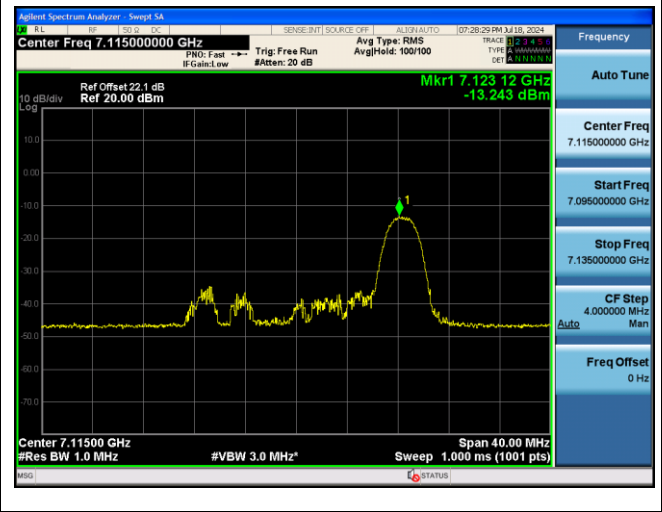


26 Tone\_RU0\_CH189 (6895MHz)

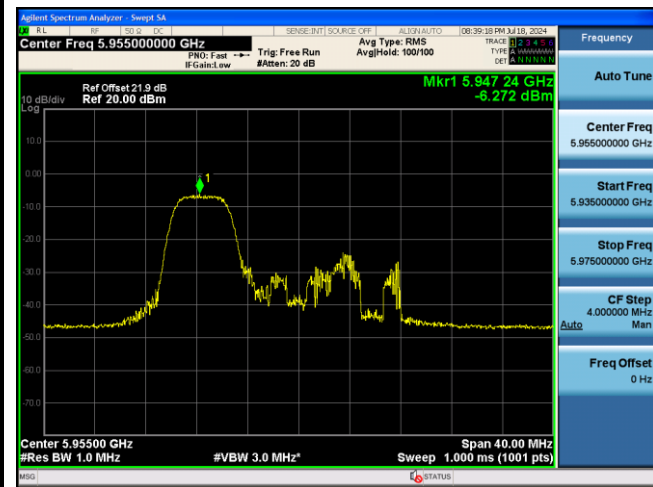


26 Tone\_RU8\_CH233 (7115MHz)

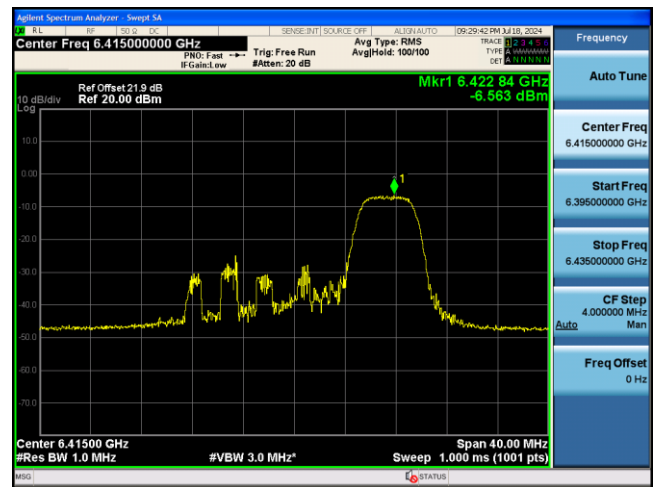


## 802.11ax-HE20 Power Spectral Density - Ant 1

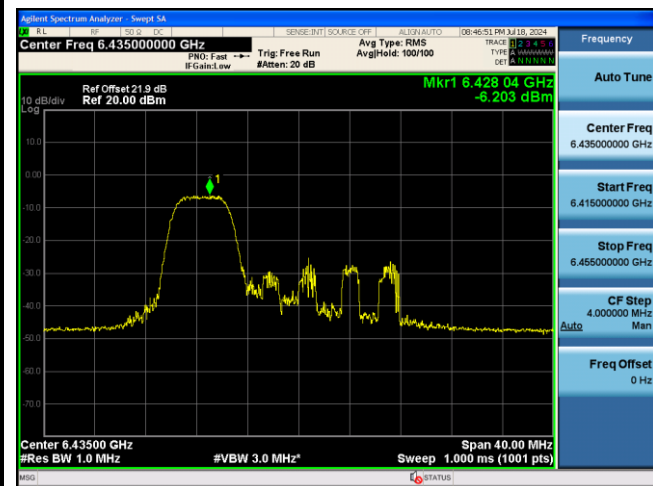
52 Tone\_RU74\_CH1 (5955MHz)



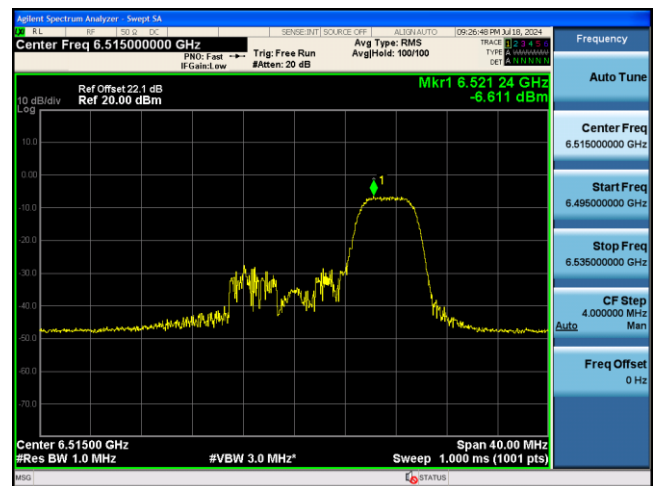
52 Tone\_RU77\_CH93 (6415MHz)



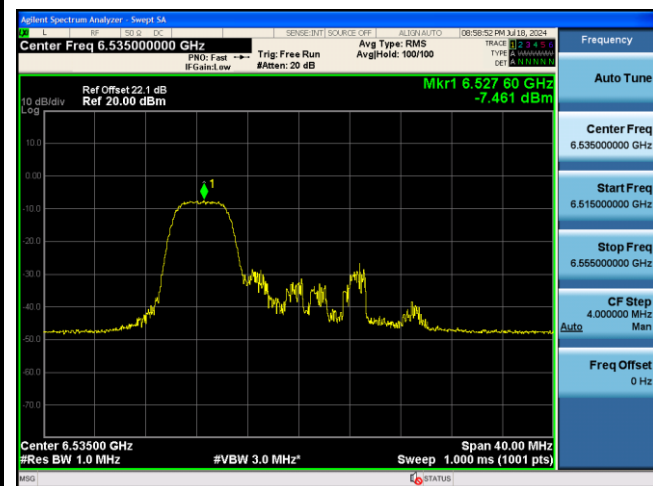
52 Tone\_RU74\_CH97 (6435MHz)



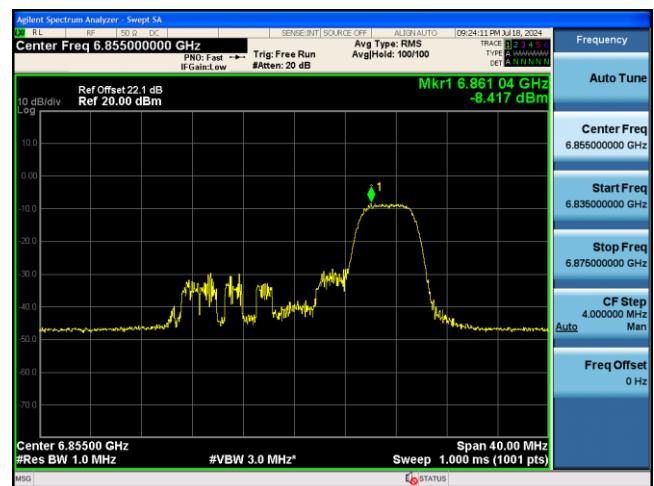
52 Tone\_RU77\_CH113 (6515MHz)



52 Tone\_RU74\_CH117 (6535MHz)



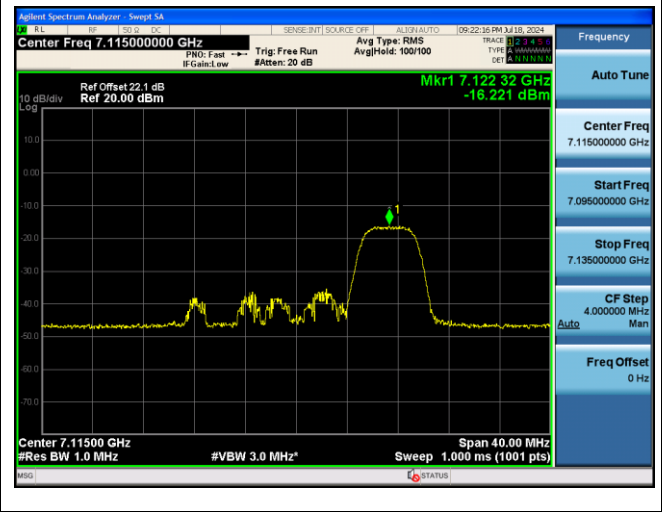
52 Tone\_RU77\_CH181 (6855MHz)



52 Tone\_RU74\_CH189 (6895MHz)

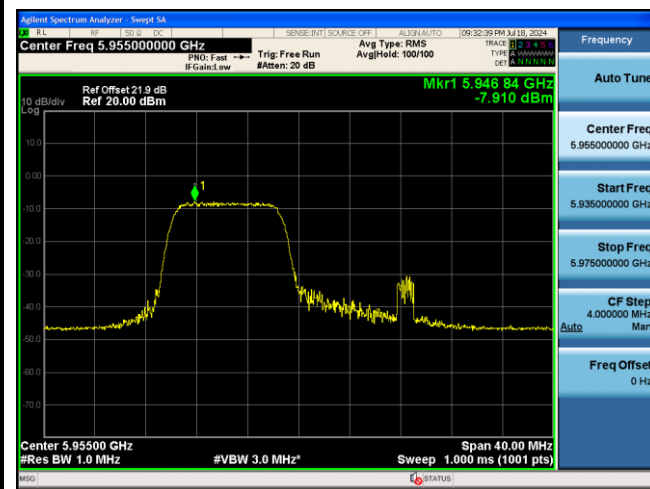


52 Tone\_RU77\_CH233 (7115MHz)

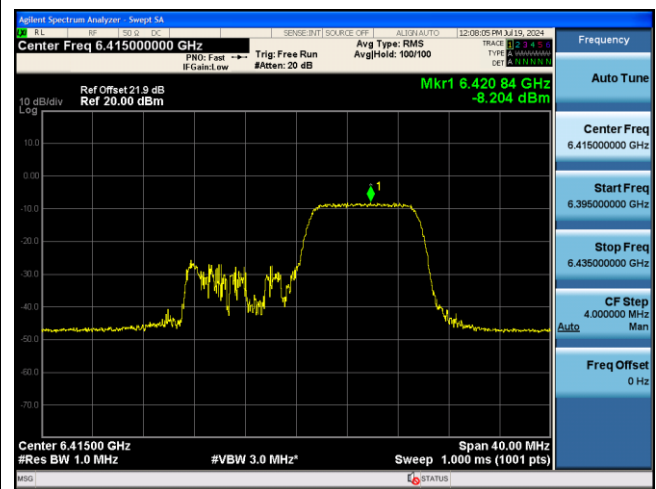


802.11ax-HE20 Power Spectral Density - Ant 1

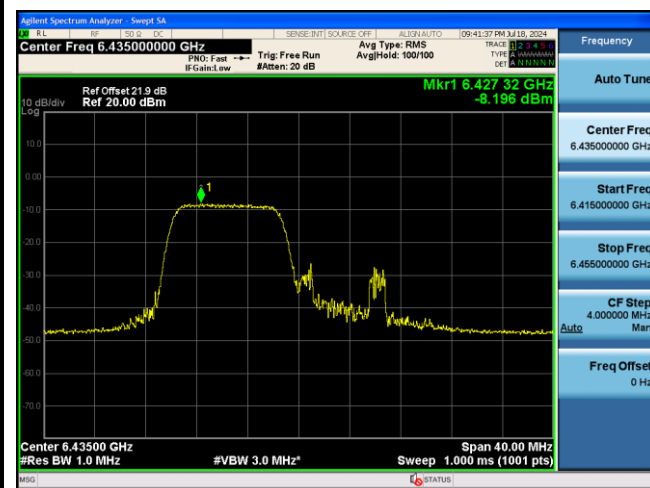
106 Tone\_RU106\_CH1 (5955MHz)



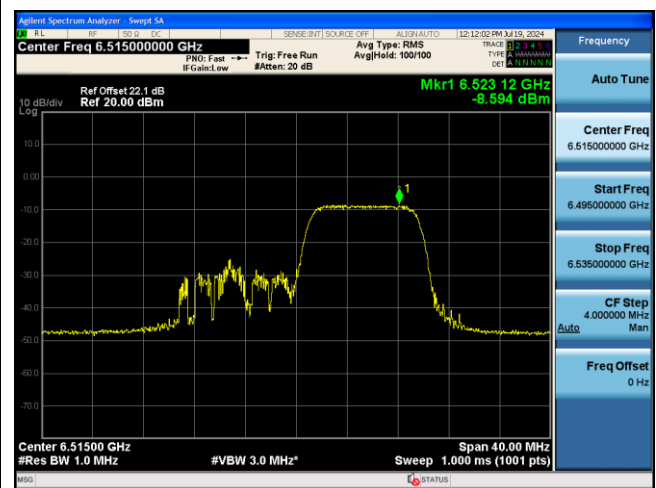
106 Tone\_RU107\_CH93 (6415MHz)



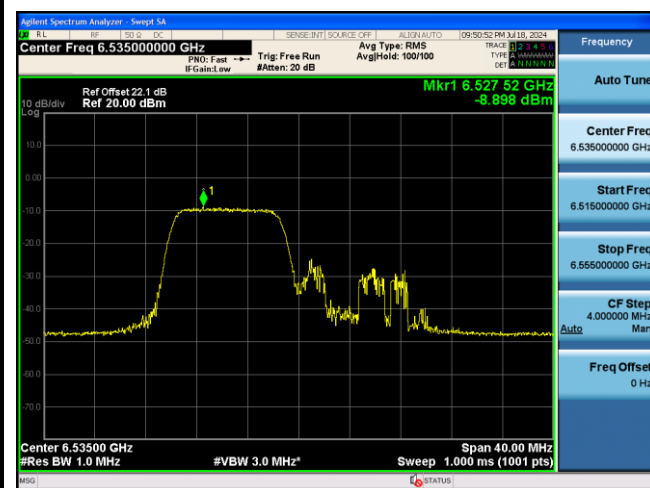
106 Tone\_RU106\_CH97 (6435MHz)



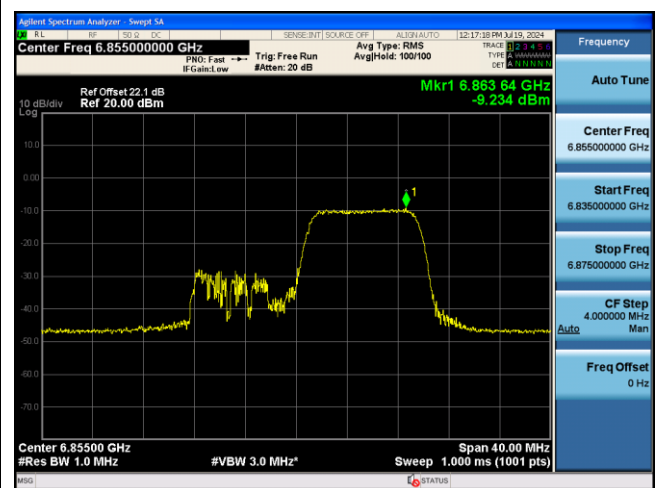
106 Tone\_RU107\_CH113 (6515MHz)



106 Tone\_RU106\_CH117 (6535MHz)



106 Tone\_RU107\_CH181 (6855MHz)



106 Tone\_RU106\_CH189 (6895MHz)

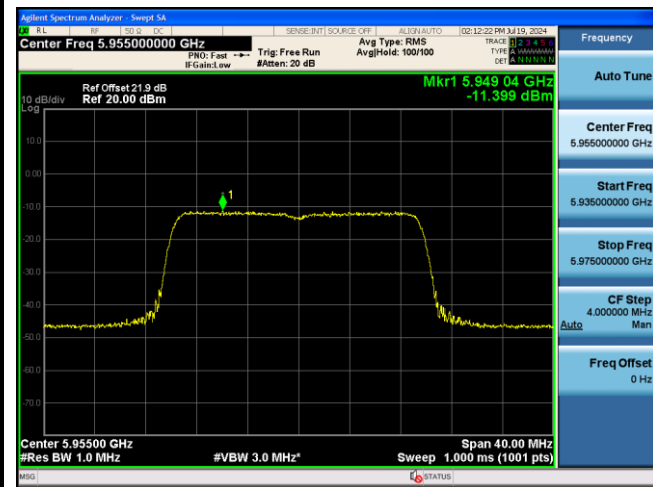


106 Tone\_RU107\_CH233 (7115MHz)

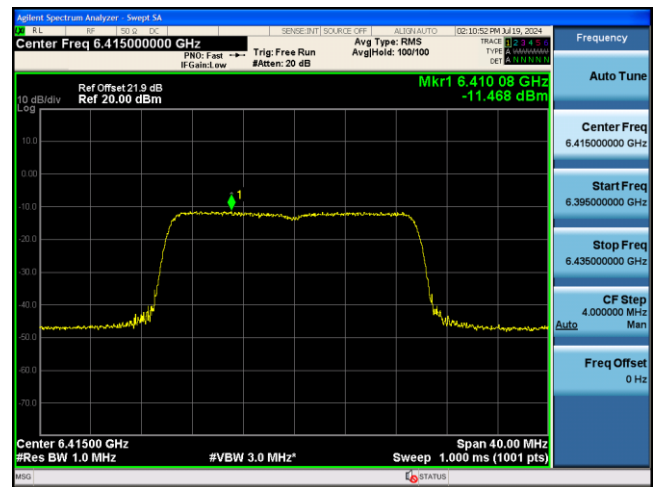


## 802.11ax-HE20 Power Spectral Density - Ant 1

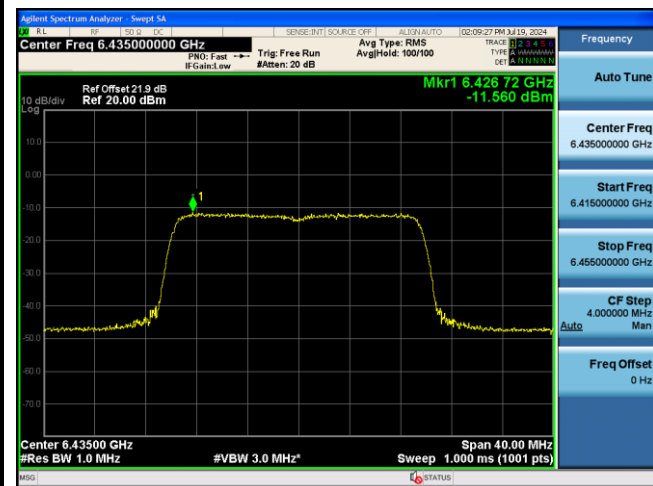
242 Tone\_RU122\_CH1 (5955MHz)



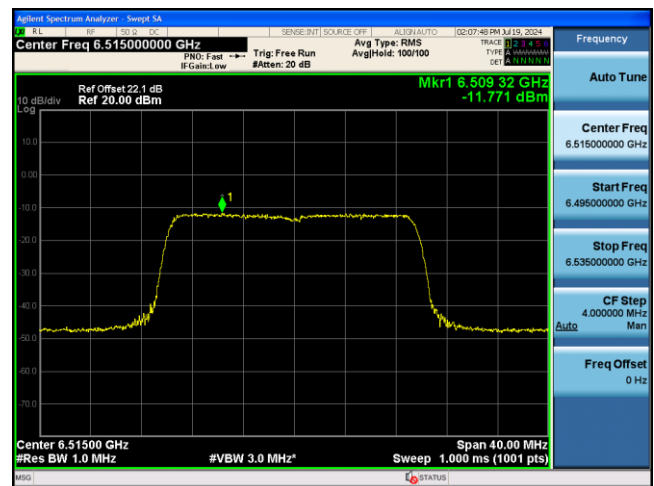
242 Tone\_RU122\_CH93 (6415MHz)



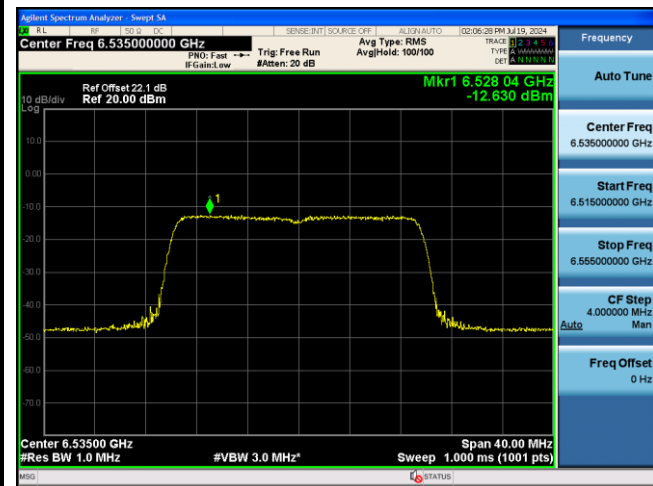
242 Tone\_RU122\_CH97 (6435MHz)



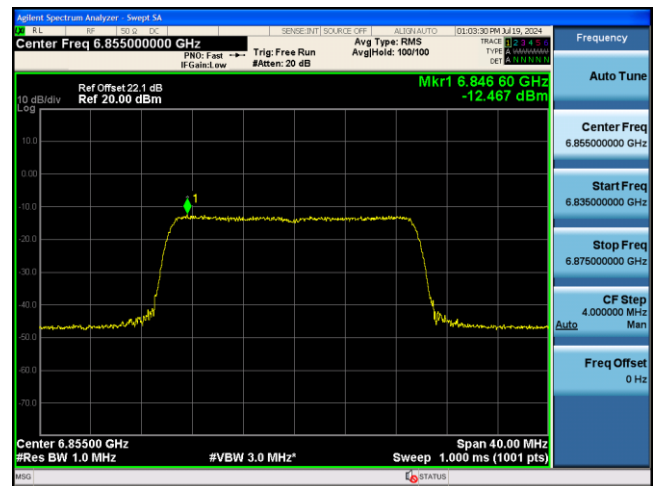
242 Tone\_RU122\_CH113 (6515MHz)



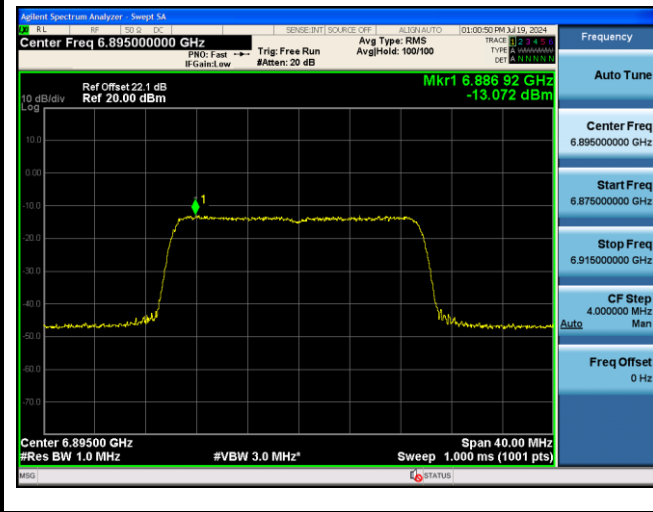
242 Tone\_RU122\_CH117 (6535MHz)



242 Tone\_RU122\_CH181 (6855MHz)



242 Tone\_RU122\_CH189 (6895MHz)



242 Tone\_RU122\_CH233 (7115MHz)



## 6.5. In-Band Emission Measurement

### 6.5.1. Test Limit

Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)

Suppressed by 28 dB at one channel bandwidth from the channel center.

Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.

### 6.5.2. Test Procedure used

KDB 987594 D02v02r01- Section J

### 6.5.3. Test Setting

#### Emissions Mask Reference Level Measurement

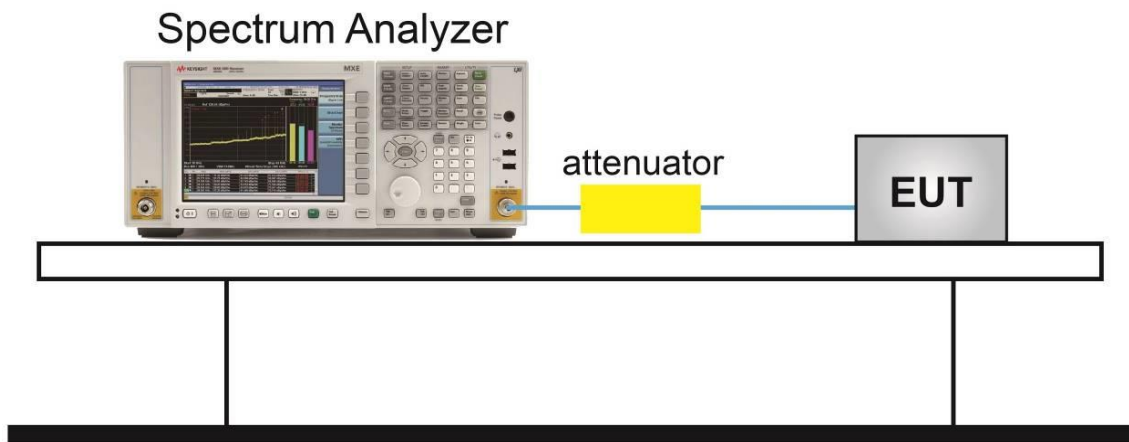
1. Set the span to encompass the entire 26 dB EBW of the signal.
2. Set RBW = same RBW used for 26 dB EBW measurement.
3. Set VBW  $\geq 3 \times$  RBW.
4. Number of points in sweep  $\geq [2 \times \text{span} / \text{RBW}]$ .
5. Sweep time = auto.
6. Detector = RMS.
7. Trace average at least 100 traces in power averaging (rms) mode.
8. Use the peak search function on the instrument to find the peak of the spectrum.

#### In-Band Emission

1. Using the measuring equipment limit line function, develop the emissions mask based on rule.
2. Adjust the span to encompass the entire mask as necessary.
3. Clear trace.
4. Trace average at least 100 traces in power averaging (rms) mode.
5. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

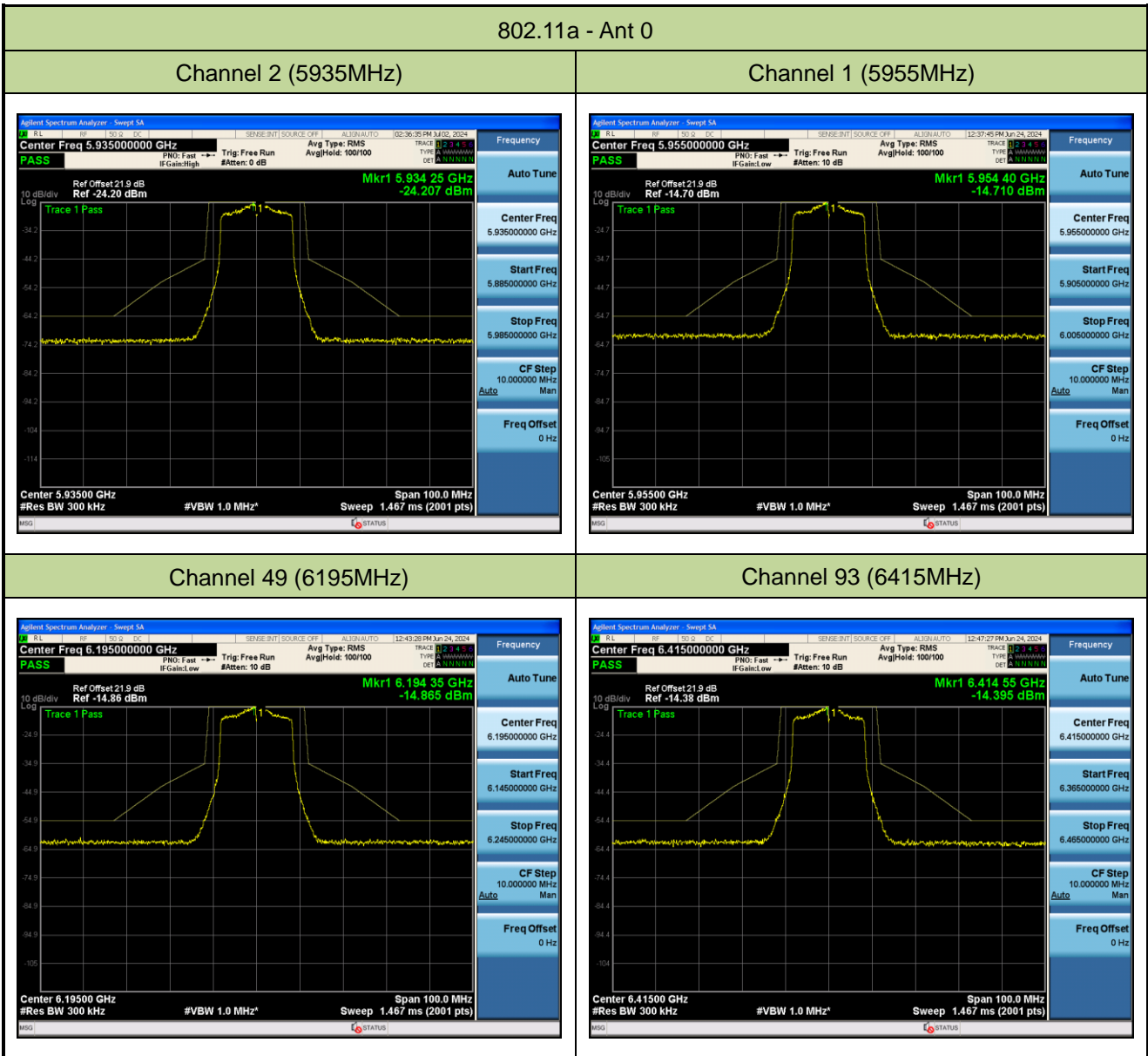


### 6.5.4. Test Setup



### 6.5.5. Test Result

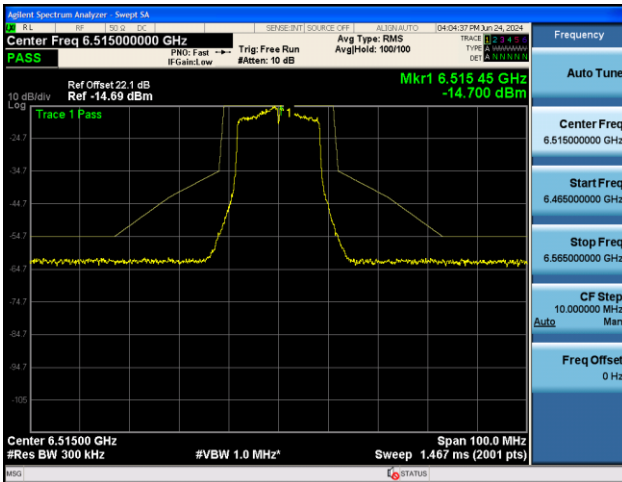
Test Site	SR6	Test Engineer	Owen
Test Date	2024/6/24~2024/7/2		



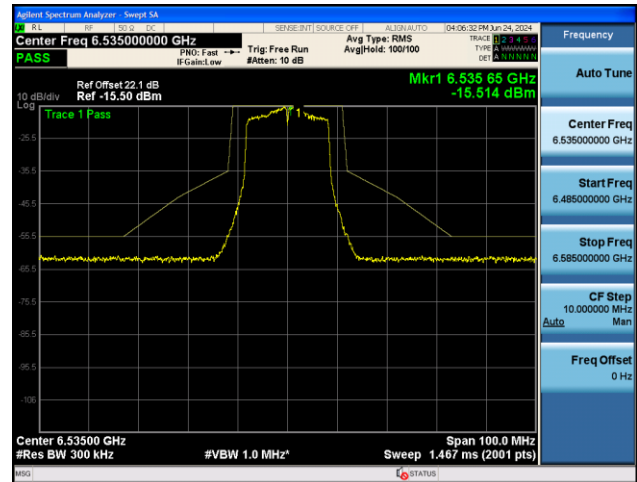


## 802.11a - Ant 0

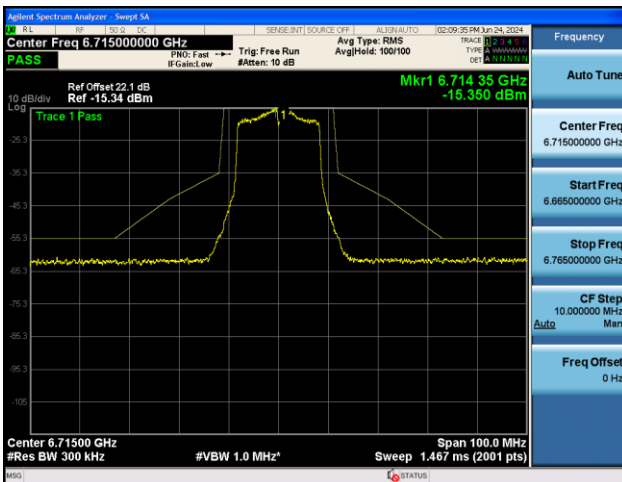
## Channel 113 (6515MHz)



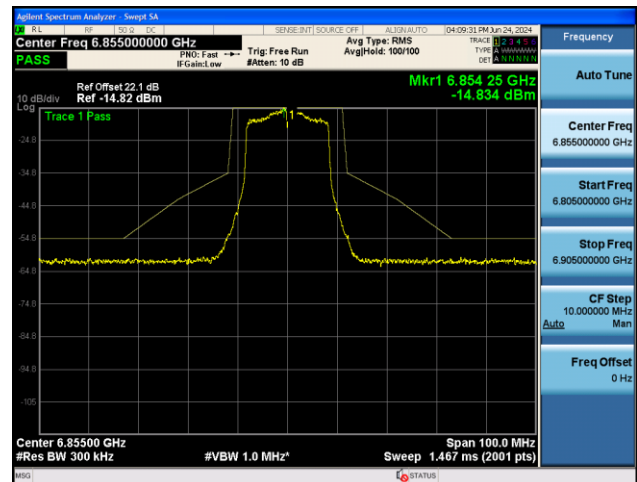
## Channel 117 (6535MHz)



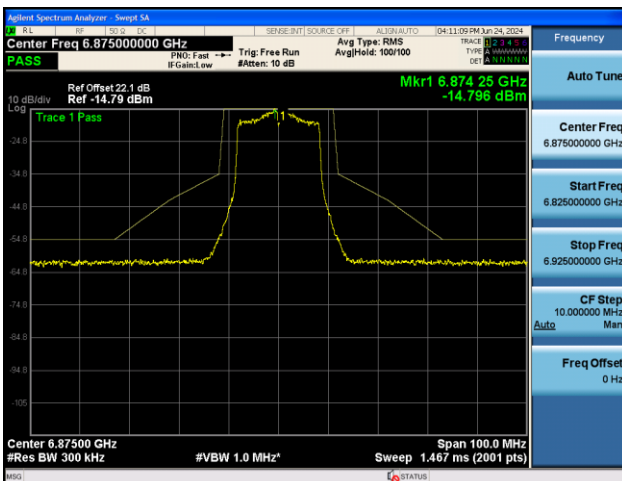
## Channel 153 (6715MHz)



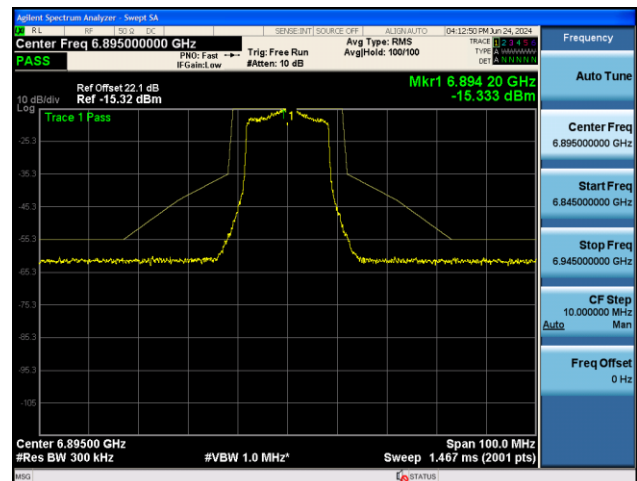
## Channel 181 (6855MHz)



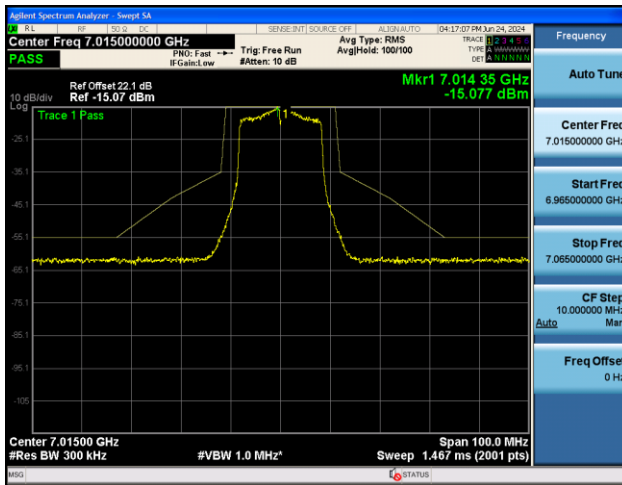
## Channel 185 (6875MHz)



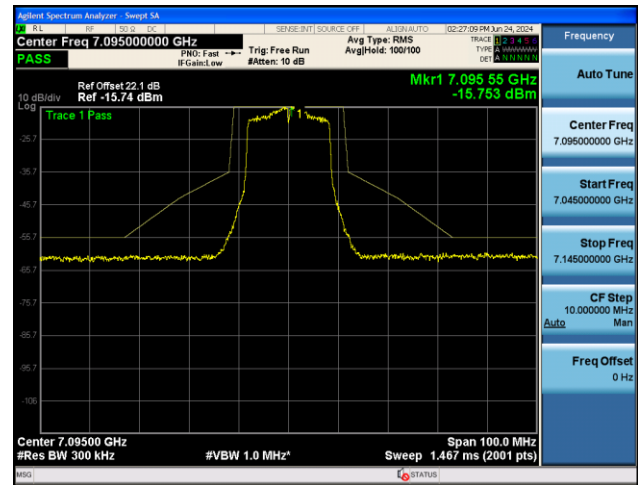
## Channel 189 (6895MHz)



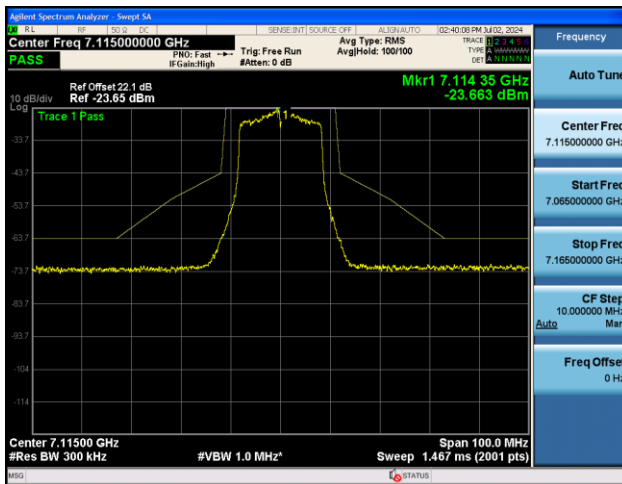
## Channel 213 (7015MHz)



## Channel 229 (7095MHz)

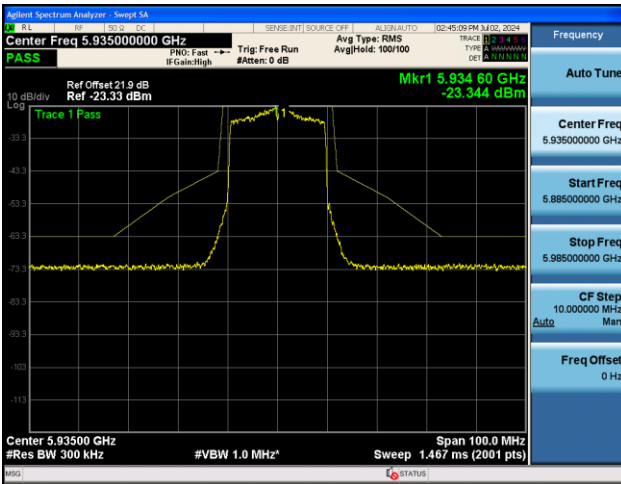


## Channel 233 (7115MHz)

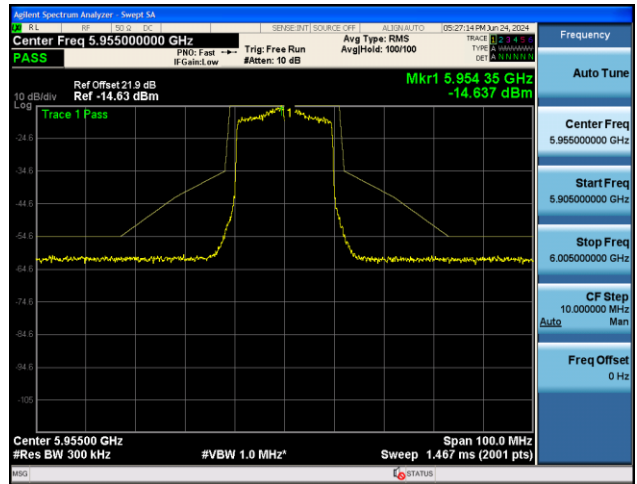


802.11ax-HE20 - Ant 0

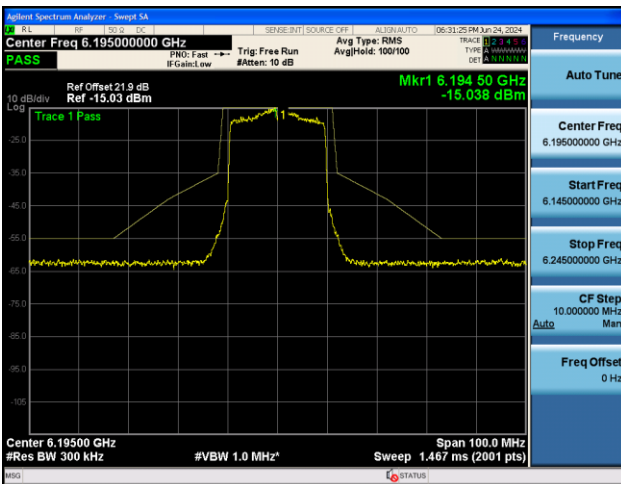
Channel 2 (5935MHz)



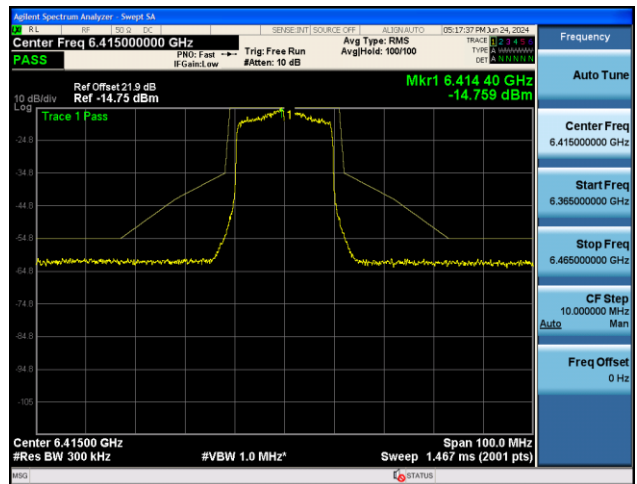
Channel 1 (5955MHz)



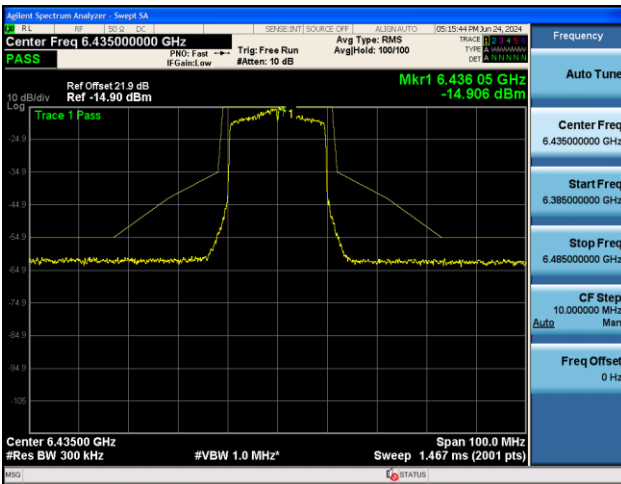
Channel 49 (6195MHz)



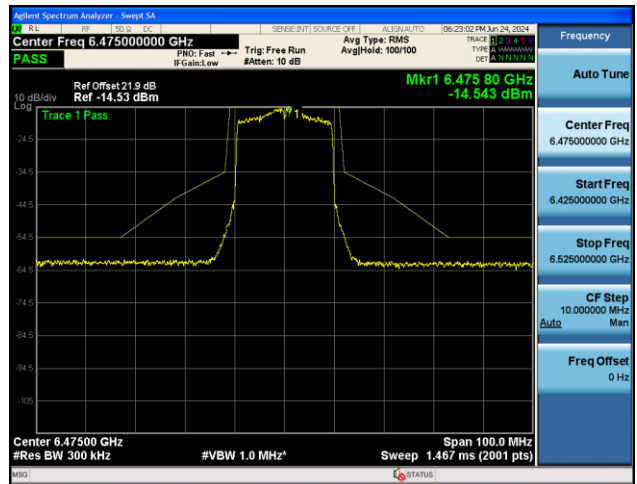
Channel 93 (6415MHz)



Channel 97 (6435MHz)

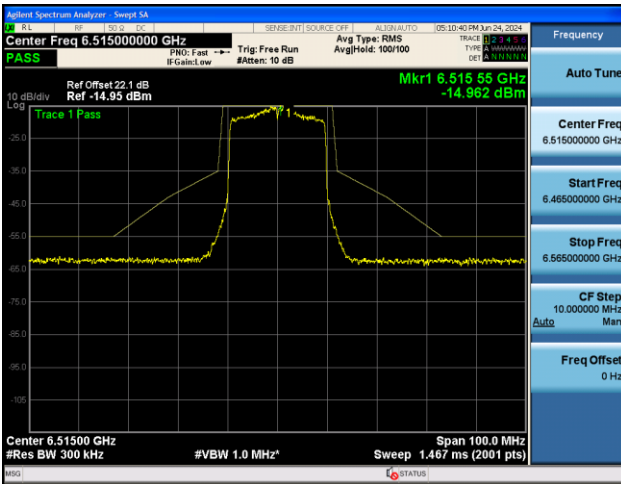


Channel 105 (6475MHz)

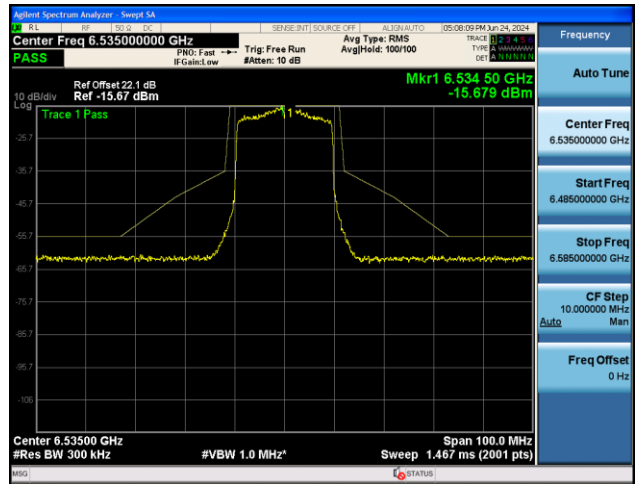


802.11ax-HE20 - Ant 0

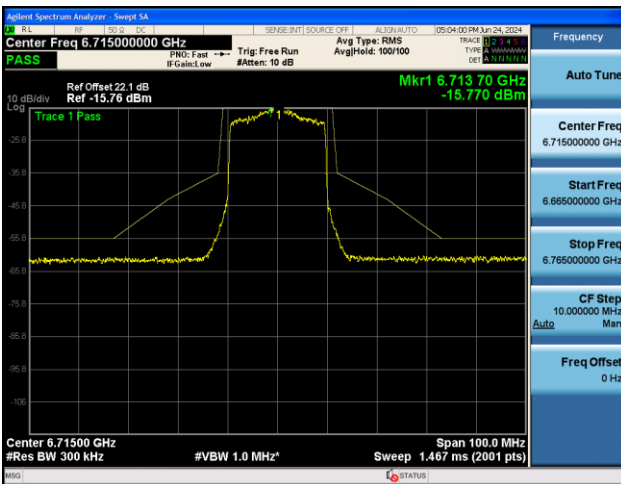
Channel 113 (6515MHz)



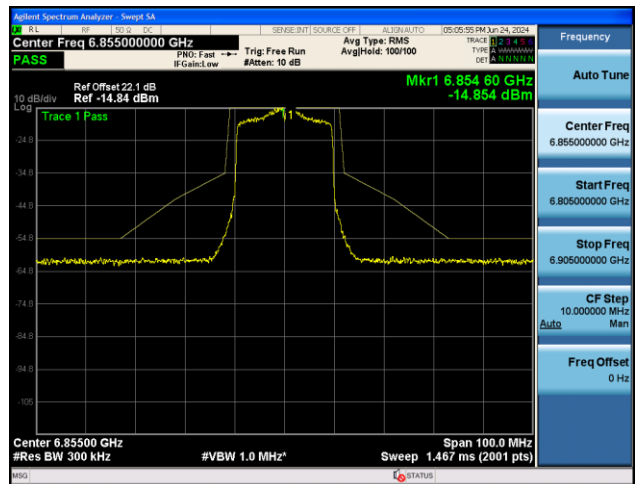
Channel 117 (6535MHz)



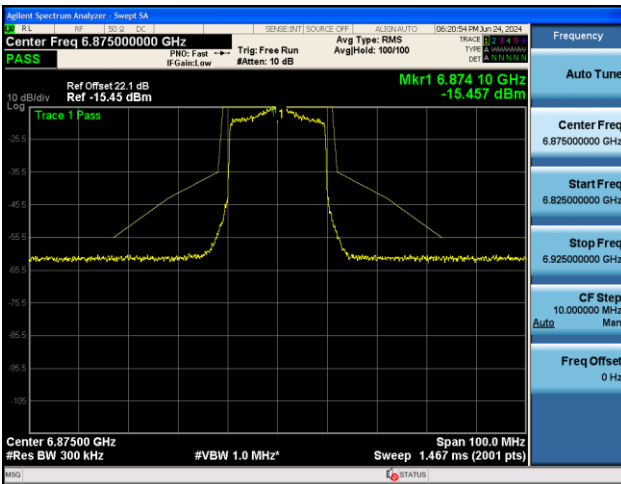
Channel 153 (6715MHz)



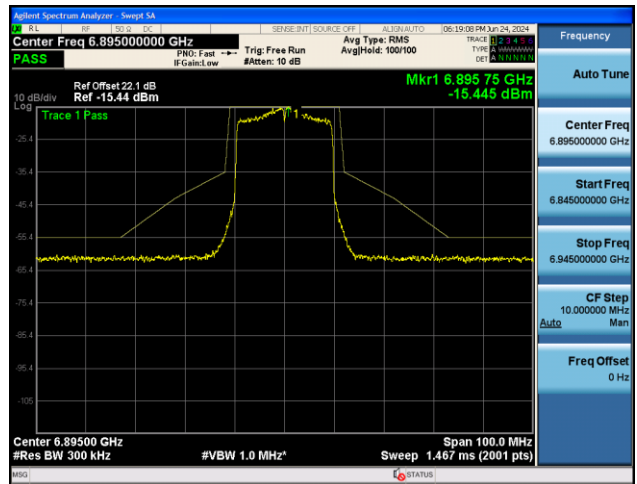
Channel 181 (6855MHz)



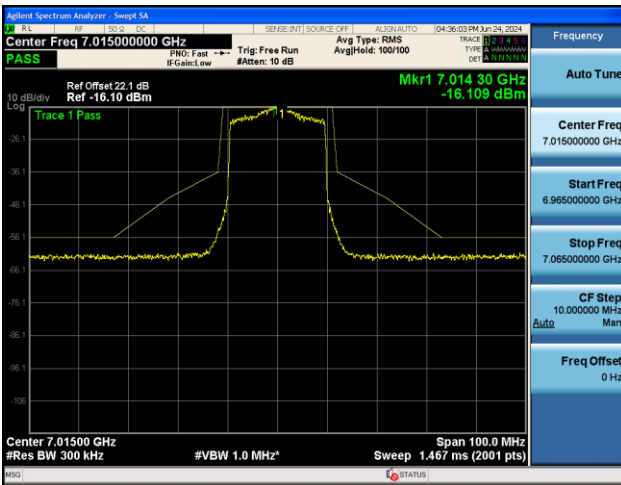
Channel 185 (6875MHz)



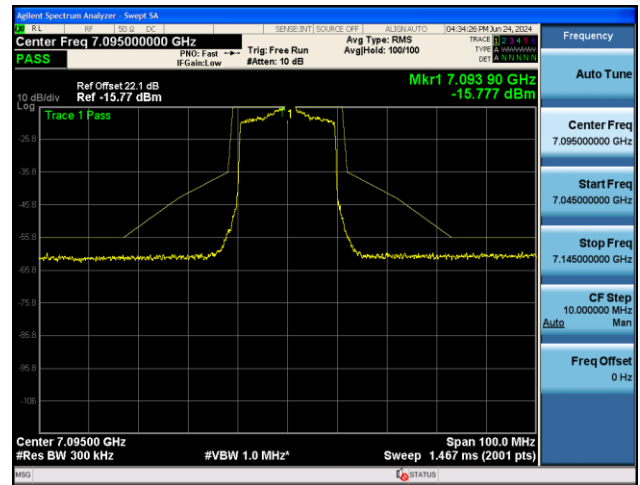
Channel 189 (6895MHz)



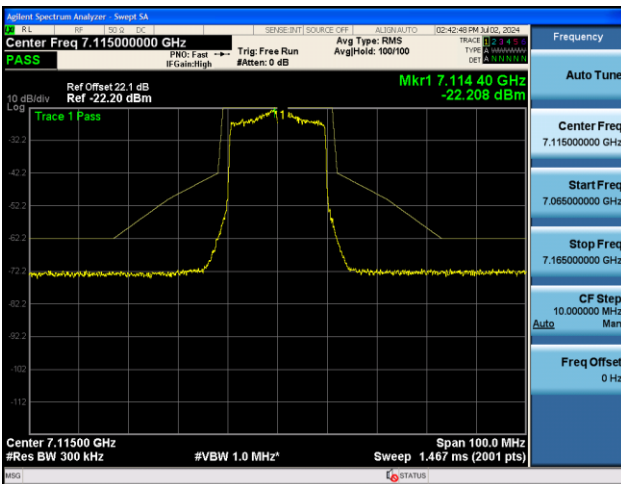
Channel 213 (7015MHz)



Channel 229 (7095MHz)



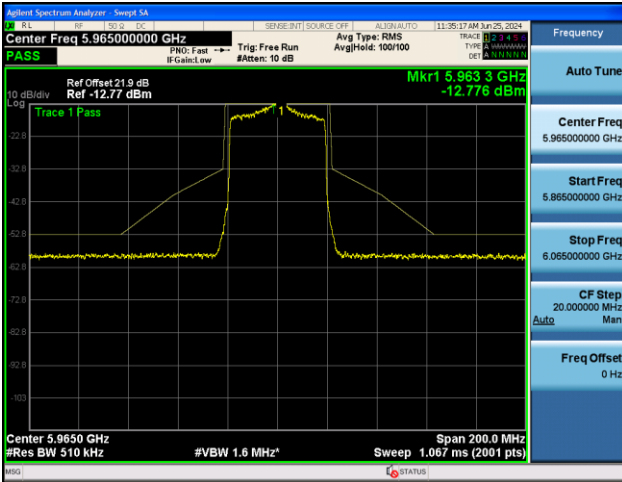
Channel 233 (7115MHz)



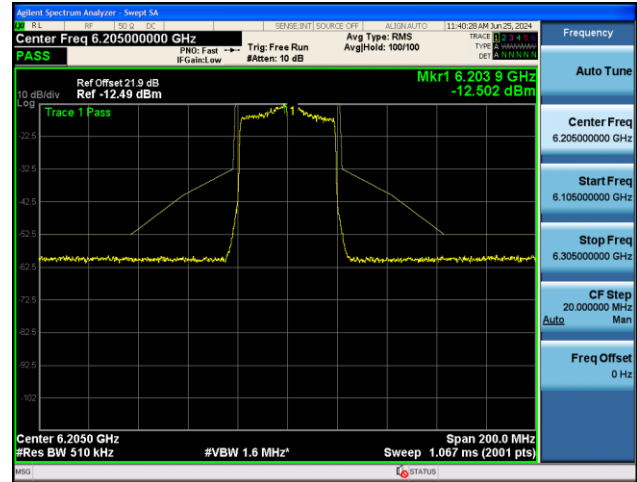


802.11ax-HE40 - Ant 0

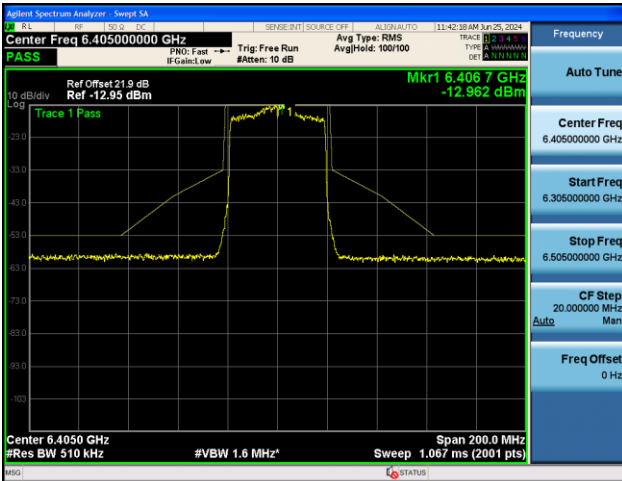
Channel 3 (5965MHz)



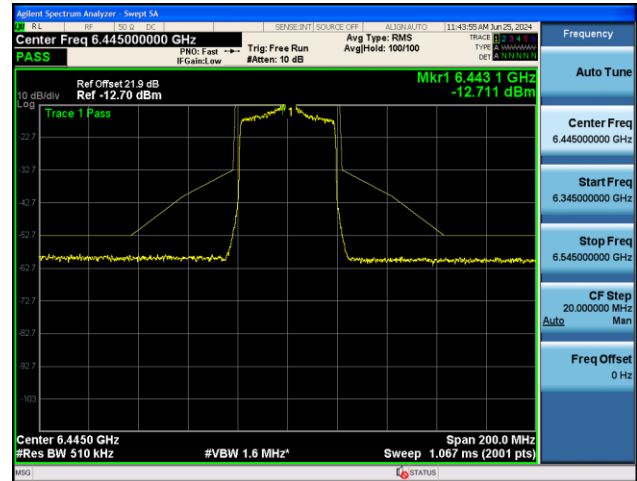
Channel 51 (6205MHz)



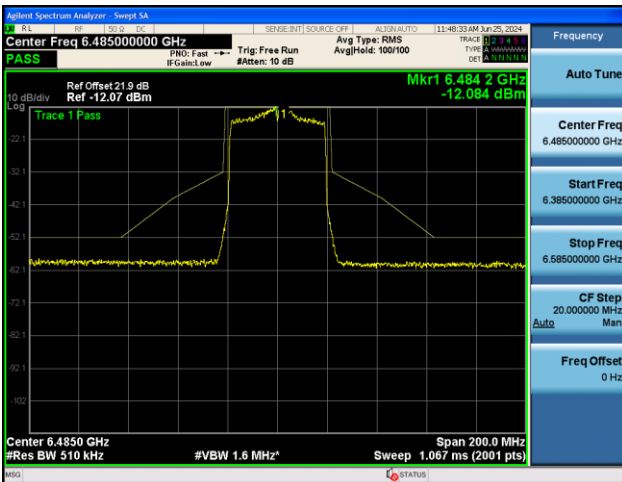
Channel 91 (6405MHz)



Channel 99 (6445MHz)



Channel 107 (6485MHz)



Channel 115 (6525MHz)

