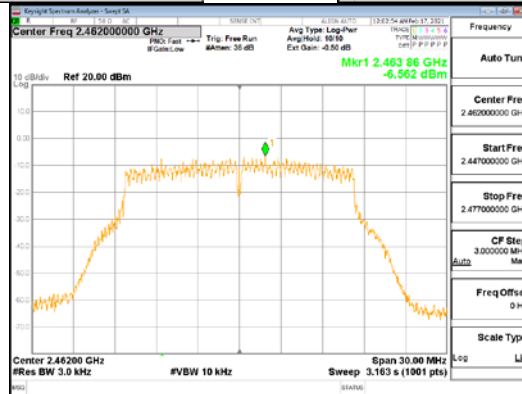
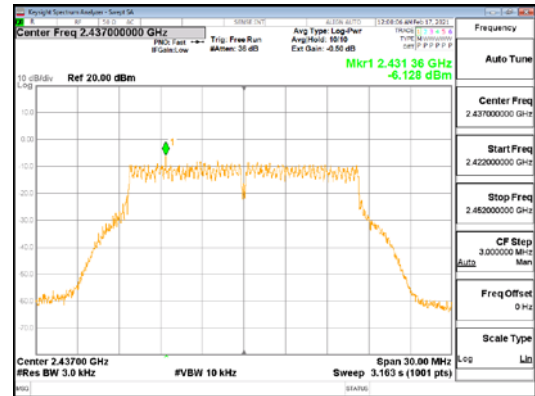
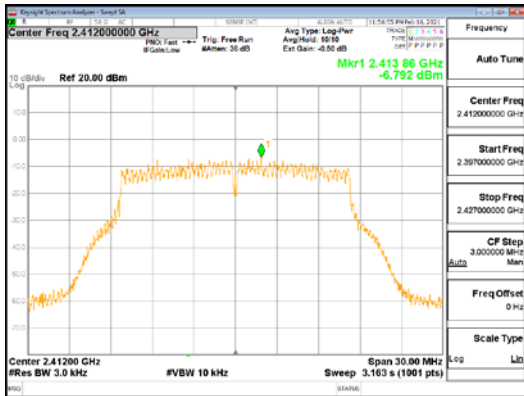


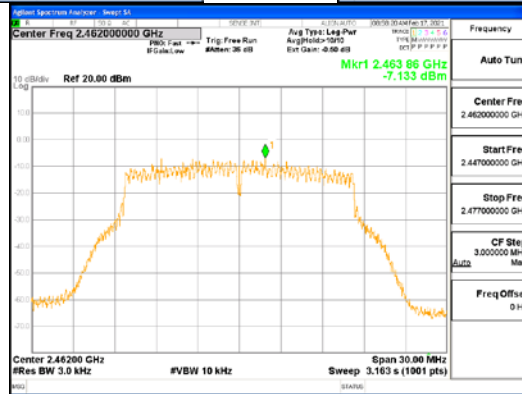
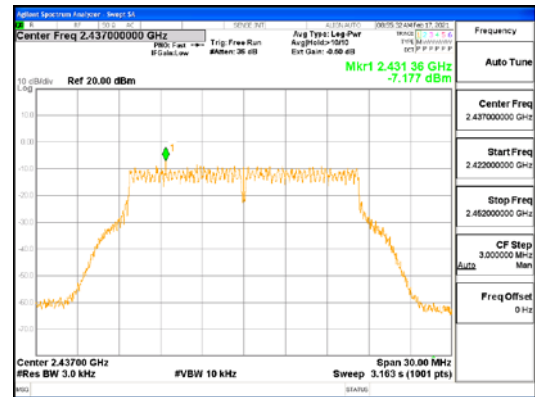
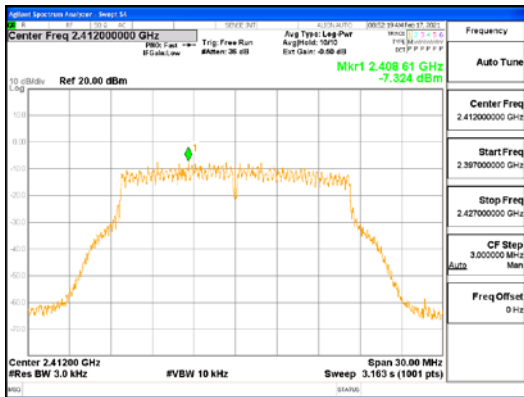


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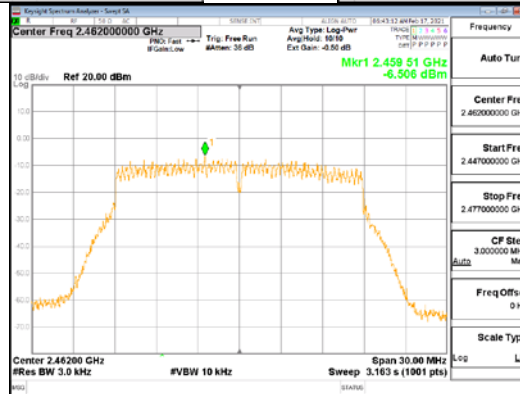
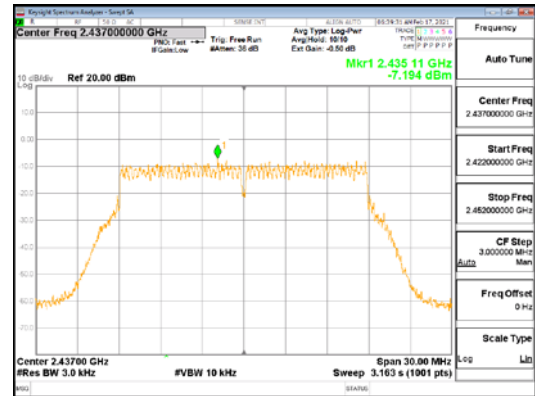
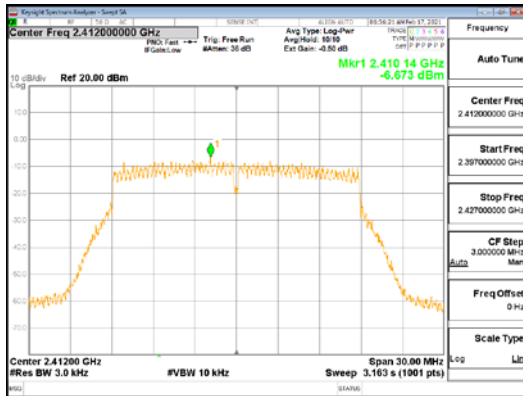
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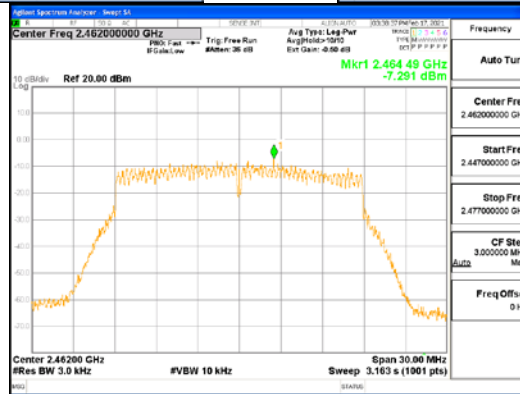
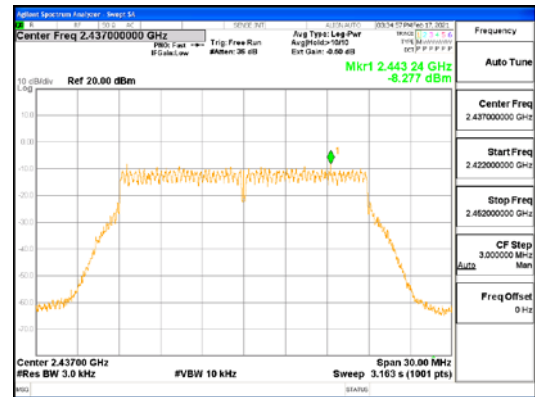
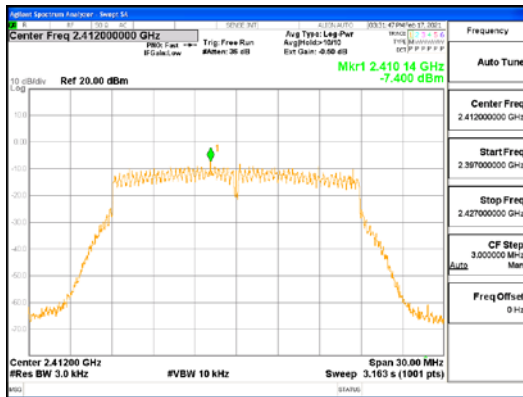
ANT3, 802.11g



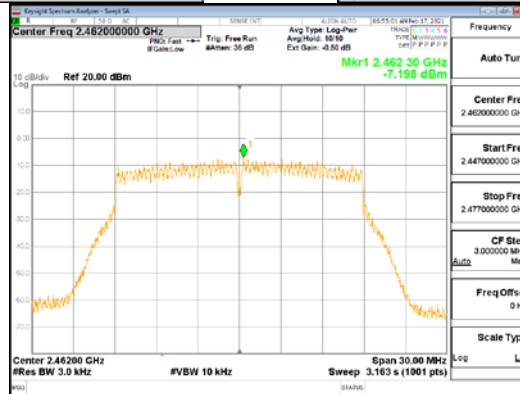
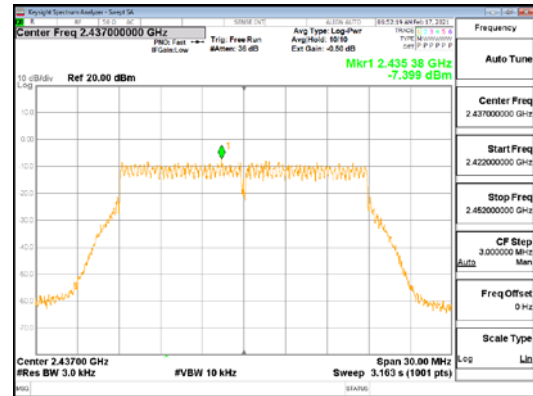
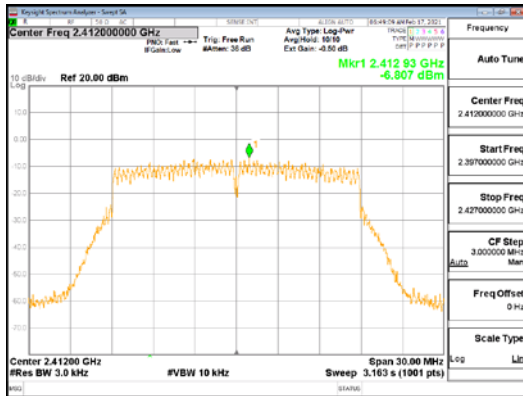
ANT4, 802.11g



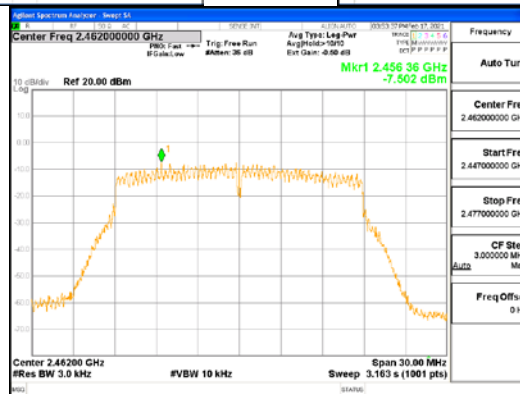
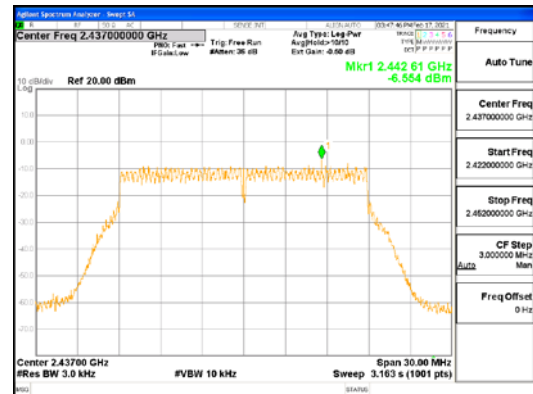
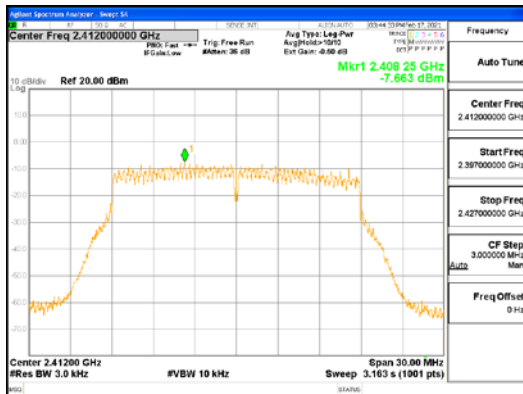
**ANT1, 802.11n\_HT20**



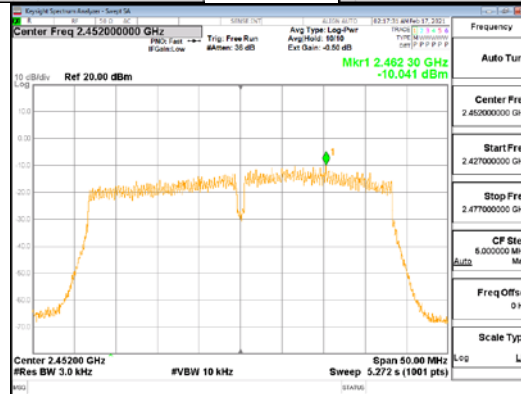
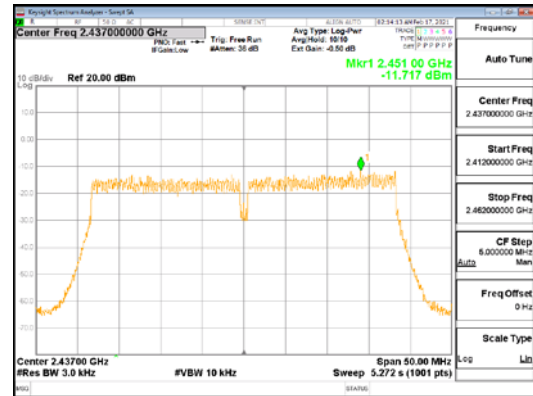
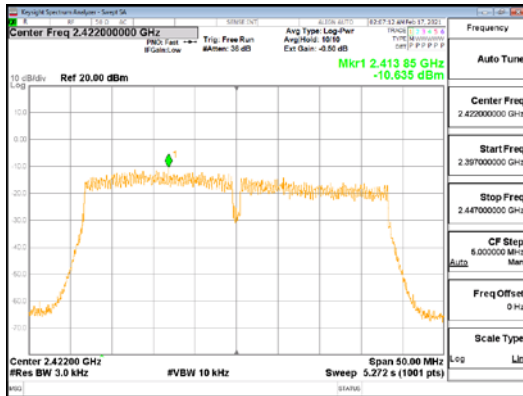
**ANT2, 802.11n\_HT20**



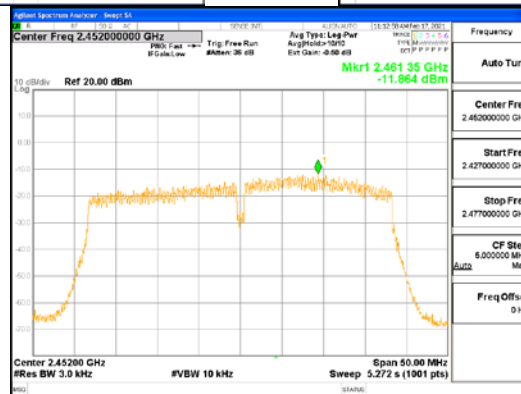
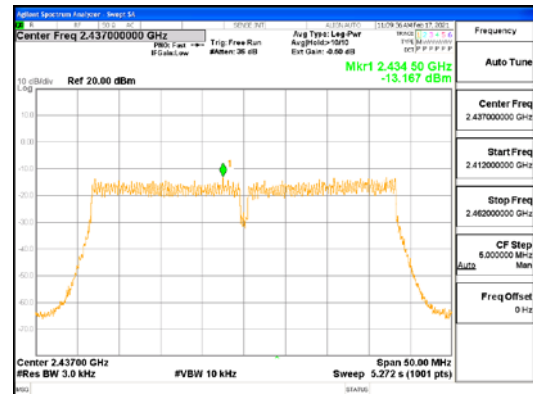
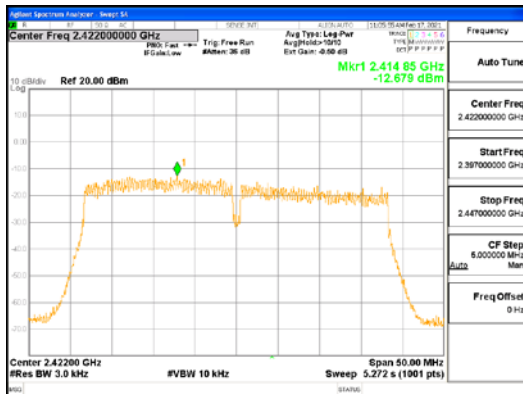
**ANT3, 802.11n\_HT20**



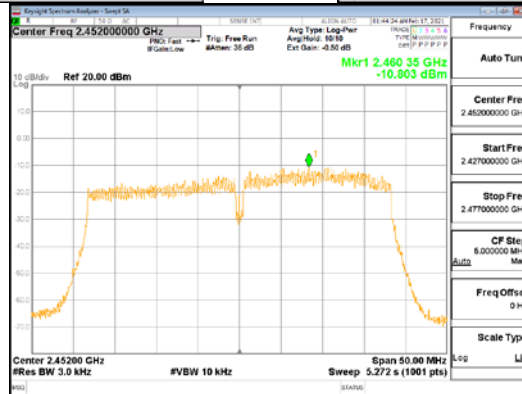
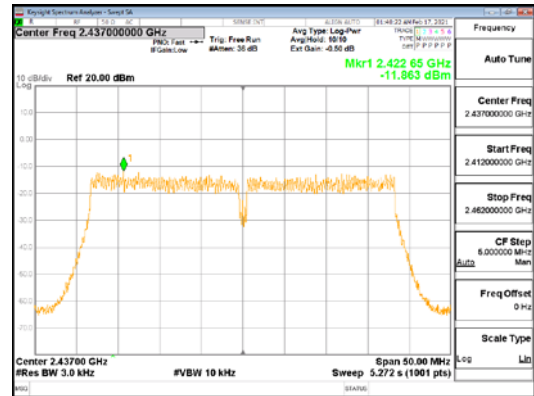
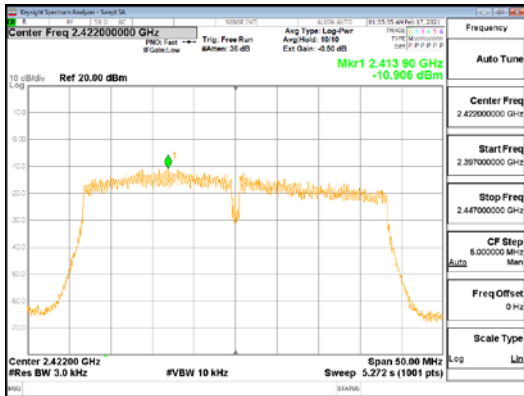
**ANT4, 802.11n\_HT20**



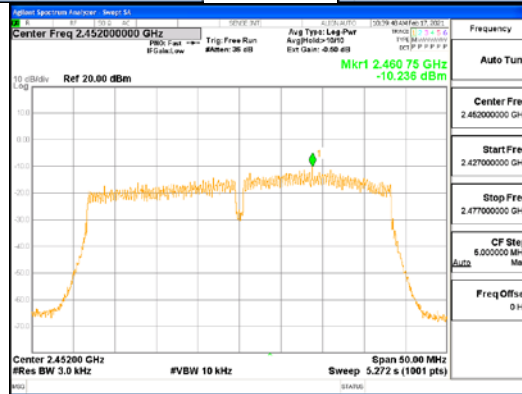
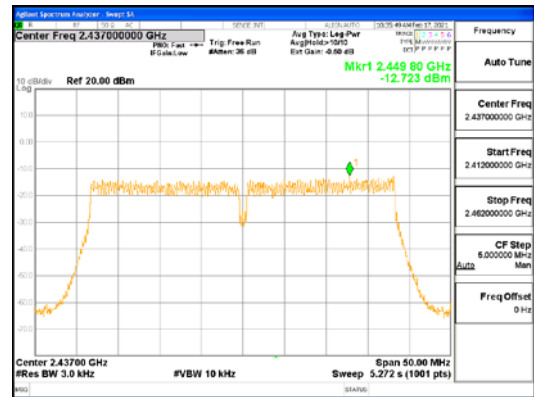
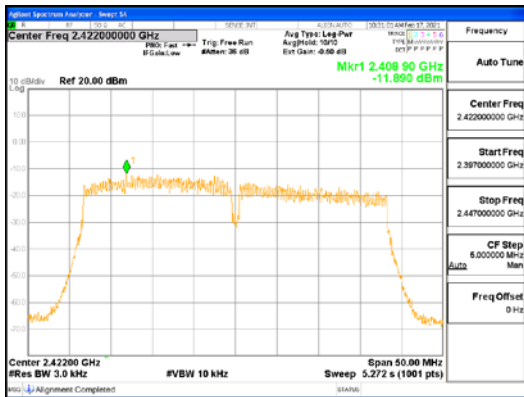
**ANT1, 802.11n\_HT40**



**ANT2, 802.11n\_HT40**



**ANT3, 802.11n\_HT40**



**ANT4, 802.11n\_HT40**



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## 4.4 Conducted Spurious emission

### Test Procedures

KDB 558074 - Section 8.5  
ANSI C63.10-2013 - Section 11.11.3

The bandwidth at 20dB down from the highest inband spectral density is measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate frequencies.

After the trace being stable, Use the marker-to-peak function to measure 20 dB down both sides of the intentional emission.

### Test Settings:

Center frequency = the highest, middle and the lowest channels

- a) RBW = 100 kHz
- b) VBW  $\geq 3 \times$  RBW
- c) Detector = peak
- d) Sweep time = auto couple
- e) Trace mode= max hold
- f) Allow trace to fully stabilize
- g) Use the peak marker function to determine the maximum amplitude level.

### **Limit :**

---

Emission level < 30 dBc

---

### **Test Data: Complies**

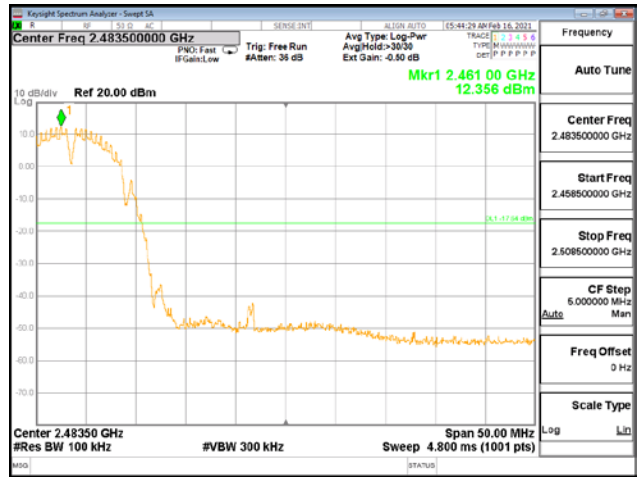
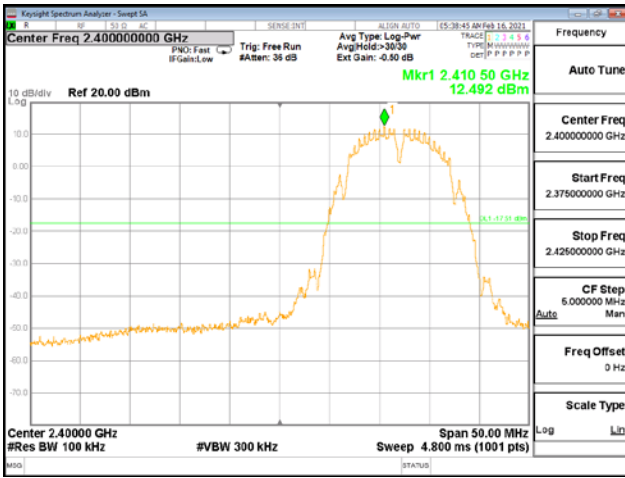
- All conducted emission in any 100 kHz bandwidth outside of the spread spectrum band was at least 30dB lower than the highest inband spectral density. Therefore the applying equipment meets the requirement.

See next pages for actual measured spectrum plots.



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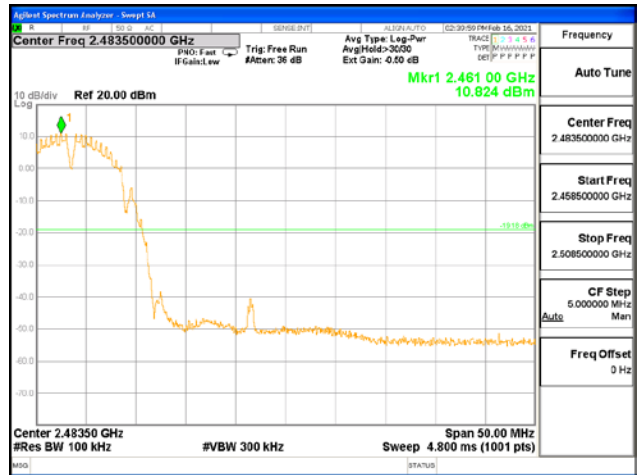
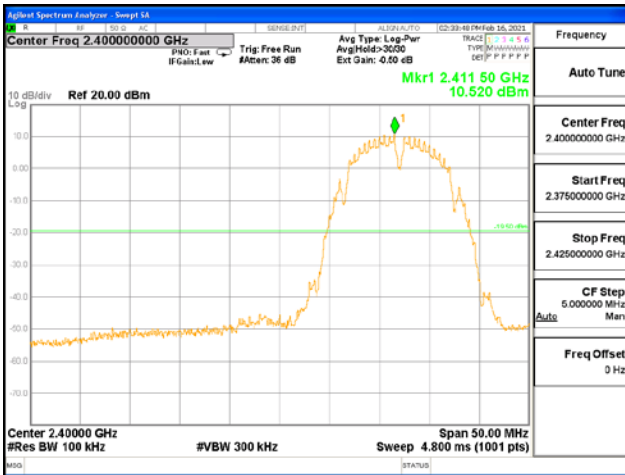


**ANT1, 802.11b**



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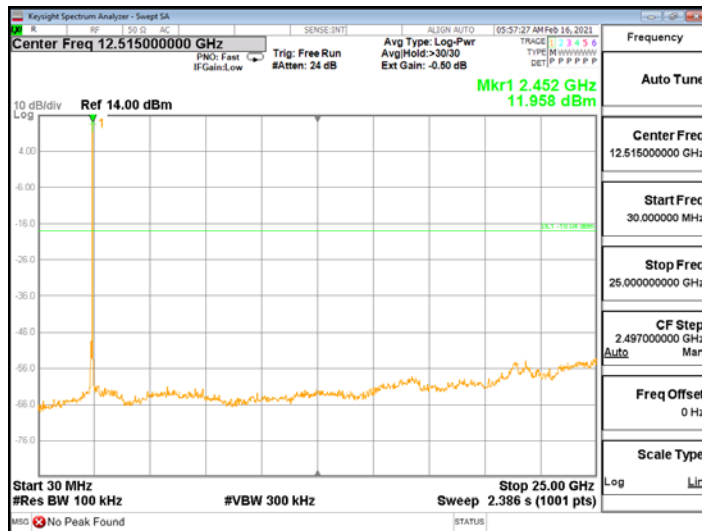
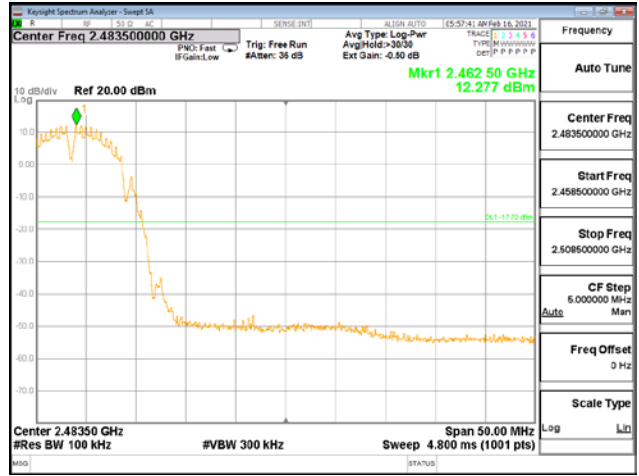
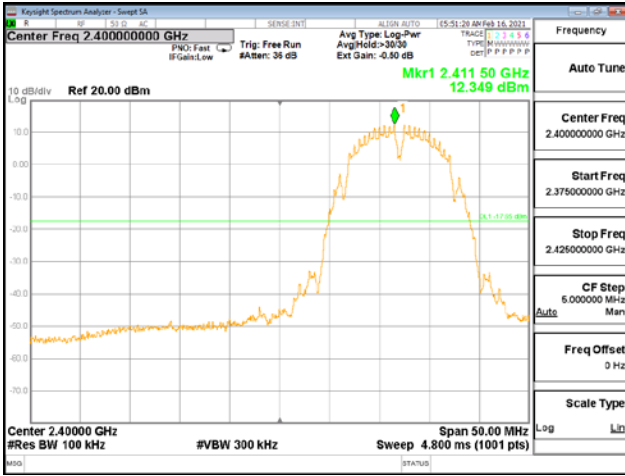
ANT2, 802.11b





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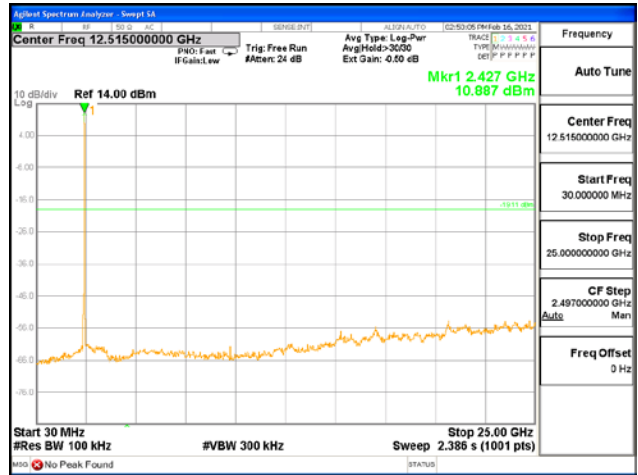
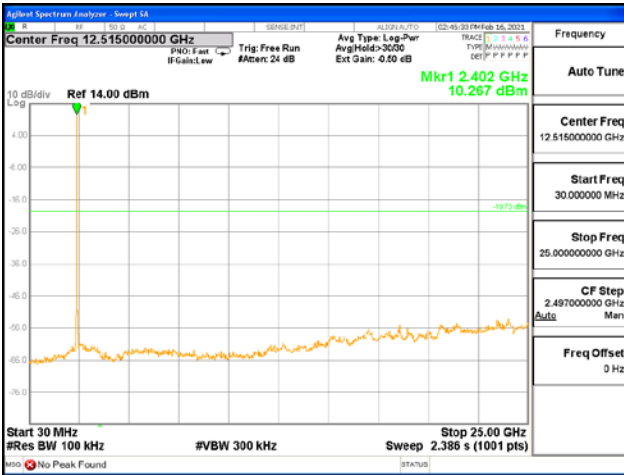
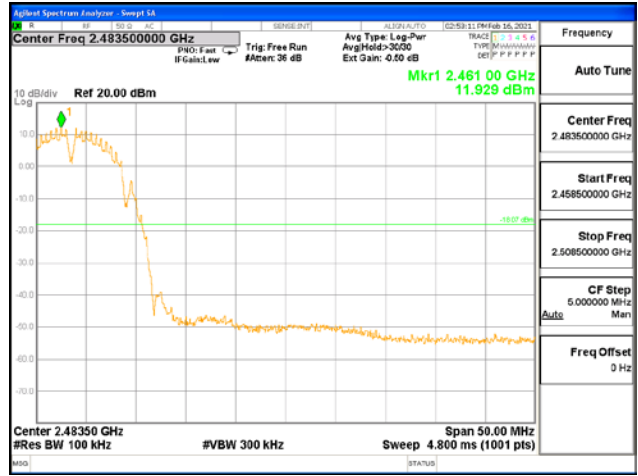
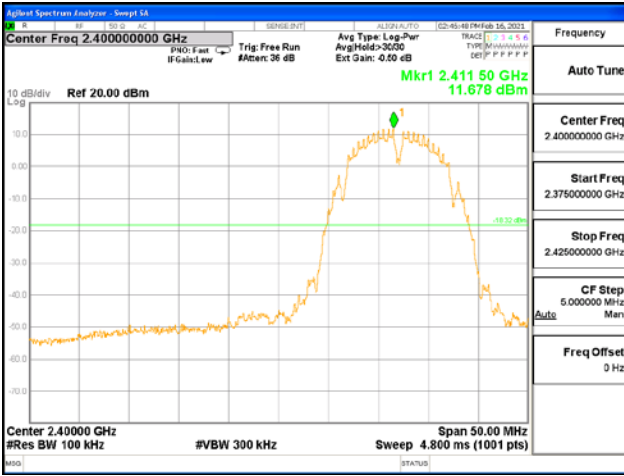


**ANT3, 802.11b**



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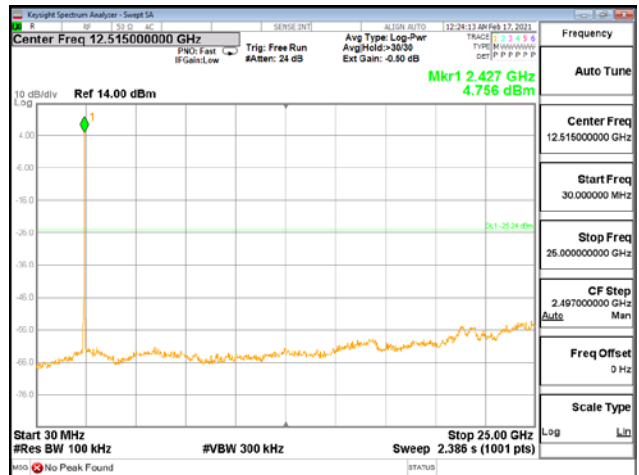
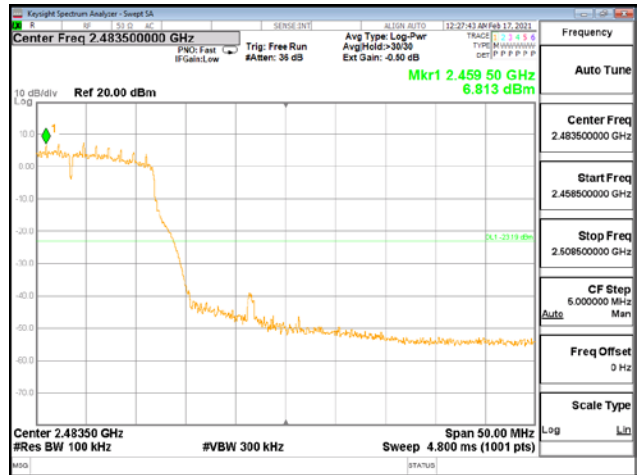
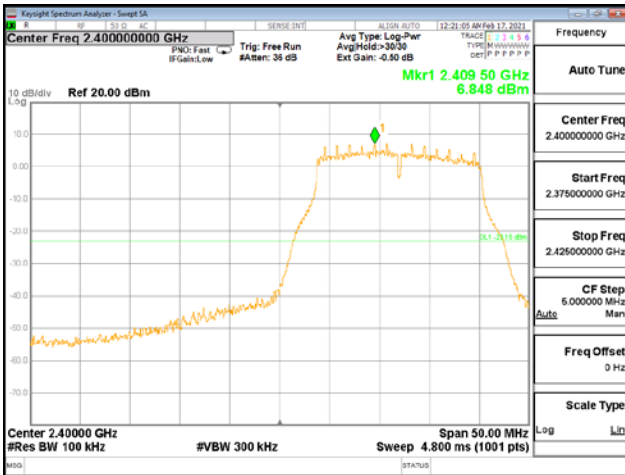


ANT4, 802.11b



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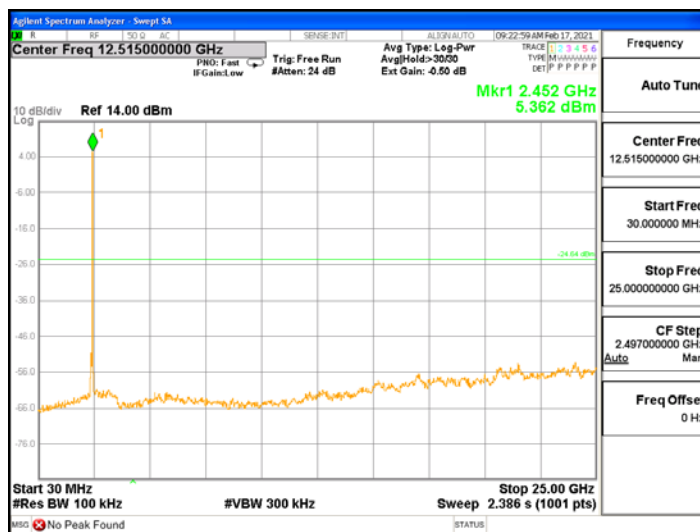
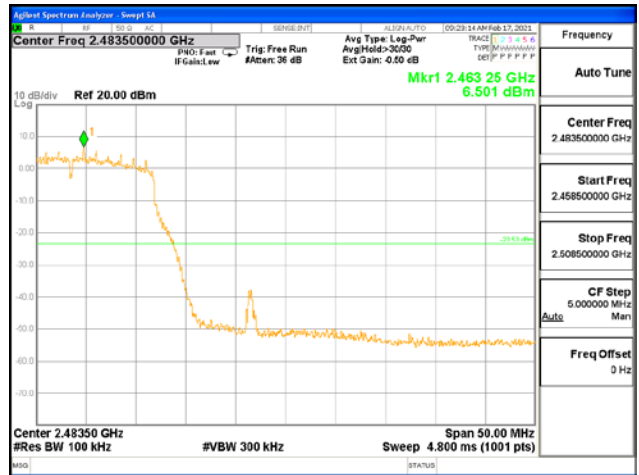
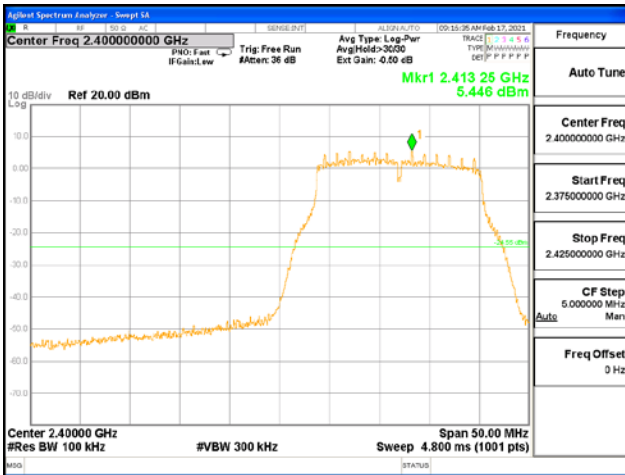


**ANT1, 802.11g**



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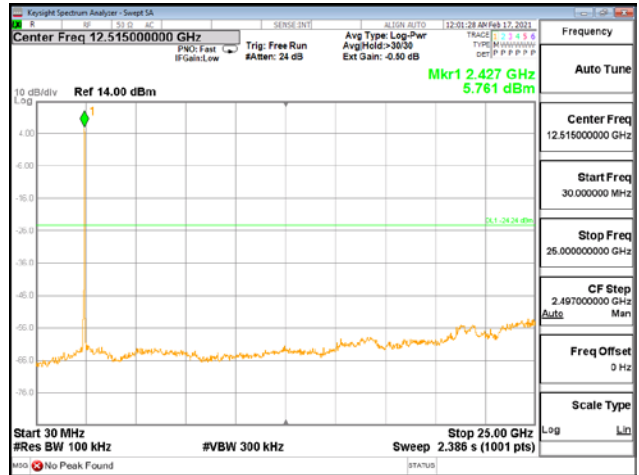
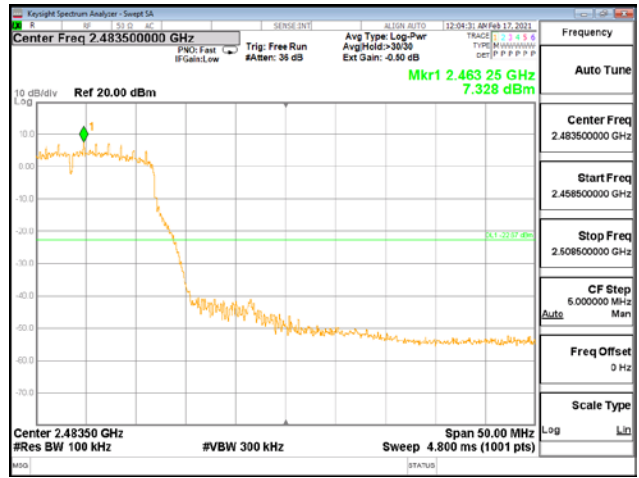
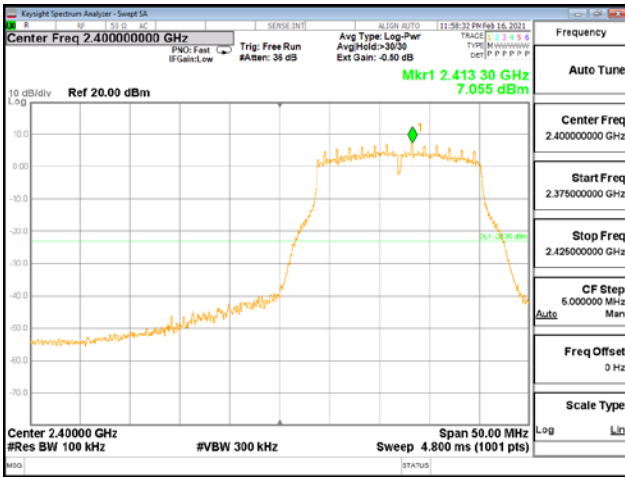


ANT2, 802.11g



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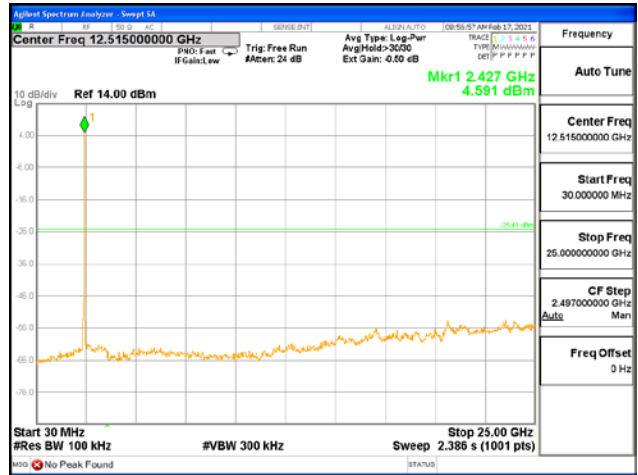
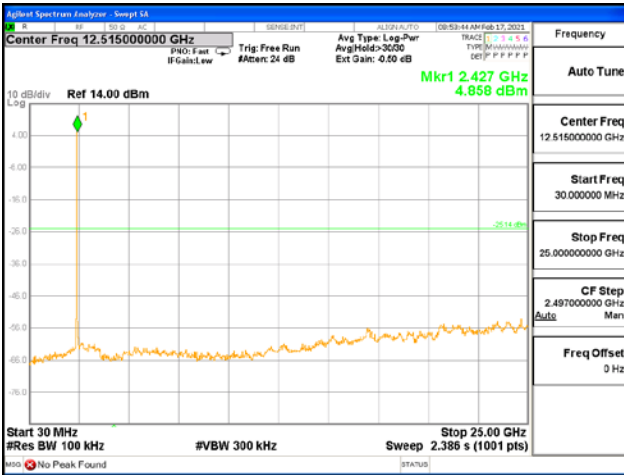
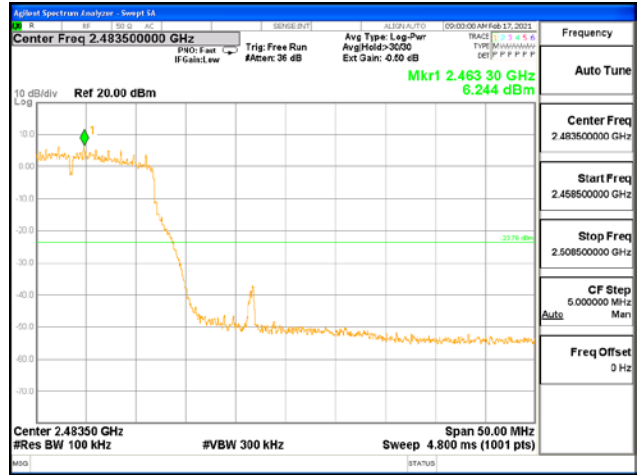
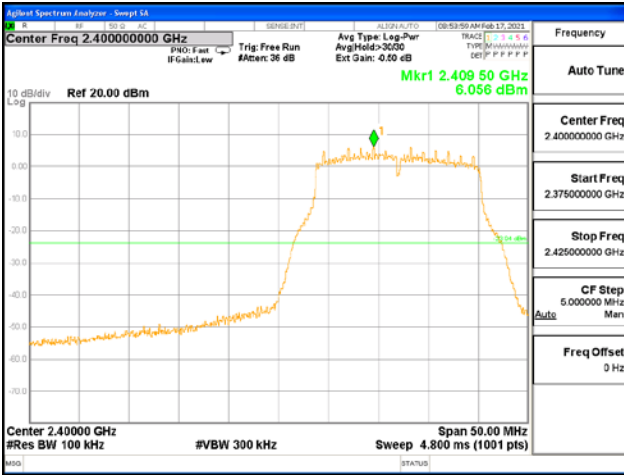


ANT3, 802.11g



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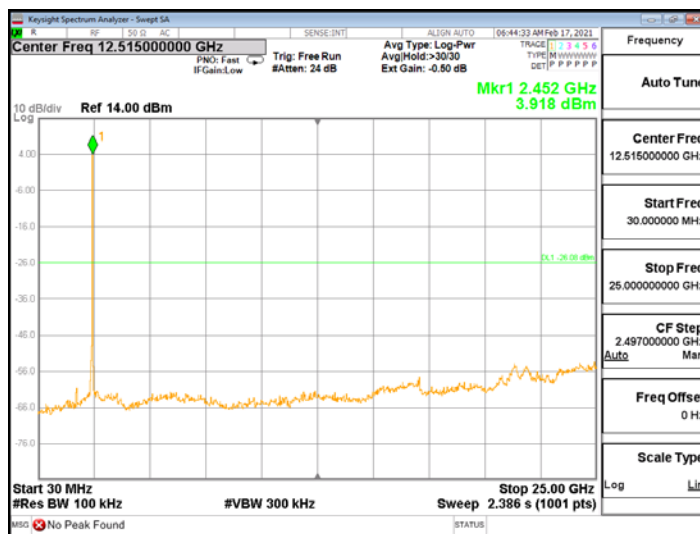
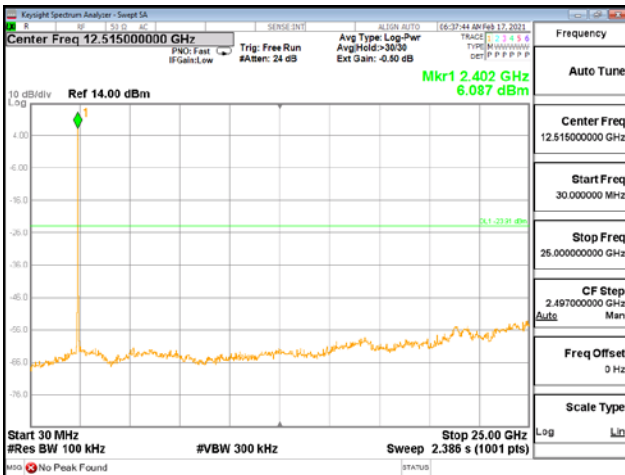
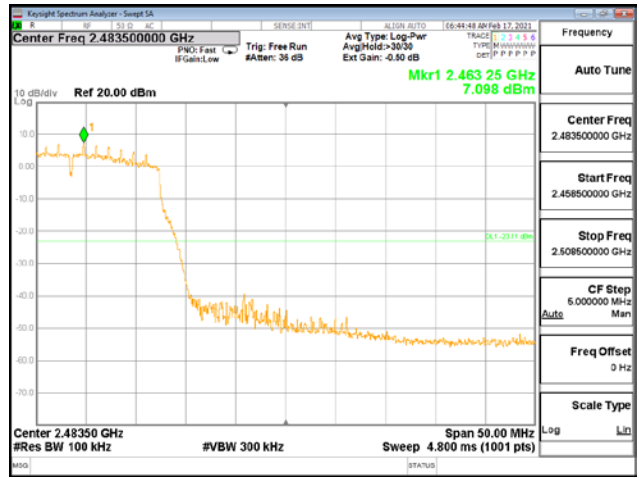
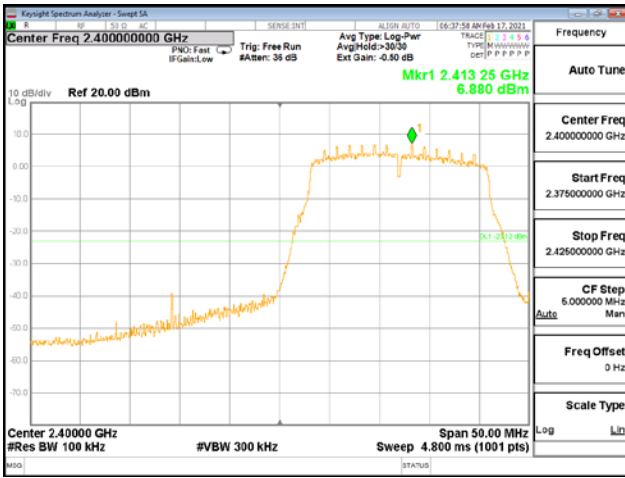


ANT4, 802.11g



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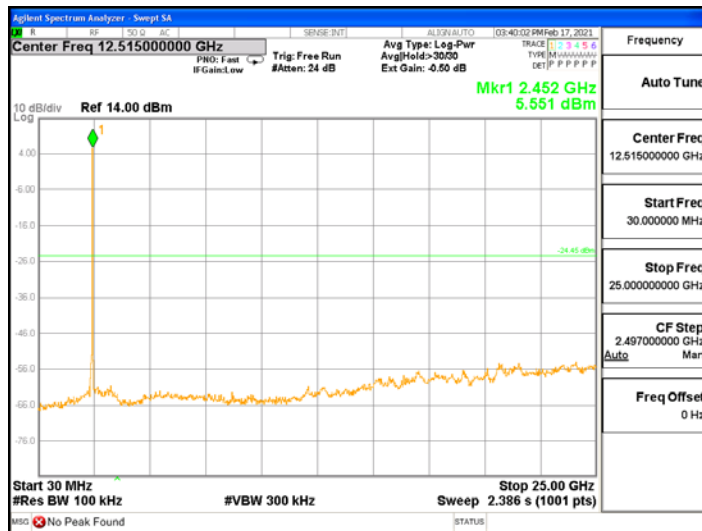
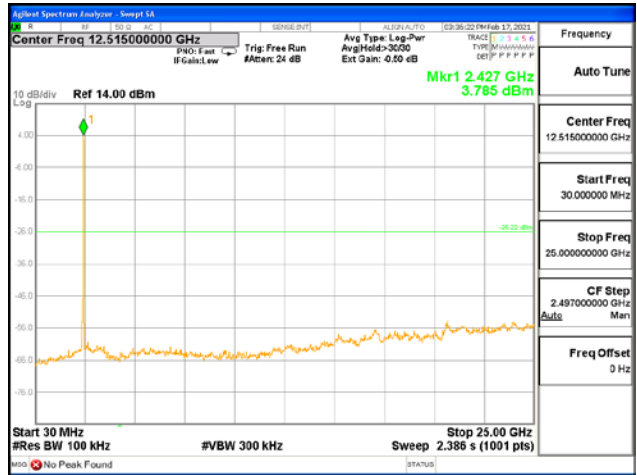
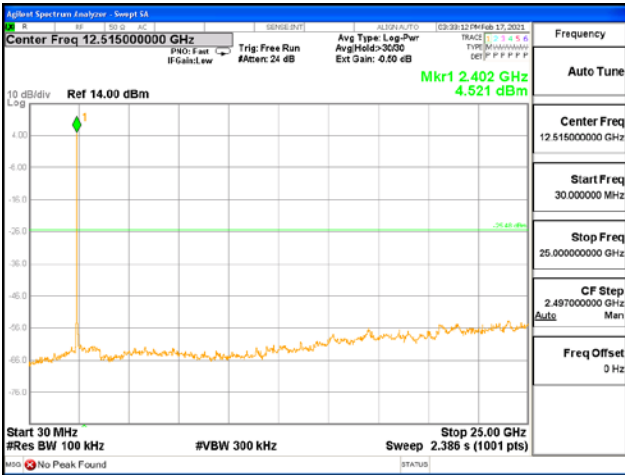
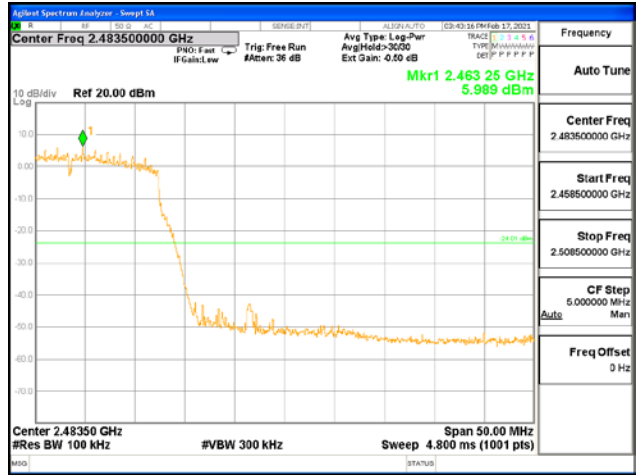
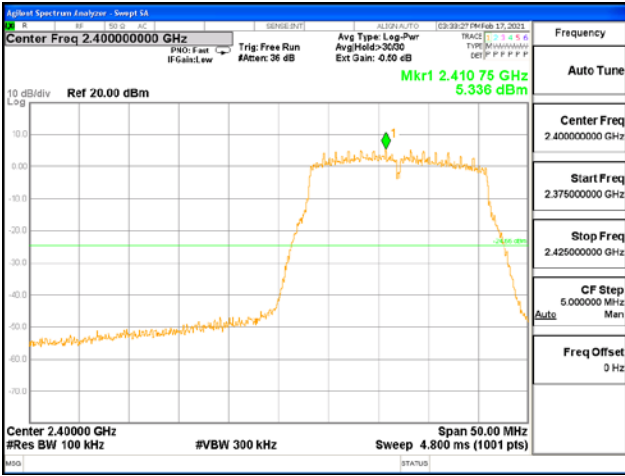


ANT1, 802.11n\_HT20



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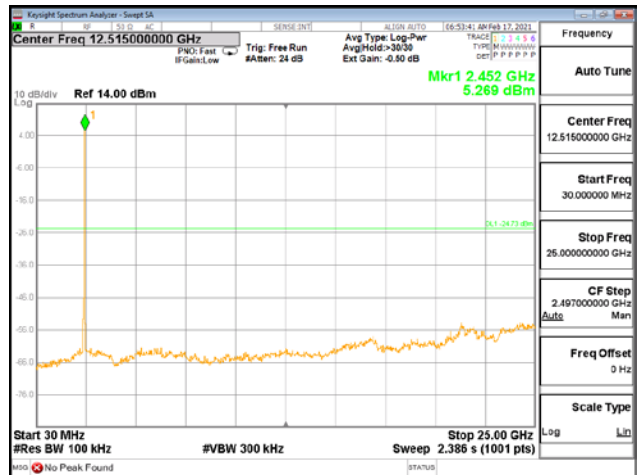
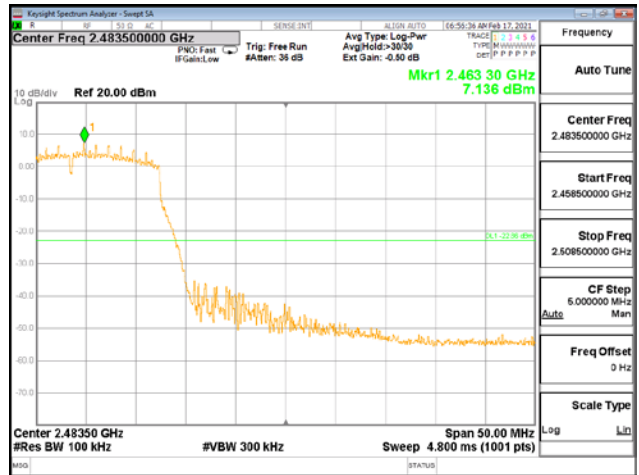
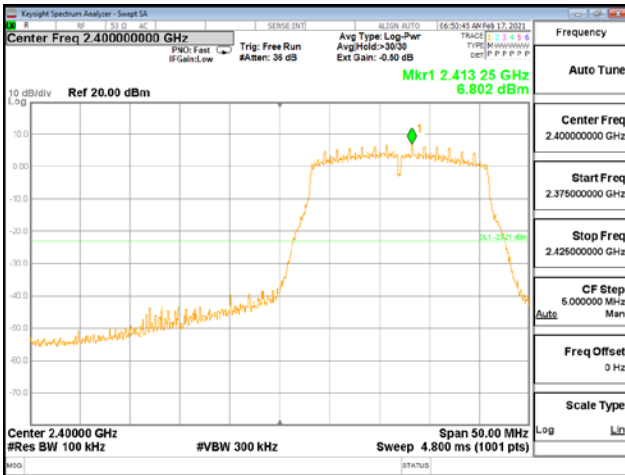
ANT2, 802.11n\_HT20





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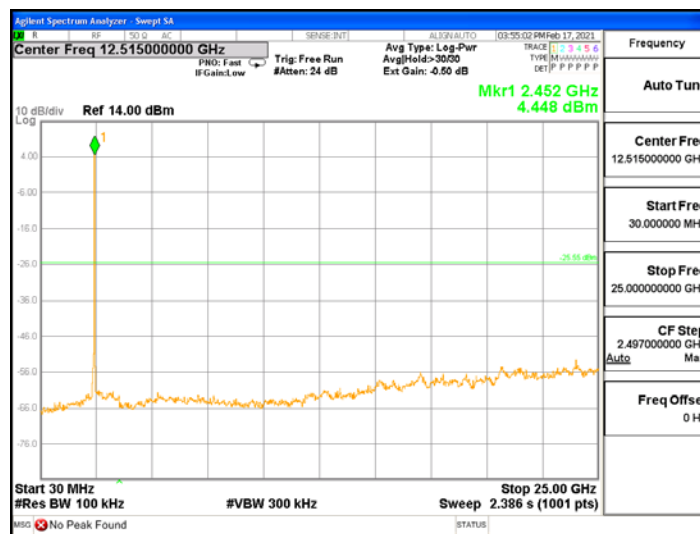
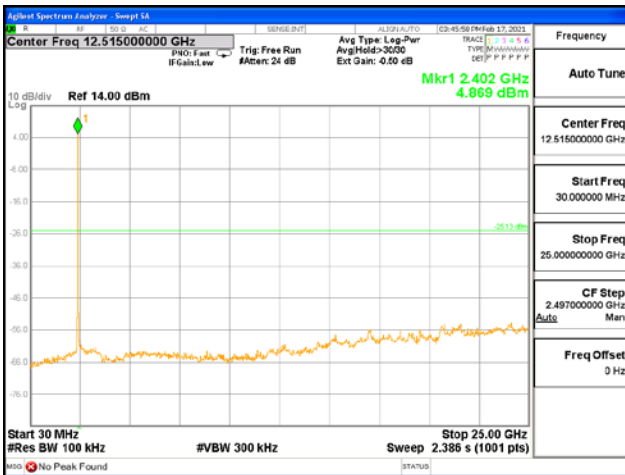
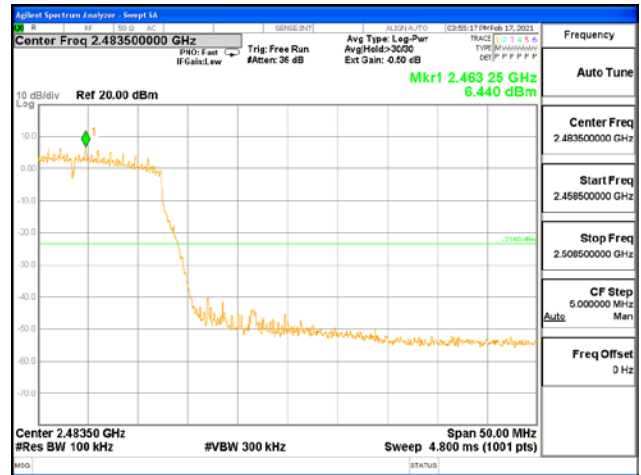
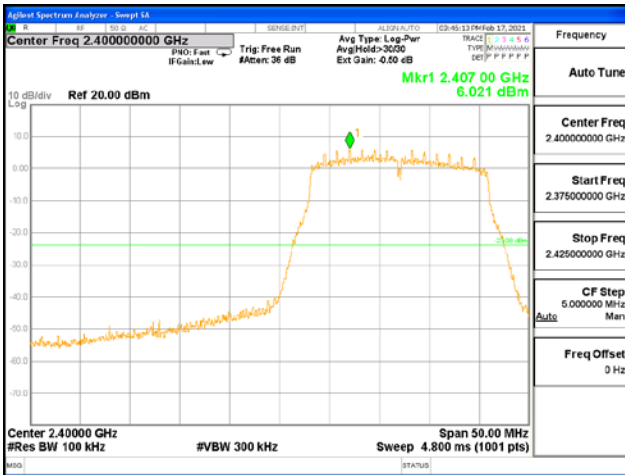


ANT3, 802.11n\_HT20



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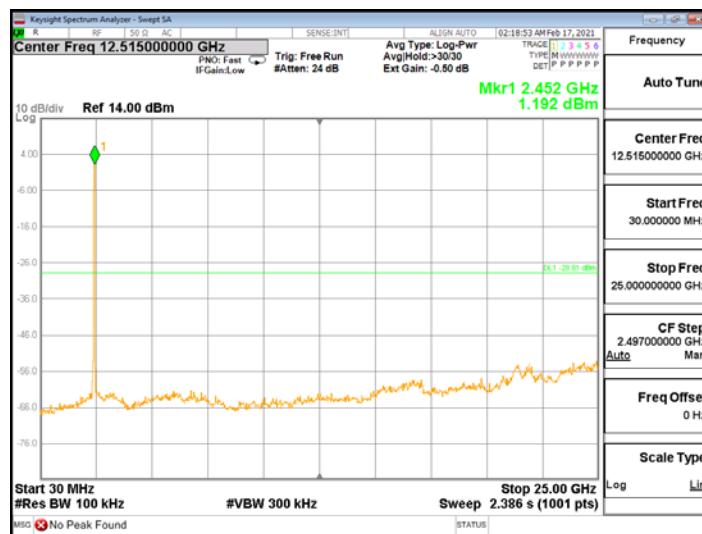
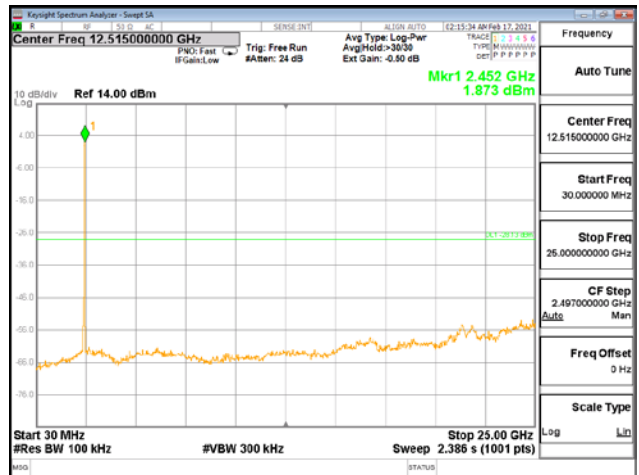
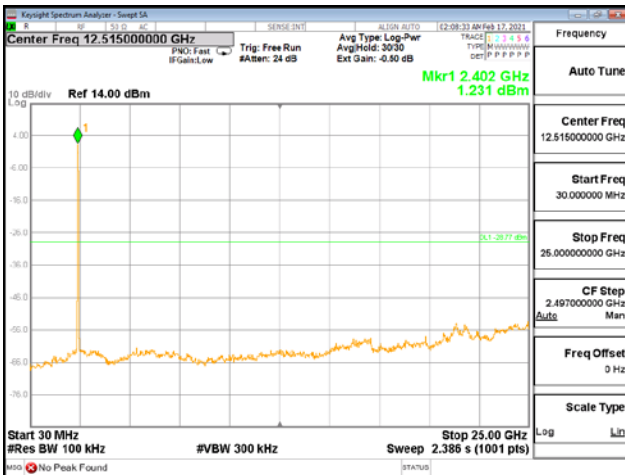
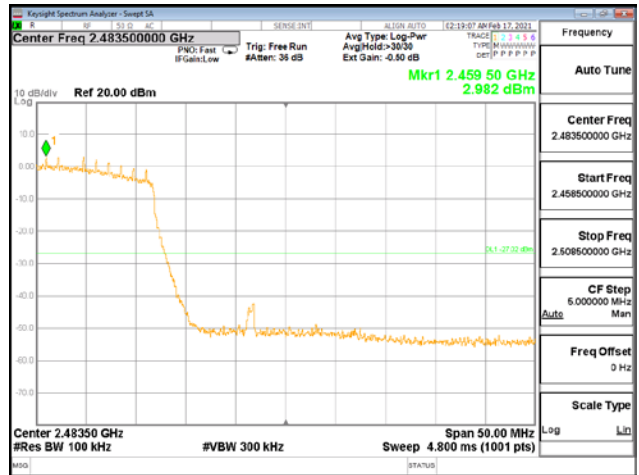
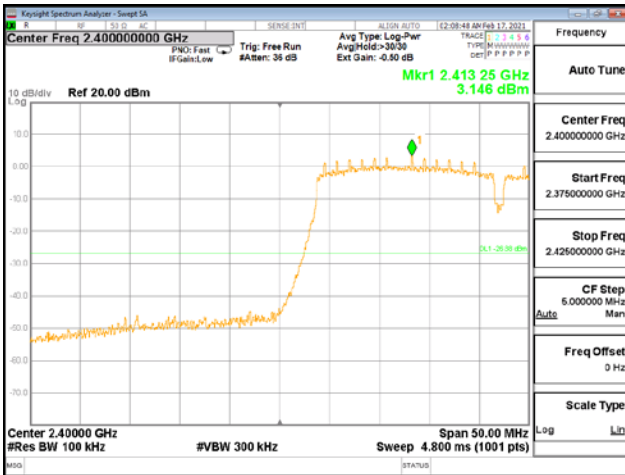


ANT4, 802.11n\_HT20



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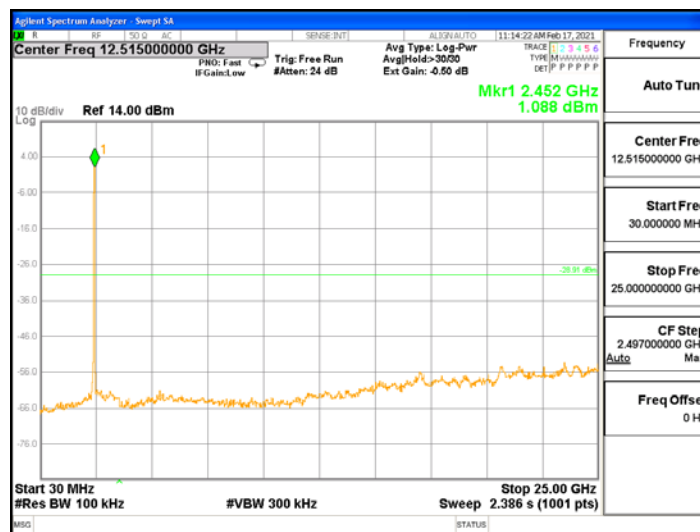
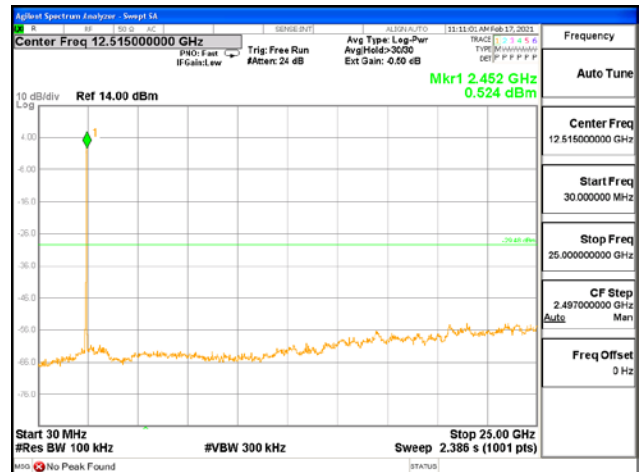
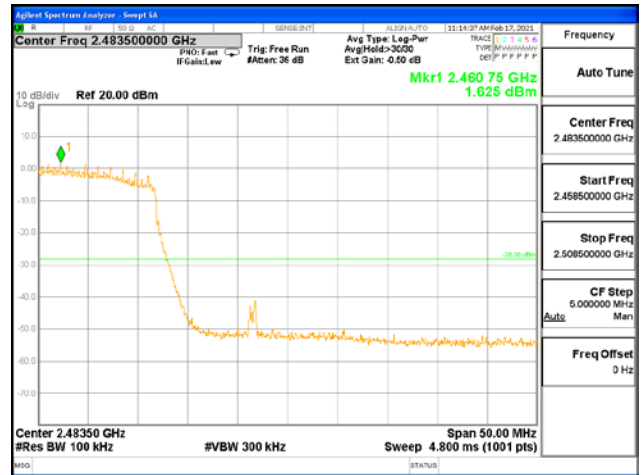
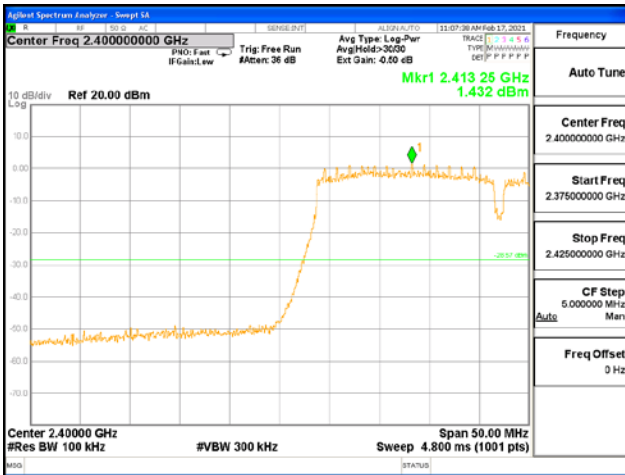


ANT1, 802.11n\_HT40



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