

SUBMITTED MEASURED DATA

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EXHIBIT 6A: RF POWER OUTPUT DATA

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

The RF power output was measured with the indicated voltage applied to and Current into the final RF amplifying device.

Power Level	Frequency [MHz]	Channel Spacing [KHz]	RF Output Power [W]	Nominal DC Voltage [V]	Nominal DC Current [A]
57 Watt	136.0125	25	56.7	13.6	7.29
	155.0125	25	56.6	13.6	6.39
	173.9875	25	56.7	13.6	7.67
27 Watt	136.0125	25	27	13.6	5.06
	155.0125	25	27.2	13.6	4.424
	173.9875	25	27.6	13.6	5.41
5 Watt	136.0125	25	5.18	13.6	2.598
	155.0125	25	5.15	13.6	2.217
	173.9875	25	5.02	13.6	2.632

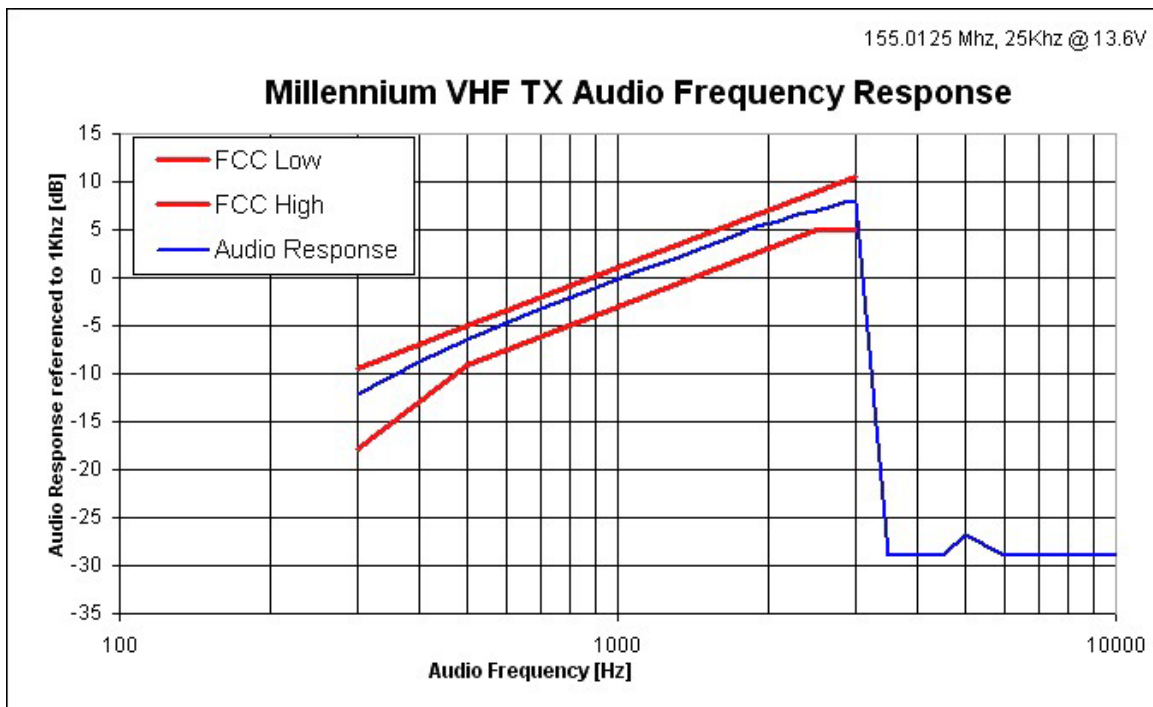
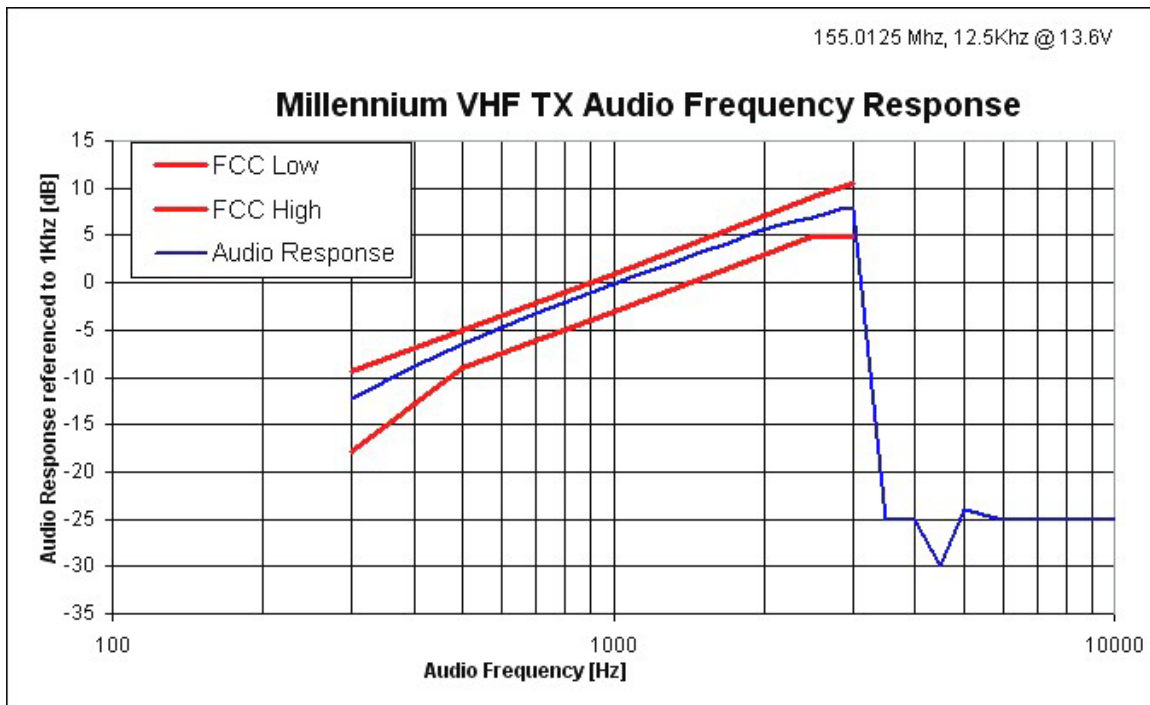
EXHIBIT 6B: AUDIO FREQUENCY RESPONSE

EXHIBIT 6C: LOW PASS FILTER RESPONSE

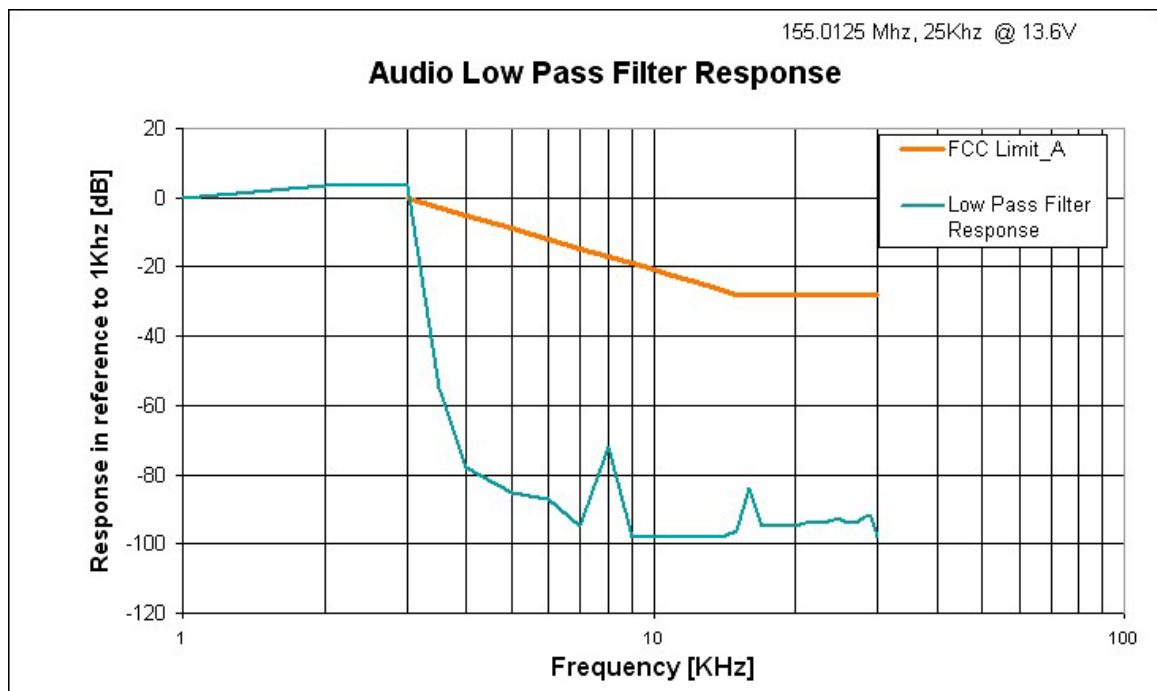
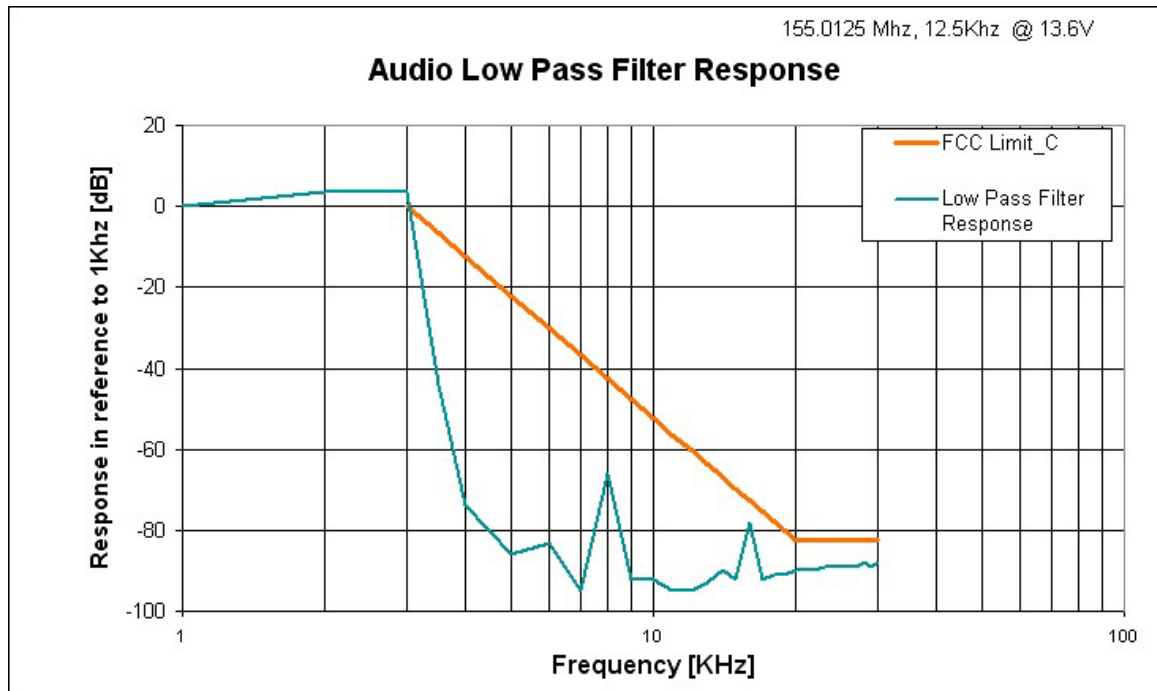


EXHIBIT 6D: MODULATION LIMITING

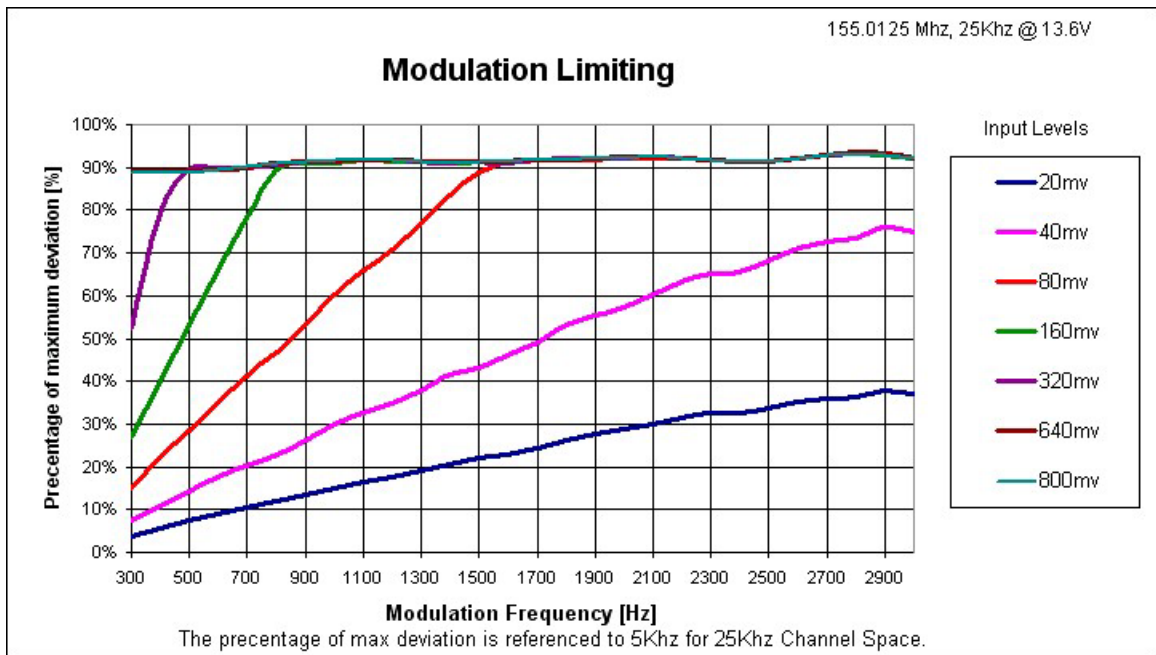
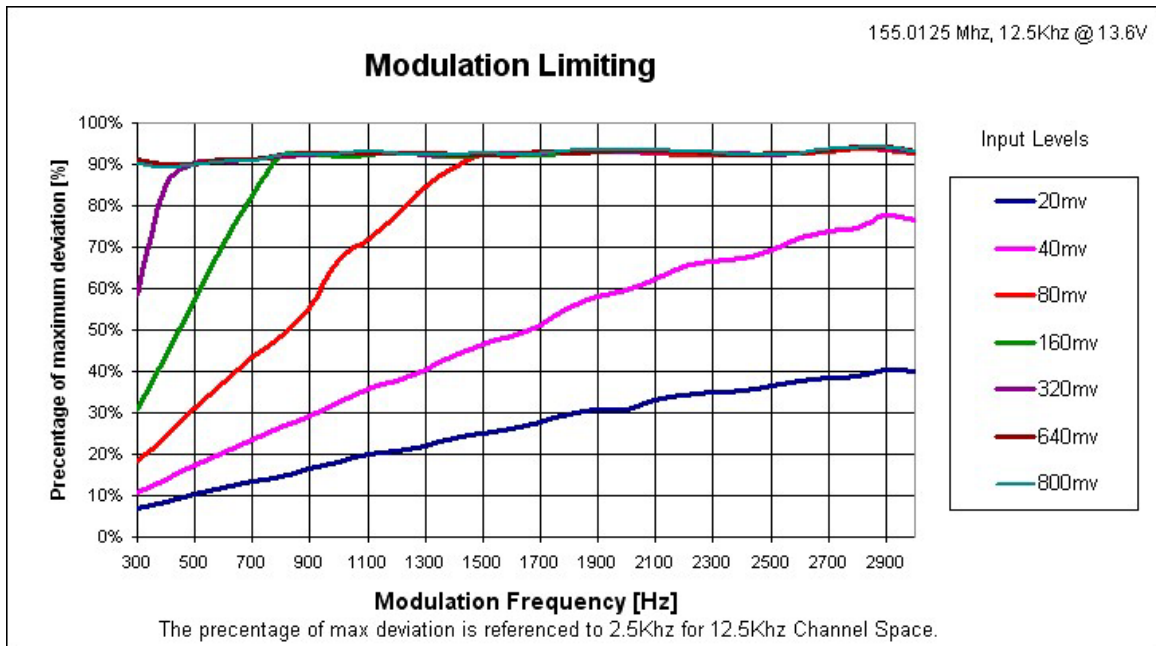


EXHIBIT 6E: OCCUPIED BANDWIDTH**OCCUPIED BANDWIDTH DATA****BANDWIDTH CALCULATIONS:**

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

$$BW = 2 * (M + D) \quad \text{where: } BW = \text{Bandwidth}$$
$$M = \text{Maximum modulating frequency}$$
$$D = \text{Deviation}$$

Shown below are the calculations required for FCC ID: **AZ492FT3806**

EXHIBIT 6E-1

Standard Audio Modulation (25 kHz Channelization, Analog Voice):

Emission Designator 16K0F3E

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

$$BW = 2(M+D) = 2*(3 \text{ kHz} + 5 \text{ kHz}) = 16 \text{ kHz} \implies 16K0$$

F3E portion of the designator indicates voice.

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

EXHIBIT 6E-2

Standard Audio Modulation (12.5 kHz Channelization, Analog Voice):

Emission Designator 11K0F3E

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

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

F3E portion of the designator indicates voice.

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

EXHIBIT 6E-3

Digital (12.5 kHz Channelization, Digital Data):

Emission Designator 8K10F1D

Measurements per Rule Part 2.202 Section C (4) were done because Part 2.202 Section g Table III A, 1 formulation produces an excessive result using the value of K recommended in the Table. Therefore, the 99% energy rule (title 47CFR 2.989) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X KHz, in this case, 8.10 kHz. Measurements were performed in accordance with TIA/EIA 102.CAAB Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210(d).

F1D portion of the designator indicates digital data.

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

EXHIBIT 6E-4

Digital (12.5 kHz Channelization, Digital Voice):

Emission Designator 8K10F1E

Measurements per Rule Part 2.202 Section C (4) were done because Part 2.202 Section g Table III A, 1 formulation produces an excessive result using the value of K recommended in the Table. Therefore, the 99% energy rule (title 47CFR 2.989) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X KHz, in this case, 8.10 KHz. Measurements were performed in accordance with TIA/EIA 102.CAAB Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210(d).

F1E portion of the designator indicates digital voice.

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

EXHIBIT 6E-5

Digital (12.5 kHz Channelization, Digital Voice Encryption):

Emission Designator 8K10F1E (Per 47CFR 90.212(b))

Measurements per Rule Part 2.202 Section C (4) were done because Part 2.202 Section g Table III A, 1 formulation produces an excessive result using the value of K recommended in the Table. Therefore, the 99% energy rule (title 47CFR 2.989) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X KHz, in this case, 8.10 KHz. Measurements were performed in accordance with TIA/EIA 102.CAAB Section 2.2.5.2. The emission mask was obtained from 47CFR 90.210(d).

F1E portion of the designator indicates digital voice.

Therefore, the entire designator for 12.5 kHz channelization digital voice (with encryption) is 8K10F1E.

EXHIBIT 6E-6

Secure Mode (20.0 kHz Channelization, Digital Voice Encryption):

Emission Designator 20K0F1E

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

$$BW = 2(M+D) = 2*(6.0 \text{ kHz} + 4.0 \text{ kHz}) = 20 \text{ kHz} \implies 20K0$$

F1E portion of the designator indicates digital voice.

Therefore, the entire designator for 20.0 kHz channelization secure mode (digital voice encryption) is 20K0F1E.

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

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

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

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

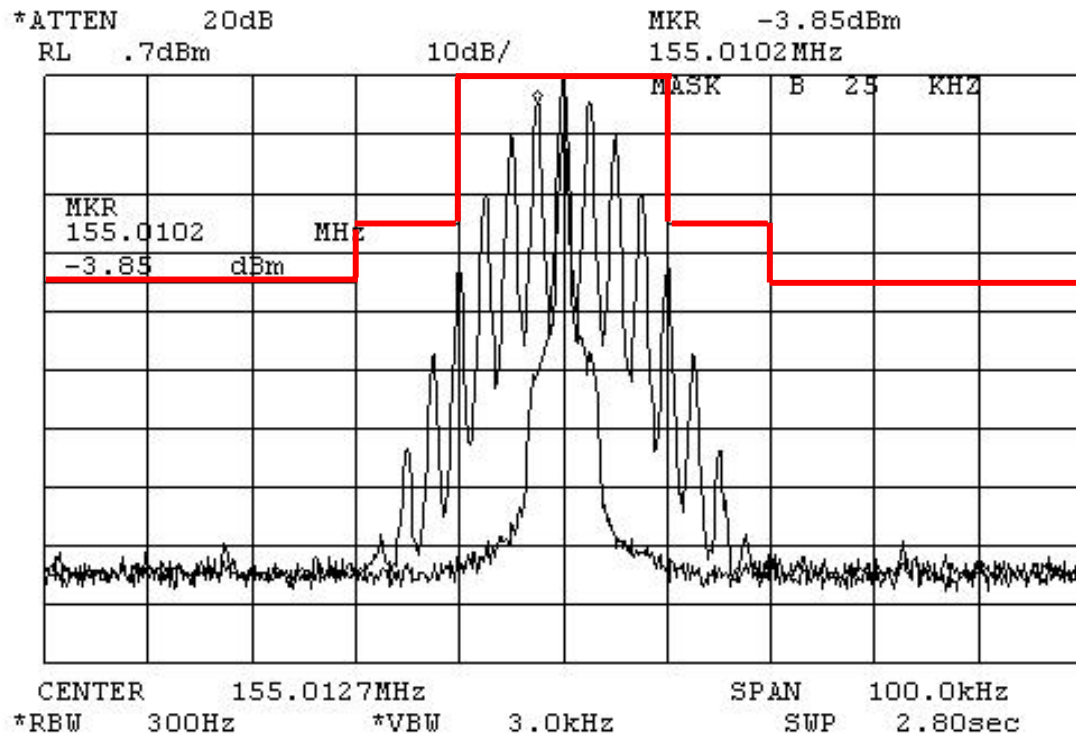
EXHIBIT 6E-1

OCCUPIED BANDWIDTH (EMISSION DESIGNATOR 16K0F3E)

FREQ = 155.0125 MHz
MASK B

MAX POWER SETTING

ANALOG VOICE
CHANNEL SPACING = 25.0 kHz



OCCUPIED BANDWIDTH (EMISSION DESIGNATOR 16K0F3E)

FREQ = 155.0125 MHz
MASK B

MIN POWER SETTING

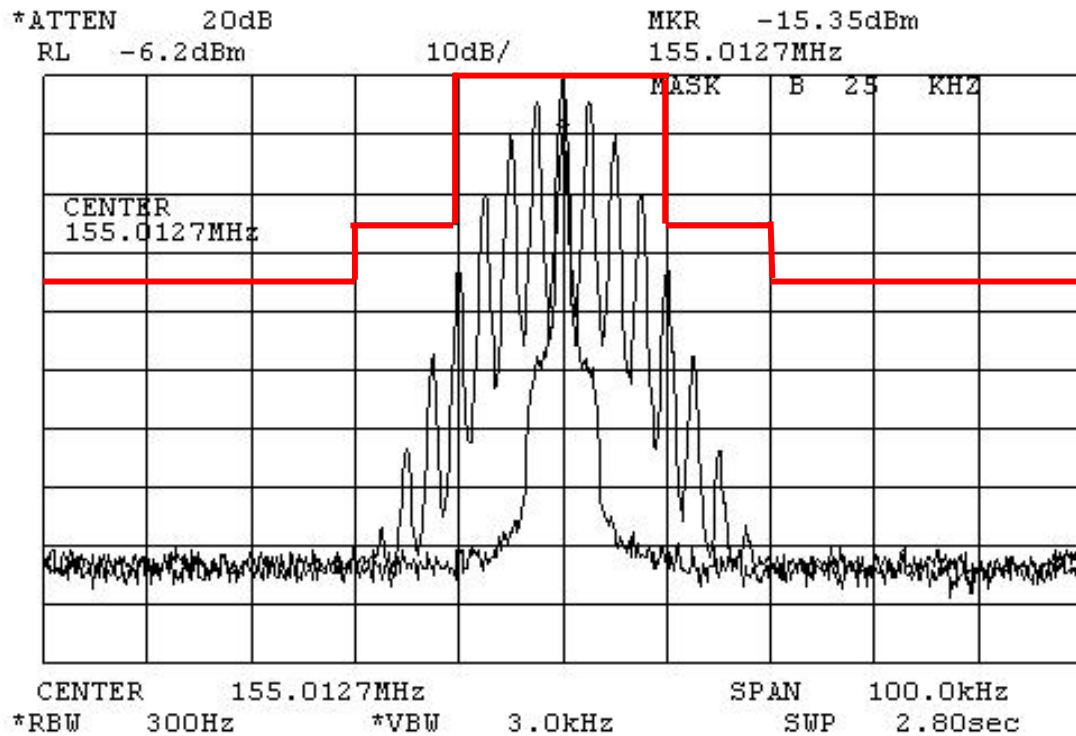
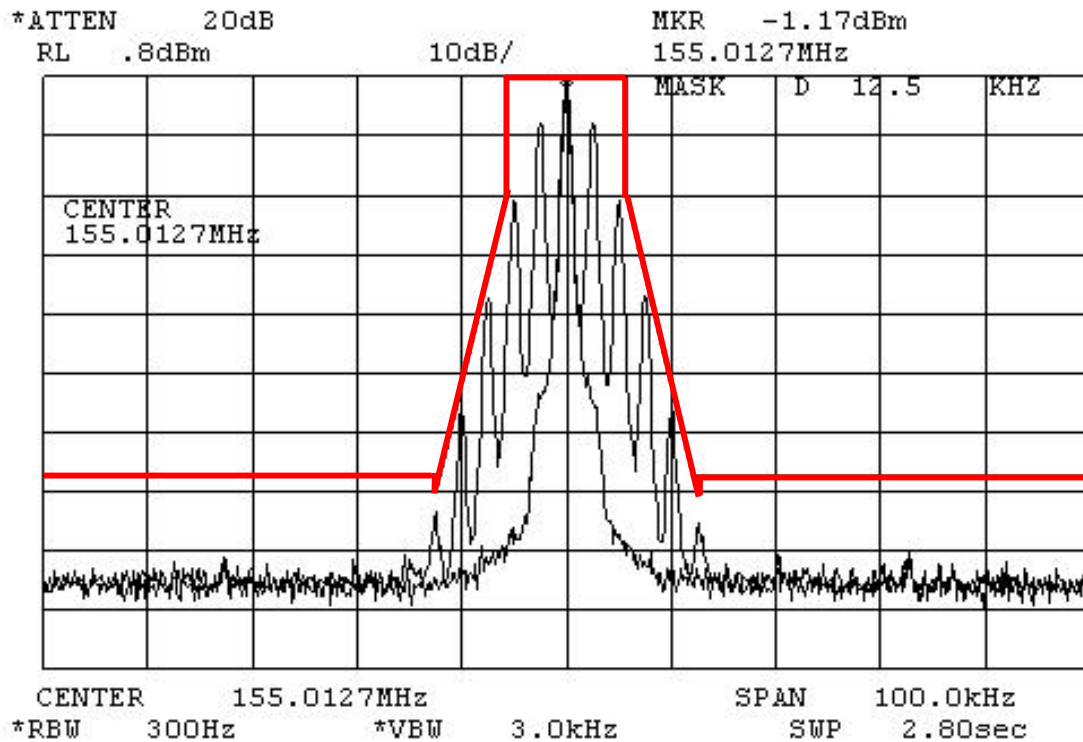
ANALOG VOICE
CHANNEL SPACING = 25.0 kHz

EXHIBIT 6E-2

OCCUPIED BANDWIDTH (EMISSION DESIGNATOR 11K0F3E)

FREQ = 155.0125 MHz
MASK D

MAX POWER SETTING

ANALOG VOICE
CHANNEL SPACING = 12.5 kHz

OCCUPIED BANDWIDTH (EMISSION DESIGNATOR 11K0F3E)

FREQ = 155.0125 MHz

MIN POWER SETTING

ANALOG VOICE

MASK D

CHANNEL SPACING = 12.5 kHz

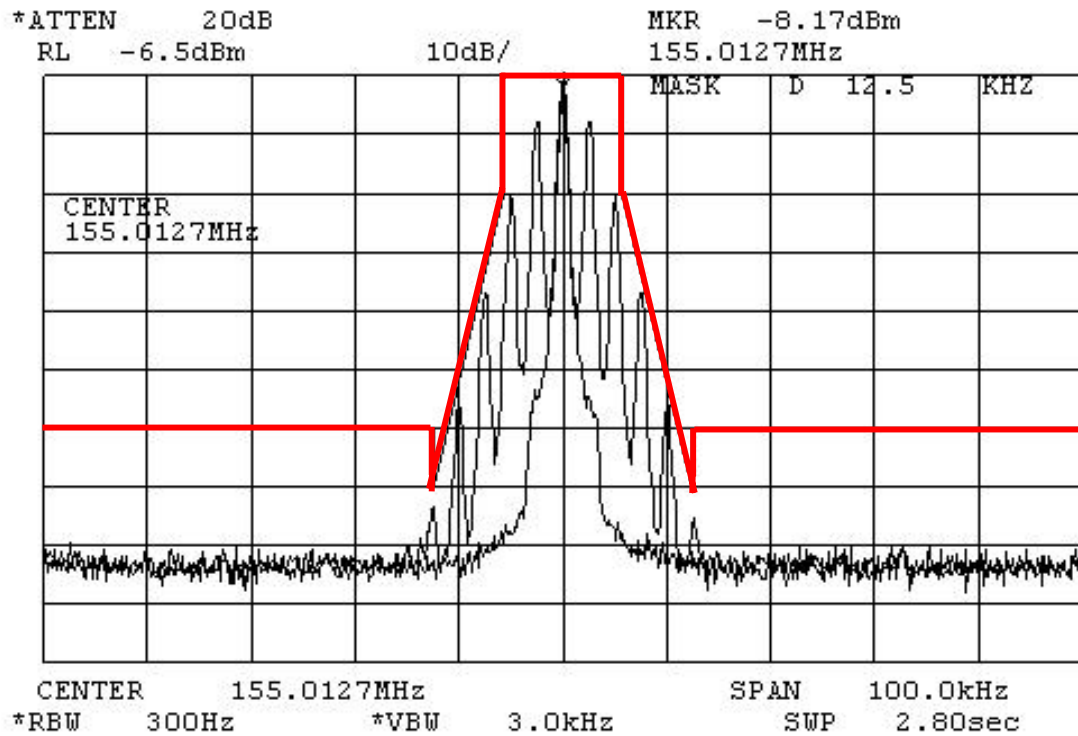


EXHIBIT 6E-3

OCCUPIED BANDWIDTH (EMISSION DESIGNATOR 8K10F1D)

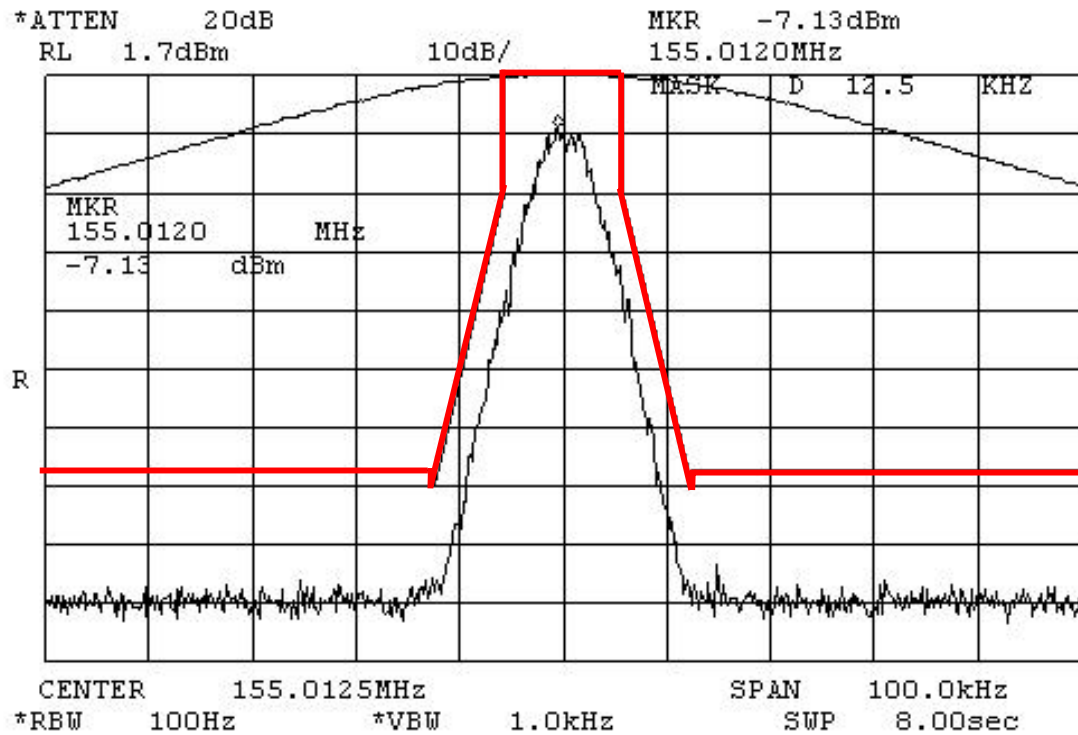
FREQ = 155.0125 MHz

MAX POWER SETTING

DIGITAL DATA

MASK D

CHANNEL SPACING = 12.5 kHz



OCCUPIED BANDWIDTH (EMISSION DESIGNATOR 8K10F1D)

FREQ = 155.0125 MHz
MASK D

MIN POWER SETTING

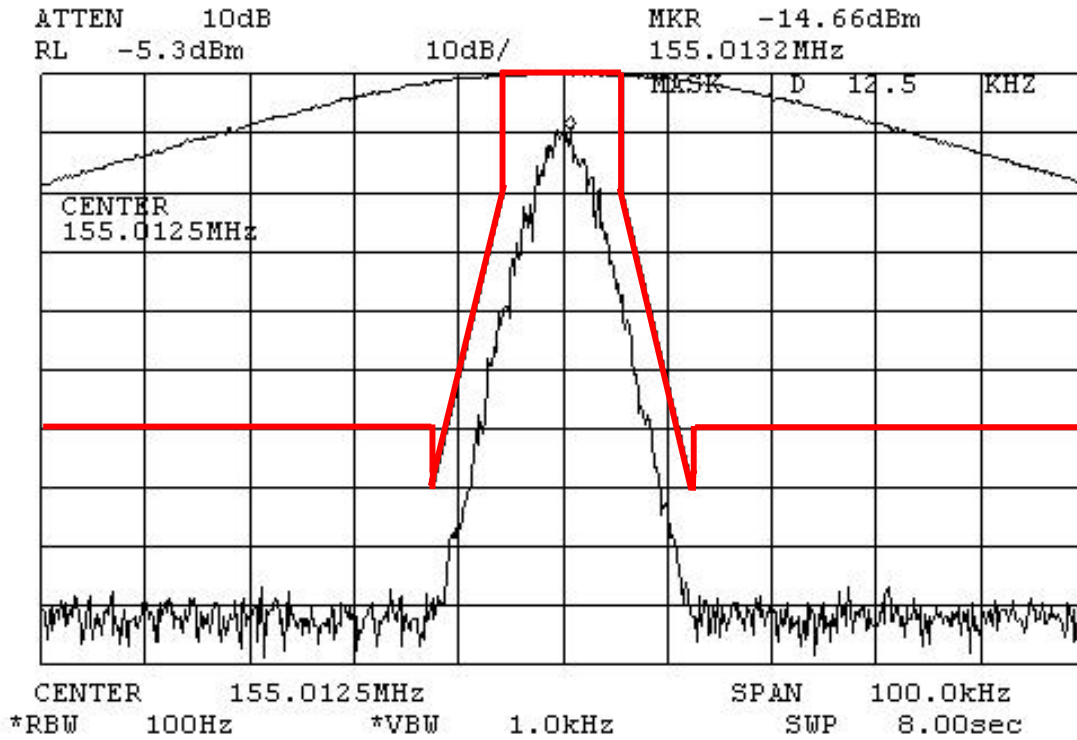
DIGITAL DATA
CHANNEL SPACING = 12.5 kHz

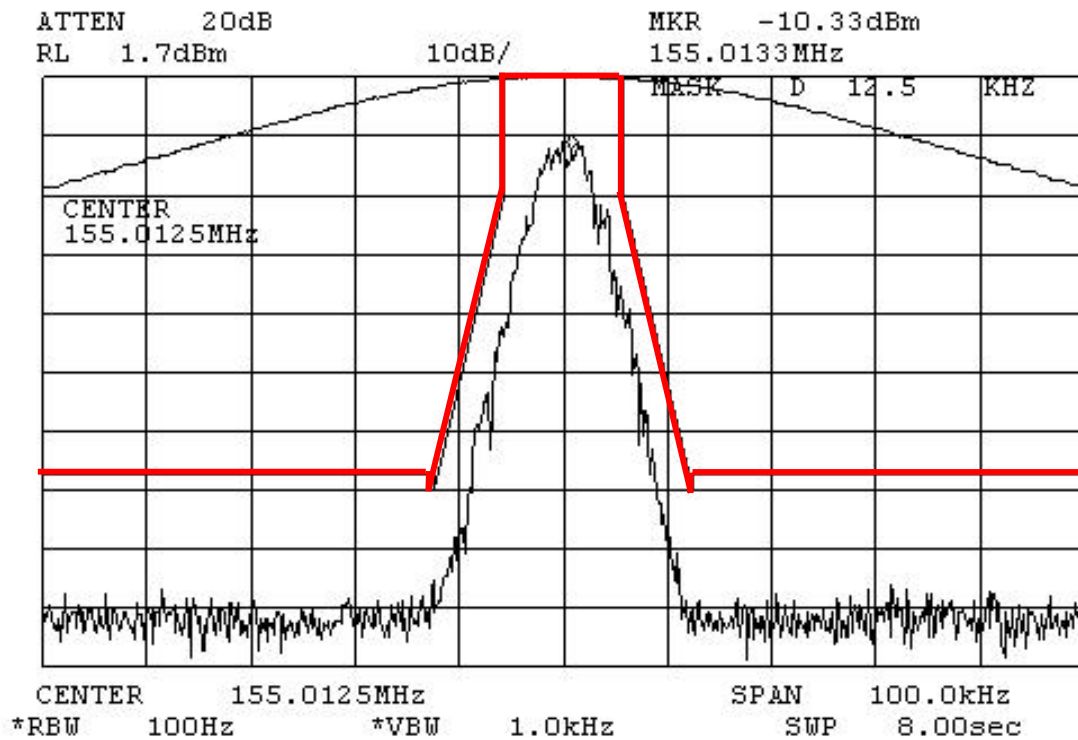
EXHIBIT 6E-4

OCCUPIED BANDWIDTH (EMISSION DESIGNATOR 8K10F1E)

FREQ = 155.0125 MHz
MASK D

MAX POWER SETTING

DIGITAL VOICE
CHANNEL SPACING = 12.5 kHz



OCCUPIED BANDWIDTH (EMISSION DESIGNATOR 8K10F1E)

FREQ = 155.0125 MHz
MASK D

MIN POWER SETTING

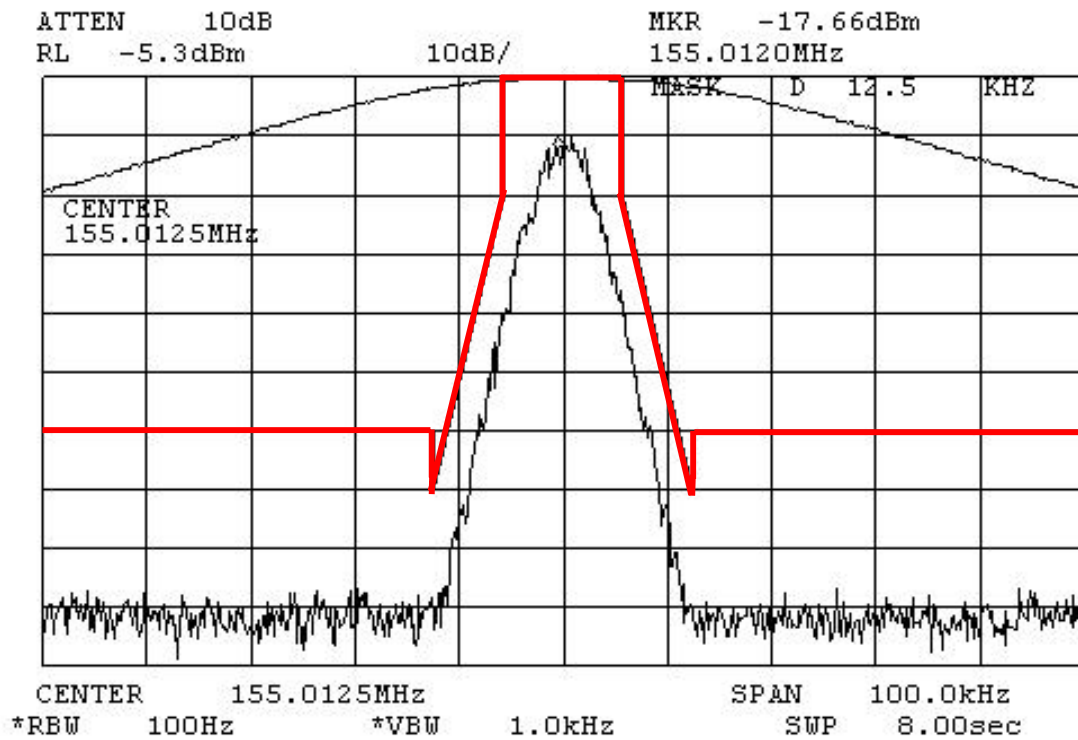
DIGITAL VOICE
CHANNEL SPACING = 12.5 kHz

EXHIBIT 6E-5

OCCUPIED BANDWIDTH (EMISSION DESIGNATOR 8K10F1E)

FREQ = 155.0125 MHz
MASK D

MAX POWER SETTING

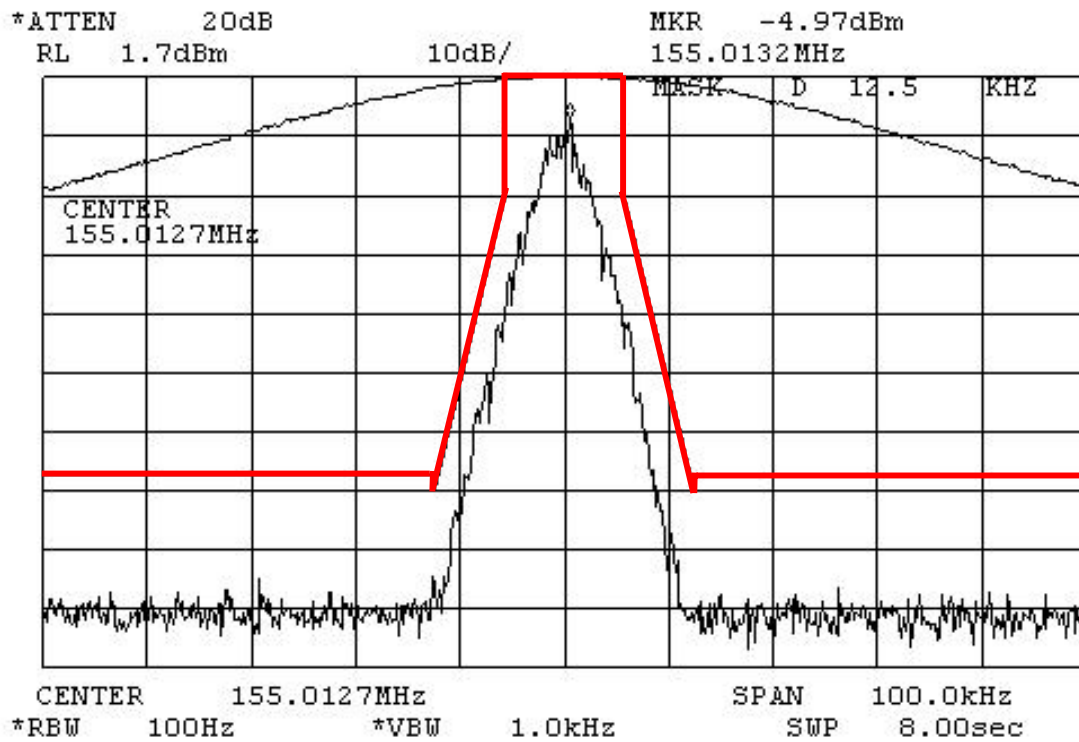
DIGITAL VOICE ENCRYPTION
CHANNEL SPACING = 12.5 kHz

EXHIBIT 6E-5

OCCUPIED BANDWIDTH (EMISSION DESIGNATOR 8K10F1E)

FREQ = 155.0125 MHz MIN POWER SETTING
MASK D

DIGITAL VOICE ENCRYPTION
CHANNEL SPACING = 12.5 kHz

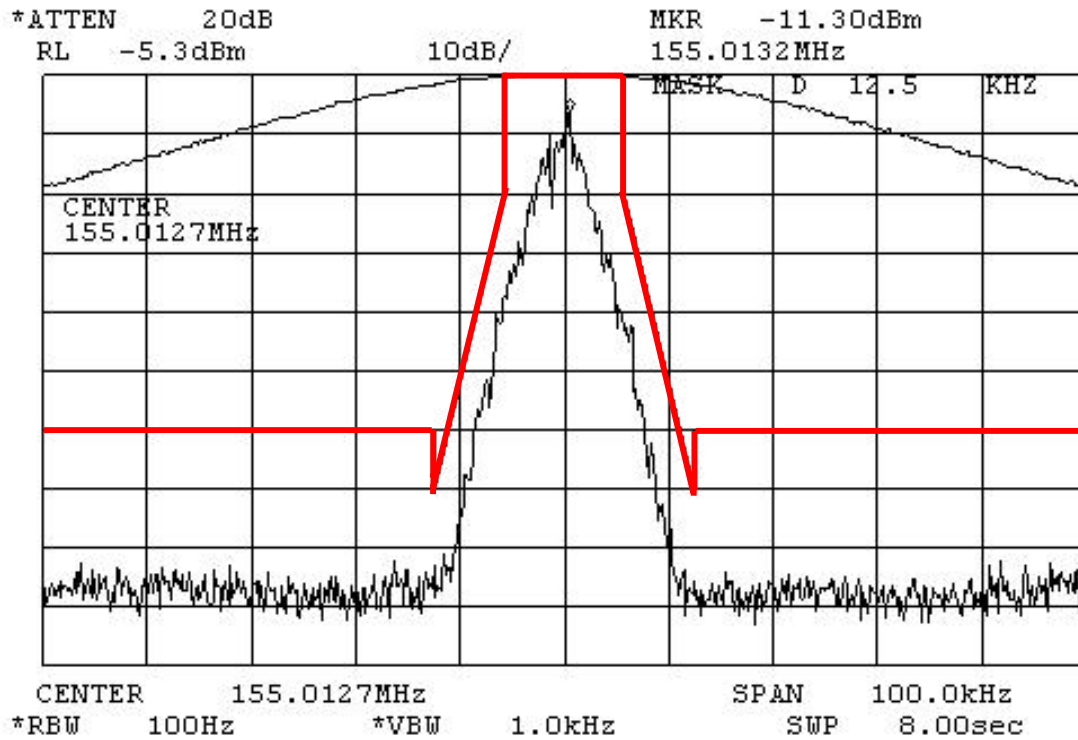


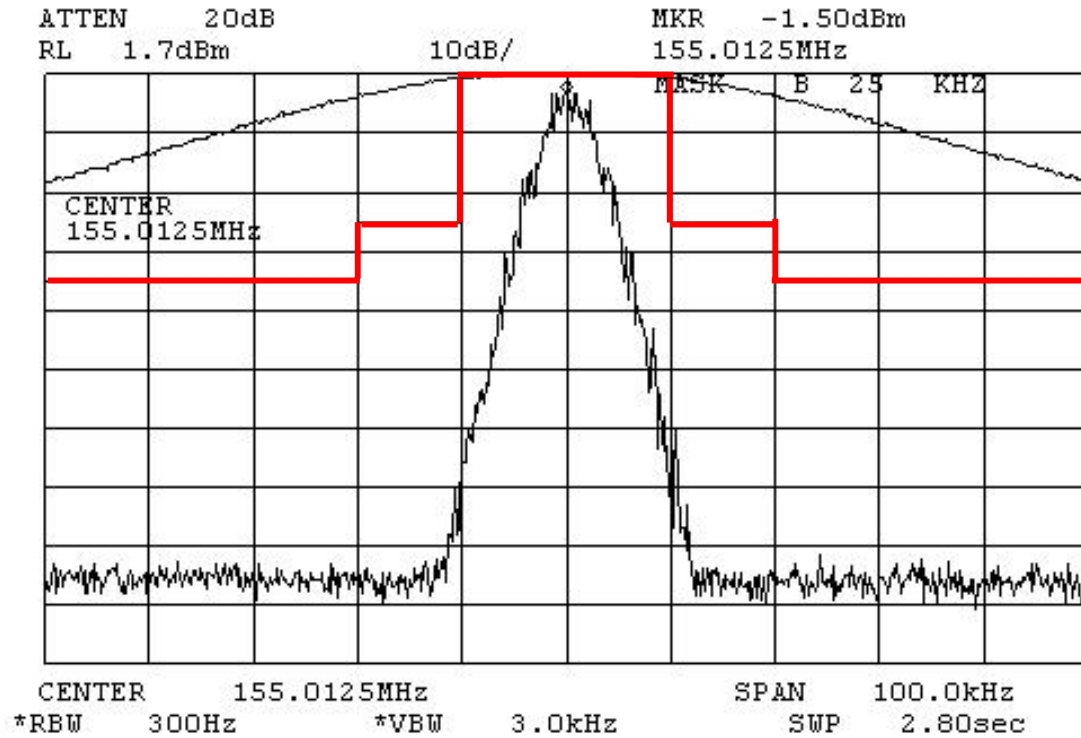
EXHIBIT 6E-6

OCCUPIED BANDWIDTH (EMISSION DESIGNATOR 20K0F1E)

FREQ = 155.0125 MHz
MASK B

MAX POWER SETTING

DIGITAL VOICE ENCRYPTION
CHANNEL SPACING = 20 kHz



OCCUPIED BANDWIDTH (EMISSION DESIGNATOR 20K0F1E)

FREQ = 155.0125 MHz
MASK B

MIN POWER SETTING

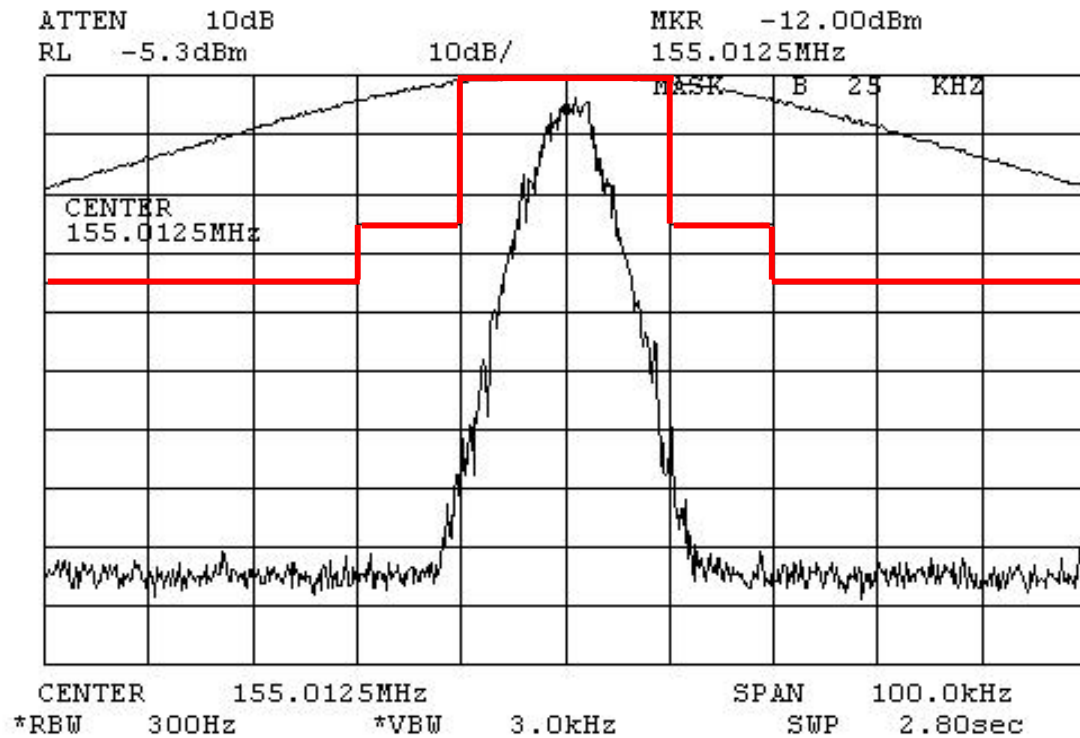
DIGITAL VOICE ENCRYPTION
CHANNEL SPACING = 20 kHz

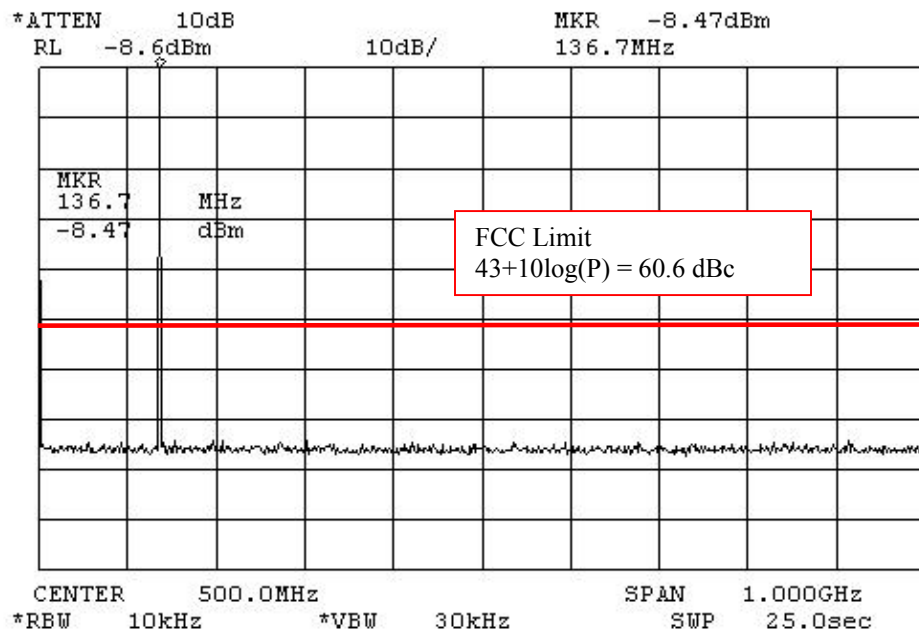
EXHIBIT 6F: CONDUCTED SPURIOUS EMISSIONS**CONDUCTED EMISSIONS 9KHz – 1GHz**

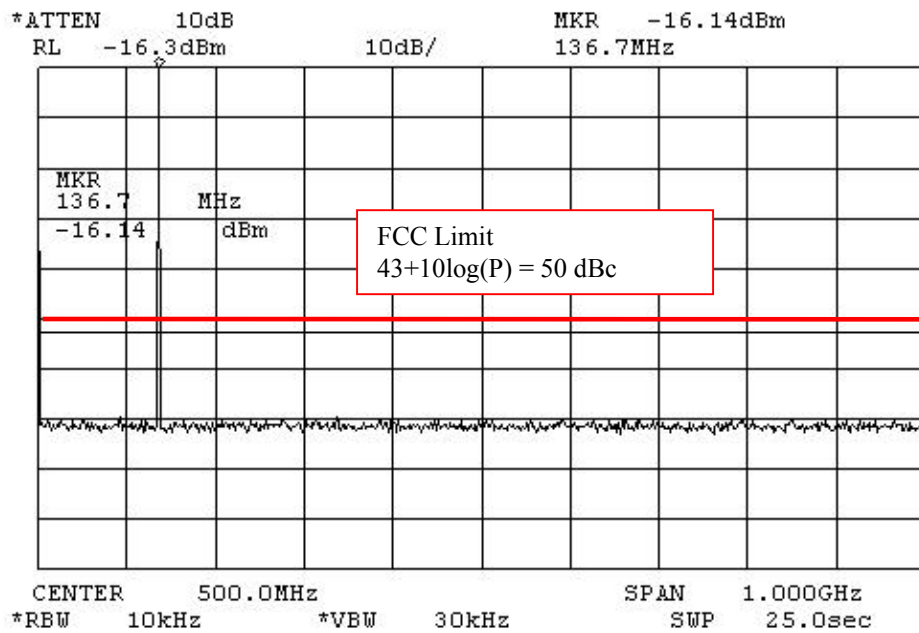
TX FREQ = 136.0125 MHz

MAX POWER SETING

ANALOG VOICE

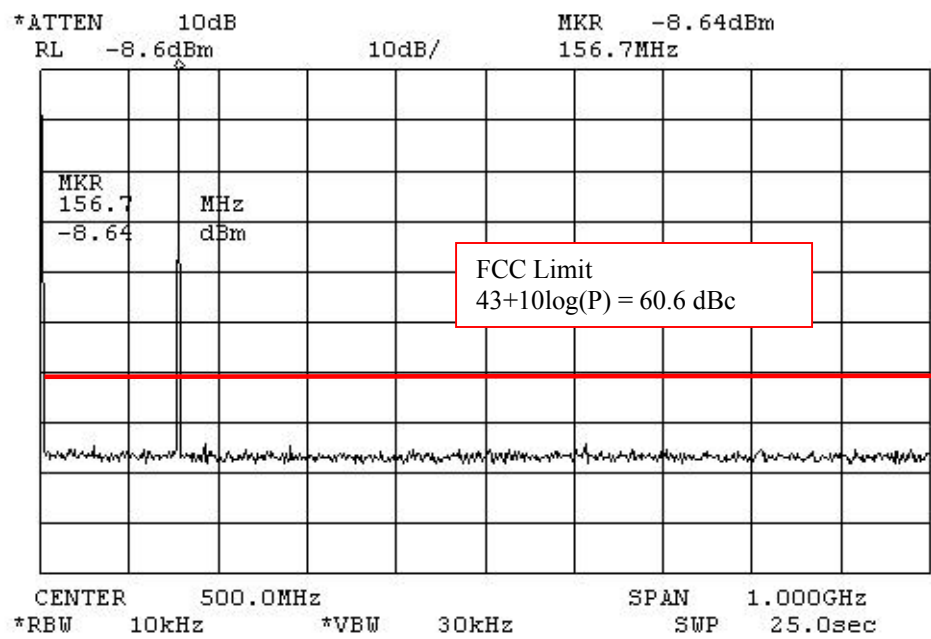
CHANNEL SPACING = 25 kHz

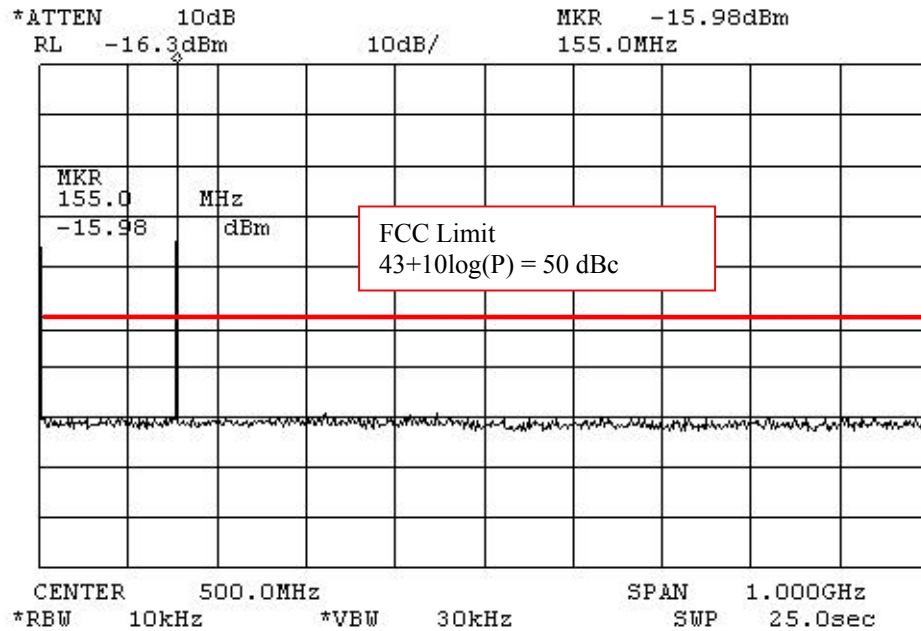


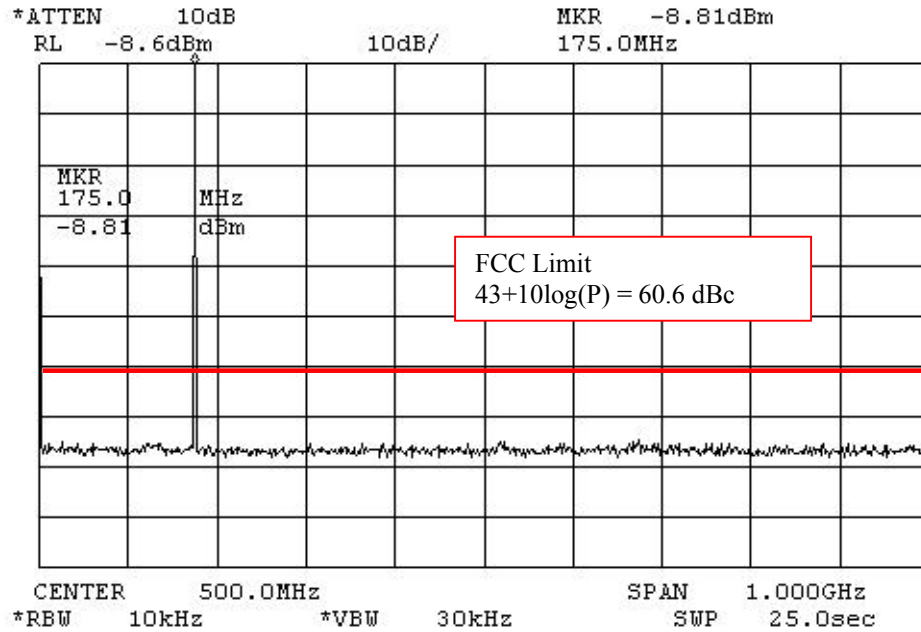
CONDUCTED EMISSIONS 9KHz – 1GHz**TX FREQ = 136.0125 MHz****MIN POWER SETING****ANALOG VOICE****CHANNEL SPACING = 25 kHz**

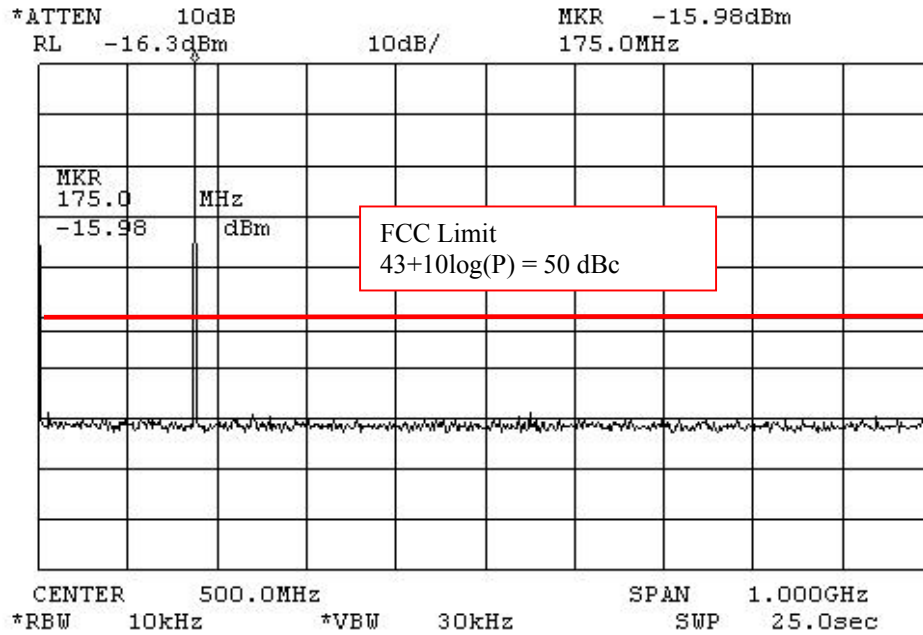
CONDUCTED EMISSIONS 9KHz – 1GHz

TX FREQ = 155.025 MHz MAX POWER SETING ANALOG VOICE
CHANNEL SPACING = 25 kHz



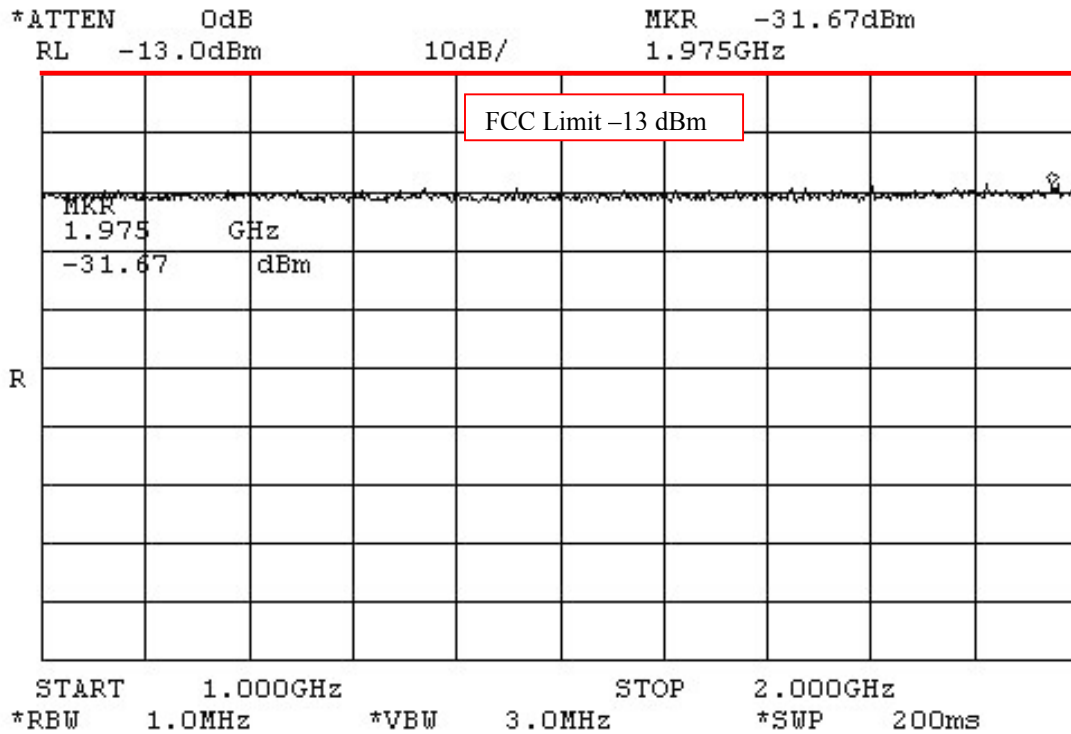
CONDUCTED EMISSIONS 9KHz – 1GHz**TX FREQ = 155.025 MHz****MIN POWER SETING****ANALOG VOICE****CHANNEL SPACING = 25 kHz**

CONDUCTED EMISSIONS 9KHz – 1GHz**TX FREQ = 173.925 MHz****MAX POWER SETING****ANALOG VOICE****CHANNEL SPACING = 25 kHz**

CONDUCTED EMISSIONS 9KHz – 1GHz**TX FREQ = 173.925 MHz****MIN POWER SETING****ANALOG VOICE****CHANNEL SPACING = 25 kHz**

CONDUCTED EMISSIONS 1GHz – 2GHz

TX FREQ = 136.0125 MHz MAX POWER SETING ANALOG VOICE
CHANNEL SPACING = 25 kHz



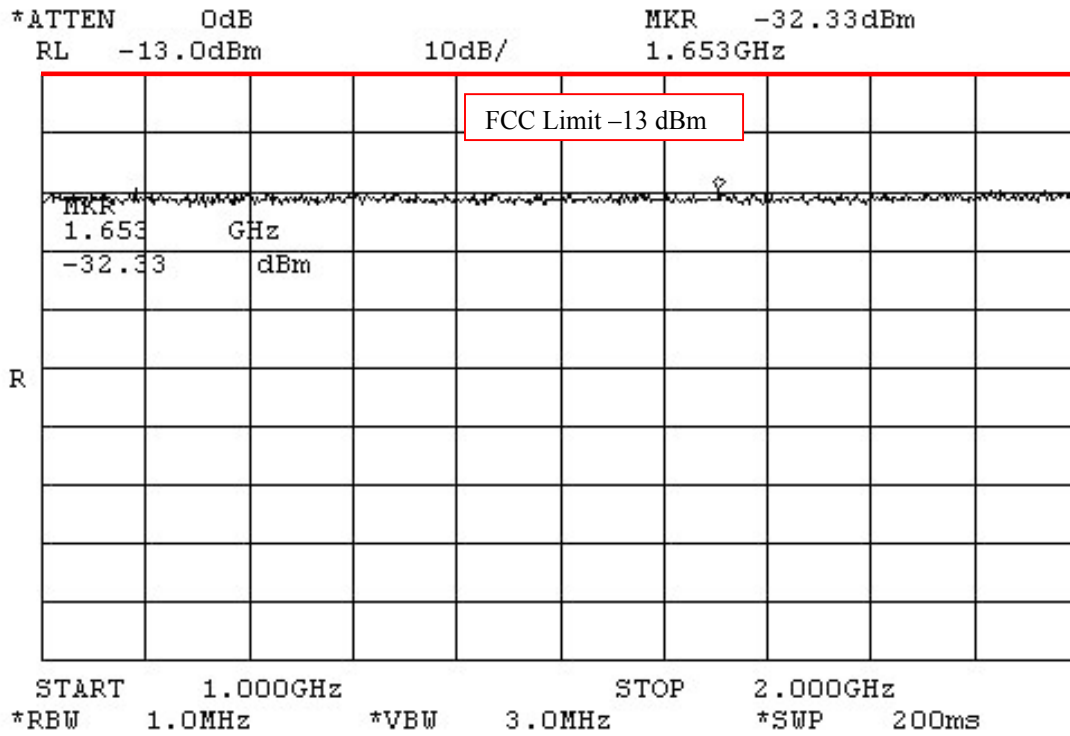
CONDUCTED EMISSIONS 1GHz – 2GHz

TX FREQ = 136.0125 MHz

MIN POWER SETING

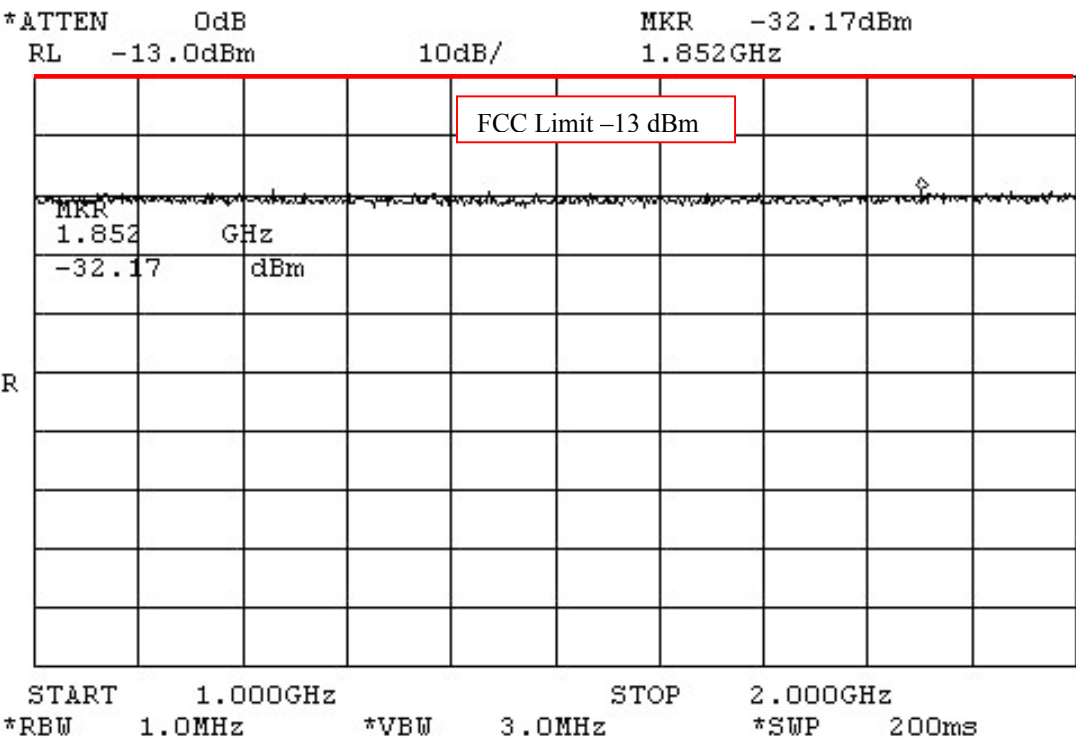
ANALOG VOICE

CHANNEL SPACING = 25 kHz



CONDUCTED EMISSIONS 1GHz – 2GHz

TX FREQ = 155.025 MHz MAX POWER SETING ANALOG VOICE
CHANNEL SPACING = 25 kHz



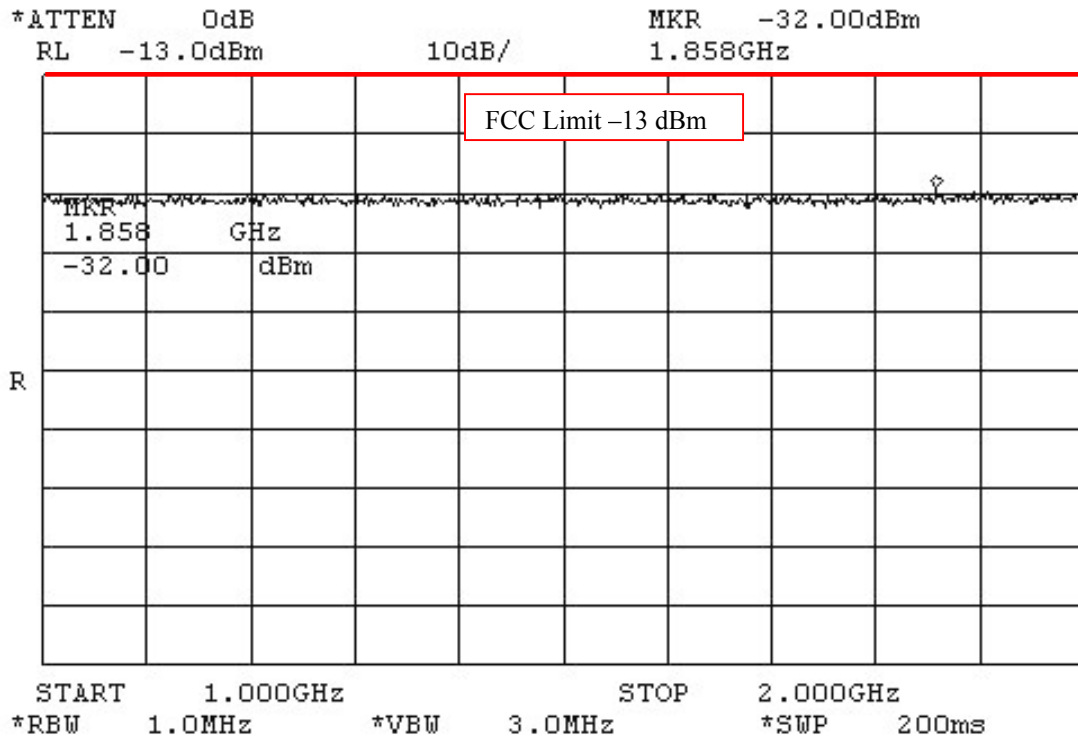
CONDUCTED EMISSIONS 1GHz – 2GHz

TX FREQ = 155.025 MHz

MIN POWER SETING

ANALOG VOICE

CHANNEL SPACING = 25 kHz



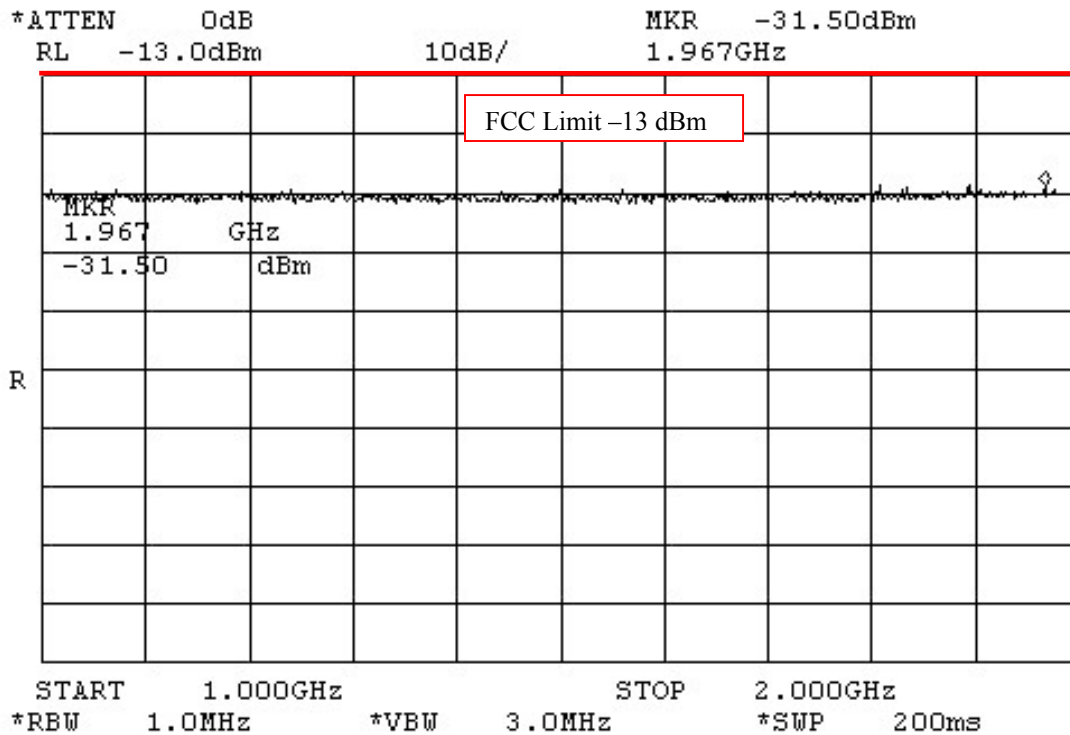
CONDUCTED EMISSIONS 1GHz – 2GHz

TX FREQ = 173.925 MHz

MAX POWER SETING

ANALOG VOICE

CHANNEL SPACING = 25 kHz



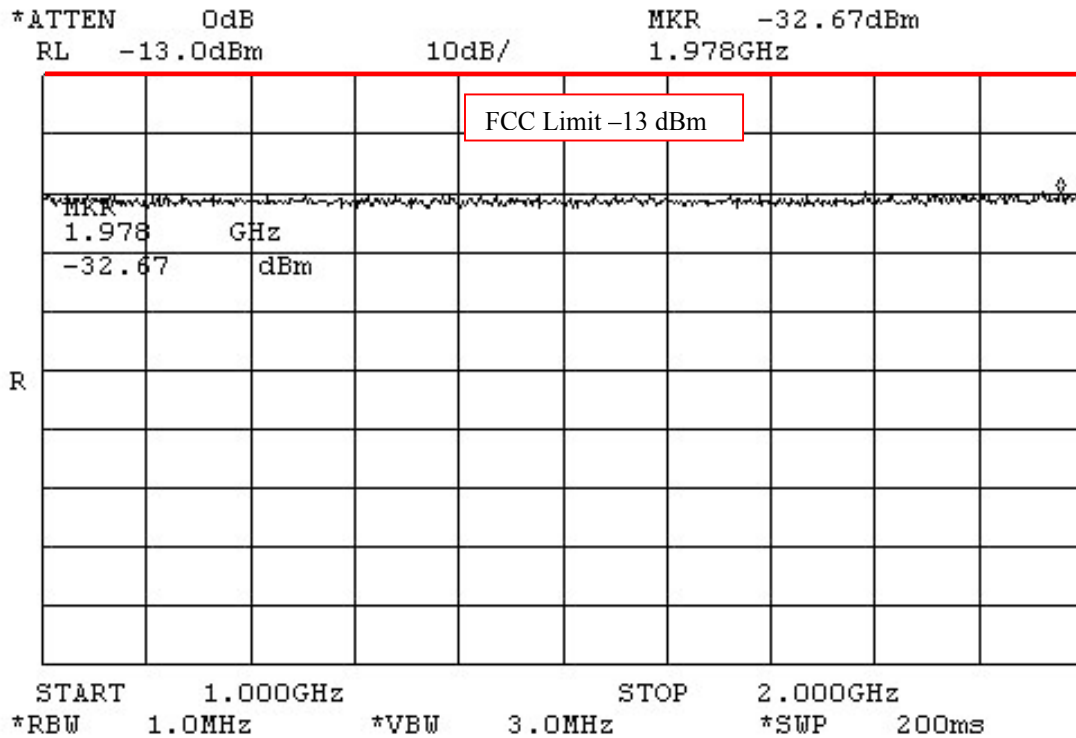
CONDUCTED EMISSIONS 1GHz – 2GHz

TX FREQ = 173.925 MHz

MIN POWER SETING

ANALOG VOICE

CHANNEL SPACING = 25 kHz



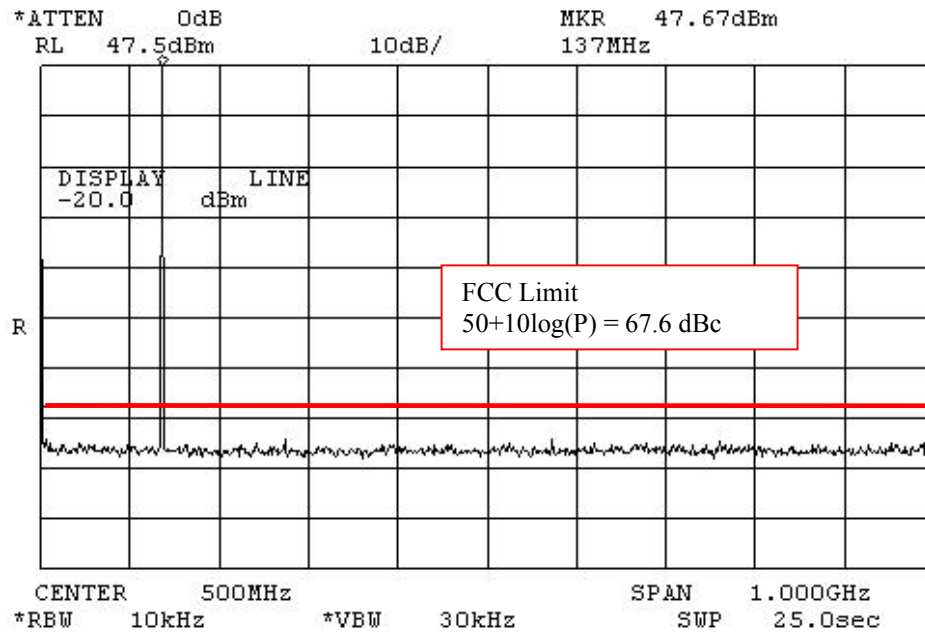
CONDUCTED EMISSIONS 9KHz – 1GHz

TX FREQ = 136.0125 MHz

MAX POWER SETING

DIGITAL DATA

CHANNEL SPACING = 12.5 kHz



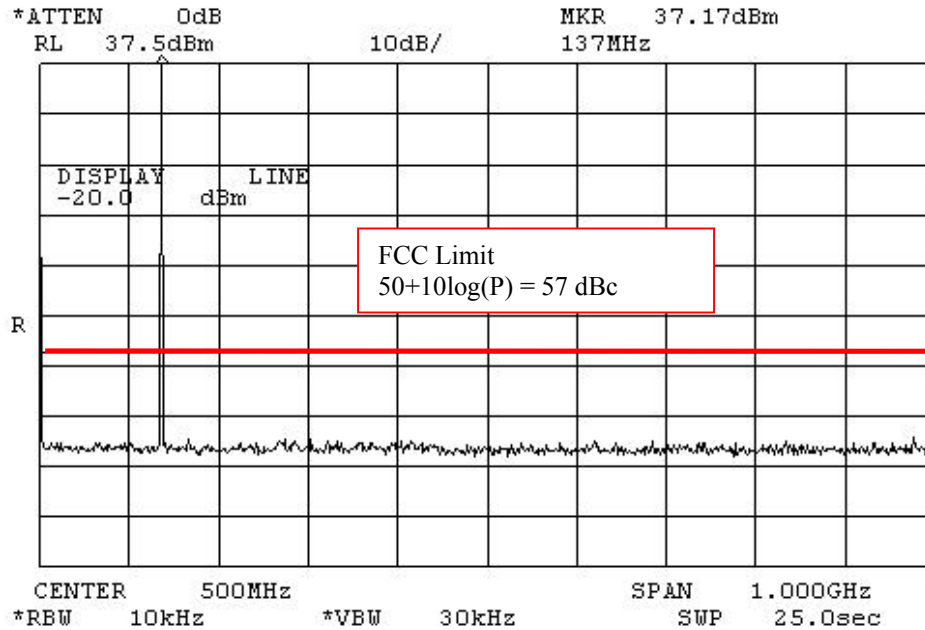
CONDUCTED EMISSIONS 9KHz – 1GHz

TX FREQ = 136.0125 MHz

MIN POWER SETING

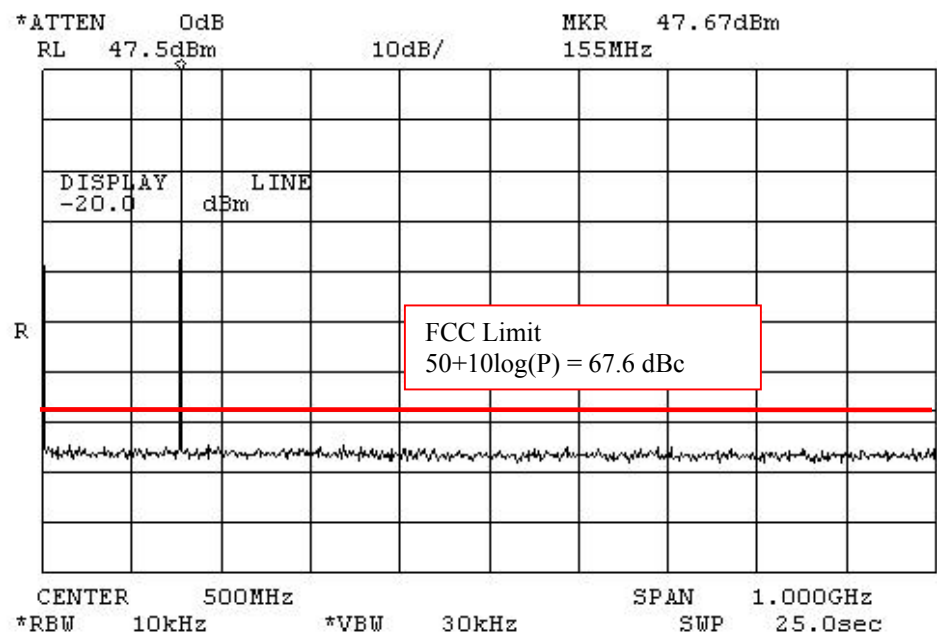
DIGITAL DATA

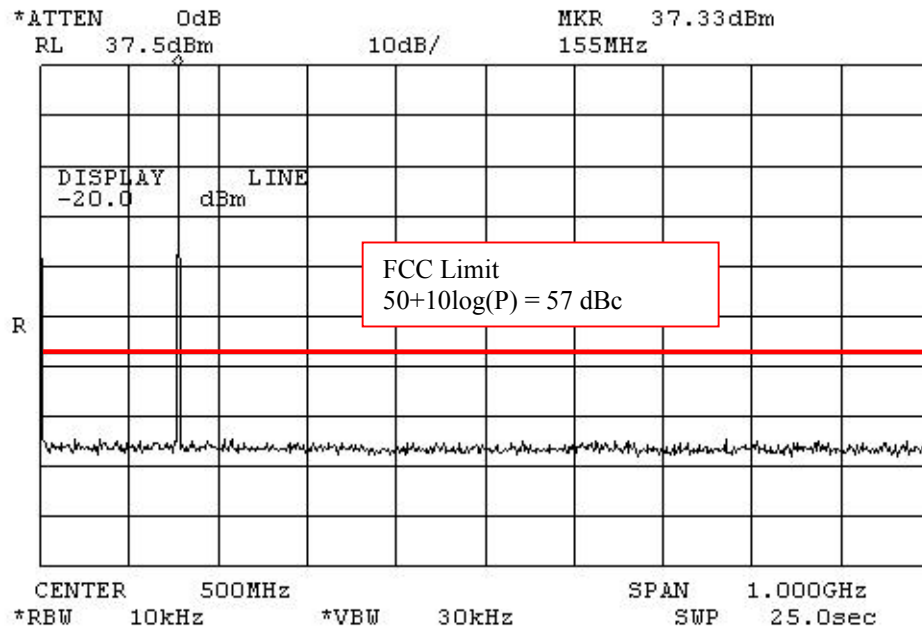
CHANNEL SPACING = 12.5 kHz

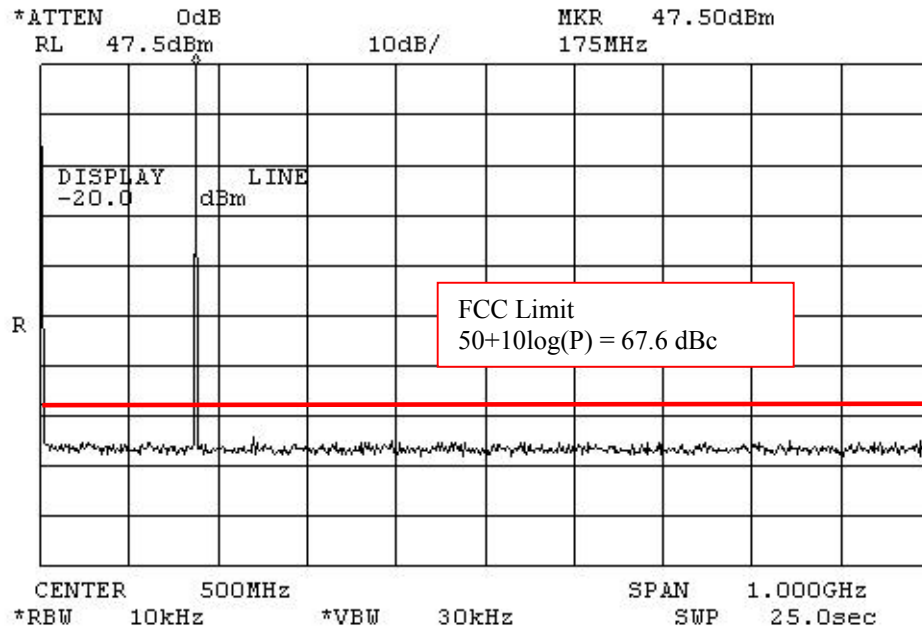


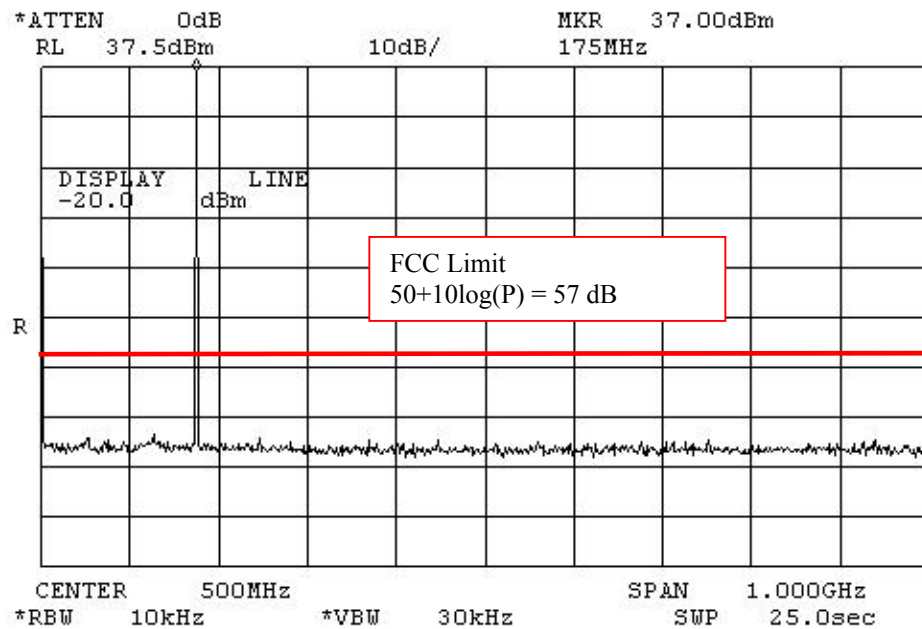
CONDUCTED EMISSIONS 9KHz – 1GHz

TX FREQ = 155.025 MHz MAX POWER SETING DIGITAL DATA
CHANNEL SPACING = 12.5 kHz



CONDUCTED EMISSIONS 9KHz – 1GHz**TX FREQ = 155.025 MHz****MIN POWER SETING****DIGITAL DATA****CHANNEL SPACING = 12.5 kHz**

CONDUCTED EMISSIONS 9KHz – 1GHz**TX FREQ = 173.925 MHz****MAX POWER SETING****DIGITAL DATA****CHANNEL SPACING = 12.5 kHz**

CONDUCTED EMISSIONS 9KHz – 1GHz**TX FREQ = 173.925 MHz****MIN POWER SETING****DIGITAL DATA****CHANNEL SPACING = 12.5 kHz**

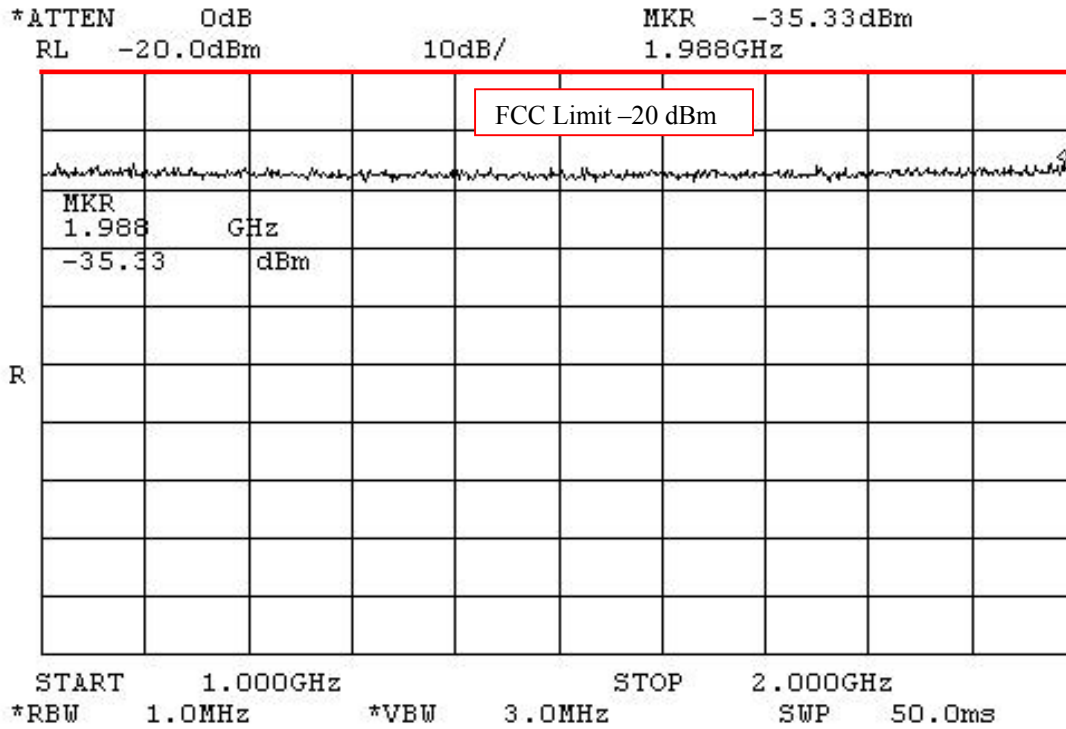
CONDUCTED EMISSIONS 1GHz – 2GHz

TX FREQ = 136.0125 MHz

MAX POWER SETING

DIGITAL DATA

CHANNEL SPACING = 12.5 kHz



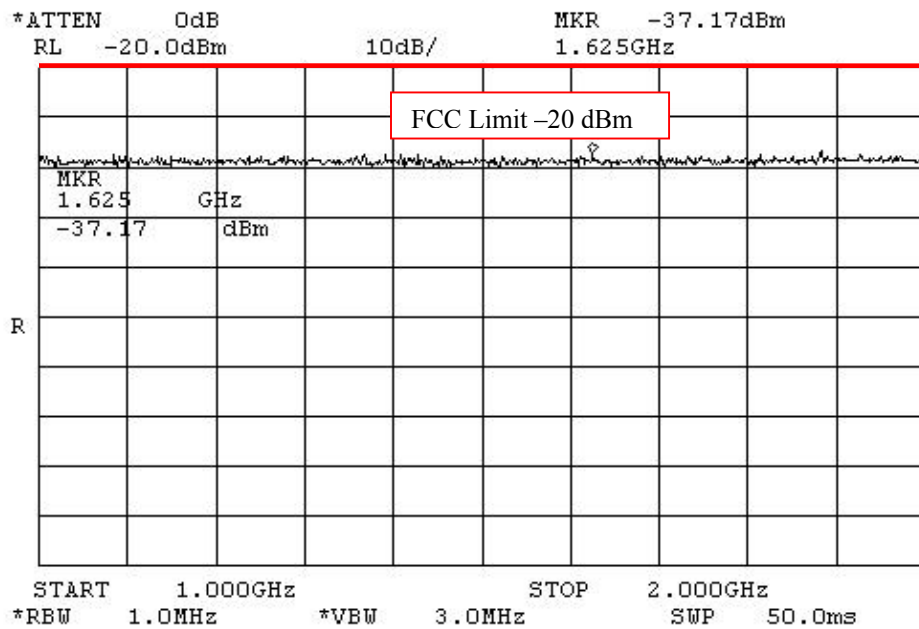
CONDUCTED EMISSIONS 1GHz – 2GHz

TX FREQ = 136.0125 MHz

MIN POWER SETING

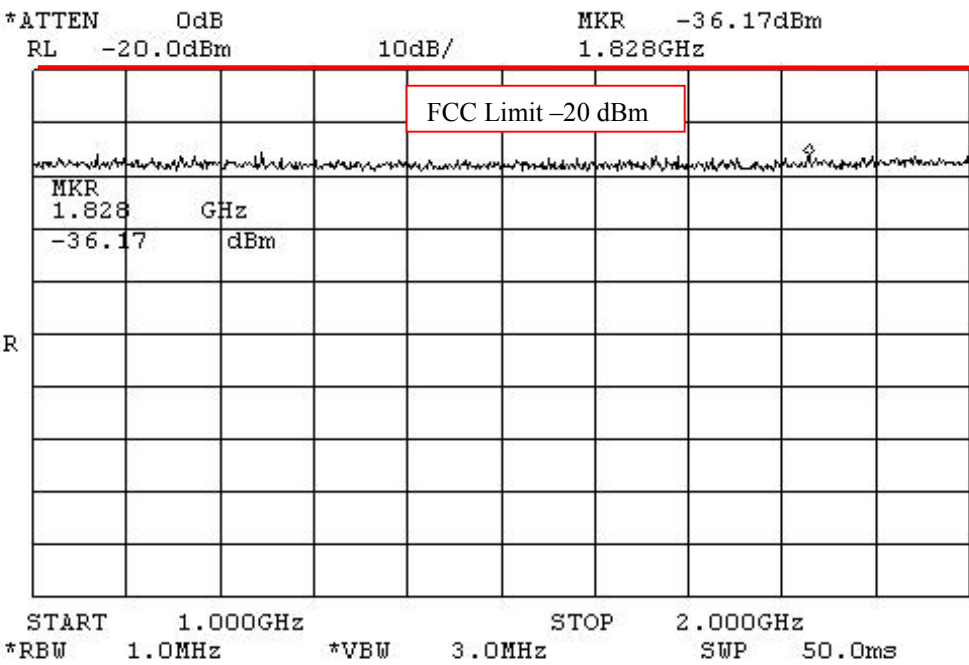
DIGITAL DATA

CHANNEL SPACING = 12.5 kHz



CONDUCTED EMISSIONS 1GHz – 2GHz

TX FREQ = 155.025 MHz MAX POWER SETING DIGITAL DATA
CHANNEL SPACING = 12.5 kHz



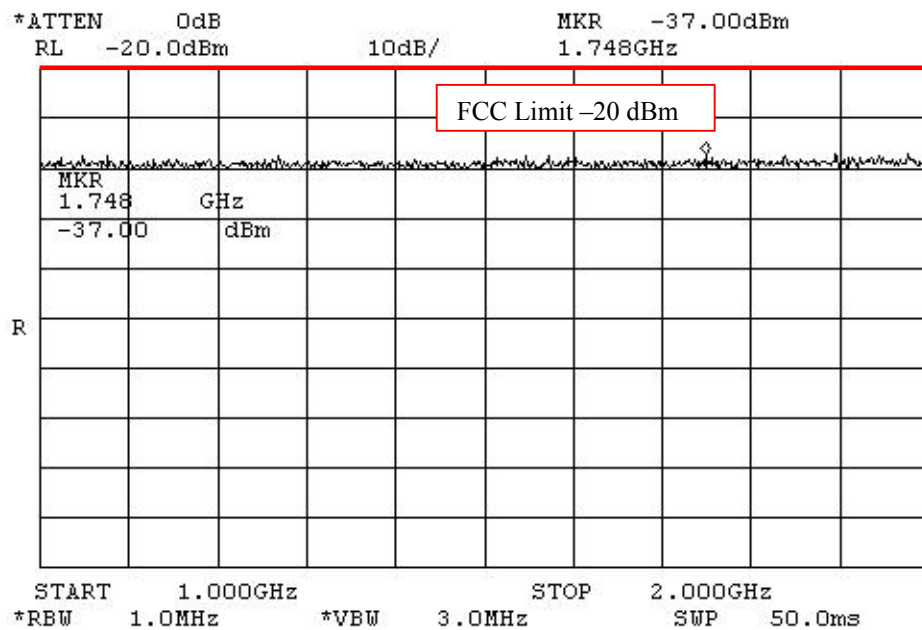
CONDUCTED EMISSIONS 1GHz – 2GHz

TX FREQ = 155.025 MHz

MIN POWER SETING

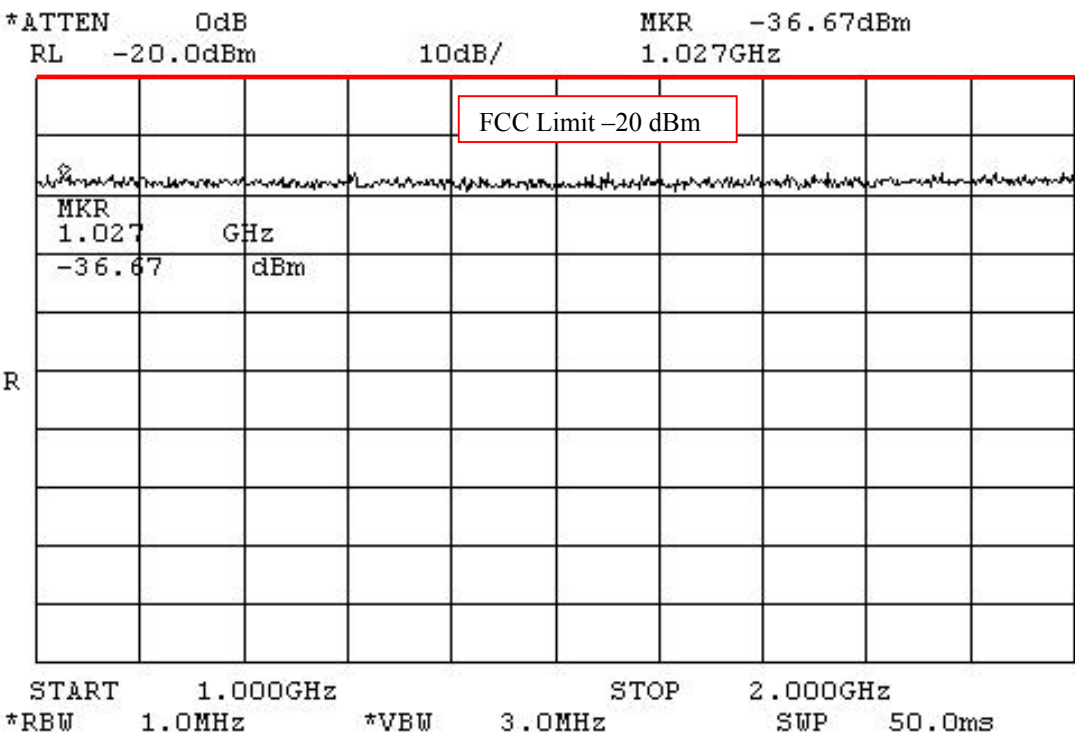
DIGITAL DATA

CHANNEL SPACING = 12.5 kHz



CONDUCTED EMISSIONS 1GHz – 2GHz

TX FREQ = 173.925 MHz MAX POWER SETING DIGITAL DATA
CHANNEL SPACING = 12.5 kHz



CONDUCTED EMISSIONS 1GHz – 2GHz

TX FREQ = 173.925 MHz MIN POWER SETING DIGITAL DATA
CHANNEL SPACING = 12.5 kHz

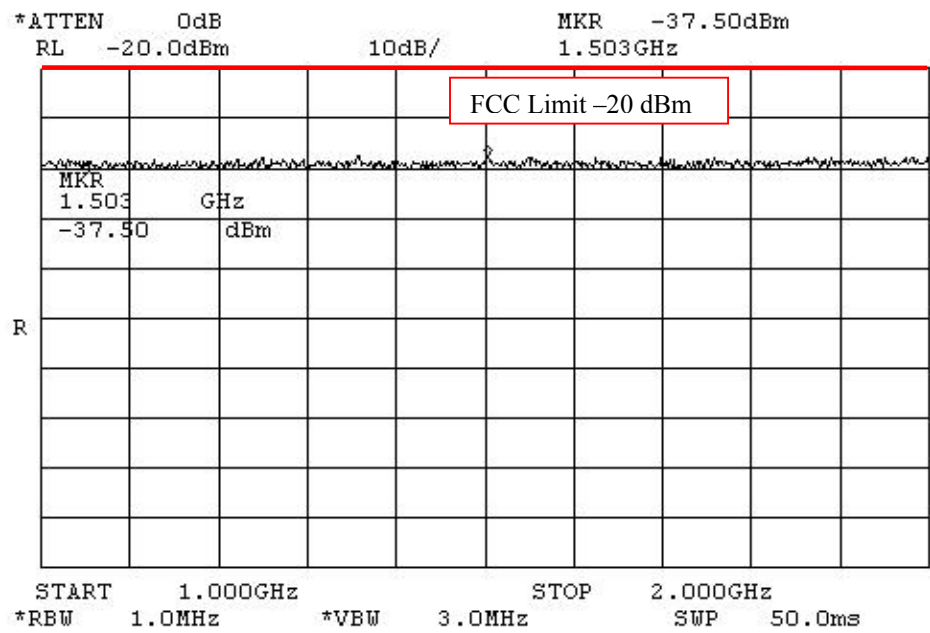
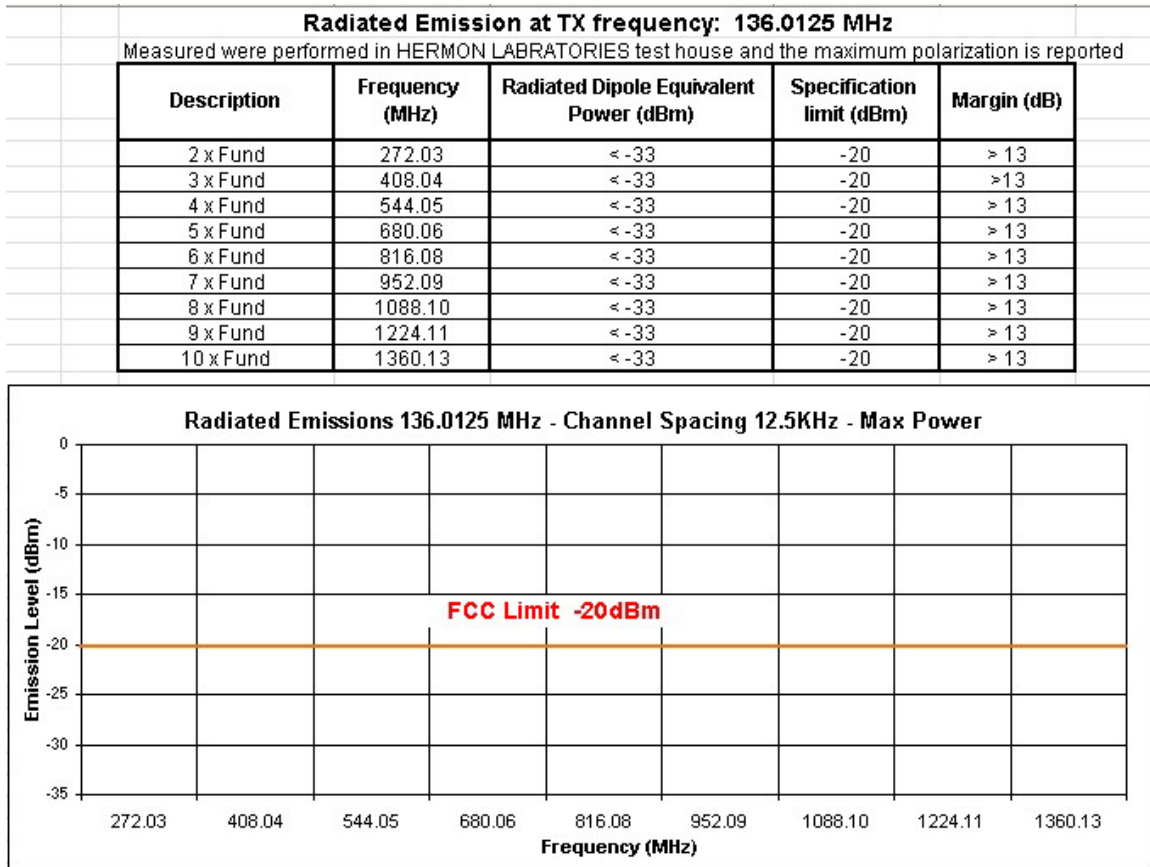
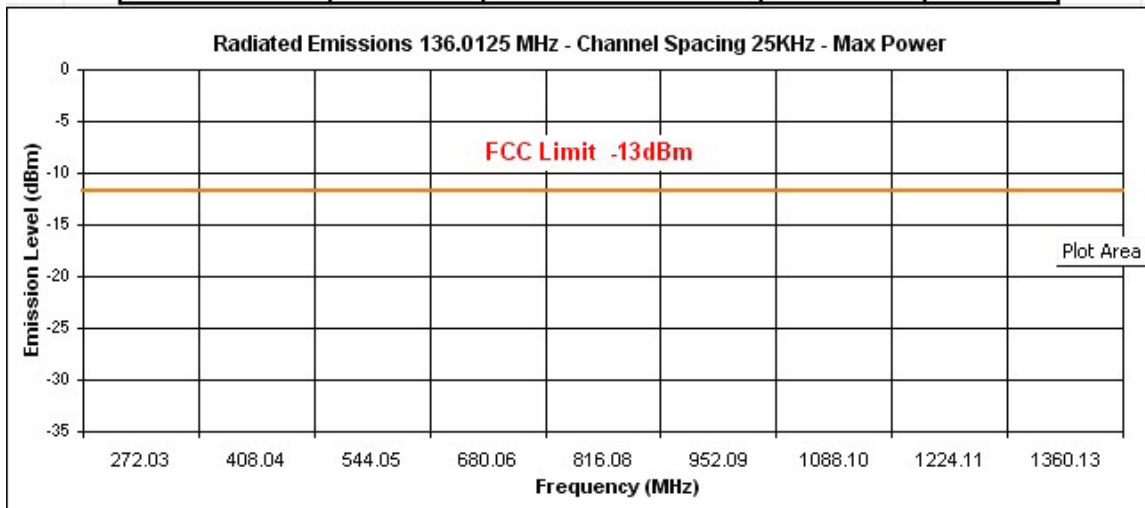


EXHIBIT 6F: RADIATED SPURIOUS EMISSIONS

Radiated Emission at TX frequency: 136.0125 MHz

Measured were performed in HERMON LABRATORIES test house and the maximum polarization is reported

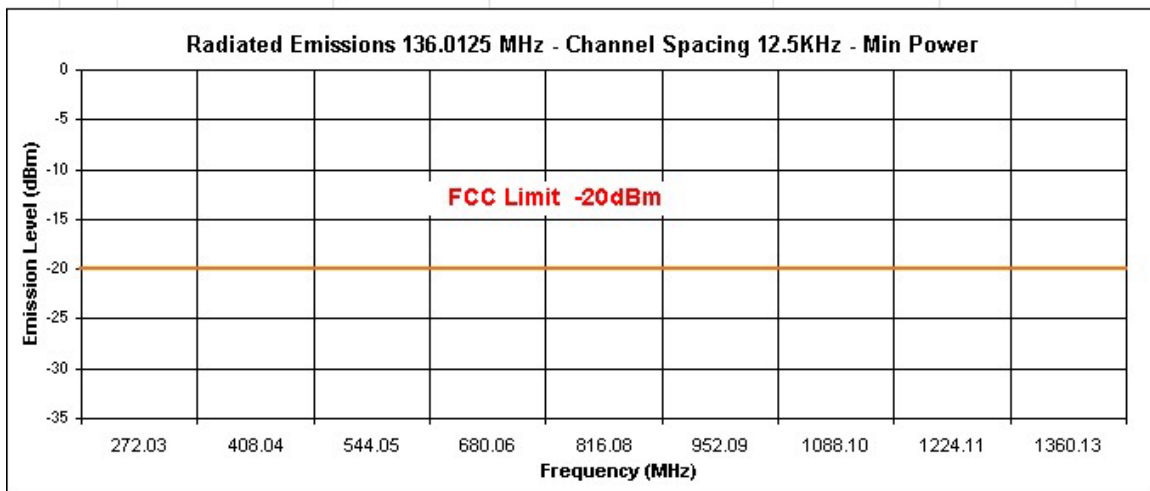
Description	Frequency (MHz)	Radiated Dipole Equivalent Power (dBm)	Specification limit (dBm)	Margin (dB)
2 x Fund	272.03	< -33	-13	> 20
3 x Fund	408.04	< -33	-13	> 20
4 x Fund	544.05	< -33	-13	> 20
5 x Fund	680.06	< -33	-13	> 20
6 x Fund	816.08	< -33	-13	> 20
7 x Fund	952.09	< -33	-13	> 20
8 x Fund	1088.10	< -33	-13	> 20
9 x Fund	1224.11	< -33	-13	> 20
10 x Fund	1360.13	< -33	-13	> 20



Radiated Emission at TX frequency: 136.0125 MHz

Measured were performed in HERMON LABRATORIES test house and the maximum polarization is reported

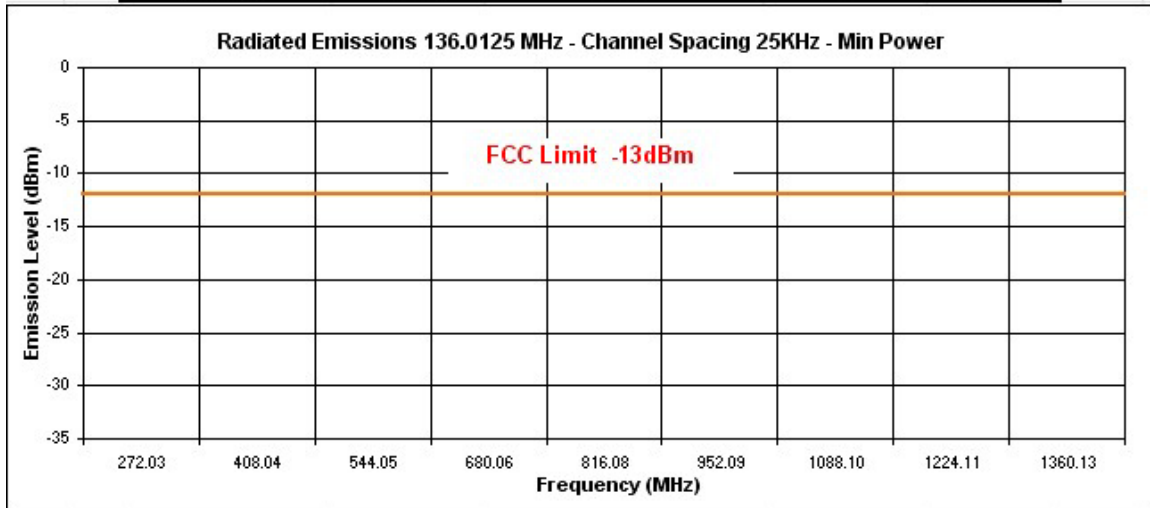
Description	Frequency (MHz)	Radiated Dipole Equivalent Power (dBm)	Specification limit (dBm)	Margin (dB)
2 x Fund	272.03	< -33	-20	> 13
3 x Fund	408.04	< -33	-20	> 13
4 x Fund	544.05	< -33	-20	> 13
5 x Fund	680.06	< -33	-20	> 13
6 x Fund	816.08	< -33	-20	> 13
7 x Fund	952.09	< -33	-20	> 13
8 x Fund	1088.10	< -33	-20	> 13
9 x Fund	1224.11	< -33	-20	> 13
10 x Fund	1360.13	< -33	-20	> 13



Radiated Emission at TX frequency: 136.0125 MHz

Measured were performed in HERMON LABRATORIES test house and the maximum polarization is reported

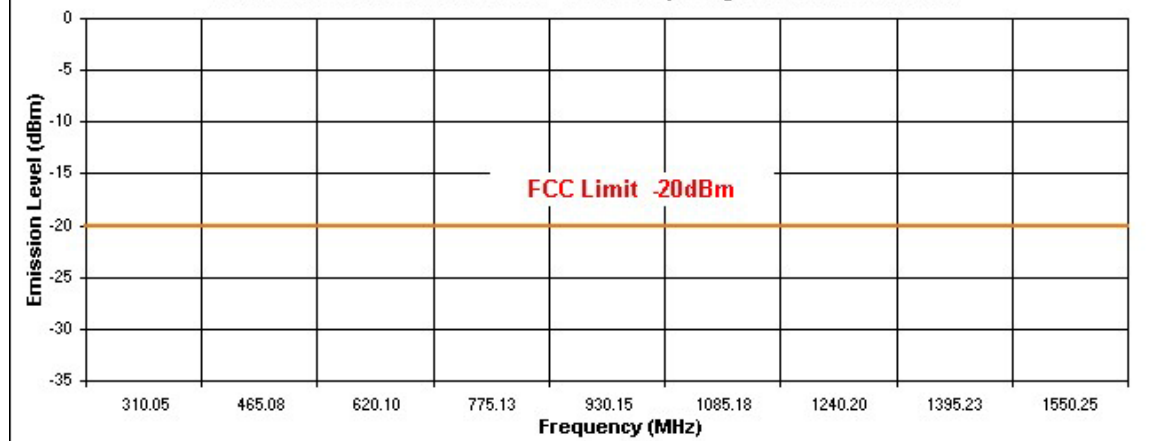
Description	Frequency (MHz)	Radiated Dipole Equivalent Power (dBm)	Specification limit (dBm)	Margin (dB)
2 x Fund	272.03	< -33	-13	> 20
3 x Fund	408.04	< -33	-13	> 20
4 x Fund	544.05	< -33	-13	> 20
5 x Fund	680.06	< -33	-13	> 20
6 x Fund	816.08	< -33	-13	> 20
7 x Fund	952.09	< -33	-13	> 20
8 x Fund	1088.10	< -33	-13	> 20
9 x Fund	1224.11	< -33	-13	> 20
10 x Fund	1360.13	< -33	-13	> 20



Radiated Emission at TX frequency: 155.0250 MHz

Measured were performed in HERMON LABORATORIES test house and the maximum polarization is reported

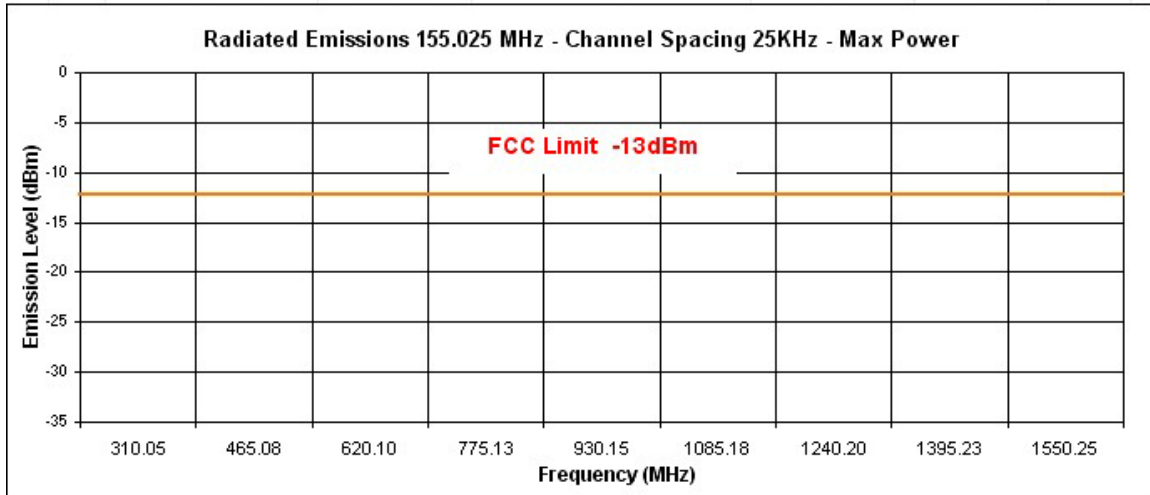
Description	Frequency (MHz)	Radiated Dipole Equivalent Power (dBm)	Specification limit (dBm)	Margin (dB)
2 x Fund	310.05	< -33	-20	> 13
3 x Fund	465.08	< -33	-20	> 13
4 x Fund	620.10	< -33	-20	> 13
5 x Fund	775.13	< -33	-20	> 13
6 x Fund	930.15	< -33	-20	> 13
7 x Fund	1085.18	< -33	-20	> 13
8 x Fund	1240.20	< -33	-20	> 13
9 x Fund	1395.23	< -33	-20	> 13
10 x Fund	1550.25	< -33	-20	> 13

Radiated Emissions 155.025 MHz - Channel Spacing 12.5KHz - Max Power

Radiated Emission at TX frequency: 155.0250 MHz

Measured were performed in HERMON LABRATORIES test house and the maximum polarization is reported

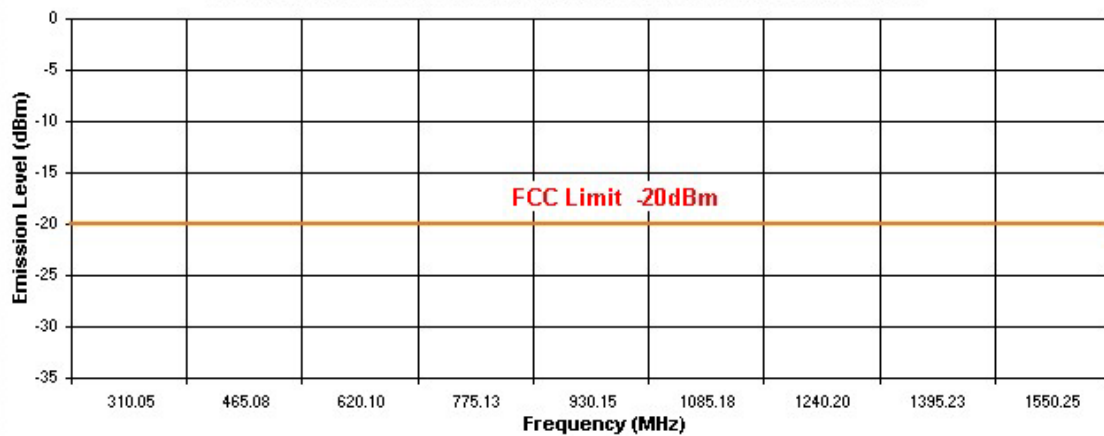
Description	Frequency (MHz)	Radiated Dipole Equivalent Power (dBm)	Specification limit (dBm)	Margin (dB)
2 x Fund	310.05	< -33	-13	> 20
3 x Fund	465.08	< -33	-13	> 20
4 x Fund	620.10	< -33	-13	> 20
5 x Fund	775.13	< -33	-13	> 20
6 x Fund	930.15	< -33	-13	> 20
7 x Fund	1085.18	< -33	-13	> 20
8 x Fund	1240.20	< -33	-13	> 20
9 x Fund	1395.23	< -33	-13	> 20
10 x Fund	1550.25	< -33	-13	> 20



Radiated Emission at TX frequency: 155.0250 MHz

Measured were performed in HERMON LABRATORIES test house and the maximum polarization is reported

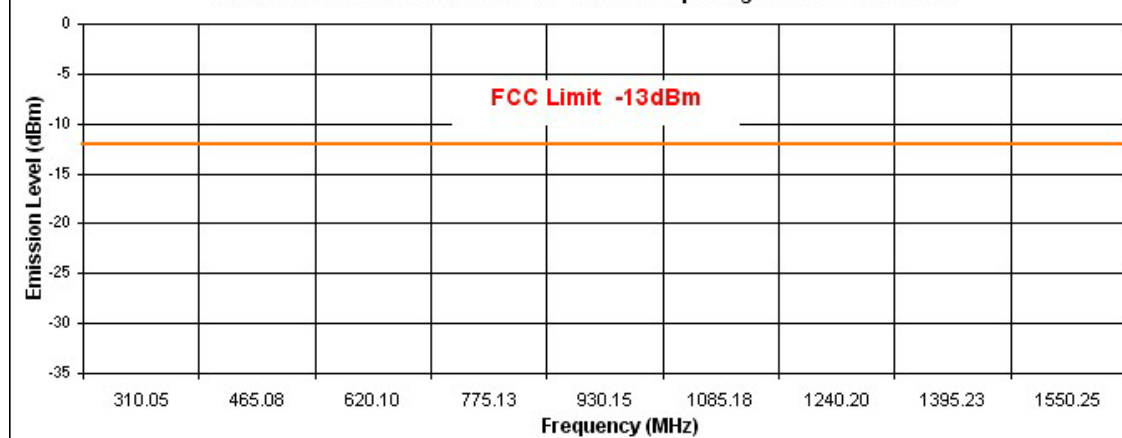
Description	Frequency (MHz)	Radiated Dipole Equivalent Power (dBm)	Specification limit (dBm)	Margin (dB)
2 x Fund	310.05	< -33	-20	> 13
3 x Fund	465.08	< -33	-20	> 13
4 x Fund	620.10	< -33	-20	> 13
5 x Fund	775.13	< -33	-20	> 13
6 x Fund	930.15	< -33	-20	> 13
7 x Fund	1085.18	< -33	-20	> 13
8 x Fund	1240.20	< -33	-20	> 13
9 x Fund	1395.23	< -33	-20	> 13
10 x Fund	1550.25	< -33	-20	> 13

Radiated Emissions 155.025 MHz - Channel Spacing 12.5KHz - Min Power

Radiated Emission at TX frequency: 155.0250 MHz

Measured were performed in HERMON LABRATORIES test house and the maximum polarization is reported

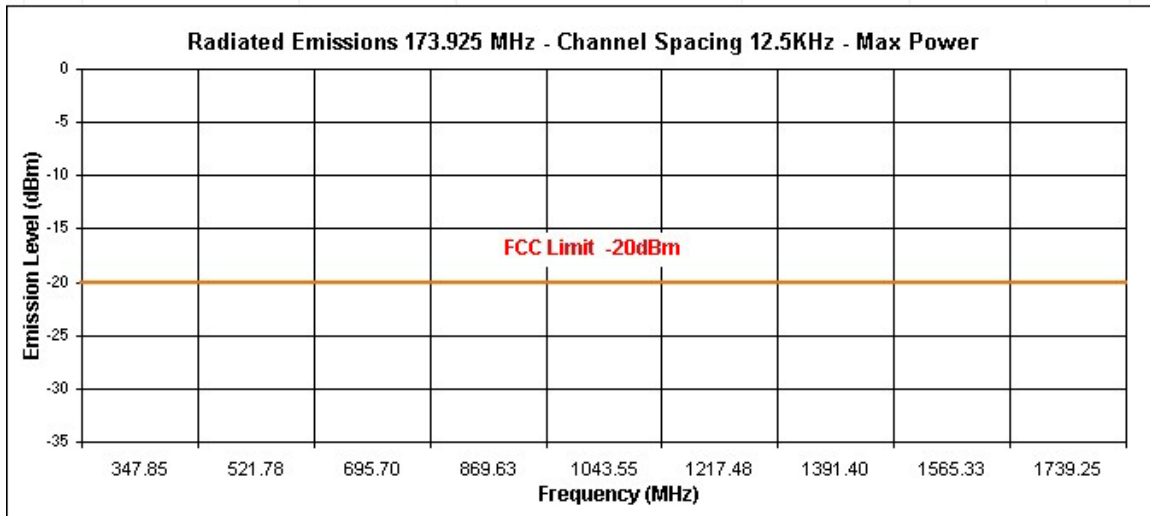
Description	Frequency (MHz)	Radiated Dipole Equivalent Power (dBm)	Specification limit (dBm)	Margin (dB)
2 x Fund	310.05	< -33	-13	> 20
3 x Fund	465.08	< -33	-13	> 20
4 x Fund	620.10	< -33	-13	> 20
5 x Fund	775.13	< -33	-13	> 20
6 x Fund	930.15	< -33	-13	> 20
7 x Fund	1085.18	< -33	-13	> 20
8 x Fund	1240.20	< -33	-13	> 20
9 x Fund	1395.23	< -33	-13	> 20
10 x Fund	1550.25	< -33	-13	> 20

Radiated Emissions 155.025 MHz - Channel Spacing 25KHz - Min Power

Radiated Emission at TX frequency: 173.9250 MHz

Measured were performed in HERMON LABRATORIES test house and the maximum polarization is reported

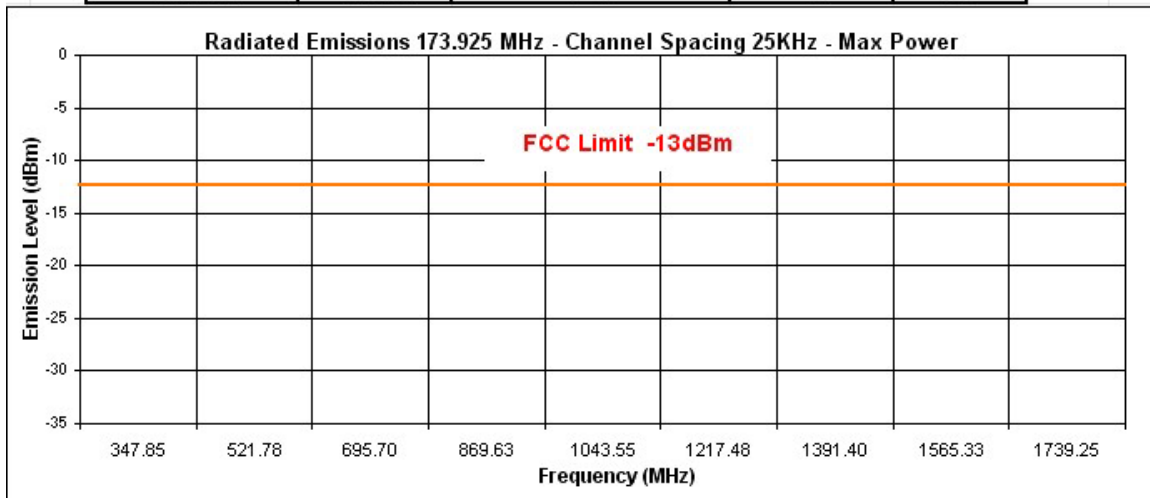
Description	Frequency (MHz)	Radiated Dipole Equivalent Power (dBm)	Specification limit (dBm)	Margin (dB)
2 x Fund	347.85	< -33	-20	> 13
3 x Fund	521.78	< -33	-20	> 13
4 x Fund	695.70	< -33	-20	> 13
5 x Fund	869.63	< -33	-20	> 13
6 x Fund	1043.55	< -33	-20	> 13
7 x Fund	1217.48	< -33	-20	> 13
8 x Fund	1391.40	< -33	-20	> 13
9 x Fund	1565.33	< -33	-20	> 13
10 x Fund	1739.25	< -33	-20	> 13



Radiated Emission at TX frequency: 173.9250 MHz

Measured were performed in HERMON LABRATORIES test house and the maximum polarization is reported

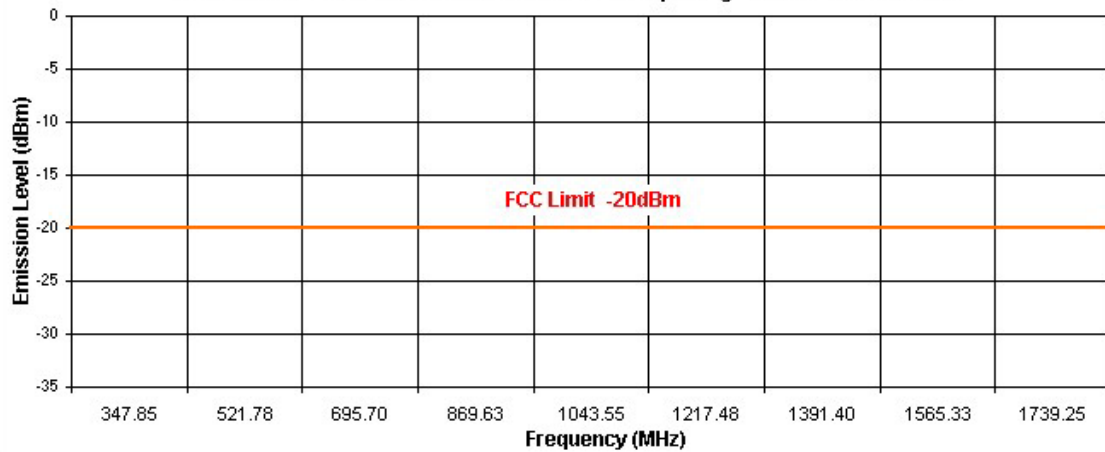
Description	Frequency (MHz)	Radiated Dipole Equivalent Power (dBm)	Specification limit (dBm)	Margin (dB)
2 x Fund	347.85	< -33	-13	> 20
3 x Fund	521.78	< -33	-13	> 20
4 x Fund	695.70	< -33	-13	> 20
5 x Fund	869.63	< -33	-13	> 20
6 x Fund	1043.55	< -33	-13	> 20
7 x Fund	1217.48	< -33	-13	> 20
8 x Fund	1391.40	< -33	-13	> 20
9 x Fund	1565.33	< -33	-13	> 20
10 x Fund	1739.25	< -33	-13	> 20



Radiated Emission at TX frequency: 173.9250 MHz

Measured were performed in HERMON LABRATORIES test house and the maximum polarization is reported

Description	Frequency (MHz)	Radiated Dipole Equivalent Power (dBm)	Specification limit (dBm)	Margin (dB)
2 x Fund	347.85	< -33	-20	> 13
3 x Fund	521.78	< -33	-20	> 13
4 x Fund	695.70	< -33	-20	> 13
5 x Fund	869.63	< -33	-20	> 13
6 x Fund	1043.55	< -33	-20	> 13
7 x Fund	1217.48	< -33	-20	> 13
8 x Fund	1391.40	< -33	-20	> 13
9 x Fund	1565.33	< -33	-20	> 13
10 x Fund	1739.25	< -33	-20	> 13

Radiated Emissions 173.925 MHz - Channel Spacing 12.5KHz - Min Power

Radiated Emission at TX frequency: 173.9250 MHz

Measured were performed in HERMON LABRATORIES test house and the maximum polarization is reported

Description	Frequency (MHz)	Radiated Dipole Equivalent Power (dBm)	Specification limit (dBm)	Margin (dB)
2 x Fund	347.85	< -33	-13	> 20
3 x Fund	521.78	< -33	-13	> 20
4 x Fund	695.70	< -33	-13	> 20
5 x Fund	869.63	< -33	-13	> 20
6 x Fund	1043.55	< -33	-13	> 20
7 x Fund	1217.48	< -33	-13	> 20
8 x Fund	1391.40	< -33	-13	> 20
9 x Fund	1565.33	< -33	-13	> 20
10 x Fund	1739.25	< -33	-13	> 20

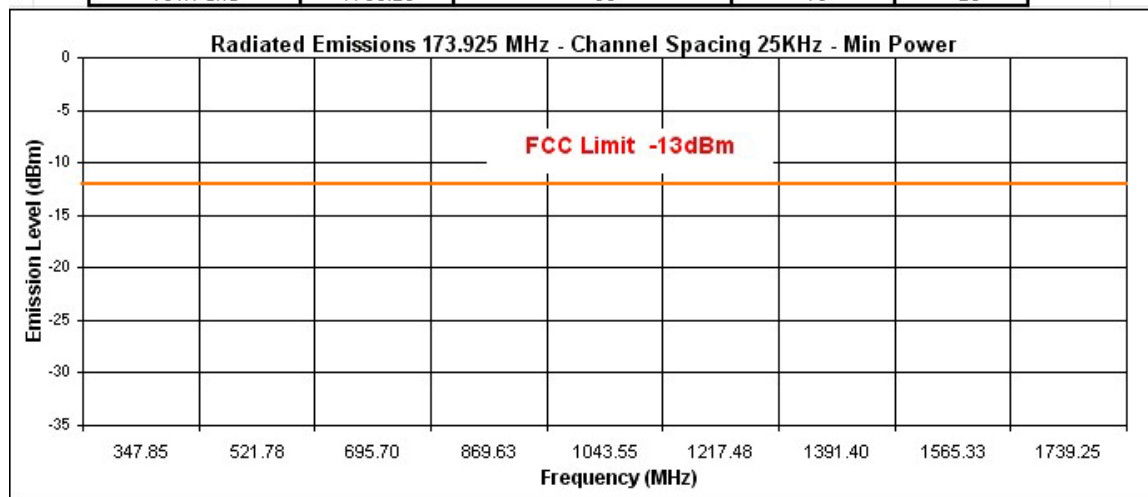


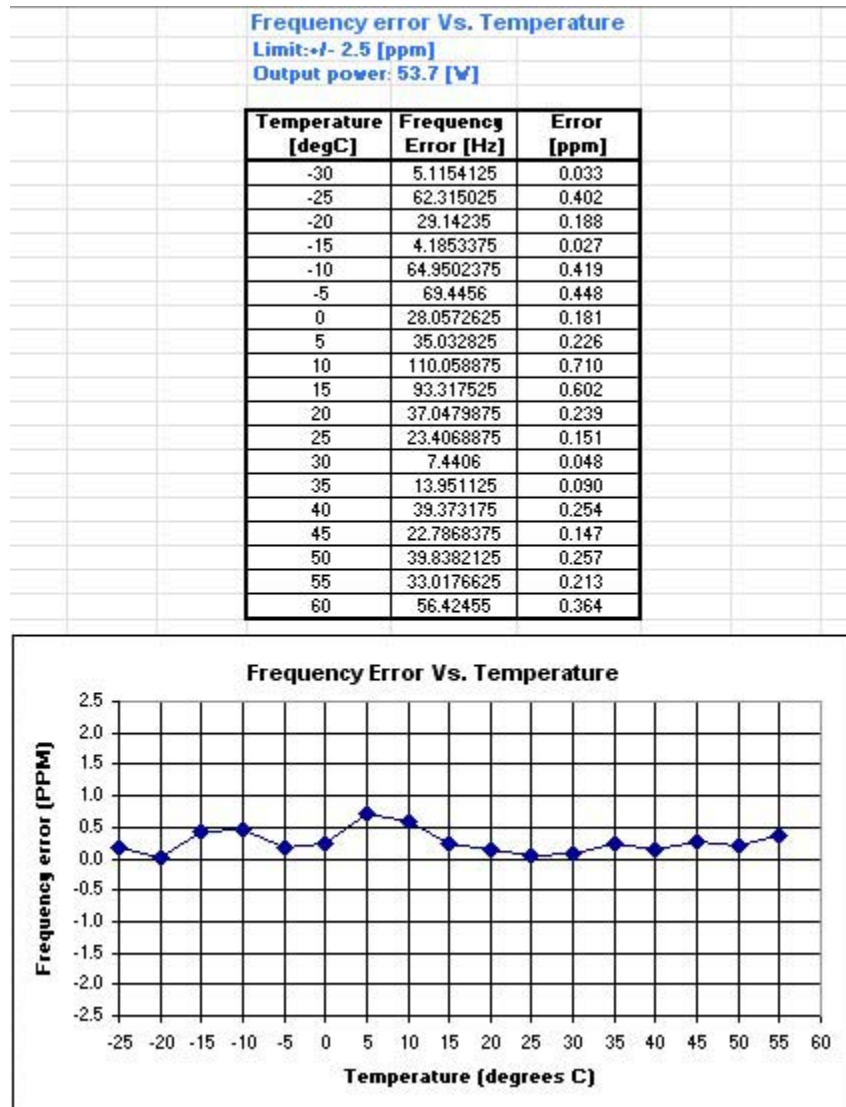
EXHIBIT 6H: FREQUENCY STABILITY**EXHIBIT 6H-1 FREQUENCY STABILITY Vs. TEMPERATURE**

EXHIBIT 6H-2 FREQUENCY STABILITY Vs. SUPPLY VOLTAGE

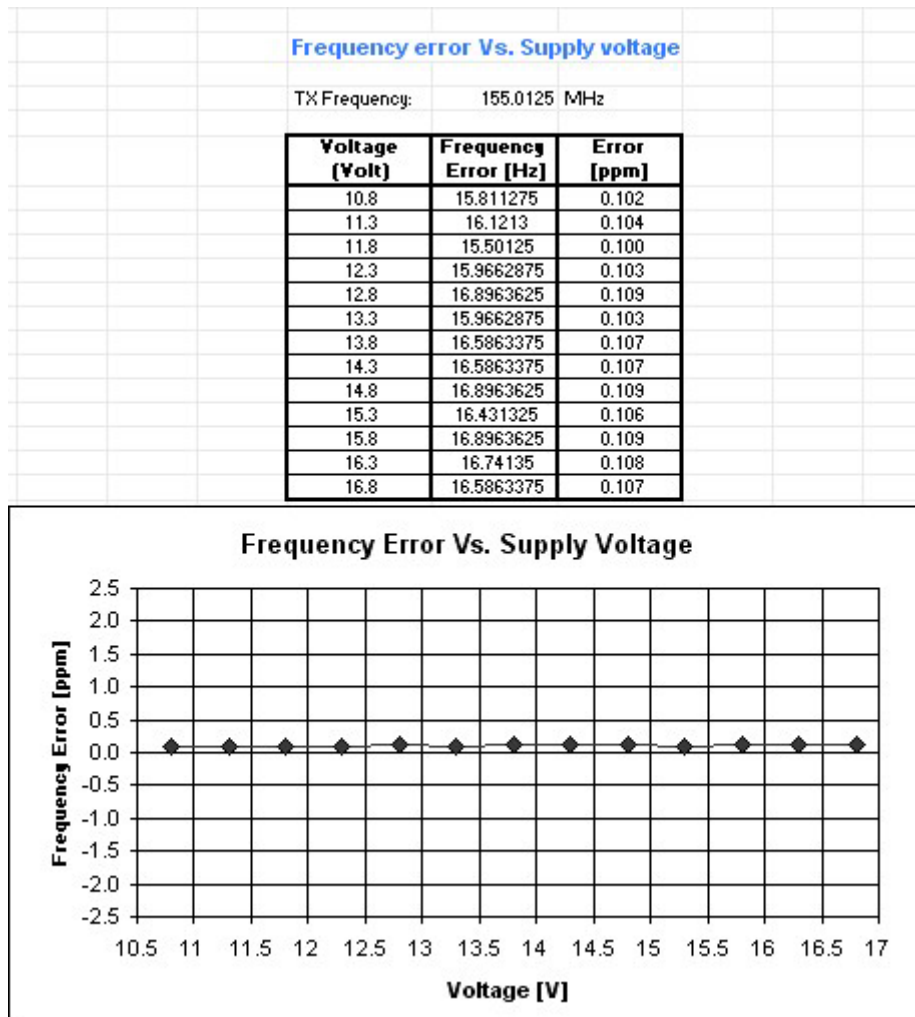
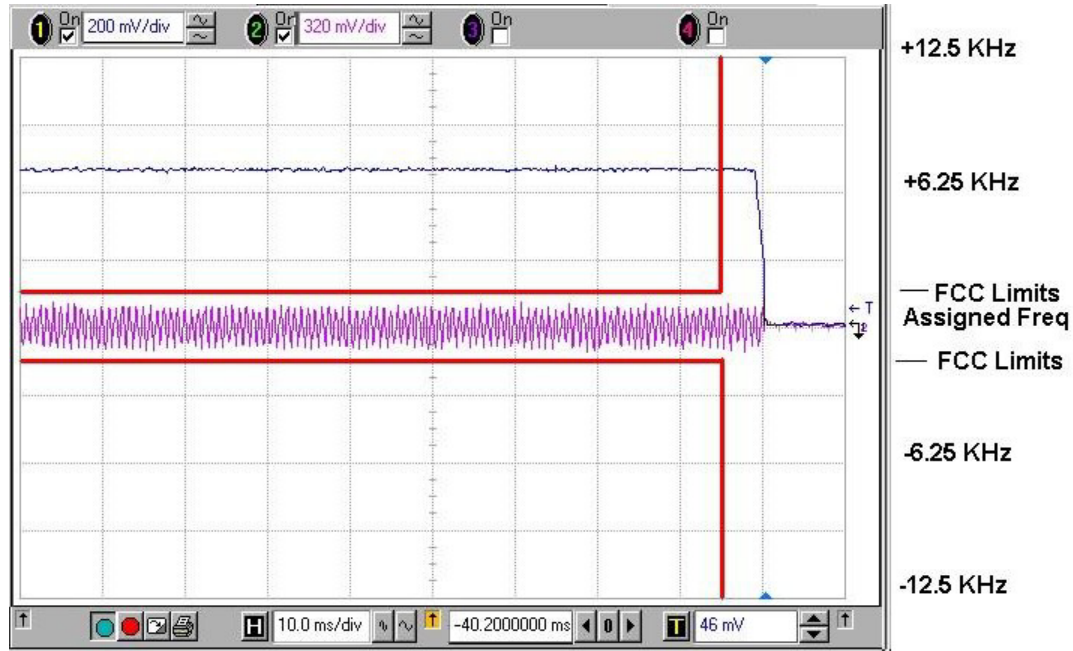


EXHIBIT 6H: TRANSIENT RESPONSE

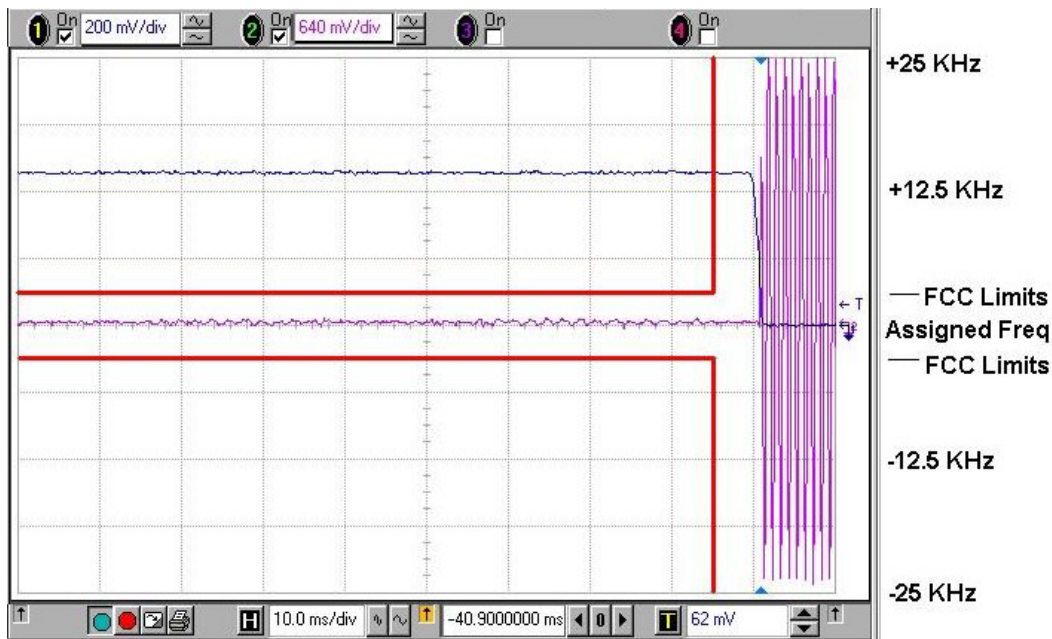
FREQ = 155.0125 MHz
KEY DEKEY TRANSIENT

MAX POWER SETING

ANALOG VOICE
CHANNEL SPACING = 12.5 kHz



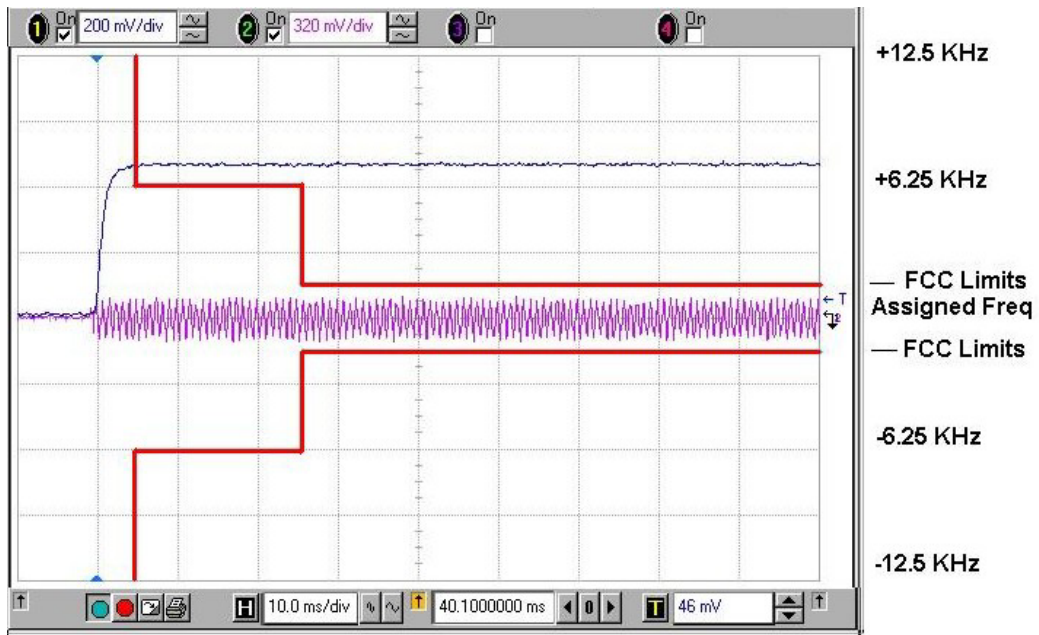
**ANALOG VOICE
CHANNEL SPACING = 25 kHz**



FREQ = 155.0125 MHz
DEKEY KEY TRANSIENT

MAX POWER SETING

ANALOG VOICE
CHANNEL SPACING = 12.5 kHz



FREQ = 155.0125 MHz
DEKEY KEY TRANSIENT

MAX POWER SETING

ANALOG VOICE
CHANNEL SPACING = 25 kHz

