

EXHIBIT 6

INDEX OF SUBMITTED MEASURED DATA

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

EXHIBIT 6A – RF Power Output

EXHIBIT 6B – Audio Frequency Response

- 6B-1 –429.9875 MHz, 12.5 kHz Channel Spacing
- 6B-2 –460.0125 MHz, 12.5 kHz Channel Spacing
- 6B-3 –429.9875 MHz, 25 kHz Channel Spacing (Not For FCC Review)
- 6B-4 –460.0125 MHz, 25 kHz Channel Spacing (Not For FCC Review)

EXHIBIT 6C – Audio Low Pass Filter Response

- 6C-1 –429.9875 MHz, 12.5 kHz Channel Spacing
- 6C-2 –460.0125 MHz, 12.5 kHz Channel Spacing
- 6C-3 –429.9875 MHz, 25 kHz Channel Spacing (Not For FCC Review)
- 6C-4 –460.0125 MHz, 25 kHz Channel Spacing (Not For FCC Review)

EXHIBIT 6D – Modulation Limiting

- 6D-1 –429.9875 MHz, 12.5 kHz Channel Spacing, Modulation Limiting
- 6D-2 –460.0125 MHz, 12.5 kHz Channel Spacing, Modulation Limiting
- 6D-3 –429.9875 MHz, 25 kHz Channel Spacing, Modulation Limiting (Not For FCC Review)
- 6D-4 –460.0125 MHz, 25 kHz Channel Spacing, Modulation Limiting (Not For FCC Review)

EXHIBIT 6E – Occupied Bandwidth

- 6E-1 –429.9875 MHz, 12.5 kHz, 2500 Hz Audio Modulation Only, 11K0F3E Mask D
- 6E-2 –460.0125 MHz, 12.5 kHz, 2500 Hz Audio Modulation Only, 11K0F3E Mask D
- 6E-3 –429.9875 MHz, 25 kHz, 2500 Hz Audio Modulation Only, 16K0F3E Mask B (Not For FCC Review)
- 6E-4 –460.0125 MHz, 25 kHz, 2500 Hz Audio Modulation Only, 16K0F3E Mask B (Not For FCC Review)
- 6E-5 –429.9875 MHz, 12.5 kHz, 2500 Hz Audio and PL Tone Modulation, 11K0F3E Mask D
- 6E-6 –460.0125 MHz, 12.5 kHz, 2500 Hz Audio and PL Tone Modulation, 11K0F3E Mask D
- 6E-7 –429.9875 MHz, 25 kHz, 2500 Hz Audio and PL Tone Modulation, 16K0F3E Mask B (Not For FCC Review)
- 6E-8 –460.0125 MHz, 25 kHz, 2500 Hz Audio and PL Tone Modulation, 16K0F3E Mask B (Not For FCC Review)
- 6E-9 –429.9875 MHz, 12.5 kHz, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E Mask D
- 6E-10 –460.0125 MHz, 12.5 kHz, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E Mask D
- 6E-11 –429.9875 MHz, 25 kHz, 2500 Hz Audio and DPL Tone Modulation, 16K0F3E Mask B (Not For FCC Review)
- 6E-12 –460.0125 MHz, 25 kHz, 2500 Hz Audio and DPL Tone Modulation, 16K0F3E Mask B (Not For FCC Review)
- 6E-13 –429.9875 MHz, 12.5 kHz, 2000/3000 Hz FSK Data Modulation Only, 11K0F3E Mask D
- 6E-14 –460.0125 MHz, 12.5 kHz, 2000/3000 Hz FSK Data Modulation Only, 11K0F3E Mask D
- 6E-15 –429.9875 MHz, 25 kHz, 2000/3000 Hz FSK Data Modulation Only, 16K0F3E Mask B (Not For FCC Review)
- 6E-16 –460.0125 MHz, 25 kHz, 2000/3000 Hz FSK Data Modulation Only, 16K0F3E Mask B (Not For FCC Review)
- 6E-17 –429.9875 MHz, 12.5 kHz, 2000/3000 Hz FSK Data and PL Tone Modulation Only, 11K0F3E Mask D
- 6E-18 –460.0125 MHz, 12.5 kHz, 2000/3000 Hz FSK Data and PL Tone Modulation Only, 11K0F3E Mask D
- 6E-19 –429.9875 MHz, 25 kHz, 2000/3000 Hz FSK Data and PL Tone Modulation Only, 16K0F3E Mask B (Not For FCC Review)
- 6E-20 –460.0125 MHz, 25 kHz, 2000/3000 Hz FSK Data and PL Tone Modulation Only, 16K0F3E Mask B (Not For FCC Review)

- 6E-21 –429.9875 MHz, 12.5 kHz, 2000/3000 Hz FSK Data and DPL Tone Modulation Only, 11K0F3E Mask D
- 6E-22 –460.0125 MHz, 12.5 kHz, 2000/3000 Hz FSK Data and DPL Tone Modulation Only, 11K0F3E Mask D
- 6E-23 –429.9875 MHz, 25 kHz, 2000/3000 Hz FSK Data and DPL Tone Modulation Only, 16K0F3E Mask B (Not For FCC Review)
- 6E-24 –460.0125 MHz, 25 kHz, 2000/3000 Hz FSK Data and DPL Tone Modulation Only, 16K0F3E Mask B (Not For FCC Review)
- 6E-25 –429.9875 MHz, 0.153 Test Pattern 4FSK Data (F2 BER) Modulation, 7K60FXD Mask D
- 6E-26 –460.0125 MHz, 0.153 Test Pattern 4FSK Data (F2 BER) Modulation, 7K60FXD Mask D
- 6E-27 –429.9875 MHz, 0.153 Test Pattern 4FSK Voice (F2 1031) Modulation, 7K60FXE Mask D
- 6E-28 –460.0125 MHz, 0.153 Test Pattern 4FSK Voice (F2 1031) Modulation, 7K60FXE Mask D
- 6E-29 –429.9875 MHz, 0.153 Test Pattern 4FSK Voice and Data Modulation, 7K60F1W Mask D
- 6E-30 –460.0125 MHz, 0.153 Test Pattern 4FSK Voice and Data Modulation, 7K60F1W Mask D

EXHIBIT 6F– Conducted Spurious Emissions

- 6F-1 – 4.8W Harmonic of Carrier 403.0125 MHz, 12.5 kHz Channel Spacing
- 6F-2 – 4.8W Harmonic of Carrier 406.1125 MHz, 12.5 kHz Channel Spacing
- 6F-3 – 4.8W Harmonic of Carrier 429.9875 MHz, 12.5 kHz Channel Spacing
- 6F-4 – 4.8W Harmonic of Carrier 450.0125 MHz, 12.5 kHz Channel Spacing
- 6F-5 – 4.8W Harmonic of Carrier 460.0125 MHz, 12.5 kHz Channel Spacing
- 6F-6 – 4.8W Harmonic of Carrier 469.9875 MHz, 12.5 kHz Channel Spacing
- 6F-7 – 4.8W Harmonic of Carrier 481.0125 MHz, 12.5 kHz Channel Spacing
- 6F-8 – 4.8W Harmonic of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing
- 6F-9 – 4.8W Harmonic of Carrier 403.0125 MHz, 25 kHz Channel Spacing(Not for FCC Review)
- 6F-10 – 4.8W Harmonic of Carrier 406.1125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6F-11 – 4.8W Harmonic of Carrier 429.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6F-12 – 4.8W Harmonic of Carrier 450.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6F-13 – 4.8W Harmonic of Carrier 460.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6F-14– 4.8W Harmonic of Carrier 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6F-15– 4.8W Harmonic of Carrier 481.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6F-16 – 4.8W Harmonic of Carrier 511.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

EXHIBIT 6G – Radiated Spurious Emissions

- 6G-1 – 4.8W Harmonic of Carrier 403.0125 MHz, 12.5 kHz Channel Spacing
- 6G-2 – 4.8W Harmonic of Carrier 406.1125 MHz, 12.5 kHz Channel Spacing
- 6G-3 – 4.8W Harmonic of Carrier 429.9875 MHz, 12.5 kHz Channel Spacing
- 6G-4 – 4.8W Harmonic of Carrier 450.0125 MHz, 12.5 kHz Channel Spacing
- 6G-5 – 4.8W Harmonic of Carrier 460.0125 MHz, 12.5 kHz Channel Spacing
- 6G-6 – 4.8W Harmonic of Carrier 469.9875 MHz, 12.5 kHz Channel Spacing
- 6G-7 – 4.8W Harmonic of Carrier 481.0125 MHz, 12.5 kHz Channel Spacing
- 6G-8 – 4.8W Harmonic of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing
- 6G-9 – 4.8W Harmonic of Carrier 403.0125 MHz, 25 kHz Channel Spacing
- 6G-10 – 4.8W Harmonic of Carrier 406.1125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-11 – 4.8W Harmonic of Carrier 429.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-12 – 4.8W Harmonic of Carrier 450.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-13 – 4.8W Harmonic of Carrier 460.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-14– 4.8W Harmonic of Carrier 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-15 – 4.8W Harmonic of Carrier 481.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)
- 6G-16 – 4.8W Harmonic of Carrier 511.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

EXHIBIT 6H – Frequency Stability (Volt/Temp)

- 6H-1– 429.9875 MHz vs. Supply Voltage
- 6H-2– 460.0125 MHz vs. Supply Voltage
- 6H-3– 429.9875 MHz vs. Temperature
- 6H-4– 460.0125 MHz vs. Temperature

EXHIBIT 6I - Transient Frequency Behavior

- 6I-1 - 429.9875 MHz, 12.5 kHz Channel Spacing - Transmitter On
- 6I-2 - 429.9875 MHz, 12.5 kHz Channel Spacing - Transmitter Off
- 6I-3 - 460.0125 MHz, 12.5 kHz Channel Spacing - Transmitter On
- 6I-4 - 460.0125 MHz, 12.5 kHz Channel Spacing - Transmitter Off
- 6I-5 - 429.9875 MHz, 25 kHz Channel Spacing - Transmitter On (Not for FCC Review)
- 6I-6 - 429.9875 MHz, 25 kHz Channel Spacing - Transmitter Off (Not for FCC Review)
- 6I-7 - 460.0125 MHz, 25 kHz Channel Spacing - Transmitter On (Not for FCC Review)
- 6I-8 - 460.0125 MHz, 25 kHz Channel Spacing - Transmitter Off (Not for FCC Review)

** 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 March 2013. See Table 2 in Ex07_test procedures

Radio model tested: AAH69RDC9KA2AN

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

EXHIBIT 6A

RF Conducted Power Output Data

Frequency = 403.0125 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.78 Amps
Output RF power	4.80 Watts
DC Voltage	7.50 Volts
DC Current	1.65 Amps

Frequency = 406.1125 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.76 Amps
Output RF power	4.80 Watts
DC Voltage	7.50 Volts
DC Current	1.68 Amps

Frequency= 429.9875 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.71 Amps
Output RF power	4.80 Watts
DC Voltage	7.50 Volts
DC Current	1.68 Amps

Frequency = 450.0125 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.81 Amps
Output RF power	4.80 Watts
DC Voltage	7.50 Volts
DC Current	1.68 Amps

Frequency= 460.0125 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.87 Amps
Output RF power	4.80 Watts
DC Voltage	7.50 Volts
DC Current	1.77 Amps

Frequency = 469.9875 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.90 Amps

Output RF power	4.80 Watts
DC Voltage	7.50 Volts
DC Current	1.84 Amps

Frequency= 481.0125 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.89 Amps

Output RF power	4.80 Watts
DC Voltage	7.50 Volts
DC Current	1.87 Amps

Frequency = 511.9875 MHz:

Output RF power	1.00 Watts
DC Voltage	7.50 Volts
DC Current	0.79 Amps

Output RF power	4.80 Watts
DC Voltage	7.50 Volts
DC Current	1.72 Amps

EXHIBIT 6B

Transmit Audio Frequency Response

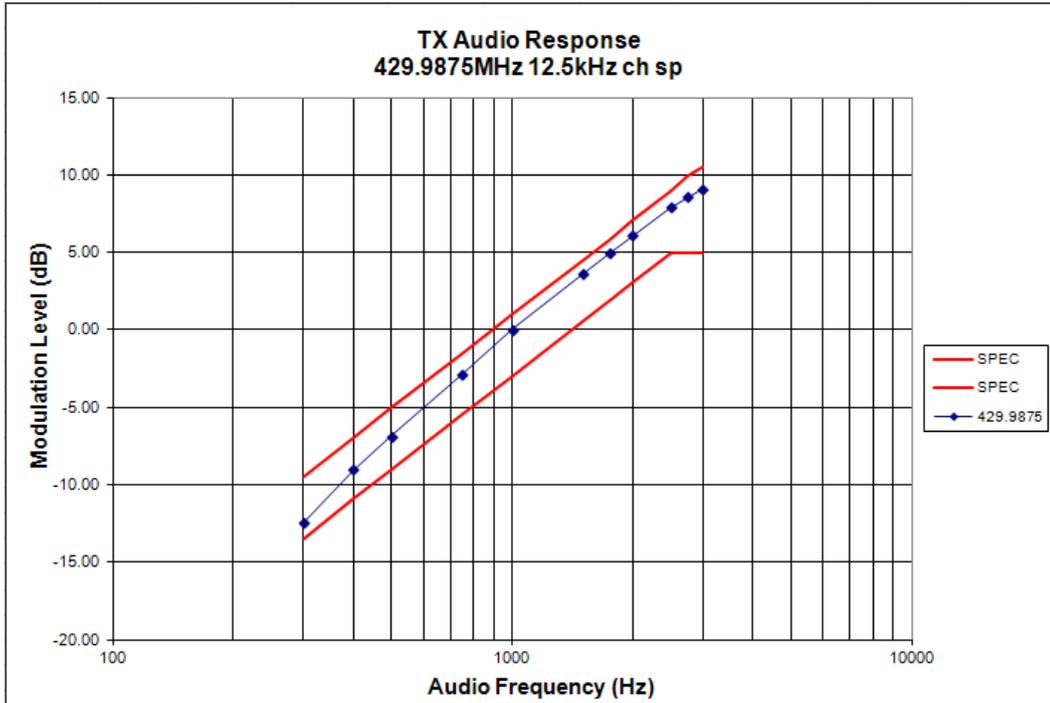


Exhibit 6B-1: 429.9875 MHz, 12.5 kHz Channel Spacing, Transmit Audio Frequency Response

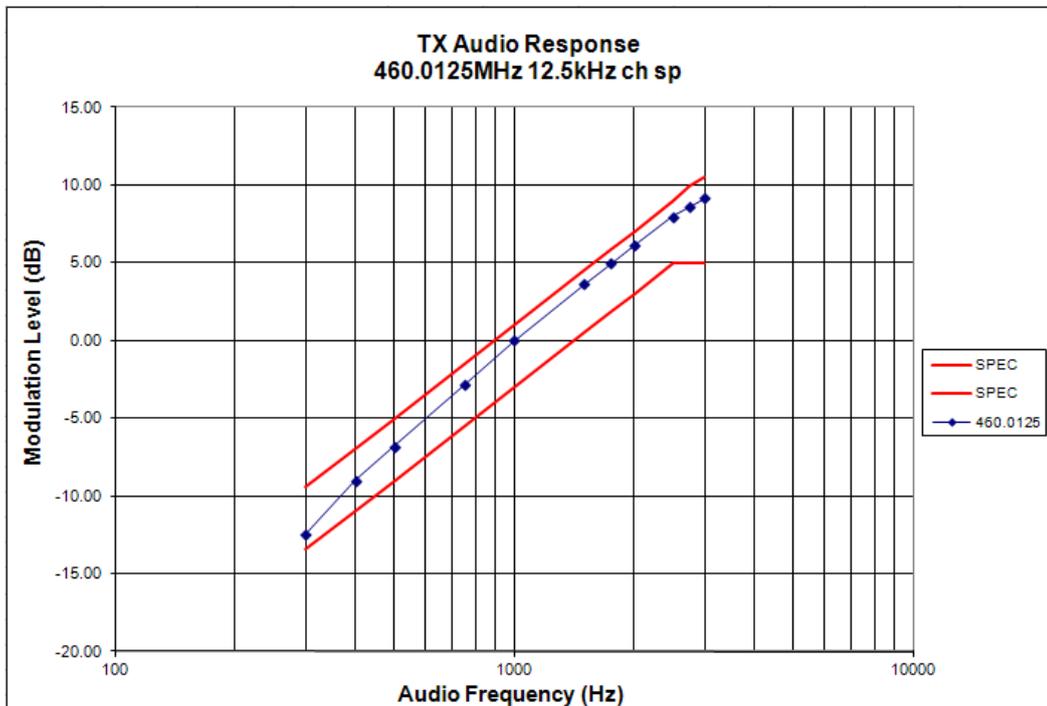


Exhibit 6B-2: 460.0125 MHz, 12.5 kHz Channel Spacing, Transmit Audio Frequency Response

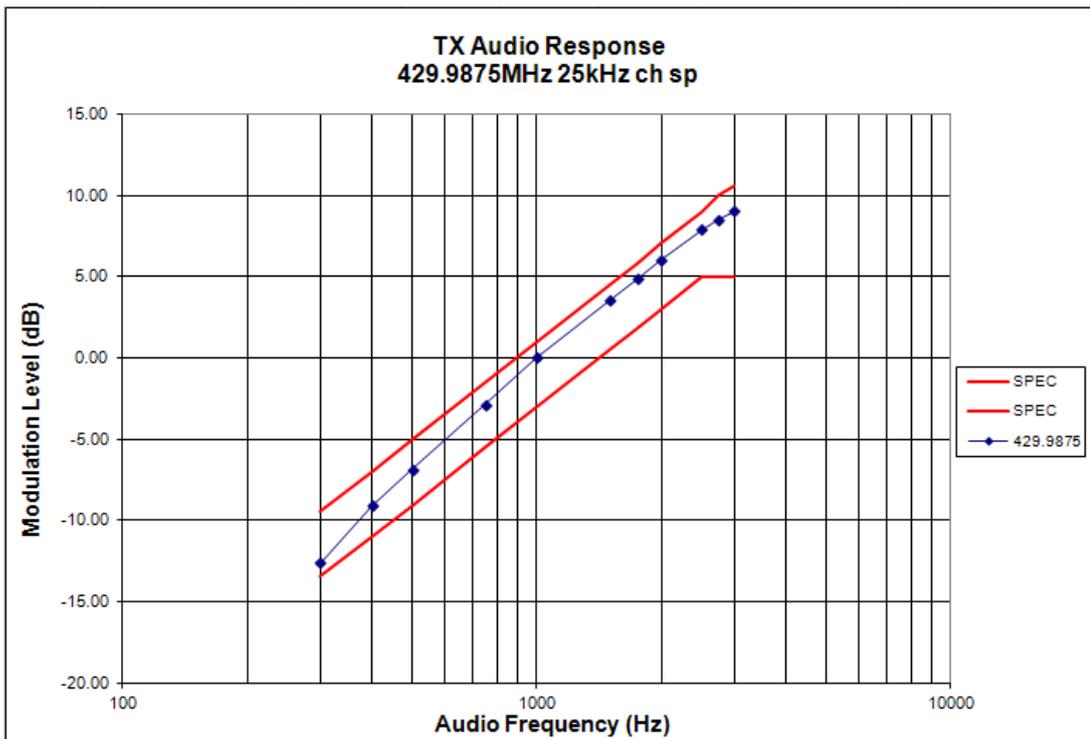


Exhibit 6B-3: 429.9875 MHz, 25 kHz Channel Spacing, Transmit Audio Frequency Response (Not For FCC Review)

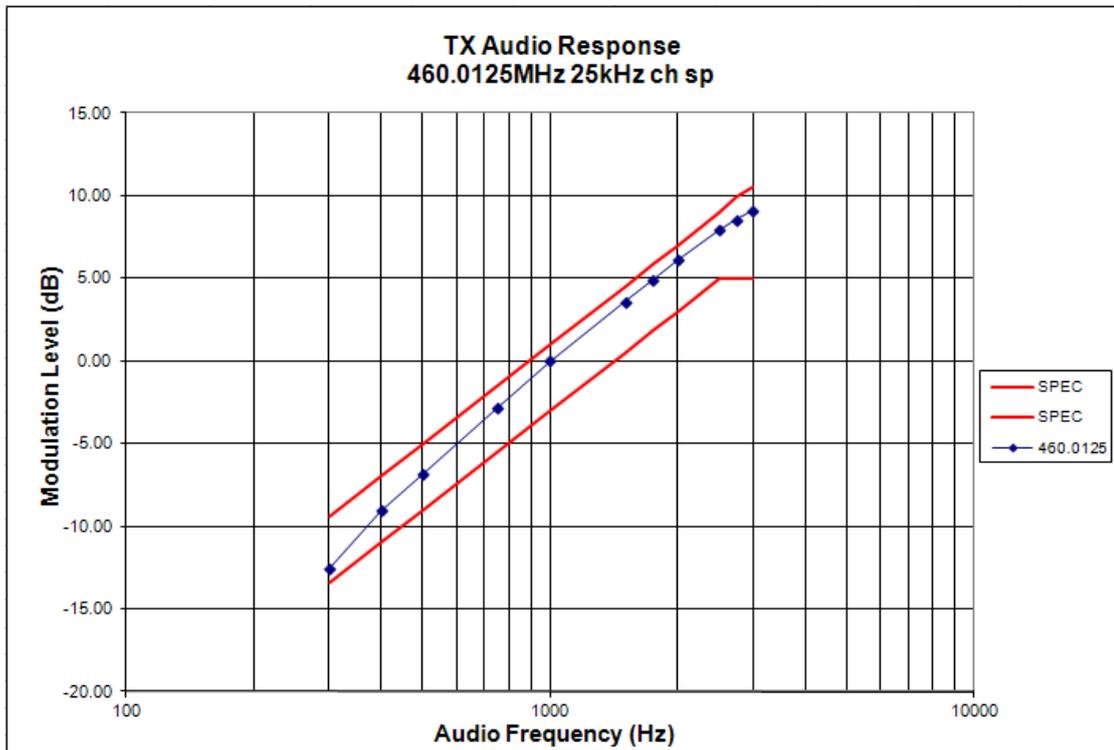


Exhibit 6B-4: 460.0125 MHz, 25 kHz Channel Spacing, Transmit Audio Frequency Response (Not For FCC Review)

EXHIBIT 6C

Transmit Audio Low Pass Filter Response

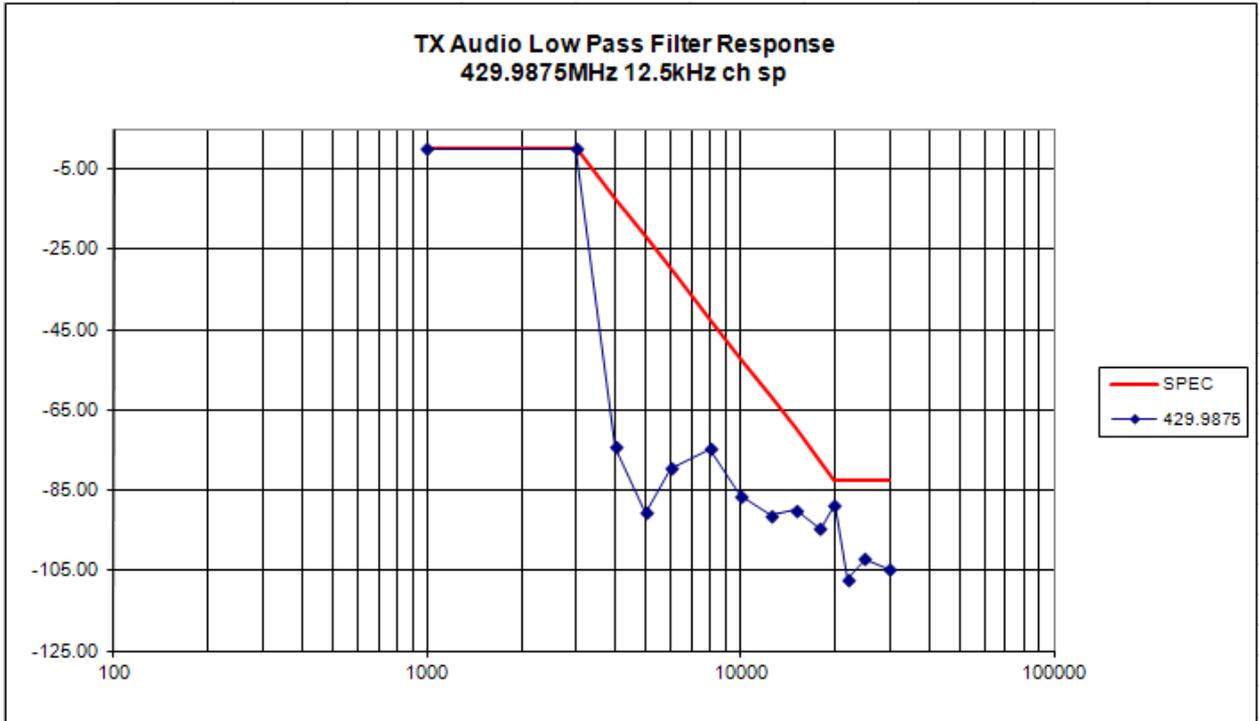


Exhibit 6C-1: 429.9875 MHz, 12.5 kHz Channel Spacing, Transmit Audio Low Pass Filter Response

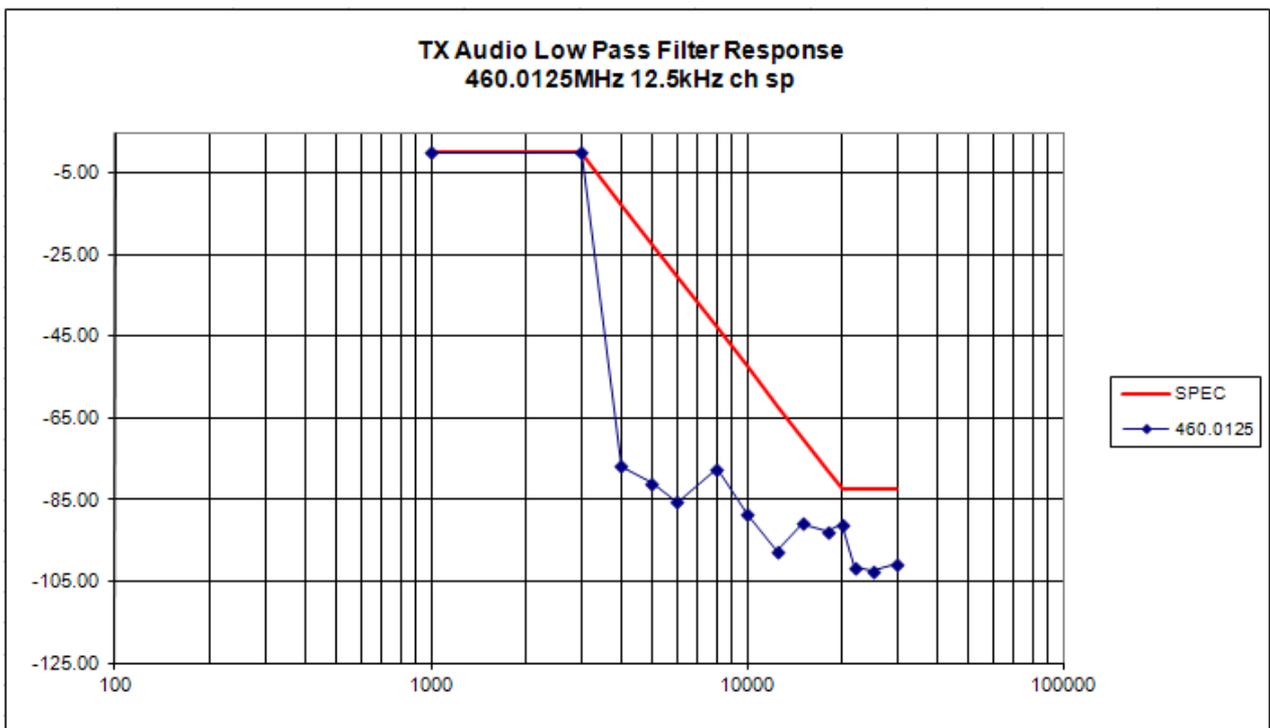


Exhibit 6C-2: 460.0125 MHz, 12.5 kHz Channel Spacing, Transmit Audio Low Pass Filter Response

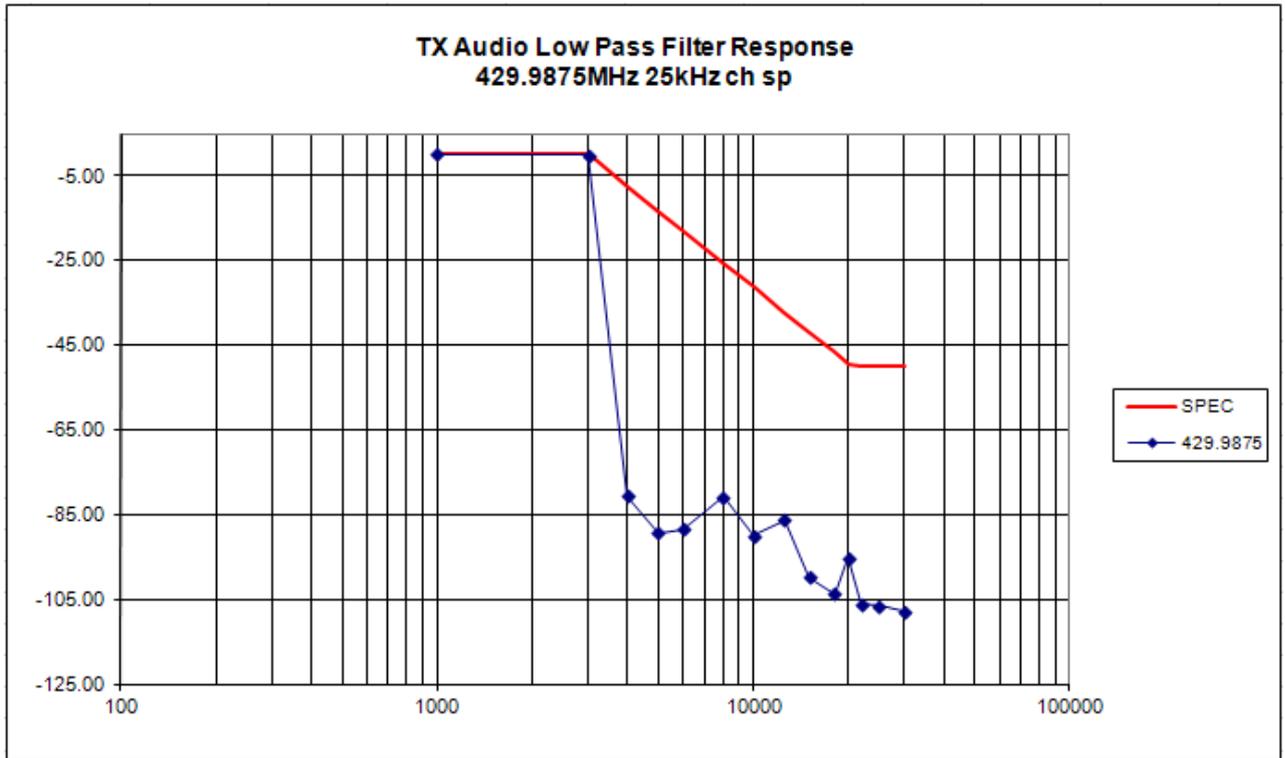


Exhibit 6C-3: 429.9875 MHz, 25 kHz Channel Spacing, Transmit Audio Low Pass Filter Response (Not For FCC Review)

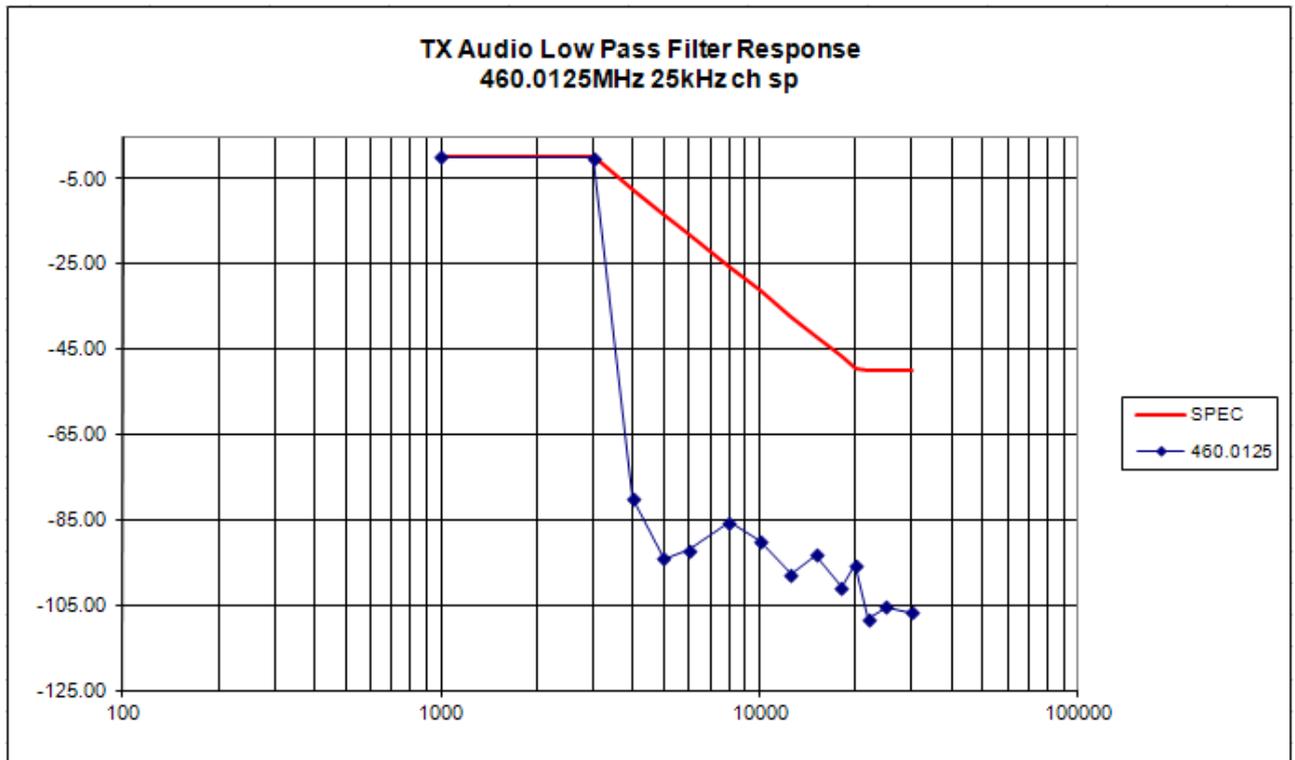


Exhibit 6C-4: 460.0125 MHz, 25 kHz Channel Spacing, Transmit Audio Low Pass Filter Response (Not For FCC Review)

EXHIBIT 6D

Modulation Limiting

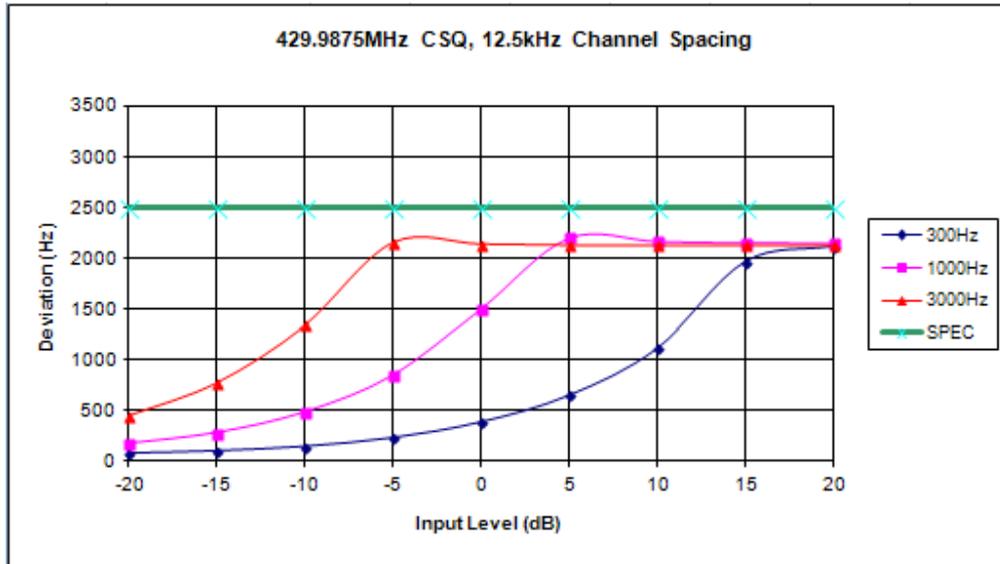


Figure 6D-1: 429.9875 MHz, 12.5 kHz Channel Spacing, Modulation Limiting

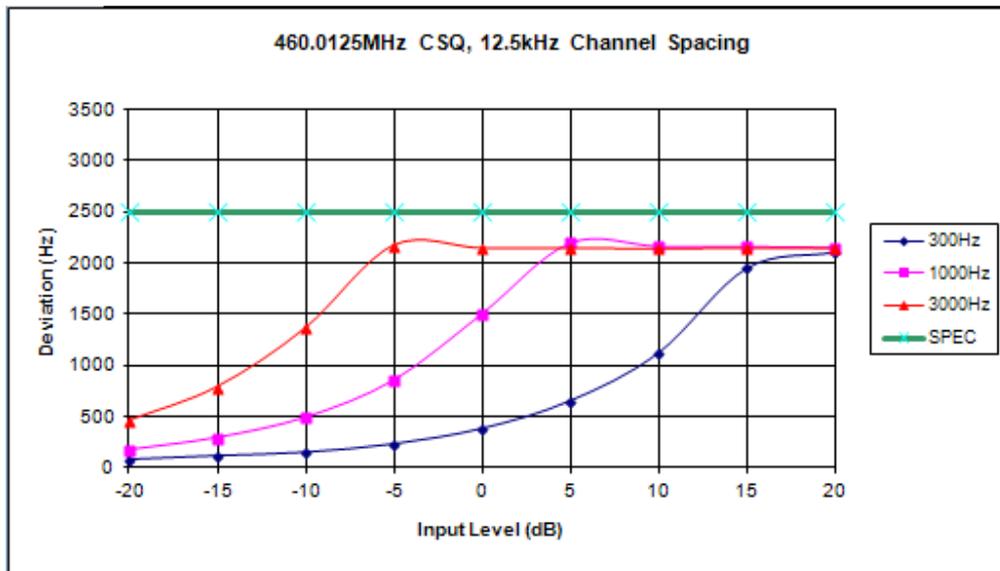


Figure 6D-2: 460.0125 MHz, 12.5 kHz Channel Spacing, Modulation Limiting

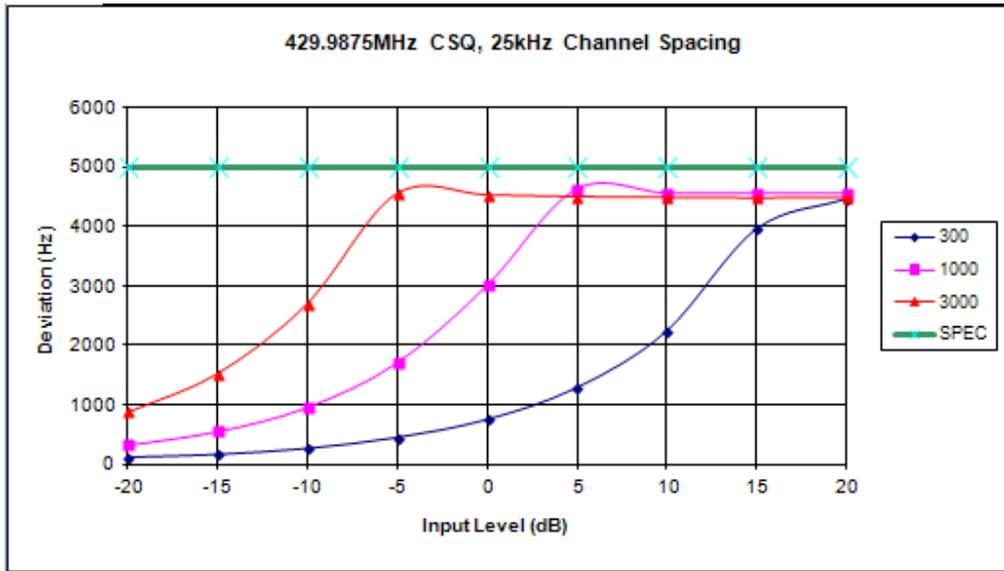


Figure 6D-3: 429.9875 MHz, 25 kHz Channel Spacing, Modulation Limiting (Not For FCC Review)

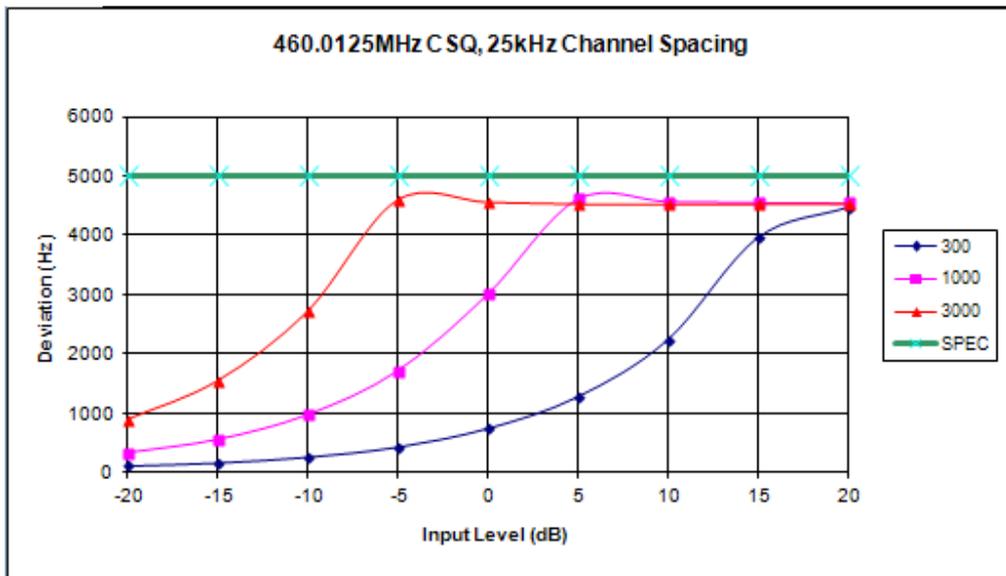


Figure 6D-4: 460.0125 MHz, 25 kHz Channel Spacing, Modulation Limiting (Not For FCC Review)

BANDWIDTH CALCULATIONS:

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

Shown below are the calculations required for FCC ID: AZ489FT4914.

Standard Audio Modulation (25 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 5.0 kHz deviation.

BW = 2(M+D) = 2*(3.0 kHz + 5.0 kHz) = 16 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 kHz + 2.5 kHz) = 11 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 (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)

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 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
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)

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**.

EXHIBIT 6E

Occupied Bandwidth Data

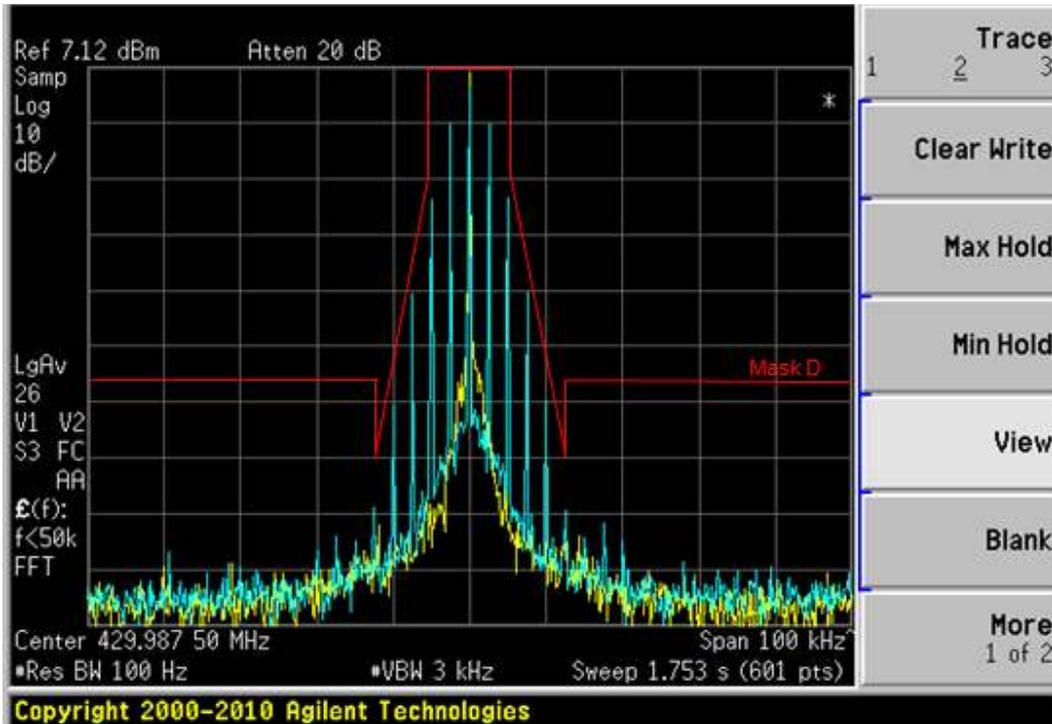


Figure 6E-1: 429.9875 MHz, 12.5 kHz, 2500 Hz Audio Modulation Only, 11K0F3E Mask D

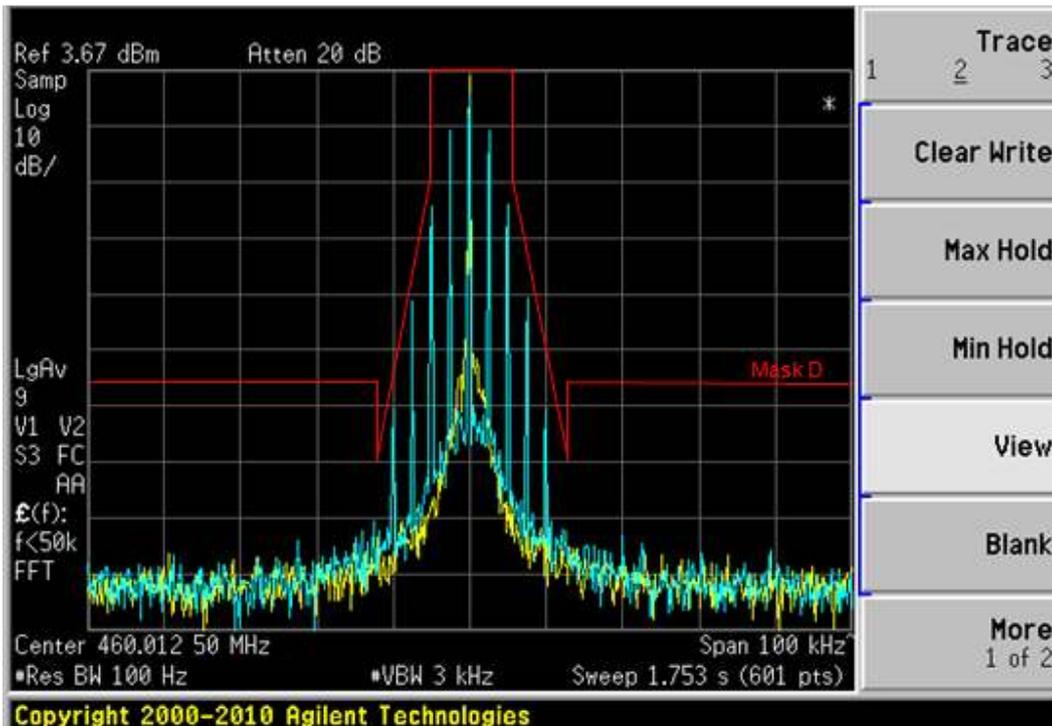


Figure 6E-2: 460.0125 MHz, 12.5 kHz, 2500 Hz Audio Modulation Only, 11K0F3E Mask D

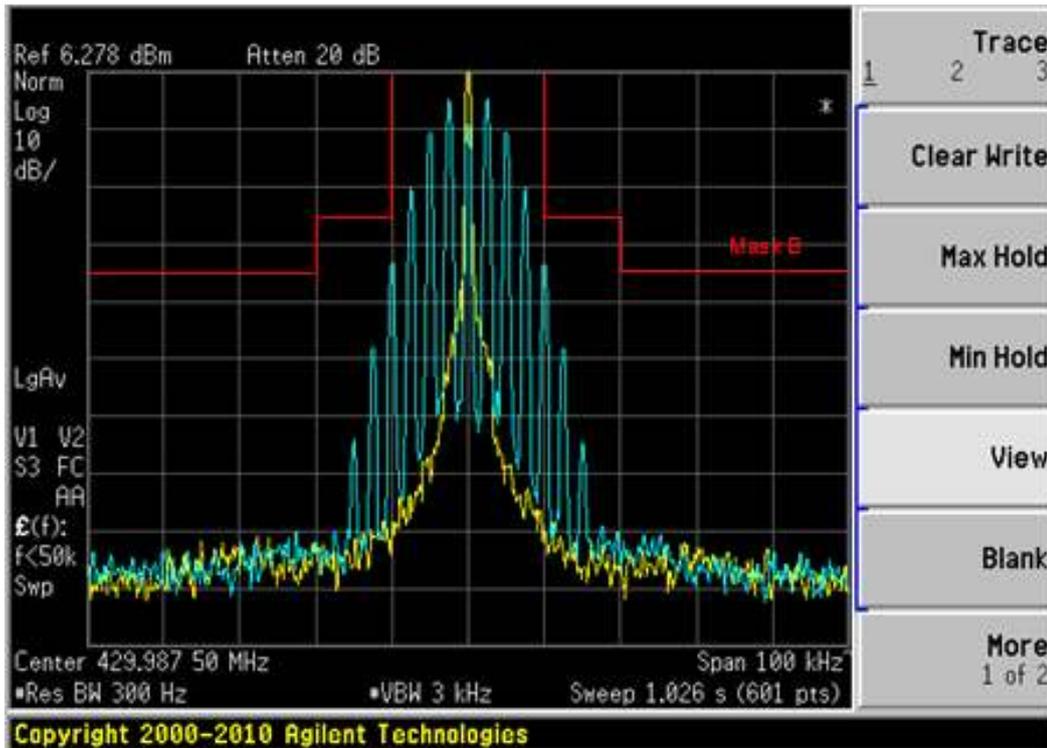


Figure 6E-3: 429.9875 MHz, 25 kHz, 2500 Hz Audio Modulation Only, 16K0F3E Mask B (Not For FCC Review)

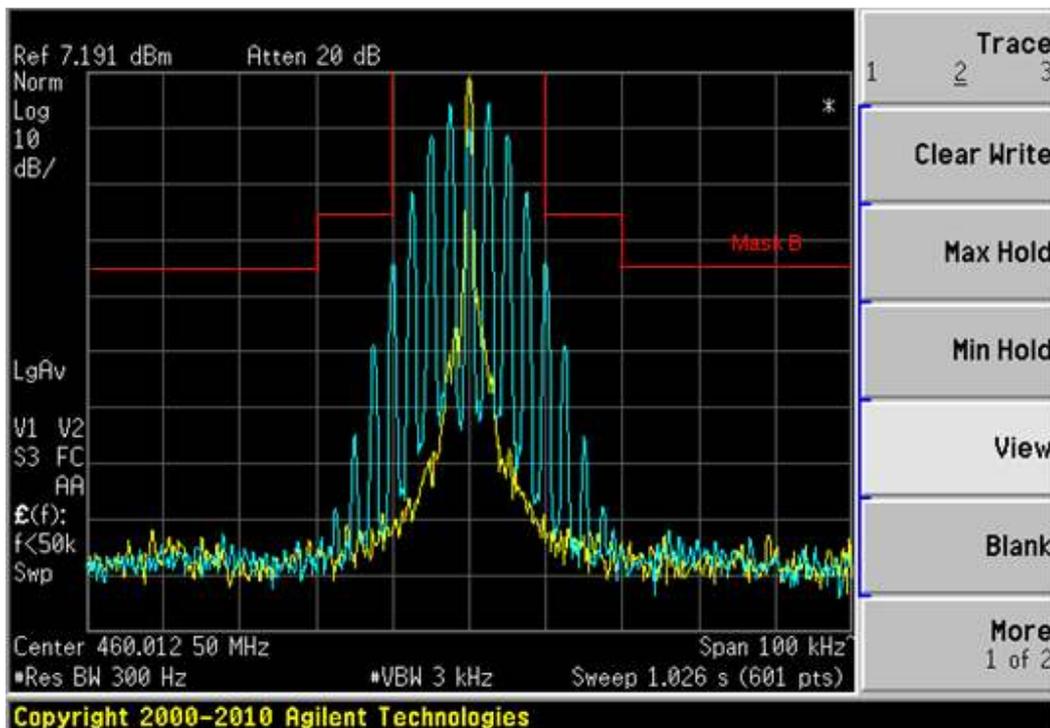


Figure 6E-4: 460.0125 MHz, 25 kHz, 2500 Hz Audio Modulation Only, 16K0F3E Mask B (Not For FCC Review)

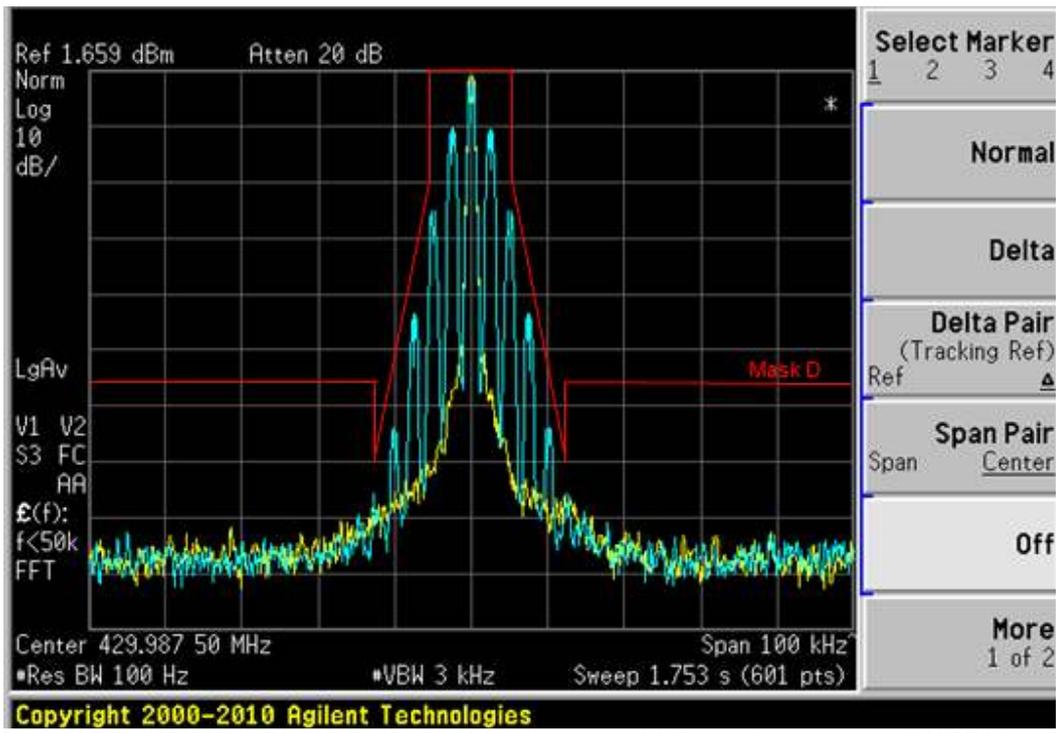


Figure 6E-5: 429.9875 MHz, 12.5 kHz, 2500 Hz Audio and PL Tone Modulation, 11K0F3E Mask D

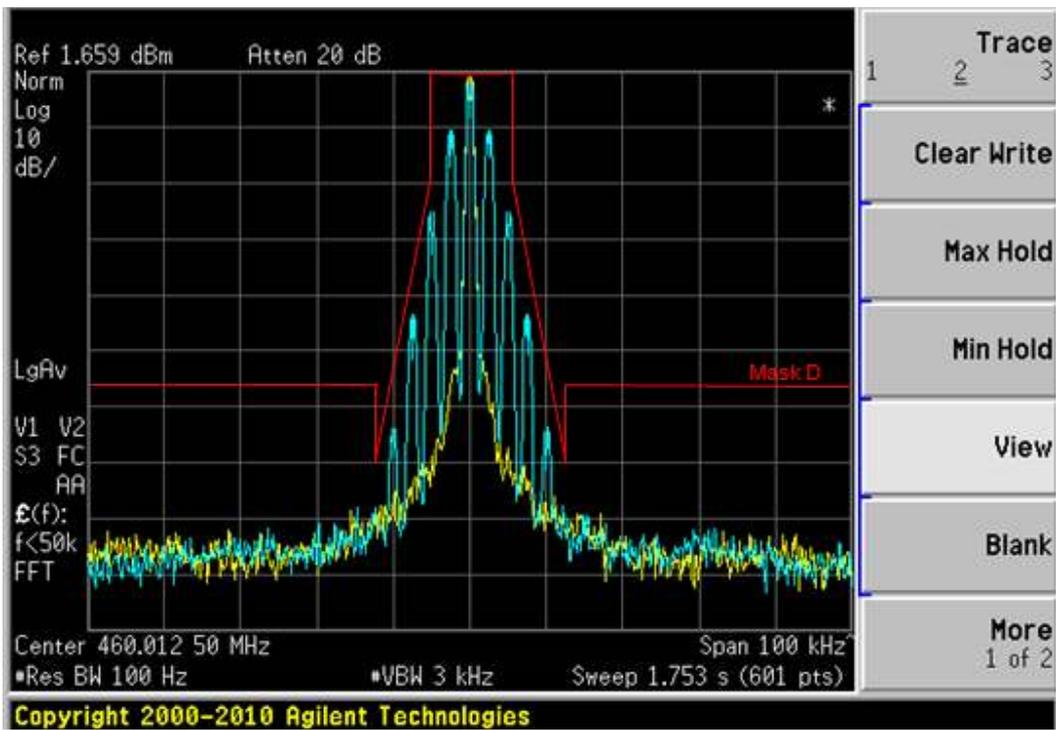


Figure 6E-6: 460.0125 MHz, 12.5 kHz, 2500 Hz Audio and PL Tone Modulation, 11K0F3E Mask D

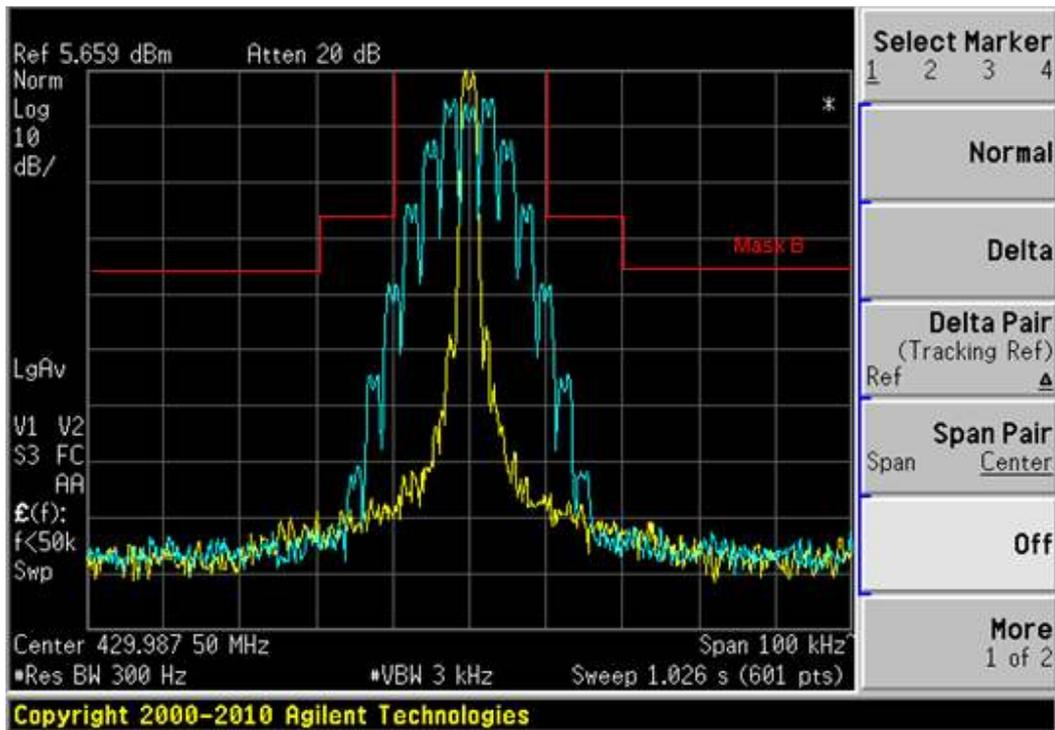


Figure 6E-7: 429.9875 MHz, 25 kHz, 2500 Hz Audio and PL Tone Modulation, 16K0F3E Mask B (Not For FCC Review)

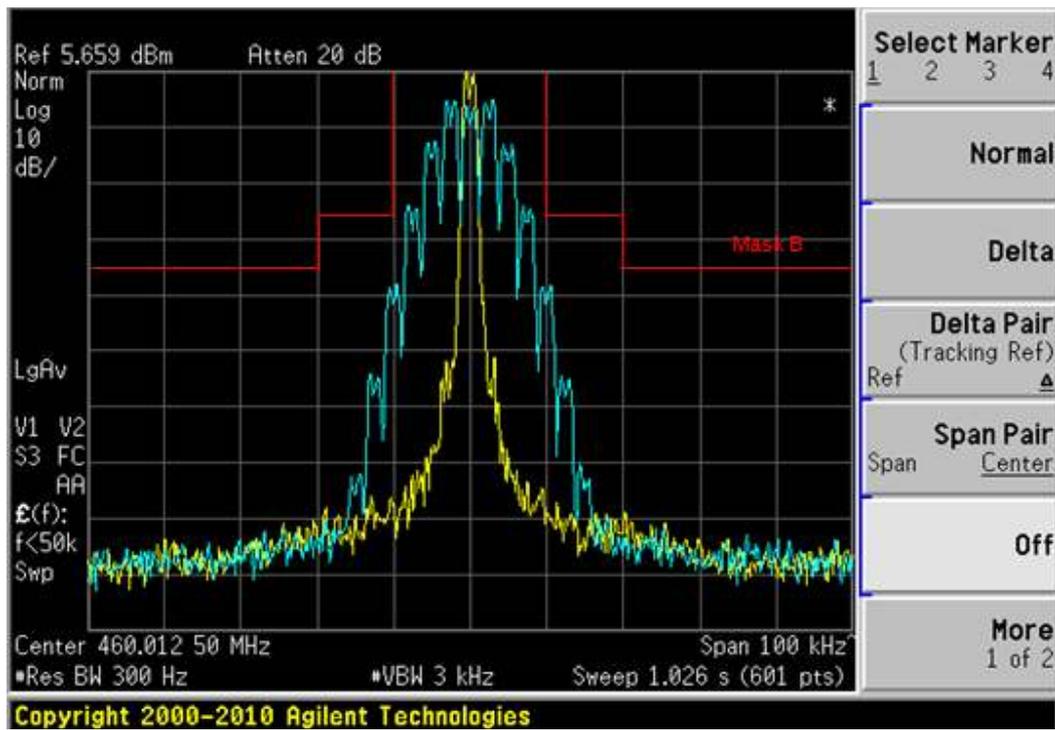


Figure 6E-8: 460.0125 MHz, 25 kHz, 2500 Hz Audio and PL Tone Modulation, 16K0F3E Mask B (Not For FCC Review)

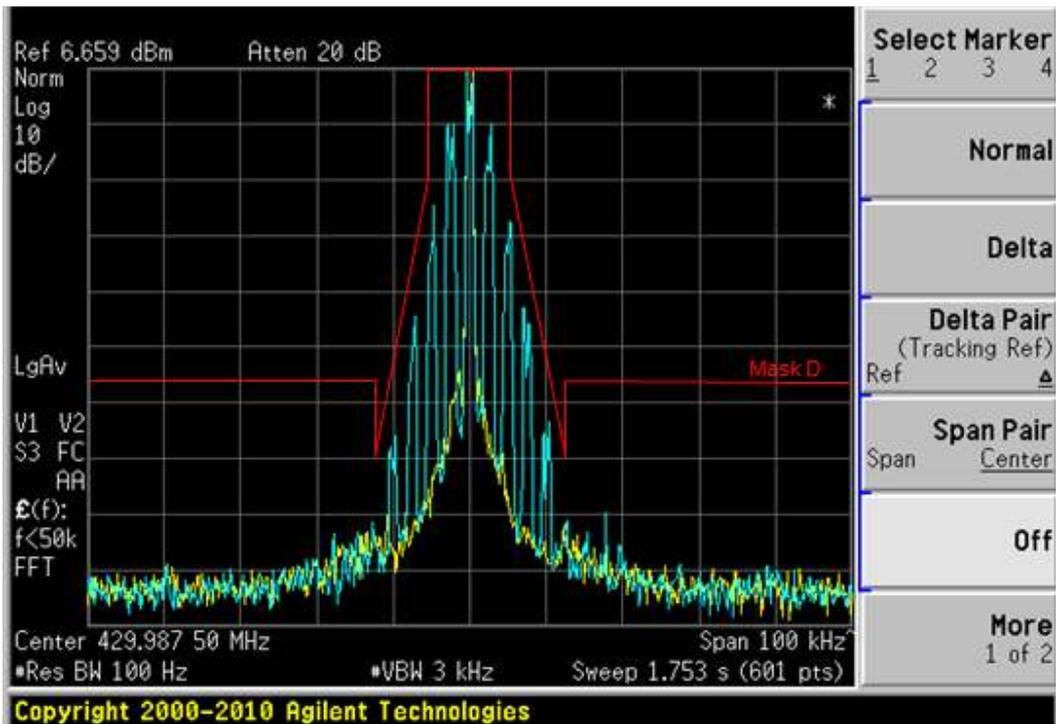


Figure 6E-9: 429.9875 MHz, 12.5 kHz, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E Mask D

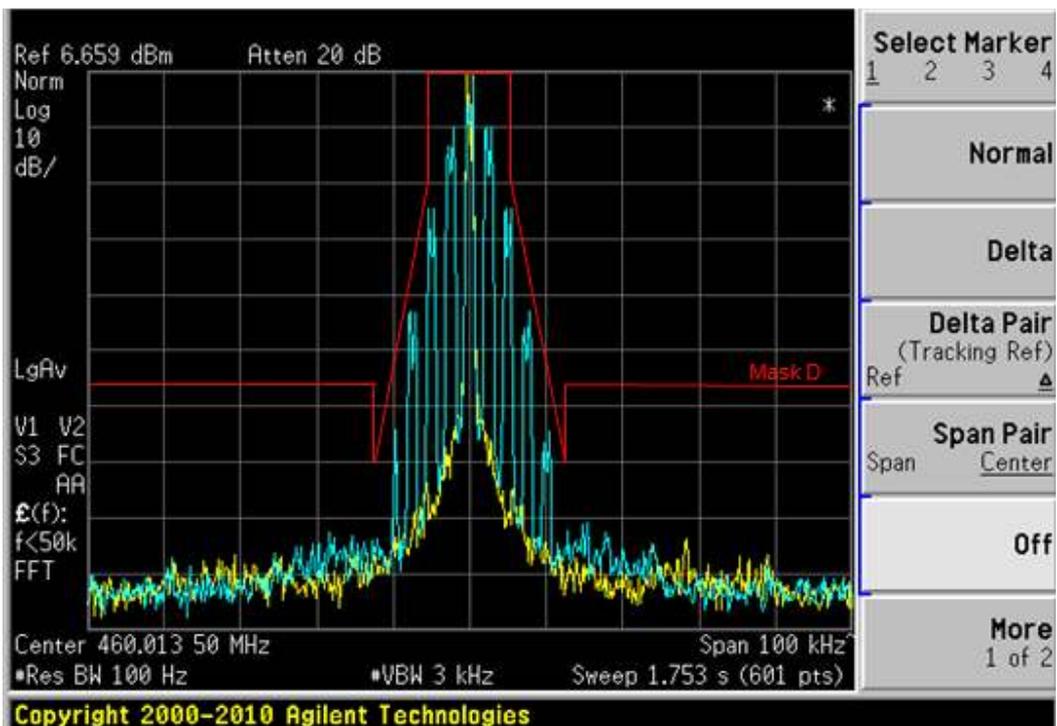


Figure 6E-10: 460.0125 MHz, 12.5 kHz, 2500 Hz Audio and DPL Tone Modulation, 11K0F3E Mask D

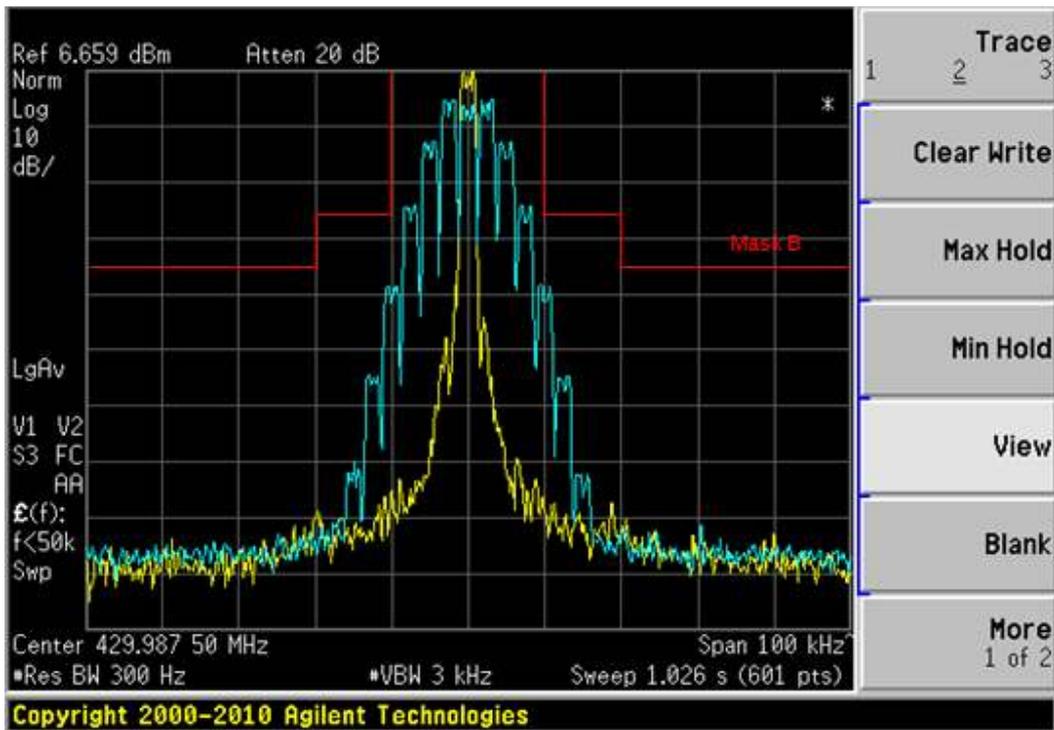


Figure 6E-11: 429.9875 MHz, 25 kHz, 2500 Hz Audio and DPL Tone Modulation, 16K0F3E Mask B (Not For FCC Review)

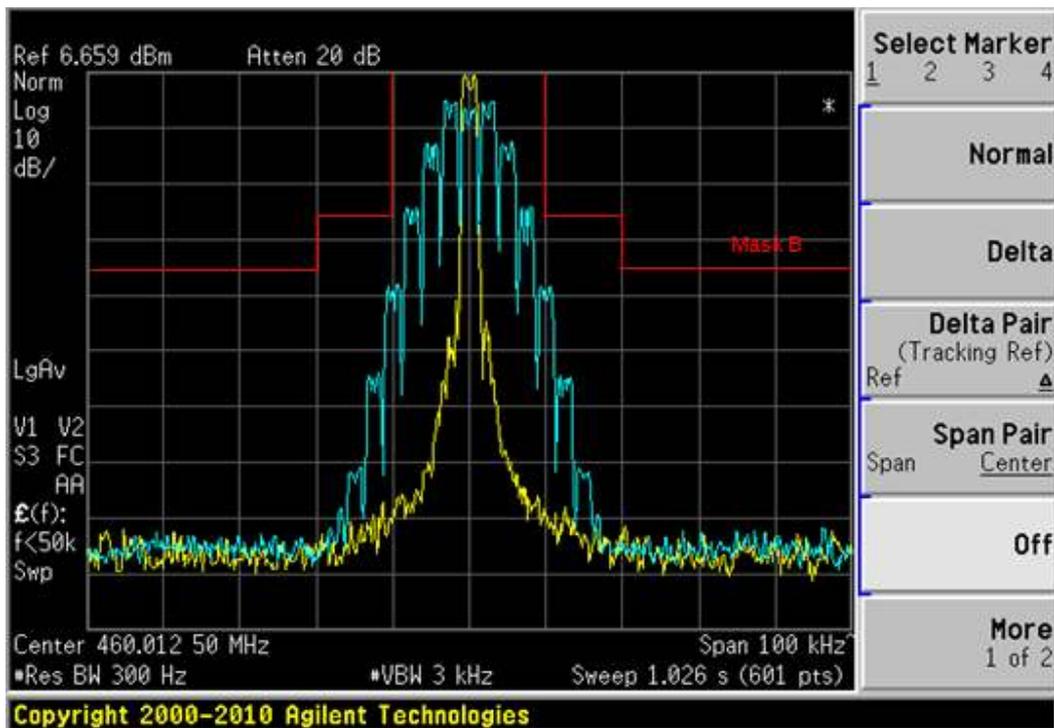


Figure 6E-12: 460.0125 MHz, 25 kHz, 2500 Hz Audio and DPL Tone Modulation, 16K0F3E Mask B (Not For FCC Review)

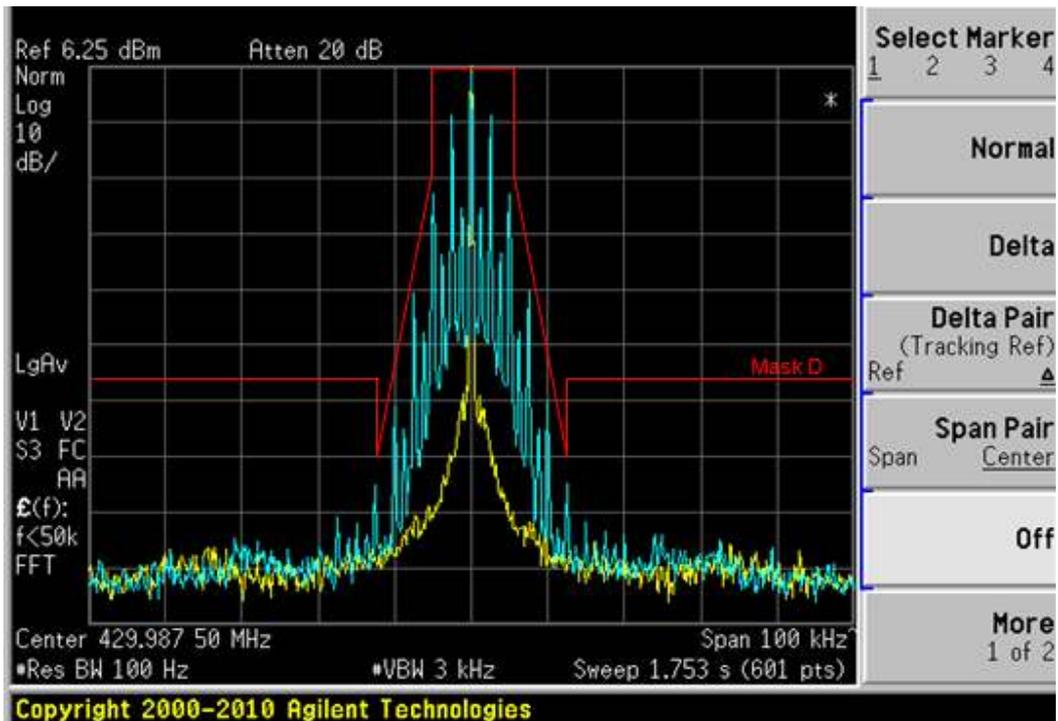


Figure 6E-13: 429.9875 MHz, 12.5 kHz, 2000/3000 Hz FSK Data Modulation Only, 11K0F3E Mask D

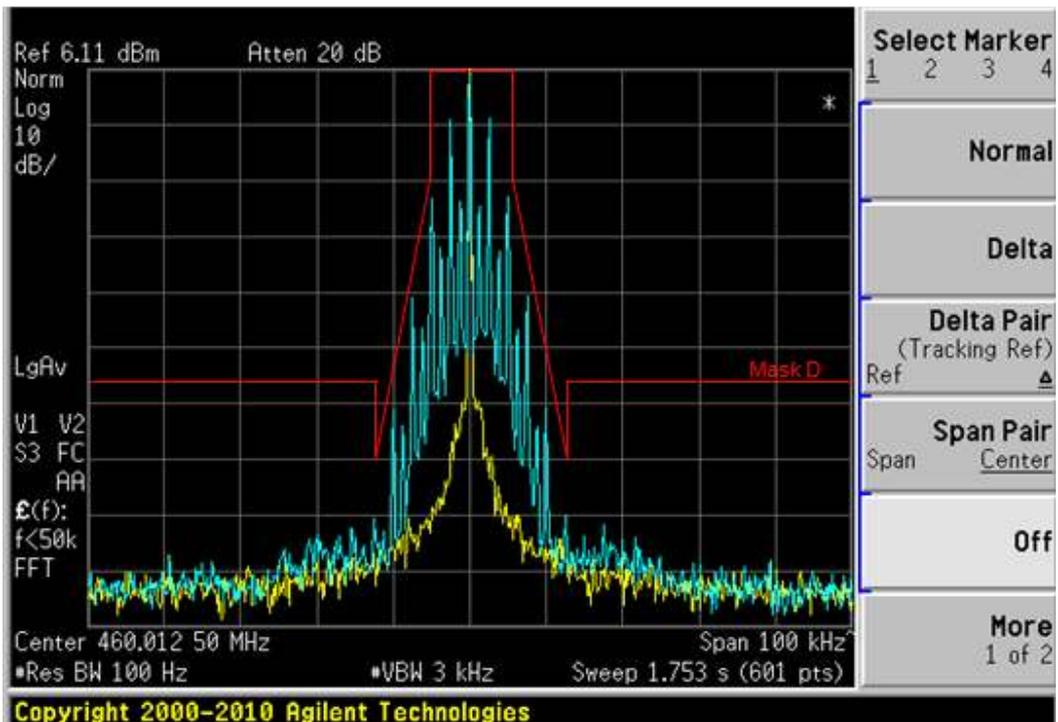


Figure 6E-14: 460.0125 MHz, 12.5 kHz, 2000/3000 Hz FSK Data Modulation Only, 11K0F3E Mask D

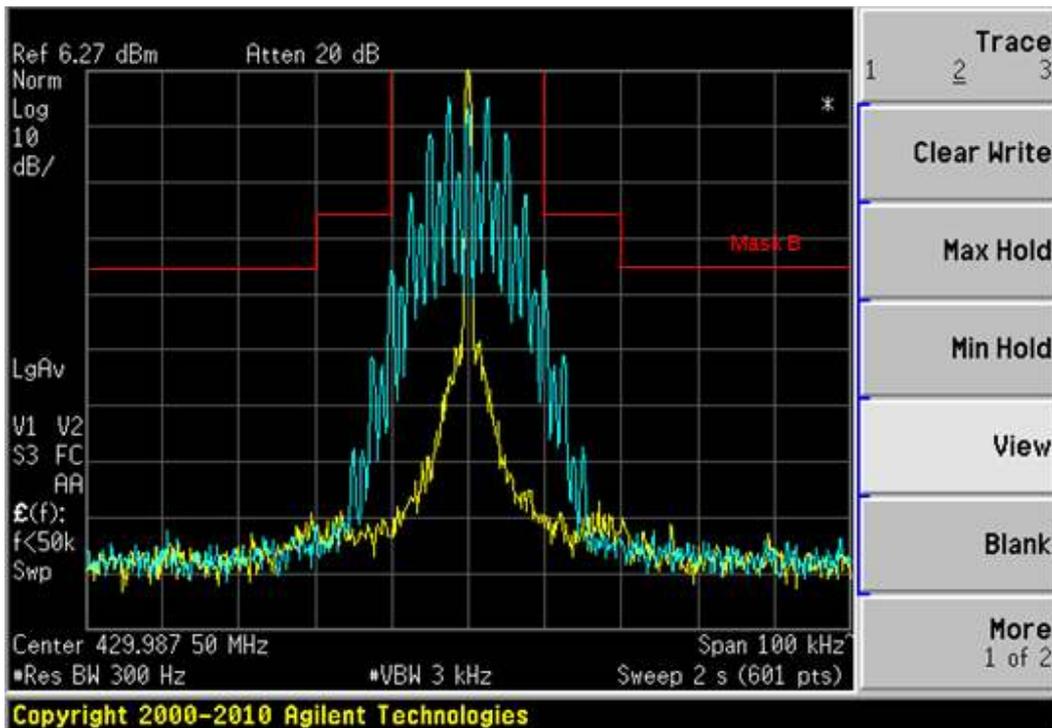


Figure 6E-15: 429.9875 MHz, 25 kHz, 2000/3000 Hz FSK Data Modulation Only, 16K0F3E Mask B (Not For FCC Review)

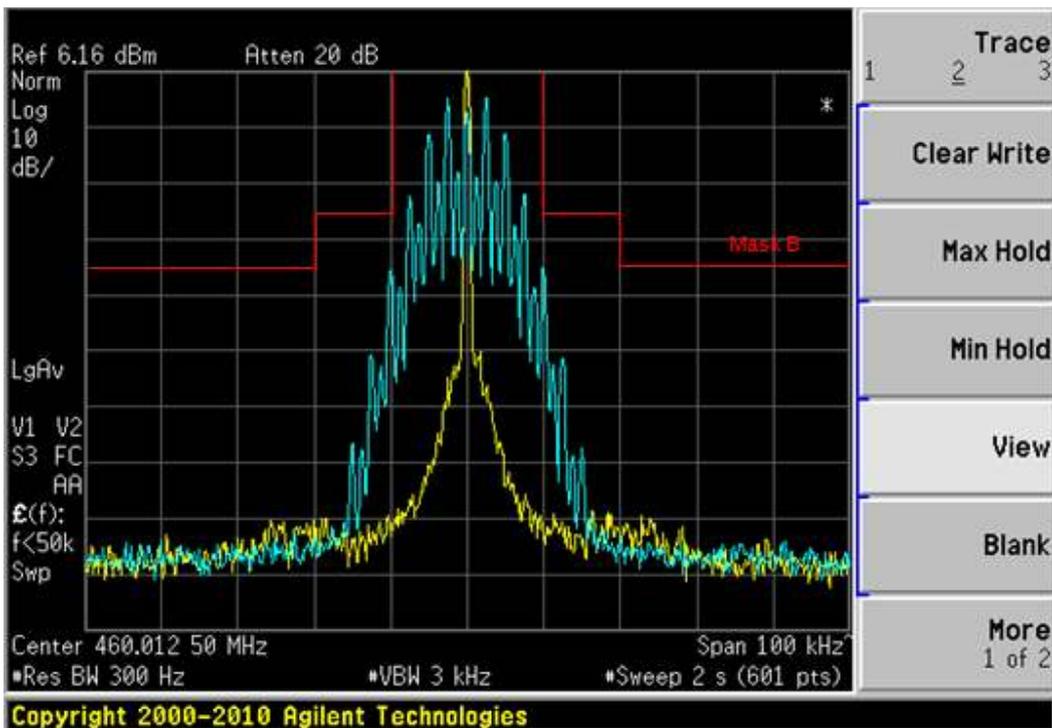


Figure 6E-16: 460.0125 MHz, 25 kHz, 2000/3000 Hz FSK Data Modulation Only, 16K0F3E Mask B (Not For FCC Review)

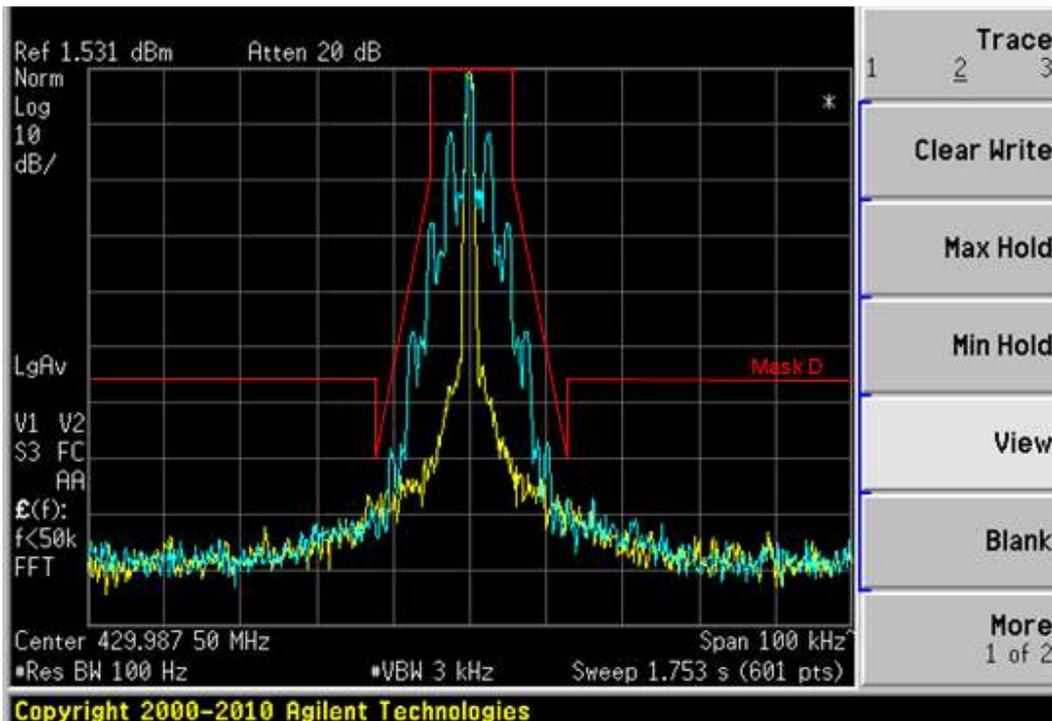


Figure 6E-17: 429.9875 MHz, 12.5 kHz, 2000/3000 Hz FSK Data and PL Tone Modulation Only, 11K0F3E Mask D

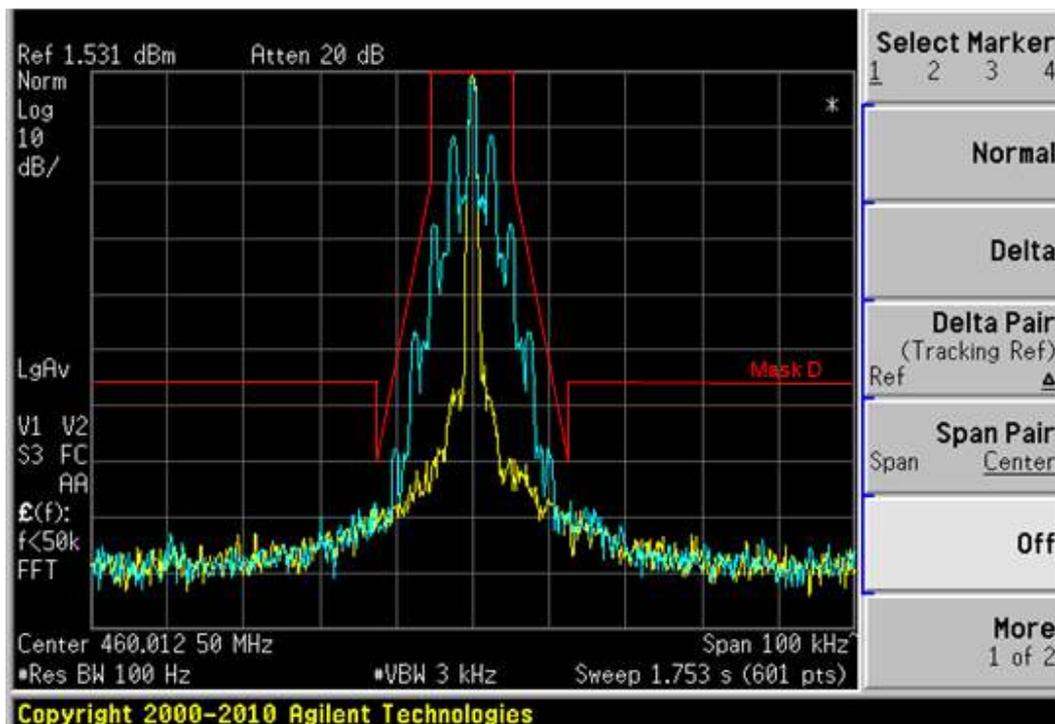


Figure 6E-18: 460.0125 MHz, 12.5 kHz, 2000/3000 Hz FSK Data and PL Tone Modulation Only, 11K0F3E Mask D

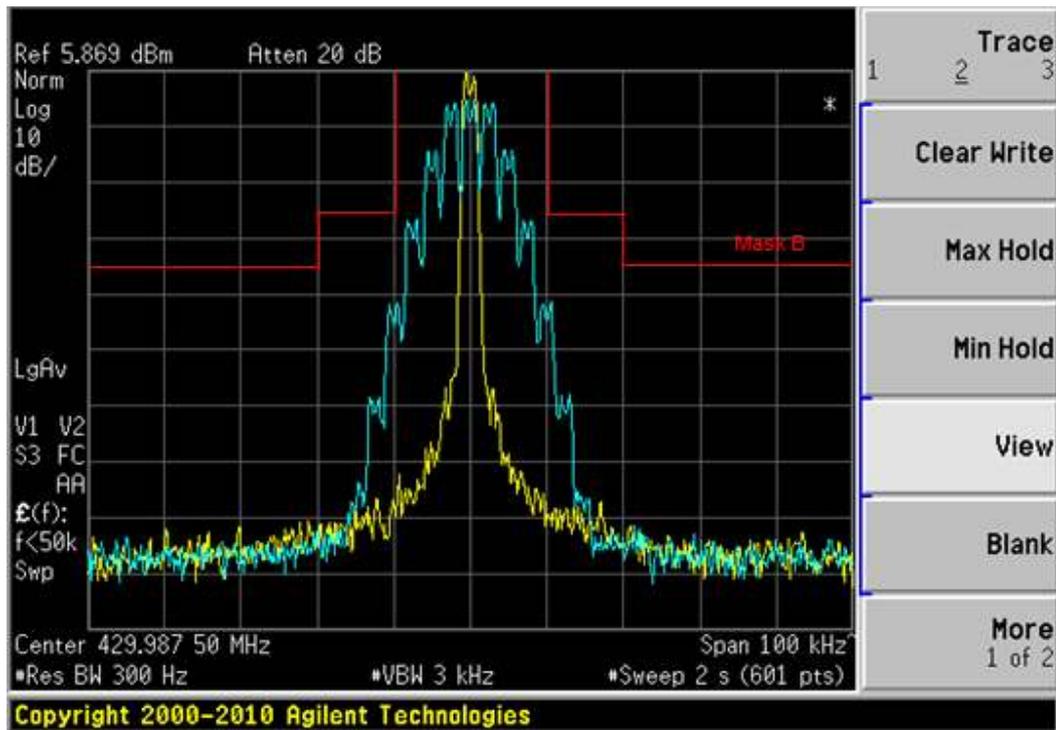


Figure 6E-19: 429.9875 MHz, 25 kHz, 2000/3000 Hz FSK Data and PL Tone Modulation Only, 16K0F3E Mask B (Not For FCC Review)

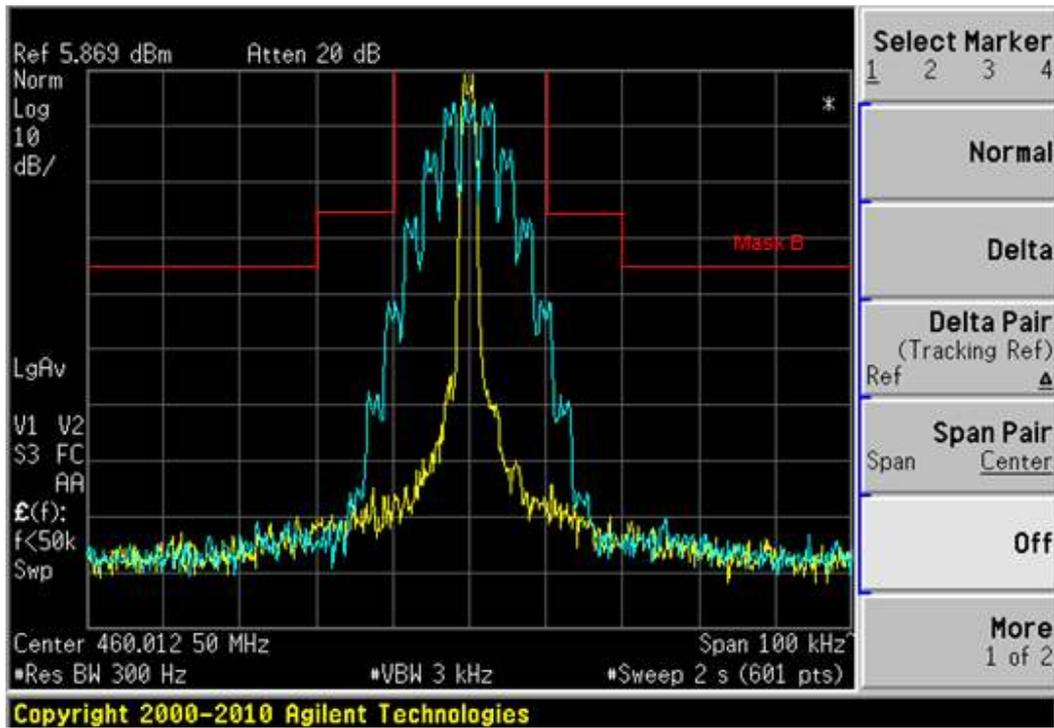


Figure 6E-20: 460.0125 MHz, 25 kHz, 2000/3000 Hz FSK Data and PL Tone Modulation Only, 16K0F3E Mask B (Not For FCC Review)

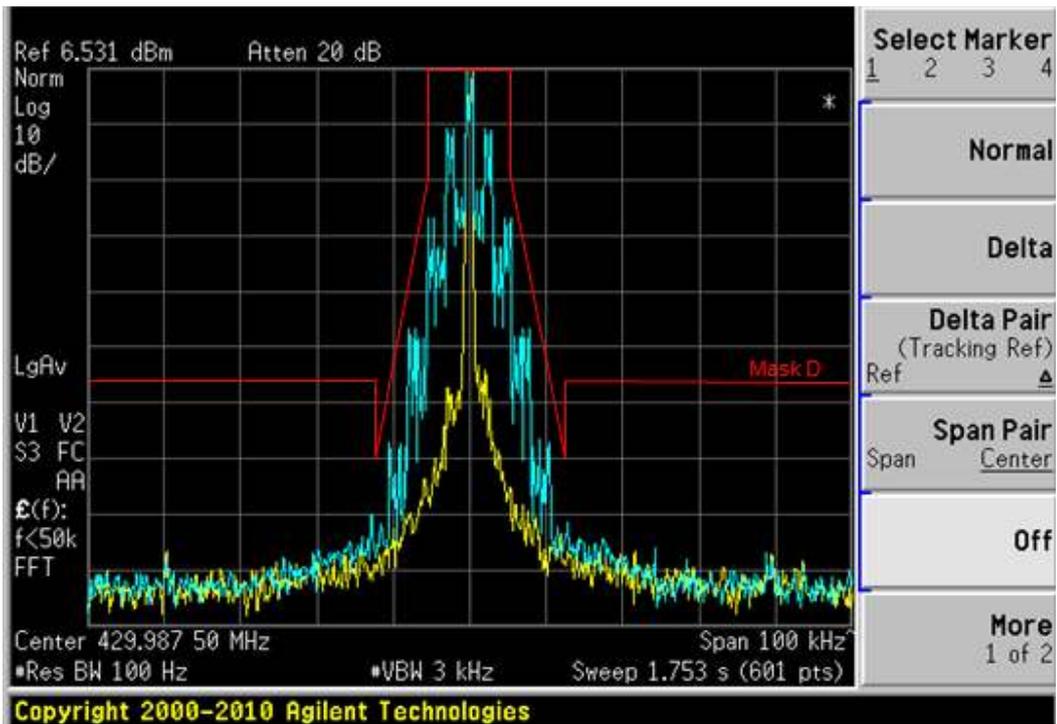


Figure 6E-21: 429.9875 MHz, 12.5 kHz, 2000/3000 Hz FSK Data and DPL Tone Modulation Only, 11K0F3E Mask D

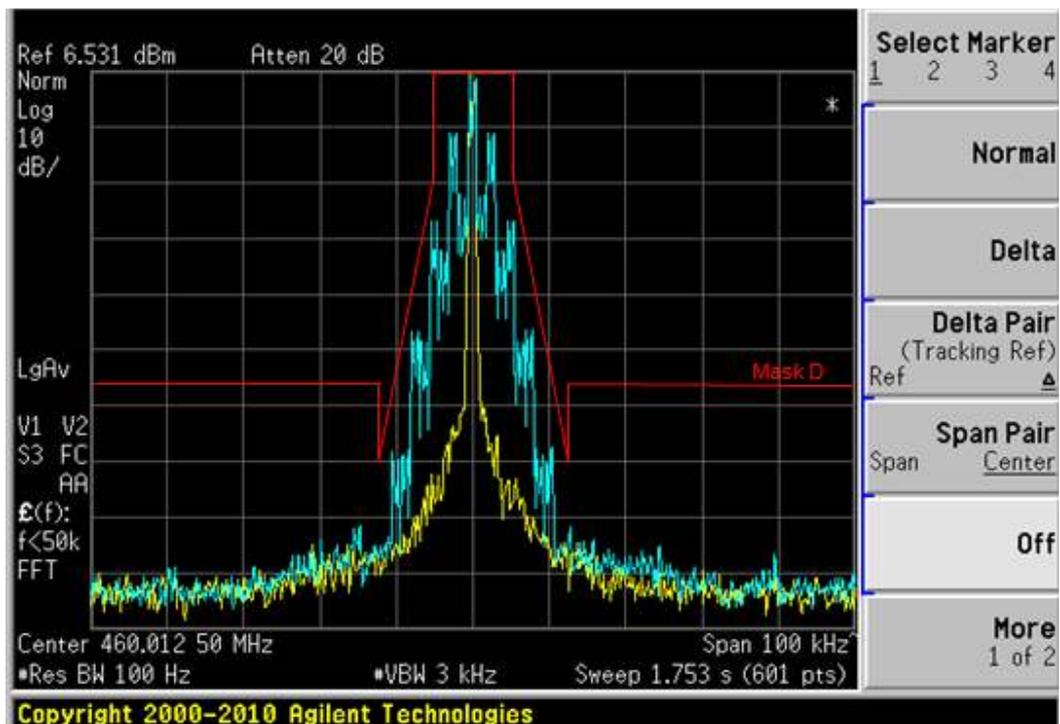


Figure 6E-22: 460.0125 MHz, 12.5 kHz, 2000/3000 Hz FSK Data and DPL Tone Modulation Only, 11K0F3E Mask D

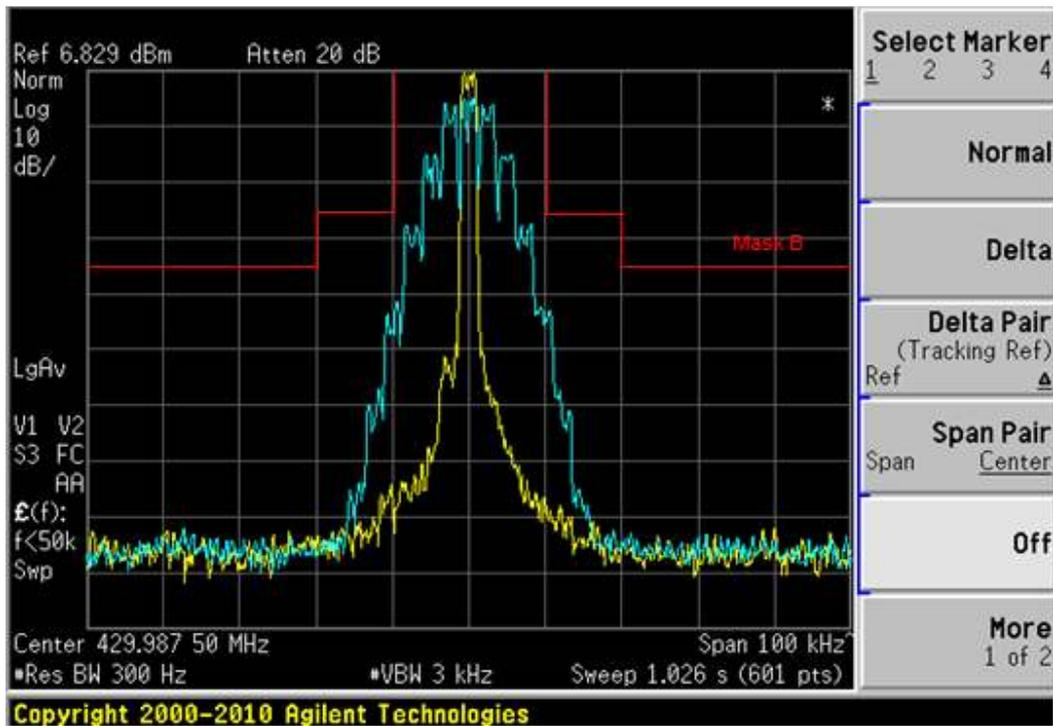


Figure 6E-23: 429.9875 MHz, 25 kHz, 2000/3000 Hz FSK Data and DPL Tone Modulation Only, 16K0F3E Mask B (Not For FCC Review)

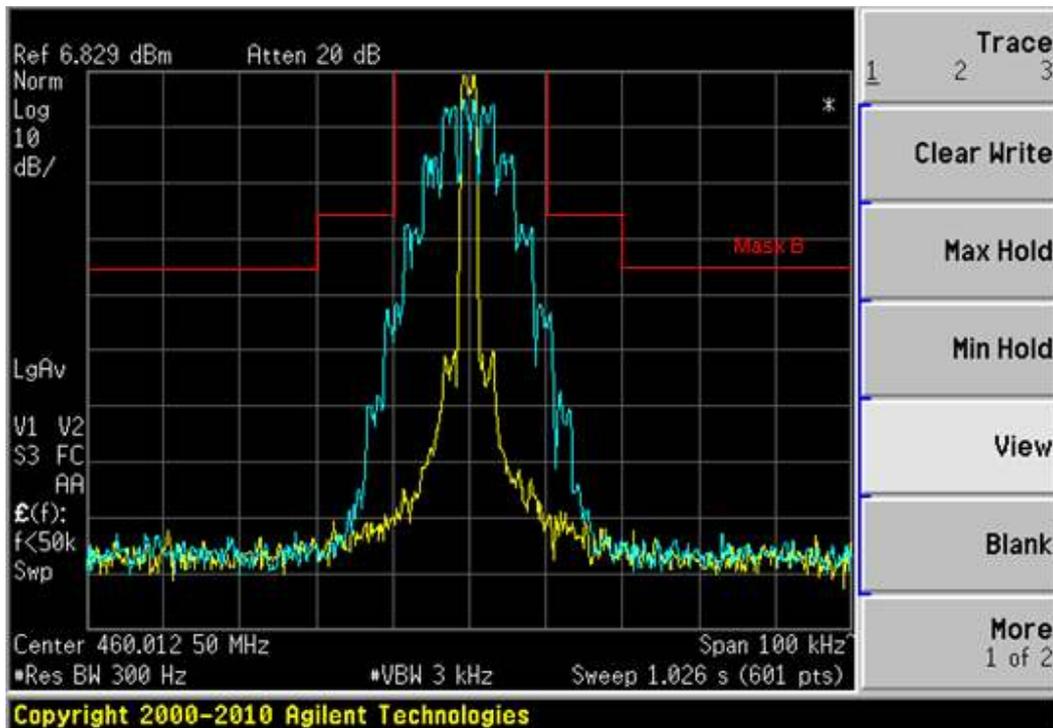


Figure 6E-24: 460.0125 MHz, 25 kHz, 2000/3000 Hz FSK Data and DPL Tone Modulation Only, 16K0F3E Mask B (Not For FCC Review)

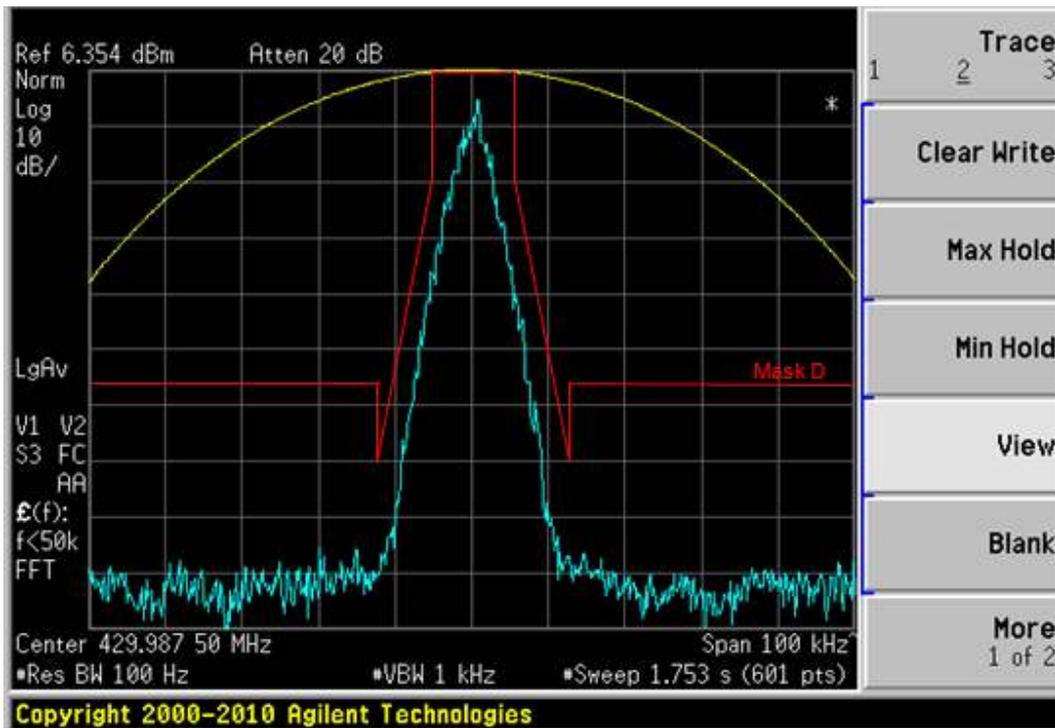


Figure 6E-25: 429.9875 MHz, 0.153 Test Pattern 4FSK Data (F2 BER) Modulation, 7K60FXD Mask D

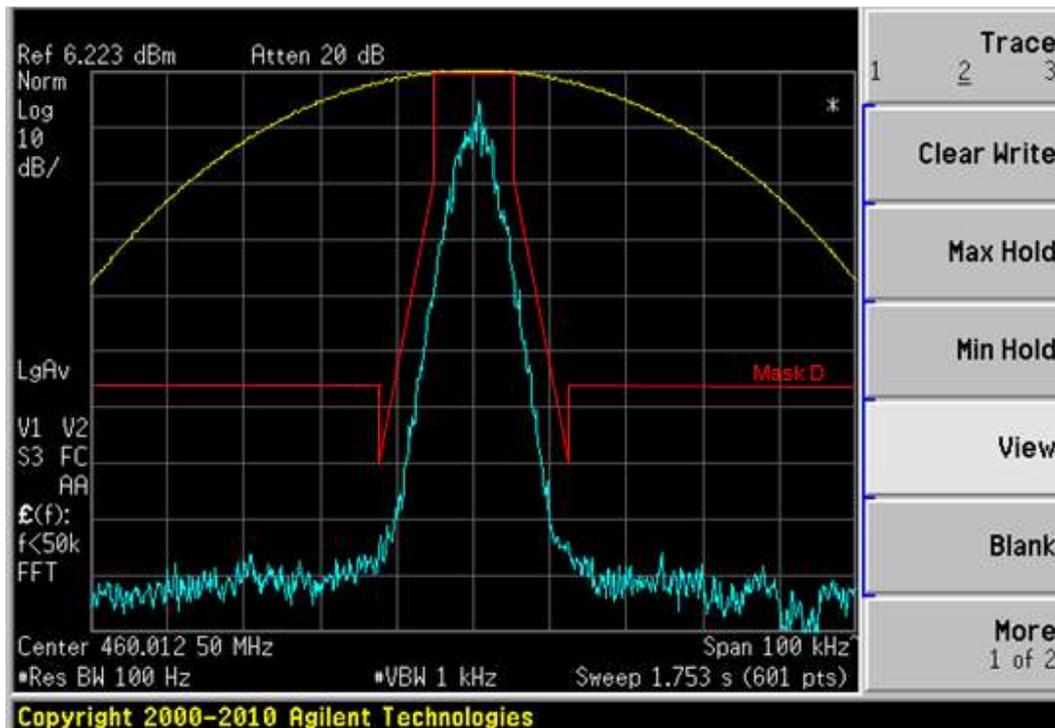


Figure 6E-26: 460.0125 MHz, 0.153 Test Pattern 4FSK Data (F2 BER) Modulation, 7K60FXD Mask D

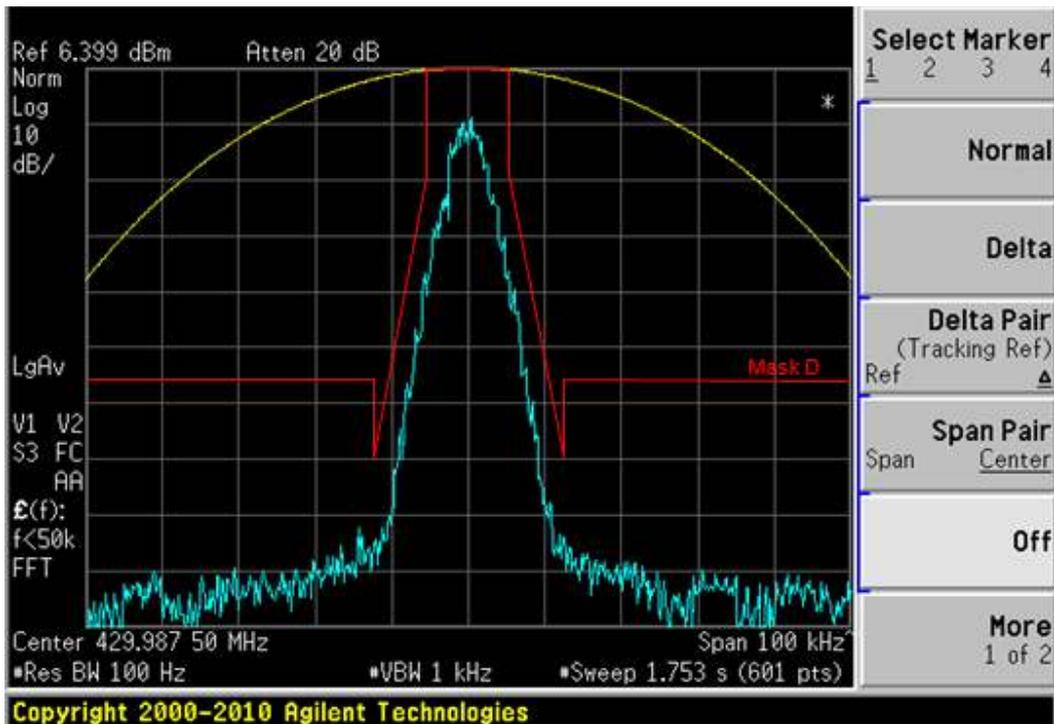


Figure 6E-27: 429.9875 MHz, 0.153 Test Pattern 4FSK Voice (F2 1031) Modulation, 7K60FXE Mask D

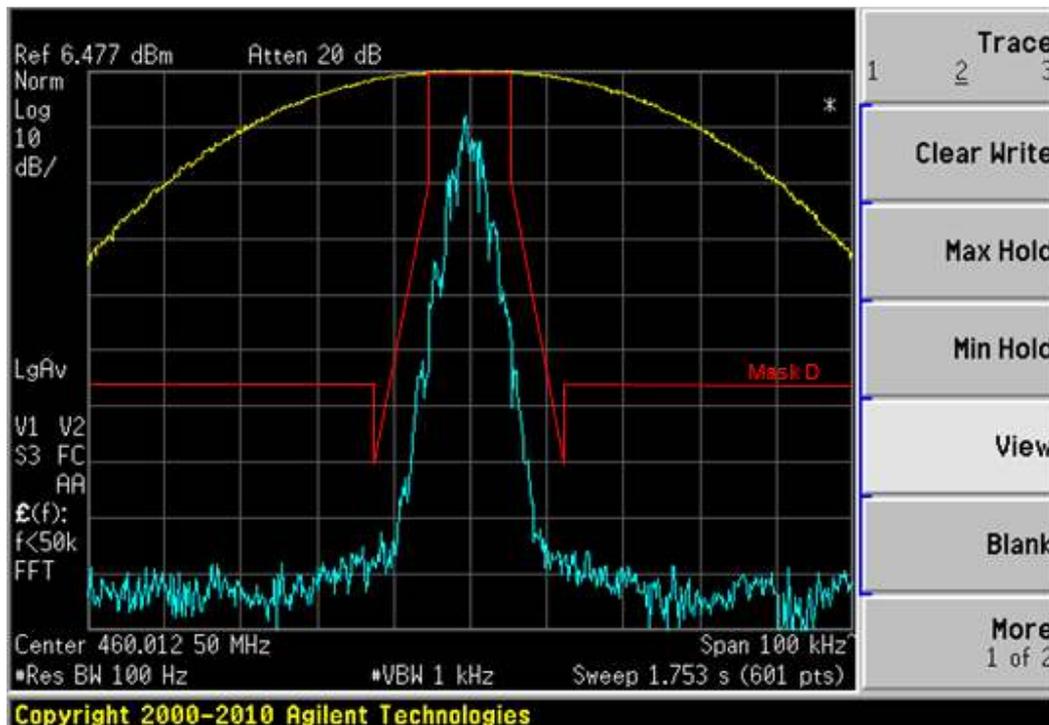


Figure 6E-28: 460.0125 MHz, 0.153 Test Pattern 4FSK Voice (F2 1031) Modulation, 7K60FXE Mask D

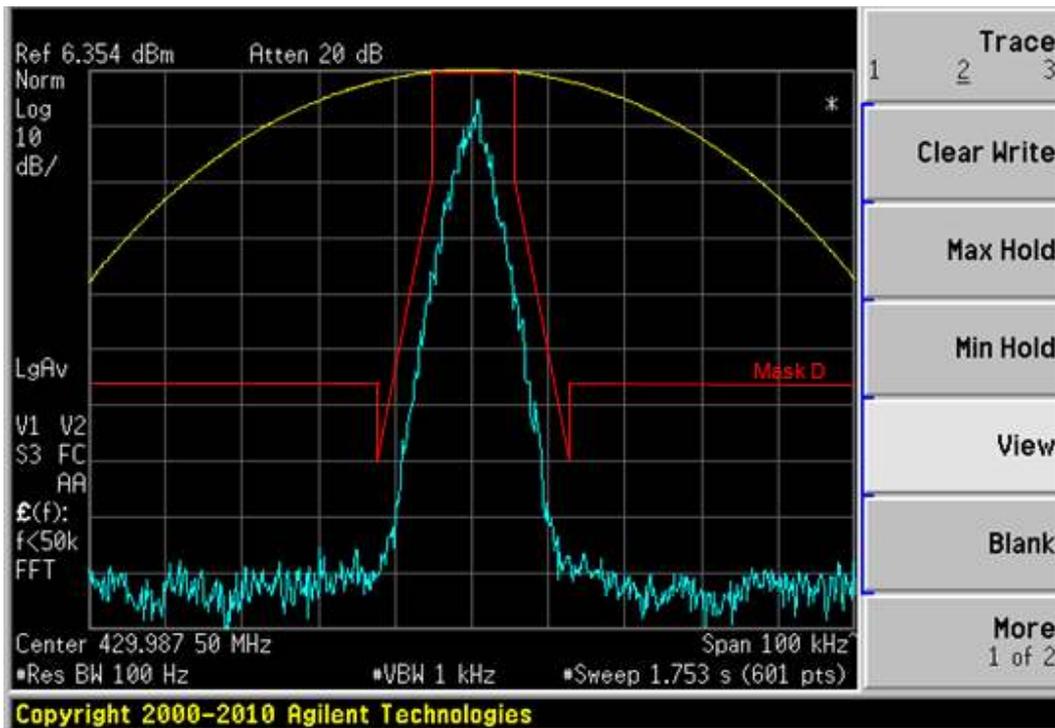


Figure 6E-29: 429.9875 MHz, 0.153 Test Pattern 4FSK Voice and Data Modulation, 7K60F1W Mask D

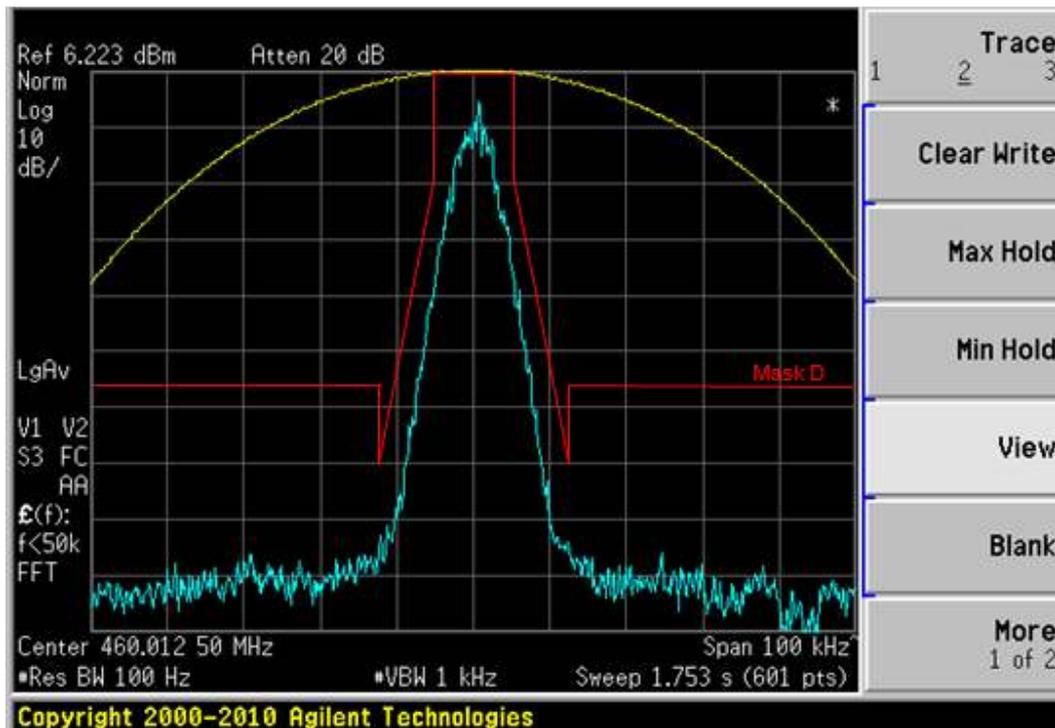


Figure 6E-30: 460.0125 MHz, 0.153 Test Pattern 4FSK Voice and Data Modulation, 7K60F1W Mask D

****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).

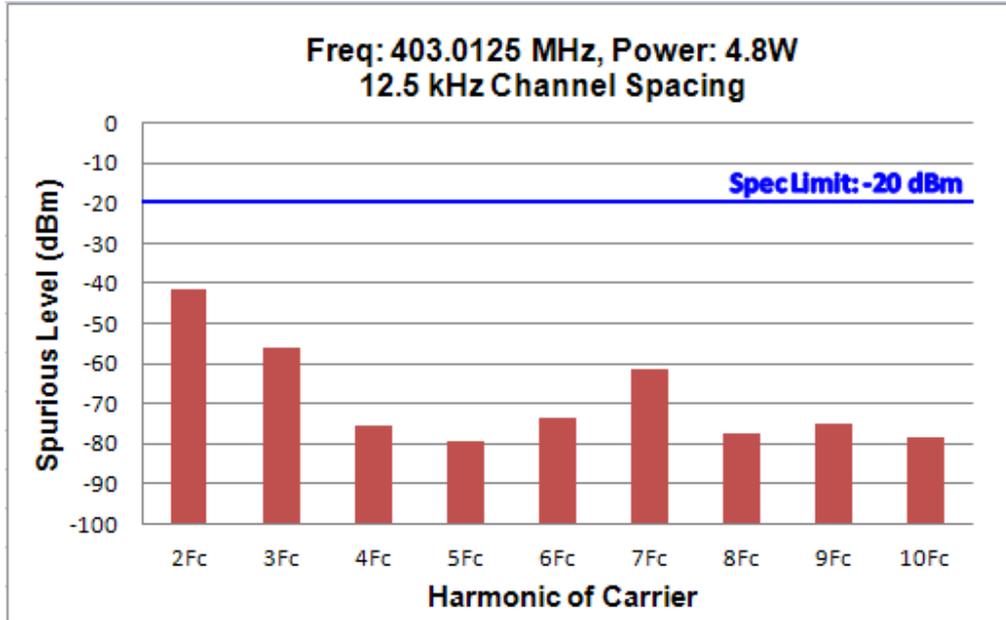


Exhibit 6F-1: 4.8W Harmonic of Carrier 403.0125 MHz, 12.5 kHz Channel Spacing

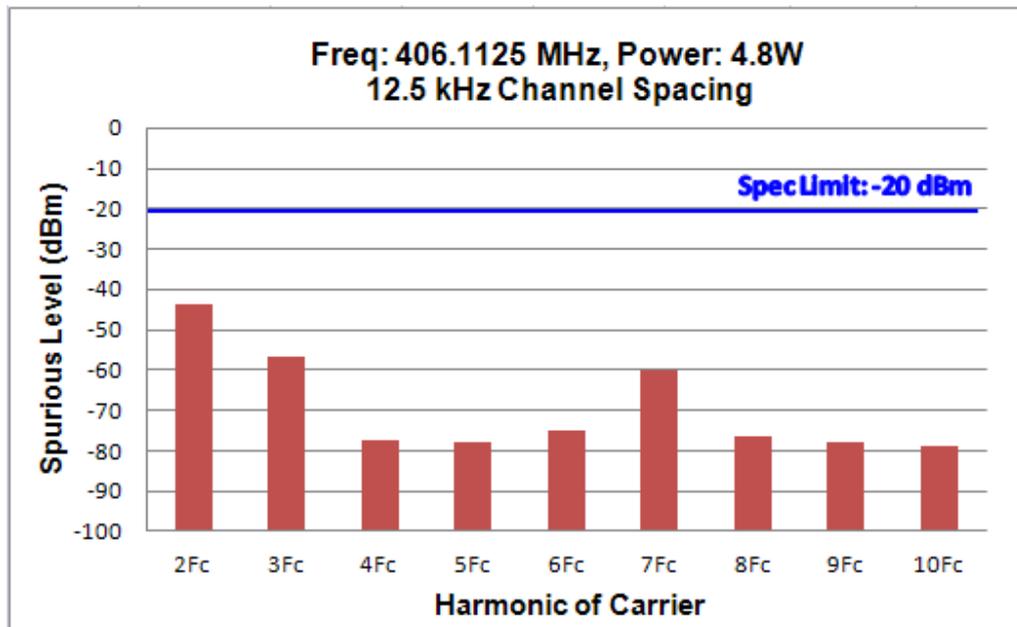


Exhibit 6F-2: 4.8W Harmonic of Carrier 406.1125 MHz, 12.5 kHz Channel Spacing

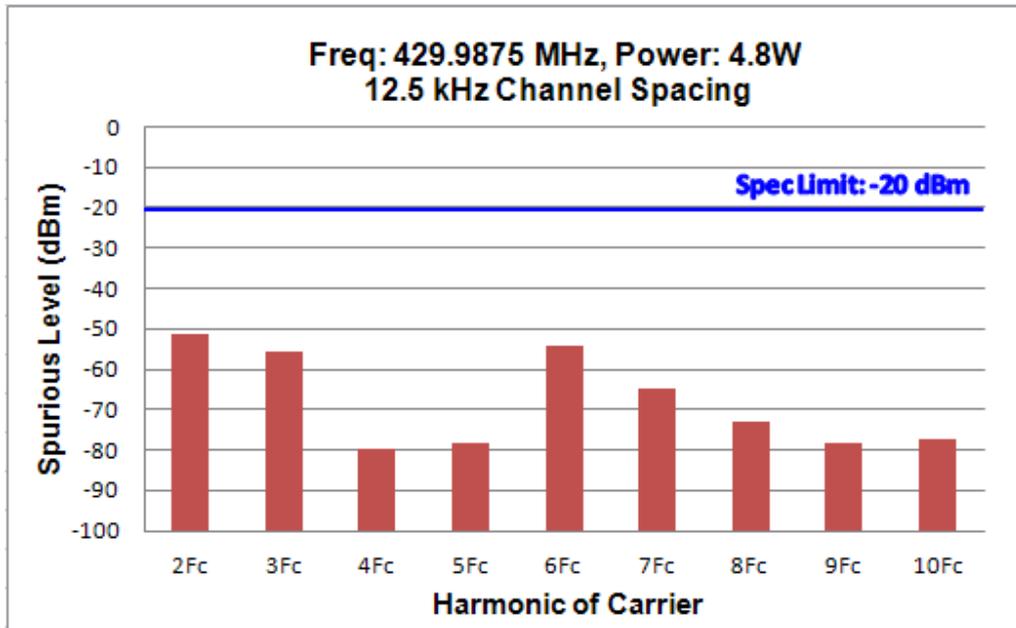


Exhibit 6F-3: 4.8W Harmonic of Carrier 429.9875 MHz, 12.5 kHz Channel Spacing

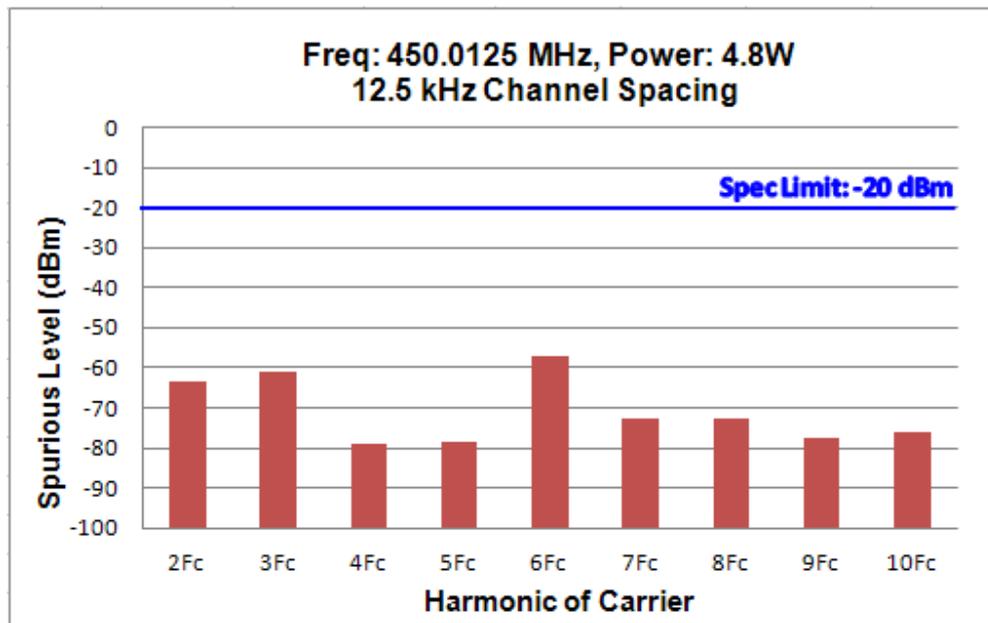


Exhibit 6F-4: 4.8W Harmonic of Carrier 450.0125 MHz, 12.5 kHz Channel Spacing

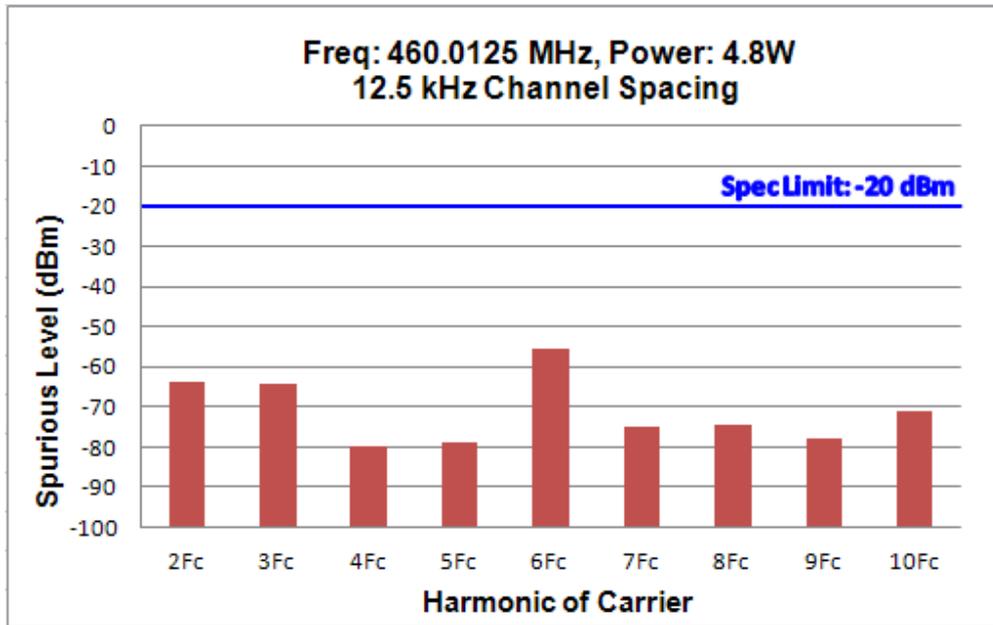


Exhibit 6F-5: 4.8W Harmonic of Carrier 460.0125 MHz, 12.5 kHz Channel Spacing

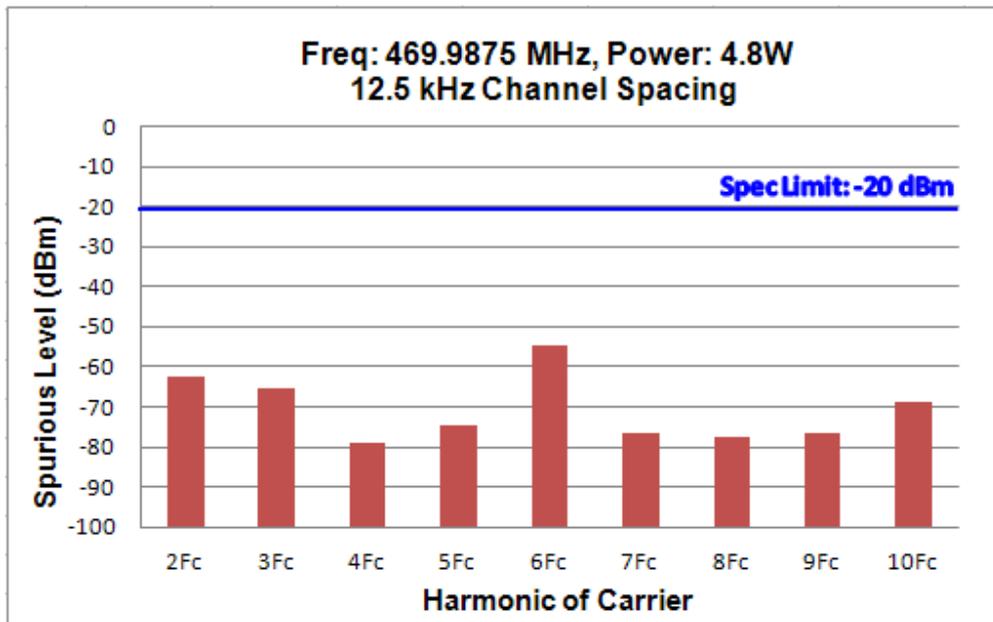


Exhibit 6F-6: 4.8W Harmonic of Carrier 469.9875 MHz, 12.5 kHz Channel Spacing

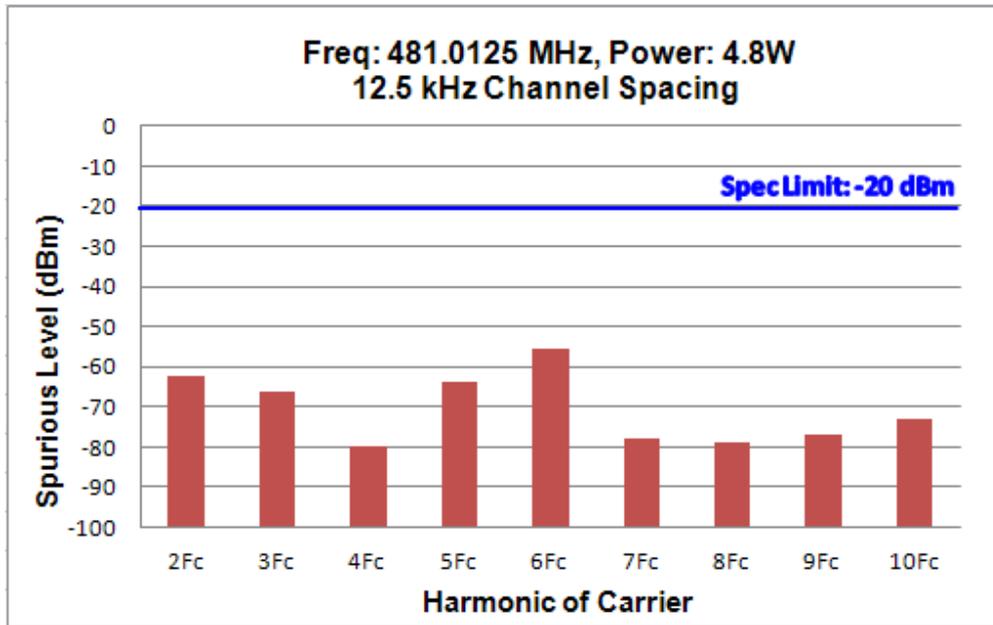


Exhibit 6F-7: 4.8W Harmonic of Carrier 481.0125 MHz, 12.5 kHz Channel Spacing

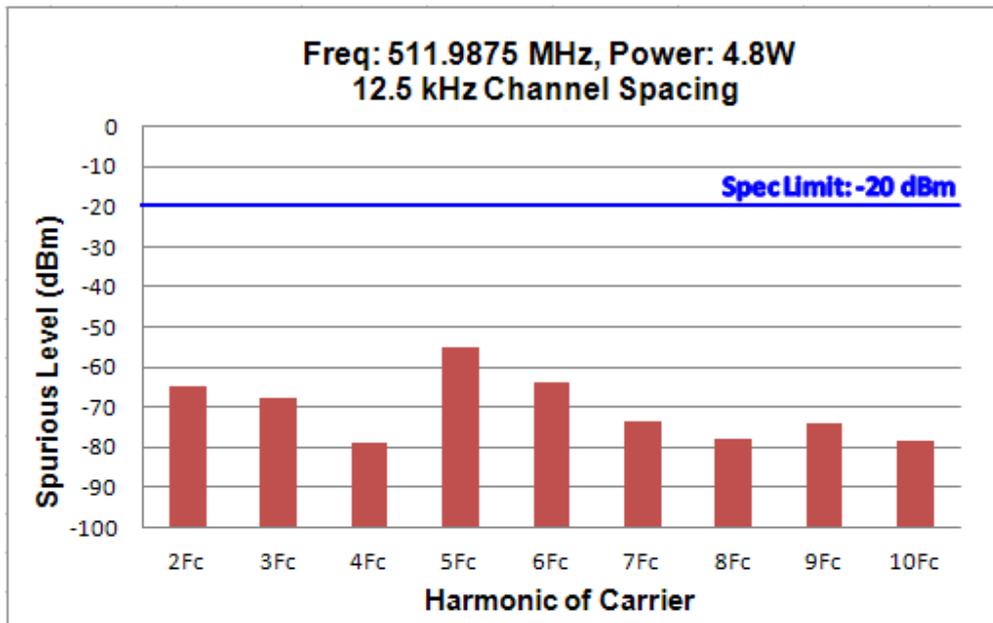


Exhibit 6F-8: 4.8W Harmonic of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing

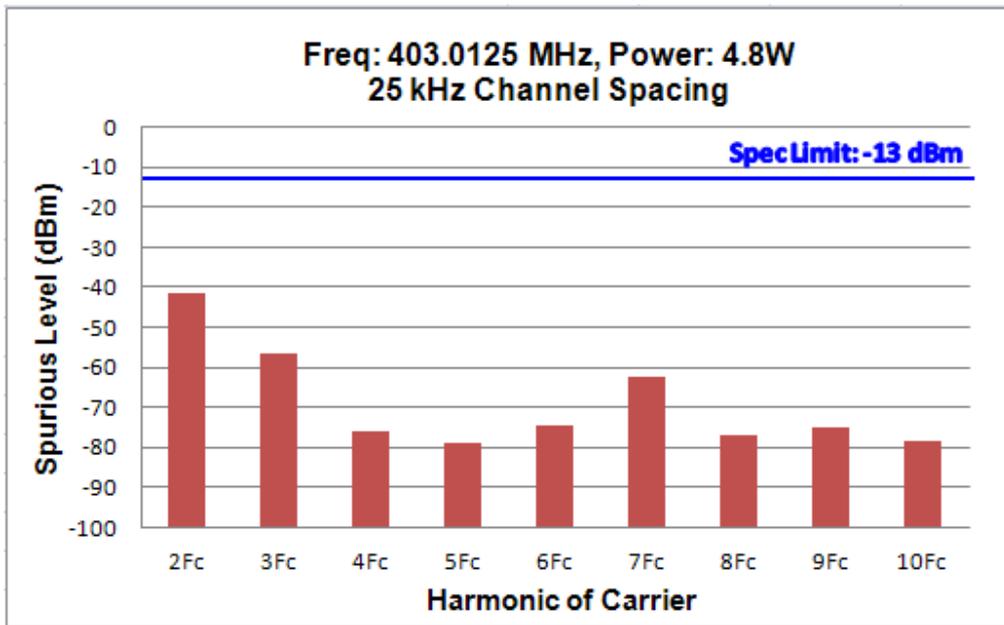


Exhibit 6F-9: 4.8W Harmonic of Carrier 403.0125 MHz, 25 kHz Channel Spacing(Not for FCC Review)

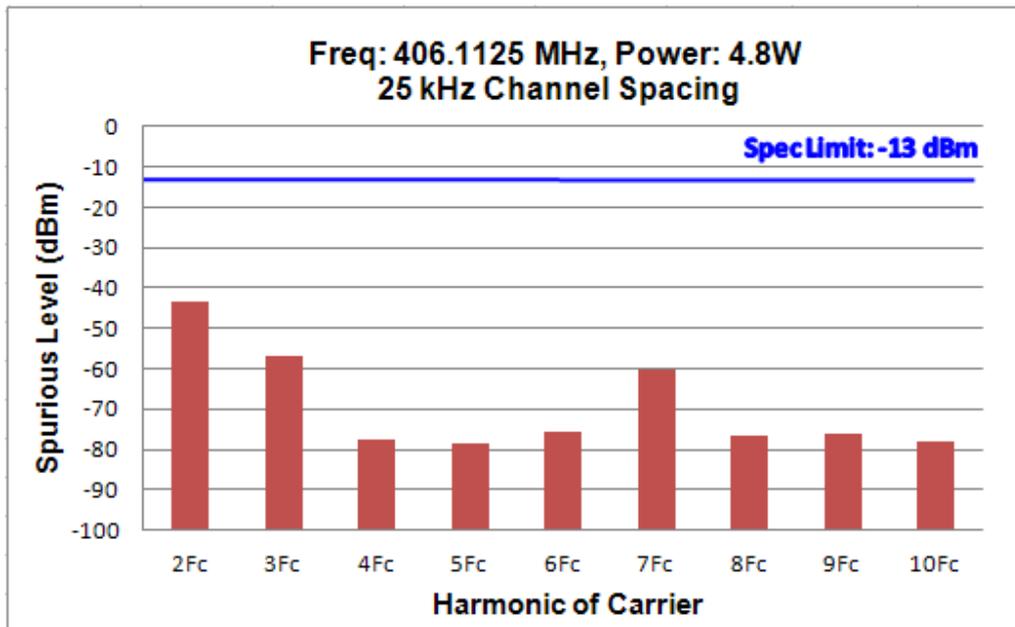


Exhibit 6F-10: 4.8W Harmonic of Carrier 406.1125 MHz, 25 kHz Channel Spacing(Not for FCC Review)

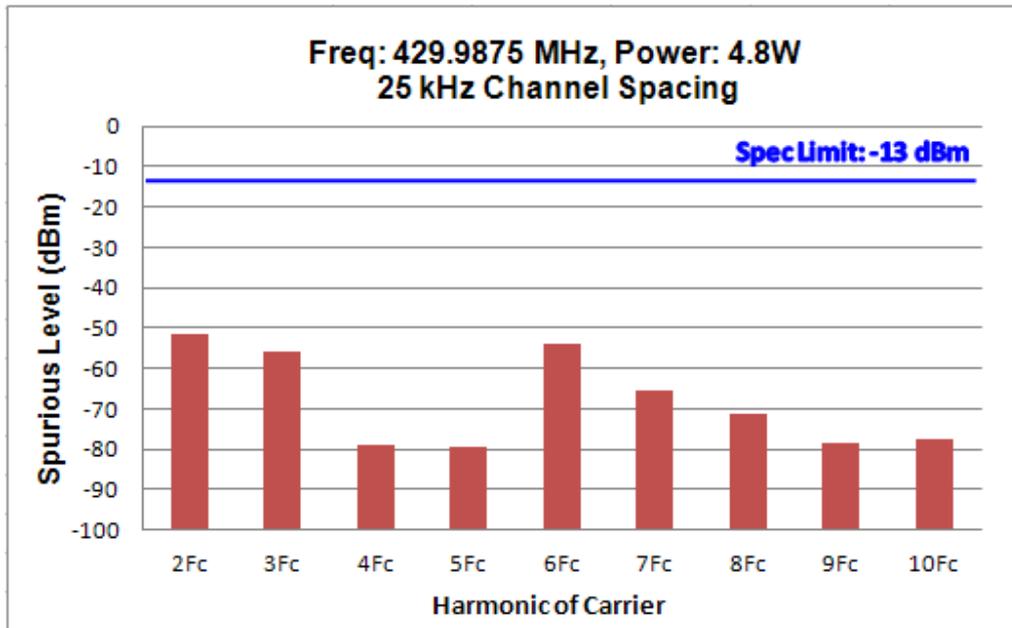


Exhibit 6F-11: 4.8W Harmonic of Carrier 429.9875 MHz, 25 kHz Channel Spacing (Not for FCC review)

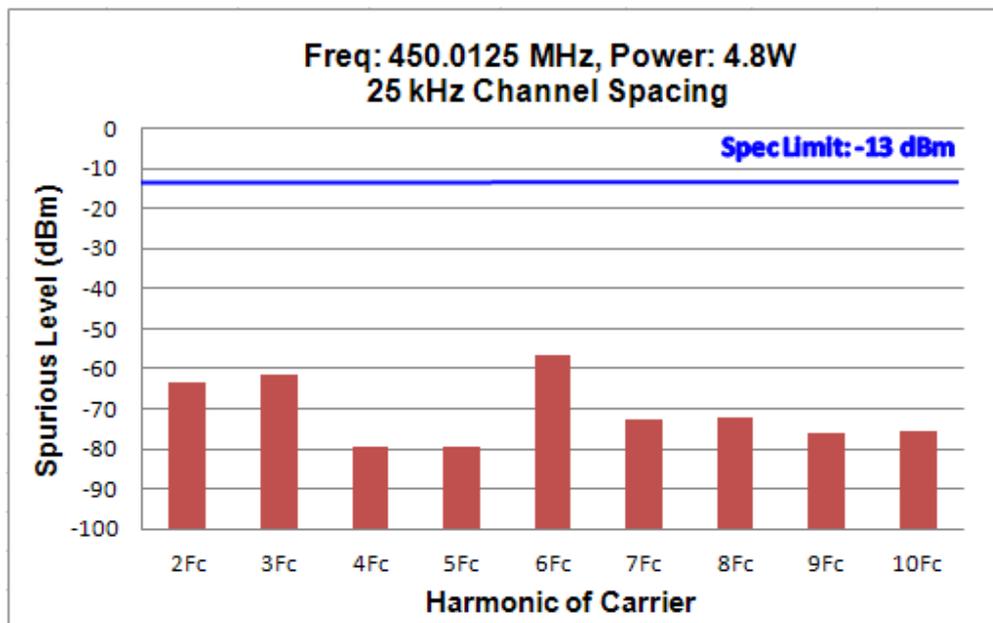


Exhibit 6F-12: 4.8W Harmonic of Carrier 450.0125 MHz, 25 kHz Channel Spacing (Not for FCC review)

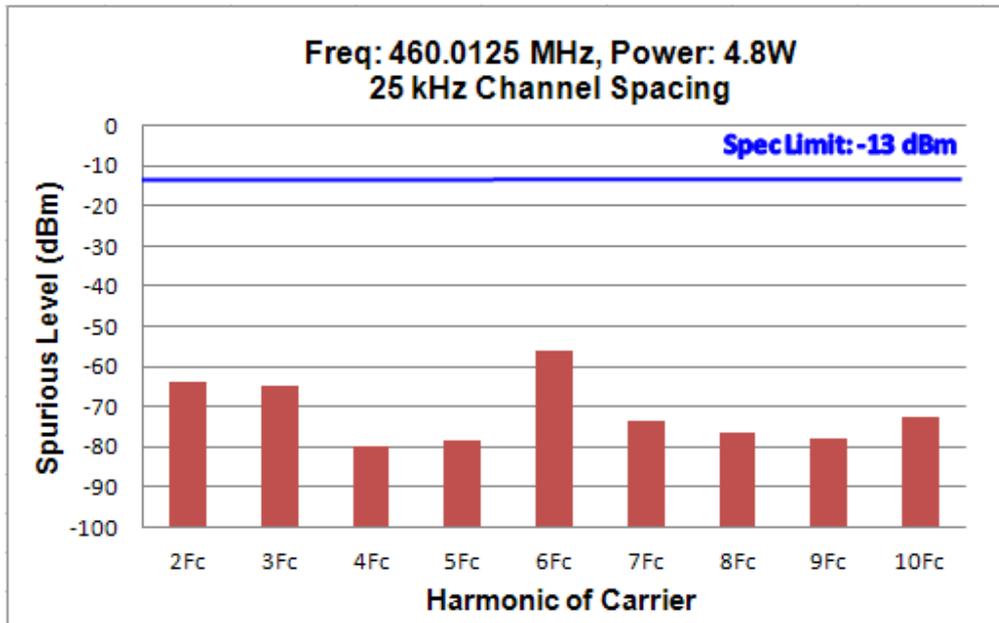


Exhibit 6F-13: 4.8W Harmonic of Carrier 460.0125 MHz, 25 kHz Channel Spacing (Not for FCC review)

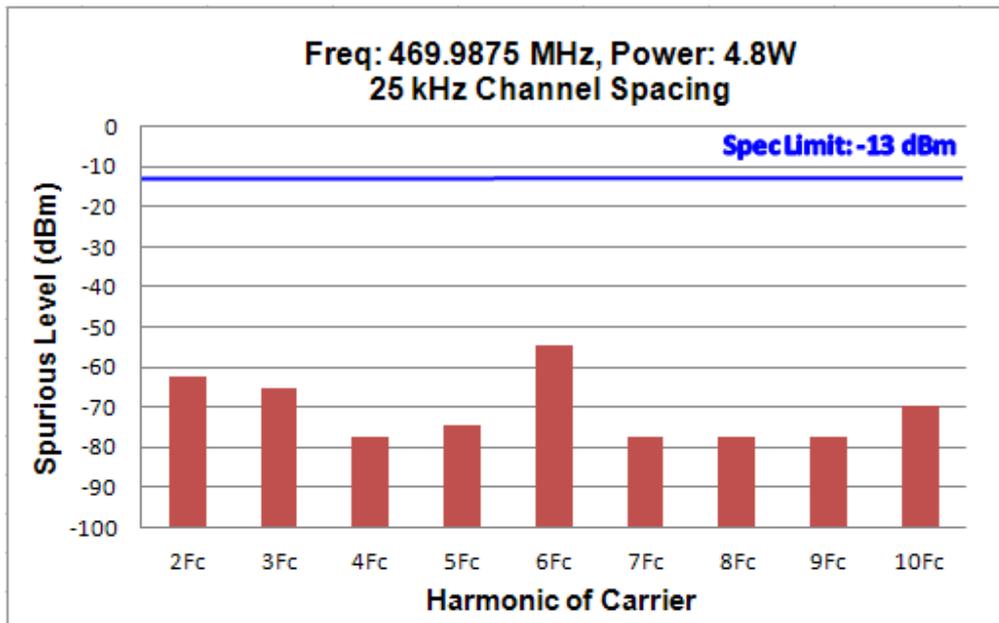


Exhibit 6F-14: 4.8W Harmonic of Carrier 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC review)

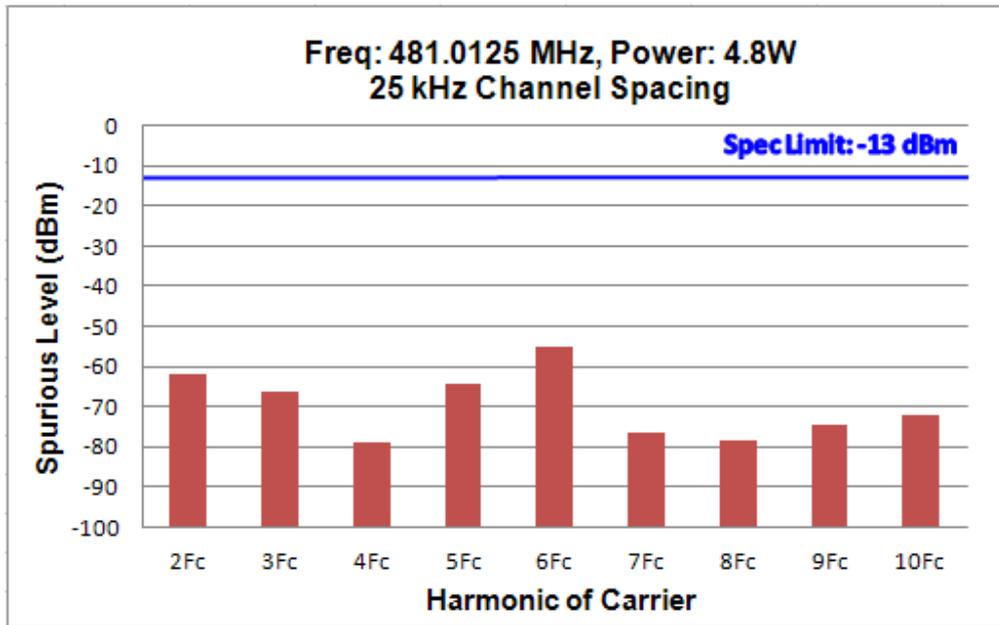


Exhibit 6F-15: 4.8W Harmonic of Carrier 481.0125 MHz, 25 kHz Channel Spacing(Not for FCC Review)

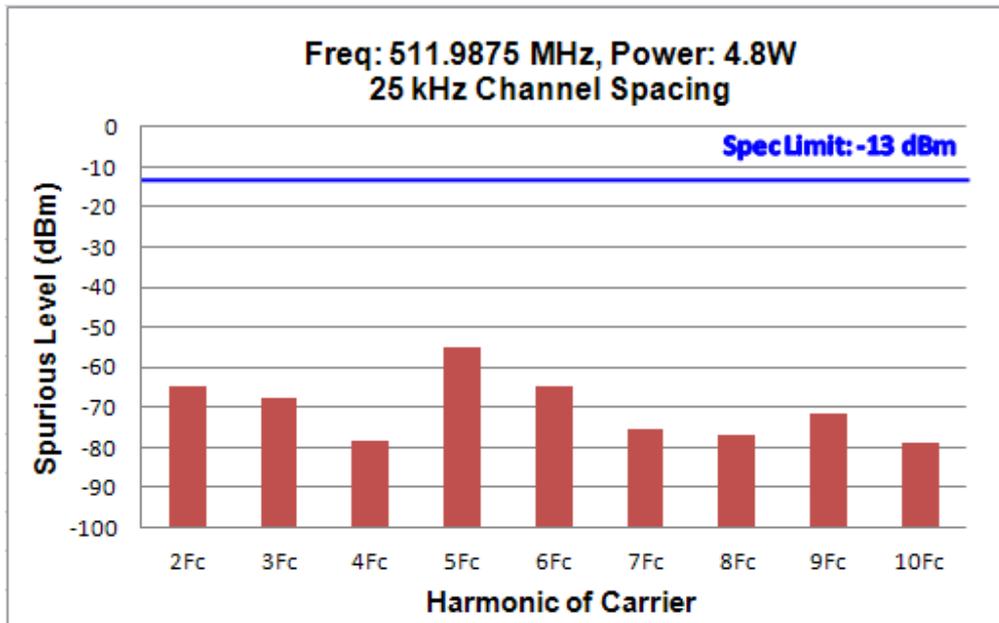


Exhibit 6F-16: 4.8W Harmonic of Carrier 511.9875 MHz, 25 kHz Channel Spacing(Not for FCC Review)

EXHIBIT 6G
Transmitter Radiated Spurious Emissions

Tx Power: 4.8 Watts

403.0125 MHz

Channel Spacing 12.5kHz | S/N 105TPB0238

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	*	*

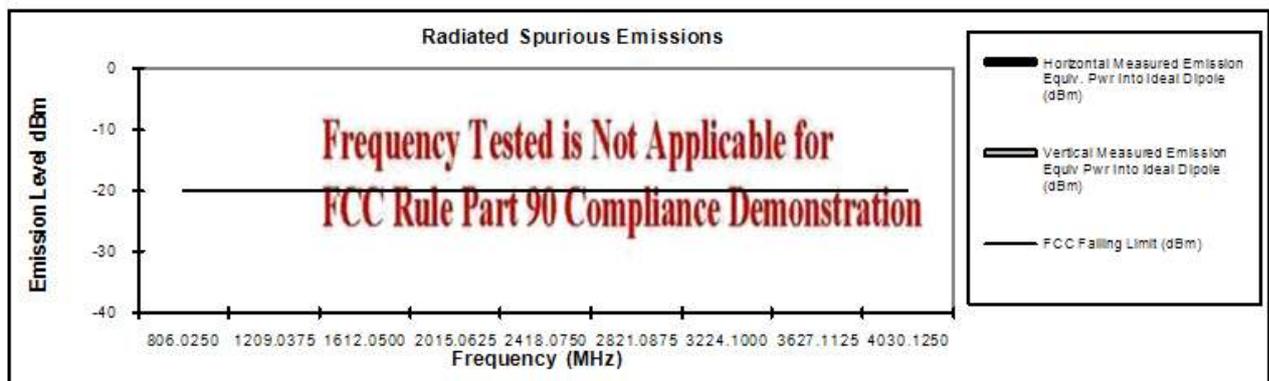


Exhibit 6G-1: 4.8W Harmonic of Carrier 403.0125 MHz, 12.5 kHz Channel Spacing

Tx Power: 4.8 Watts

406.1125 MHz

Channel Spacing 12.5kHz | S/N 105TPB0238

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	*	*

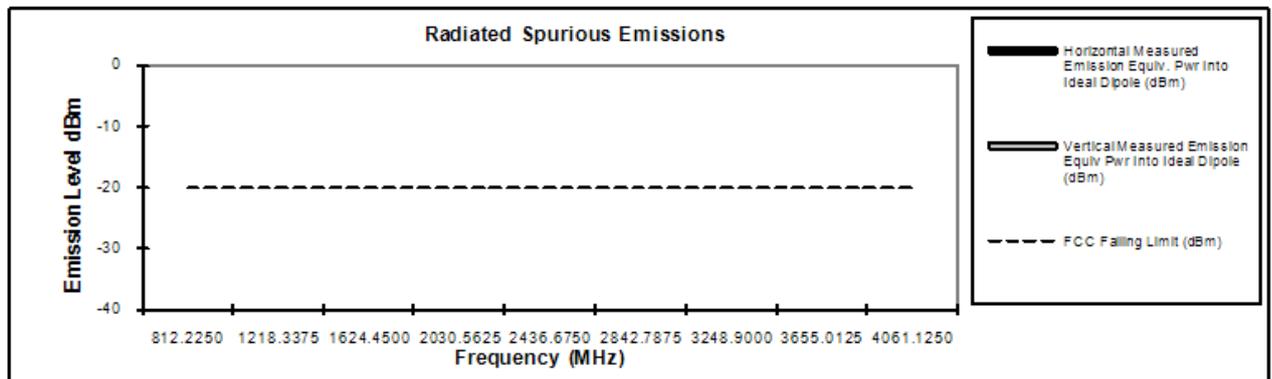


Exhibit 6G-2: 4.8W Harmonic of Carrier 406.1125 MHz, 12.5 kHz Channel Spacing

Tx Power: 4.8 Watts

429.9875 MHz

Channel Spacing 12.5kHz | S/N 105TPB0238

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	*	*

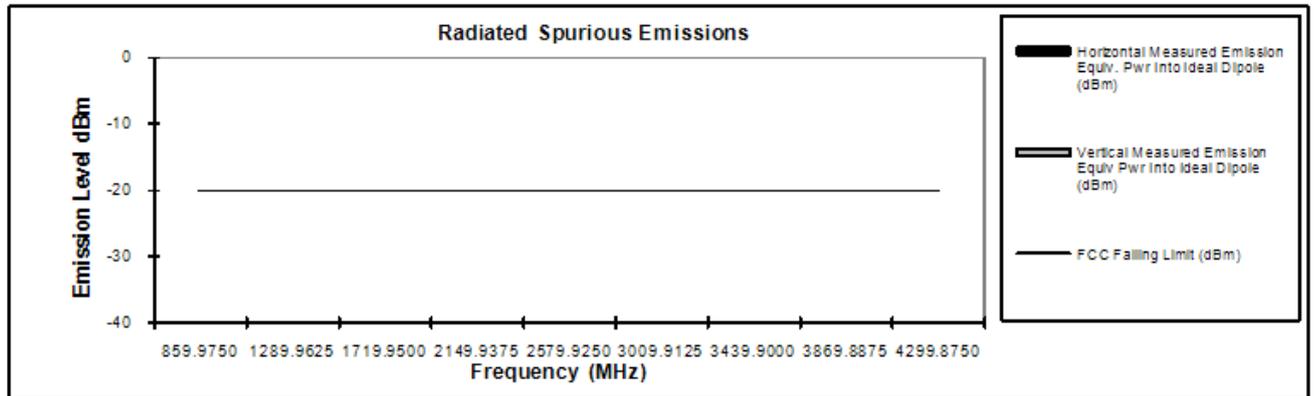


Exhibit 6G-3: 4.8W Harmonic of Carrier 429.9875 MHz, 12.5 kHz Channel Spacing

Tx Power: 4.8 Watts

450.0125 MHz

Channel Spacing 12.5kHz | S/N 105TPB0238

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	*	*

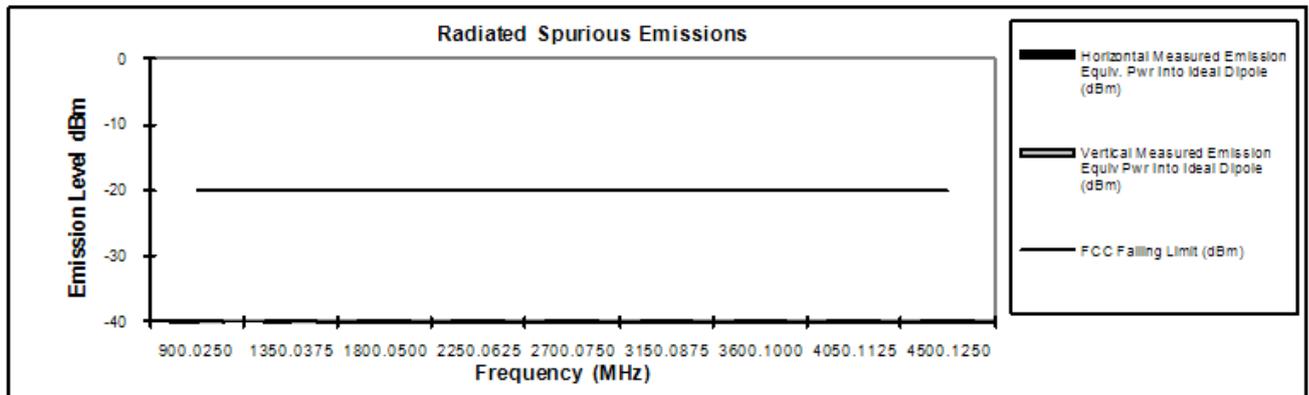


Exhibit 6G-4: 4.8W Harmonic of Carrier 450.0125 MHz, 12.5 kHz Channel Spacing

Tx Power: 4.8 Watts

460.0125 MHz

Channel Spacing 12.5kHz | S/N 105TPB0238

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
920.0250	-20	*	*
1380.0375	-20	*	*
1840.0500	-20	*	*
2300.0625	-20	*	*
2760.0750	-20	*	*
3220.0875	-20	*	*
3680.1000	-20	*	*
4140.1125	-20	*	*
4600.1250	-20	*	*

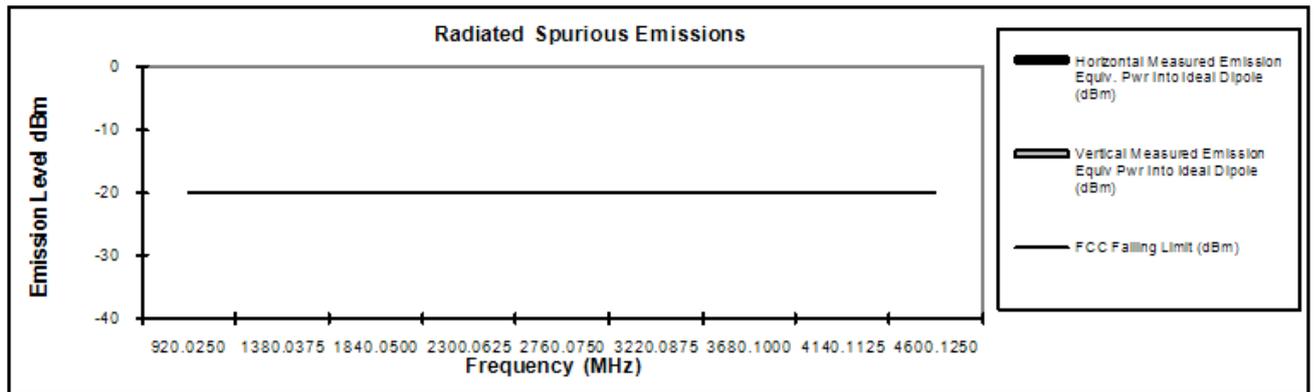


Exhibit 6G-5: 4.8W Harmonic of Carrier 460.0125 MHz, 12.5 kHz Channel Spacing

Tx Power: 4.8 Watts

469.9875 MHz

Channel Spacing 12.5kHz | S/N 105TPB0238

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	*	*

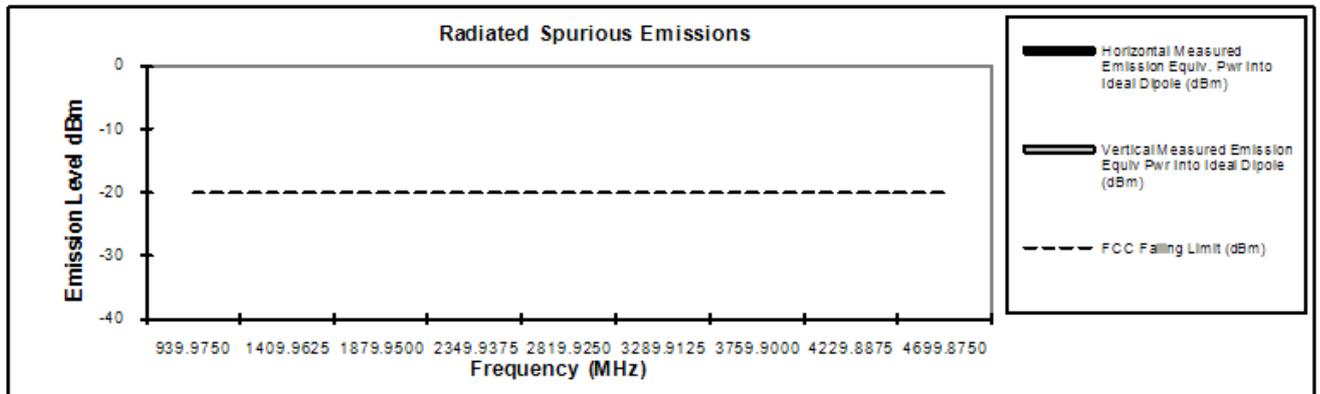


Exhibit 6G-6: 4.8W Harmonic of Carrier 469.9875 MHz, 12.5 kHz Channel Spacing

Tx Power: 4.8 Watts

481.0125 MHz

Channel Spacing 12.5kHz | S/N 105TPB0238

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
962.0250	-20	*	*
1443.0375	-20	*	*
1924.0500	-20	*	*
2405.0625	-20	*	*
2886.0750	-20	*	*
3367.0875	-20	*	*
3848.1000	-20	*	*
4329.1125	-20	*	*
4810.1250	-20	*	*

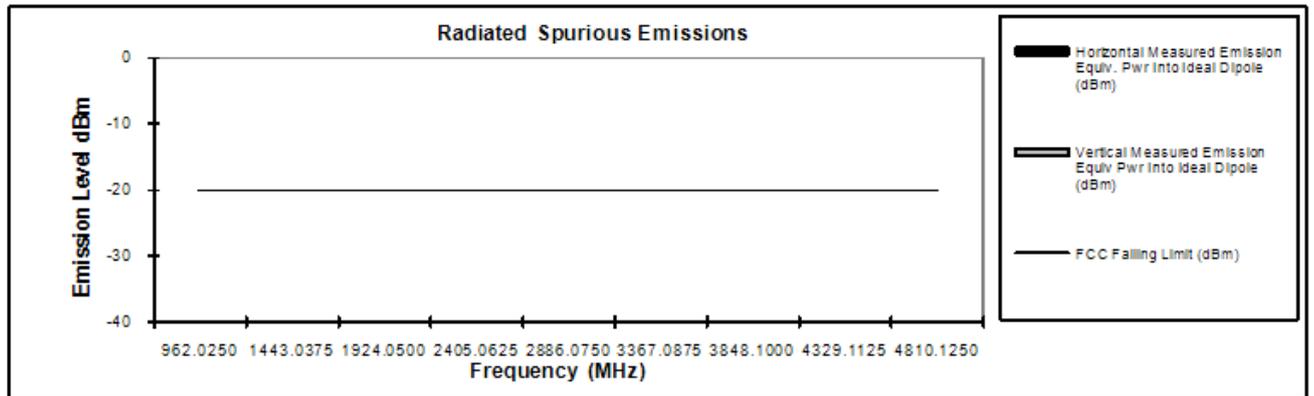


Exhibit 6G-7: 4.8W Harmonic of Carrier 481.0125 MHz, 12.5 kHz Channel Spacing

Tx Power: 4.8 Watts

511.9875 MHz

Channel Spacing 12.5kHz | S/N 105TPB0238

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	*	*

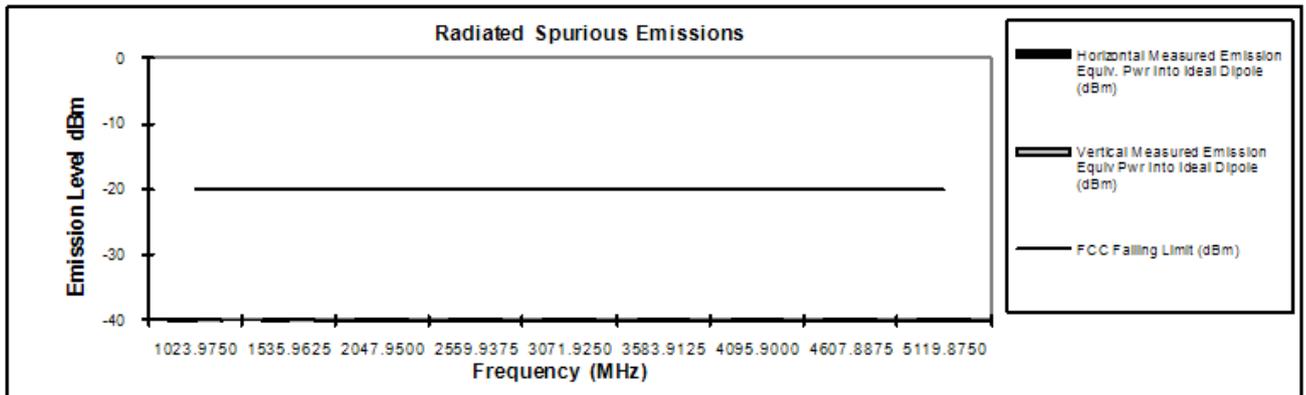


Exhibit 6G-8: 4.8W Harmonic of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing

Tx Power: 4.8 Watts

403.0125 MHz

Channel Spacing 25kHz | S/N 105TPB0006

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	*	*

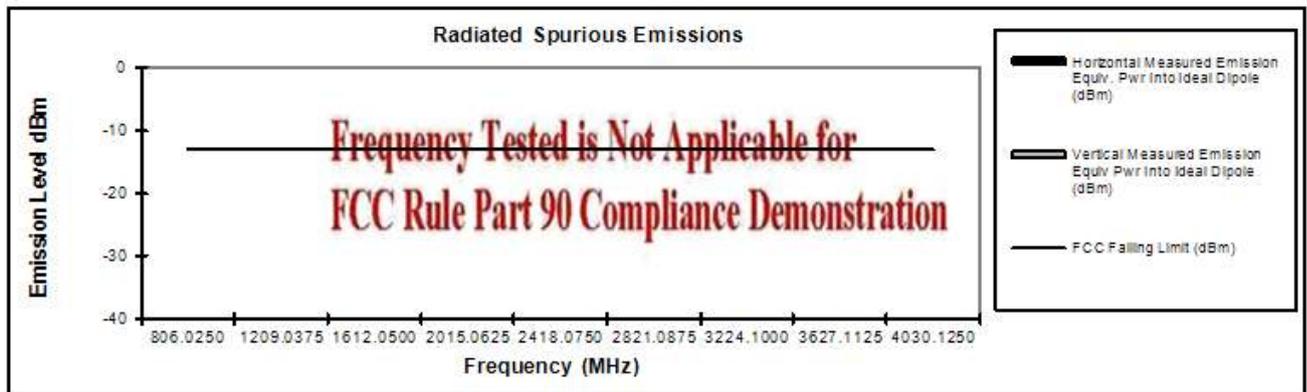


Exhibit 6G-9: 4.8W Harmonic of Carrier 403.0125 MHz, 25 kHz Channel Spacing

Tx Power: 4.8 Watts

406.1125 MHz

Channel Spacing 25kHz | S/N 105TPB0006

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	*	*

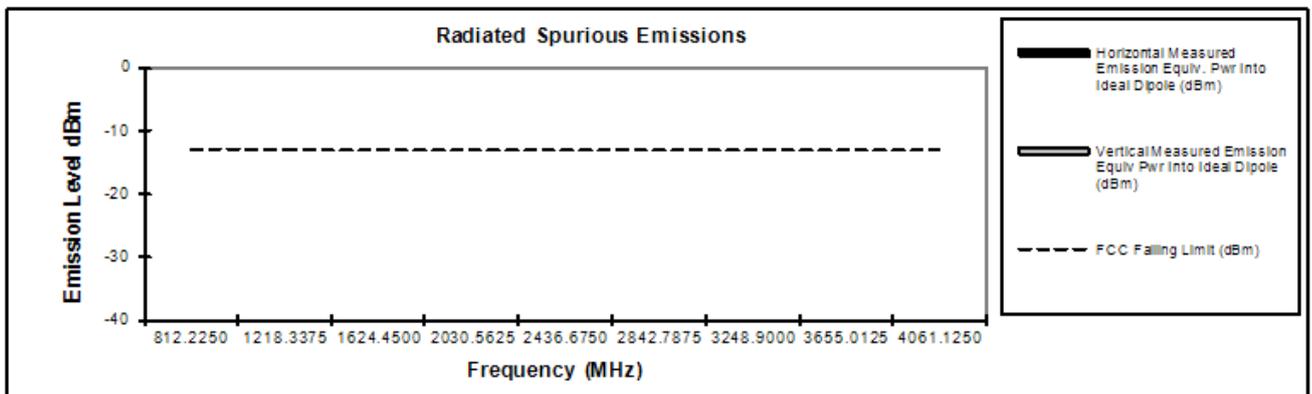


Exhibit 6G-10: 4.8W Harmonic of Carrier 406.1125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

Tx Power: 4.8 Watts

429.9875 MHz

Channel Spacing 25kHz | S/N 105TPB0006

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	*	*

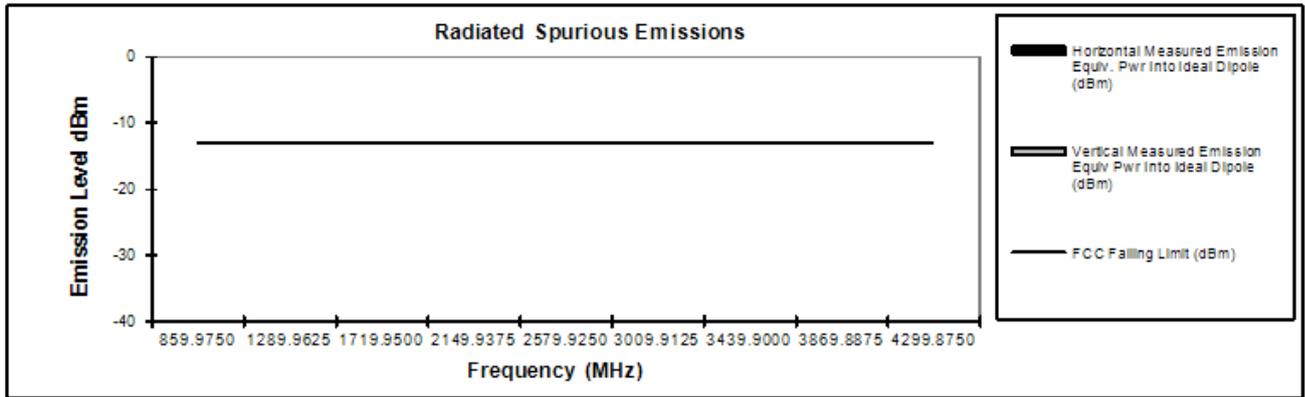


Exhibit 6G-11: 4.8W Harmonic of Carrier 429.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

Tx Power: 4.8 Watts

450.0125 MHz

Channel Spacing 25kHz | S/N 105TPB0006

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	*	*

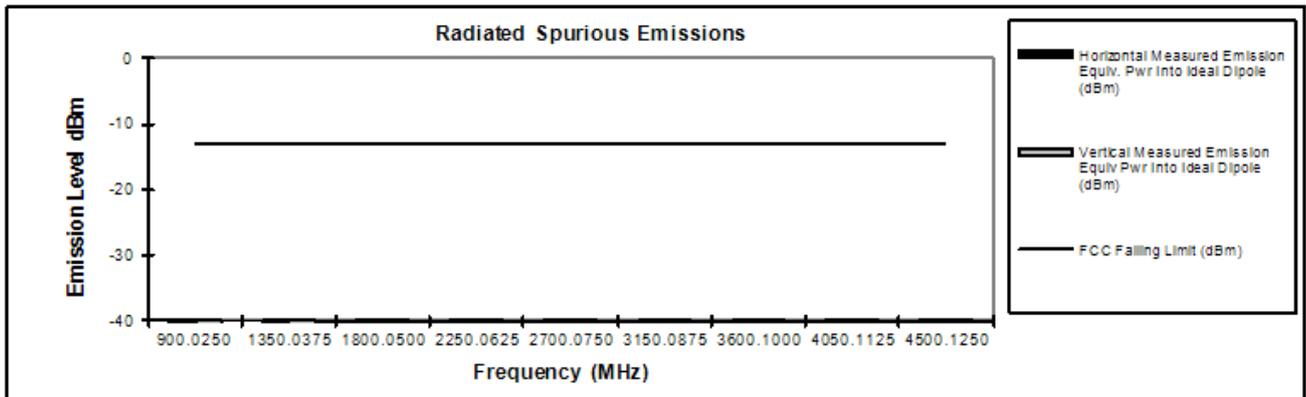


Exhibit 6G-12: 4.8W Harmonic of Carrier 450.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

Tx Power: 4.8 Watts

460.0125 MHz

Channel Spacing 25kHz | S/N 105TPB0006

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
920.0250	-13	*	*
1380.0375	-13	*	*
1840.0500	-13	*	*
2300.0625	-13	*	*
2760.0750	-13	*	*
3220.0875	-13	*	*
3680.1000	-13	*	*
4140.1125	-13	*	*
4600.1250	-13	*	*

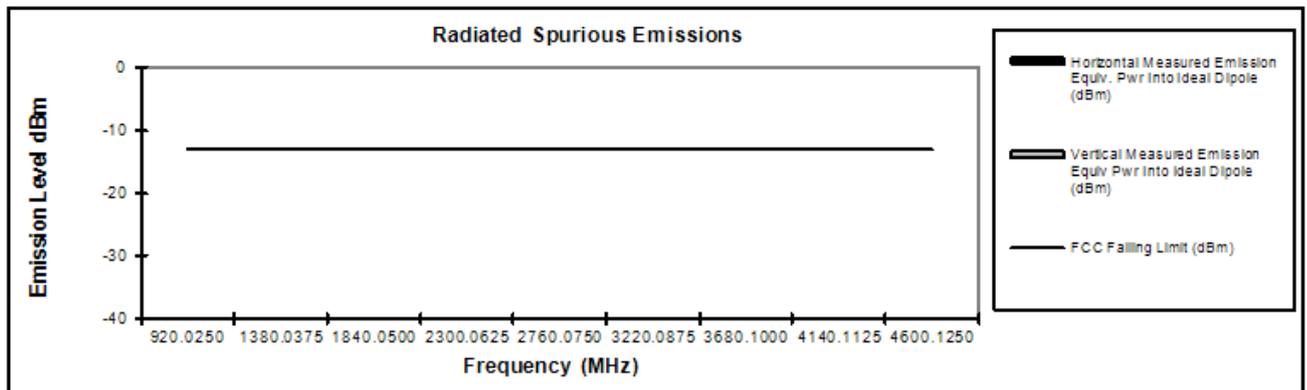


Exhibit 6G-13: 4.8W Harmonic of Carrier 460.0125 MHz, 25 kHz Channel Spacing (Not for FCC Review)

Tx Power: 4.8 Watts

469.9875 MHz

Channel Spacing 25kHz | S/N 105TPB0006

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	*	*

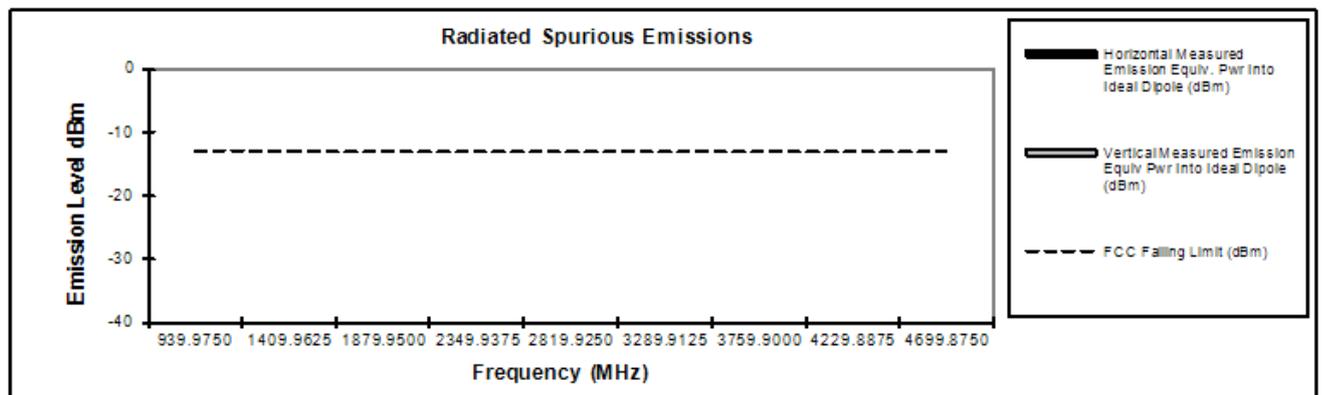


Exhibit 6G-14: 4.8W Harmonic of Carrier 469.9875 MHz, 25 kHz Channel Spacing (Not for FCC Review)

Tx Power: 4.8 Watts

481.0125 MHz

Channel Spacing 25kHz | S/N 105TPB0006

Frequency (MHz)	FCC Failing Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
962.0250	-13	*	*
1443.0375	-13	*	*
1924.0500	-13	*	*
2405.0625	-13	*	*
2886.0750	-13	*	*
3367.0875	-13	*	*
3848.1000	-13	*	*
4329.1125	-13	*	*
4810.1250	-13	*	*

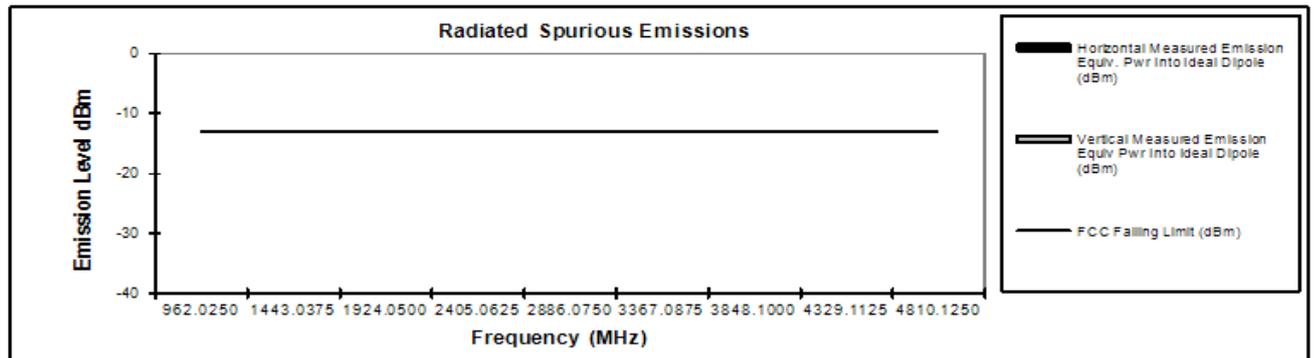


Exhibit 6G-15: 4.8W Harmonic of Carrier 481.0125 MHz, 25 kHz Channel Spacing(Not for FCC Review)
Tx Power: 4.8 Watts

511.9875 MHz

Channel Spacing 25kHz | S/N 105TPB0006

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	*	*

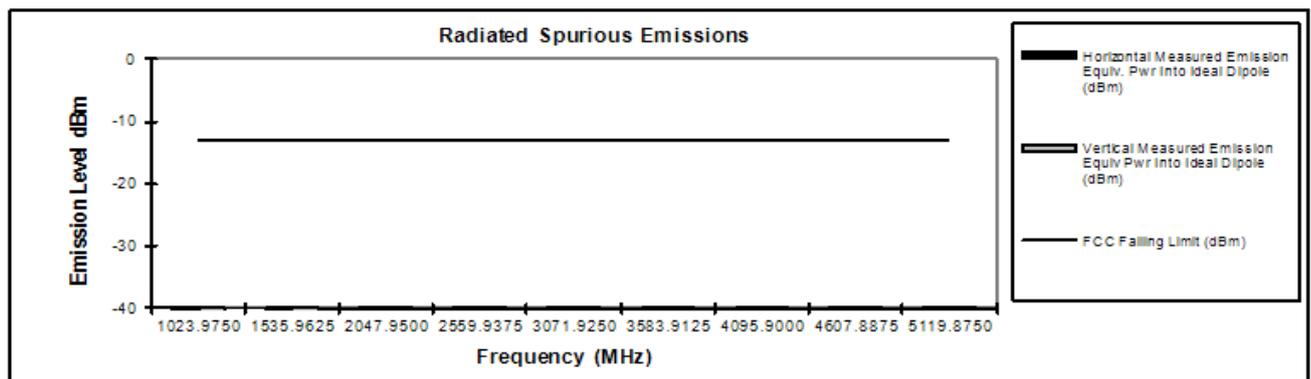


Exhibit 6G-16: 4.8W Harmonic of Carrier 511.9875 MHz, 25 kHz Channel Spacing(Not for FCC Review)

* 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

March 15, 2013

FCC Registration: 91932 / Industry Canada: IC109U-1

EXHIBIT 6H

Frequency Stability

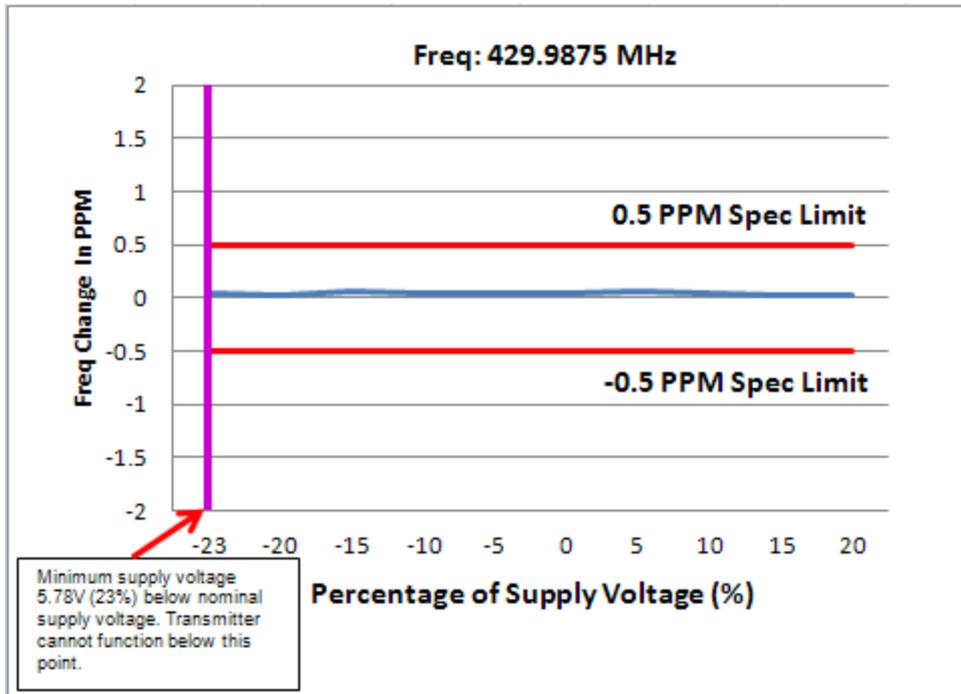


Exhibit 6H-1: 429.9875 MHz vs. Supply Voltage

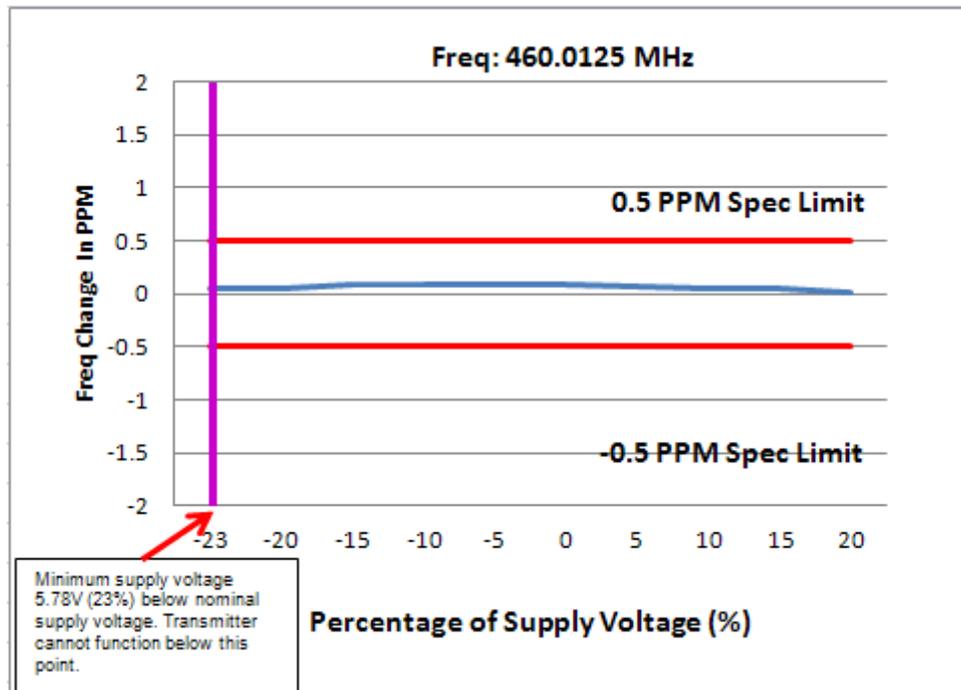


Exhibit 6H-2: 460.0125 MHz vs. Supply Voltage

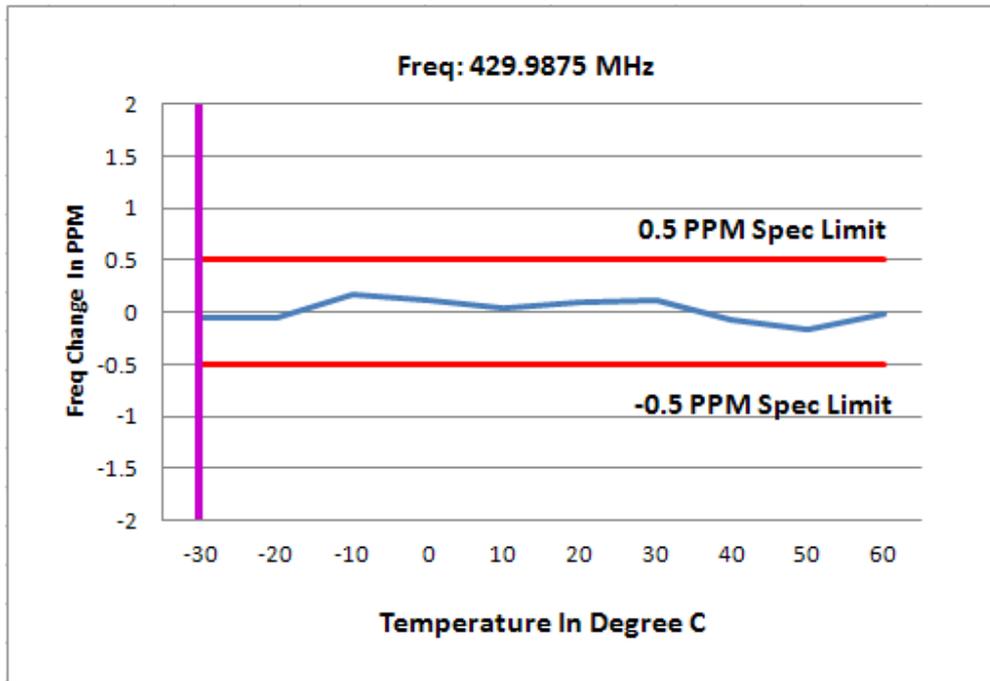


Exhibit 6H-3: 429.9875 MHz vs. Temperature

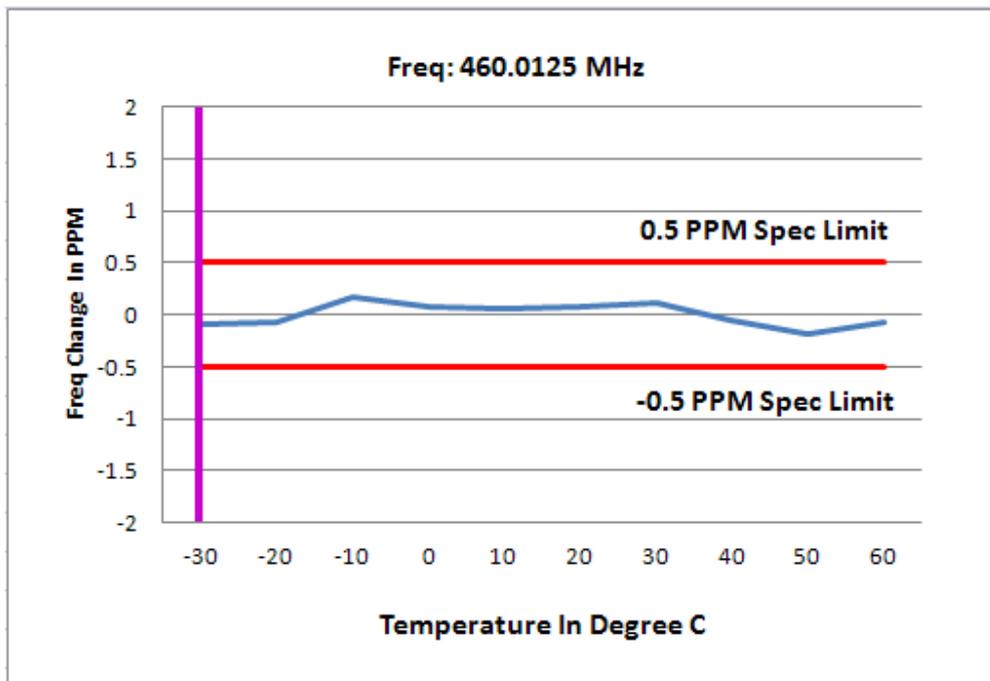


Exhibit 6H-4: 460.0125 MHz vs. Temperature

EXHIBIT 6I
Transient Frequency Behavior

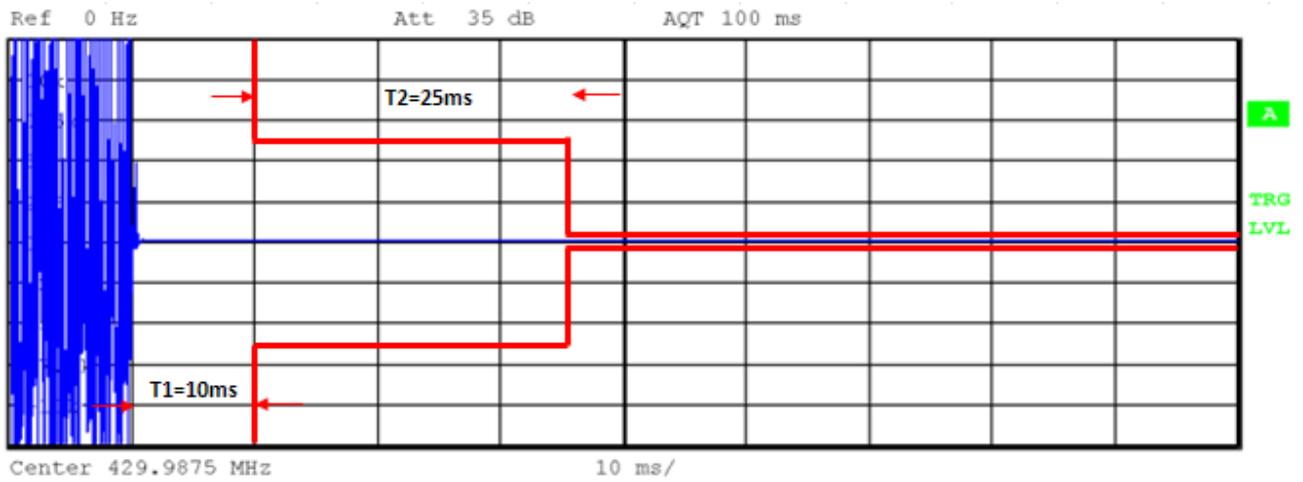


Exhibit 6I-1: 429.9875 MHz, 12.5 kHz Channel Spacing - Transmitter On

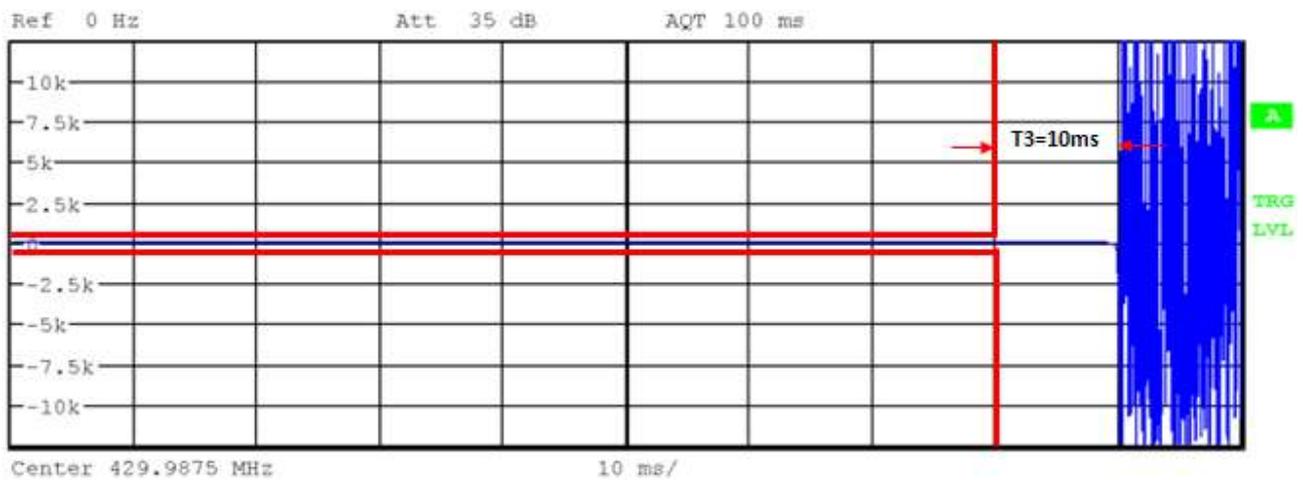


Exhibit 6I-2: 429.9875 MHz, 12.5 kHz Channel Spacing - Transmitter Off

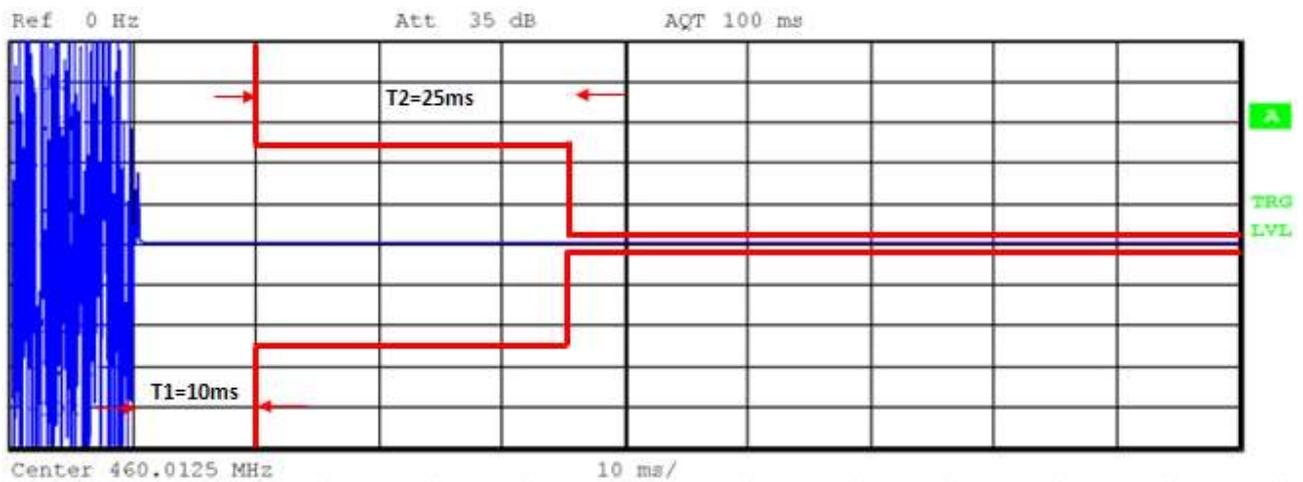


Exhibit 6I-3: 460.0125 MHz, 12.5 kHz Channel Spacing - Transmitter On

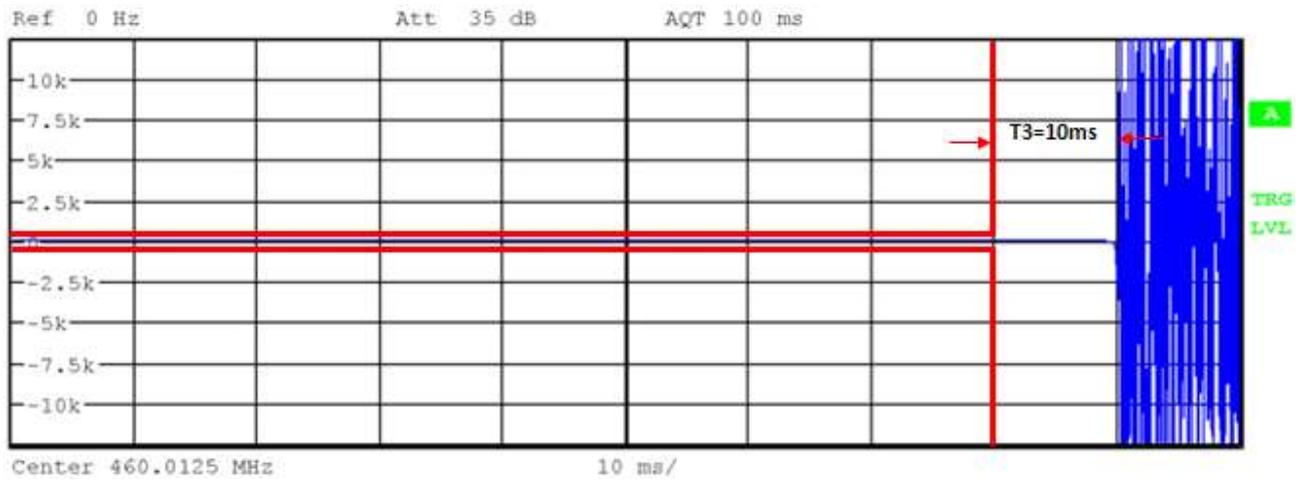


Exhibit 6I-4: 460.0125 MHz, 12.5 kHz Channel Spacing – Transmitter Off

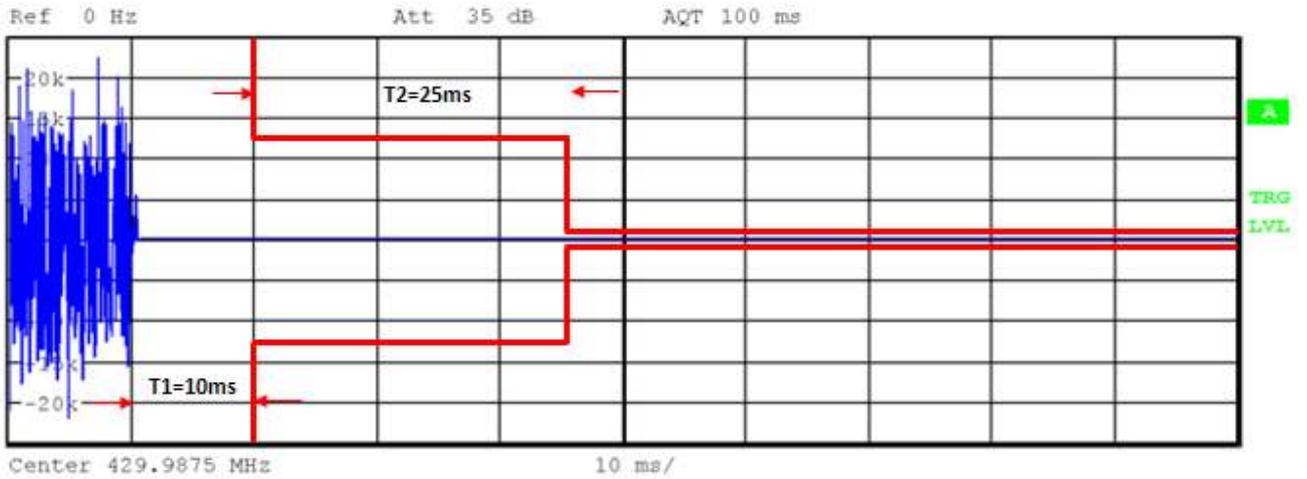


Exhibit 6I-5: 429.9875 MHz, 25 kHz Channel Spacing – Transmitter On (Not for FCC Review)

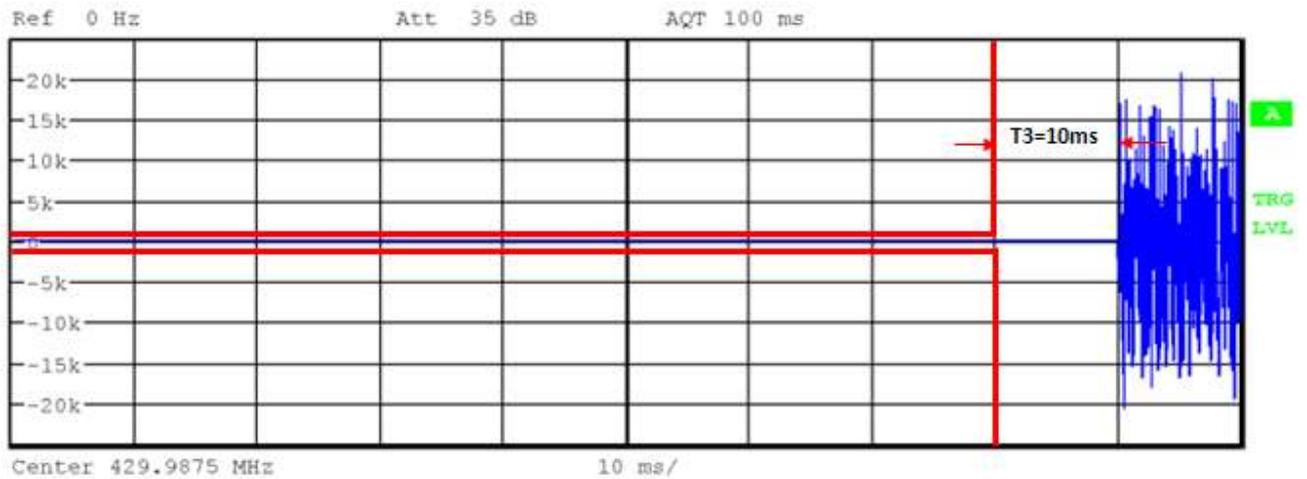


Exhibit 6I-6: 429.9875 MHz, 25 kHz Channel Spacing – Transmitter Off (Not for FCC Review)

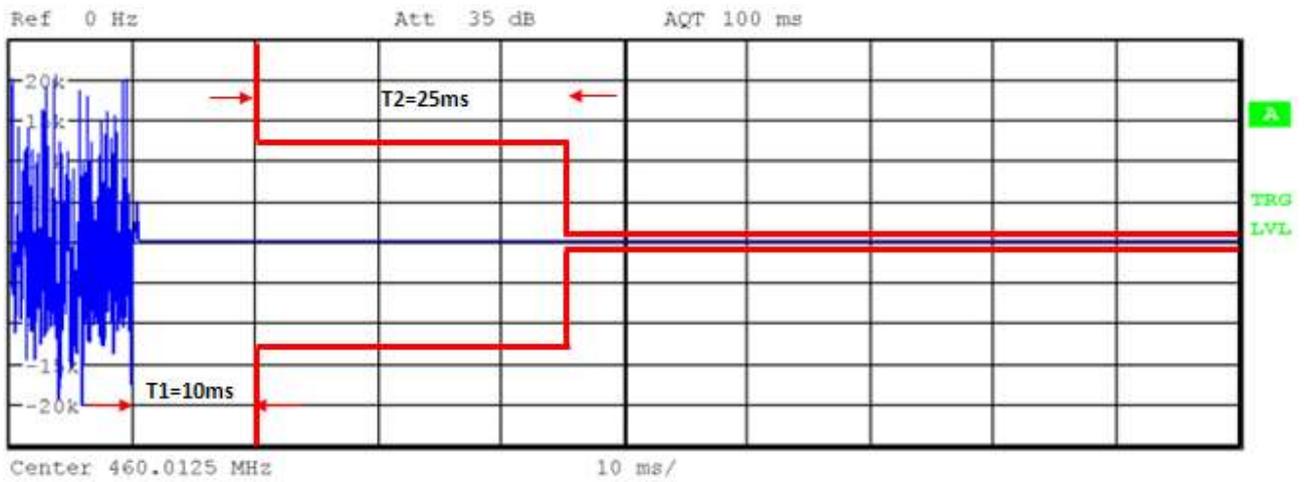


Exhibit 6I-7: 460.0125 MHz, 25 kHz Channel Spacing - Transmitter On (Not for FCC Review)

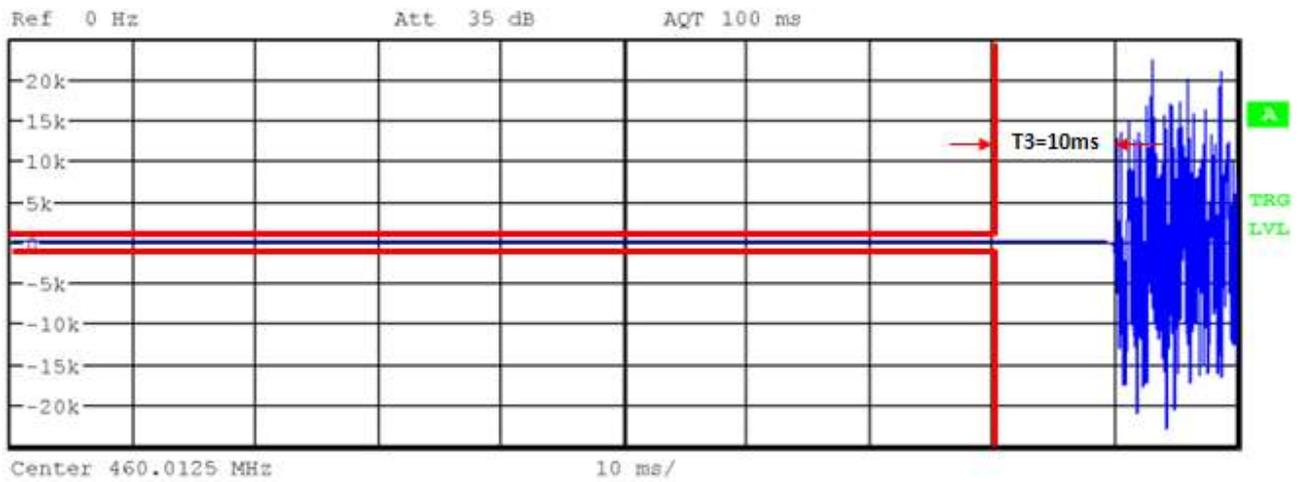


Exhibit 6I-8: 460.0125 MHz, 25 kHz Channel Spacing - Transmitter Off (Not for FCC Review)