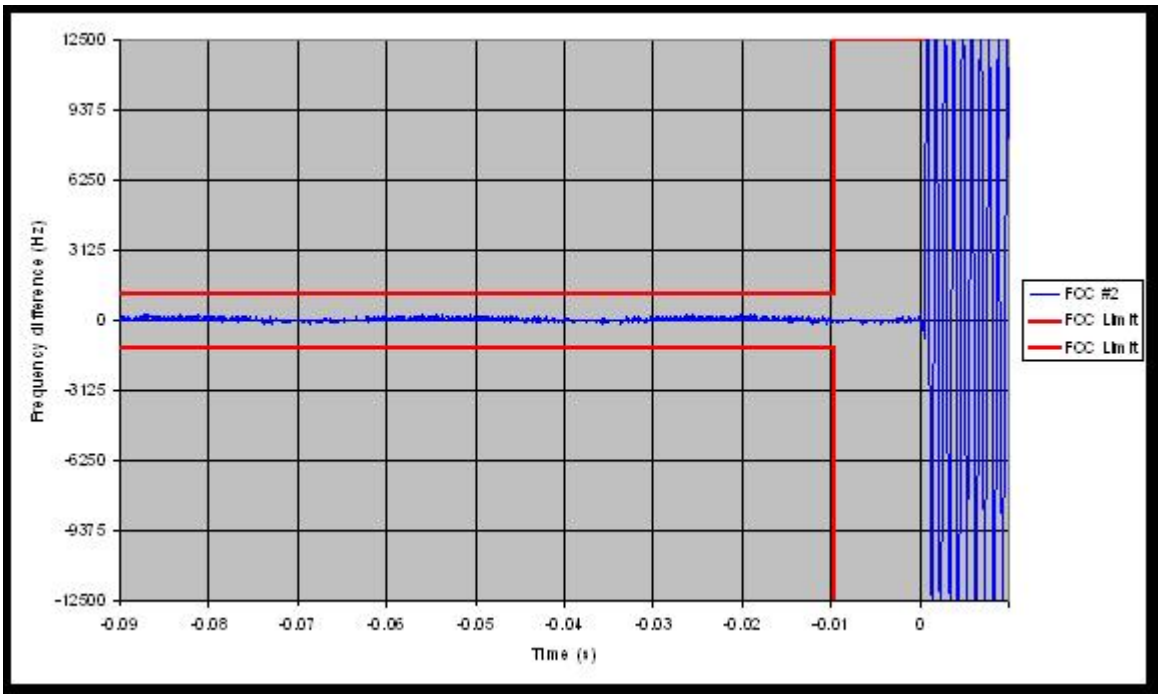


Figure 6I-4: Transient Frequency Behavior. 484.9875 MHz, 25 kHz Channel Spacing, De-Key Transient
(Not for FCC Review)

UHF Range 1

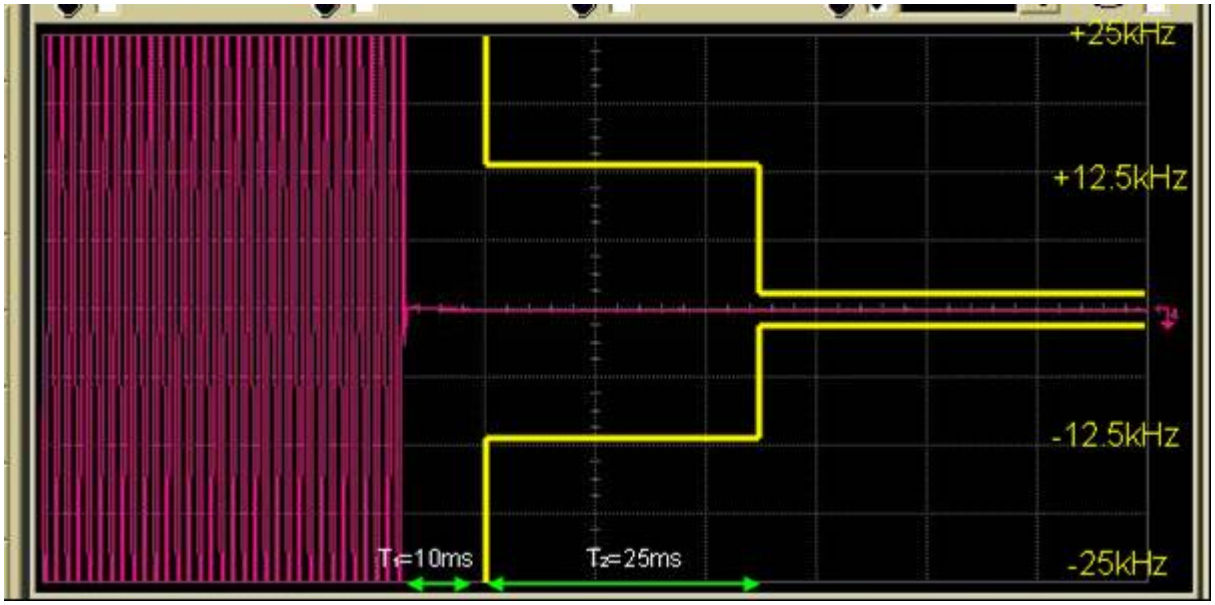


Figure 6I-5: Transient Frequency Behavior. 425.0125 MHz, 25 kHz Channel Spacing, Key-up Transient
(Not for FCC Review)

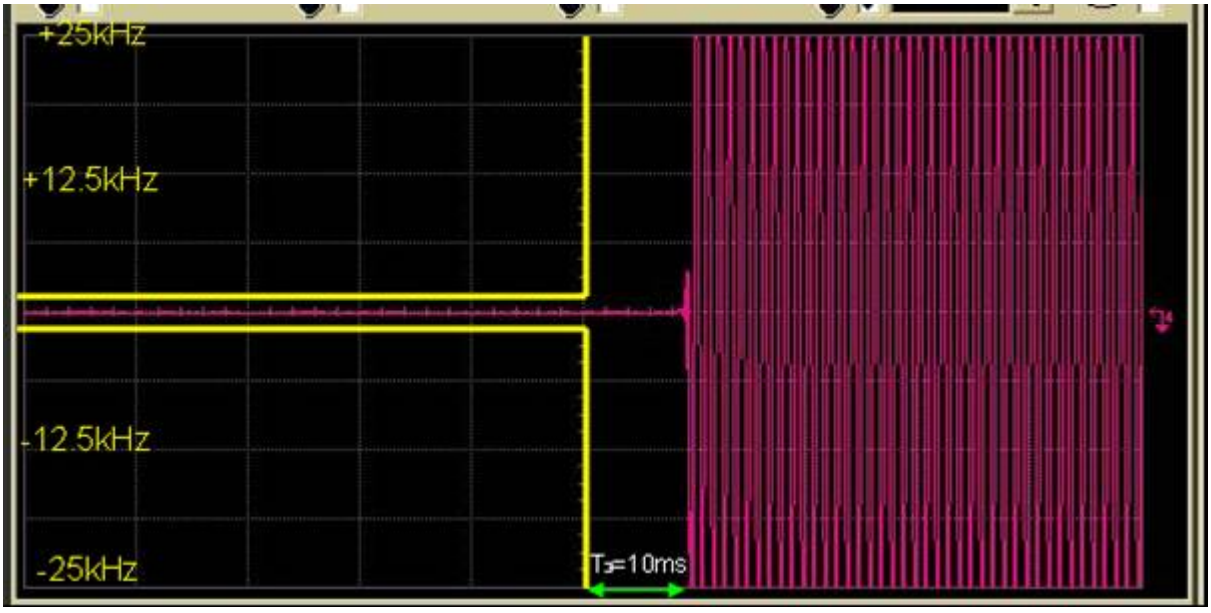


Figure 6I-6: Transient Frequency Behavior. 425.0125 MHz, 25 kHz Channel Spacing, De-Key Transient
(Not for FCC Review)

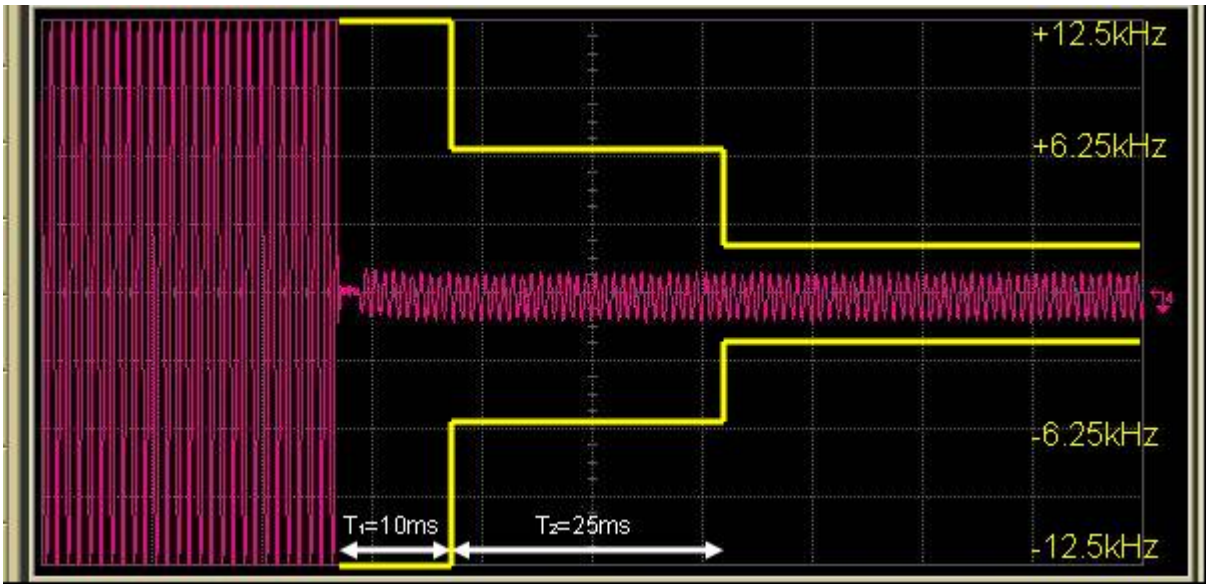


Figure 6I-7: Transient Frequency Behavior. 425.0125 MHz, 12.5 kHz Channel Spacing, Key-up Transient

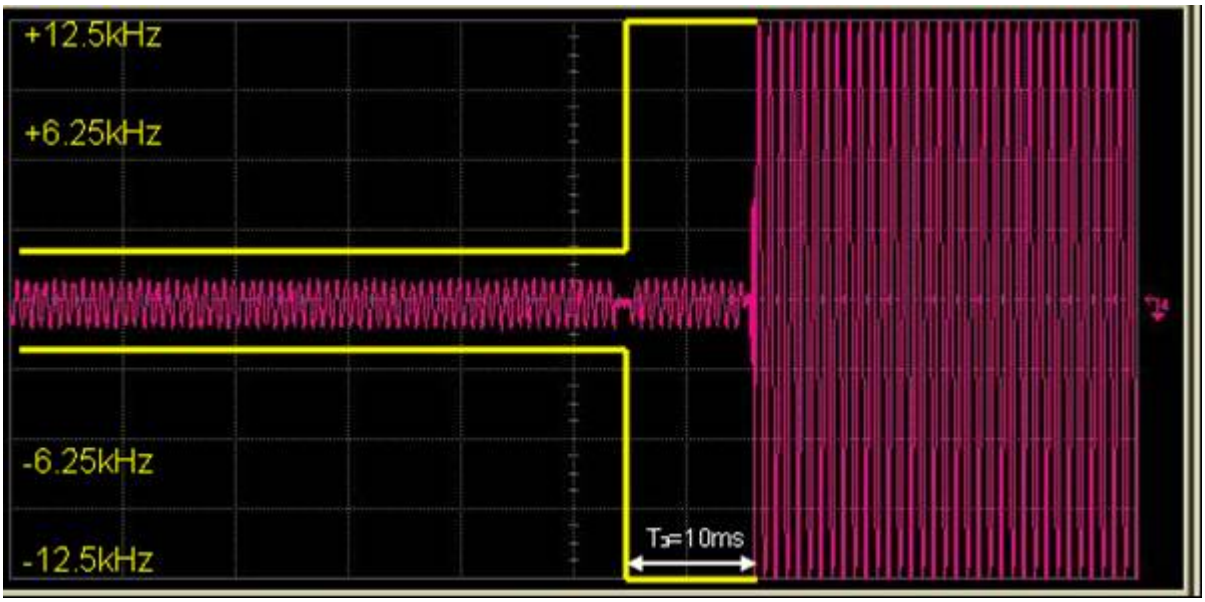


Figure 6I-8: Transient Frequency Behavior. 425.0125 MHz, 12.5 kHz Channel Spacing, De-Key Transient