

3. Power Spectral Density

Condition	Modulation	Frequency (MHz)	PSD(dBm/MHz)		Limit (dBm/MHz)	MIMO PSD (dBm/MHz)	MIMO PSD limit (dBm/MHz)	Result
			ANT1	ANT2				
NVNT	802.11a	5180.00	2.007	1.507	11.00	/	/	Pass
NVNT	802.11a	5200.00	2.602	1.733	11.00	/	/	Pass
NVNT	802.11a	5240.00	3.594	2.964	11.00	/	/	Pass
NVNT	802.11n(HT20)	5180.00	1.885	1.460	11.00	4.69	9.84	Pass
NVNT	802.11n(HT20)	5200.00	2.358	1.850	11.00	5.12	9.84	Pass
NVNT	802.11n(HT20)	5240.00	3.687	2.953	11.00	6.35	9.84	Pass
NVNT	802.11ac(VHT20)	5180.00	1.215	1.673	11.00	4.46	9.84	Pass
NVNT	802.11ac(VHT20)	5200.00	2.124	2.084	11.00	5.11	9.84	Pass
NVNT	802.11ac(VHT20)	5240.00	2.401	2.608	11.00	5.52	9.84	Pass
NVNT	802.11n(HT40)	5190.00	-1.060	-1.881	11.00	1.56	9.84	Pass
NVNT	802.11n(HT40)	5230.00	-0.815	-0.440	11.00	2.39	9.84	Pass
NVNT	802.11ac(VHT40)	5190.00	-0.833	-1.213	11.00	1.99	9.84	Pass
NVNT	802.11ac(VHT40)	5230.00	0.227	0.211	11.00	3.23	9.84	Pass
NVNT	802.11ac(VHT80)	5210.00	-4.771	-5.279	11.00	-2.01	9.84	Pass

Note: MMO limit=limit-(MIMO gain-6)=11-(7.16-6)=9.84dBm/MHz

ANT1



Power Spectral Density 5_2GWiFi 802_11a 5240_20M



Power Spectral Density 5_2GWiFi 802_11n(HT20) 5180_20M



Power Spectral Density 5_2GWiFi 802_11n(HT20) 5200_20M



Power Spectral Density 5 2GWiFi 802 11n(HT20) 5240 20M



Power Spectral Density 5 2GWiFi 802 11ac(VHT20) 5180 20M



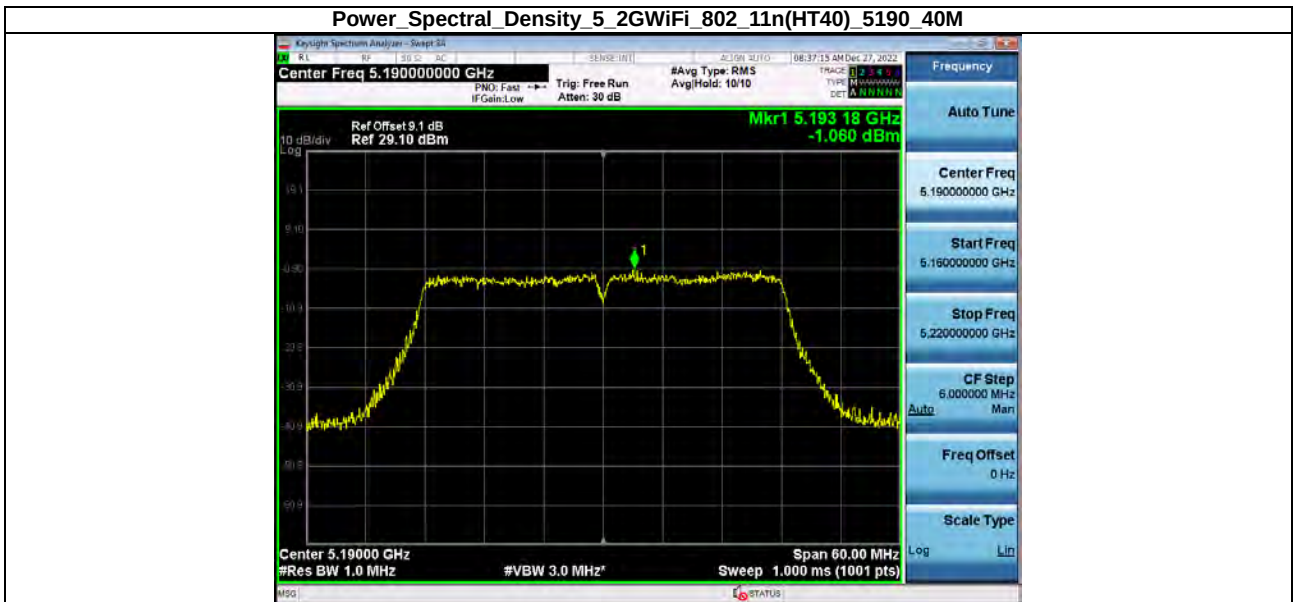
Power Spectral Density 5 2GWiFi 802 11ac(VHT20) 5200 20M



Power Spectral Density 5_2GWiFi_802_11ac(VHT20)_5240_20M



Power Spectral Density 5_2GWiFi_802_11n(HT40)_5190_40M



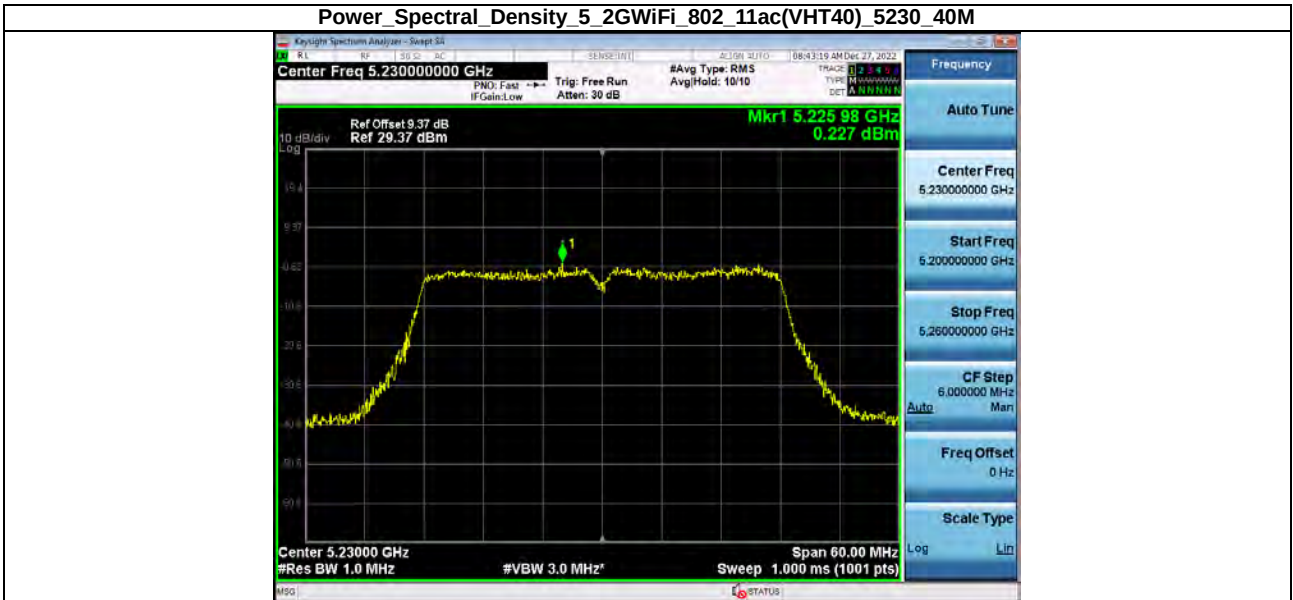
Power Spectral Density 5_2GWiFi_802_11n(HT40)_5230_40M



Power Spectral Density 5 2GWiFi 802 11ac(VHT40) 5190_40M



Power Spectral Density 5 2GWiFi 802 11ac(VHT40) 5230_40M



Power Spectral Density 5 2GWiFi 802 11ac(VHT80) 5210_80M

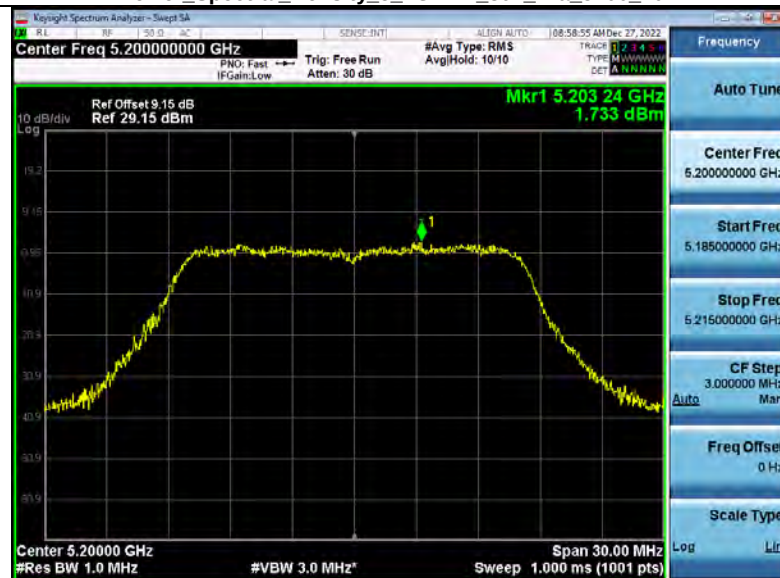


ANT2

Power Spectral Density 5_2GWiFi_802_11a_5180_20M



Power Spectral Density 5_2GWiFi_802_11a_5200_20M



Power Spectral Density 5_2GWiFi_802_11a_5240_20M





Power Spectral Density 5_2GWiFi_802_11ac(VHT20)_5180_20M



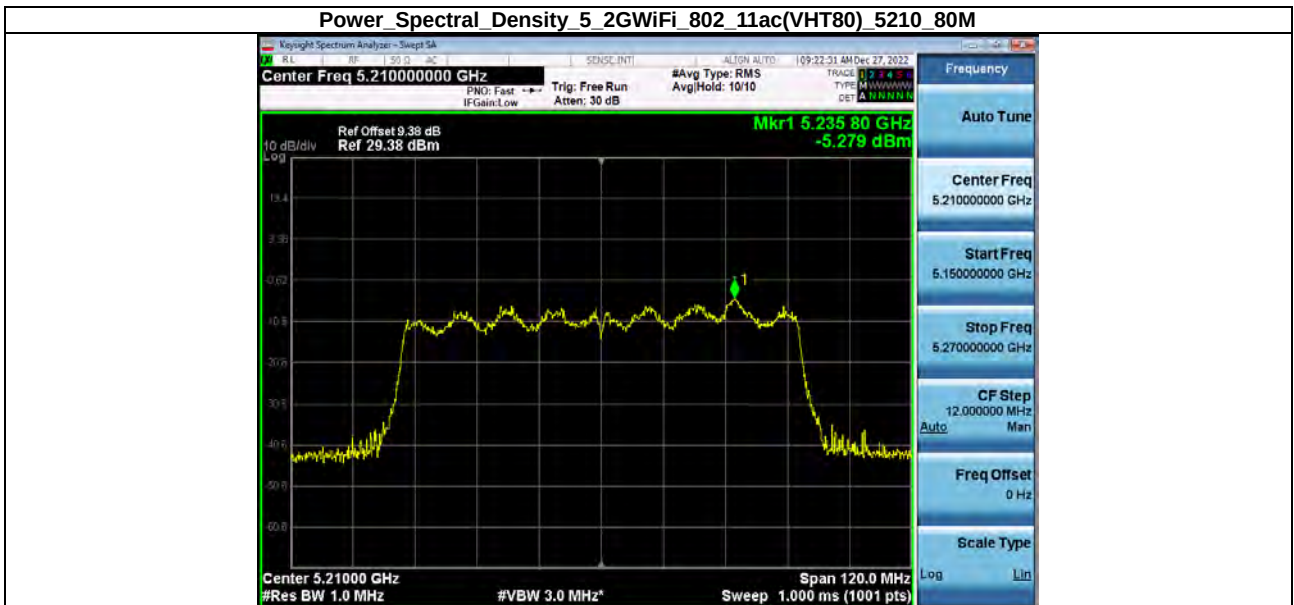
Power Spectral Density 5_2GWiFi_802_11ac(VHT20)_5200_20M



Power Spectral Density 5_2GWiFi_802_11ac(VHT20)_5240_20M

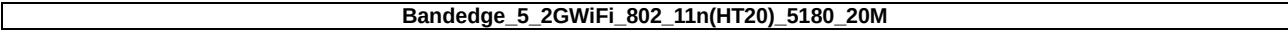
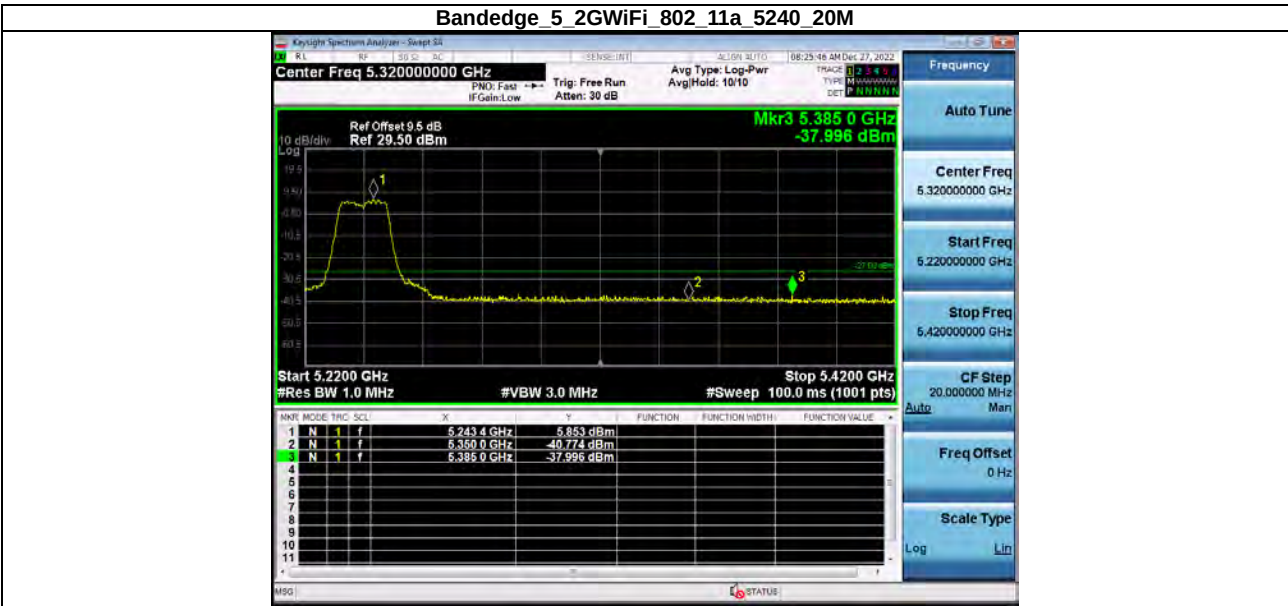
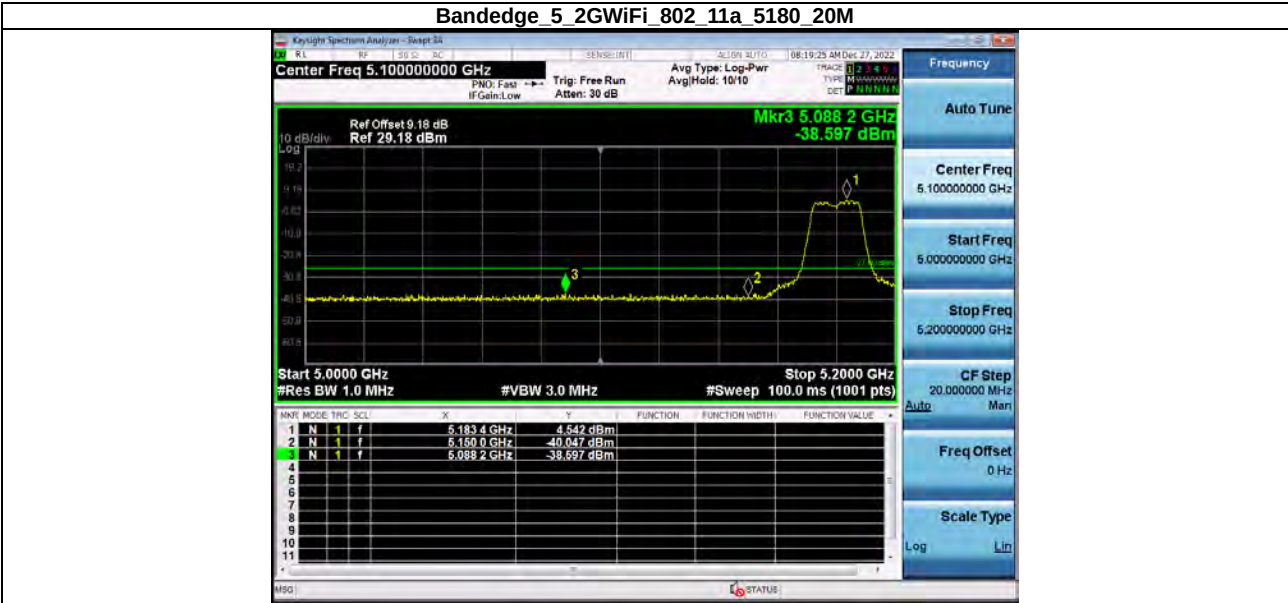


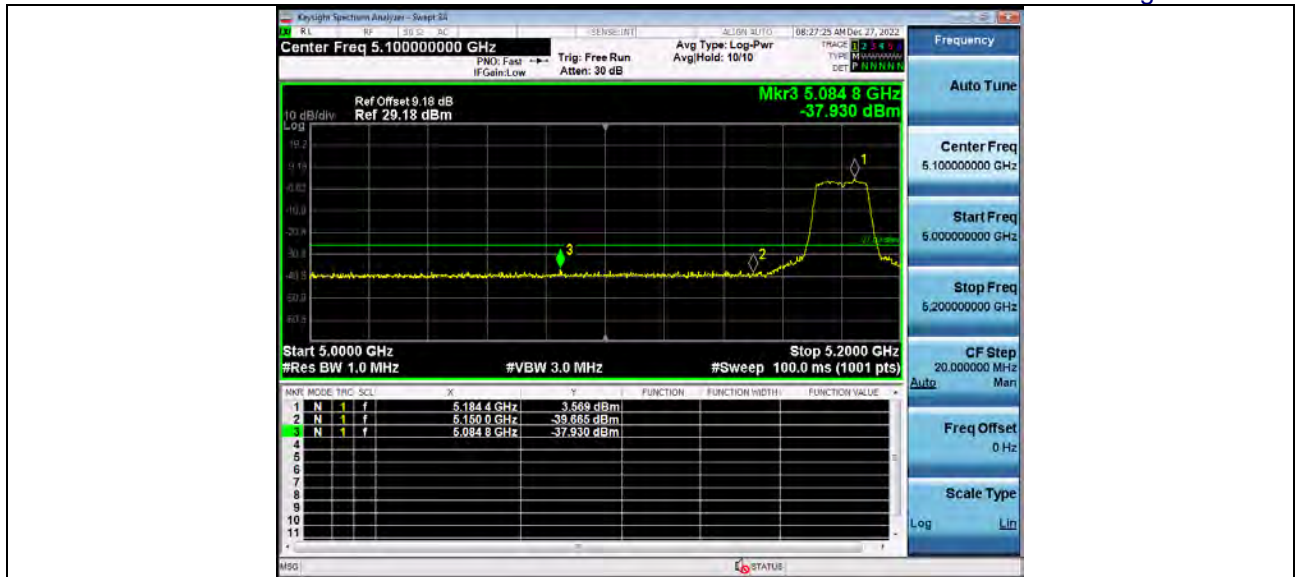




4. Bandedge

ANT1

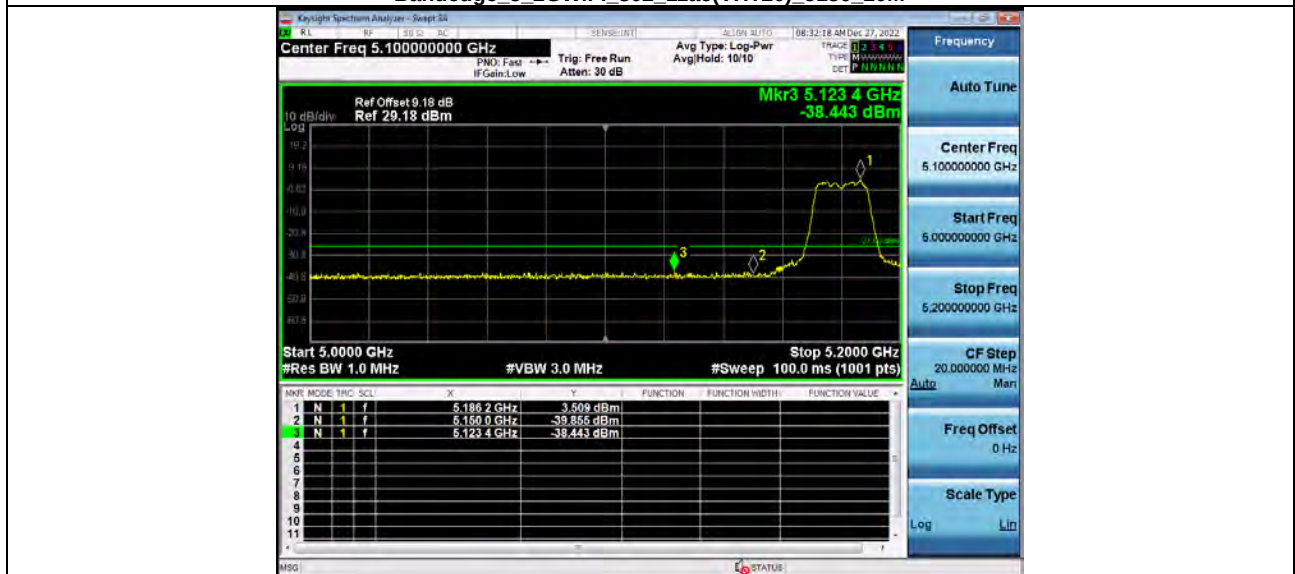




Bandedge_5_2GWiFi_802_11n(HT20)_5240_20M



Bandedge_5_2GWiFi_802_11ac(VHT20)_5180_20M



Bandedge_5_2GWiFi_802_11ac(VHT20)_5240_20M



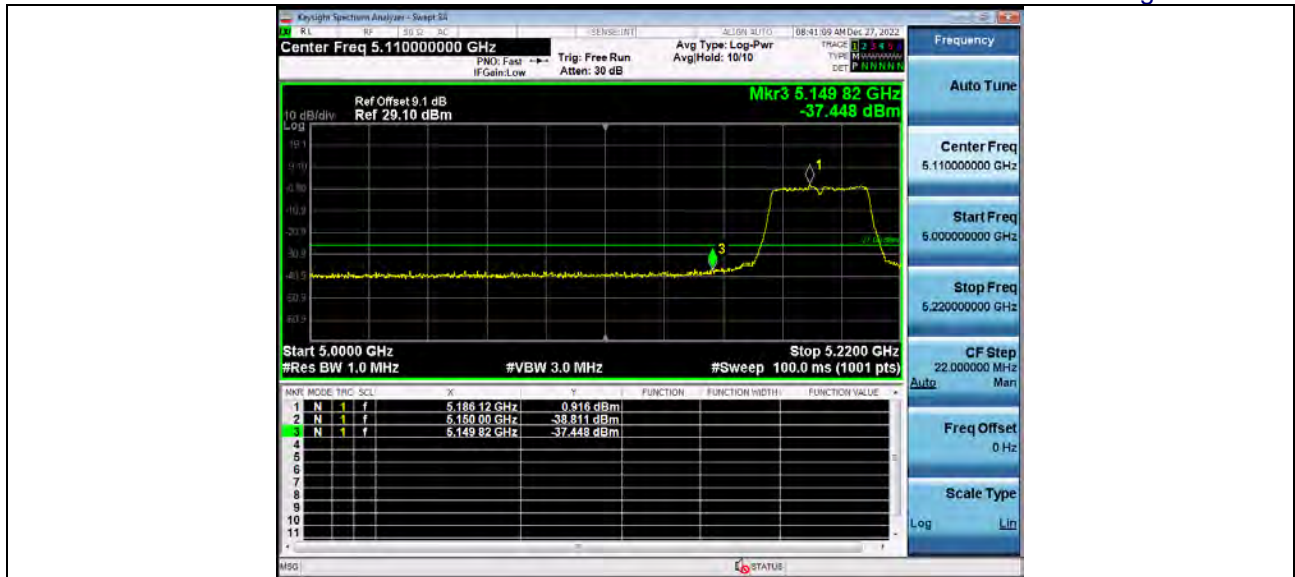
Bandedge_5_2GWiFi_802_11n(HT40)_5190_40M



Bandedge_5_2GWiFi_802_11n(HT40)_5230_40M



Bandedge_5_2GWiFi_802_11ac(VHT40)_5190_40M



Bandedge_5_2GWiFi_802_11ac(VHT40)_5230_40M

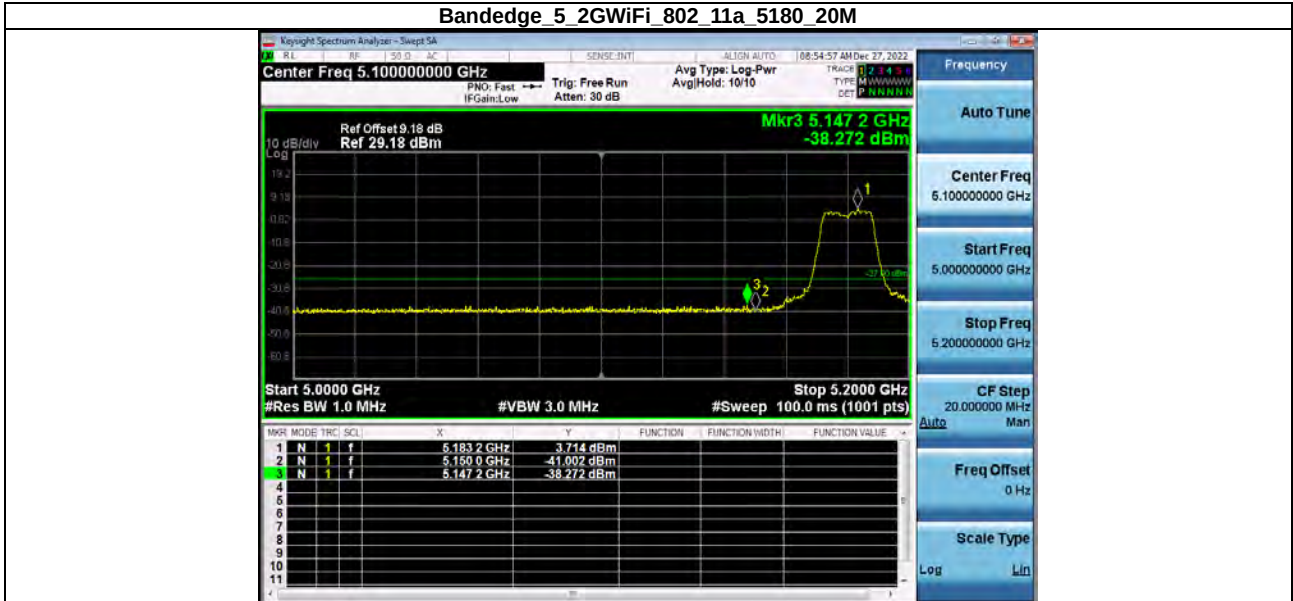


Bandedge_5_2GWiFi_802_11ac(VHT80)_5210_80M

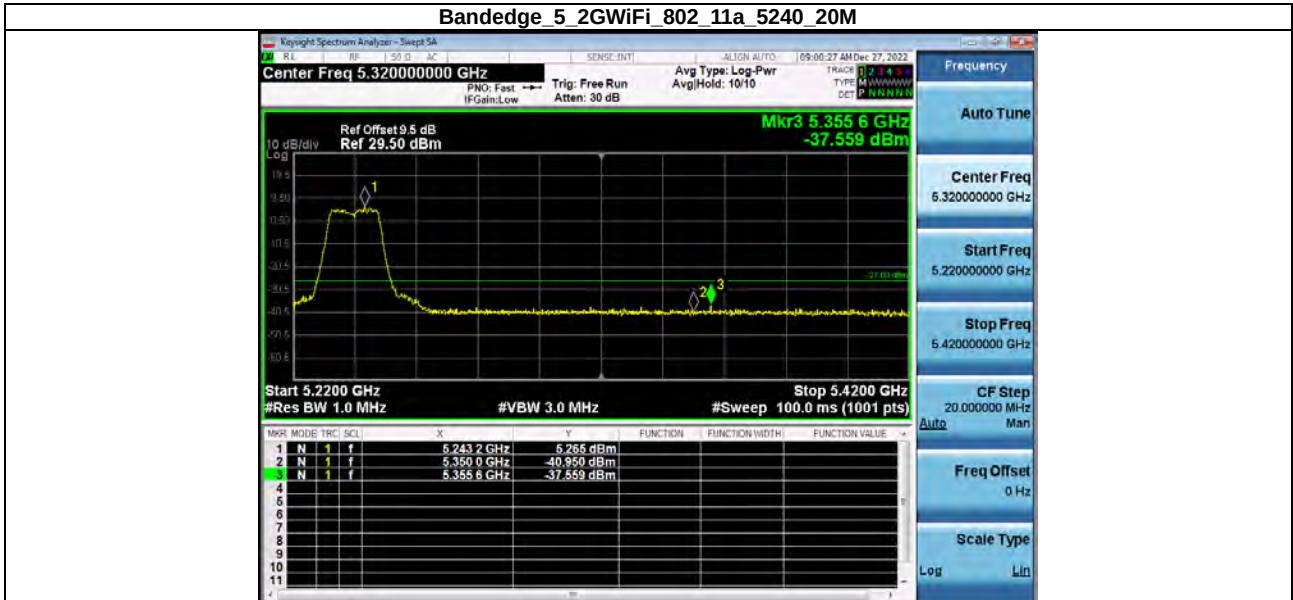


ANT2

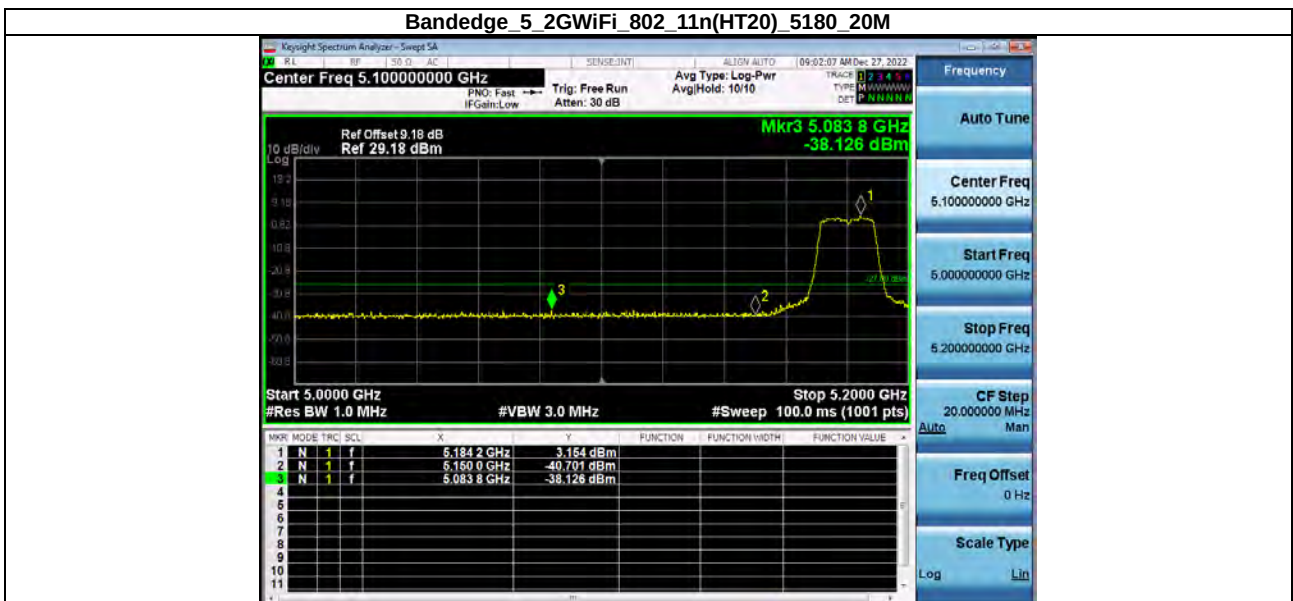
Bandedge_5_2GWiFi_802_11a_5180_20M



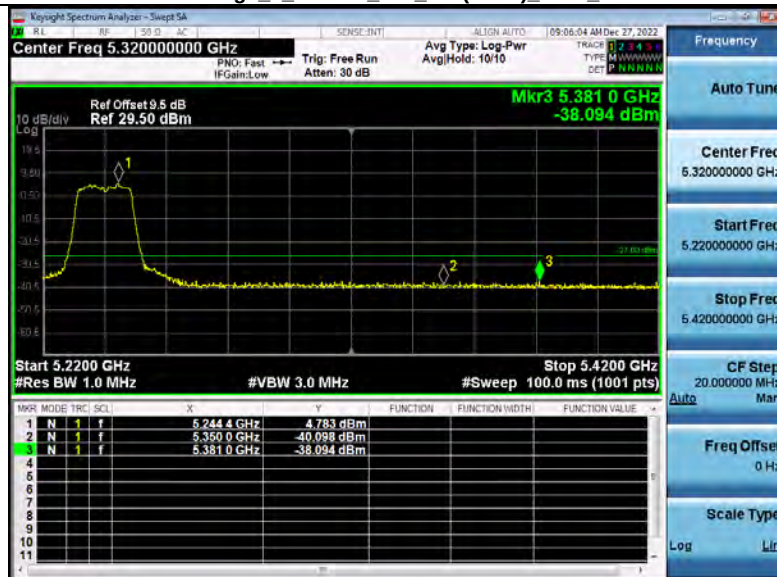
Bandedge_5_2GWiFi_802_11a_5240_20M



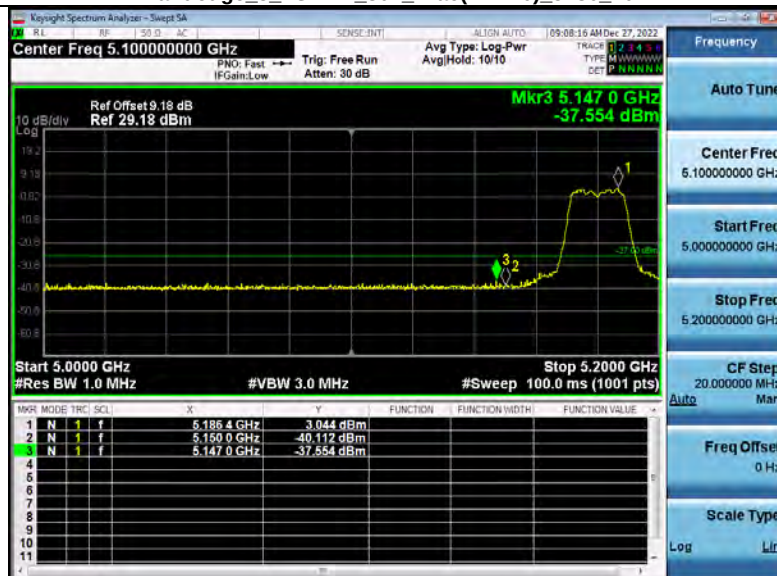
Bandedge_5_2GWiFi_802_11n(HT20)_5180_20M



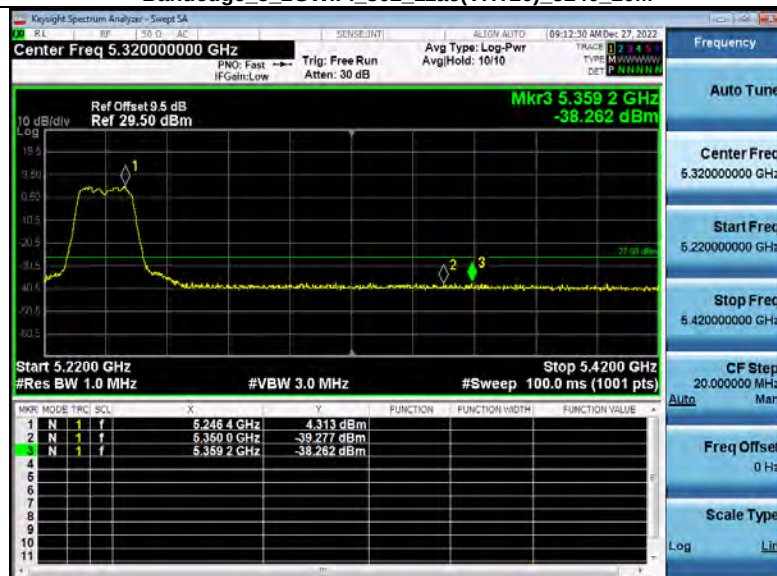
Bandedge_5_2GWiFi_802_11n(HT20)_5240_20M



Bandedge_5_2GWiFi_802_11ac(VHT20)_5180_20M



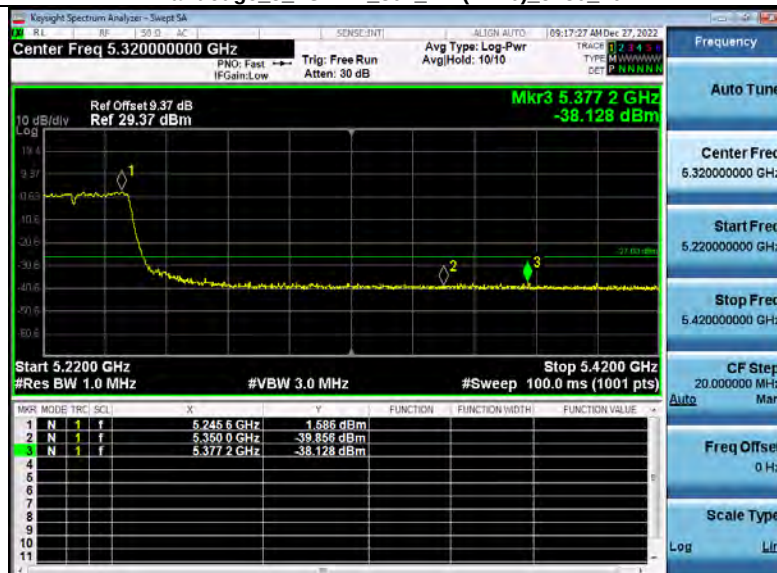
Bandedge_5_2GWiFi_802_11ac(VHT20)_5240_20M



Bandedge_5_2GWiFi_802_11n(HT40)_5190_40M



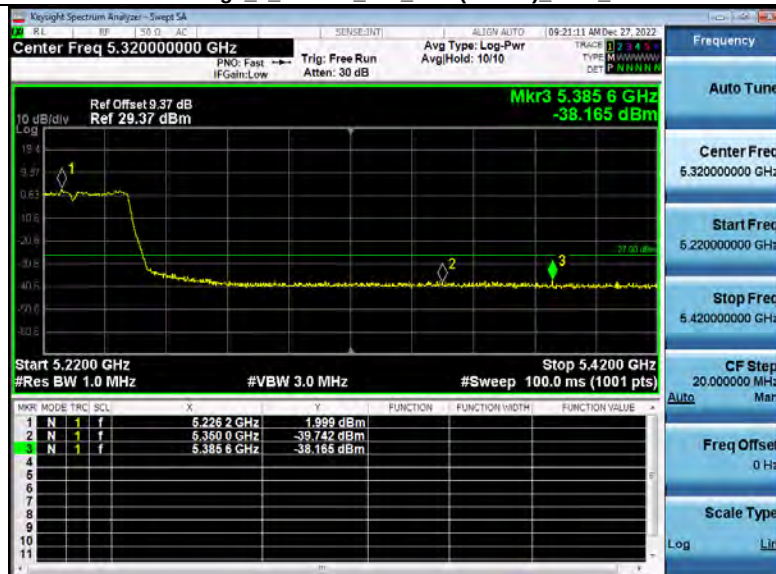
Bandedge_5_2GWiFi_802_11n(HT40)_5230_40M



Bandedge_5_2GWiFi_802_11ac(VHT40)_5190_40M



Bandedge_5_2GWiFi_802_11ac(VHT40)_5230_40M



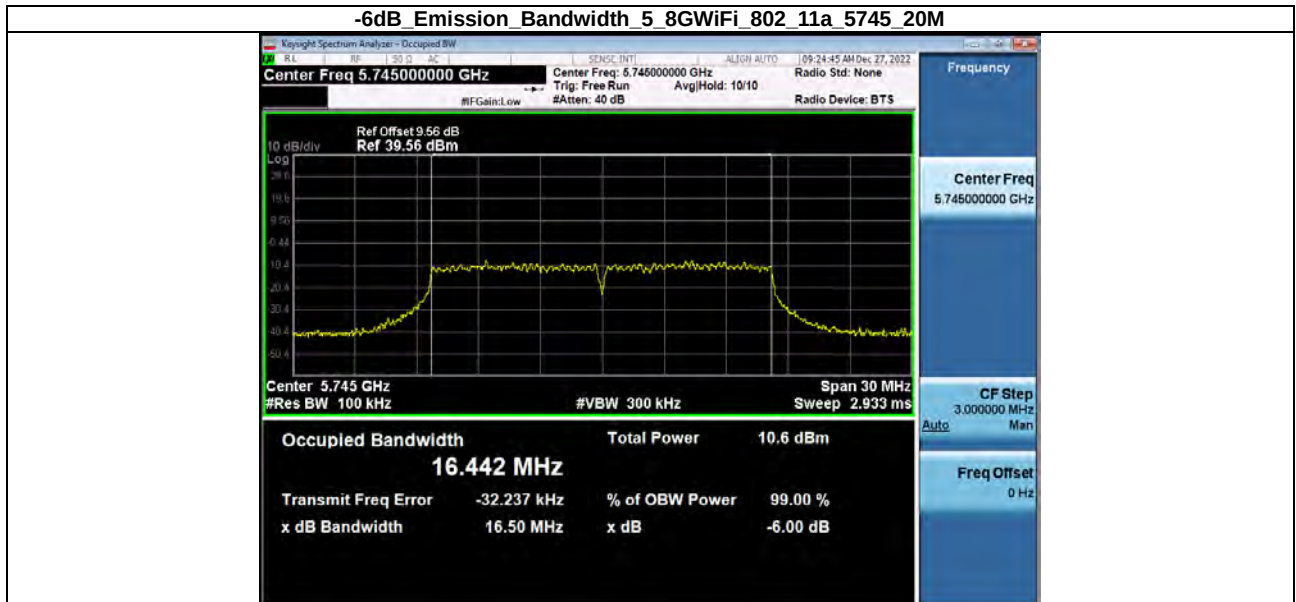
Bandedge_5_2GWiFi_802_11ac(VHT80)_5210_80M

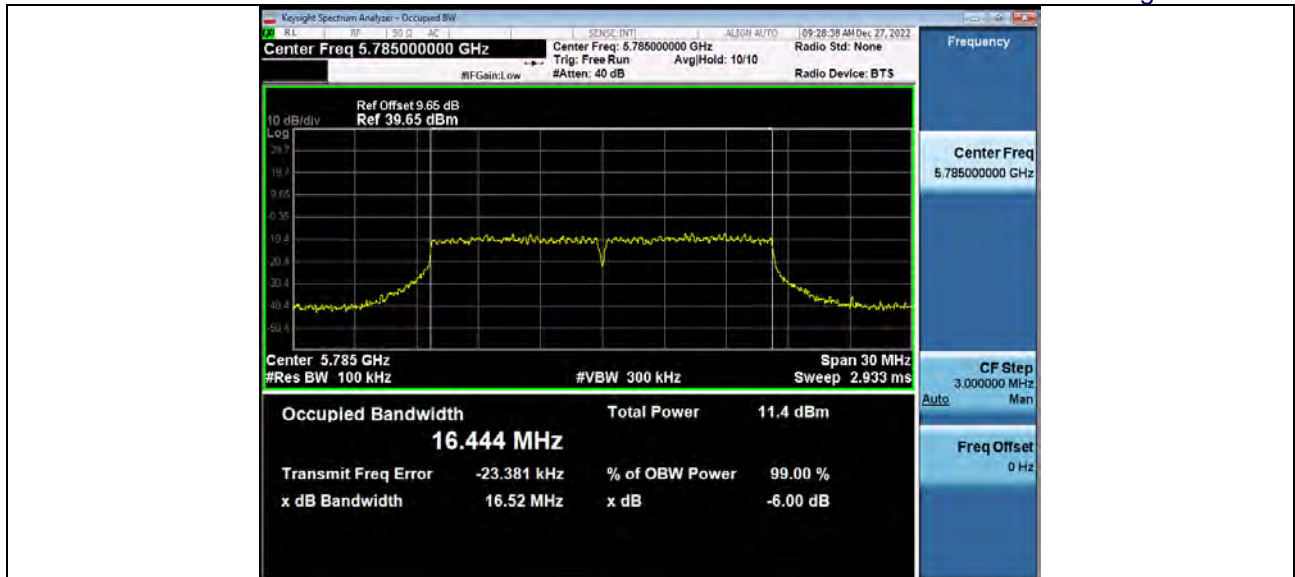


12.APPENDIX1---5.8GWIFI**1. -6dB Emission Bandwidth**

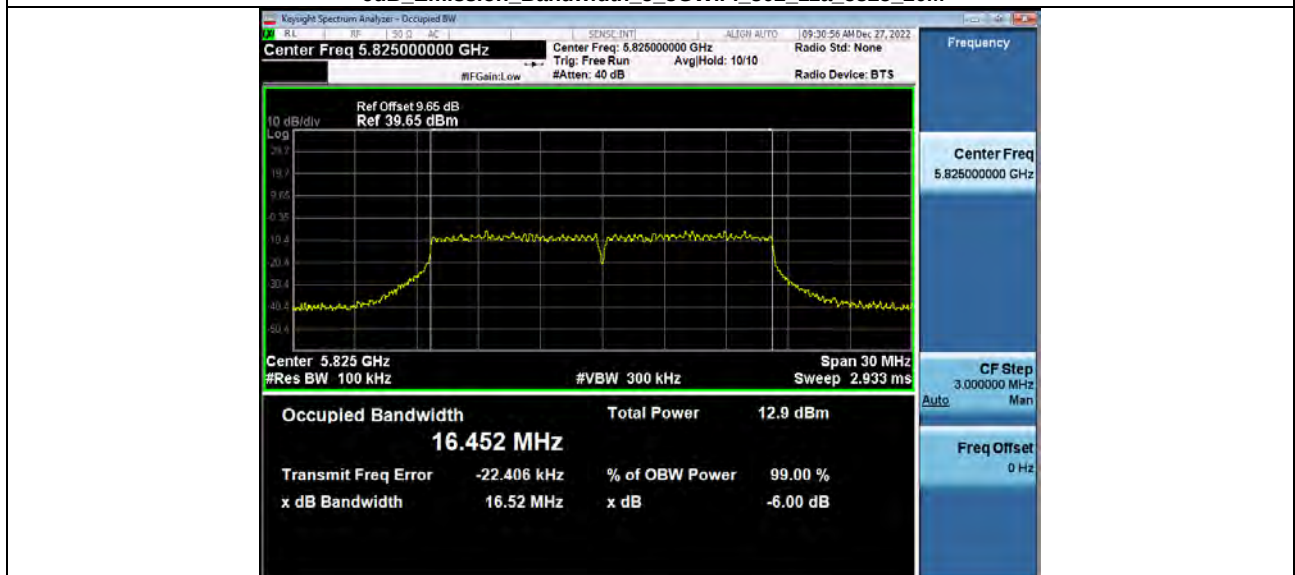
Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	LCH	5745.00	16.496	0.500	Pass
NVNT	ANT1	MCH	5785.00	16.521	0.500	Pass
NVNT	ANT1	HCH	5825.00	16.521	0.500	Pass
NVNT	ANT1	LCH	5745.00	17.754	0.500	Pass
NVNT	ANT1	MCH	5785.00	17.725	0.500	Pass
NVNT	ANT1	HCH	5825.00	17.742	0.500	Pass
NVNT	ANT1	LCH	5745.00	17.689	0.500	Pass
NVNT	ANT1	MCH	5785.00	17.681	0.500	Pass
NVNT	ANT1	HCH	5825.00	17.689	0.500	Pass
NVNT	ANT1	LCH	5755.00	36.504	0.500	Pass
NVNT	ANT1	HCH	5795.00	36.487	0.500	Pass
NVNT	ANT1	LCH	5755.00	36.471	0.500	Pass
NVNT	ANT1	HCH	5795.00	36.442	0.500	Pass
NVNT	ANT1	MCH	5775.00	75.537	0.500	Pass

Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT2	LCH	5745.00	16.506	0.500	Pass
NVNT	ANT2	MCH	5785.00	16.514	0.500	Pass
NVNT	ANT2	HCH	5825.00	16.518	0.500	Pass
NVNT	ANT2	LCH	5745.00	17.704	0.500	Pass
NVNT	ANT2	MCH	5785.00	17.739	0.500	Pass
NVNT	ANT2	HCH	5825.00	17.718	0.500	Pass
NVNT	ANT2	LCH	5745.00	17.672	0.500	Pass
NVNT	ANT2	MCH	5785.00	17.697	0.500	Pass
NVNT	ANT2	HCH	5825.00	17.688	0.500	Pass
NVNT	ANT2	LCH	5755.00	36.483	0.500	Pass
NVNT	ANT2	HCH	5795.00	36.485	0.500	Pass
NVNT	ANT2	LCH	5755.00	36.467	0.500	Pass
NVNT	ANT2	HCH	5795.00	36.481	0.500	Pass
NVNT	ANT2	MCH	5775.00	75.657	0.500	Pass

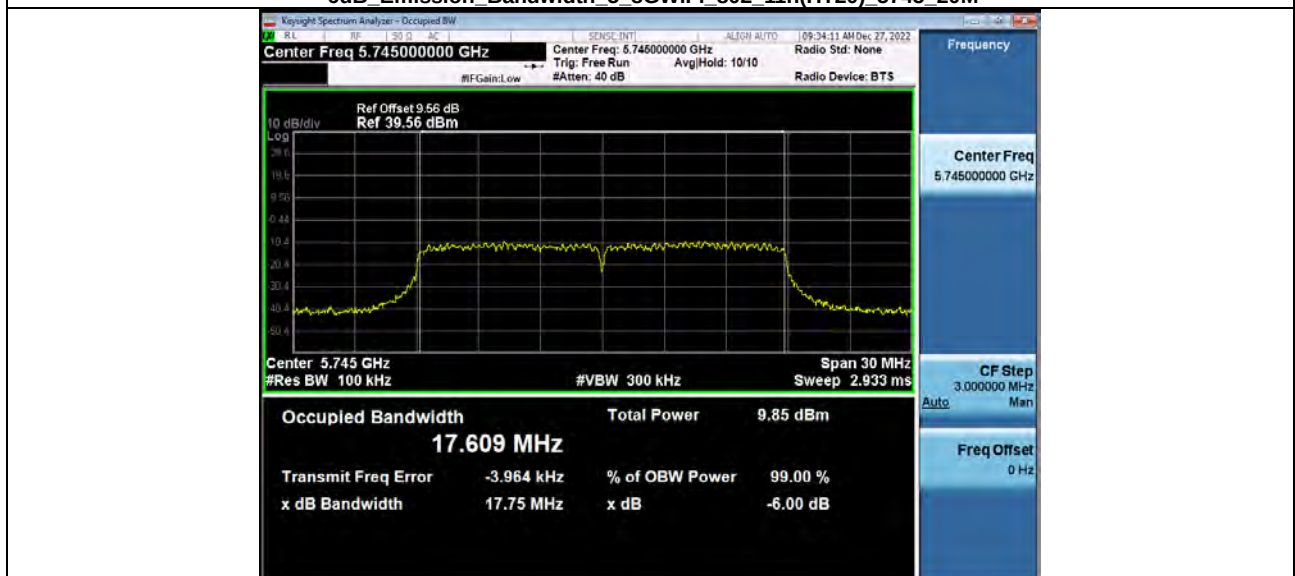
ANT1**-6dB_Emission_Bandwidth_5_8WiFi_802_11a_5785_20M**



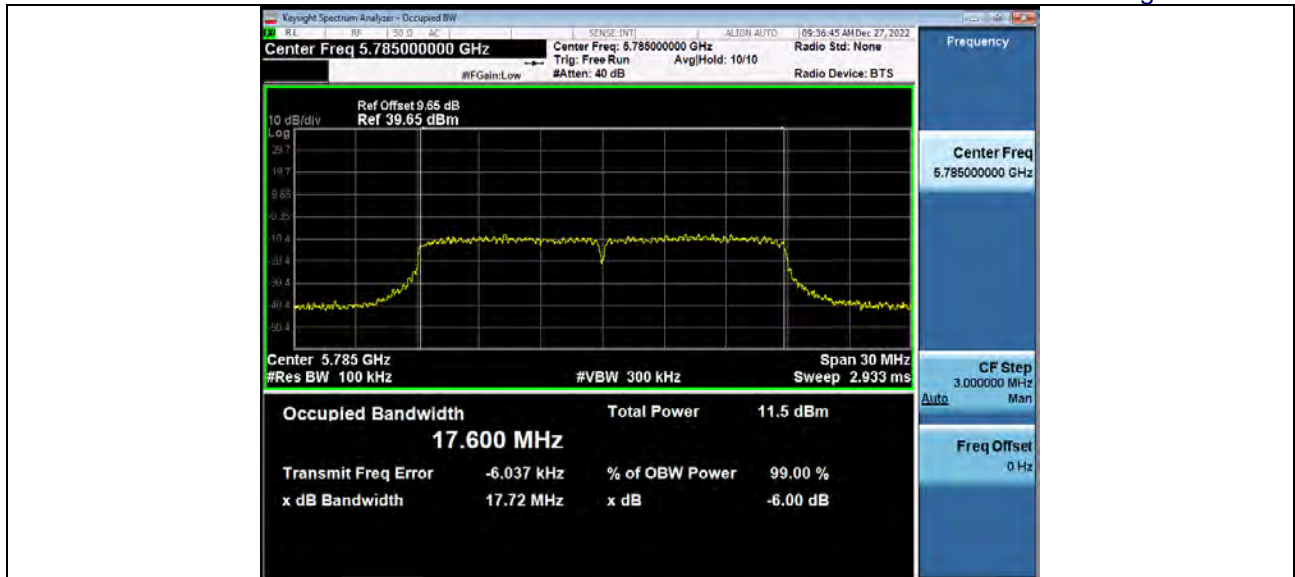
-6dB Emission Bandwidth 5_8WiFi 802_11a 5825_20M



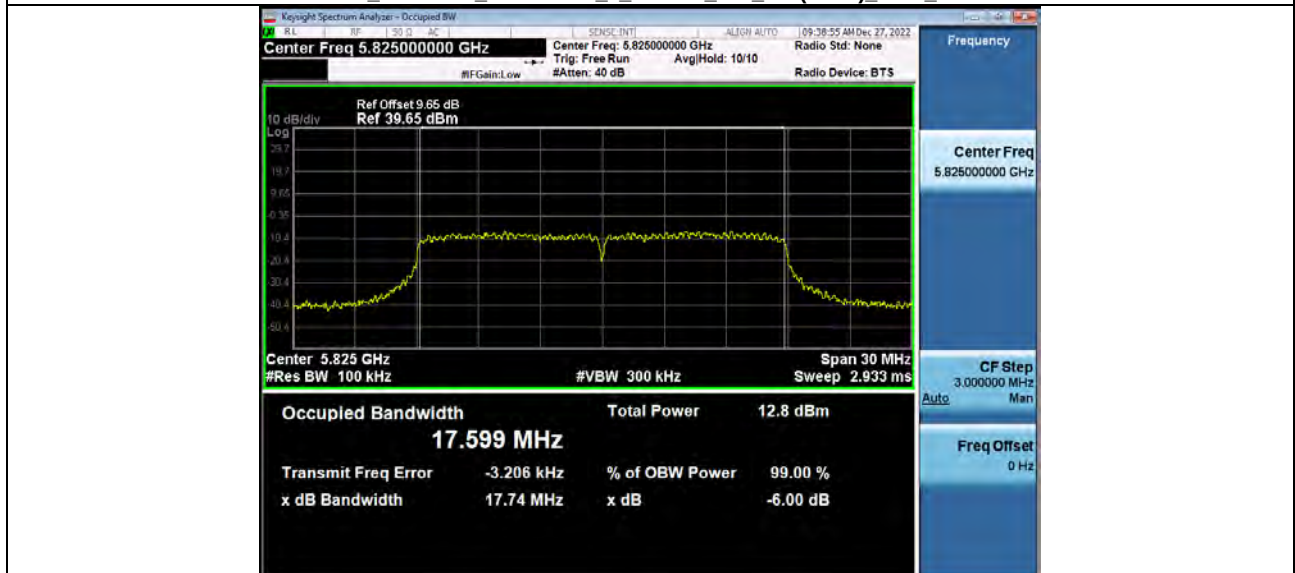
-6dB Emission Bandwidth 5_8WiFi 802_11n(HT20) 5745_20M



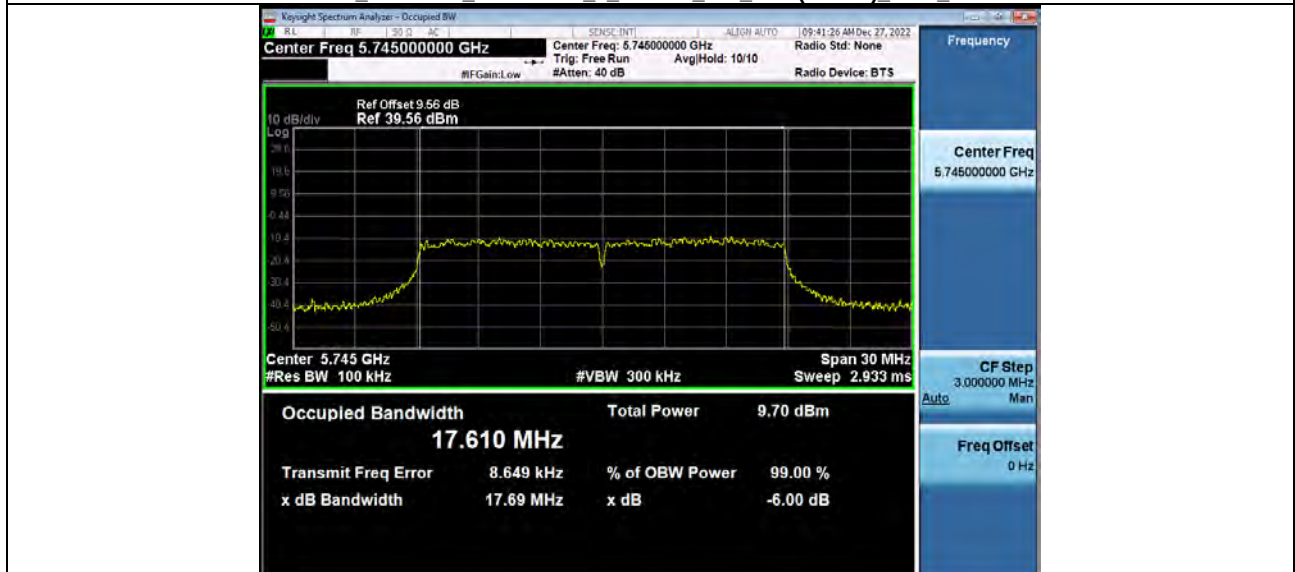
-6dB Emission Bandwidth 5_8WiFi 802_11n(HT20) 5785_20M



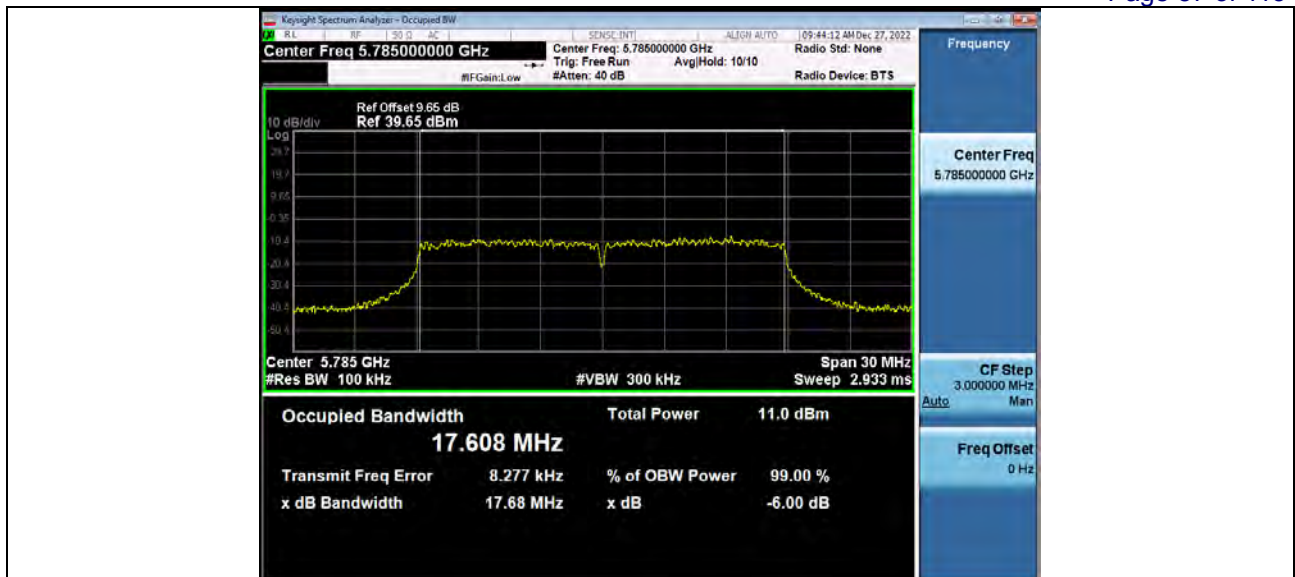
-6dB Emission Bandwidth 5_8WiFi 802_11n(HT20)_5825_20M



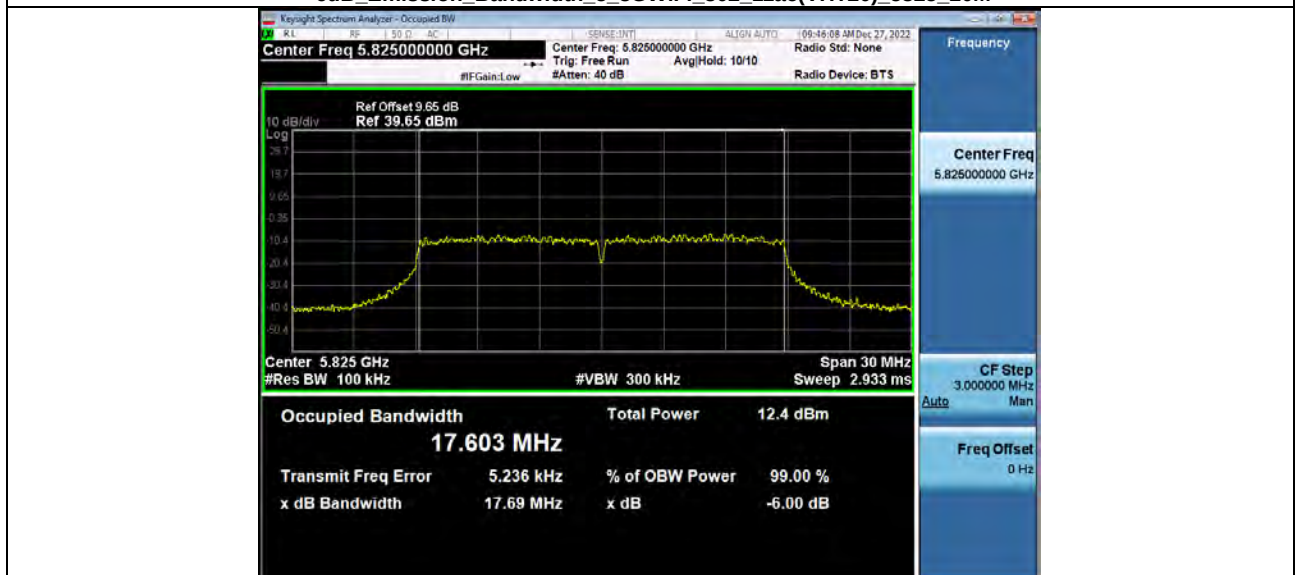
-6dB Emission Bandwidth 5_8WiFi 802_11ac(VHT20)_5745_20M



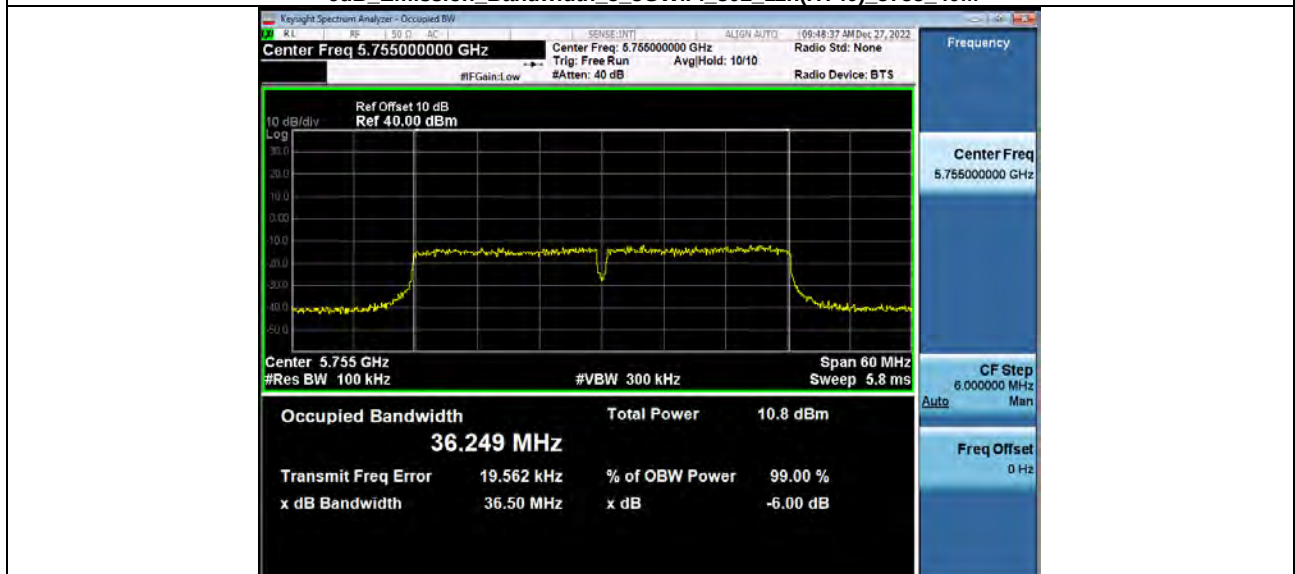
-6dB Emission Bandwidth 5_8WiFi 802_11ac(VHT20)_5785_20M



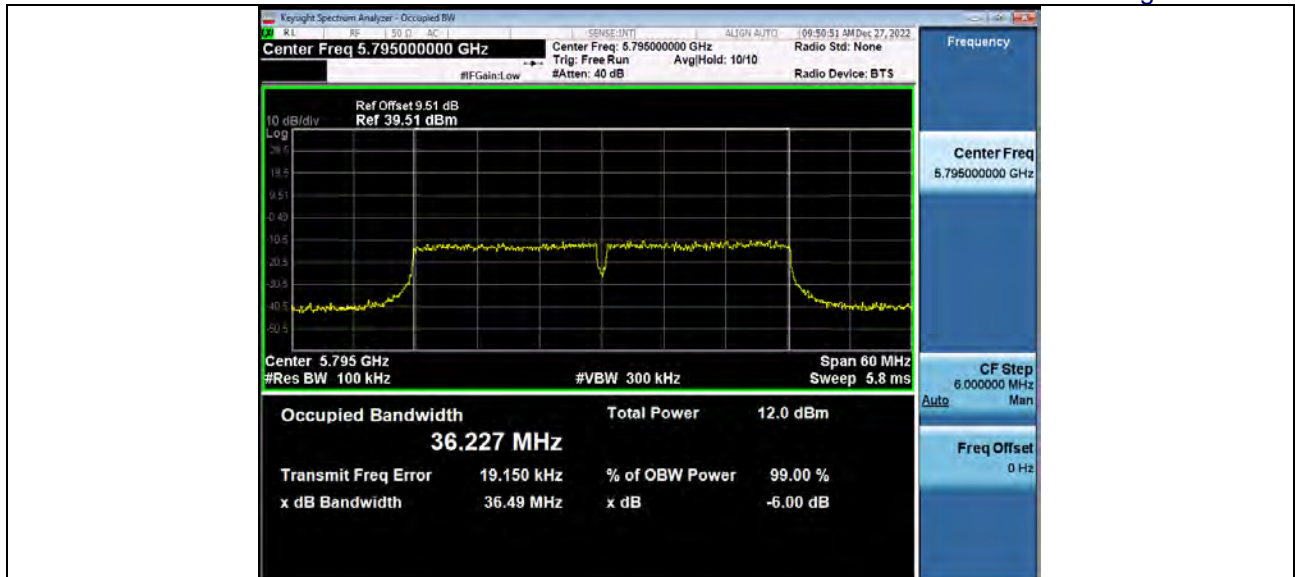
-6dB Emission Bandwidth 5_8WiFi 802_11ac(VHT20)_5825_20M



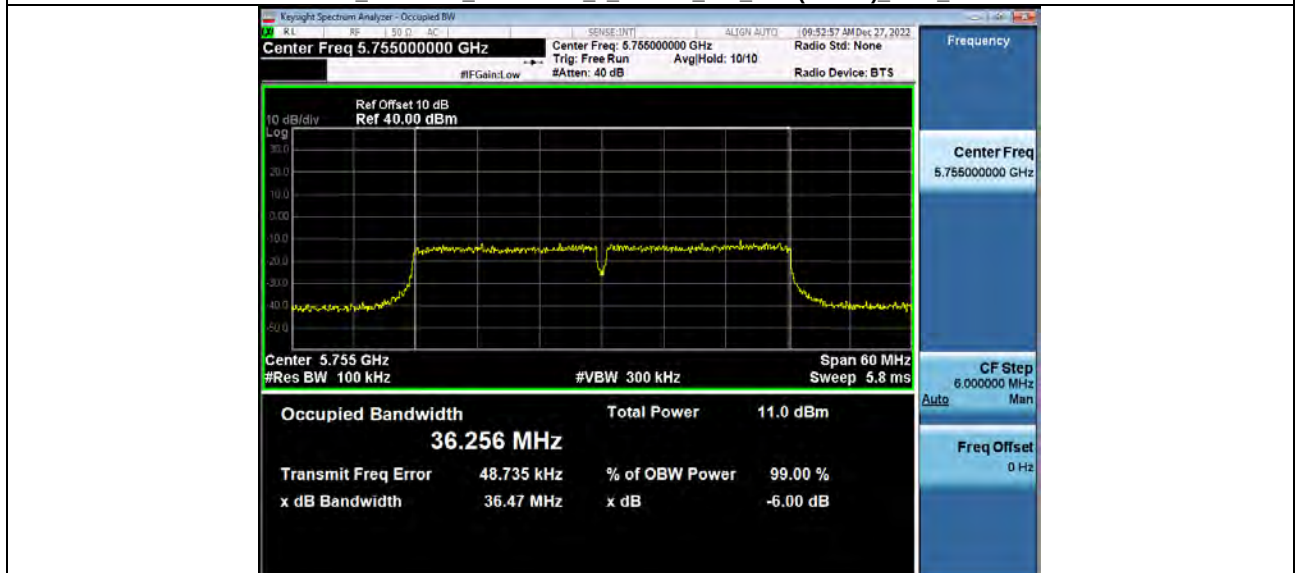
-6dB Emission Bandwidth 5_8WiFi 802_11n(HT40)_5755_40M



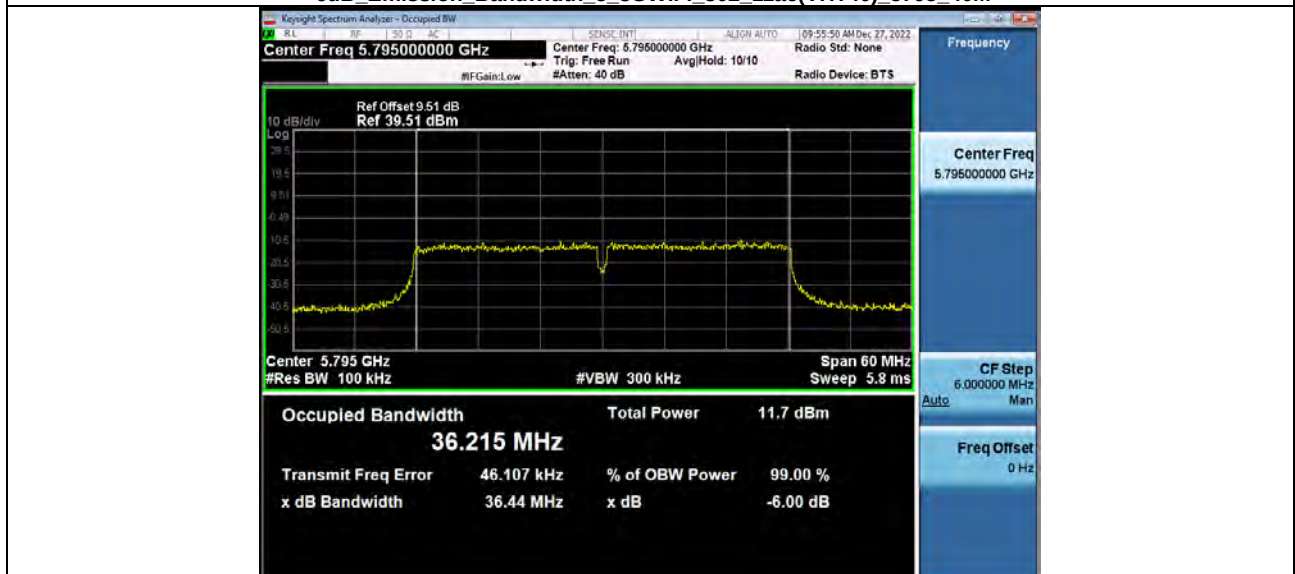
-6dB Emission Bandwidth 5_8WiFi 802_11n(HT40)_5795_40M



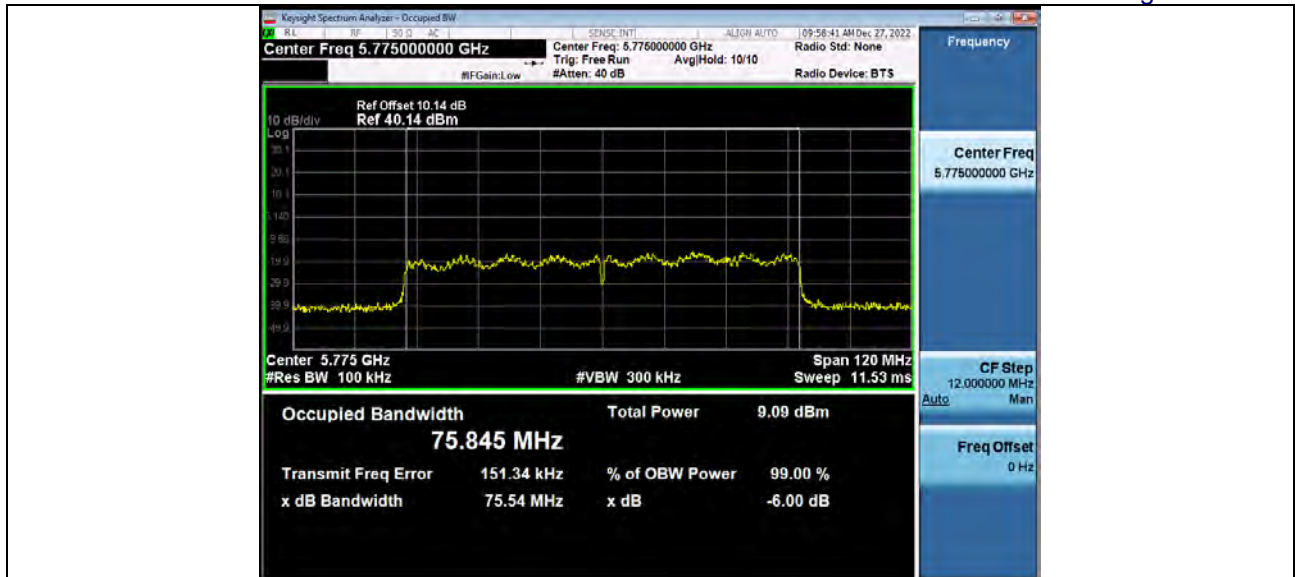
-6dB Emission Bandwidth 5_8WiFi 802_11ac(VHT40)_5755_40M



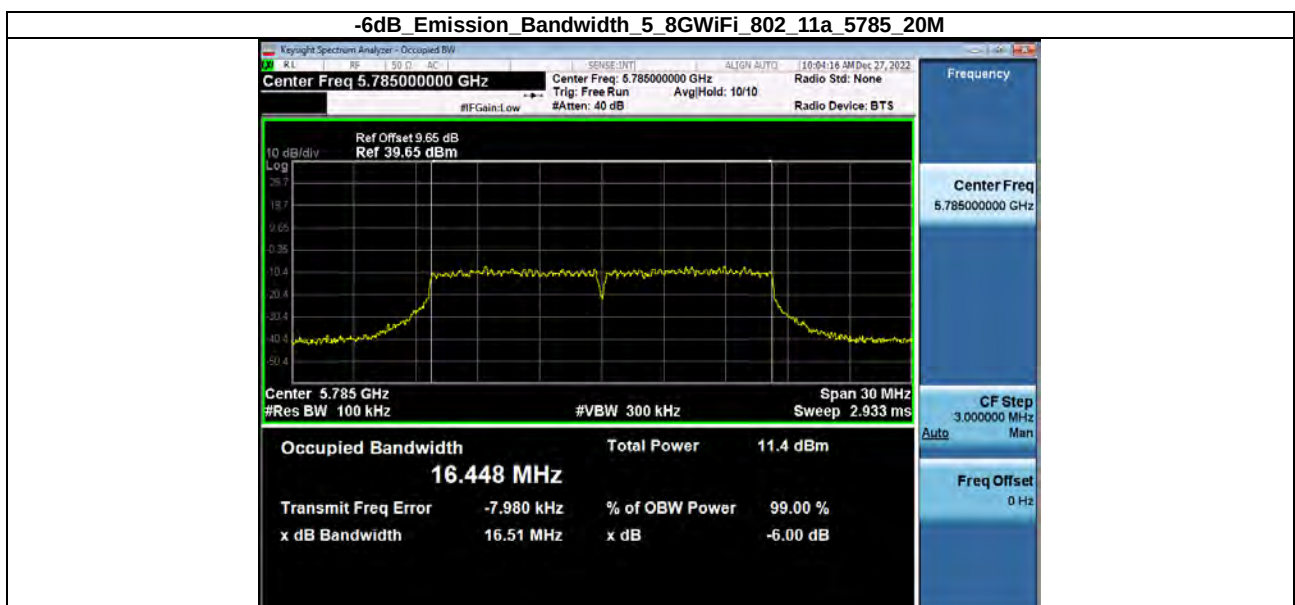
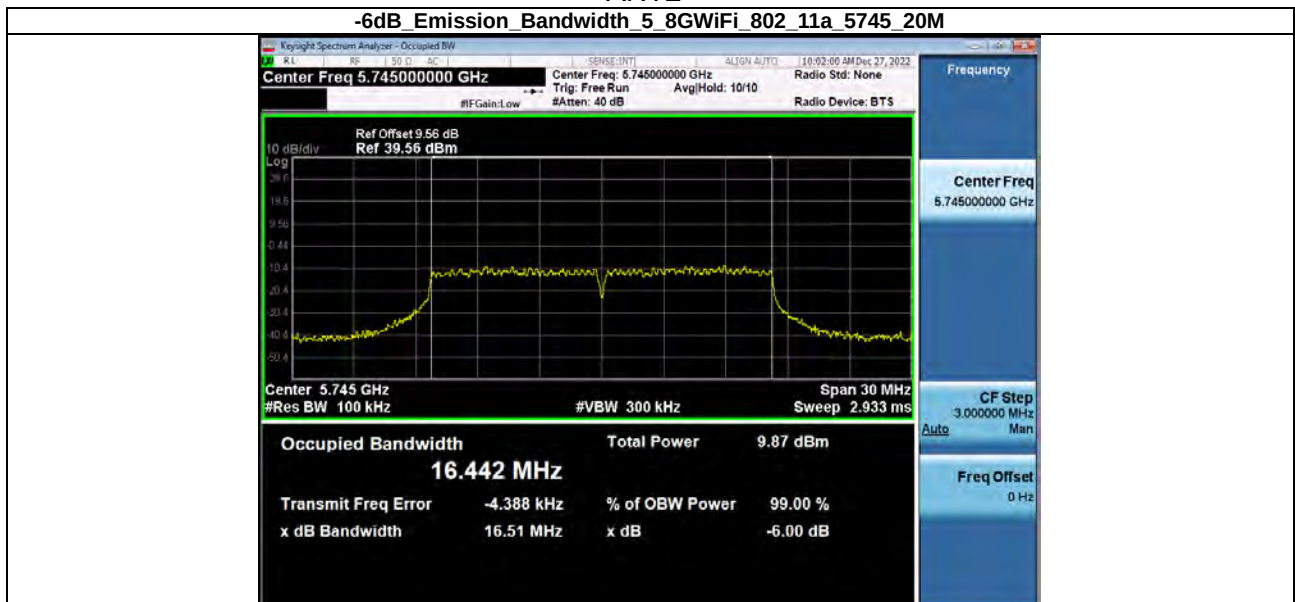
-6dB Emission Bandwidth 5_8WiFi 802_11ac(VHT40)_5795_40M



-6dB Emission Bandwidth 5_8WiFi 802_11ac(VHT80)_5775_80M



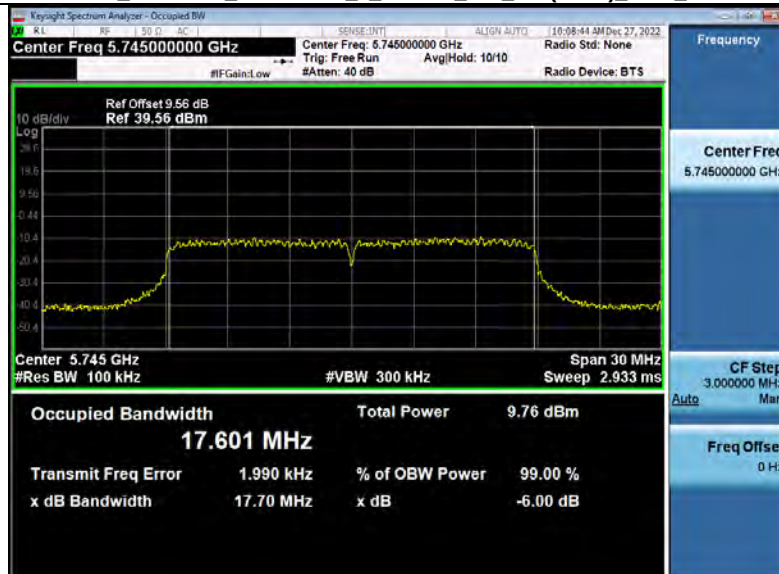
ANT2



-6dB Emission Bandwidth 5_8WiFi 802_11a 5825_20M



-6dB Emission Bandwidth 5_8WiFi 802_11n(HT20) 5745_20M



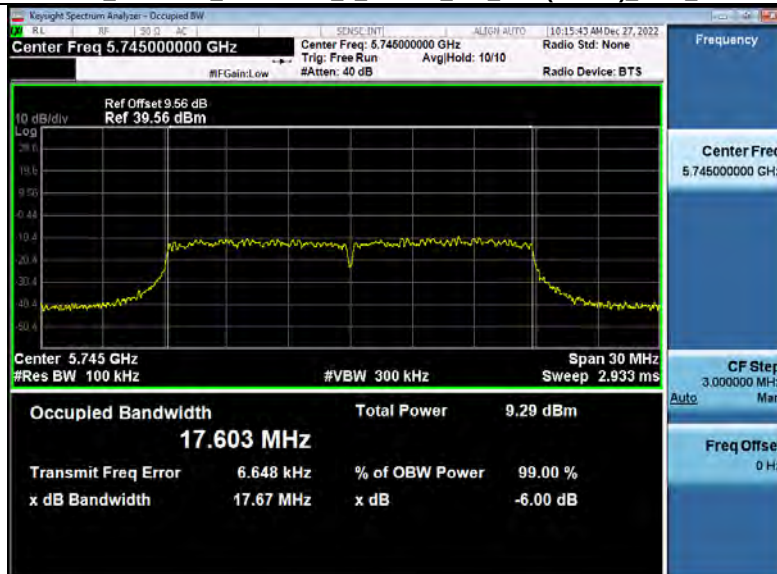
-6dB Emission Bandwidth 5_8WiFi 802_11n(HT20) 5785_20M



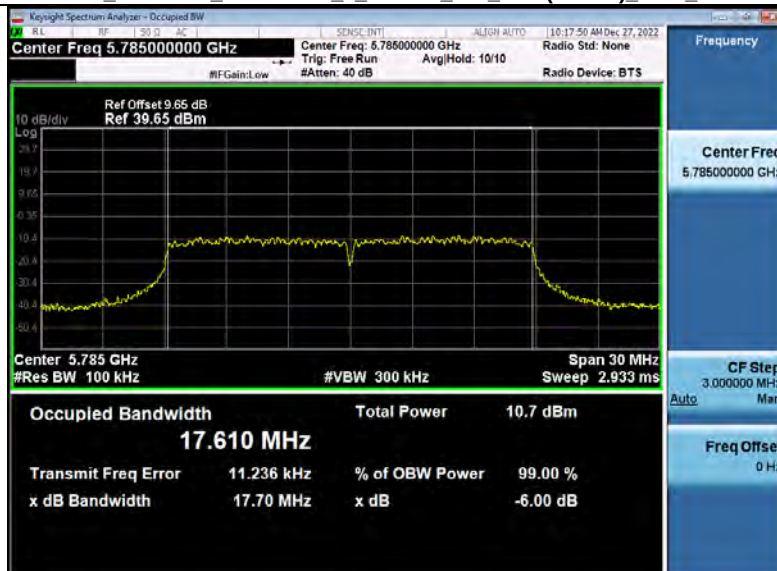
-6dB Emission Bandwidth 5_8WiFi_802_11n(HT20)_5825_20M



-6dB Emission Bandwidth 5_8WiFi_802_11ac(VHT20)_5745_20M



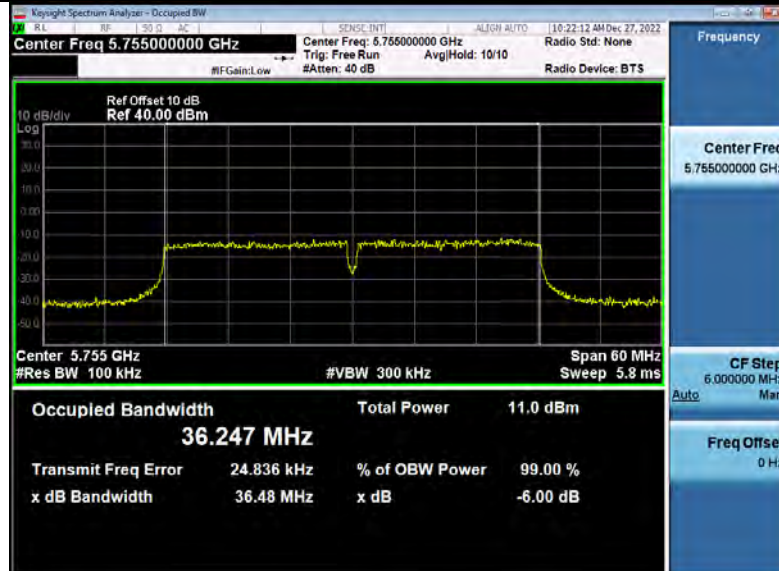
-6dB Emission Bandwidth 5_8WiFi_802_11ac(VHT20)_5785_20M



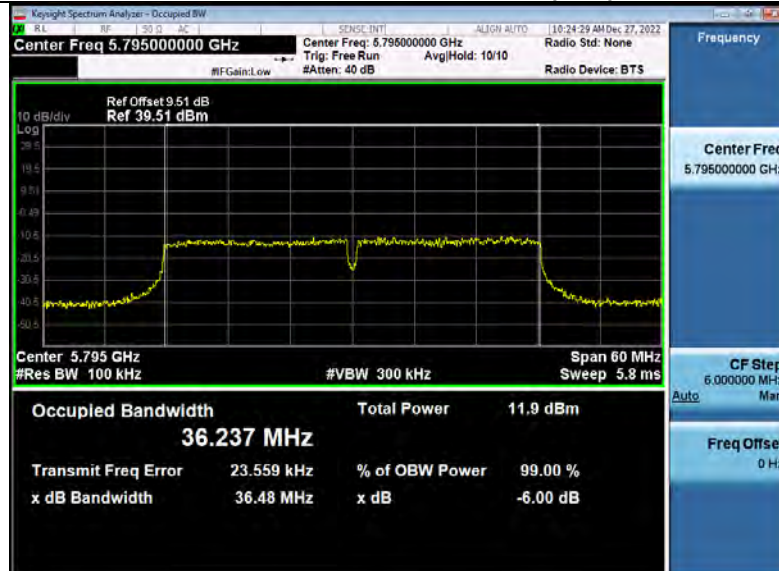
-6dB Emission Bandwidth 5_8WiFi 802_11ac(VHT20)_5825_20M



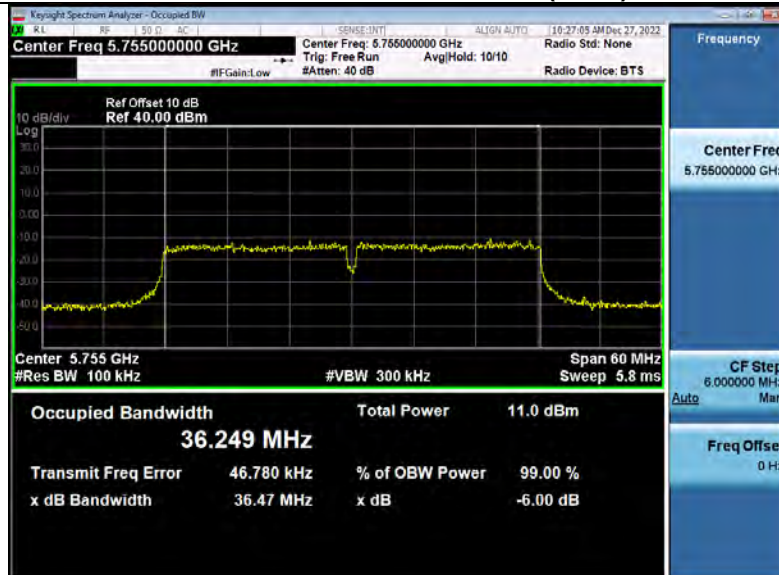
-6dB Emission Bandwidth 5_8WiFi 802_11n(HT40)_5755_40M



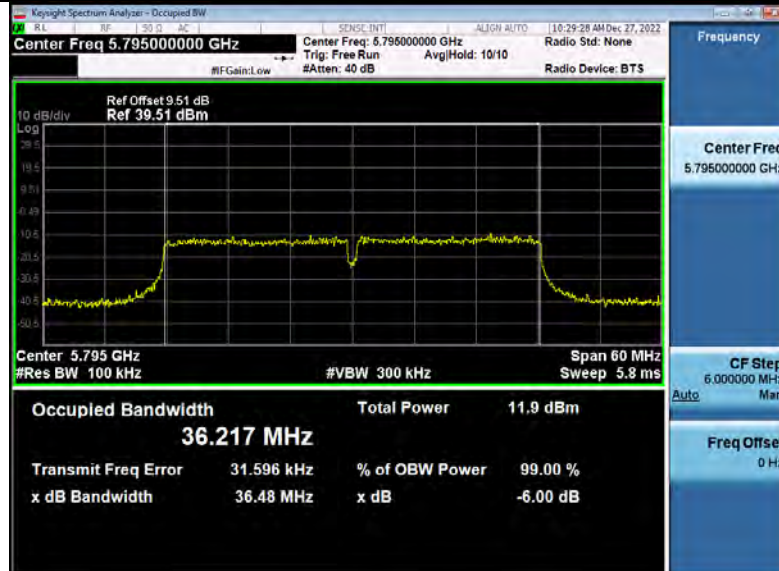
-6dB Emission Bandwidth 5_8WiFi 802_11n(HT40)_5795_40M



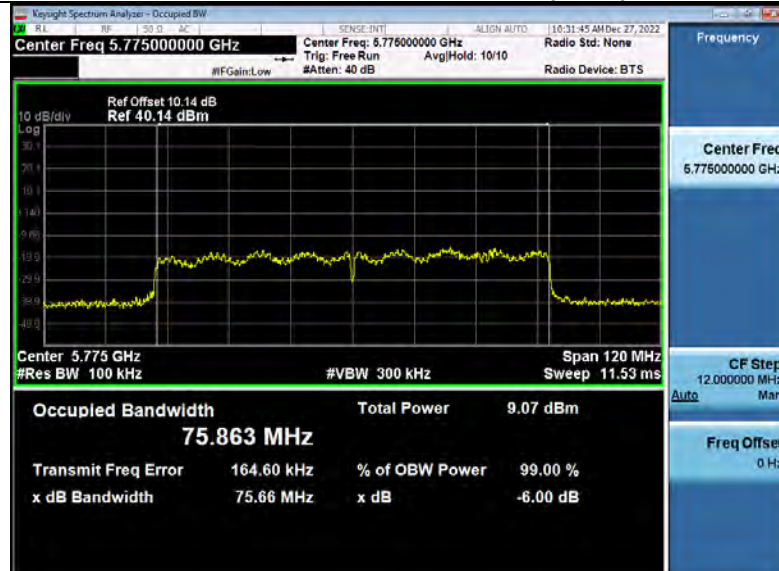
-6dB Emission Bandwidth 5_8WiFi 802_11ac(VHT40)_5755_40M



-6dB Emission Bandwidth 5_8WiFi 802_11ac(VHT40)_5795_40M



-6dB Emission Bandwidth 5_8WiFi 802_11ac(VHT80)_5775_80M



3. Maximum Conducted Output Power

Condition	Modulation	Frequency (MHz)	Conducted Power(dBm)		limit(dBm)	MIMO Conducted Power(dBm)	MIMO Limit (dBm)	Result
			ANT1	ANT2				
NVNT	802.11a	5745.00	10.63	9.90	30.00	/	/	Pass
NVNT	802.11a	5785.00	10.68	10.38	30.00	/	/	Pass
NVNT	802.11a	5825.00	11.78	11.24	30.00	/	/	Pass
NVNT	802.11n(HT20)	5745.00	9.72	9.19	30.00	12.47	30.00	Pass
NVNT	802.11n(HT20)	5785.00	10.25	10.02	30.00	13.15	30.00	Pass
NVNT	802.11n(HT20)	5825.00	11.36	11.14	30.00	14.26	30.00	Pass
NVNT	802.11ac(VHT20)	5745.00	9.49	9.16	30.00	12.34	30.00	Pass
NVNT	802.11ac(VHT20)	5785.00	9.67	9.80	30.00	12.75	30.00	Pass
NVNT	802.11ac(VHT20)	5825.00	10.81	10.95	30.00	13.89	30.00	Pass
NVNT	802.11n(HT40)	5755.00	9.71	9.55	30.00	12.64	30.00	Pass
NVNT	802.11n(HT40)	5795.00	9.60	9.49	30.00	12.56	30.00	Pass
NVNT	802.11ac(VHT40)	5755.00	9.68	9.66	30.00	12.68	30.00	Pass
NVNT	802.11ac(VHT40)	5795.00	9.39	9.57	30.00	12.49	30.00	Pass
NVNT	802.11ac(VHT80)	5775.00	7.34	7.39	30.00	10.38	30.00	Pass

Note: According to KDB 662911 D01, the number of antennas is less than 5, and the limit is unchanged.

4. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA (dBm/510KHz)	PSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
NVNT	ANT1	802.11a	5745.00	-2.610	-2.696	30	Pass
NVNT	ANT1	802.11a	5785.00	-1.765	-1.851	30	Pass
NVNT	ANT1	802.11a	5825.00	-0.802	-0.888	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	-3.275	-3.361	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	-1.907	-1.993	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-0.759	-0.845	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	-3.672	-3.758	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	-2.258	-2.344	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	-1.284	-1.370	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-5.892	-5.978	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-5.032	-5.118	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-5.778	-5.864	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	-4.885	-4.971	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	-10.270	-10.356	30	Pass

Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA (dBm/510KHz)	PSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
NVNT	ANT2	802.11a	5745.00	-3.655	-3.741	30	Pass
NVNT	ANT2	802.11a	5785.00	-2.119	-2.205	30	Pass
NVNT	ANT2	802.11a	5825.00	-1.055	-1.141	30	Pass
NVNT	ANT2	802.11n(HT20)	5745.00	-3.650	-3.736	30	Pass
NVNT	ANT2	802.11n(HT20)	5785.00	-2.067	-2.153	30	Pass
NVNT	ANT2	802.11n(HT20)	5825.00	-1.193	-1.279	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5745.00	-3.956	-4.042	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5785.00	-2.323	-2.409	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5825.00	-1.136	-1.222	30	Pass
NVNT	ANT2	802.11n(HT40)	5755.00	-5.958	-6.044	30	Pass
NVNT	ANT2	802.11n(HT40)	5795.00	-5.168	-5.254	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5755.00	-5.859	-5.945	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5795.00	-5.122	-5.208	30	Pass
NVNT	ANT2	802.11ac(VHT80)	5775.00	-9.607	-9.693	30	Pass

Condition	Antenna	Modulation	Frequency (MHz)	PSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
NVNT	MIMO	802.11n(HT20)	5745.00	-0.53	28.84	Pass
NVNT	MIMO	802.11n(HT20)	5785.00	0.94	28.84	Pass
NVNT	MIMO	802.11n(HT20)	5825.00	1.95	28.84	Pass
NVNT	MIMO	802.11ac(VHT20)	5745.00	-0.89	28.84	Pass
NVNT	MIMO	802.11ac(VHT20)	5785.00	0.63	28.84	Pass
NVNT	MIMO	802.11ac(VHT20)	5825.00	1.71	28.84	Pass
NVNT	MIMO	802.11n(HT40)	5755.00	-3.00	28.84	Pass
NVNT	MIMO	802.11n(HT40)	5795.00	-2.18	28.84	Pass
NVNT	MIMO	802.11ac(VHT40)	5755.00	-2.89	28.84	Pass
NVNT	MIMO	802.11ac(VHT40)	5795.00	-2.08	28.84	Pass
NVNT	MIMO	802.11ac(VHT80)	5775.00	-7.00	28.84	Pass

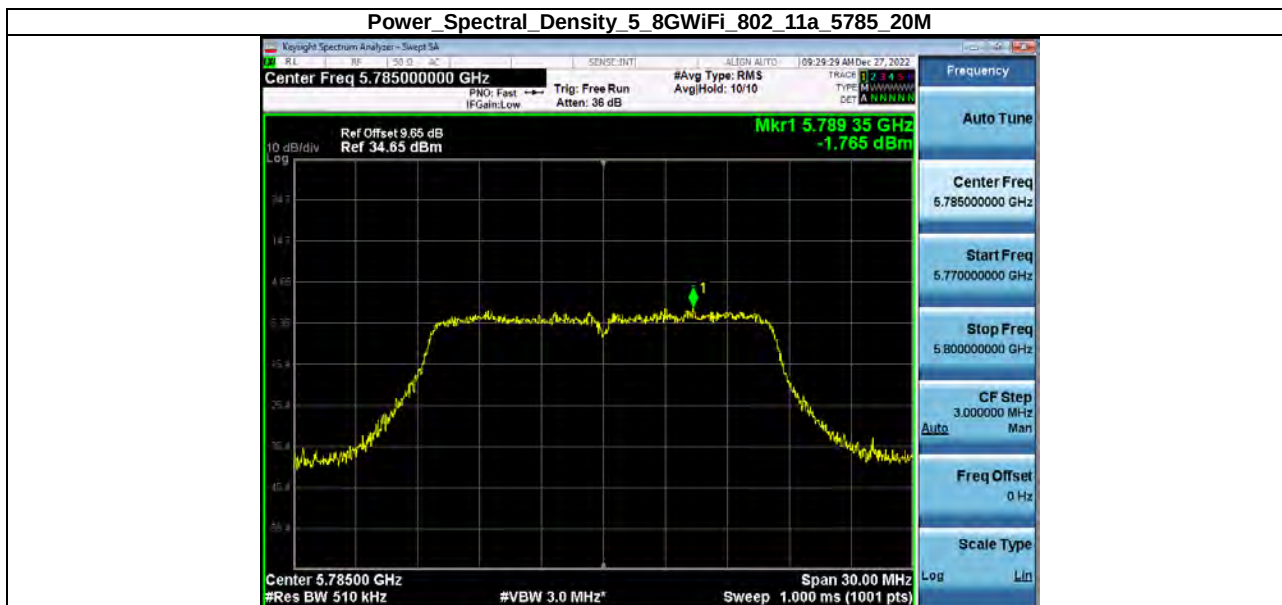
Note: MMO limit=limit-(MIMO gain-6)=30-(7.16-6)=28.84dBm/500KHz

ANT1

Power Spectral Density 5_8WiFi 802_11a 5745_20M



Power Spectral Density 5_8WiFi 802_11a 5785_20M



Power Spectral Density 5_8WiFi 802_11a 5825_20M

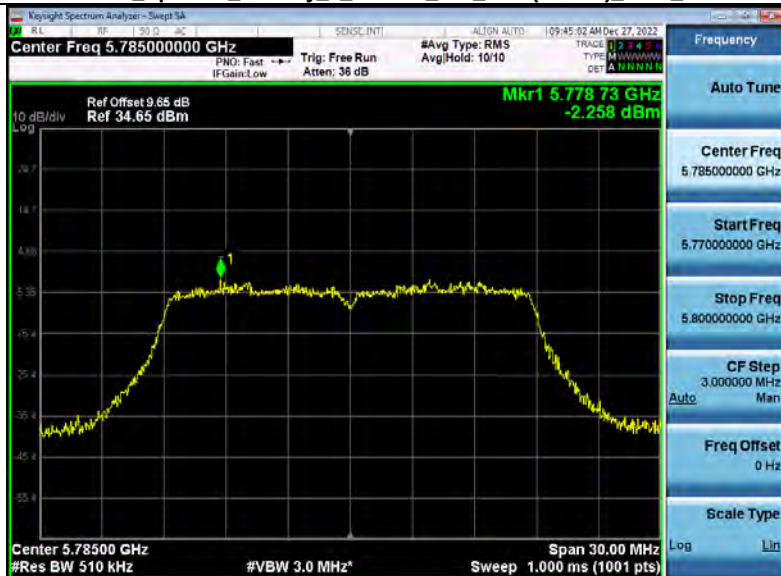




Power Spectral Density 5_8WiFi_802_11ac(VHT20)_5745_20M



Power Spectral Density 5_8WiFi_802_11ac(VHT20)_5785_20M



Power Spectral Density 5_8WiFi_802_11ac(VHT20)_5825_20M

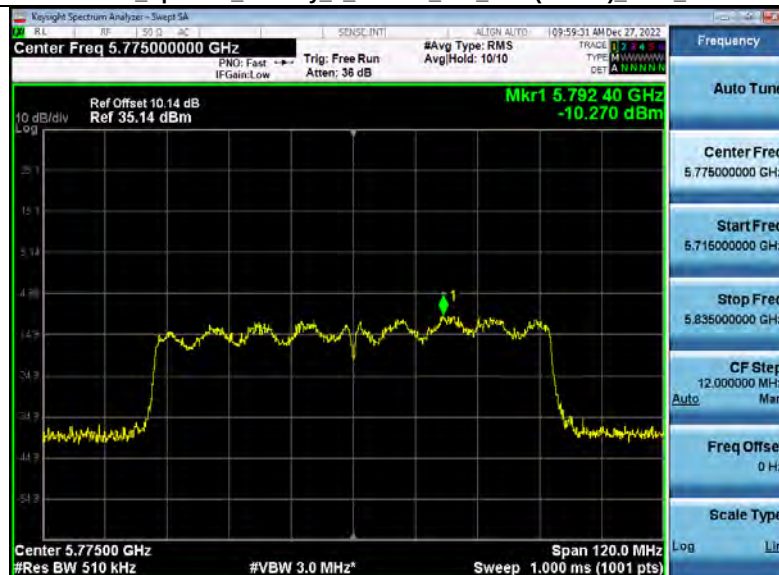




Power Spectral Density 5_8WiFi 802_11ac(VHT40) 5795_40M

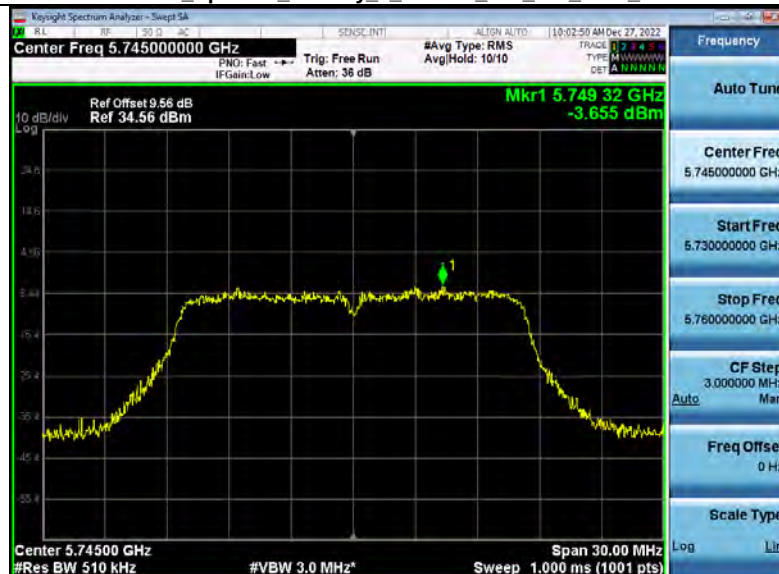


Power Spectral Density 5_8WiFi 802_11ac(VHT80) 5775_80M



ANT2

Power Spectral Density 5_8WiFi 802_11a 5745_20M



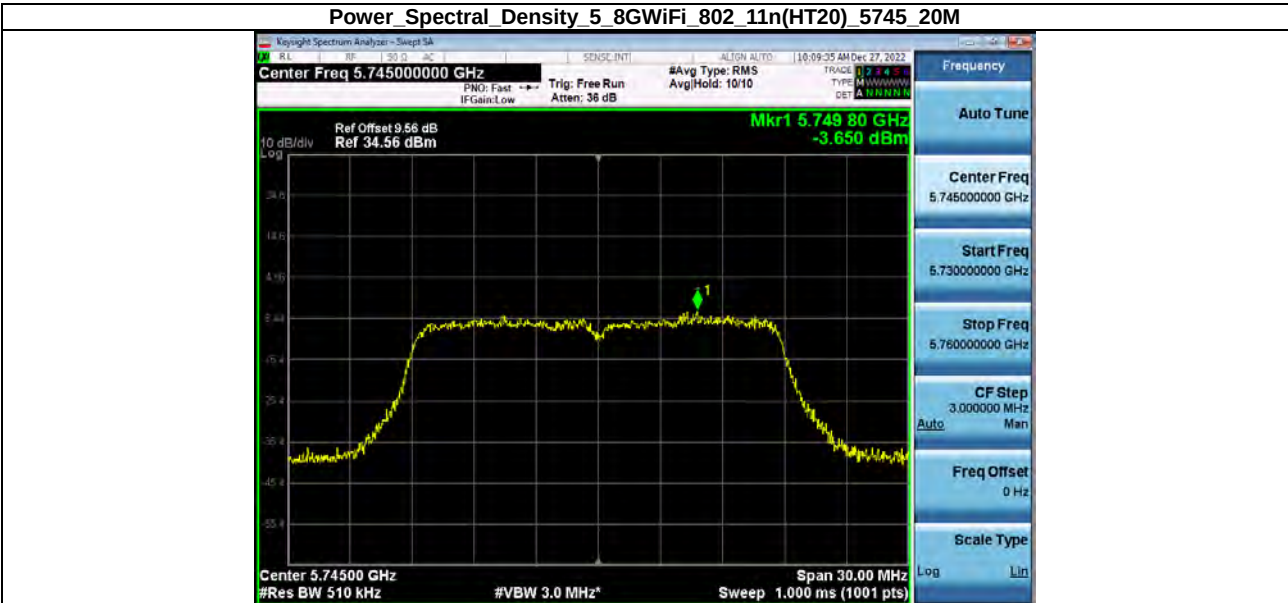
Power Spectral Density 5_8WiFi 802_11a 5785_20M



Power Spectral Density 5_8WiFi 802_11a 5825_20M



Power Spectral Density 5_8WiFi 802_11n(HT20) 5745_20M





Power Spectral Density 5_8WiFi 802_11ac(VHT20)_5785_20M



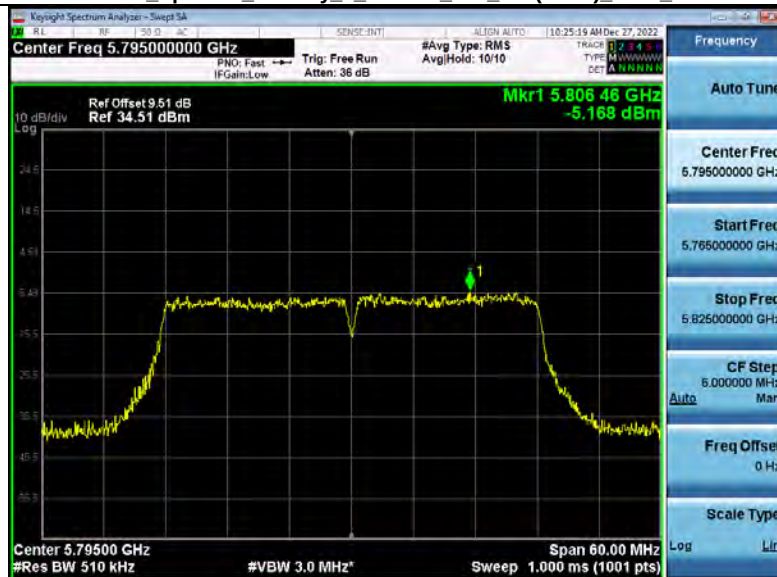
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Power Spectral Density 5_8WiFi 802_11n(HT40)_5755_40M



Power Spectral Density 5_8WiFi 802_11n(HT40) 5795_40M



Power Spectral Density 5_8WiFi 802_11ac(VHT40) 5755_40M



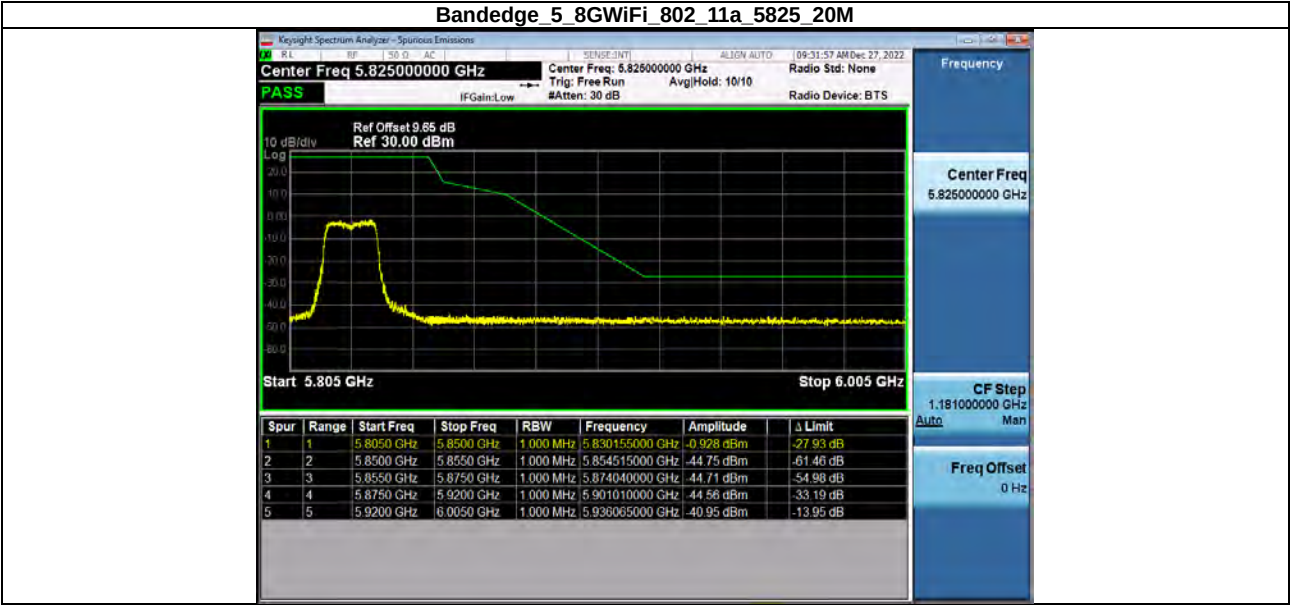
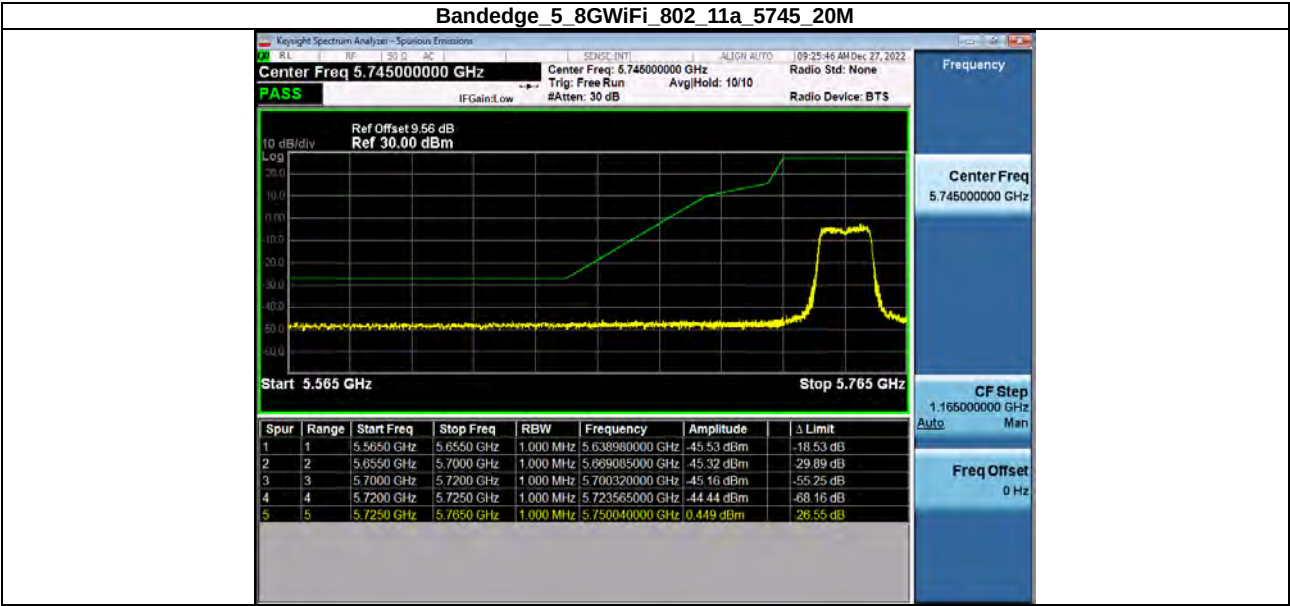
Power Spectral Density 5_8WiFi 802_11ac(VHT40) 5795_40M



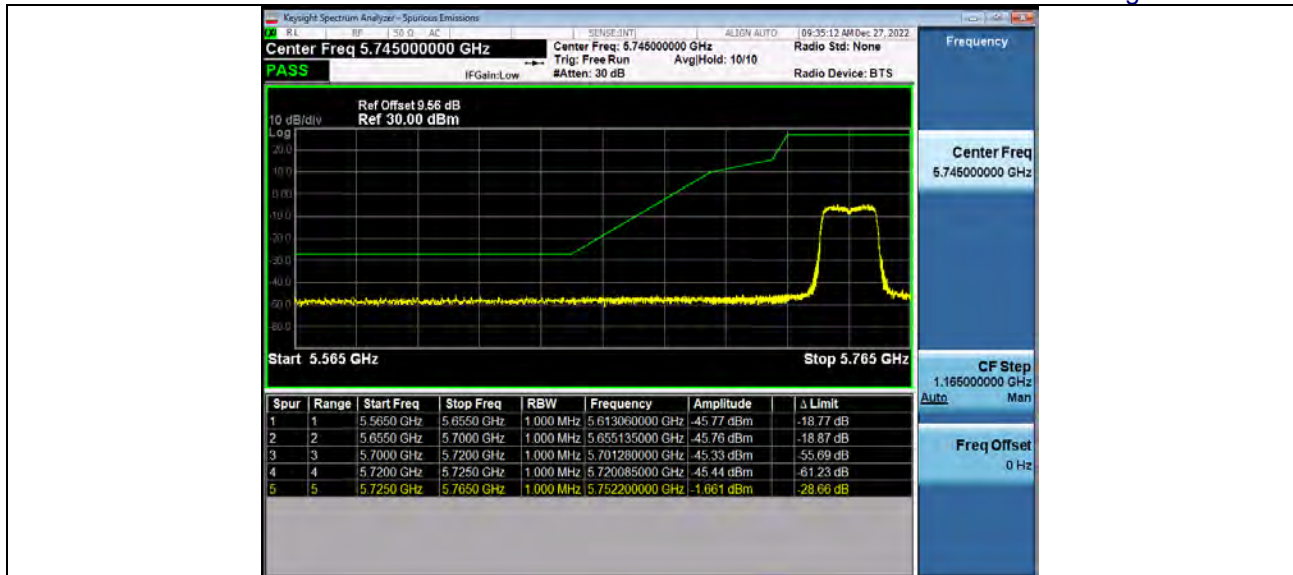


5. Bandedge

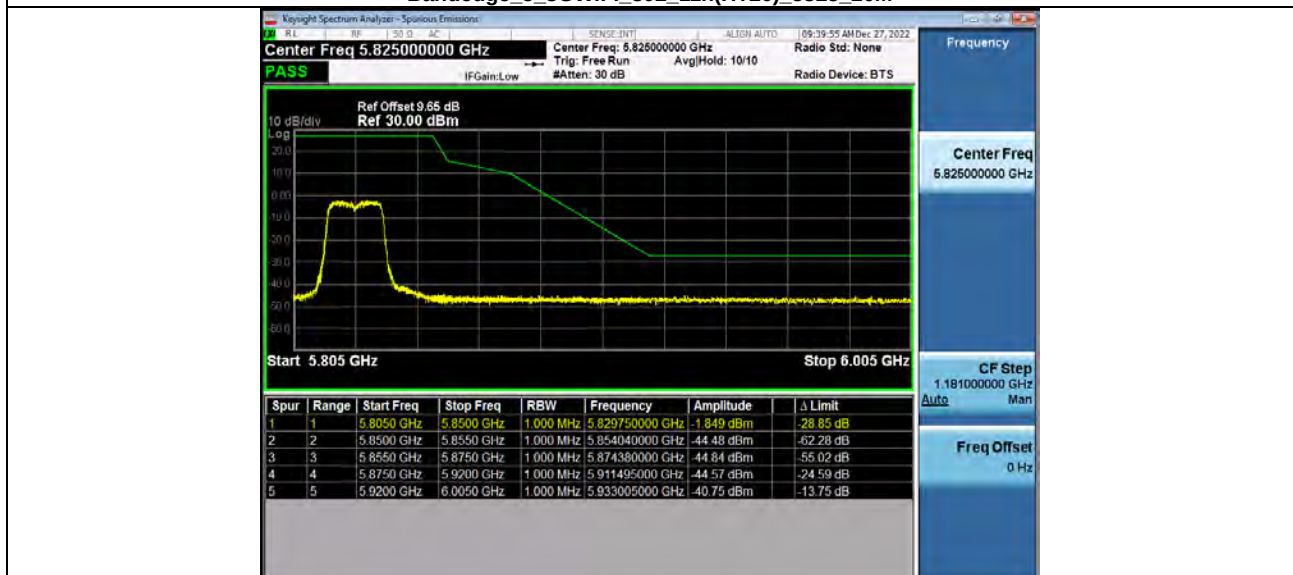
ANT1



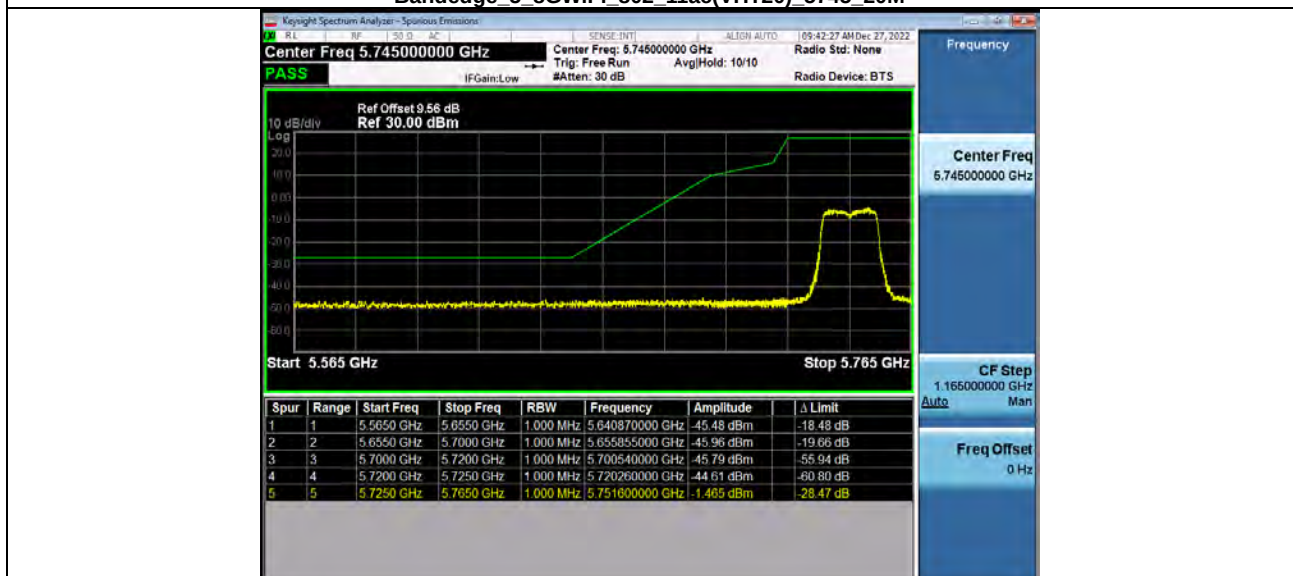
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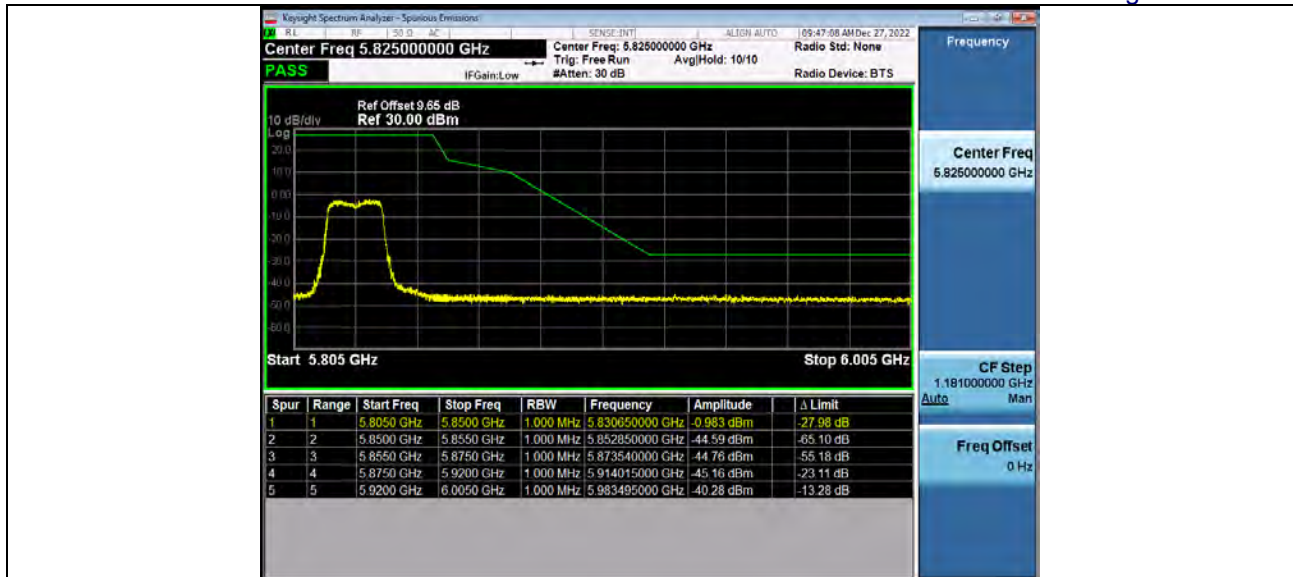
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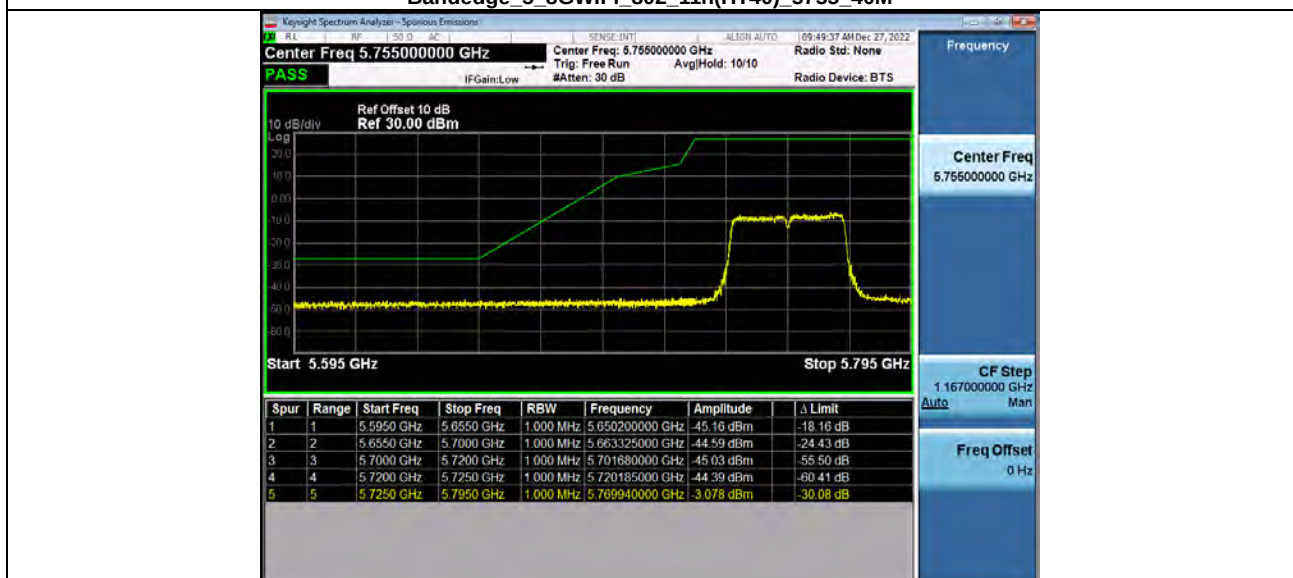
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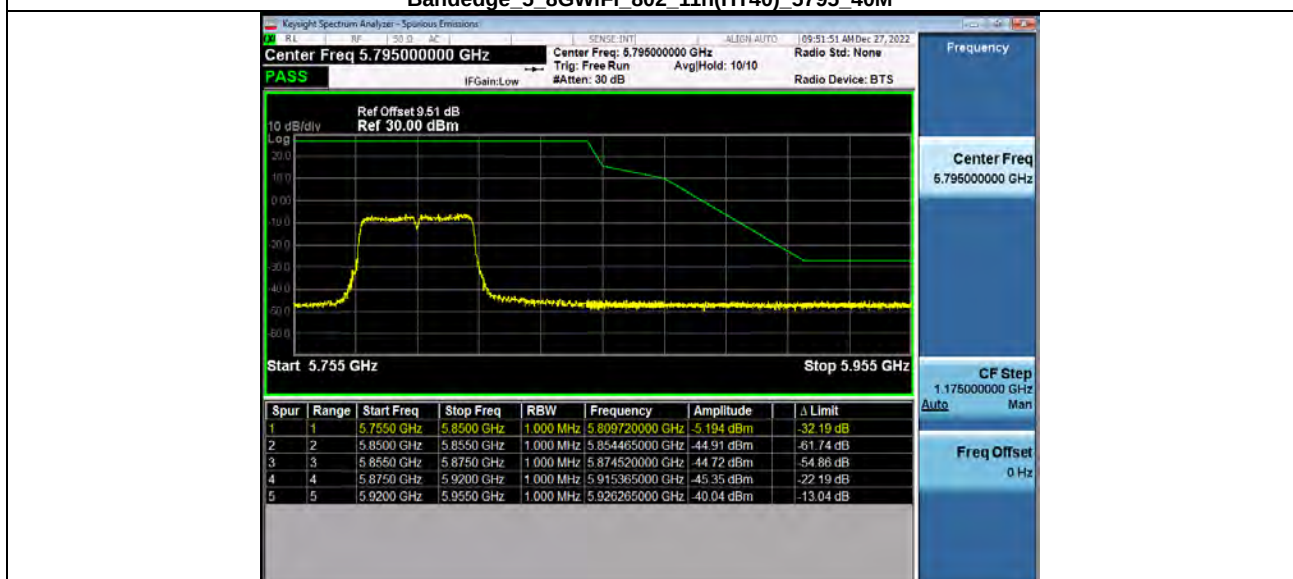
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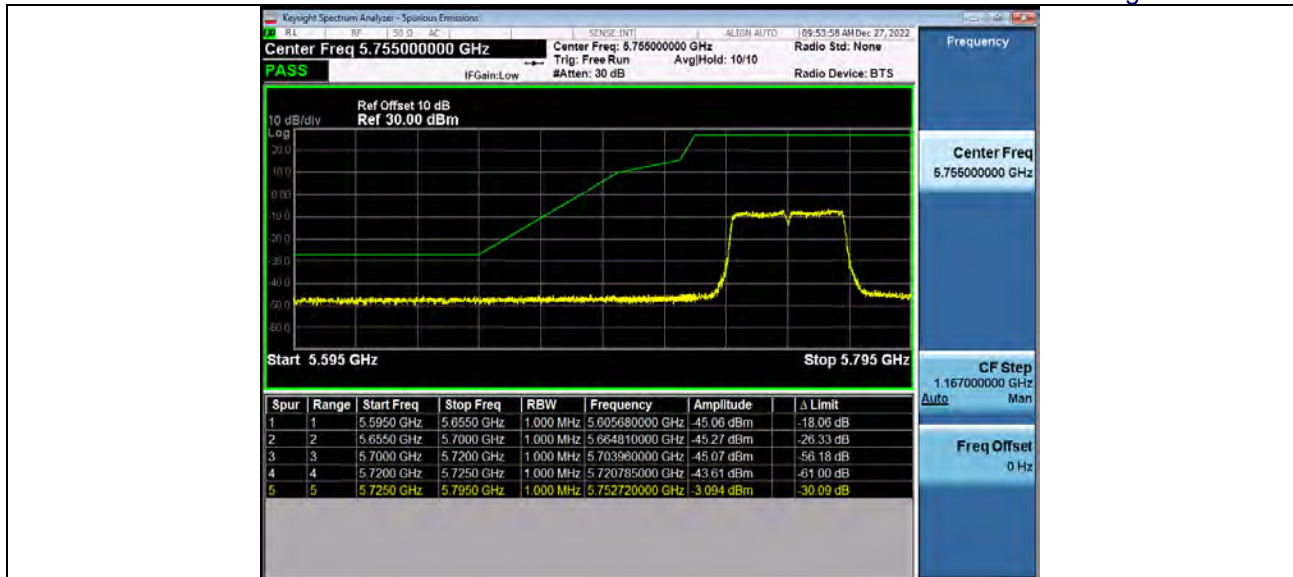
Bandedge_5_8GWiFi_802_11n(HT40)_5755_40M



Bandedge_5_8GWiFi_802_11n(HT40)_5795_40M



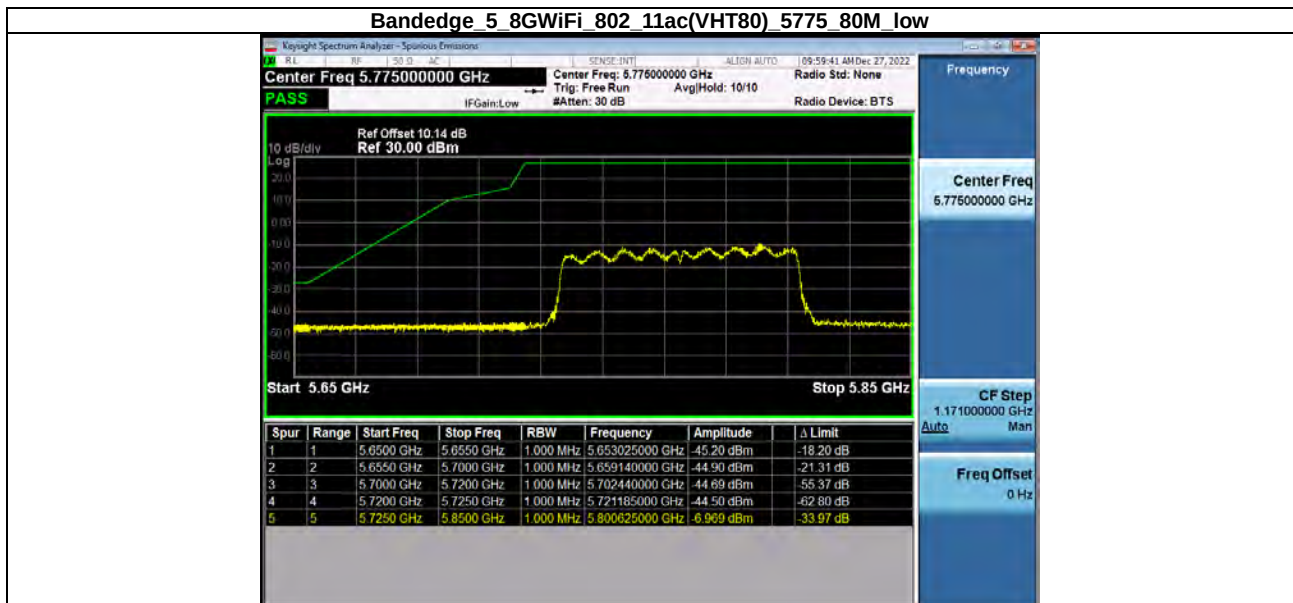
Bandedge_5_8GWiFi_802_11ac(VHT40)_5755_40M



Bandedge_5_8GWiFi_802_11ac(VHT40)_5795_40M



Bandedge_5_8GWiFi_802_11ac(VHT80)_5775_80M_low

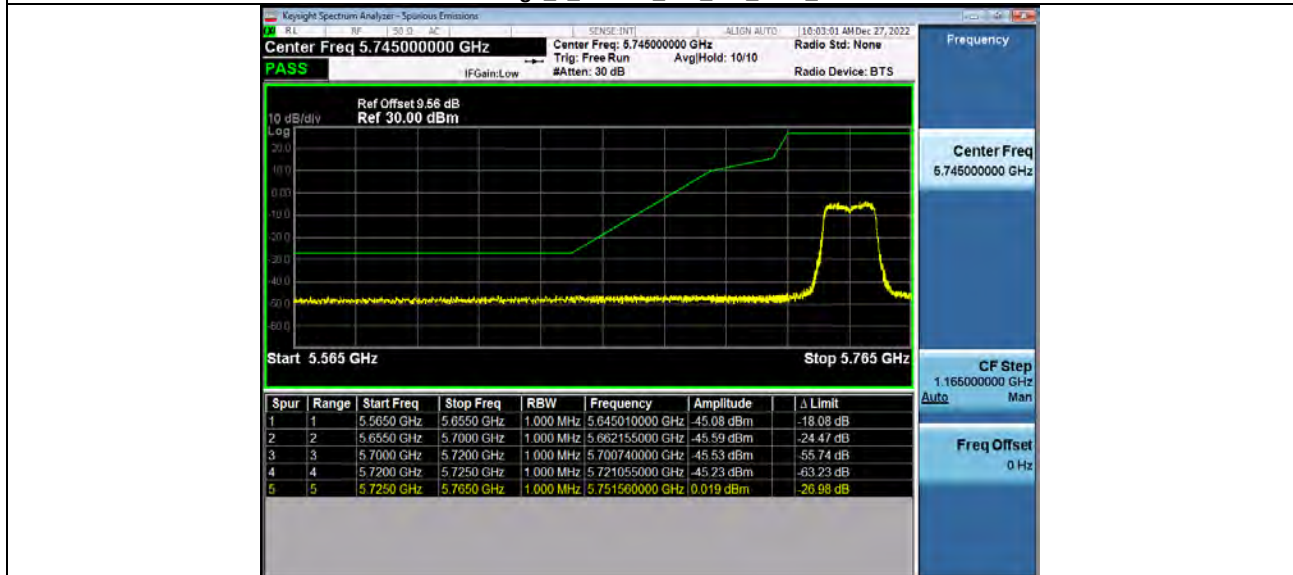


Bandedge_5_8GWiFi_802_11ac(VHT80)_5775_80M_up

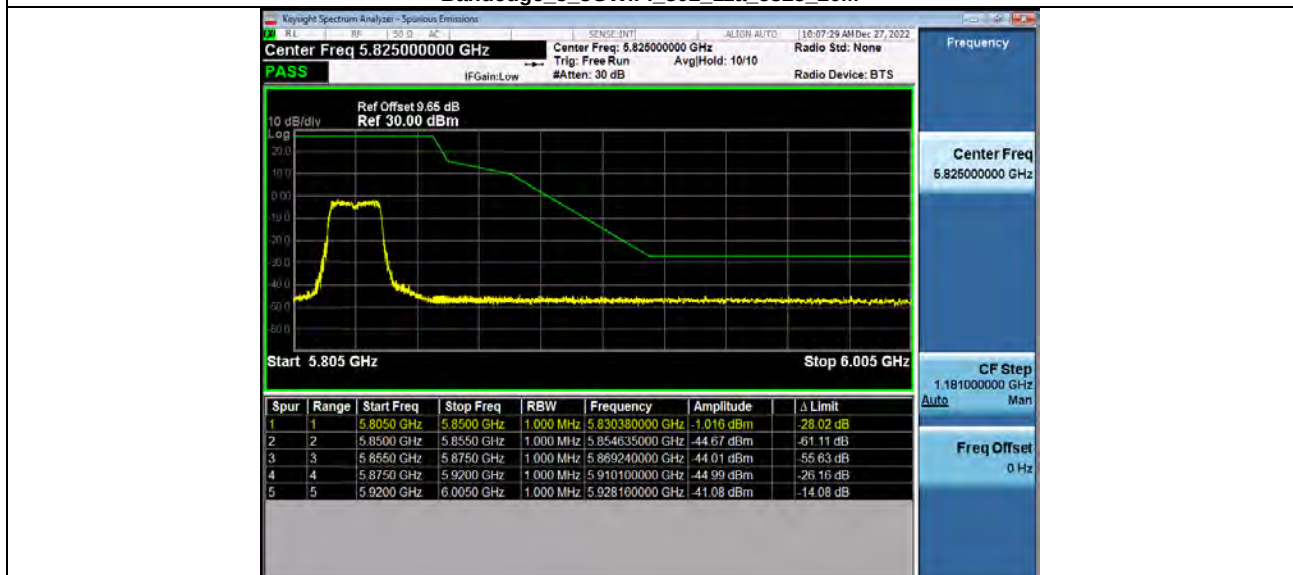


ANT2

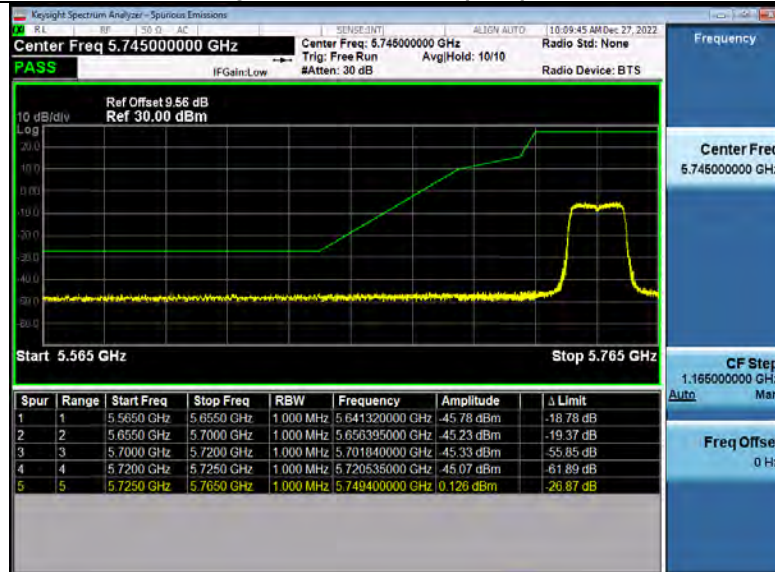
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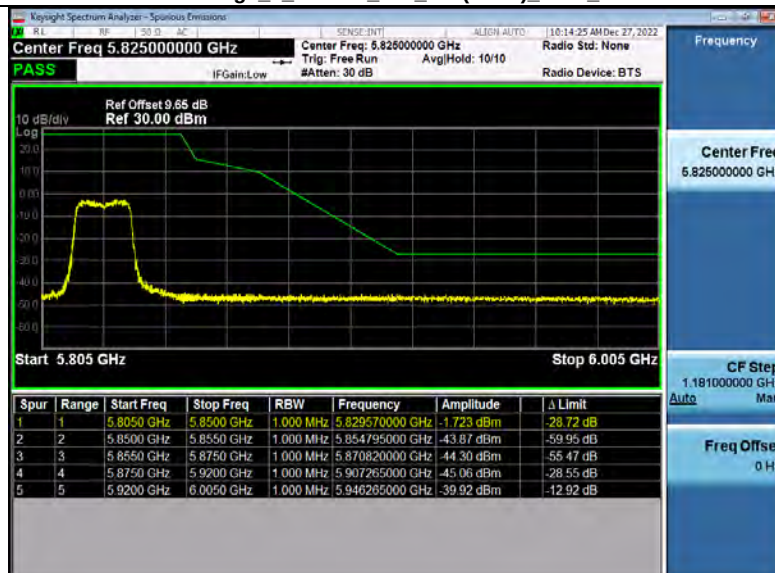
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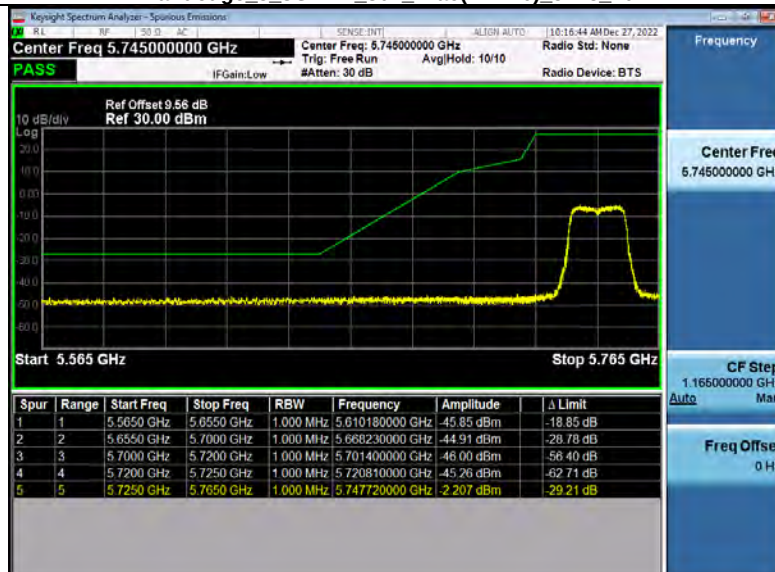
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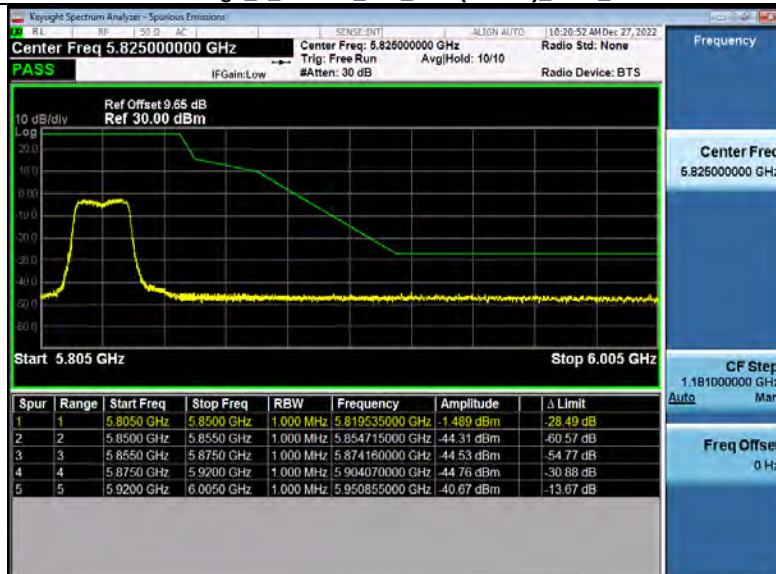
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Bandedge 5 8GWiFi 802_11ac(VHT20) 5745 20M



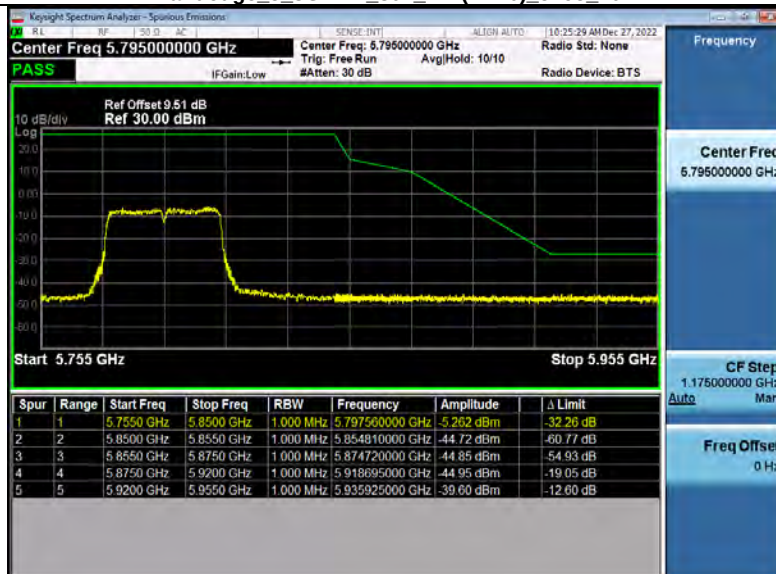
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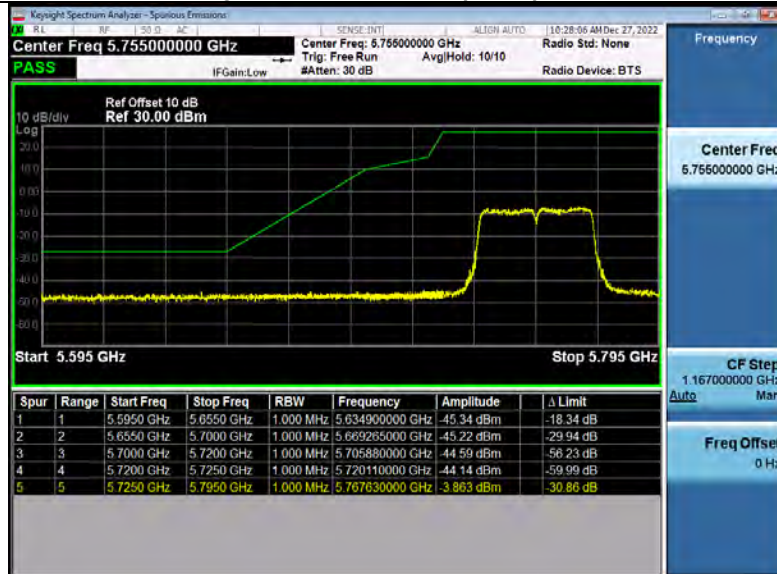
Bandedge 5 8GWiFi 802_11n(HT40) 5755 40M



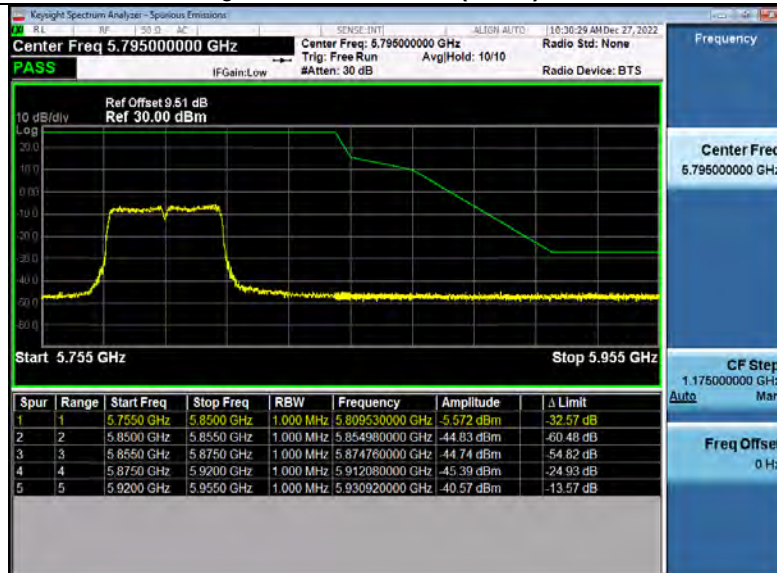
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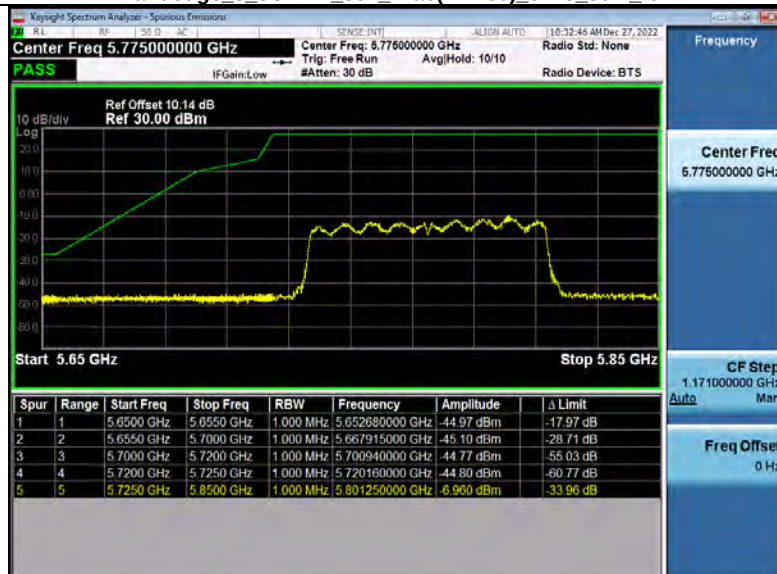
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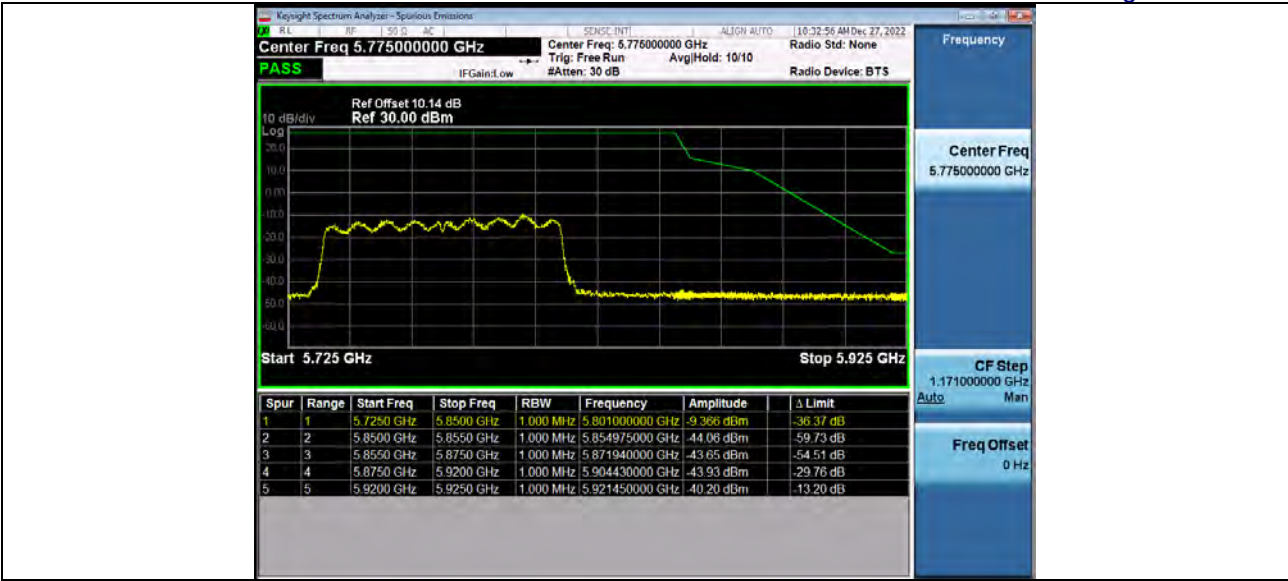
Bandedge 5 8GWiFi 802_11ac(VHT40) 5795_40M



Bandedge 5 8GWiFi 802_11ac(VHT80) 5775_80M_low



Bandedge 5 8GWiFi 802_11ac(VHT80) 5775_80M_up



13. TEST SETUP PHOTO

Reference to the test setup file for details.

14. EUT CONSTRUCTIONAL DETAILS

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

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