

Exhibit 6E- 48: Occupied Bandwidth Digital Voice 8K10F1E - Freq 806.0125 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

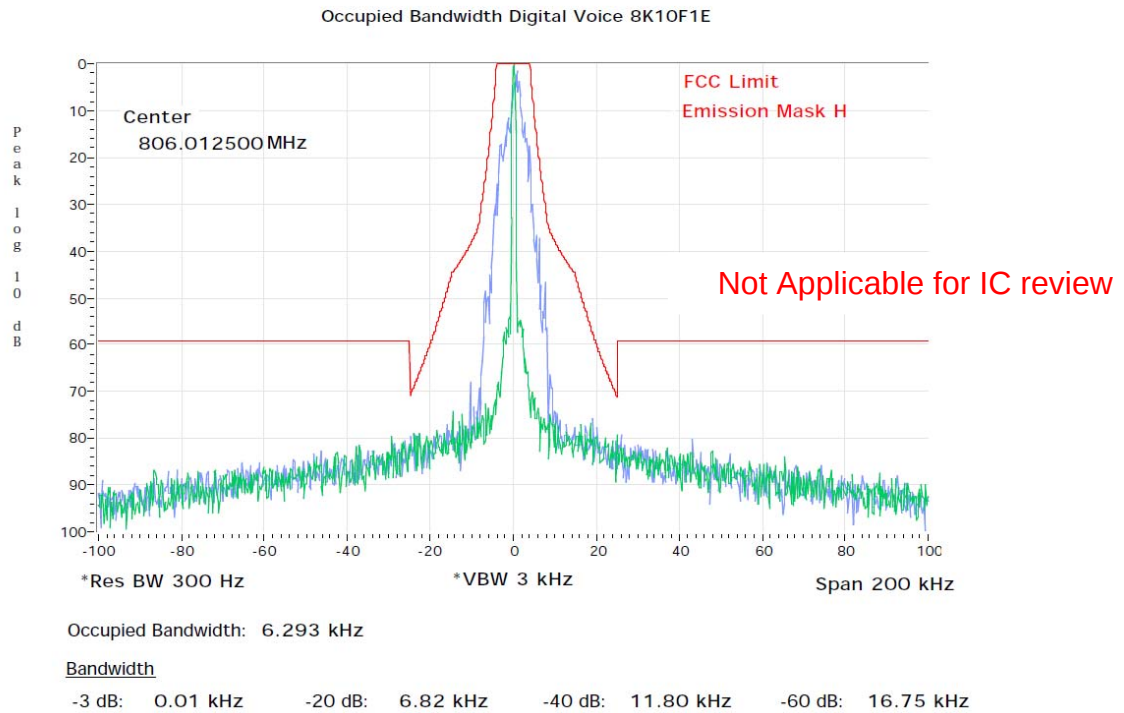


Exhibit 6E- 49: Occupied Bandwidth Digital Voice 8K10F1E - Freq 814.9875 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

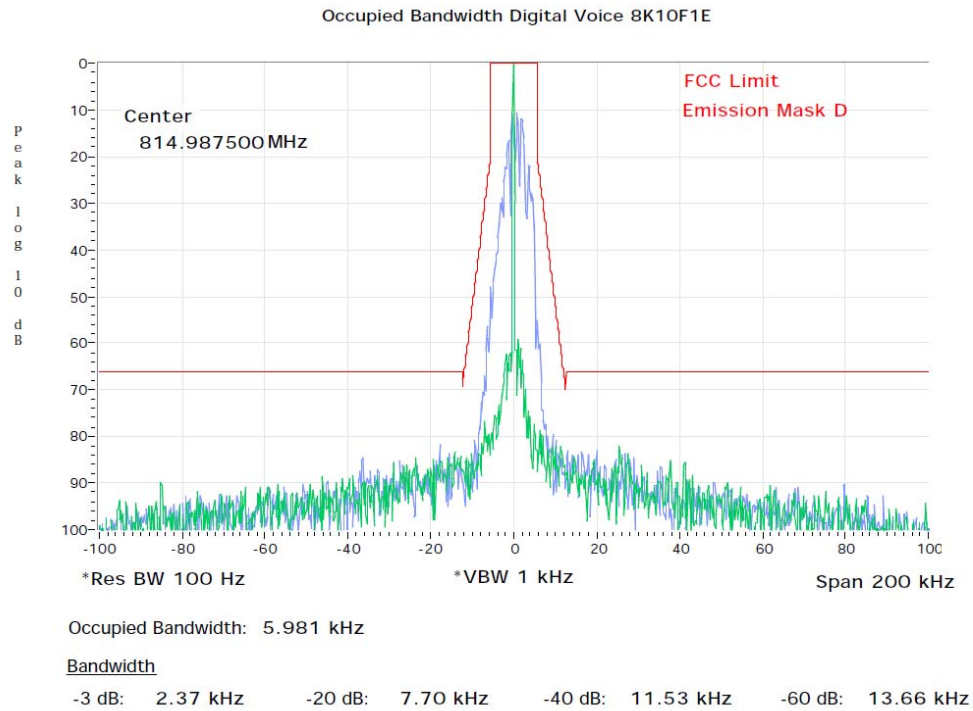


Exhibit 6E- 50: Occupied Bandwidth Digital Voice 8K10F1E - Freq 814.9875 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 16, 2016

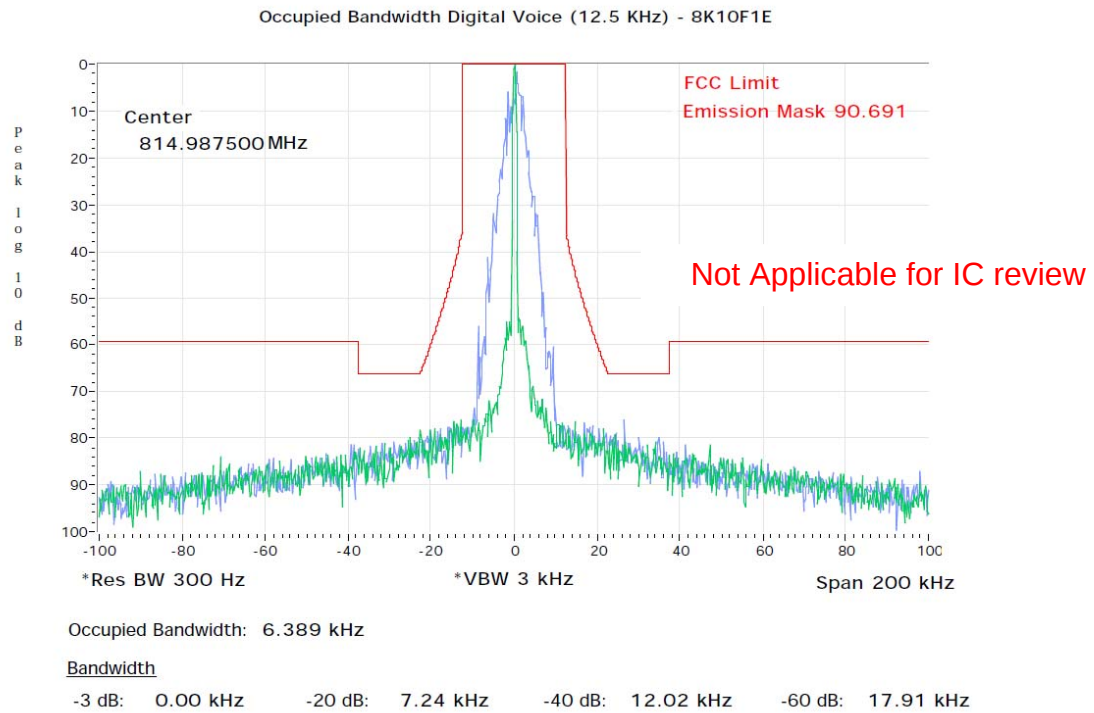


Exhibit 6E- 51: Occupied Bandwidth Digital Voice 8K10F1E - Freq 823.9875 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

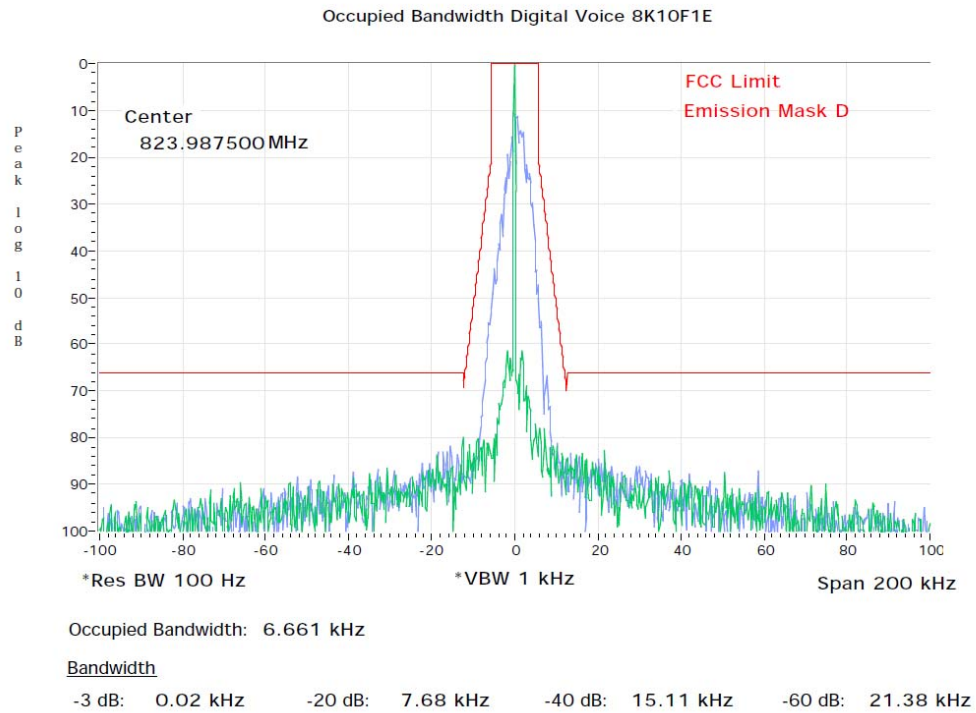


Exhibit 6E- 52: Occupied Bandwidth Digital Voice 8K10F1E - Freq 851.0125 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

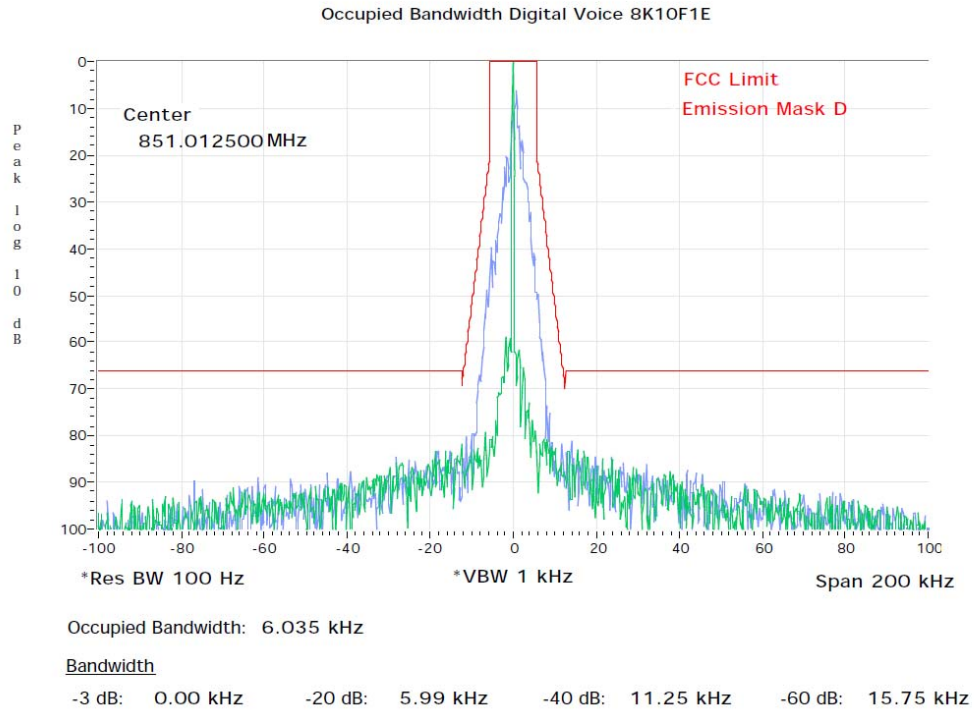
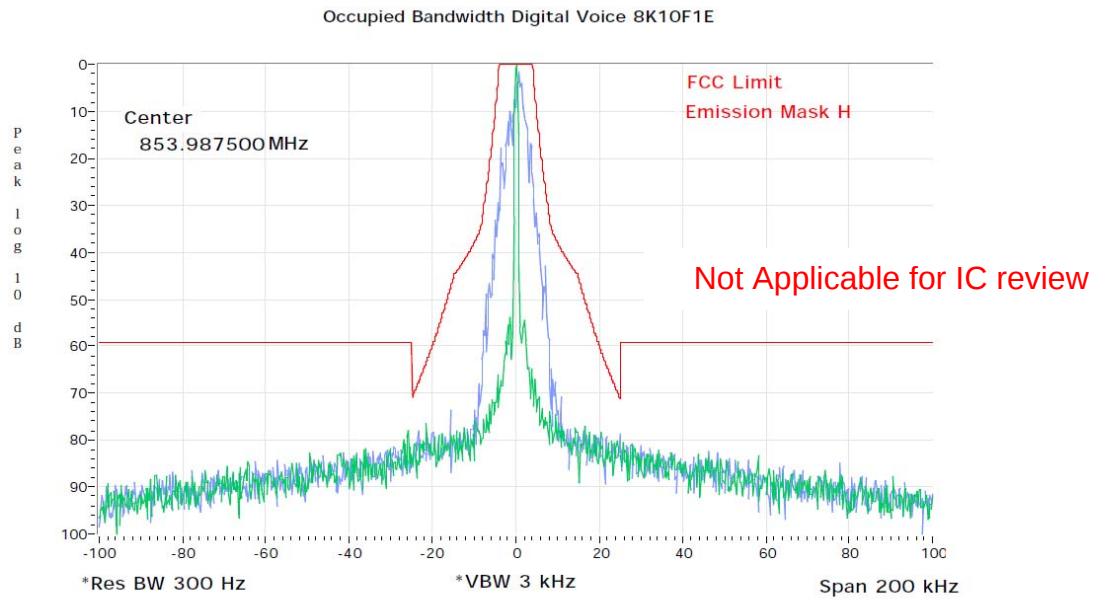


Exhibit 6E- 53: Occupied Bandwidth Digital Voice 8K10F1E - Freq 853.9875 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016



Occupied Bandwidth: 6.578 kHz

Bandwidth

-3 dB: 0.01 kHz -20 dB: 7.09 kHz -40 dB: 11.85 kHz -60 dB: 16.48 kHz

Exhibit 6E- 54: Occupied Bandwidth Digital Voice 8K10F1E - Freq 860.0125 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

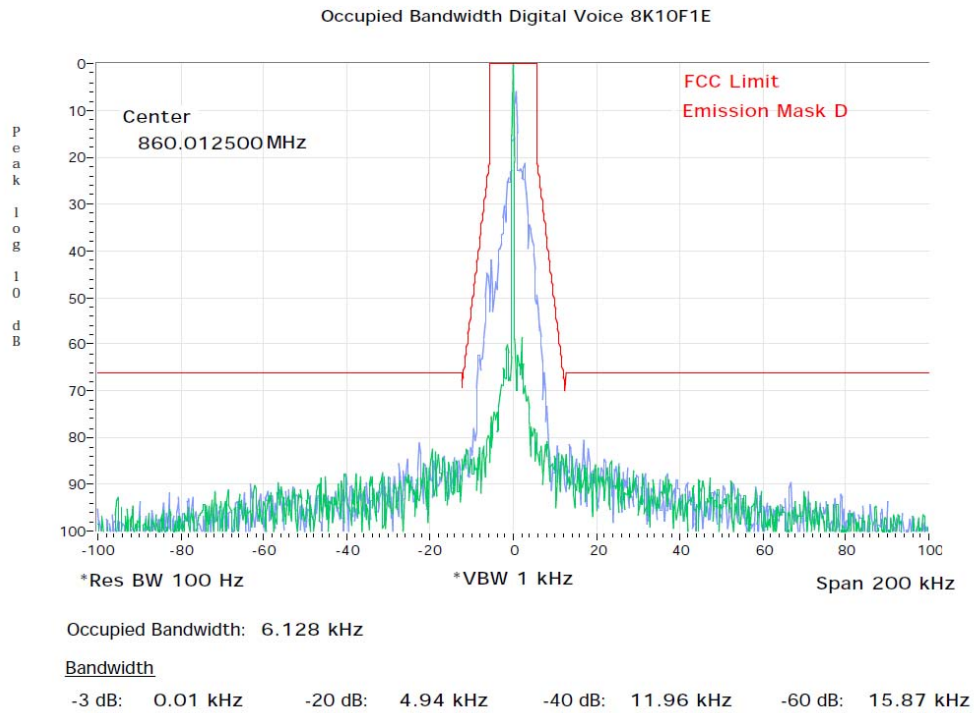


Exhibit 6E- 55: Occupied Bandwidth Digital Voice 8K10F1E - Freq 860.0125 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 16, 2016

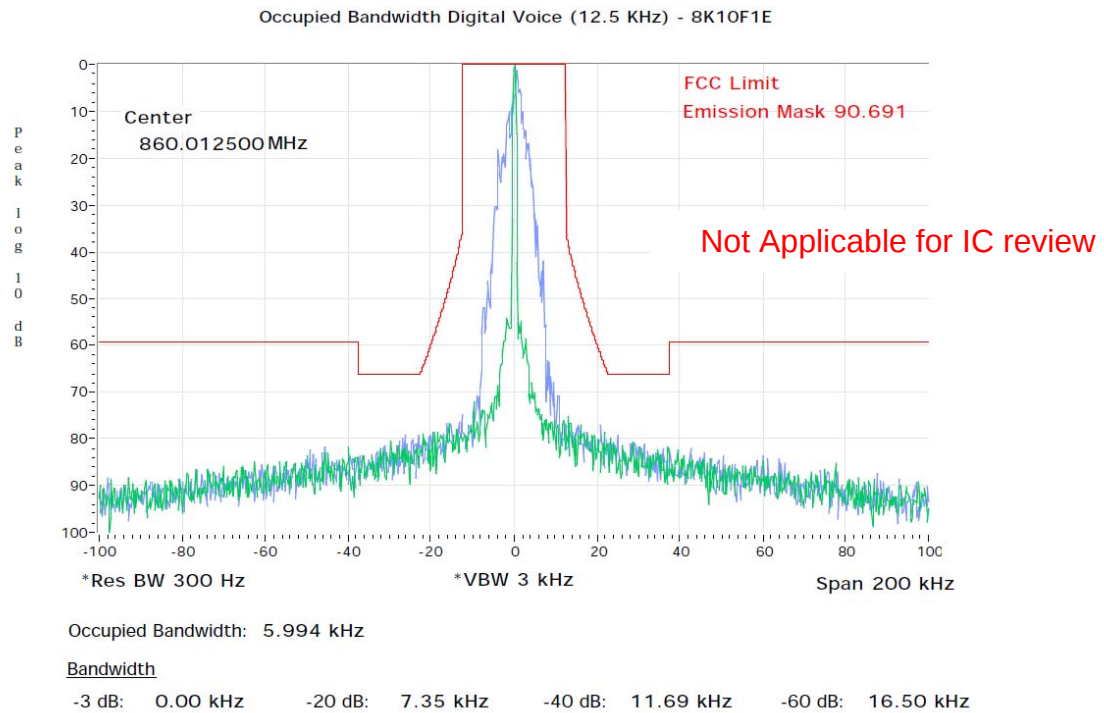
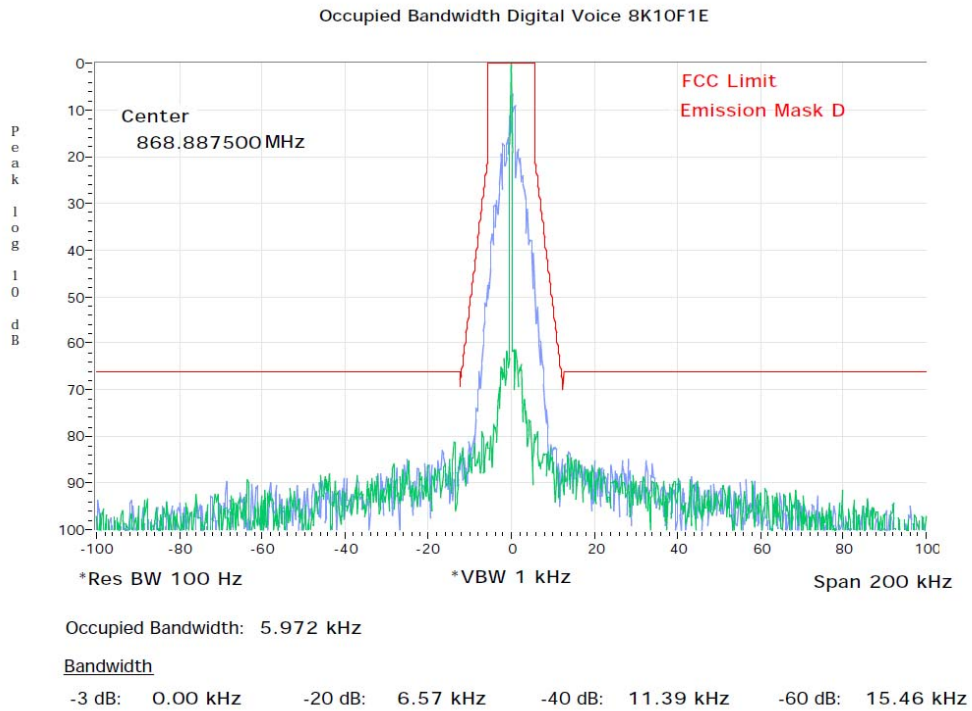


Exhibit 6E- 56: Occupied Bandwidth Digital Voice 8K10F1E - Freq 868.8875 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016



Digital (12.5 kHz Channelization, Digital Voice with encryption):

Emission Designator 8K10F1E

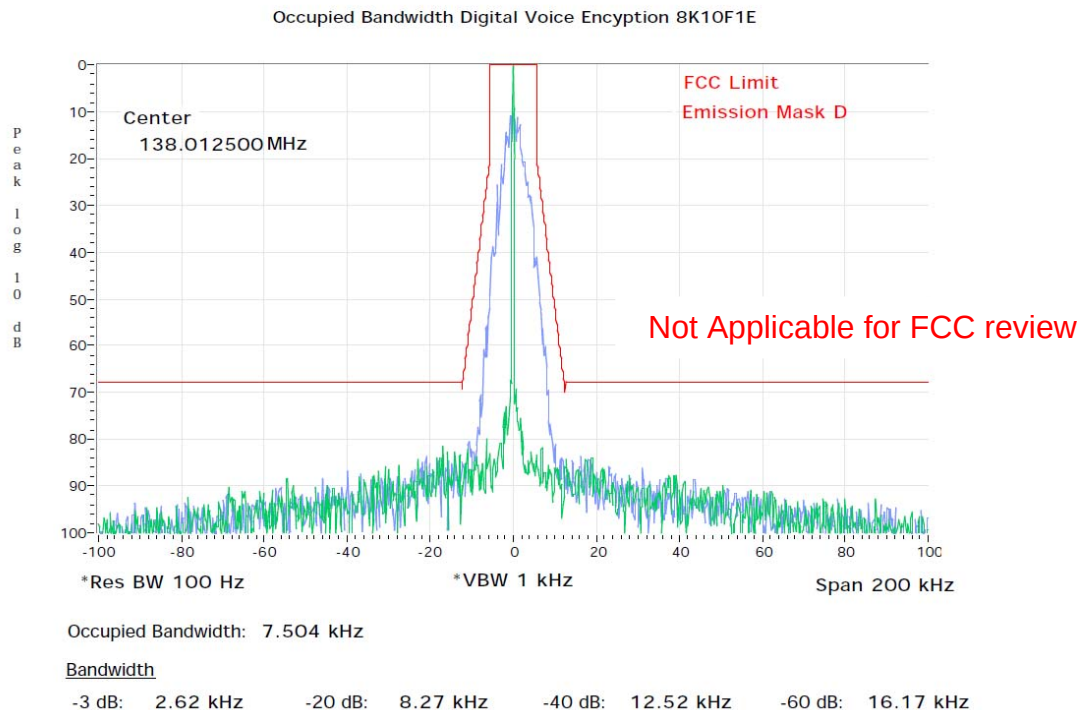
The 99% energy rule (title 47CFR 2.989) was used for digital mode and is more accurate than Carson's rule. It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz. Measurements were performed in accordance with TIA/EIA TSB102.CAAB Section 2.2.5.2.

F1E portion of the designator indicates digital voice.

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

Exhibit 6E- 57: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 138.0125 MHz, Ch Sp 12.5 kHz

Date: Mon, Nov 7, 2016



Date: Mon, Sep 12, 2016



**Exhibit 6E- 59: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 161.7 MHz,
Ch Sp 12.5 kHz**

Date: Mon, Nov 7, 2016

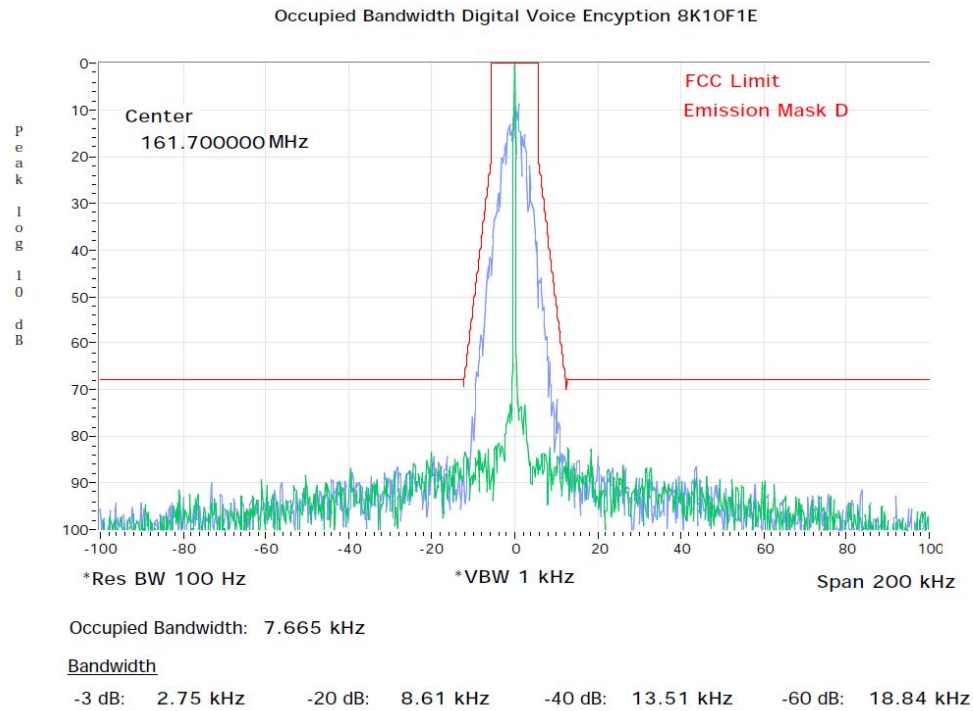
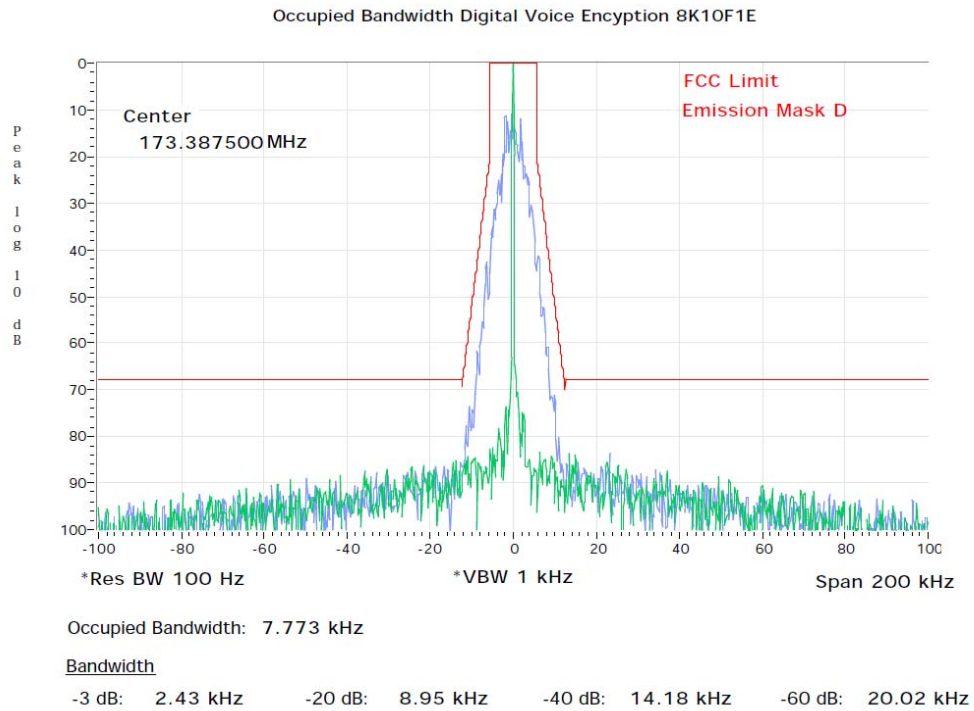


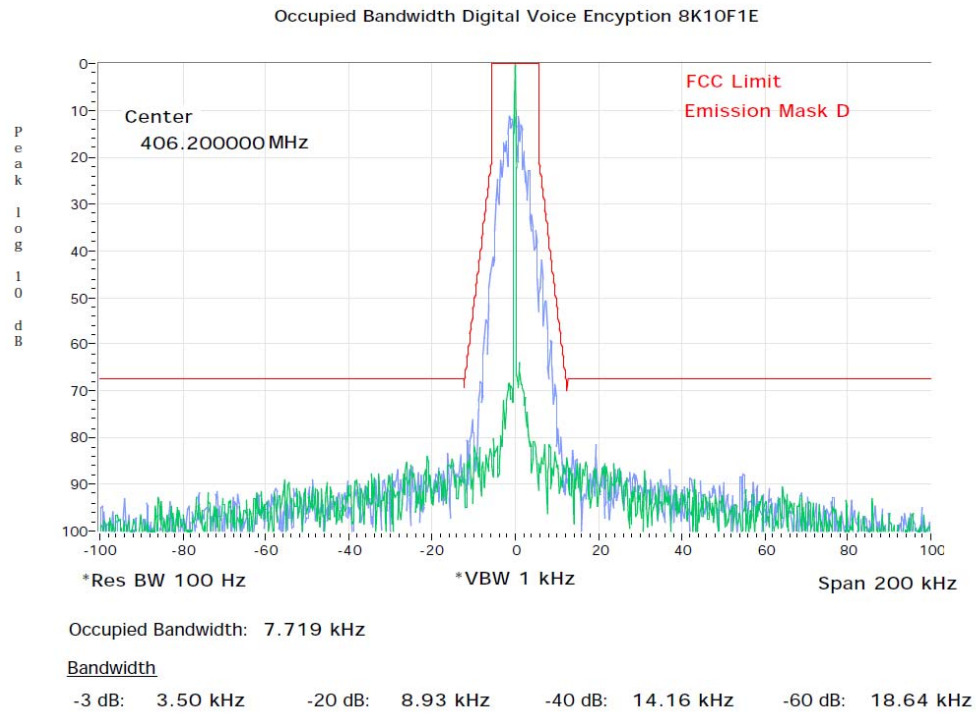
Exhibit 6E- 60: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 173.3875 MHz, Ch Sp 12.5 kHz

Date: Mon, Nov 7, 2016



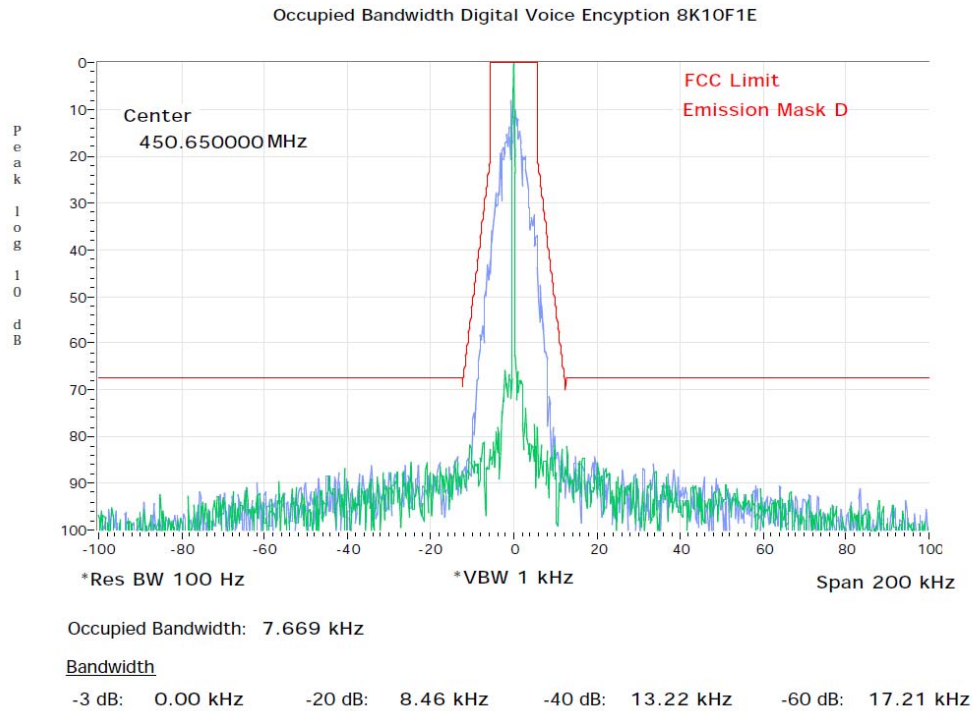
**Exhibit 6E- 61: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 406.2 MHz,
Ch Sp 12.5 kHz**

Date: Mon, Nov 7, 2016



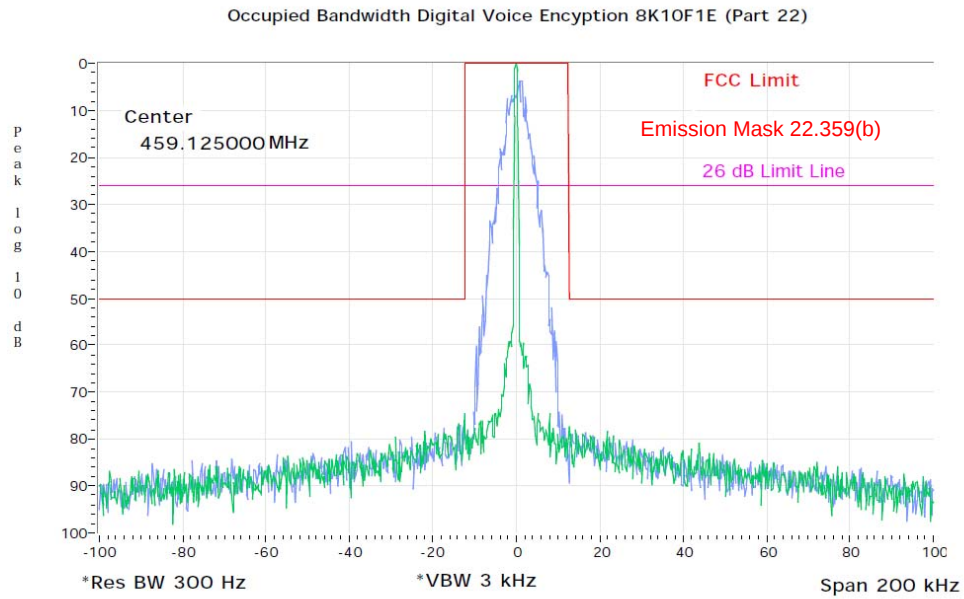
**Exhibit 6E- 62: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 450.65 MHz,
Ch Sp 12.5 kHz**

Date: Mon, Nov 7, 2016



**Exhibit 6E- 63: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 459.125 MHz,
Ch Sp 12.5 kHz**

Date: Mon, Sep 12, 2016



Occupied Bandwidth: 7.890 kHz

Bandwidth

-3 dB: 2.95 kHz -20 dB: 9.20 kHz -40 dB: 14.54 kHz -60 dB: 19.59 kHz

**Exhibit 6E- 64: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 467.775 MHz,
Ch Sp 12.5 kHz**

Date: Mon, Nov 7, 2016

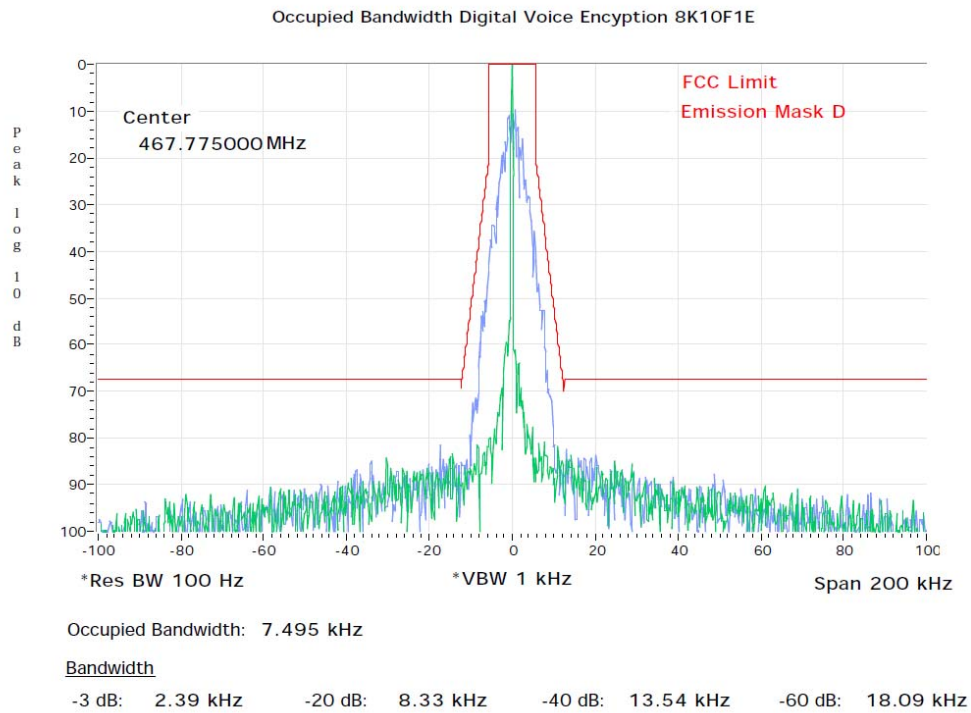


Exhibit 6E- 65: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 806.0125 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

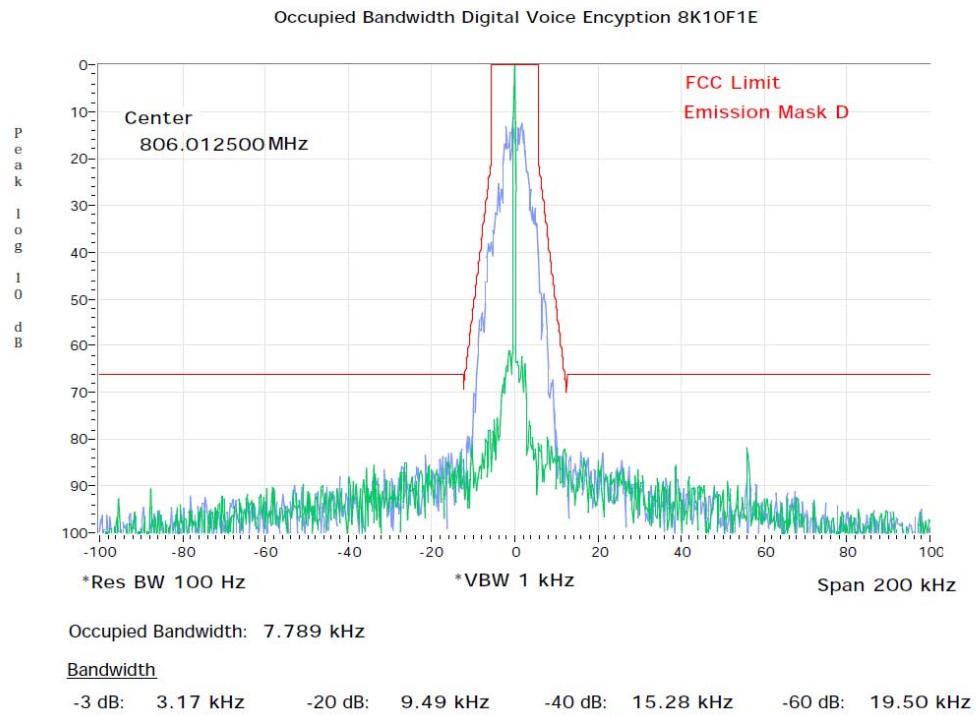


Exhibit 6E- 66: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 806.0125 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 9, 2016

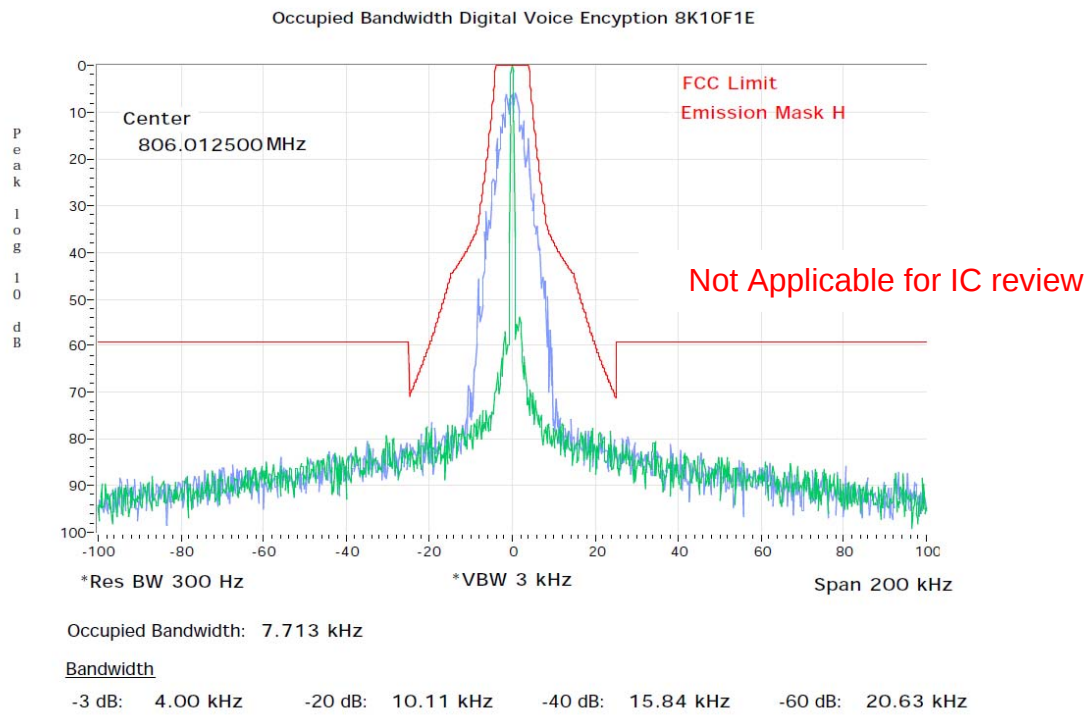


Exhibit 6E- 67: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 814.9875 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

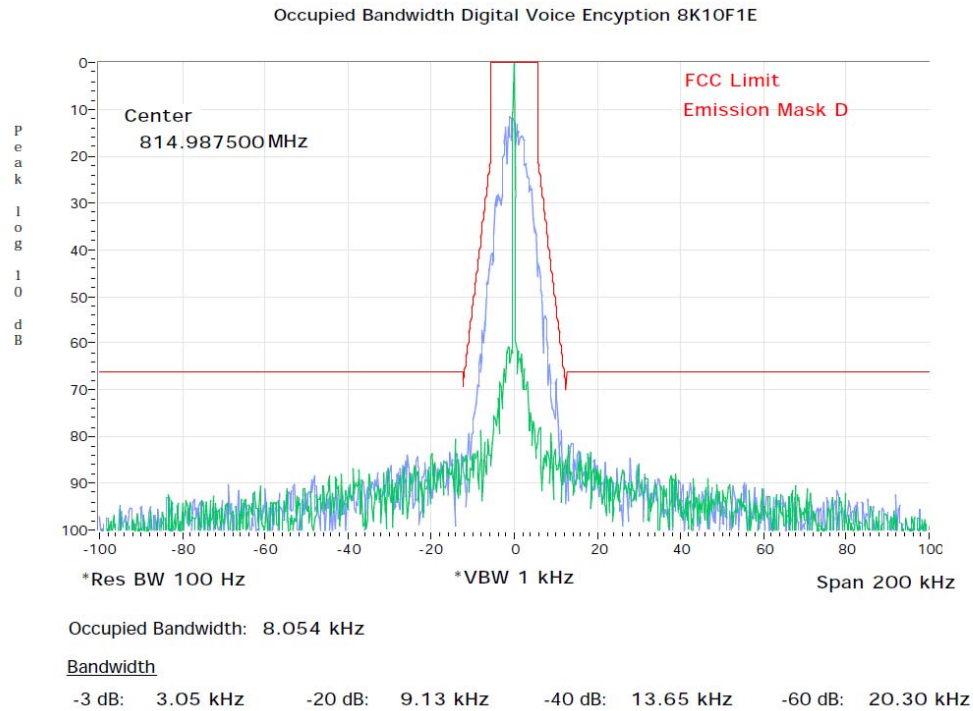


Exhibit 6E- 68: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 814.9875 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 16, 2016

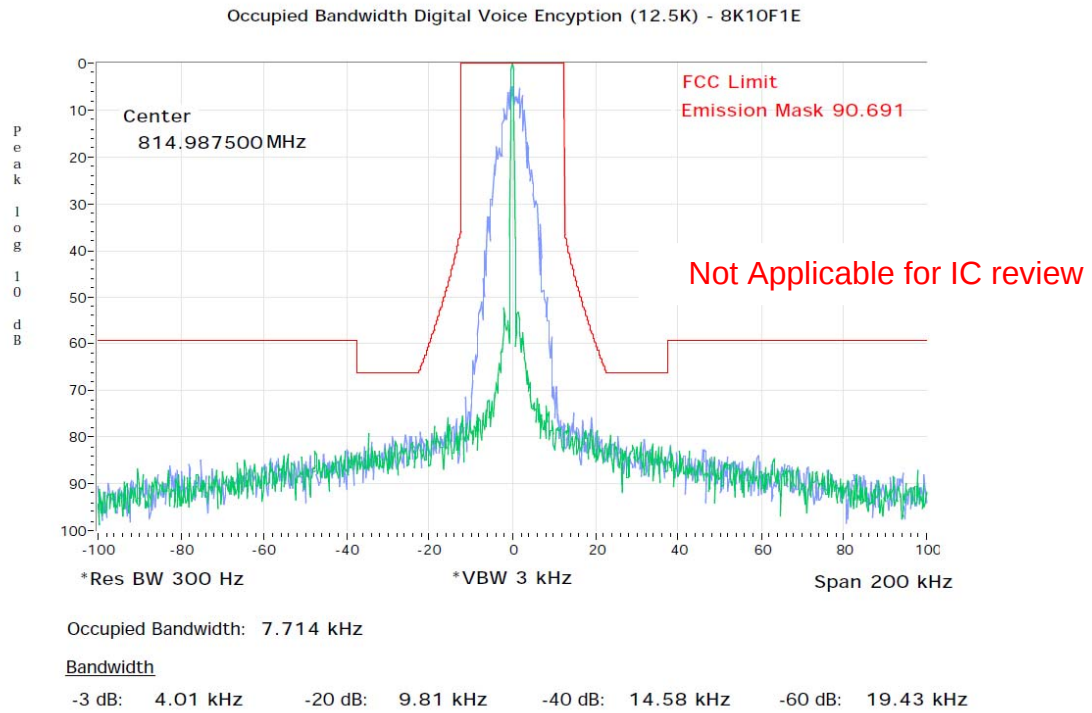


Exhibit 6E- 69: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 823.9875 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

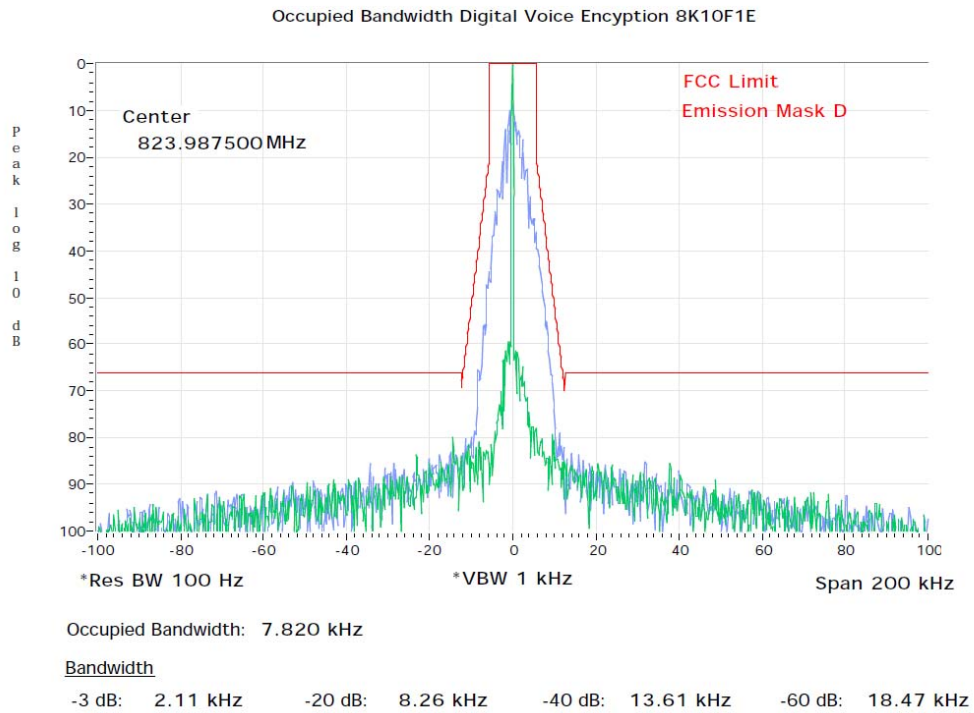


Exhibit 6E- 70: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 851.0125 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

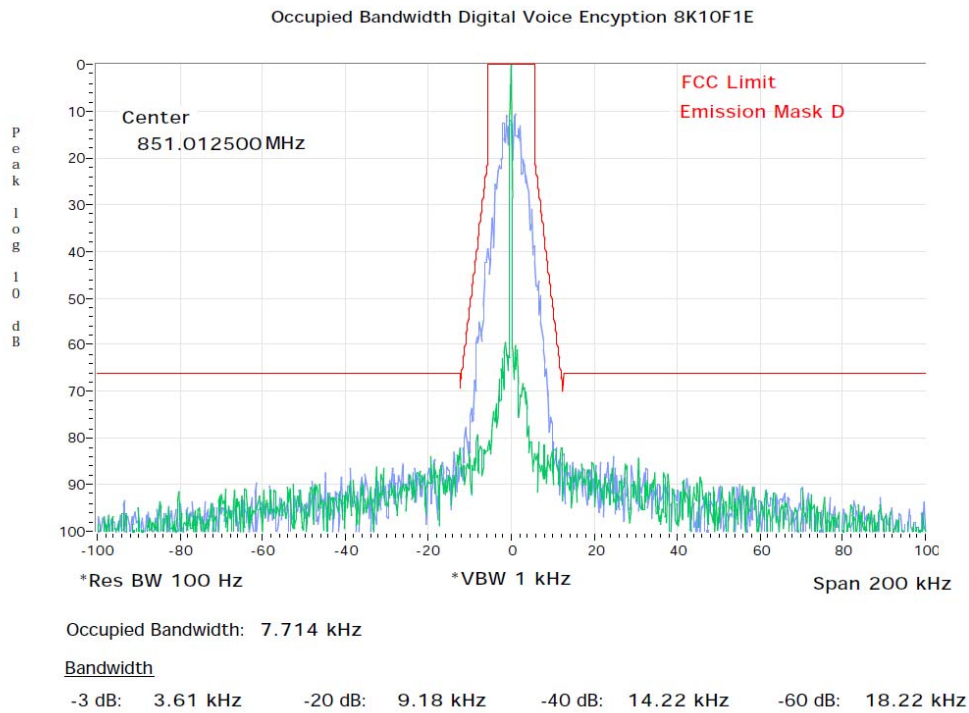


Exhibit 6E- 71: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 853.9875 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 9, 2016

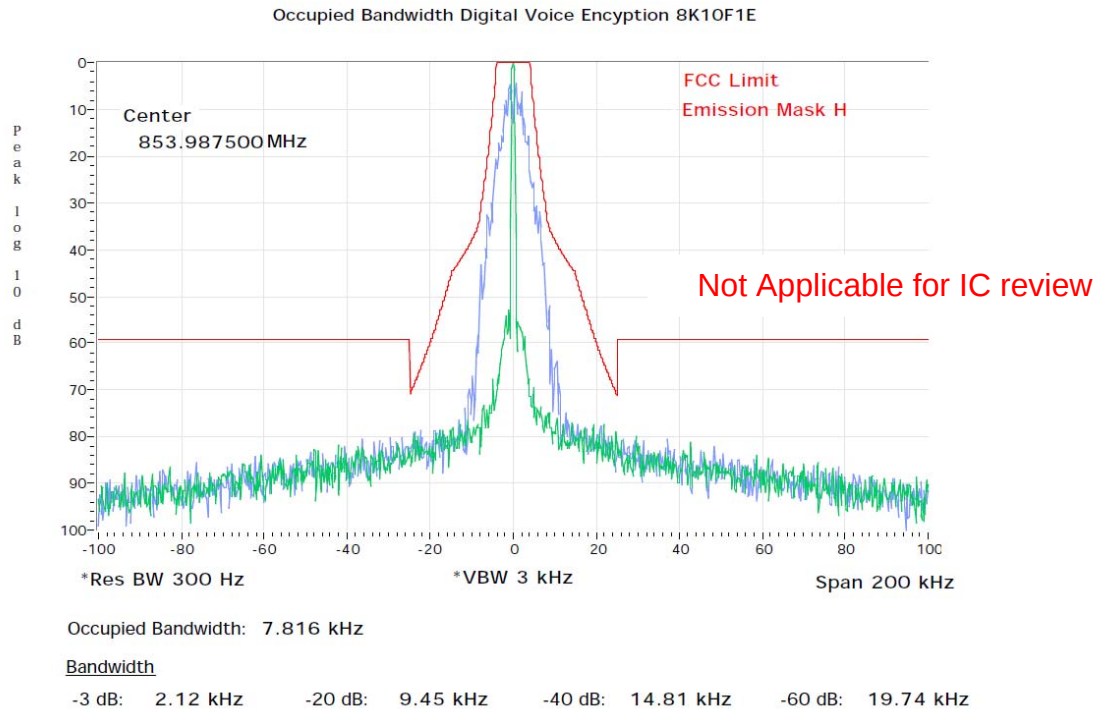


Exhibit 6E- 72: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 860.0125 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

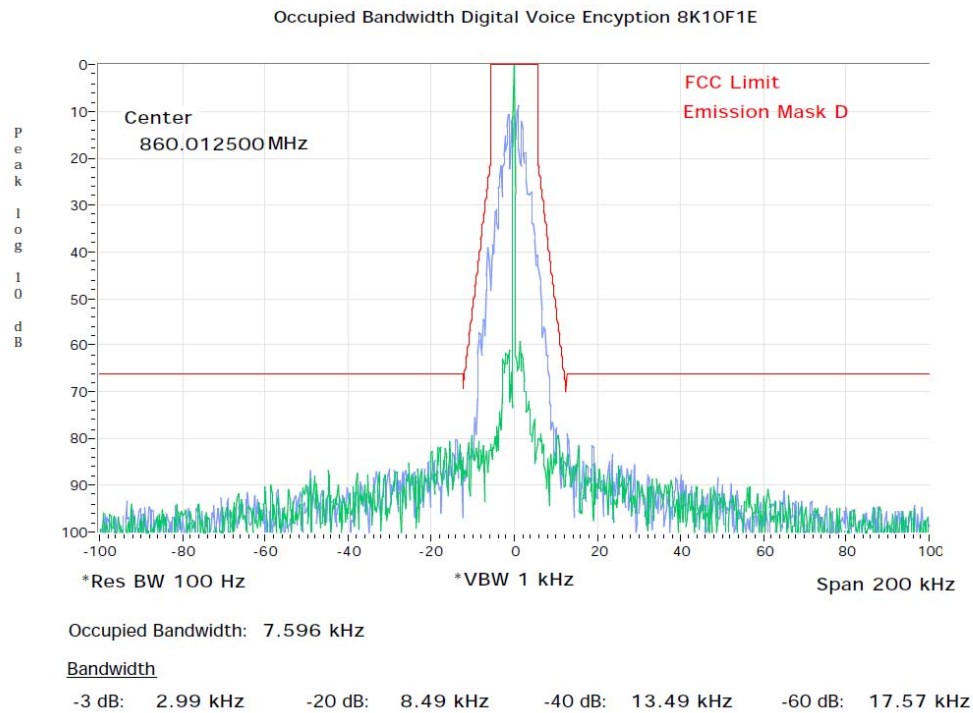
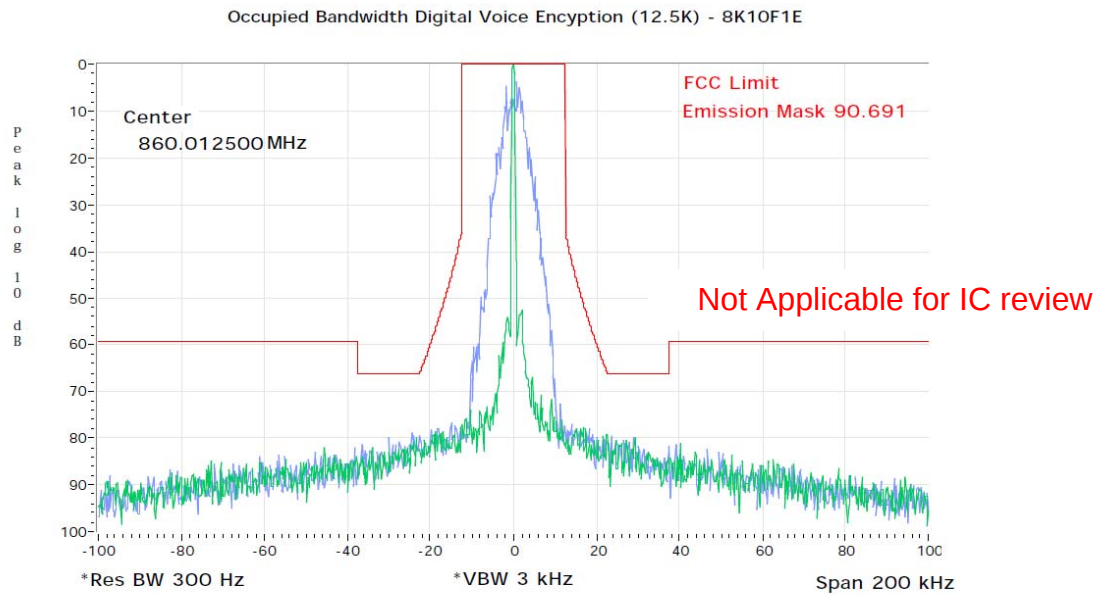


Exhibit 6E- 73: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 860.0125 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 16, 2016



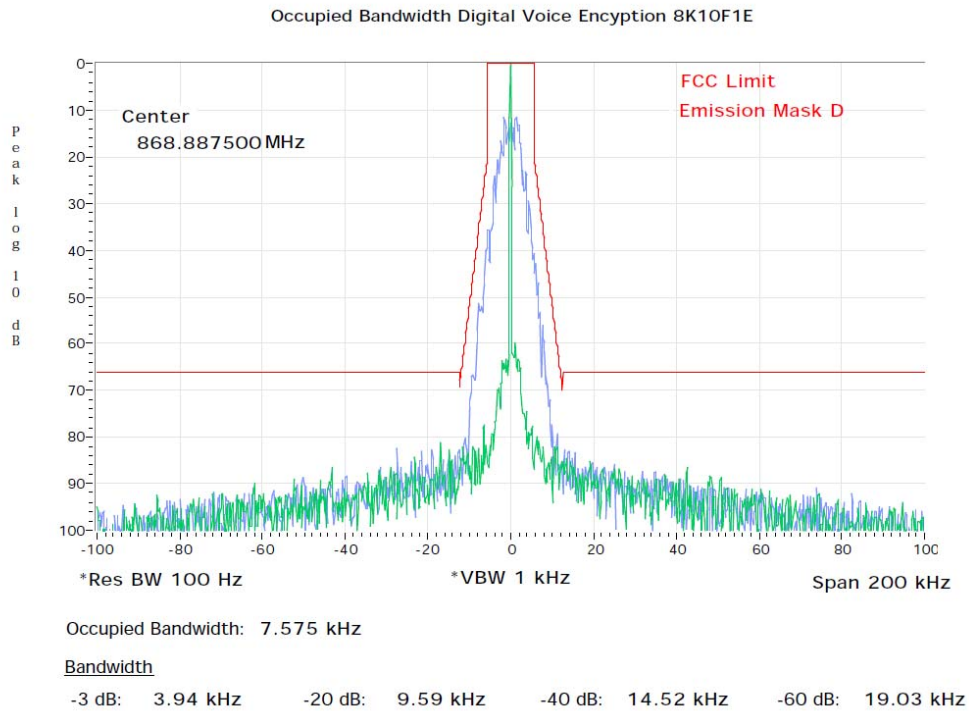
Occupied Bandwidth: 7.735 kHz

Bandwidth

-3 dB: 2.79 kHz -20 dB: 9.42 kHz -40 dB: 14.32 kHz -60 dB: 19.66 kHz

Exhibit 6E- 74: Occupied Bandwidth Digital Voice Encryption 8K10F1E - Freq 868.8875 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016



Digital (12.5 kHz Channelization, Digital Data):

Emission Designator 8K10F1D

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 TSB102.CAAB Section 2.2.5.2.

F1D portion of the designator indicates digital data.

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

Exhibit 6E- 75: Occupied Bandwidth Digital Data 8K10F1D - Freq 138.0125 MHz, Ch Sp 12.5 kHz

Date: Mon, Nov 7, 2016

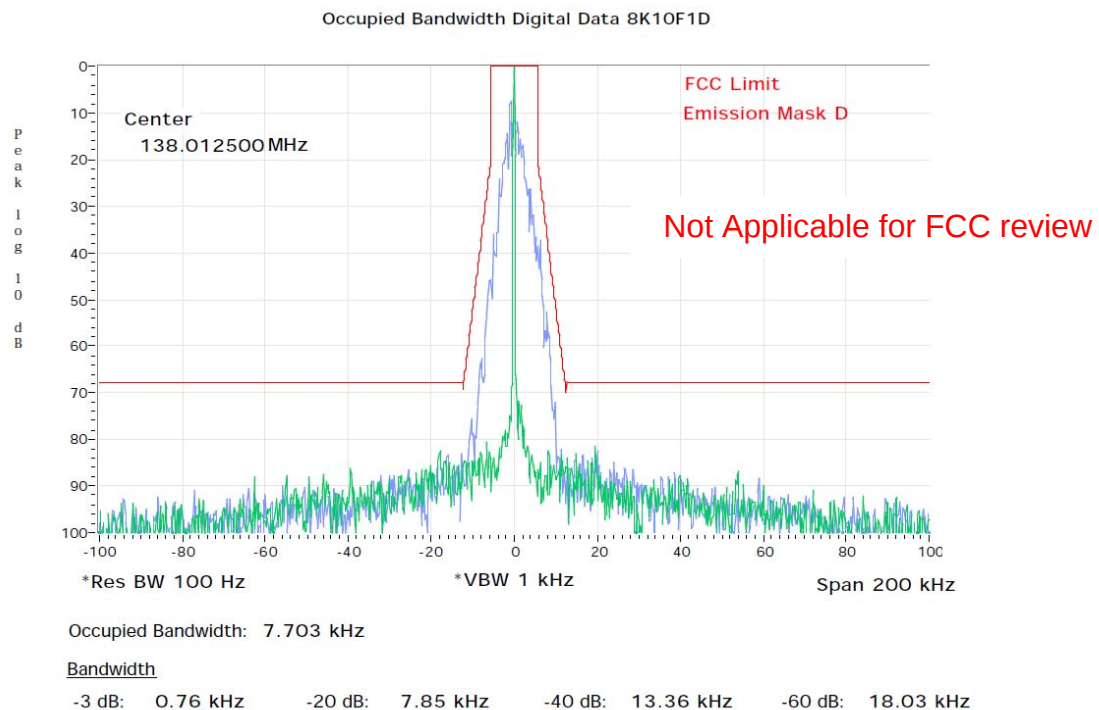


Exhibit 6E- 76: Occupied Bandwidth Digital Data 8K10F1D - Freq 158.55 MHz, Ch Sp 12.5 kHz

Date: Wed, Sep 28, 2016

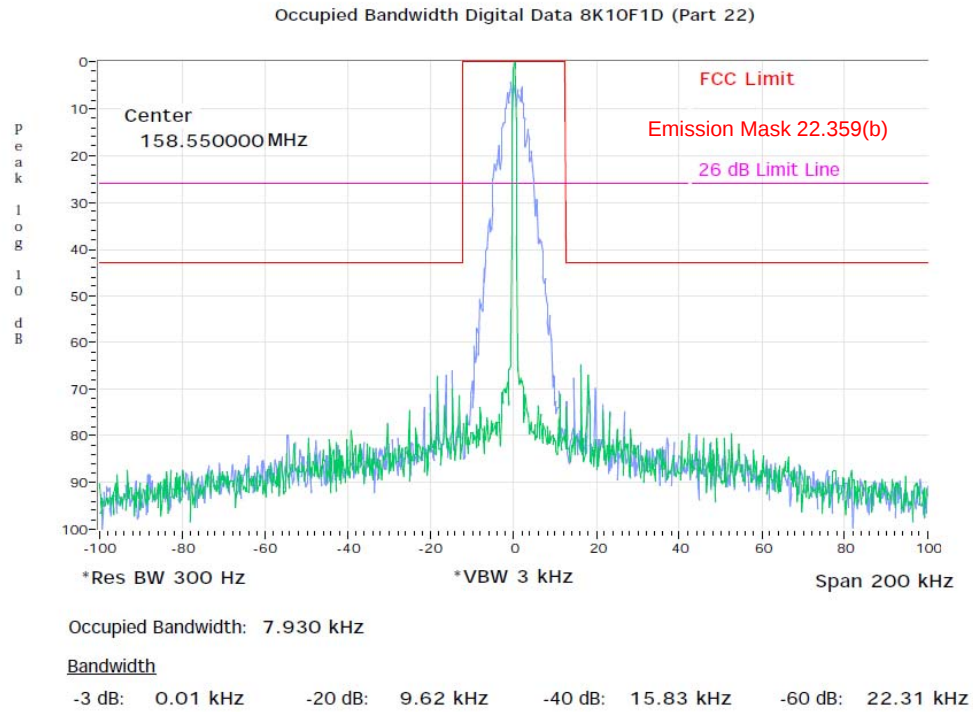


Exhibit 6E- 77: Occupied Bandwidth Digital Data 8K10F1D - Freq 161.7 MHz, Ch Sp 12.5 kHz

Date: Mon, Nov 7, 2016

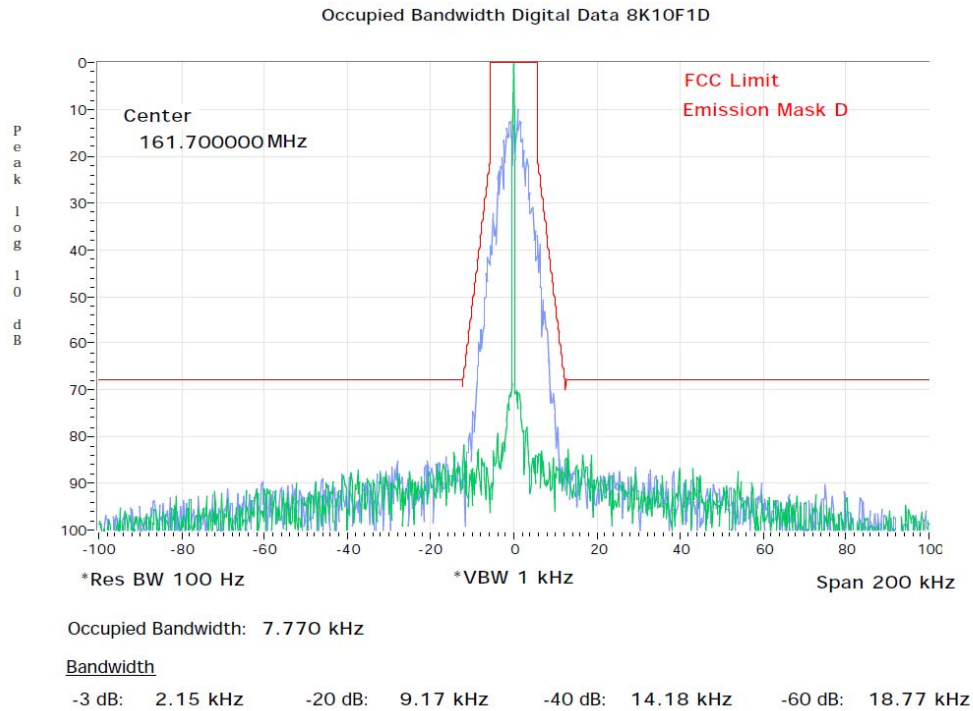


Exhibit 6E- 78: Occupied Bandwidth Digital Data 8K10F1D - Freq 173.3875 MHz, Ch Sp 12.5 kHz

Date: Mon, Nov 7, 2016

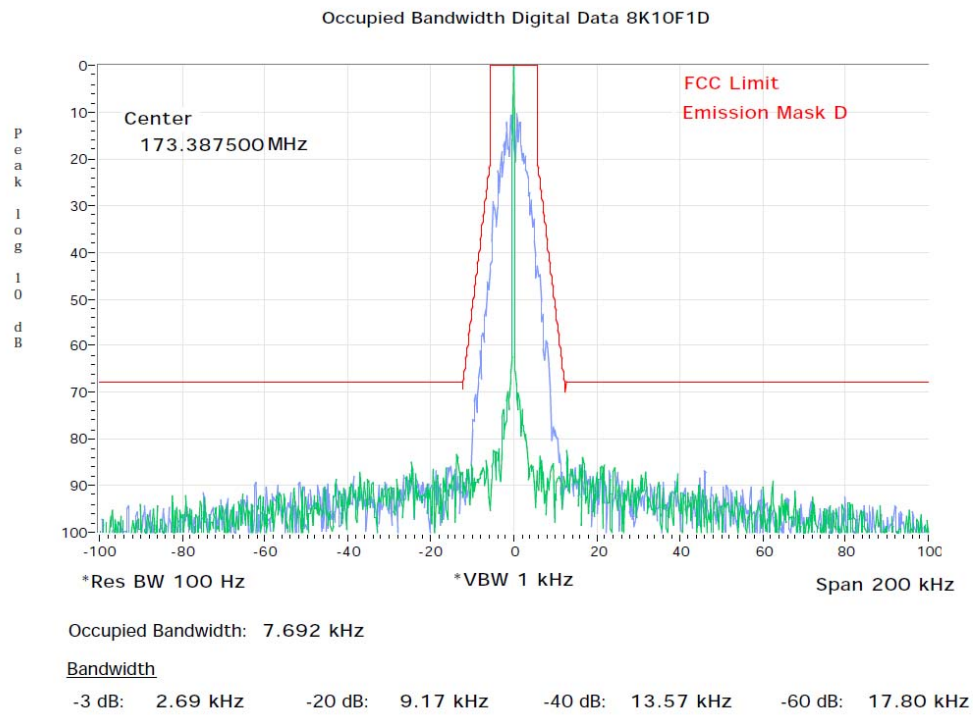


Exhibit 6E- 79: Occupied Bandwidth Digital Data 8K10F1D - Freq 406.2 MHz, Ch Sp 12.5 kHz

Date: Mon, Nov 7, 2016

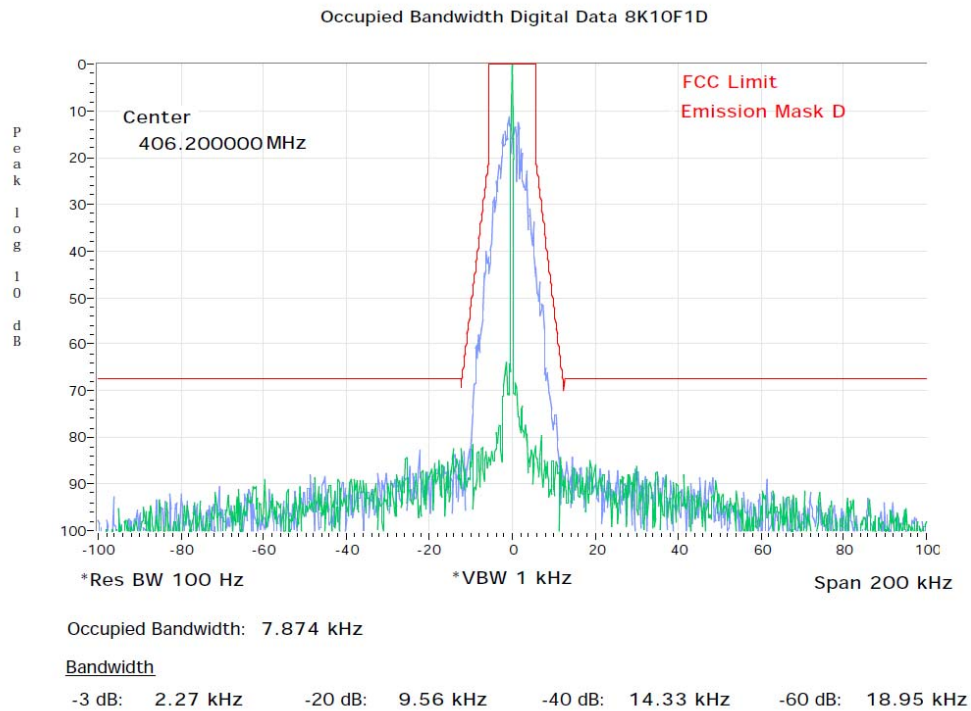


Exhibit 6E- 80: Occupied Bandwidth Digital Data 8K10F1D - Freq 450.65 MHz, Ch Sp 12.5 kHz

Date: Mon, Nov 7, 2016

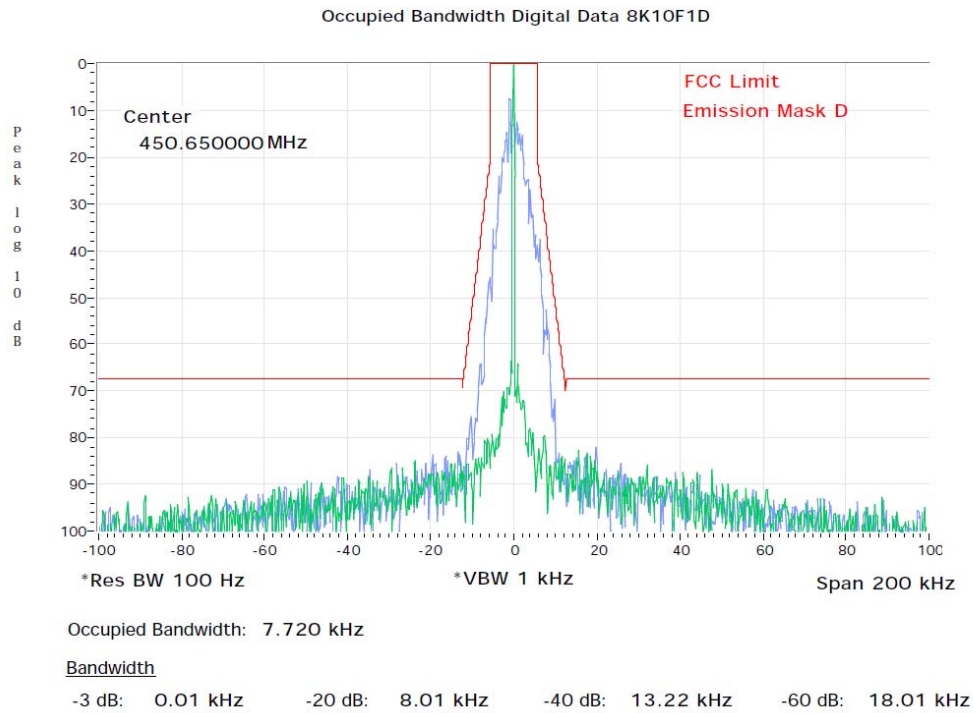


Exhibit 6E- 81: Occupied Bandwidth Digital Data 8K10F1D - Freq 459.125 MHz, Ch Sp 12.5 kHz

Date: Fri, Sep 16, 2016

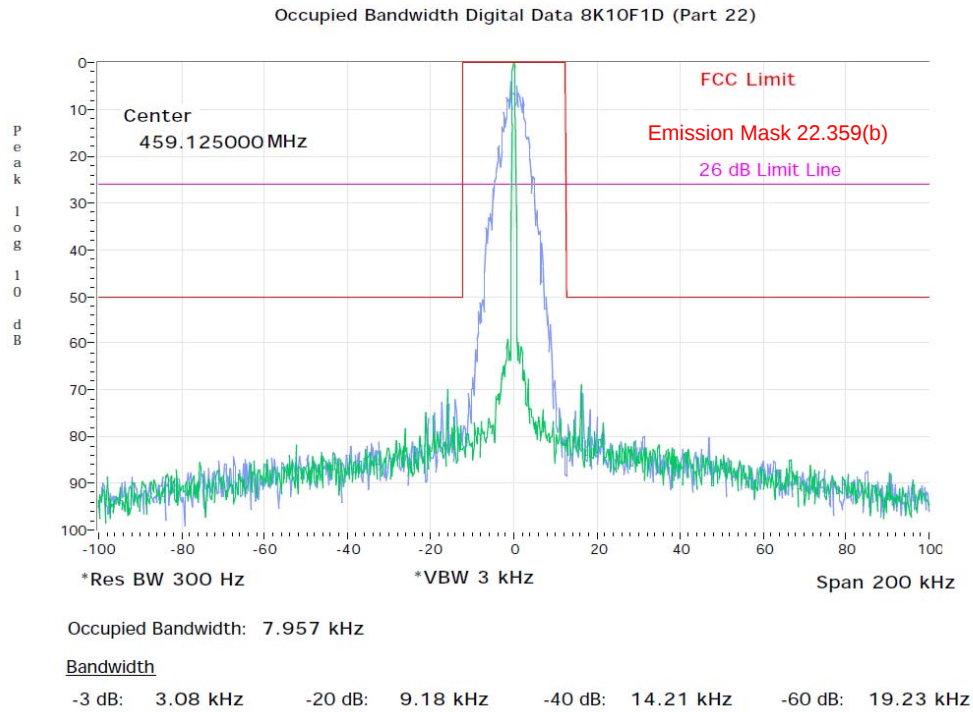


Exhibit 6E- 82: Occupied Bandwidth Digital Data 8K10F1D - Freq 467.775 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 9, 2016

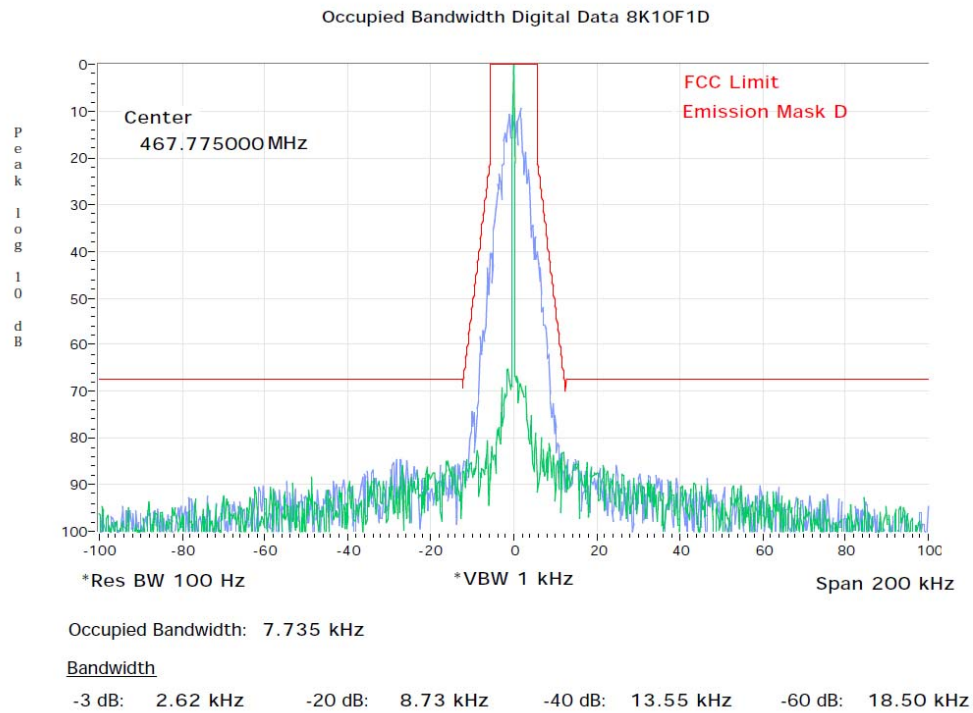


Exhibit 6E- 83: Occupied Bandwidth Digital Data 8K10F1D - Freq 806.0125 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

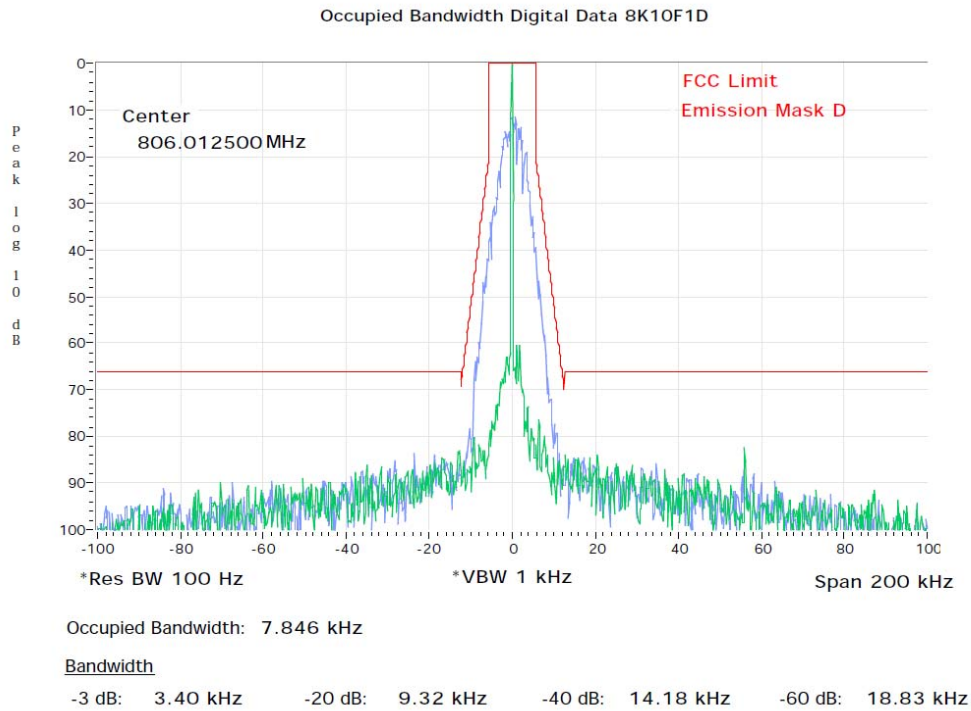


Exhibit 6E- 84: Occupied Bandwidth Digital Data 8K10F1D - Freq 806.0125 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

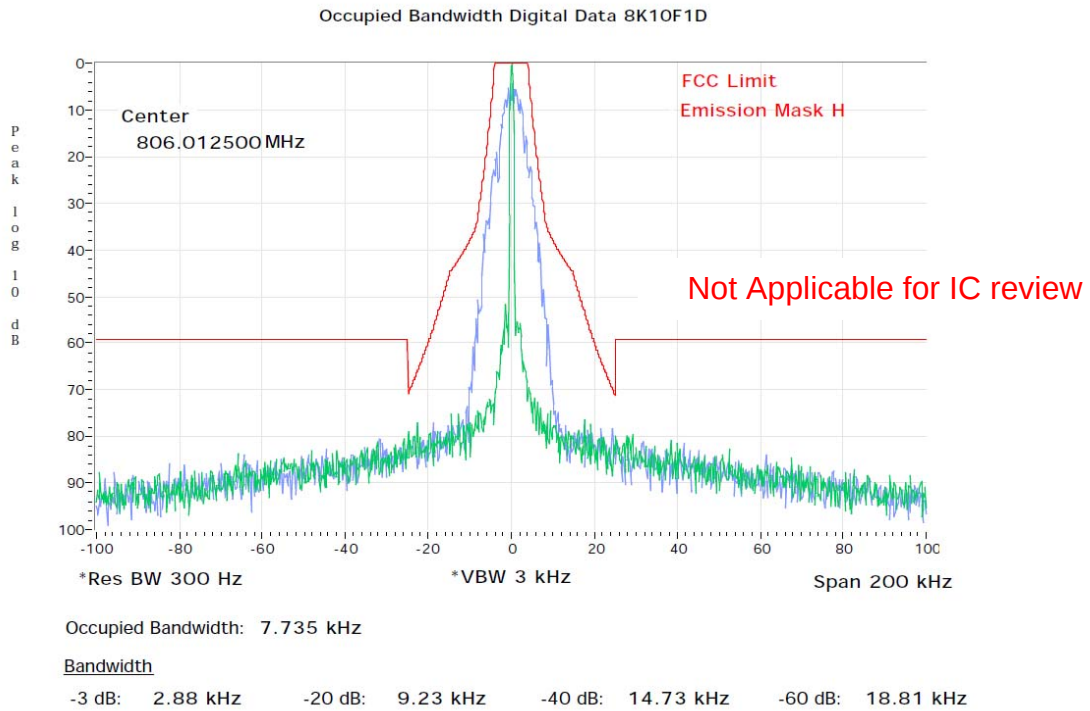


Exhibit 6E- 85: Occupied Bandwidth Digital Data 8K10F1D - Freq 814.9875 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 9, 2016

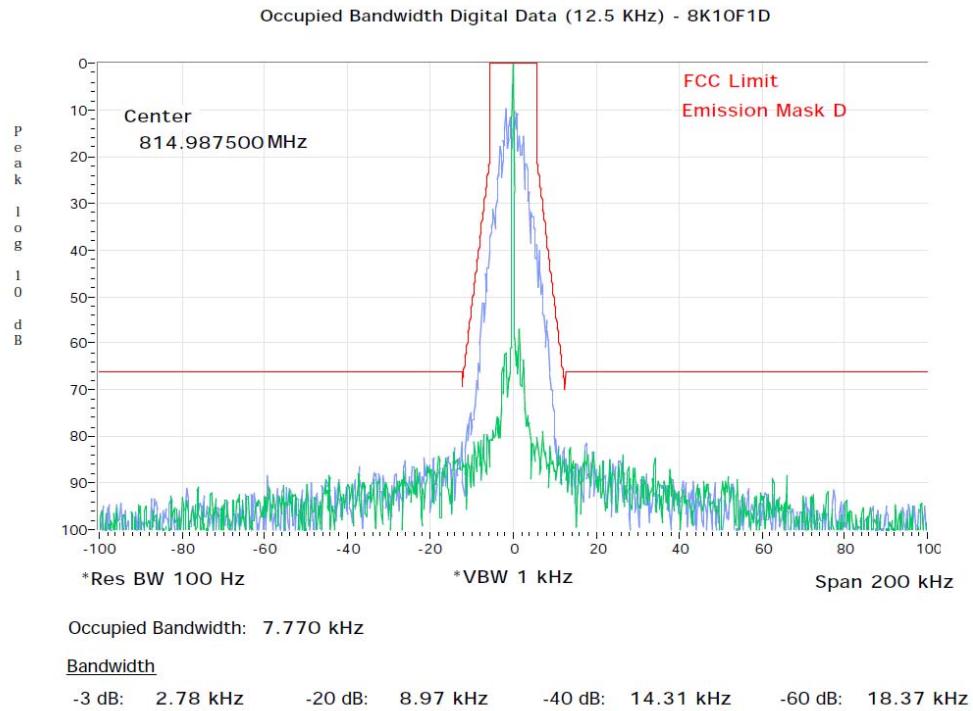


Exhibit 6E- 86: Occupied Bandwidth Digital Data 8K10F1D - Freq 814.9875 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 16, 2016

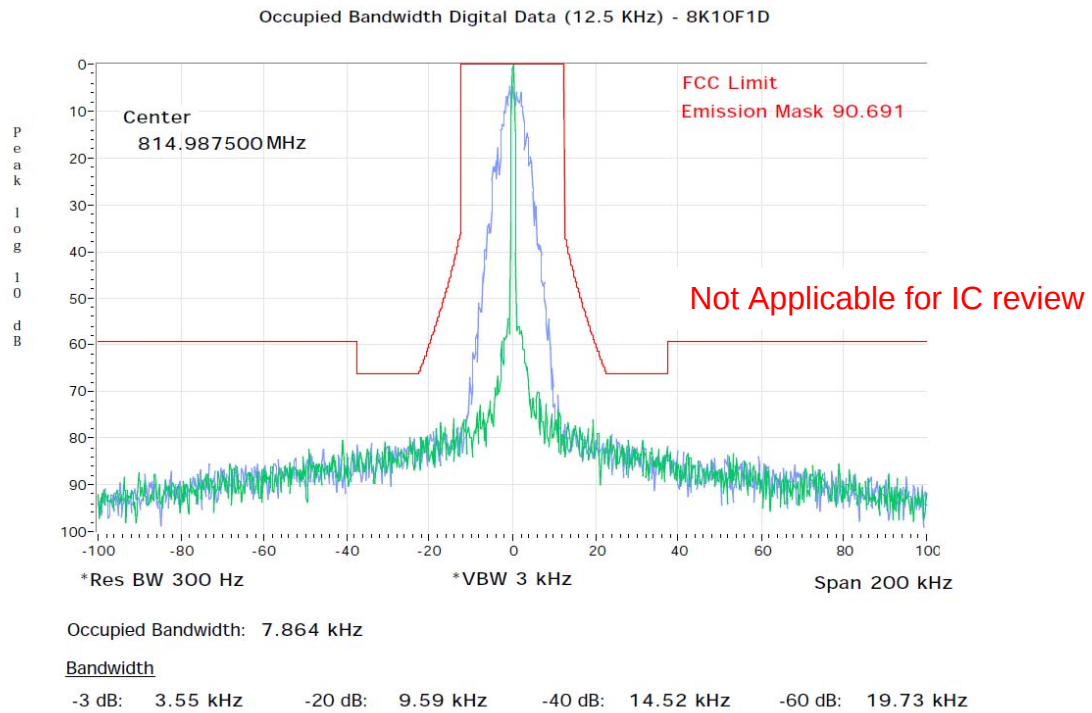


Exhibit 6E- 87: Occupied Bandwidth Digital Data 8K10F1D - Freq 823.9875 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

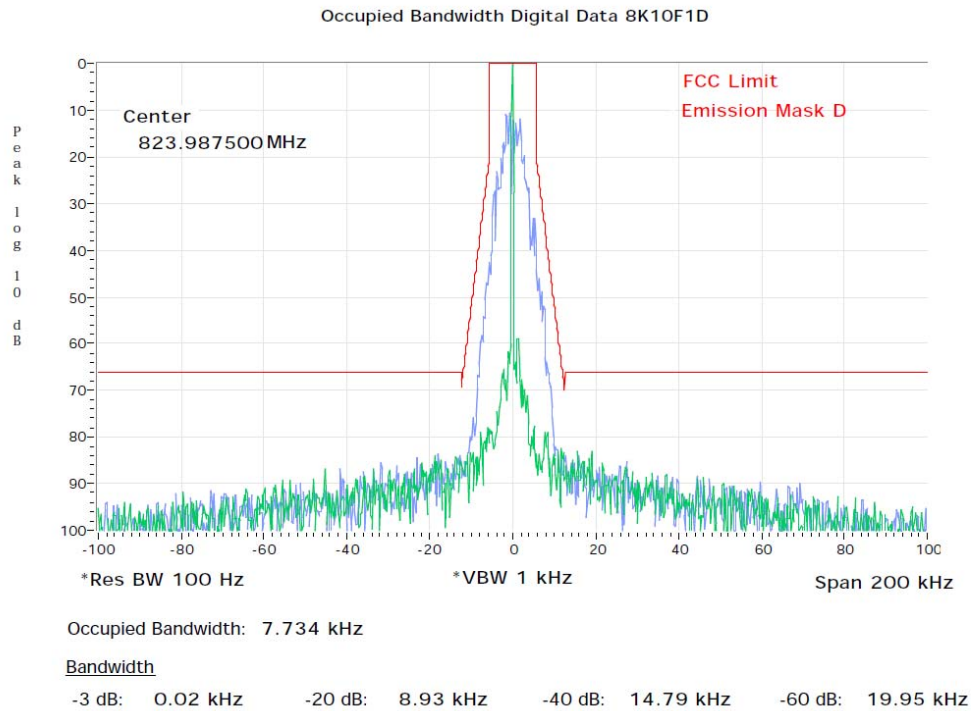


Exhibit 6E- 88: Occupied Bandwidth Digital Data 8K10F1D - Freq 851.0125 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

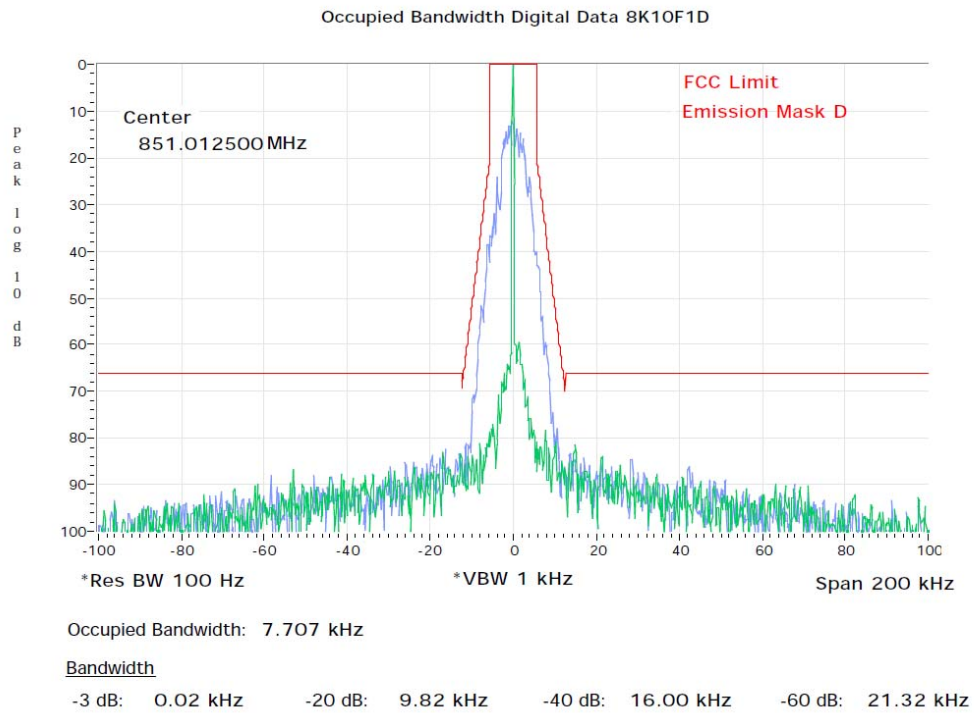
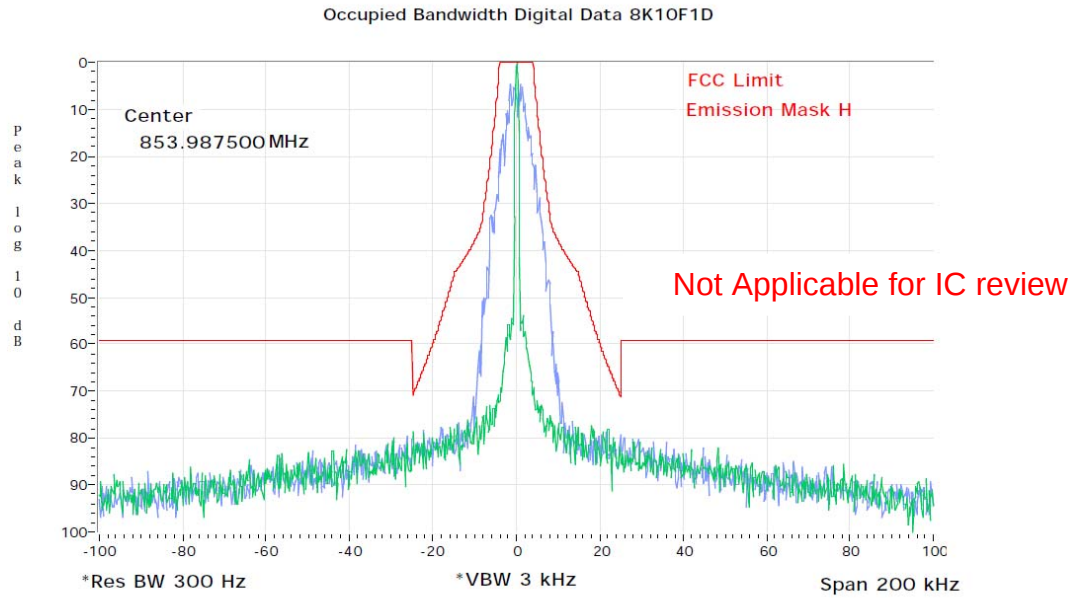


Exhibit 6E- 89: Occupied Bandwidth Digital Data 8K10F1D - Freq 853.9875 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016



Occupied Bandwidth: 7.970 kHz

Bandwidth

-3 dB: 3.34 kHz -20 dB: 9.56 kHz -40 dB: 14.61 kHz -60 dB: 19.17 kHz

Exhibit 6E- 90: Occupied Bandwidth Digital Data 8K10F1D - Freq 860.0125 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

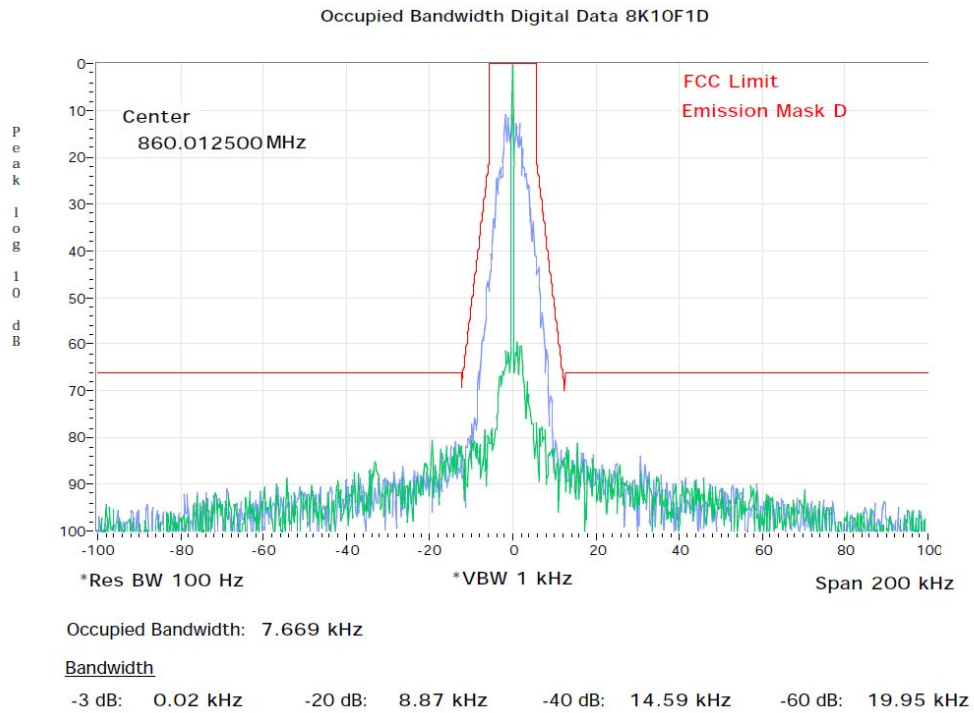
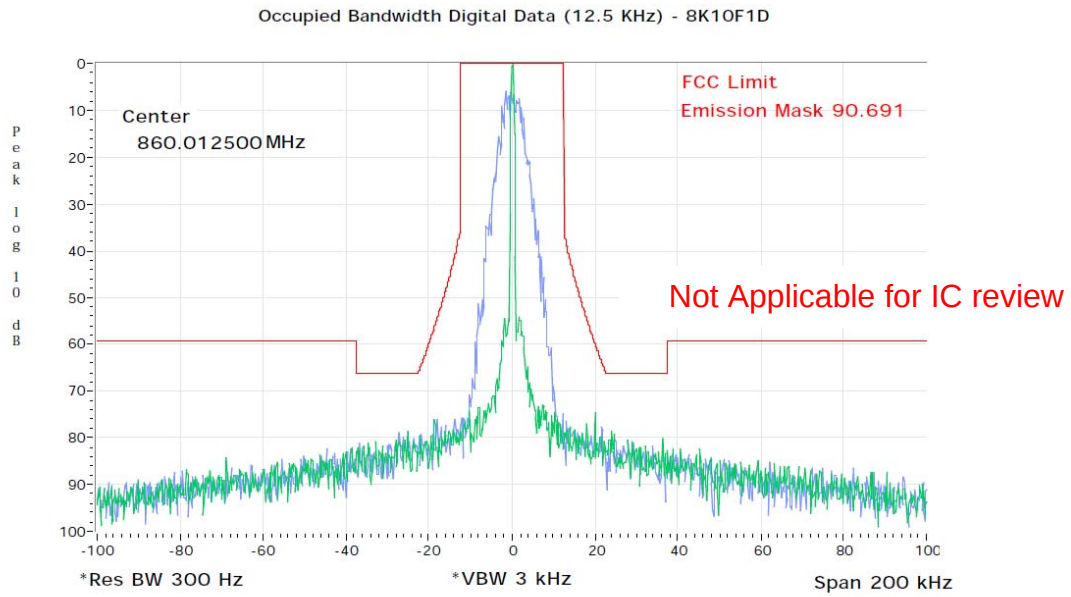


Exhibit 6E- 91: Occupied Bandwidth Digital Data 8K10F1D - Freq 860.0125 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 16, 2016



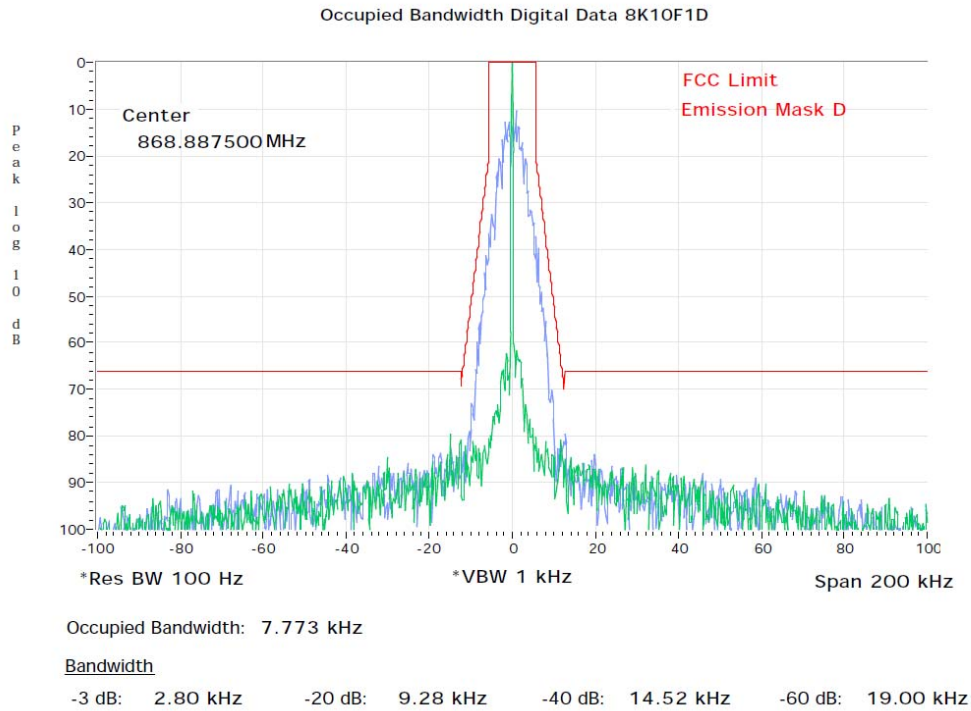
Occupied Bandwidth: 7.822 kHz

Bandwidth

-3 dB: 3.85 kHz -20 dB: 9.53 kHz -40 dB: 14.73 kHz -60 dB: 19.15 kHz

Exhibit 6E- 92: Occupied Bandwidth Digital Data 8K10F1D - Freq 868.8875 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016



Digital (12.5 kHz Channelization, Digital TDMA):

Emission Designator 8K10F1W

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 TSB102.CAAB Section 2.2.5.2.

F1W portion of the designator indicates digital TDMA.

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

Exhibit 6E- 93: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 138.0125 MHz, Ch Sp 12.5 kHz

Date: Mon, Nov 7, 2016

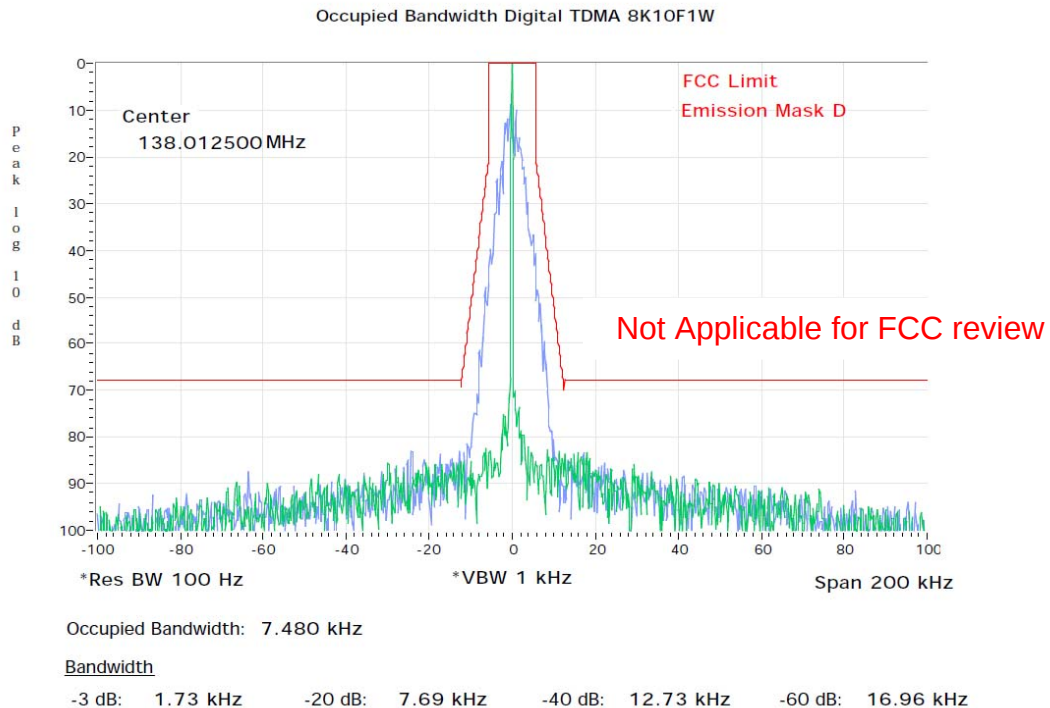


Exhibit 6E- 94: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 158.55 MHz, Ch Sp 12.5 kHz

Date: Wed, Oct 5, 2016

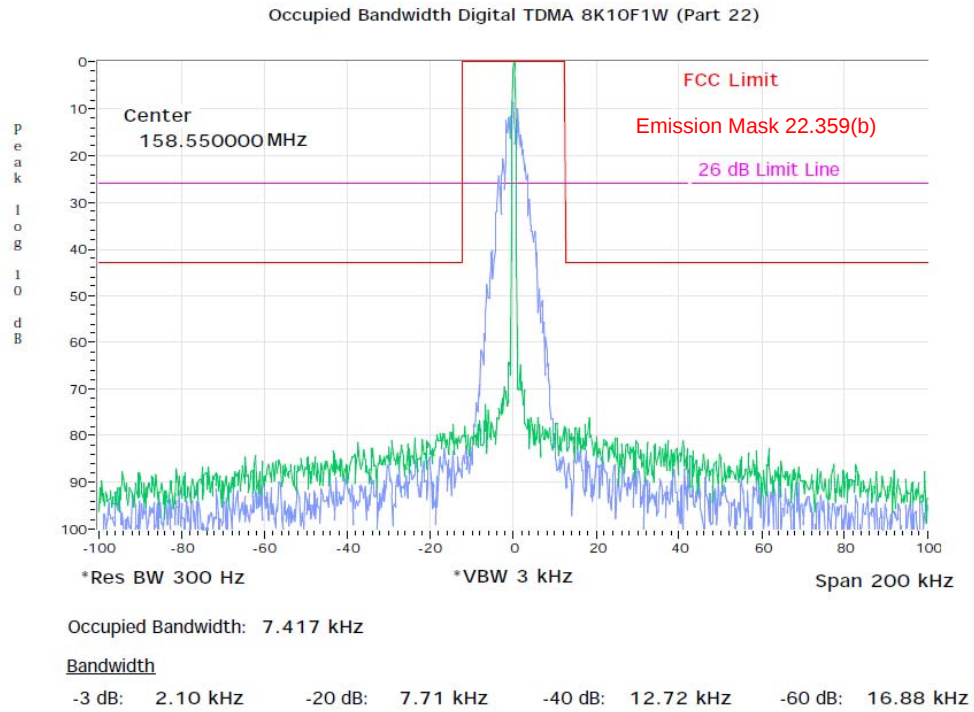
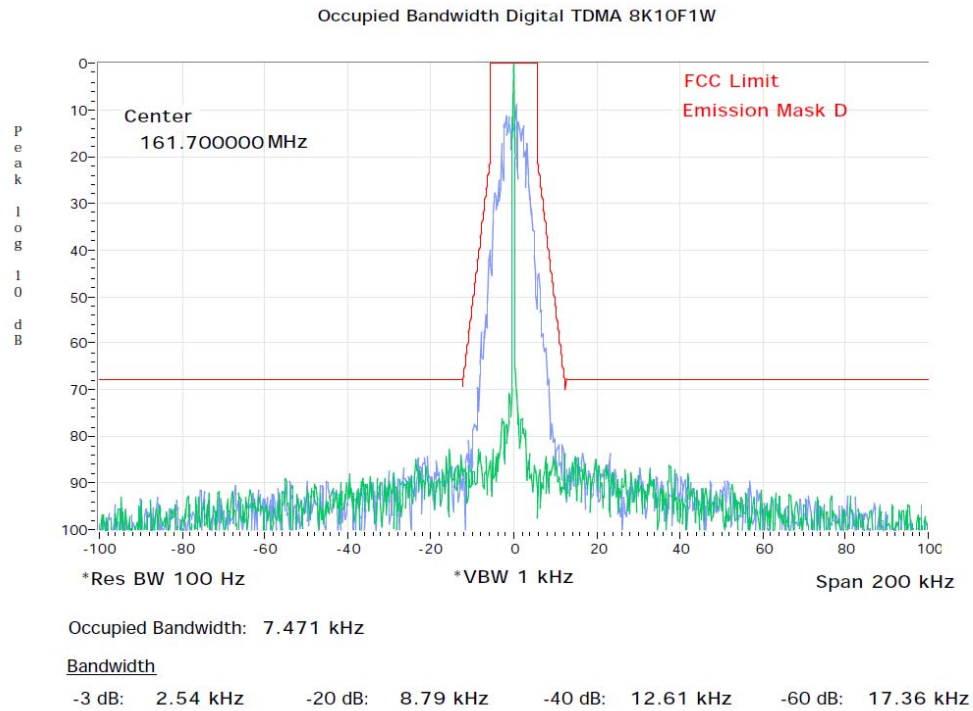


Exhibit 6E- 95: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 161.7 MHz, Ch Sp 12.5 kHz

Date: Mon, Nov 7, 2016



**Exhibit 6E- 96: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 173.3875 MHz, Ch Sp
12.5 kHz**

Date: Wed, Nov 9, 2016

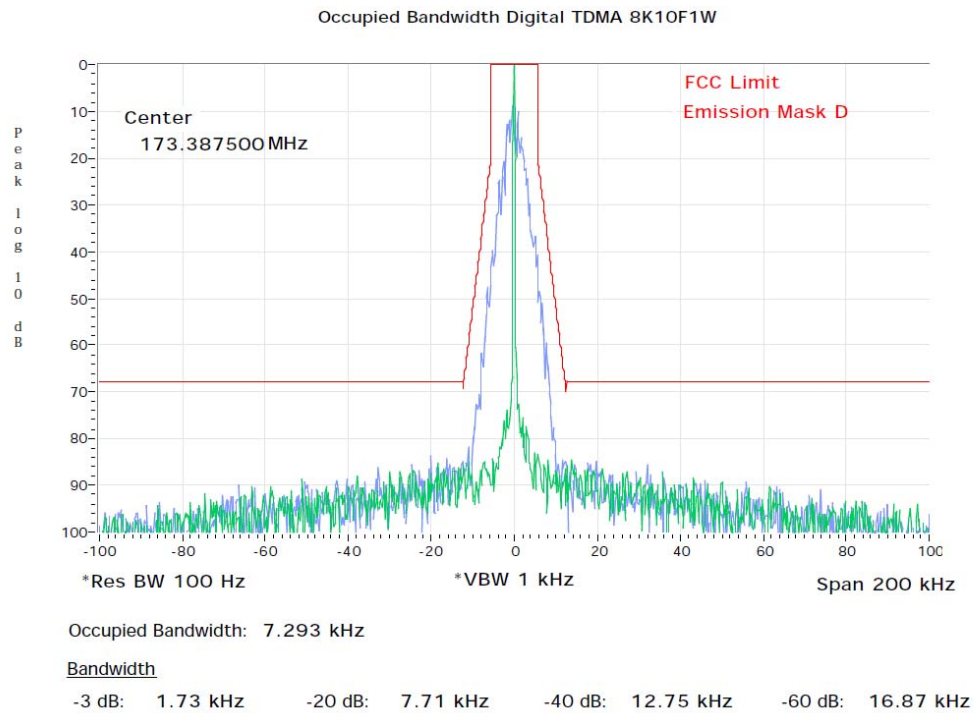


Exhibit 6E- 97: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 406.2 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 9, 2016

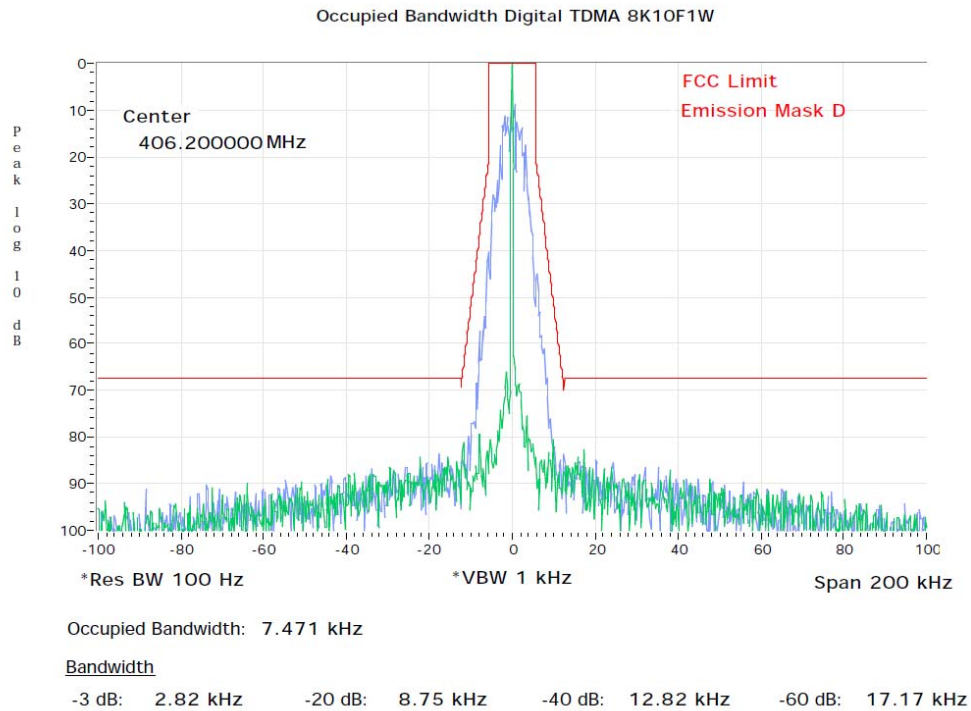


Exhibit 6E- 98: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 450.65 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 9, 2016

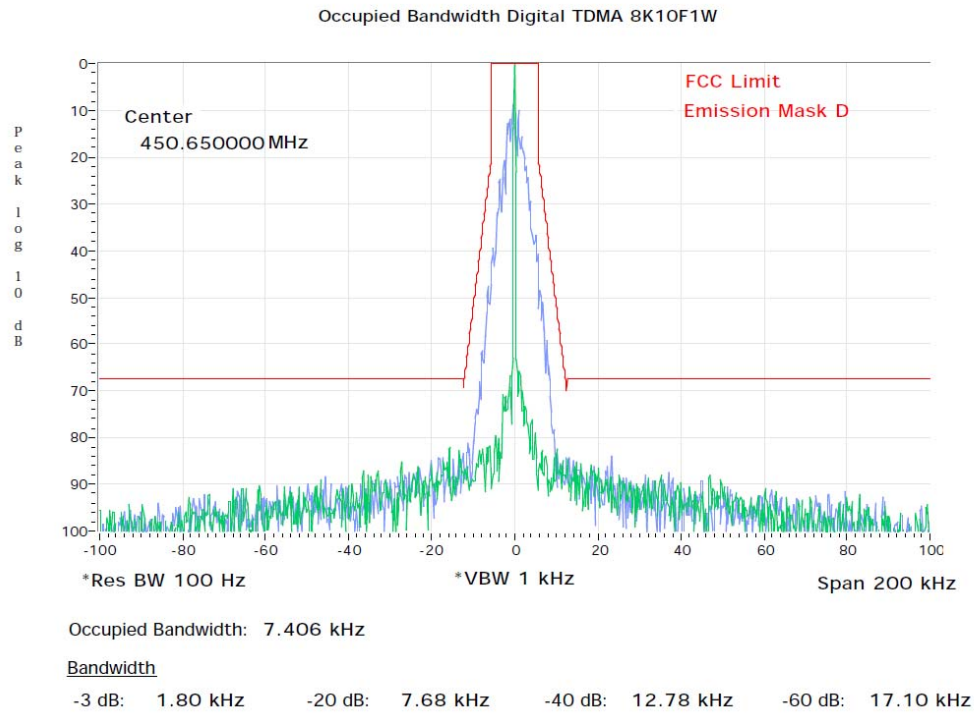


Exhibit 6E- 99: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 459.125 MHz, Ch Sp 12.5 kHz

Date: Wed, Sep 14, 2016

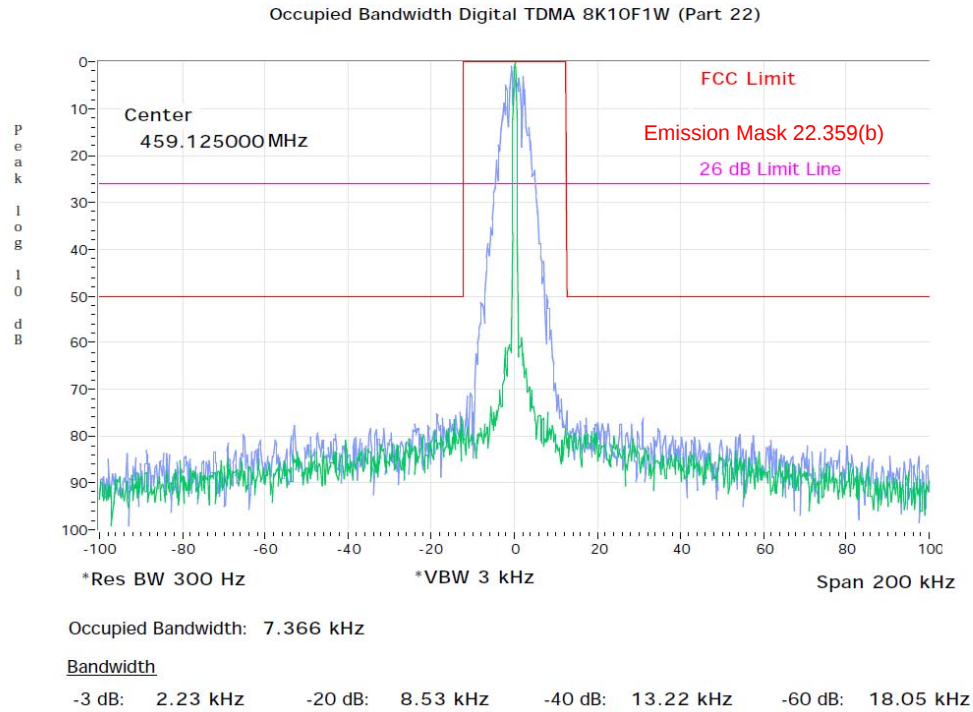


Exhibit 6E- 100: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 467.775 MHz, Ch Sp 12.5 kHz

Date: Mon, Nov 7, 2016

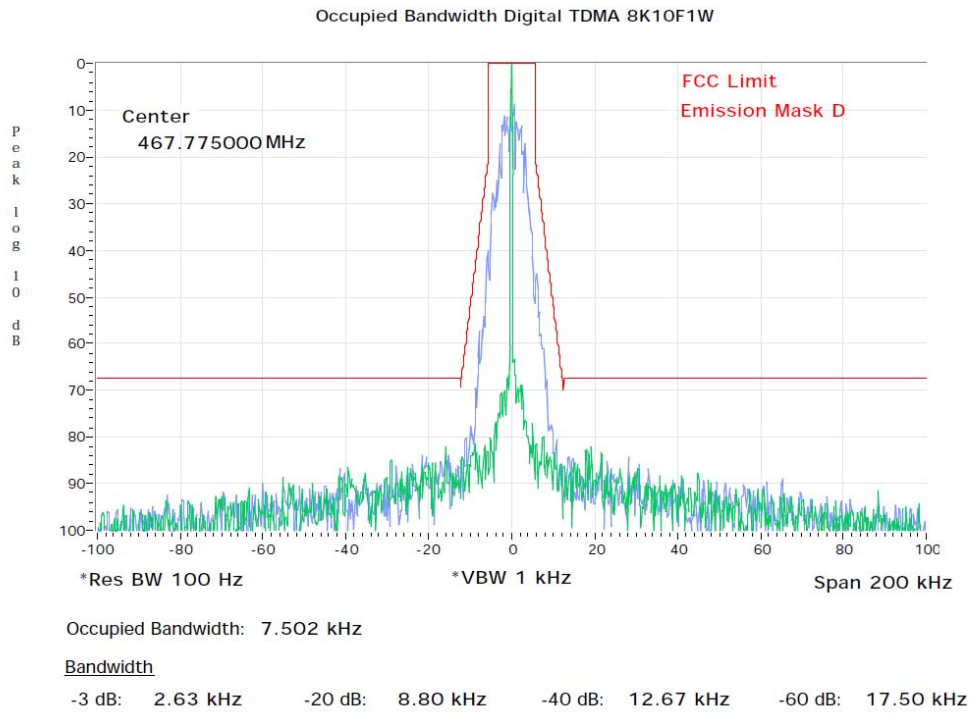


Exhibit 6E- 101: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 806.0125 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

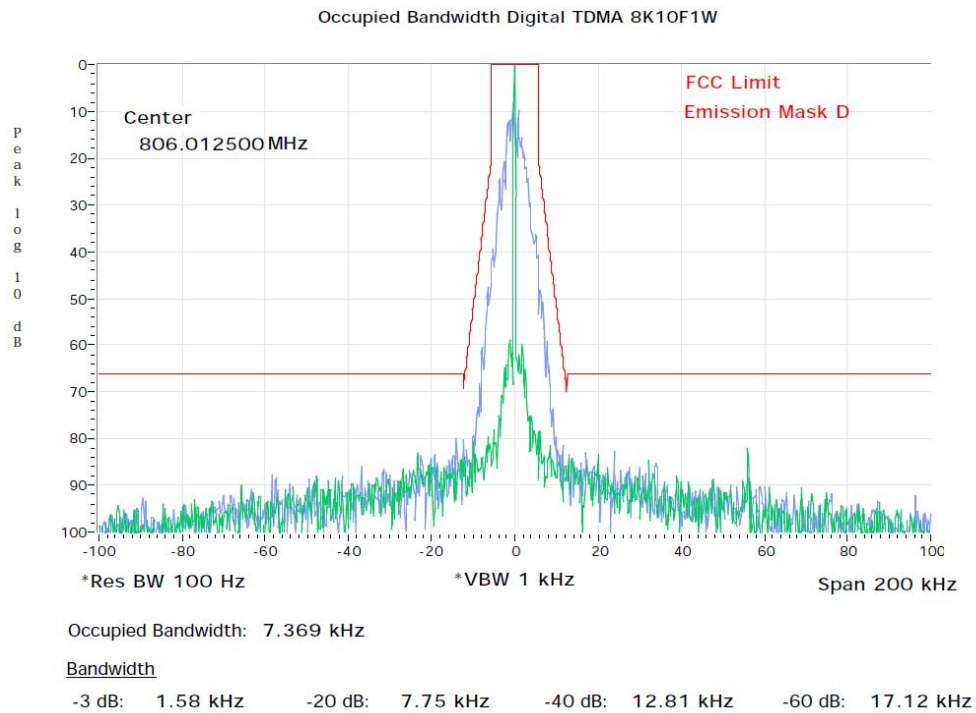


Exhibit 6E- 102: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 806.0125 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 9, 2016

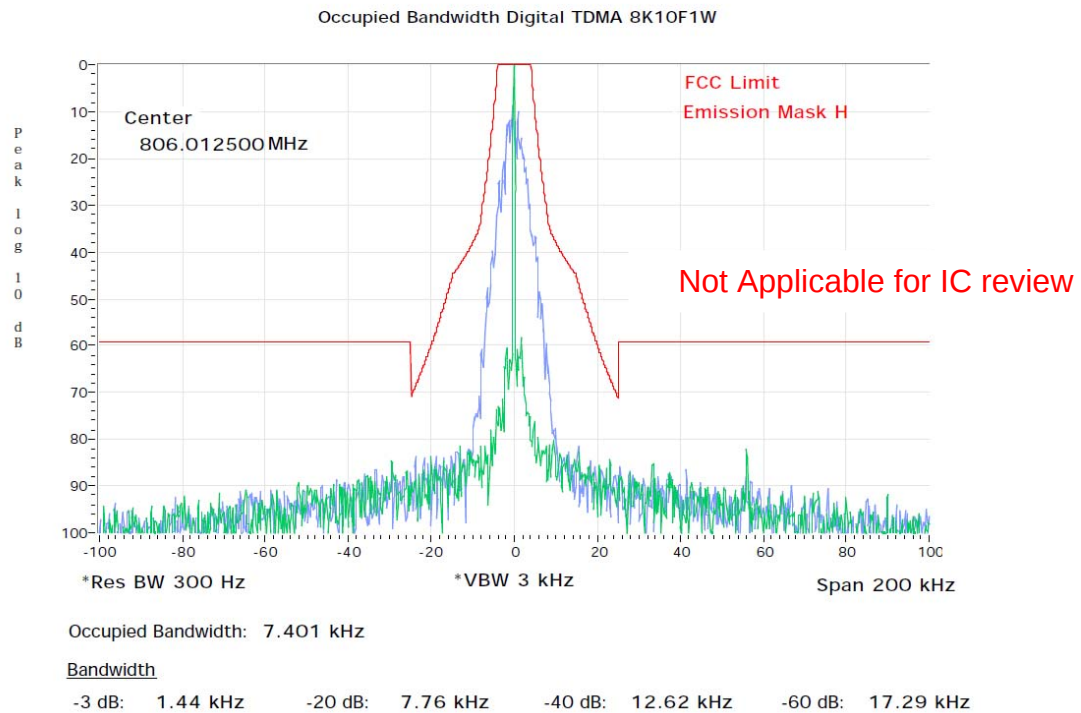


Exhibit 6E- 103: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 814.9875 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 9, 2016

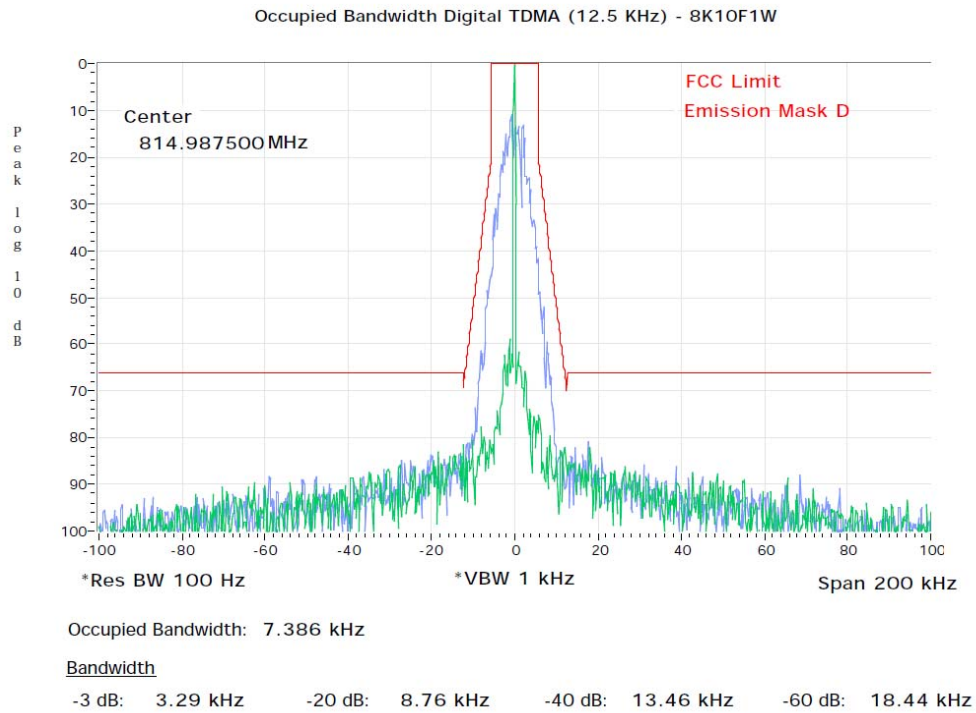


Exhibit 6E- 104: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 814.9875 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 16, 2016

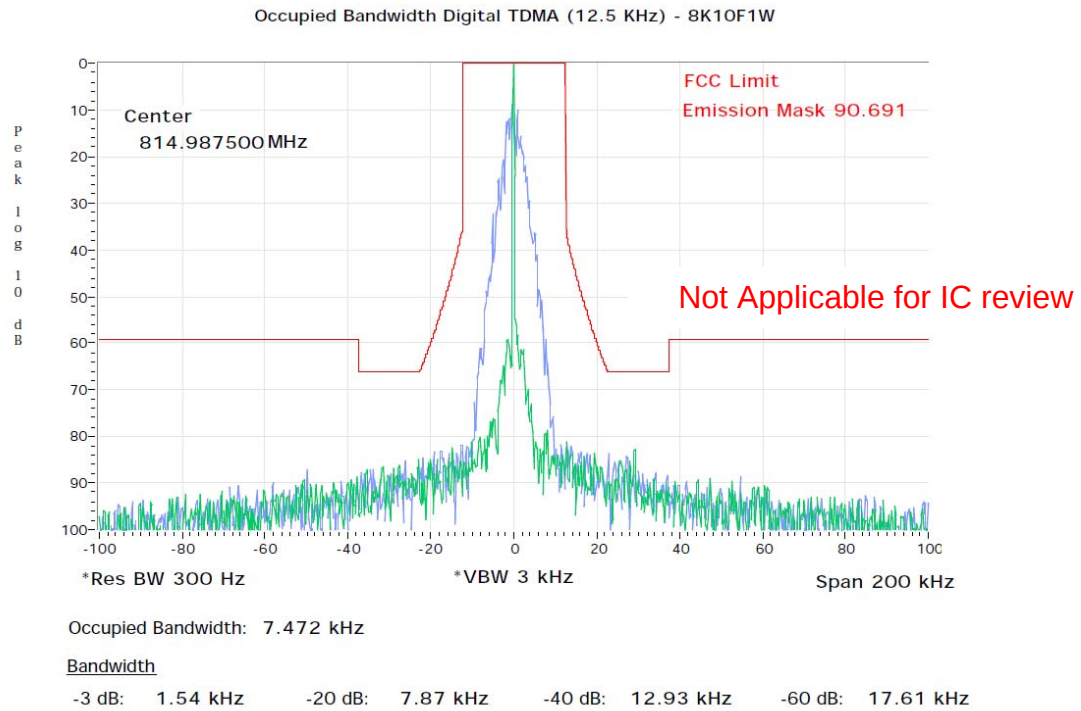


Exhibit 6E- 105: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 823.9875 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

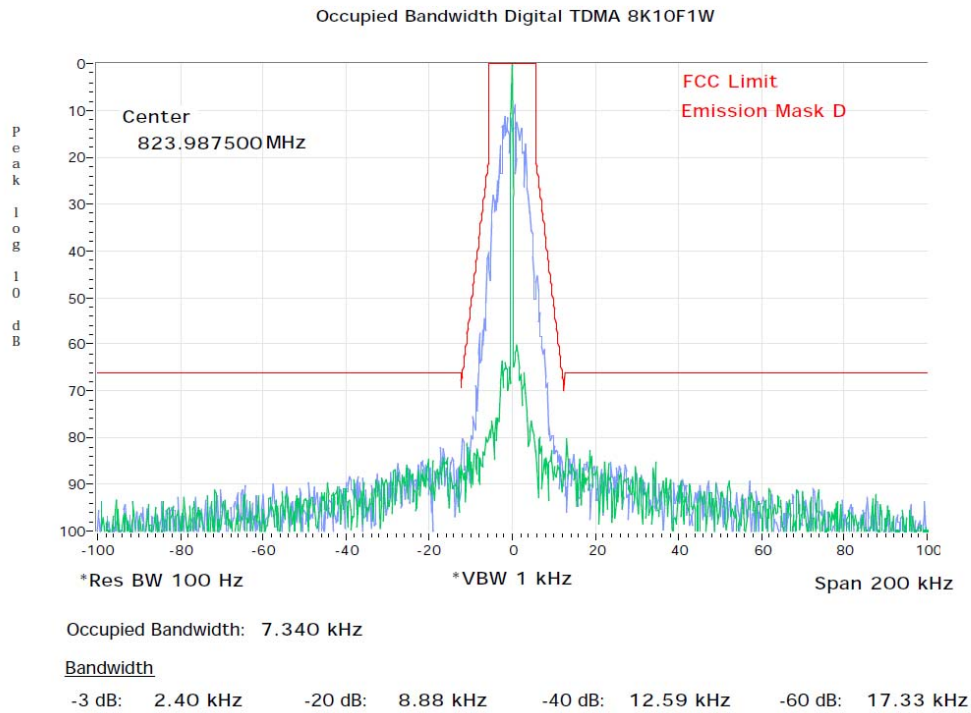


Exhibit 6E- 106: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 851.0125 MHz, Ch Sp 12.5 kHz

Date: Tue, Nov 8, 2016

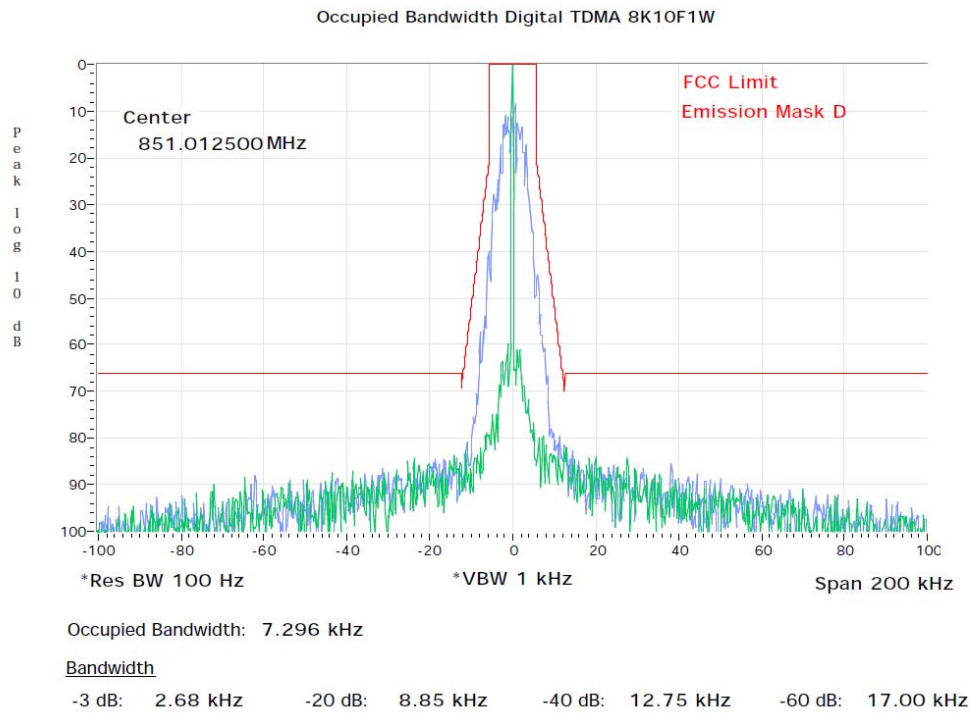


Exhibit 6E- 107: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 853.9875 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 9, 2016

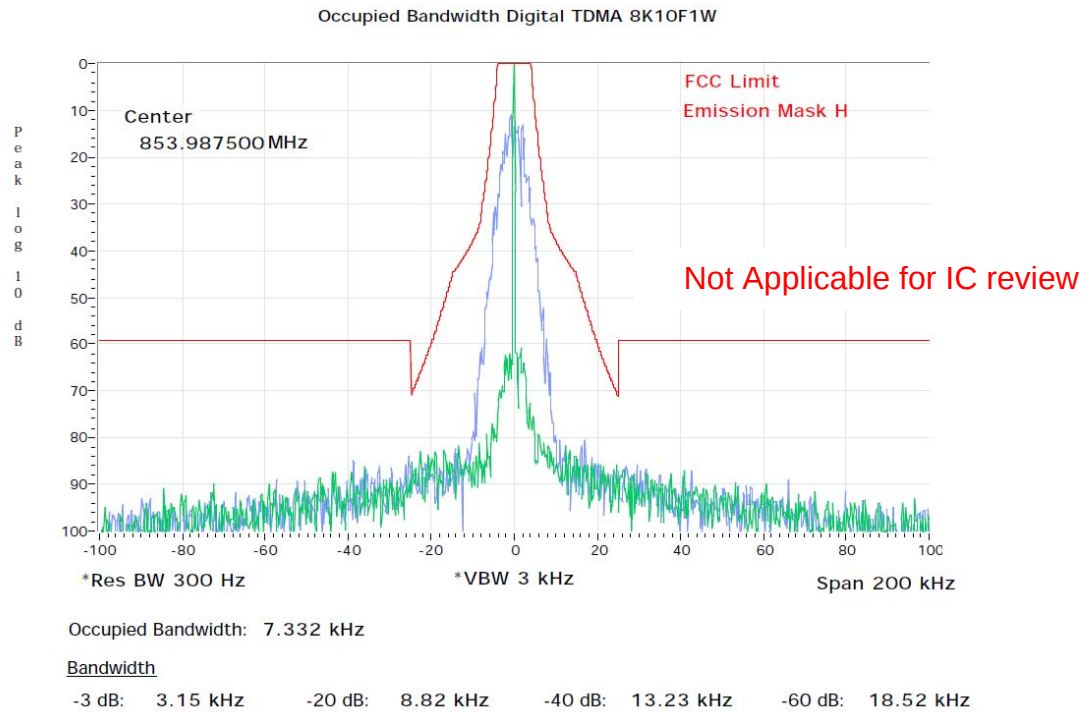


Exhibit 6E- 108: Occupied Bandwidth Digital TDMA 8K10F1W - Freq 860.0125 MHz, Ch Sp 12.5 kHz

Date: Wed, Nov 9, 2016

