

**EXHIBIT 6**

**INDEX OF SUBMITTED MEASURED DATA**

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

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**EXHIBIT 6B – Audio Frequency Response**

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6B-2: 25 kHz Channel Spacing, 467.775MHz, Transmit Audio Frequency Response

6B-3: 25 kHz Channel Spacing, 511.9875MHz, Transmit Audio Frequency Response (Not applicable for

IC)

**EXHIBIT 6C – Audio Low Pass Filter Response**

6C-1: 12.5 kHz Channel Spacing, 467.775MHz, Transmit Audio Low Pass Filter Response

6C-2: 25 kHz Channel Spacing, 467.775MHz, Transmit Audio Low Pass Filter Response

6C-3: 25 kHz Channel Spacing, 511.9875MHz, Transmit Audio Low Pass Filter Response (Not applicable

for IC)

**EXHIBIT 6D – Modulation Limiting**

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6E-30: 526.9875 MHz, O.153 Test Pattern 4FSK Voice and Data Modulation Only, 7K60F1W Mask D (Not applicable for FCC/IC)  
6E-31: 467.775 MHz, 25 kHz, 2500 Hz Audio Modulation Only, 16K0F3E Mask B, Mask 80.211(c)

**EXHIBIT 6F – Transmit Conducted Spurious Emissions**

6F-1: 1W Harmonic of Carrier 406.2 MHz, 12.5 kHz Channel Spacing, Digital Mode  
6F-2: 1W Harmonic of Carrier 450.65 MHz, 12.5 kHz Channel Spacing, Digital Mode  
6F-3: 1W Harmonic of Carrier 459.125 MHz, 12.5 kHz Channel Spacing, Digital Mode  
6F-4: 1W Harmonic of Carrier 467.775 MHz, 12.5 kHz Channel Spacing, Digital Mode  
6F-5: 1W Harmonic of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing, Digital Mode (Not applicable for IC)  
6F-6: 1W Harmonic of Carrier 526.9875 MHz, 12.5 kHz Channel Spacing, Digital Mode (Not applicable for FCC/IC)  
6F-7: 1W Harmonic of Carrier 406.2 MHz, 25 kHz Channel Spacing, Analog Mode (Not for FCC review)  
6F-8: 1W Harmonic of Carrier 450.65 MHz, 25 kHz Channel Spacing, Analog Mode  
6F-9: 1W Harmonic of Carrier 459.125 MHz, 25 kHz Channel Spacing, Analog Mode  
6F-10: 1W Harmonic of Carrier 467.775 MHz, 25 kHz Channel Spacing, Analog Mode  
6F-11: 1W Harmonic of Carrier 511.9875 MHz, 25 kHz Channel Spacing, Analog Mode (Not applicable for IC)  
6F-12: 1W Harmonic of Carrier 526.9875 MHz, 25 kHz Channel Spacing, Analog Mode (Not applicable for FCC/IC)  
6F-13: 4.8W Harmonic of Carrier 406.2 MHz, 12.5 kHz Channel Spacing, Digital Mode  
6F-14: 4.8W Harmonic of Carrier 450.65 MHz, 12.5 kHz Channel Spacing, Digital Mode  
6F-15: 4.8W Harmonic of Carrier 459.125 MHz, 12.5 kHz Channel Spacing, Digital Mode  
6F-16: 4.8W Harmonic of Carrier 467.775 MHz, 12.5 kHz Channel Spacing, Digital Mode  
6F-17: 4.8W Harmonic of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing, Digital Mode (Not applicable for IC)  
6F-18: 4.8W Harmonic of Carrier 526.9875 MHz, 12.5 kHz Channel Spacing, Digital Mode (Not applicable for FCC/IC)  
6F-19: 4.8W Harmonic of Carrier 406.2 MHz, 25 kHz Channel Spacing, Analog Mode (Not for FCC review)  
6F-20: 4.8W Harmonic of Carrier 450.65 MHz, 25 kHz Channel Spacing, Analog Mode  
6F-21: 4.8W Harmonic of Carrier 459.125 MHz, 25 kHz Channel Spacing, Analog Mode  
6F-22: 4.8W Harmonic of Carrier 467.775 MHz, 25 kHz Channel Spacing, Analog Mode  
6F-23: 4.8W Harmonic of Carrier 511.9875 MHz, 25 kHz Channel Spacing, Analog Mode (Not applicable for IC)  
6F-24: 4.8W Harmonic of Carrier 526.9875 MHz, 25 kHz Channel Spacing, Analog Mode (Not applicable for FCC/IC)

**EXHIBIT 6G – Transmit Radiated Spurious Emissions****EXHIBIT 6H - Frequency Stability**

6H-1: 467.775 MHz, 0.5 ppm Frequency Stability vs. Temperature  
6H-2: 467.775 MHz, 0.5 ppm Frequency Stability vs. Voltage

**EXHIBIT 6I– Transient Frequency Behavior**

6I-1: 467.775 MHz, 12.5 kHz Channel Spacing – Transmitters On  
6I-2: 467.775 MHz, 12.5 kHz Channel Spacing – Transmitters Off  
6I-3: 467.775 MHz, 25 kHz Channel Spacing – Transmitter On  
6I-4: 467.775 MHz, 25 kHz Channel Spacing – Transmitter Off

**\*\* Please note that the above data were taken following the procedures and limits outlined in TIA 603-D and RSS 119 during the month of August 2015. See Table 2 in Ex07\_test procedures**

Radio model tested: AAH56RDN9RA1AN

**Important Note: The data in this test report meets or exceeds the technical requirements of FCC Rule Parts 22,74, 80 and 90, and IC RSS 119.**

**EXHIBIT 6A****RF Output Power:****Frequency = 406.2 MHz:**

Output RF power	4.76 Watts
DC Voltage	7.50 Volts
DC Current	1.59 Amps

Output RF power	1.14 Watts
DC Voltage	7.50 Volts
DC Current	0.77 Amps

**Frequency= 450.65 MHz:**

Output RF power	4.76 Watts
DC Voltage	7.50 Volts
DC Current	1.63 Amps

Output RF power	1.19 Watts
DC Voltage	7.50 Volts
DC Current	0.80 Amps

**Frequency= 459.125 MHz:**

Output RF power	4.79 Watts
DC Voltage	7.50 Volts
DC Current	1.62 Amps

Output RF power	1.18 Watts
DC Voltage	7.50 Volts
DC Current	0.81 Amps

**Frequency= 467.775 MHz:**

Output RF power	4.73 Watts
DC Voltage	7.50 Volts
DC Current	1.62 Amps

Output RF power	1.16 Watts
DC Voltage	7.50 Volts
DC Current	0.81 Amps

**Frequency = 511.9875 MHz (Not applicable for IC):**

Output RF power	4.75 Watts
DC Voltage	7.50 Volts
DC Current	1.6 Amps

Output RF power	1.23 Watts
DC Voltage	7.50 Volts
DC Current	0.71 Amps

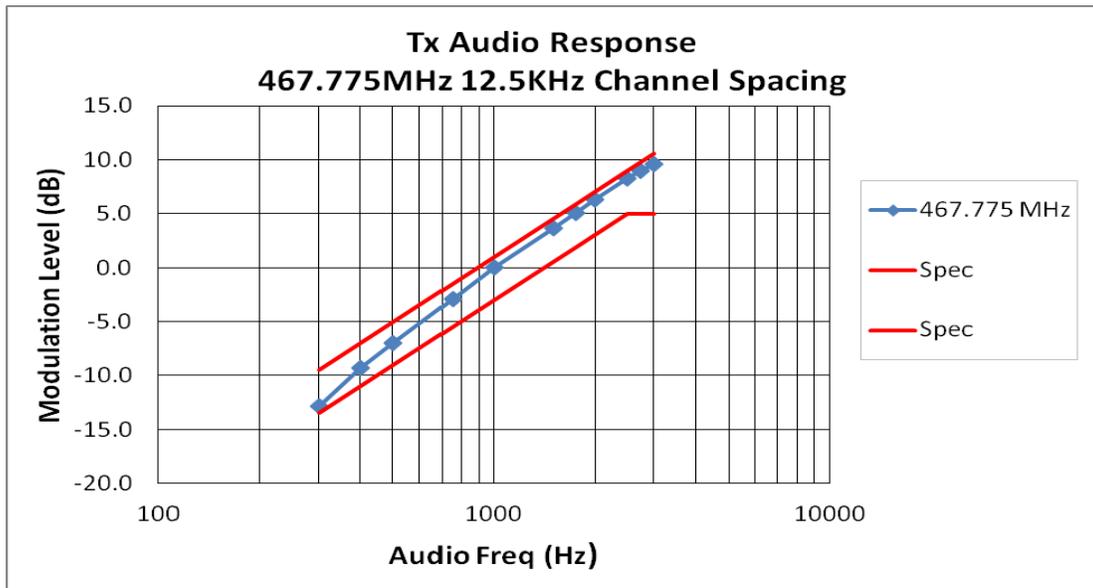
**Frequency = 526.9875 MHz** (Not applicable for FCC/IC):

Output RF power	4.72 Watts
DC Voltage	7.50 Volts
DC Current	1.63 Amps

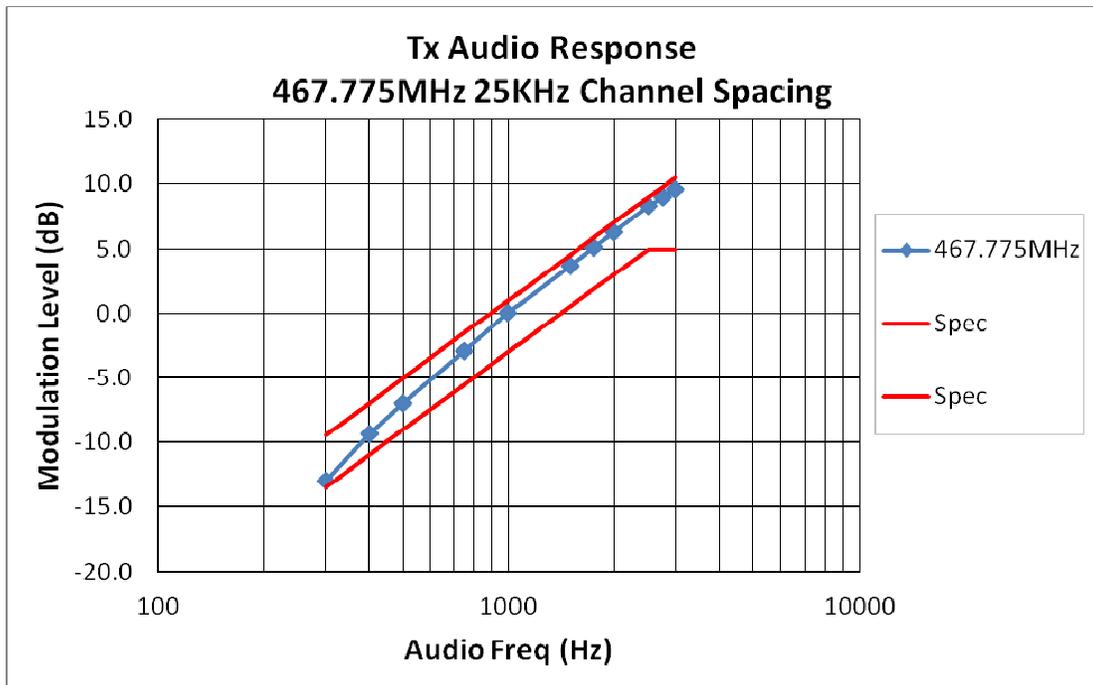
Output RF power	1.28 Watts
DC Voltage	7.50 Volts
DC Current	0.76 Amps

**EXHIBIT 6B**

**Audio Frequency Response**



**Figure 6B-1:** 12.5 kHz Channel Spacing, 467.775MHz, Transmit Audio Frequency Response



**Figure 6B-2:** 25 kHz Channel Spacing, 467.775MHz, Transmit Audio Frequency Response

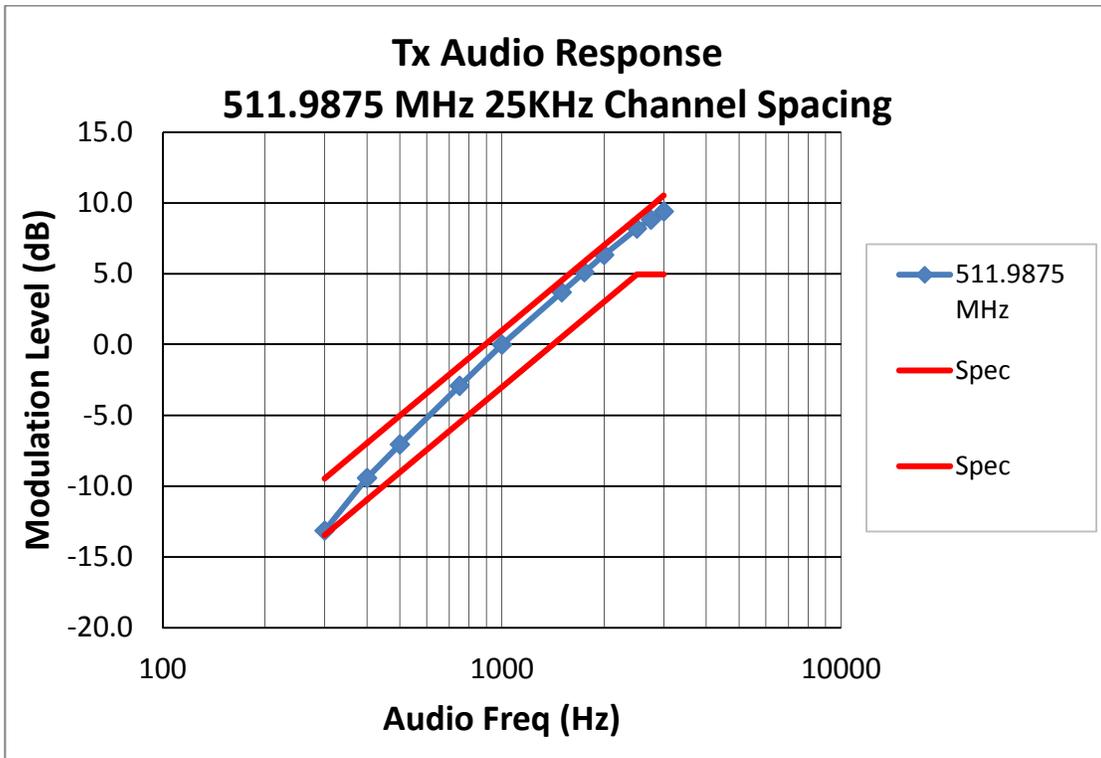


Figure 6B-3: 25 kHz Channel Spacing, 511.9875 MHz, Transmit Audio Frequency Response(Not applicable for IC)

EXHIBIT 6C

Audio Low Pass Filter Response

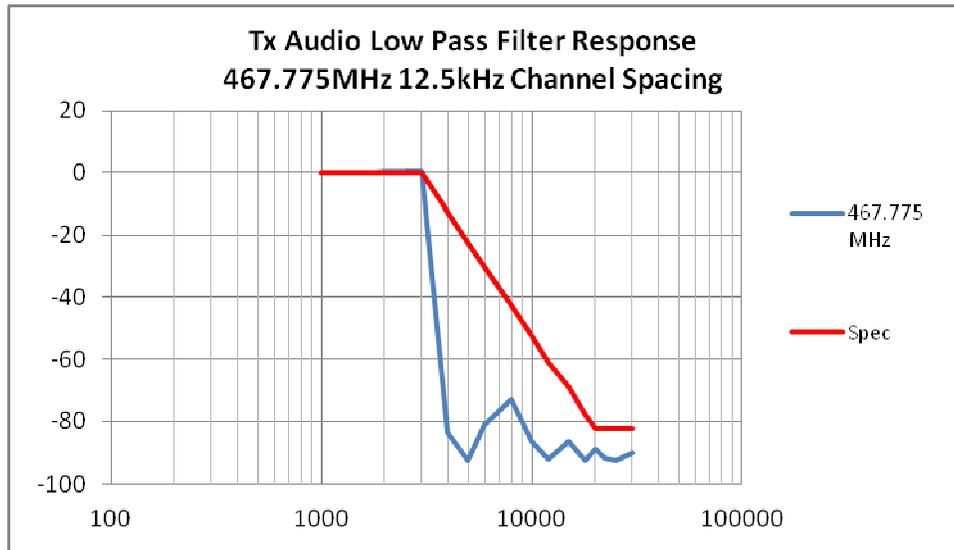


Figure 6C-1: 12.5 kHz Channel Spacing, 467.775MHz, Transmit Audio Low Pass Filter Response

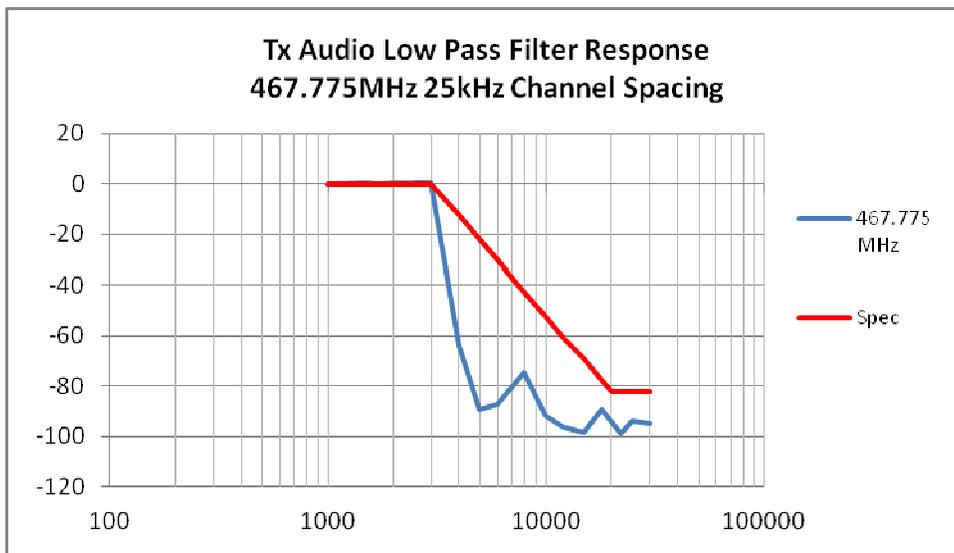


Figure 6C-2: 25 kHz Channel Spacing, 467.775MHz, Transmit Audio Low Pass Filter Response

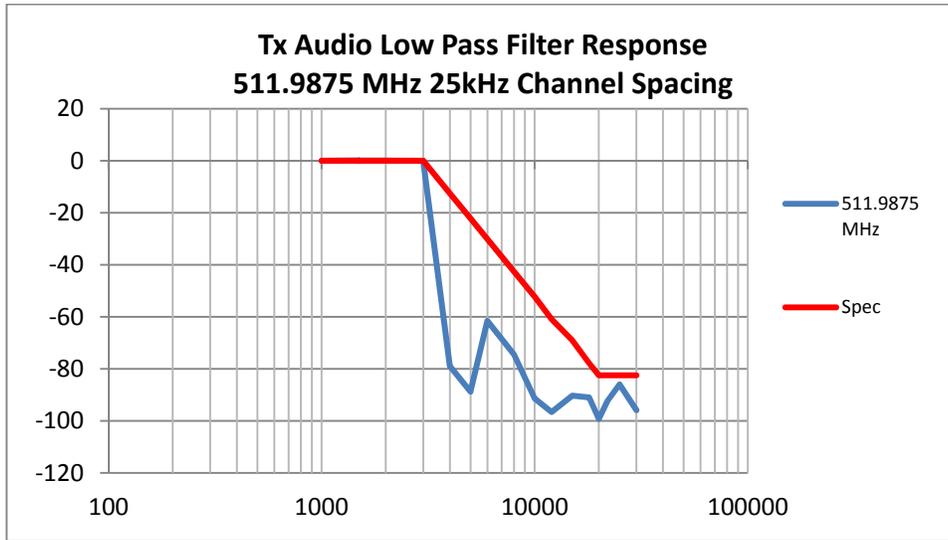


Figure 6C-3: 25 kHz Channel Spacing, 511.9875MHz, Transmit Audio Low Pass Filter Response

EXHIBIT 6D

Modulation Limiting

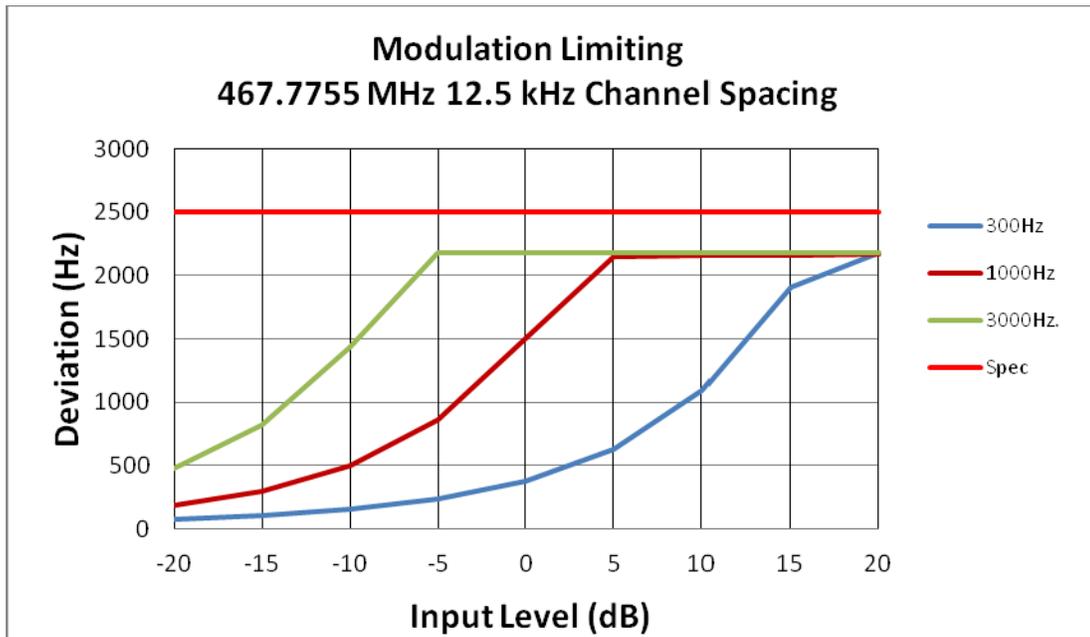


Figure 6D-1: 12.5 kHz Channel Spacing, 467.775MHz, Modulation Limiting

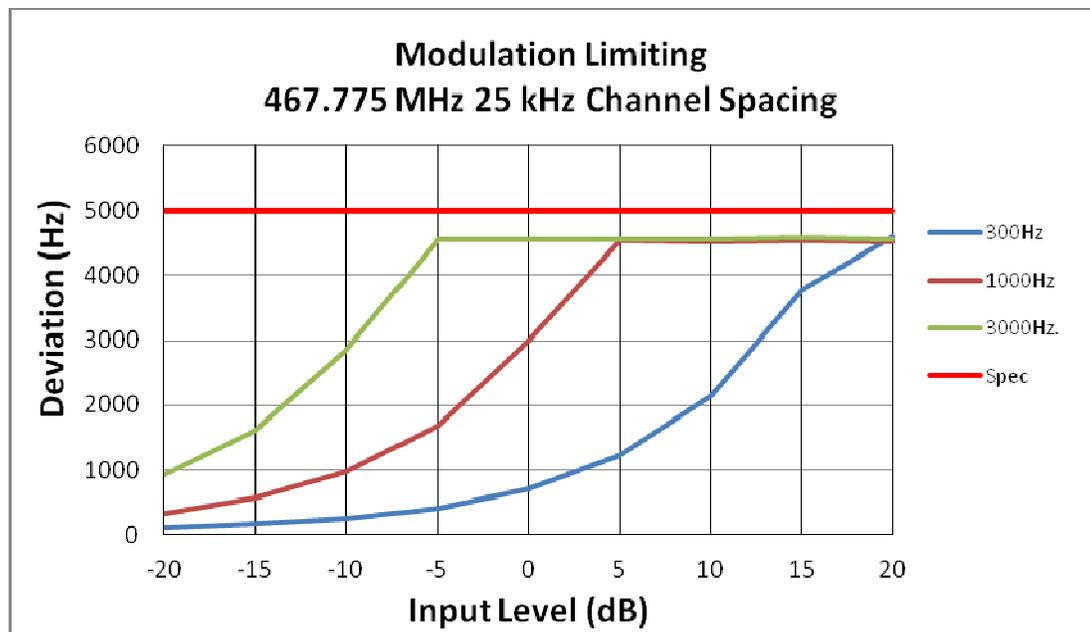


Figure 6D-2: 25 kHz Channel Spacing, 467.775MHz, Modulation Limiting

**EXHIBIT 6E**

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

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

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

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

Per CFR Title 47, Part 2, Section 2.201:

Frequency Modulation.....	<b>F</b>
A single channel containing analogue information.....	<b>3</b>
Telephony (including sound broadcasting).....	<b>E</b>

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

Standard Audio Modulation (12.5 kHz Channelization, Analog Voice)

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

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

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

Per CFR Title 47, Part 2, Section 2.201:

Frequency Modulation.....	<b>F</b>
A single channel containing analogue information.....	<b>3</b>
Telephony (including sound broadcasting).....	<b>E</b>

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

4 Level FSK Digital Modulation Techniques

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

$$D = 3h / 2T$$

where:

- $h$  is the deviation index defined for the modulation
- $T$  is the symbol time (1/4800) in seconds

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

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

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

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

$|F(f)| = 1$  for  $|f| \leq 1920$  Hz  
 $|F(f)| = |\cos(\pi f / 1920)|$  for  $1920 \text{ Hz} < |f| \leq 2880$  Hz  
 $|F(f)| = 0$  for  $|f| > 2880$  Hz  
 where  $f$  = frequency in hertz.

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



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

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

Per CFR Title 47, Part 2, Section 2.201:

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

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

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

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

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

Per CFR Title 47, Part 2, Section 2.201:

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

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

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

Digital (12.5 kHz Channelization, Digital TDMA)

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

Per CFR Title 47, Part 2, Section 2.201:

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

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

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

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

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

Per CFR Title 47, Part 2, Section 2.201:

Frequency Modulation.....	<b>F</b>
Case not otherwise covered.....	<b>X</b>
Data Transmission, telemetry, telecommand.....	<b>D</b>

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

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

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

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

Per CFR Title 47, Part 2, Section 2.201:

Frequency Modulation.....	<b>F</b>
Case not otherwise covered.....	<b>X</b>
Telephony (including sound broadcasting).....	<b>E</b>

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

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

EXHIBIT 6E

Occupied Bandwidth Measurement

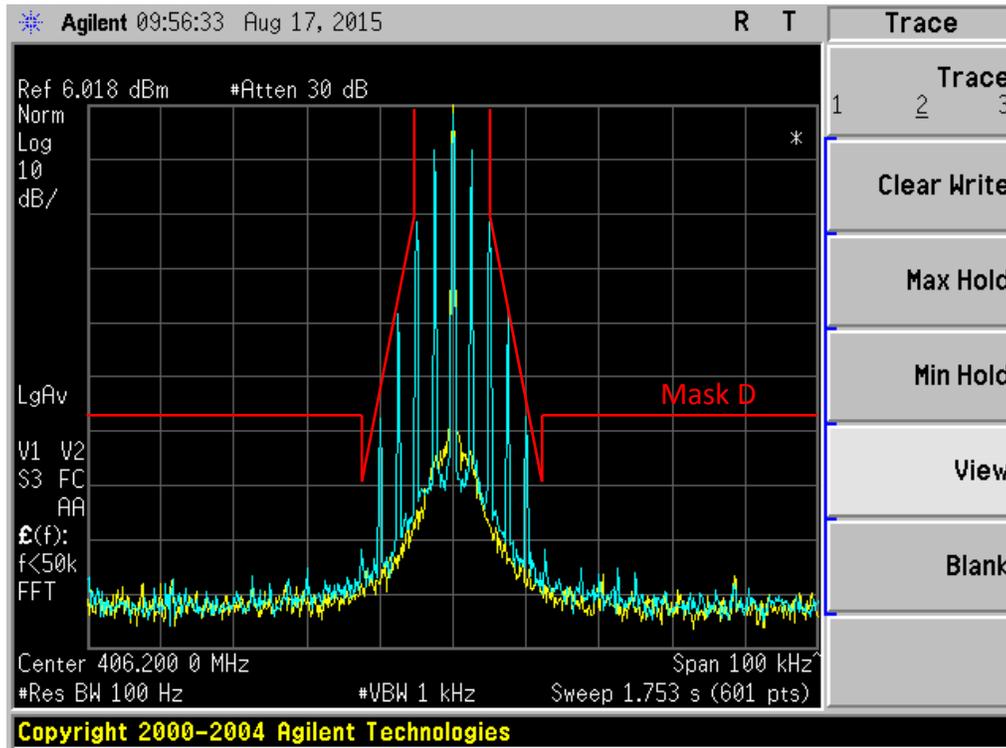
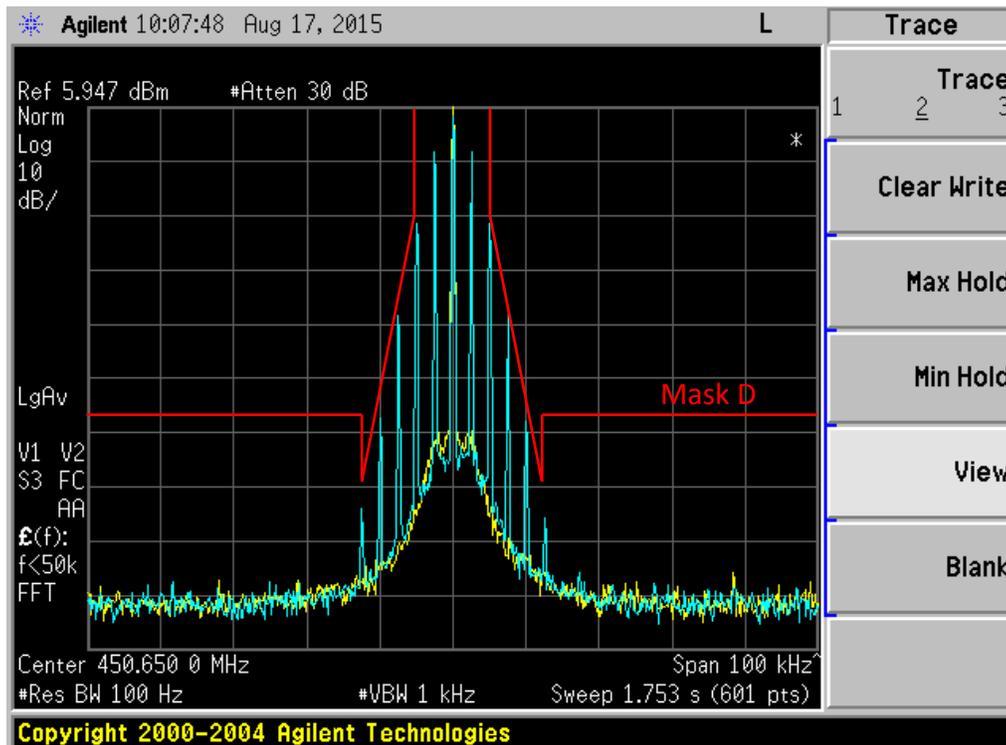
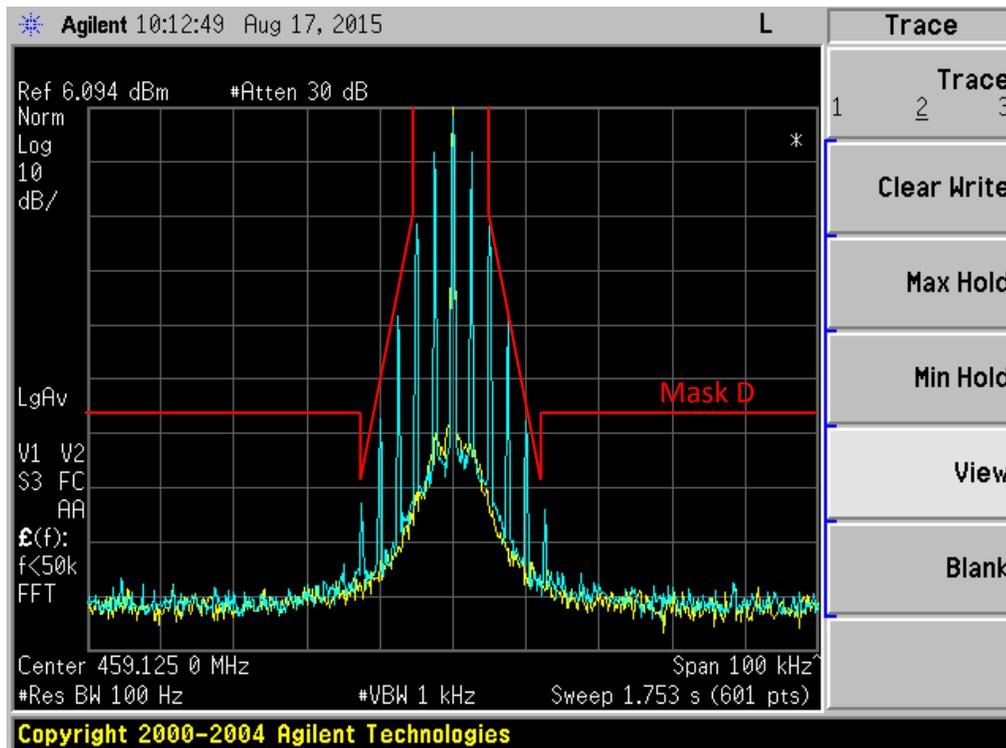


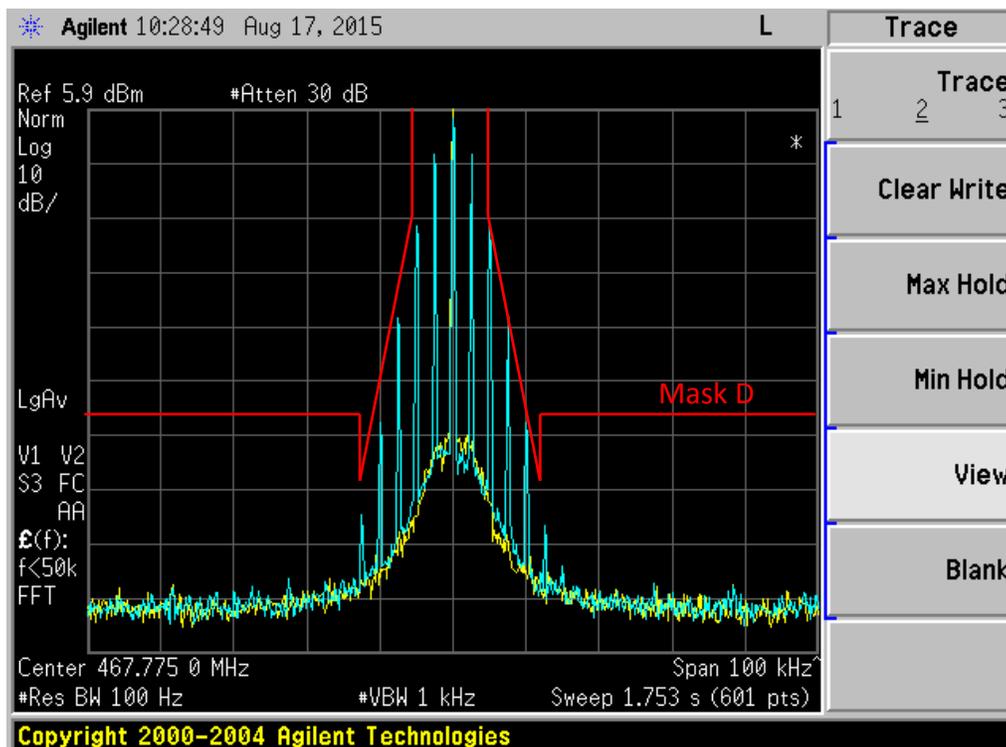
Figure 6E-1: 406.2 MHz, 12.5 kHz Channel Spacing, 2500Hz Audio Modulation only, 11K0F3E Mask D



**Figure 6E-2:** 450.65 MHz, 12.5 kHz Channel Spacing, 2500Hz Audio Modulation only, 11K0F3E Mask D



**Figure 6E-3:** 459.125 MHz, 12.5 kHz Channel Spacing, 2500Hz Audio Modulation only, 11K0F3E Mask D



**Figure 6E-4:** 467.775 MHz, 12.5 kHz Channel Spacing, 2500Hz Audio Modulation only,

11K0F3E Mask D

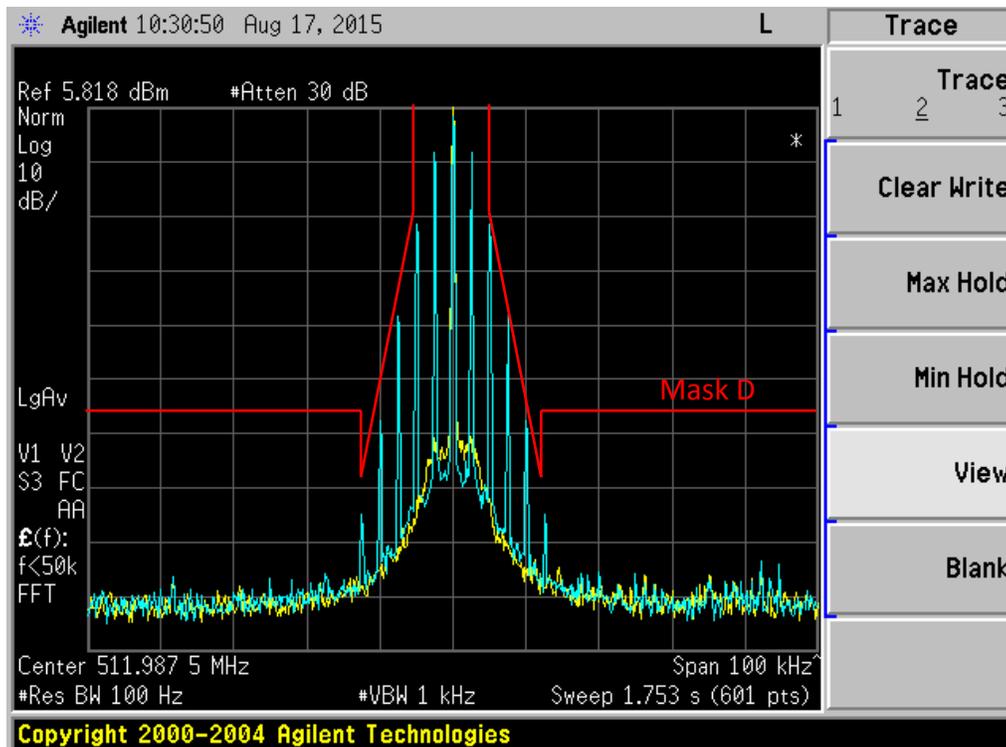


Figure 6E-5: 511.9875 MHz, 12.5 kHz Channel Spacing, 2500Hz Audio Modulation only, 11K0F3E Mask D (Not applicable for IC)

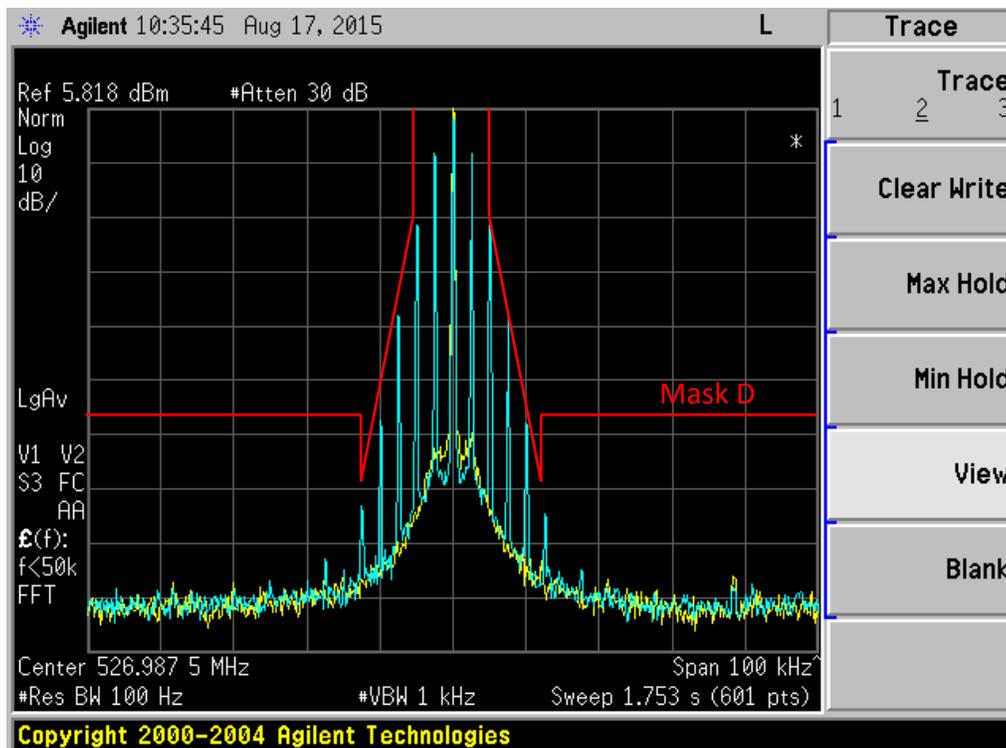


Figure 6E-6: 526.9875 MHz, 12.5 kHz Channel Spacing, 2500Hz Audio Modulation only, 11K0F3E Mask D (Not applicable for FCC/IC)

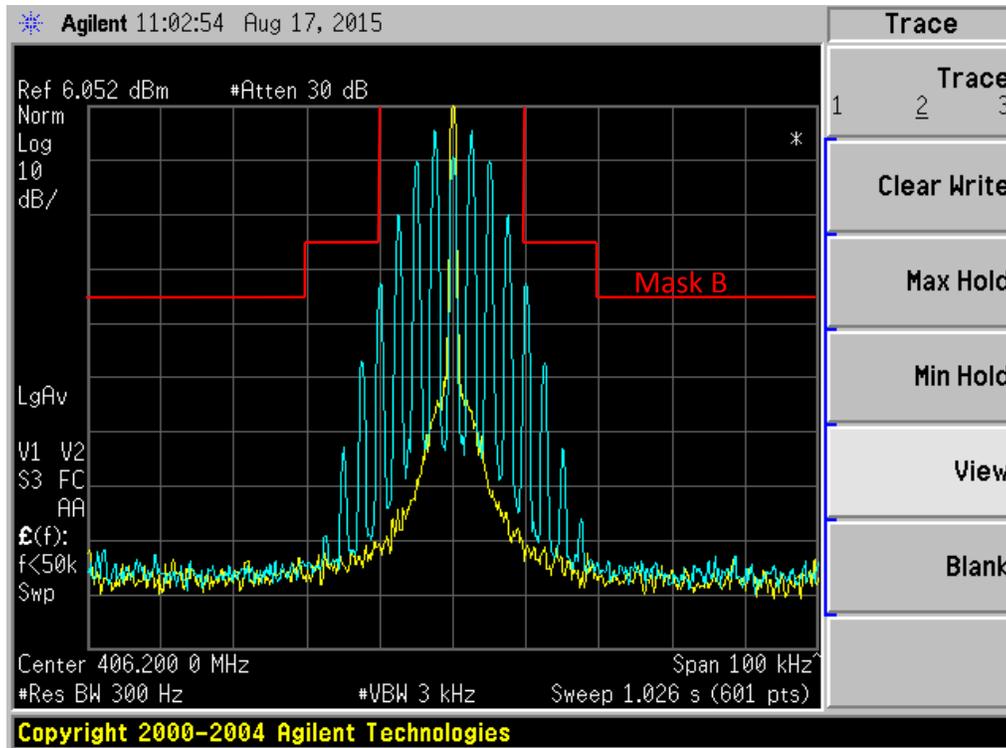


Figure 6E-7: 406.2 MHz, 25 kHz Channel Spacing, 2500Hz Audio Modulation only, 16K0F3E Mask B (Not for FCC review)

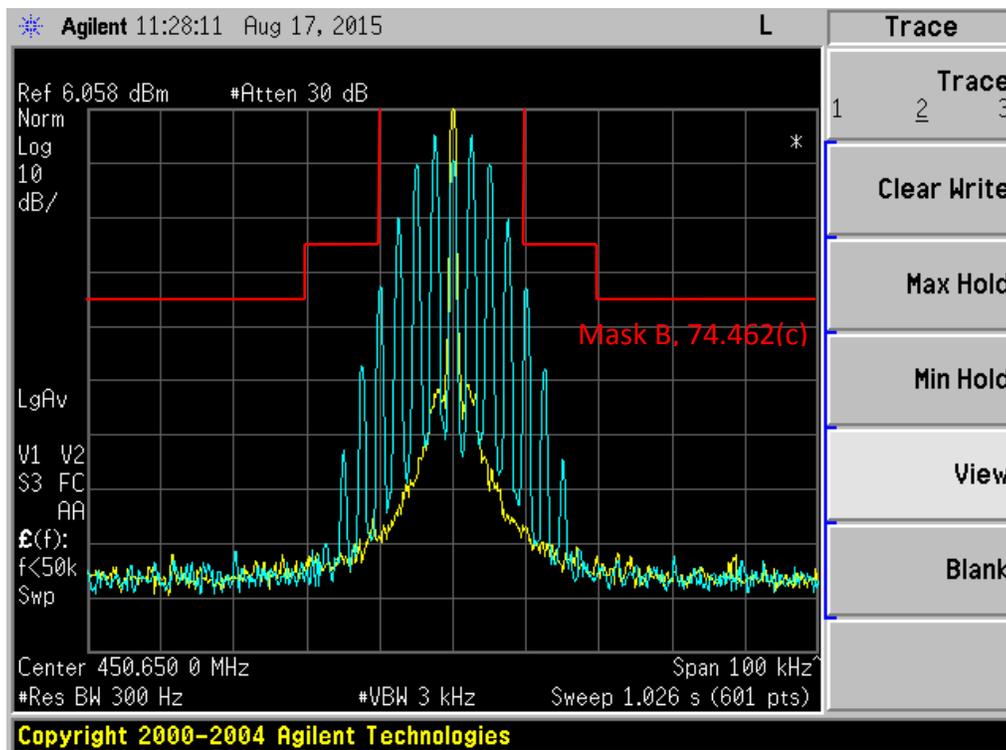


Figure 6E-8: 450.65 MHz, 25 kHz Channel Spacing, 2500Hz Audio Modulation only, 16K0F3E Mask B, Mask 74.462(c)

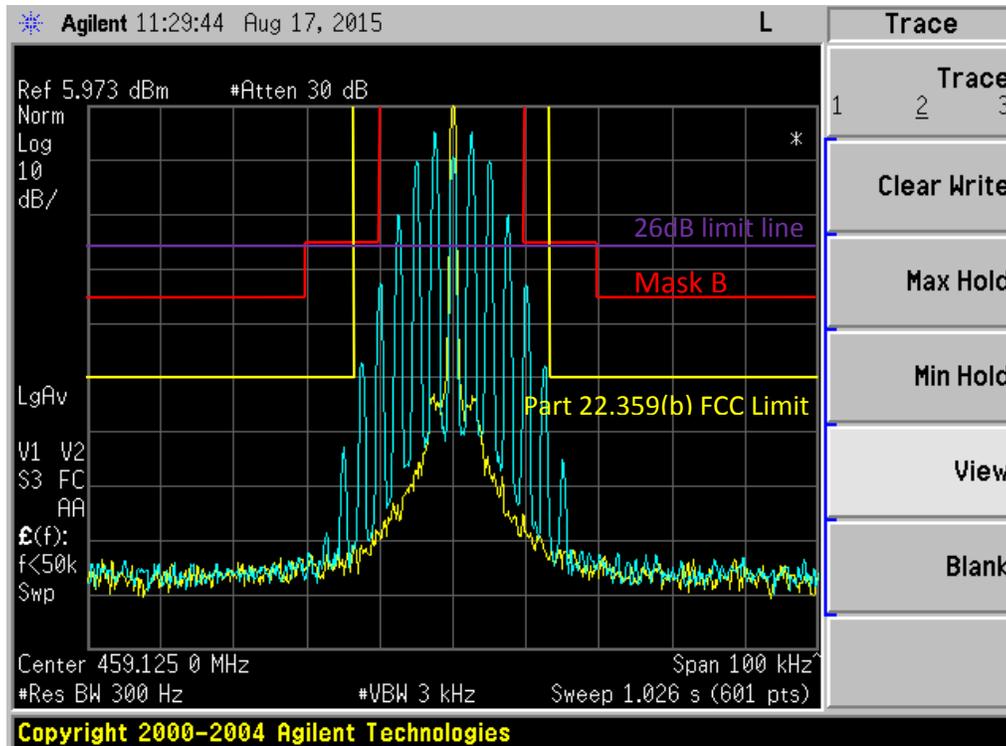


Figure 6E-9: 459.125 MHz, 25 kHz Channel Spacing, 2500Hz Audio Modulation only, 16K0F3E Mask B, Part 22.359(b) FCC Limit

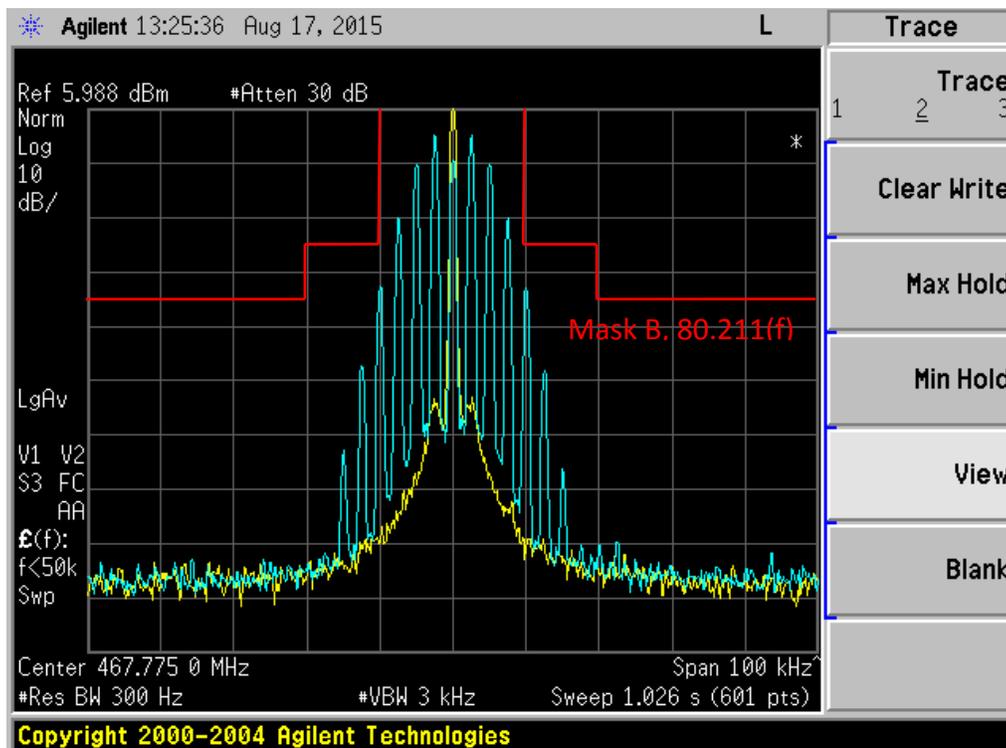


Figure 6E-10: 467.775 MHz, 25 kHz Channel Spacing, 2500Hz Audio Modulation only, 16K0F3E Mask B, Mask 80.211(f)

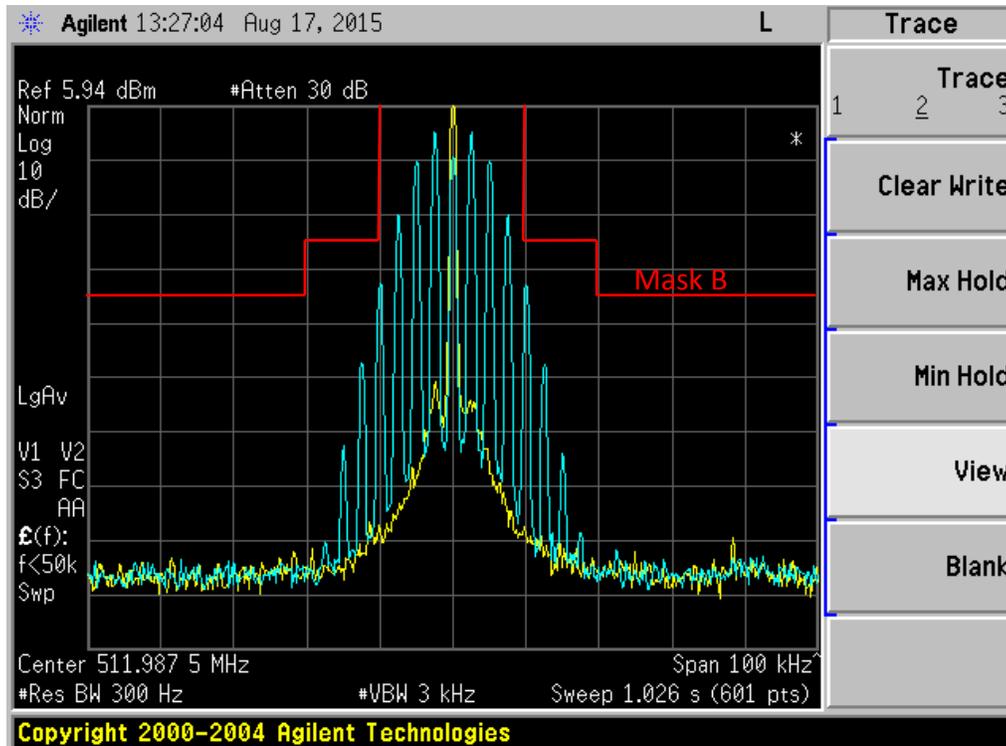


Figure 6E-11: 511.9875 MHz, 25 kHz Channel Spacing, 2500Hz Audio Modulation only, 16K0F3E Mask B (Not applicable for IC)

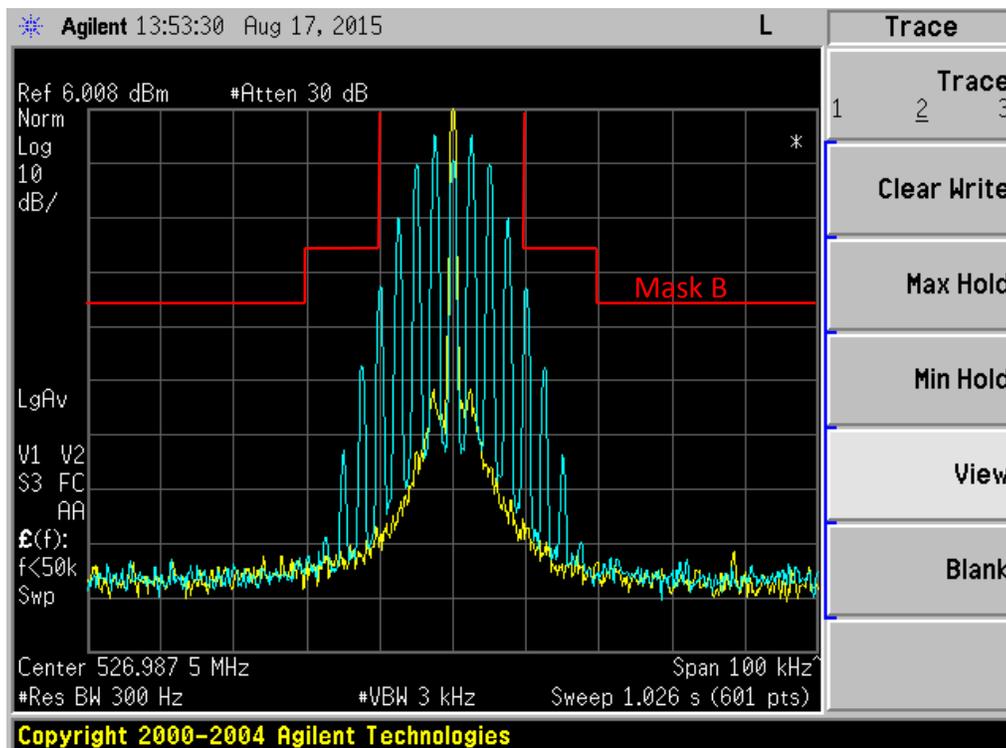


Figure 6E-12: 526.9875 MHz, 25 kHz Channel Spacing, 2500Hz Audio Modulation only, 16K0F3E Mask B (Not applicable for FCC/IC)

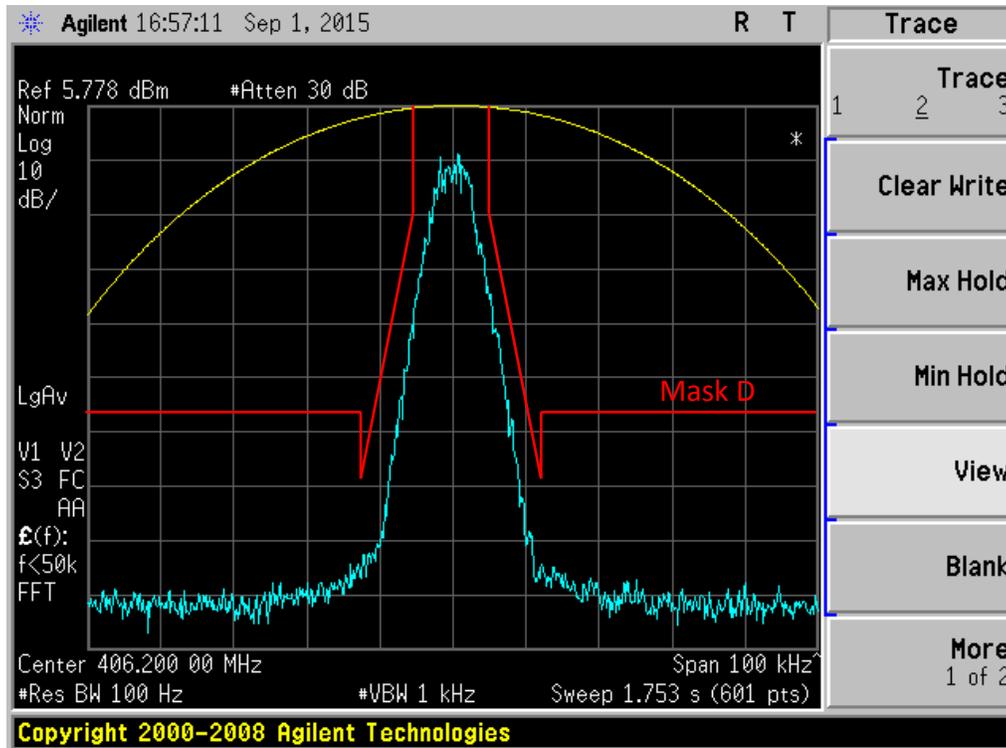


Figure 6E-13: 406.2 MHz, O.153 Test Pattern 4FSK Voice Modulation Only, 7K60F1E Mask D

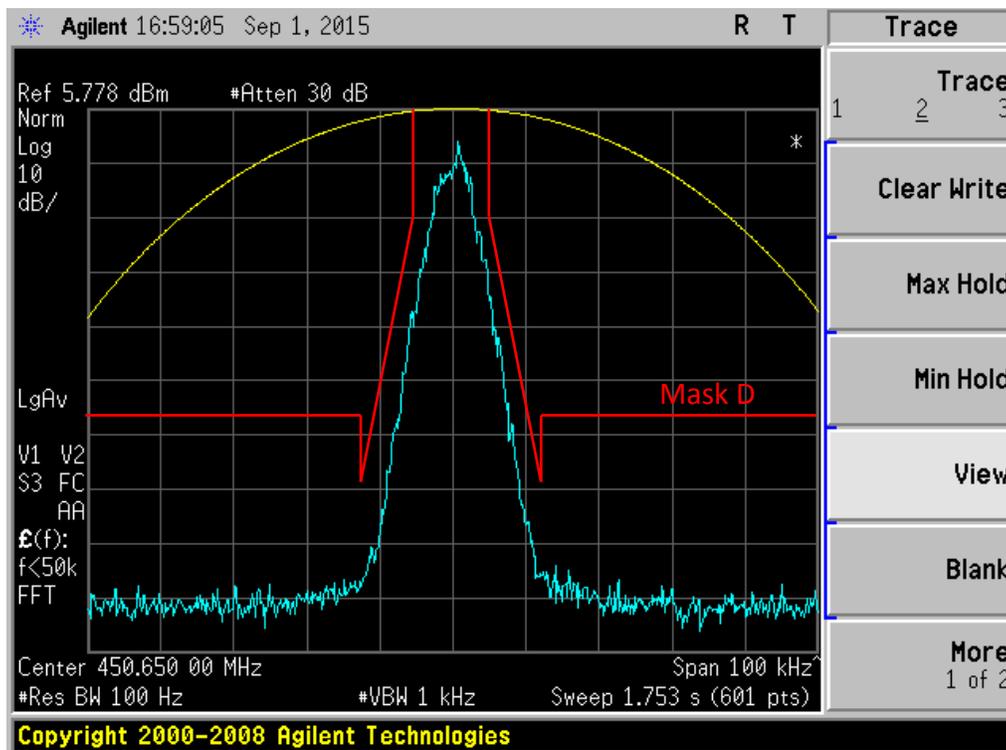


Figure 6E-14: 450.65 MHz, O.153 Test Pattern 4FSK Voice Modulation Only, 7K60F1E Mask D

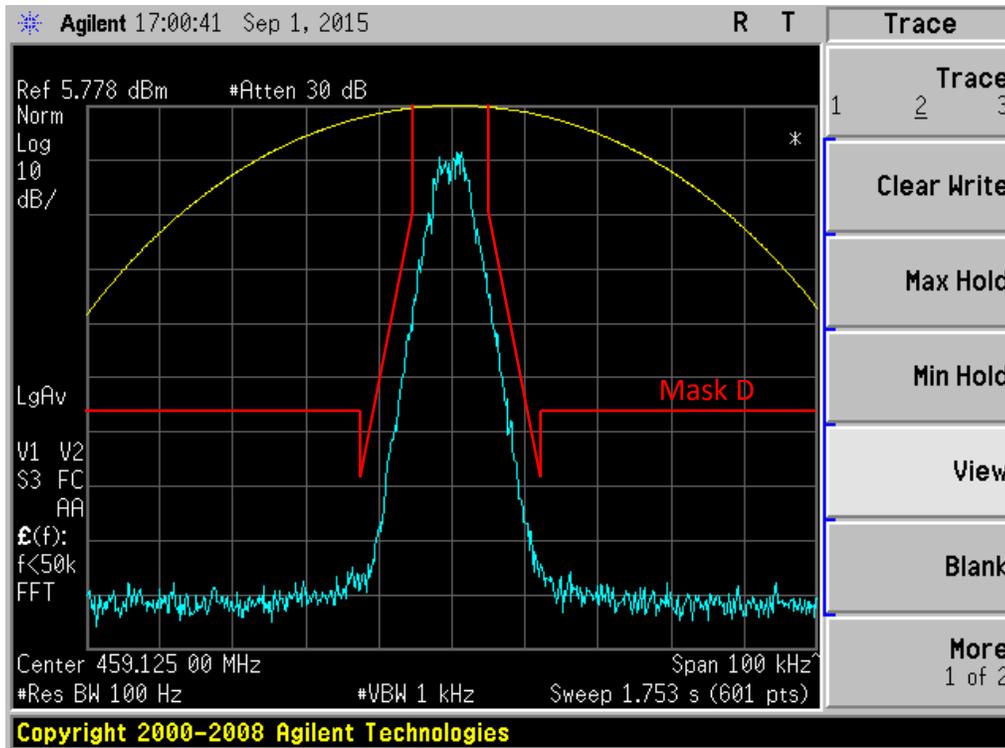


Figure 6E-15: 459.125 MHz, O.153 Test Pattern 4FSK Voice Modulation Only, 7K60F1E Mask D

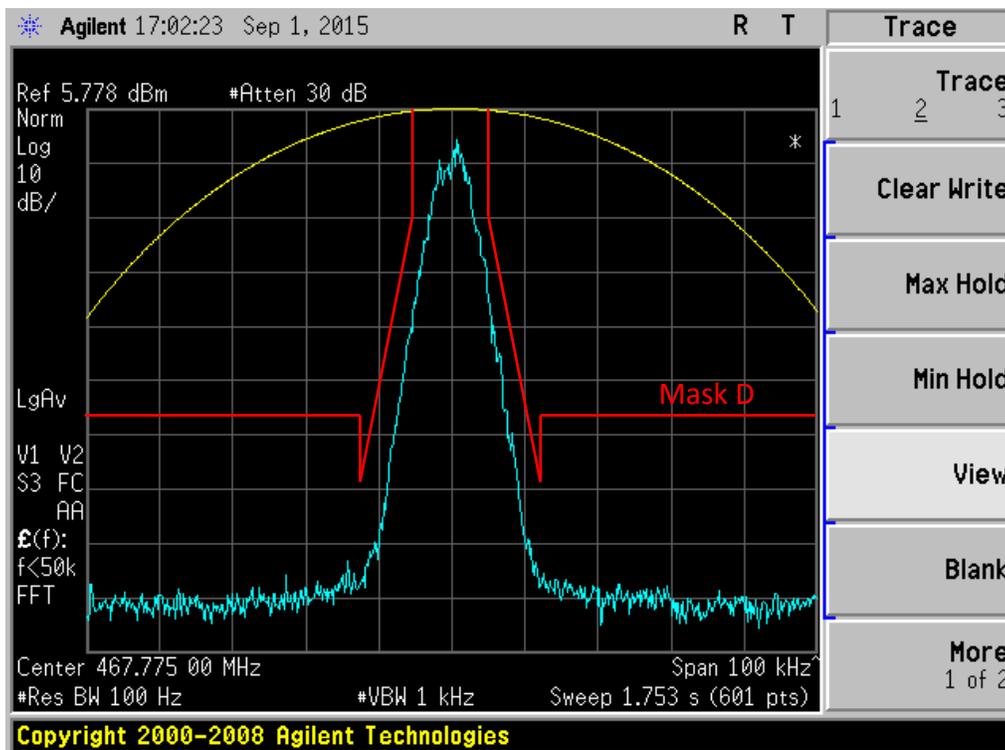


Figure 6E-16: 467.775 MHz, O.153 Test Pattern 4FSK Voice Modulation Only, 7K60F1E Mask D

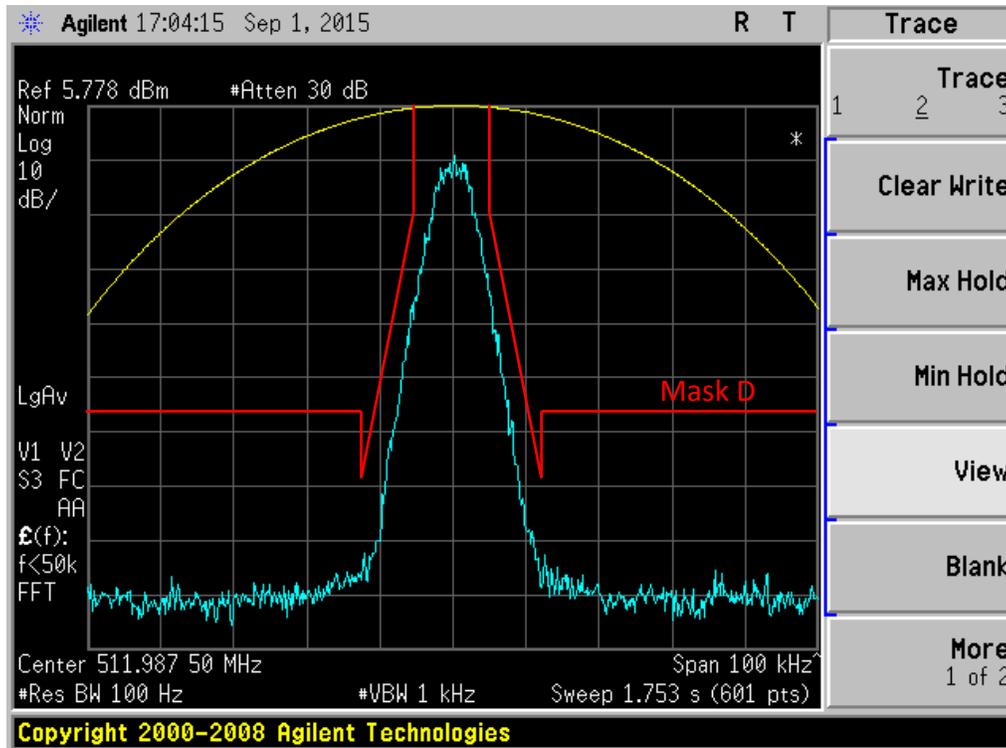


Figure 6E-17: 511.9875 MHz, O.153 Test Pattern 4FSK Voice Modulation Only, 7K60F1E Mask D (Not applicable for IC)

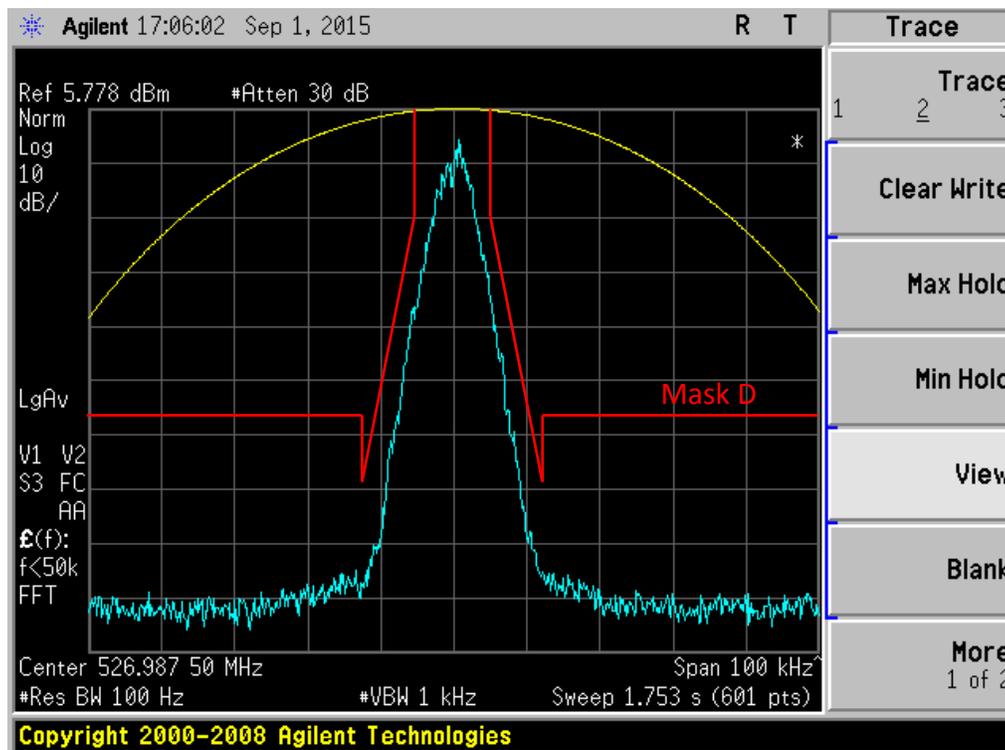


Figure 6E-18: 526.9875 MHz, O.153 Test Pattern 4FSK Voice Modulation Only, 7K60F1E Mask D (Not applicable for FCC/IC)

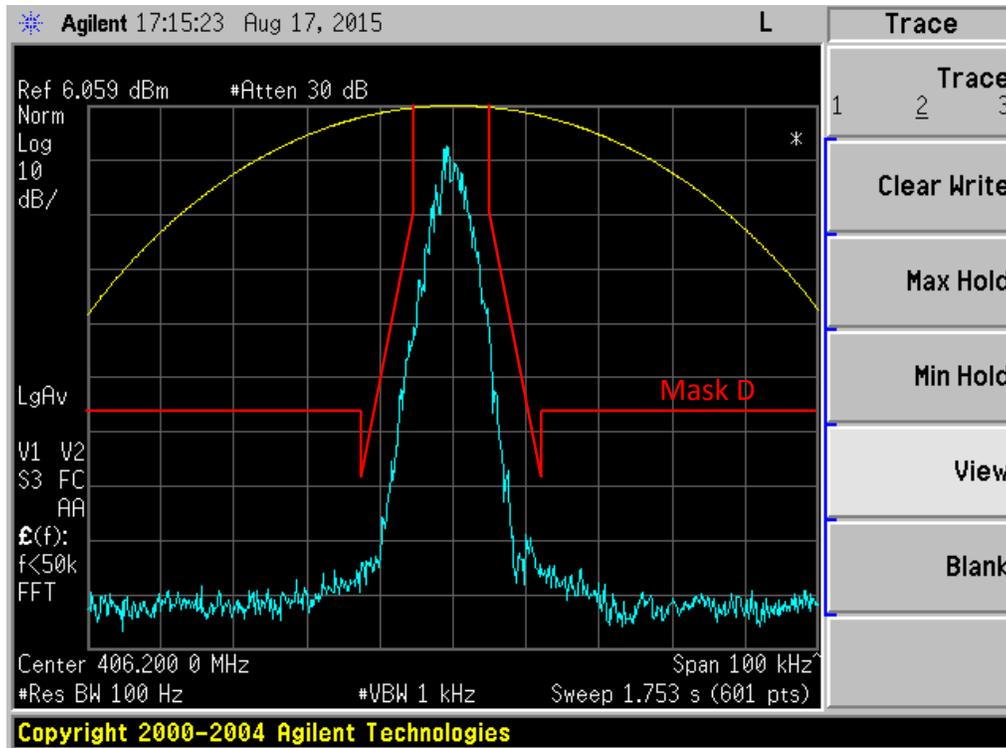


Figure 6E-19: 406.2 MHz, O.153 Test Pattern 4FSK Data Modulation Only, 7K60F1D Mask D

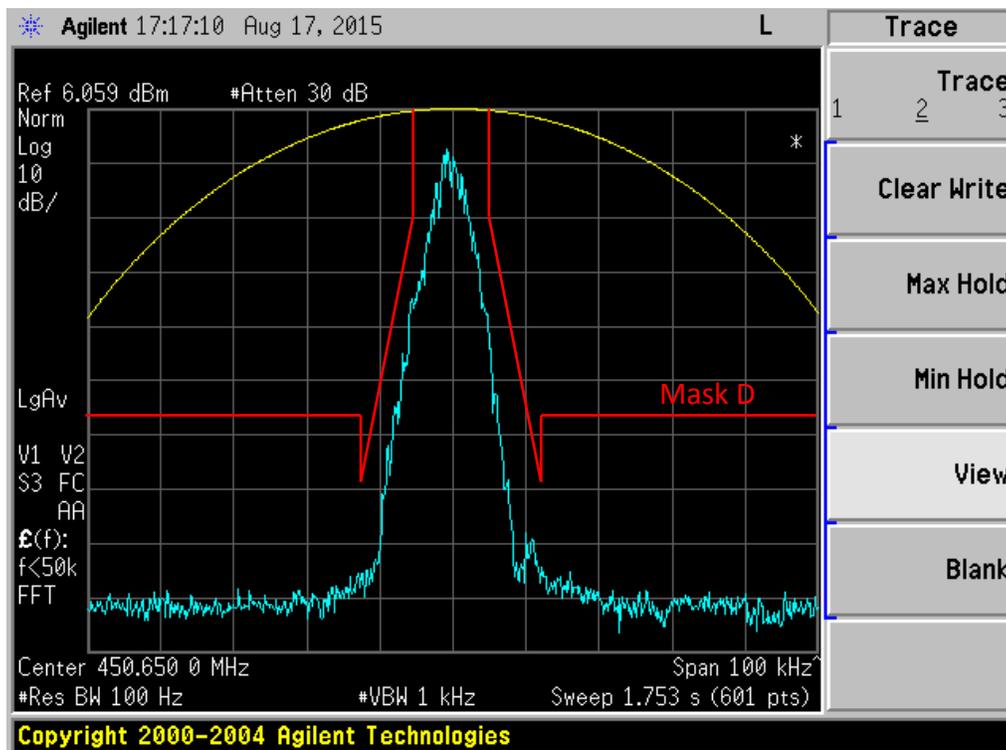


Figure 6E-20: 450.65 MHz, O.153 Test Pattern 4FSK Data Modulation Only, 7K60F1D Mask D

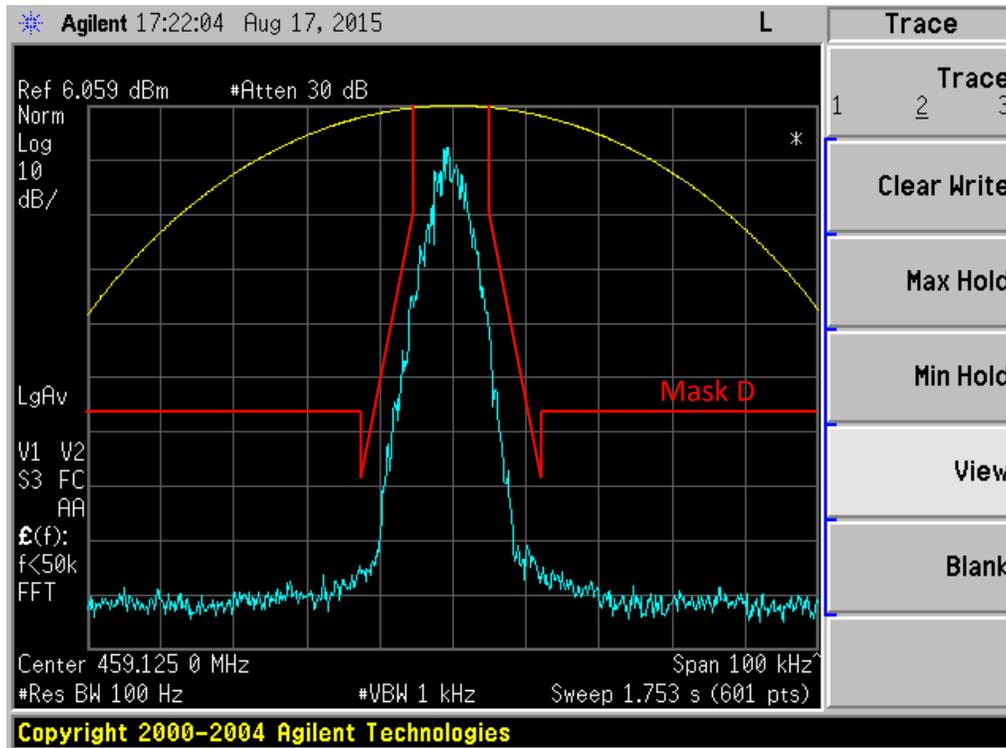


Figure 6E-21: 459.125 MHz, O.153 Test Pattern 4FSK Data Modulation Only, 7K60F1D Mask D

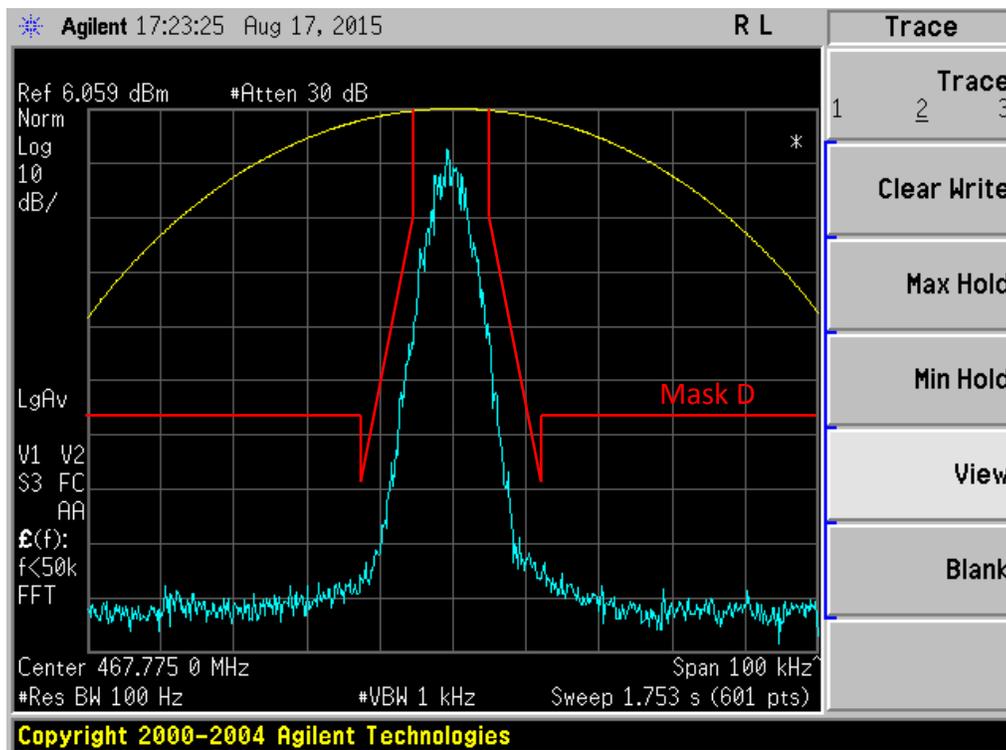


Figure 6E-22 467.775 MHz, O.153 Test Pattern 4FSK Data Modulation Only, 7K60F1D Mask D

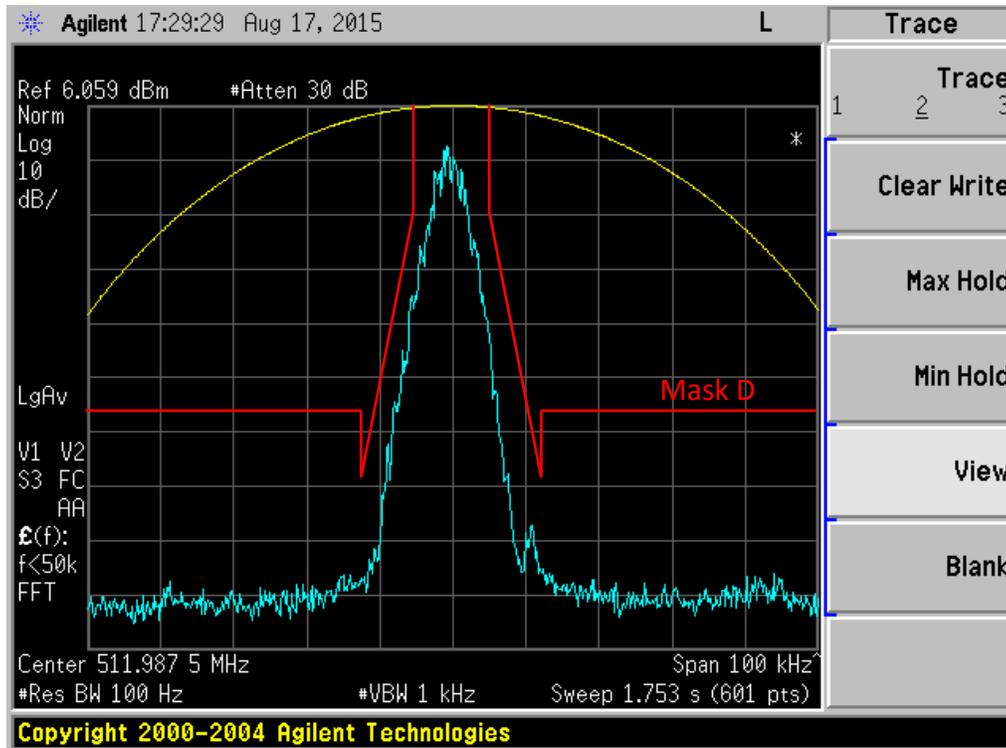


Figure 6E-23: 511.9875 MHz, O.153 Test Pattern 4FSK Data Modulation Only, 7K60F1D Mask D (Not applicable for IC)

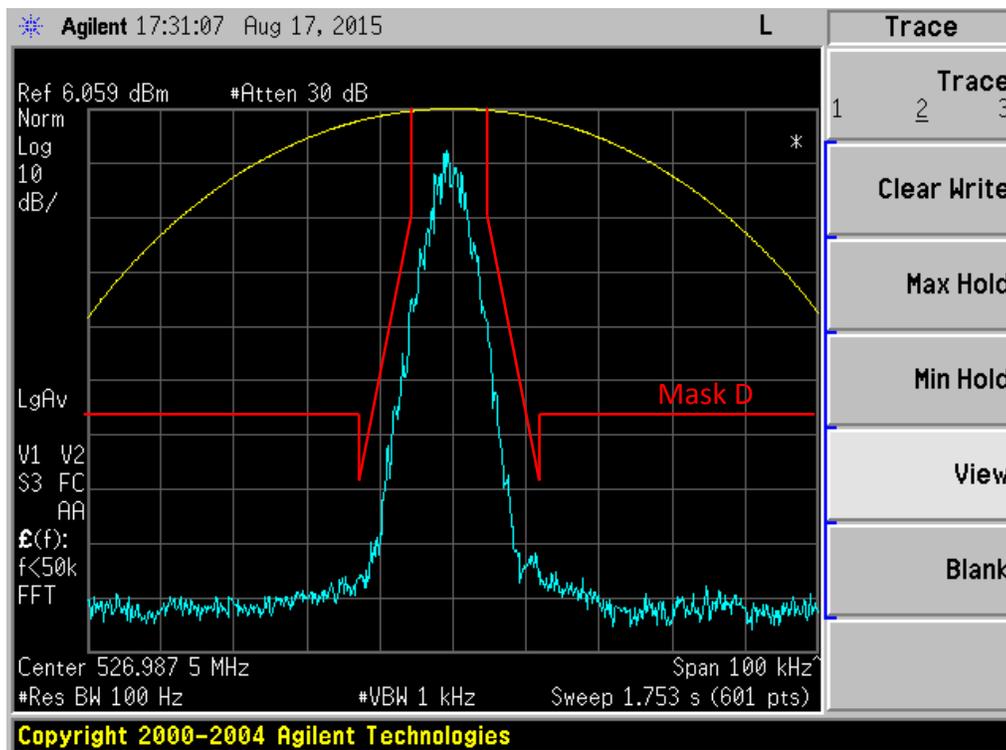


Figure 6E-24: 526.9875 MHz, O.153 Test Pattern 4FSK Data Modulation Only, 7K60F1D Mask D (Not applicable for FCC/IC)

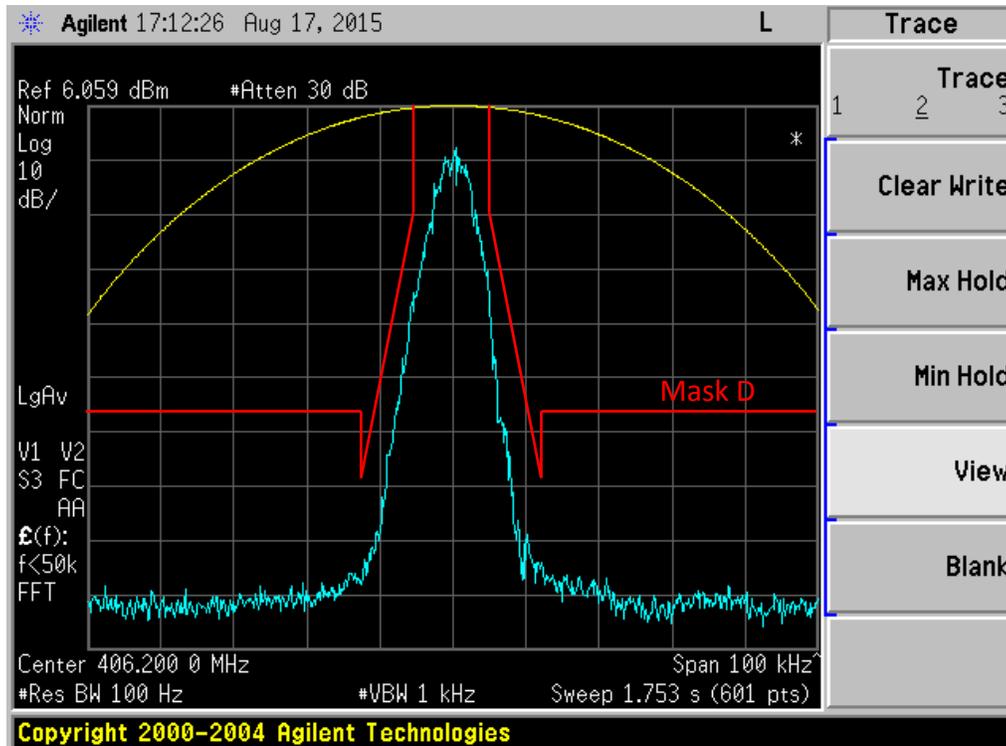


Figure 6E-25: 406.2 MHz, O.153 Test Pattern 4FSK Voice and Data Modulation Only, 7K60F1W Mask D

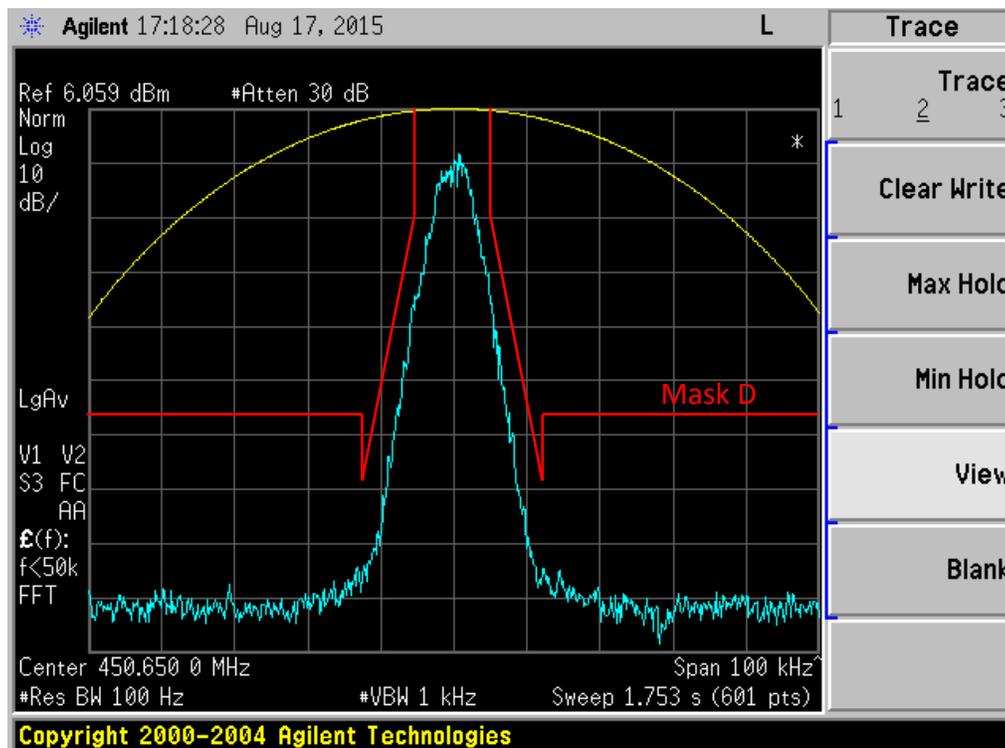


Figure 6E-26: 450.65 MHz, O.153 Test Pattern 4FSK Voice and Data Modulation Only, 7K60F1W Mask D

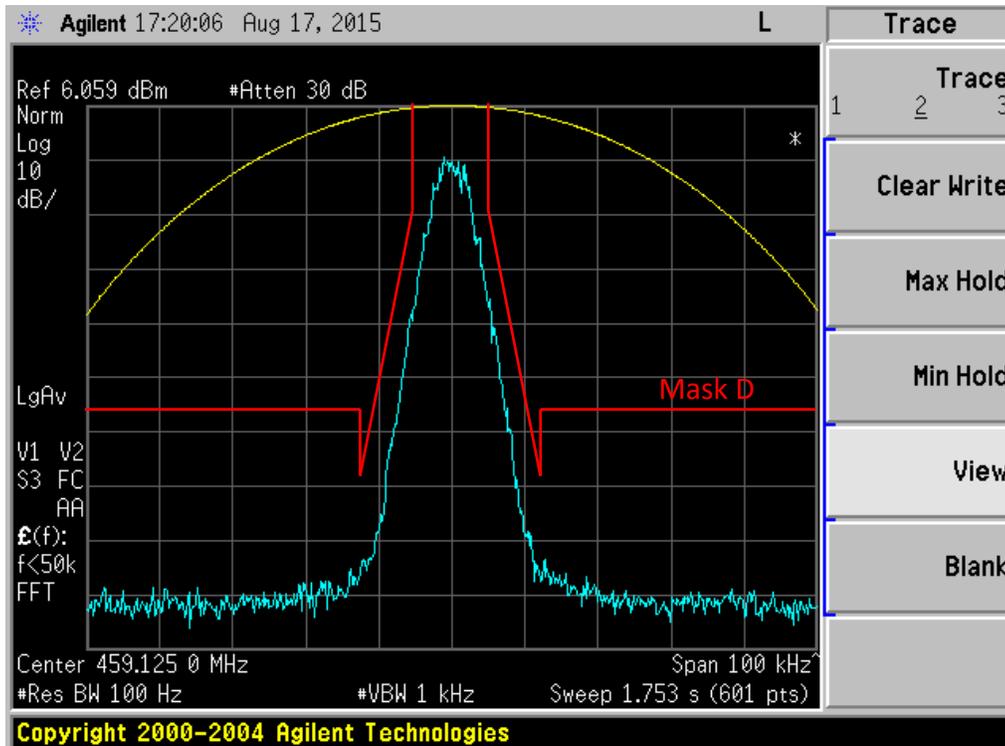


Figure 6E-27: 459.125 MHz, O.153 Test Pattern 4FSK Voice and Data Modulation Only, 7K60F1W Mask D

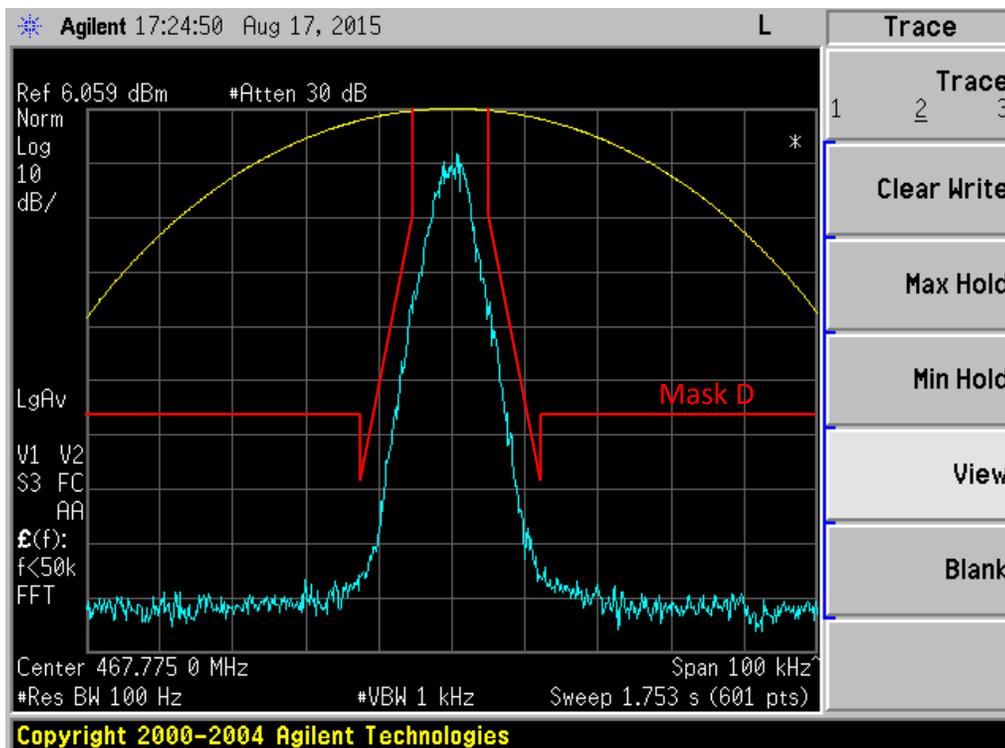


Figure 6E-28: 467.775 MHz, O.153 Test Pattern 4FSK Voice and Data Modulation Only, 7K60F1W Mask D

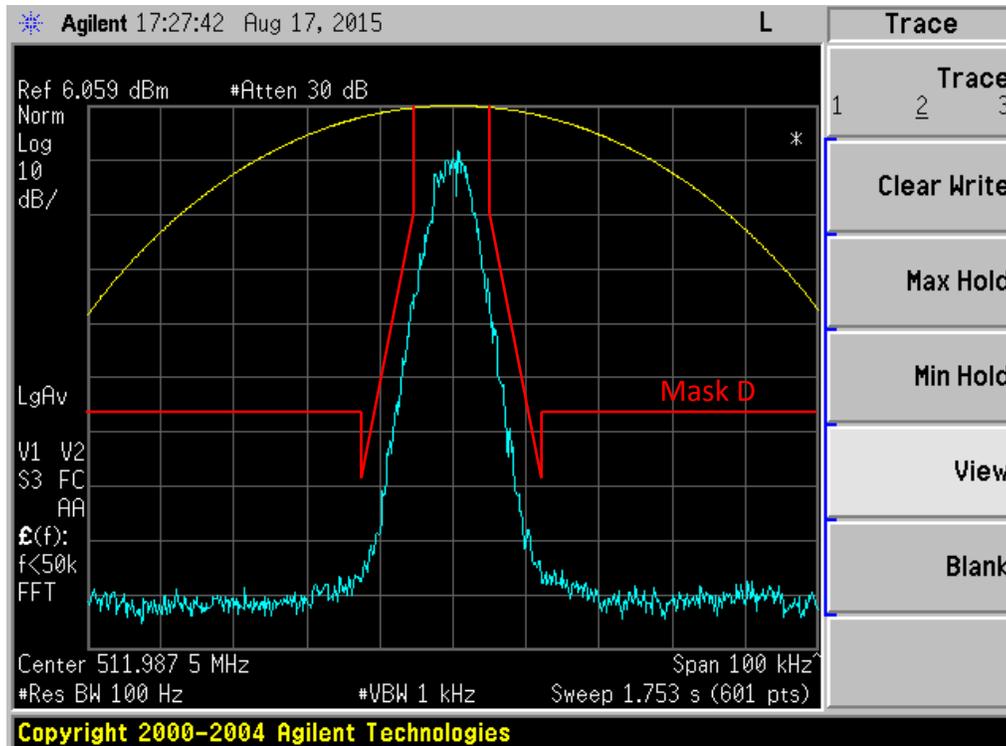


Figure 6E-29: 511.9875 MHz, O.153 Test Pattern 4FSK Voice and Data Modulation Only, 7K60F1W Mask D (Not applicable for IC)

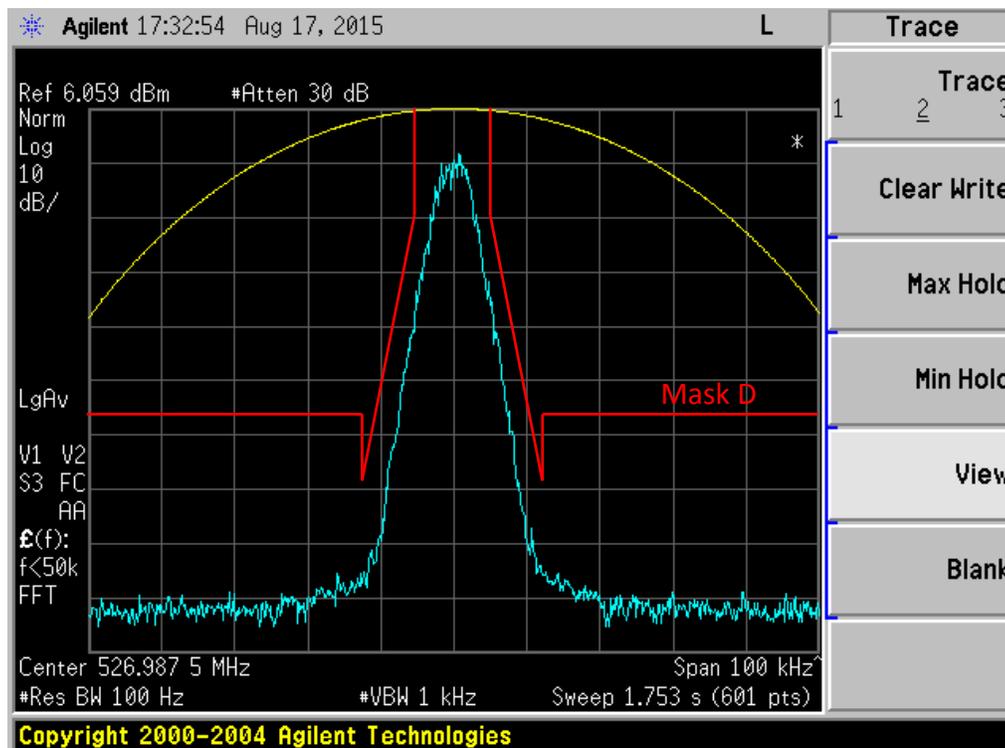


Figure 6E-30: 526.9875 MHz, O.153 Test Pattern 4FSK Voice and Data Modulation Only, 7K60F1W Mask D (Not applicable for FCC/IC)

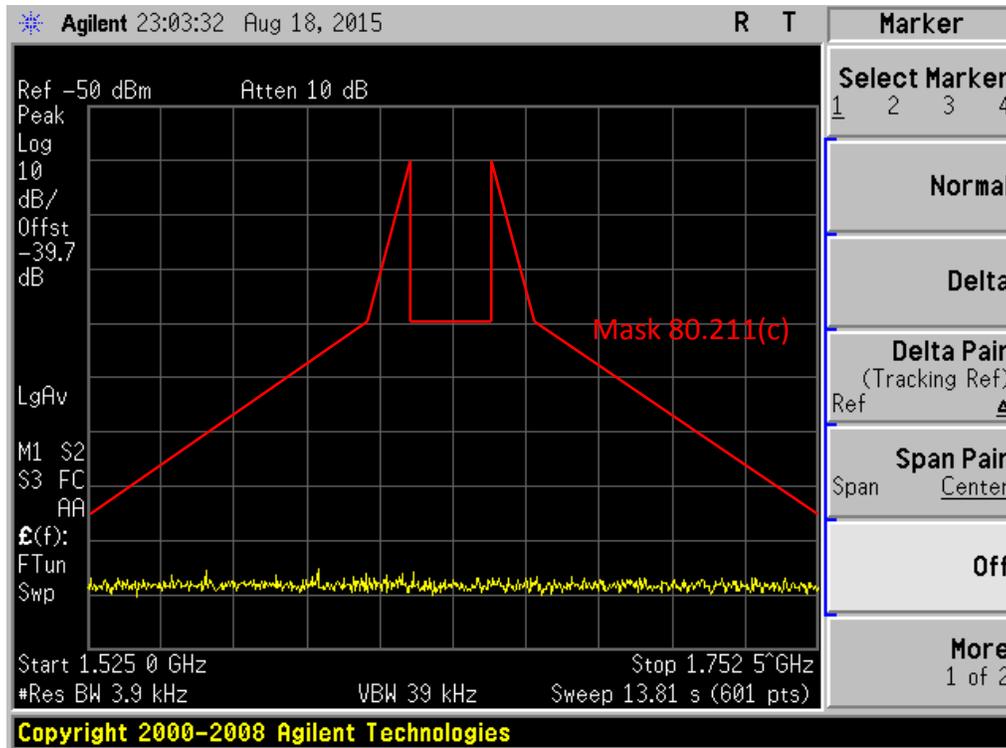


Figure 6E-31: 467.775 MHz, 25 kHz, 2500 Hz Audio Modulation Only, 16K0F3E Mask B, Mask 80.211(c)

**Note:** Transmit power normalized to 0dB. Measurement taken with 40Hz resolution bandwidth and data shown has been corrected by 20dB to correlate with ~4kHz resolution bandwidth.

### 99% Bandwidth Power

Spectrum Analyzer setting as below:  
 RBW = 150 Hz, VBW = 15 kHz, Span = 40 kHz

Description	Bandwidth Power (99%)
Carrier, 4FSK data, O.153 test pattern, 7K60F1D, 7K60F1E, 7K60F1W, 7K60FXD, 7K60FXE	7.307kHz
Carrier, 2500 Hz Audio only 12.5kHz channel, 11K0F3E	9.795kHz
Carrier, 2500 Hz Audio only 25kHz channel, 16K0F3E	14.9768kHz

**\*\*NOTE:-**

- For 4FSK Digital Modulation, 12.5kHz Data 7K60F1D & 7K60FXD would be the same. Therefore only measurements with 7K60F1D shown above.
- For 4FSK Digital Modulation, 12.5kHz Data 7K60F1E & 7K60FXE would be the same. Therefore only measurements with 7K60F1E 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 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
- All OBW plots were tested at max power

EXHIBIT 6F

### Transmitter Conducted Spurious Emissions

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

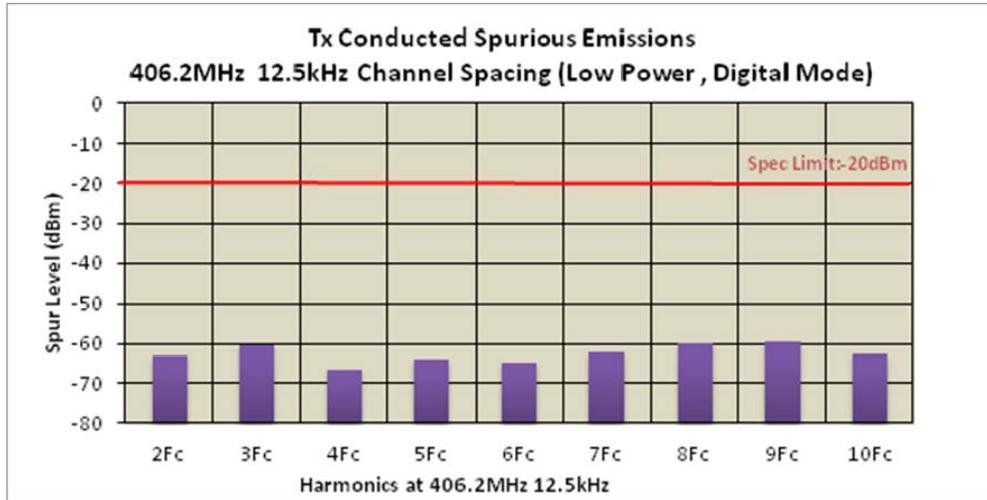


Figure 6F-1: 1W Harmonic of Carrier 406.2 MHz, 12.5 kHz Channel Spacing, Digital Mode

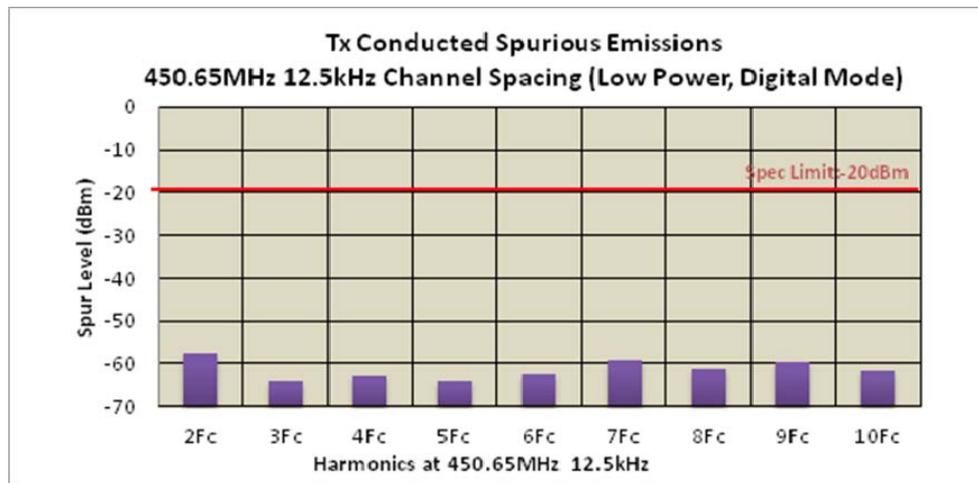


Figure 6F-2: 1W Harmonic of Carrier 450.65 MHz, 12.5 kHz Channel Spacing, Digital Mode

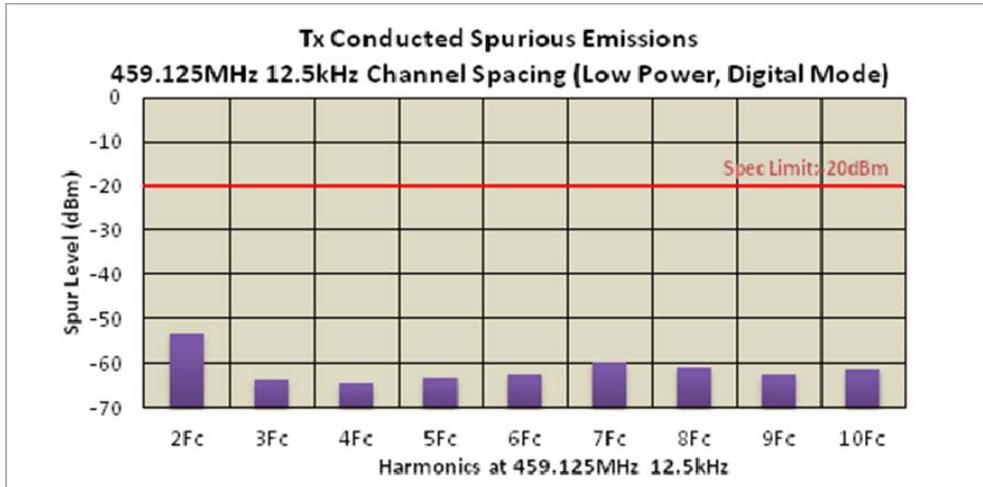


Figure 6F-3: 1W Harmonic of Carrier 459.125 MHz, 12.5 kHz Channel Spacing, Digital Mode

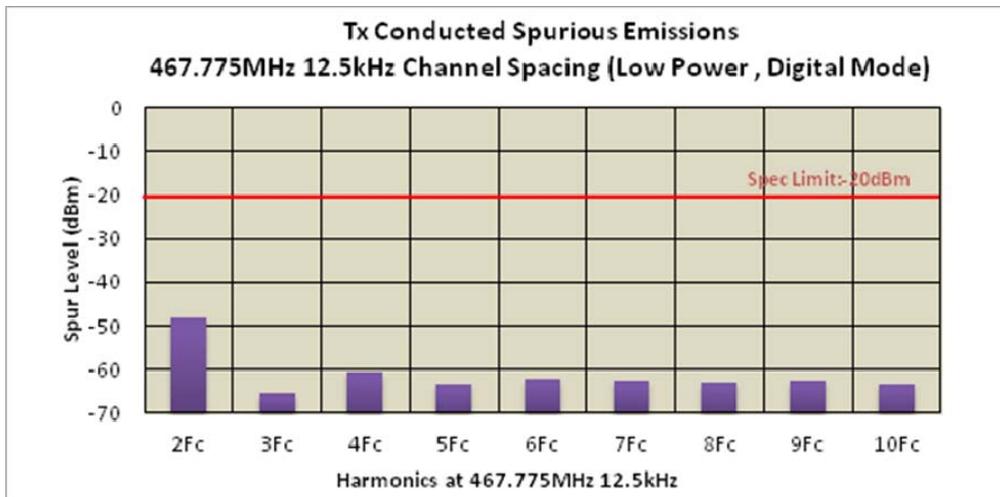


Figure 6F-4: 1W Harmonic of Carrier 467.775 MHz, 12.5 kHz Channel Spacing, Digital Mode

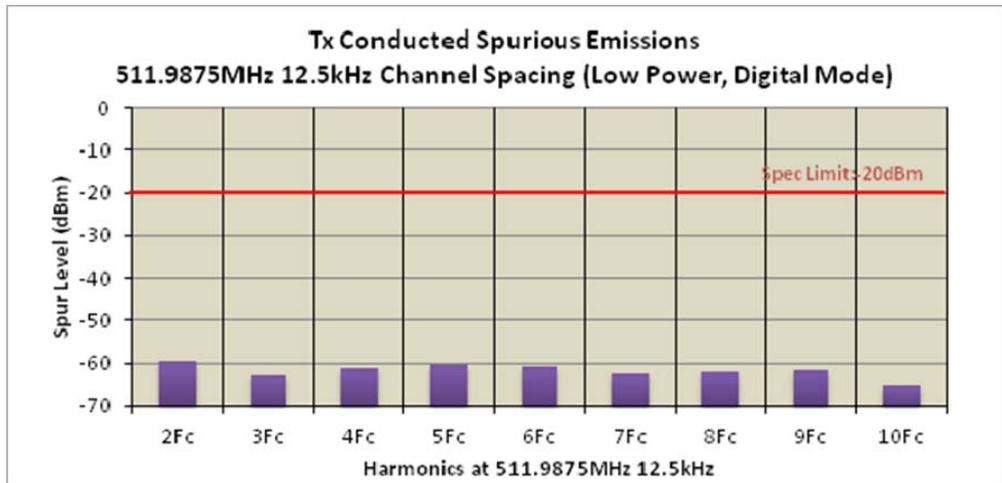


Figure 6F-5: 1W Harmonic of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing, Digital Mode (Not applicable for IC)

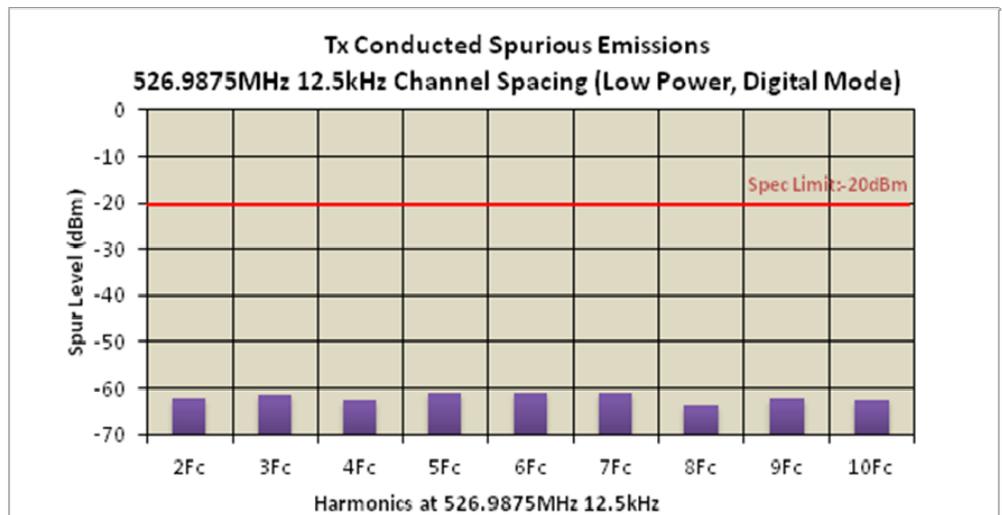


Figure 6F-6: 1W Harmonic of Carrier 526.9875 MHz, 12.5 kHz Channel Spacing, Digital Mode (Not applicable for FCC/IC)

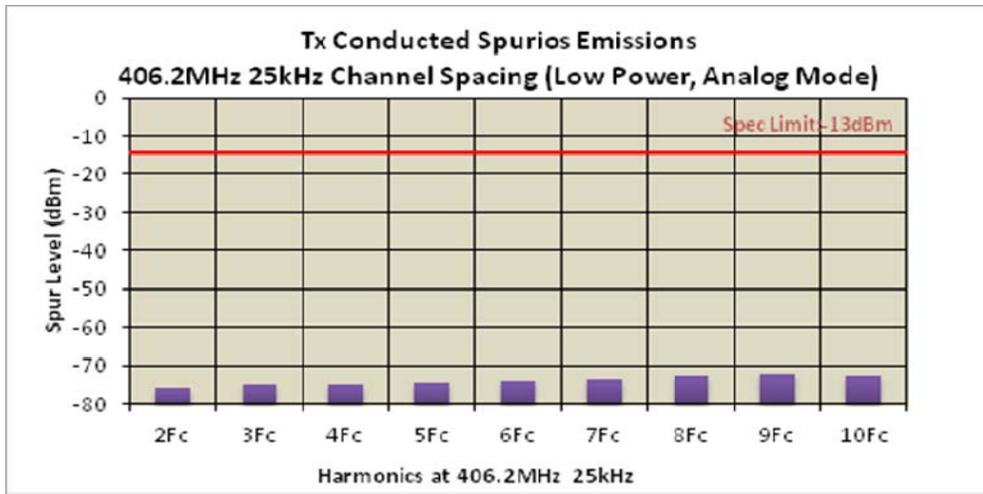


Figure 6F-7: 1W Harmonic of Carrier 406.2 MHz, 25 kHz Channel Spacing, Analog Mode (Not for FCC review)

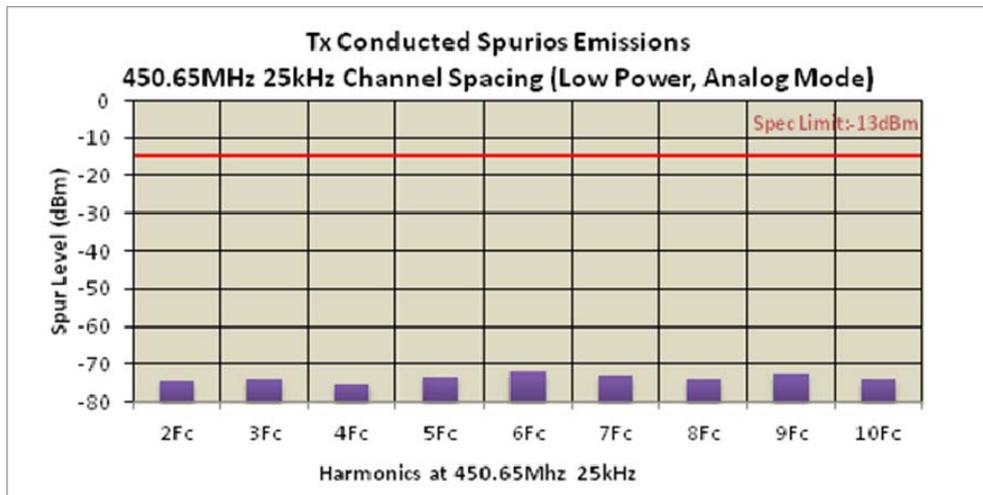


Figure 6F-8: 1W Harmonic of Carrier 450.65 MHz, 25 kHz Channel Spacing, Analog Mode

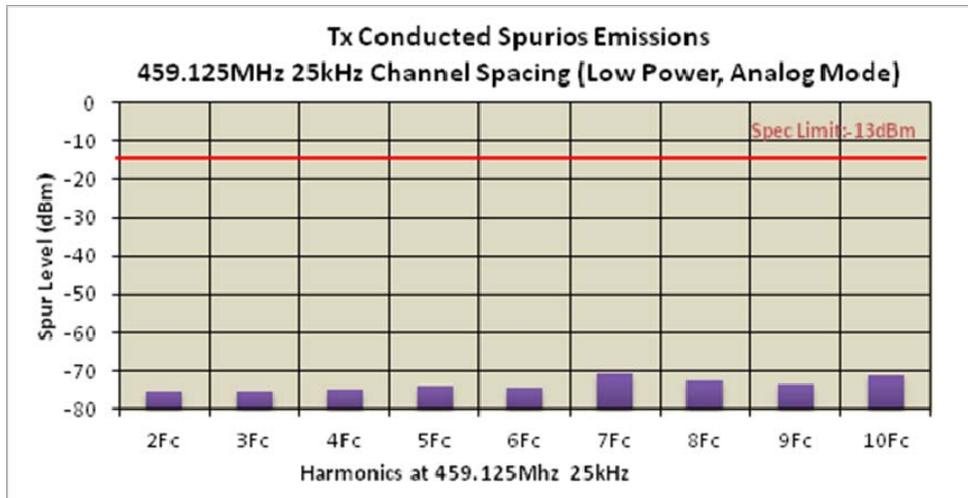


Figure 6F-9: 1W Harmonic of Carrier 459.125 MHz, 25 kHz Channel Spacing, Analog Mode

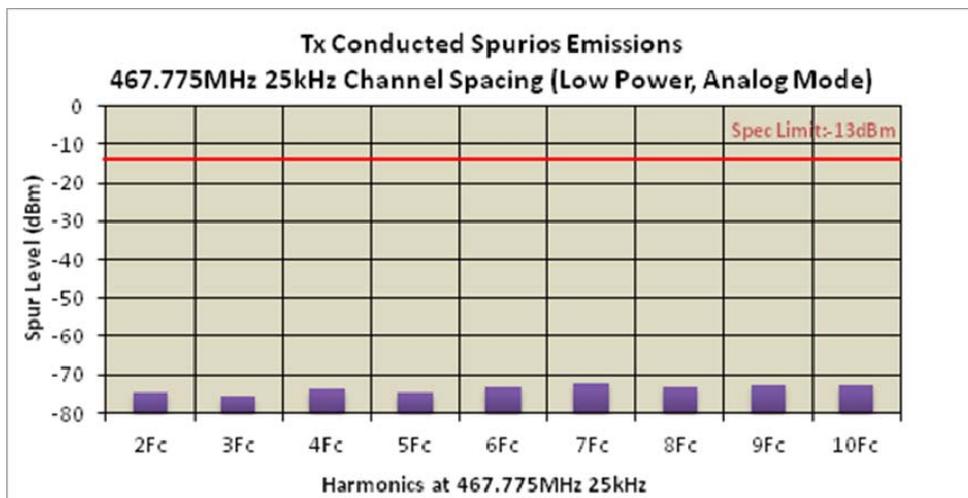


Figure 6F-10: 1W Harmonic of Carrier 467.775 MHz, 25 kHz Channel Spacing, Analog Mode

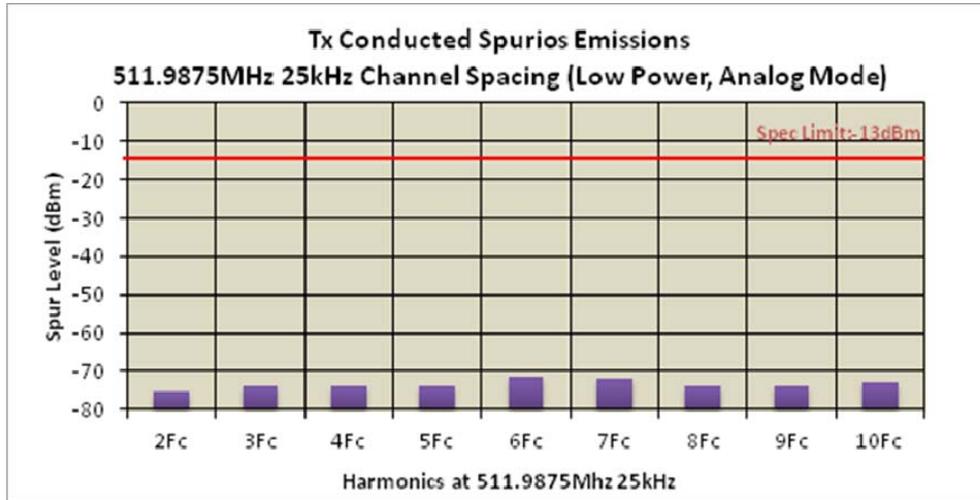


Figure 6F-11: 1W Harmonic of Carrier 511.9875 MHz, 25 kHz Channel Spacing, Analog Mode (Not applicable for IC)

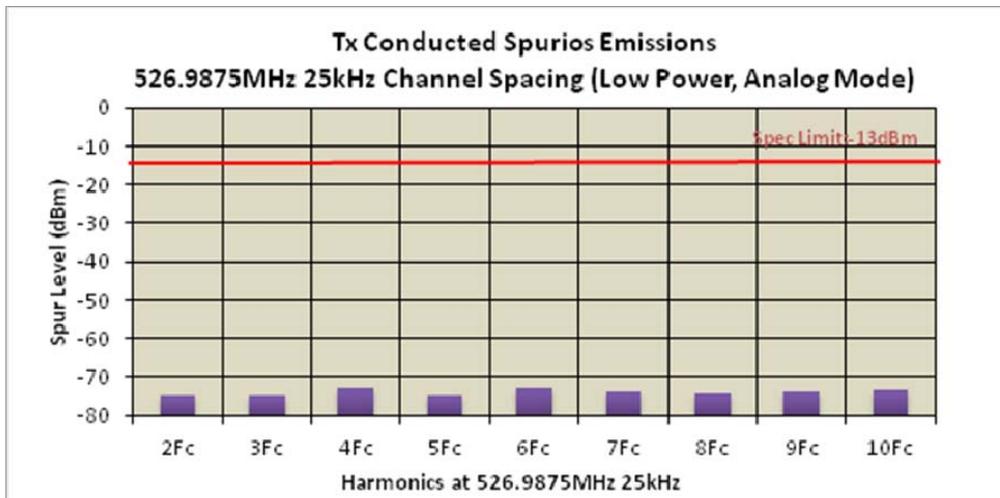


Figure 6F-12: 1W Harmonic of Carrier 526.9875 MHz, 25 kHz Channel Spacing, Analog Mode (Not applicable for FCC/IC)

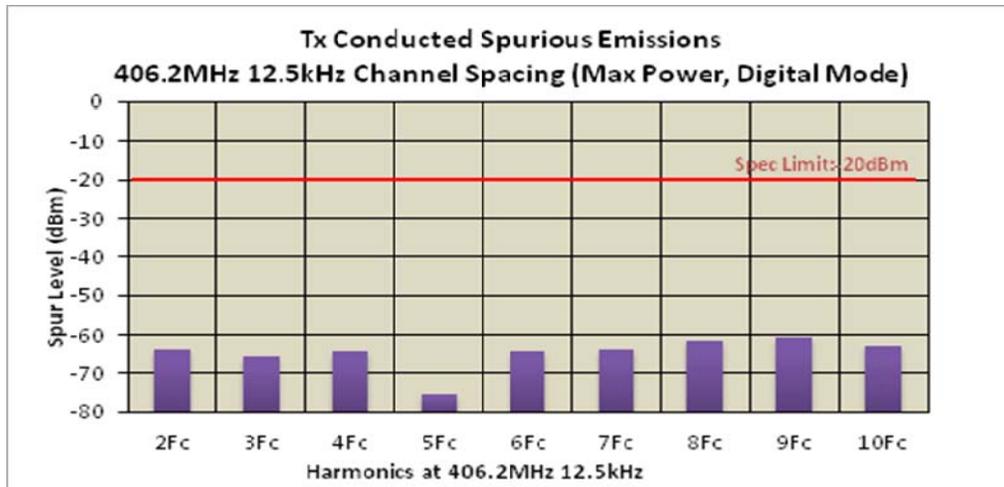


Figure 6F-13: 4.8W Harmonic of Carrier 406.2 MHz, 12.5 kHz Channel Spacing, Digital Mode

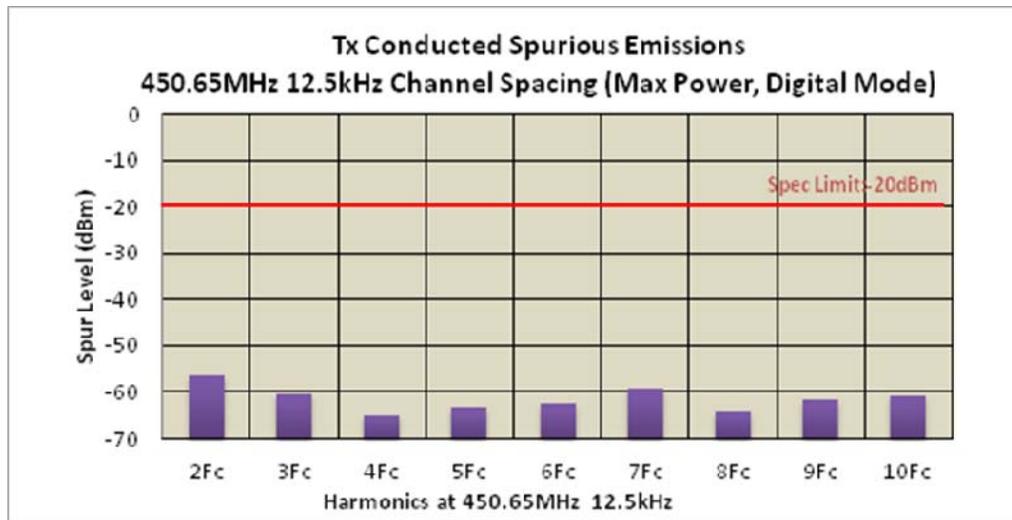


Figure 6F-14: 4.8W Harmonic of Carrier 450.65 MHz, 12.5 kHz Channel Spacing, Digital Mode

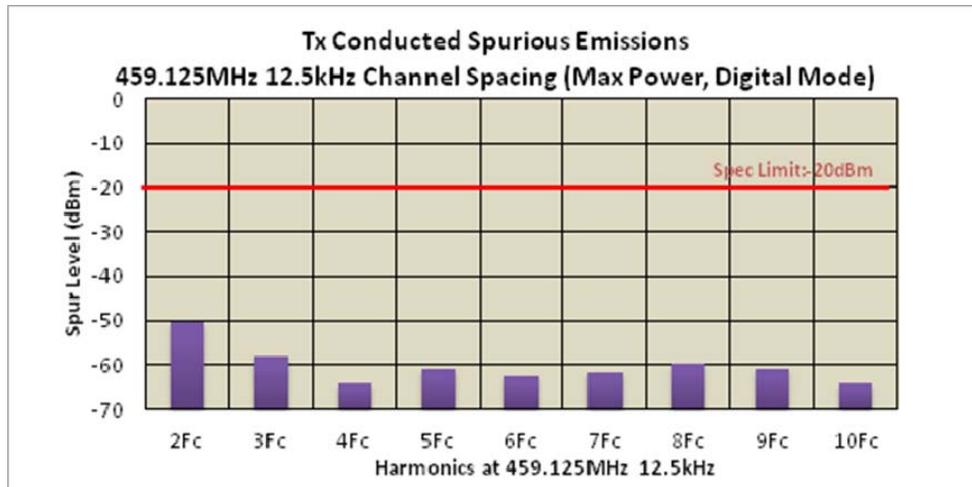


Figure 6F-15: 4.8W Harmonic of Carrier 459.125 MHz, 12.5 kHz Channel Spacing, Digital Mode

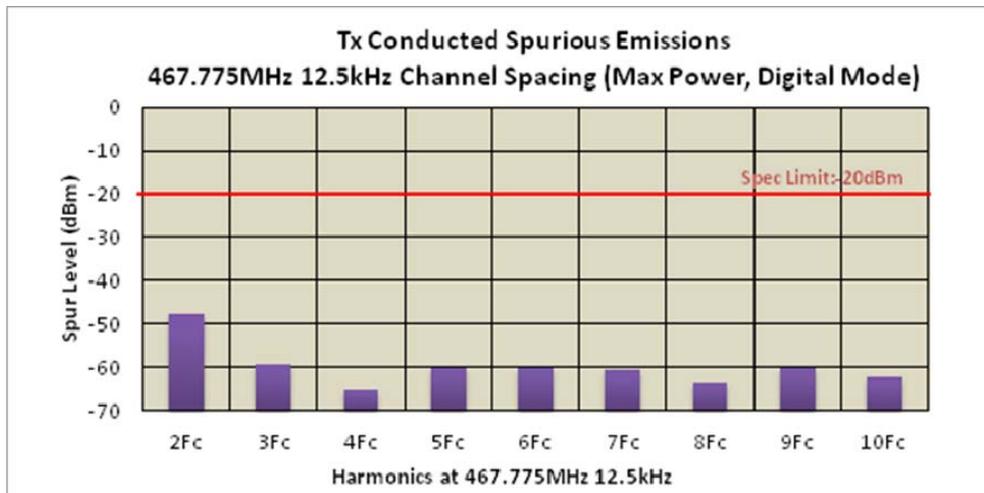


Figure 6F-16: 4.8W Harmonic of Carrier 467.775 MHz, 12.5 kHz Channel Spacing, Digital Mode

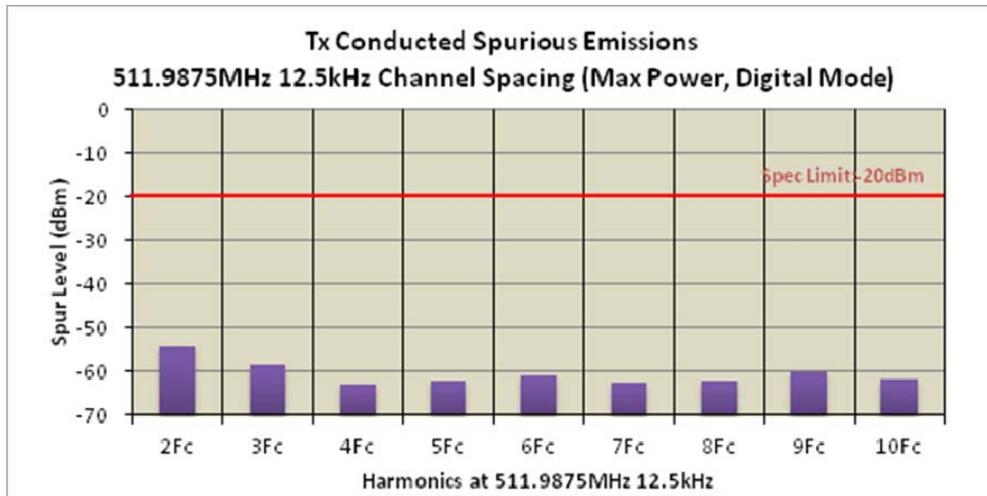


Figure 6F-17: 4.8W Harmonic of Carrier 511.9875 MHz, 12.5 kHz Channel Spacing, Digital Mode (Not applicable for IC)

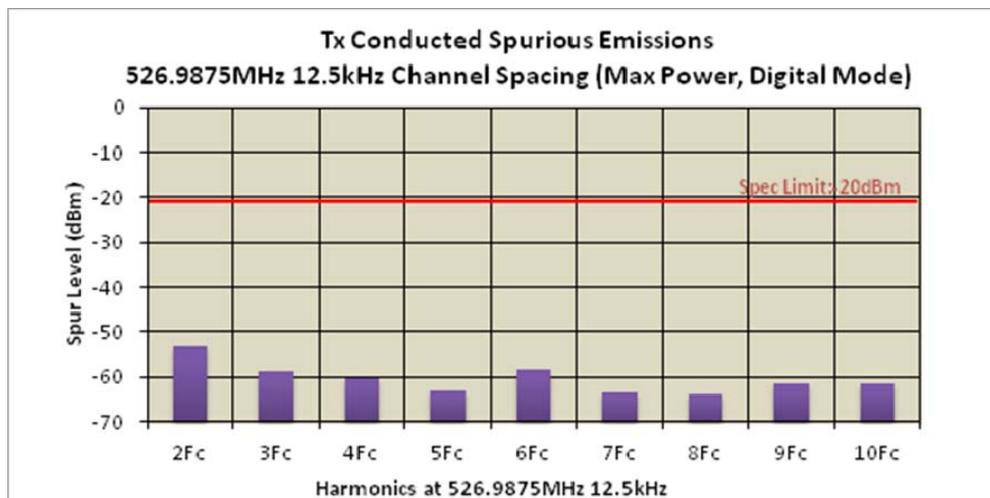


Figure 6F-18: 4.8W Harmonic of Carrier 526.9875 MHz, 12.5 kHz Channel Spacing, Digital Mode (Not applicable for FCC/IC)

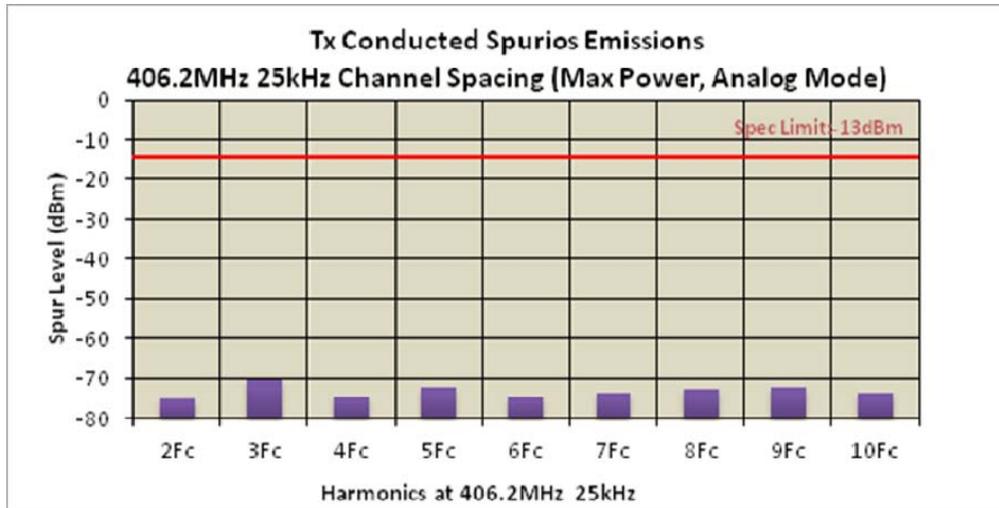


Figure 6F-19: 4.8W Harmonic of Carrier 406.2 MHz, 25 kHz Channel Spacing, Analog Mode (Not for FCC review)

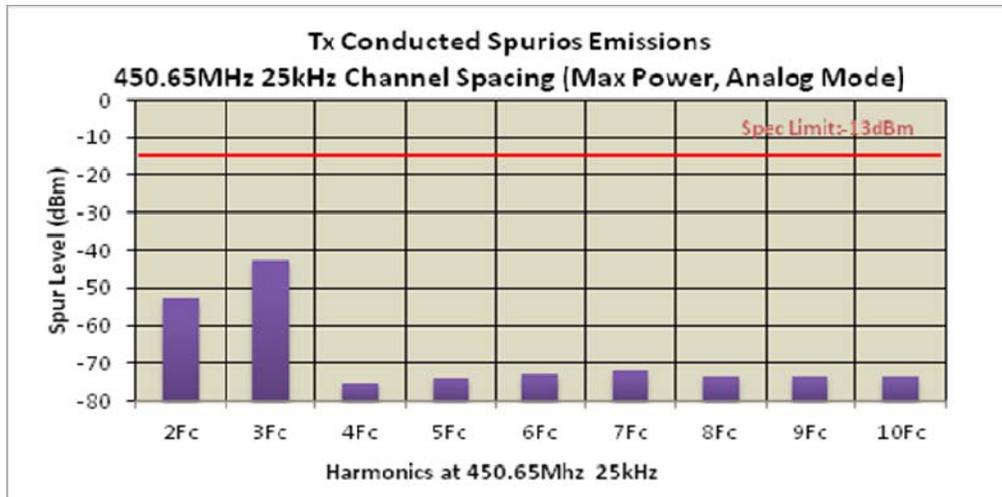


Figure 6F-20: 4.8W Harmonic of Carrier 450.65 MHz, 25 kHz Channel Spacing, Analog Mode

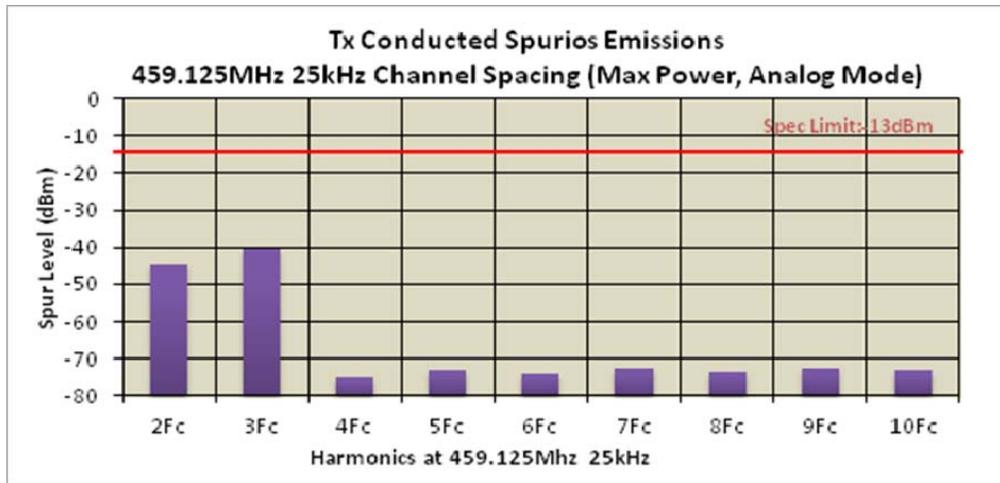


Figure 6F-21: 4.8W Harmonic of Carrier 459.125 MHz, 25 kHz Channel Spacing, Analog Mode

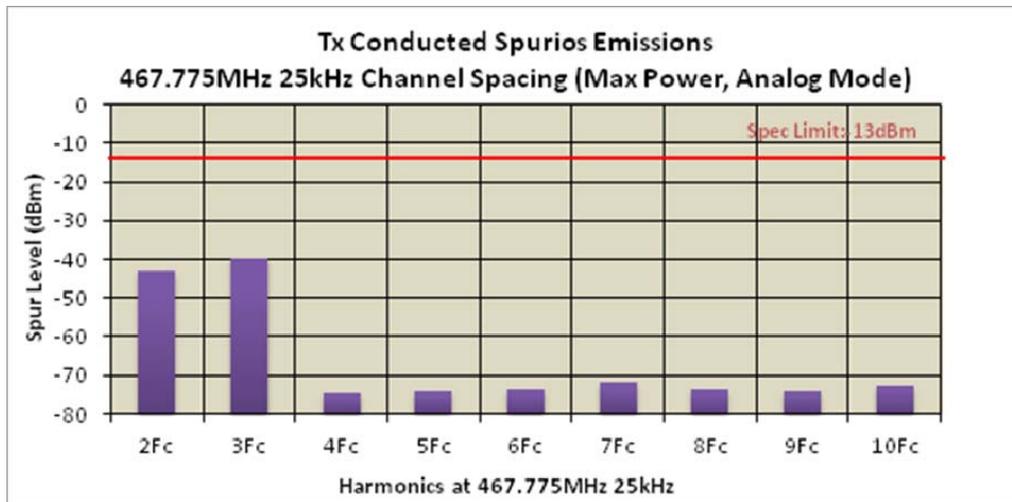


Figure 6F-22: 4.8W Harmonic of Carrier 467.775 MHz, 25 kHz Channel Spacing, Analog Mode

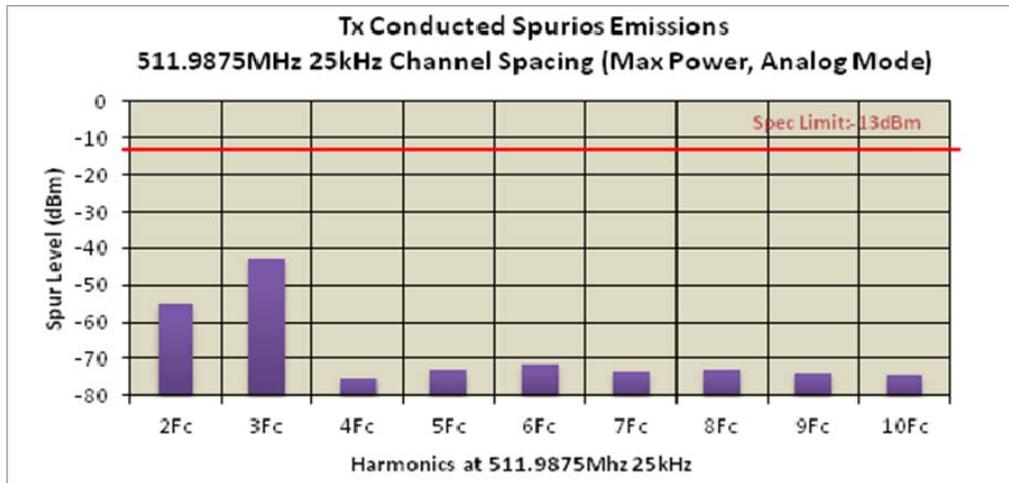


Figure 6F-23: 4.8W Harmonic of Carrier 511.9875 MHz, 25 kHz Channel Spacing, Analog Mode (Not applicable for IC)

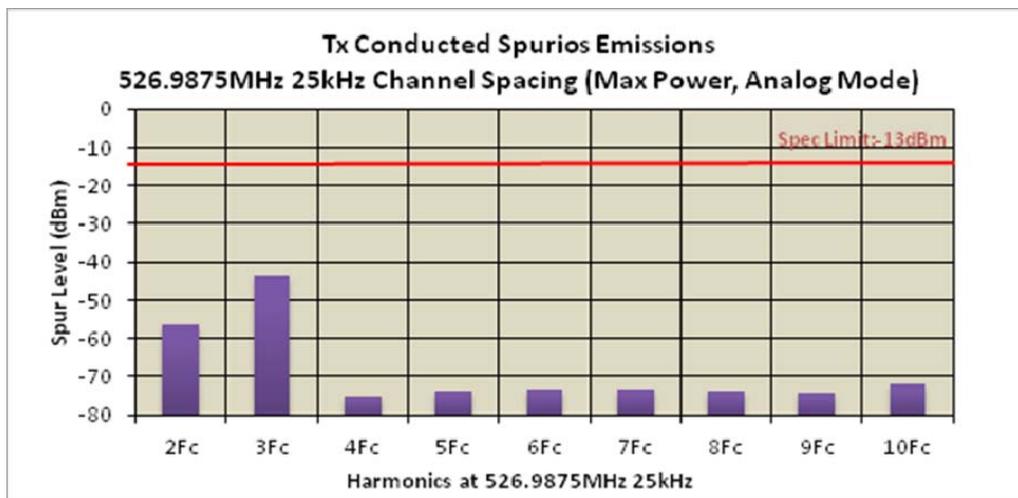


Figure 6F-24: 4.8W Harmonic of Carrier 526.9875 MHz, 25 kHz Channel Spacing, Analog Mode (Not applicable for FCC/IC)

**EXHIBIT 6G**

**Transmitter Radiated Spurious Emissions**

For the transmitter radiated spurious emissions data, please refer to external test lab report FT7065\_ex06b\_TUV, section "Radiated Transmitter Unwanted Emission Test", from Pg 10 onwards.

EXHIBIT 6H

Frequency Stability

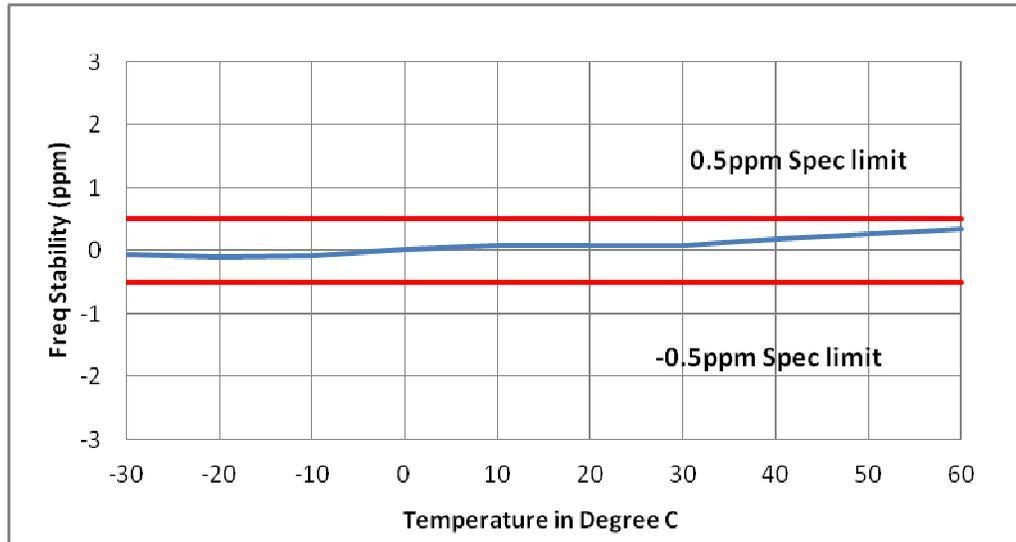


Figure 6H-1: 467.775 MHz, 0.5 ppm Frequency Stability vs. Temperature

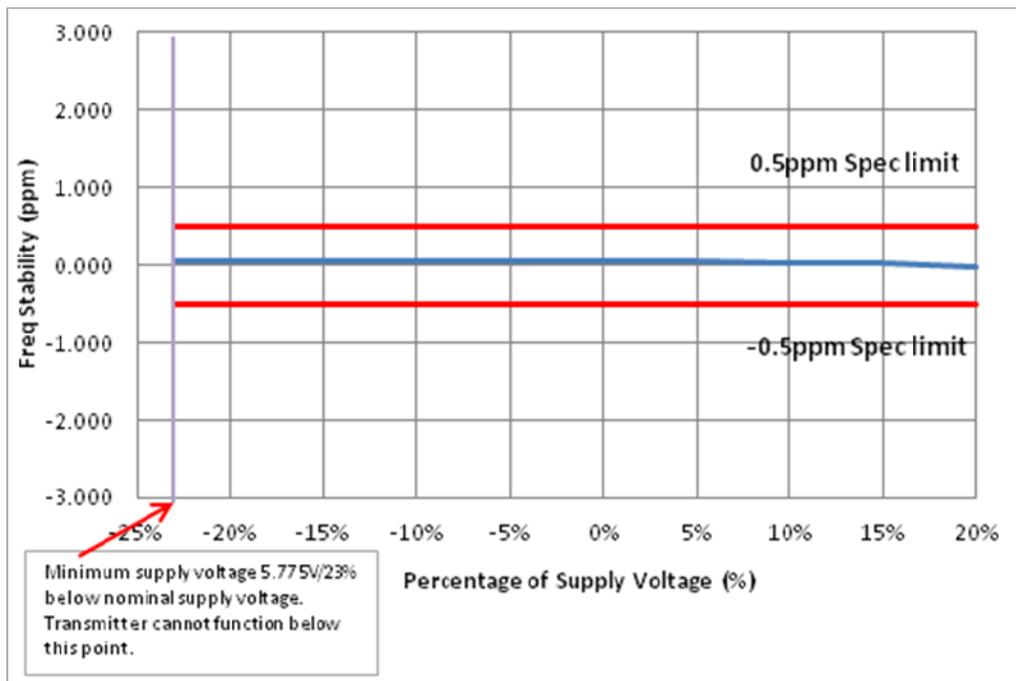


Figure 6H-2: 467.775 MHz, 0.5 ppm Frequency Stability vs. Supply Voltage

EXHIBIT 6I

TRANSIENT FREQUENCY BEHAVIOR

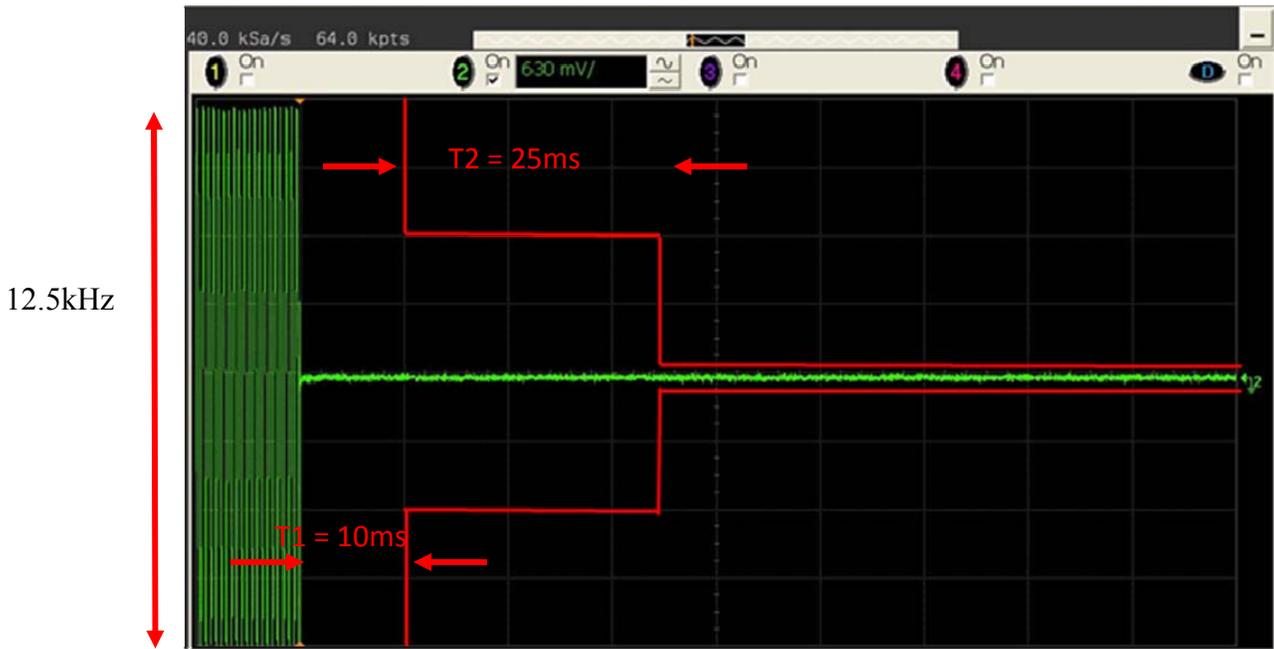


Figure 6I-1: TX 467.775 MHz - 12.5 kHz Channel Spacing - Transmitters On

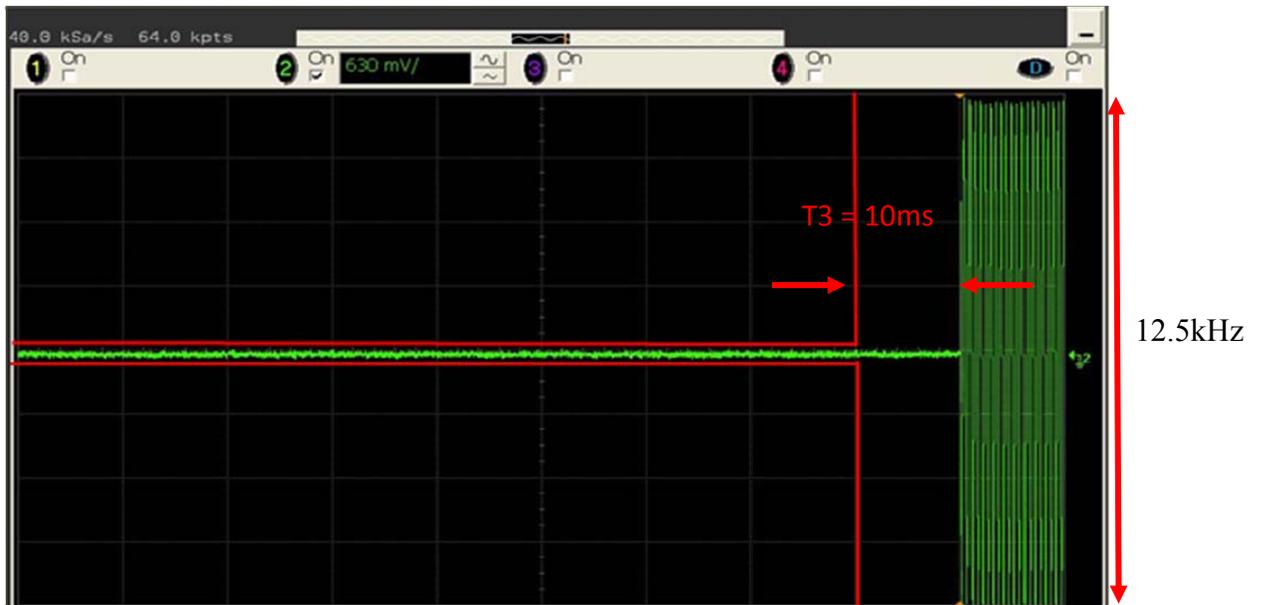


Figure 6I-2: TX 467.775 MHz - 12.5 kHz Channel Spacing - Transmitters Off

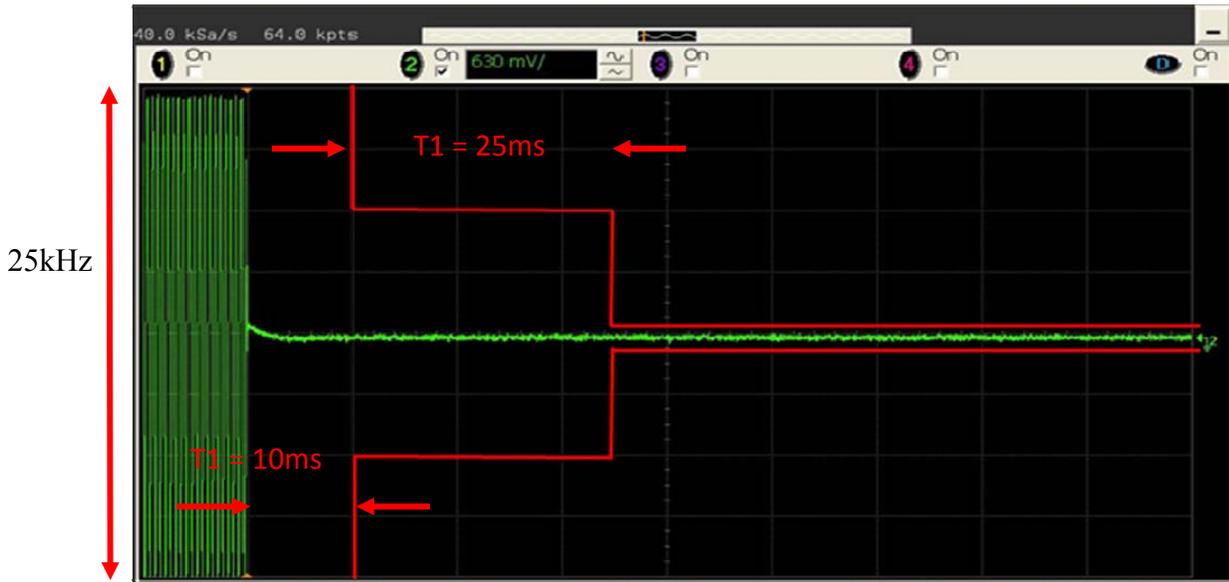


Figure 6I-3: TX 467.775 MHz – 25 kHz Channel Spacing – Transmitters On

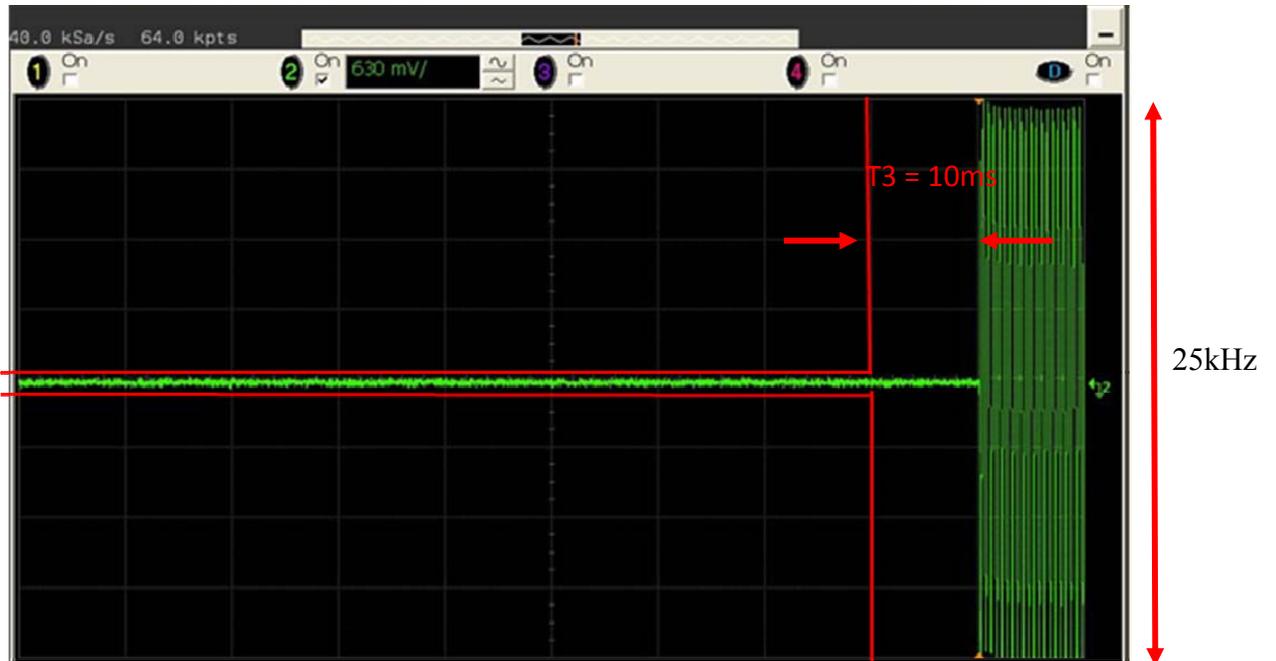


Figure 6I-4: TX 467.775 MHz – 25 kHz Channel Spacing – Transmitters Off