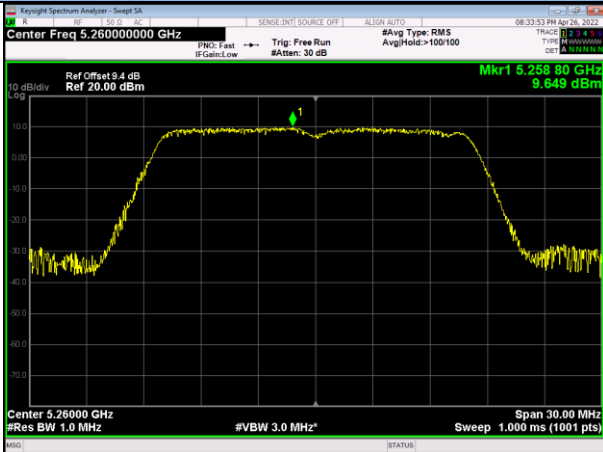
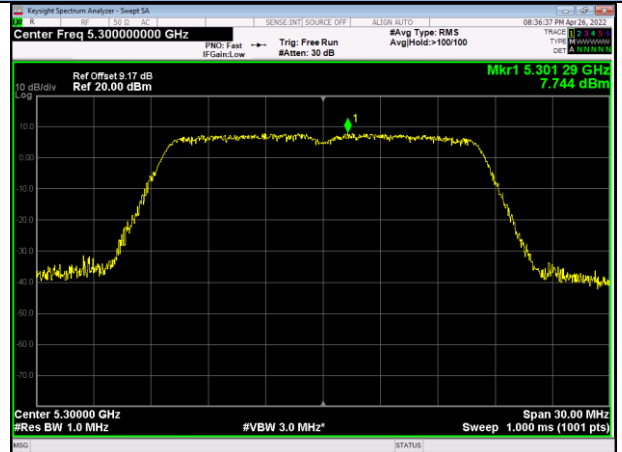


U-NII-2A Band

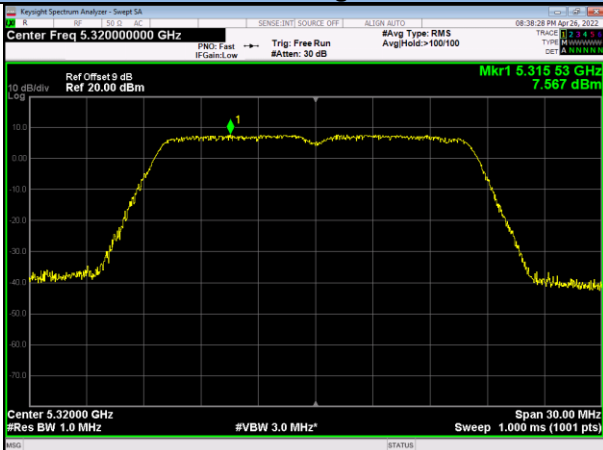
IEEE 802.11a Low Channel



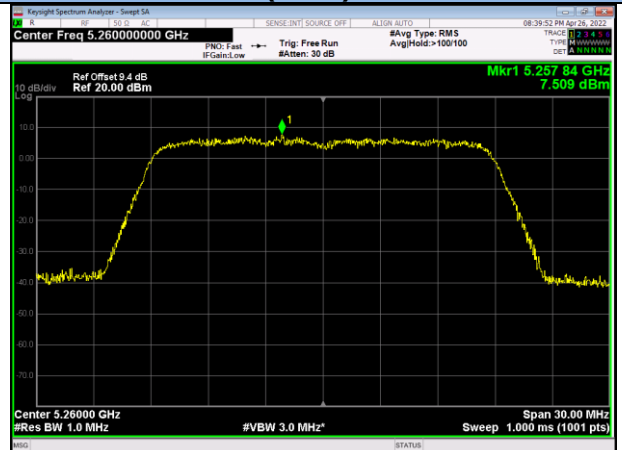
IEEE 802.11a Middle Channel



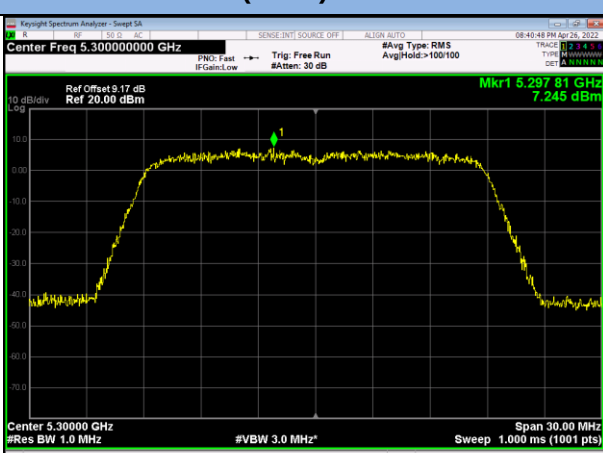
IEEE 802.11a High Channel



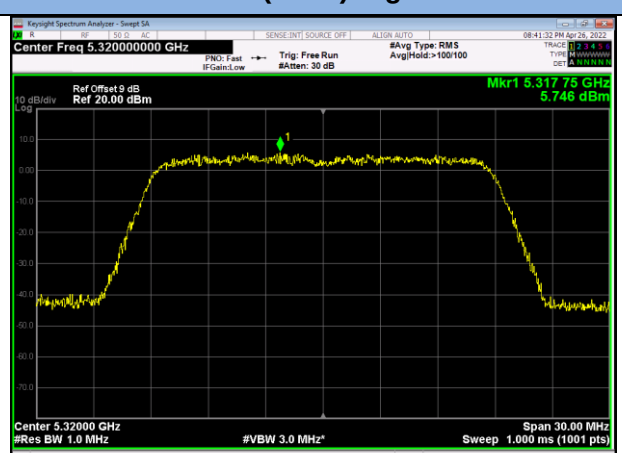
IEEE 802.11n(HT20) Low Channel



IEEE 802.11n(HT20) Middle Channel

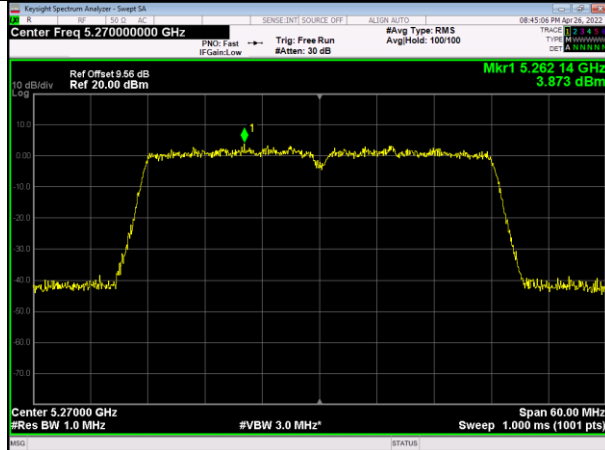


IEEE 802.11n(HT20) High Channel

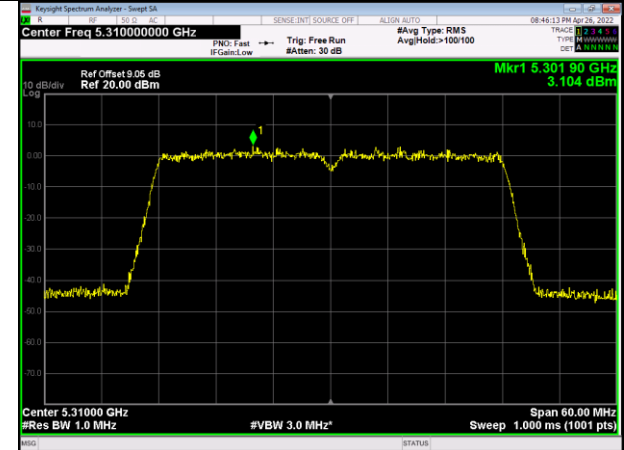


U-NII-2A Band

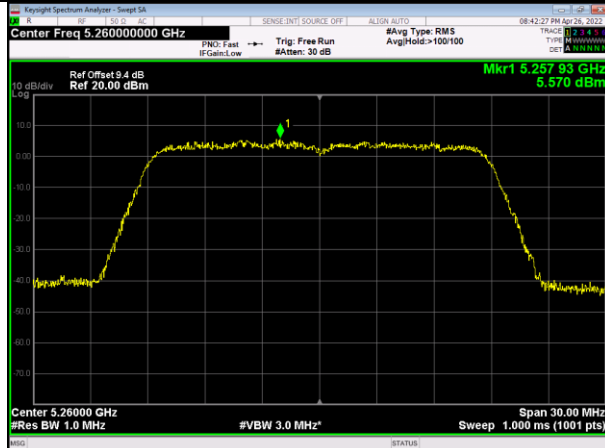
IEEE 802.11n(HT40) Low Channel



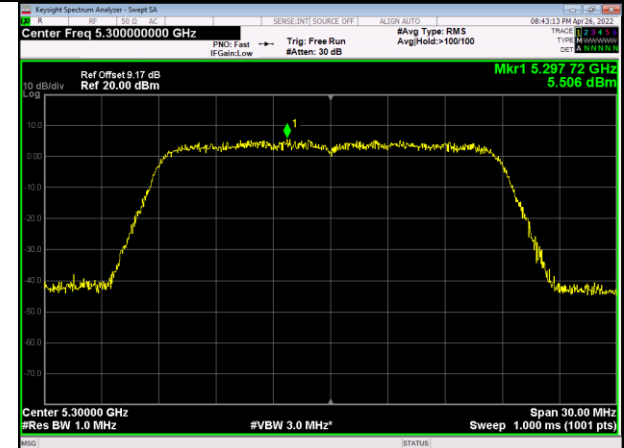
IEEE 802.11n(HT40) High Channel



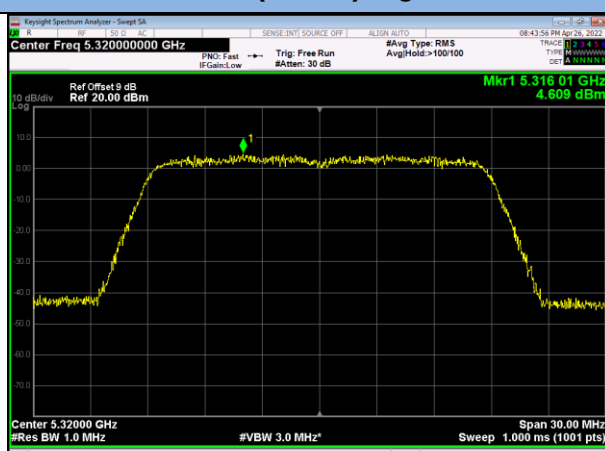
IEEE 802.11ac(VHT20) Low Channel



IEEE 802.11ac(VHT20) Middle Channel



IEEE 802.11ac(VHT20) High Channel

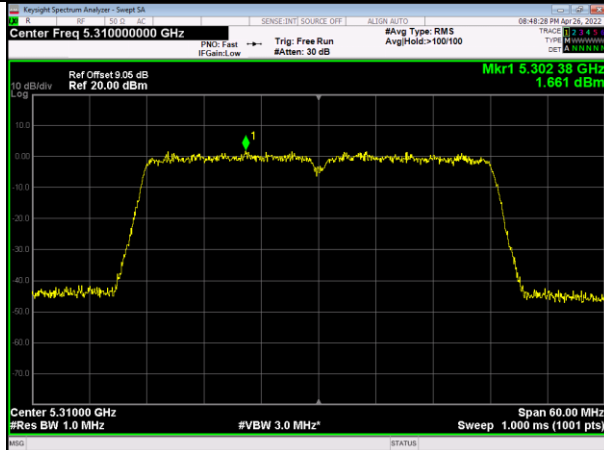


IEEE 802.11ac(VHT40) Low Channel

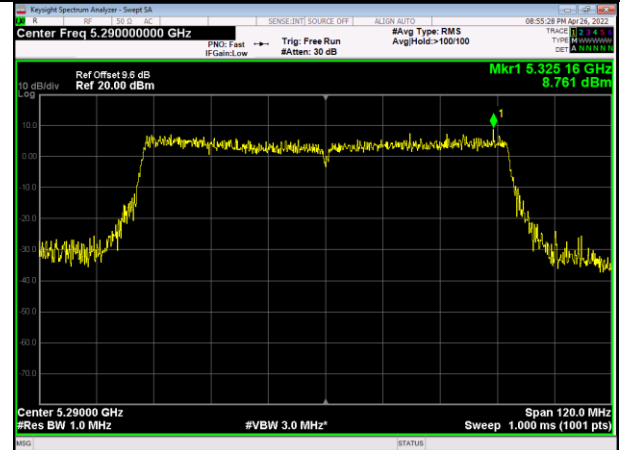


U-NII-2A Band

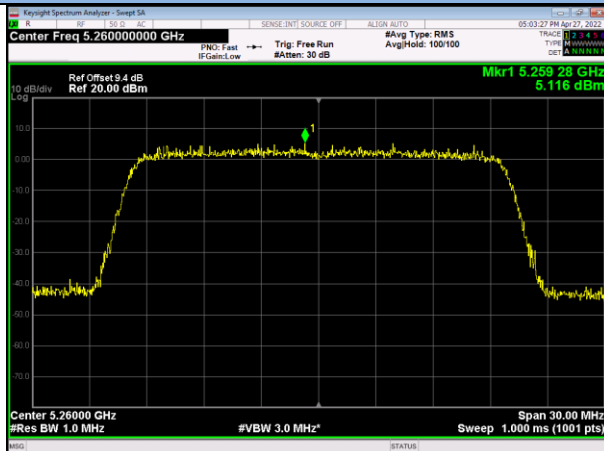
IEEE 802.11ac(VHT40) High Channel



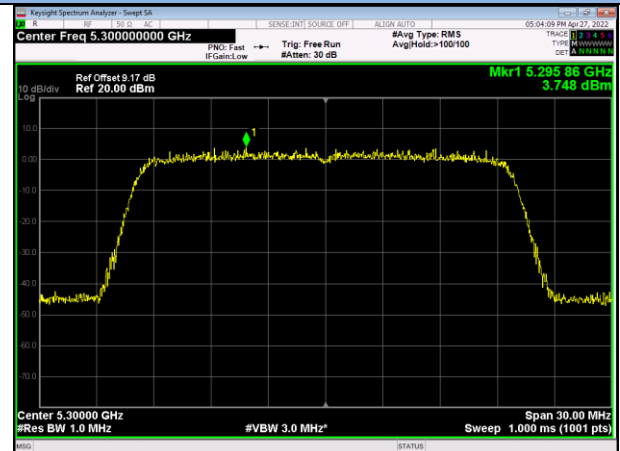
IEEE 802.11ac(VHT80)



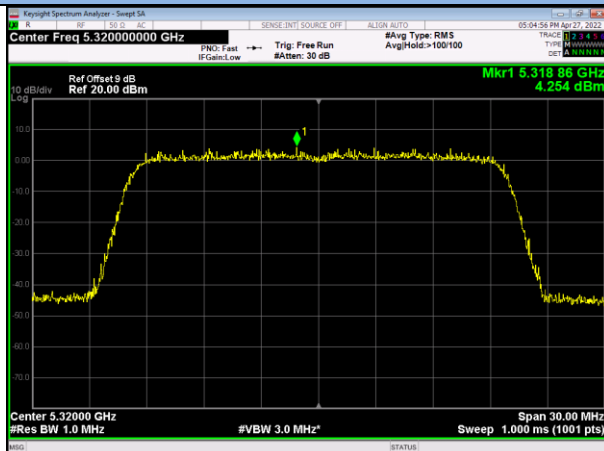
IEEE 802.11ax(HE20) Low Channel



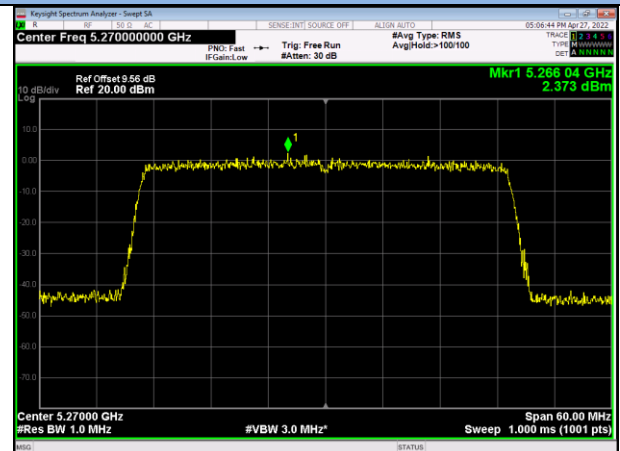
IEEE 802.11ax(HE20) Middle Channel



IEEE 802.11 ax(HE20) High Channel

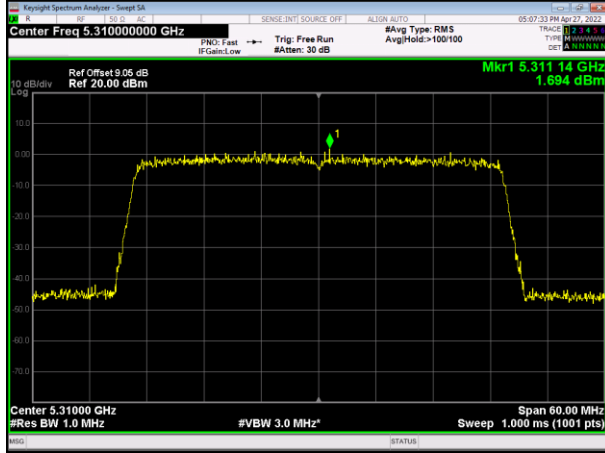


IEEE 802.11ax(HE40) Low Channel

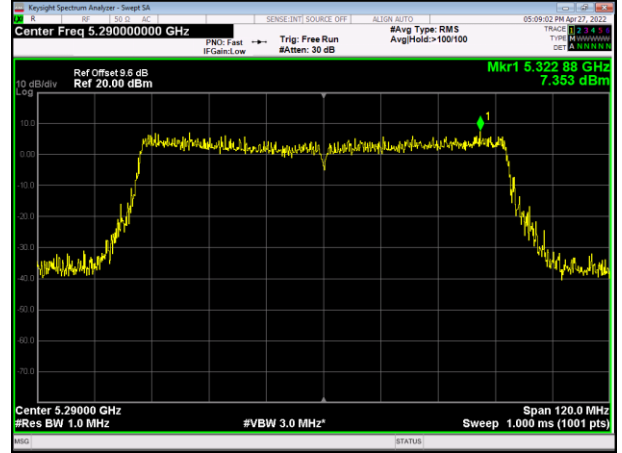


U-NII-2A Band

IEEE 802.11ax(VHT40) High Channel

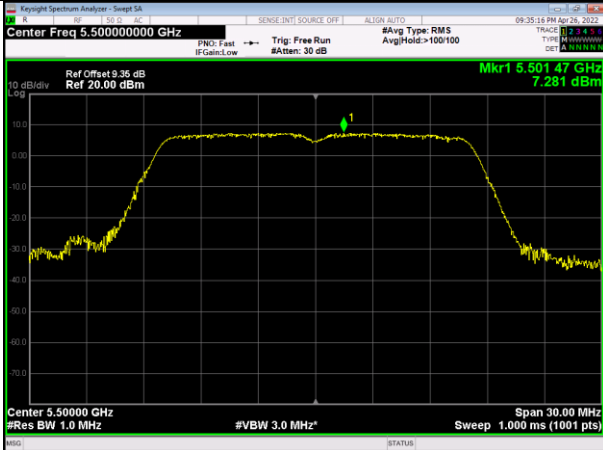


IEEE 802.11ax(HE80)

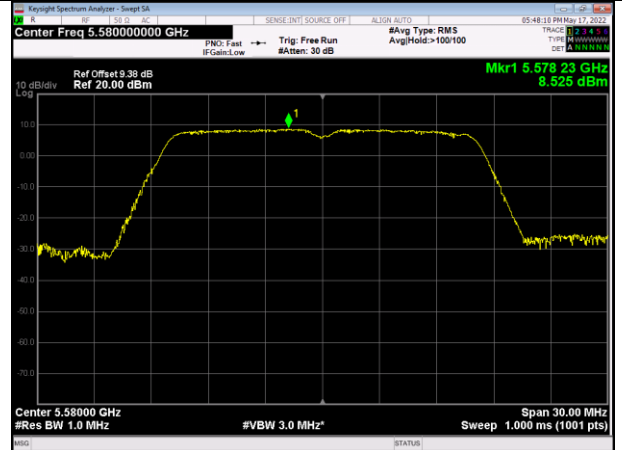


U-NII-2C Band

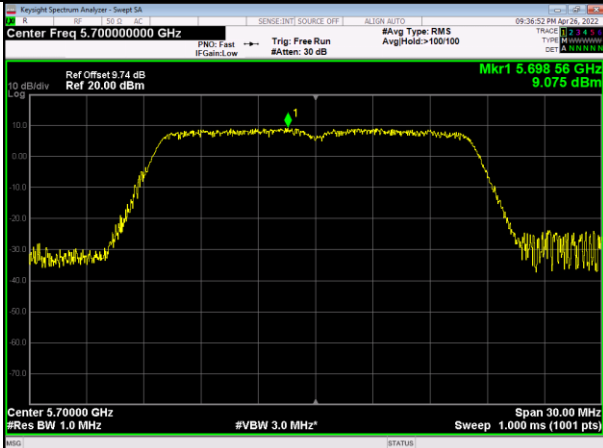
IEEE 802.11a Low Channel



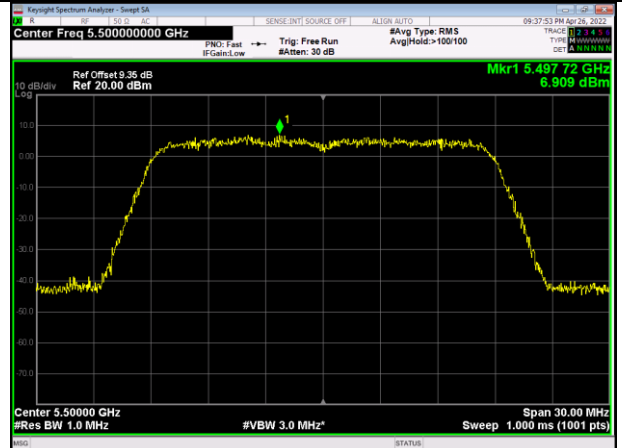
IEEE 802.11a Middle Channel



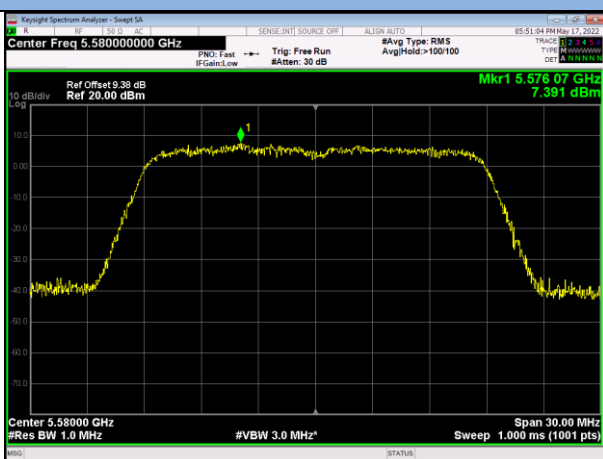
IEEE 802.11a High Channel



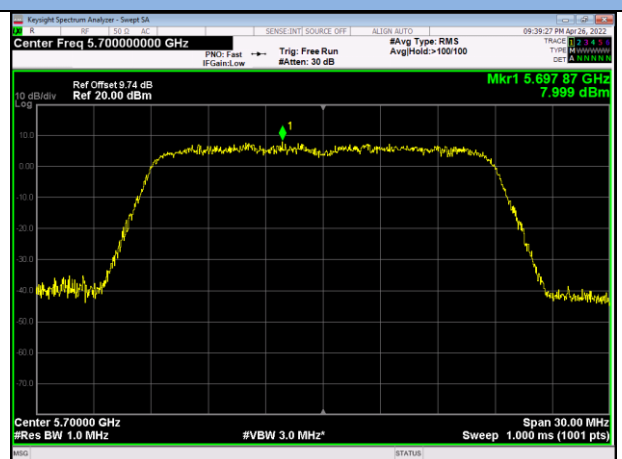
IEEE 802.11n(HT20) Low Channel



IEEE 802.11n(HT20) Middle Channel

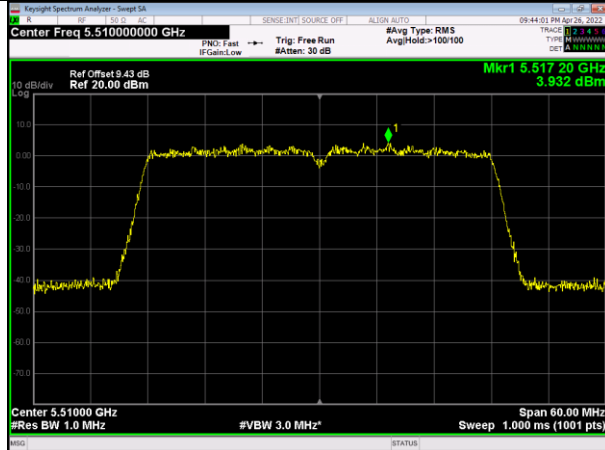


IEEE 802.11n(HT20) High Channel

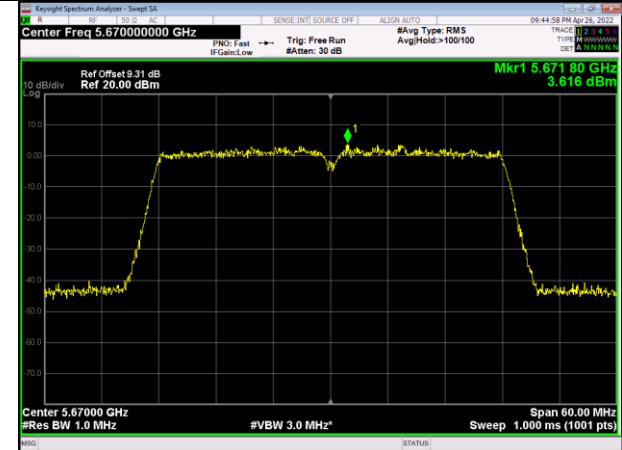


U-NII-2C Band

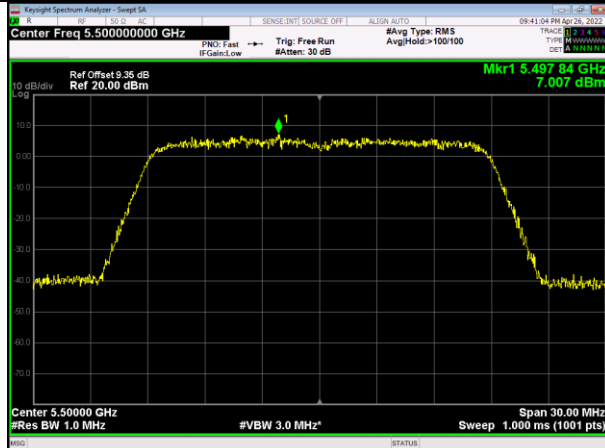
IEEE 802.11n(HT40) Low Channel



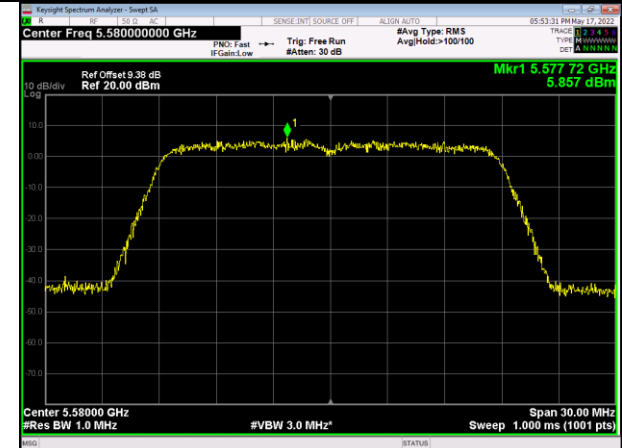
IEEE 802.11n(HT40) High Channel



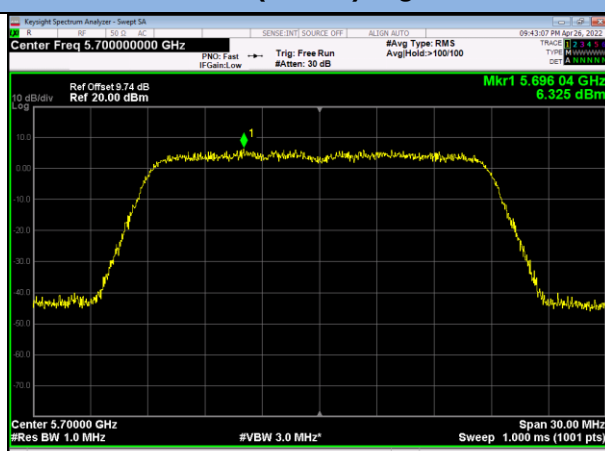
IEEE 802.11ac(VHT20) Low Channel



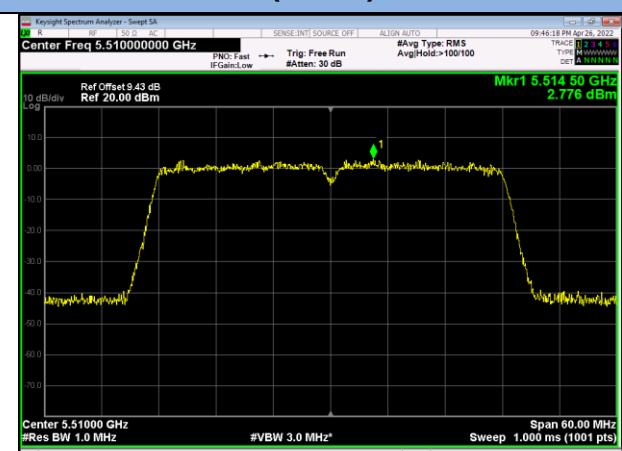
IEEE 802.11ac(VHT20) Middle Channel



IEEE 802.11ac(VHT20) High Channel

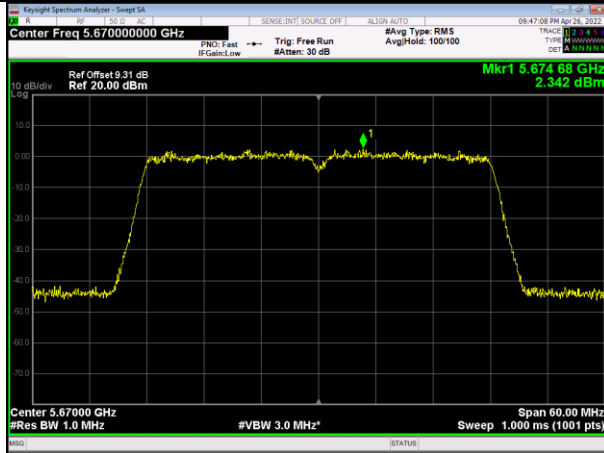


IEEE 802.11ac(VHT40) Low Channel

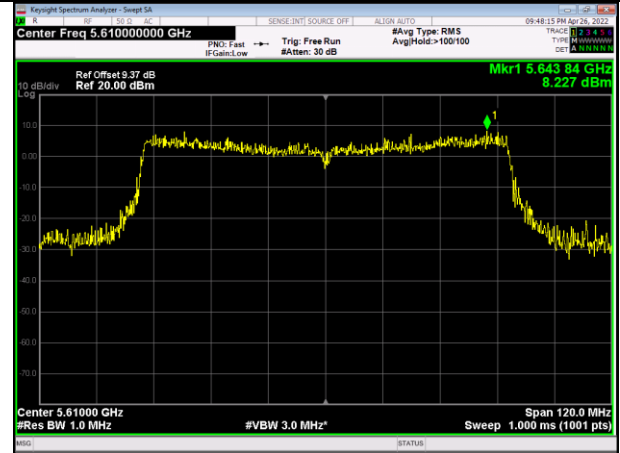


U-NII-2C Band

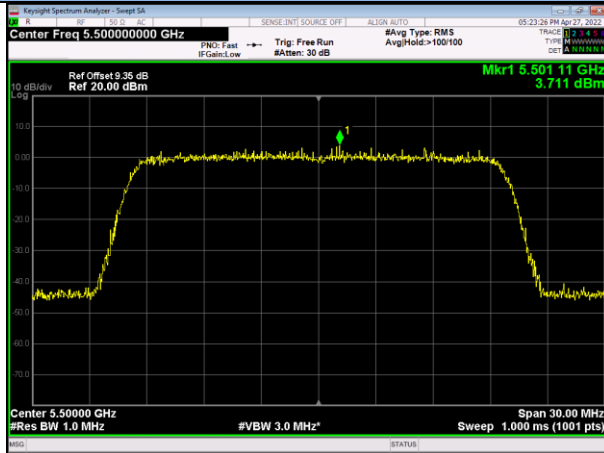
IEEE 802.11ac(VHT40) High Channel



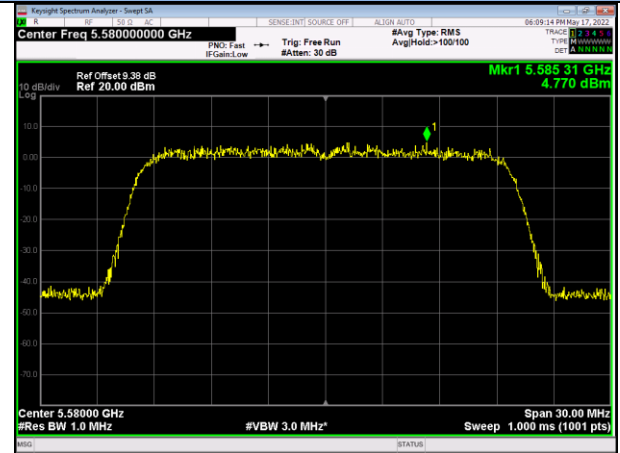
IEEE 802.11ac(VHT80)



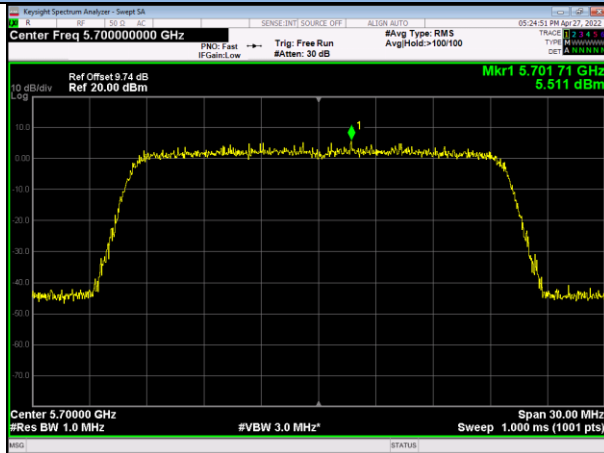
IEEE 802.11ax(HE20) Low Channel



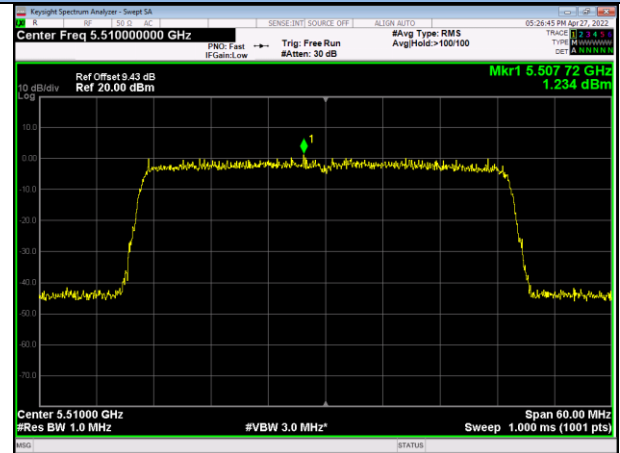
IEEE 802.11ax(HE20) Middle Channel



IEEE 802.11 ax(HE20) High Channel

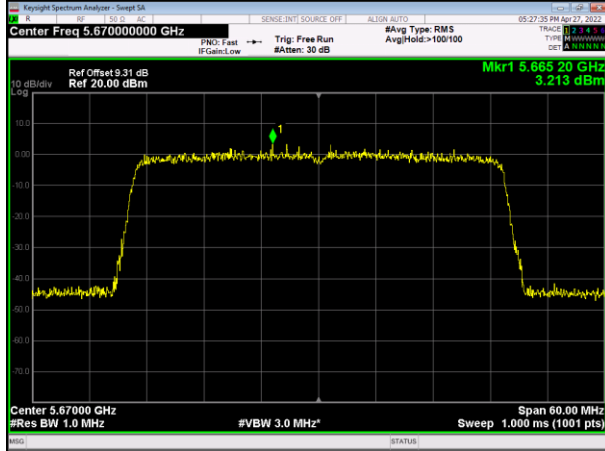


IEEE 802.11ax(HE40) Low Channel

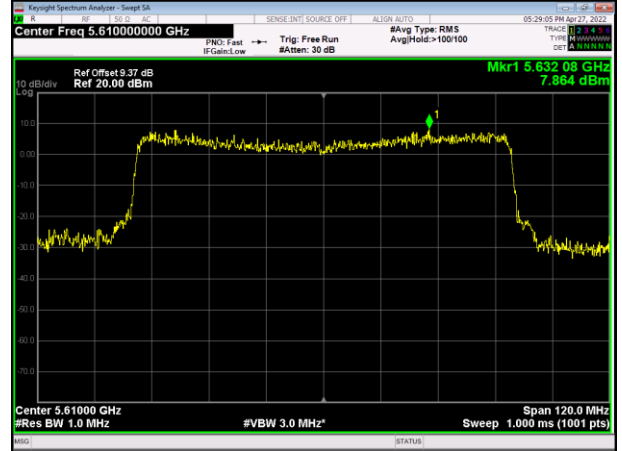


U-NII-2C Band

IEEE 802.11ax(VHT40) High Channel

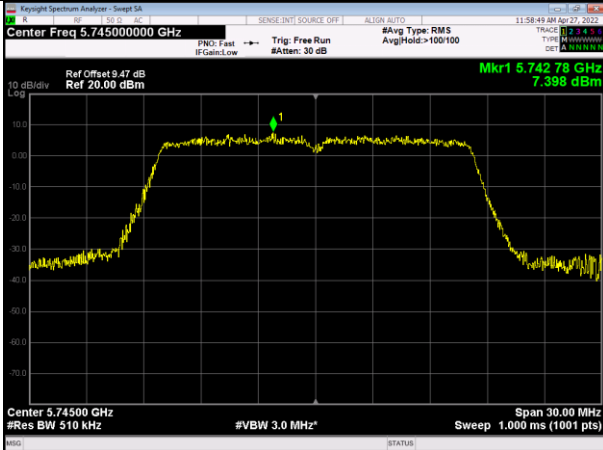


IEEE 802.11ax(HE80)

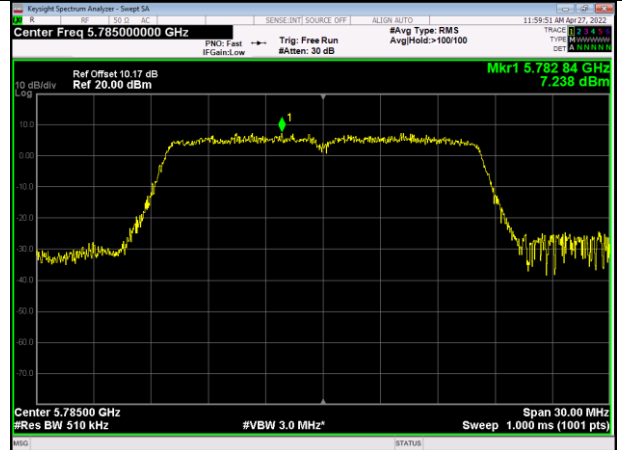


U-NII-3 Band

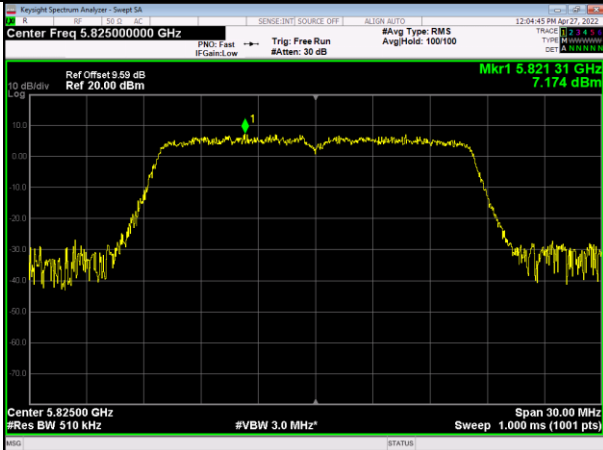
IEEE 802.11a Low Channel



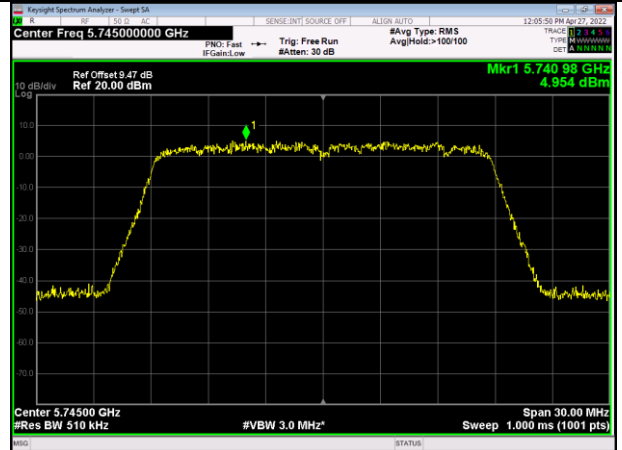
IEEE 802.11a Middle Channel



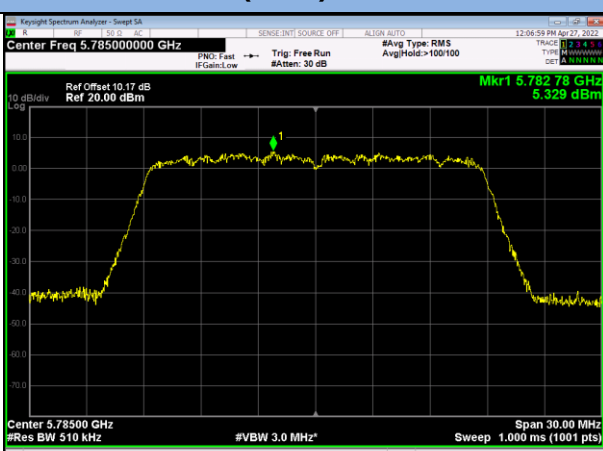
IEEE 802.11a High Channel



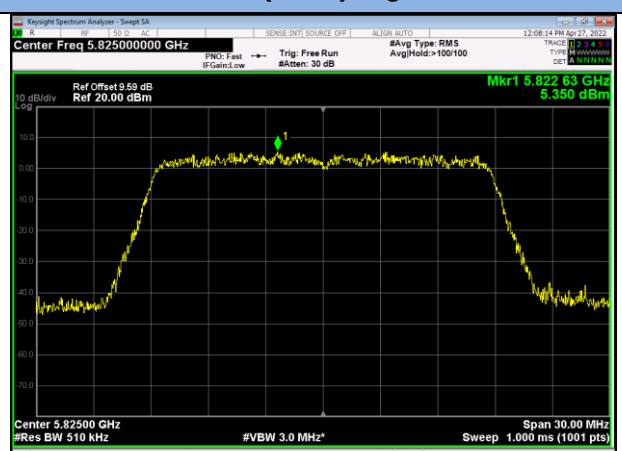
IEEE 802.11n(HT20) Low Channel



IEEE 802.11n(HT20) Middle Channel

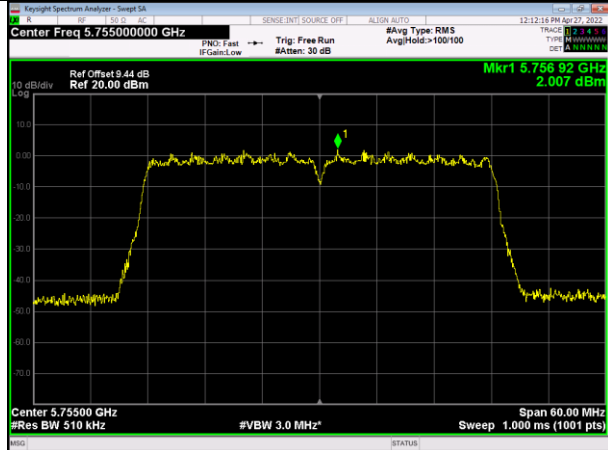


IEEE 802.11n(HT20) High Channel

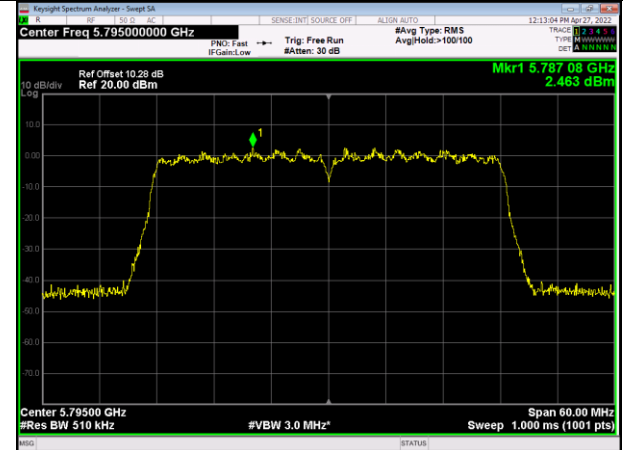


U-NII-3 Band

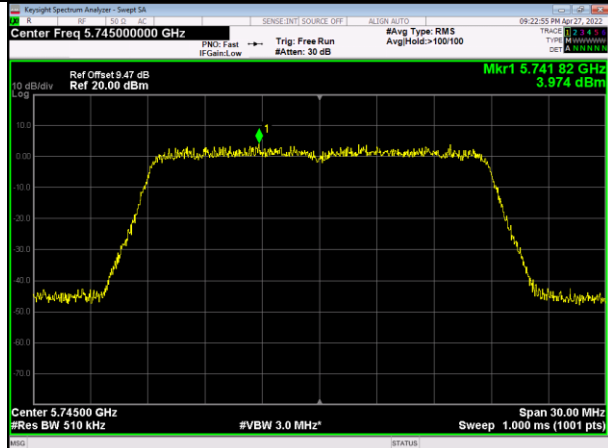
IEEE 802.11n(HT40) Low Channel



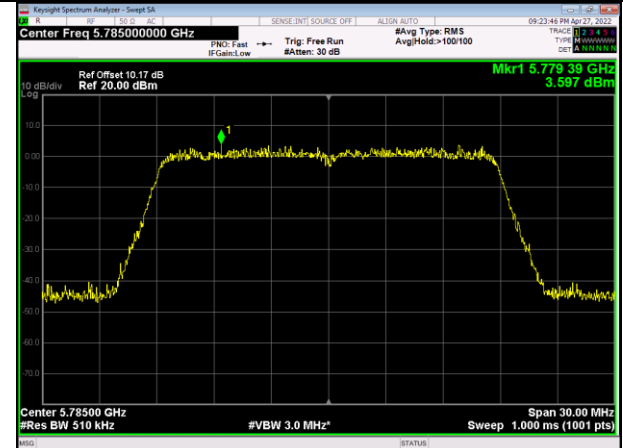
IEEE 802.11n(HT40) High Channel



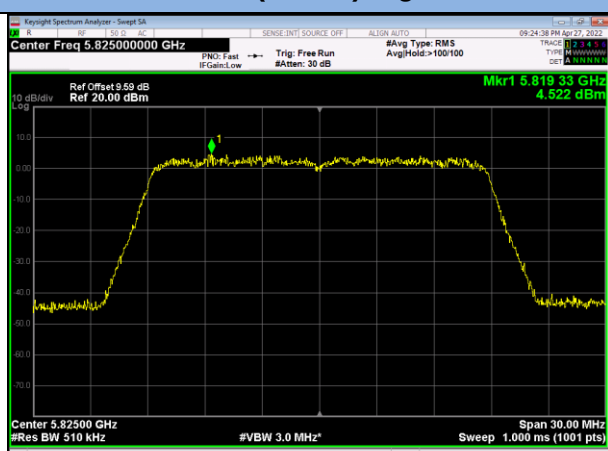
IEEE 802.11ac(VHT20) Low Channel



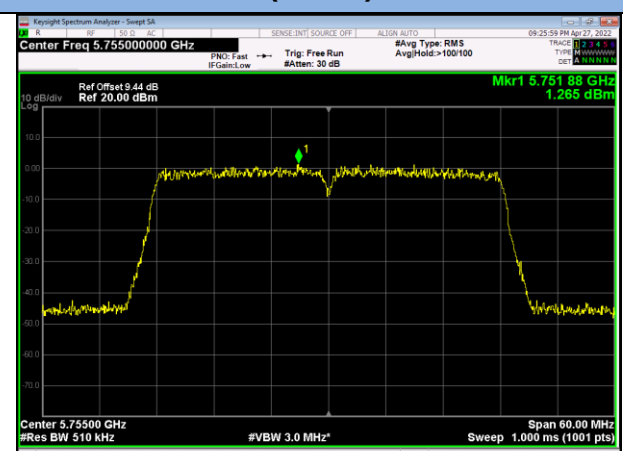
IEEE 802.11ac(VHT20) Middle Channel



IEEE 802.11ac(VHT20) High Channel

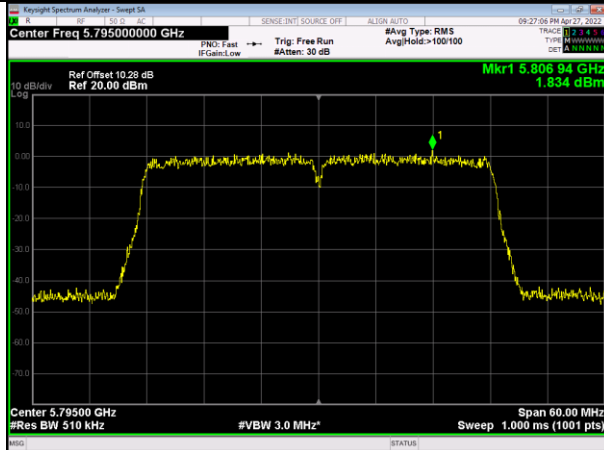


IEEE 802.11ac(VHT40) Low Channel

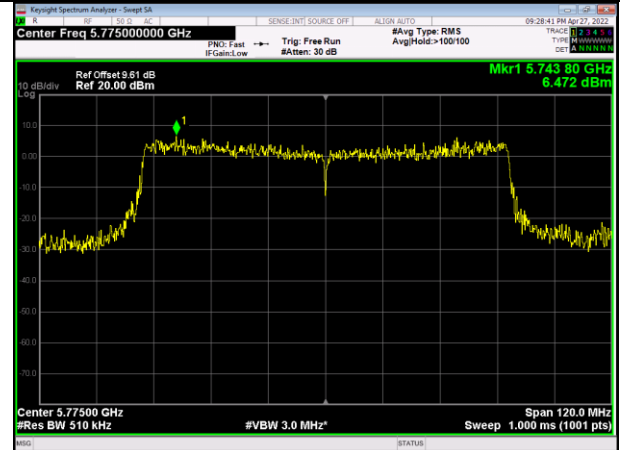


U-NII-3 Band

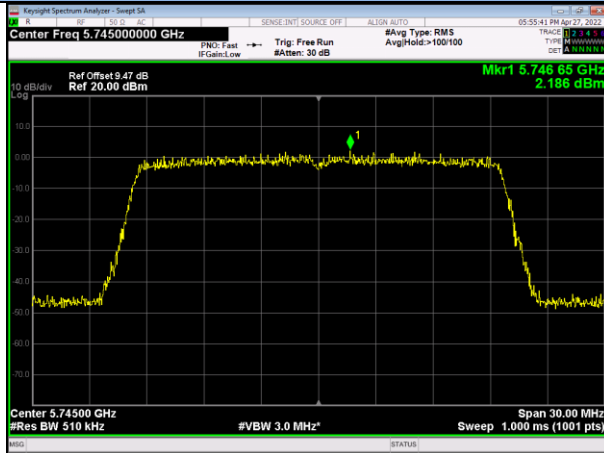
IEEE 802.11ac(VHT40) High Channel



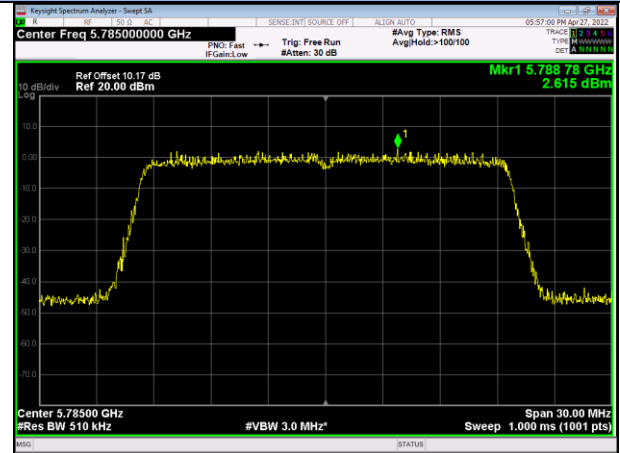
IEEE 802.11ac(VHT80)



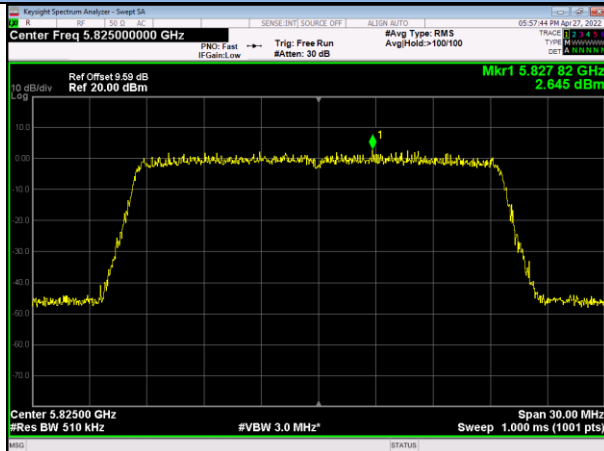
IEEE 802.11ax(HE20) Low Channel



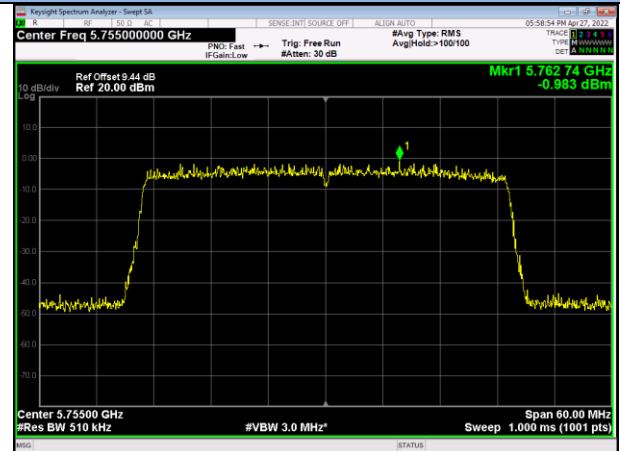
IEEE 802.11ax(HE20) Middle Channel



IEEE 802.11 ax(HE20) High Channel

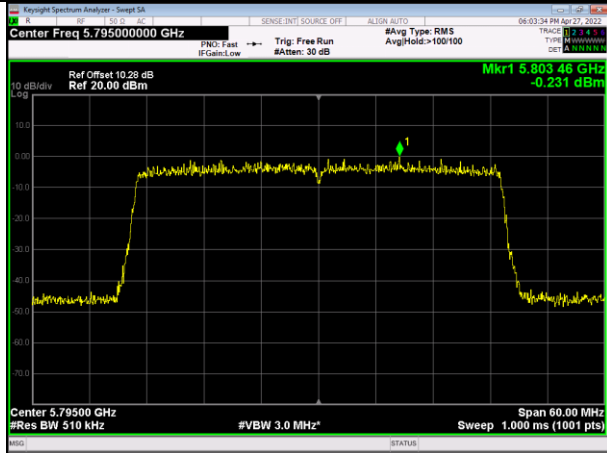


IEEE 802.11ax(HE40) Low Channel

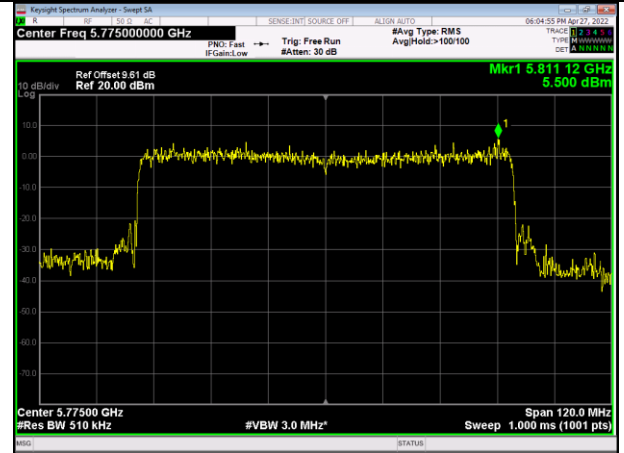


U-NII-3 Band

IEEE 802.11ax(VHT40) High Channel



IEEE 802.11ax(HE80)



14.6 Band Edge

LIMITS

For transmitters operating in the 5.15-5.25 GHz band:

All emissions outside of the 5.15-5.35GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band:

All emissions outside of the 5.15-5.35GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

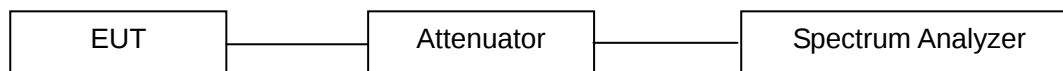
For transmitters operating in the 5.47-5.725 GHz band:

All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band:

All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

- Check the calibration of the measuring instrument using either an internal calibration or a known signal from an external generator.
- Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
- Set RBW to 1MHz and VBW to 3MHz of spectrum analyzer.
- Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
- Repeat above procedures until all measured frequencies were complete.

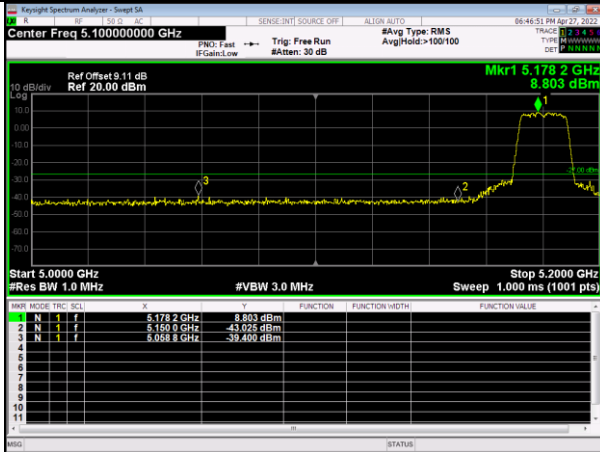
TEST RESULTS

PASS

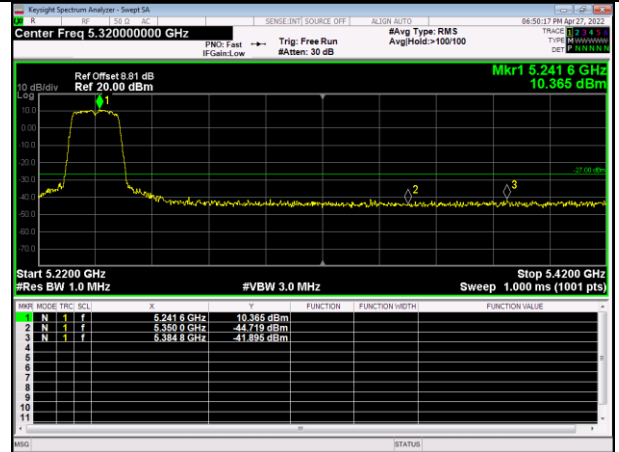
Both of ANT 1 & 2 has been tested. The worst ANT 1 has attenuated 3dB below the limit. So the MIMO mode deemed to passed.

U-NII-1 Band

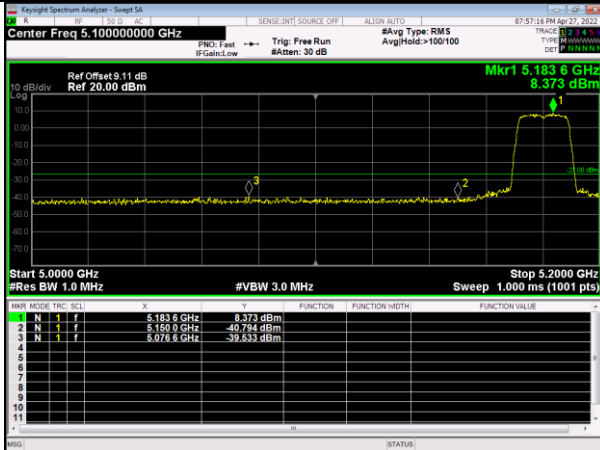
IEEE 802.11a Low Channel



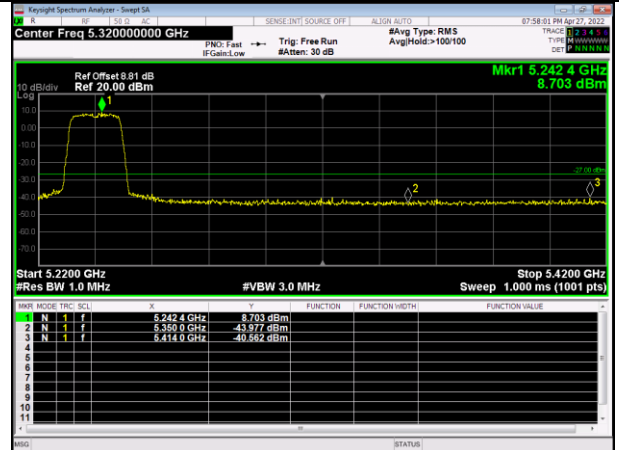
IEEE 802.11a High Channel



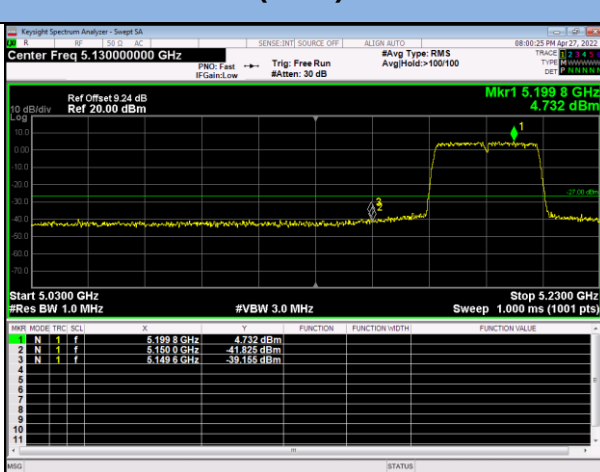
IEEE 802.11n(HT20) Low Channel



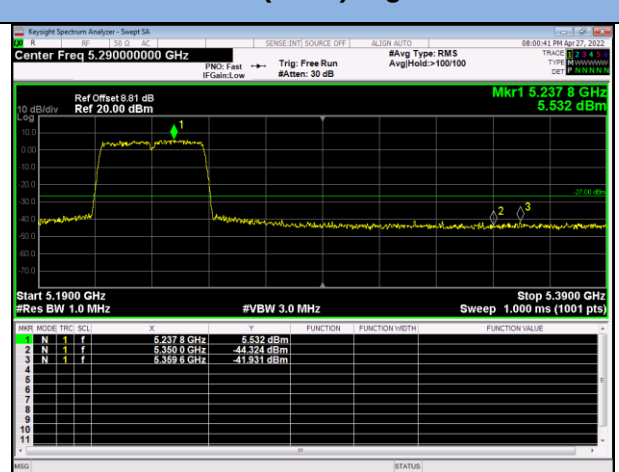
IEEE 802.11n(HT20) High Channel



IEEE 802.11n(HT40) Low Channel

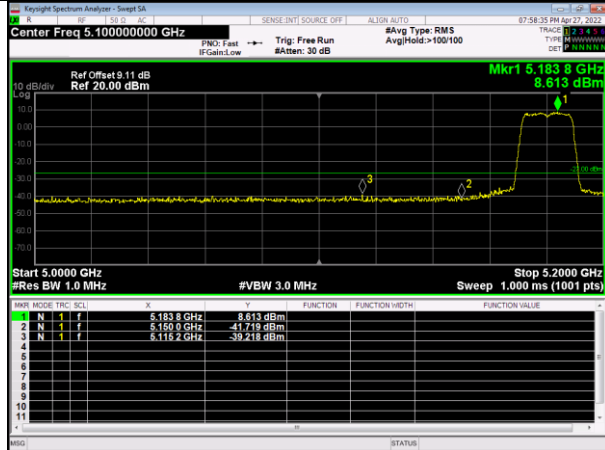


IEEE 802.11n(HT40) High Channel

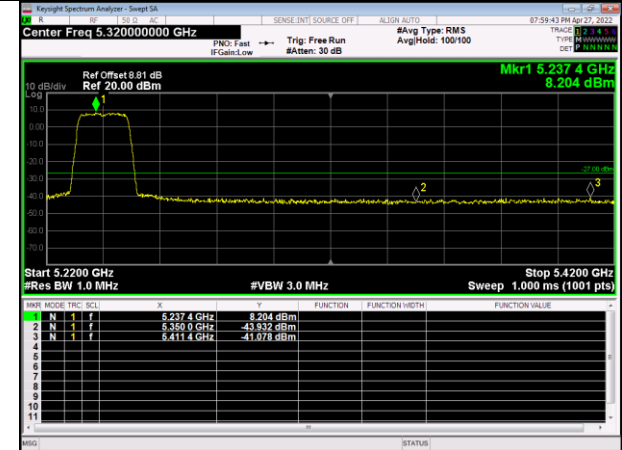


U-NII-1 Band

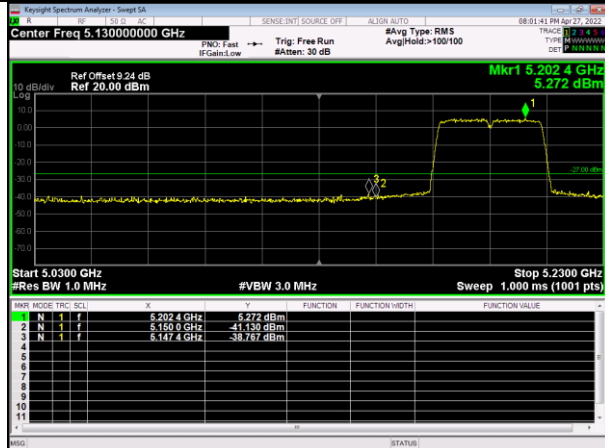
IEEE 802.11ac(VHT20) Low Channel



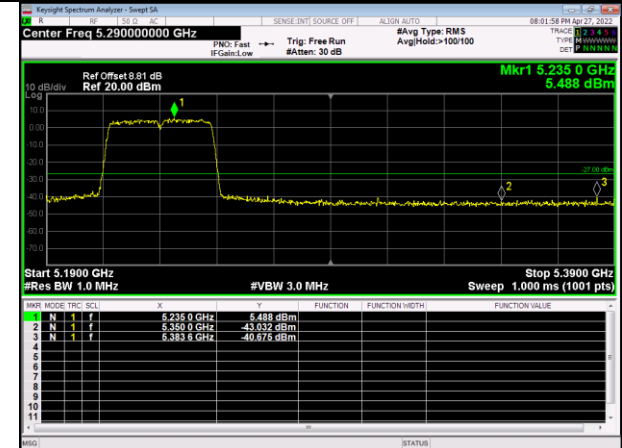
IEEE 802.11ac(VHT20) High Channel



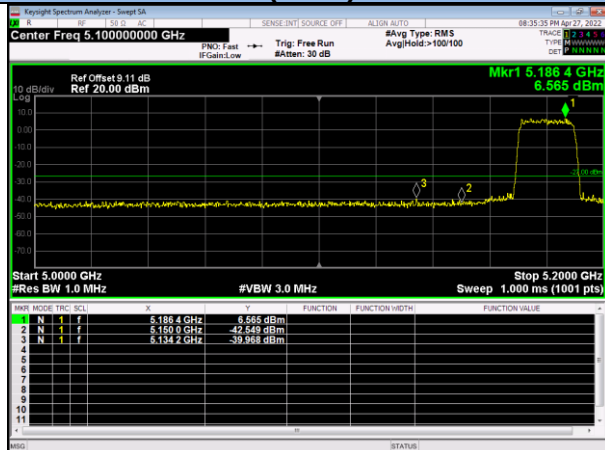
IEEE 802.11ac(VHT40) Low Channel



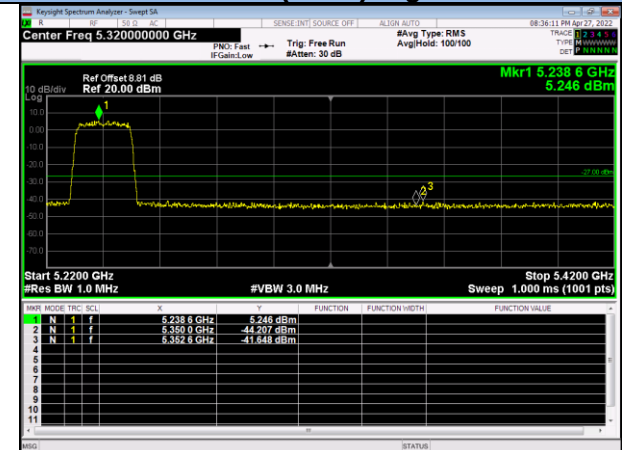
IEEE 802.11ac(VHT40) High Channel



IEEE 802.11ax(HE20) Low Channel

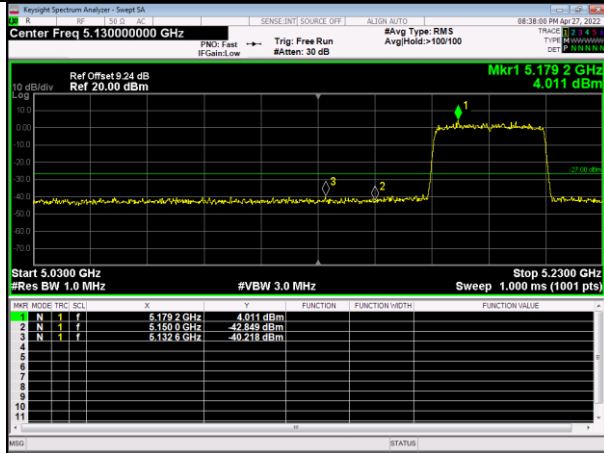


IEEE 802.11 ax(HE20) High Channel

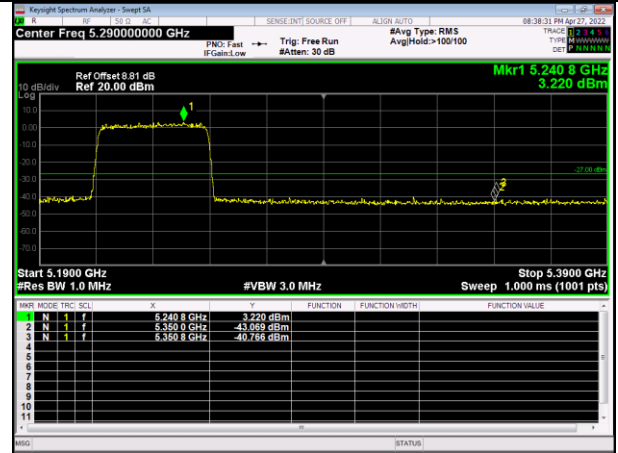


U-NII-1 Band

IEEE 802.11ax(HE40) Low Channel

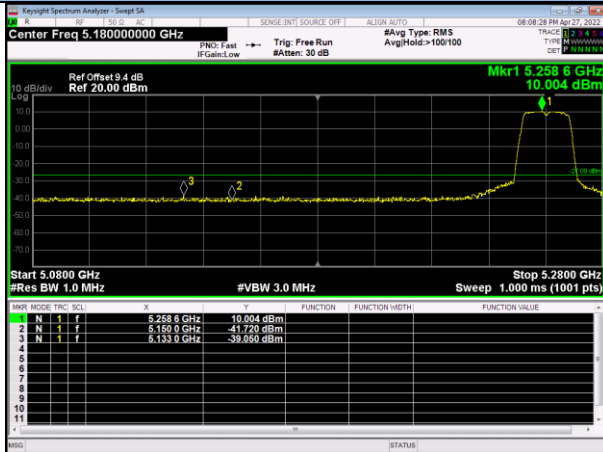


IEEE 802.11ax(HE40) High Channel

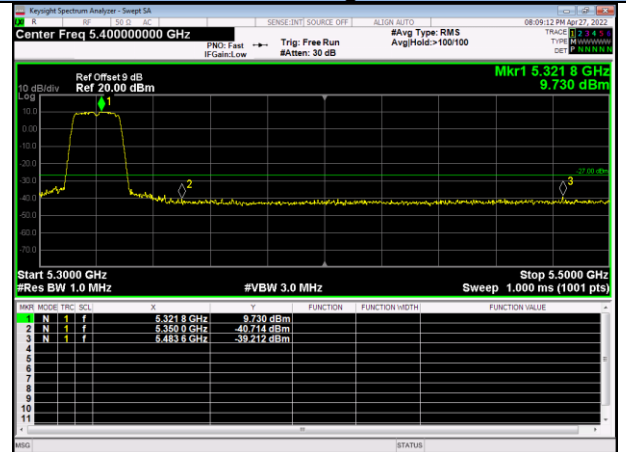


U-NII-2A Band

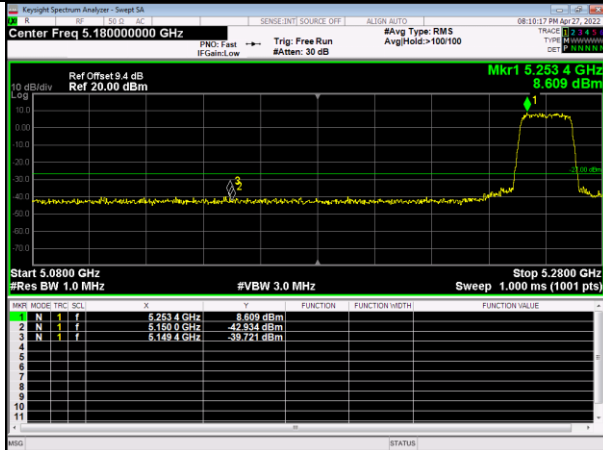
IEEE 802.11a Low Channel



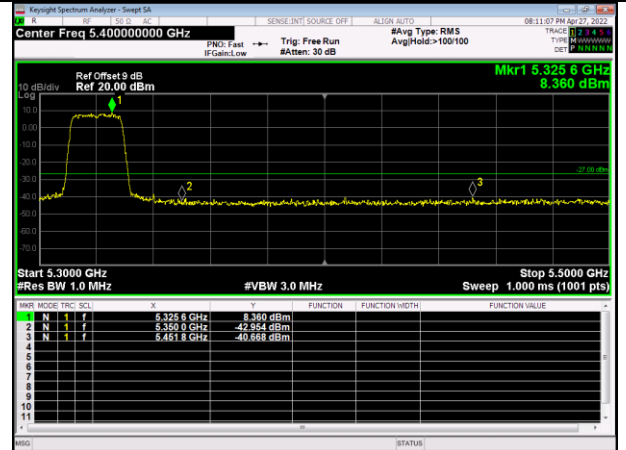
IEEE 802.11a High Channel



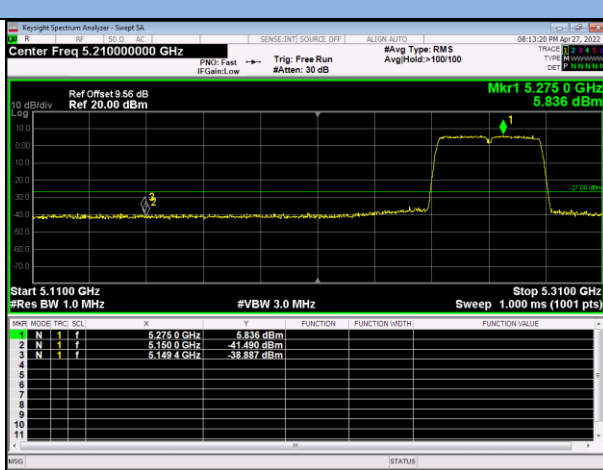
IEEE 802.11n(HT20) Low Channel



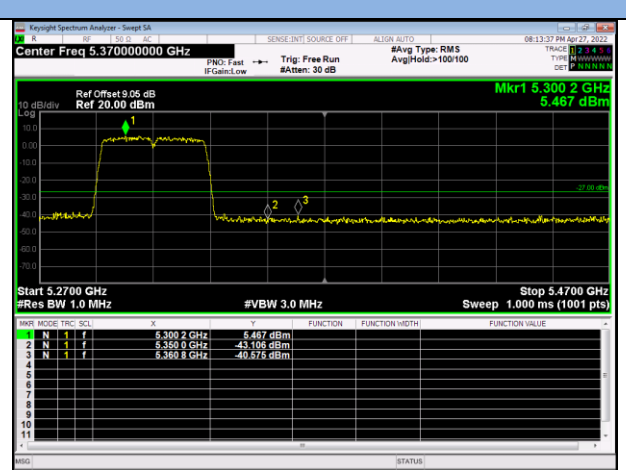
IEEE 802.11n(HT20) High Channel



IEEE 802.11n(HT40) Low Channel

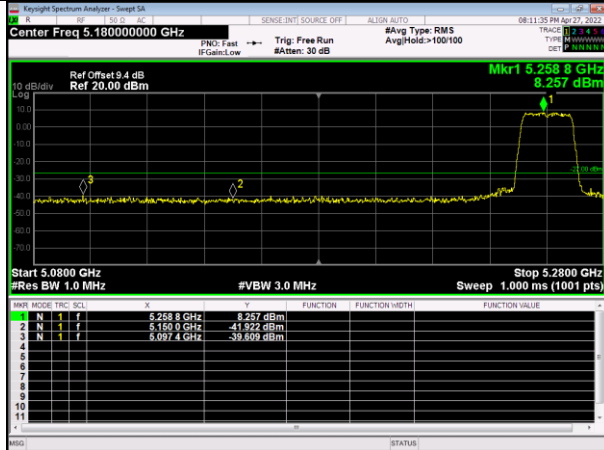


IEEE 802.11n(HT40) High Channel

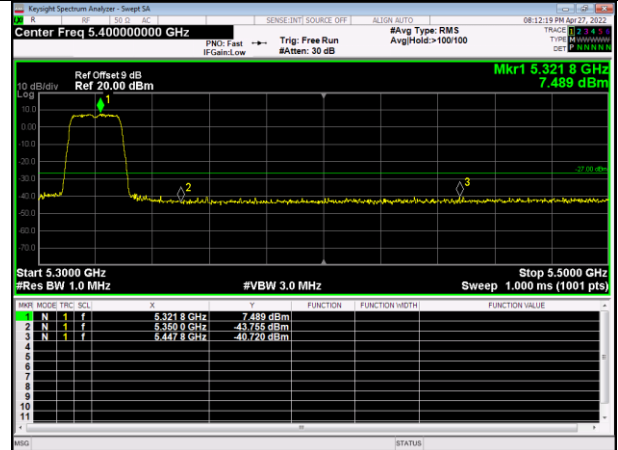


U-NII-2A Band

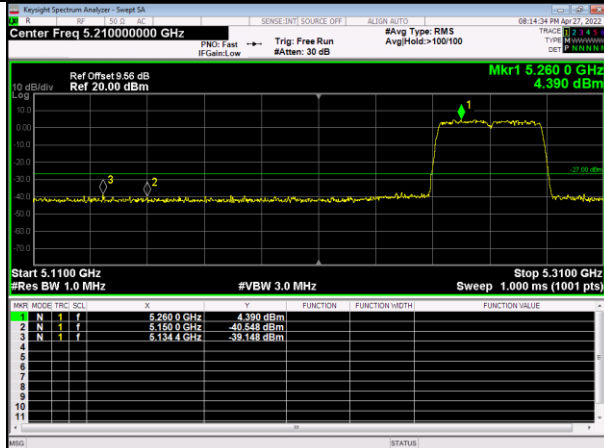
IEEE 802.11ac(VHT20) Low Channel



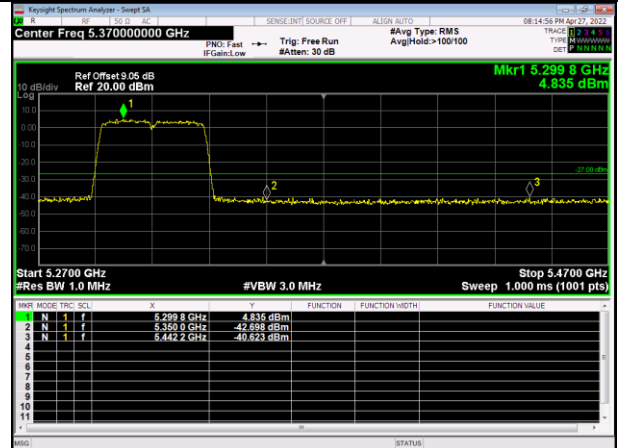
IEEE 802.11ac(VHT20) Middle Channel



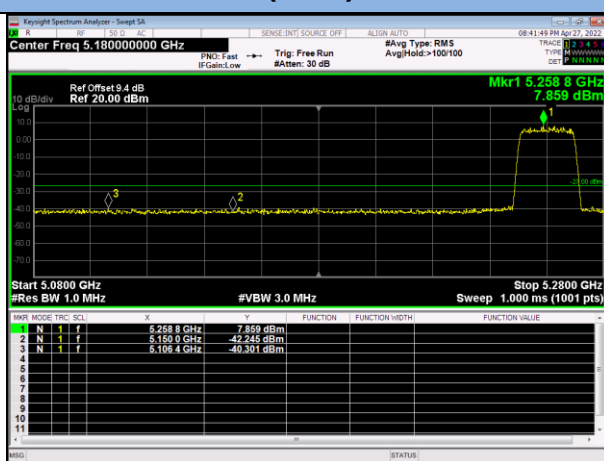
IEEE 802.11ac(VHT40) Low Channel



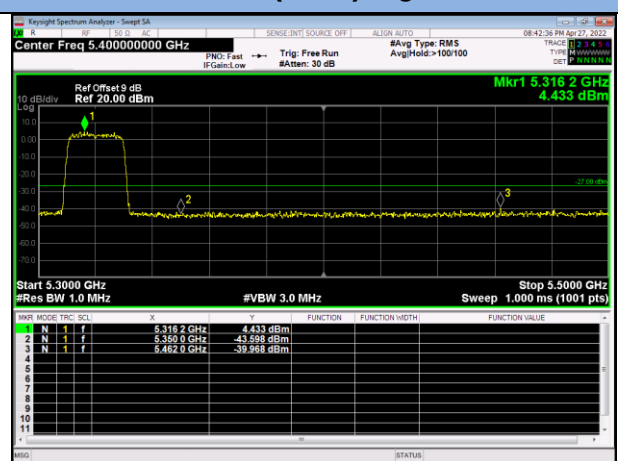
IEEE 802.11ac(VHT40) High Channel



IEEE 802.11ax(HE20) Low Channel

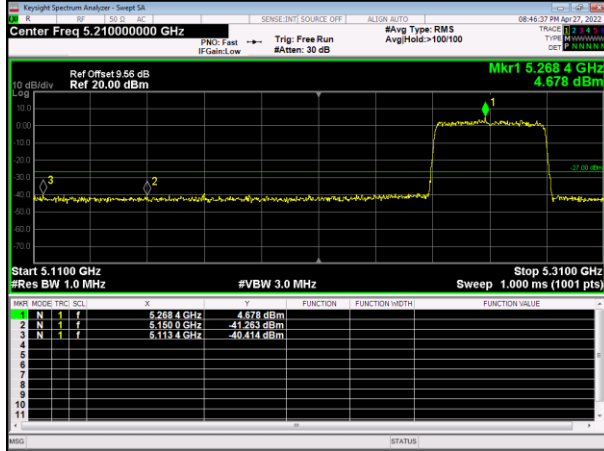


IEEE 802.11 ax(HE20) High Channel



U-NII-2A Band

IEEE 802.11ax(HE40) Low Channel



IEEE 802.11ax(HE40) High Channel

