Channel 116 (5580MHz)

Voltage vs. Frequency Stability

Voltage vs. Frequency Stability Voltage(V)	Measurement Frequency(MHz)
5.75	5580.0026
5	5580.0024
4.25	5580.0022
Max.Deviation(MHz)	0.0026
Max.Deviation(ppm)	0.47

Rated working voltage:DC 5V

Temperature vs. Frequency Stability

Temperature(℃)	Measurement Frequency(MHz)
-30	5580.0024
-20	5200.0021
-10	5200.0022
0	5200.0020
10	5200.0020
20	5200.0021
30	5200.0020
40	5200.0019
50	5200.0018
Max.Deviation(MHz)	0.0024
Max.Deviation(ppm)	0.43

APPENDIX - PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

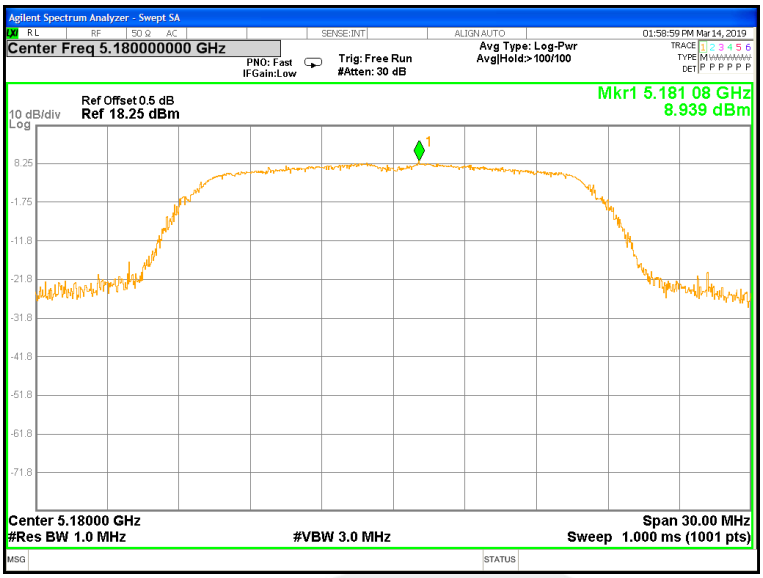
※※※※※END OF THE REPORT※※※※※

U-NII-1 (5.15-5.25GHz)

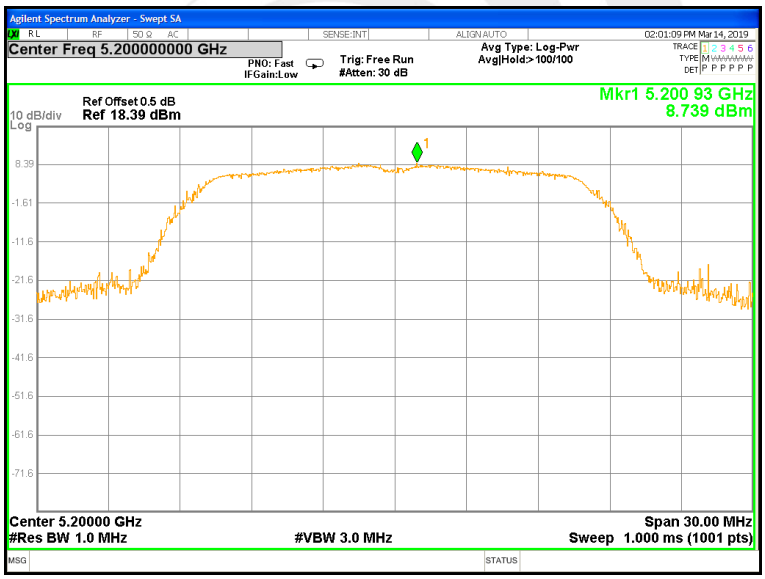
5150-5250MHz			
Frequency	**Power Density Total(dBm)**	**Limit**	**Result**
802.11a			
5180	8.939	11	PASS
5200	8.739	11	PASS
5240	9.304	11	PASS
802.11n20			
5180	9.287	11	PASS
5200	9.526	11	PASS
5240	8.448	11	PASS
802.11n40			
5190	6.265	11	PASS
5230	6.247	11	PASS

U-NII-1 (5.15-5.25GHz) 802.11a

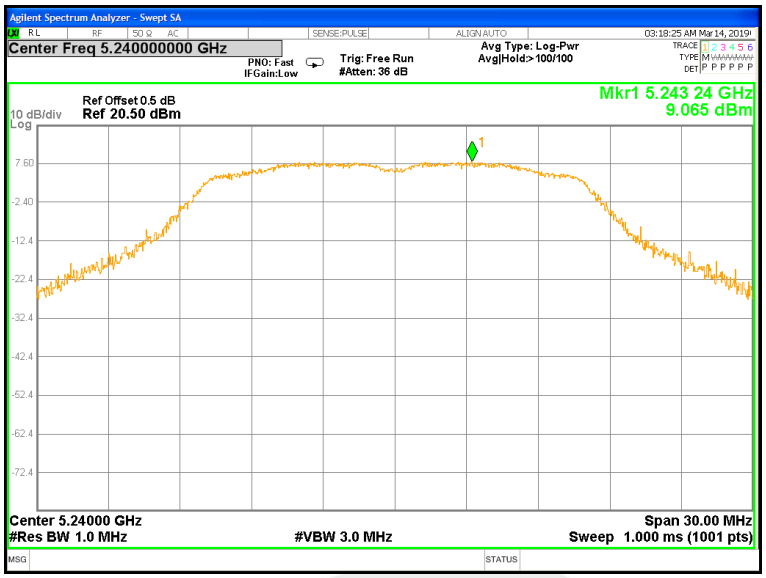
PSD 802.11a Channel 36



PSD 802.11a Channel 40

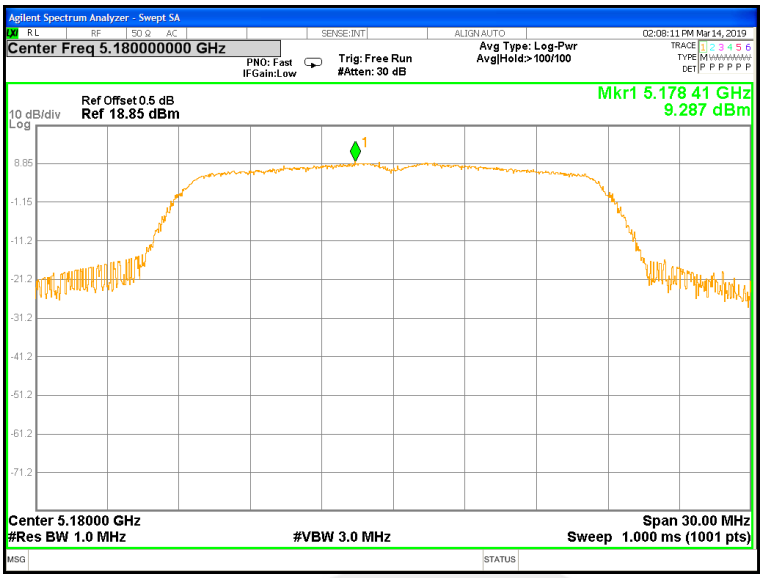


PSD 802.11a Channel 48

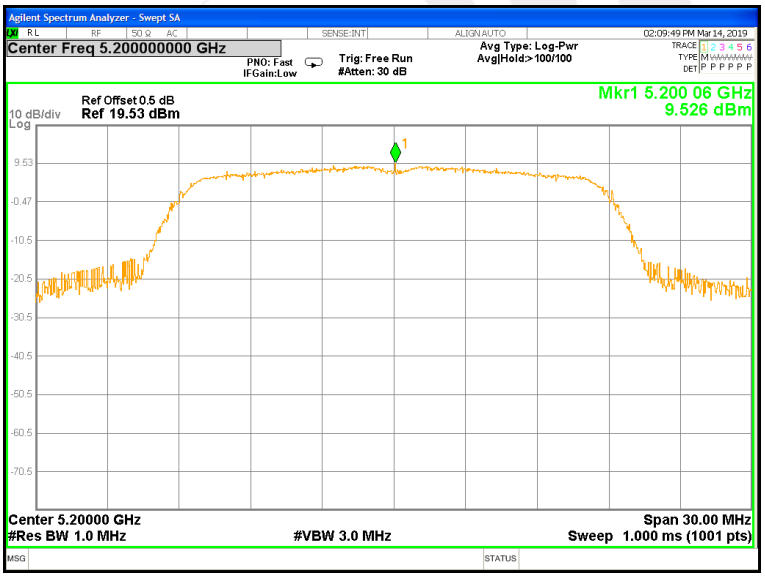


U-NII-1 (5.15-5.25GHz) 802.11n(HT20)

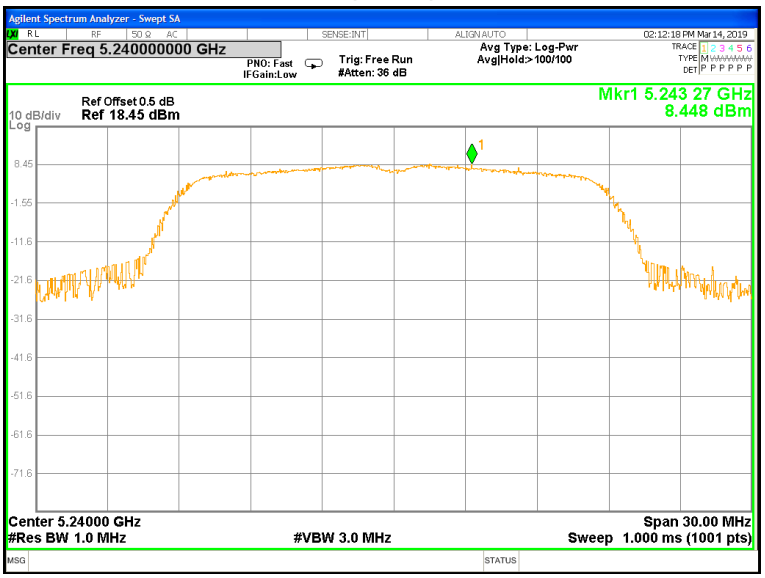
PSD 802.11n(HT20) Channel 36



PSD 802.11n(HT20) Channel 40

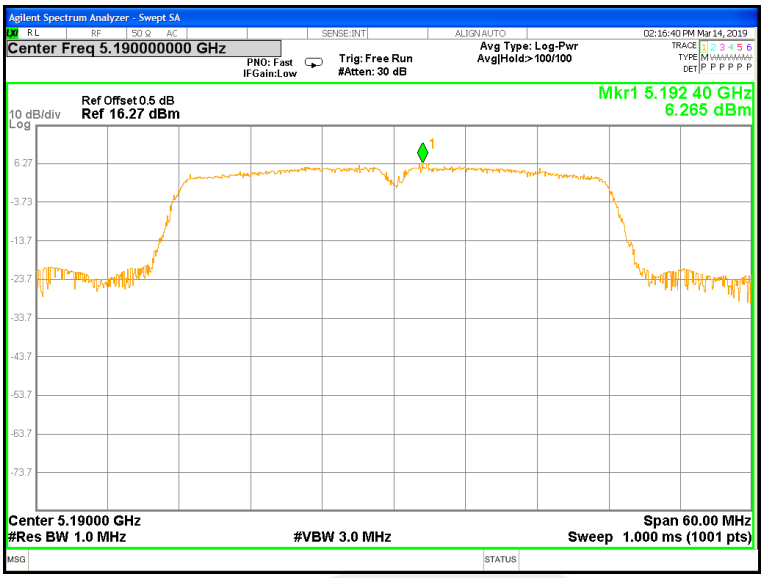


PSD 802.11n(HT20) Channel 48

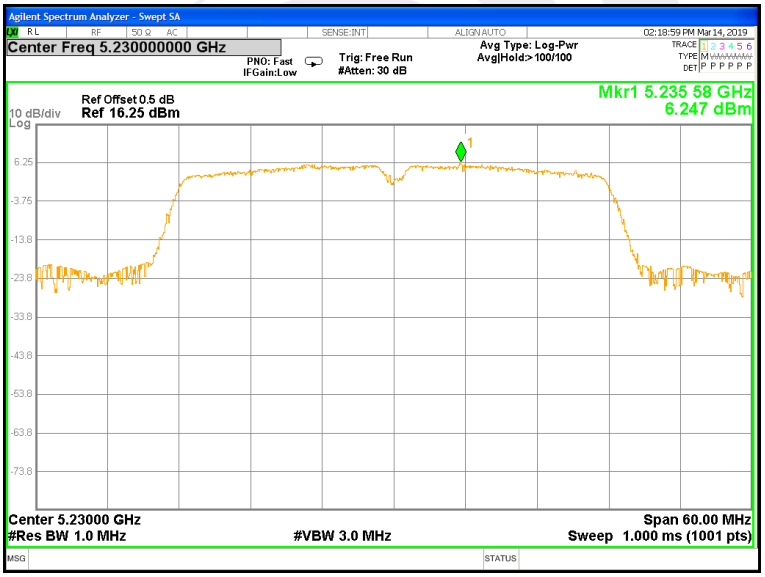


U-NII-1 (5.15-5.25GHz) 802.11n(HT40)

PSD 802.11n(HT40) Channel 38



PSD 802.11n(HT40) Channel 46

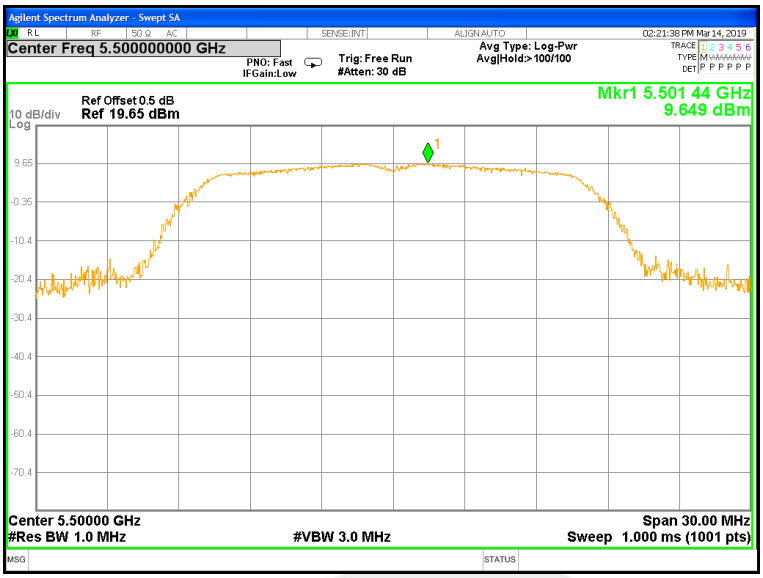


U-NII-2C (5.47-5.725GHz)

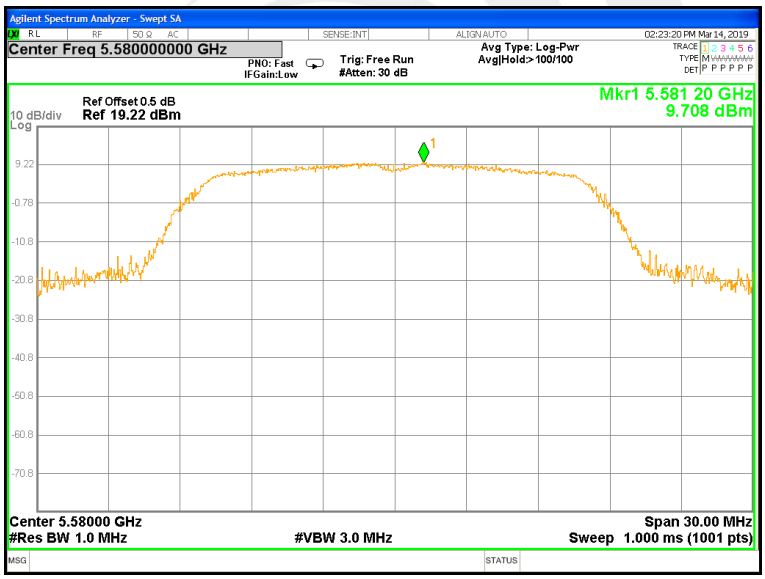
5470-5725MHz			
Frequency	**Power Density Total(dBm)**	**Limit**	**Result**
802.11a			
5500	9.649	11	PASS
5580	9.708	11	PASS
5700	9.189	11	PASS
802.11n20			
5500	9.999	11	PASS
5580	9.288	11	PASS
5700	9.303	11	PASS
802.11n40			
5510	6.082	11	PASS
5550	7.038	11	PASS
5670	6.962	11	PASS

U-NII-2C (5.47-5.725GHz) 802.11a

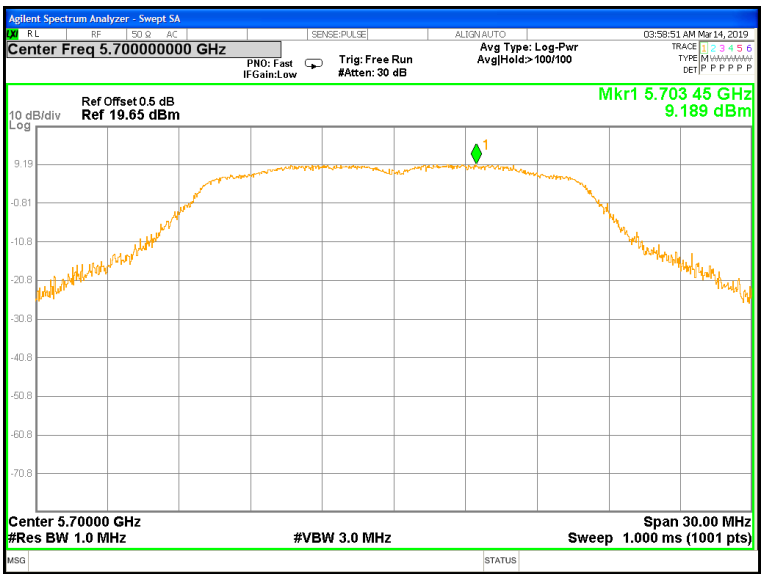
PSD 802.11a Channel 100



PSD 802.11a Channel 116

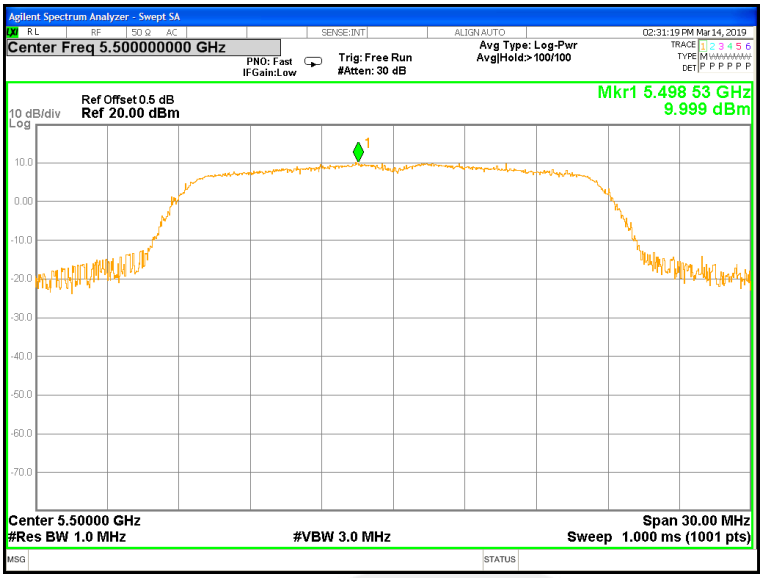


PSD 802.11a Channel 140

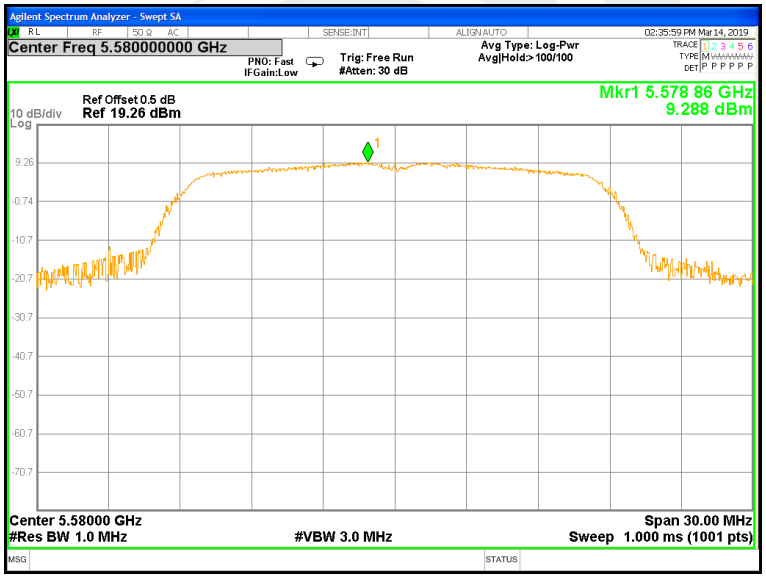


U-NII-2C (5.47-5.725GHz) 802.11n (HT20)

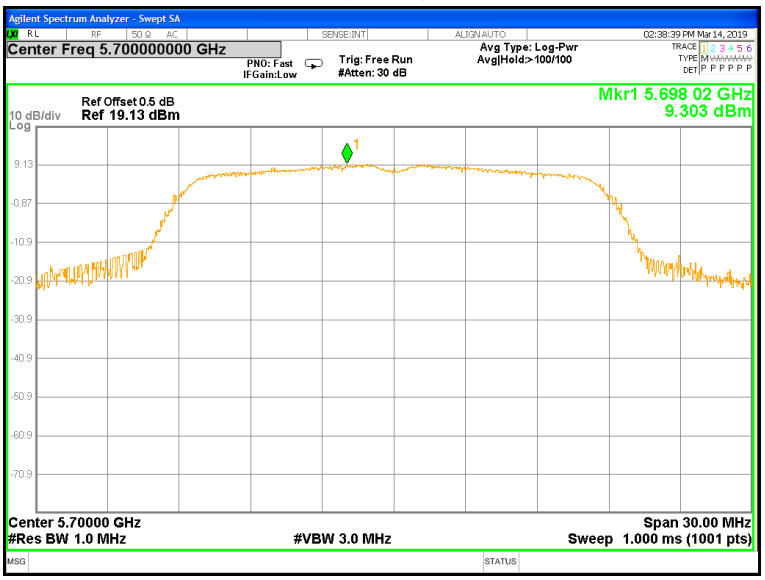
PSD 802.11n(HT20) Channel 100



PSD 802.11n(HT20) Channel 116

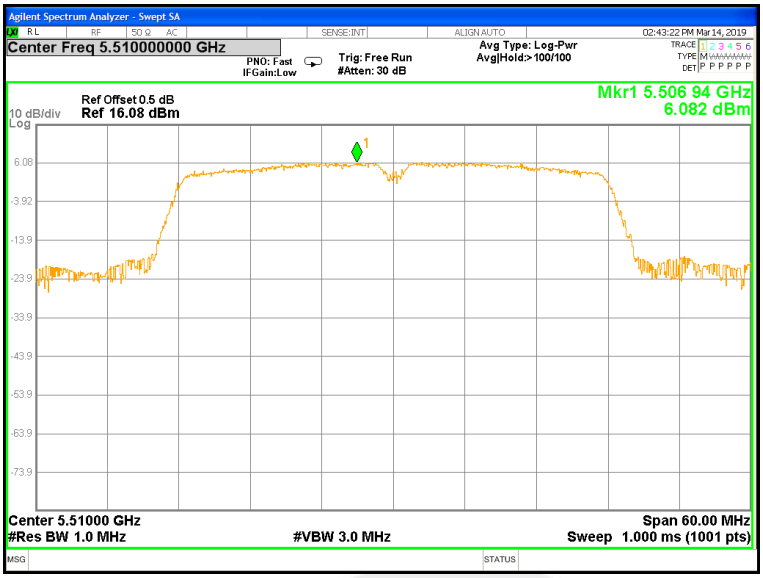


PSD 802.11n(HT20) Channel 140

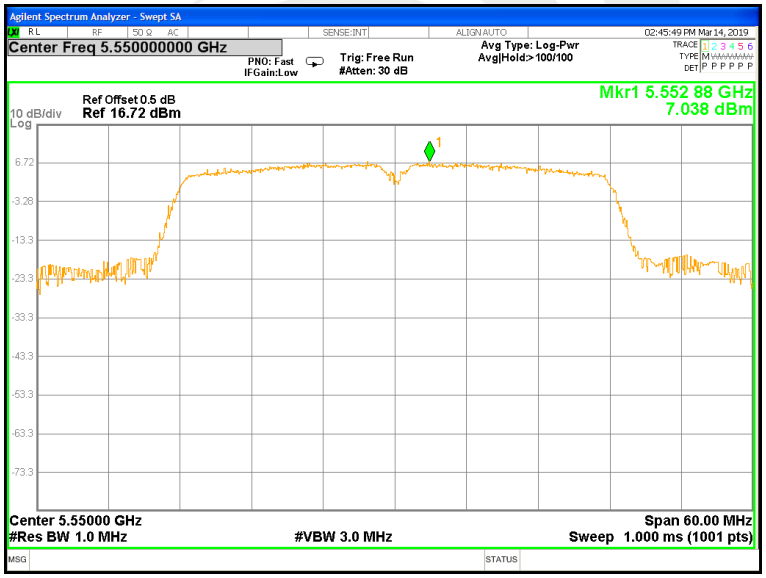


U-NII-2C (5.47-5.725GHz) 802.11n (HT40)

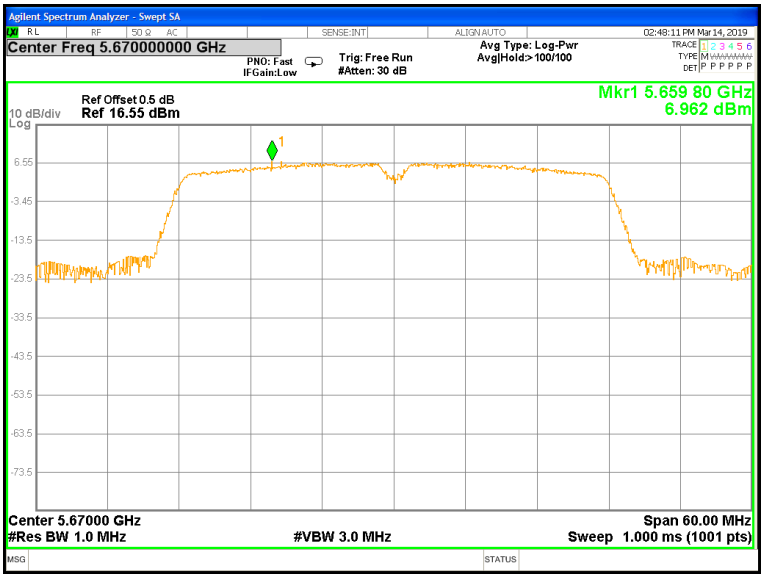
PSD 802.11n(HT40) Channel 102



PSD 802.11n(HT40) Channel 110



PSD 802.11n(HT40) Channel 134



U-NII-1 (5.150-5.250GHz) 26dB Bandwidth

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)	Pass/Fail
5180	19.31	Pass
5200	19.41	Pass
5240	19.40	Pass

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11n(HT20) 26dB Bandwidth(MHz)	Pass/Fail
5180	19.50	Pass
5200	19.60	Pass
5240	19.74	Pass

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11n(HT40) 26dB Bandwidth(MHz)	Pass/Fail
5190	40.55	Pass
5230	40.57	Pass

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

U-NII-2C (5.47-5.725GHz)26dB Bandwidth

Frequency (MHz)	802.11a 26dB Bandwidth(MHz)	Pass/Fail
5500	19.31	Pass
5580	19.48	Pass
5700	19.97	Pass

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11n(HT20) 26dB Bandwidth(MHz)	Pass/Fail
5500	19.81	Pass
5580	19.77	Pass
5700	19.77	Pass

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11n(HT40) 26dB Bandwidth(MHz)	Pass/Fail
5510	41.82	Pass
5550	41.75	Pass
5670	43.20	Pass

Note: N/A, 26 db bandwidth measurement limit only embodied in the report.

U-NII-1 (5.150-5.250GHz) 99%Bandwidth

Frequency (MHz)	802.11a 99% Bandwidth(MHz)	Pass/Fail
5180	16.463	Pass
5200	16.479	Pass
5240	16.470	Pass

Note: N/A, 99% bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11n(HT20) 99% Bandwidth(MHz)	Pass/Fail
5180	17.549	Pass
5200	17.558	Pass
5240	17.551	Pass

Note: N/A, 99% bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11n(HT40) 99% Bandwidth(MHz)	Pass/Fail
5190	35.966	Pass
5230	35.938	Pass

Note: N/A, 99% bandwidth measurement limit only embodied in the report.

U-NII-2C (5.470-5.725GHz)99%Bandwidth

Frequency (MHz)	802.11a 99% Bandwidth(MHz)	Pass/Fail
5500	16.480	Pass
5580	16.513	Pass
5700	16.480	Pass

Note: N/A, 99% bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11n(HT20) 99% Bandwidth(MHz)	Pass/Fail
5500	17.567	Pass
5580	17.593	Pass
5700	17.558	Pass

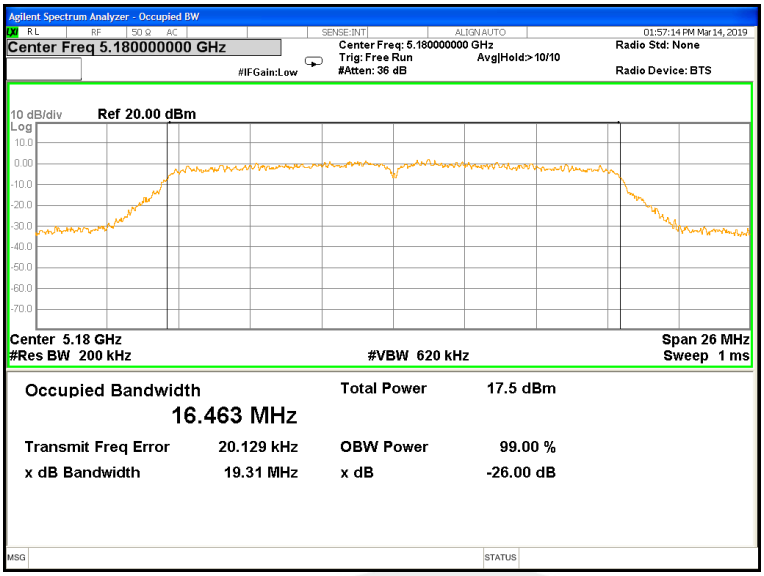
Note: N/A, 99% bandwidth measurement limit only embodied in the report.

Frequency (MHz)	802.11n(HT40) 99% Bandwidth(MHz)	Pass/Fail
5510	35.988	Pass
5550	35.955	Pass
5670	35.989	Pass

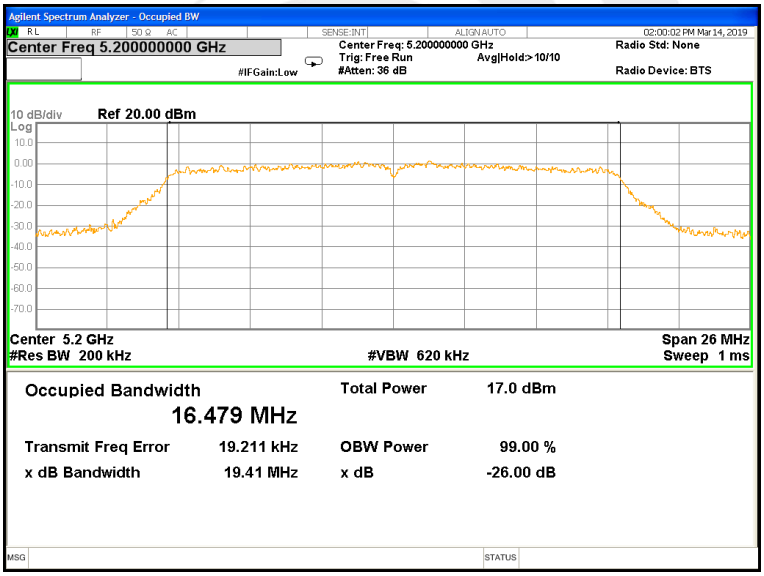
Note: N/A, 99% bandwidth measurement limit only embodied in the report.

U-NII-1 (5.150-5.250GHz)) 802.11a 26 dB &99%Bandwidth

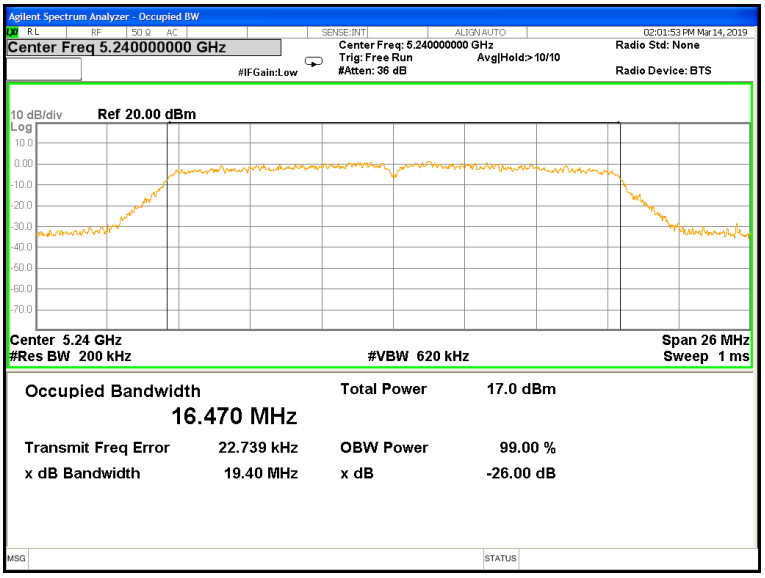
26 dB &99% Bandwidth 802.11a Channel 36



26 dB &99% Bandwidth 802.11a Channel 40

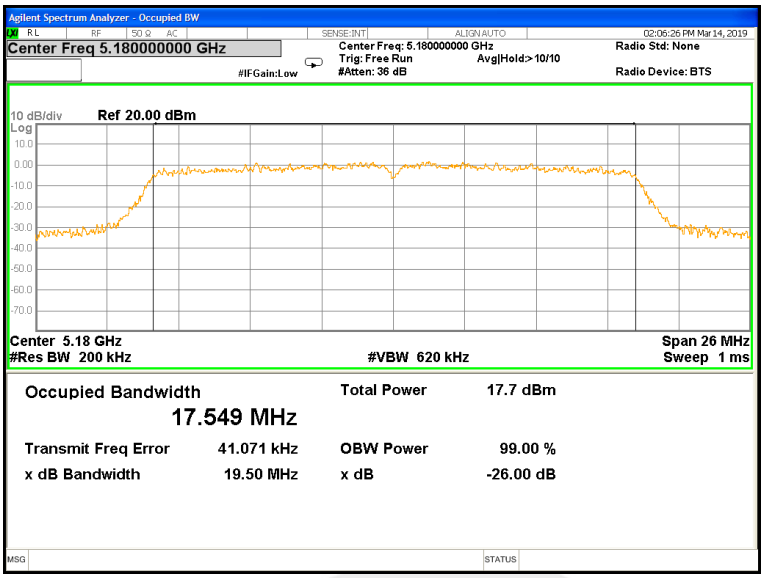


26 dB &99% Bandwidth 802.11a Channel 48

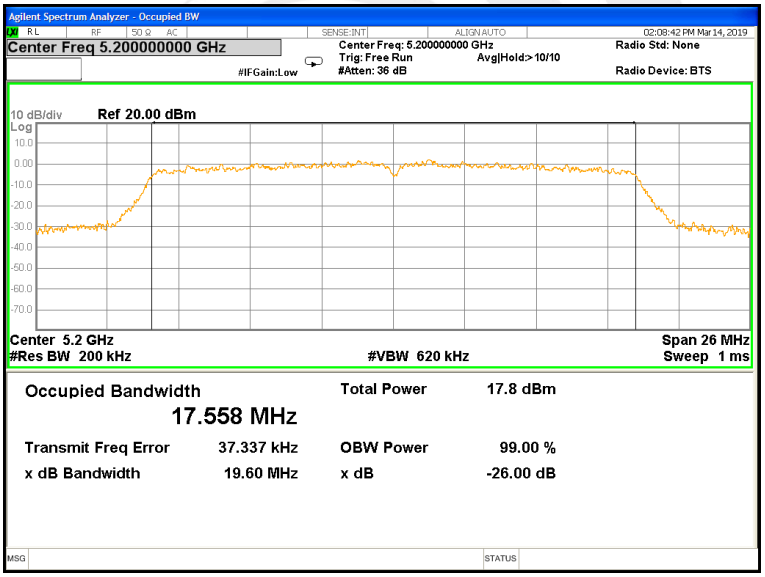


U-NII-1 (5.150-5.250GHz) 802.11n(HT20) 26 dB &99% Bandwidth

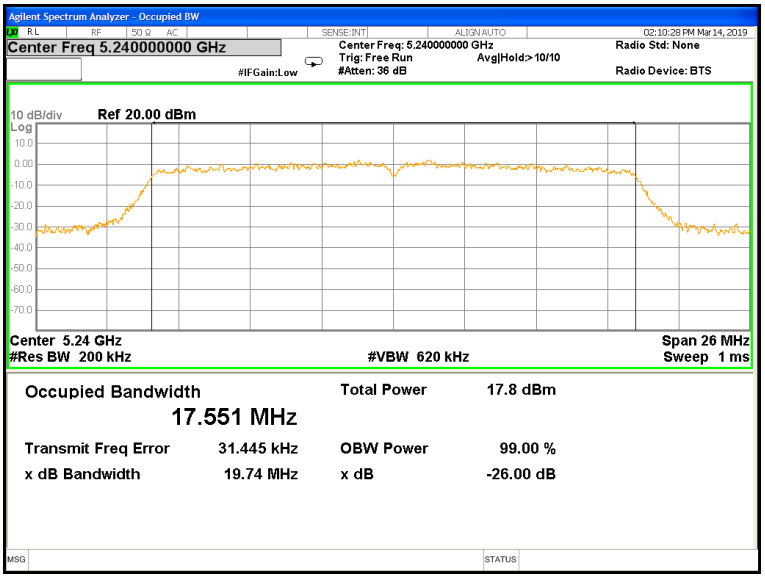
26 dB &99% Bandwidth 802.11n(HT20) Channel 36



26 dB &99% Bandwidth 802.11n(HT20) Channel 40

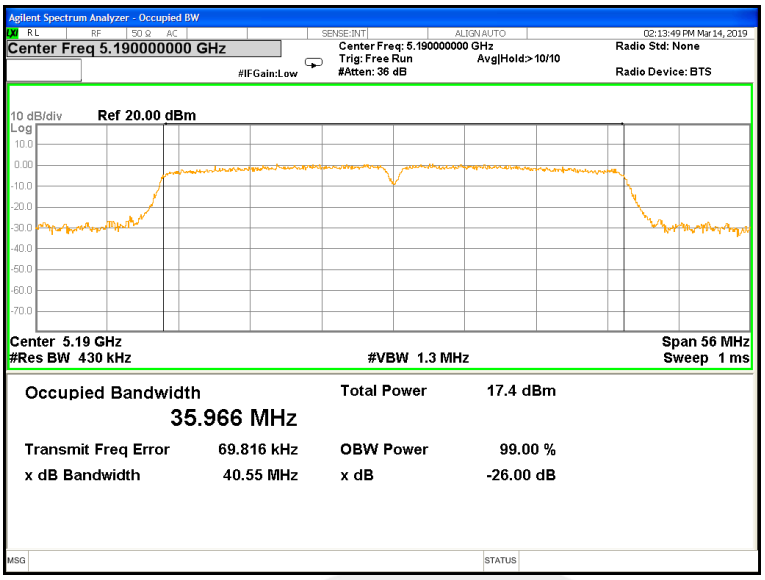


26 dB &99% Bandwidth 802.11n(HT20) Channel 48

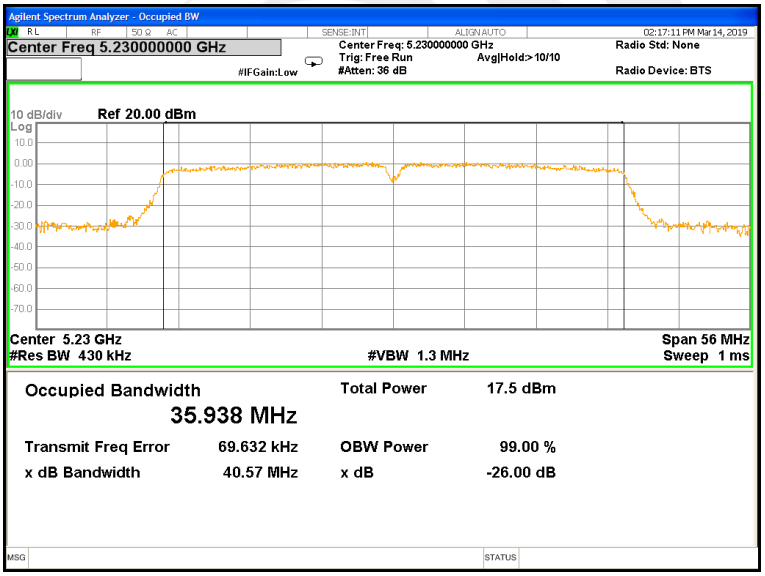


U-NII-1 (5.150-5.250GHz) 802.11n(HT40) 26 dB &99% Bandwidth

26 dB &99% Bandwidth 802.11n(HT40) Channel 38

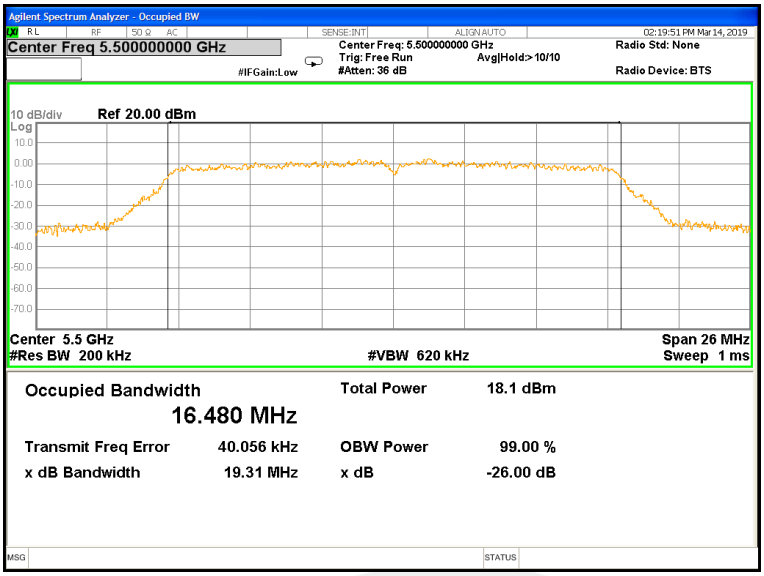


26 dB &99% Bandwidth 802.11n(HT40) Channel 46

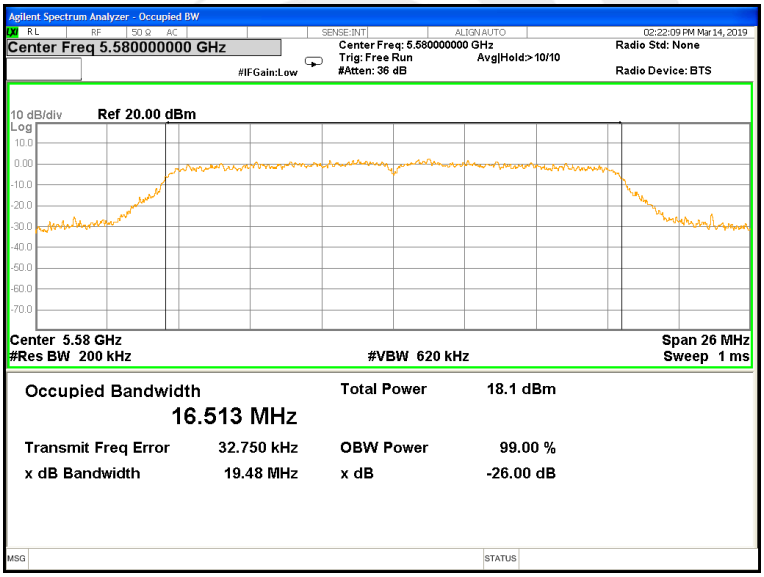


U-NII-2C (5.470-5.725GHz)) 802.11a 26 dB &99% Bandwidth

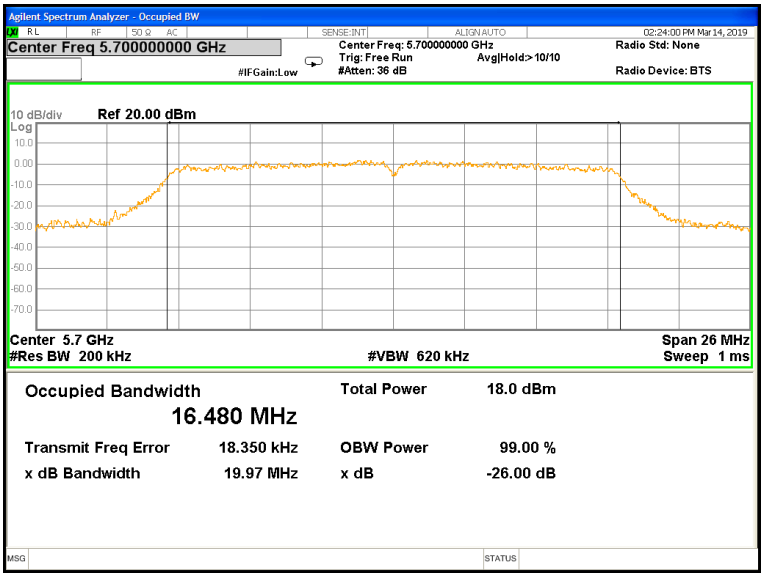
26 dB &99% Bandwidth 802.11a Channel 100



26 dB &99% Bandwidth 802.11a Channel 116

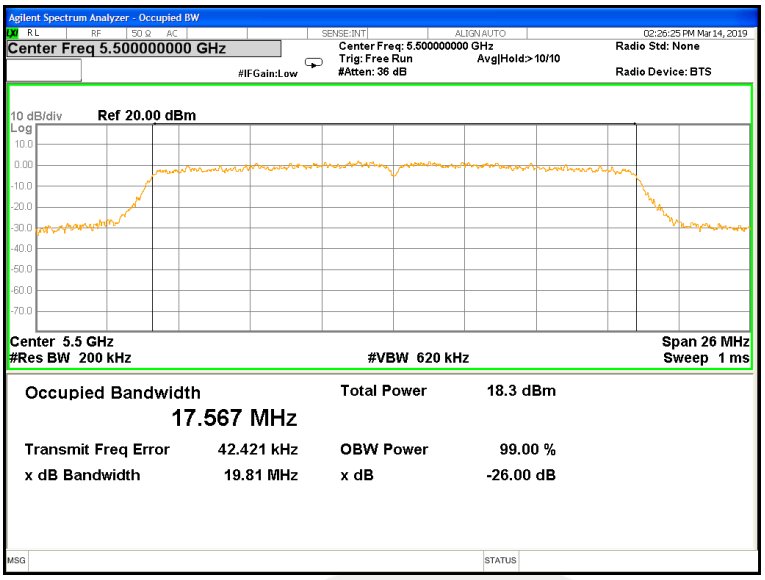


26 dB &99% Bandwidth 802.11a Channel 140

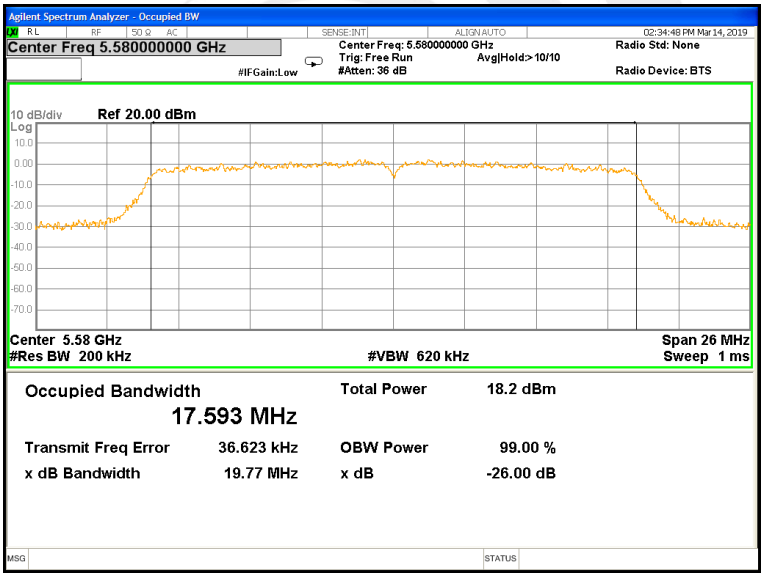


U-NII-2C (5.470-5.725GHz) 802.11n(HT20) 26 dB &99% Bandwidth

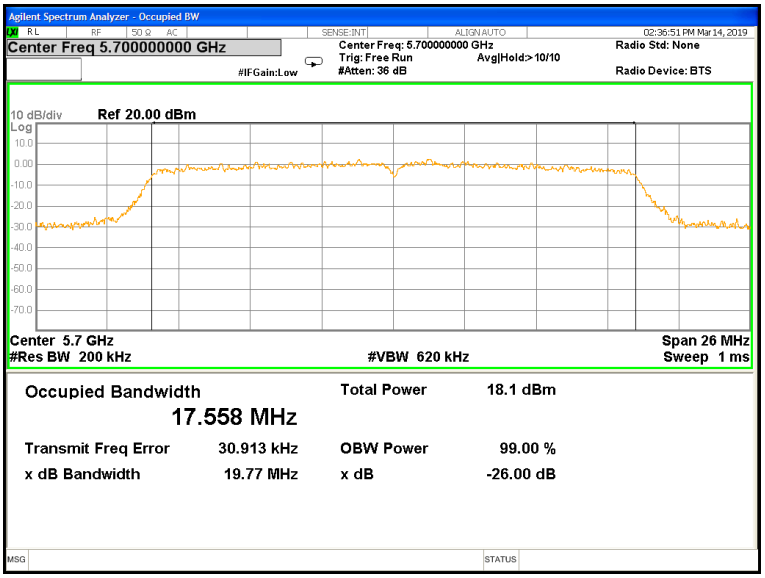
26 dB &99% Bandwidth 802.11n(HT20) Channel 100



26 dB &99% Bandwidth 802.11n(HT20) Channel 116

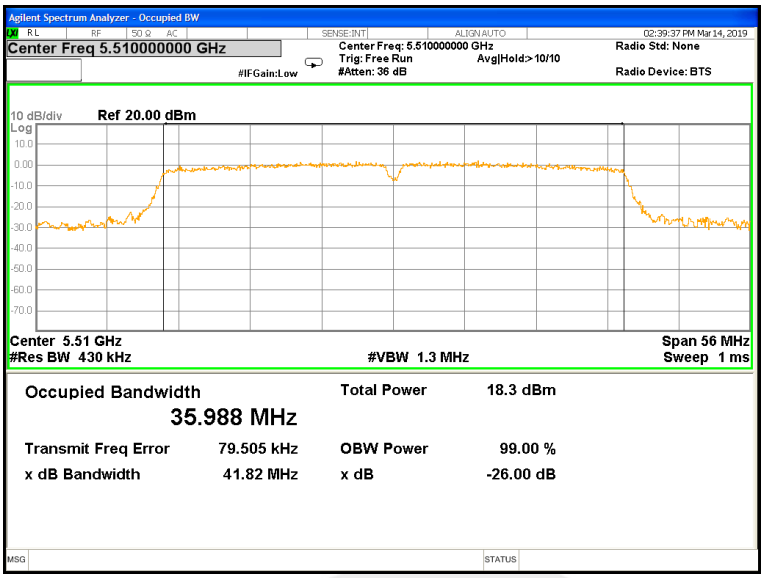


26 dB &99% Bandwidth 802.11n(HT20) Channel 140

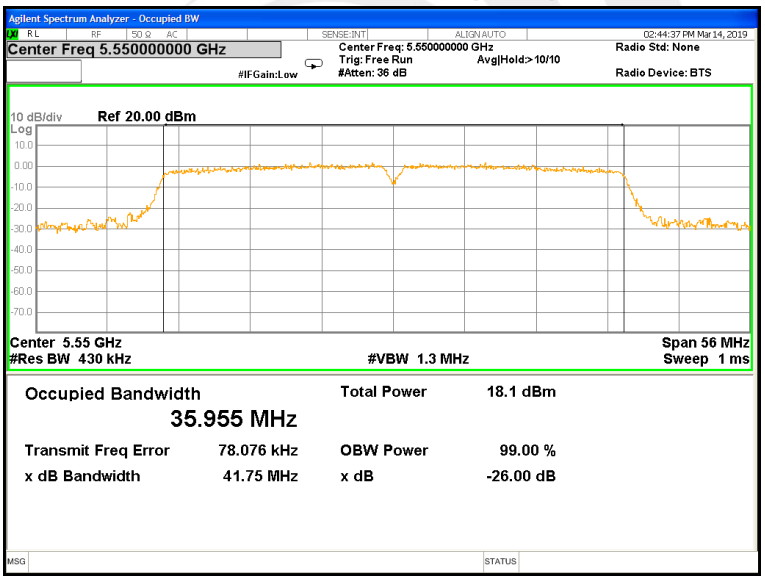
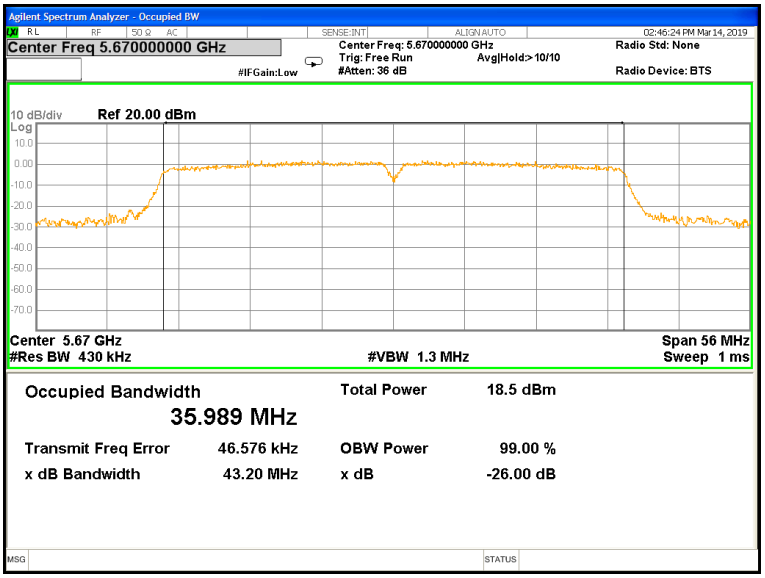


U-NII-2C (5.470-5.725GHz) 802.11n(HT40) 26 dB &99% Bandwidth

26 dB &99% Bandwidth 802.11n(HT40) Channel 102



26 dB &99% Bandwidth 802.11n(HT40) Channel 110



26 dB &99% Bandwidth 802.11n(HT40) Channel 134