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: 12.5kHz Channel Spacing, 429.9875MHz, Transmit Audio Frequency Response
6B-2: 25kHz Channel Spacing, 429.9875MHz, Transmit Audio Frequency Response (Not for FCC review)

EXHIBIT 6C – Audio Low Pass Filter Response
6C-1: 12.5kHz Channel Spacing, 429.9875MHz, Transmit Audio Low Pass Filter Response
6C-2: 25kHz Channel Spacing, 429.9875MHz, Transmit Audio Low Pass Filter Response (Not for FCC review)

EXHIBIT 6D – Modulation Limiting
6D-1: 12.5kHz Channel Spacing, 429.9875MHz, Modulation Limiting
6D-2: 25kHz Channel Spacing, 429.9875MHz, Modulation Limiting (Not for FCC review)

EXHIBIT 6E – Occupied Bandwidth
6E-1: 429.9875MHz, 12.5kHz, 2500Hz Audio Modulation Only, 11K0F3E Mask D
6E-2: 429.9875MHz, 25kHz, 2500Hz Audio Modulation Only, 16K0F3E Mask B (Not for FCC review)
6E-3: 429.9875MHz, 12.5kHz, 2500Hz Audio and PL Tone Modulation, 11K0F3E Mask D
6E-4: 429.9875MHz, 12.5kHz, 2500Hz Audio and DPL Tone Modulation, 11K0F3E Mask D
6E-5: 429.9875MHz, 25kHz, 2500Hz Audio and PL Tone Modulation, 16K0F3E Mask B (Not for FCC review)
6E-6: 429.9875MHz, 25kHz, 2500Hz Audio and DPL Tone Modulation, 16K0F3E Mask B (Not for FCC review)
6E-7: 429.9875MHz, O.153 Test Pattern 4FSK Voice (F2 Silent) Modulation, 7K60FXE Mask D
6E-8: 429.9875MHz, O.153 Test Pattern 4FSK Data (F2 BER) Modulation, 7K60FXD Mask D
6E-9: 429.9875MHz, O.153 Test Pattern 4FSK Data and Voice Modulation, 7K60F1W Mask D
6E-10: 459.6500MHz, 25kHz, 2500Hz Audio Modulation Only, 16K0F3E (Part 22)

EXHIBIT 6F – Transmit Radiated Spurious Emissions
6F-1: 3.3W, 403.0125MHz, 12.5kHz Channel Spacing (Not for FCC review)
6F-2: 3.3W, 406.1125MHz, 12.5kHz Channel Spacing
6F-3: 3.3W, 429.9875MHz, 12.5kHz Channel Spacing
6F-4: 3.3W, 469.9875MHz, 12.5kHz Channel Spacing
6F-5: 3.3W, 403.0125MHz, 25kHz Channel Spacing (Not for FCC review)
6F-6: 3.3W, 406.1125MHz, 25kHz Channel Spacing (Not for FCC review)
6F-7: 3.3W, 429.9875MHz, 25kHz Channel Spacing (Not for FCC review)
6F-8: 3.3W, 459.6500MHz, 25kHz Channel Spacing (Part 22)
6F-9: 3.3W, 469.9875MHz, 25kHz Channel Spacing (Not for FCC review)

EXHIBIT 6G – Transmit Conducted Spurious Emissions
6G-1: 3.3W Harmonic of Carrier 403.0125MHz, 12.5kHz Channel Spacing (Not for FCC review)
6G-2: 3.3W Harmonic of Carrier 406.1125MHz, 12.5kHz Channel Spacing
6G-3: 3.3W Harmonic of Carrier 429.9875MHz, 12.5kHz Channel Spacing
6G-4: 3.3W Harmonic of Carrier 469.9875MHz, 12.5kHz Channel Spacing
6G-5: 3.3W Harmonic of Carrier 403.0125MHz, 25kHz Channel Spacing (Not for FCC review)
6G-6: 3.3W Harmonic of Carrier 406.1125MHz, 25kHz Channel Spacing (Not for FCC review)
6G-7: 3.3W Harmonic of Carrier 429.9875MHz, 25kHz Channel Spacing (Not for FCC review)
6G-8: 3.3W Harmonic of Carrier 459.6500MHz, 25kHz Channel Spacing (Part 22)

6G-9: 3.3W Harmonic of Carrier 469.9875MHz, 25kHz Channel Spacing (Not for FCC review)

EXHIBIT 6H - Frequency Stability

6H-1 – 429.9875MHz, 0.5 ppm Frequency Stability vs. Temperature
6H-2 – 429.9875MHz, 0.5 ppm Frequency Stability vs. Voltage
6H-3 – 459.6500MHz, 0.5 ppm Frequency Stability vs. Temperature (Part 22)
6H-4 – 459.6500MHz, 0.5 ppm Frequency Stability vs. Voltage (Part 22)

EXHIBIT 6I – Transient Frequency Behavior

6I-1 – 429.9875MHz, 12.5kHz Channel Spacing – Transmitter On
6I-2 – 429.9875MHz, 12.5kHz Channel Spacing – Transmitter Off
6I-3 – 429.9875MHz, 25kHz Channel Spacing – Transmitter On (Not for FCC review)
6I-4 – 429.9875MHz, 25kHz 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 August 2014. See Table 2 in Ex07_test procedures**

Radio model tested: AAH88QCP9JA2AN

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

EXHIBIT 6A

RF Output Power:

Frequency = 403.0125MHz:

Output RF power	3.28 Watts
DC Voltage	3.70 Volts
DC Current	2.24 Amps
Output RF power	1.15 Watts
DC Voltage	3.70 Volts
DC Current	1.20 Amps

Frequency= 406.1125MHz:

Output RF power	3.29 Watts
DC Voltage	3.70 Volts
DC Current	2.24 Amps
Output RF power	1.17 Watts
DC Voltage	3.70 Volts
DC Current	1.20 Amps

Frequency= 429.9875MHz:

Output RF power	3.28 Watts
DC Voltage	3.70 Volts
DC Current	2.27 Amps
Output RF power	1.13 Watts
DC Voltage	3.70 Volts
DC Current	1.18 Amps

Frequency= 459.6500MHz:

Output RF power	3.29 Watts
DC Voltage	3.70 Volts
DC Current	2.25 Amps
Output RF power	1.16 Watts
DC Voltage	3.70 Volts
DC Current	1.20 Amps

Frequency = 469.9875MHz:

Output RF power	3.30 Watts
DC Voltage	3.70 Volts
DC Current	2.36 Amps
Output RF power	1.13 Watts
DC Voltage	3.70 Volts
DC Current	1.17 Amps

EXHIBIT 6B

Audio Frequency Response

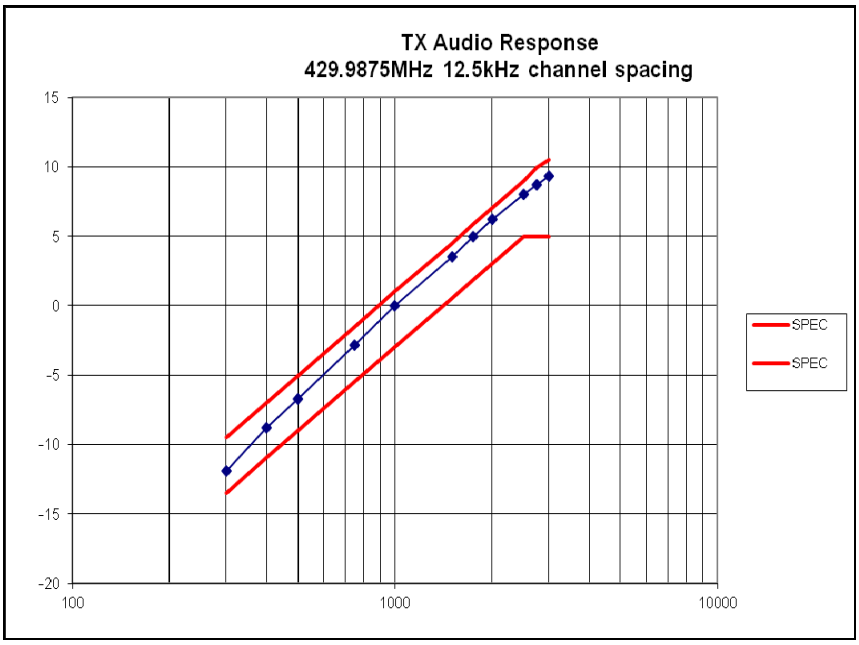


Figure 6B-1: 12.5kHz Channel Spacing, 429.9875MHz, Transmit Audio Frequency Response

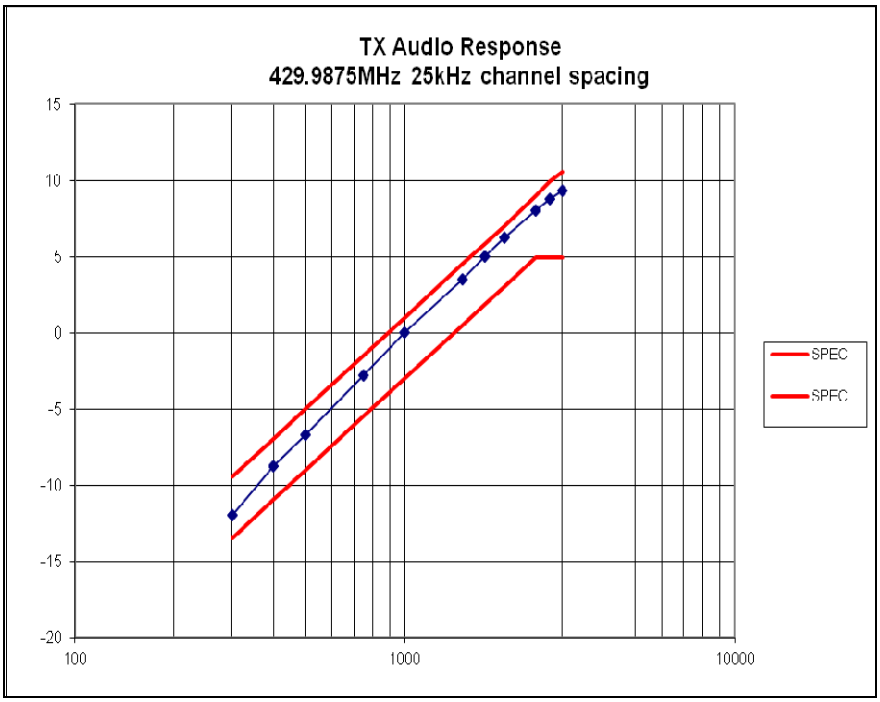


Figure 6B-2: 25kHz Channel Spacing, 429.9875MHz, Transmit Audio Frequency Response (Not for FCC review)

EXHIBIT 6C

Audio Low Pass Filter Response

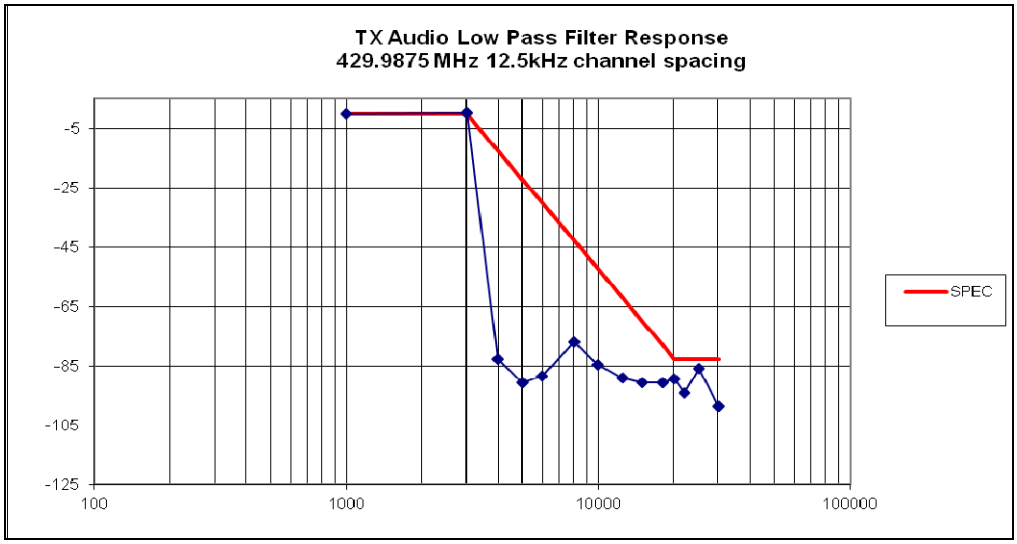


Figure 6C-1: 12.5kHz Channel Spacing, 429.9875MHz, Transmit Audio Low Pass Filter Response

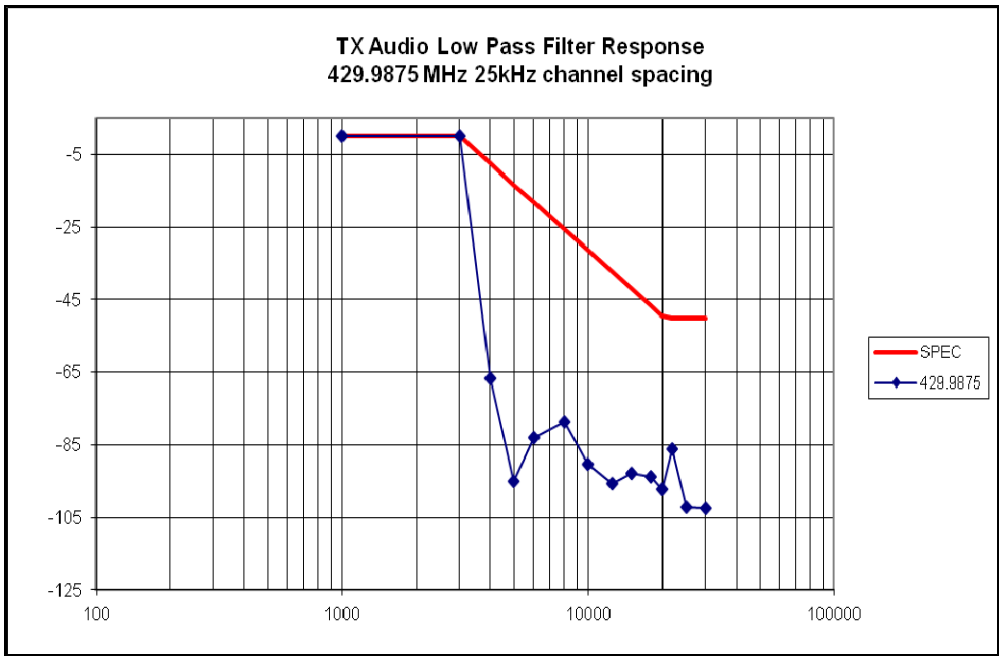


Figure 6C-2: 25kHz Channel Spacing, 429.9875MHz, Transmit Audio Low Pass Filter Response (Not for FCC review)

EXHIBIT 6D

Modulation Limiting

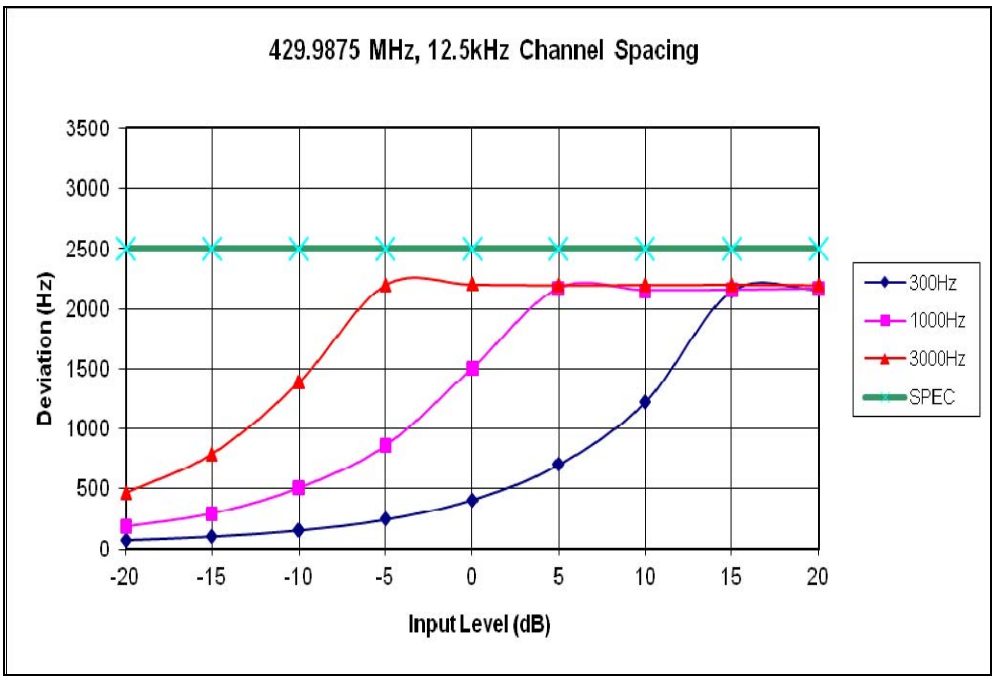


Figure 6D-1: 12.5kHz Channel Spacing, 429.9875MHz, Modulation Limiting

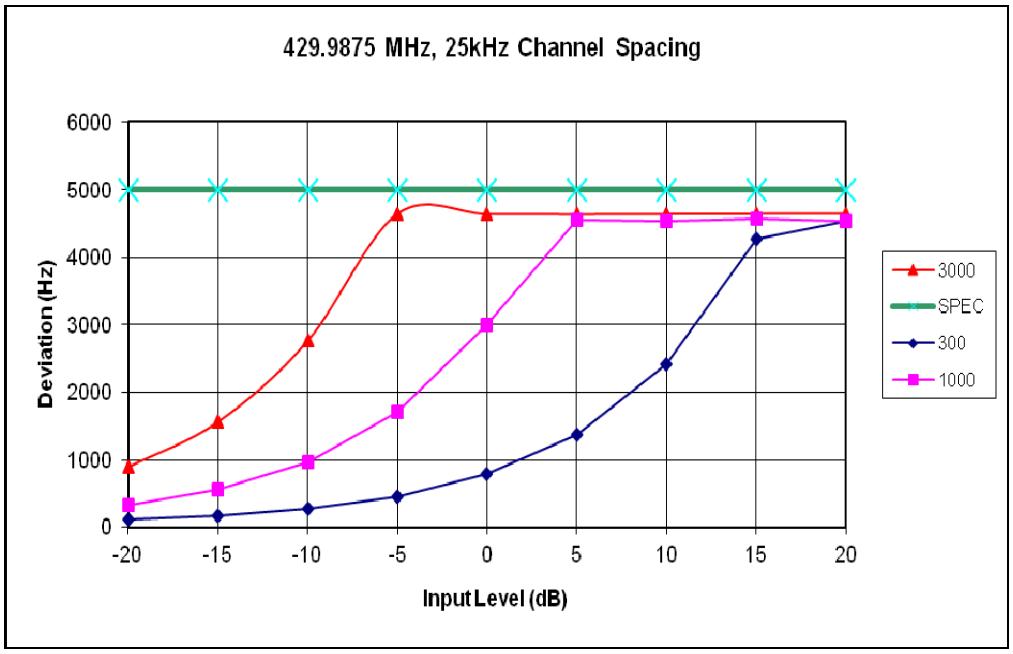


Figure 6D-2: 25kHz Channel Spacing, 429.9875MHz, Modulation Limiting (Not for FCC review)

EXHIBIT 6E

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: ABZ99FT4094

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*(3.0kHz + 5.0kHz) = 16kHz (**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 (12.5kHz 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 3.0kHz with a 2.5kHz deviation.

BW = 2(M+D) = 2*(3.0kHz + 2.5kHz) = 11kHz (**11K0** designator)

Per CFR Title 47, Part 2, Section 2.201:

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

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

4 Level FSK Digital Modulation Techniques

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

$$D = 3h / 2T$$

where:

h is the deviation index defined for the modulation

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

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

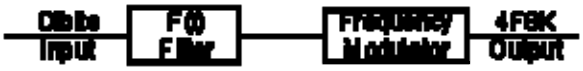
Information Bits		Symbol	4FSK Deviation
Bit 1	Bit 0		
0	1	+3	+1.944kHz
0	0	+1	+0.648kHz
1	0	-1	-0.648kHz
1	1	-3	-1.944kHz

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

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

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



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

Measurement's per Rule Part 2.202(c)(4) where employed because Part 2.202(g) Table III A formulation produces an excessive result using the value of K recommended in the Table. Therefore, the 99% energy rule (Title 47 CFR 2.989) was used for digital mode and is more accurate than Carson's rule. It states that 99% of the modulation energy falls within X kHz, which in this case is 7.6kHz (**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 (12.5kHz 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 7.6kHz (**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 (12.5kHz 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 (12.5kHz 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 7.6kHz (**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**.

Conducted Antenna Occupied Bandwidth

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

Description	Bandwidth Power (99%)
Carrier with 4FSK data, O.153 test pattern: 7K60F1D, 7K60F1E, 7K60F1W, 7K60FXD, 7K60FXE	7.35kHz
Carrier with 2500 Hz Audio only 12.5kHz channel: 11K0F3E	9.864kHz
Carrier with 2500 Hz Audio, Private Line (PL) 12.5kHz channel: 11K0F3E	6.4020kHz
Carrier with 2500 Hz Audio, Digital Private Line (DPL) 12.5kHz channel: 11K0F3E	7.7818kHz
Carrier with 2500 Hz Audio only 25kHz channel: 16K0F3E	14.9914kHz
Carrier with 2500 Hz Audio, Private Line (PL) 25kHz channel: 16K0F3E	11.9034kHz
Carrier with 2500 Hz Audio, Digital Private Line (PL) 25kHz channel: 16K0F3E	11.7868kHz

EXHIBIT 6E

Occupied Bandwidth Data

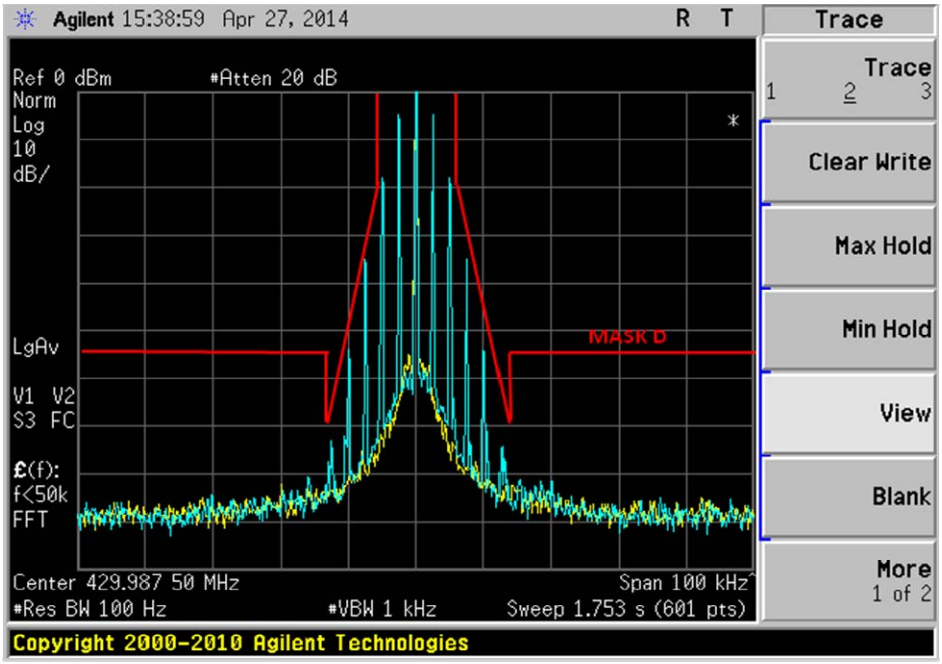


Figure 6E-1: 429.9875MHz, 12.5kHz Channel Spacing, 2500Hz Audio Modulation only, **11K0F3E Mask D**

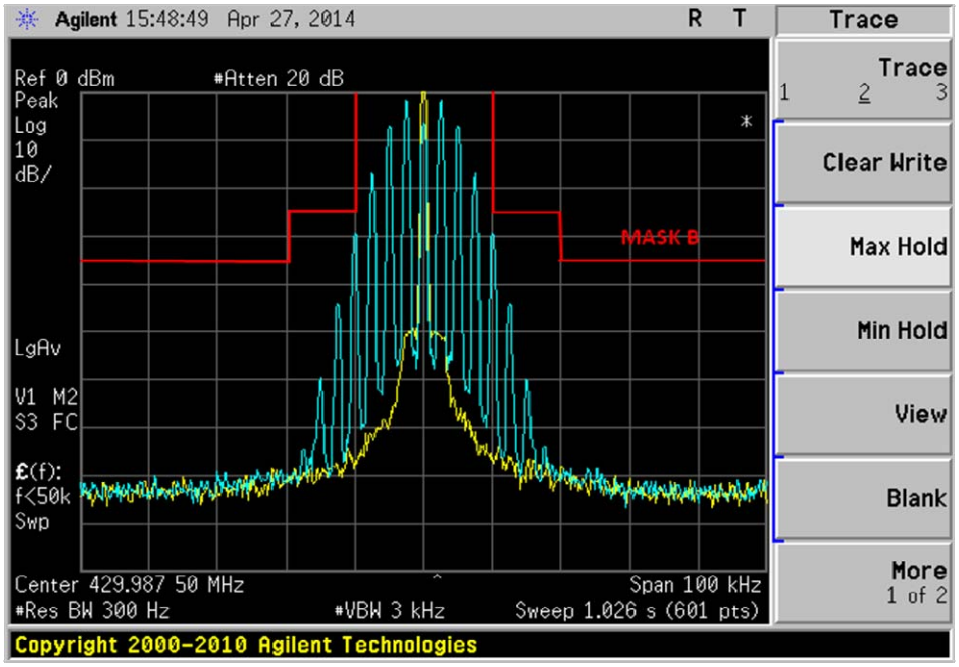


Figure 6E-2: 429.9875MHz, 25kHz Channel Spacing, 2500Hz Audio Modulation Only, **16K0F3E Mask B (Not for FCC review)**

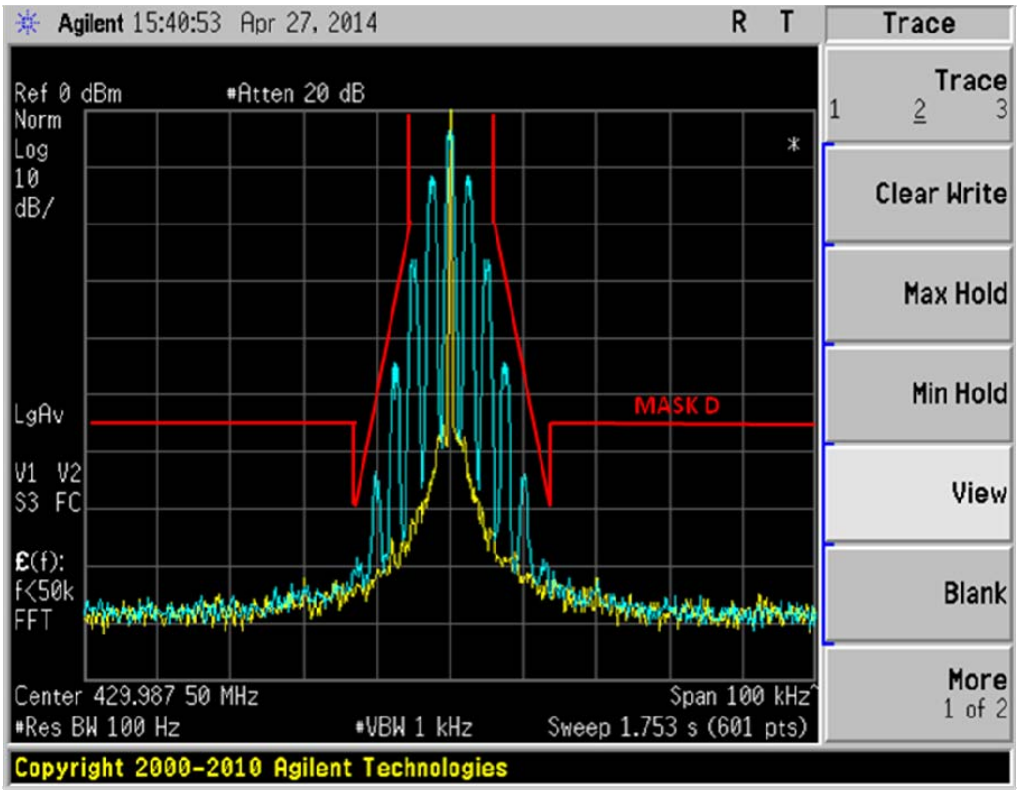


Figure 6E-3: 429.9875MHz, 12.5kHz Channel Spacing, 2500Hz Audio and PL Tone Modulation, **11K0F3E Mask D**

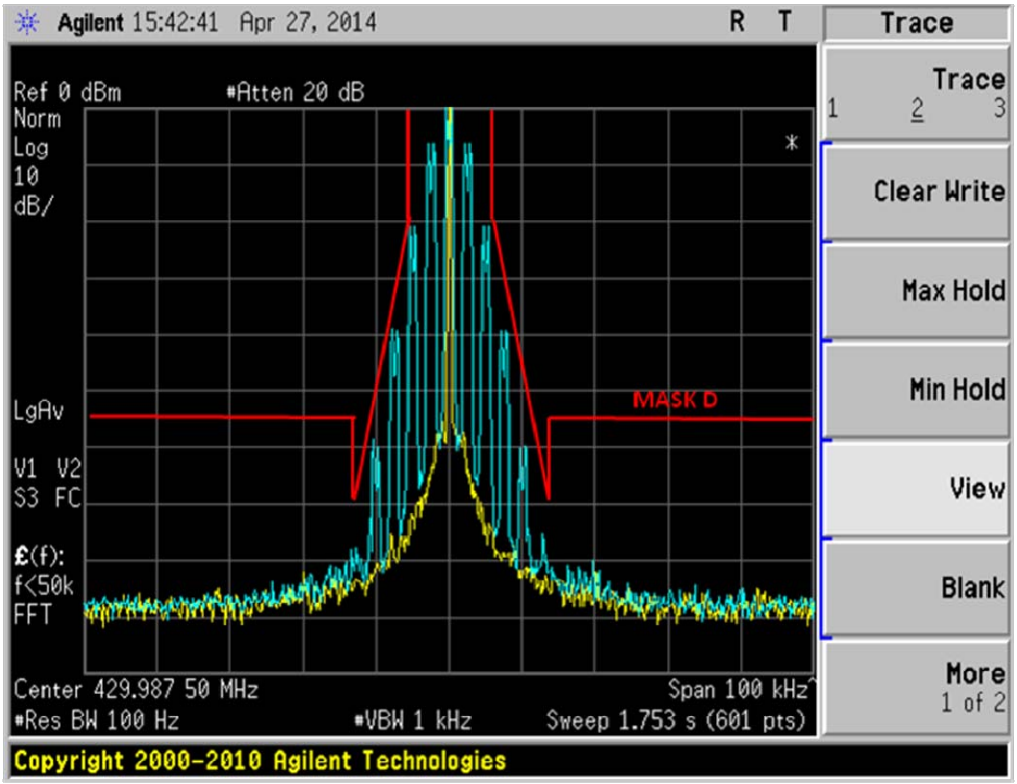


Figure 6E-4: 429.9875MHz, 12.5kHz Channel Spacing, 2500Hz Audio and DPL Tone Modulation, **11K0F3E Mask D**

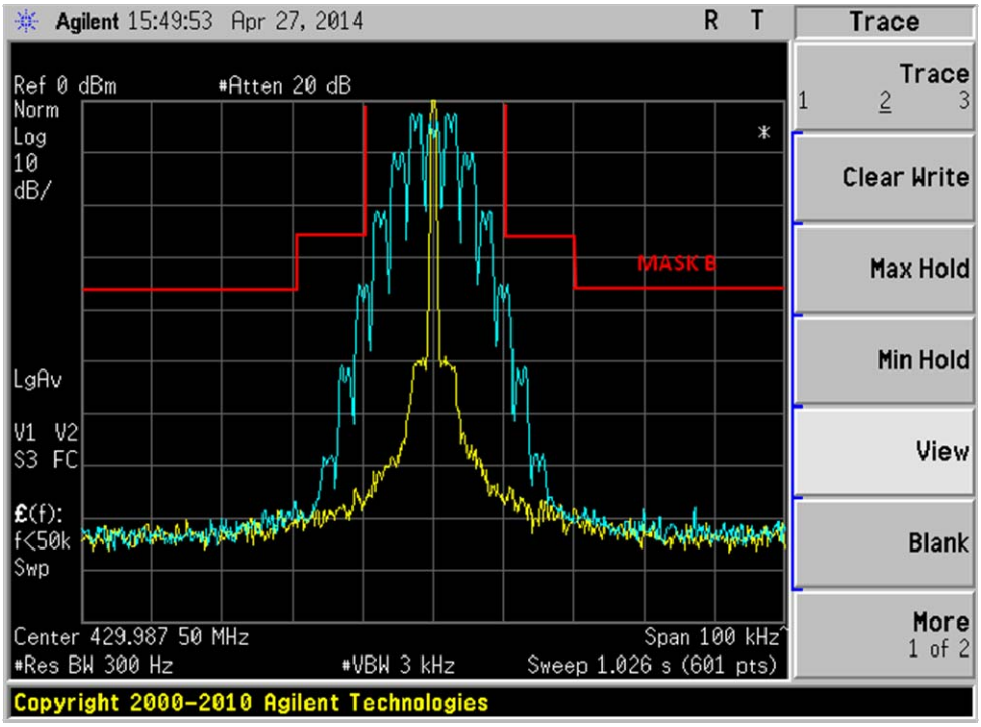


Figure 6E-5: 429.9875MHz, 25kHz Channel Spacing, 2500Hz Audio and PL Tone Modulation, **16K0F3E Mask B (Not for FCC review)**

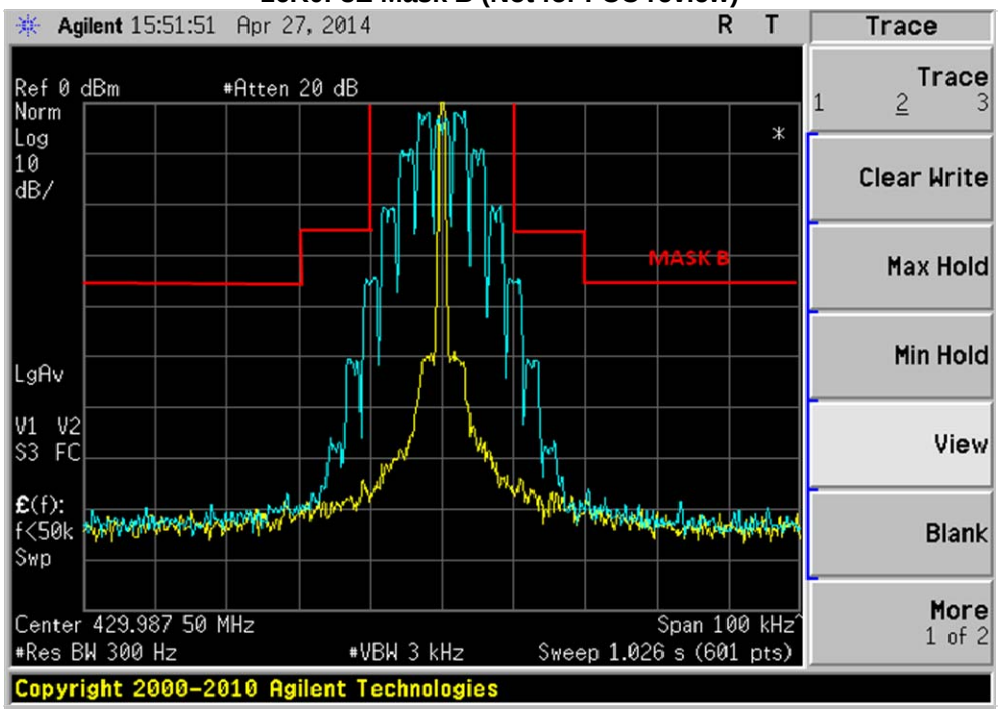


Figure 6E-6: 429.9875MHz, 25kHz Channel Spacing, 2500Hz Audio and DPL Tone Modulation, **16K0F3E Mask B (Not for FCC review)**

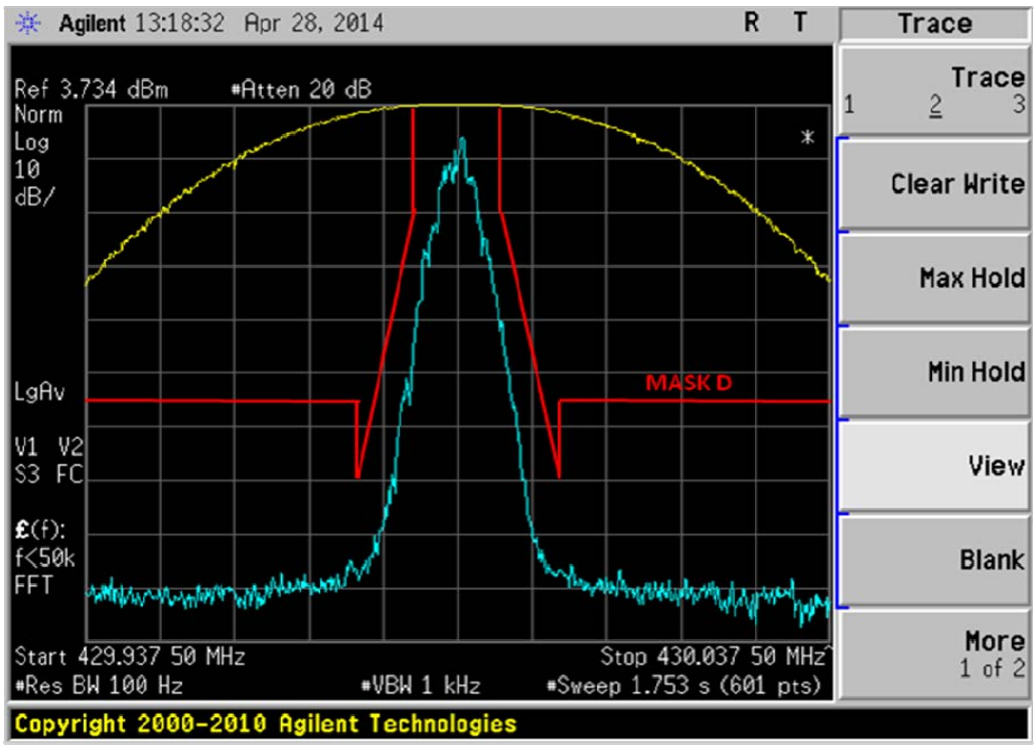


Figure 6E-7: 429.9875MHz, O.153 Test Pattern 4FSK Voice (F2 BER) Modulation, **7K60FXE Mask D**

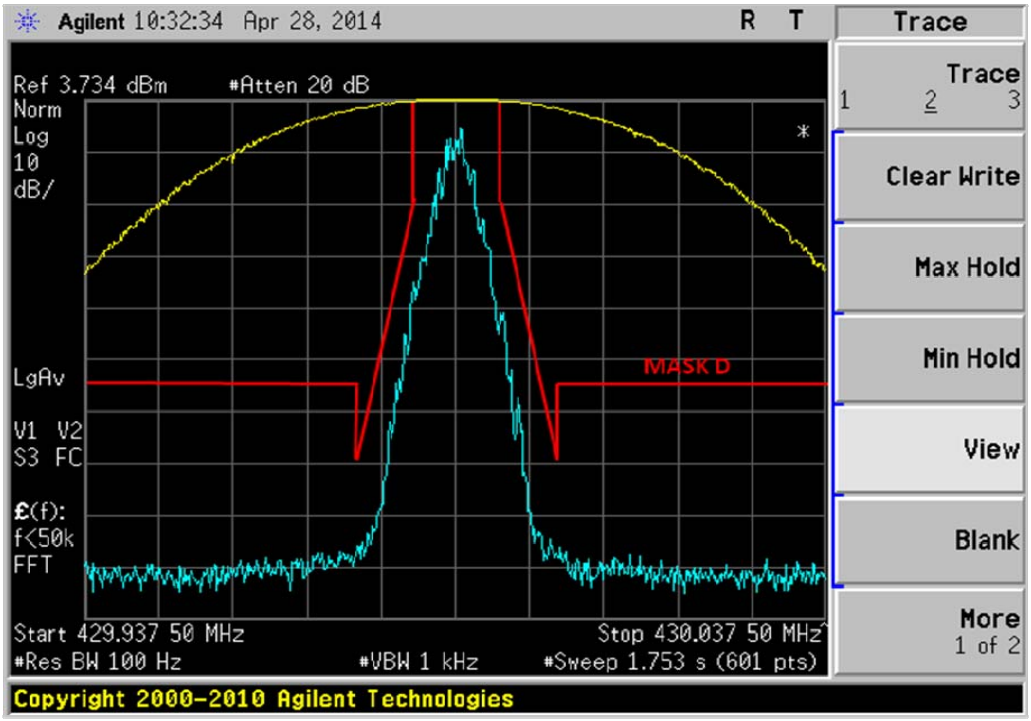


Figure 6E-8: 429.9875MHz, O.153 Test Pattern 4FSK Data (F2 BER) Modulation, **7K60FXD Mask D**

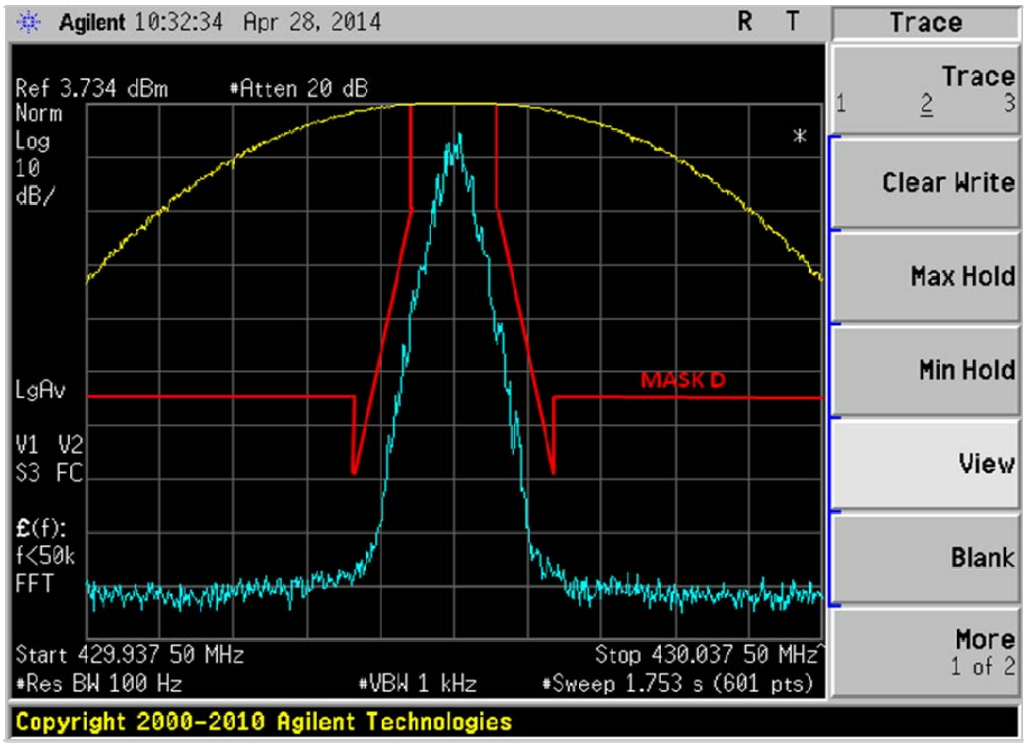


Figure 6E-9: 429.9875MHz, O.153 Test Pattern 4FSK Data and Voice Modulation, **7K60F1W Mask D**

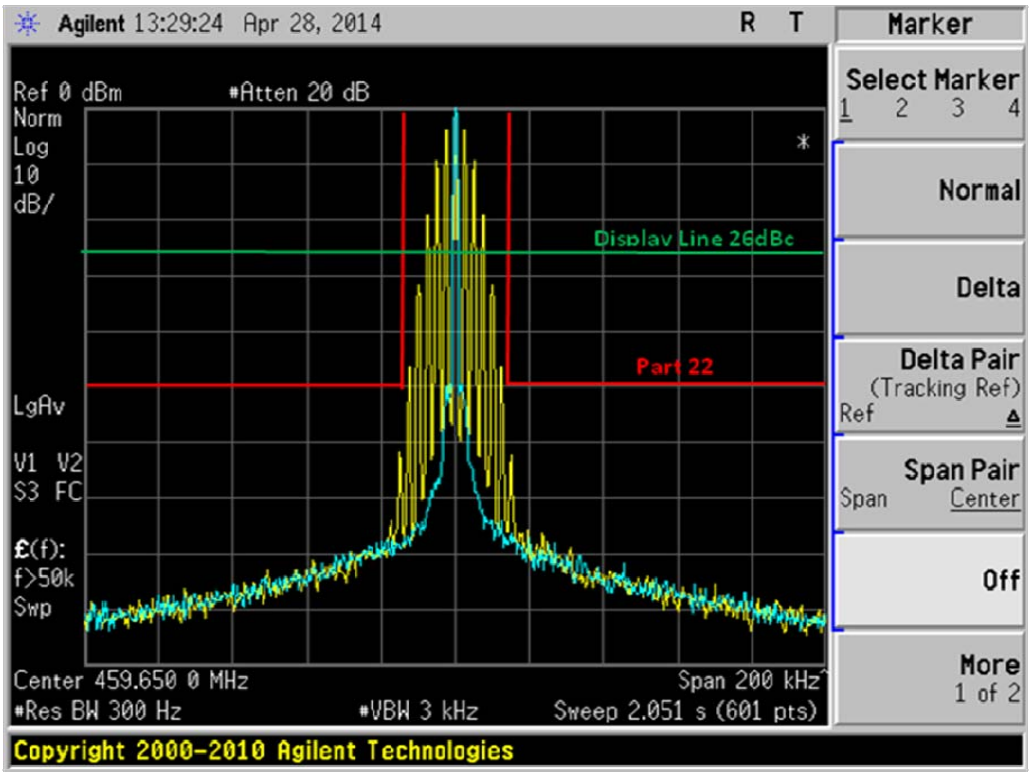


Figure 6E-10: 459.650 MHz, 25 kHz Channel Spacing, 2500 Hz Audio Modulation Only, **16K0F3E (Part 22)**

****NOTE:-**

- **For 4FSK Digital Modulation, 12.5kHz Data 7K60F1D & 7K60FXD would be the same. Therefore only measurements with 7K60FXD shown above.**
- **For 4FSK Digital Modulation, 12.5kHz 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 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 Radiated Spurious Emissions

**The following test data was based on Analog model that is the worst case condition. Digital model performance shall not degrade from analog performance.

403.0125 MHz — Channel Spacing 12.5kHz | S/N 546TQM0287

Frequency (MHz)	FCC 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	*	*

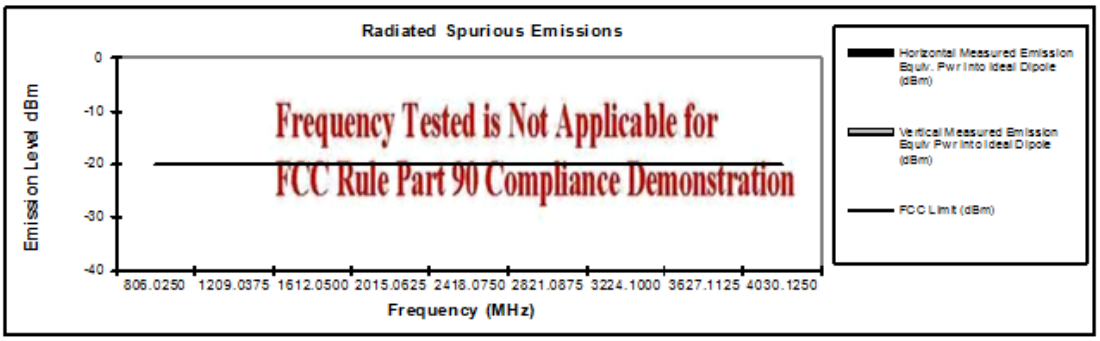


Figure 6F-1: 3.3W, 403.0125MHz, 12.5kHz Channel Spacing (Not for FCC review)

406.1125 MHz — Channel Spacing 12.5kHz | S/N 546TQM0287

Frequency (MHz)	FCC 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	*	*

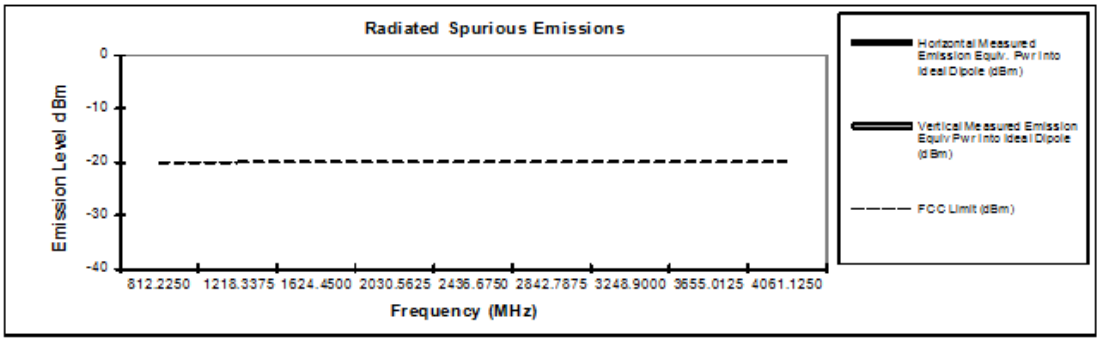


Figure 6F-2: 3.3W, 406.1125MHz, 12.5kHz Channel Spacing

429.9875 MHz Channel Spacing 12.5kHz | S/N 546TQM0287

Frequency (MHz)	FCC 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	*	*

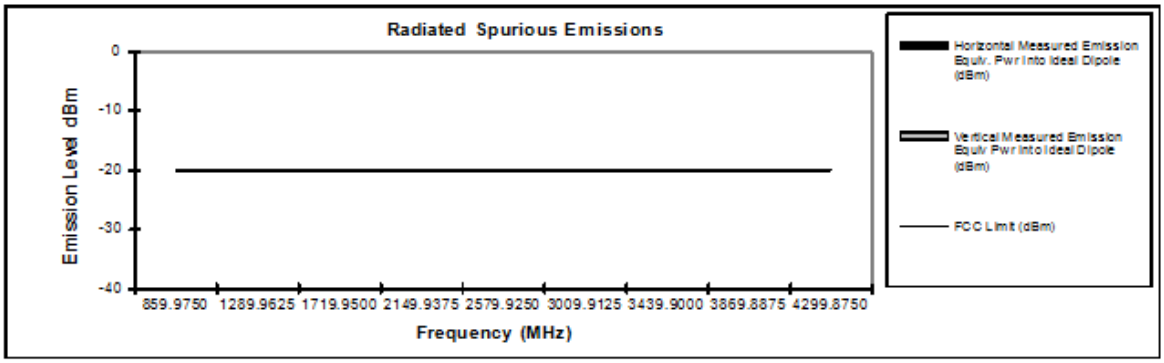


Figure 6F-3: 3.3W, 429.9875MHz, 12.5kHz Channel Spacing

469.9875 MHz Channel Spacing 12.5kHz | S/N 546TQM0287

Frequency (MHz)	FCC 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	*	*

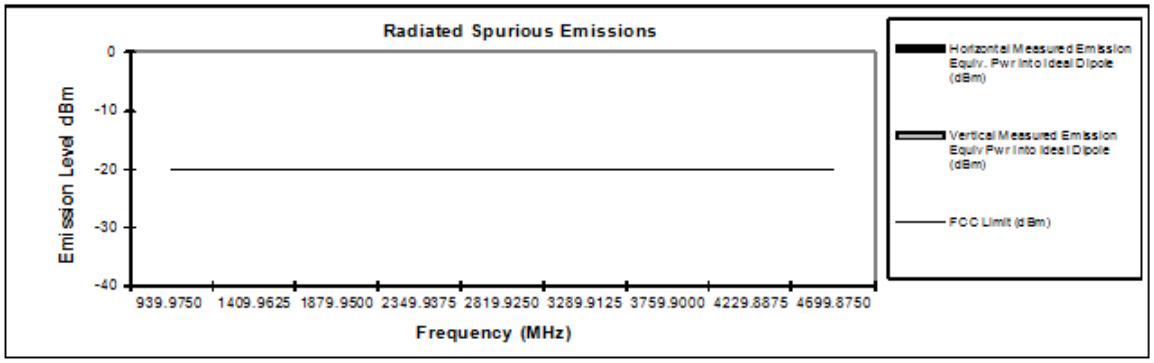


Figure 6F-4: 3.3W, 469.9875MHz, 12.5kHz Channel Spacing

403.0125 MHz **Channel Spacing 25kHz | S/N 546TQM0287**

Frequency (MHz)	FCC 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	*	*

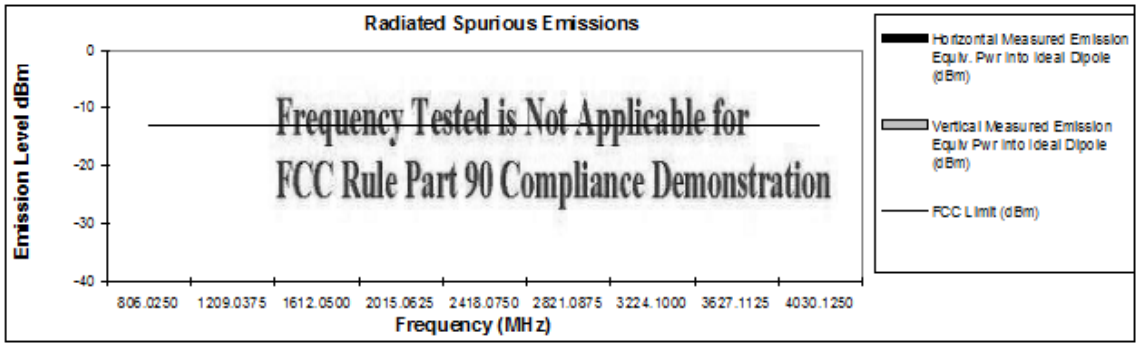


Figure 6F-5: 3.3W, 403.0125MHz, 25kHz Channel Spacing (Not for FCC review)

406.1125 MHz **Channel Spacing 25kHz | S/N 546TQM0287**

Frequency (MHz)	FCC 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	*	*

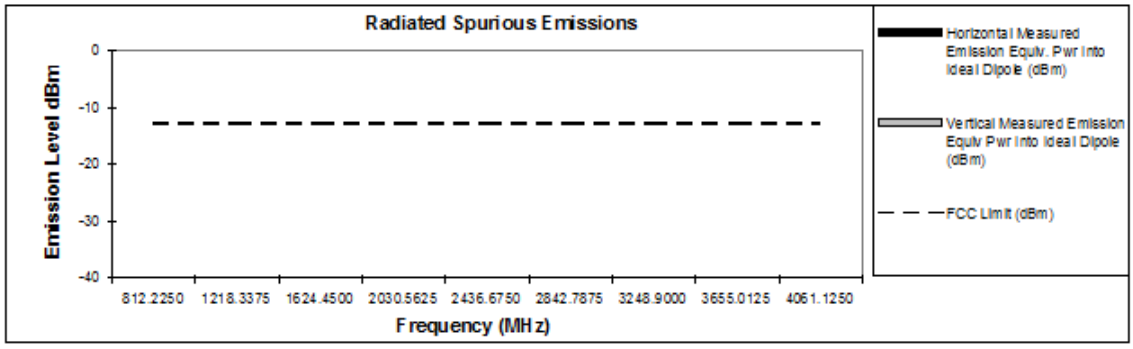


Figure 6F-6: 3.3W, 406.1125MHz, 25kHz Channel Spacing (Not for FCC review)

429.9875 MHz **Channel Spacing 25kHz | S/N 546TQM0287**

Frequency (MHz)	FCC 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	*	*

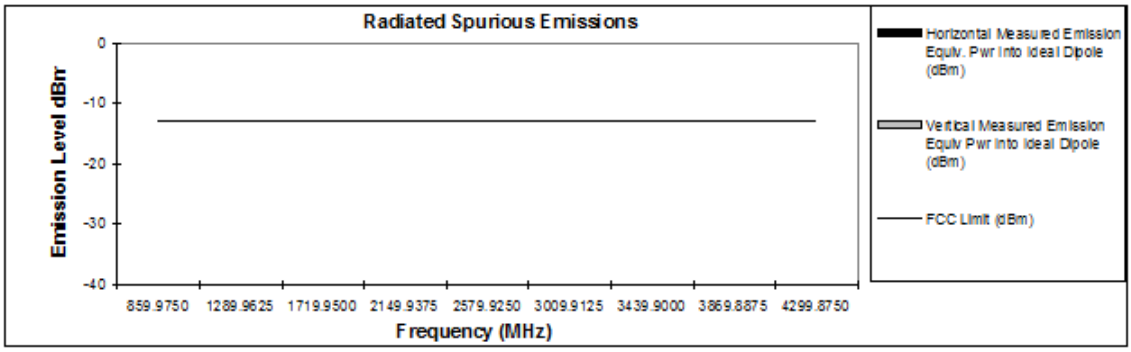


Figure 6F-7: 3.3W, 429.9875MHz, 25kHz Channel Spacing (Not for FCC review)

459.65 MHz **Channel Spacing 25kHz | S/N 546TQM0287**

Frequency (MHz)	FCC Limit (dBm)	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
919.3000	-13	*	*
1378.9500	-13	*	*
1838.6000	-13	*	*
2298.2500	-13	*	*
2757.9000	-13	*	*
3217.5500	-13	*	*
3677.2000	-13	*	*
4136.8500	-13	*	*
4596.5000	-13	*	*

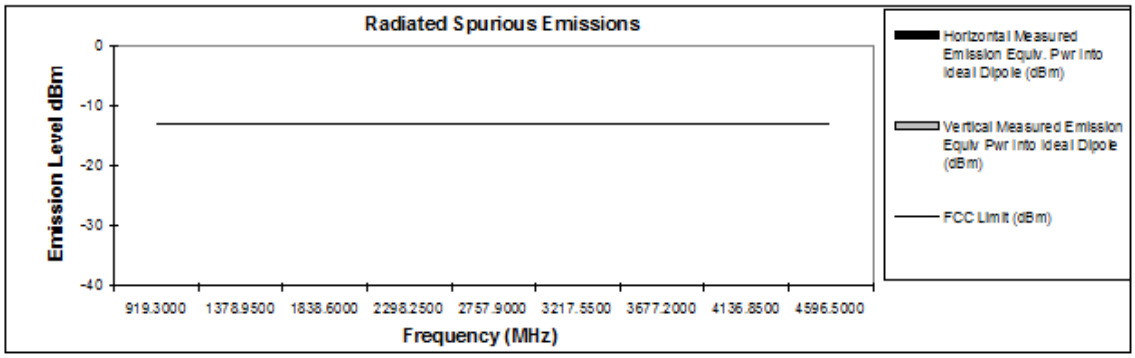


Figure 6F-8: 3.3W, 459.6500MHz, 25kHz Channel Spacing (Part 22)

469.9875 MHz **Channel Spacing 25kHz | S/N 546TQM0287**

Frequency (MHz)	FCC 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	*	*

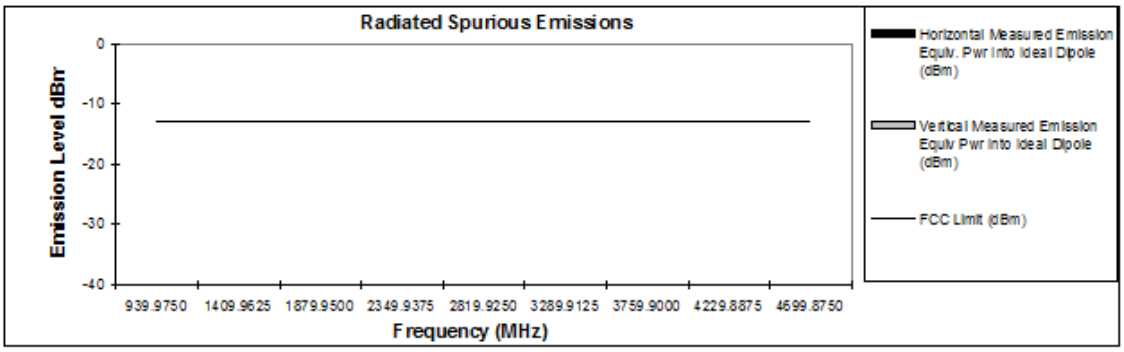


Figure 6F-9: 3.3W, 469.9875MHz, 25kHz Channel Spacing (Not for FCC review)

EXHIBIT 6G

Transmitter Conducted Spurious Emissions

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

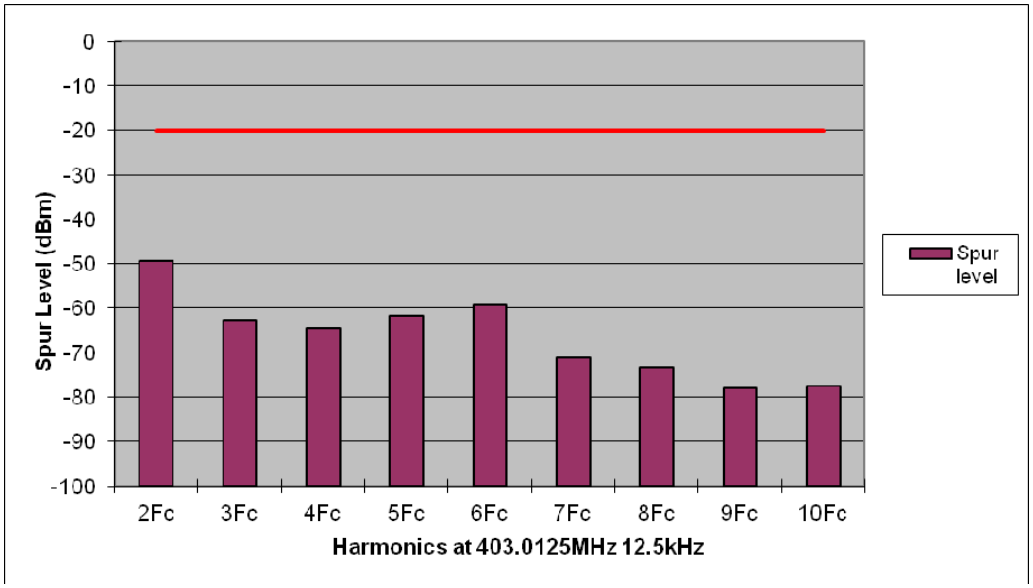


Figure 6G-1: 3.3W Harmonic of Carrier 403.0125MHz, 12.5kHz Channel Spacing (Not for FCC review)

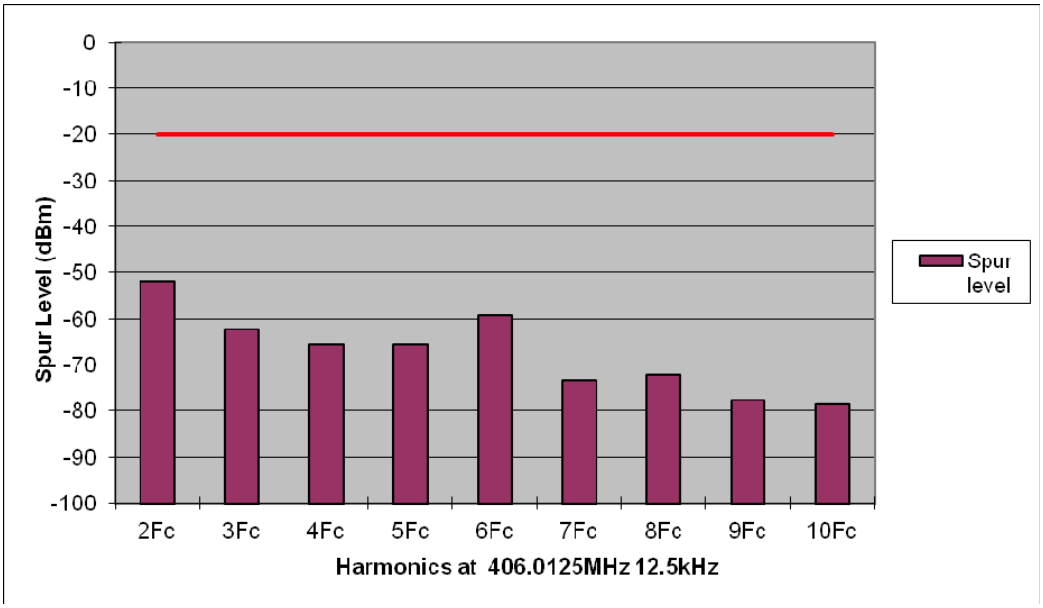


Figure 6G-2: 3.3W Harmonic of Carrier 406.1125MHz, 12.5kHz Channel Spacing

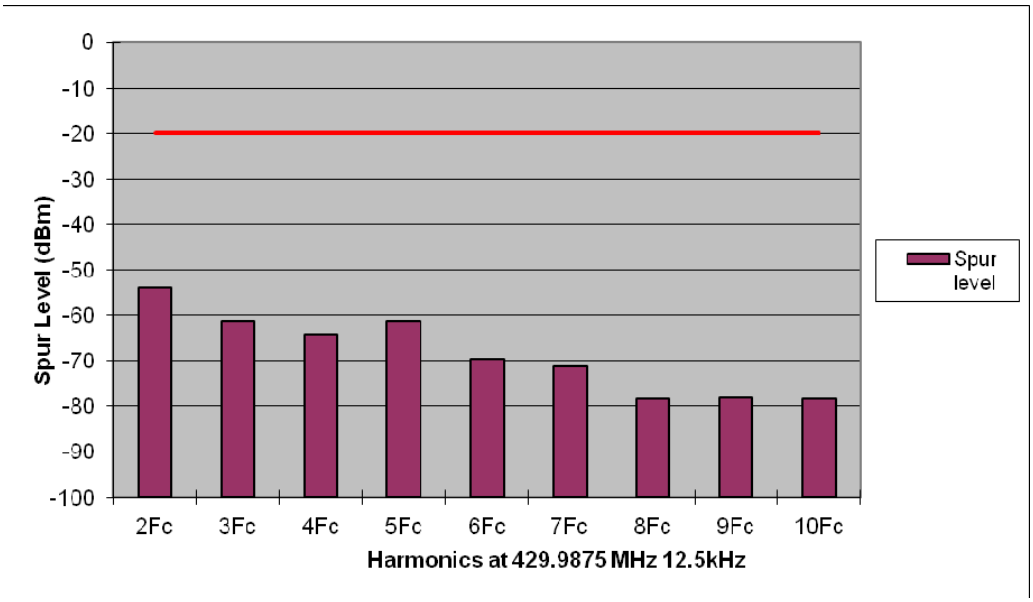


Figure 6G-3: 3.3W Harmonic of Carrier 429.9875MHz, 12.5kHz Channel Spacing

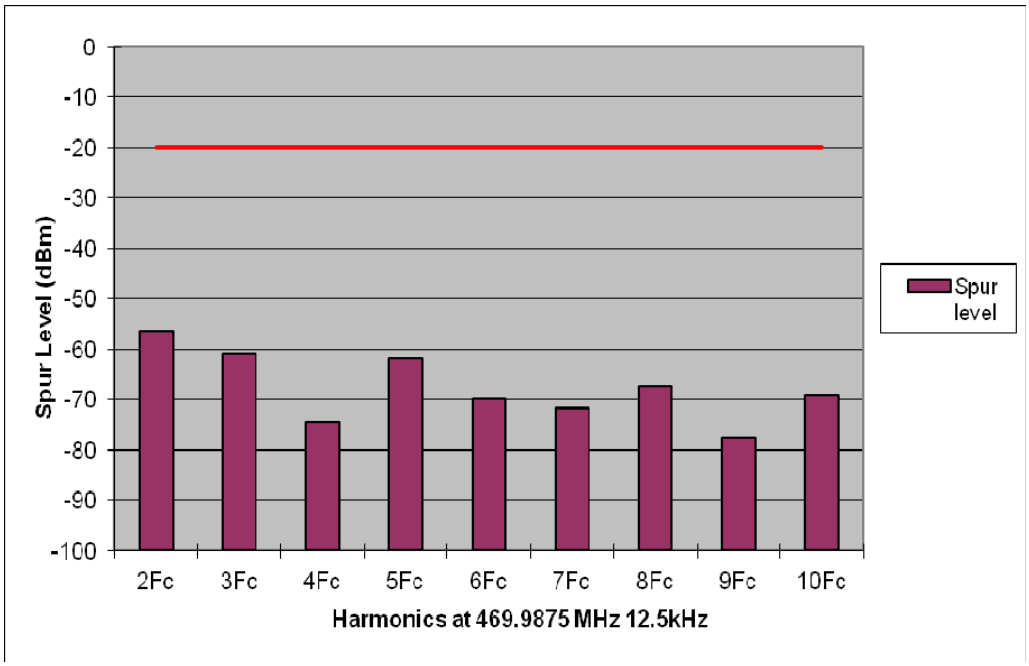


Figure 6G-4: 3.3W Harmonic of Carrier 469.9875MHz, 12.5kHz Channel Spacing

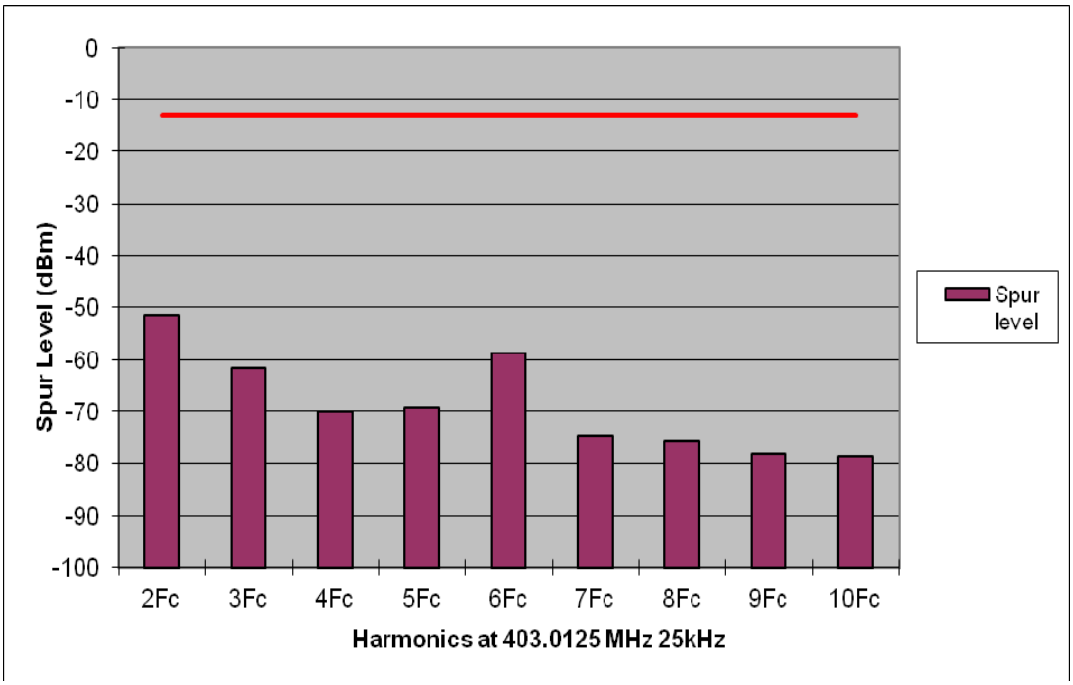


Figure 6G-5: 3.3W Harmonic of Carrier 403.0125MHz, 25kHz Channel Spacing (Not for FCC review)

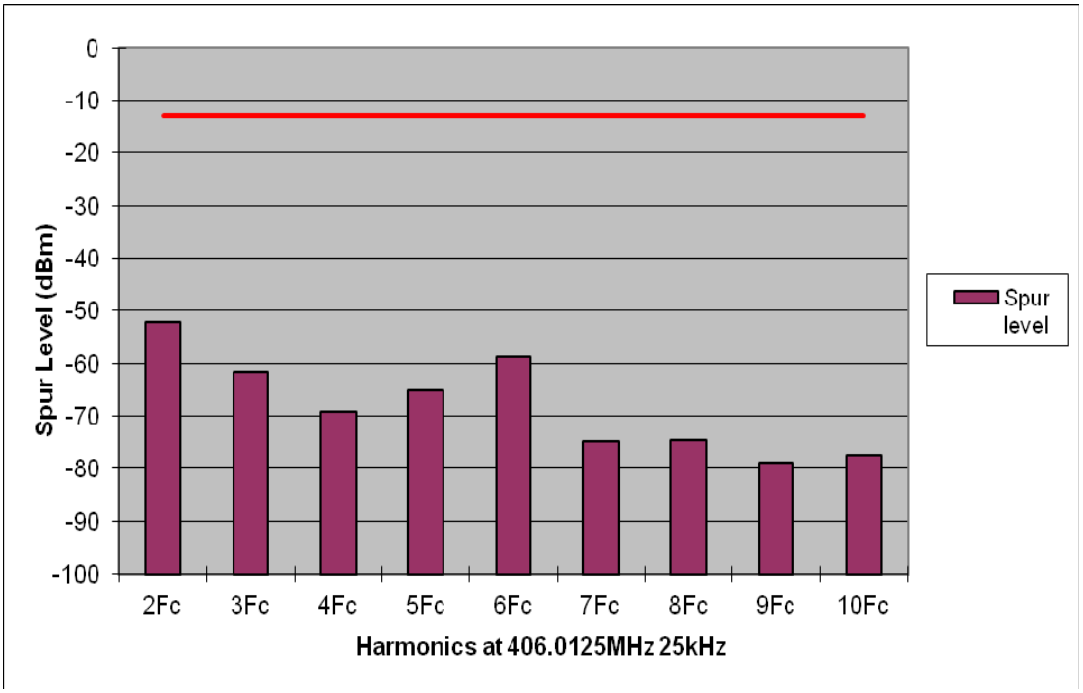


Figure 6G-6: 3.3W Harmonic of Carrier 406.1125MHz, 25kHz Channel Spacing (Not for FCC review)

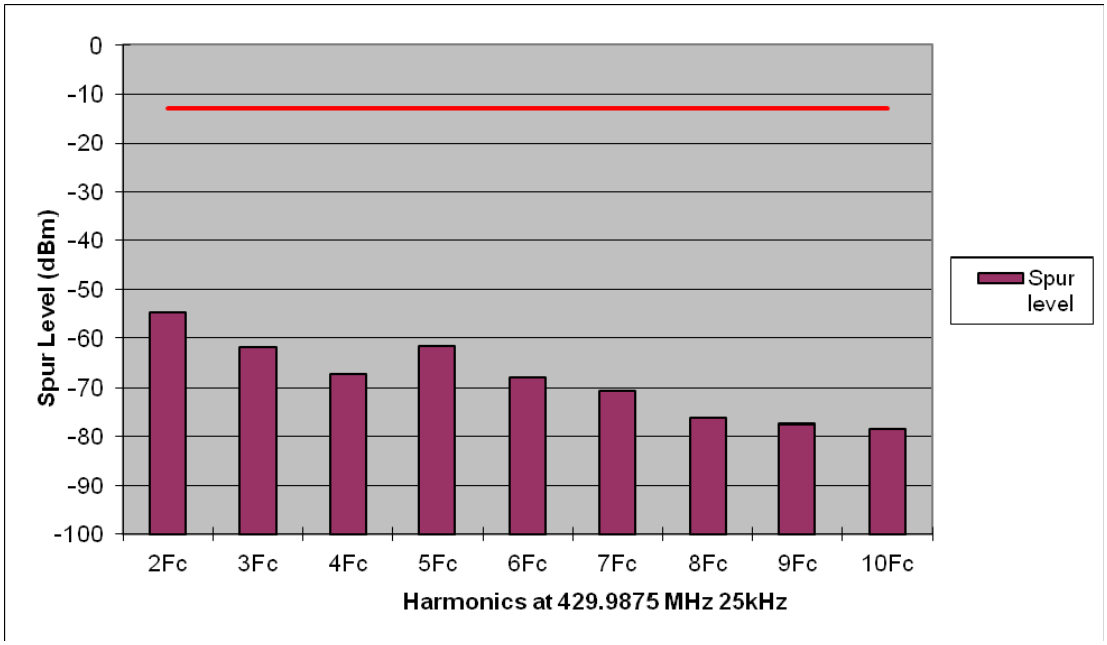


Figure 6G-7: 3.3W Harmonic of Carrier 429.9875MHz, 25kHz Channel Spacing (Not for FCC review)

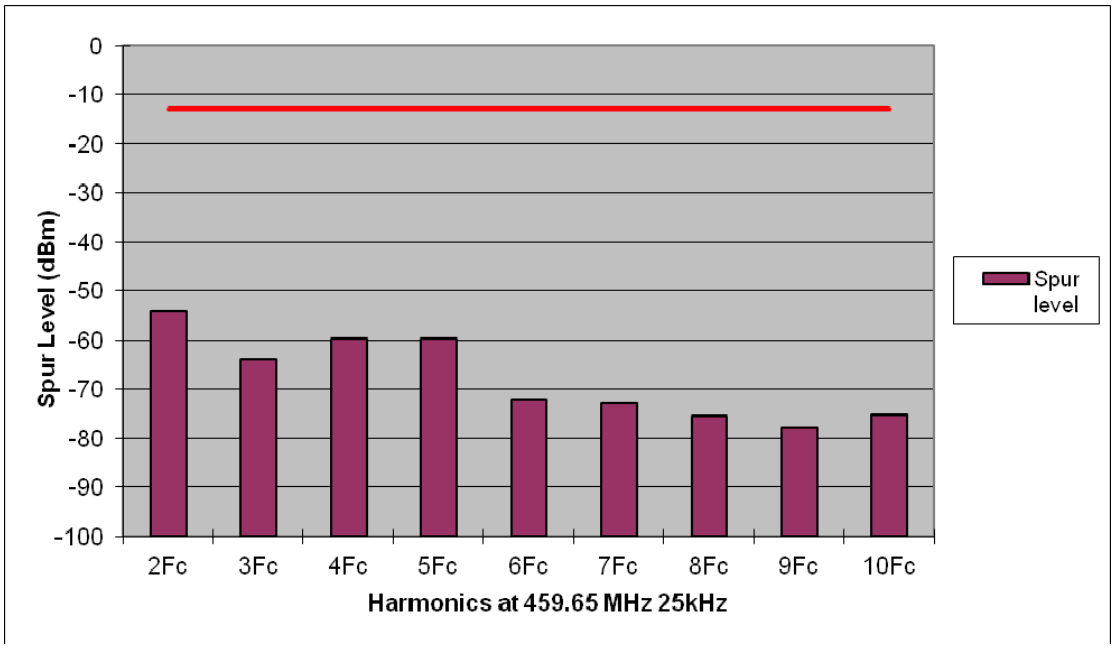


Figure 6G-8: 3.3W Harmonic of Carrier 459.6500MHz, 25kHz Channel Spacing (Part 22)

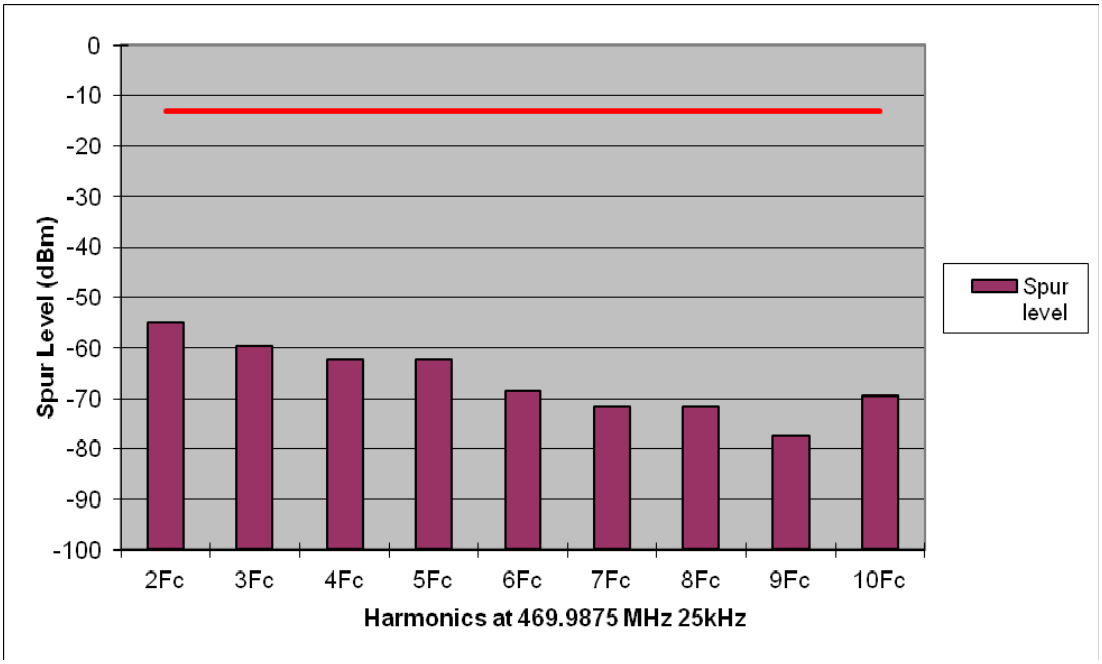


Figure 6G-9: 3.3W Harmonic of Carrier 469.9875MHz, 25kHz Channel Spacing (Not for FCC review)

EXHIBIT 6H

Frequency Stability

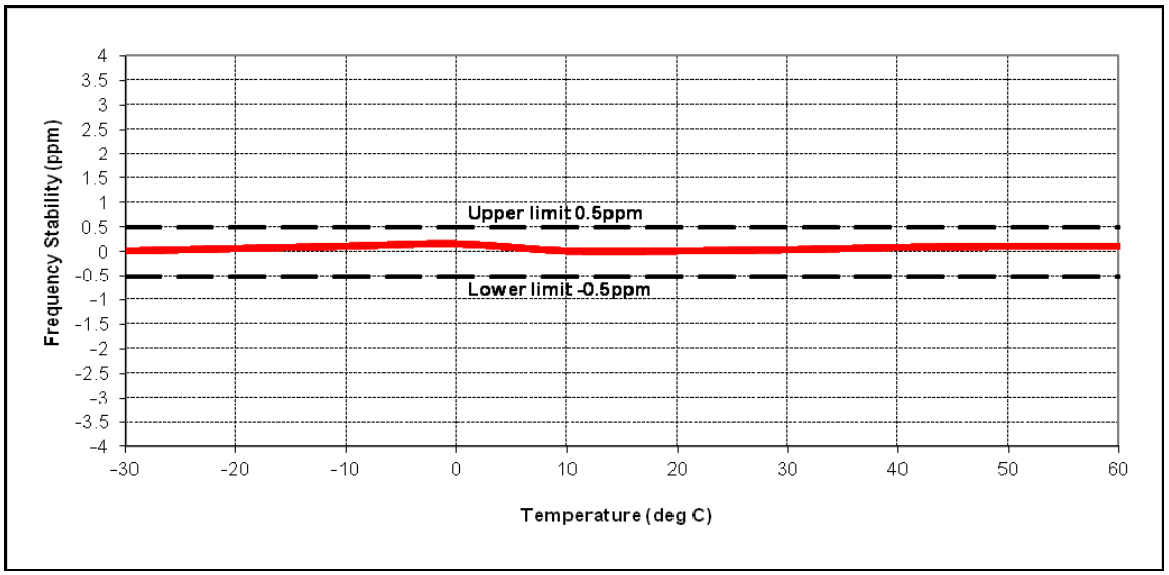


Figure 6H-1: 429.9875MHz, 0.5 ppm Frequency Stability vs. Temperature

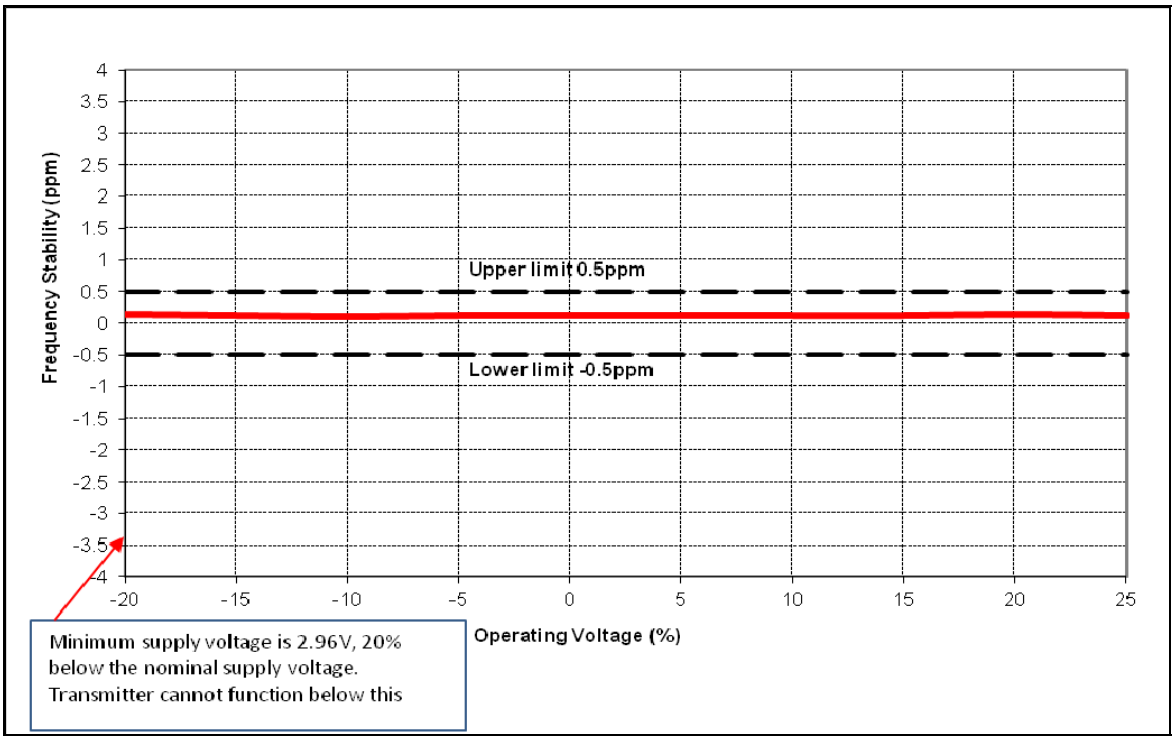


Figure 6H-2: 429.9875MHz, 0.5 ppm Frequency Stability vs. Supply Voltage

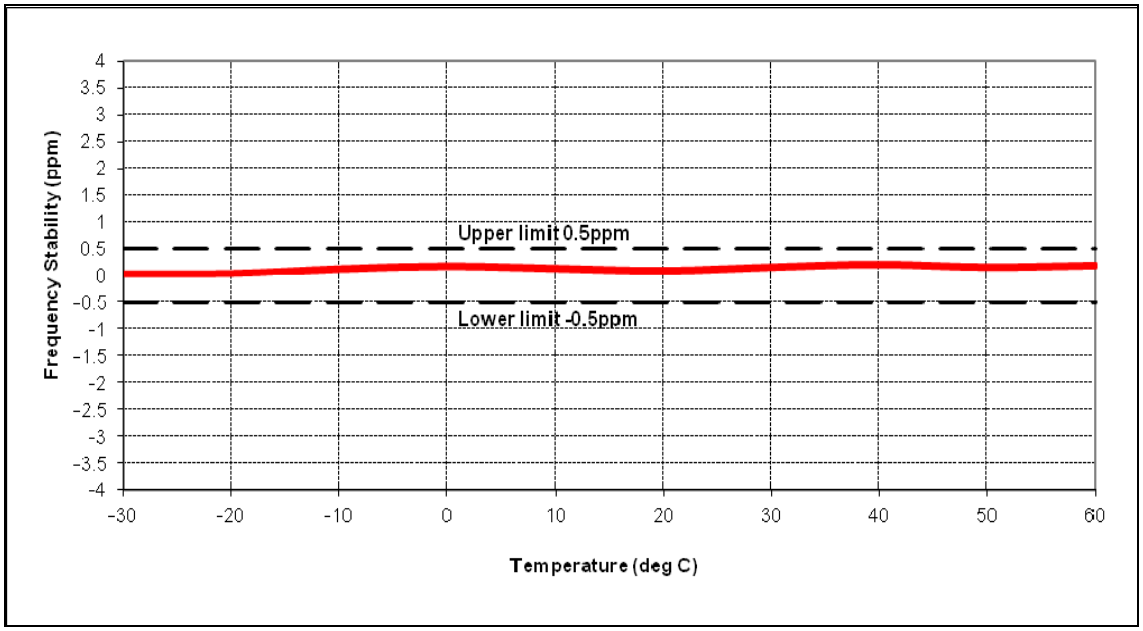


Figure 6H-3: 459.6500MHz, 0.5 ppm Frequency Stability vs. Temperature (Part 22)

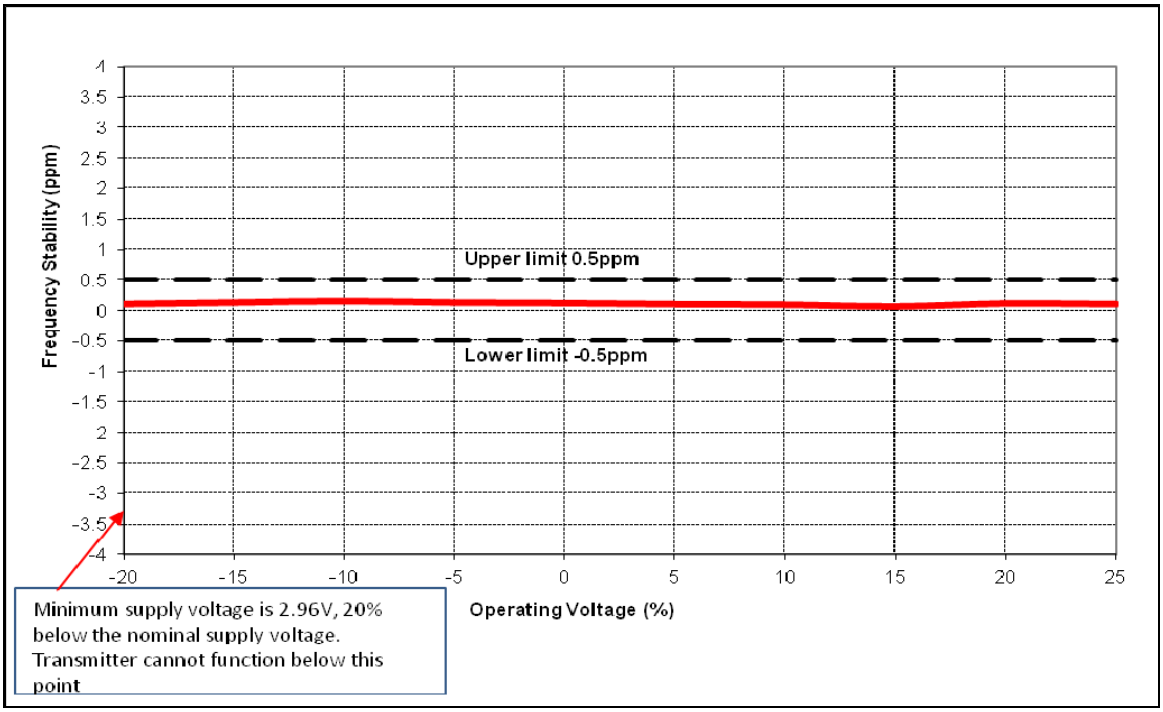


Figure 6H-4: 459.6500MHz, 0.5 ppm Frequency Stability vs. Supply Voltage (Part 22)

EXHIBIT 6I

TRANSIENT FREQUENCY BEHAVIOR

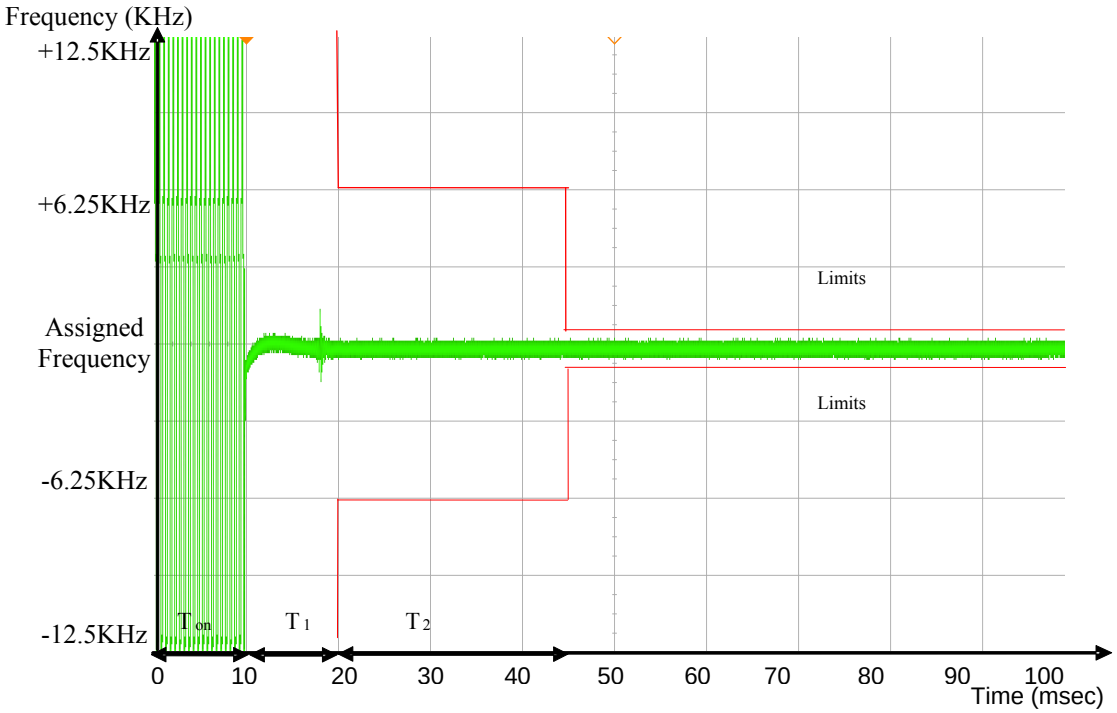


Figure 6I-1: TX 429.9875MHz – **12.5kHz** Channel Spacing – Transmitter **On**

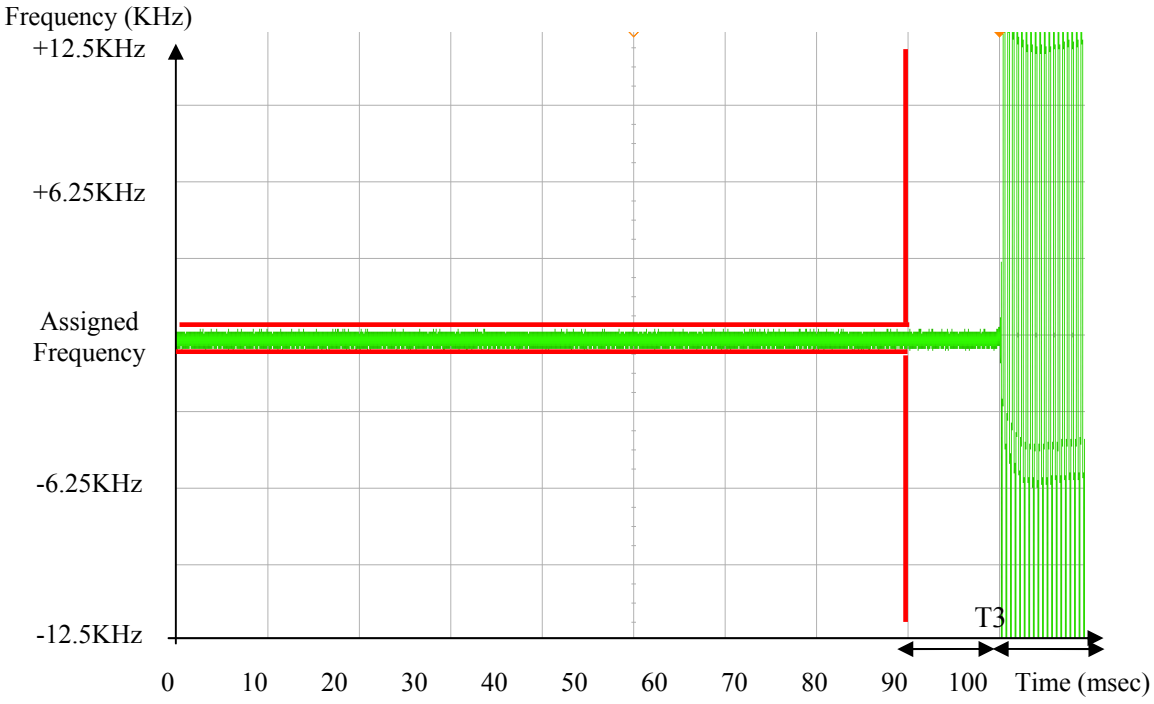


Figure 6I-2: TX 429.9875MHz – **12.5kHz** Channel Spacing – Transmitter **Off**

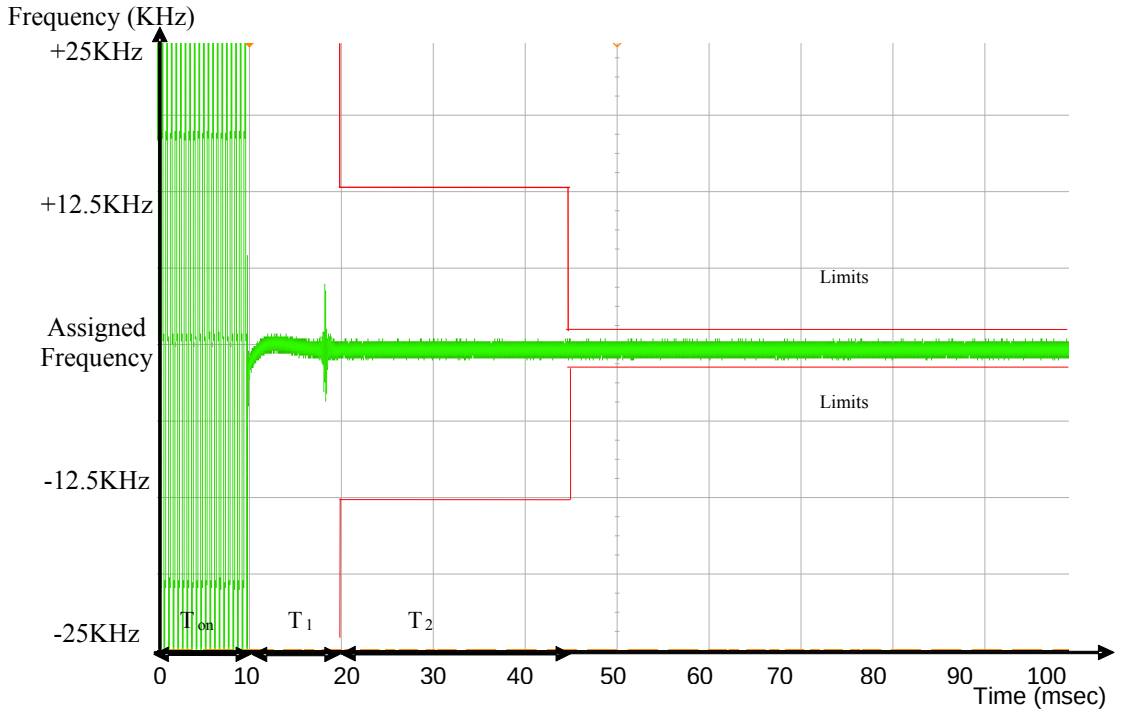


Figure 6I-3: TX 429.9875MHz – **25kHz** Channel Spacing – Transmitter **On** (Not for FCC review)

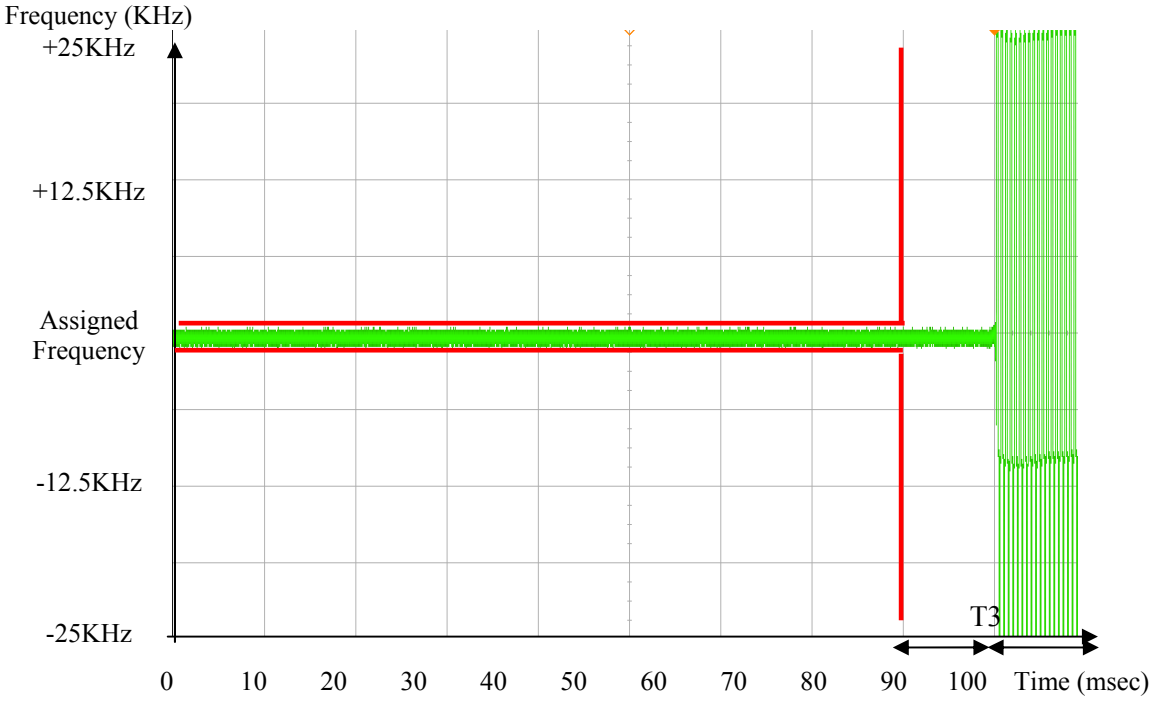


Figure 6I-4: TX 429.9875MHz – **25kHz** Channel Spacing – Transmitter **Off** (Not for FCC review)