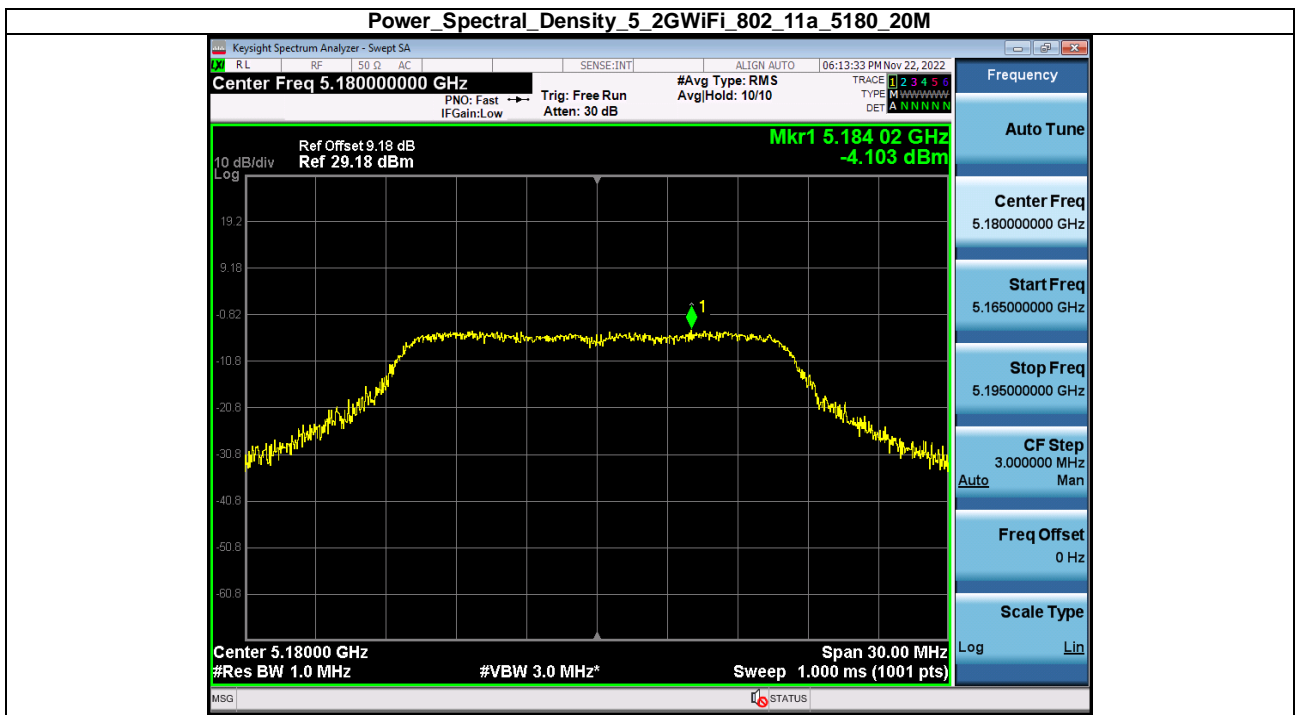


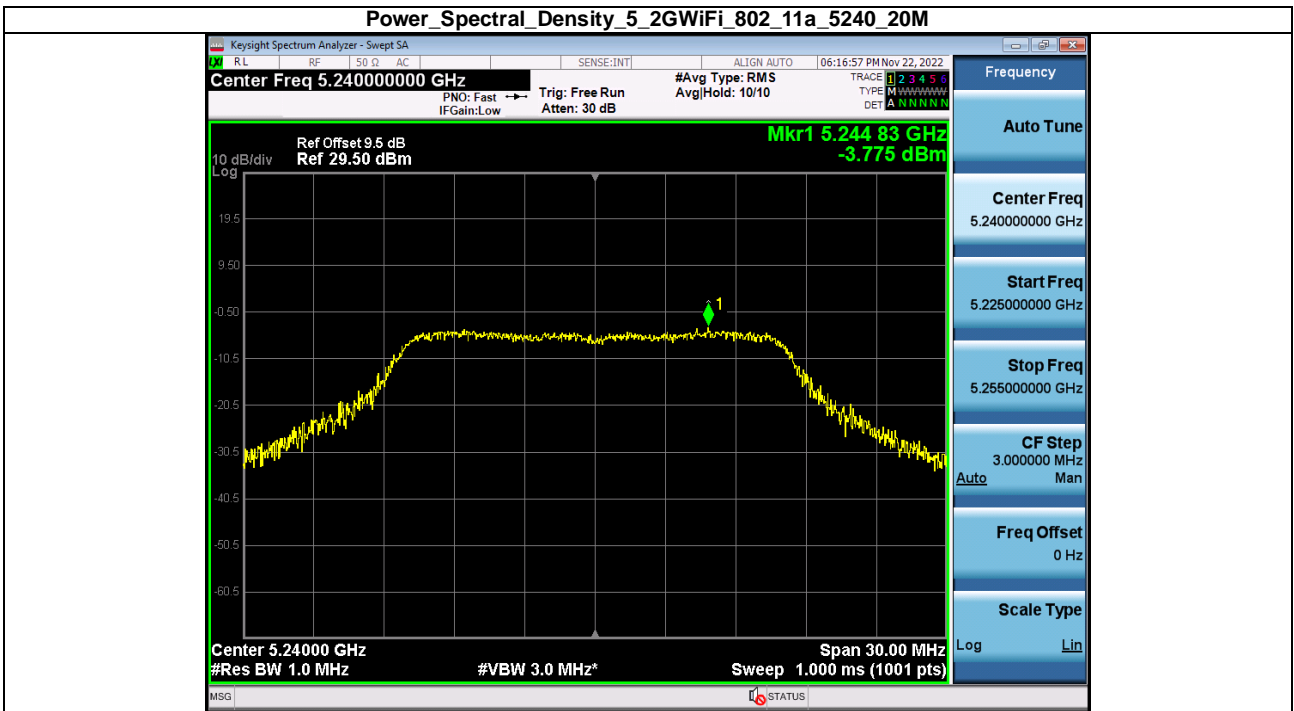
11. APPENDIX1

POWER SPECTRAL DENSITY

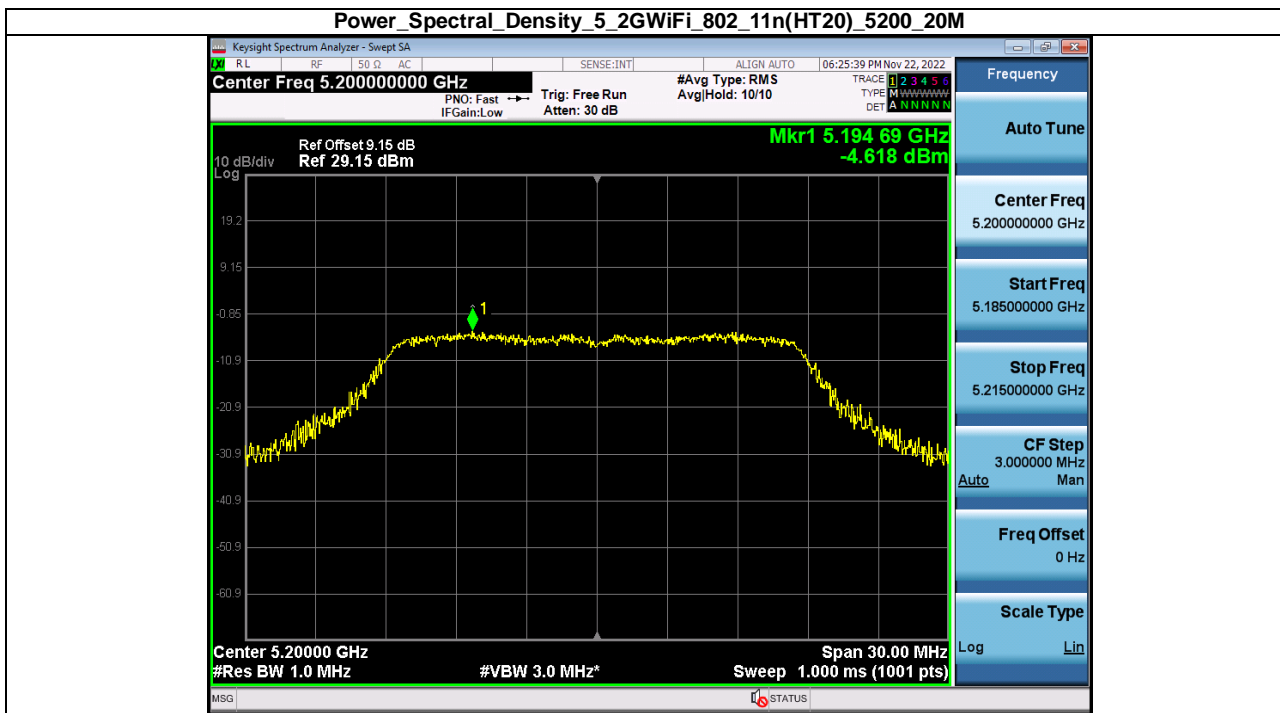
Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	-4.103	17	Pass
NVNT	ANT1	802.11a	5200.00	-4.610	17	Pass
NVNT	ANT1	802.11a	5240.00	-3.775	17	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	-4.417	17	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-4.618	17	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-4.088	17	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-8.944	17	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-8.326	17	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-8.357	17	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	-1.921	17	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	-1.352	17	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	-1.733	17	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-7.463	17	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-7.590	17	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-10.627	17	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-11.174	17	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	-5.783	17	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	-5.341	17	Pass



Power\_Spectral\_Density\_5\_2WiFi\_802\_11a\_5200\_20M



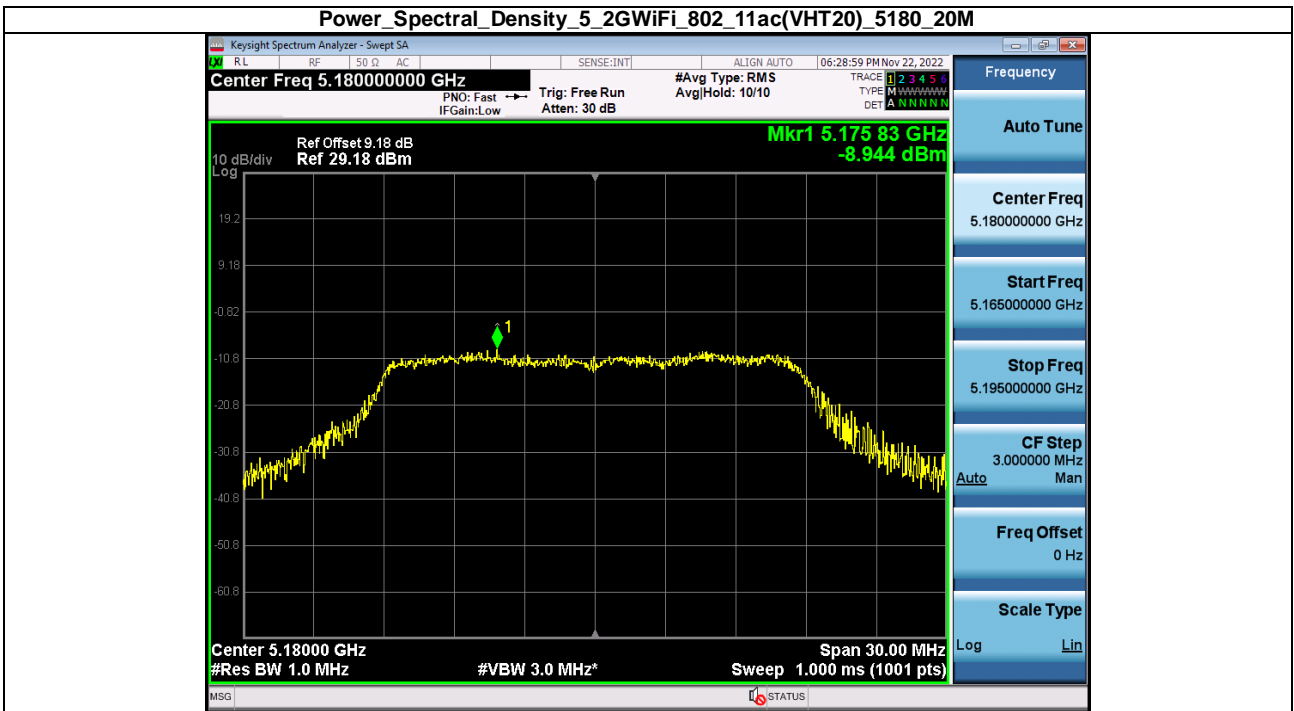
Power Spectral Density 5\_2GWiFi\_802\_11n(HT20)\_5180\_20M



Power Spectral Density\_5\_2GWiFi\_802\_11n(HT20)\_5240\_20M



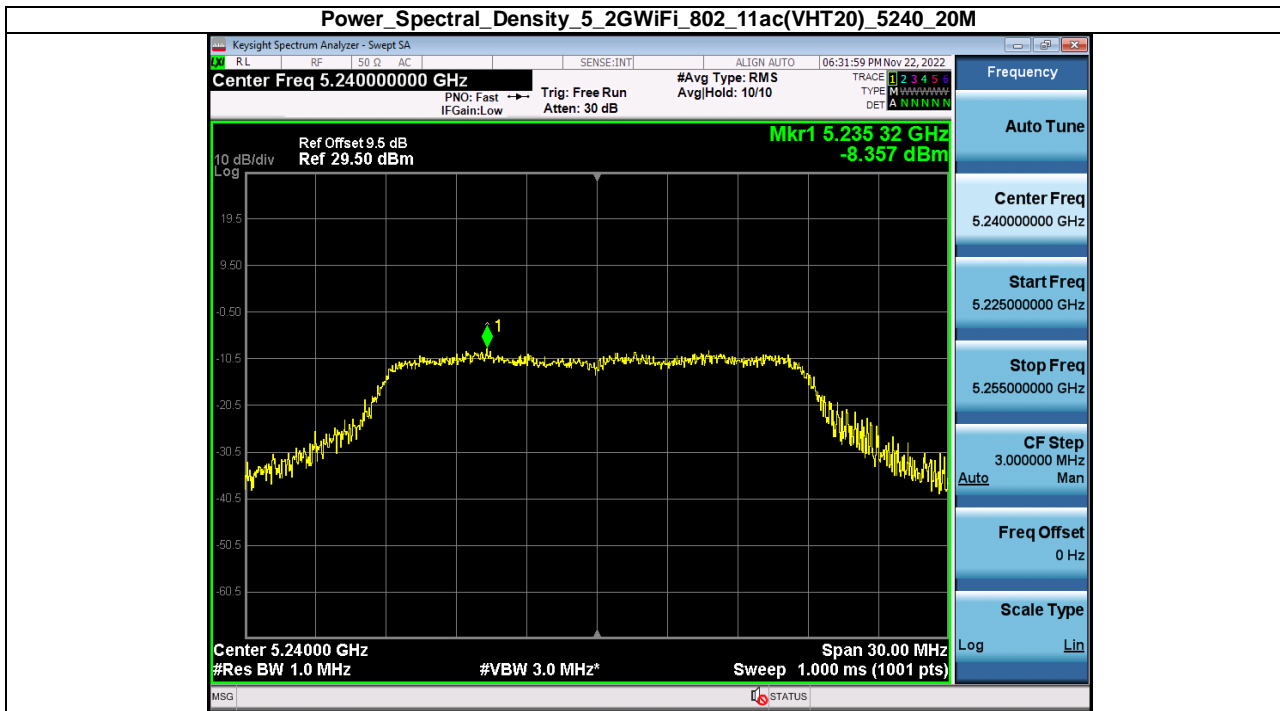
Power\_Spectral\_Density\_5\_2WiFi\_802\_11ac(VHT20)\_5180\_20M



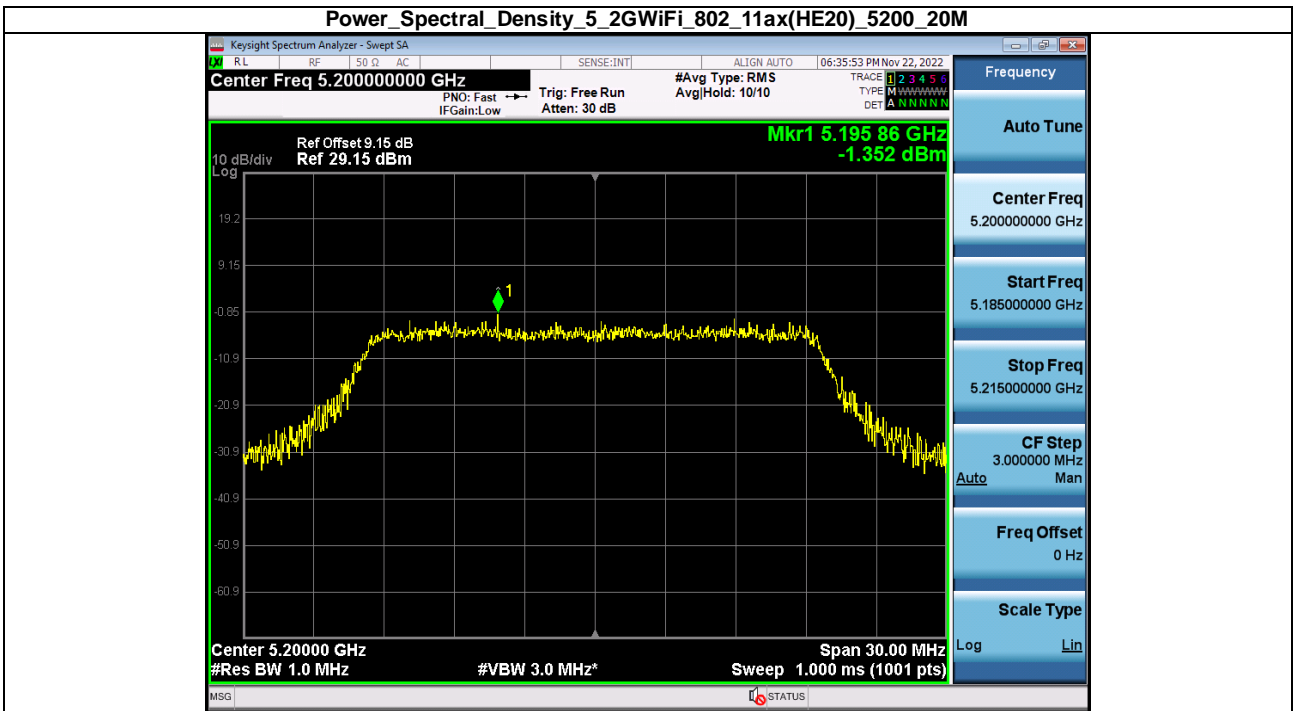
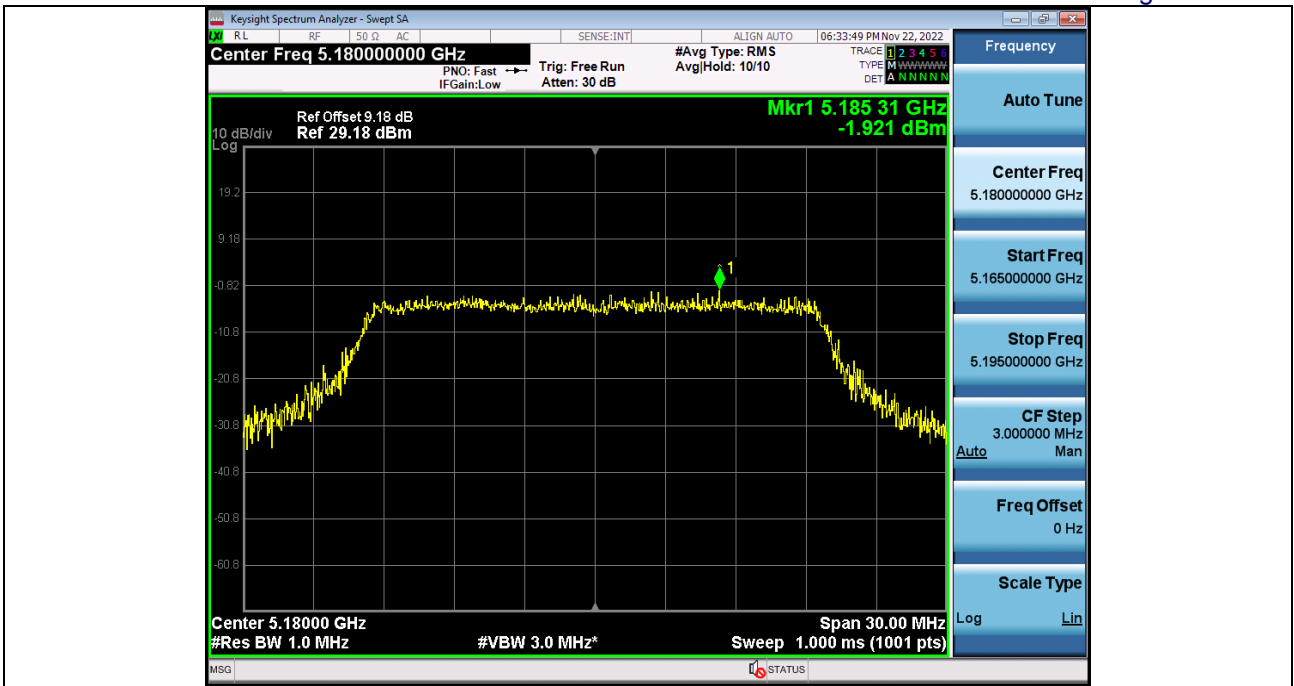
Power\_Spectral\_Density\_5\_2WiFi\_802\_11ac(VHT20)\_5200\_20M



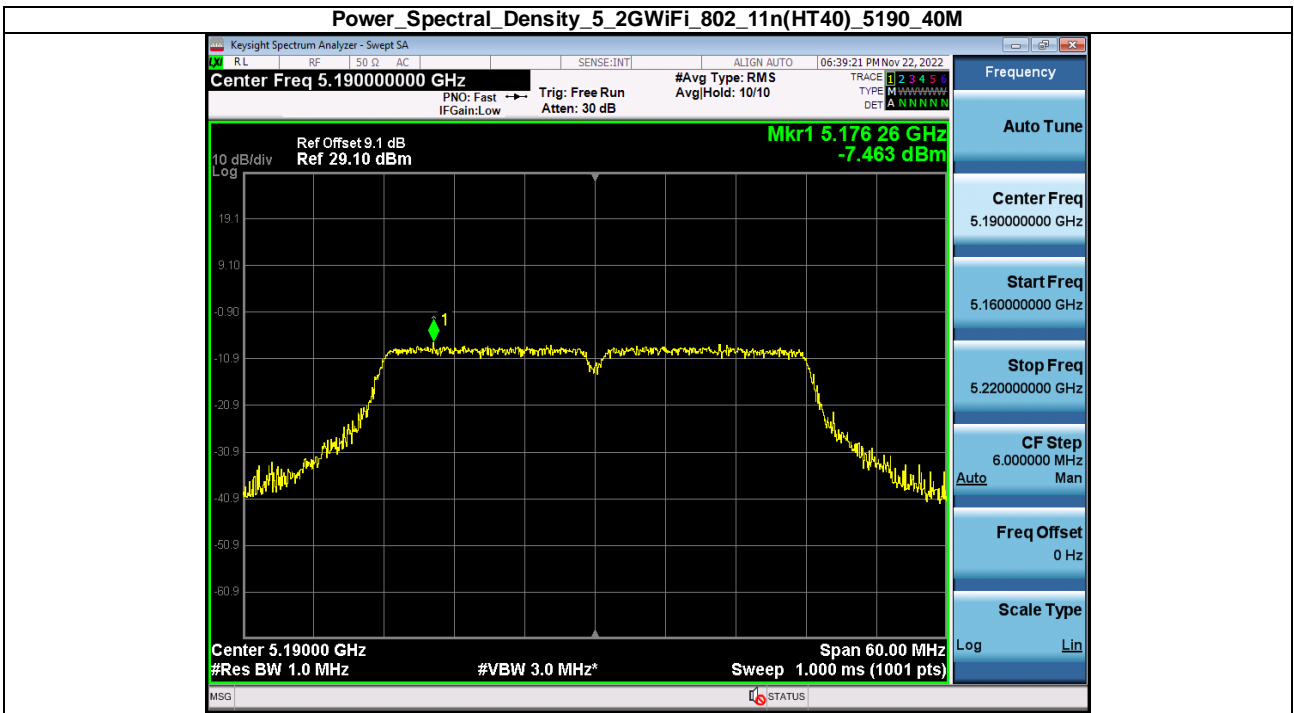
Power Spectral Density\_5\_2GWiFi\_802\_11ac(VHT20)\_5240\_20M



Power Spectral Density\_5\_2GWiFi\_802\_11ax(HE20)\_5180\_20M



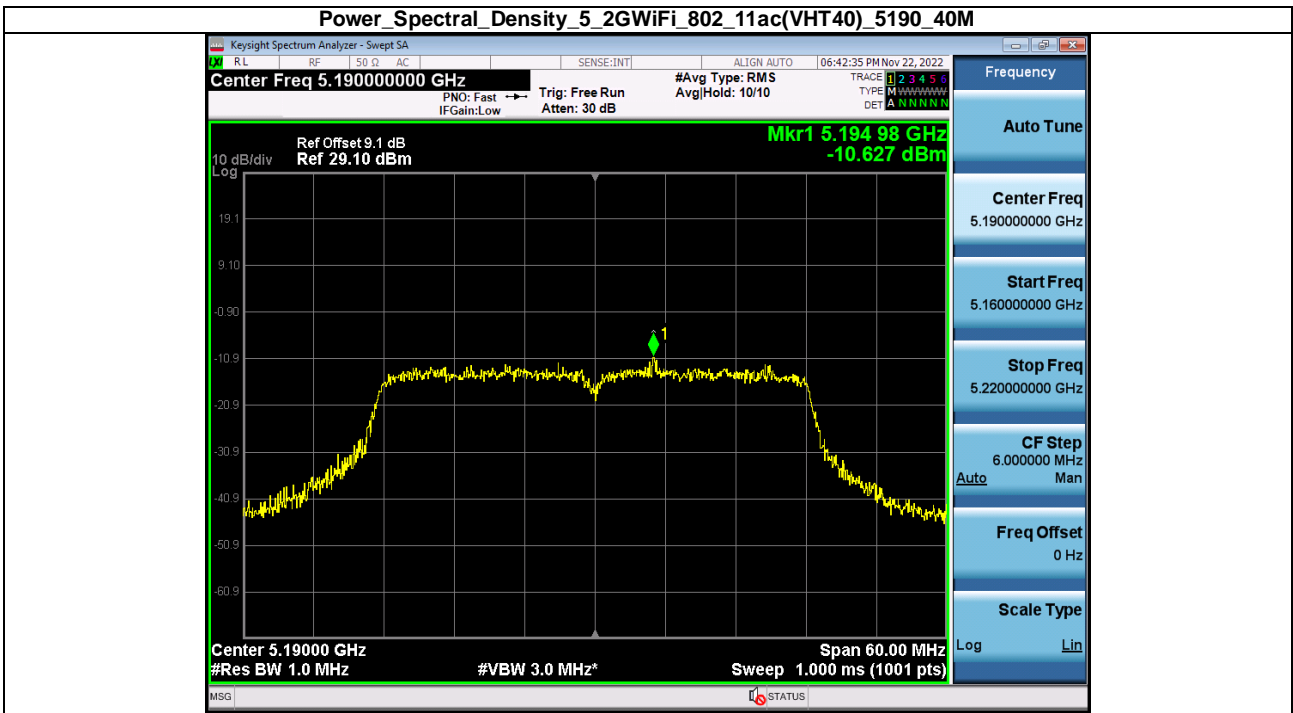
Power Spectral Density\_5\_2GWiFi\_802\_11ax(HE20)\_5240\_20M



Power Spectral Density\_5\_2WiFi\_802\_11n(HT40)\_5230\_40M

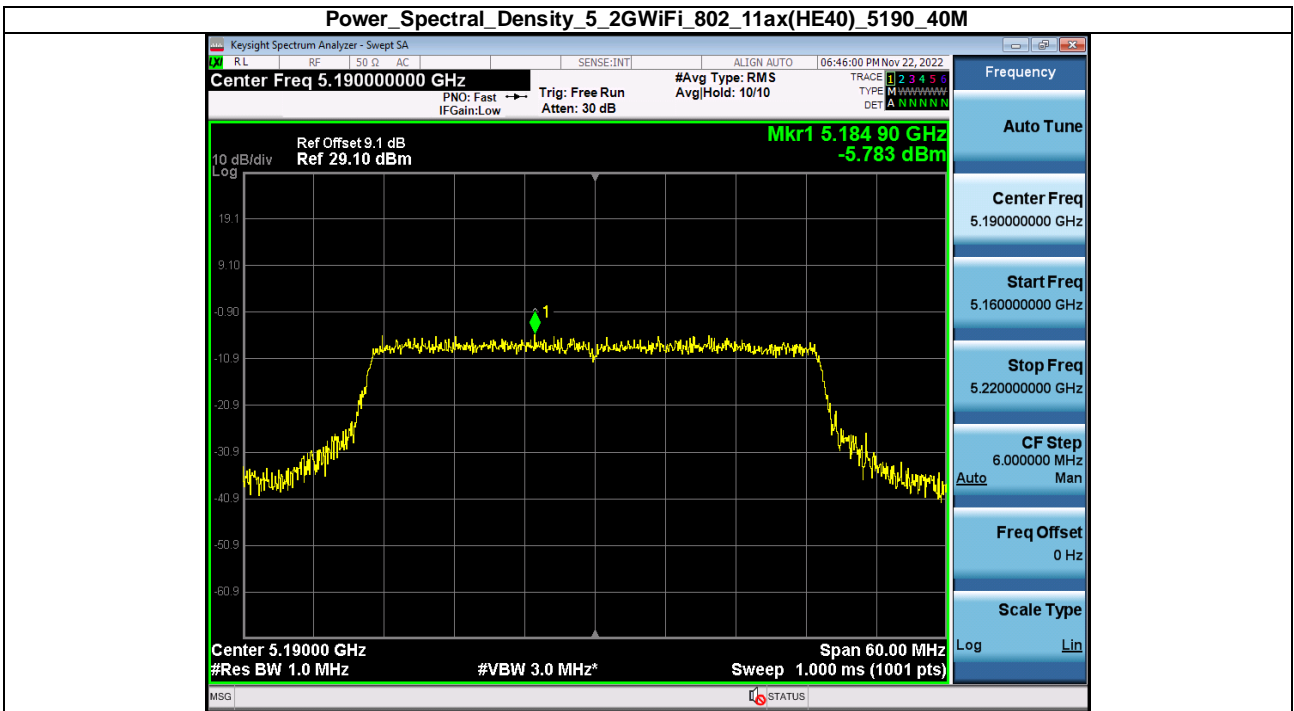


Power\_Spectral\_Density\_5\_2WiFi\_802\_11ac(VHT40)\_5190\_40M

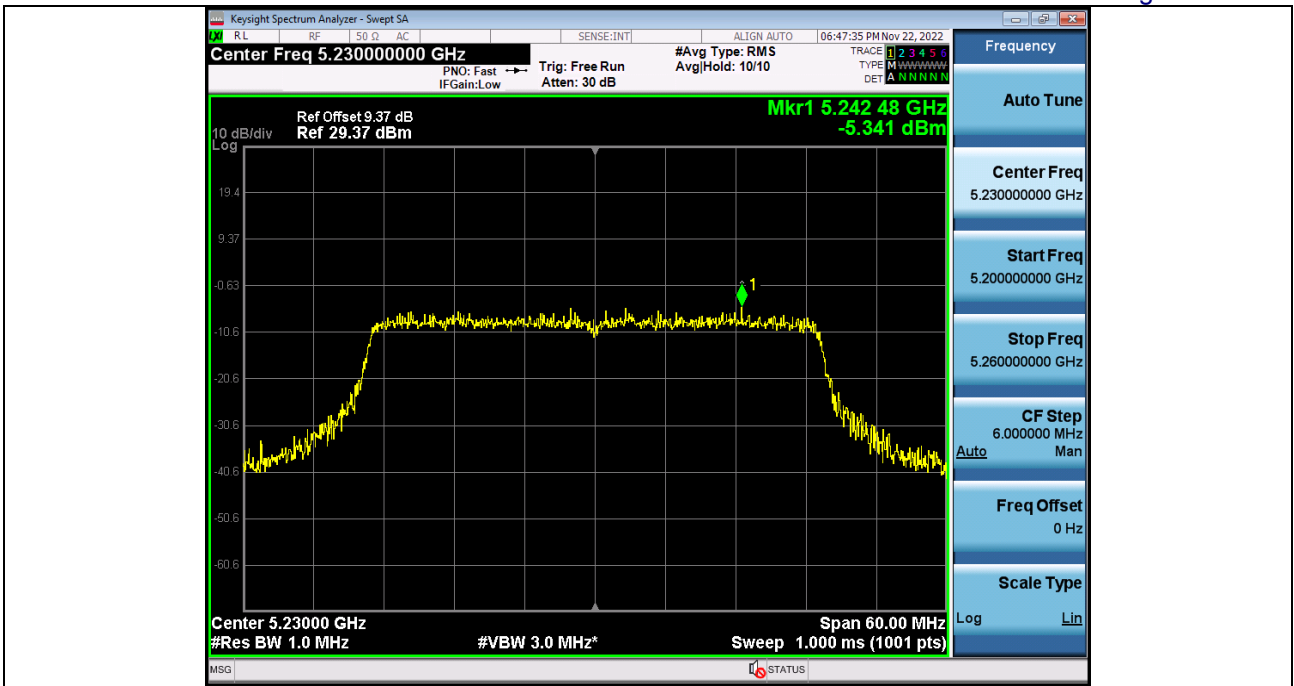


Power\_Spectral\_Density\_5\_2WiFi\_802\_11ac(VHT40)\_5230\_40M

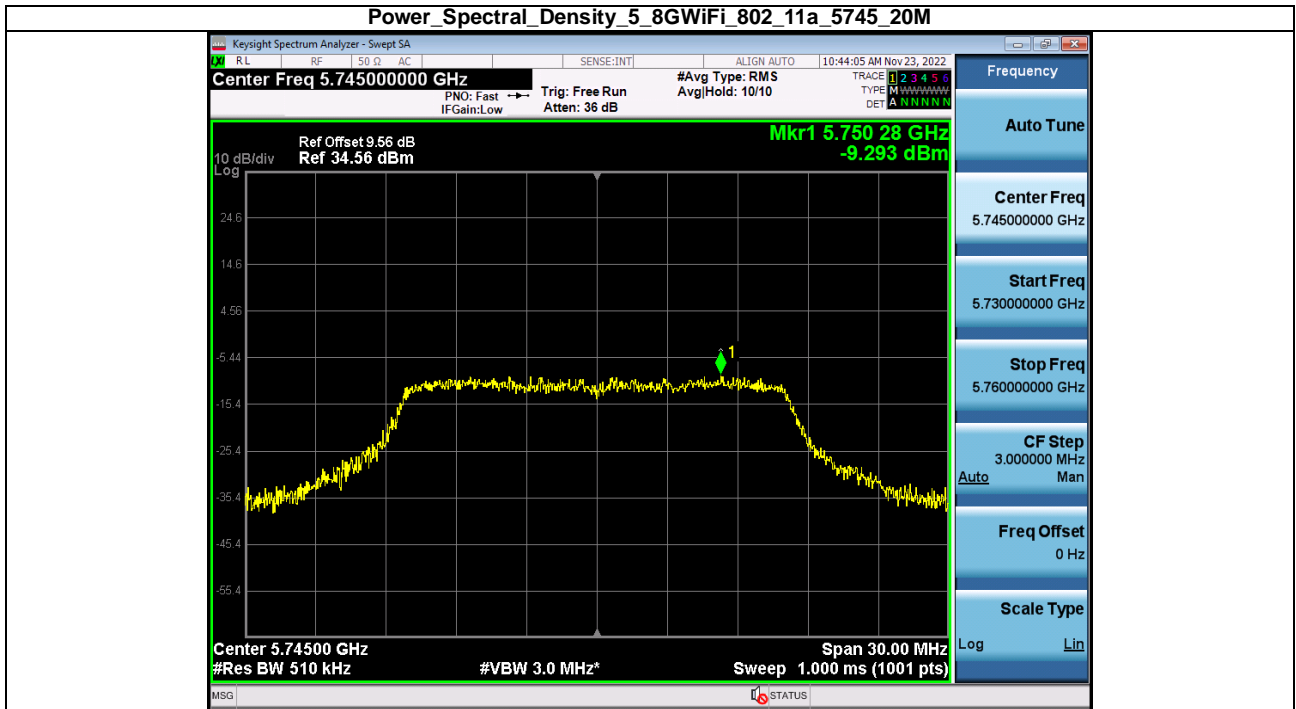




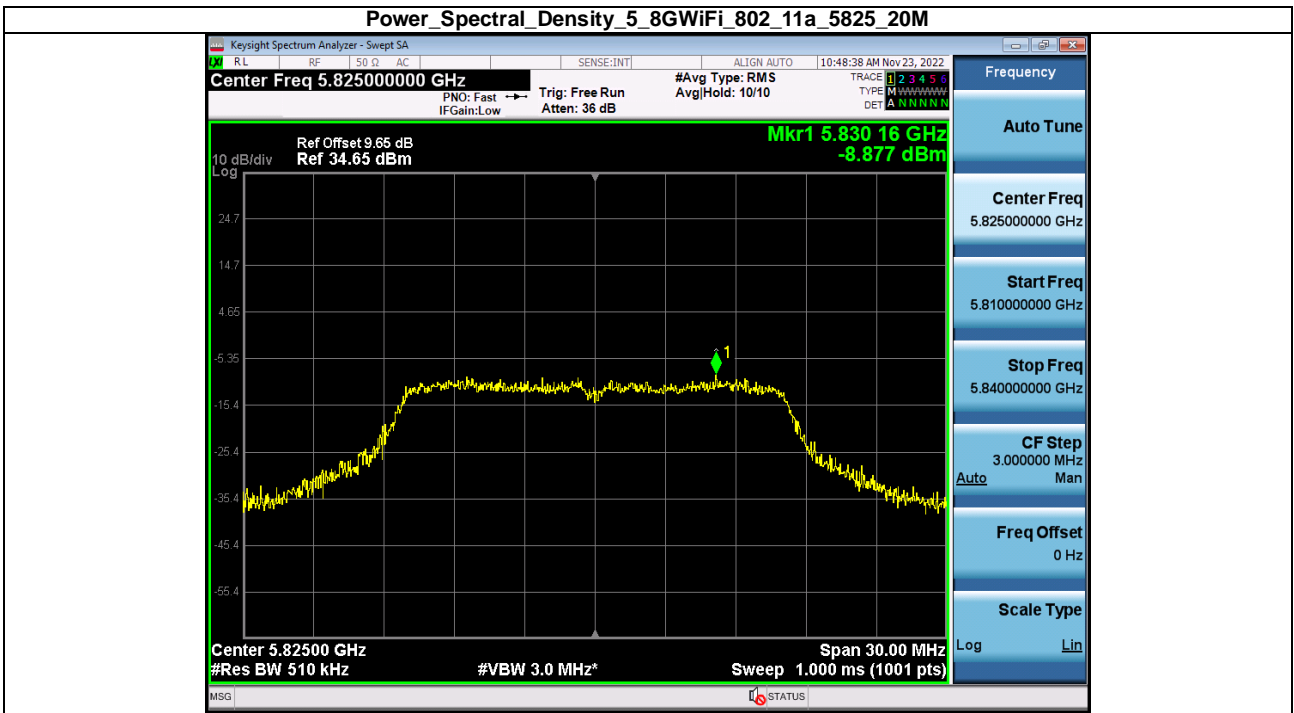
Power Spectral Density\_5\_2GWiFi\_802\_11ax(HE40)\_5230\_40M



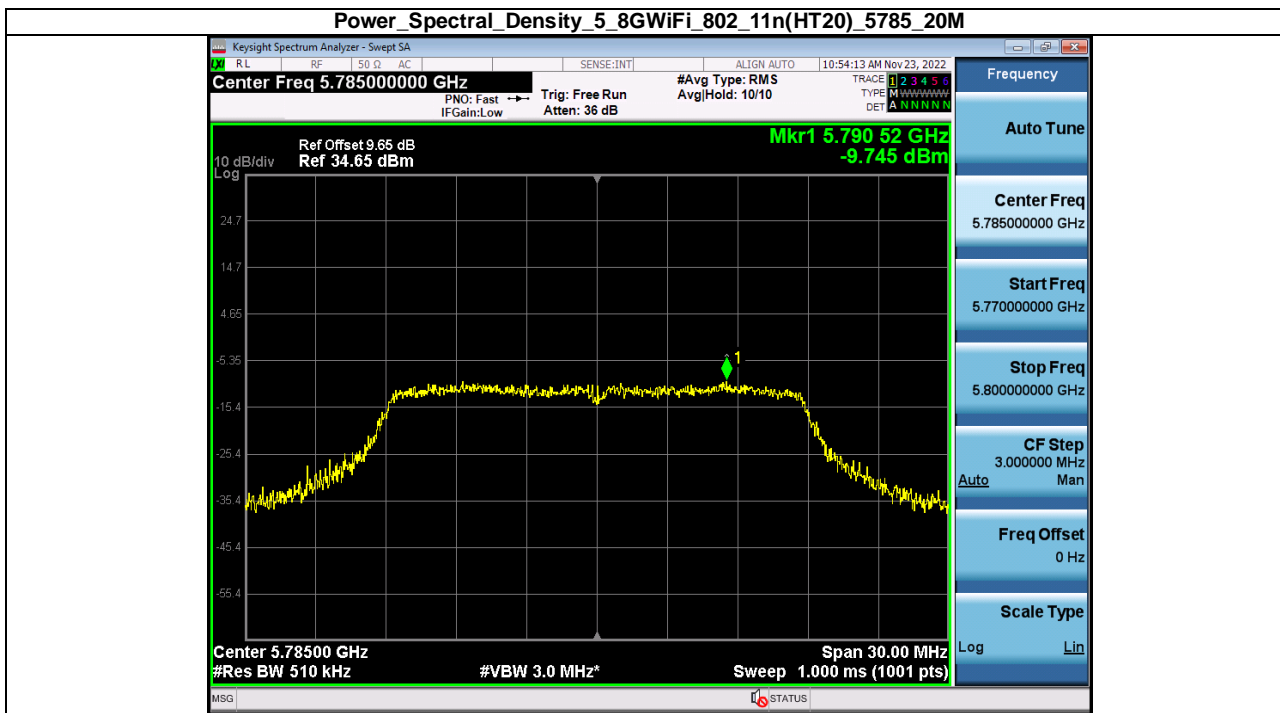
Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA (dBm/510KHz)	PSD (dBm/500KHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	-9.293	-9.379	30	Pass
NVNT	ANT1	802.11a	5785.00	-8.355	-8.441	30	Pass
NVNT	ANT1	802.11a	5825.00	-8.877	-8.963	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	-9.065	-9.151	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	-9.745	-9.831	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-10.243	-10.329	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	-12.097	-12.183	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	-11.661	-11.747	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	-11.918	-12.004	30	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	-8.062	-8.148	30	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	-7.630	-7.716	30	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	-7.929	-8.015	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-13.035	-13.121	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-13.227	-13.313	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-11.666	-11.752	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	-11.253	-11.339	30	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	-7.807	-7.893	30	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	-8.360	-8.446	30	Pass



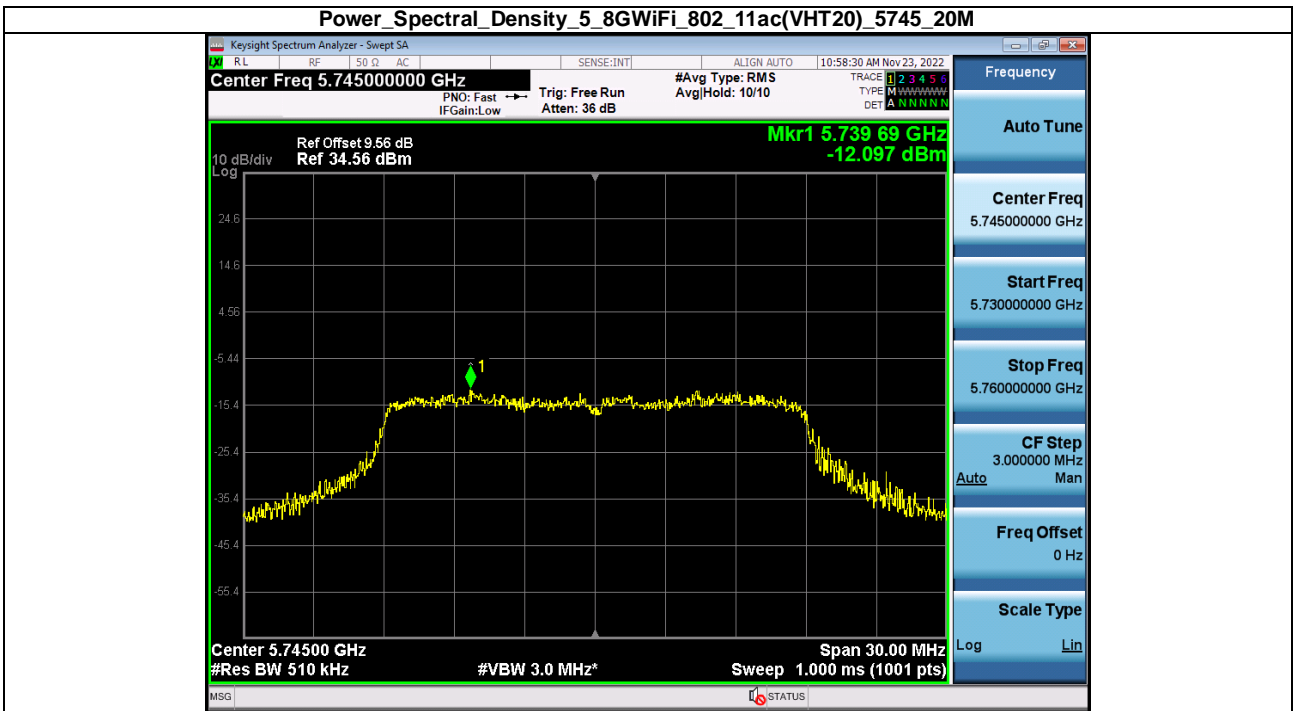
**Power Spectral Density 5.8GHz WiFi 802.11a 5785.20M**



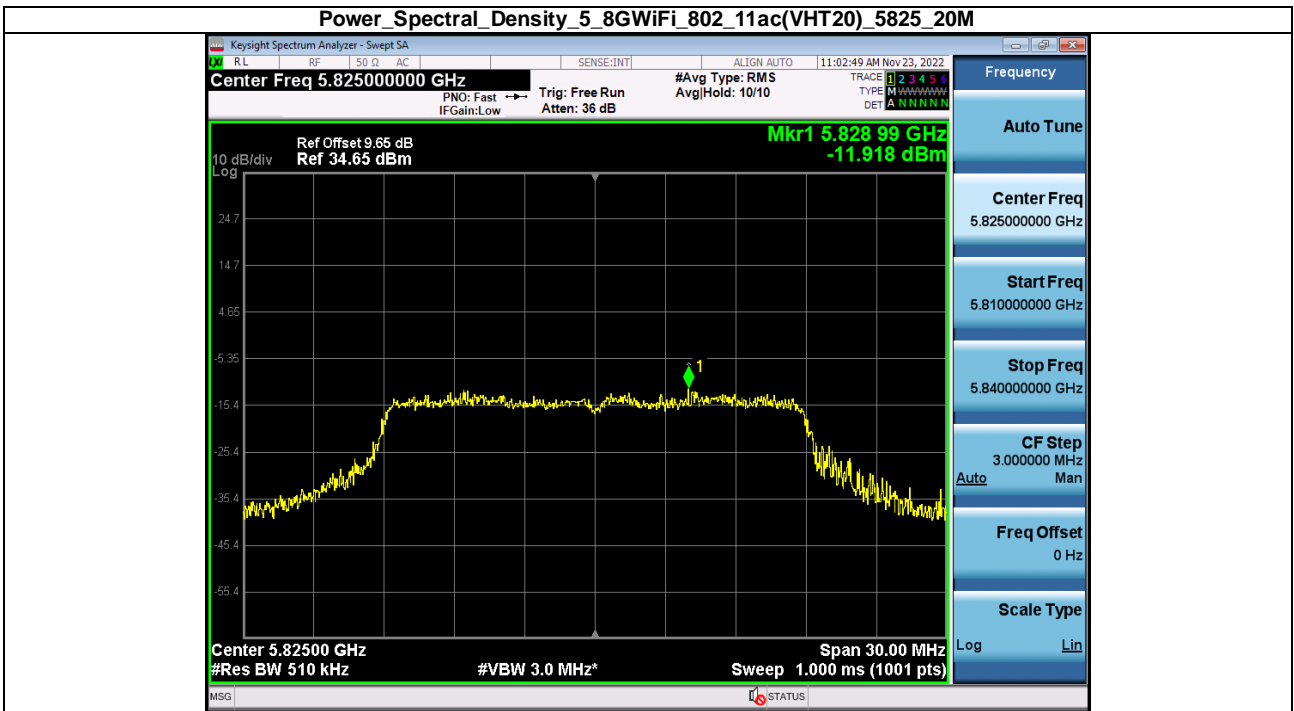
Power\_Spectral\_Density\_5\_8WiFi\_802\_11n(HT20)\_5745\_20M



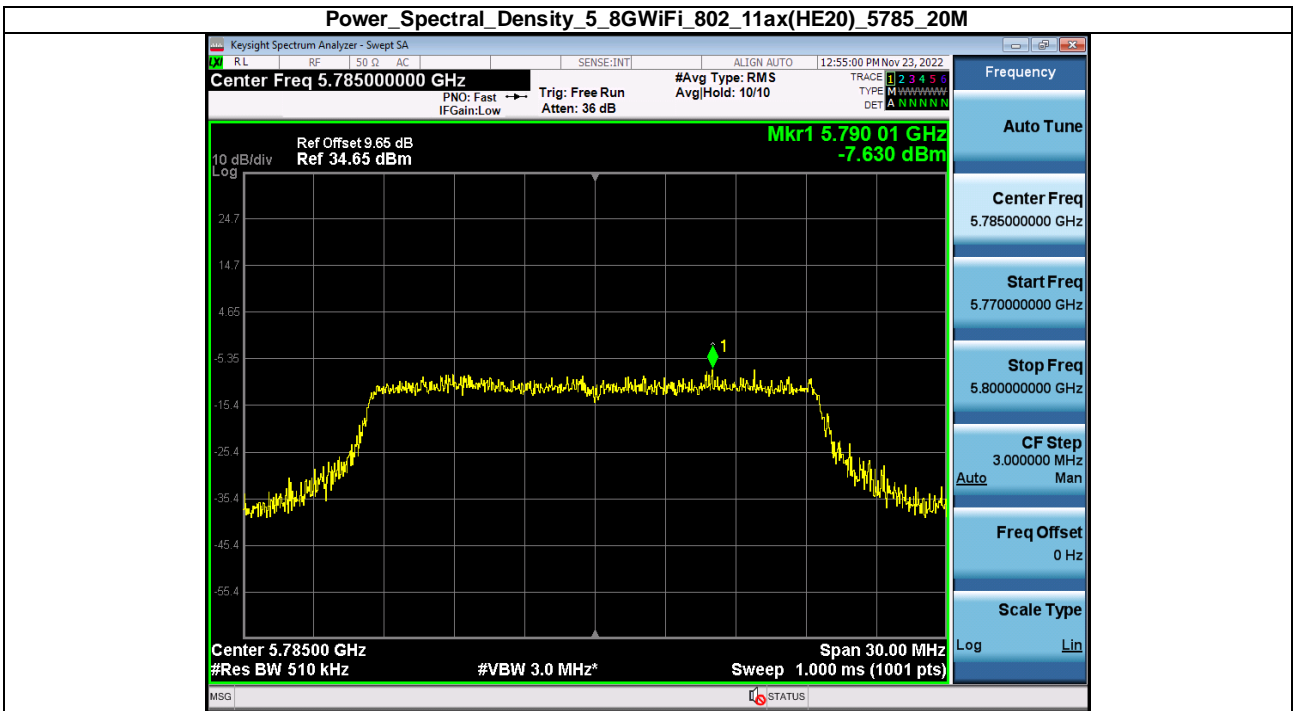
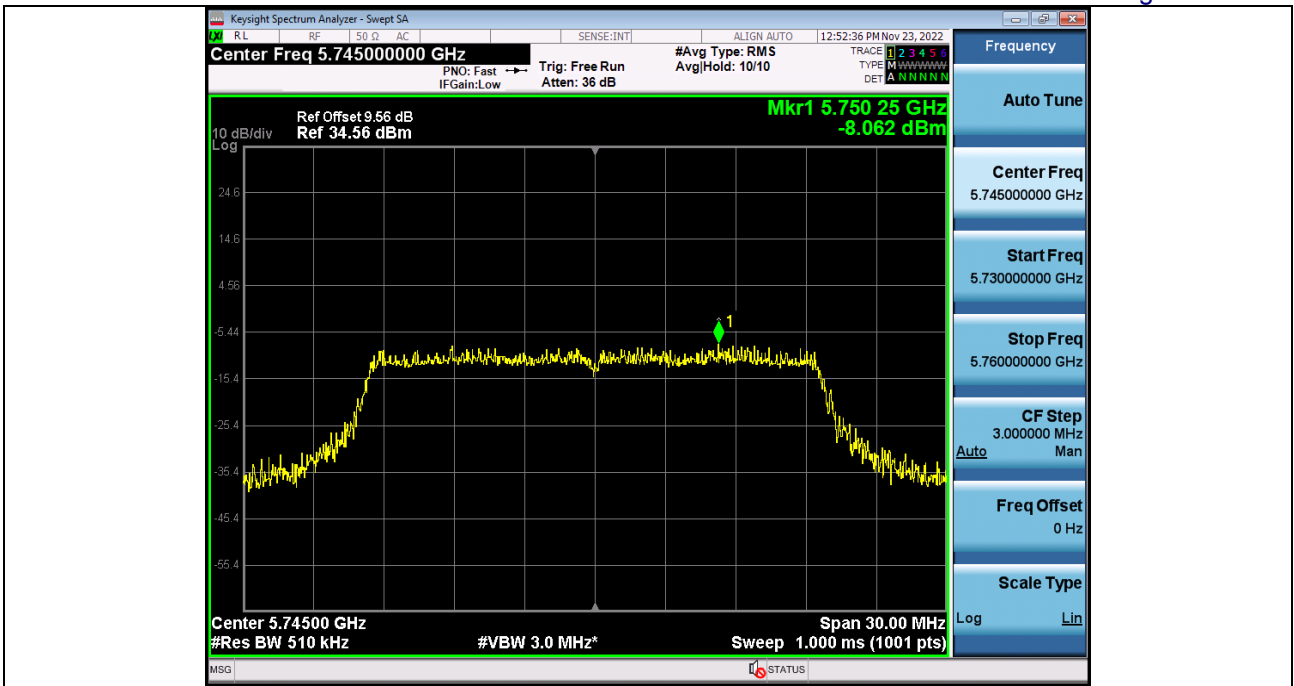
Power Spectral Density\_5\_8WiFi\_802\_11n(HT20)\_5825\_20M



Power Spectral Density 5\_8WiFi\_802\_11ac(VHT20)\_5785\_20M

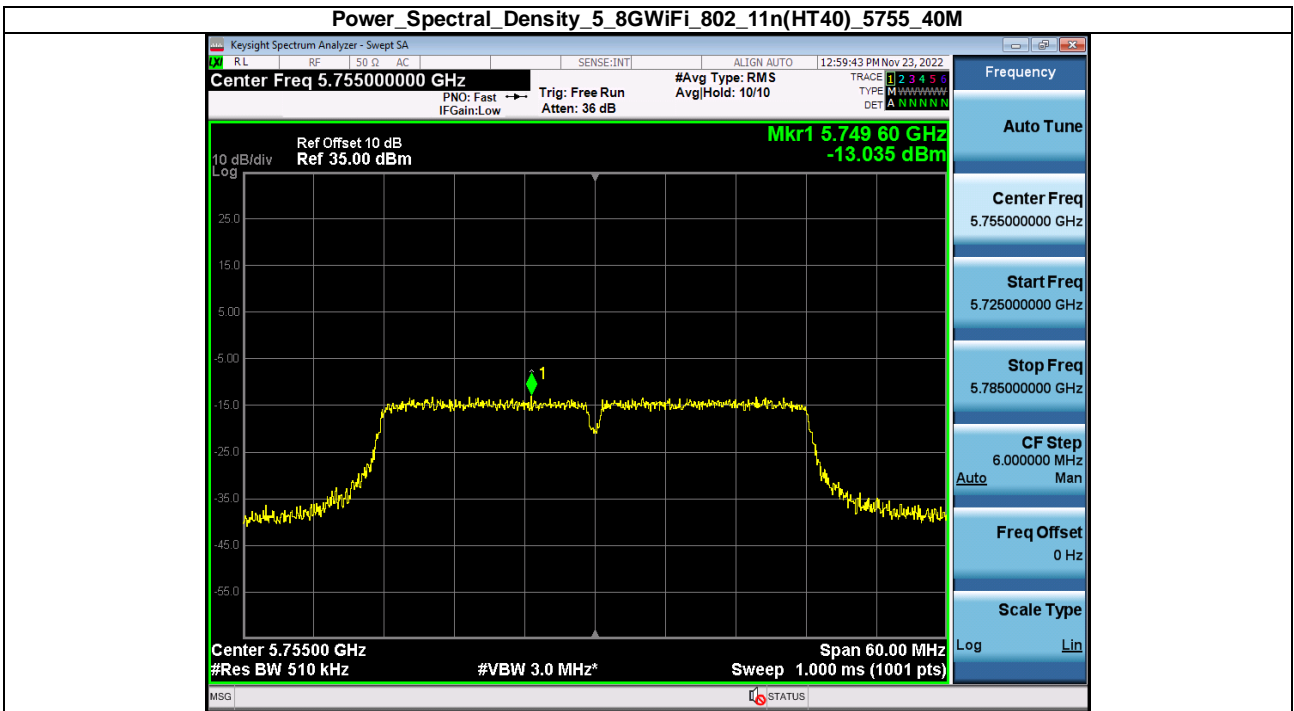
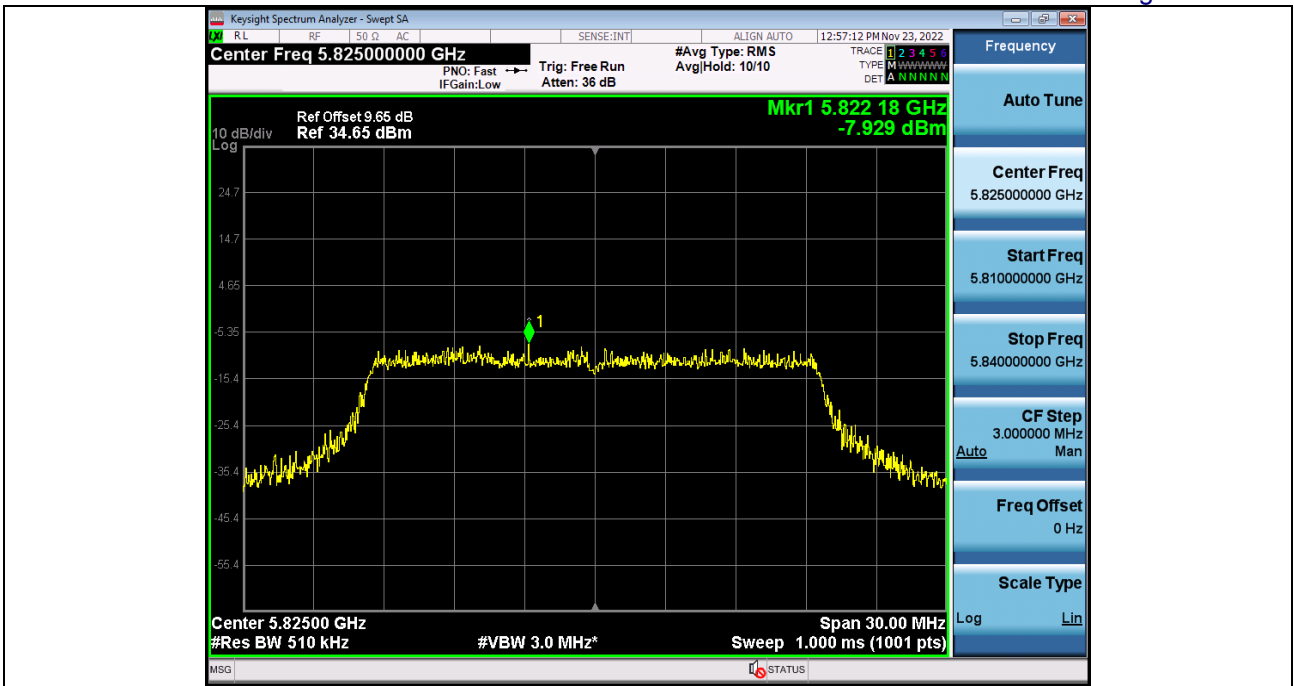


Power Spectral Density 5\_8WiFi\_802\_11ax(HE20)\_5745\_20M

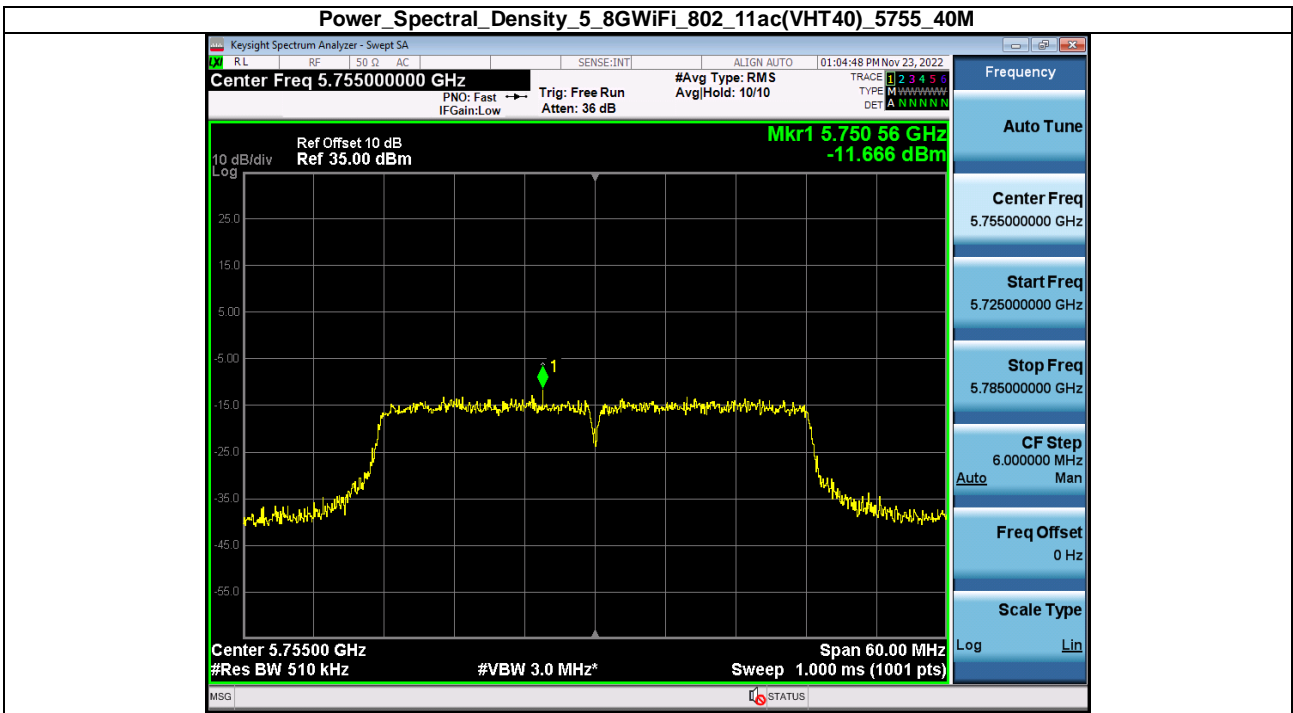
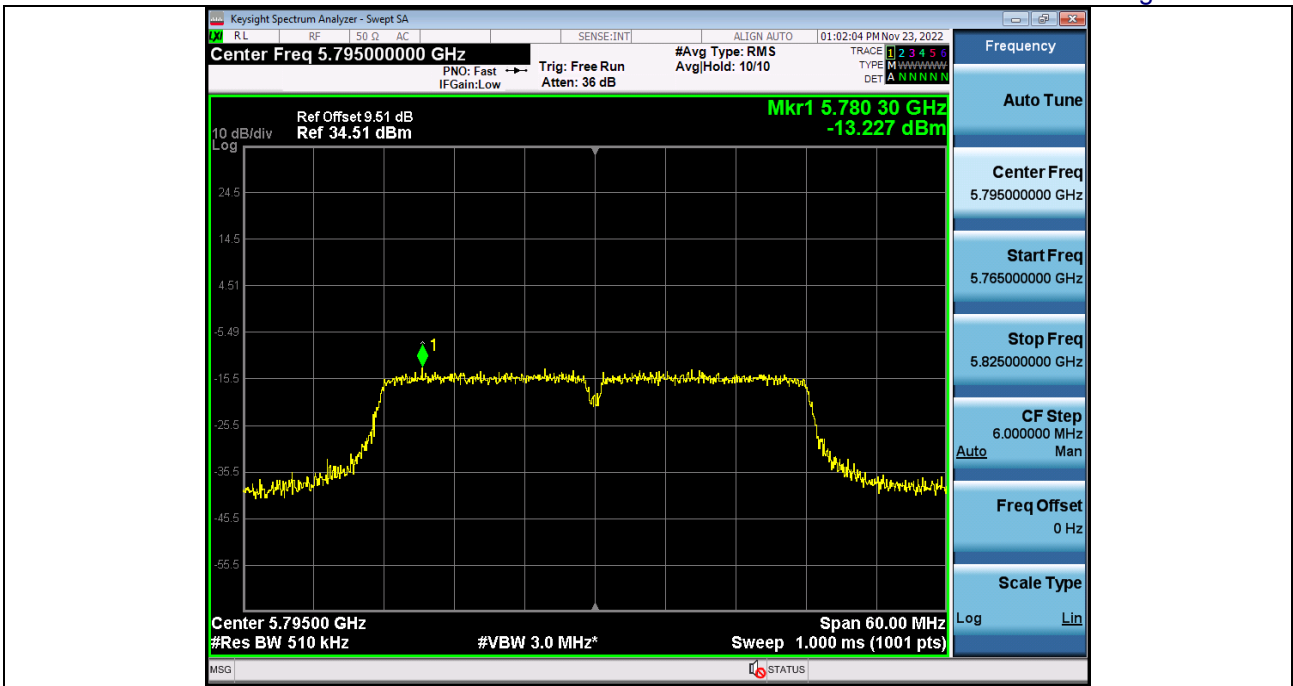


Power Spectral Density\_5\_8WiFi\_802\_11ax(HE20)\_5825\_20M

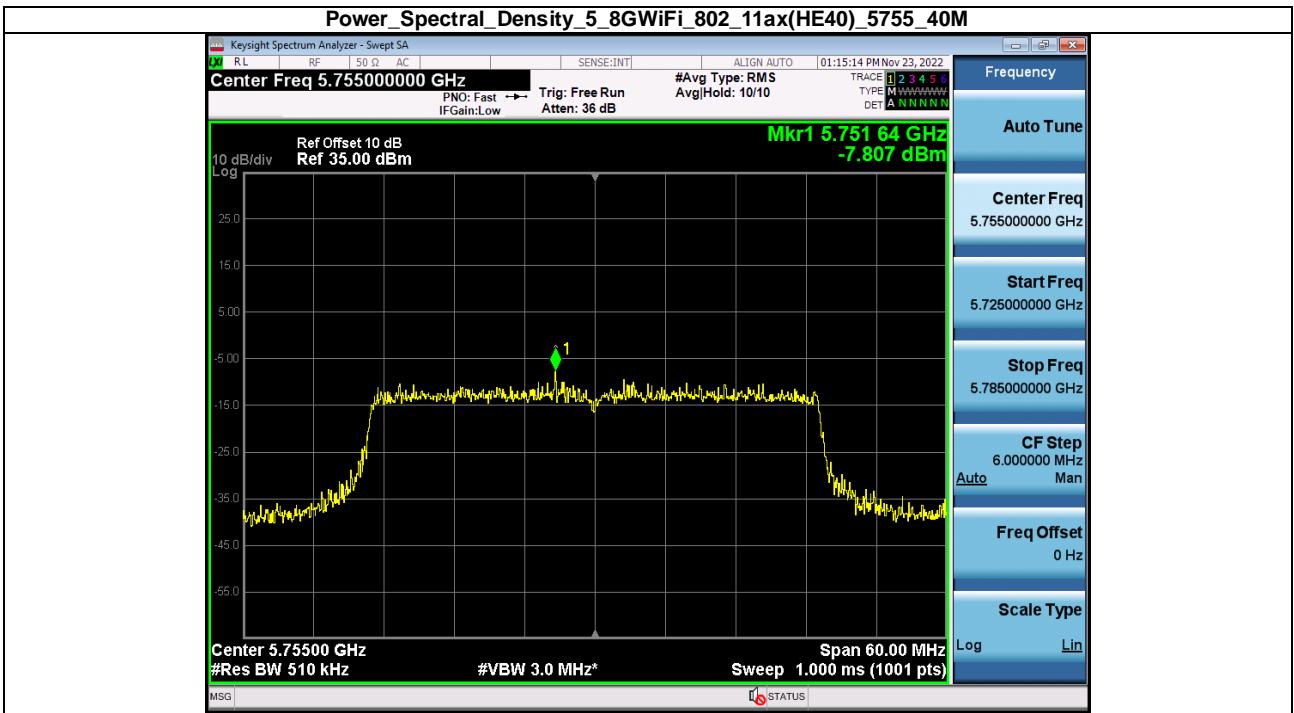
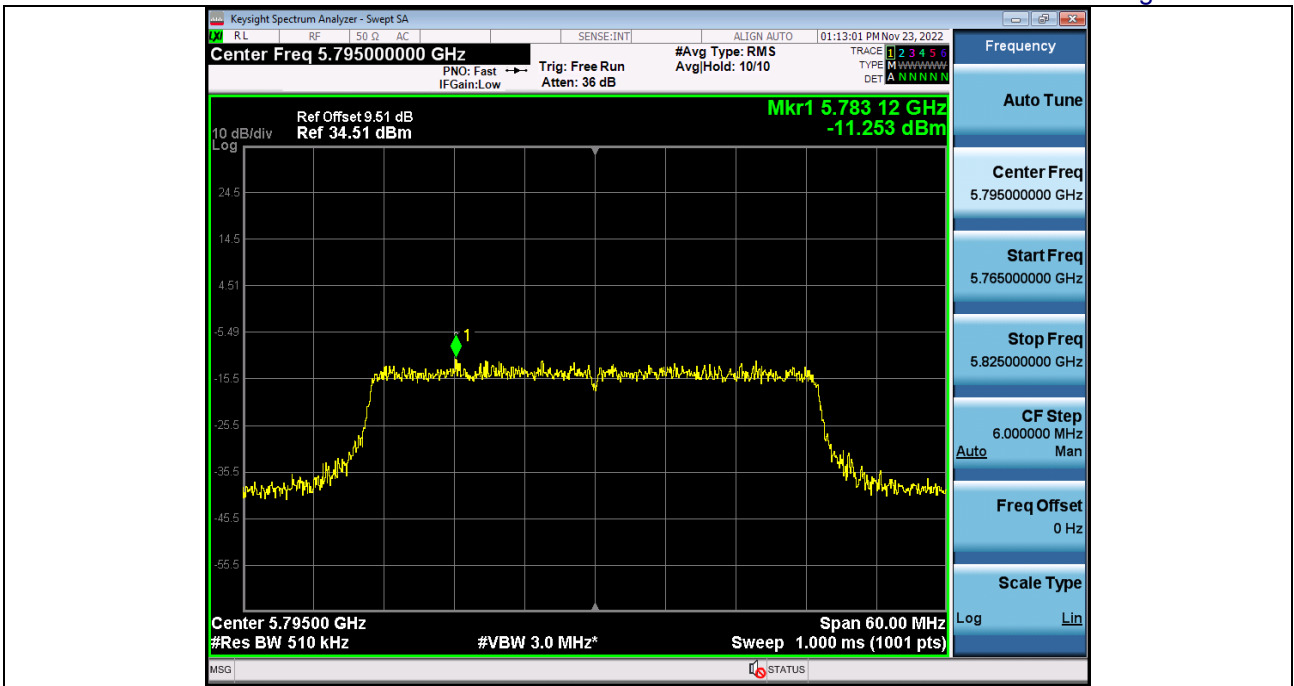




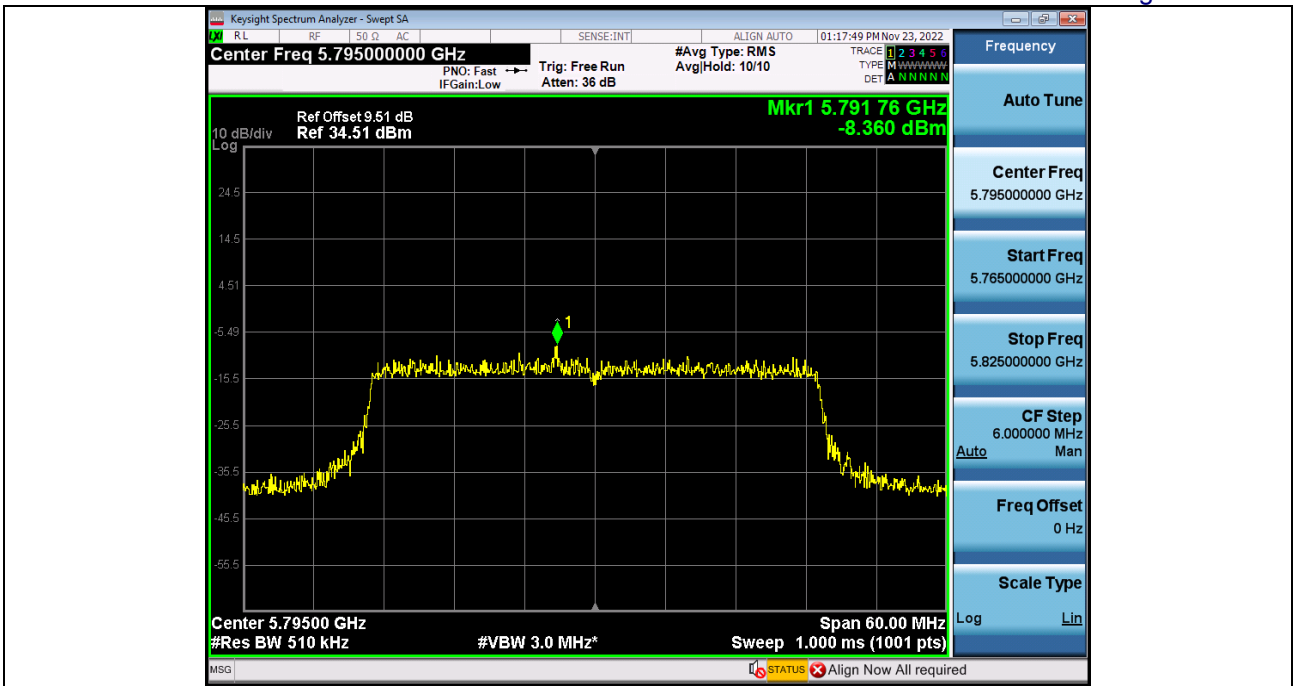
Power Spectral Density\_5\_8WiFi\_802\_11n(HT40)\_5795\_40M



Power Spectral Density 5\_8WiFi\_802\_11ac(VHT40)\_5795\_40M



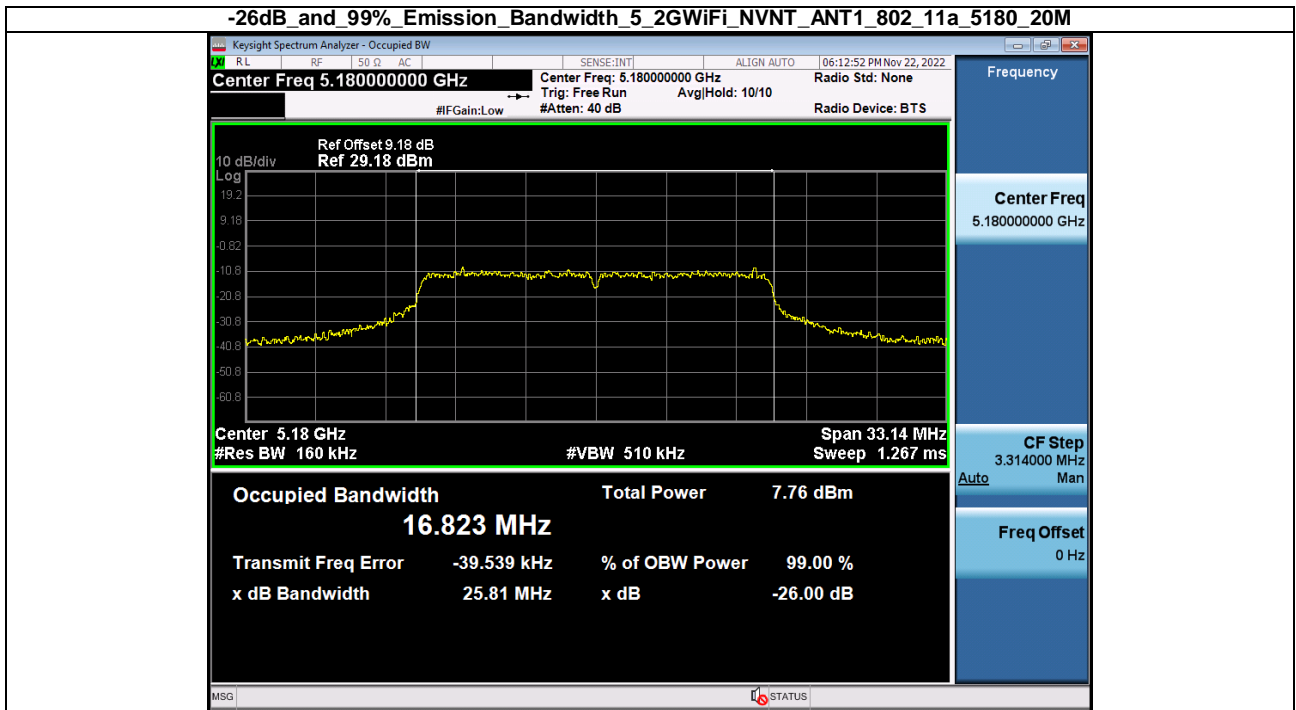
Power Spectral Density\_5\_8WiFi\_802\_11ax(HE40)\_5795\_40M



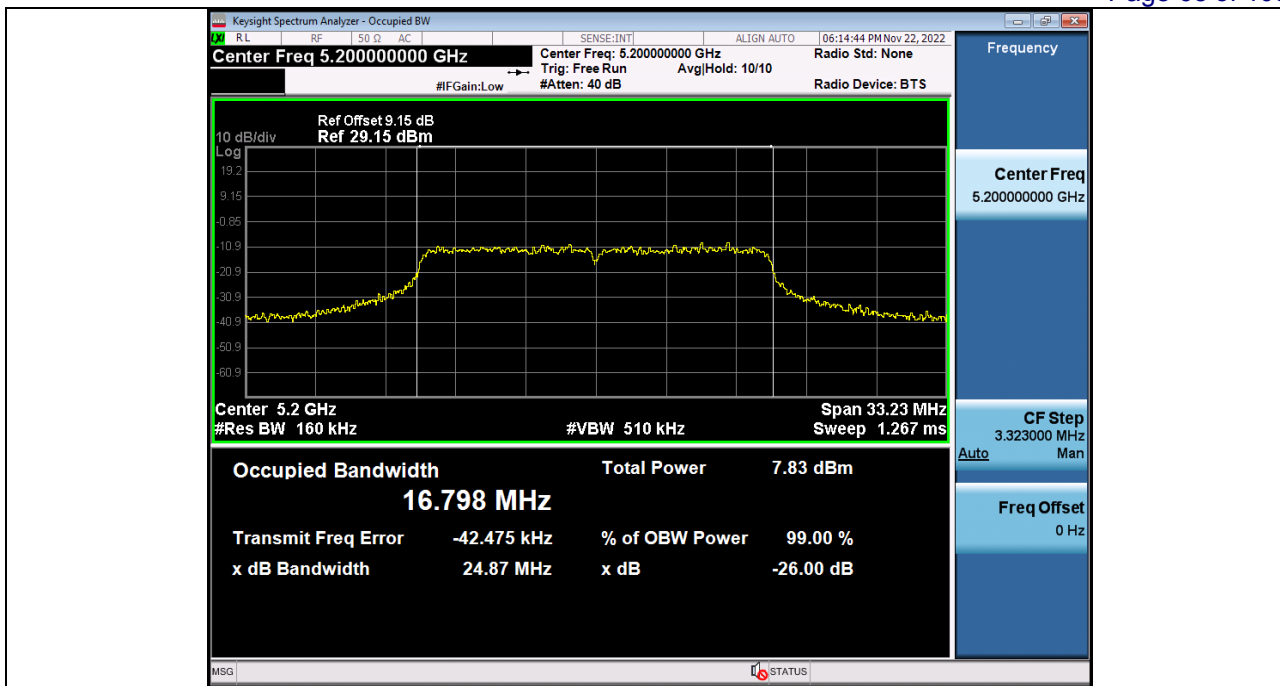
-26 DB EMISSION BANDWIDTH

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5180.00	25.81	16.82
NVNT	ANT1	802.11a	5200.00	24.87	16.80
NVNT	ANT1	802.11a	5240.00	24.51	16.83
NVNT	ANT1	802.11n(HT20)	5180.00	27.08	18.12
NVNT	ANT1	802.11n(HT20)	5200.00	29.26	18.09
NVNT	ANT1	802.11n(HT20)	5240.00	28.42	18.09
NVNT	ANT1	802.11ac(VHT20)	5180.00	36.39	18.77
NVNT	ANT1	802.11ac(VHT20)	5200.00	35.80	18.51
NVNT	ANT1	802.11ac(VHT20)	5240.00	35.71	18.63
NVNT	ANT1	802.11ax(HE20)	5180.00	25.74	19.27
NVNT	ANT1	802.11ax(HE20)	5200.00	28.88	19.31
NVNT	ANT1	802.11ax(HE20)	5240.00	26.06	19.23
NVNT	ANT1	802.11n(HT40)	5190.00	37.48	36.97
NVNT	ANT1	802.11n(HT40)	5230.00	37.97	37.02
NVNT	ANT1	802.11ac(VHT40)	5190.00	38.25	37.50
NVNT	ANT1	802.11ac(VHT40)	5230.00	38.60	37.51
NVNT	ANT1	802.11ax(HE40)	5190.00	42.76	38.14
NVNT	ANT1	802.11ax(HE40)	5230.00	42.89	38.11

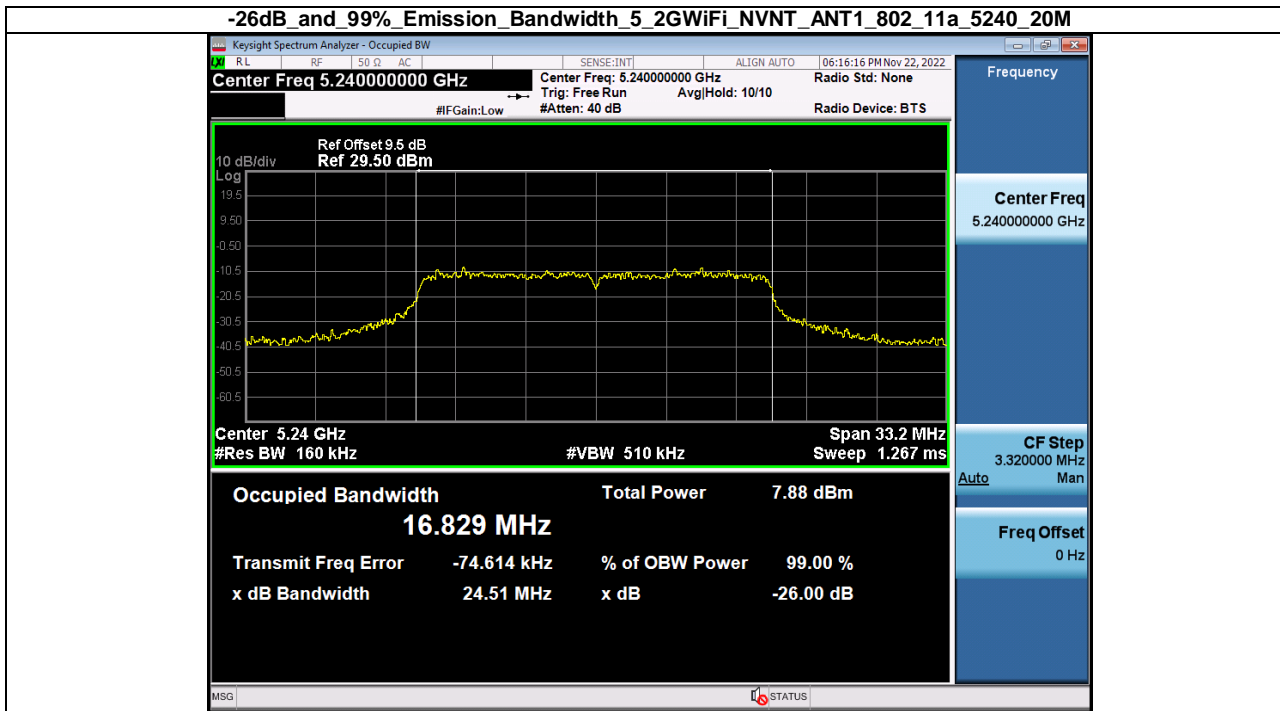
-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11a\_5180\_20M



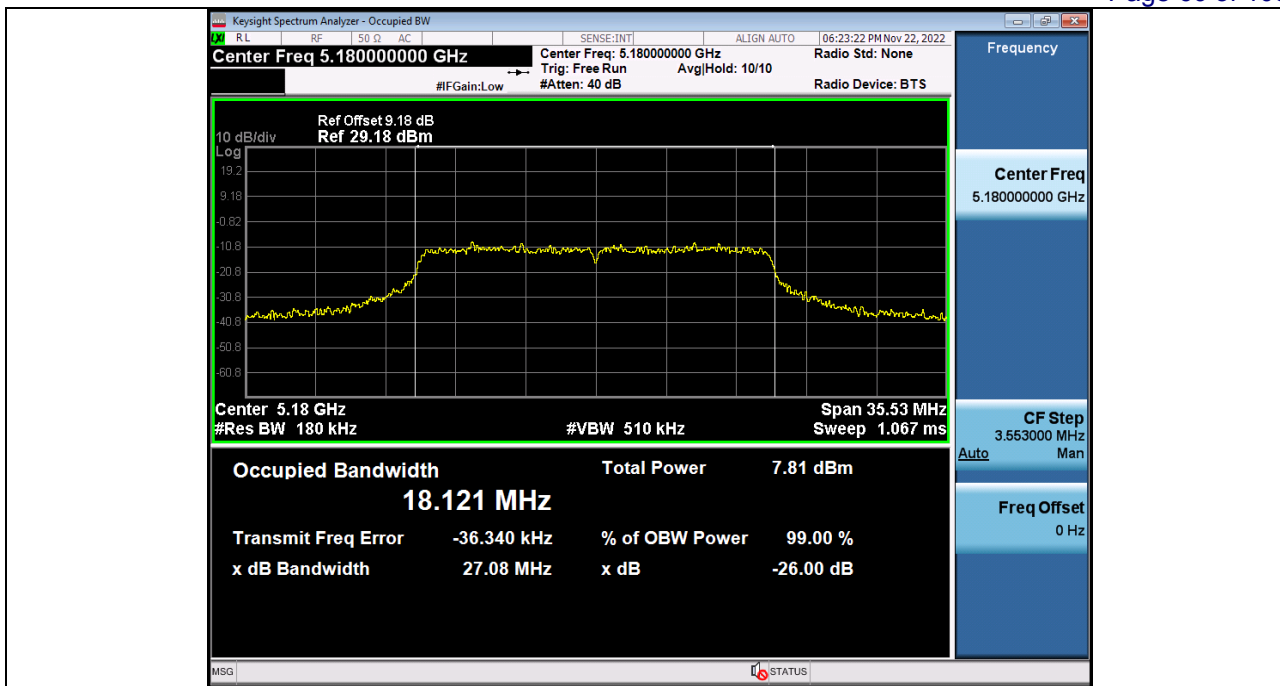
-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11a\_5200\_20M



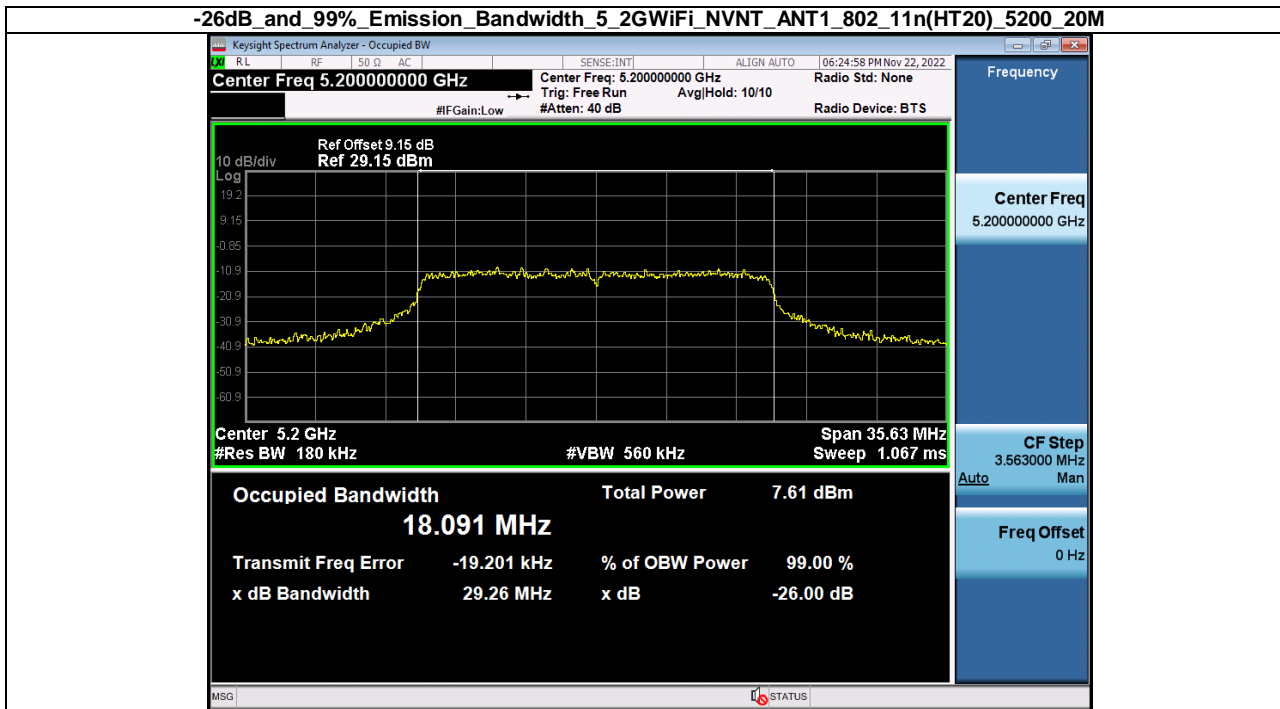
**-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11a\_5240\_20M**



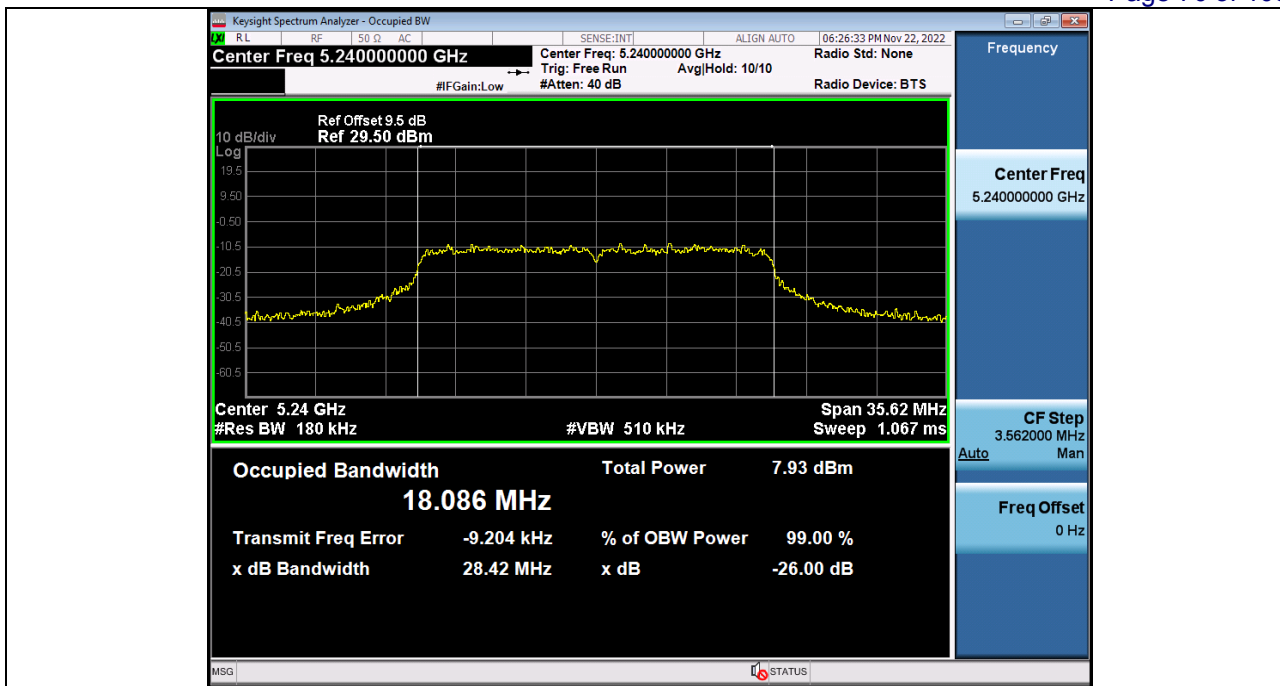
**-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11n(HT20)\_5180\_20M**



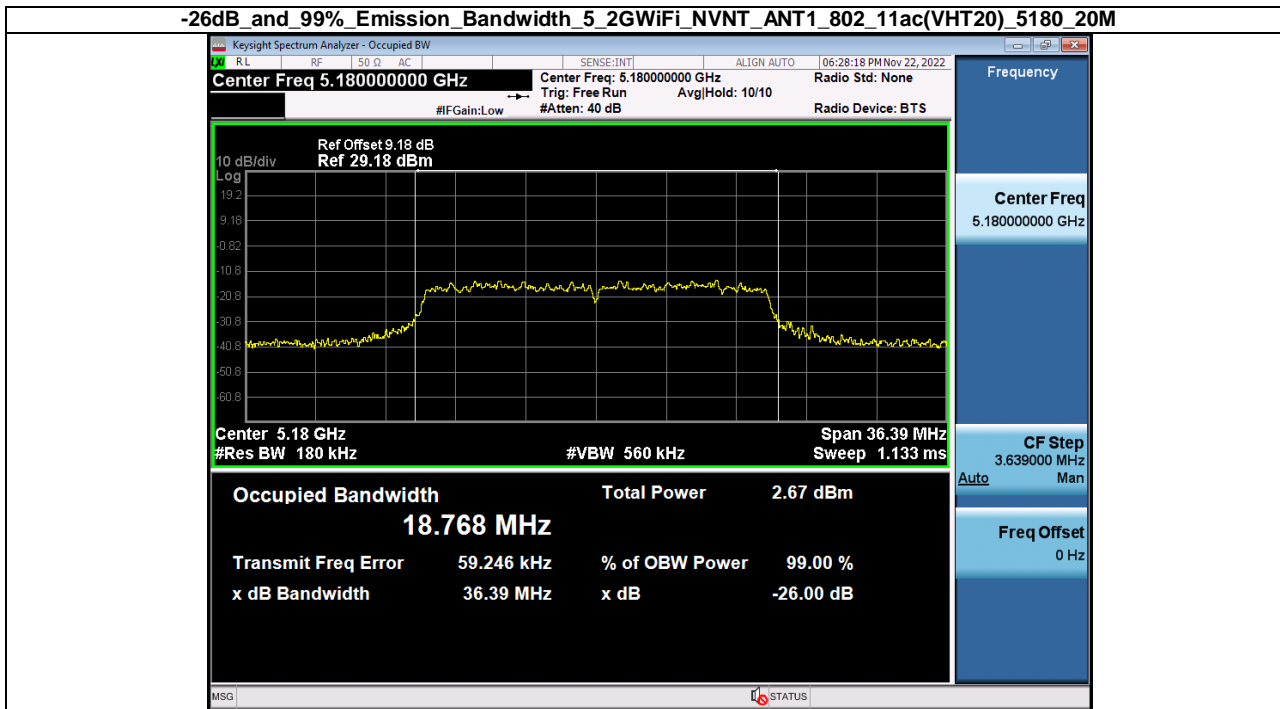
-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11n(HT20)\_5200\_20M



-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11n(HT20)\_5240\_20M

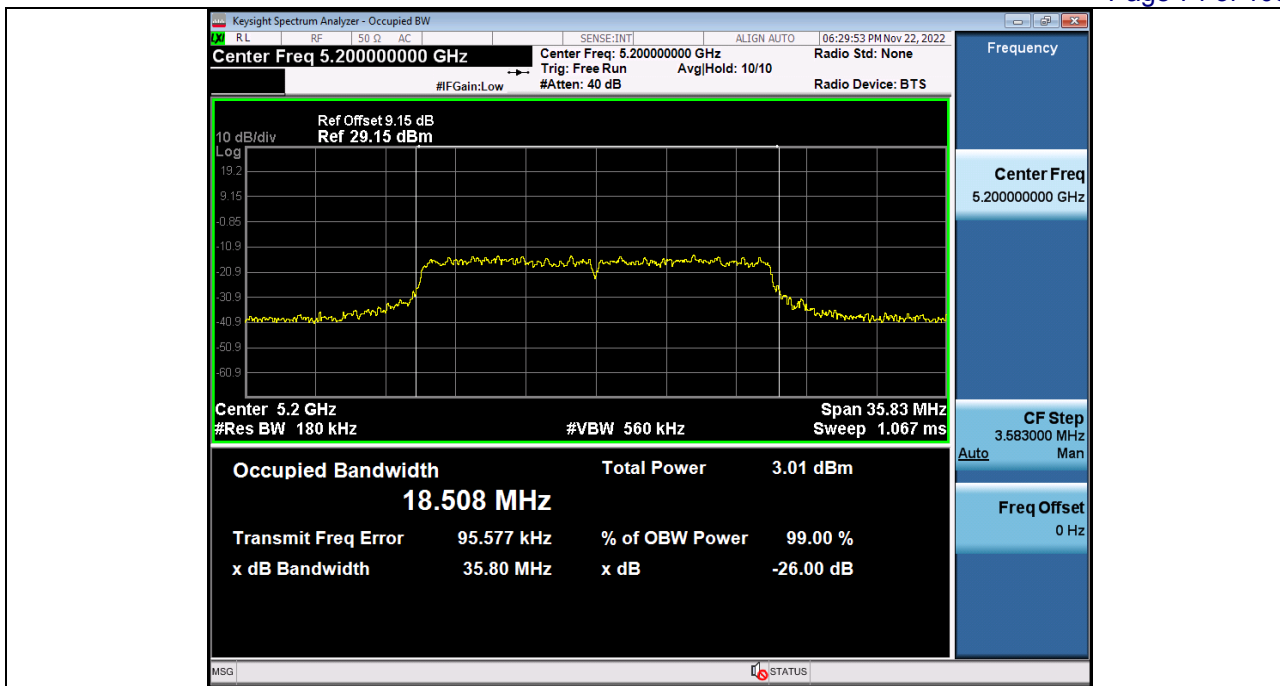


-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11ac(VHT20)\_5180\_20M

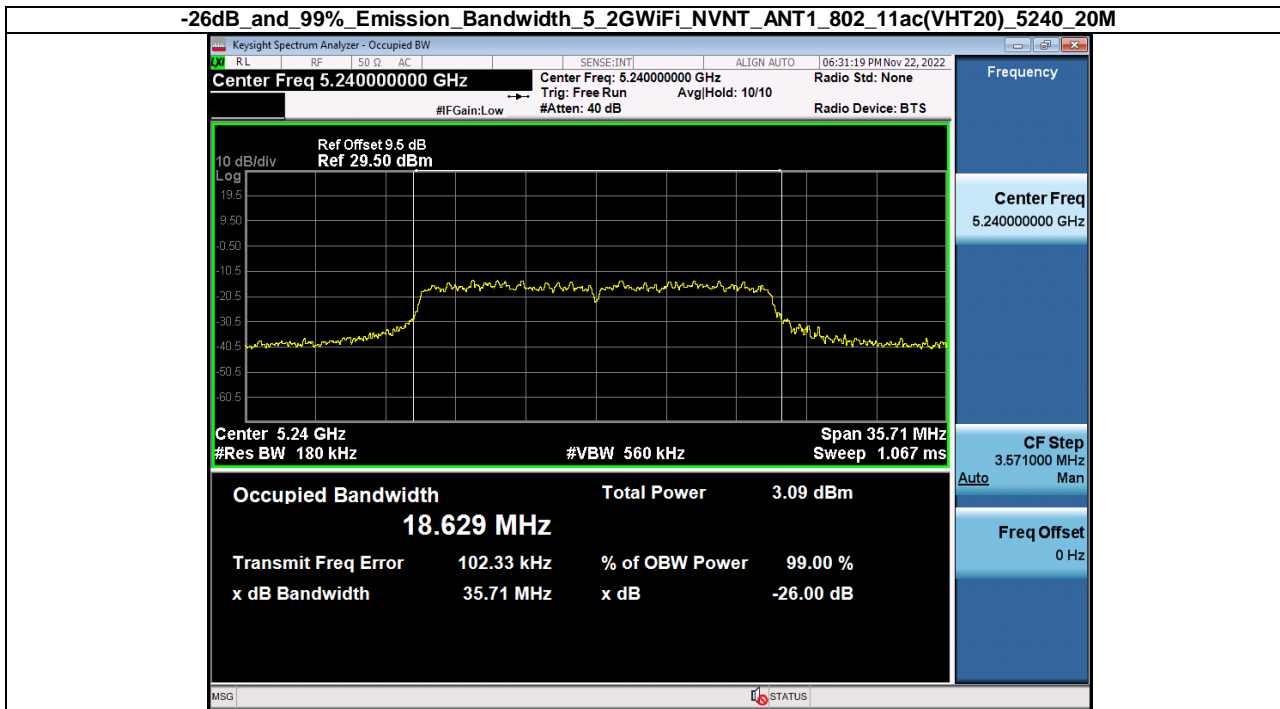


-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11ac(VHT20)\_5200\_20M

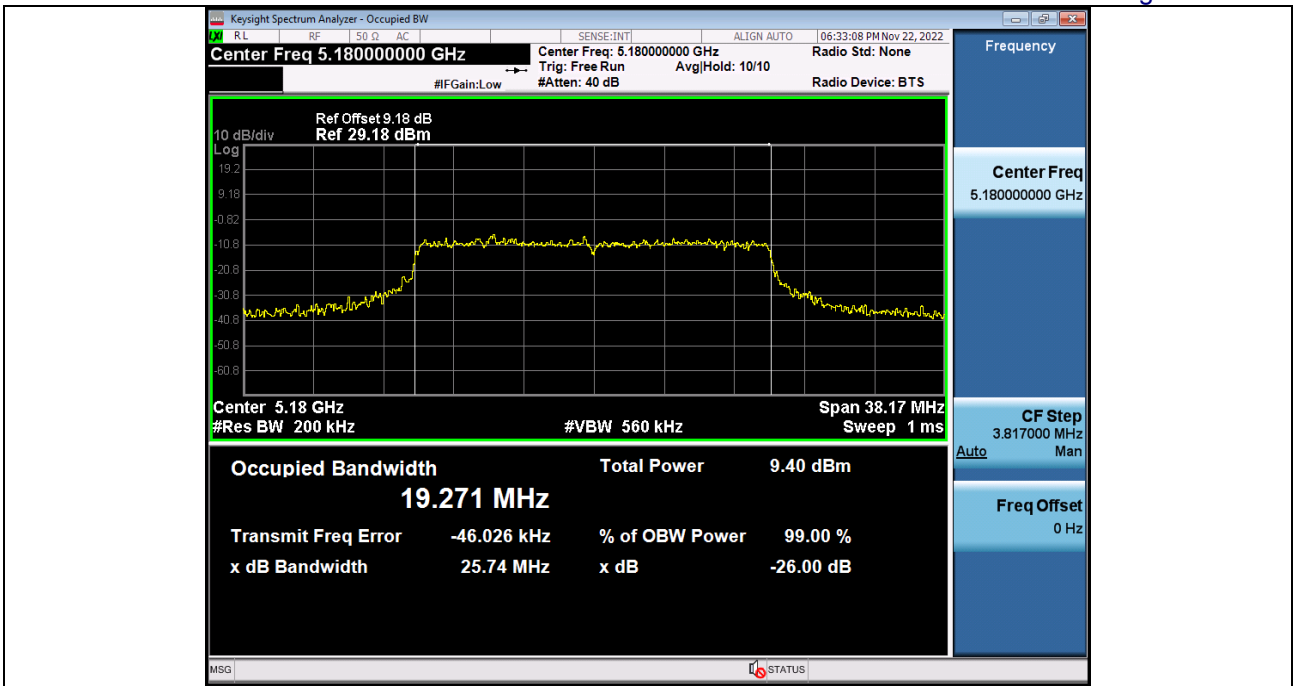




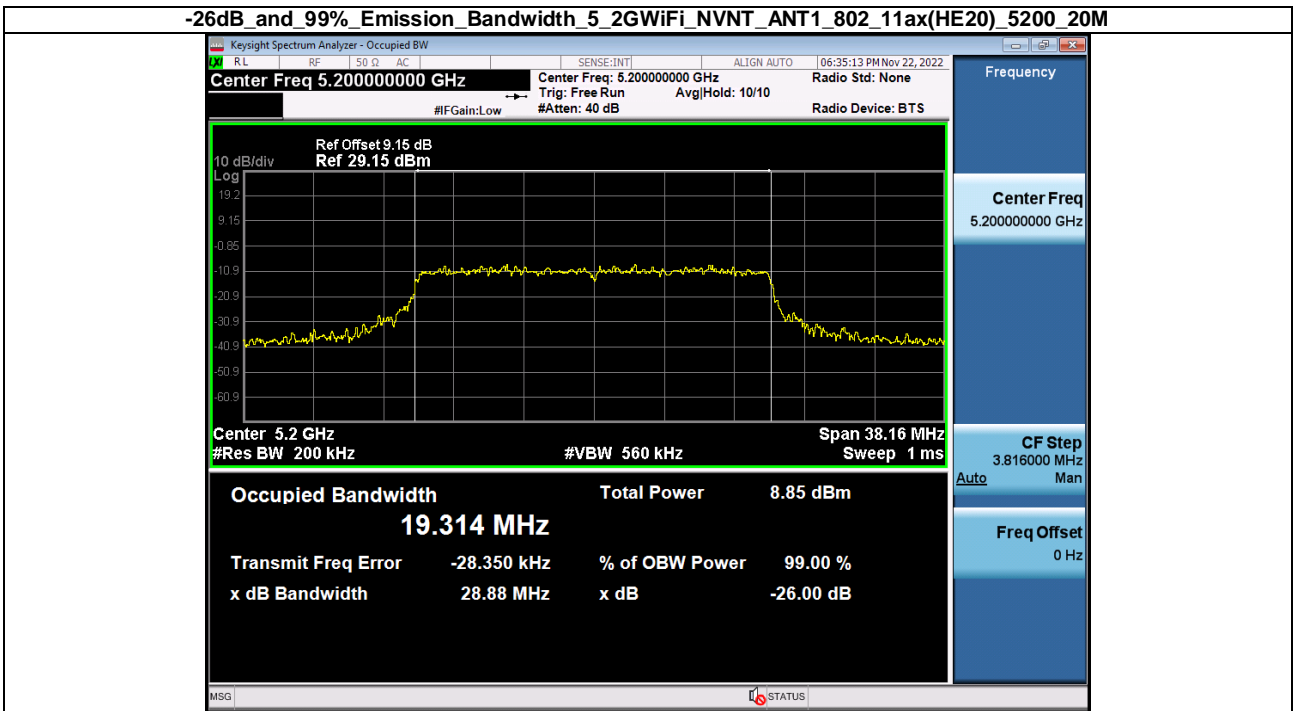
-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11ac(VHT20)\_5240\_20M



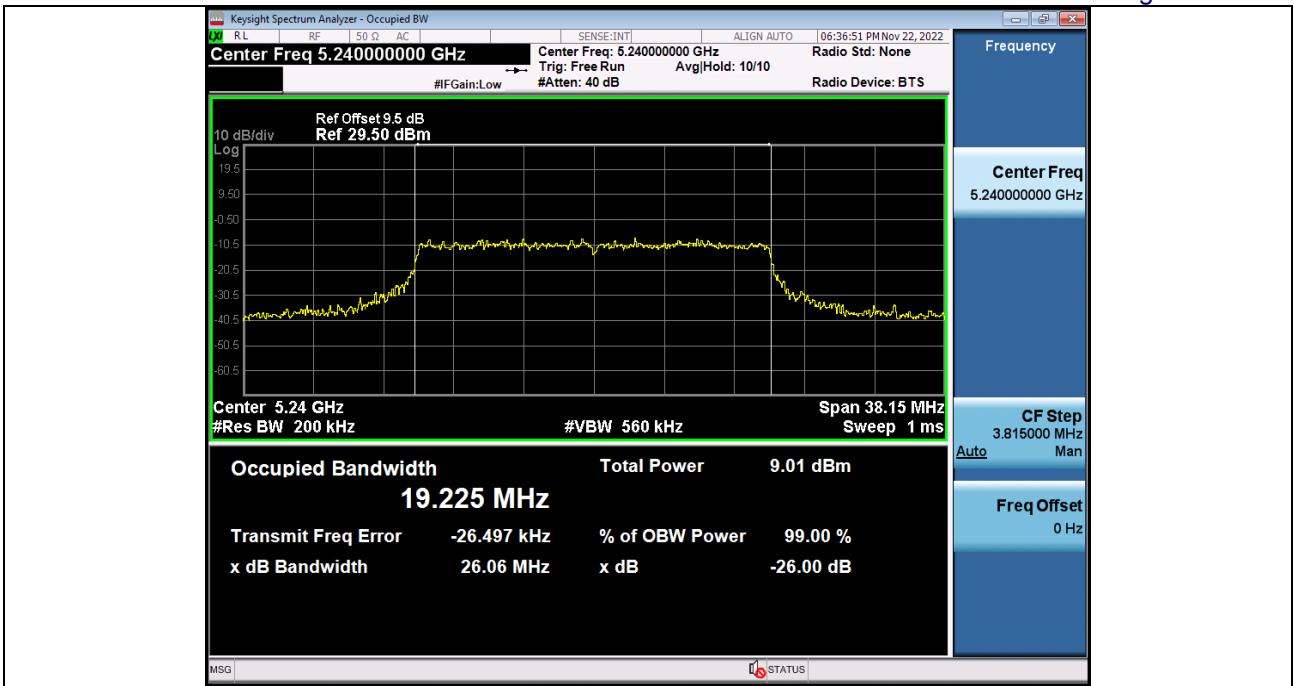
-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11ax(HE20)\_5180\_20M



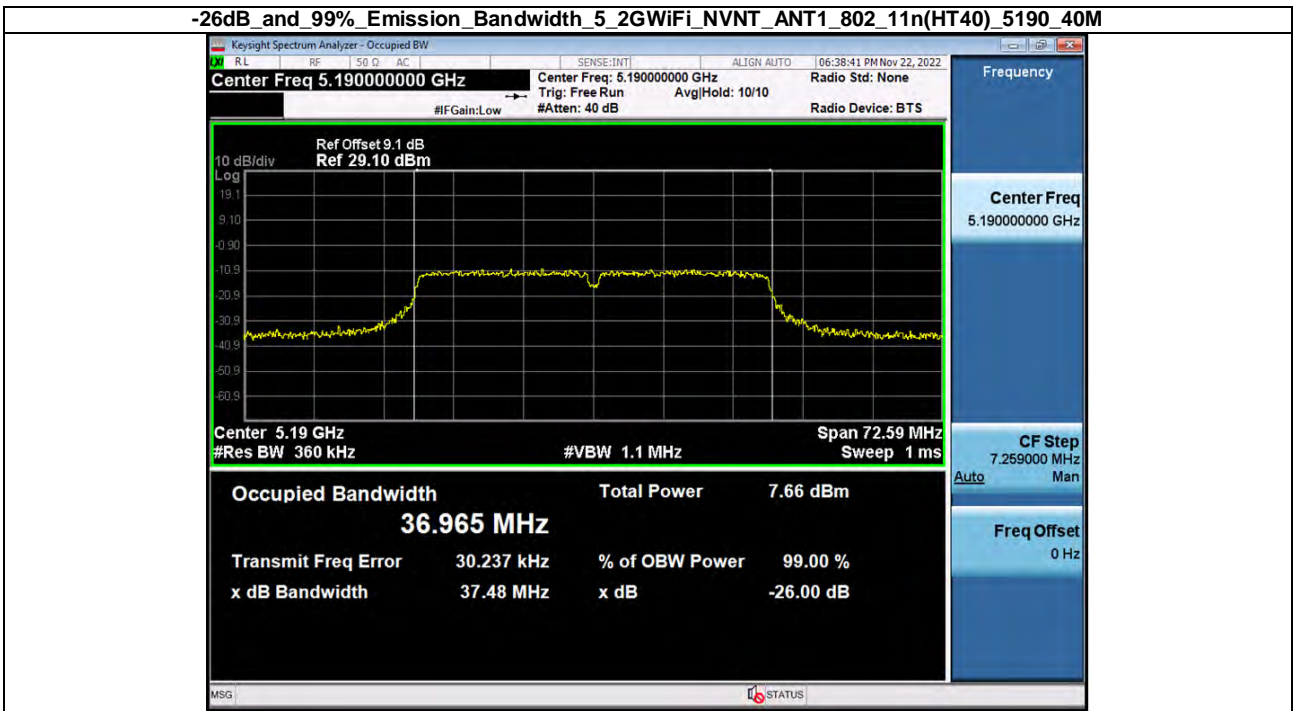
-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11ax(HE20)\_5200\_20M



-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11ax(HE20)\_5240\_20M



-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11n(HT40)\_5190\_40M



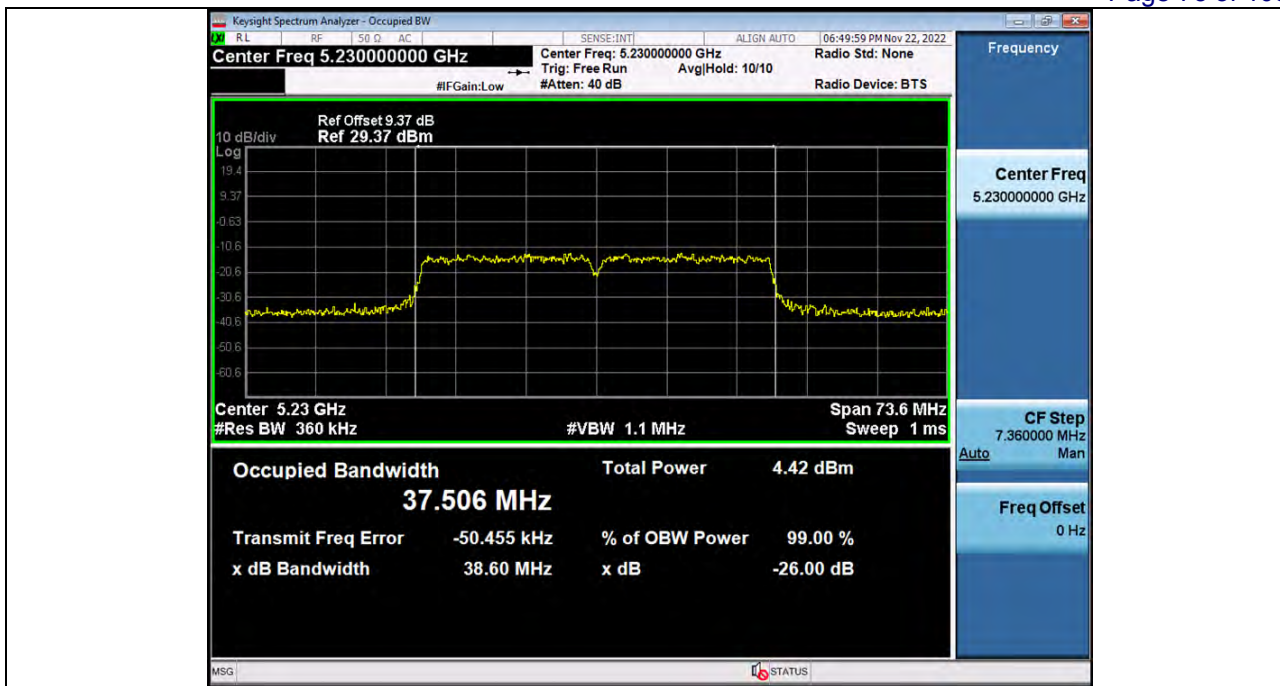
-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11n(HT40)\_5230\_40M



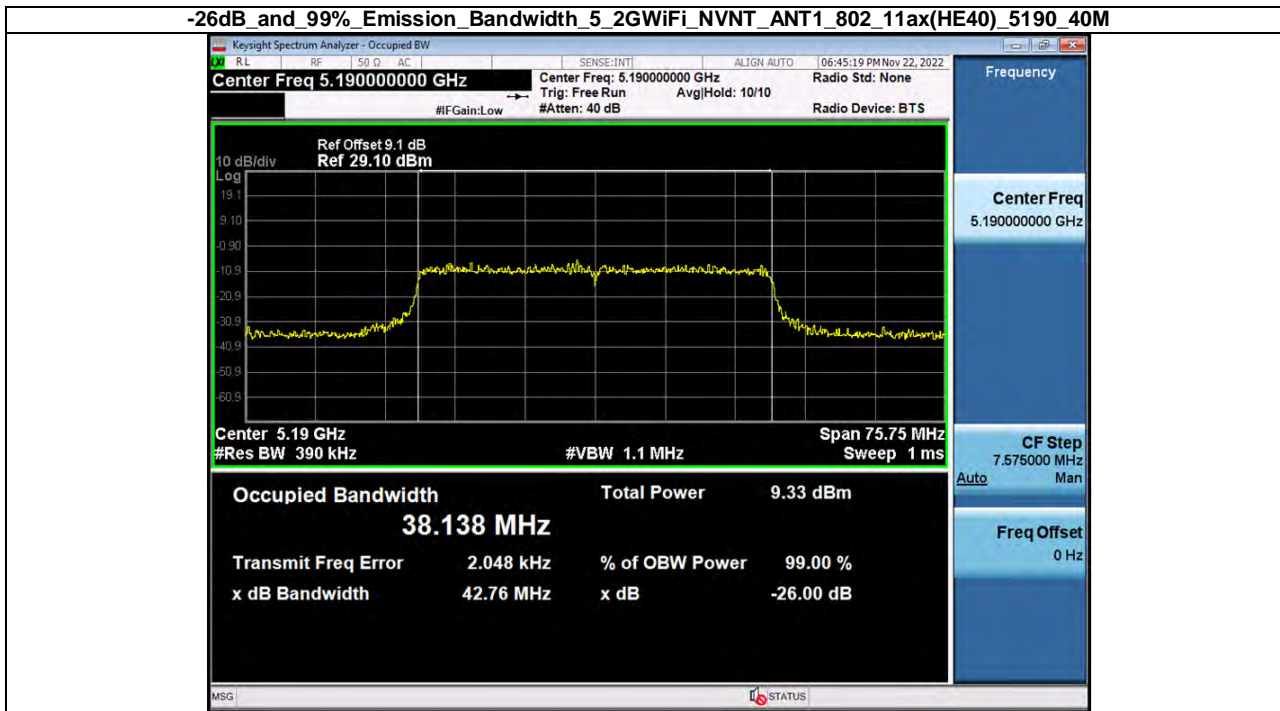
-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11ac(VHT40)\_5190\_40M



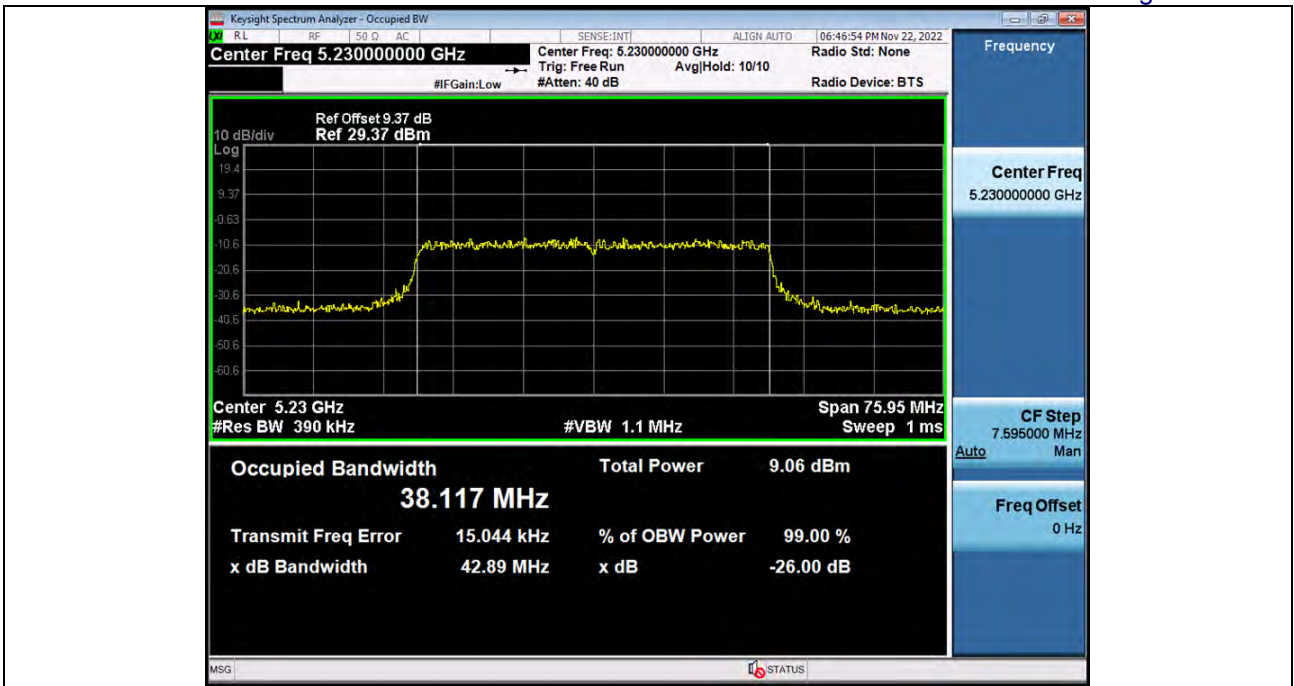
-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11ac(VHT40)\_5230\_40M



-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11ax(HE40)\_5190\_40M

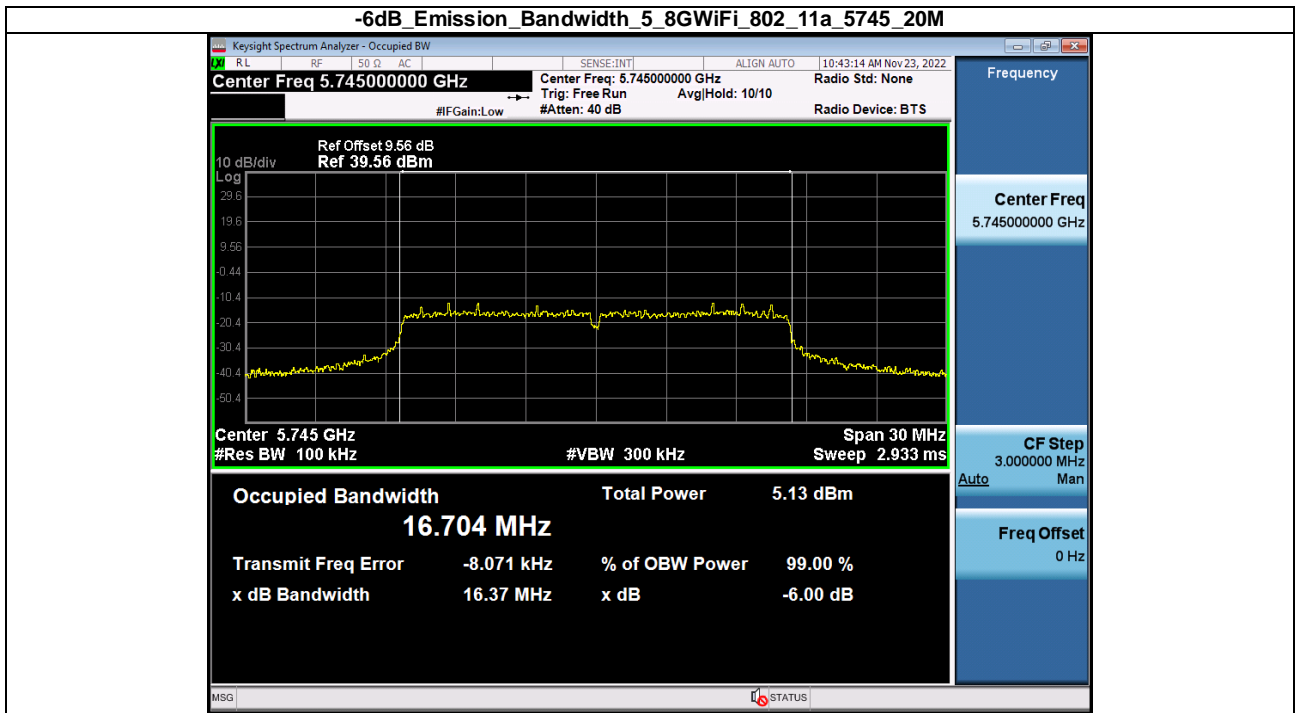


-26dB and 99% Emission Bandwidth 5\_2GWiFi\_NVNT\_ANT1\_802\_11ax(HE40)\_5230\_40M

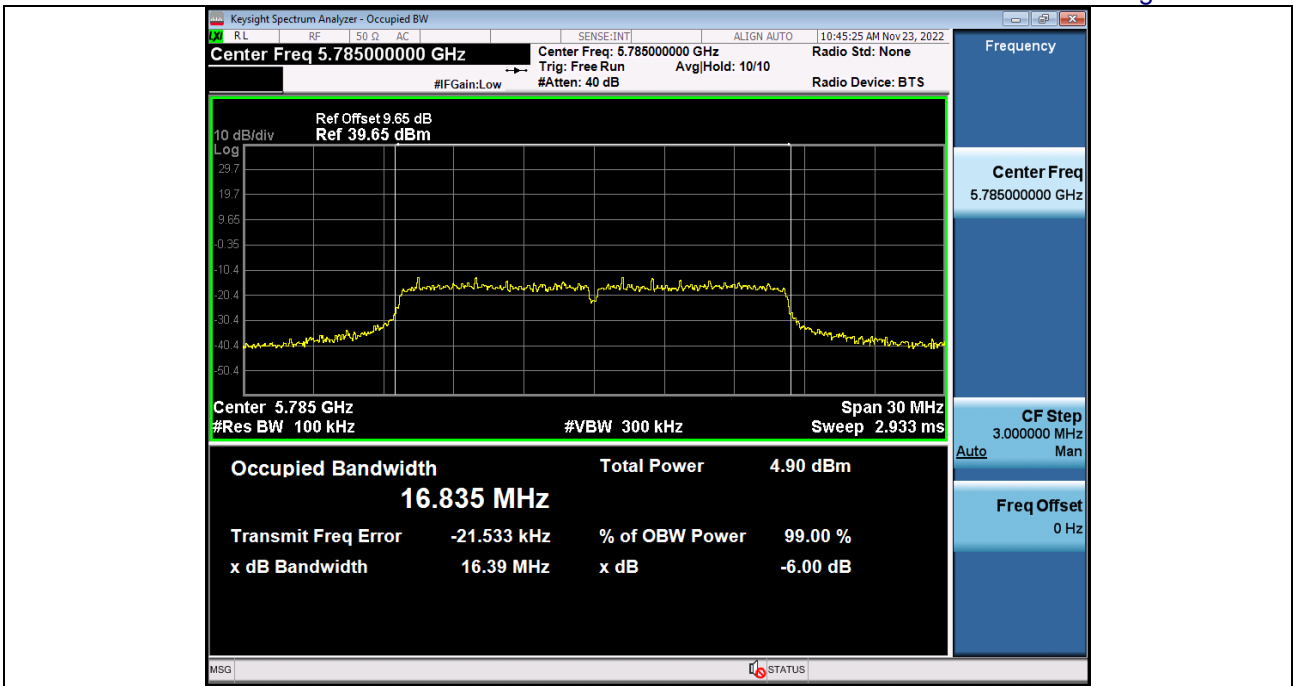


6DBM EMISSION BANDWIDTH

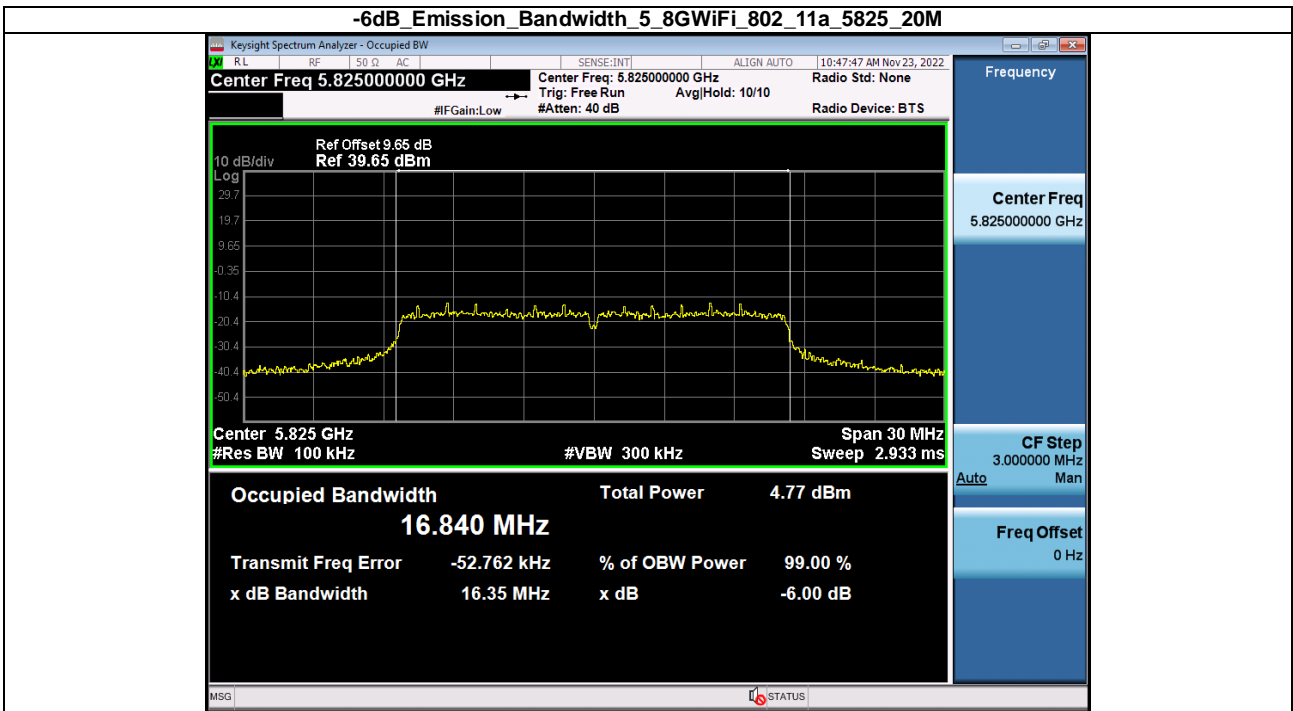
Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	LCH	5745.00	16.368	0.500	Pass
NVNT	ANT1	MCH	5785.00	16.389	0.500	Pass
NVNT	ANT1	HCH	5825.00	16.345	0.500	Pass
NVNT	ANT1	LCH	5745.00	17.594	0.500	Pass
NVNT	ANT1	MCH	5785.00	17.614	0.500	Pass
NVNT	ANT1	HCH	5825.00	17.583	0.500	Pass
NVNT	ANT1	LCH	5745.00	17.692	0.500	Pass
NVNT	ANT1	MCH	5785.00	17.668	0.500	Pass
NVNT	ANT1	HCH	5825.00	17.677	0.500	Pass
NVNT	ANT1	LCH	5745.00	19.004	0.500	Pass
NVNT	ANT1	MCH	5785.00	18.991	0.500	Pass
NVNT	ANT1	HCH	5825.00	18.789	0.500	Pass
NVNT	ANT1	LCH	5755.00	36.387	0.500	Pass
NVNT	ANT1	HCH	5795.00	36.342	0.500	Pass
NVNT	ANT1	LCH	5755.00	38.047	0.500	Pass
NVNT	ANT1	HCH	5795.00	38.070	0.500	Pass
NVNT	ANT1	LCH	5755.00	37.995	0.500	Pass
NVNT	ANT1	HCH	5795.00	38.053	0.500	Pass



**-6dB\_Emission\_Bandwidth\_5\_8WiFi\_802\_11a\_5785\_20M**

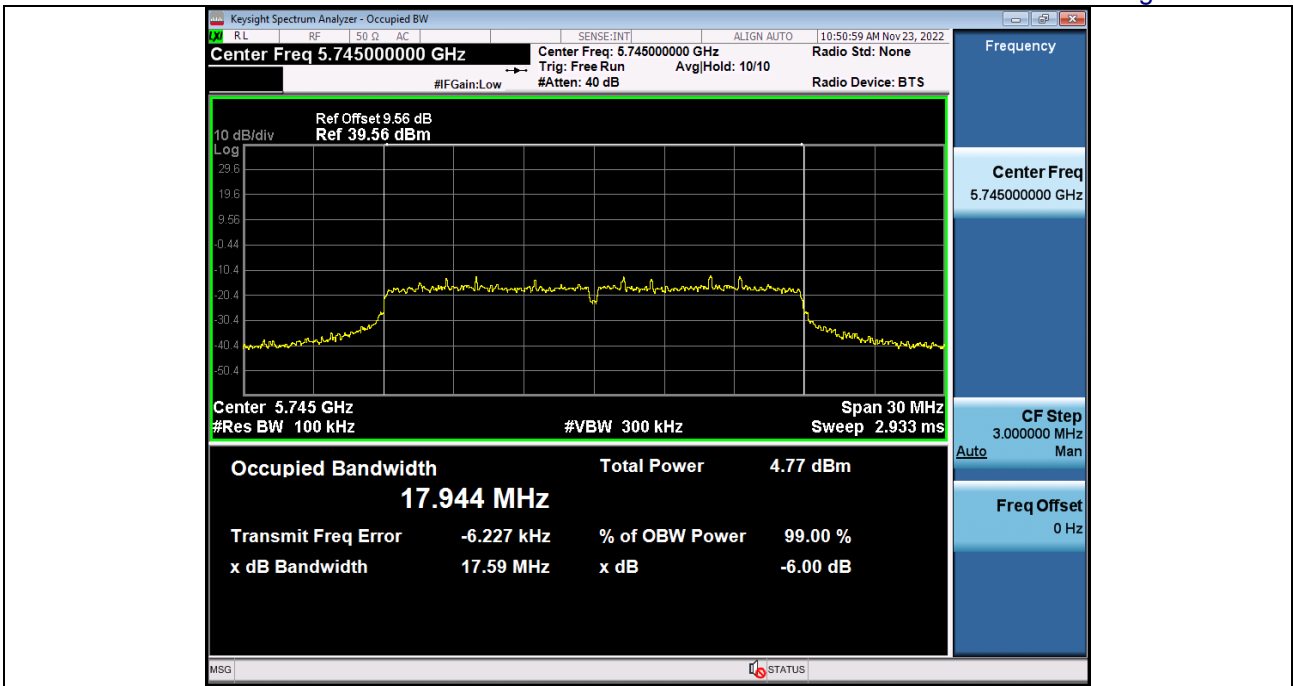


**-6dB Emission Bandwidth 5\_8WiFi 802\_11a\_5825\_20M**

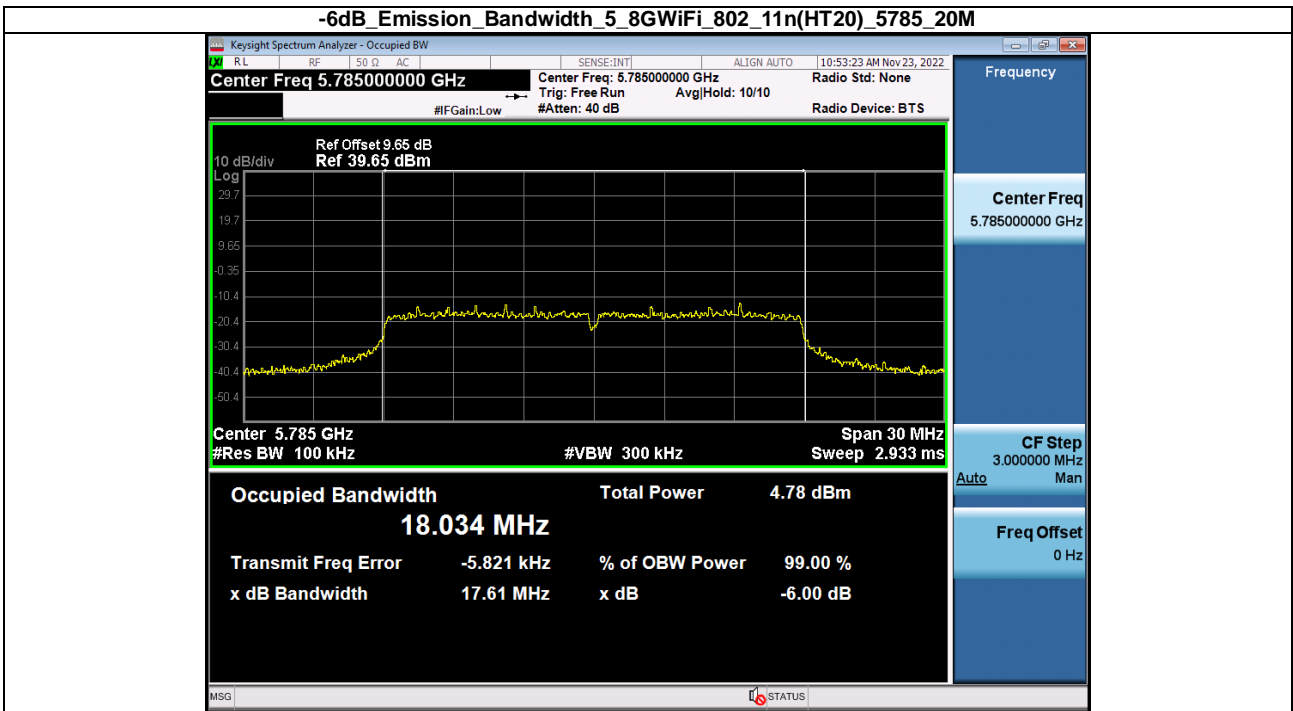


**-6dB Emission Bandwidth 5\_8WiFi 802\_11n(HT20)\_5745\_20M**

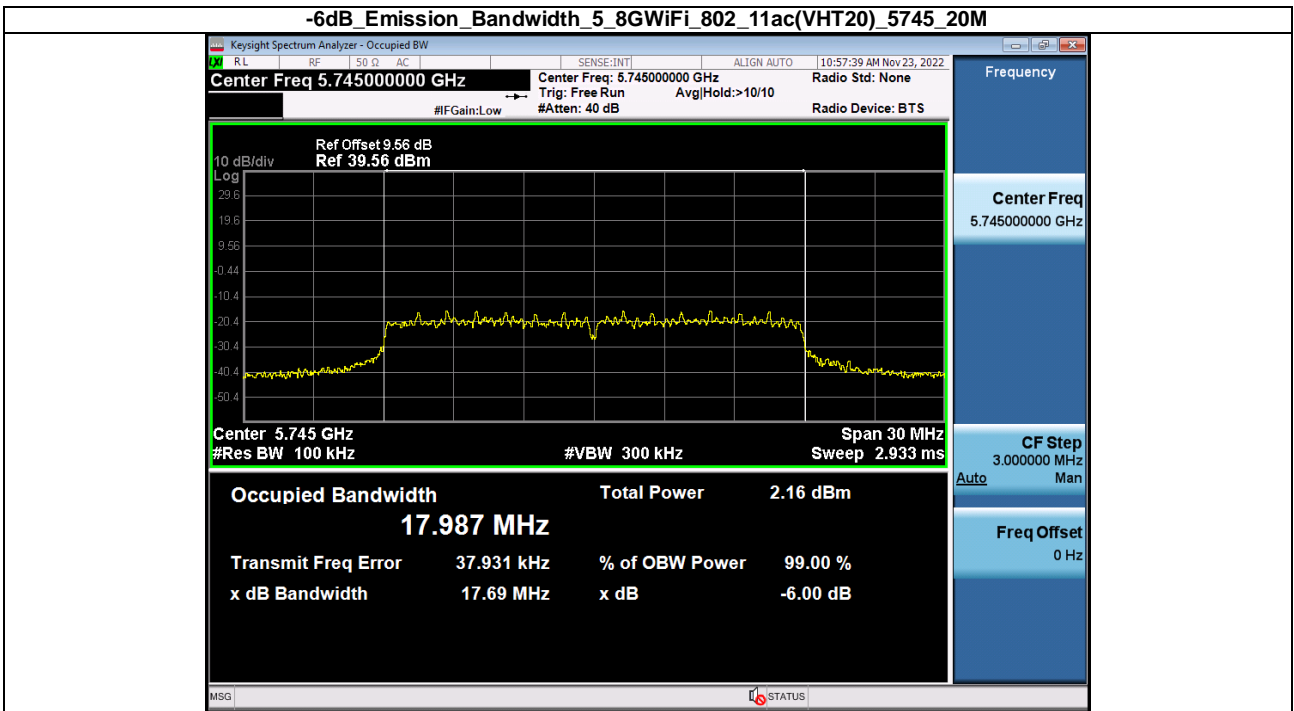
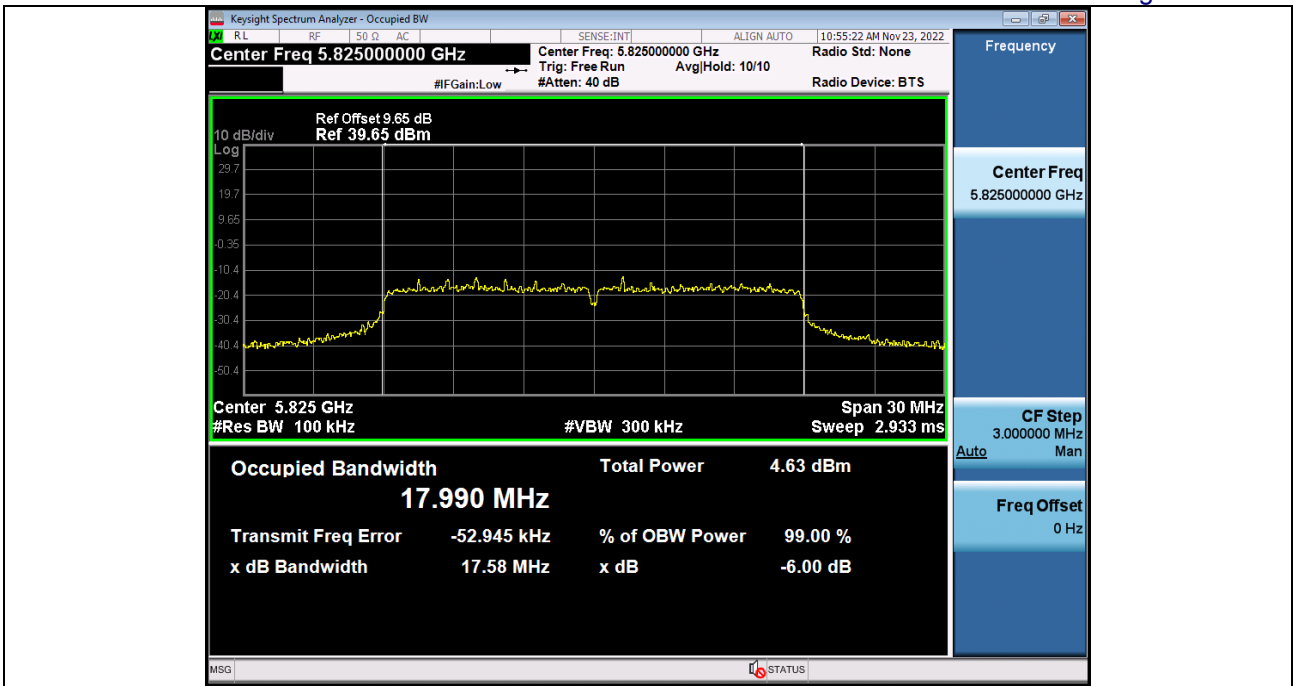




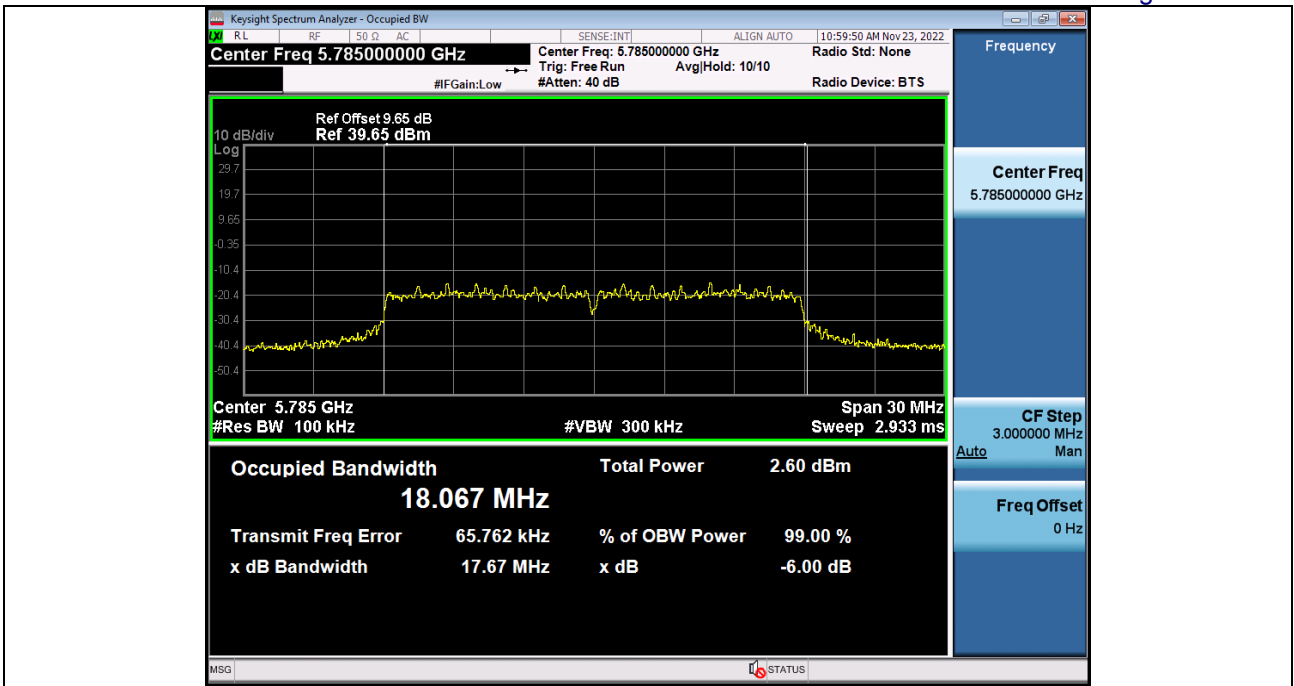
**-6dB\_Emission\_Bandwidth\_5\_8WiFi\_802\_11n(HT20)\_5785\_20M**



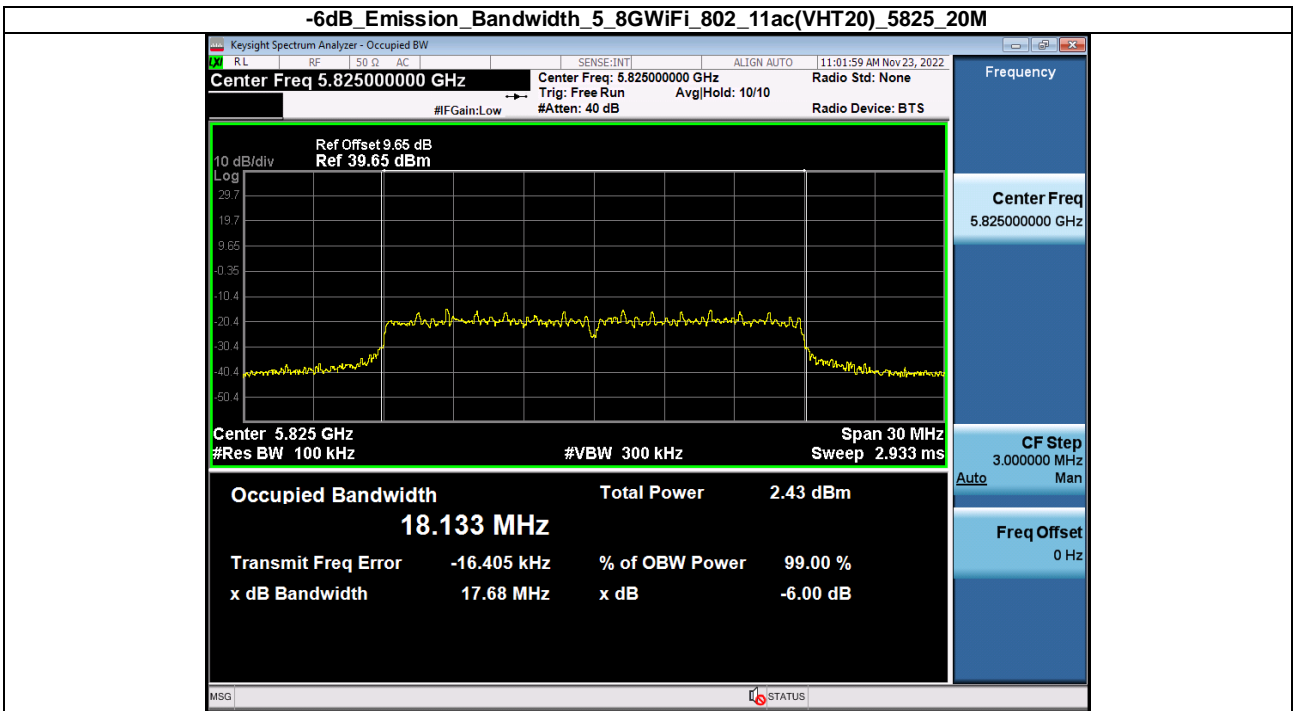
**-6dB\_Emission\_Bandwidth\_5\_8WiFi\_802\_11n(HT20)\_5825\_20M**



**-6dB Emission Bandwidth\_5\_8WiFi\_802\_11ac(VHT20)\_5785\_20M**



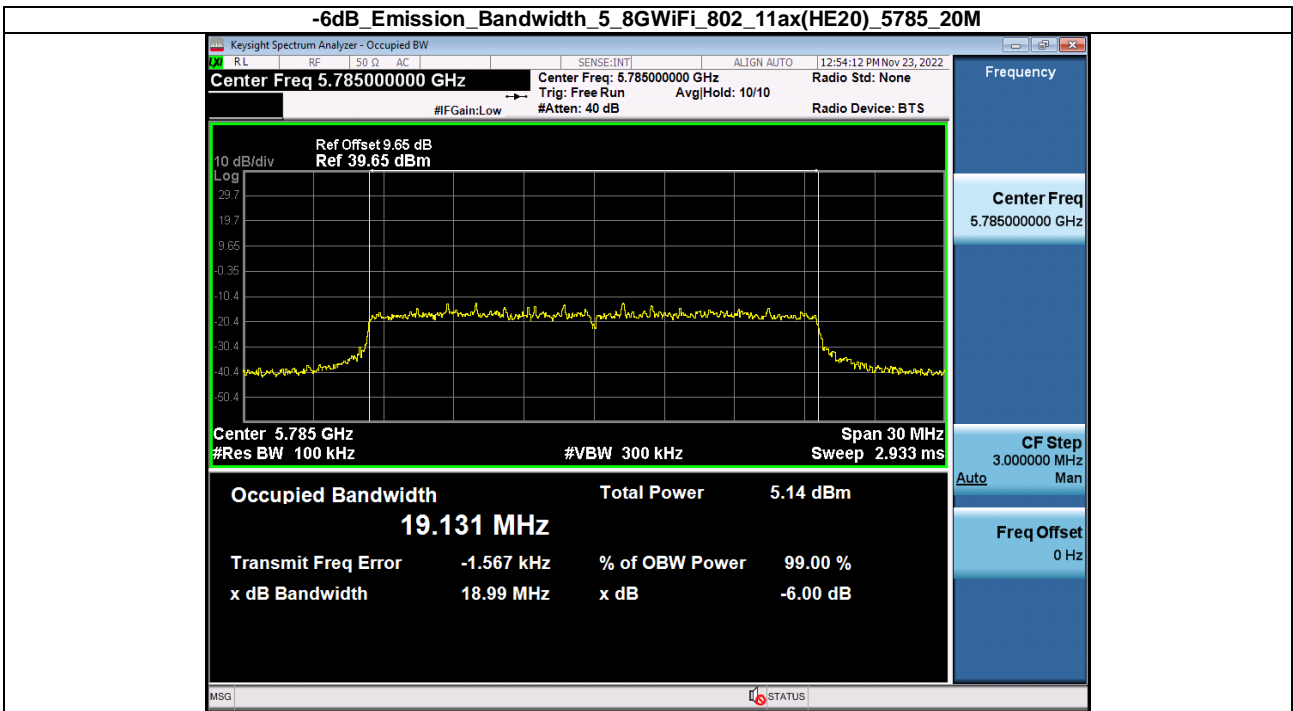
**-6dB Emission Bandwidth 5\_8WiFi 802\_11ac(VHT20)\_5825\_20M**



**-6dB Emission Bandwidth 5\_8WiFi 802\_11ax(HE20)\_5745\_20M**



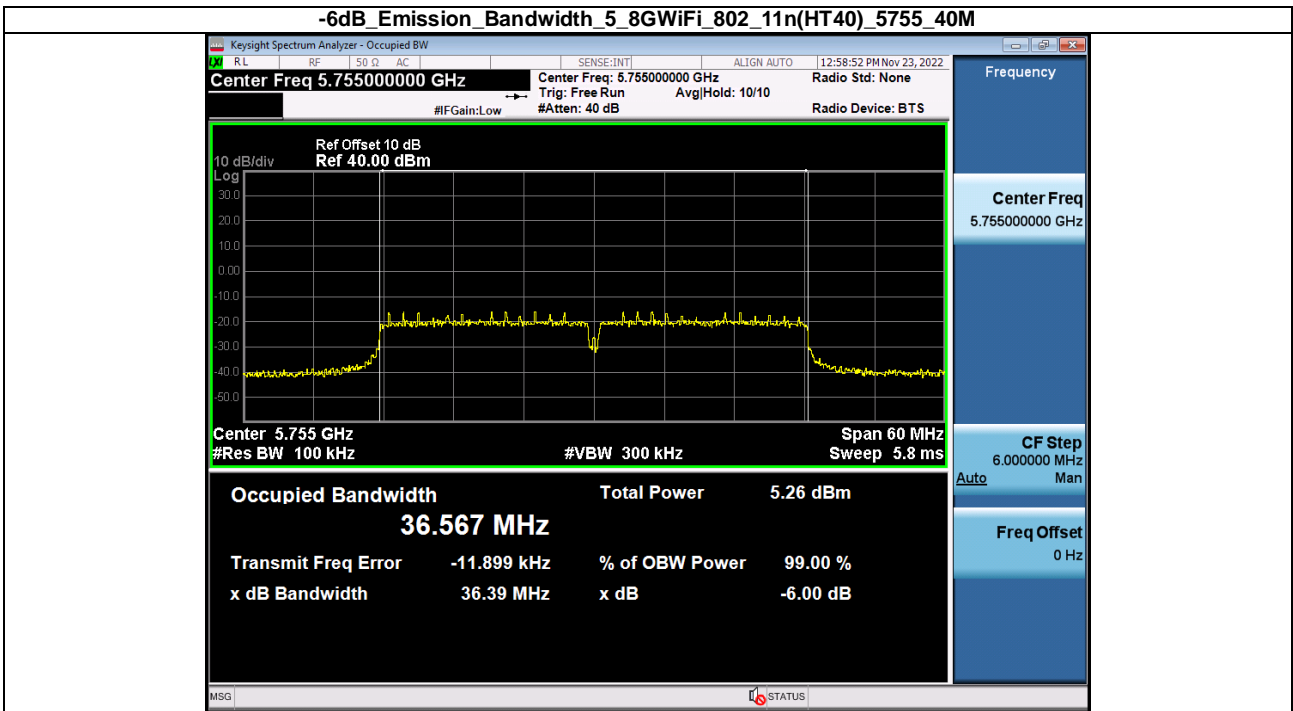
**-6dB Emission Bandwidth 5 8WiFi 802\_11ax(HE20)\_5785\_20M**



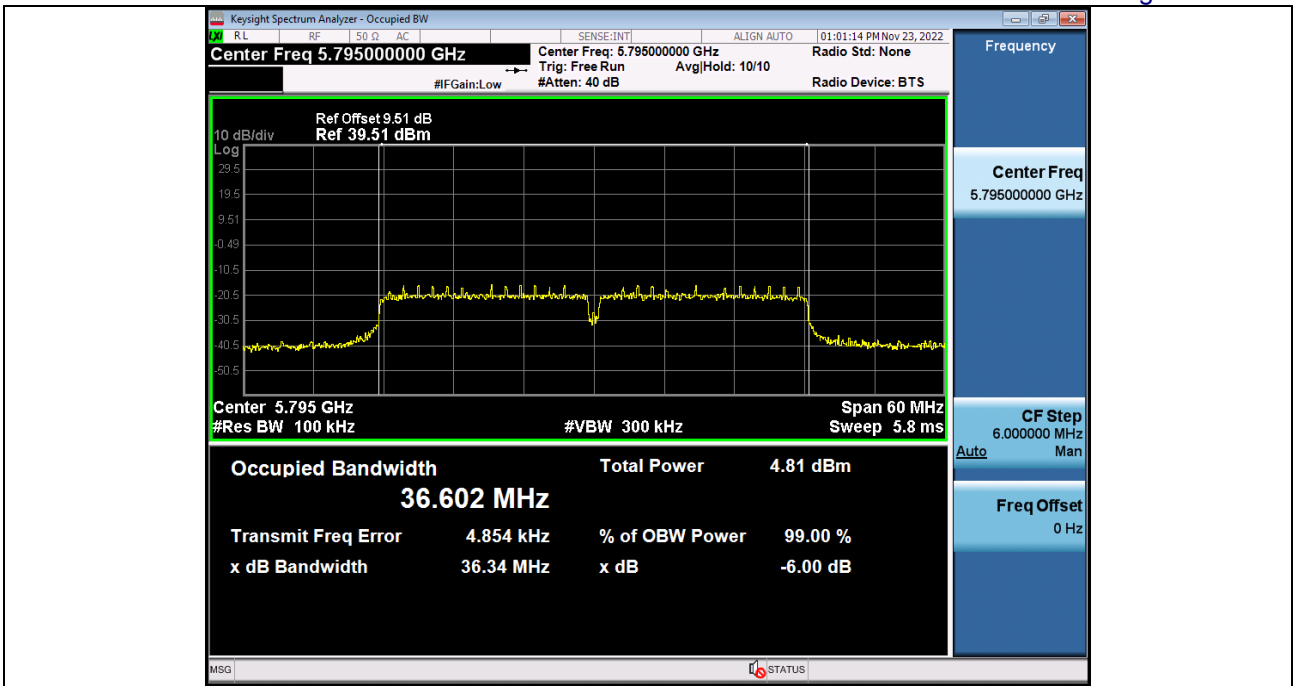
**-6dB Emission Bandwidth 5 8WiFi 802\_11ax(HE20)\_5825\_20M**



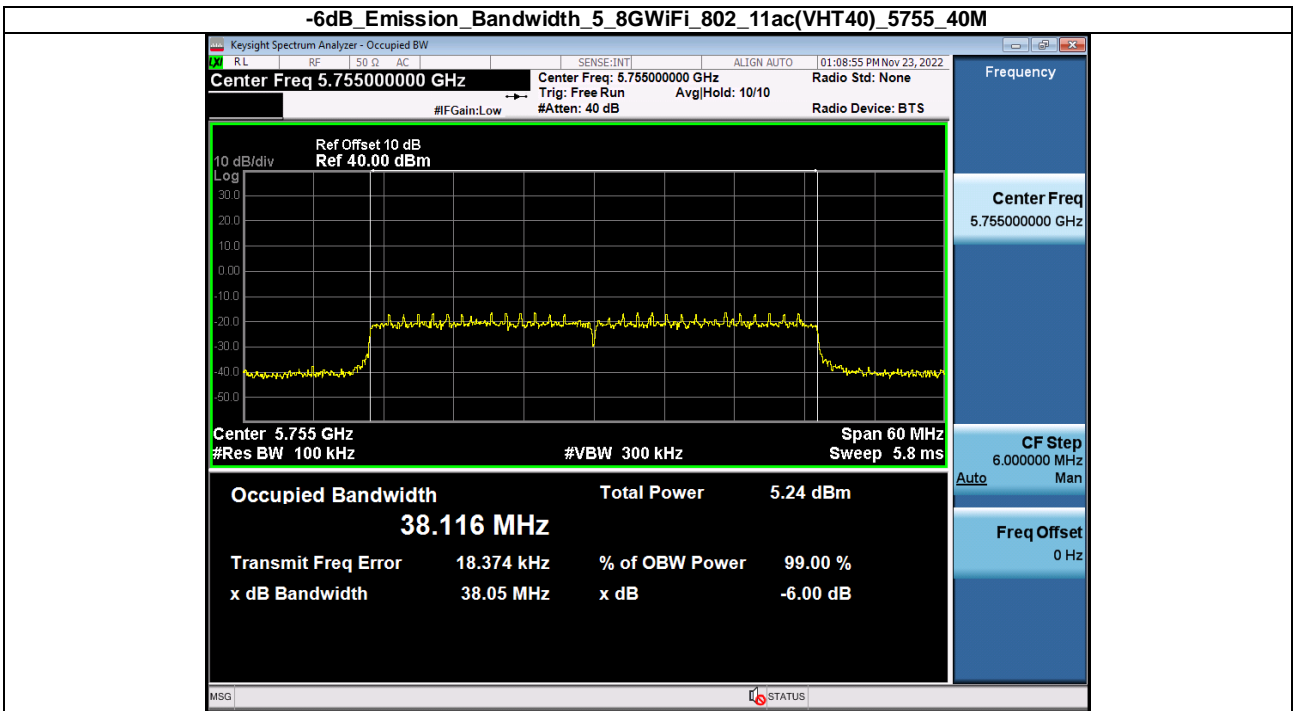
**-6dB Emission Bandwidth 5\_8WiFi\_802\_11n(HT40)\_5755\_40M**



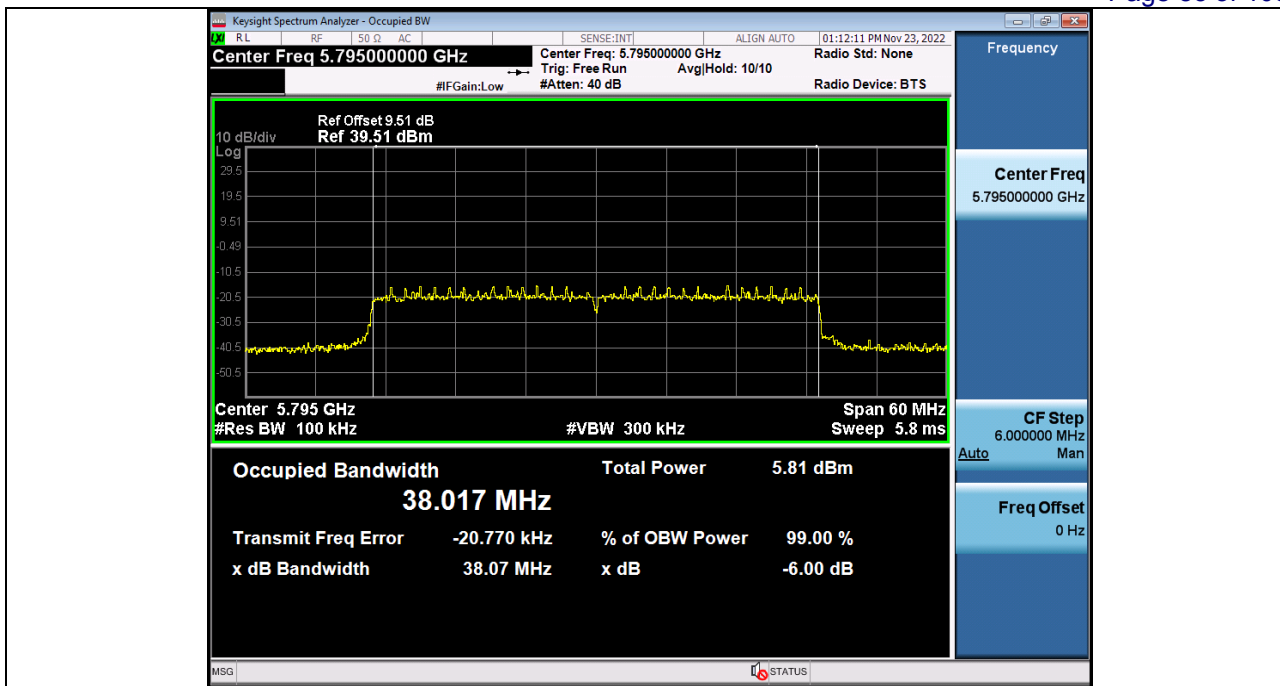
**-6dB Emission Bandwidth 5\_8WiFi\_802\_11n(HT40)\_5795\_40M**



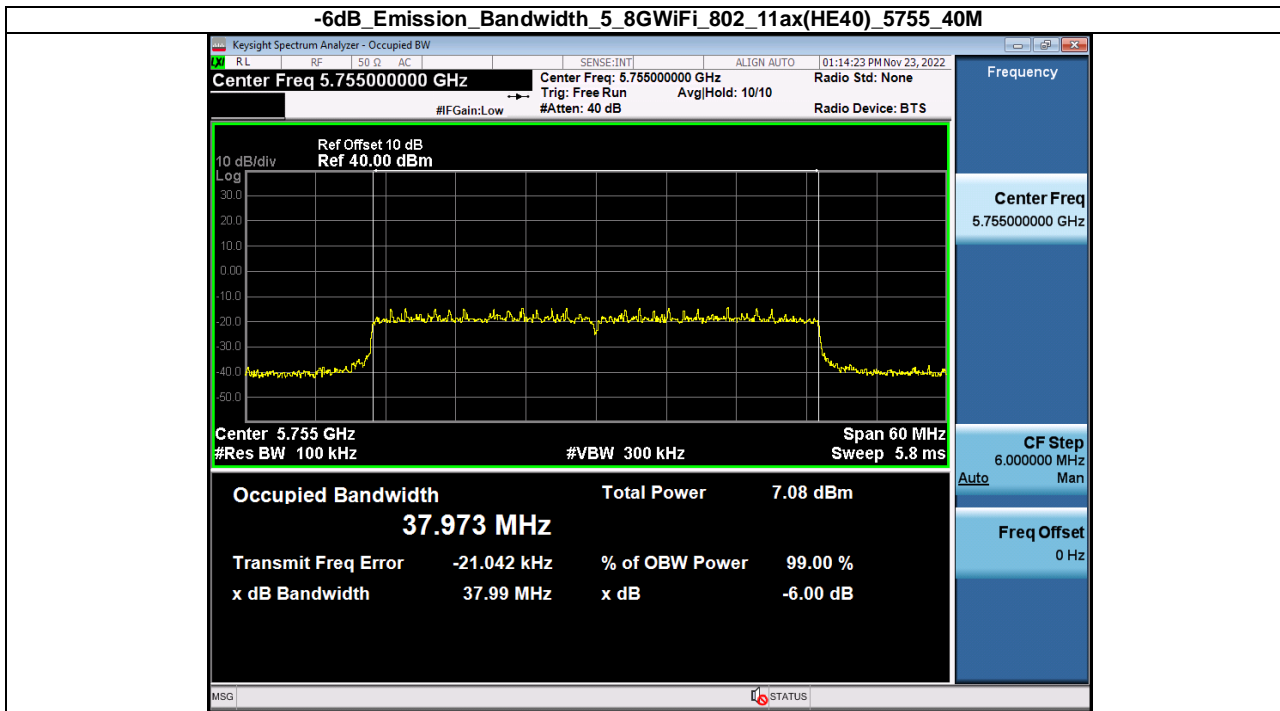
**-6dB Emission Bandwidth 5\_8WiFi 802\_11ac(VHT40)\_5755\_40M**



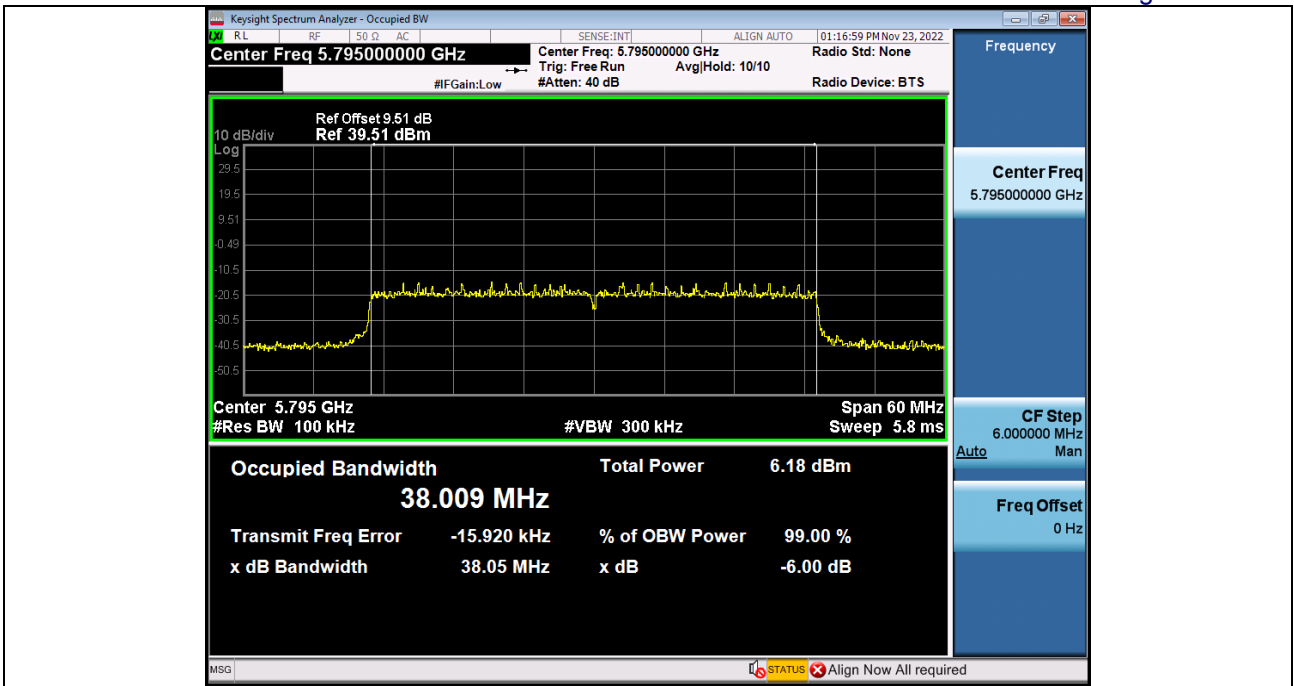
**-6dB Emission Bandwidth 5\_8WiFi 802\_11ac(VHT40)\_5795\_40M**



-6dB\_Emission\_Bandwidth\_5\_8WiFi\_802\_11ax(HE40)\_5755\_40M



-6dB\_Emission\_Bandwidth\_5\_8WiFi\_802\_11ax(HE40)\_5795\_40M





## OUTPUT POWER

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	6.50	30	Pass
NVNT	ANT1	802.11a	5200.00	6.39	30	Pass
NVNT	ANT1	802.11a	5240.00	6.46	30	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	6.36	30	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	6.32	30	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	6.49	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	1.36	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	1.56	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	1.67	30	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	7.95	30	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	7.73	30	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	7.86	30	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	6.22	30	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	6.39	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	1.08	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	1.45	30	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	4.67	30	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	4.47	30	Pass

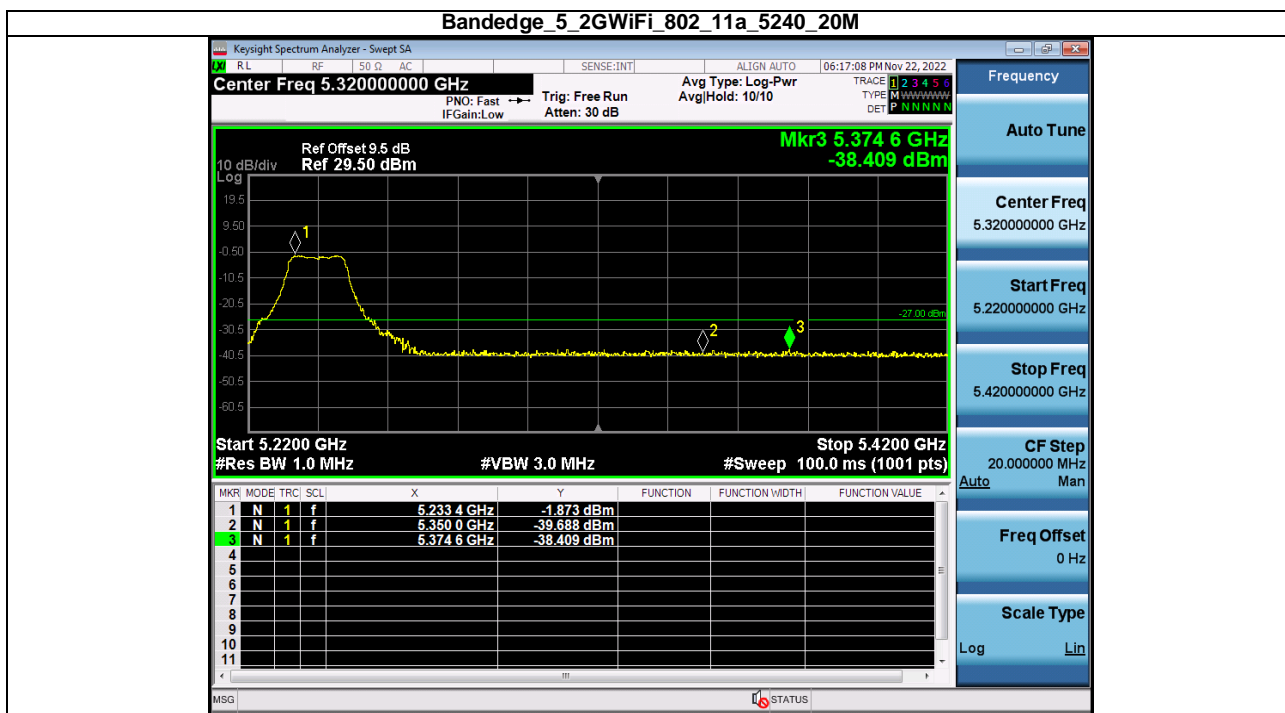
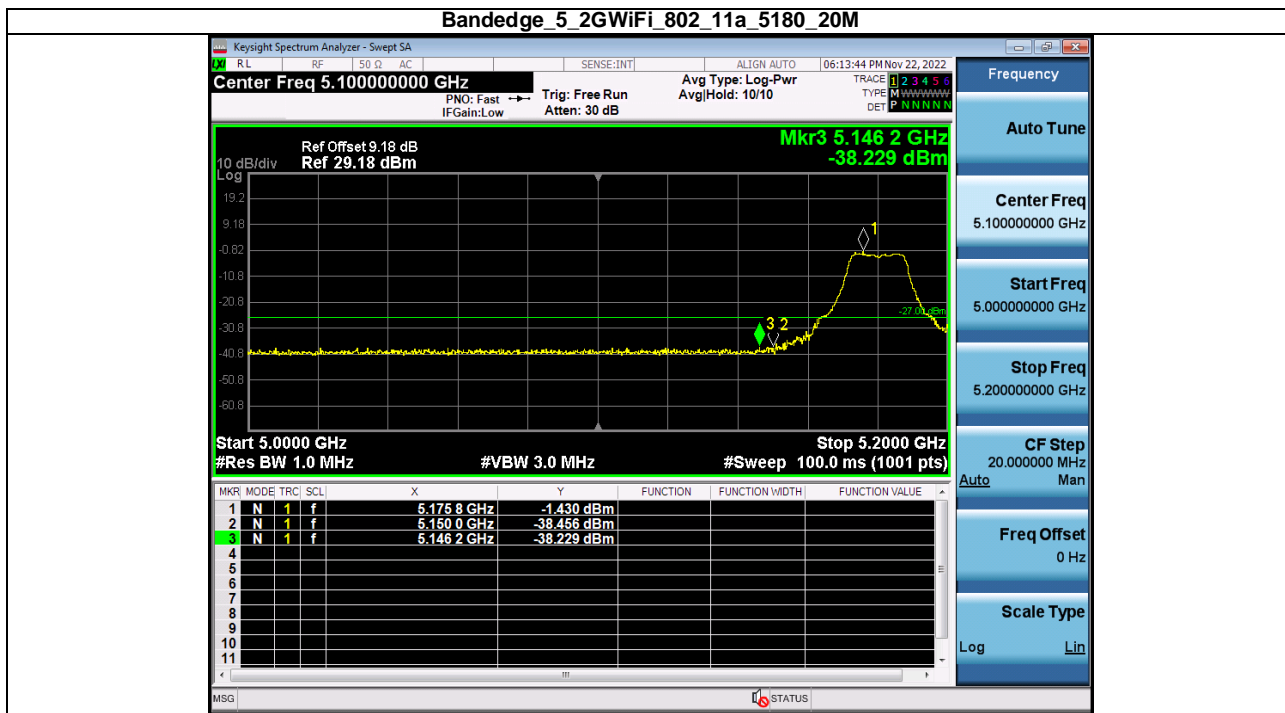
Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	3.55	30	Pass
NVNT	ANT1	802.11a	5785.00	3.59	30	Pass
NVNT	ANT1	802.11a	5825.00	3.32	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	3.32	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	3.42	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	3.17	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	0.59	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	0.92	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	0.69	30	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	4.59	30	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	4.57	30	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	4.24	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	3.37	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	2.83	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	2.90	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	2.22	30	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	3.78	30	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	3.21	30	Pass

## BAND EDGE EMISSION

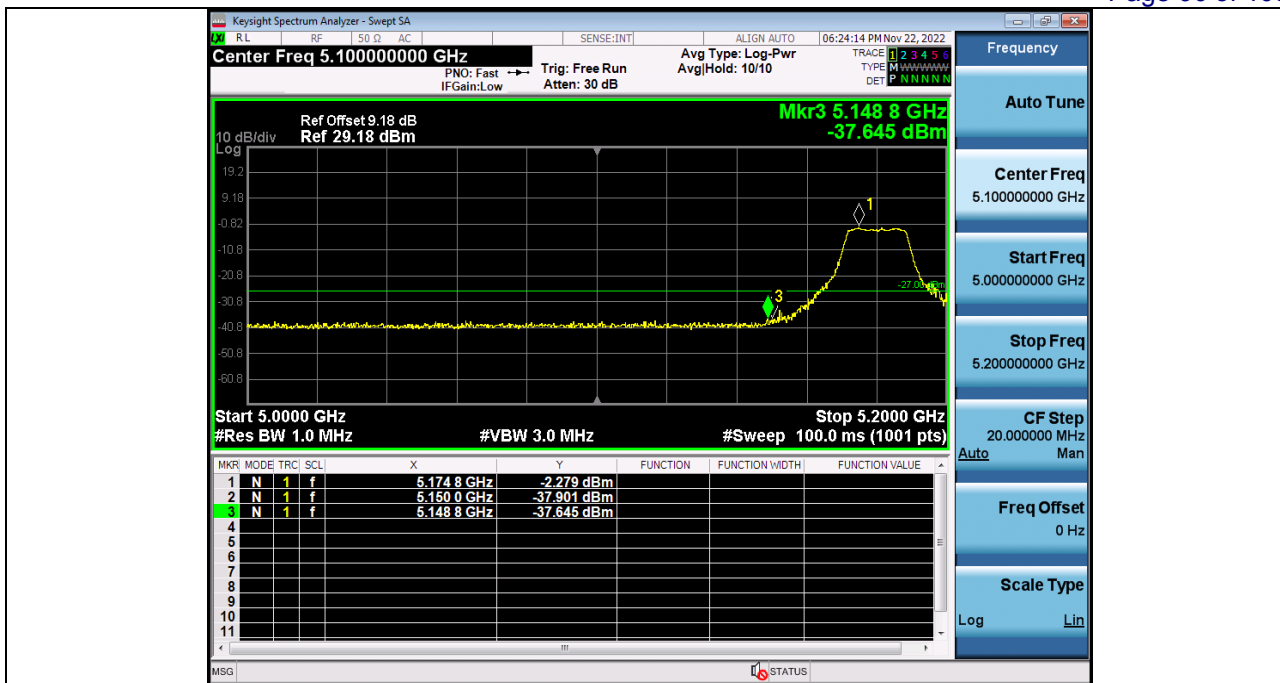
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	5146.20	-38.23	-27	Pass
NVNT	ANT1	802.11a	5240.00	5374.60	-38.41	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	5148.80	-37.65	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	5405.20	-38.16	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	5034.00	-37.87	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	5411.20	-38.56	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	5149.00	-37.49	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	5397.40	-38.15	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	5145.64	-33.30	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	5369.80	-38.30	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	5023.76	-38.13	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	5362.20	-38.70	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	5149.82	-33.01	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	5375.60	-38.09	-27	Pass

Condition	Antenna	Modulation	TX_Frequency (MHz)	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	802.11a	LCH	5565-5655	5641.320	-45.72	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5671.335	-45.43	-13.57	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5706.580	-45.69	11.84	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5722.775	-44.14	21.93	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5854.680	-44.61	16.33	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5872.060	-44.67	10.82	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5908.750	-44.89	-17.75	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5983.070	-40.11	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5565-5655	5638.170	-44.74	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5655-5700	5657.610	-46.05	-24.85	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5700-5720	5701.500	-45.58	10.42	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5720-5725	5721.470	-44.11	18.95	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5850-5855	5854.955	-44.39	15.70	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5855-5875	5873.400	-44.85	10.45	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5875-5920	5909.965	-44.89	-18.75	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5920-6005	5933.600	-42.01	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5565-5655	5578.050	-45.90	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5655-5700	5655.360	-46.05	-26.70	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5700-5720	5700.380	-45.83	10.11	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5720-5725	5720.065	-45.03	15.75	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5850-5855	5853.985	-44.62	17.91	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5855-5875	5872.340	-44.23	10.74	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5875-5920	5915.770	-45.19	-23.52	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5920-6005	5964.030	-40.33	-27.00	Pass
NVNT	ANT1	802.11ax(HE20)	LCH	5565-5655	5599.470	-45.39	-27.00	Pass
NVNT	ANT1	802.11ax(HE20)	LCH	5655-5700	5661.840	-46.16	-21.38	Pass
NVNT	ANT1	802.11ax(HE20)	LCH	5700-5720	5700.320	-44.97	10.09	Pass
NVNT	ANT1	802.11ax(HE20)	LCH	5720-5725	5723.260	-42.23	23.03	Pass
NVNT	ANT1	802.11ax(HE20)	HCH	5850-5855	5854.730	-44.51	16.22	Pass
NVNT	ANT1	802.11ax(HE20)	HCH	5855-5875	5872.320	-45.00	10.75	Pass
NVNT	ANT1	802.11ax(HE20)	HCH	5875-5920	5905.600	-44.61	-15.16	Pass
NVNT	ANT1	802.11ax(HE20)	HCH	5920-6005	5963.520	-40.84	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5595-5655	5613.480	-44.95	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5655-5700	5659.635	-45.32	-23.19	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5700-5720	5707.320	-44.30	12.05	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5720-5725	5720.810	-43.14	17.45	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5850-5855	5854.540	-44.52	16.65	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5855-5875	5872.640	-44.99	10.66	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5875-5920	5910.955	-45.03	-19.56	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5920-5955	5934.735	-40.58	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5595-5655	5653.260	-45.06	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5655-5700	5670.660	-45.49	-14.12	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5700-5720	5702.540	-44.38	10.71	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5720-5725	5720.960	-43.41	17.79	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5850-5855	5853.410	-45.02	19.23	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5855-5875	5874.820	-44.51	10.05	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5875-5920	5915.050	-45.13	-22.93	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5920-5955	5944.990	-40.98	-27.00	Pass
NVNT	ANT1	802.11ax(HE40)	LCH	5595-5655	5651.940	-44.64	-27.00	Pass

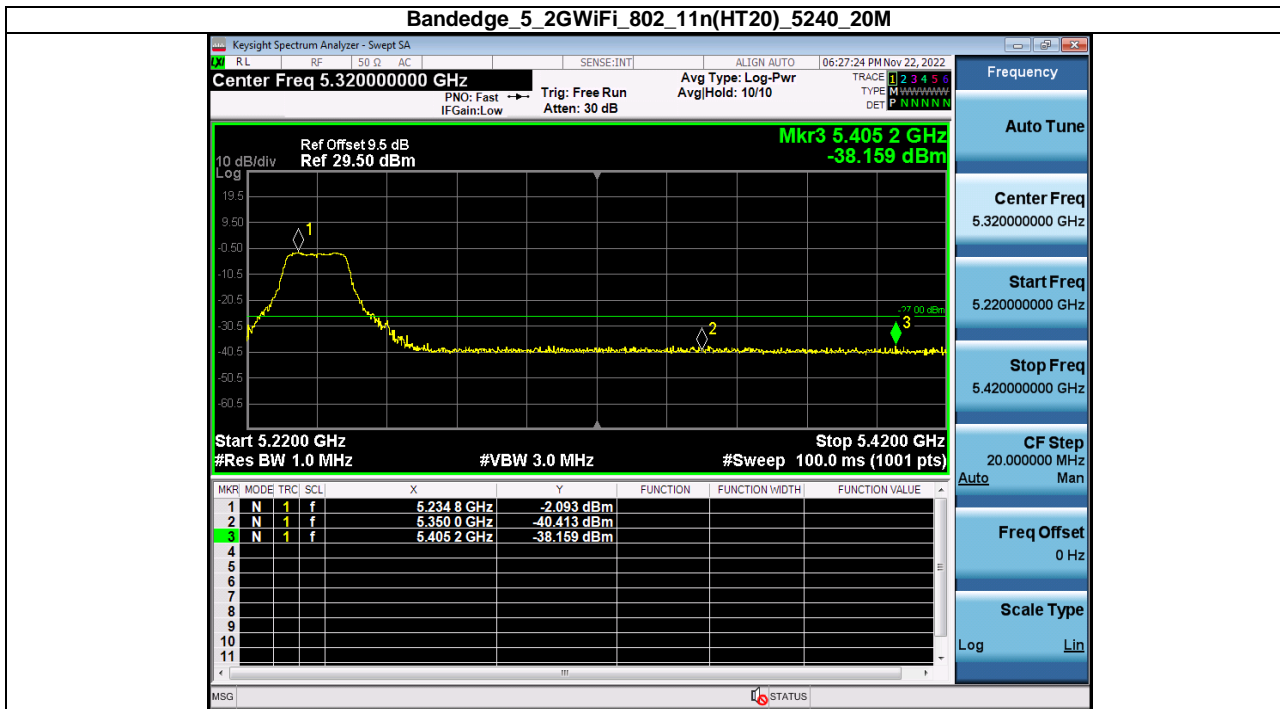
NVNT	ANT1	802.11ax(HE40)	LCH	5655-5700	5678.085	-45.19	-8.02	Pass
NVNT	ANT1	802.11ax(HE40)	LCH	5700-5720	5715.080	-43.39	14.22	Pass
NVNT	ANT1	802.11ax(HE40)	LCH	5720-5725	5720.470	-42.02	16.67	Pass
NVNT	ANT1	802.11ax(HE40)	HCH	5850-5855	5854.515	-44.37	16.71	Pass
NVNT	ANT1	802.11ax(HE40)	HCH	5855-5875	5872.860	-44.68	10.60	Pass
NVNT	ANT1	802.11ax(HE40)	HCH	5875-5920	5914.600	-45.14	-22.56	Pass
NVNT	ANT1	802.11ax(HE40)	HCH	5920-5955	5940.195	-40.80	-27.00	Pass



**Bandedge\_5\_2GWiFi\_802\_11n(HT20)\_5180\_20M**



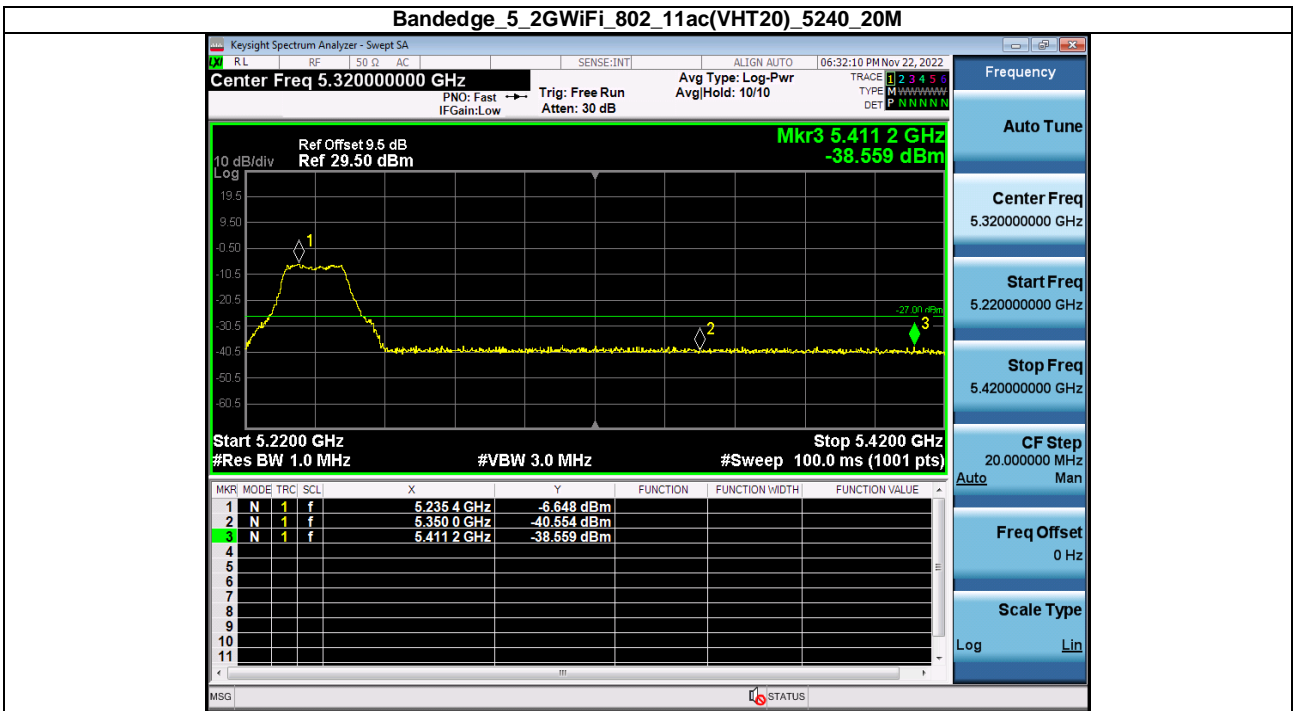
Bandedge\_5\_2GWiFi\_802\_11n(HT20)\_5240\_20M



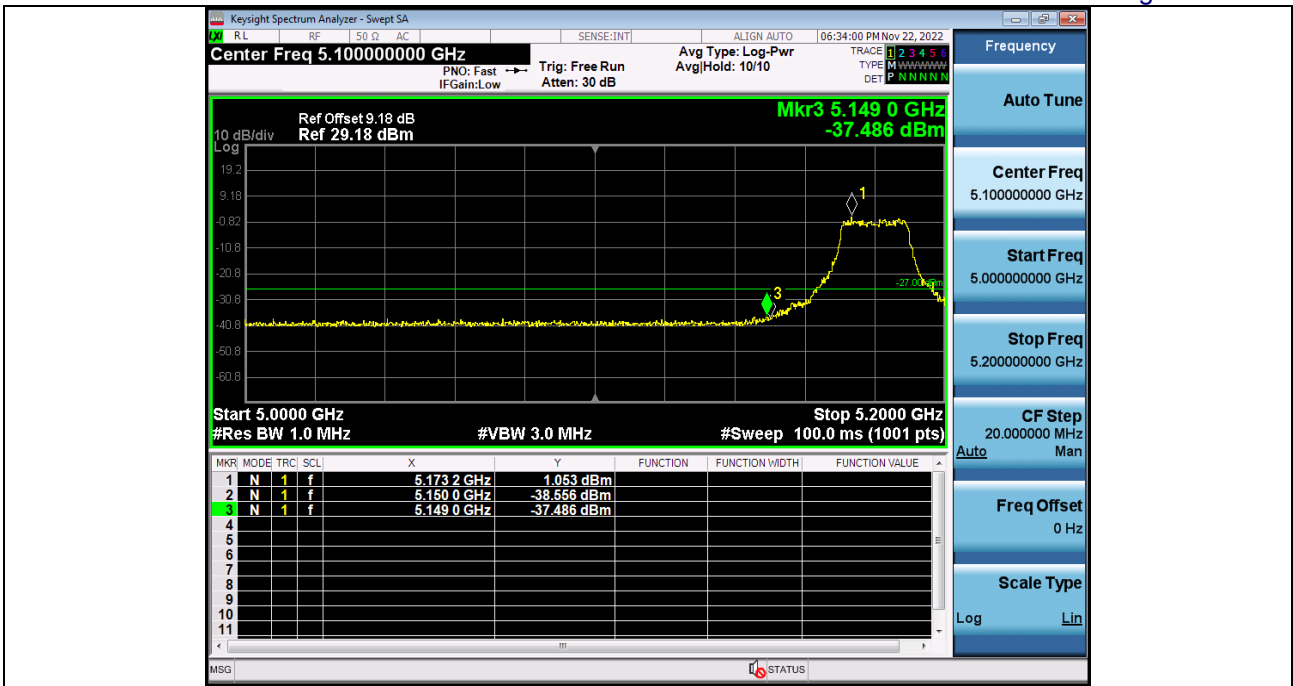
Bandedge\_5\_2GWiFi\_802\_11ac(VHT20)\_5180\_20M



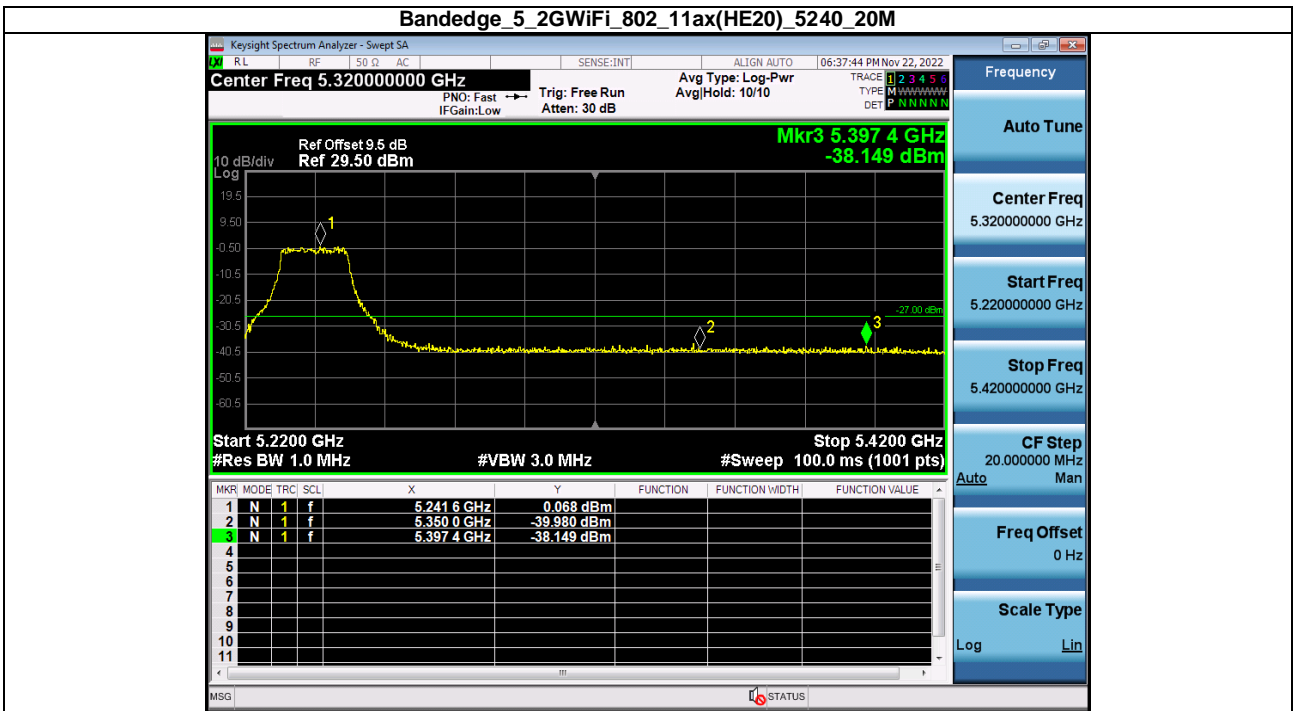
**Bandedge\_5\_2GWiFi\_802\_11ac(VHT20)\_5240\_20M**



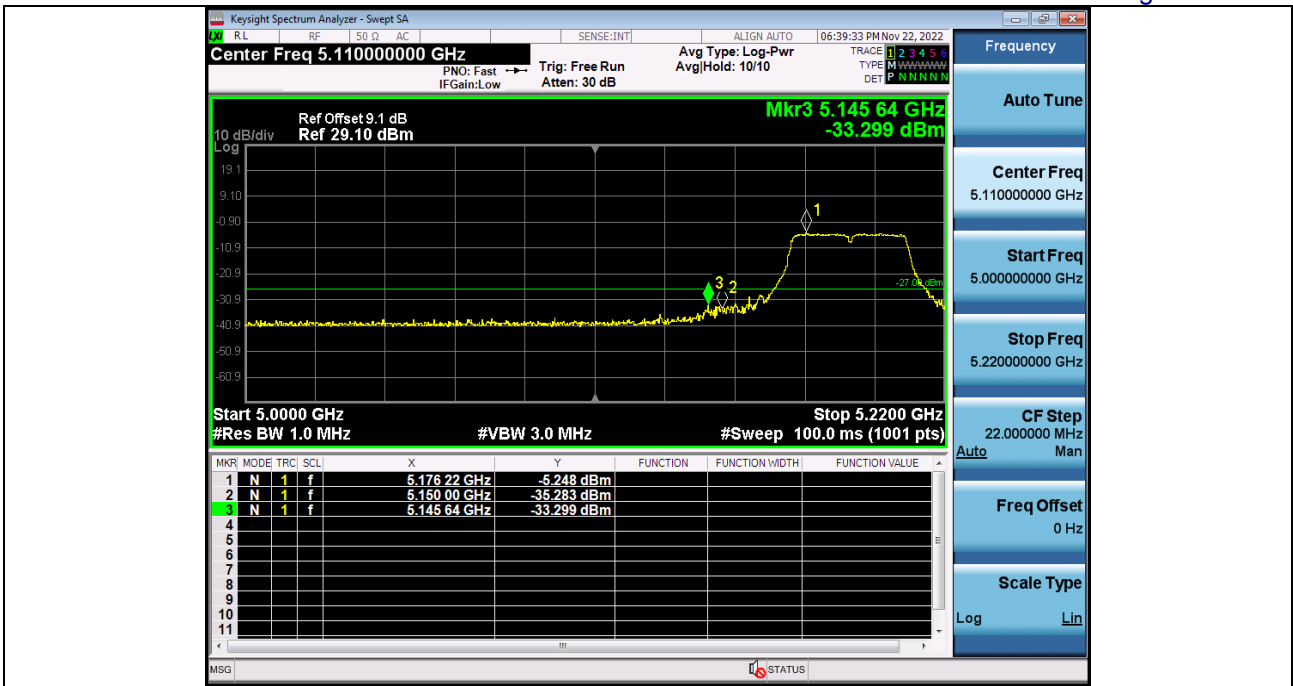
**Bandedge\_5\_2GWiFi\_802\_11ax(HE20)\_5180\_20M**



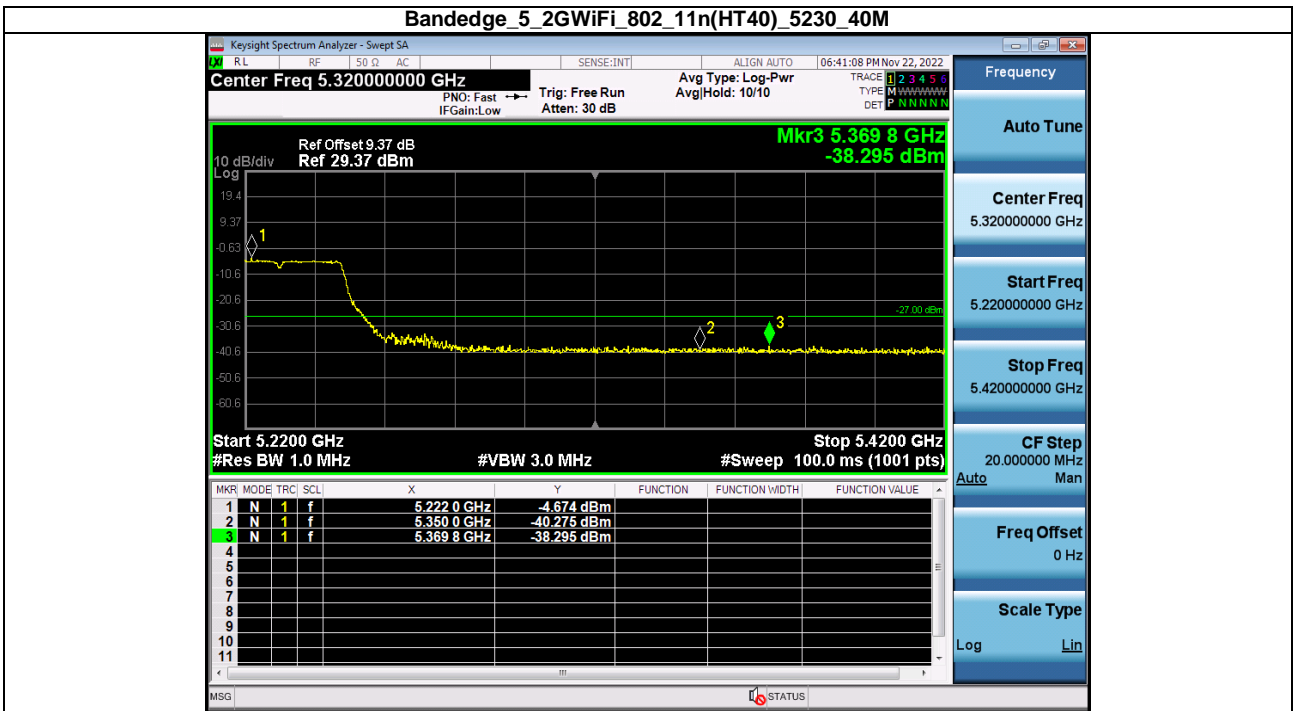
Bandedge\_5\_2GWiFi\_802\_11ax(HE20)\_5240\_20M



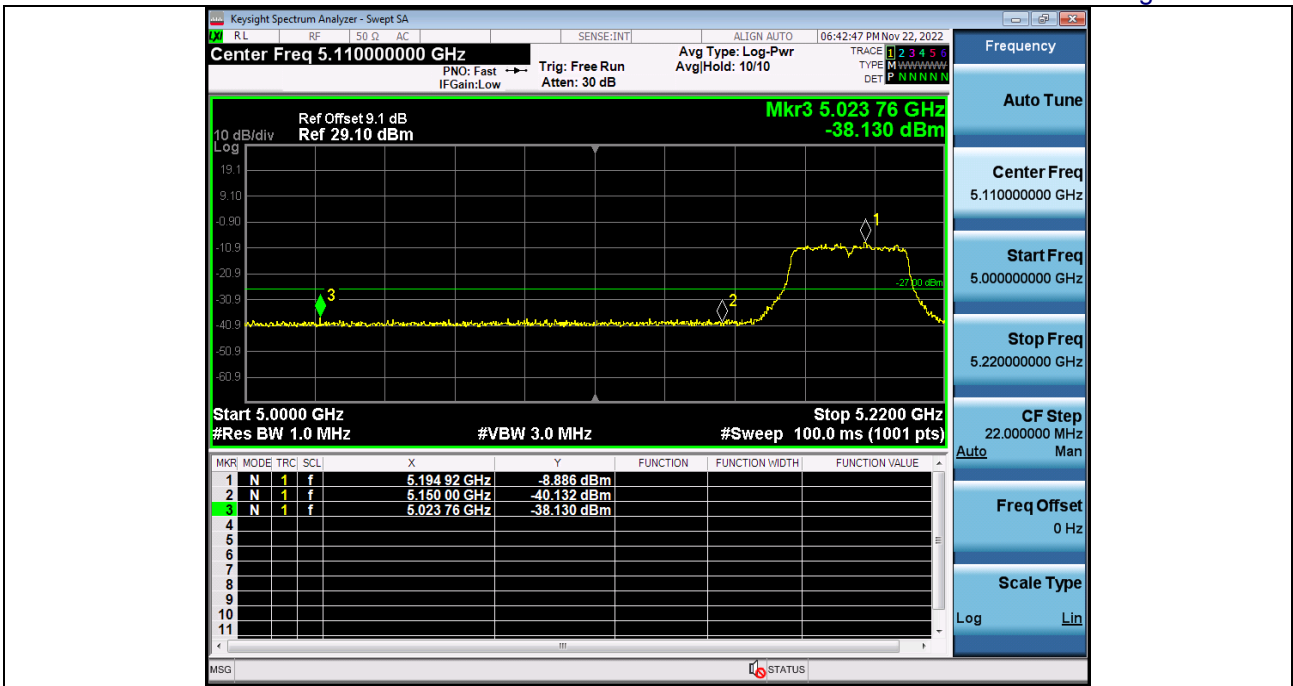
Bandedge\_5\_2GWiFi\_802\_11n(HT40)\_5190\_40M



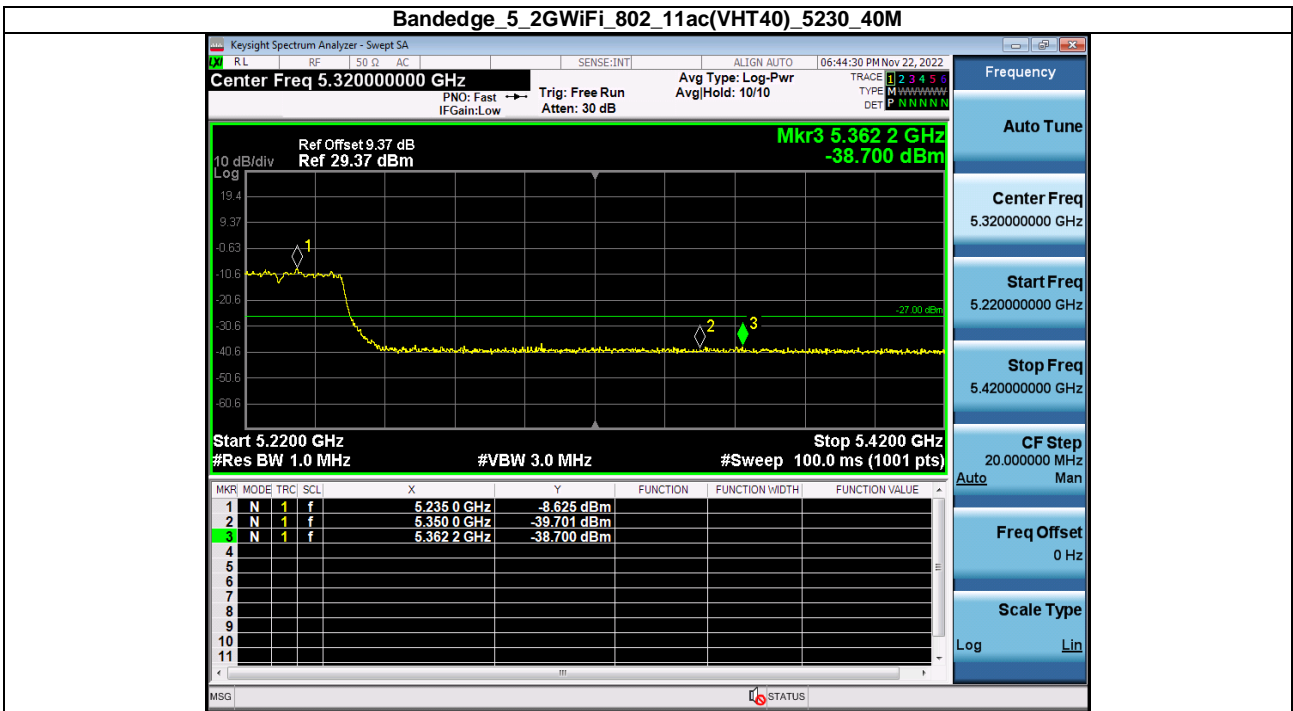
Bandedge\_5\_2GWiFi\_802\_11n(HT40)\_5230\_40M



Bandedge\_5\_2GWiFi\_802\_11ac(VHT40)\_5190\_40M

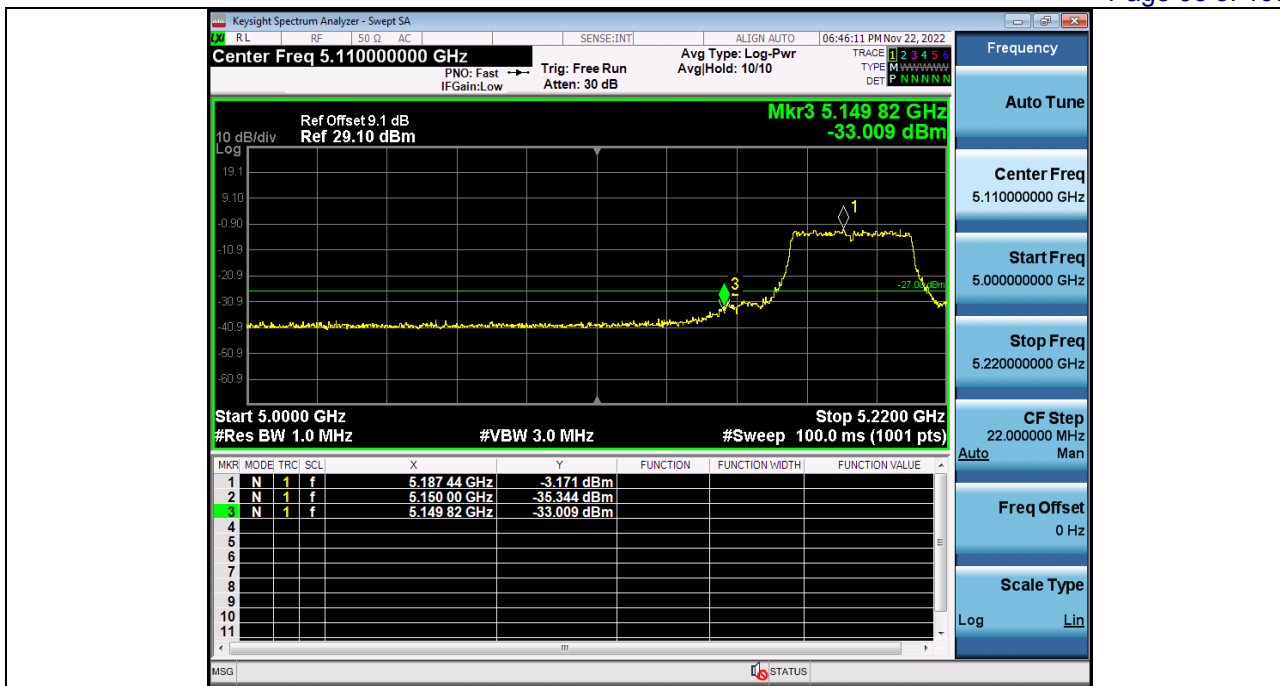


Bandedge\_5\_2GWiFi\_802\_11ac(VHT40)\_5230\_40M

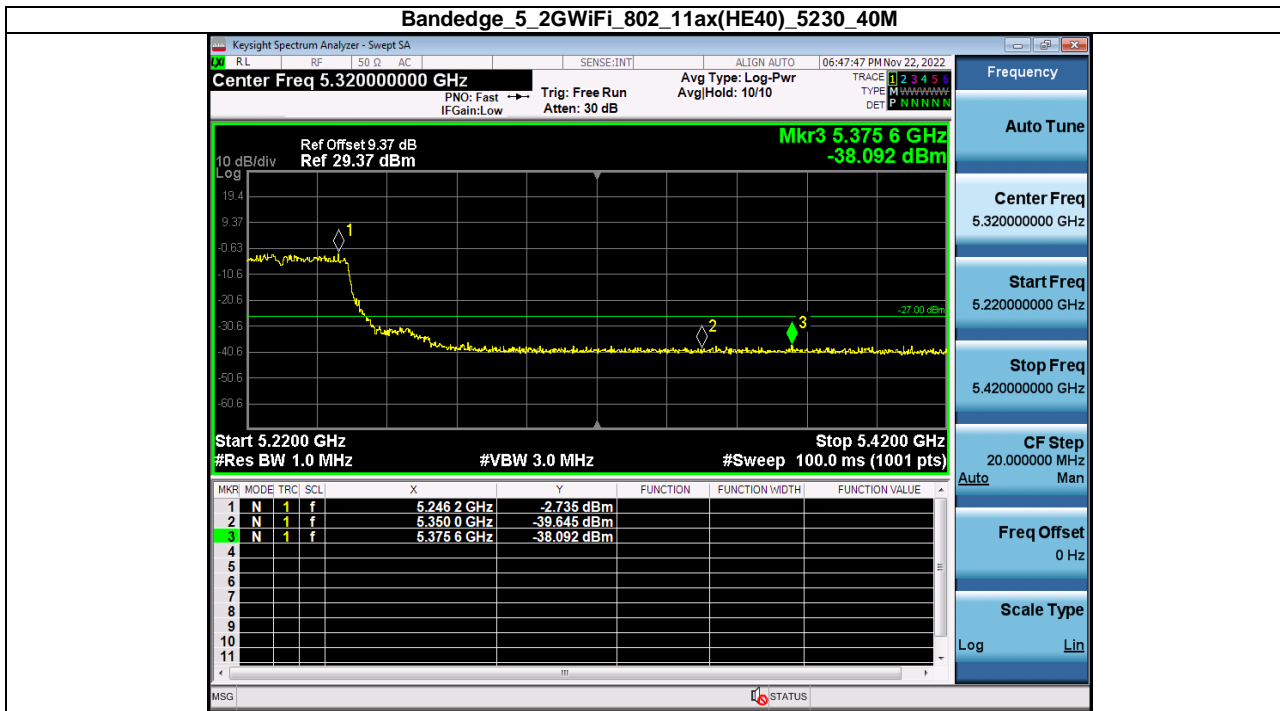


Bandedge\_5\_2GWiFi\_802\_11ax(HE40)\_5190\_40M

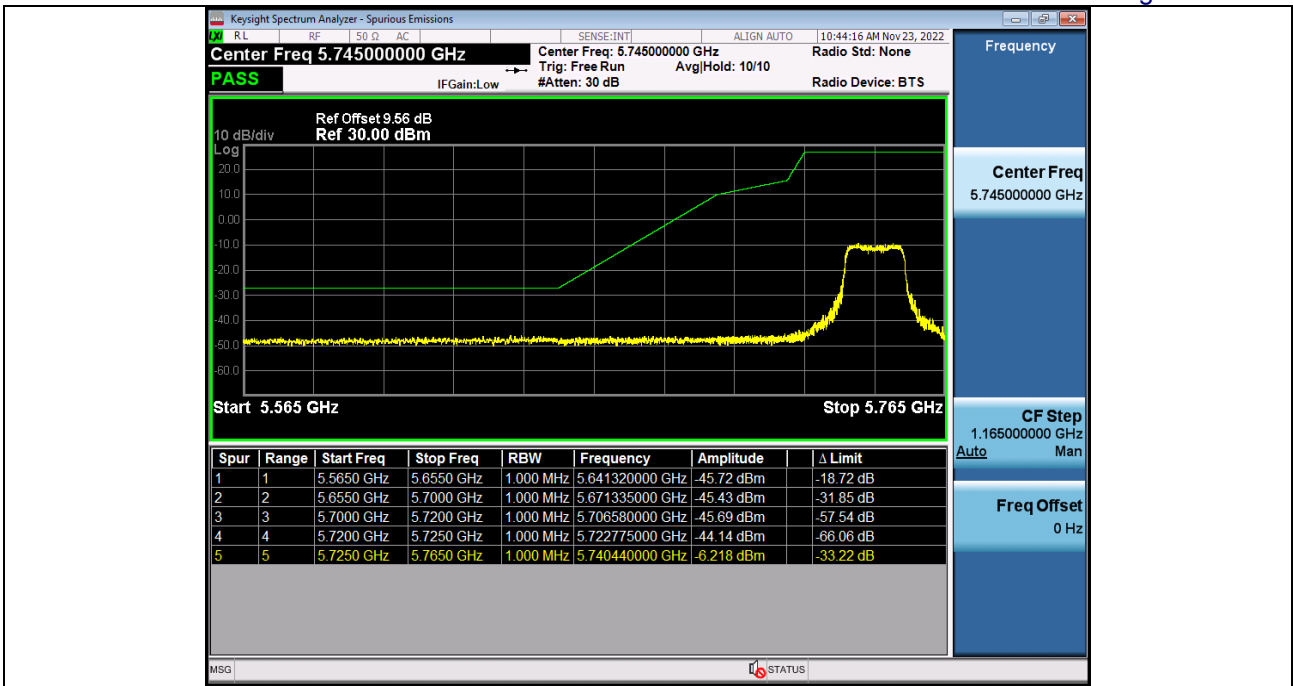




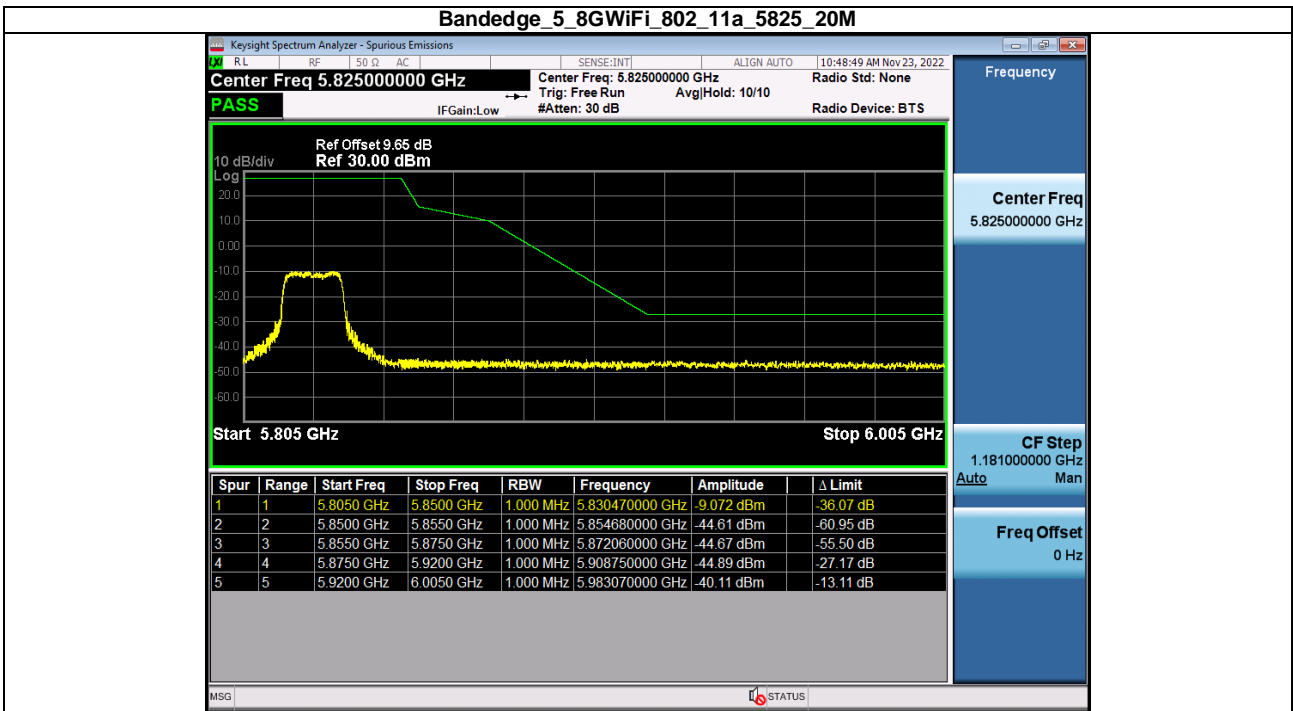
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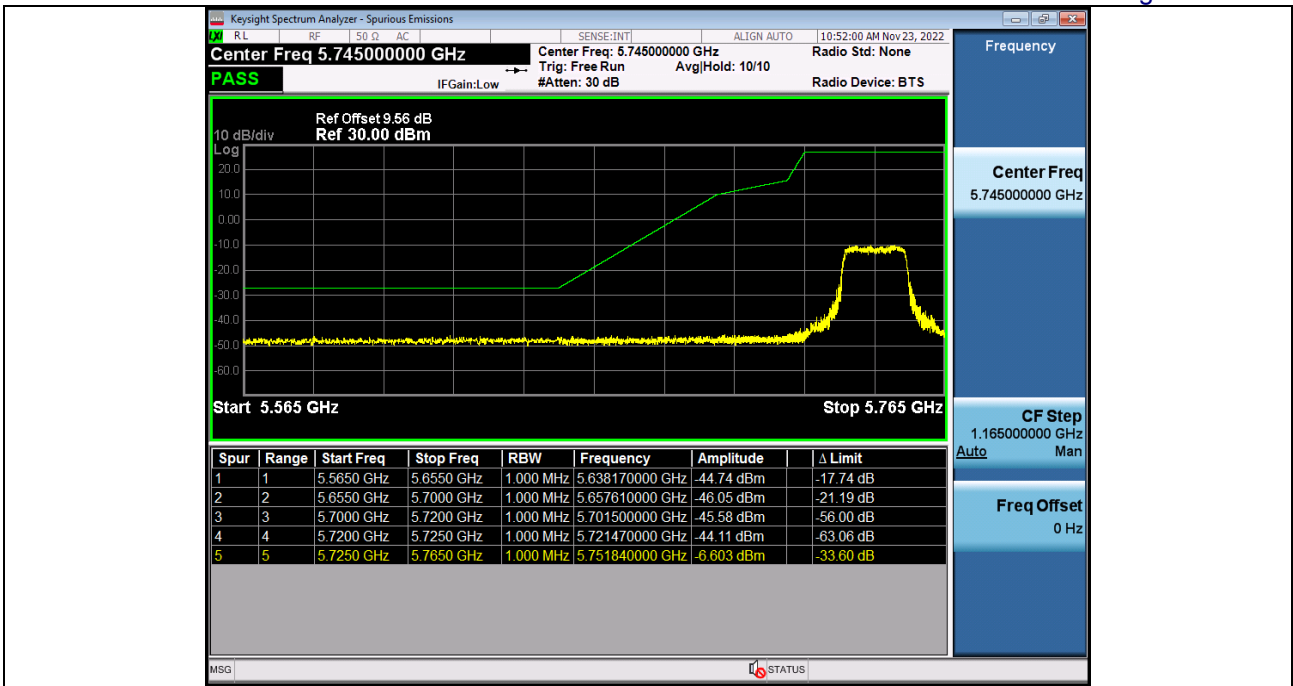
Bandedge\_5\_8GWiFi\_802\_11a\_5745\_20M



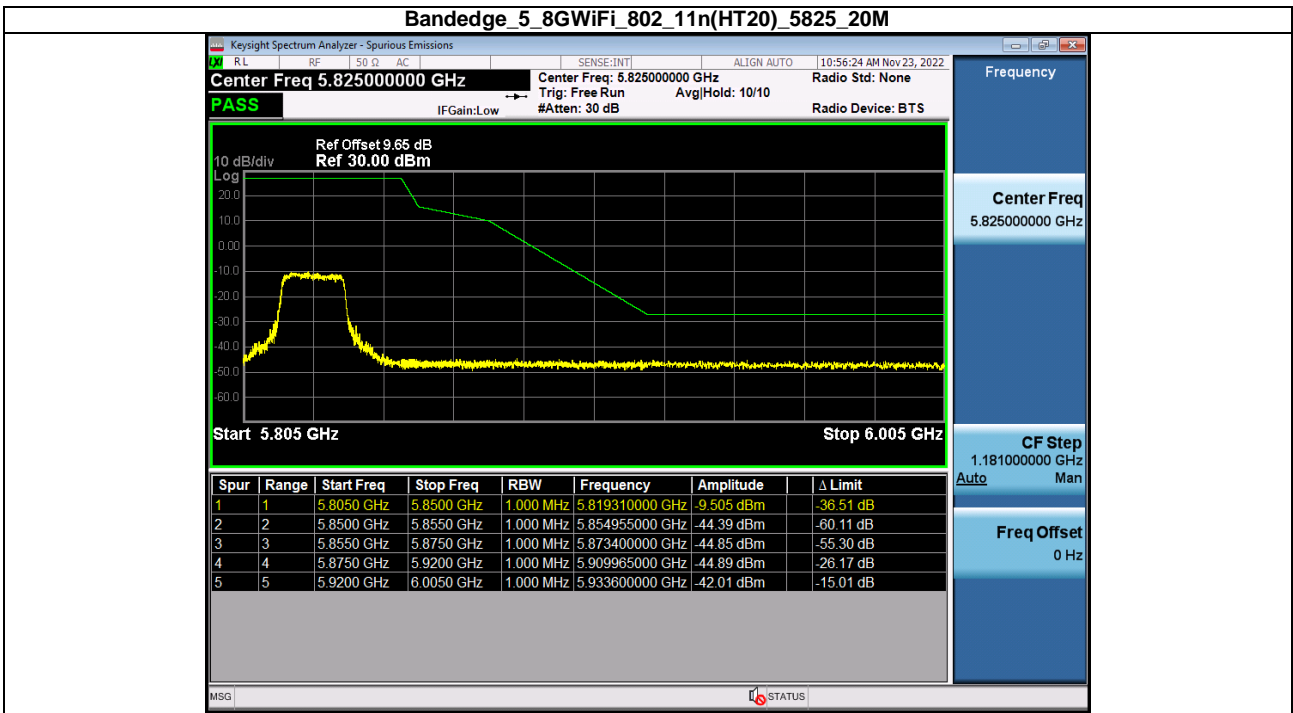
Bandedge\_5\_8WiFi\_802\_11a\_5825\_20M



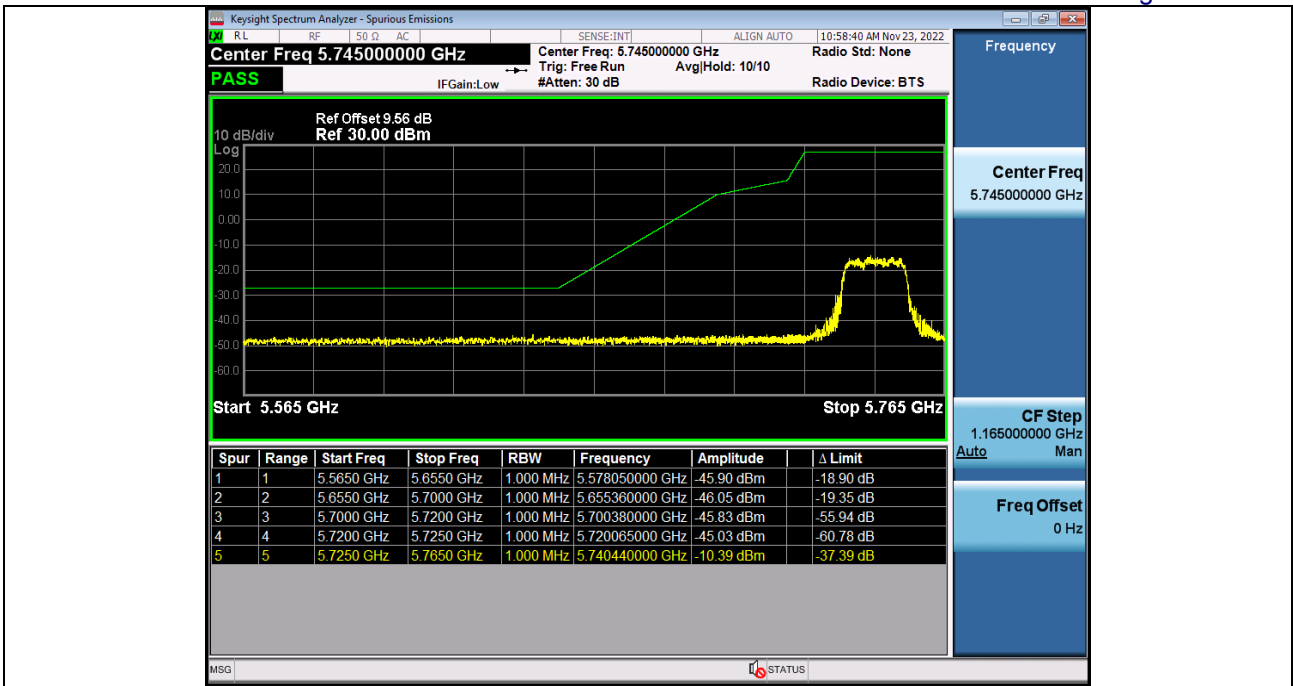
Bandedge\_5\_8WiFi\_802\_11n(HT20)\_5745\_20M



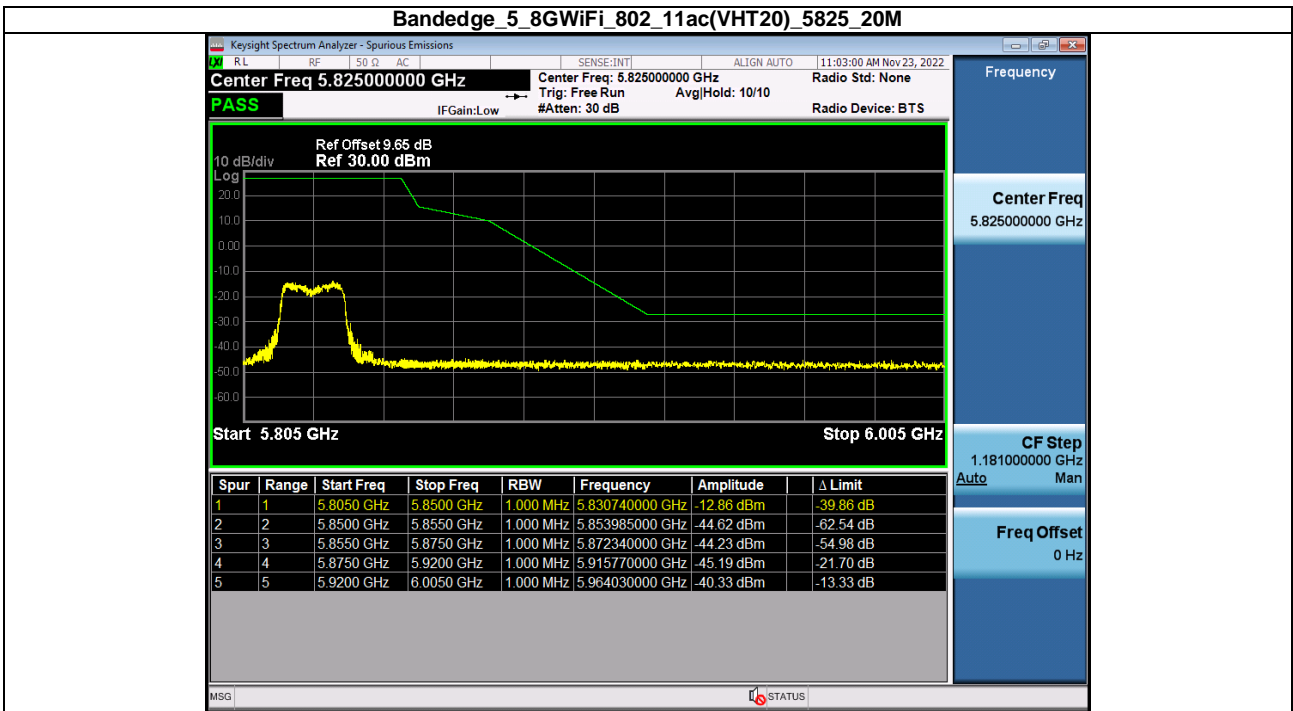
**Bandedge\_5\_8WiFi\_802\_11n(HT20)\_5825\_20M**



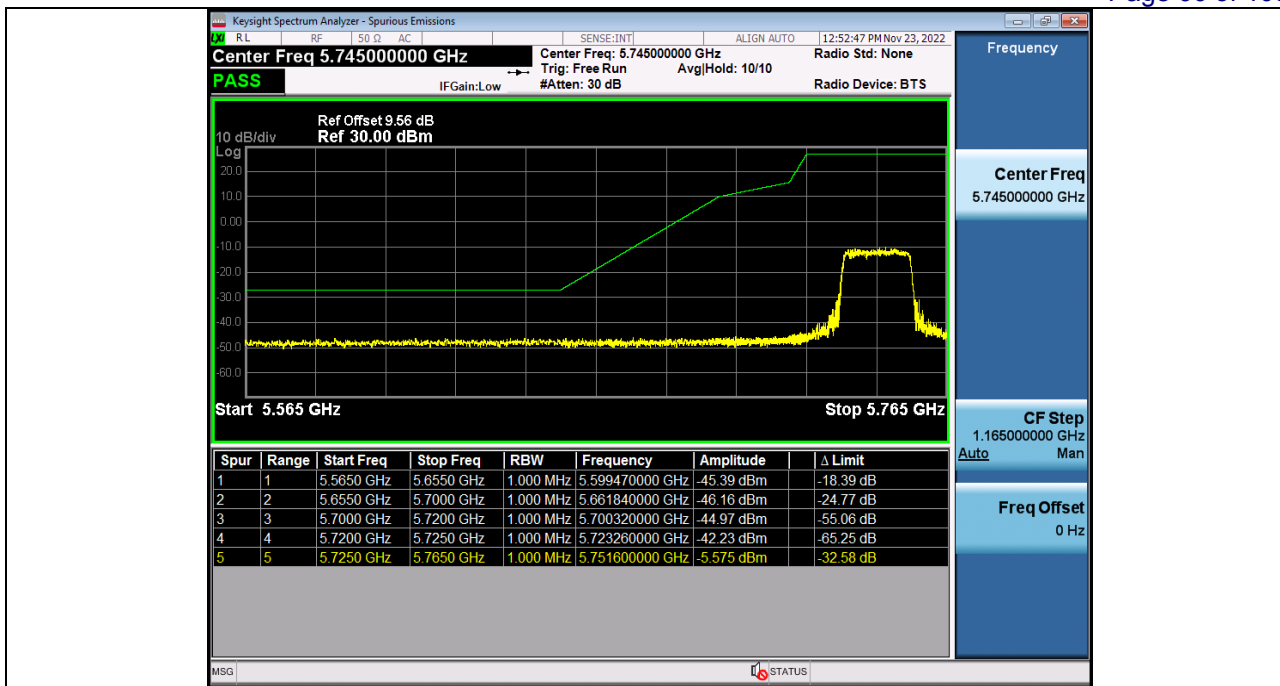
**Bandedge\_5\_8WiFi\_802\_11ac(VHT20)\_5745\_20M**



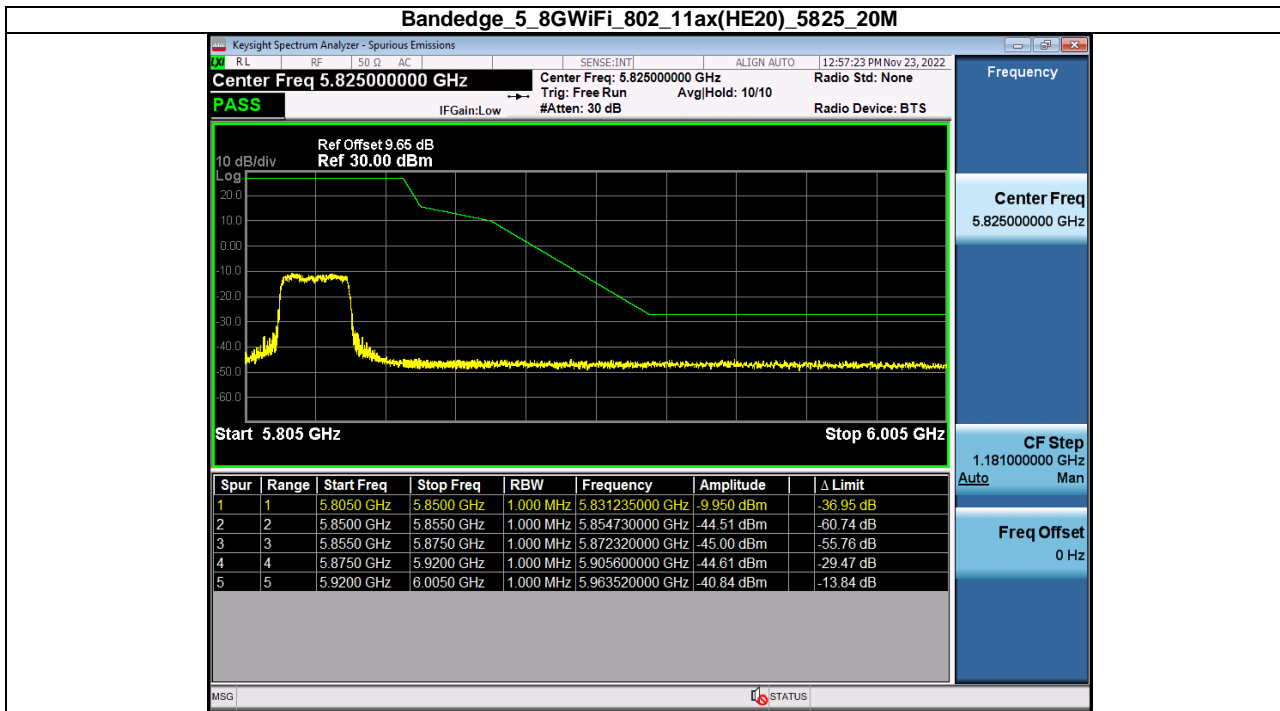
Bandedge\_5\_8WiFi\_802\_11ac(VHT20)\_5825\_20M



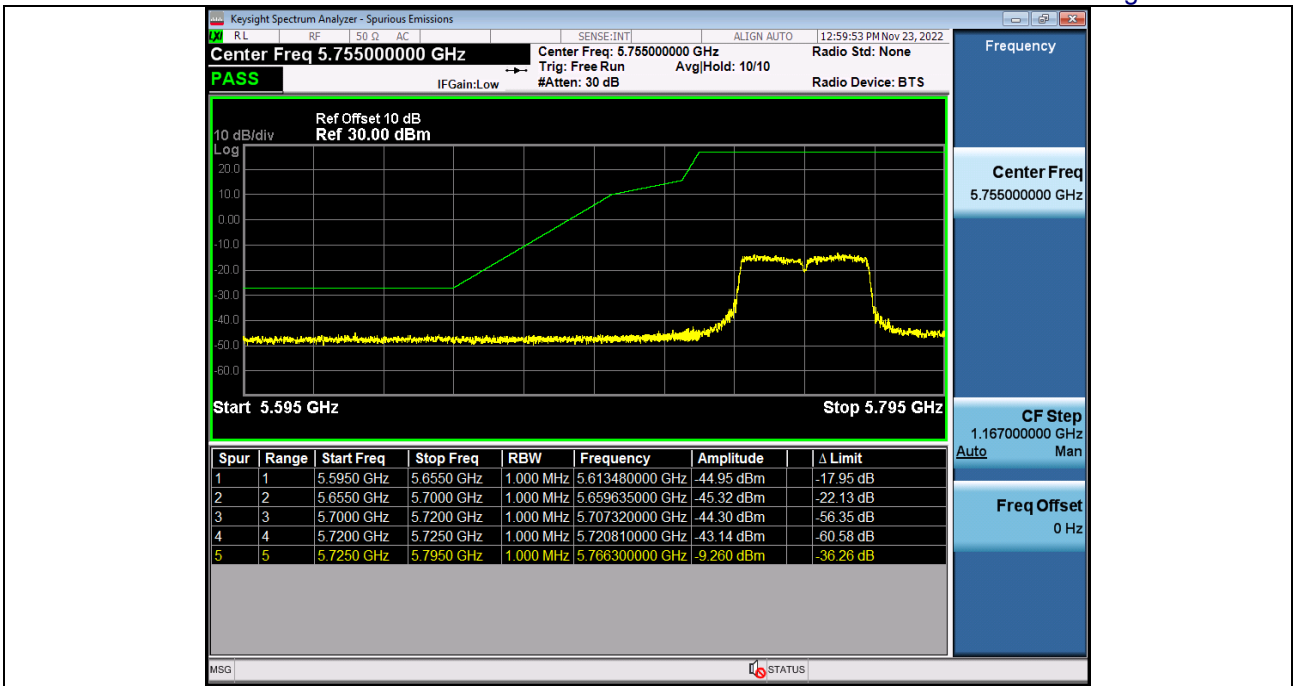
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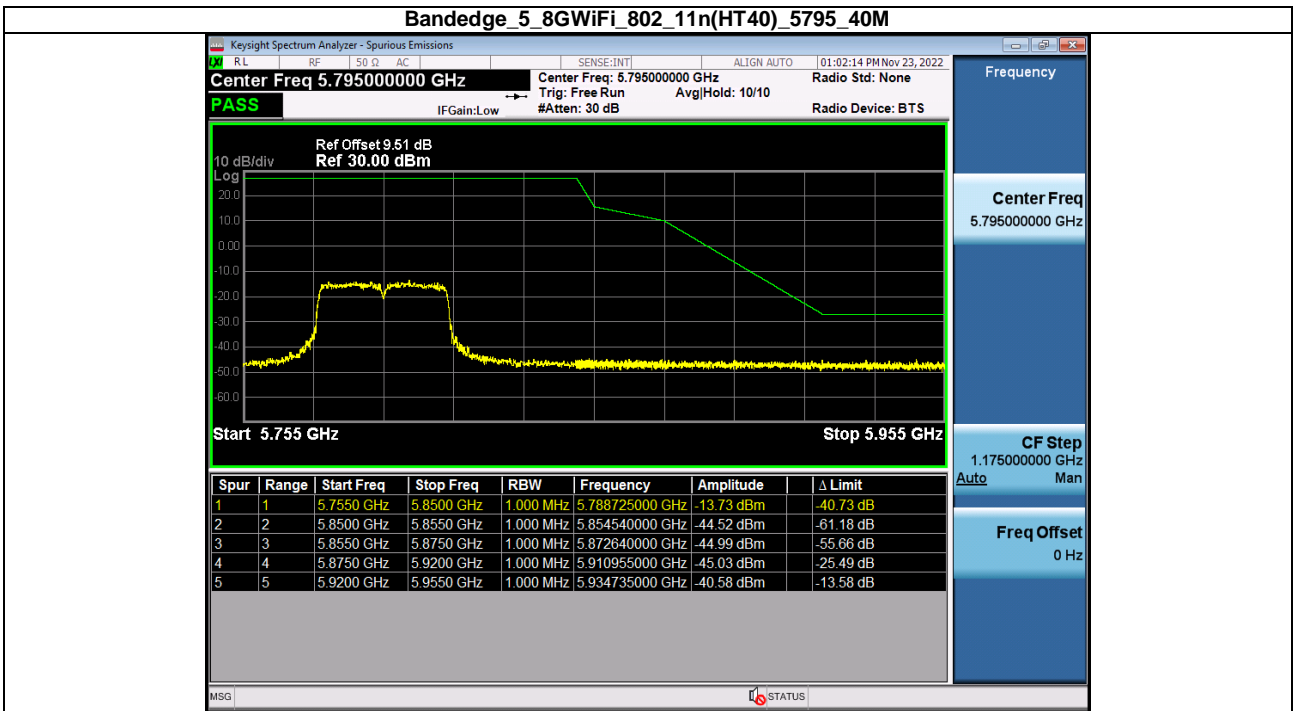
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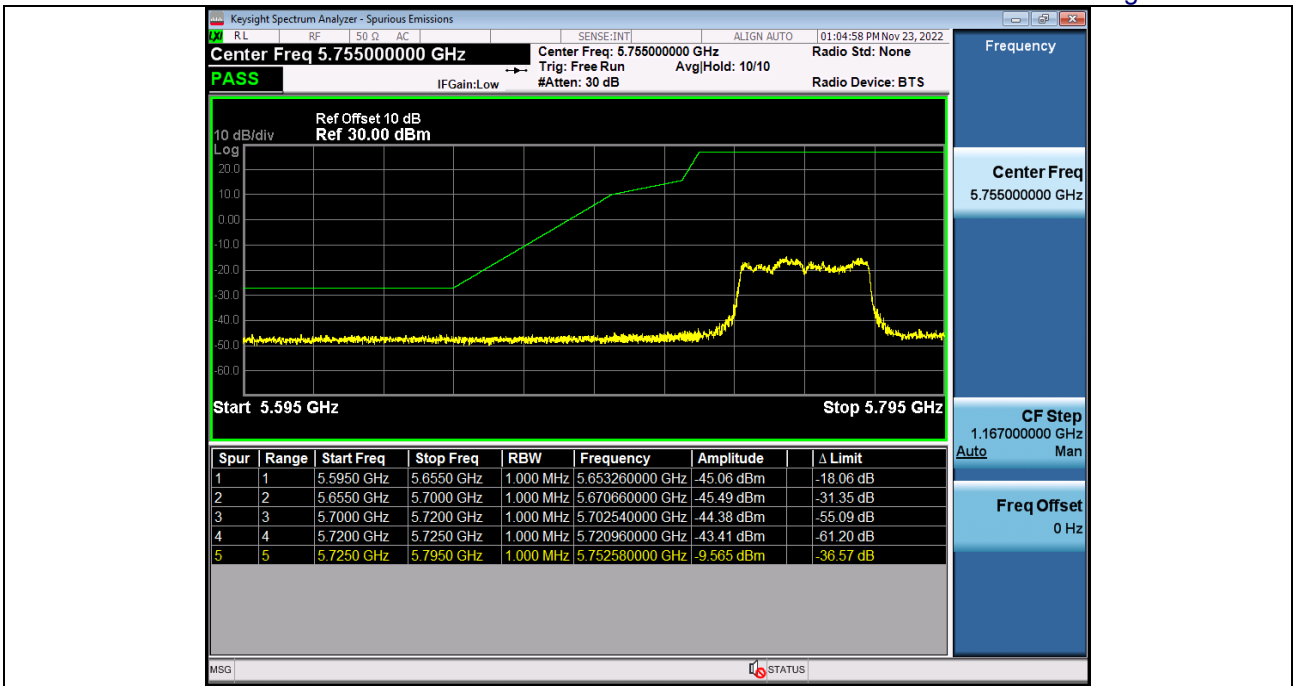
Bandedge\_5\_8WiFi\_802\_11n(HT40)\_5755\_40M



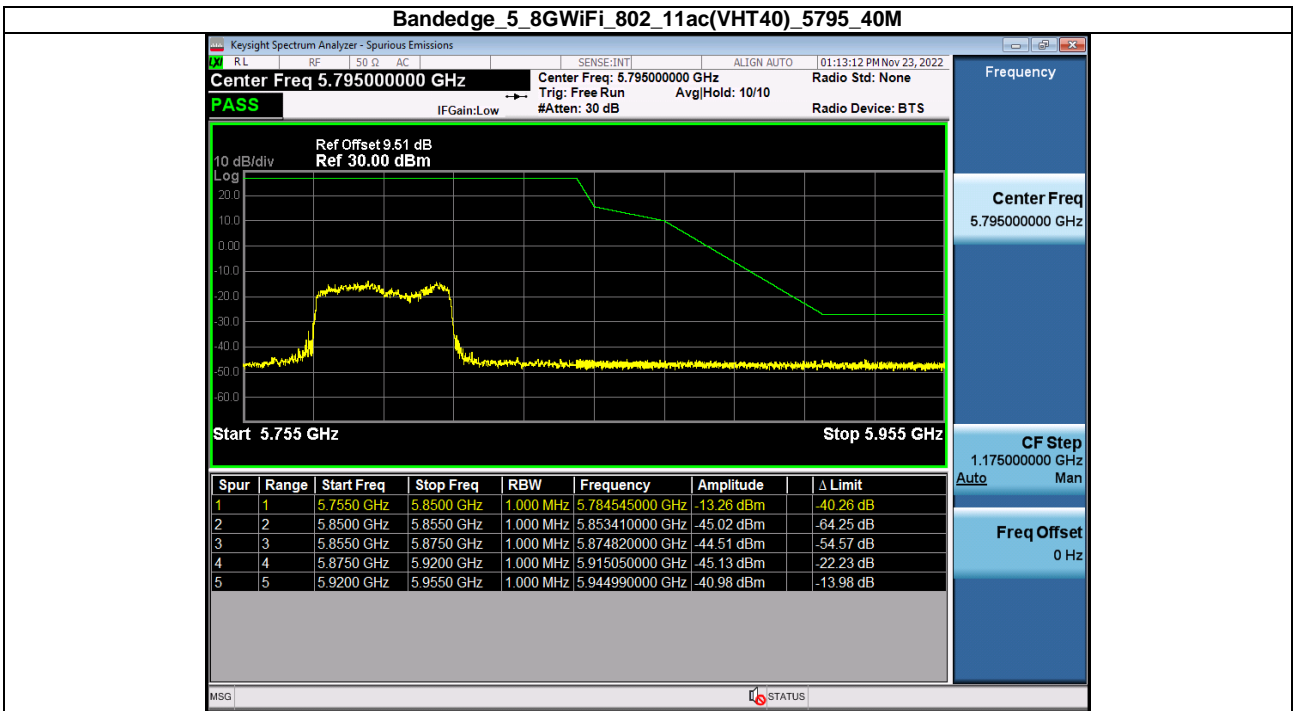
**Bandedge\_5\_8WiFi\_802\_11n(HT40)\_5795\_40M**



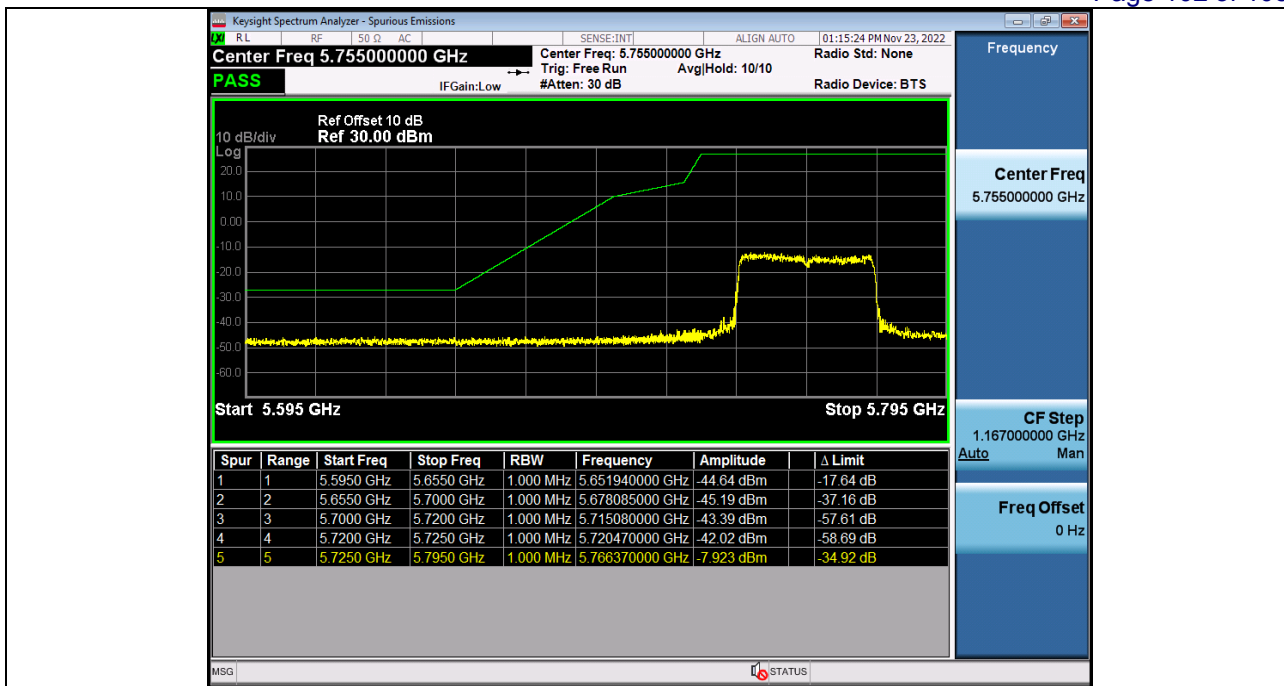
**Bandedge\_5\_8WiFi\_802\_11ac(VHT40)\_5755\_40M**



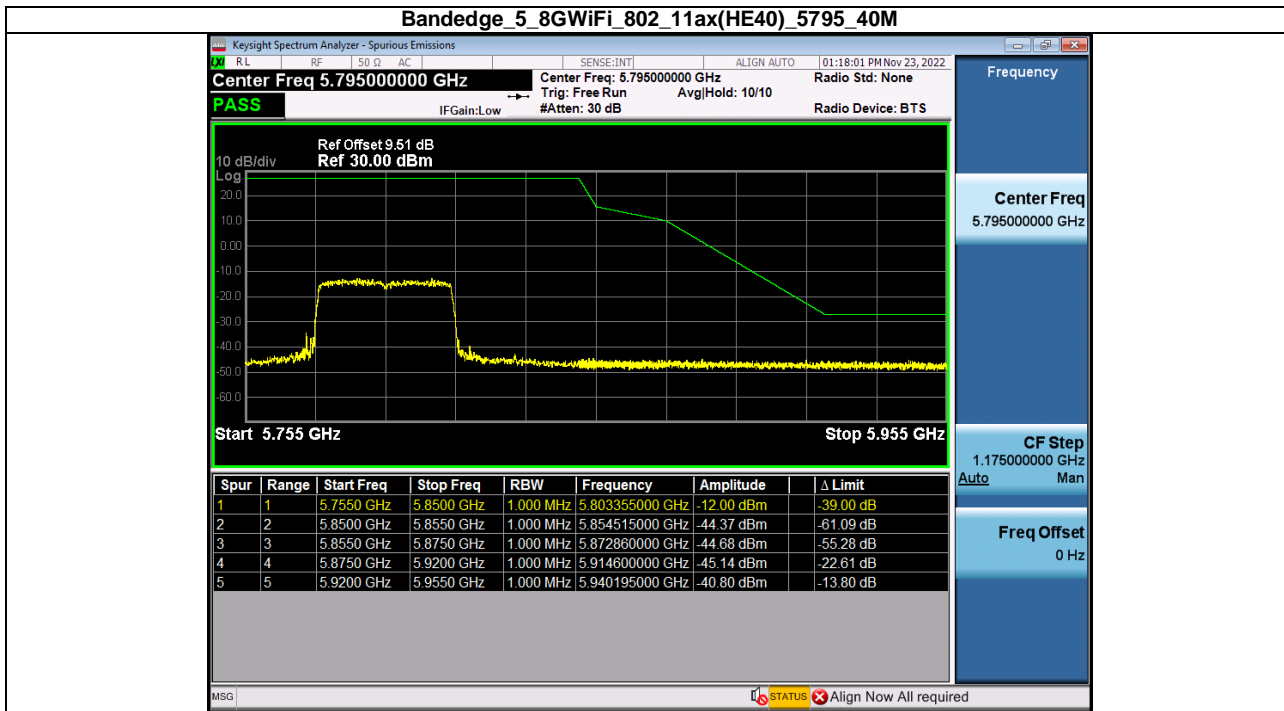
Bandedge\_5\_8WiFi\_802\_11ac(VHT40)\_5795\_40M



Bandedge\_5\_8WiFi\_802\_11ax(HE40)\_5755\_40M



Bandedge\_5\_8WiFi 802\_11ax(HE40)\_5795\_40M





## FREQUENCY STABILITY

ANT1-802.11a- CH36

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)
50	120	83	0.0160
40	120	99	0.0191
30	120	84	0.0163
20	120	75	0.0145
10	120	100	0.0192
0	120	94	0.0181
-10	120	71	0.0136
-20	120	96	0.0186
-30	120	91	0.0175

ANT1-802.11a- CH48

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)
50	120	91	0.0174
40	120	92	0.0175
30	120	90	0.0172
20	120	76	0.0144
10	120	90	0.0171
0	120	85	0.0163
-10	120	74	0.0141
-20	120	79	0.0150
-30	120	97	0.0185

ANT1-802.11a- CH149

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)
50	120	81	0.0141
40	120	84	0.0147
30	120	82	0.0143
20	120	91	0.0158
10	120	92	0.0159
0	120	85	0.0147
-10	120	76	0.0133
-20	120	75	0.0131
-30	120	93	0.0163

ANT1-802.11a- CH165

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)
50	120	76	0.0130
40	120	77	0.0133
30	120	90	0.0154
20	120	72	0.0123

10	120	96	0.0165
0	120	77	0.0131
-10	120	98	0.0169
-20	120	75	0.0129
-30	120	94	0.0162

## ANT1-802.11n20- CH36

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)
50	120	83	0.0160
40	120	93	0.0179
30	120	86	0.0166
20	120	97	0.0187
10	120	77	0.0148
0	120	80	0.0154
-10	120	81	0.0156
-20	120	71	0.0137
-30	120	94	0.0181

## ANT1-802.11n20- CH149

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)
50	120	88	0.0153
40	120	78	0.0135
30	120	97	0.0169
20	120	81	0.0141
10	120	92	0.0159
0	120	89	0.0155
-10	120	75	0.0131
-20	120	91	0.0158
-30	120	75	0.0131

## ANT1-802.11n20- CH165

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)
50	120	90	0.0154
40	120	96	0.0166
30	120	94	0.0161
20	120	93	0.0159
10	120	87	0.0150
0	120	90	0.0154
-10	120	95	0.0162
-20	120	84	0.0144
-30	120	80	0.0137

## ANT1-802.11n40- CH38

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)

50	120	93	0.0180
40	120	95	0.0183
30	120	77	0.0148
20	120	95	0.0182
10	120	74	0.0142
0	120	89	0.0172
-10	120	94	0.0181
-20	120	70	0.0136
-30	120	90	0.0174

## ANT1-802.11n40- CH151

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)
50	120	98	0.0171
40	120	98	0.0171
30	120	95	0.0165
20	120	79	0.0137
10	120	82	0.0142
0	120	70	0.0122
-10	120	99	0.0172
-20	120	98	0.0170
-30	120	82	0.0142

## ANT1-802.11n40- CH159

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)
50	120	99	0.0171
40	120	74	0.0127
30	120	73	0.0126
20	120	74	0.0128
10	120	94	0.0163
0	120	83	0.0143
-10	120	77	0.0133
-20	120	91	0.0156
-30	120	82	0.0141

## ANT1-802.11ac20- CH36

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)
50	120	97	0.0188
40	120	74	0.0142
30	120	82	0.0158
20	120	83	0.0160
10	120	88	0.0170
0	120	75	0.0145
-10	120	100	0.0192
-20	120	71	0.0137
-30	120	78	0.0150

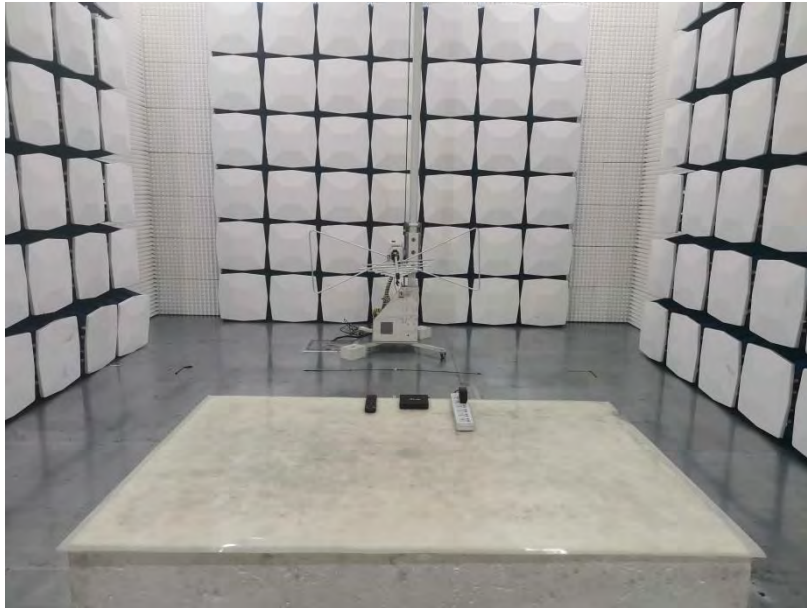
## ANT1-802.11ac20- CH149

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)
50	120	91	0.0158
40	120	79	0.0137
30	120	72	0.0125
20	120	99	0.0173
10	120	100	0.0174
0	120	82	0.0142
-10	120	72	0.0125
-20	120	96	0.0167
-30	120	99	0.0172

## ANT1-802.11ac20- CH165

Temperature (°C)	Voltage (AC:V)	Frequency Measure with time Elapsed	
		Fre. deviation value (Hz)	(ppm)
50	120	78	0.0133
40	120	94	0.0162
30	120	95	0.0164
20	120	87	0.0149
10	120	79	0.0135
0	120	85	0.0145
-10	120	88	0.0152
-20	120	81	0.0139
-30	120	97	0.0167

12. TEST SETUP PHOTO





### 13. EUT CONSTRUCTIONAL DETAILS

Reference to the external photos file and internal photos file for details.

\*\*\*\*\* END OF REPORT \*\*\*\*\*