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Appendix B: 802.11ax Test Plot	FCC ID A3LSMX808U

REVISION HISTORY

The revision history for this document is shown in table.

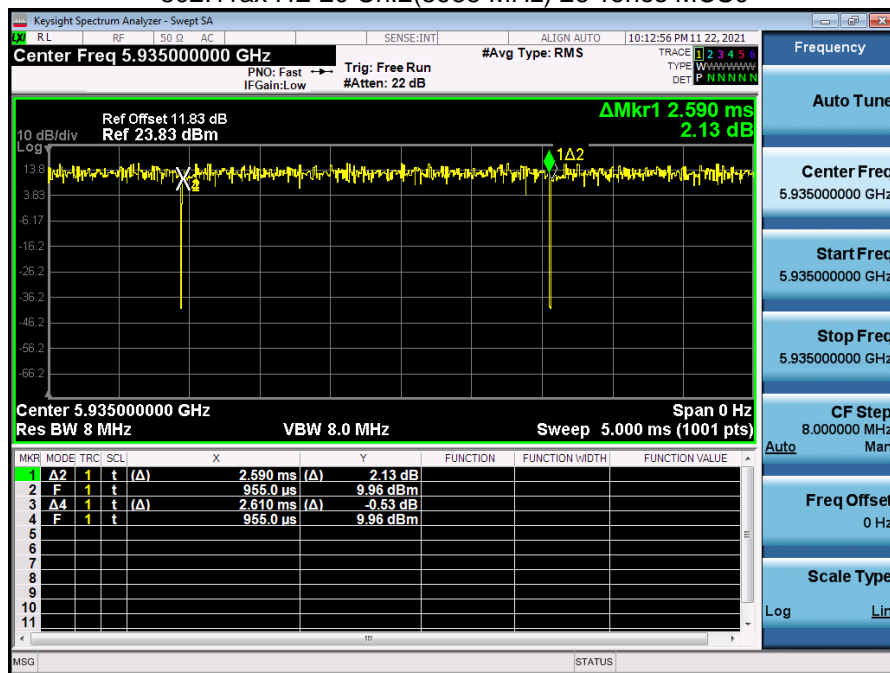| Revision No.	Date of Issue	Description
0	November 29, 2021	Initial Release

<u>Note:</u>

In order to simplify the report, attached plots were only the most lowest datarate.
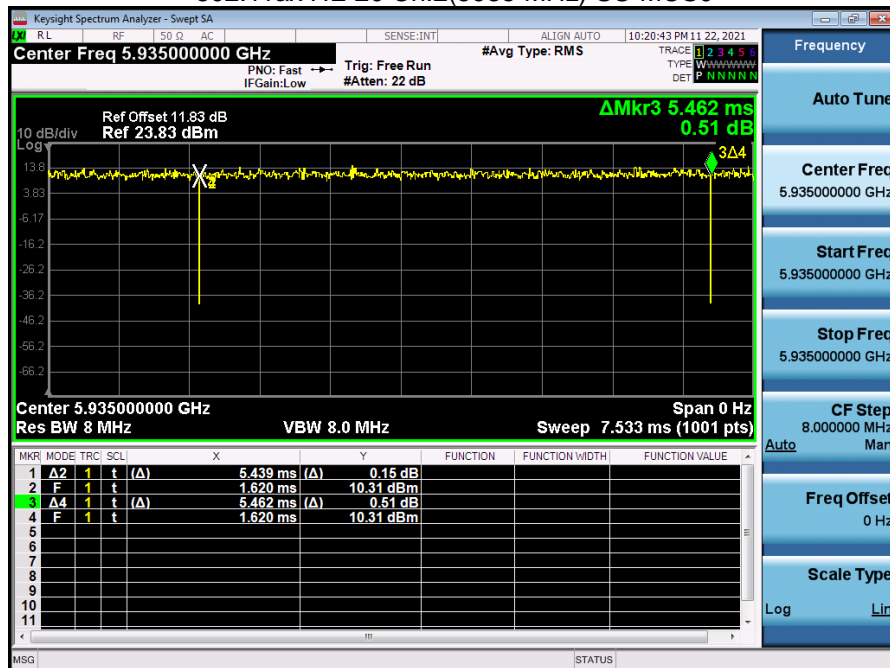
1. Duty Cycle

Note:

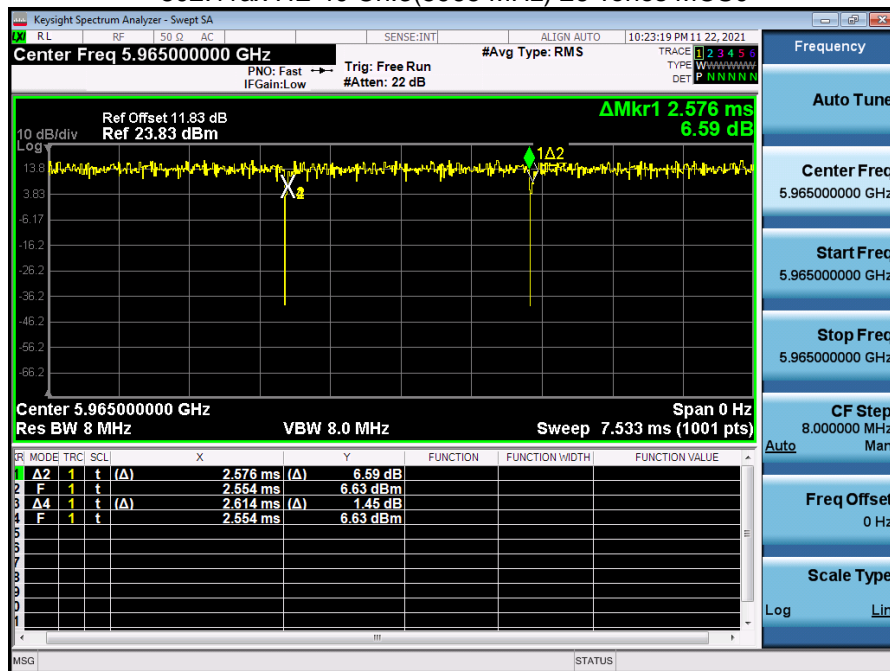In order to simplify the report, attached plots were only the most lowest datarate .
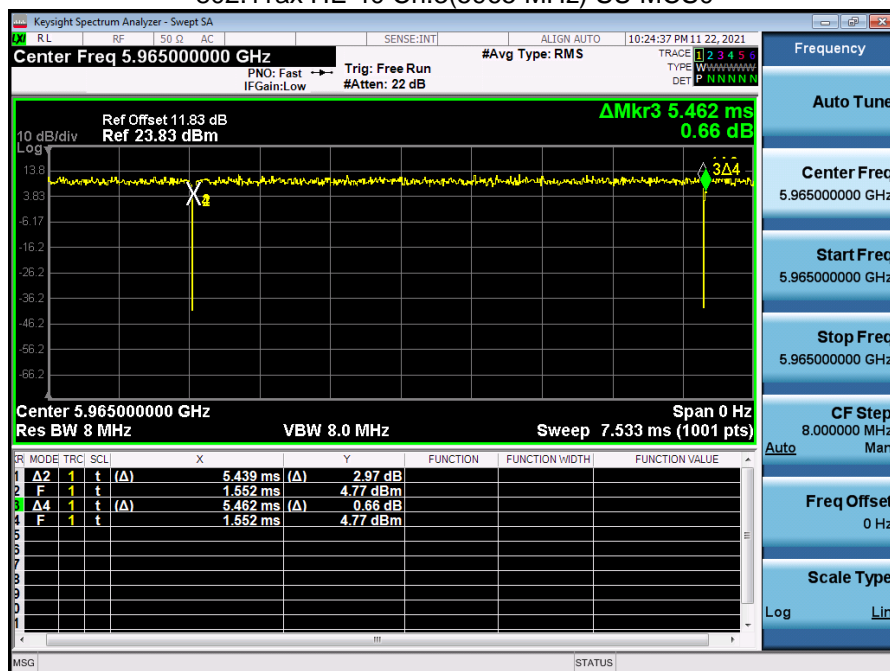
802.11ax HE 20 Ch.2(5935 MHz) 26 Tones MCS0
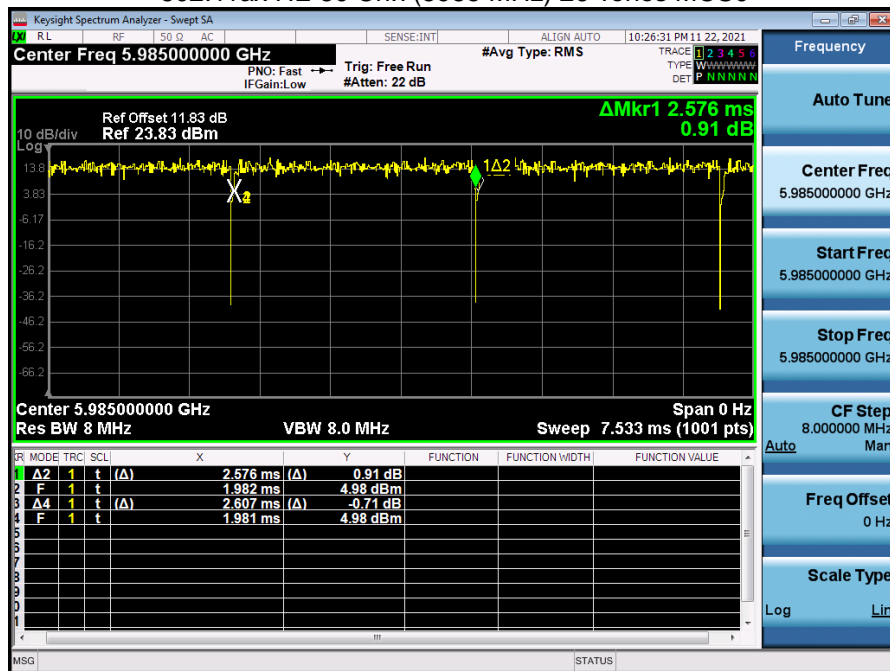

802.11ax HE 20 Ch.2(5935 MHz) SU MCS0

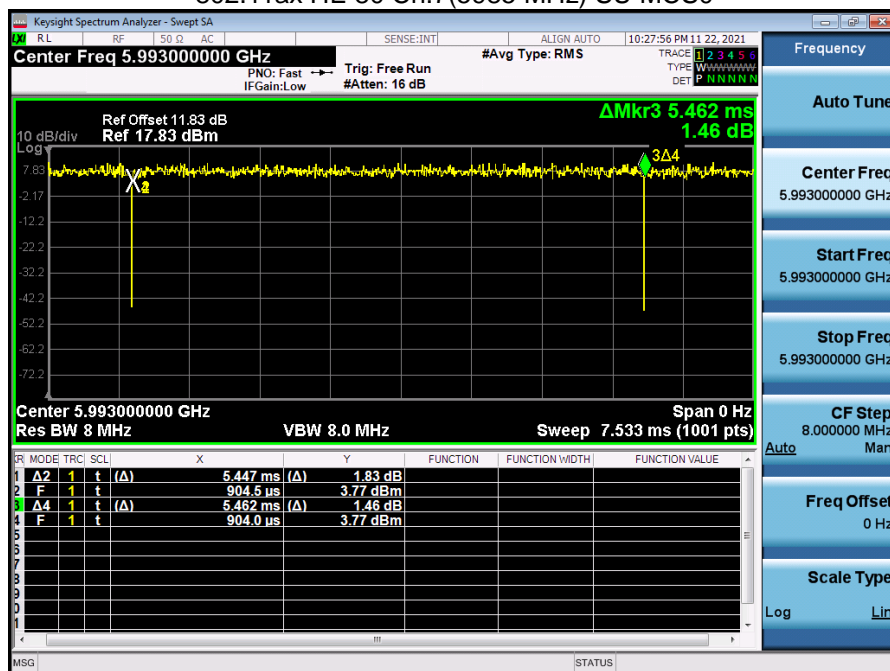## 802.11ax HE 40 Ch.3(5965 MHz) 26 Tones MCS0
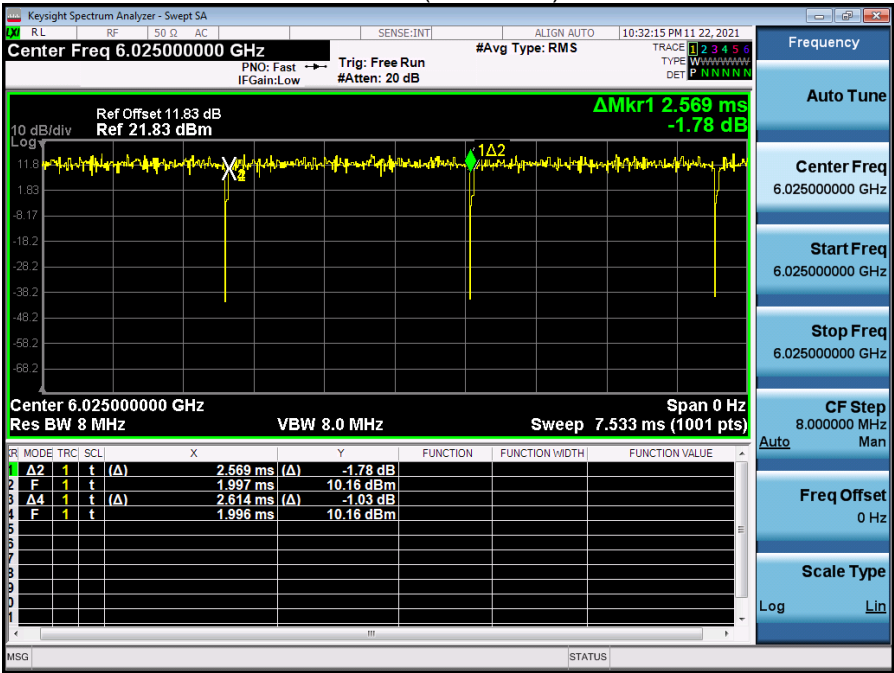

802.11ax HE 40 Ch.3(5965 MHz) SU MCS0

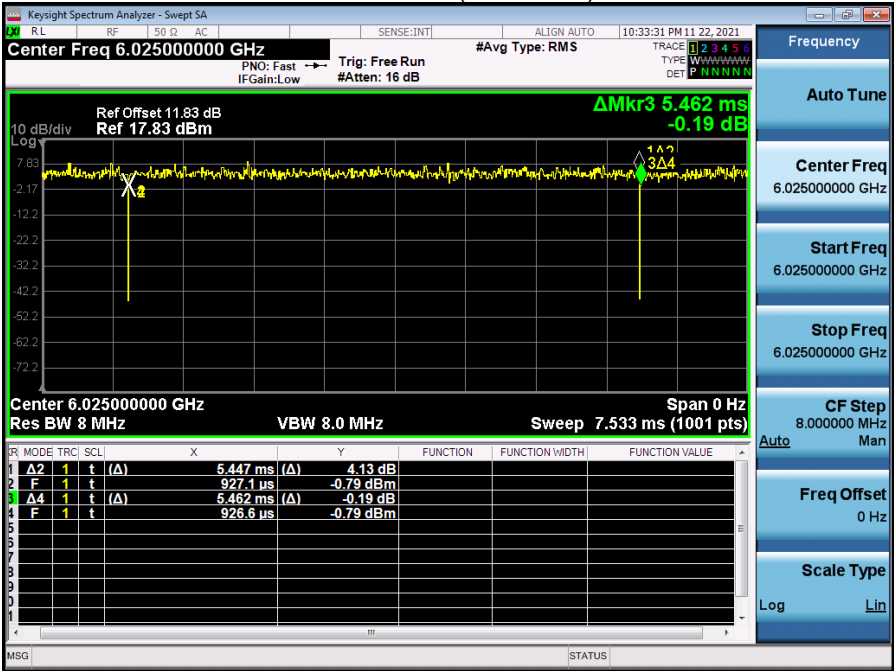## 802.11ax HE 80 Ch.7(5985 MHz) 26 Tones MCS0

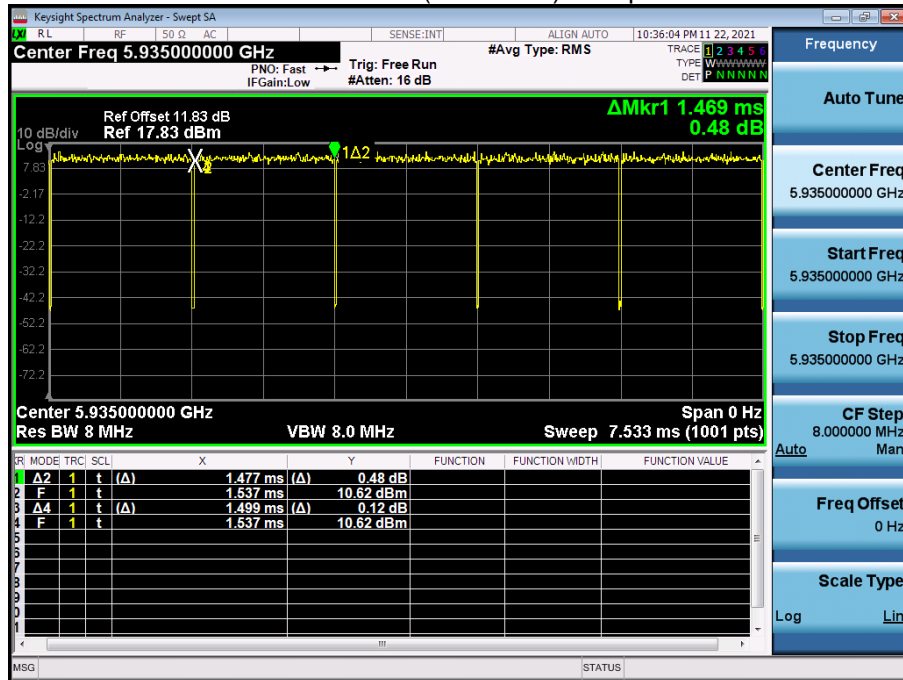## 802.11ax HE 80 Ch.7(5985 MHz) SU MCS0

802.11ax HE 160 Ch.15(6025 MHz) 26 Tones MCS0

802.11ax HE 160 Ch.15(6025 MHz) SU MCS0
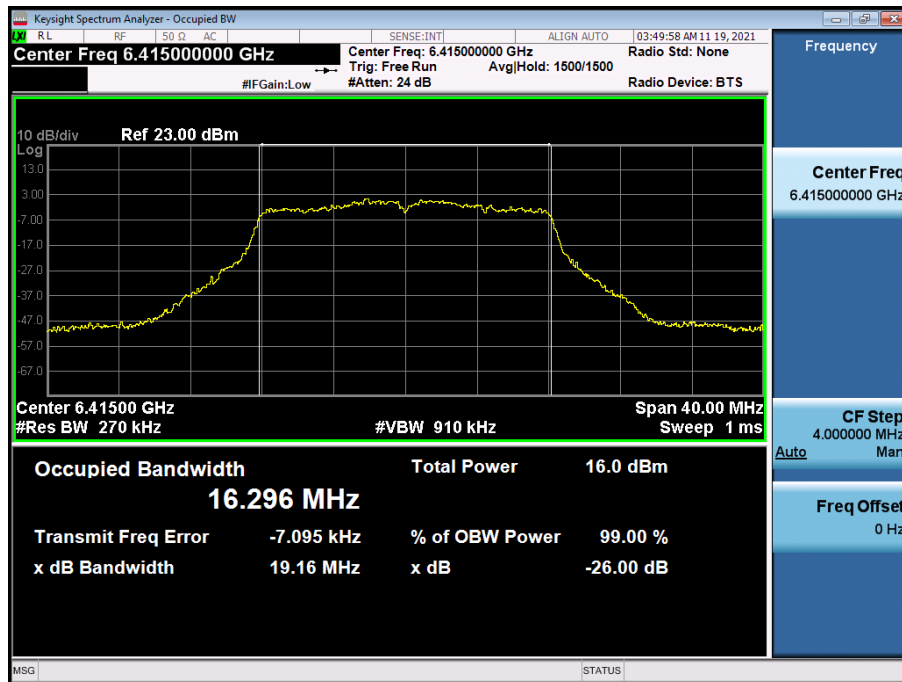
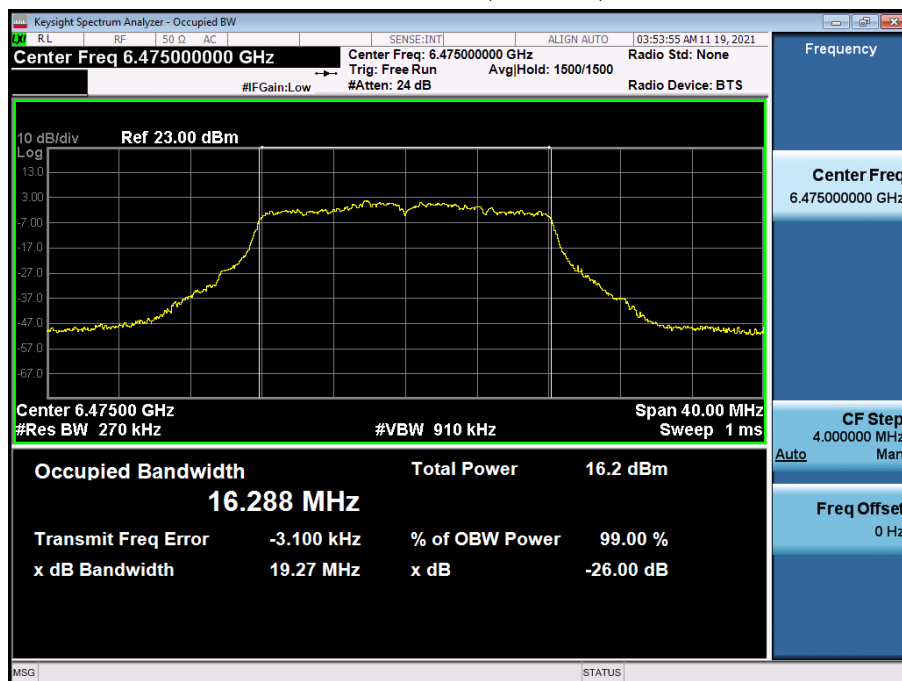## 802.11a Ch.2(5935 MHz) 6 Mbps

2. 26dB Bandwidth

<u>Note:</u>

1. In order to simplify the report, attached plots were only Ant.2 (Worst Case: Ant.2).

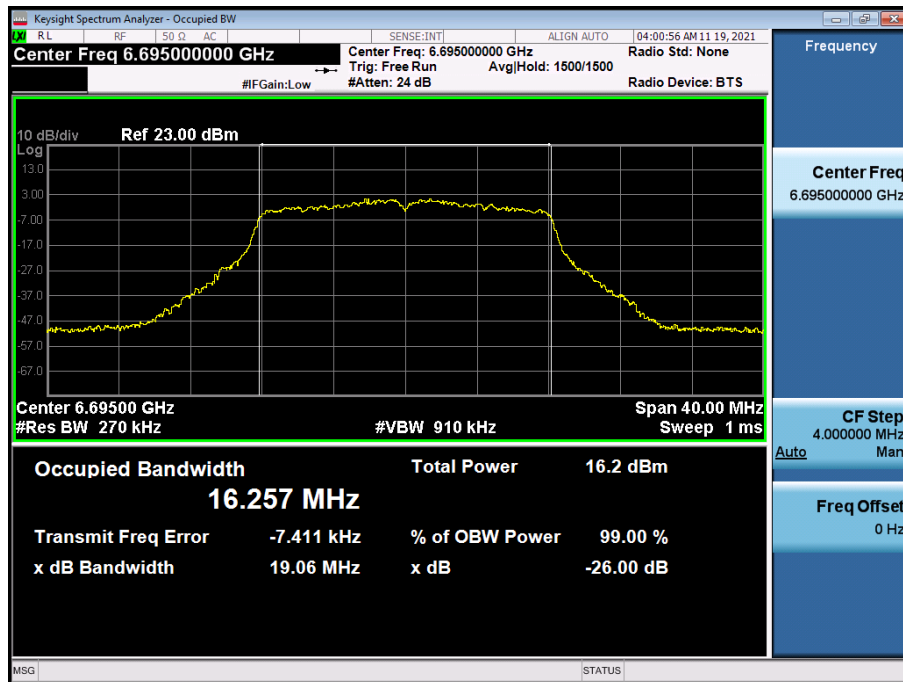2. In order to simplify the report, attached plots were only the most wide channel.
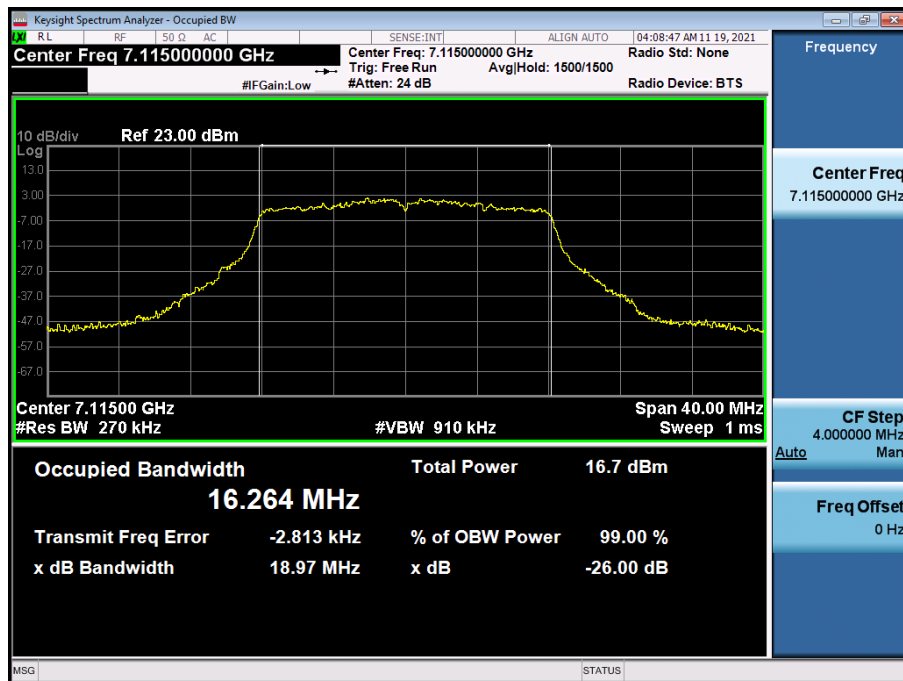
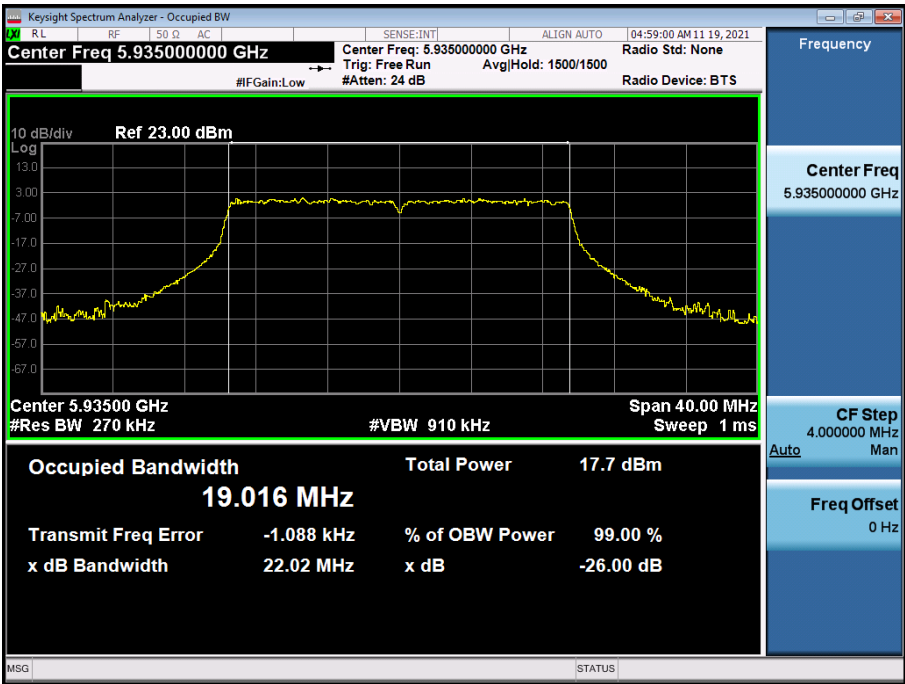802.11a Ch.93(6415 MHz)

802.11a Ch.105(6475 MHz)
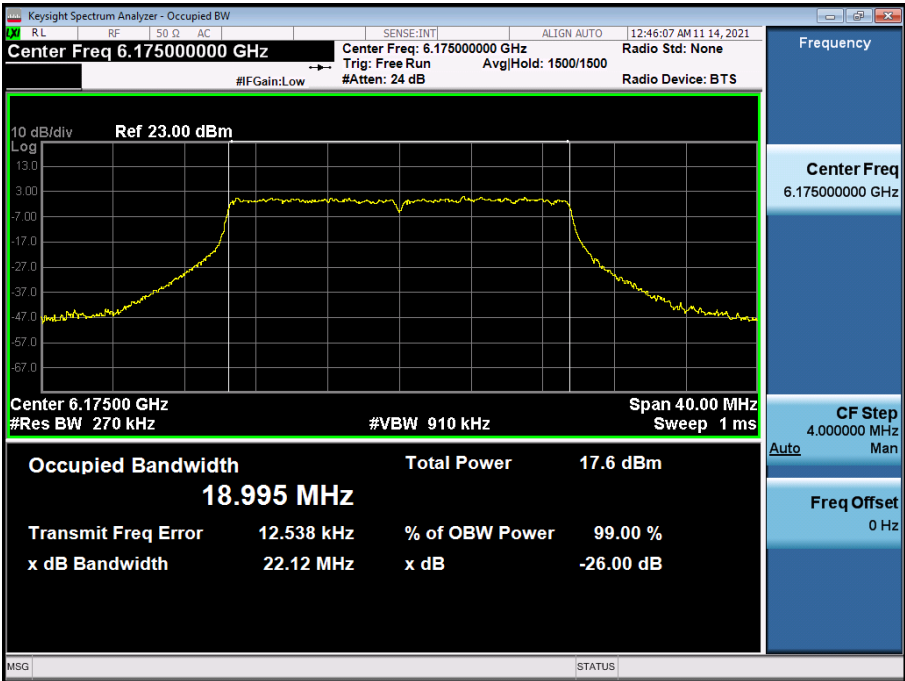
802.11a Ch.149(6695 MHz)

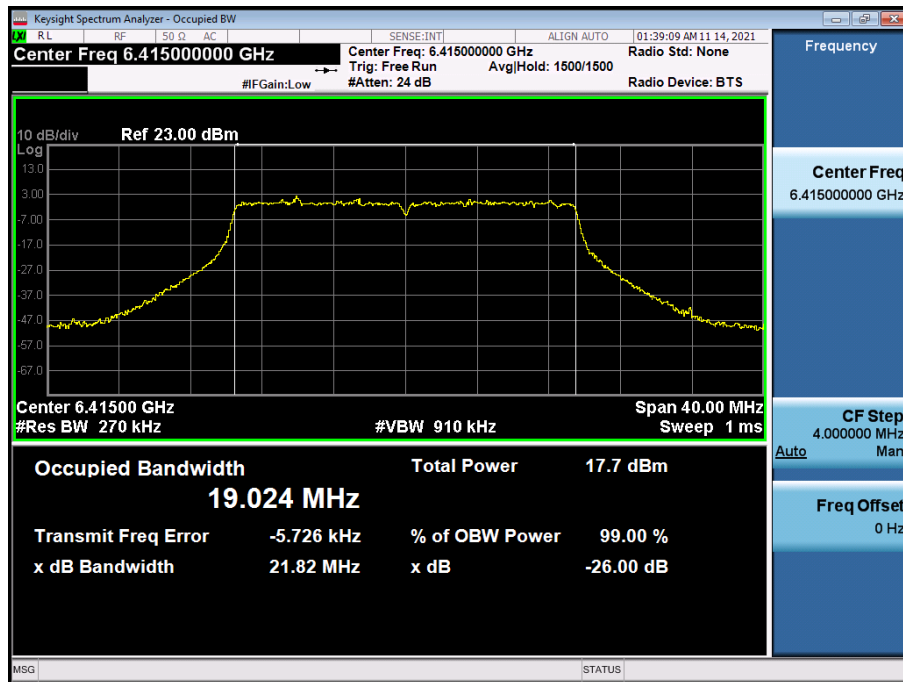802.11a Ch.233(7115 MHz)

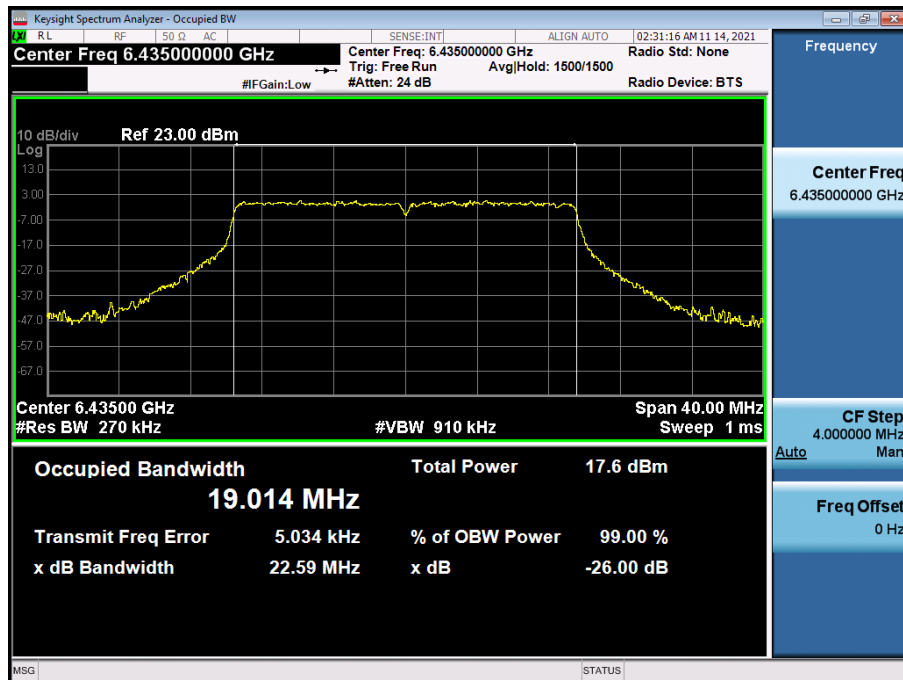802.11ax HE20 Ch.2(5935 MHz) 242 Tones 61 RU

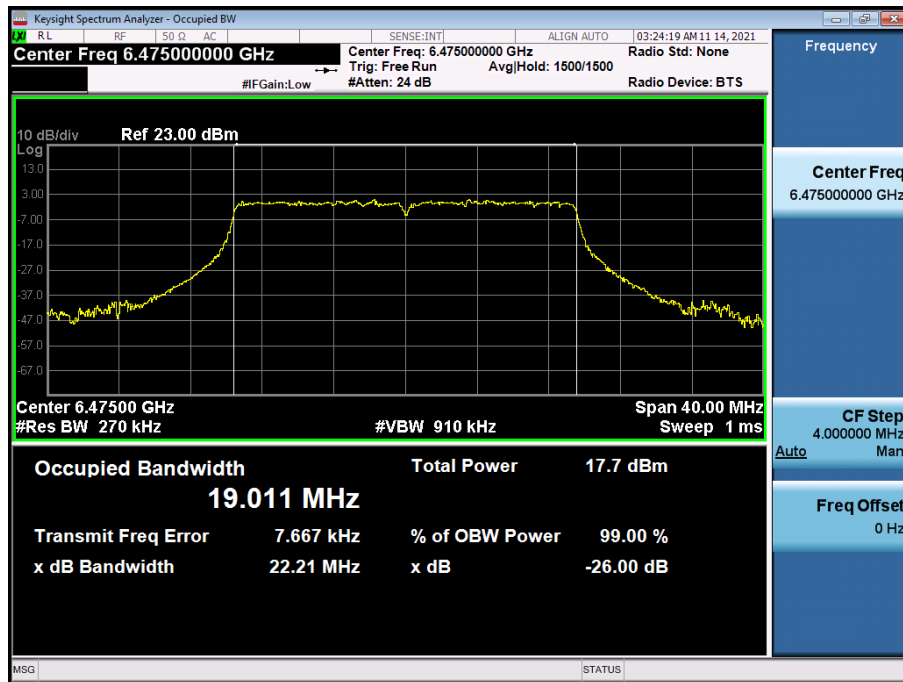802.11ax HE20 Ch.45(6175 MHz) 242 Tones 61 RU
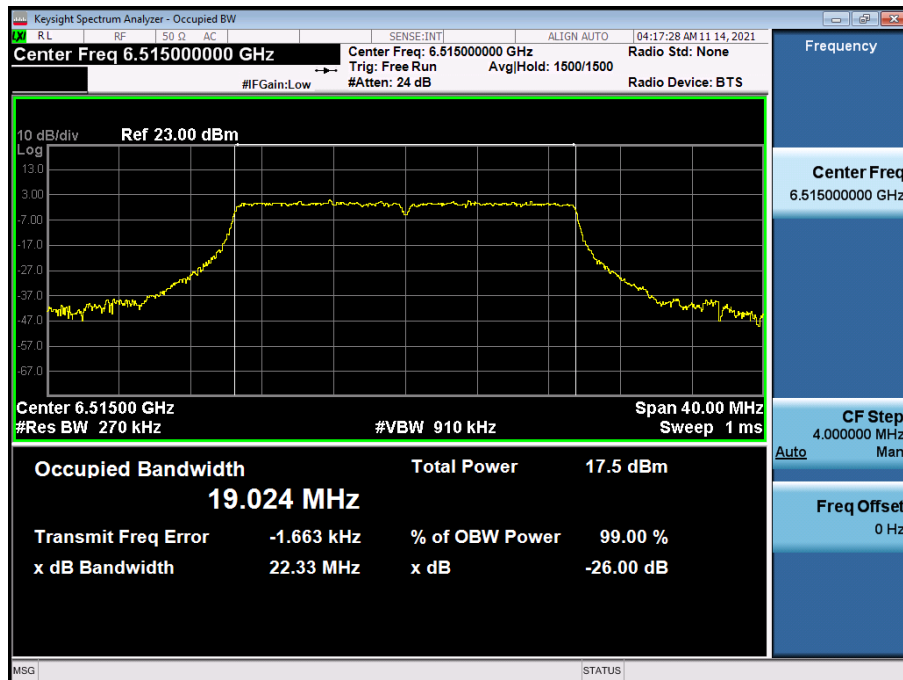
802.11ax HE20 Ch.93(6415 MHz) 242 Tones 61 RU

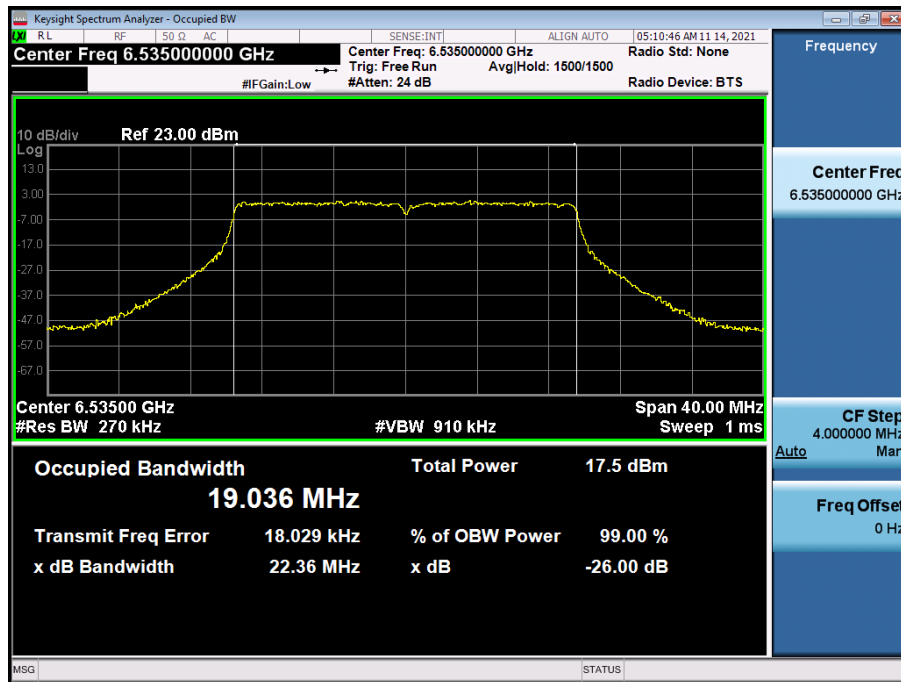802.11ax HE20 Ch.97(6435 MHz) 242 Tones 61 RU

802.11ax HE20 Ch.105(6475 MHz) 242 Tones 61 RU

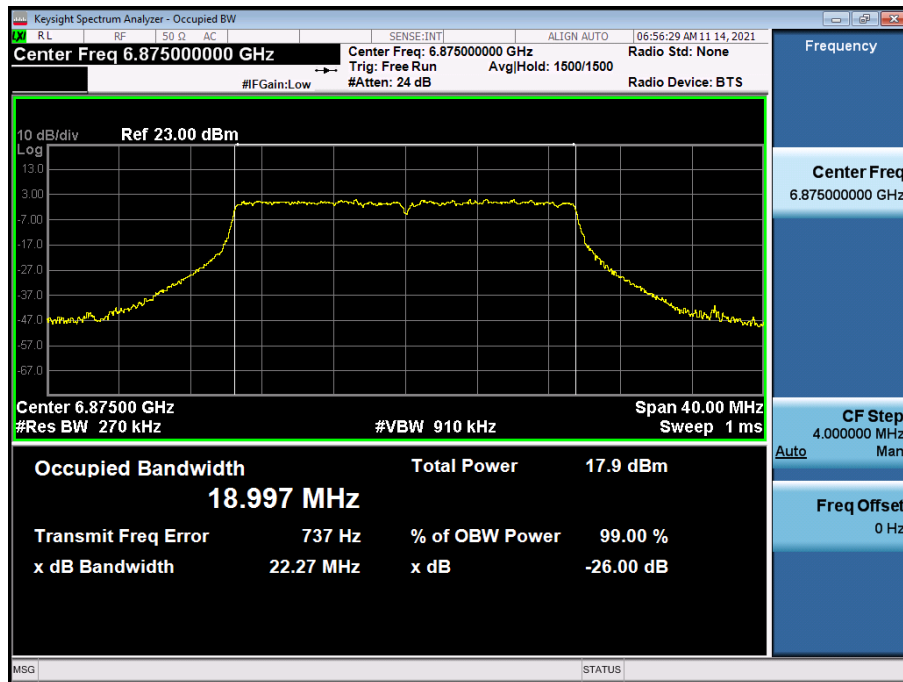802.11ax HE20 Ch.113(6515 MHz) 242 Tones 61 RU

802.11ax HE20 Ch.117(6535 MHz) 242 Tones 61 RU

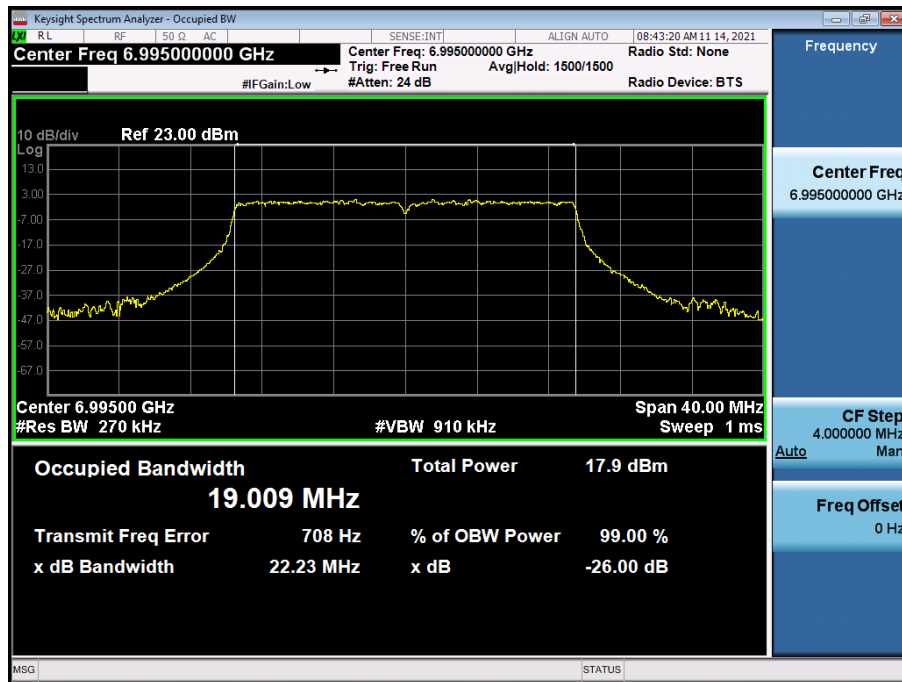802.11ax HE20 Ch.149(6695 MHz) 242 Tones 61 RU
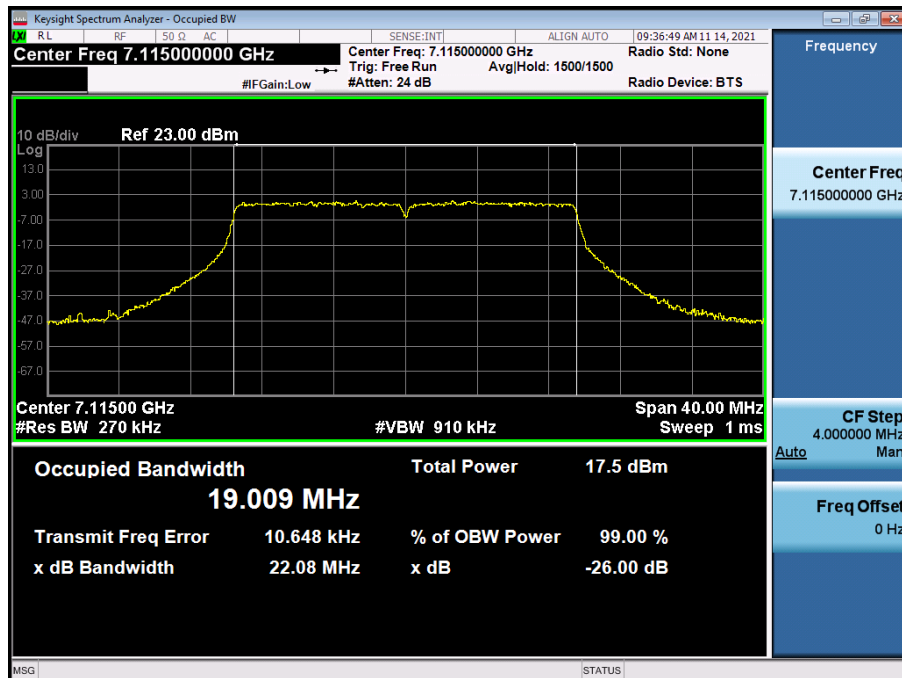
802.11ax HE20 Ch.185(6875 MHz) 242 Tones 61 RU

802.11ax HE20 Ch.189(6895 MHz) 242 Tones 61 RU
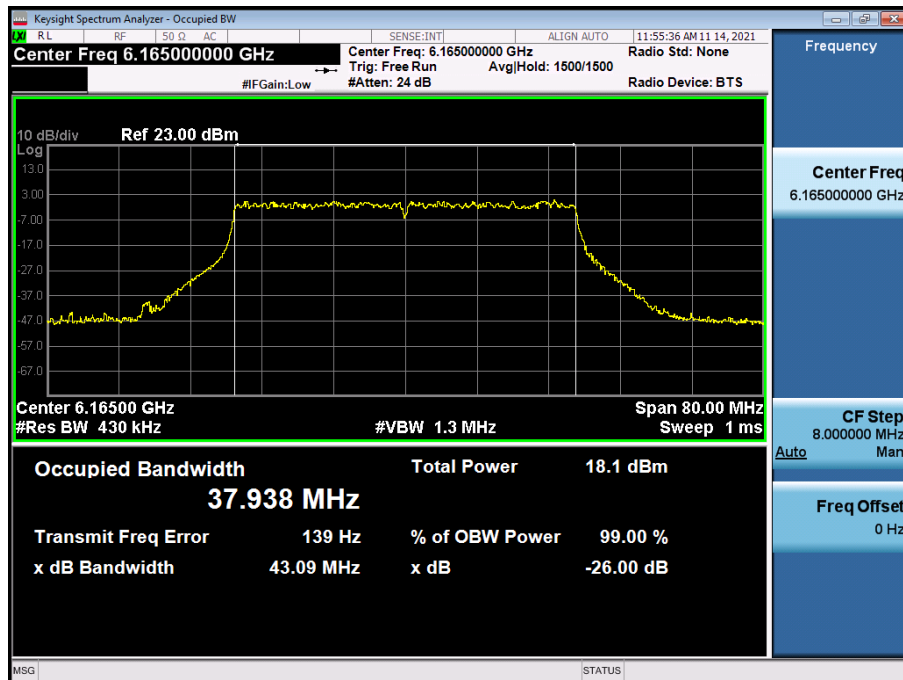
802.11ax HE20 Ch.209(6995 MHz) 242 Tones 61 RU
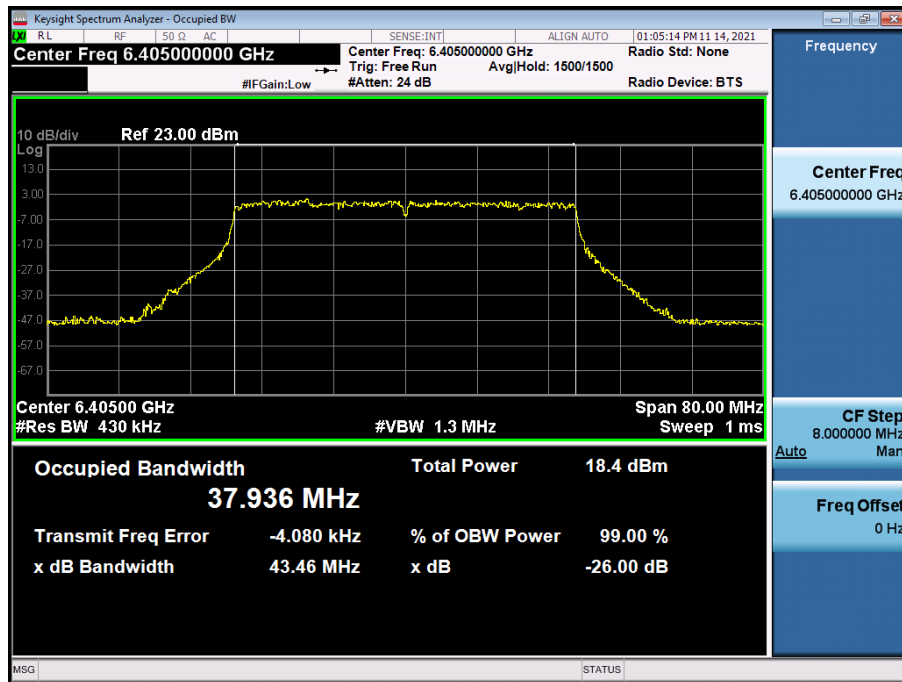

802.11ax HE20 Ch.233(7115 MHz) 242 Tones 61 RU
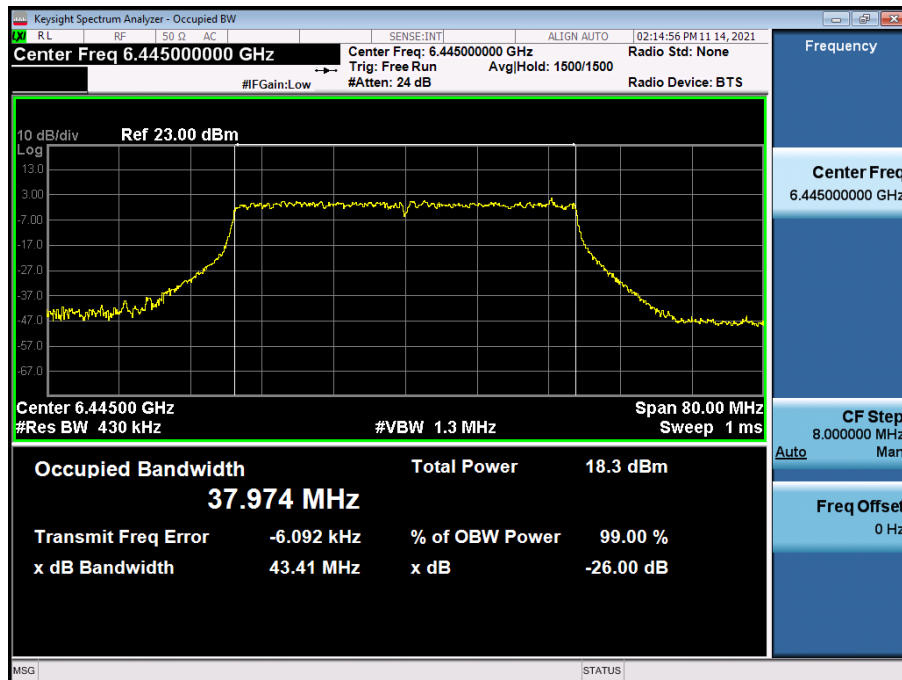
802.11ax HE40 Ch.3(5965 MHz) 484 Tones 65 RU

802.11ax HE40 Ch.43(6165 MHz) 484 Tones 65 RU

802.11ax HE40 Ch.91(6405 MHz) 484 Tones 65 RU

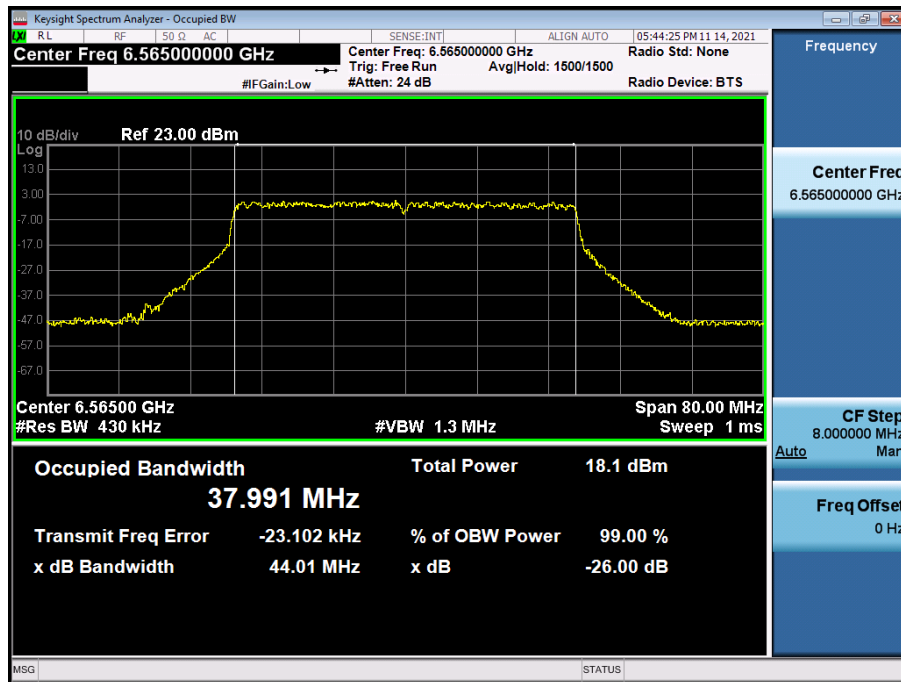802.11ax HE40 Ch.99(6445 MHz) 484 Tones 65 RU
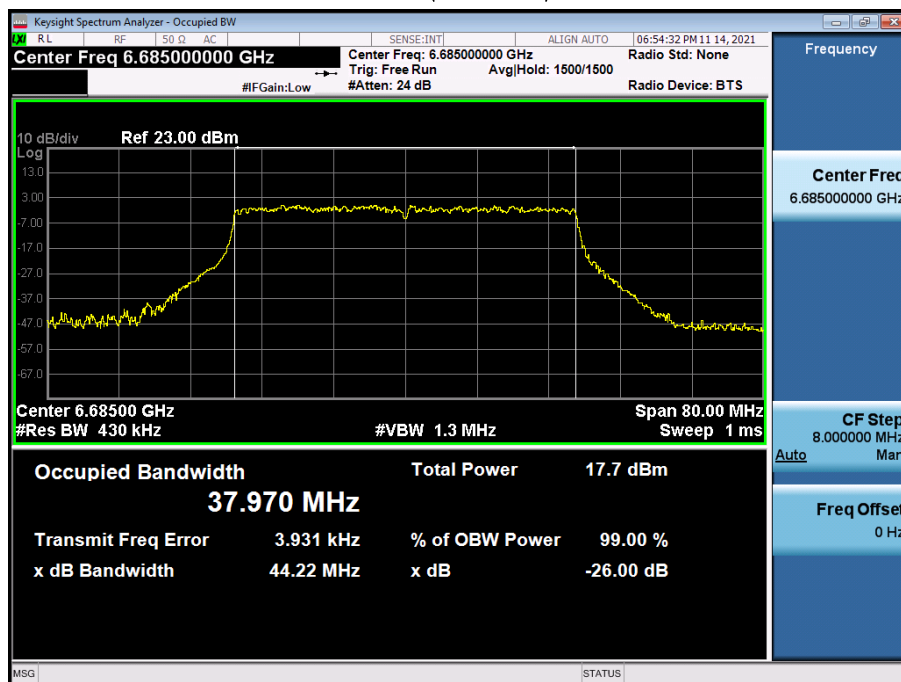
802.11ax HE40 Ch.107(6485 MHz) 484 Tones 65 RU

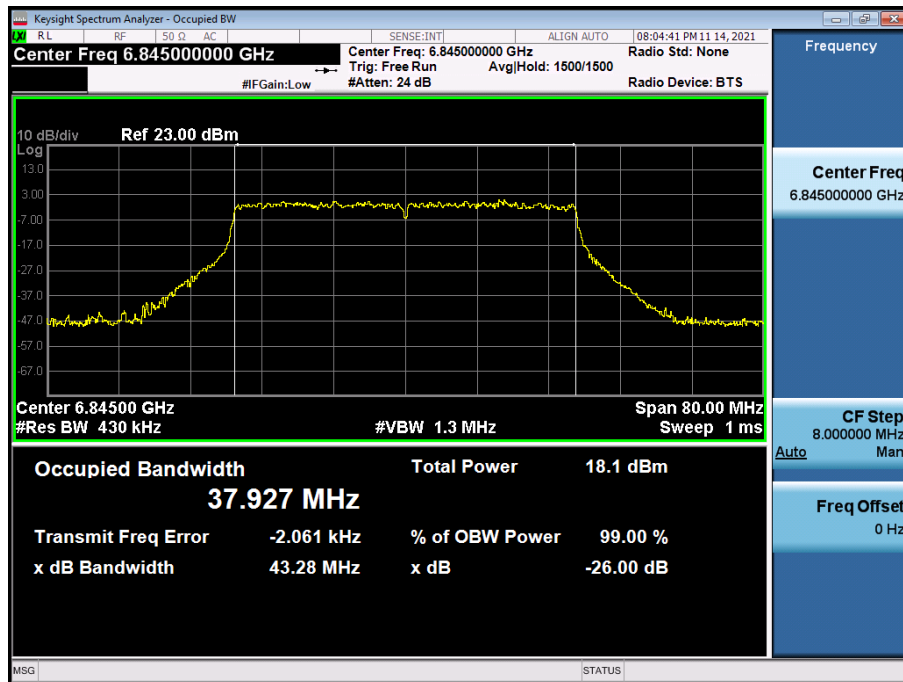802.11ax HE40 Ch.115(6525 MHz) 484 Tones 65 RU

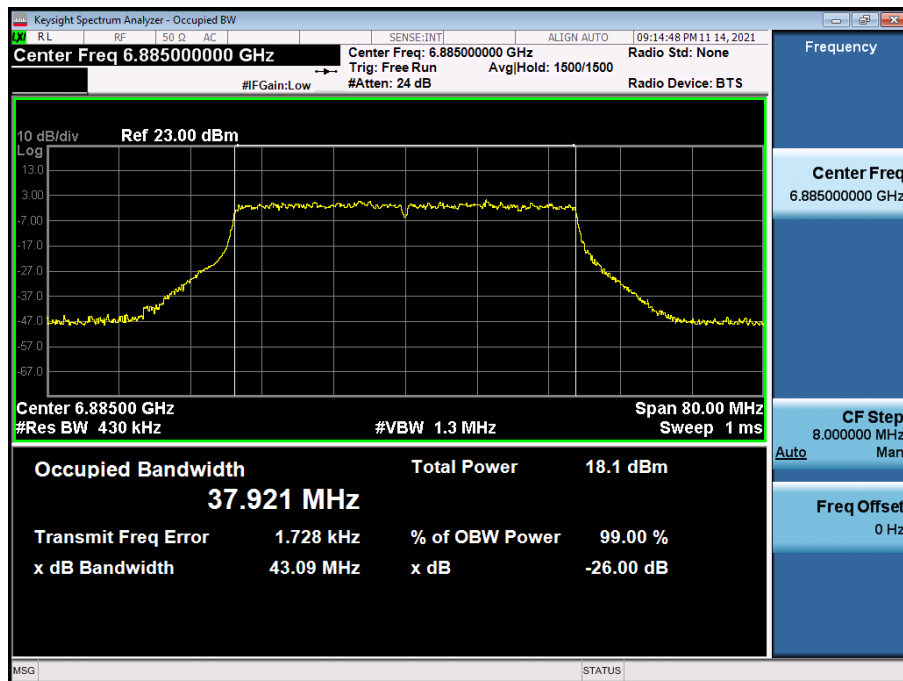802.11ax HE40 Ch.123(6565 MHz) 484 Tones 65 RU
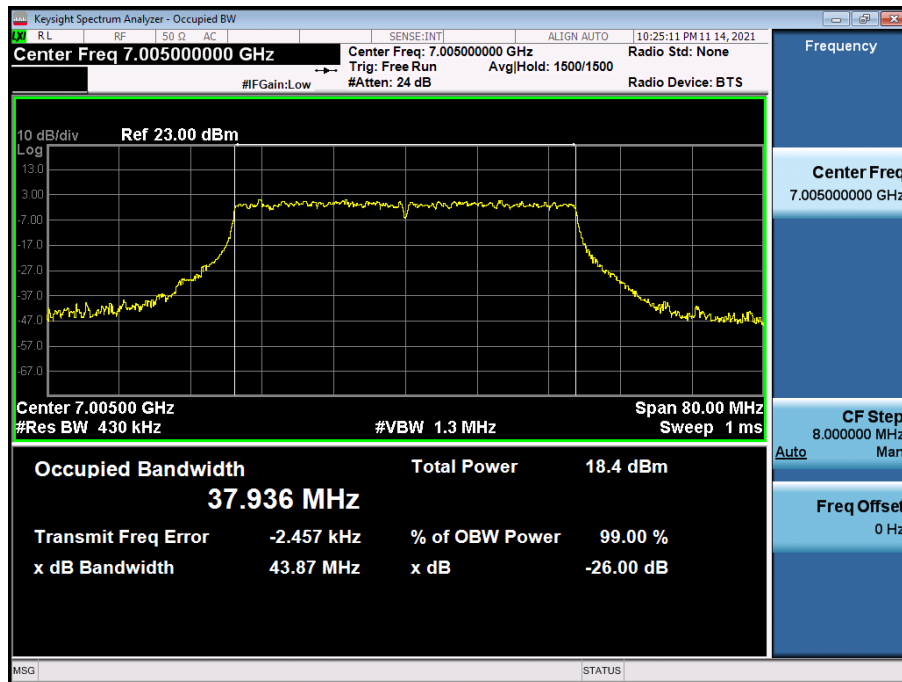

802.11ax HE40 Ch.147(6685 MHz) 484 Tones 65 RU
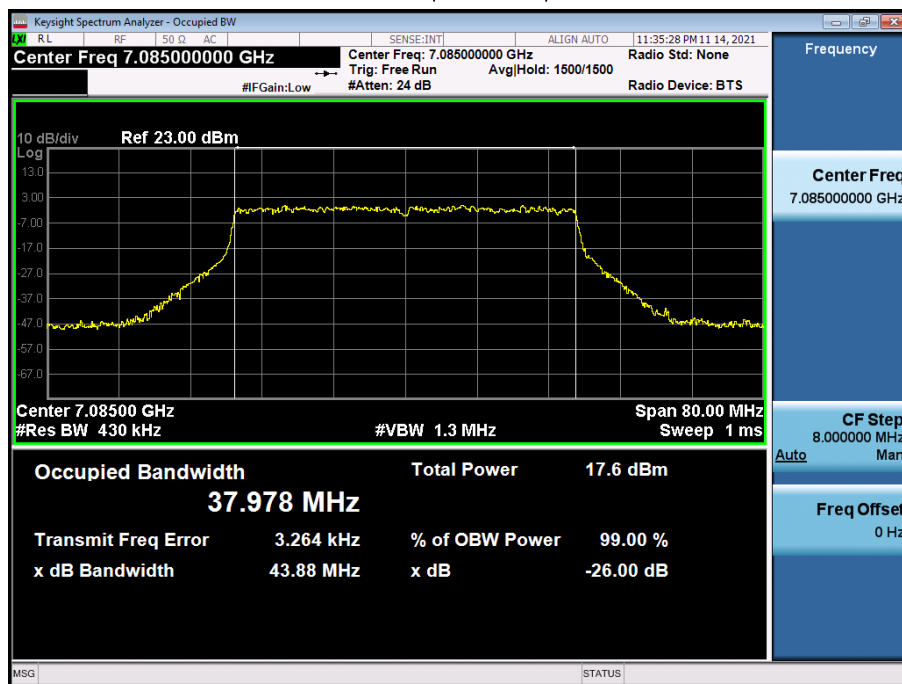
802.11ax HE40 Ch.179(6845 MHz) 484 Tones 65 RU
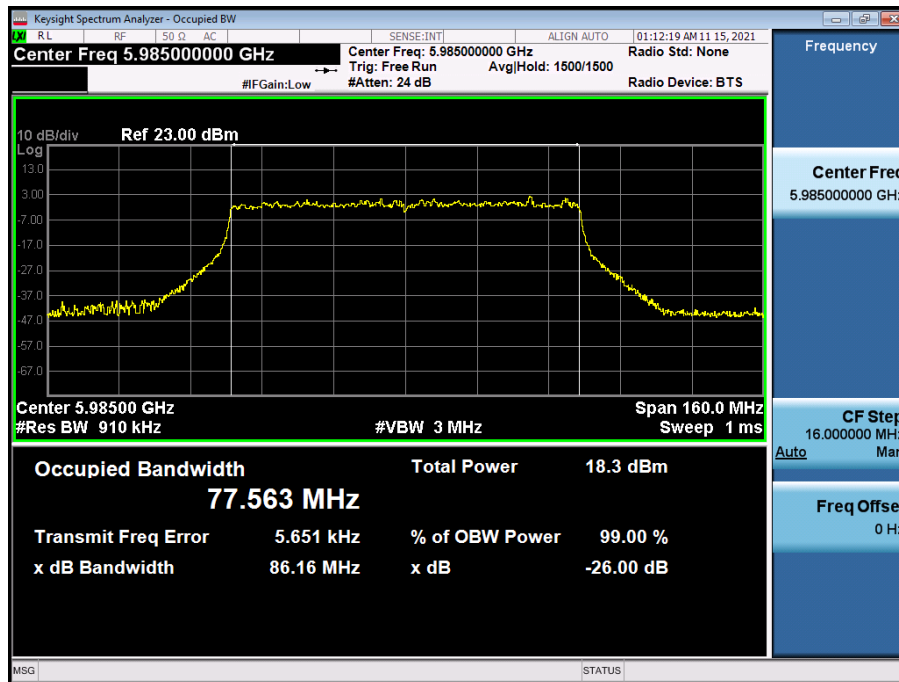

802.11ax HE40 Ch.187(6885 MHz) 484 Tones 65 RU

802.11ax HE40 Ch.211(7005 MHz) 484 Tones 65 RU

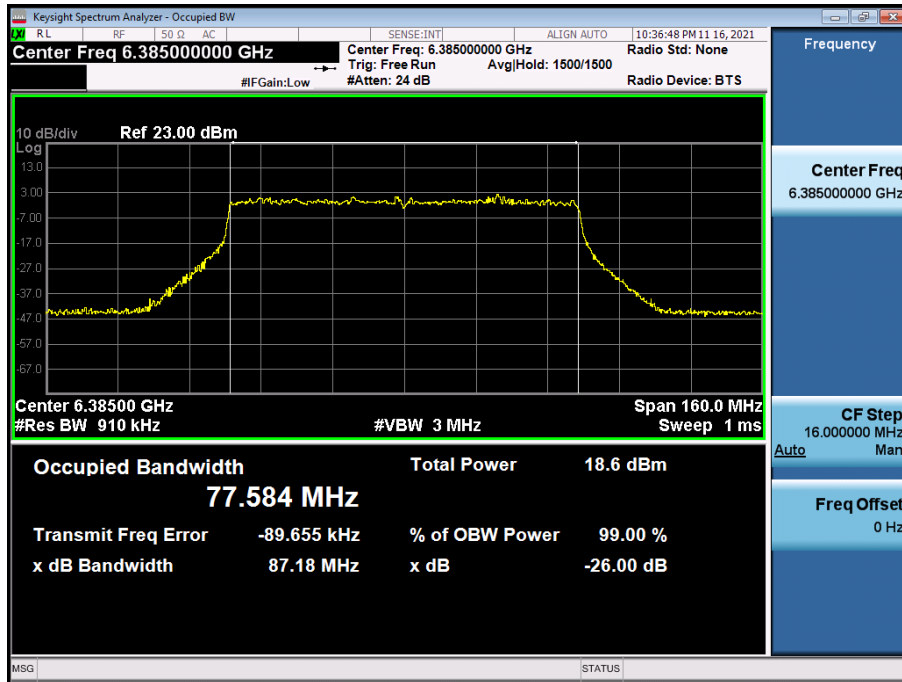802.11ax HE40 Ch.227(7085 MHz) 484 Tones 65 RU
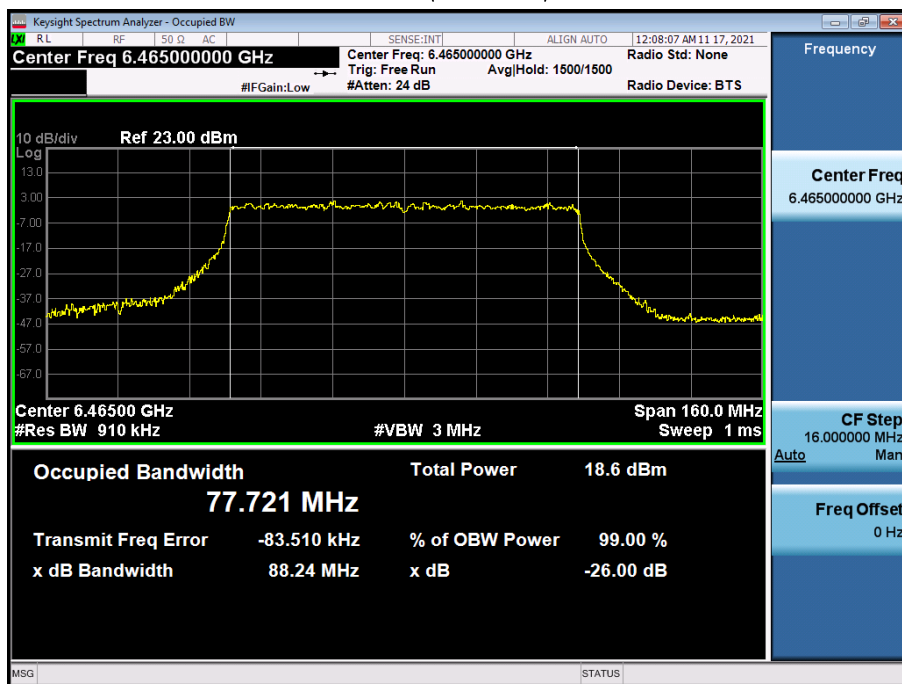
802.11ax HE 80 Ch.7(5985 MHz) 996 Tones 67 RU
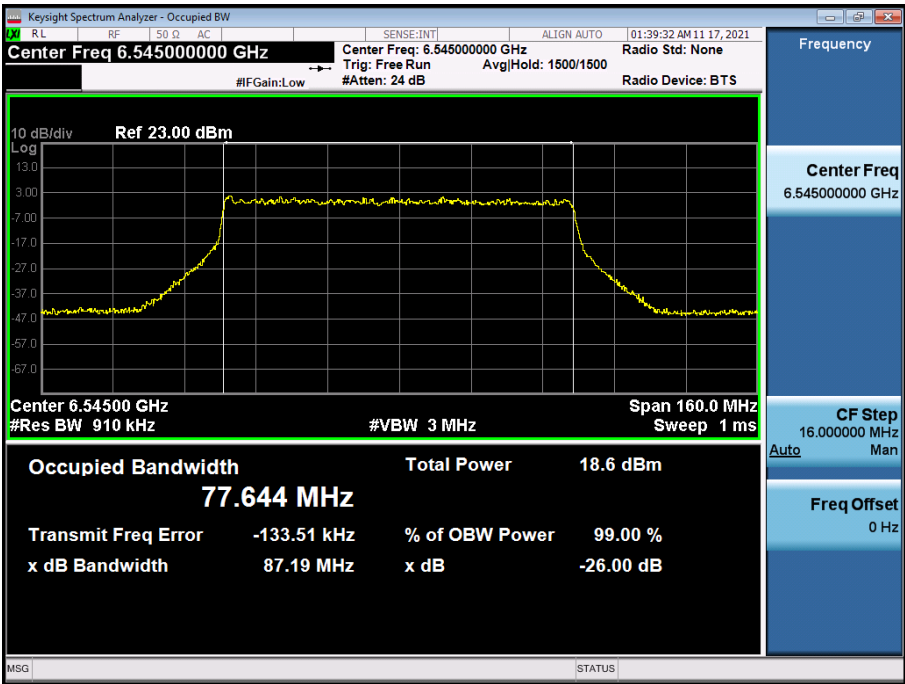

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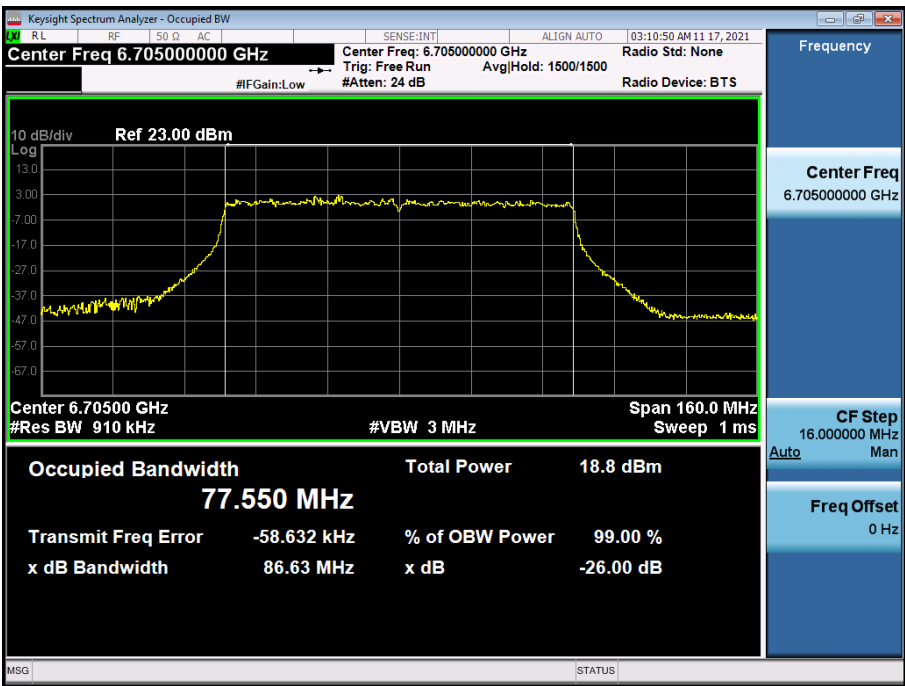
802.11ax HE80 Ch.87(6385 MHz) 996 Tones 67 RU

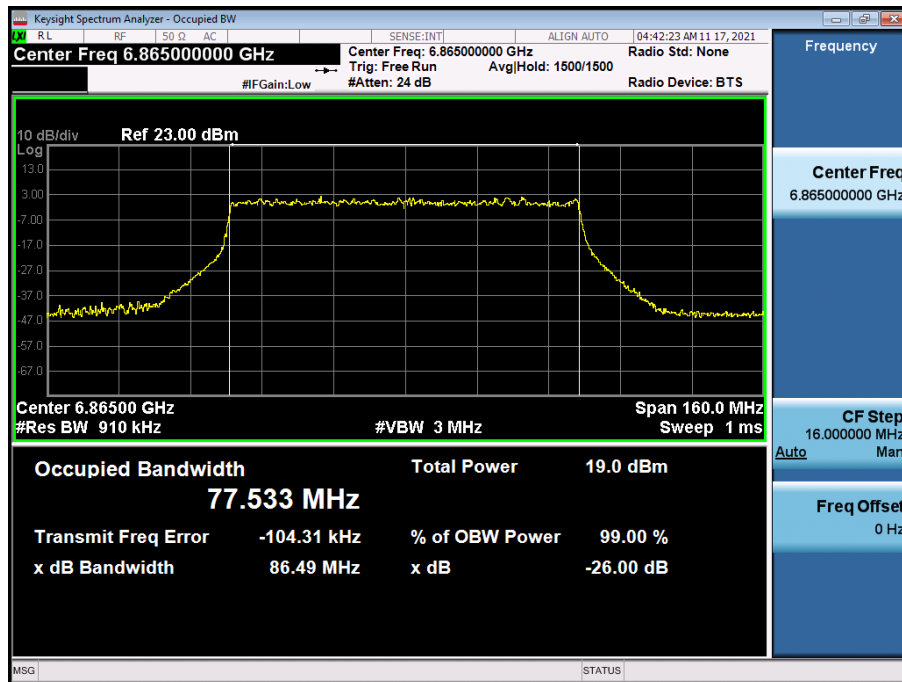802.11ax HE80 Ch.103(6465 MHz) 996 Tones 67 RU

802.11ax HE80 Ch.119(6545 MHz) 996 Tones 67 RU

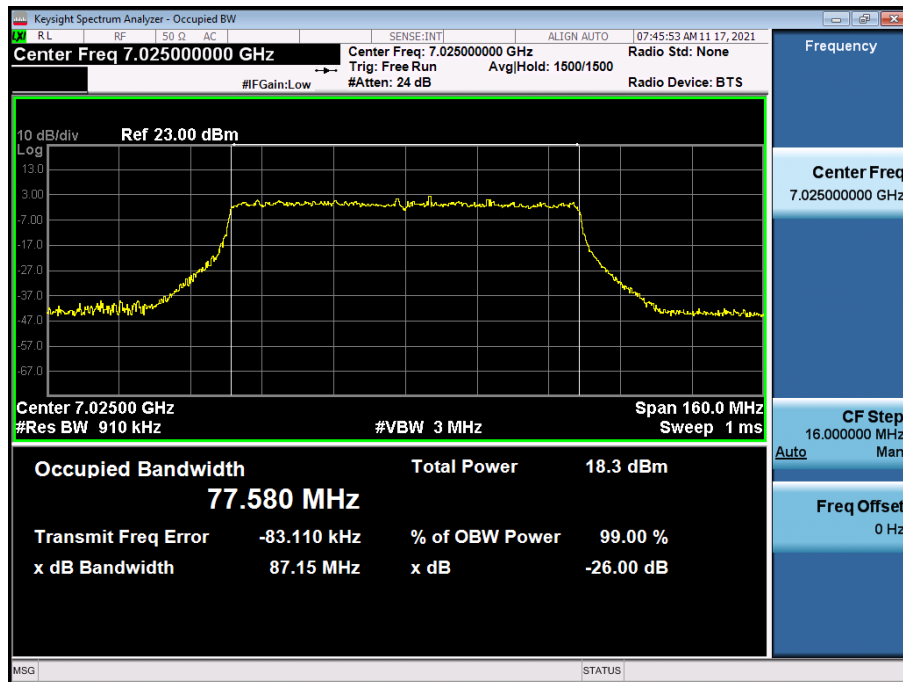802.11ax HE80 Ch.151(6705 MHz) 996 Tones 67 RU

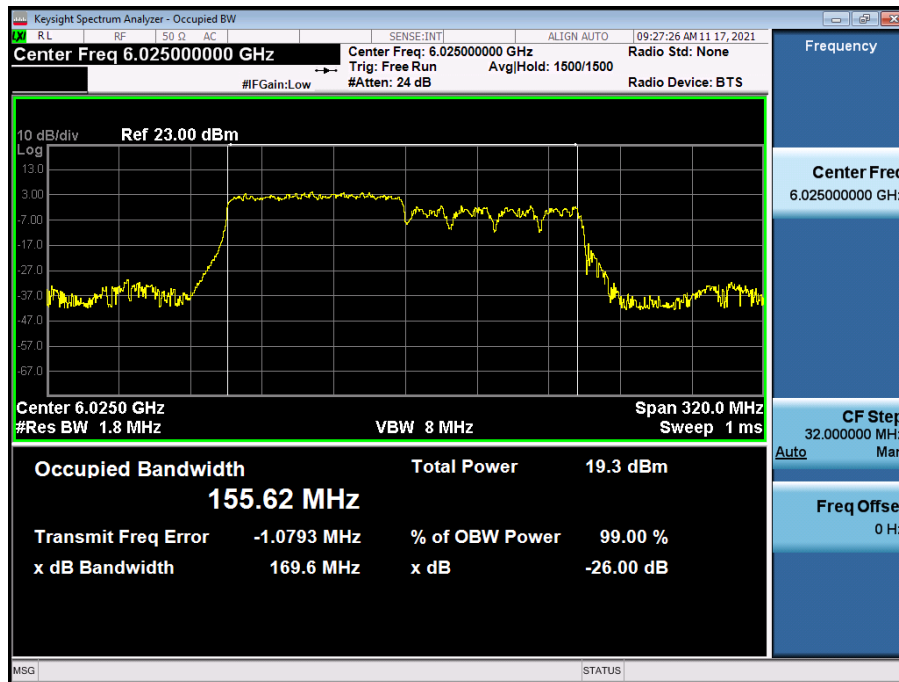802.11ax HE80 Ch.183(6865 MHz) 996 Tones 67 RU

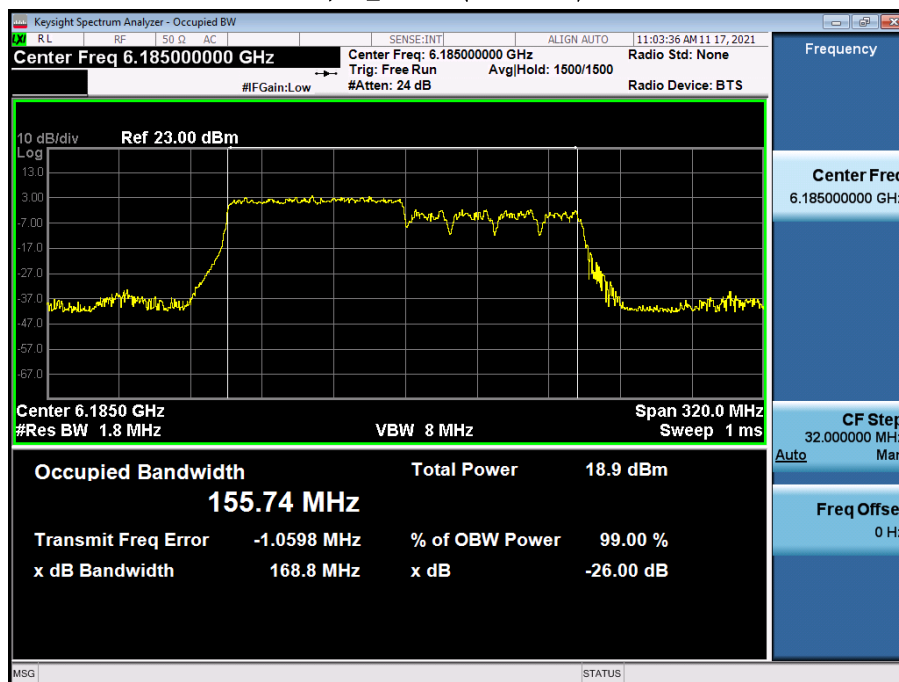802.11ax HE80 Ch.199(6945 MHz) 996 Tones 67 RU
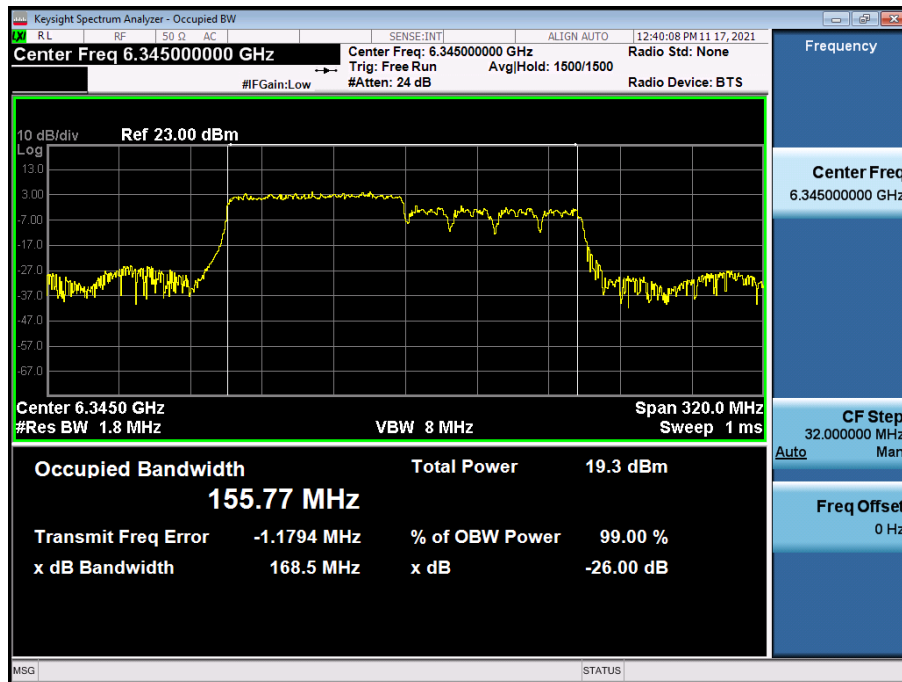
802.11ax HE80 Ch.215(7025 MHz) 996 Tones 67 RU

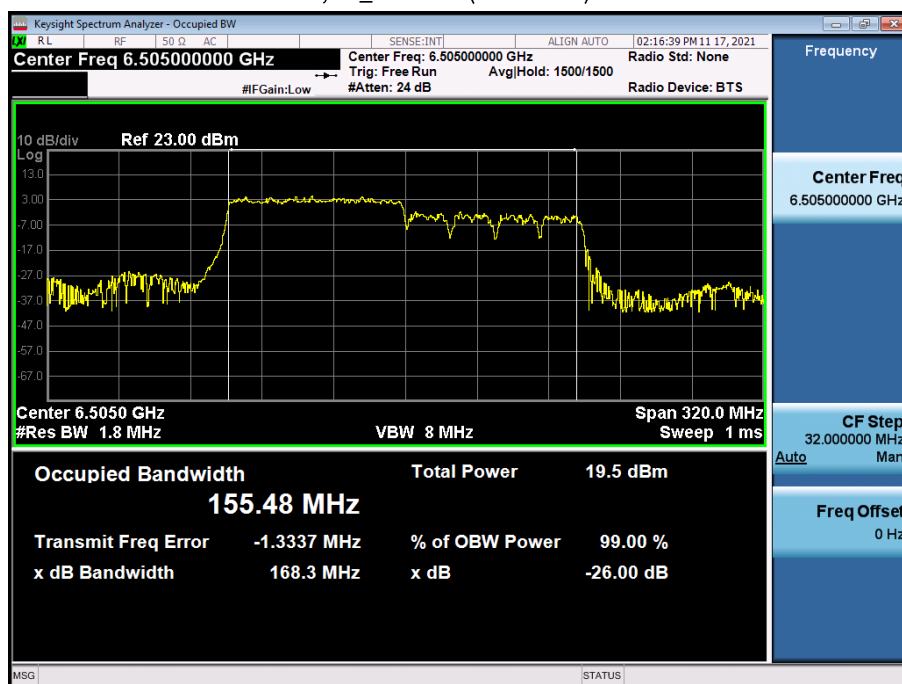802.11ax HE160, 80_L Ch.15(6025 MHz) 996 Tones 67 RU

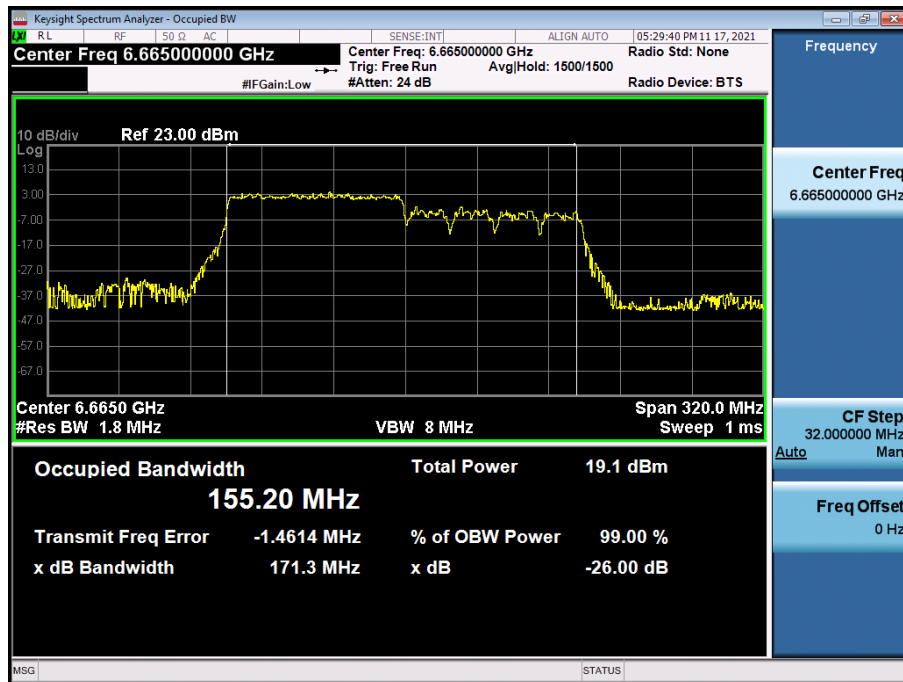802.11ax HE160, 80_L Ch.47(6185 MHz) 996 Tones 67 RU

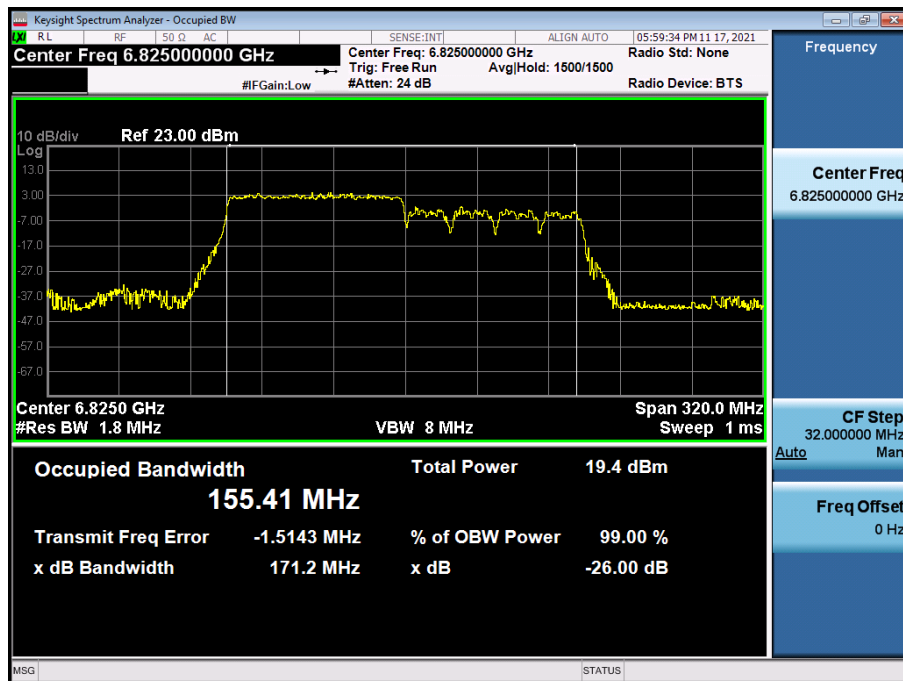Bandwidth 160M, 80_L Ch.79(6345 MHz) 996 Tones 67 RU

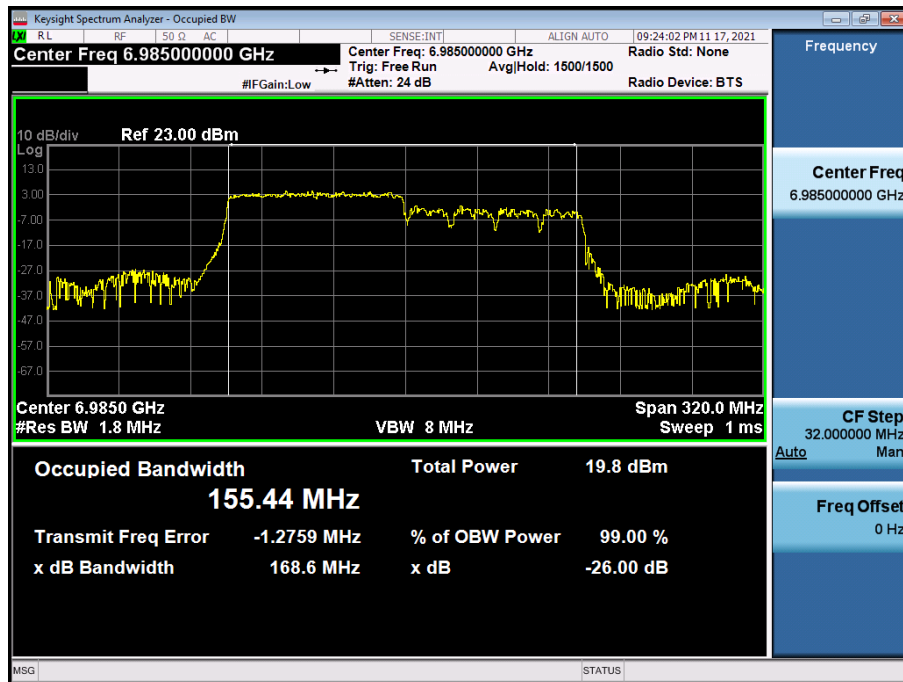802.11ax HE160, 80_L Ch.111(6505 MHz) 996 Tones 67 RU

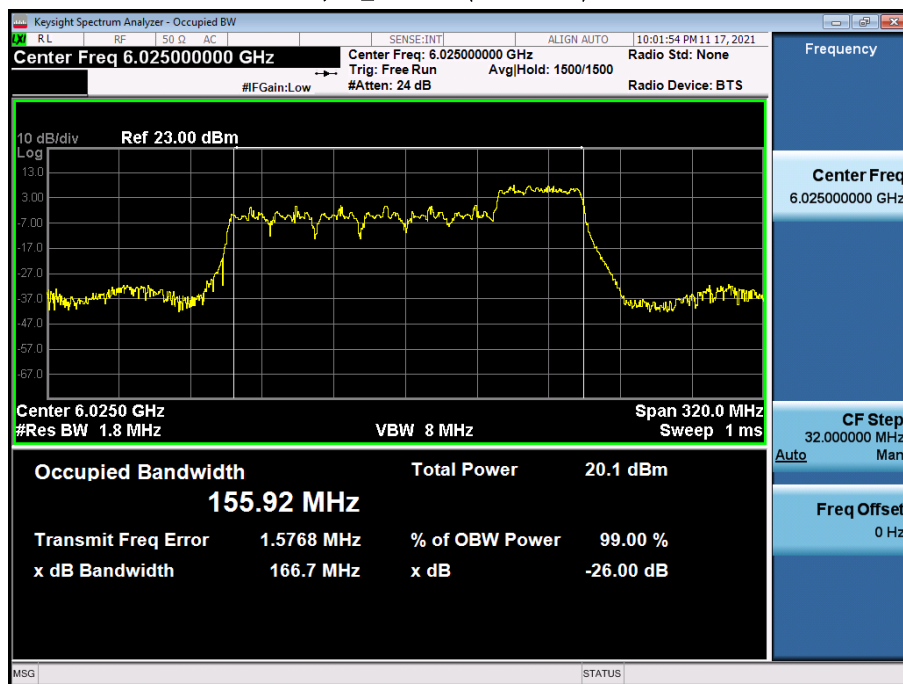802.11ax HE160, 80_L Ch.143(6665 MHz) 996 Tones 67 RU

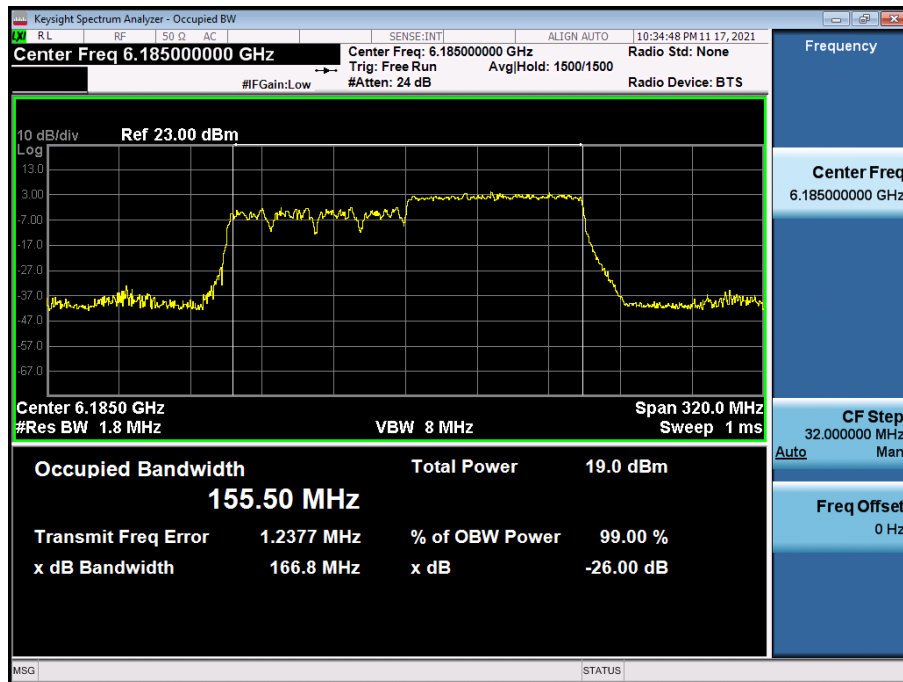802.11ax HE160, 80_L Ch.175(6825 MHz) 996 Tones 67 RU

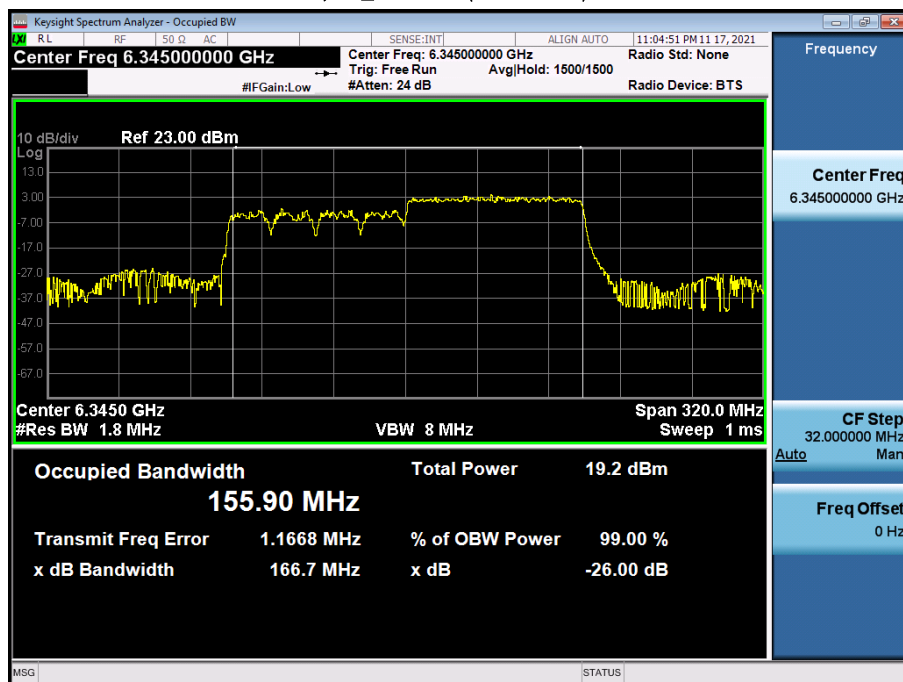802.11ax HE160, 80_L Ch.207(6985 MHz) 996 Tones 67 RU

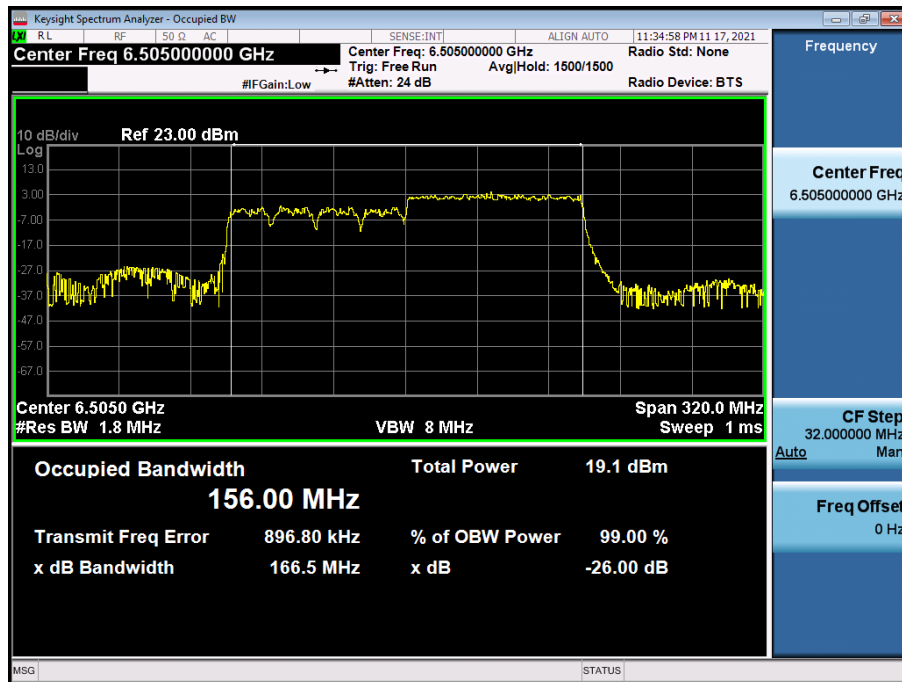802.11ax HE160, 80_U Ch. 15(6025 MHz) 484 Tones 66 RU

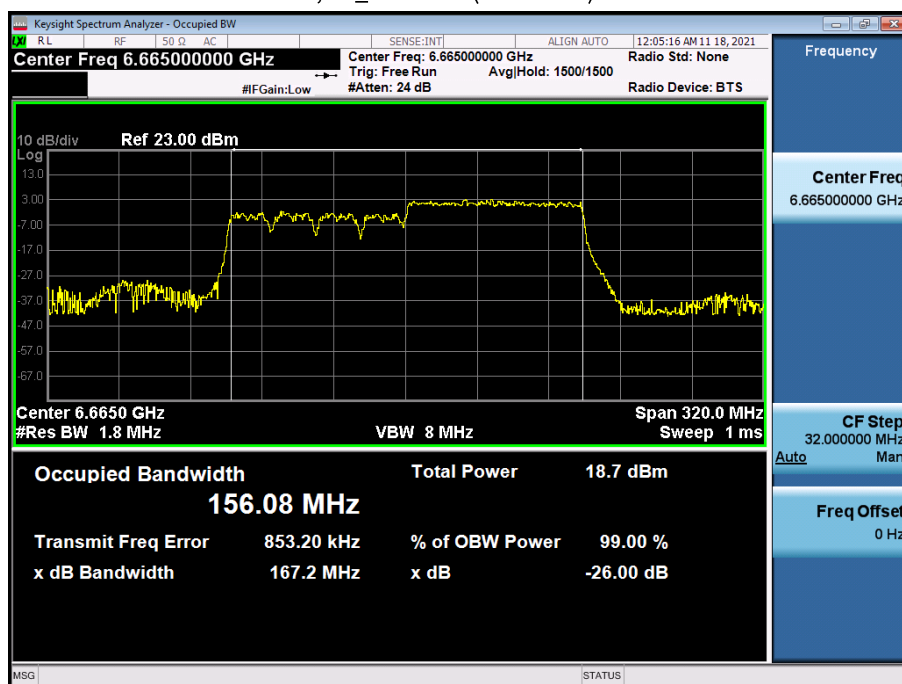802.11ax HE160, 80_U Ch. 47(6185 MHz) 996 Tones 67 RU

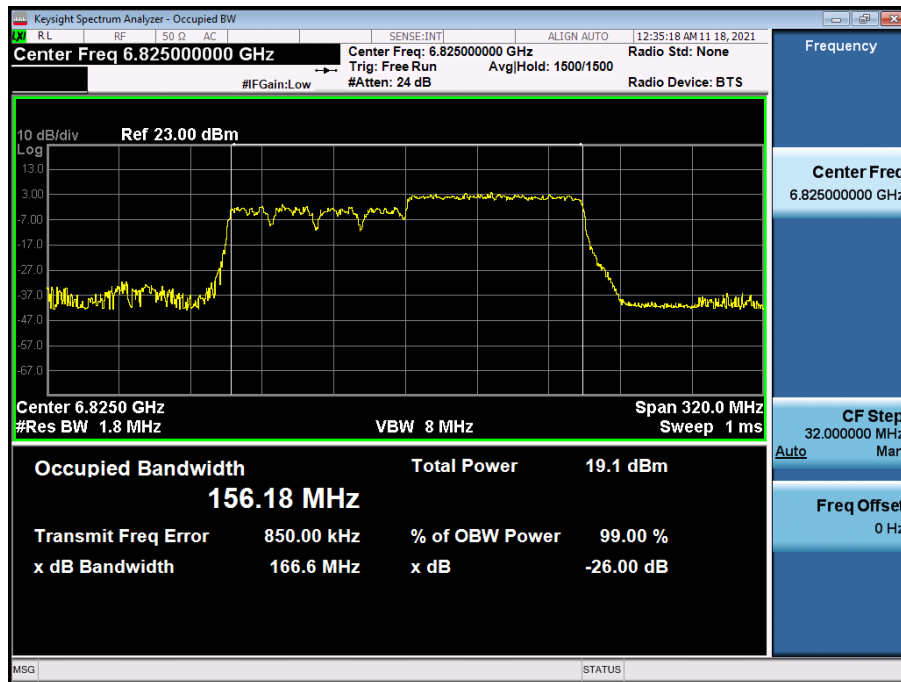802.11ax HE160, 80_U Ch. 79(6345 MHz) 996 Tones 67 RU

802.11ax HE160, 80_U Ch. 111(6505 MHz) 996 Tones 67 RU
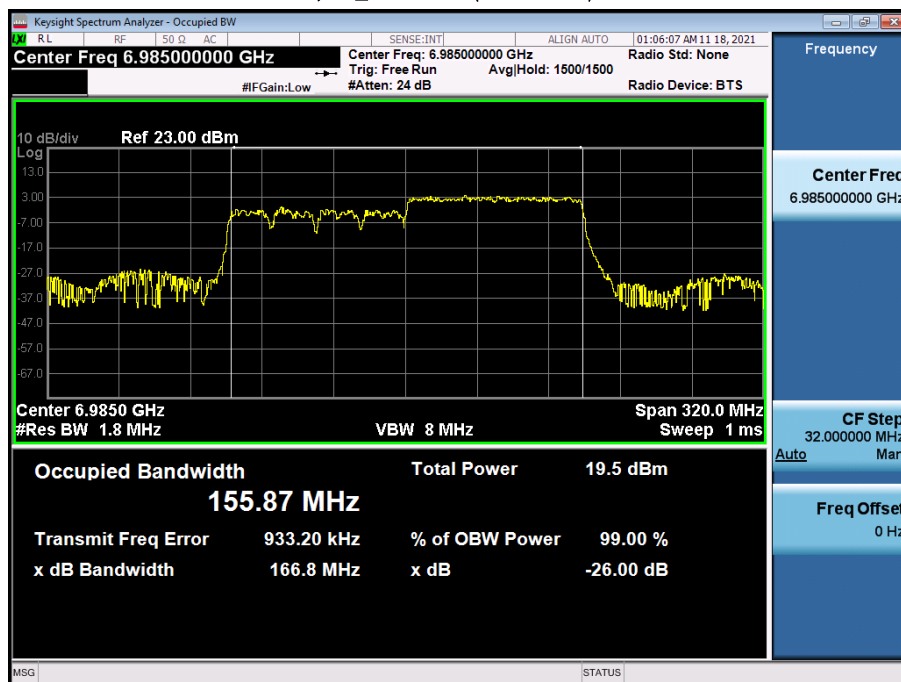

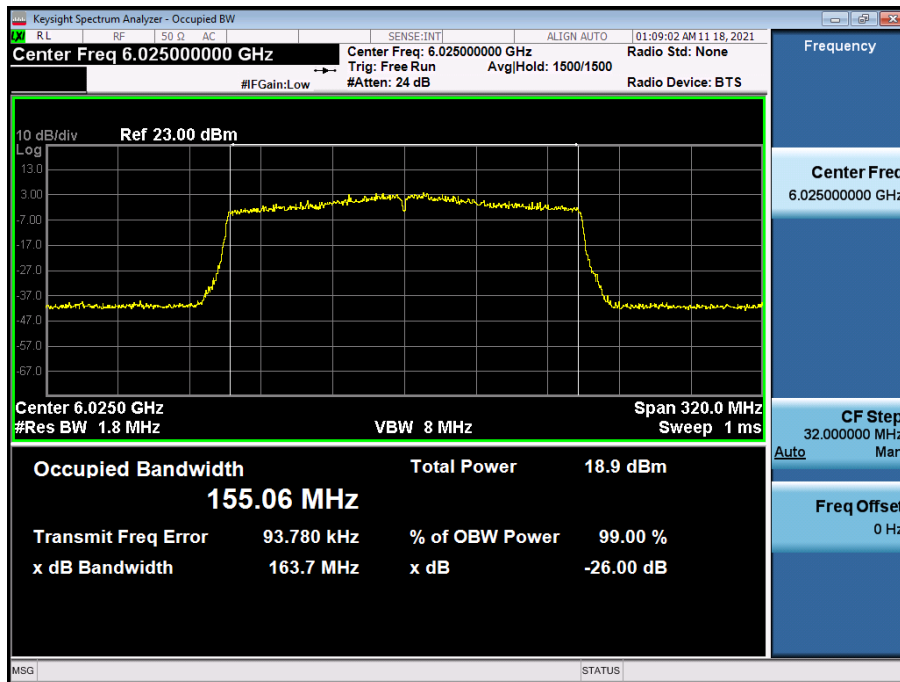### 802.11ax HE160, 80_U Ch. 143(6665 MHz) 996 Tones 67 RU

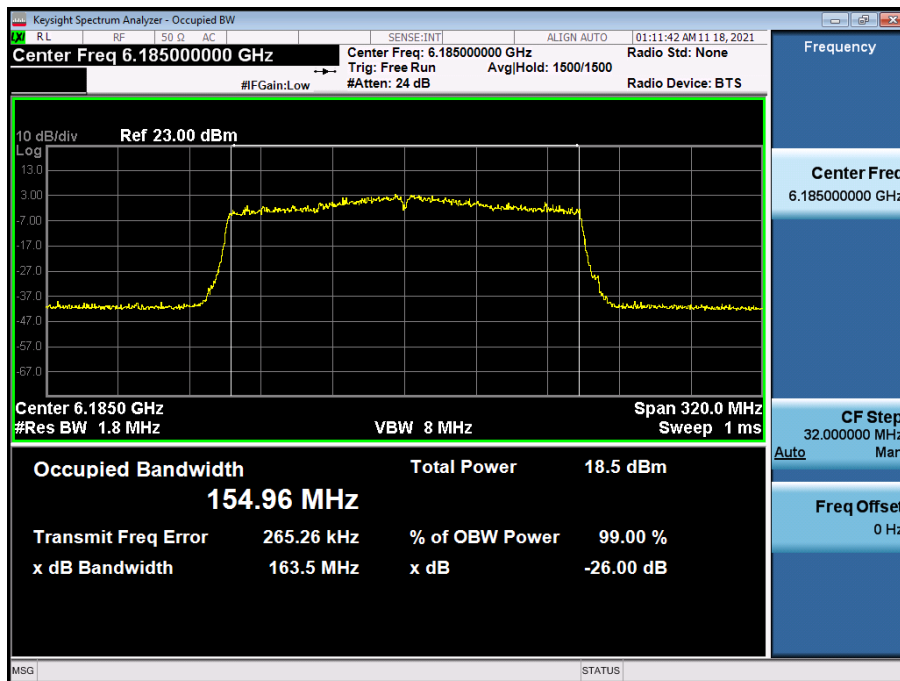802.11ax HE160, 80_U Ch. 175(6825 MHz) 996 Tones 67 RU

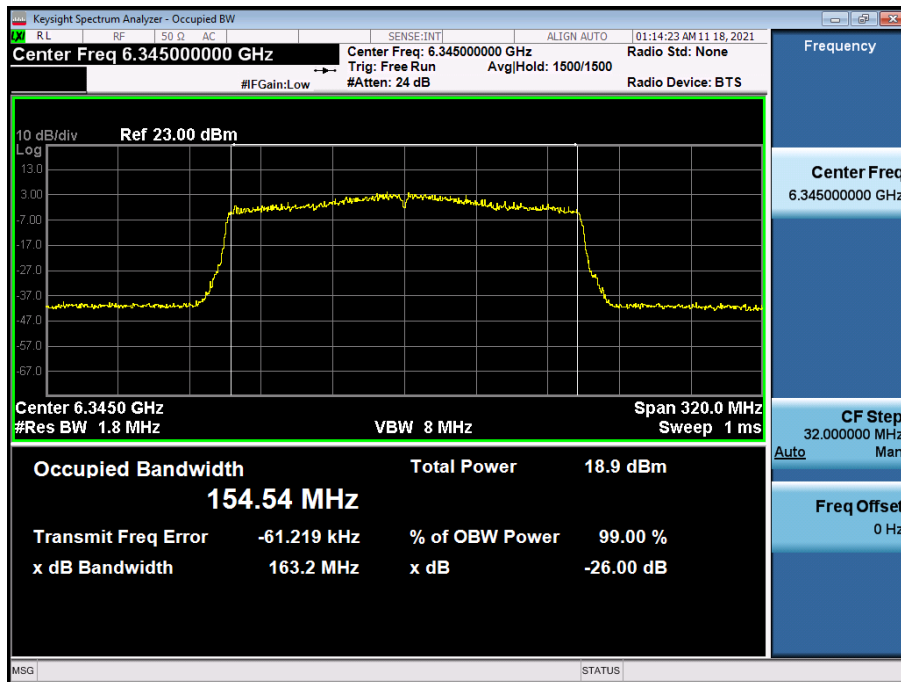802.11ax HE160, 80_U Ch. 207(6985 MHz) 996 Tones 67 RU
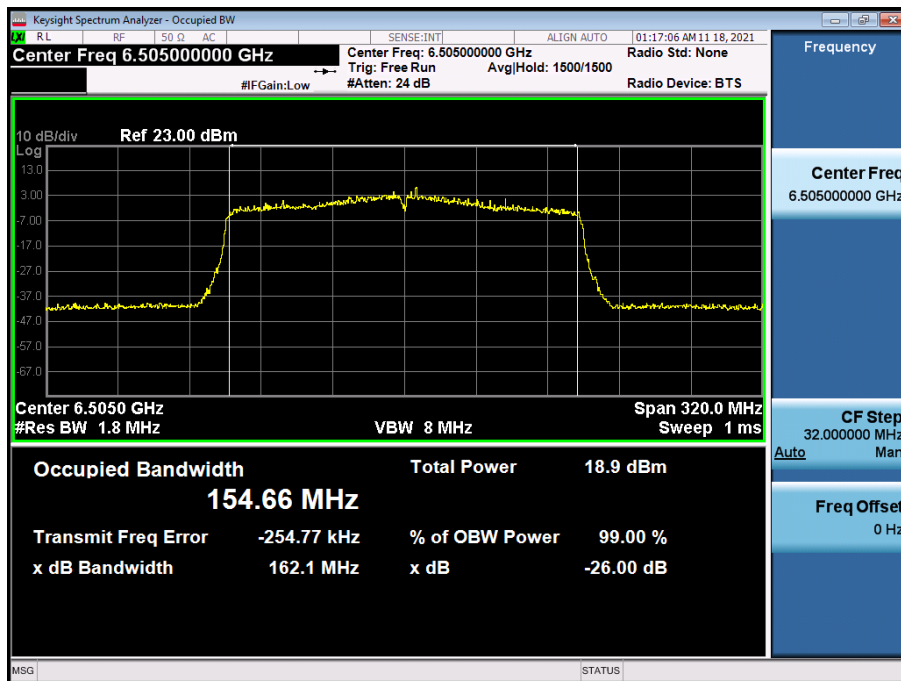
Bandwidth 160M, SU Ch. 15(6025 MHz) SU

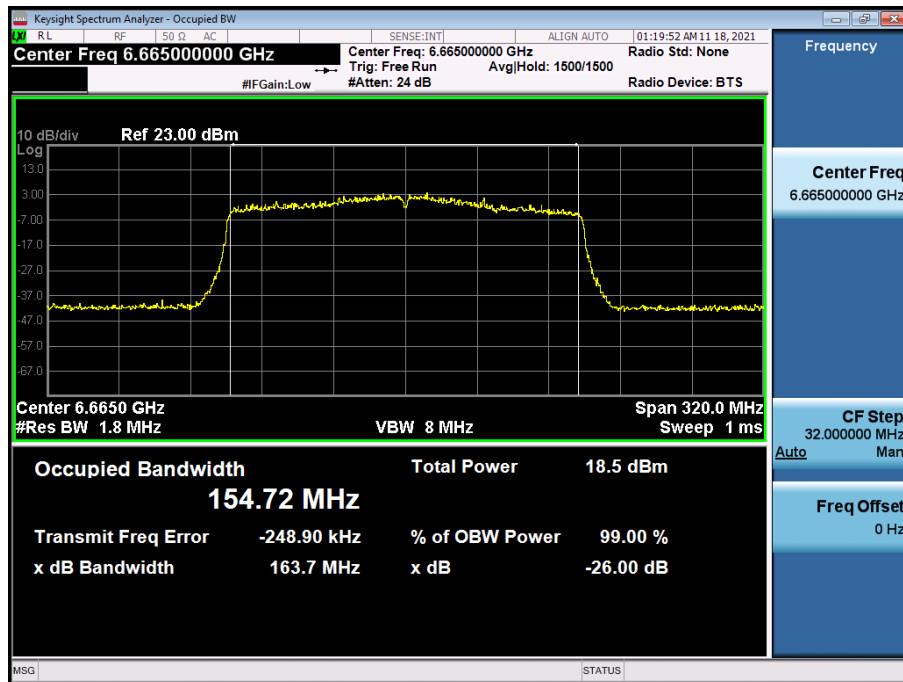Bandwidth 160M, SU Ch. 47(6185 MHz) SU

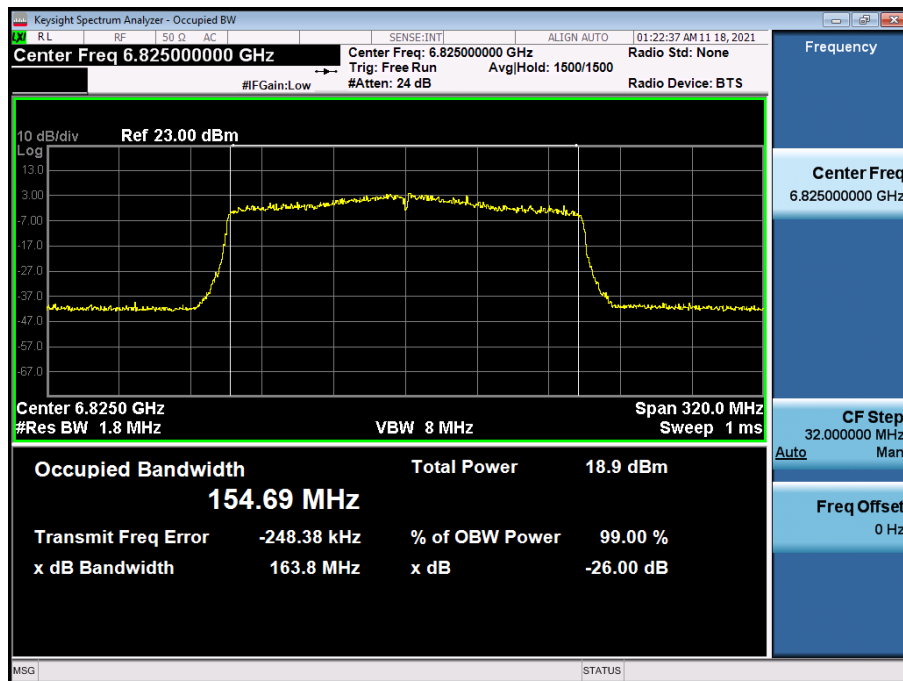Bandwidth 160M, SU Ch. 79(6345 MHz) SU
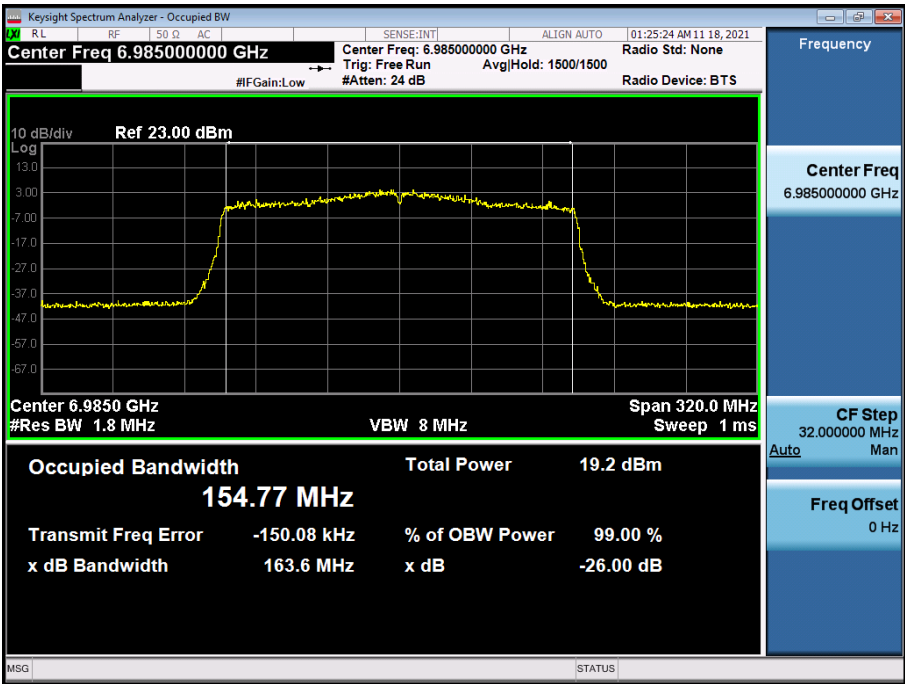

Bandwidth 160M, SU Ch. 111(6505 MHz) SU

Bandwidth 160M, SU Ch. 143(6665 MHz) SU

Bandwidth 160M, SU Ch. 175(6825 MHz) SU

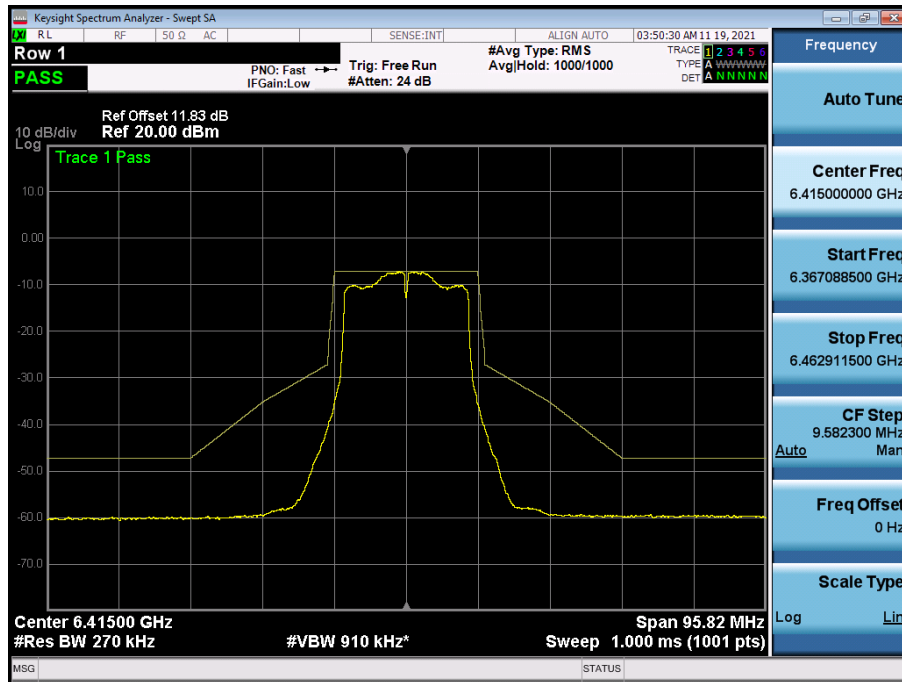Bandwidth 160M, SU Ch. 207(6985 MHz) SU
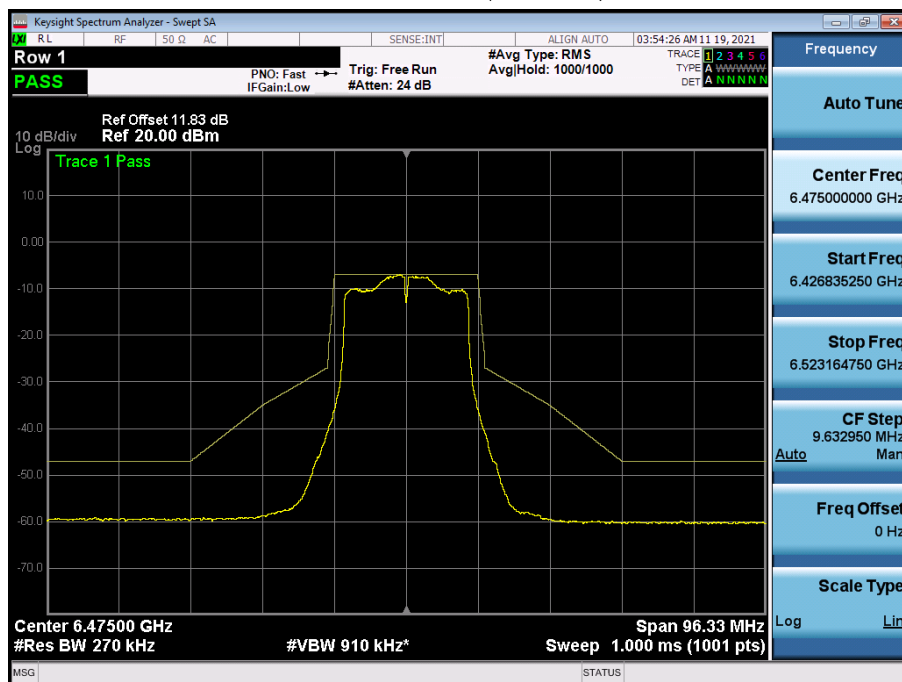
3. In-Band Emission (Emission Mask)

Note:

1. In order to simplify the report, attached plots were only Ant.2 (Worst Case: Ant.2).

2. In order to simplify the report, attached plots were only the most wide channel.
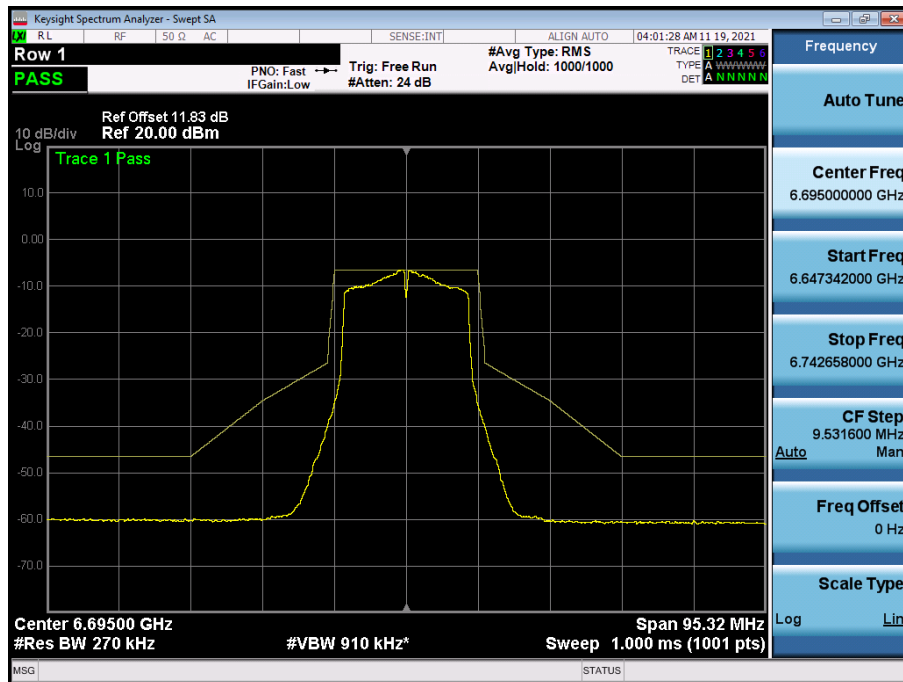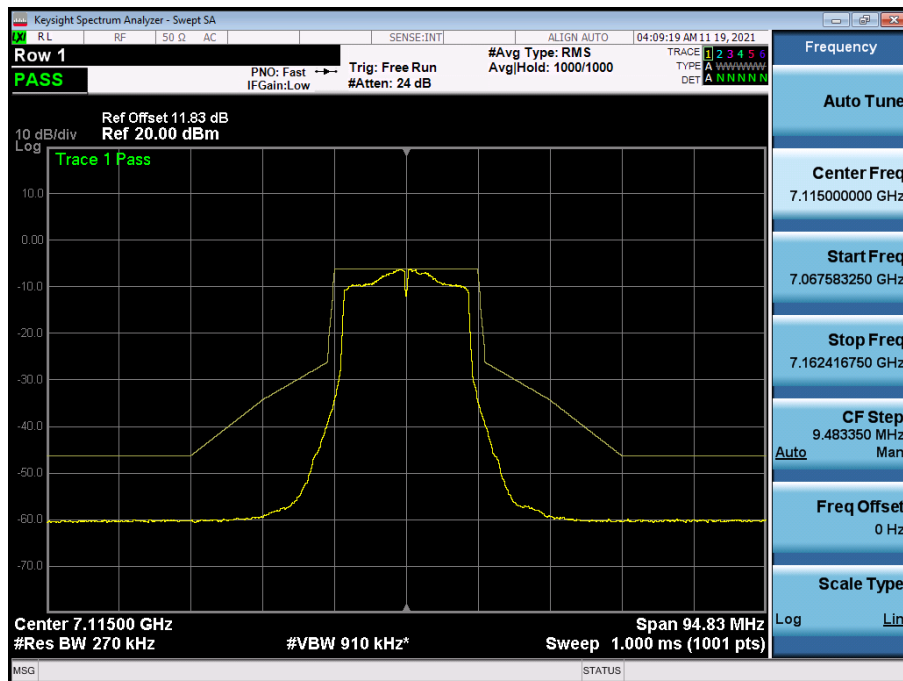
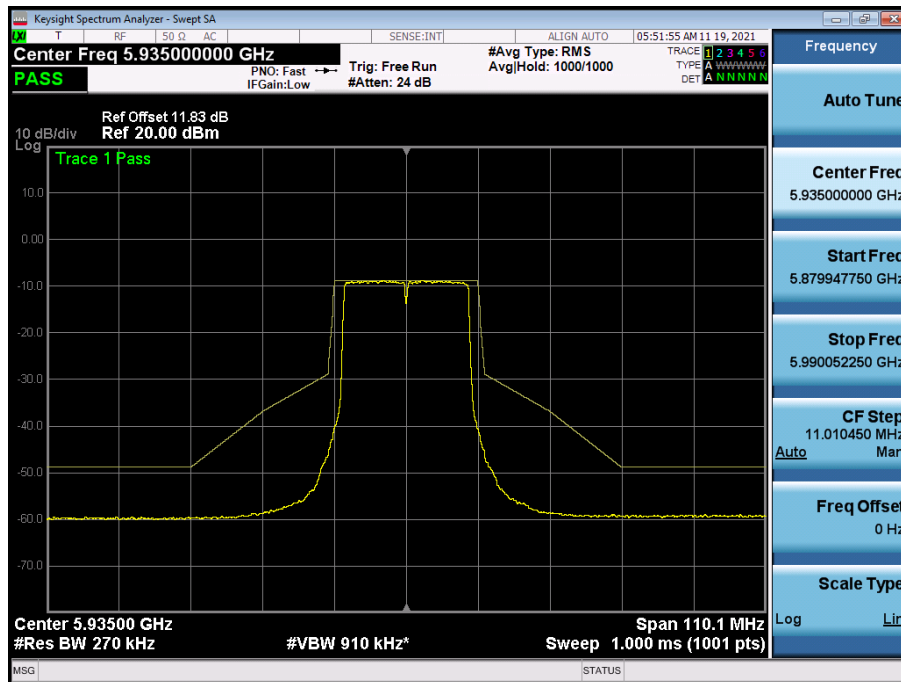802.11a Ch.93(6415 MHz)

802.11a Ch.105(6475 MHz)
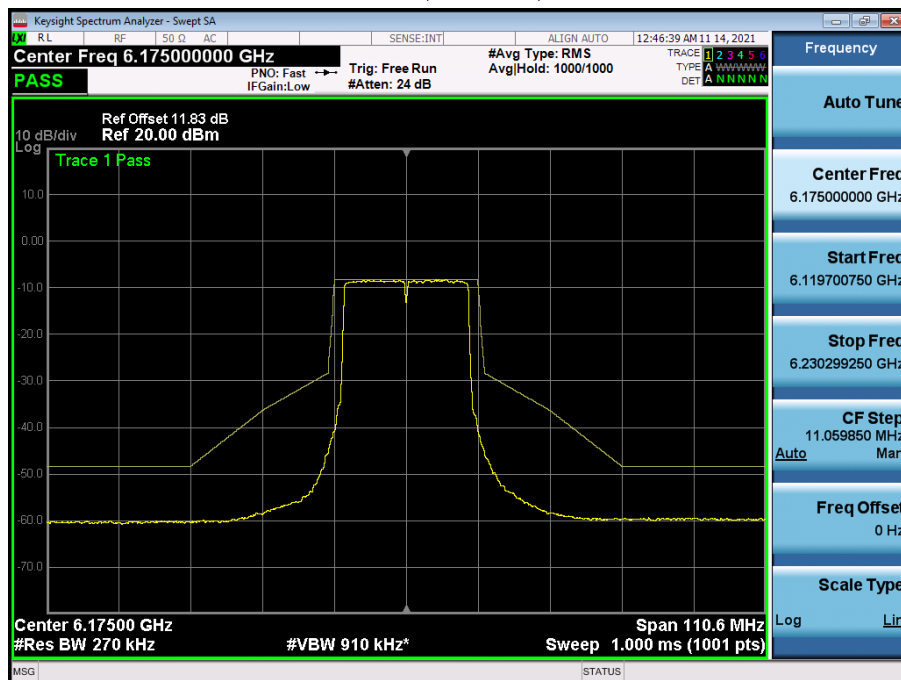
802.11a Ch.149(6695 MHz)
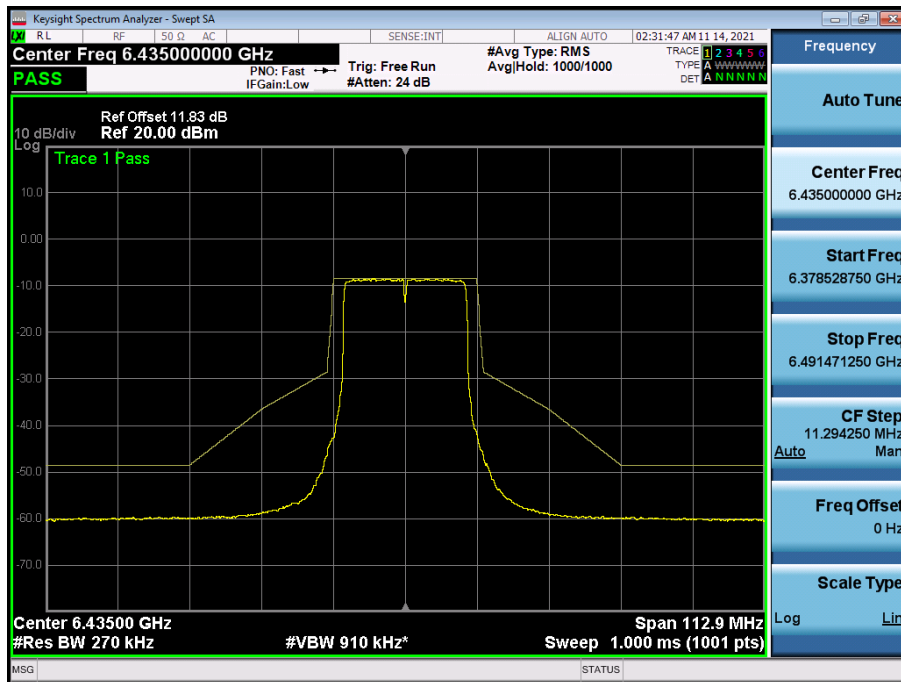

802.11a Ch.233(7115 MHz)
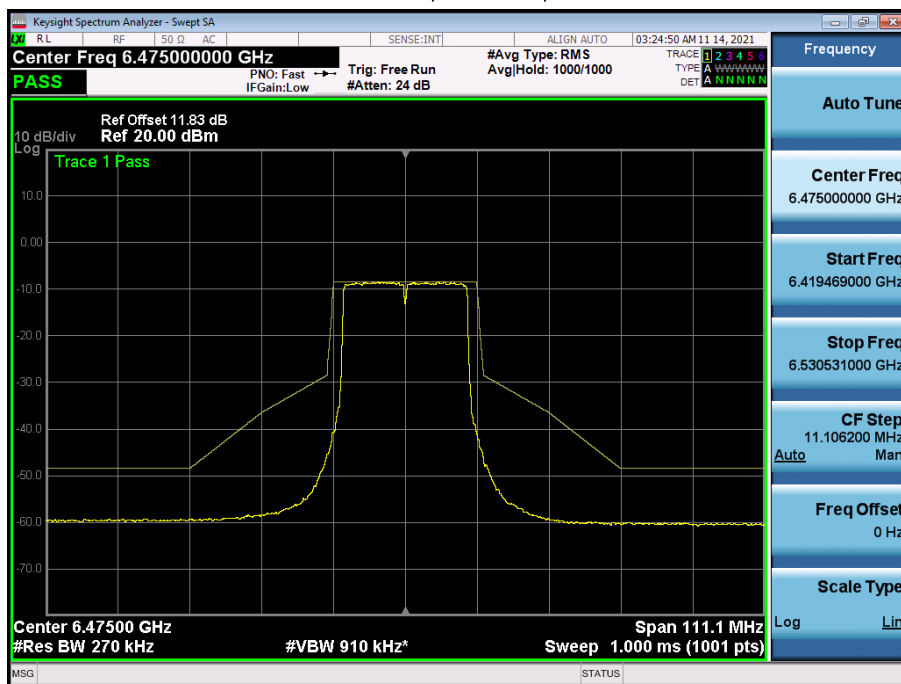
802.11ax HE20 Ch.2(5935 MHz) 242 Tones 61 RU

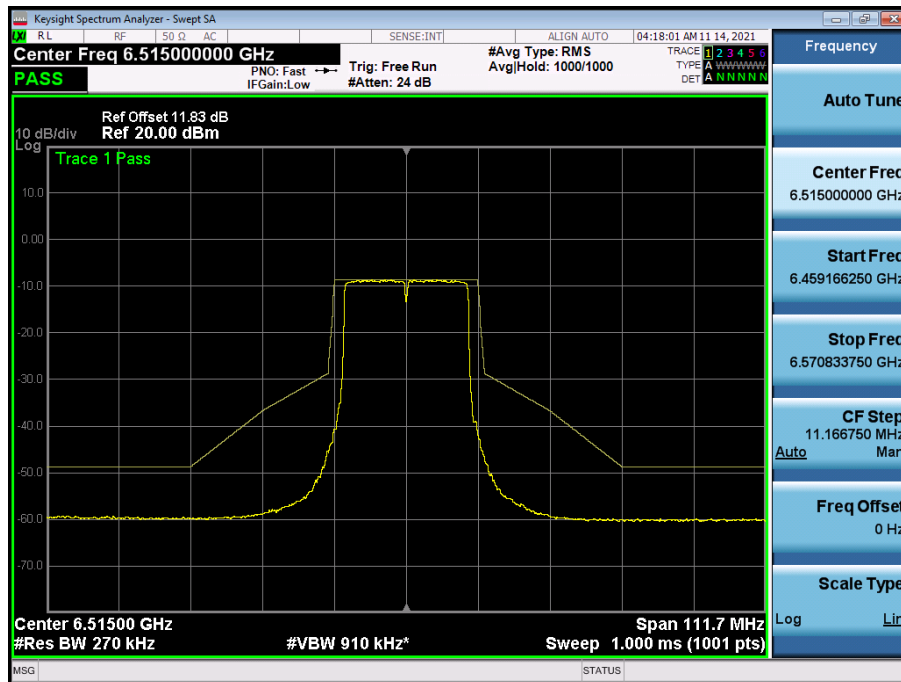802.11ax HE20 Ch.45(6175 MHz) 242 Tones 61 RU

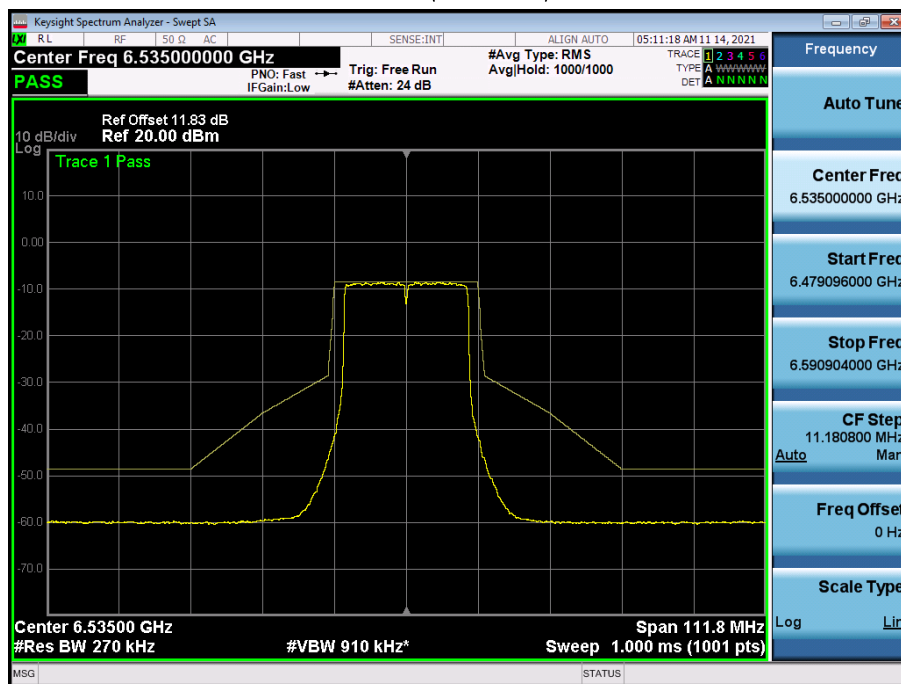802.11ax HE20 Ch.97(6435 MHz) 242 Tones 61 RU
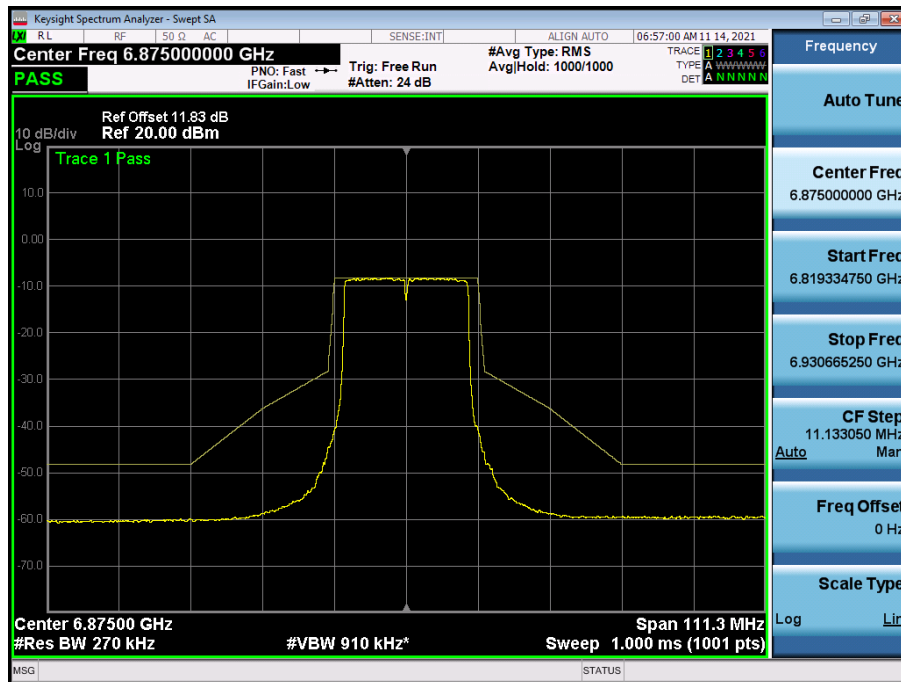

802.11ax HE20 Ch.105(6475 MHz) 242 Tones 61 RU

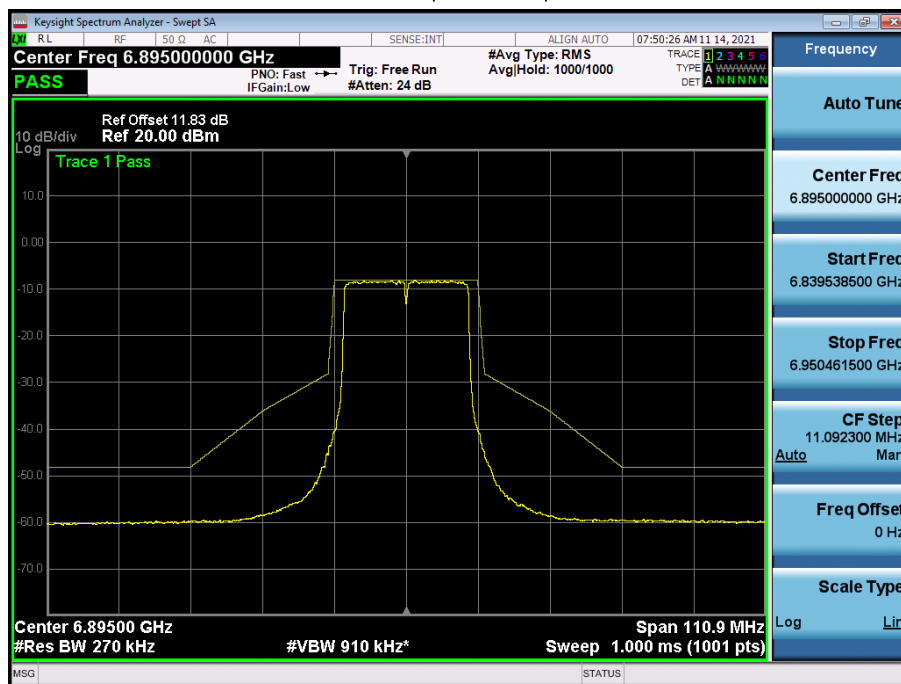802.11ax HE20 Ch.113(6515 MHz) 242 Tones 61 RU

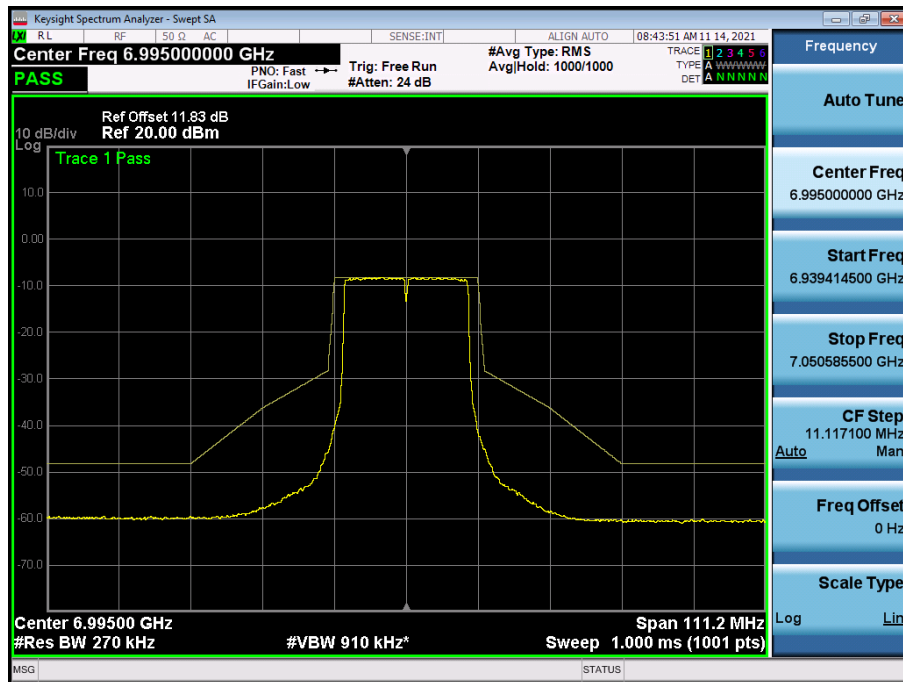802.11ax HE20 Ch.117(6535 MHz) 242 Tones 61 RU

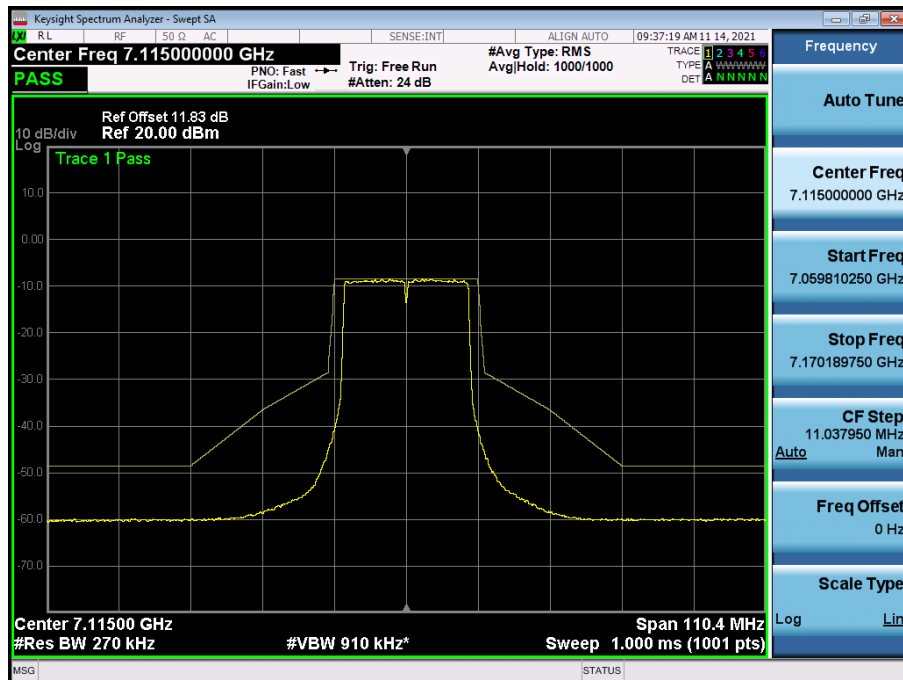802.11ax HE20 Ch.185(6875 MHz) 242 Tones 61 RU

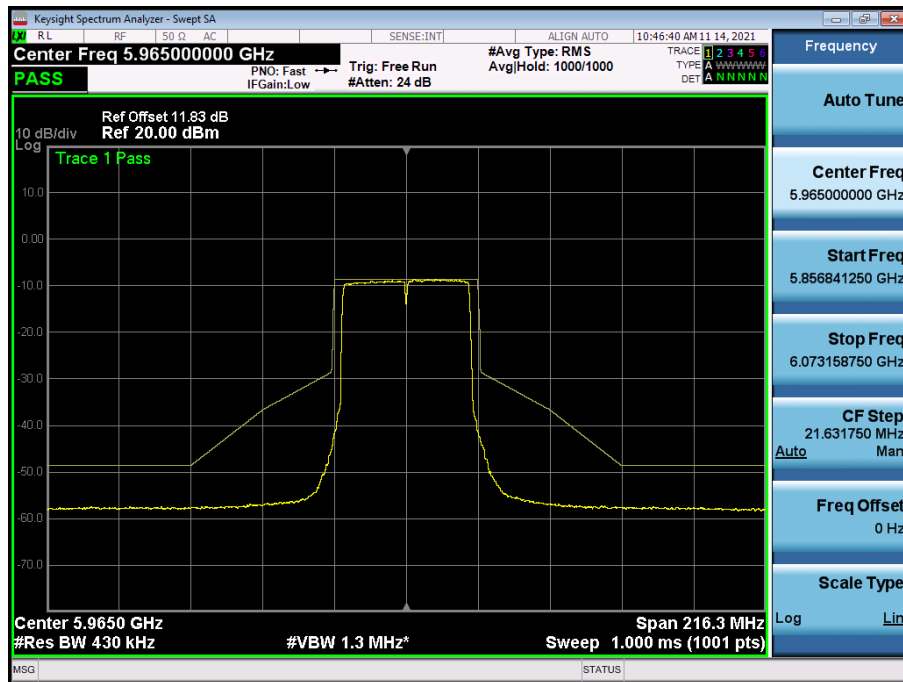802.11ax HE20 Ch.189(6895 MHz) 242 Tones 61 RU

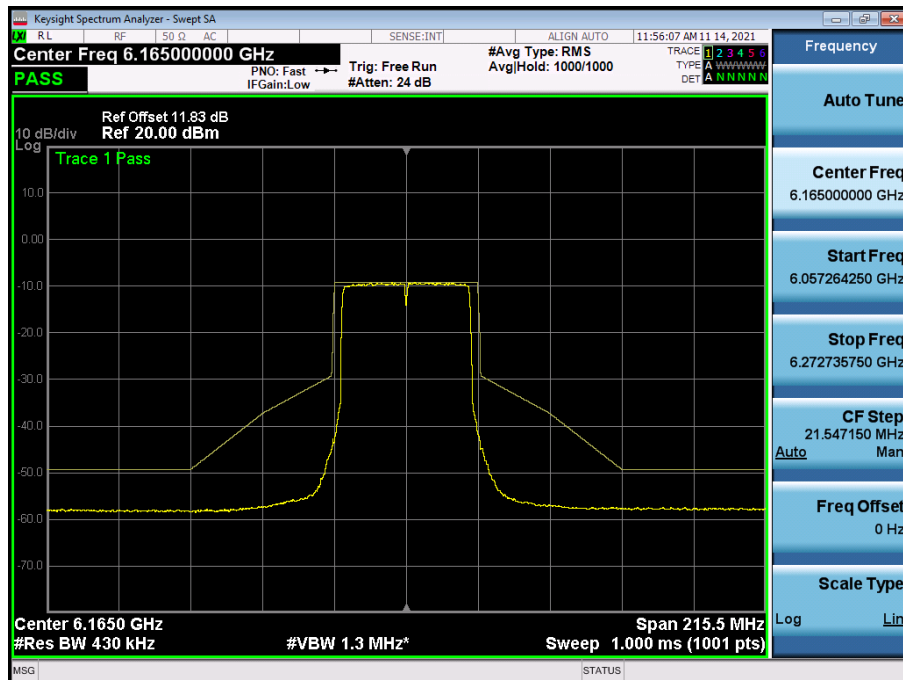802.11ax HE20 Ch.209(6995 MHz) 242 Tones 61 RU

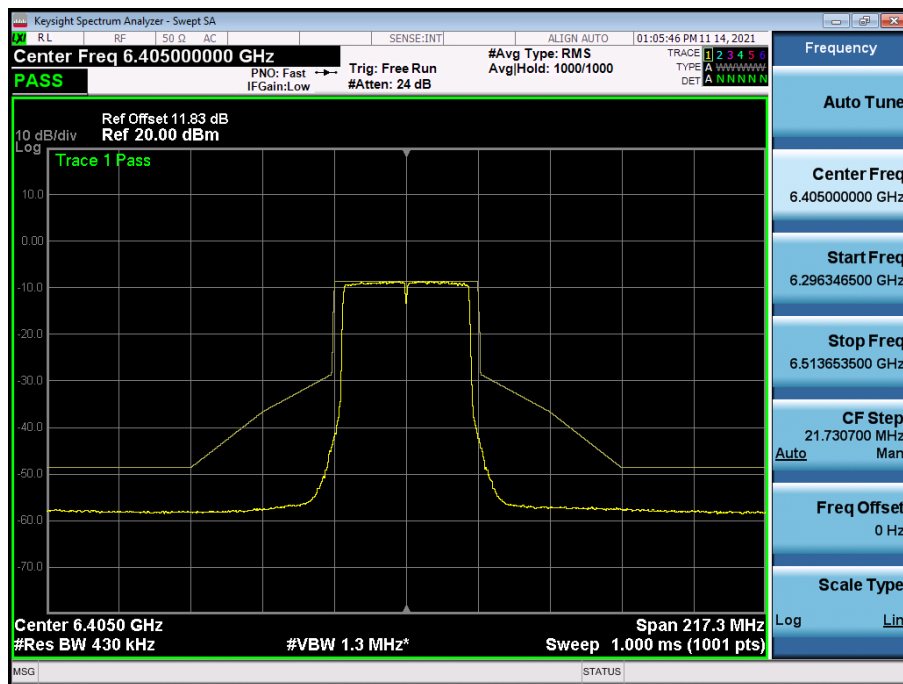802.11ax HE20 Ch.233(7115 MHz) 242 Tones 61 RU

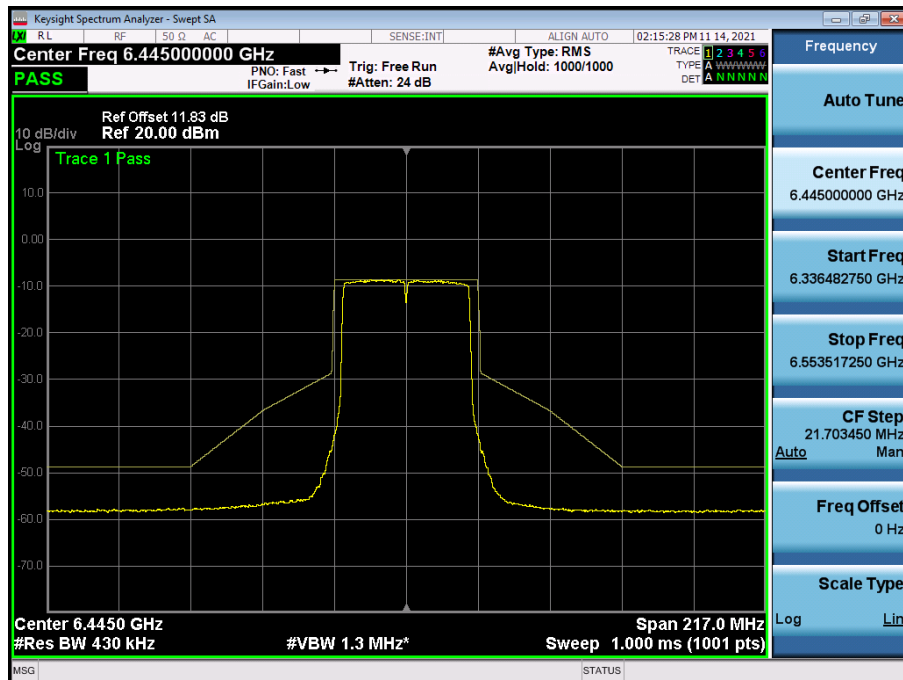802.11ax HE40 Ch.3(5965 MHz) 484 Tones 65 RU

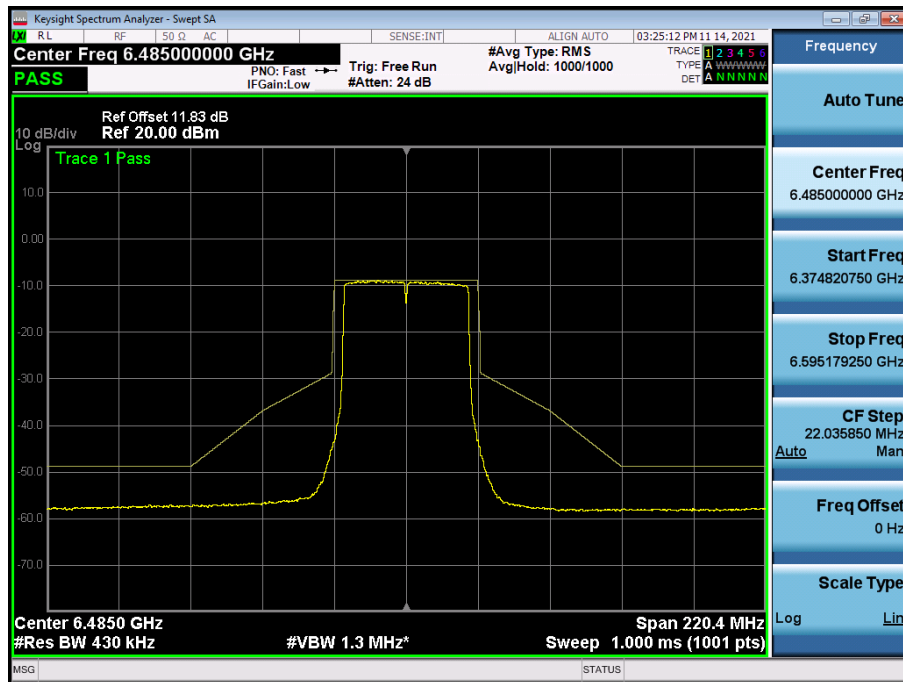802.11ax HE40 Ch.43(6165 MHz) 484 Tones 65 RU

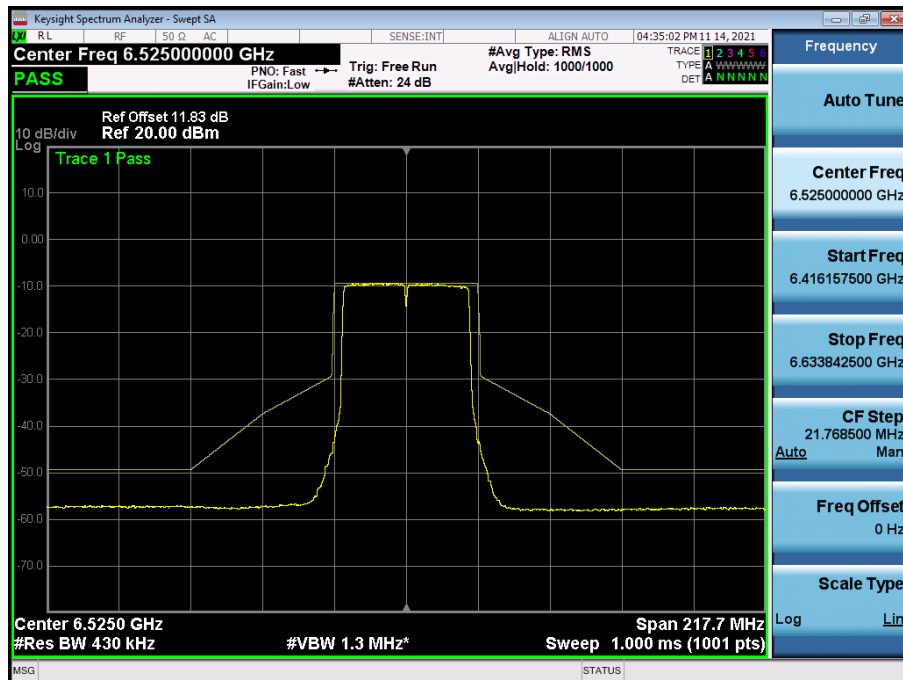802.11ax HE40 Ch.91(6405 MHz) 484 Tones 65 RU

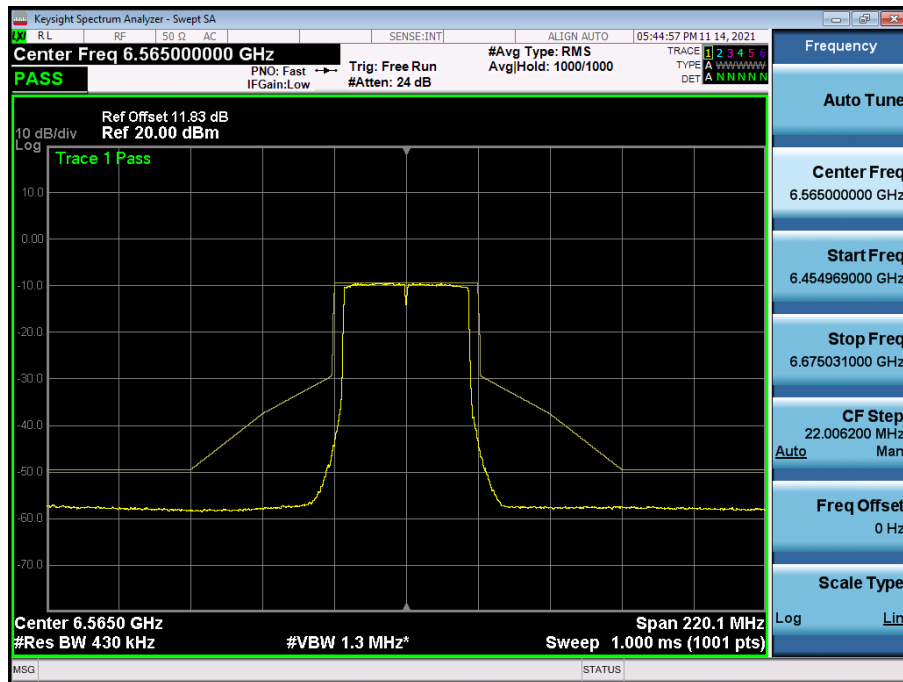802.11ax HE40 Ch.99(6445 MHz) 484 Tones 65 RU

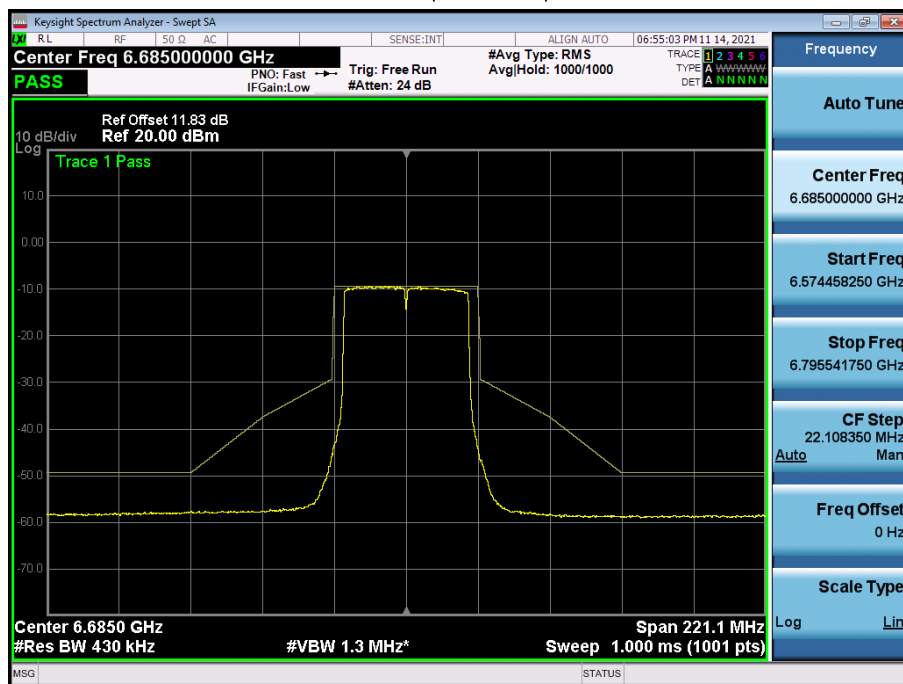802.11ax HE40 Ch.107(6485 MHz) 484 Tones 65 RU

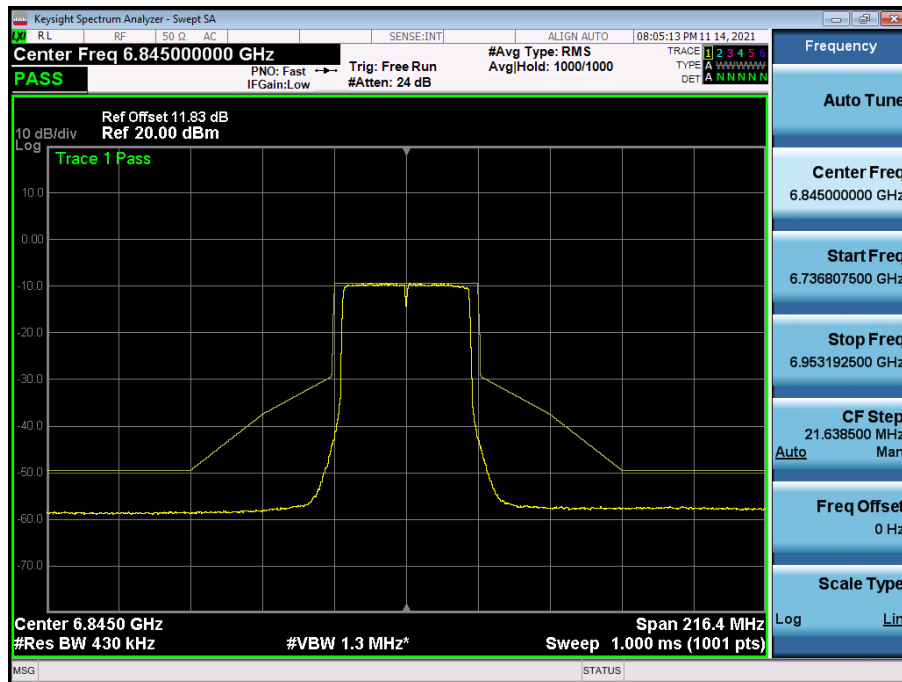802.11ax HE40 Ch.115(6525 MHz) 484 Tones 65 RU

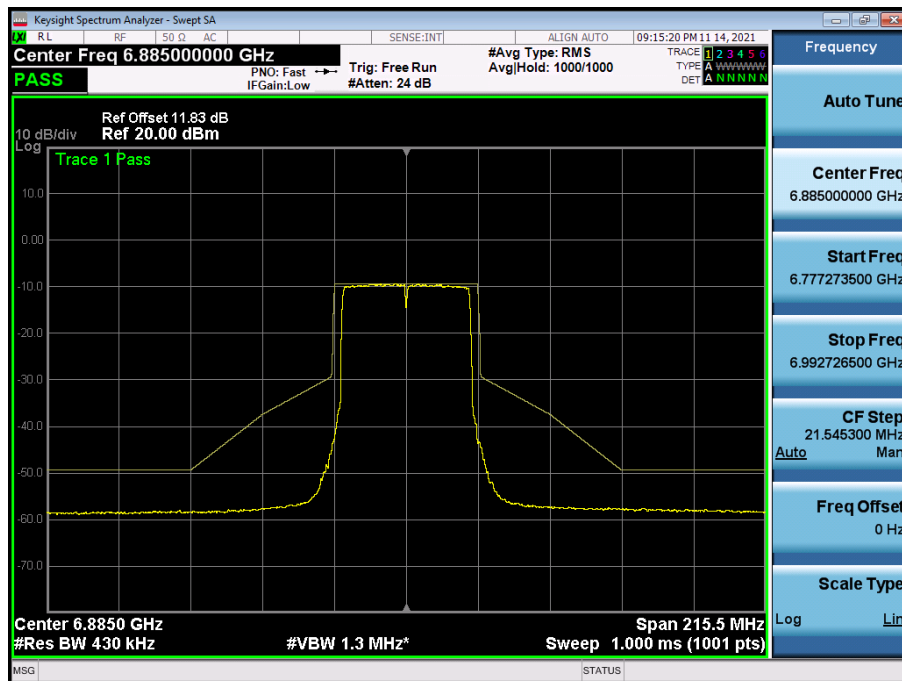802.11ax HE40 Ch.123(6565 MHz) 484 Tones 65 RU

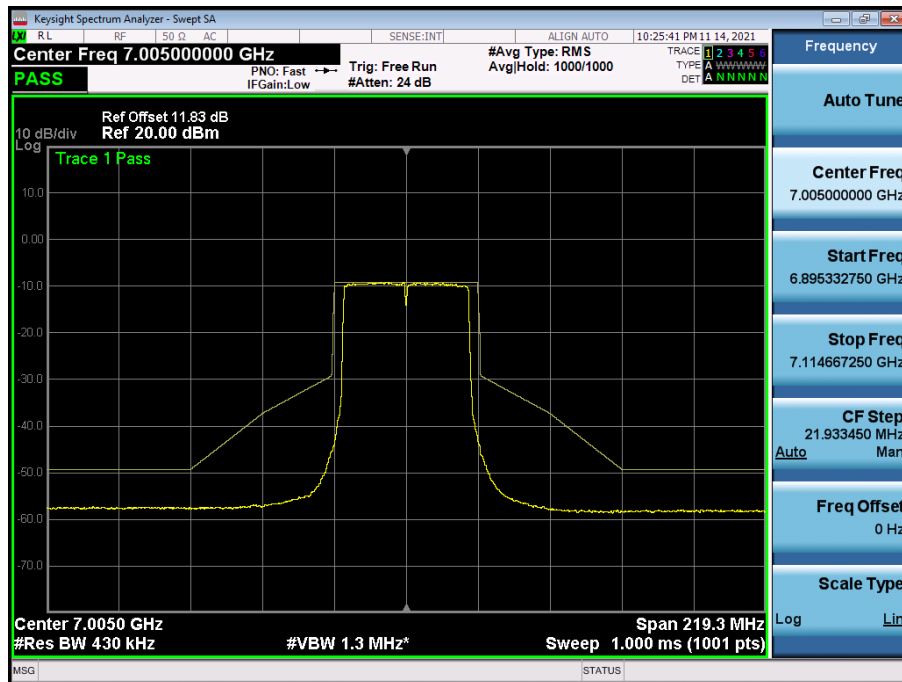802.11ax HE40 Ch.147(6685 MHz) 484 Tones 65 RU
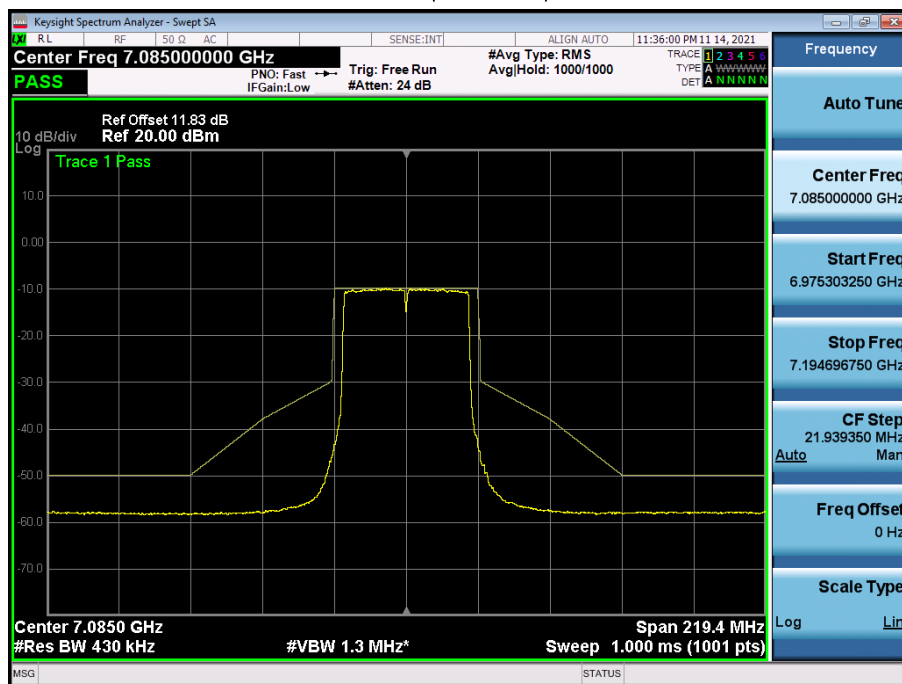
802.11ax HE40 Ch.179(6845 MHz) 484 Tones 65 RU

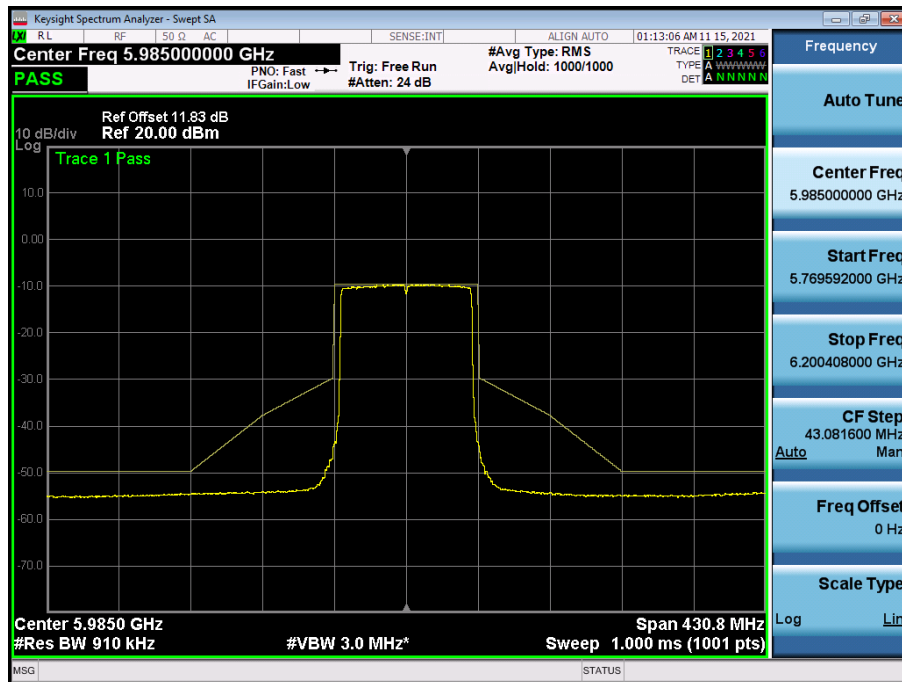802.11ax HE40 Ch.187(6885 MHz) 484 Tones 65 RU
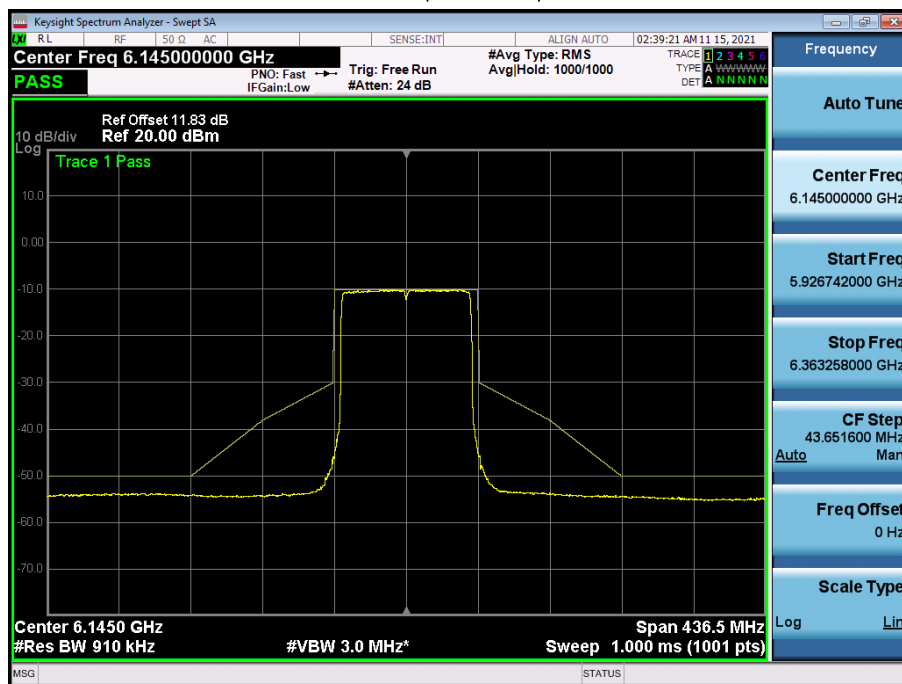
802.11ax HE40 Ch.211(7005 MHz) 484 Tones 65 RU

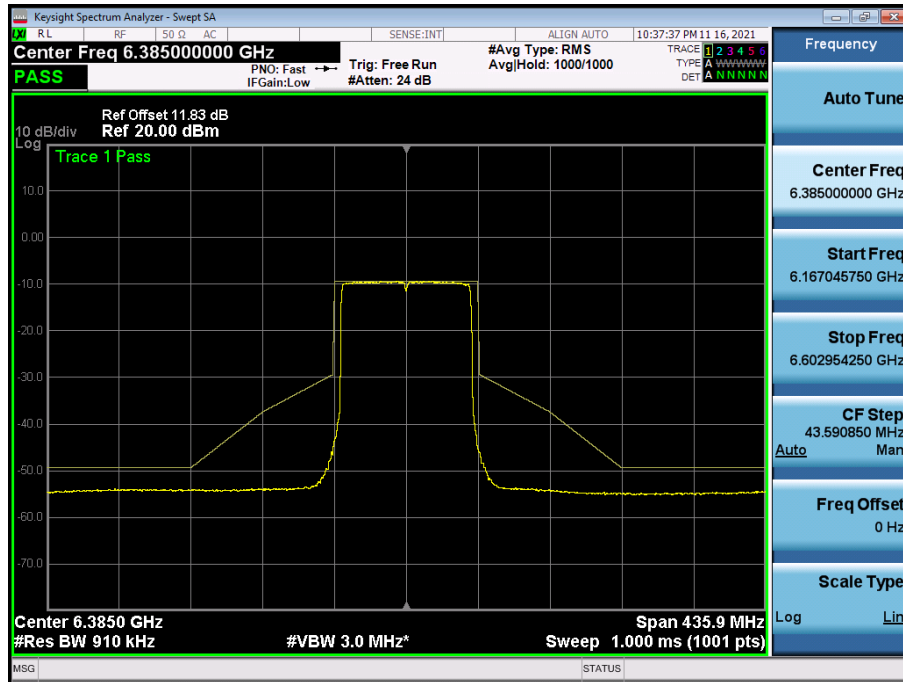802.11ax HE40 Ch.227(7085 MHz) 484 Tones 65 RU

802.11ax HE80 Ch.7(5985 MHz) 996 Tones 67 RU

802.11ax HE80 Ch.39(6145 MHz) 996 Tones 67 RU

802.11ax HE80 Ch.87(6385 MHz) 996 Tones 67 RU

802.11ax HE80 Ch.103(6465 MHz) 996 Tones 67 RU