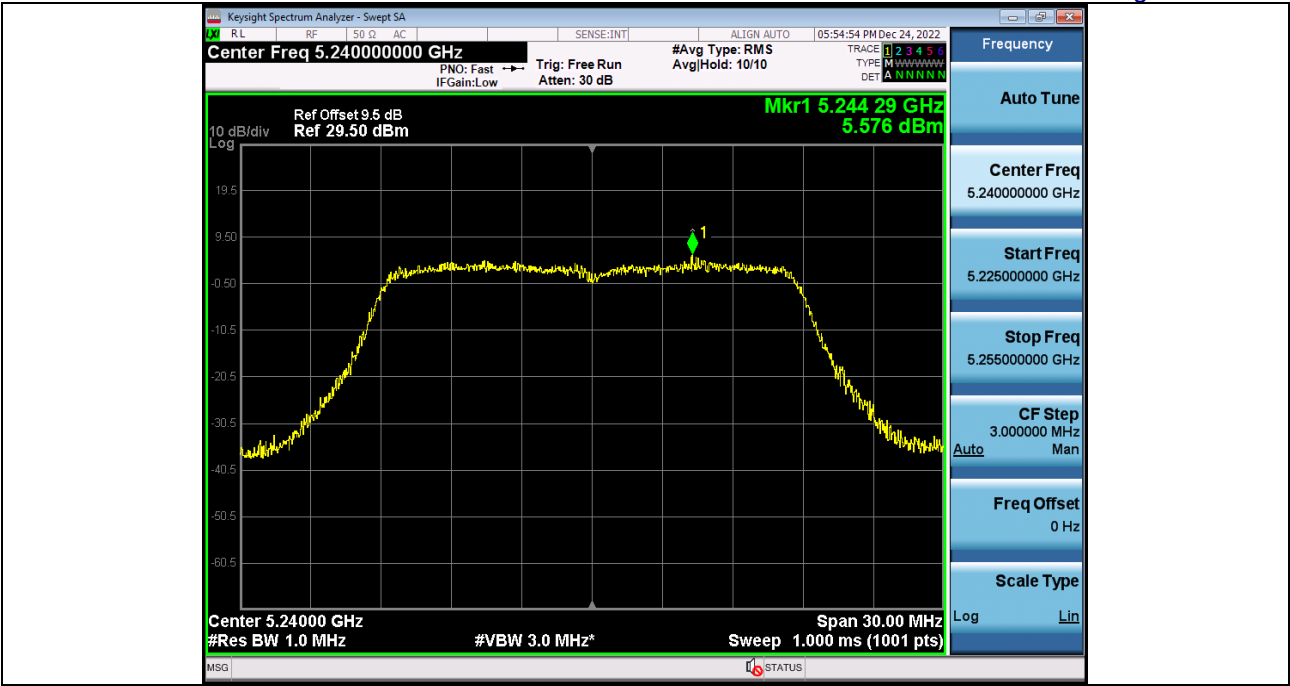




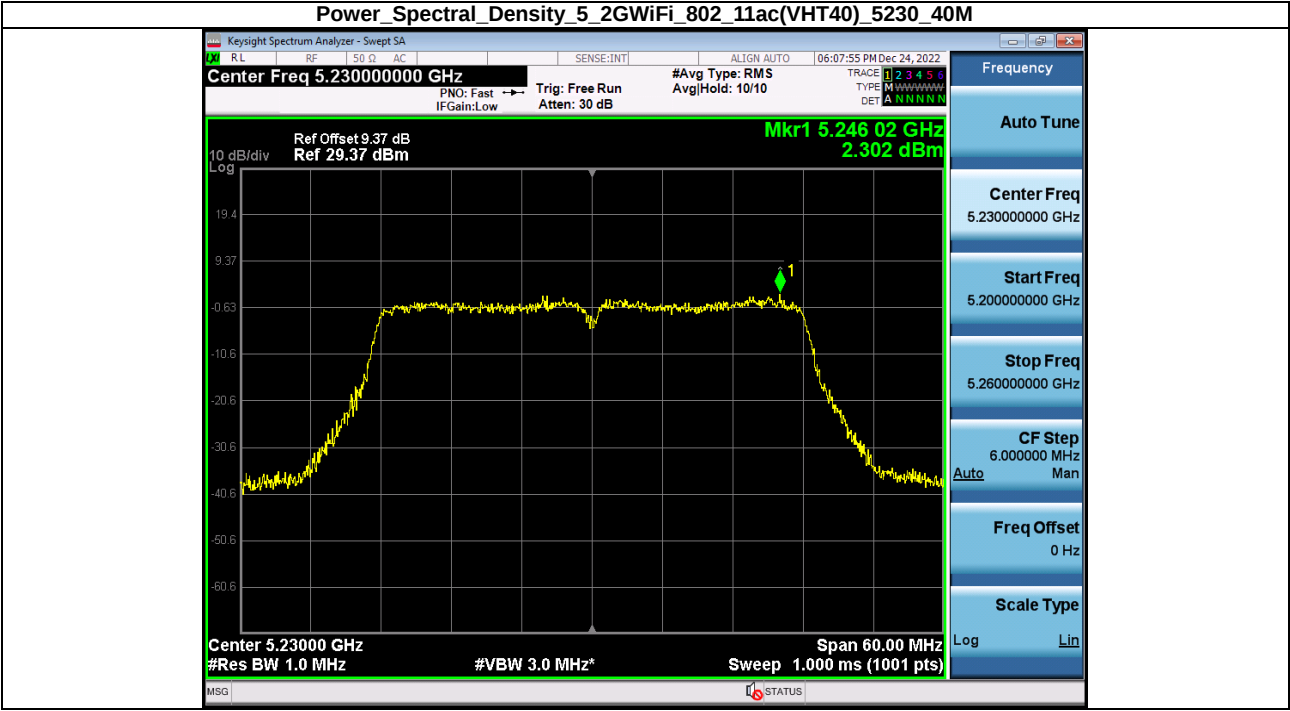
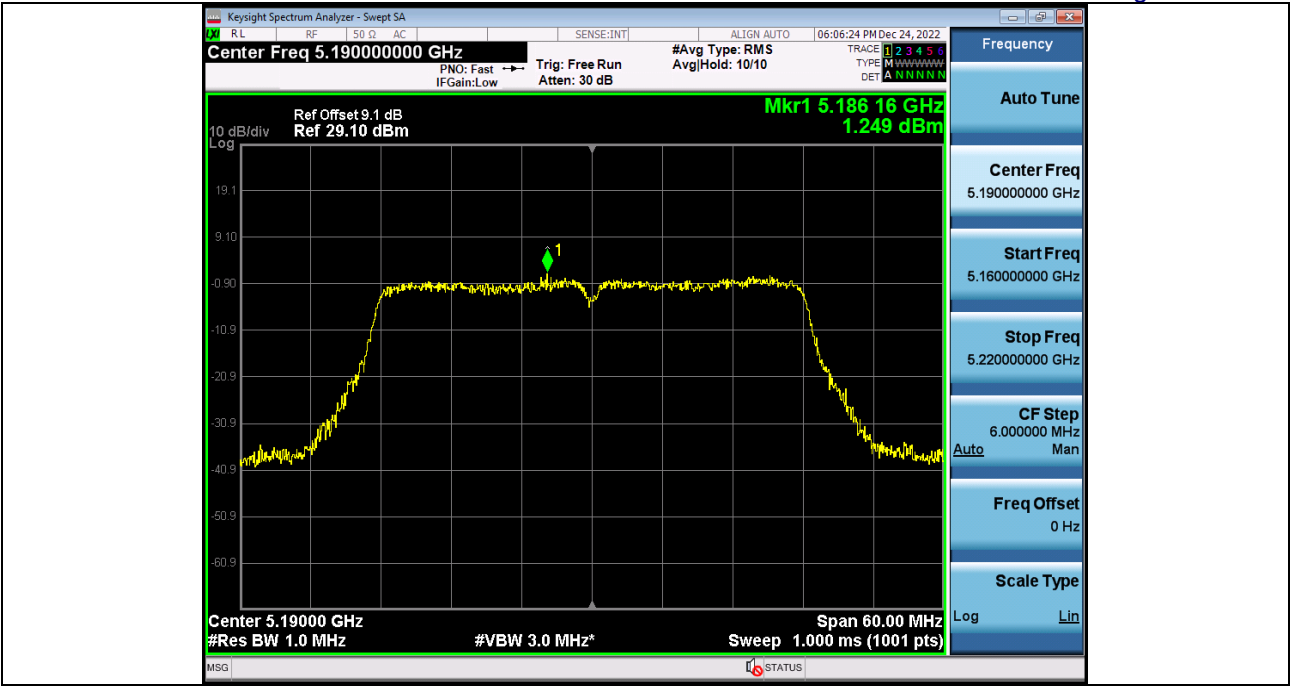
Power Spectral Density 5 2GWiFi_802_11ac(VHT20)_5200_20M



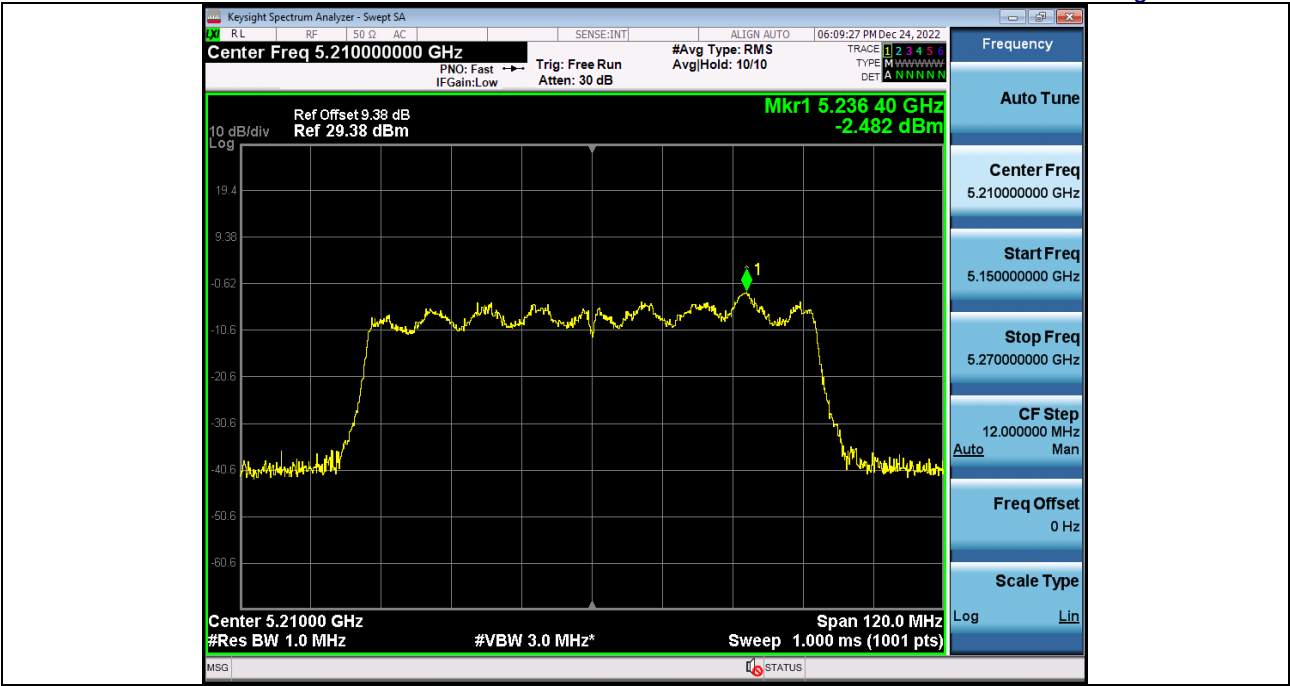
Power Spectral Density 5_2GWiFi_802_11n(HT40)_5190_40M



Power_Spectral_Density_5_2GWiFi_802_11ac(VHT40)_5190_40M

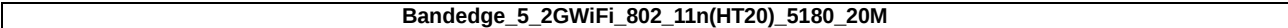
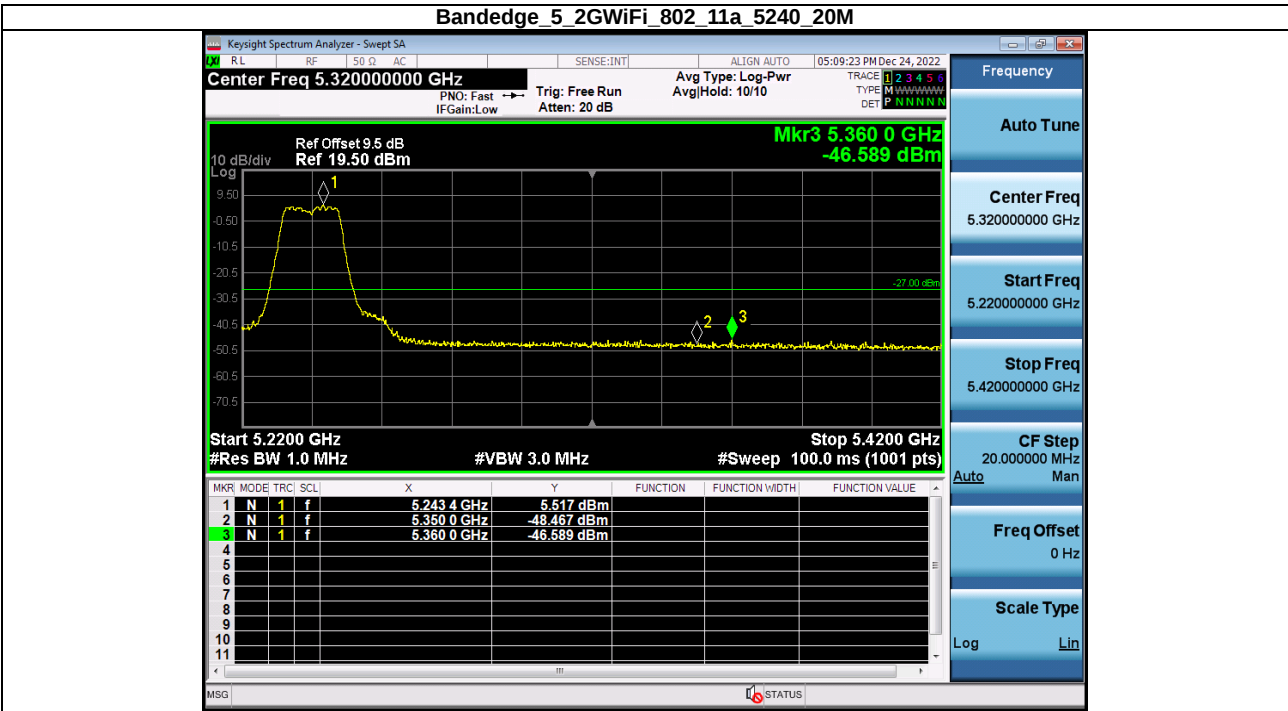
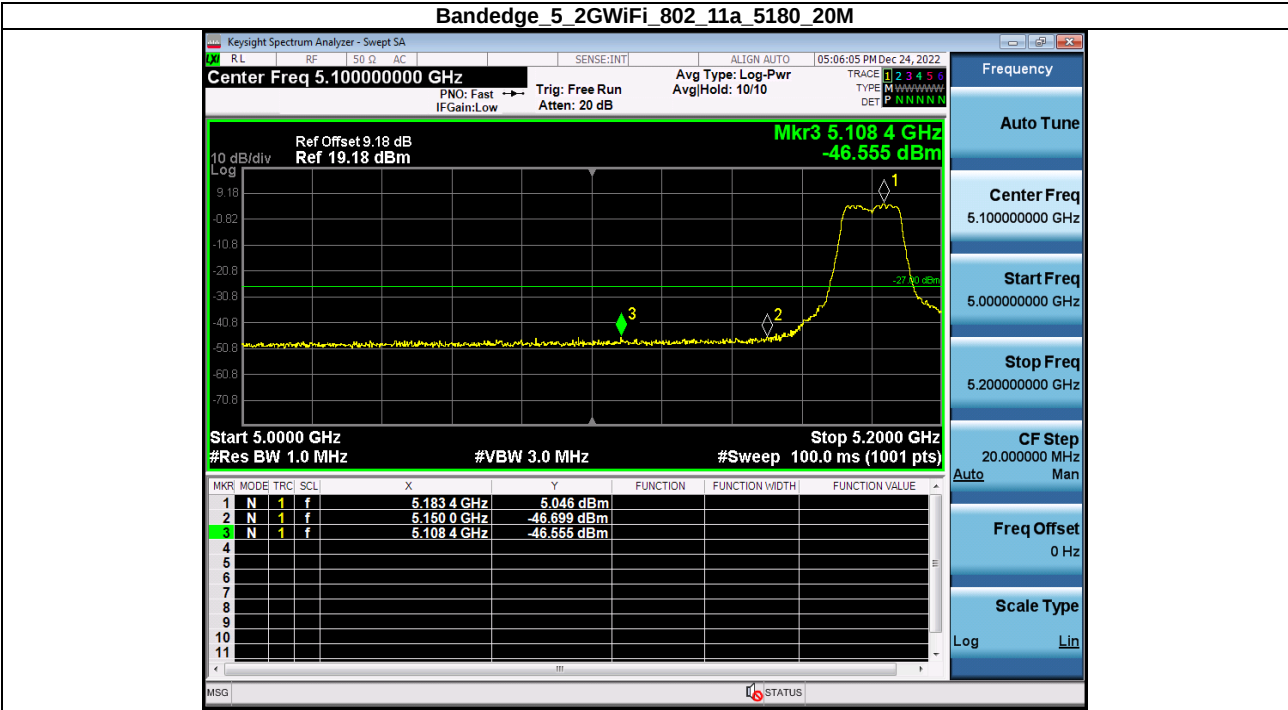


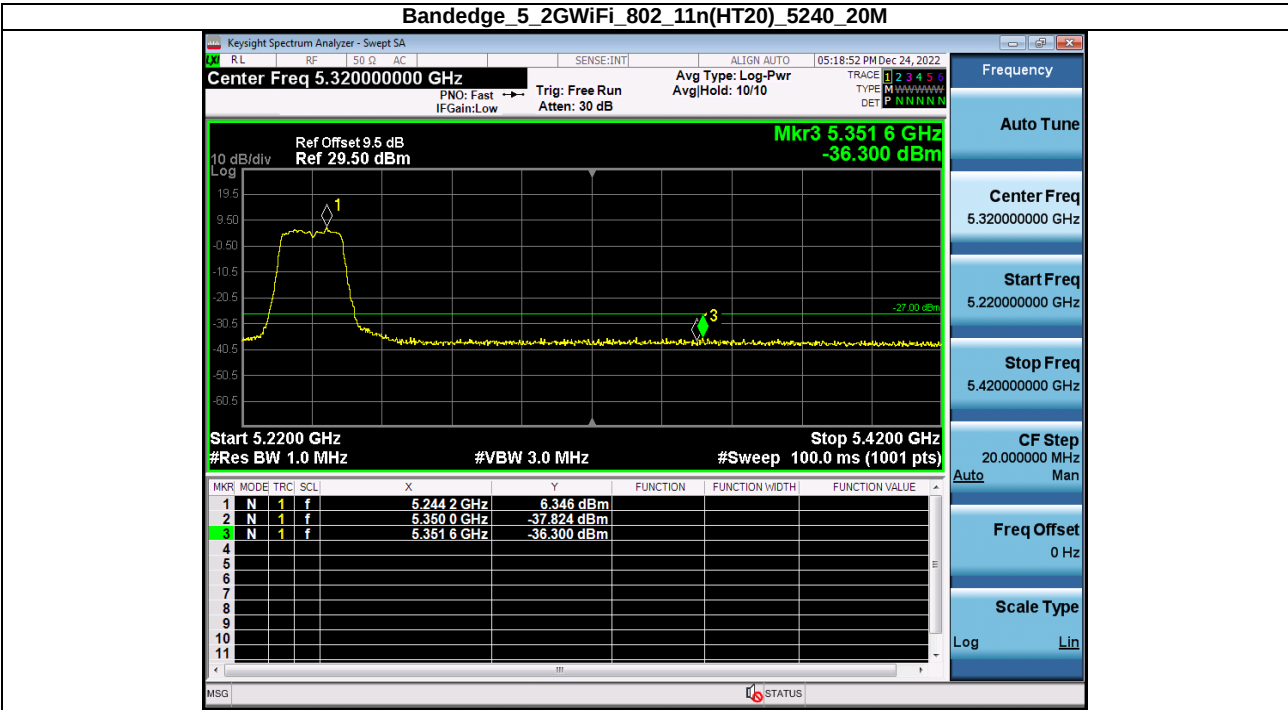
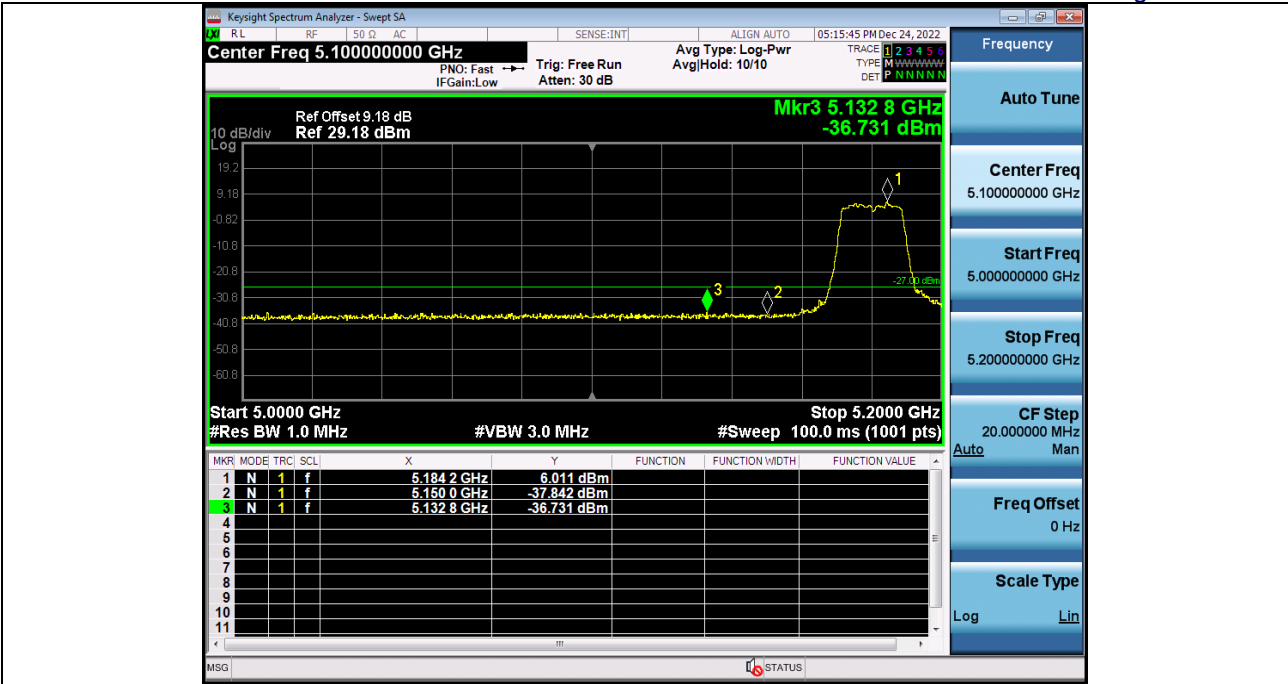
Power Spectral Density 5 2GWiFi_802_11ac(VHT80)_5210_80M



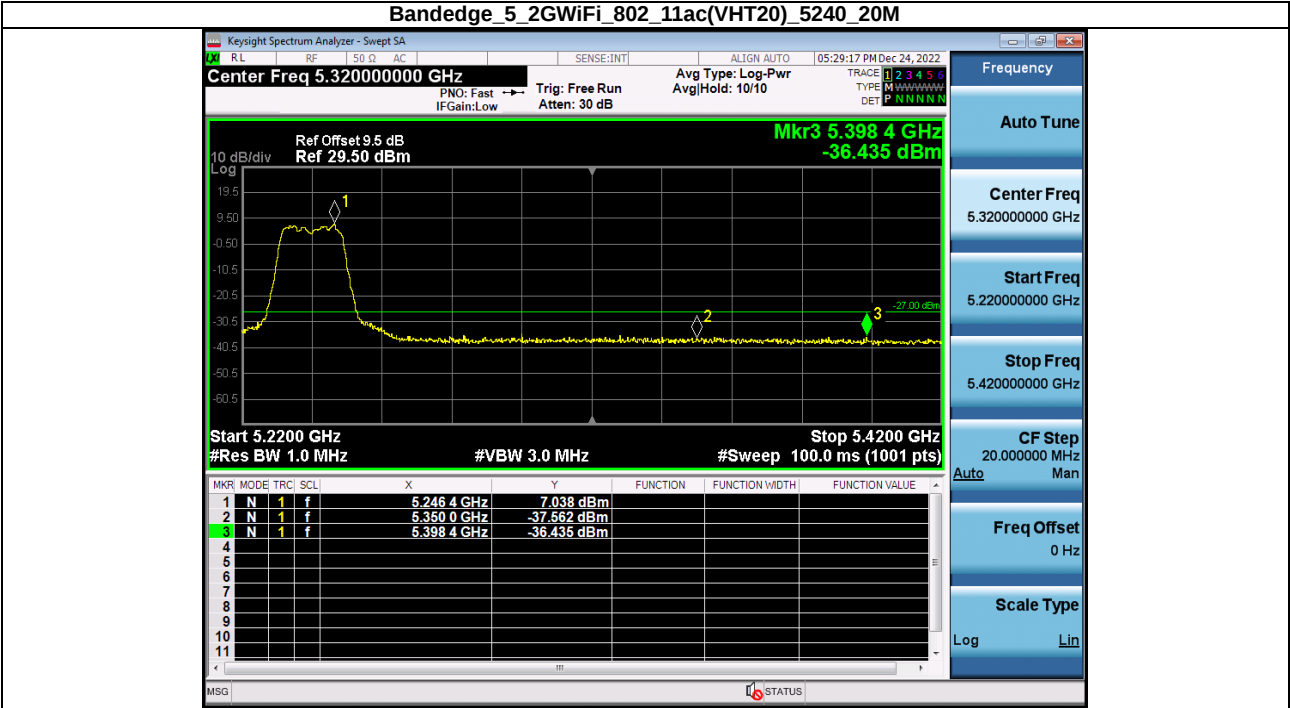
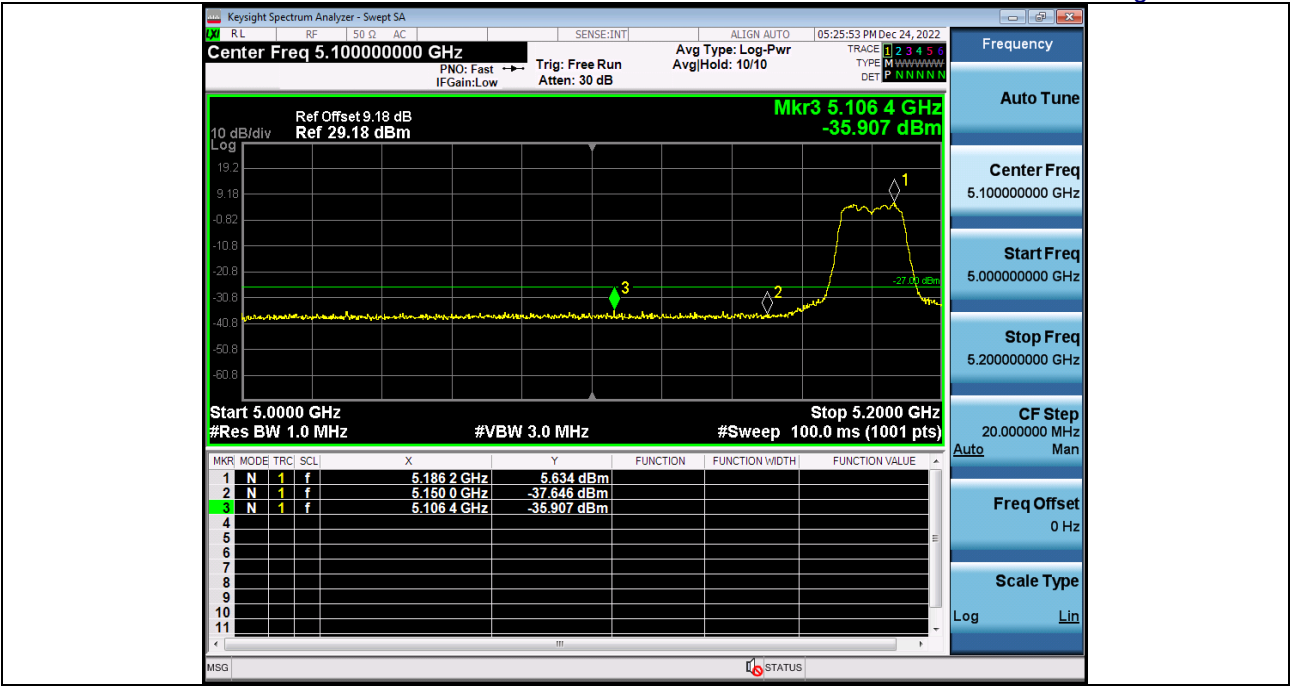
4. Bandedge

ANT1

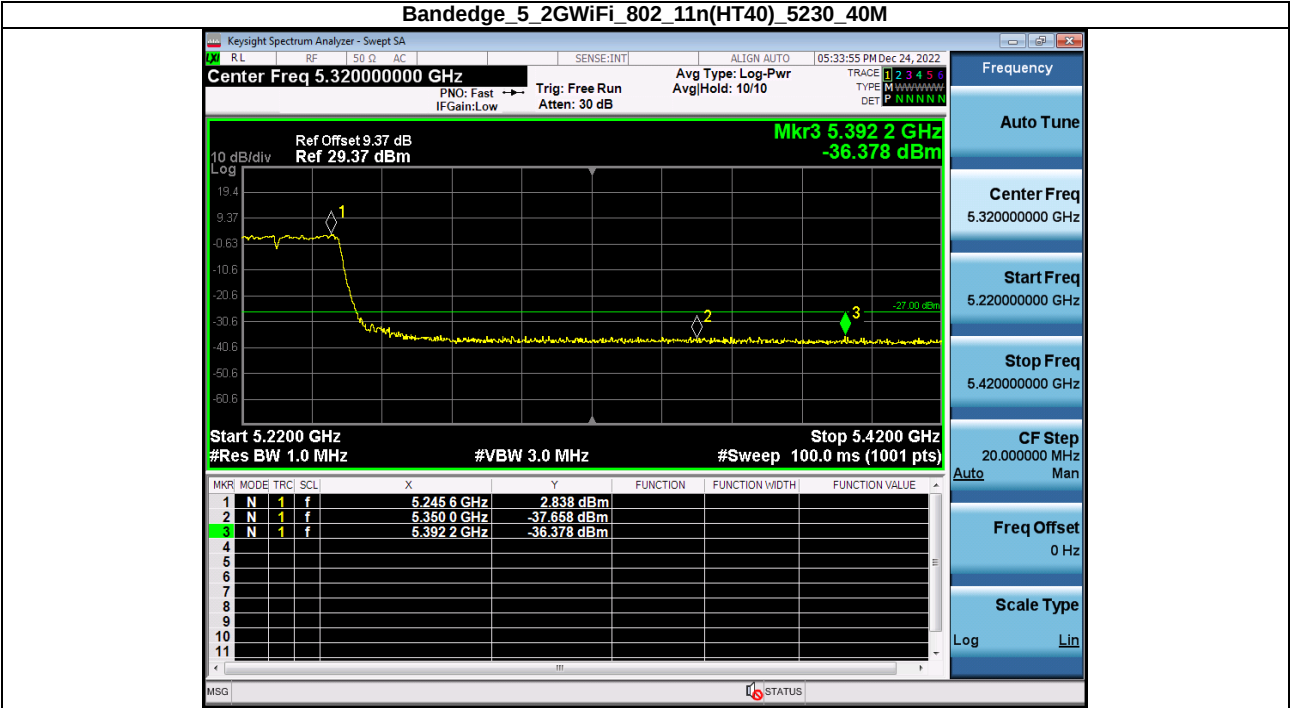
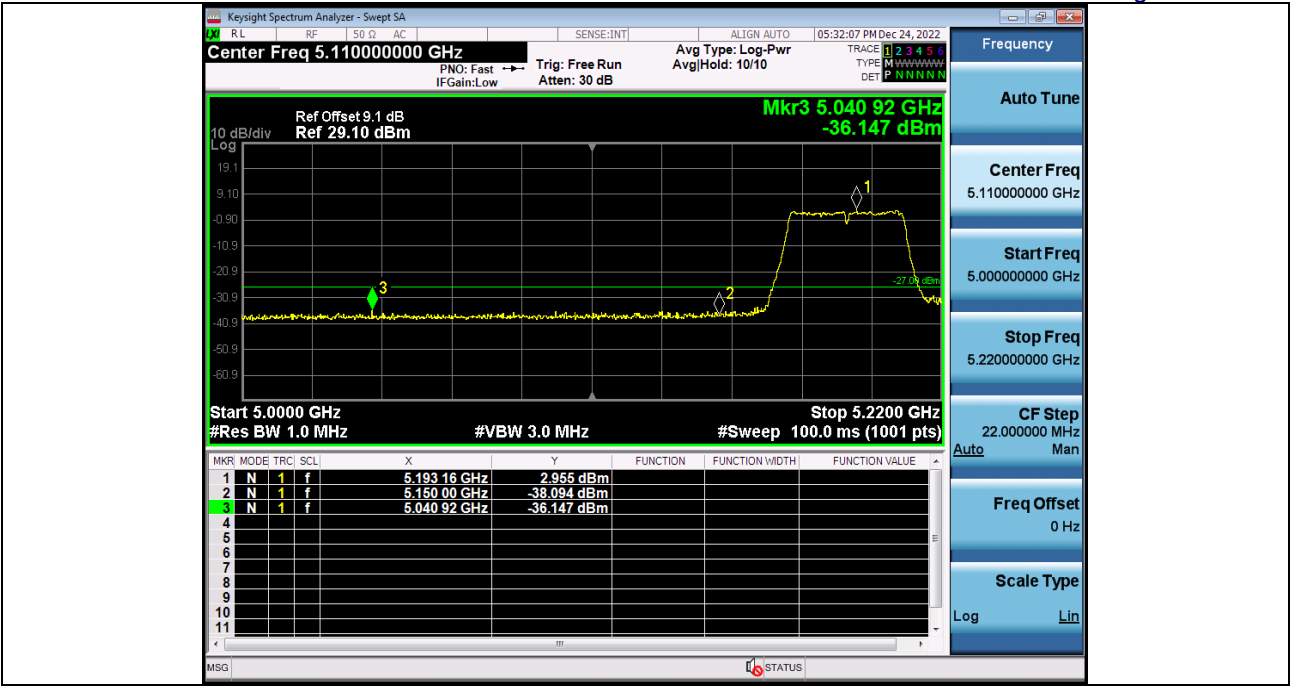




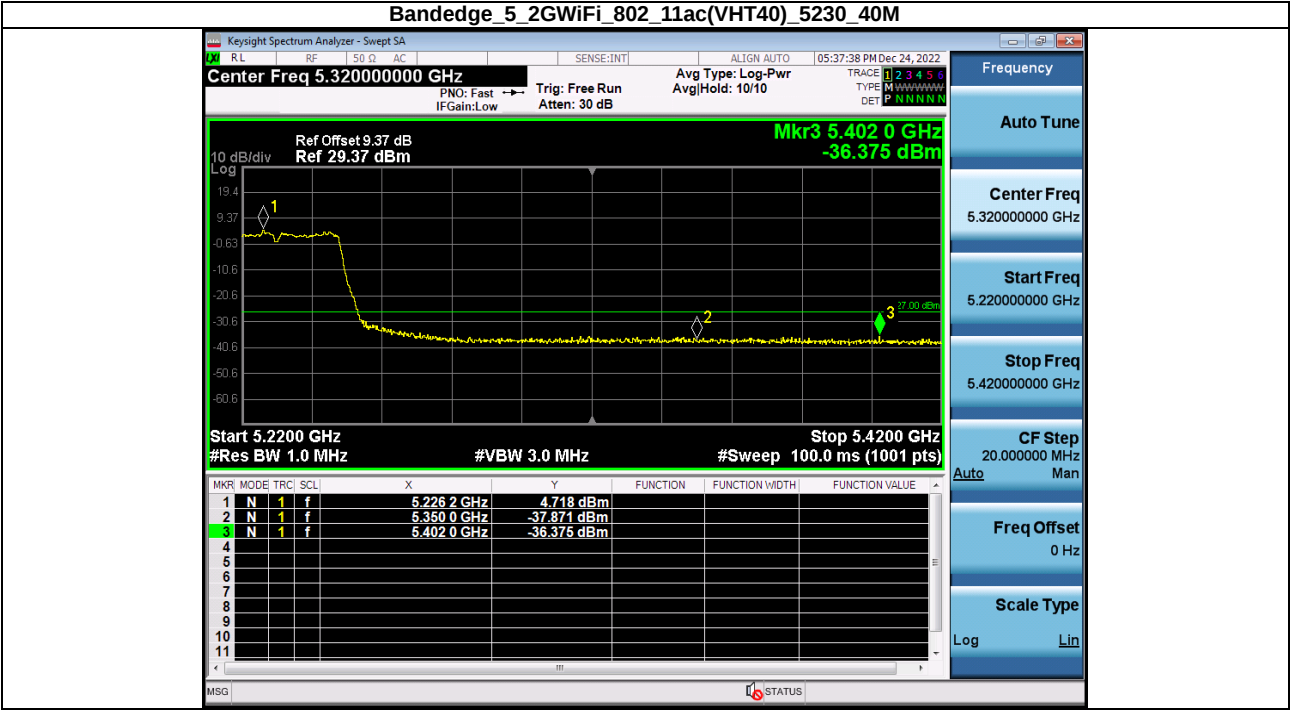
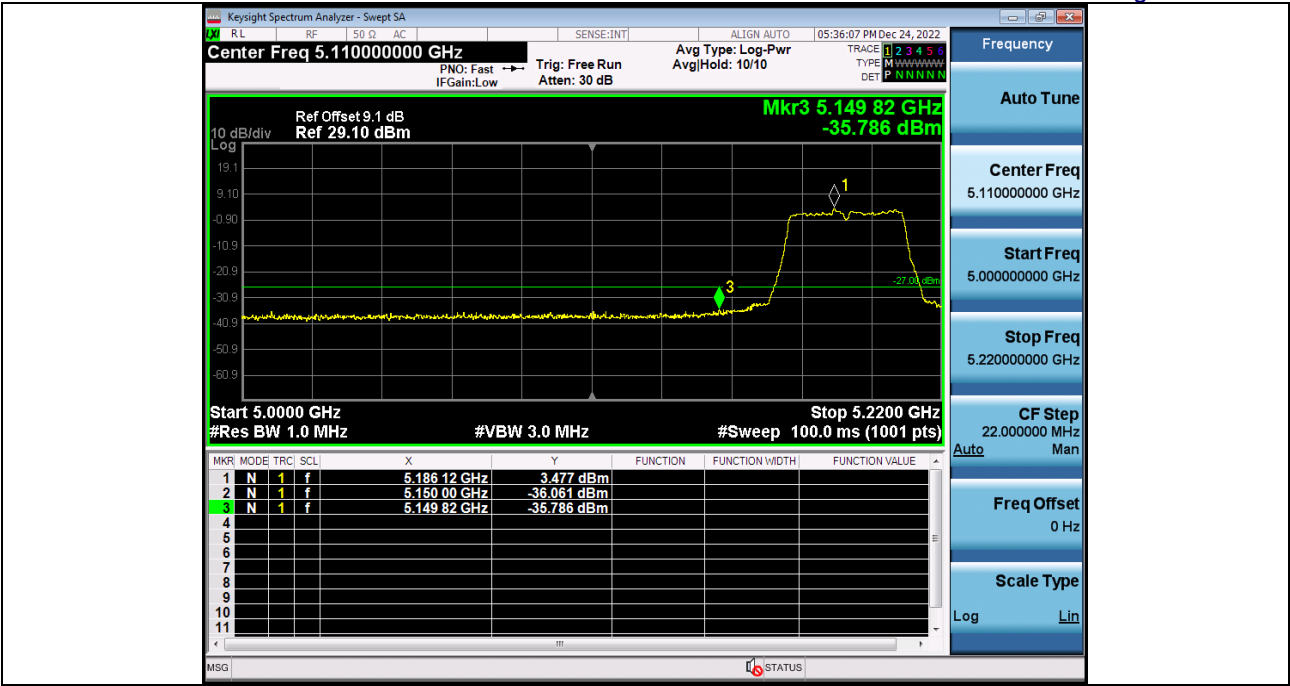
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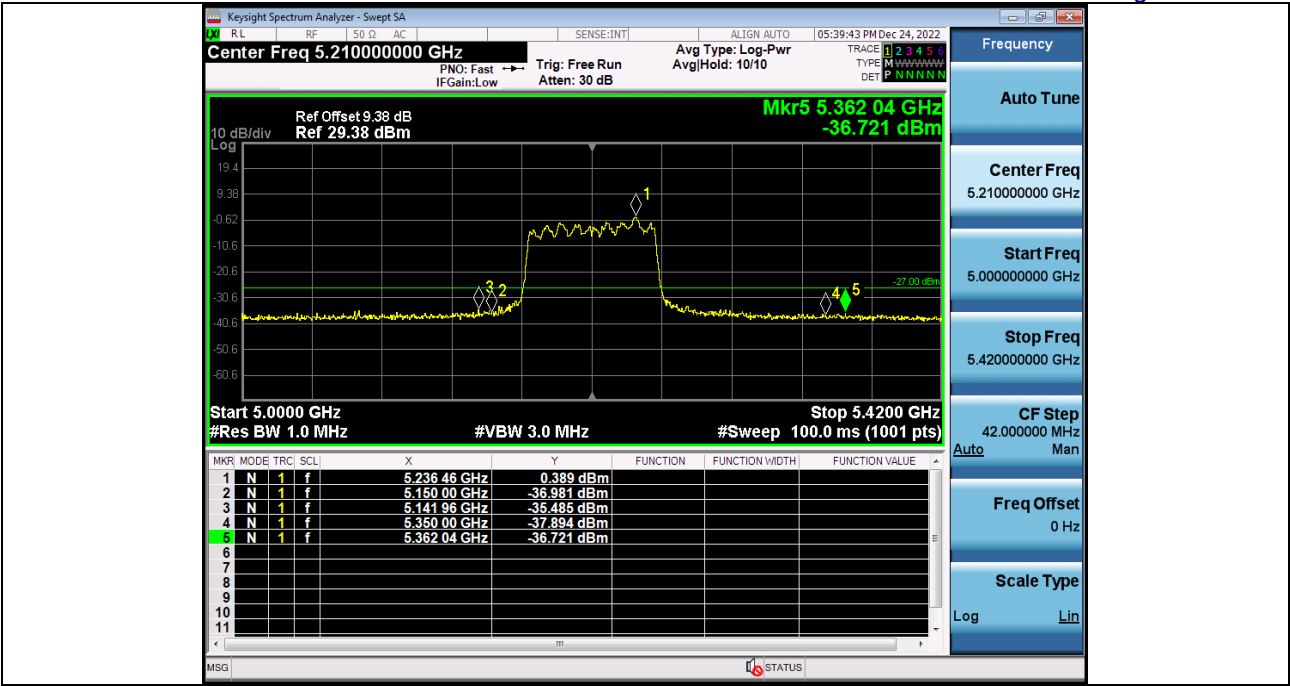
Bandedge_5_2GWiFi_802_11n(HT40)_5190_40M



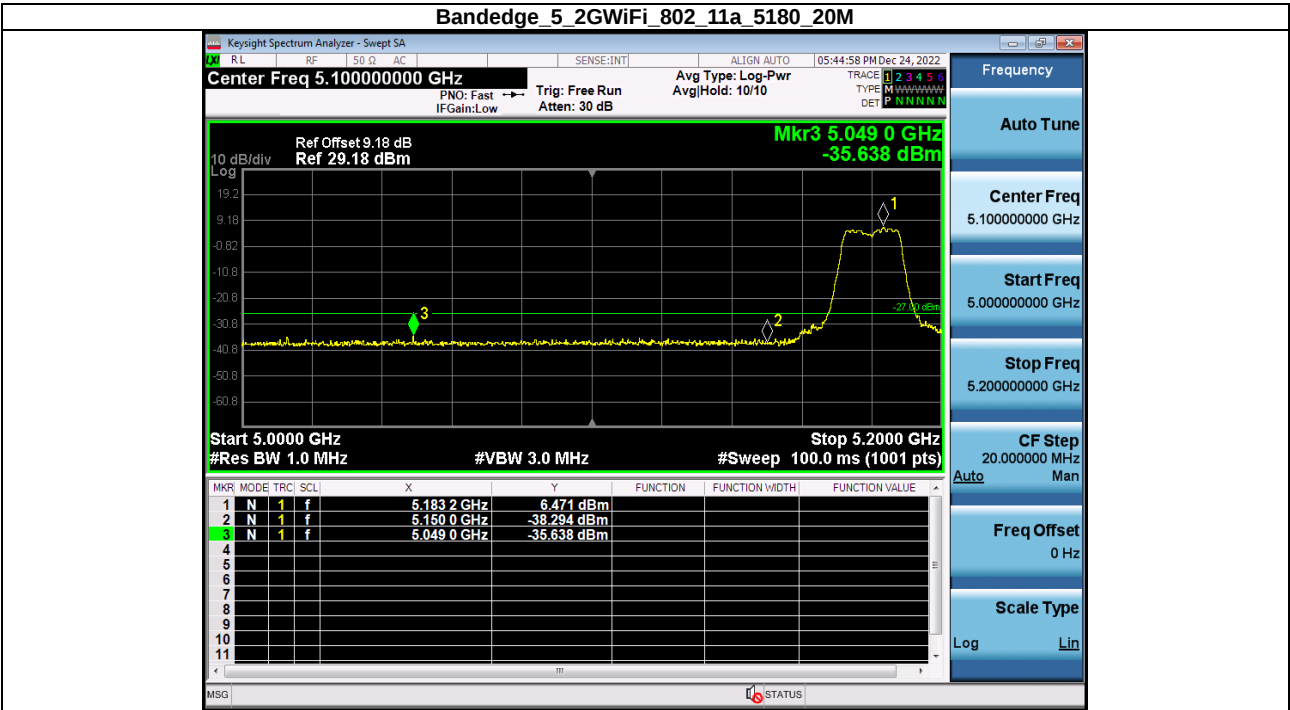
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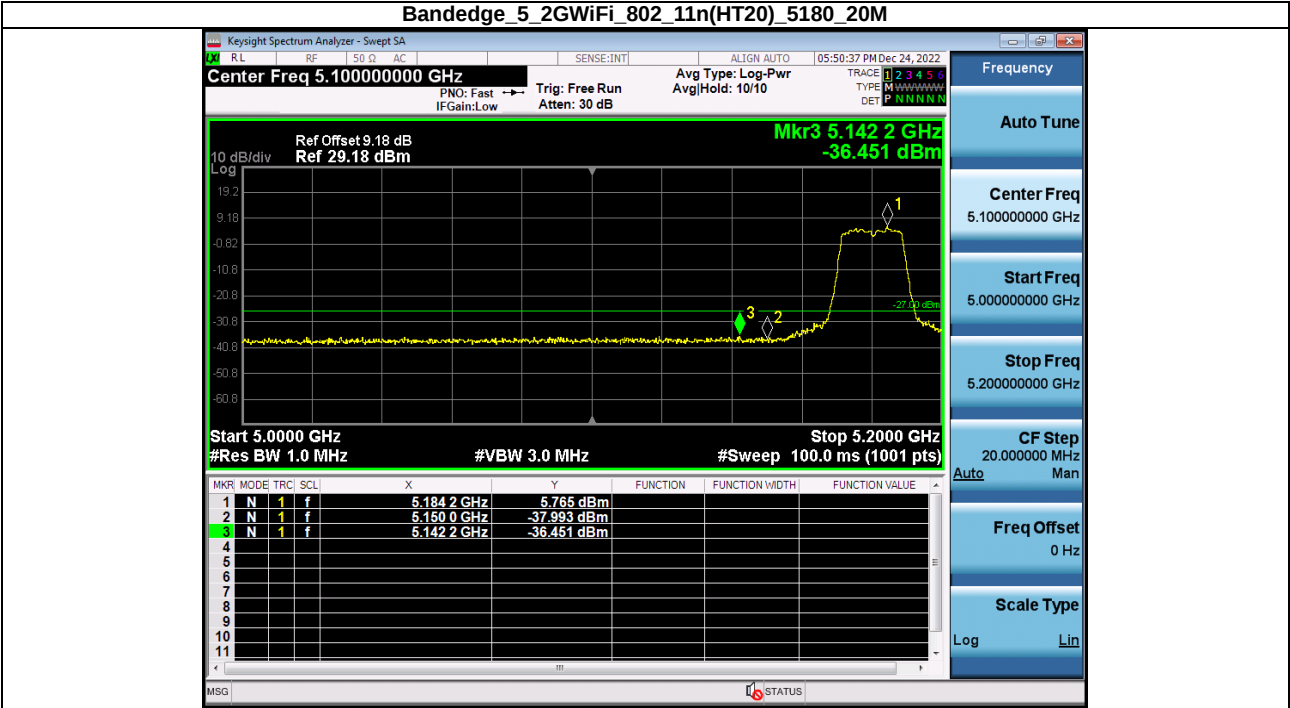
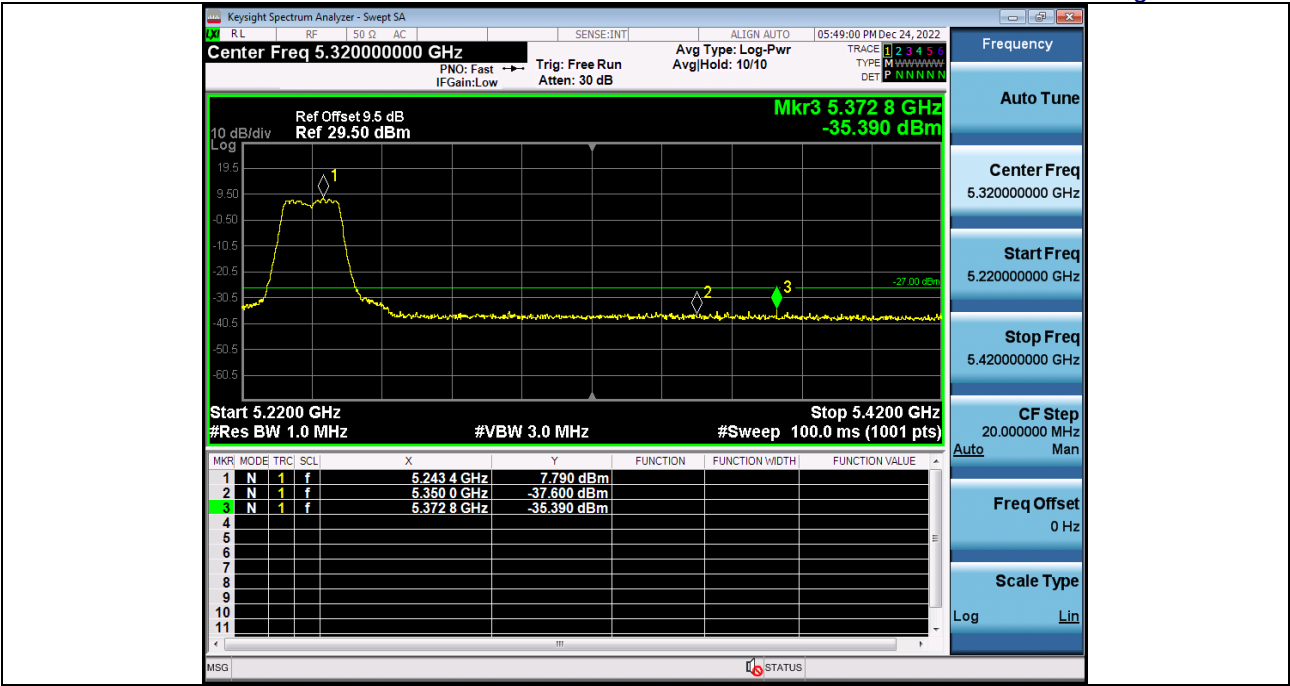
Bandedge_5_2GWiFi_802_11ac(VHT80)_5210_80M



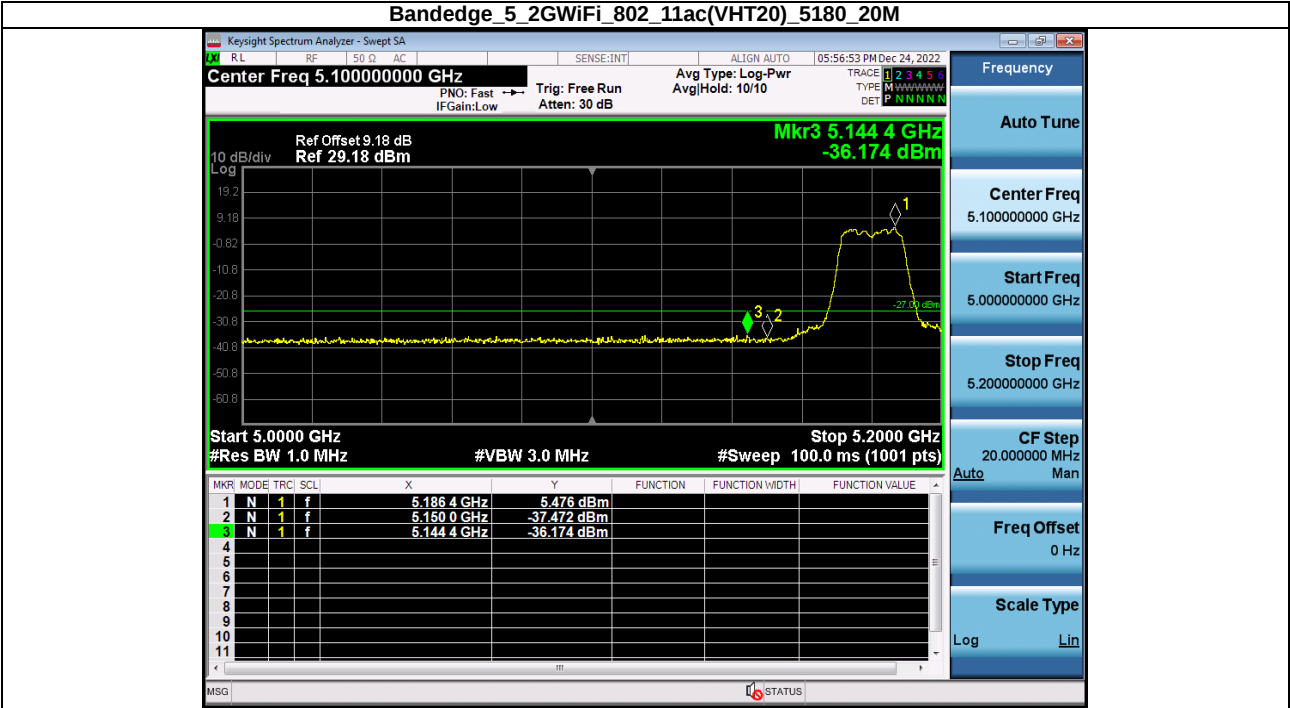
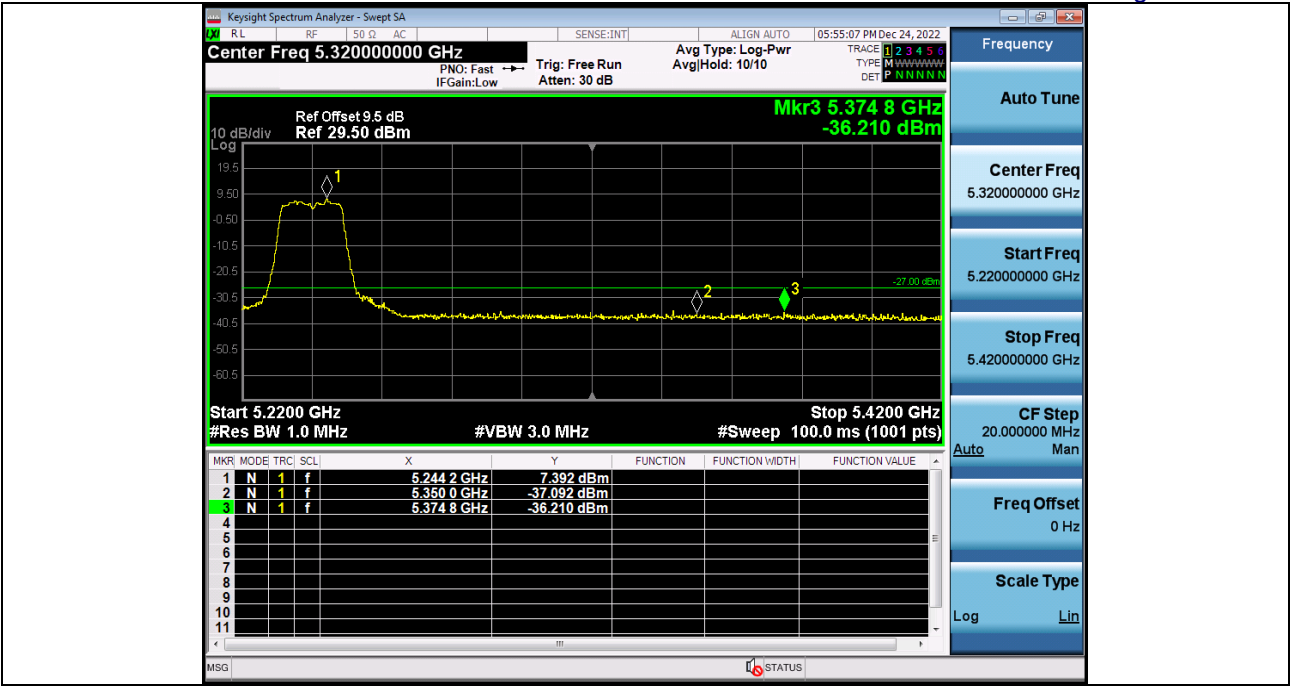
ANT2



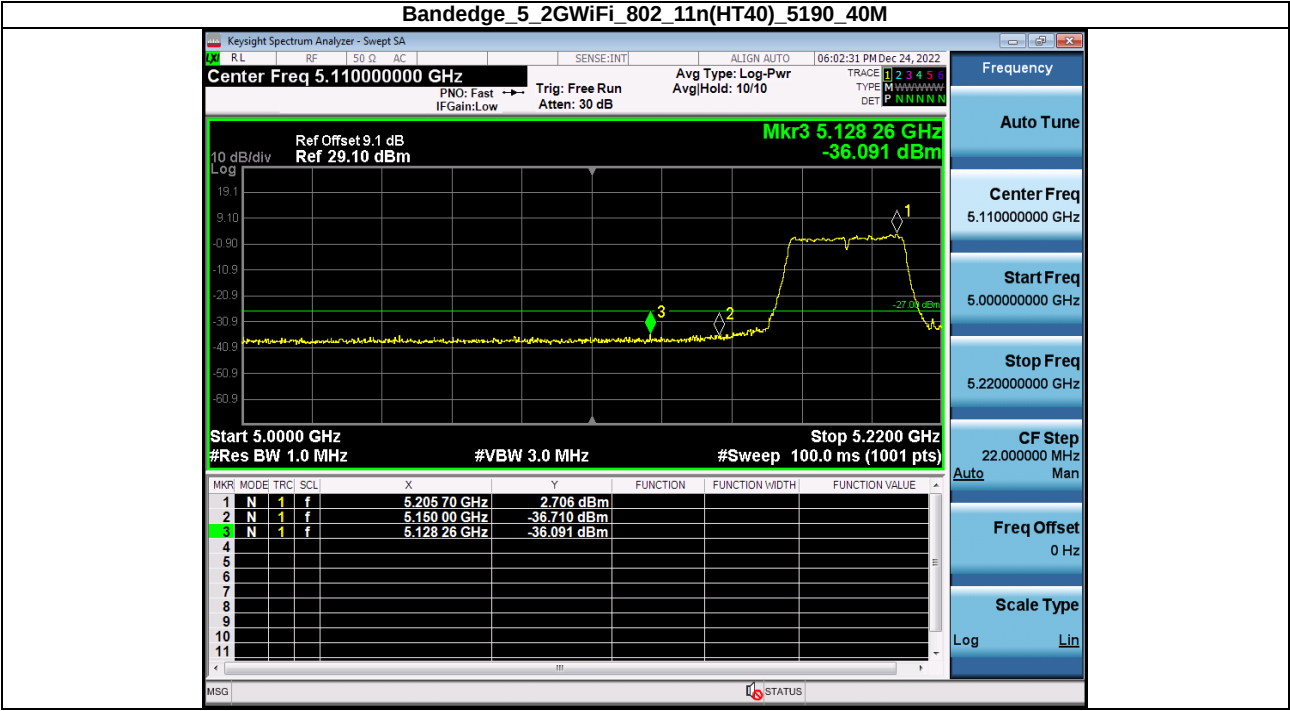
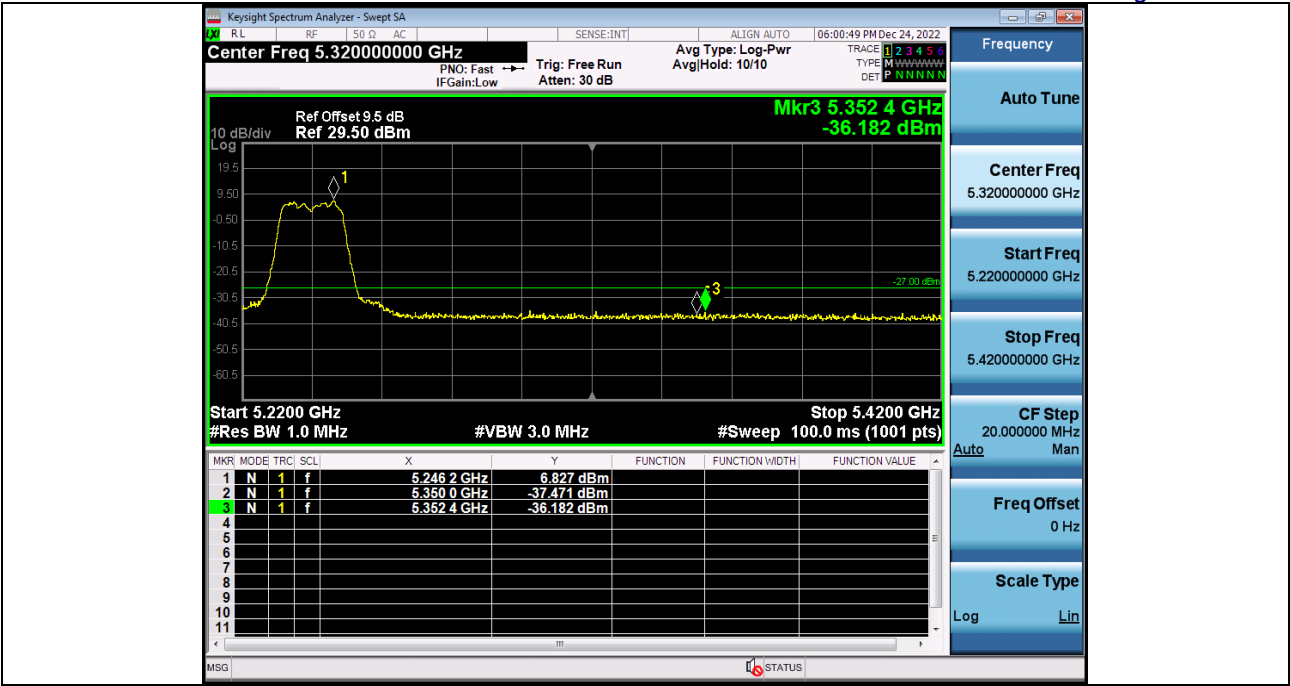
Bandedge_5_2GWiFi_802_11a_5240_20M



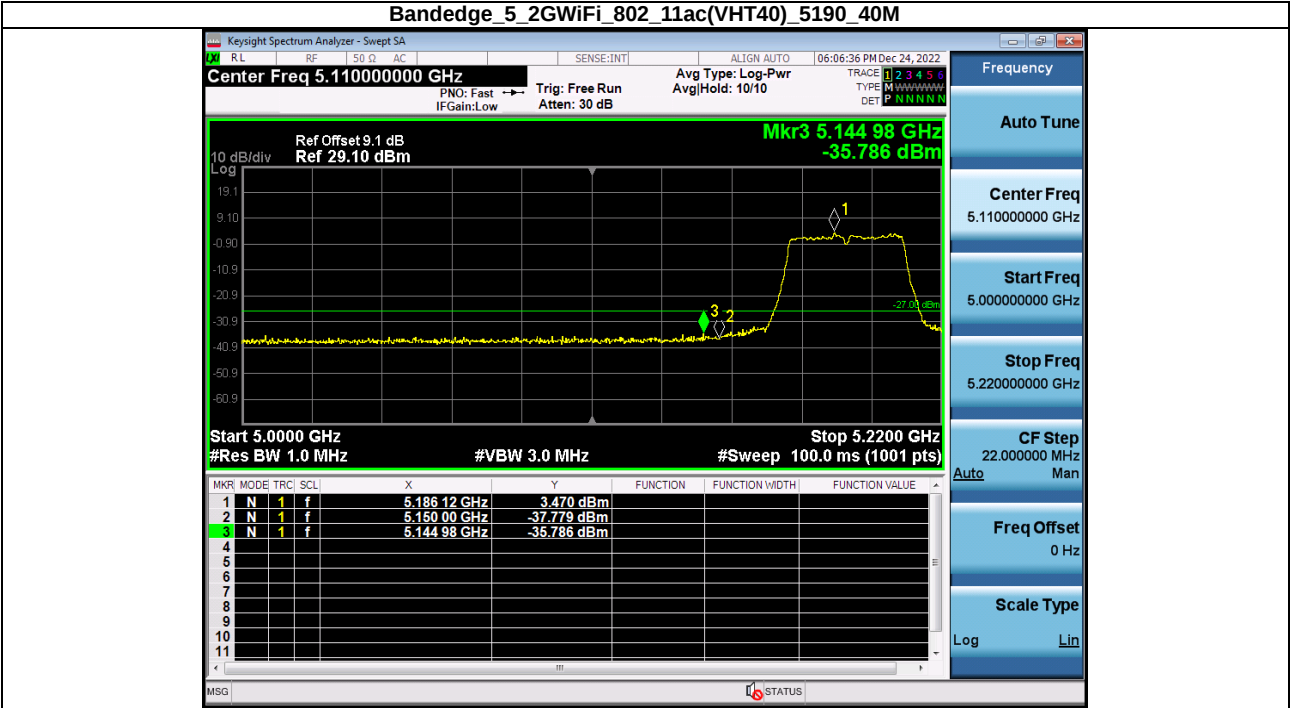
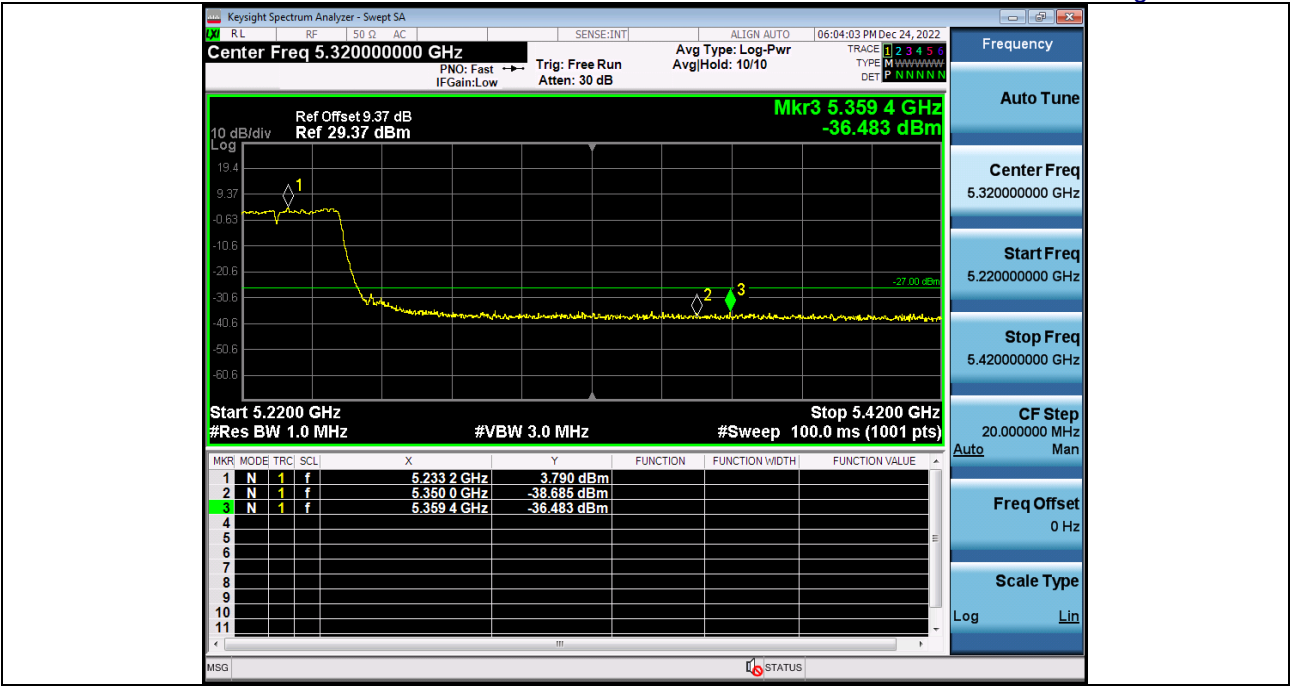
Bandedge_5_2GWiFi_802_11n(HT20)_5240_20M



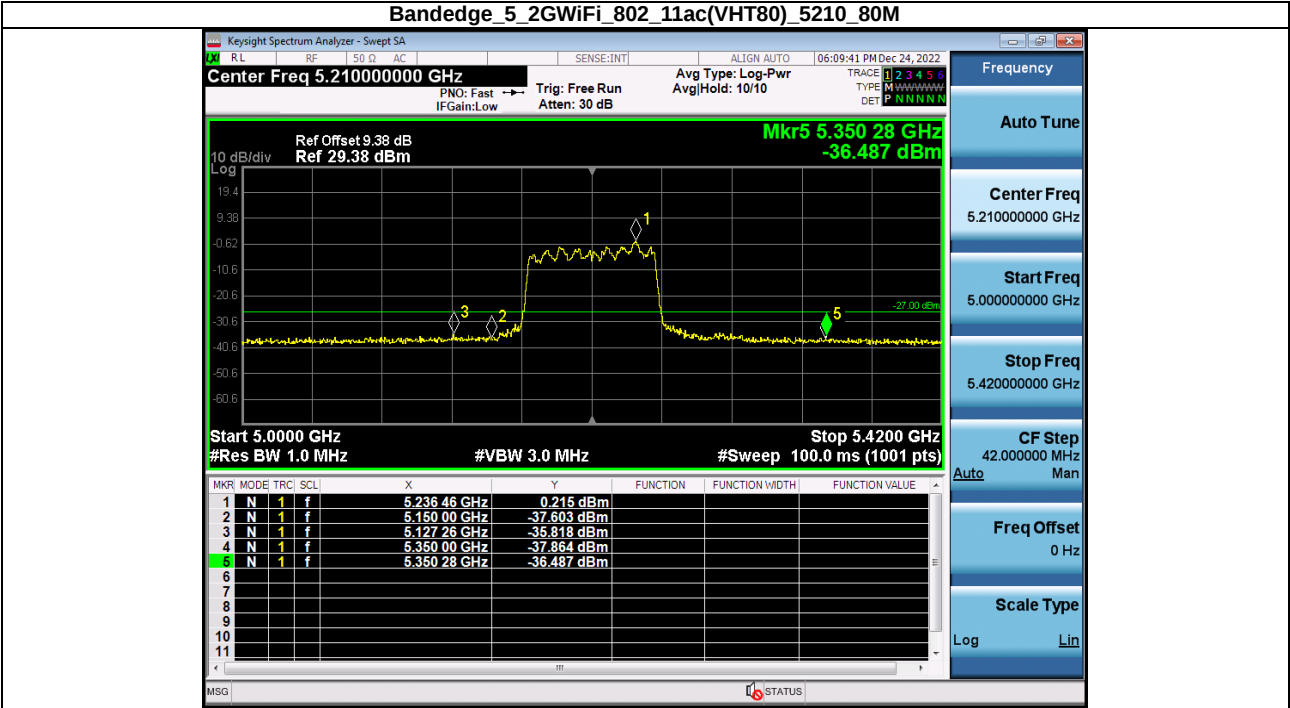
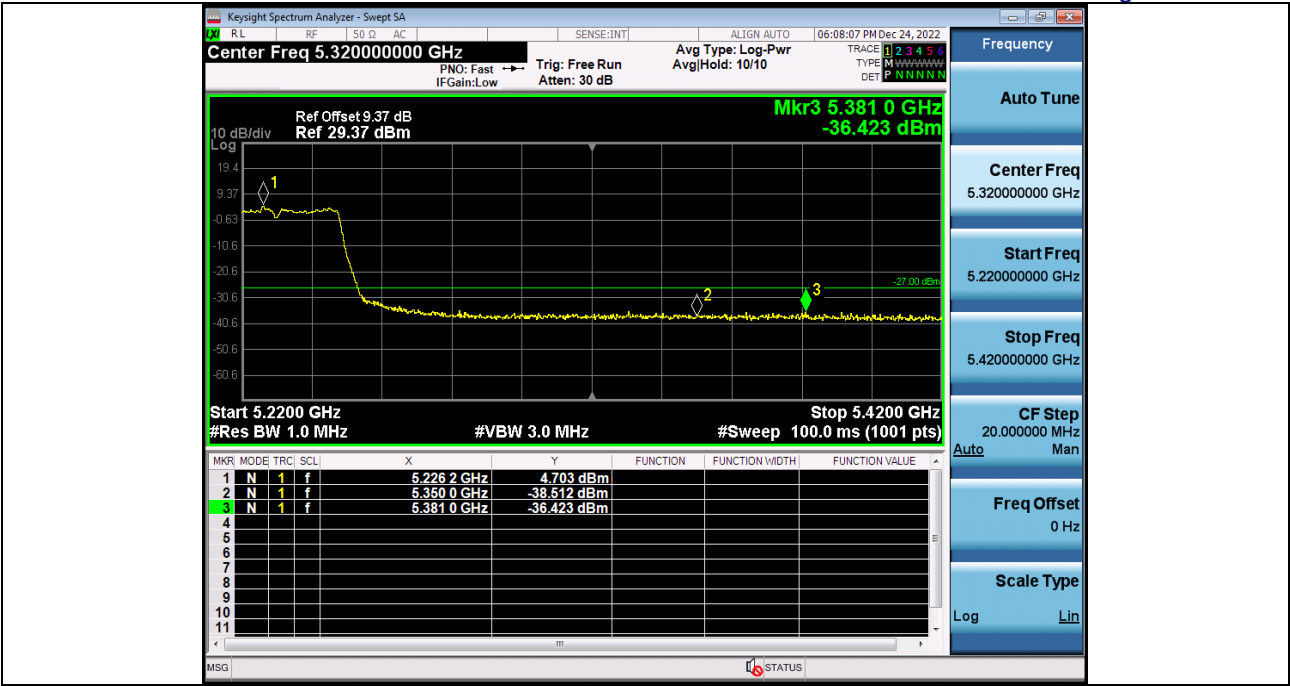
Bandedge_5_2GWiFi_802_11ac(VHT20)_5240_20M



Bandedge_5_2GWiFi_802_11n(HT40)_5230_40M



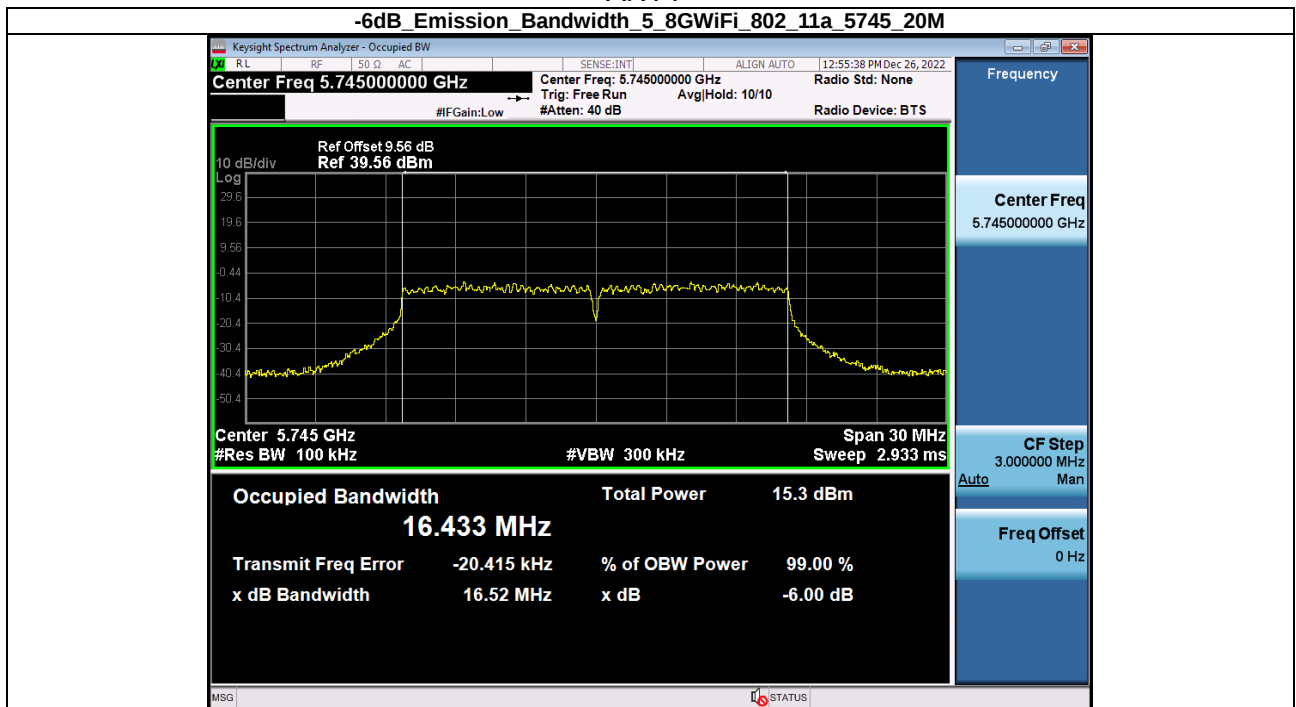
Bandedge_5_2GWiFi_802_11ac(VHT40)_5230_40M

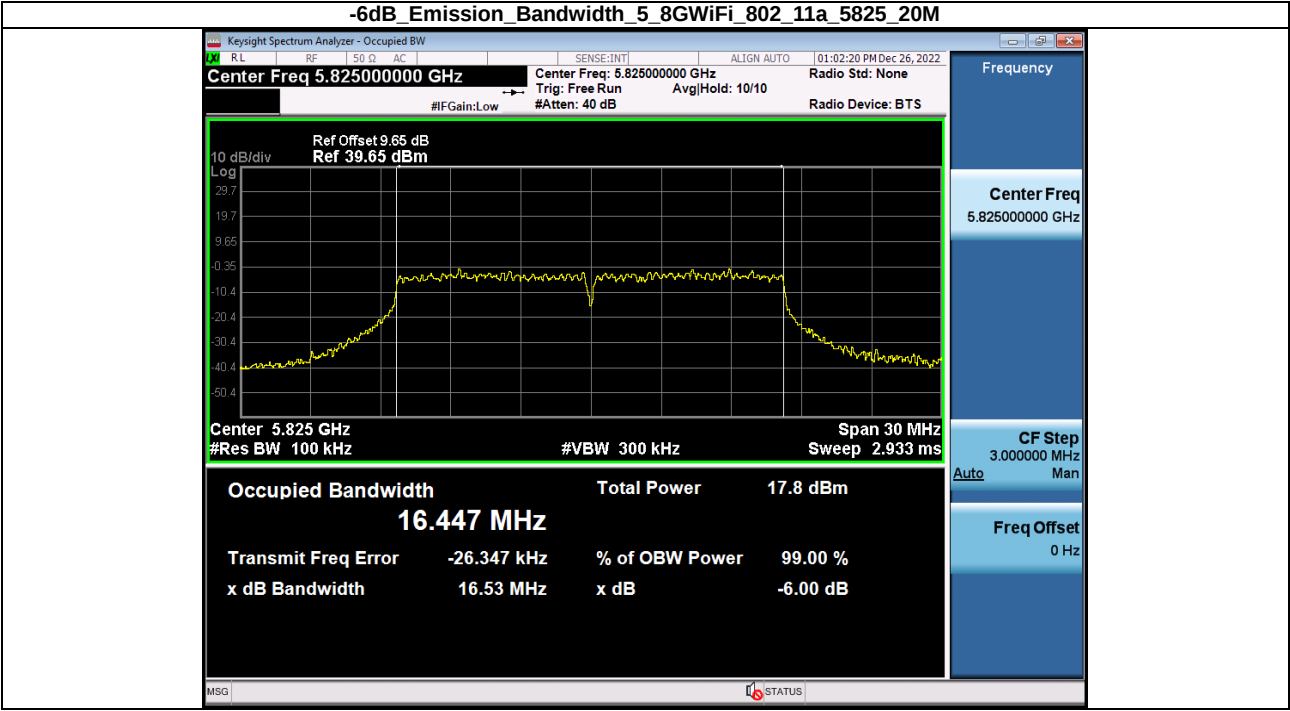
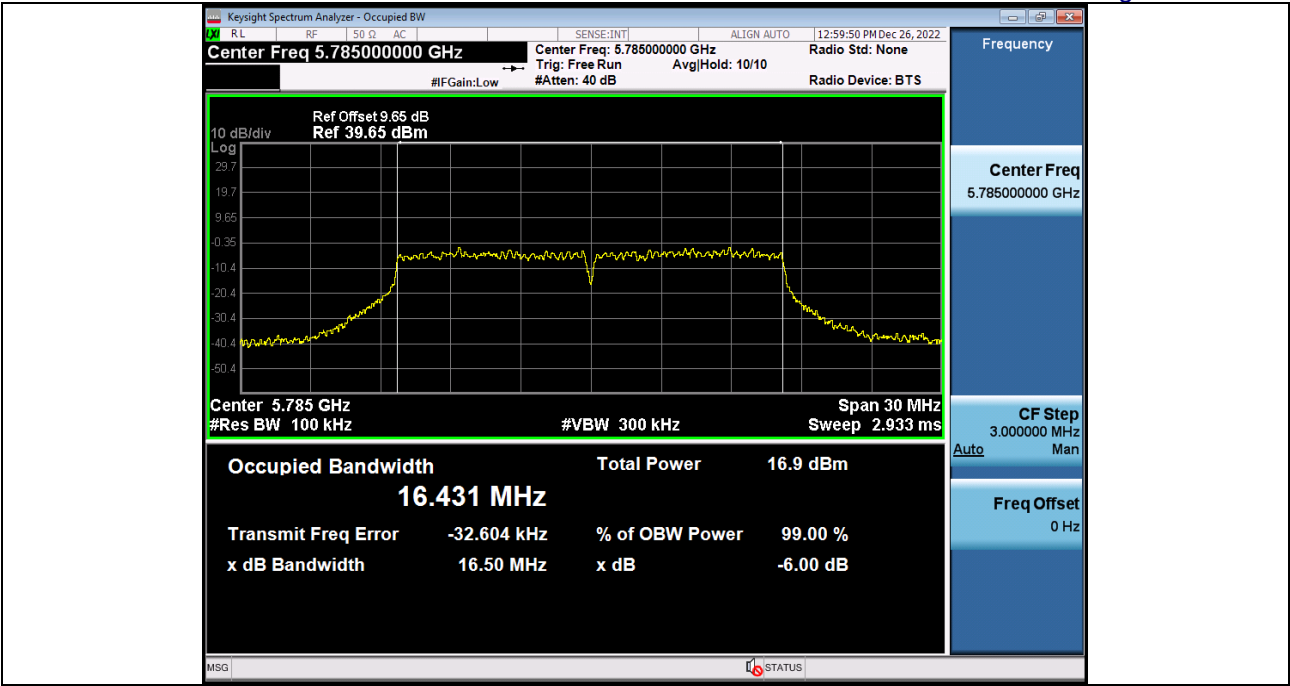


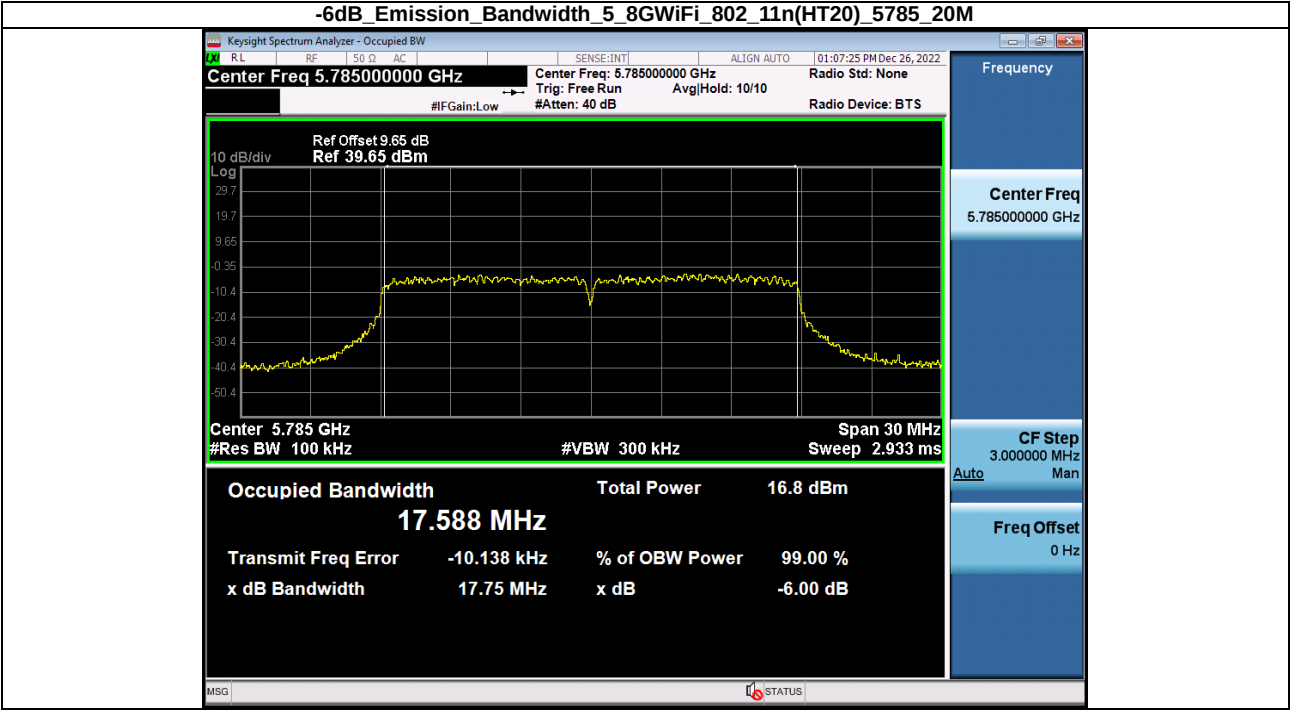
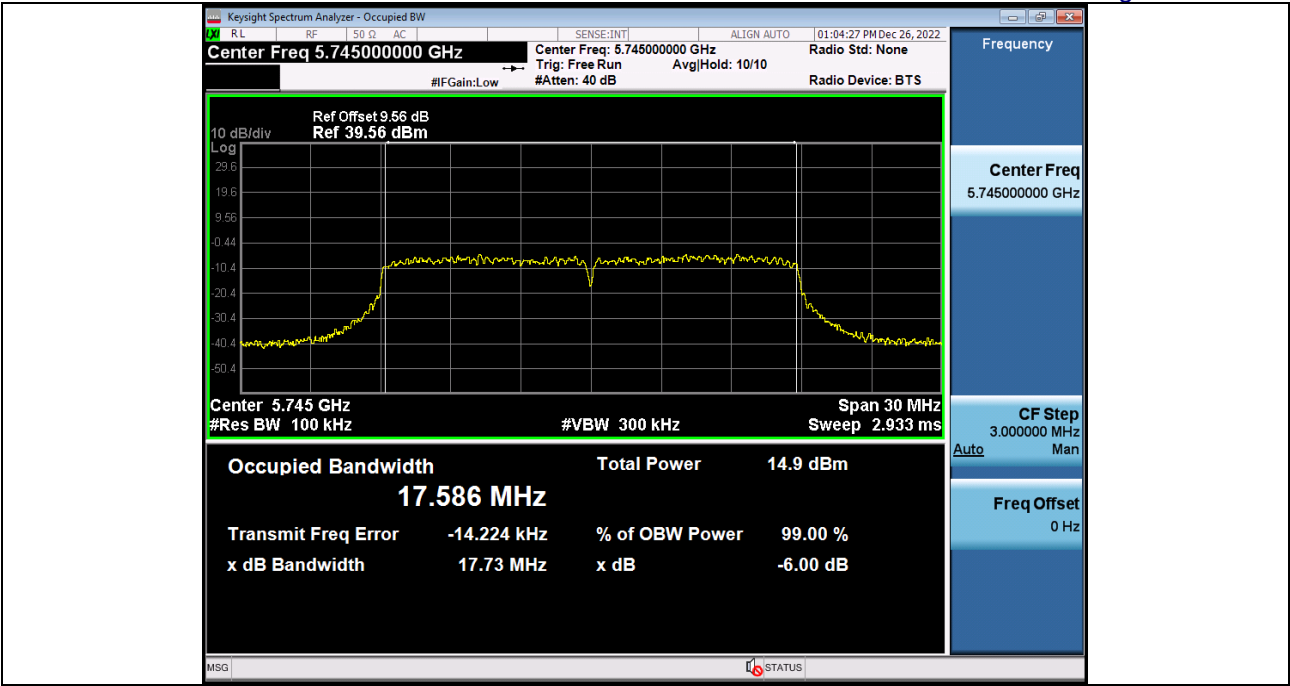
12.APPENDIX1---5.8GWIFI**1. -6dB Emission Bandwidth**

Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	LCH	5745.00	16.520	0.500	Pass
NVNT	ANT1	MCH	5785.00	16.498	0.500	Pass
NVNT	ANT1	HCH	5825.00	16.526	0.500	Pass
NVNT	ANT1	LCH	5745.00	17.731	0.500	Pass
NVNT	ANT1	MCH	5785.00	17.753	0.500	Pass
NVNT	ANT1	HCH	5825.00	17.730	0.500	Pass
NVNT	ANT1	LCH	5745.00	17.699	0.500	Pass
NVNT	ANT1	MCH	5785.00	17.687	0.500	Pass
NVNT	ANT1	HCH	5825.00	17.688	0.500	Pass
NVNT	ANT1	LCH	5755.00	36.467	0.500	Pass
NVNT	ANT1	HCH	5795.00	36.465	0.500	Pass
NVNT	ANT1	LCH	5755.00	36.529	0.500	Pass
NVNT	ANT1	HCH	5795.00	36.523	0.500	Pass
NVNT	ANT1	MCH	5775.00	75.534	0.500	Pass

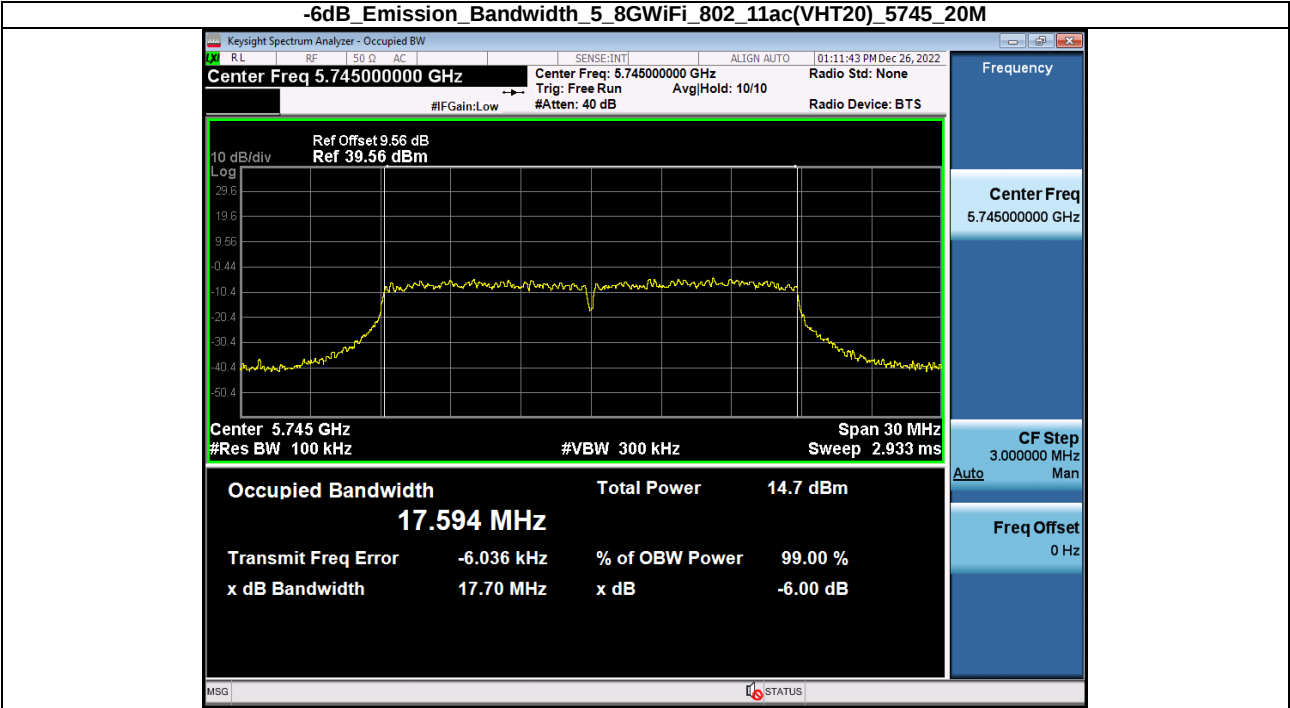
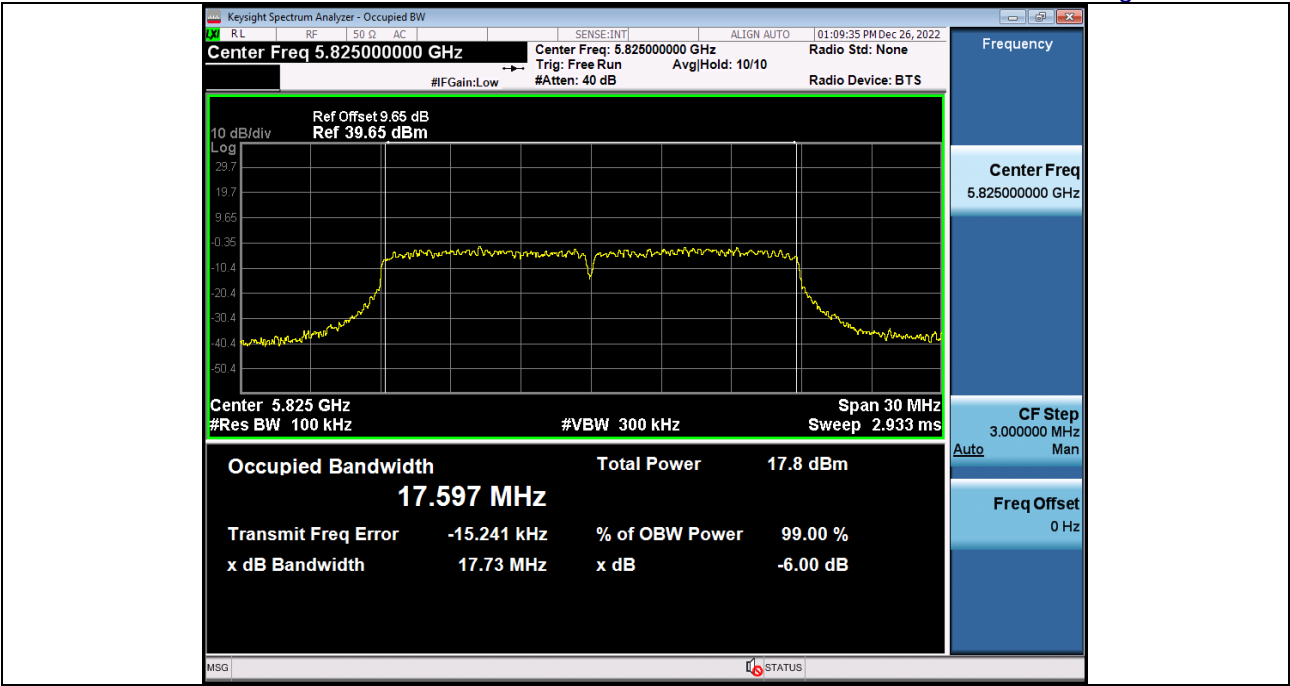
Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT2	LCH	5745.00	16.508	0.500	Pass
NVNT	ANT2	MCH	5785.00	16.519	0.500	Pass
NVNT	ANT2	HCH	5825.00	16.527	0.500	Pass
NVNT	ANT2	LCH	5745.00	17.747	0.500	Pass
NVNT	ANT2	MCH	5785.00	17.737	0.500	Pass
NVNT	ANT2	HCH	5825.00	17.742	0.500	Pass
NVNT	ANT2	LCH	5745.00	17.688	0.500	Pass
NVNT	ANT2	MCH	5785.00	17.686	0.500	Pass
NVNT	ANT2	HCH	5825.00	17.684	0.500	Pass
NVNT	ANT2	LCH	5755.00	36.488	0.500	Pass
NVNT	ANT2	HCH	5795.00	36.511	0.500	Pass
NVNT	ANT2	LCH	5755.00	36.490	0.500	Pass
NVNT	ANT2	HCH	5795.00	36.464	0.500	Pass
NVNT	ANT2	MCH	5775.00	75.840	0.500	Pass

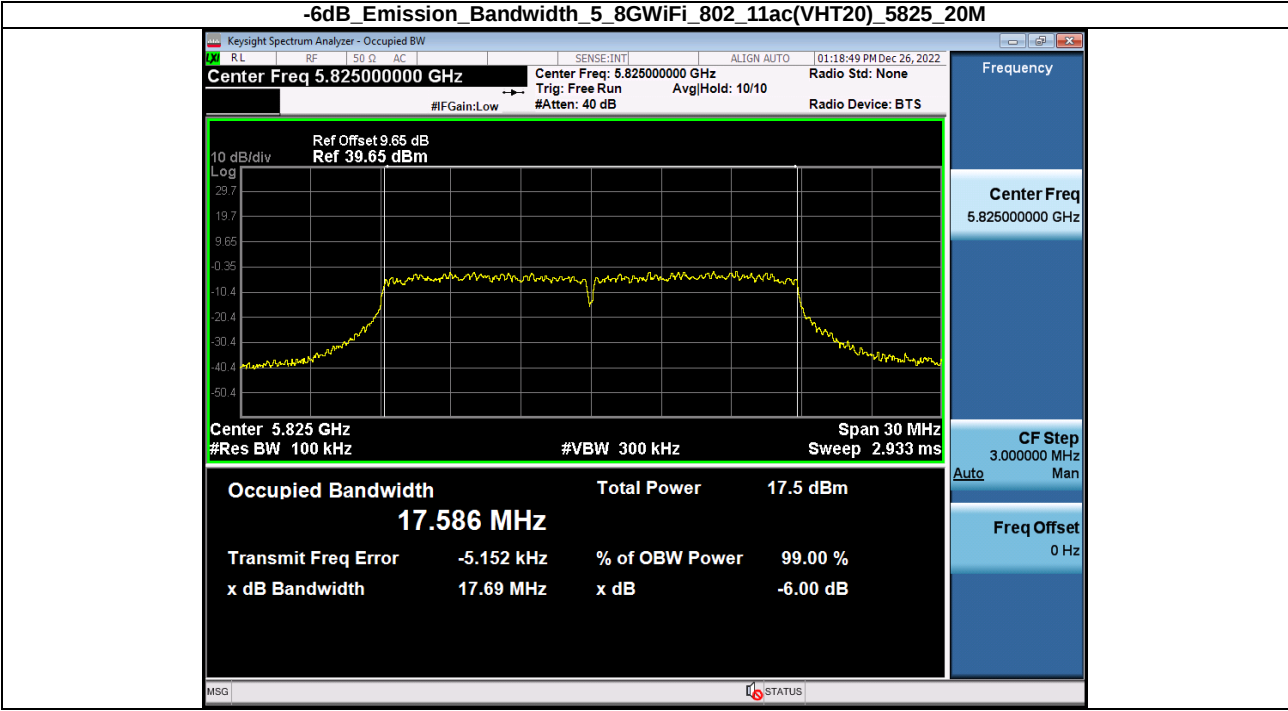
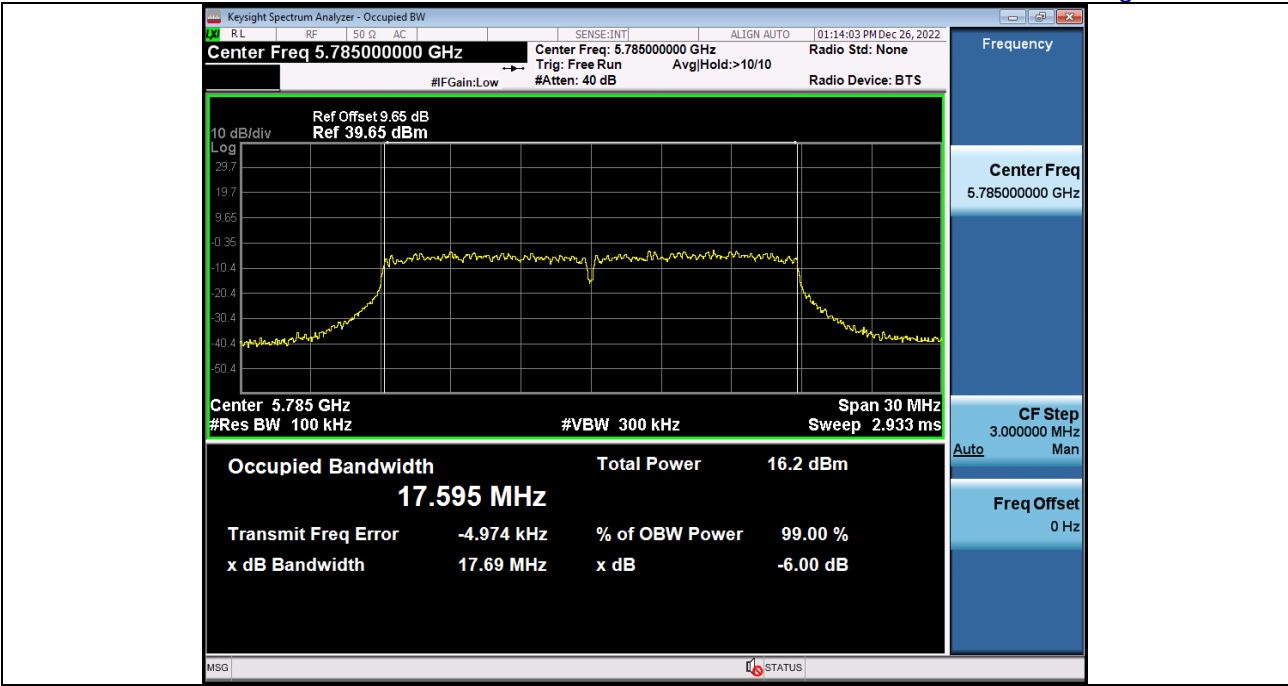
ANT1**-6dB_Emission_Bandwidth_5_8WiFi_802_11a_5785_20M**

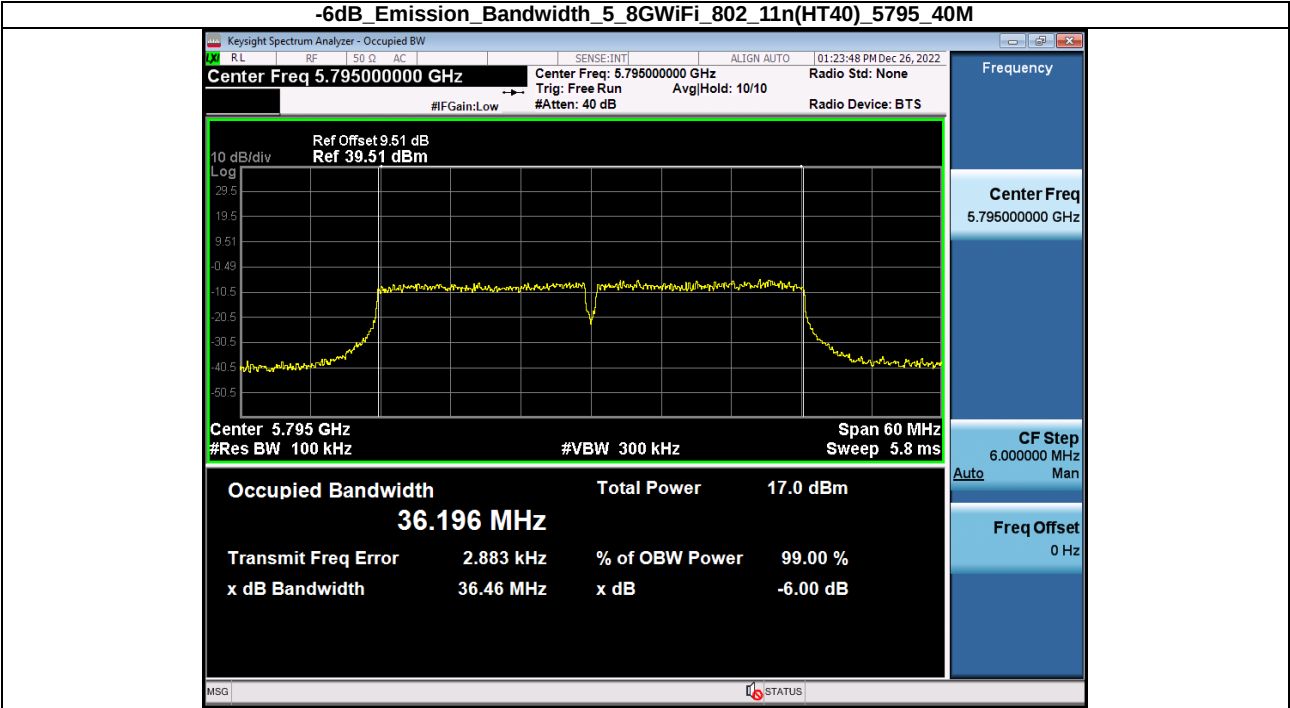
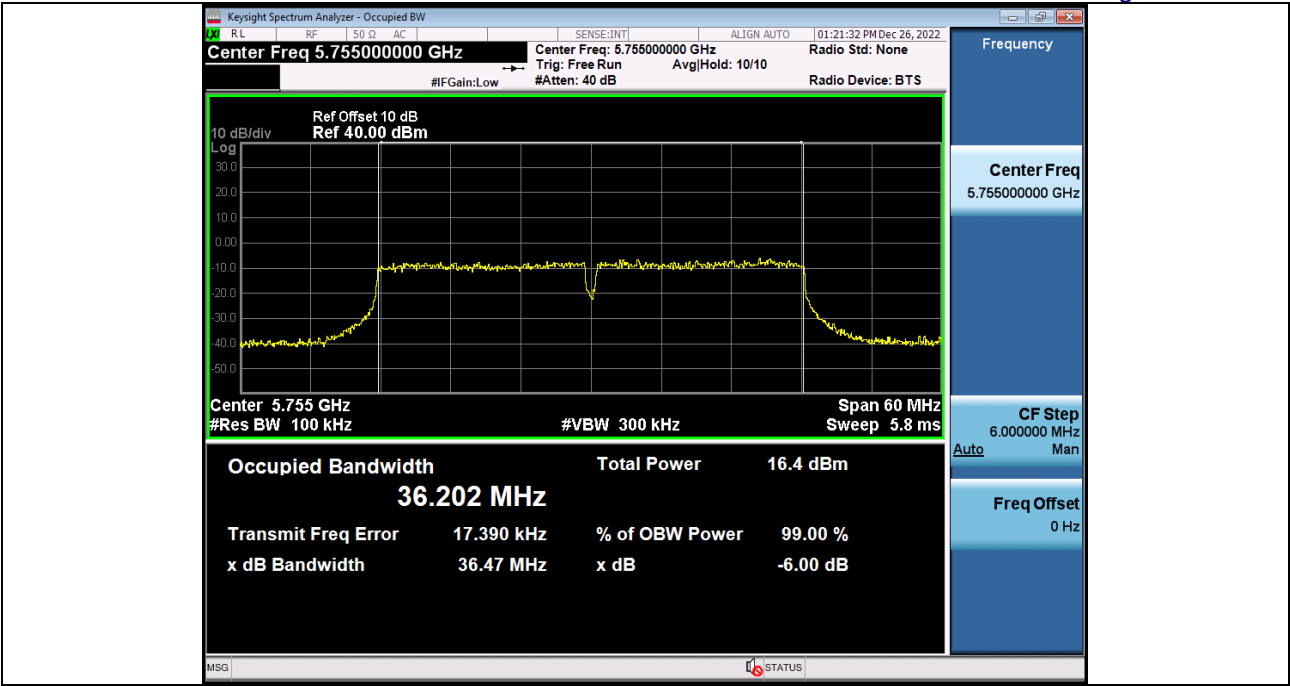


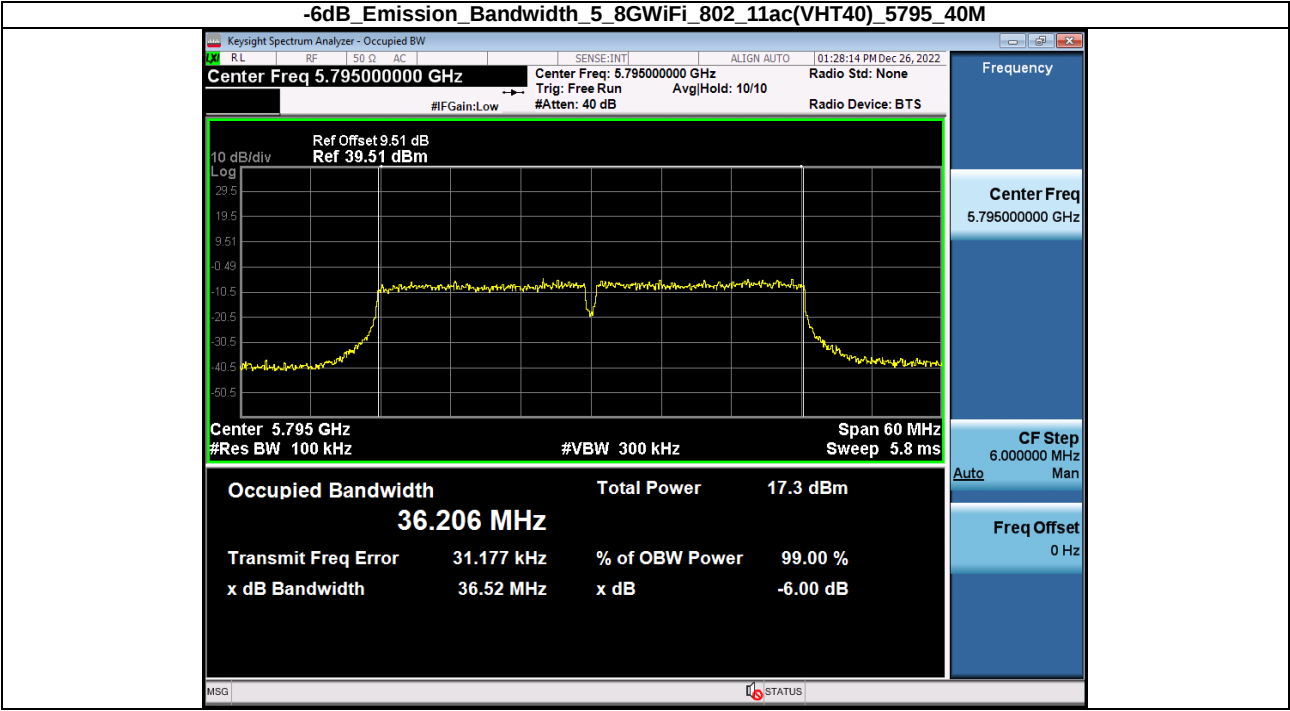
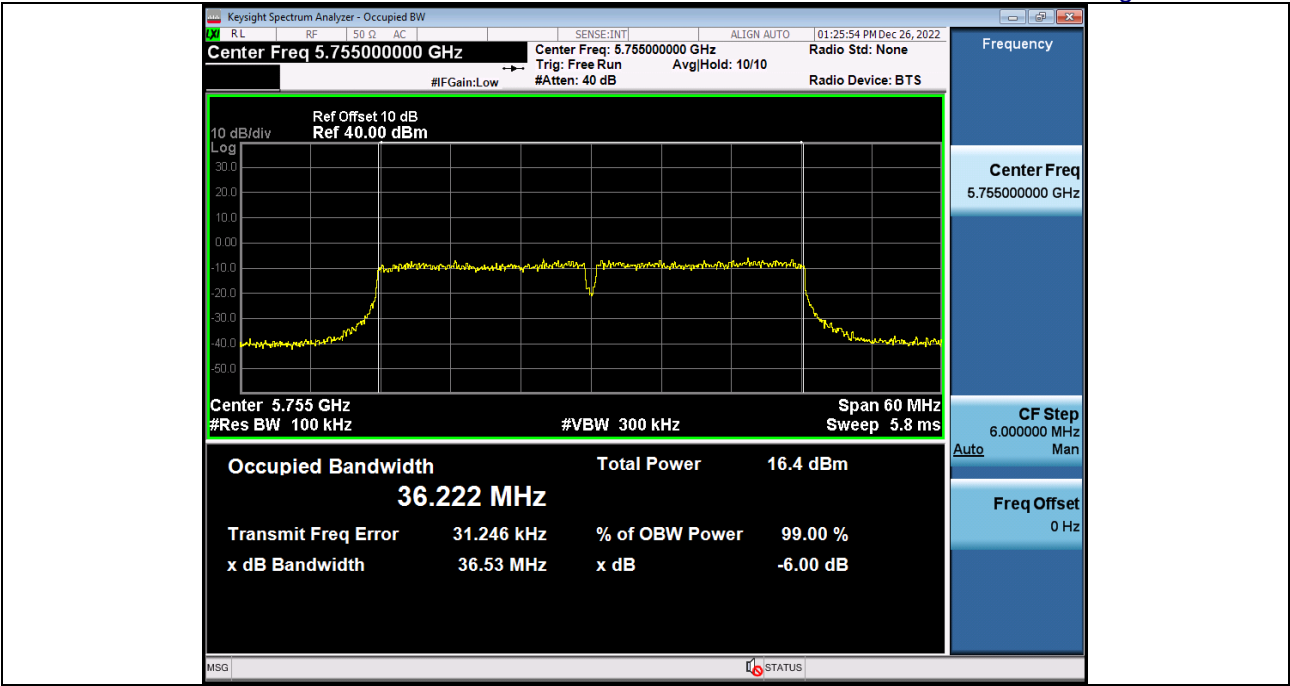


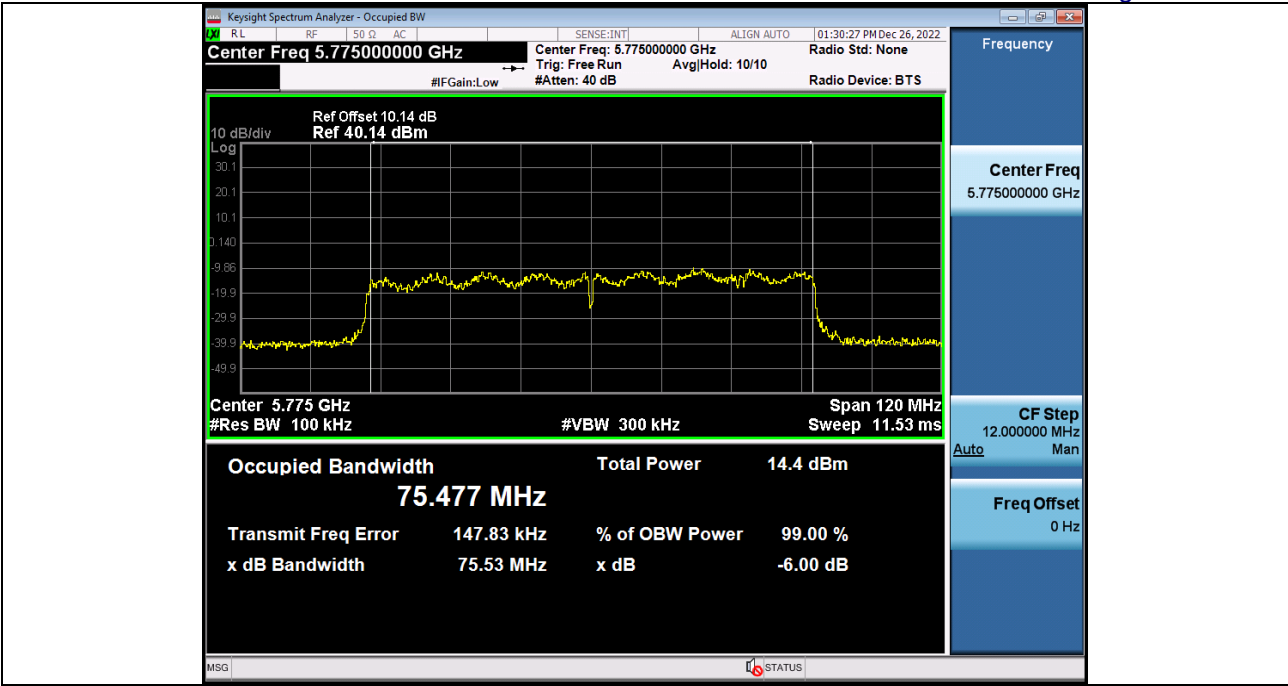
-6dB Emission Bandwidth 5_8WiFi 802_11n(HT20)_5825_20M



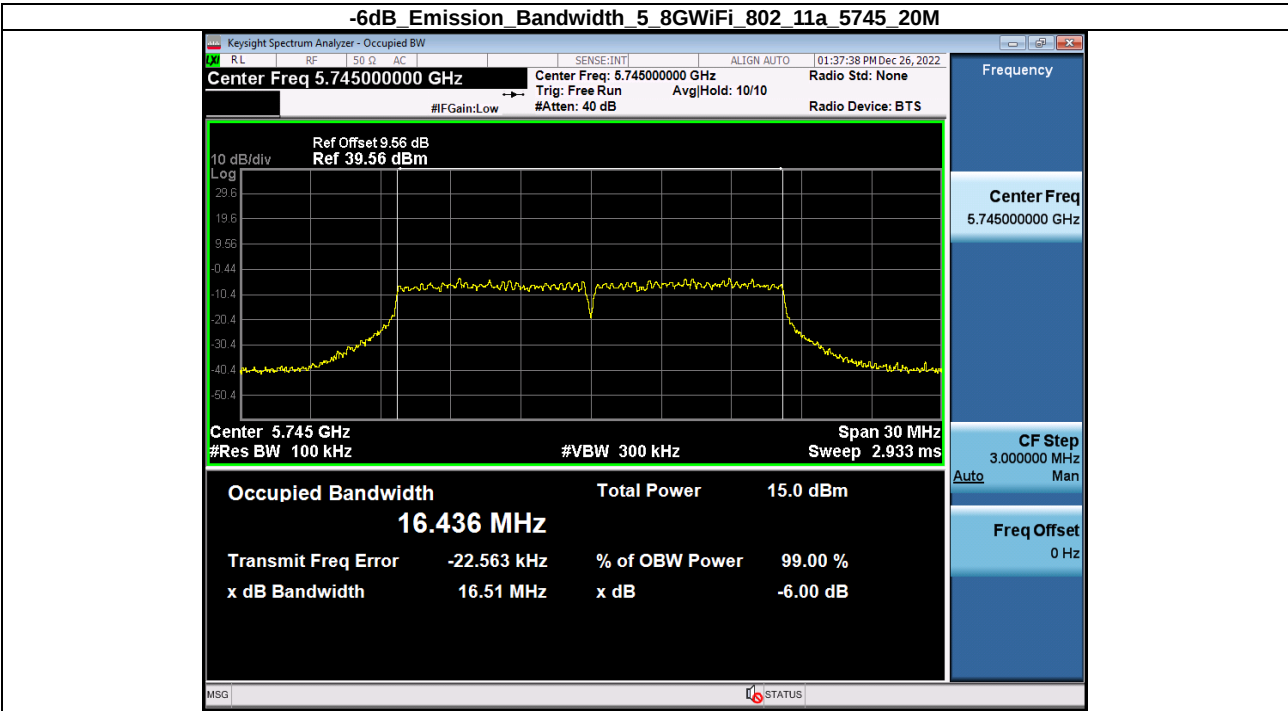




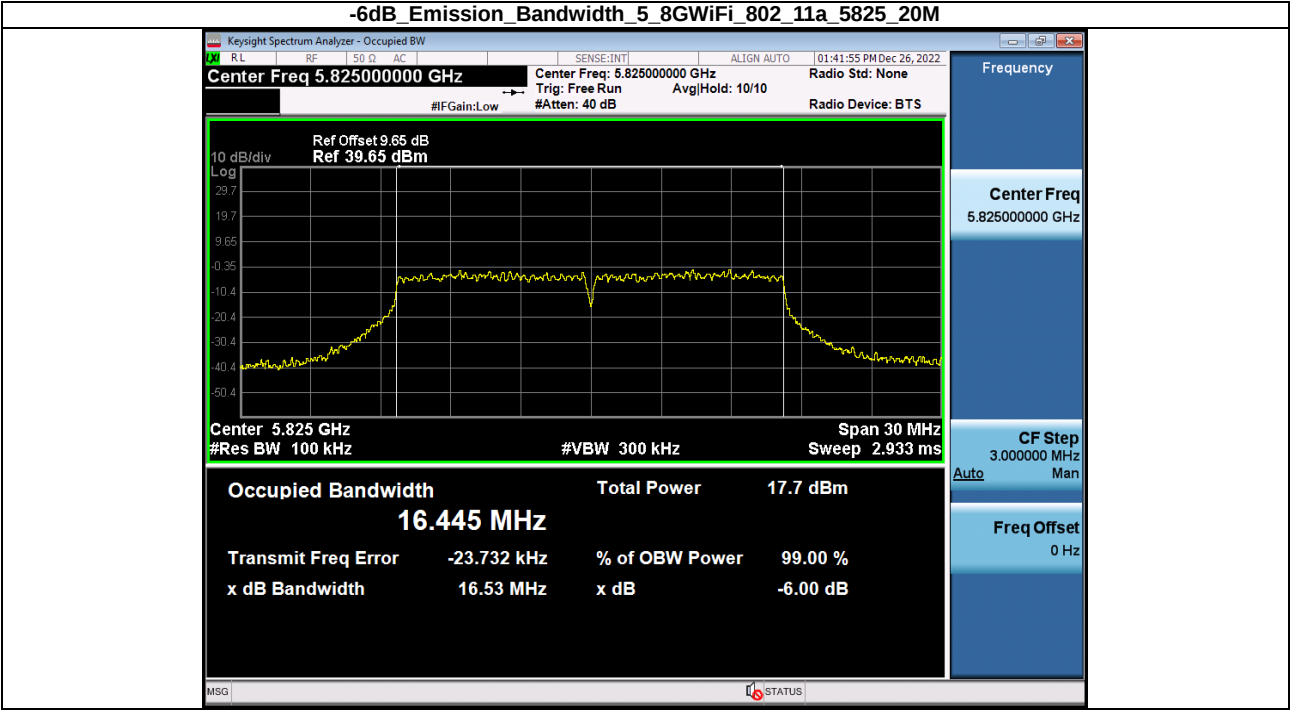
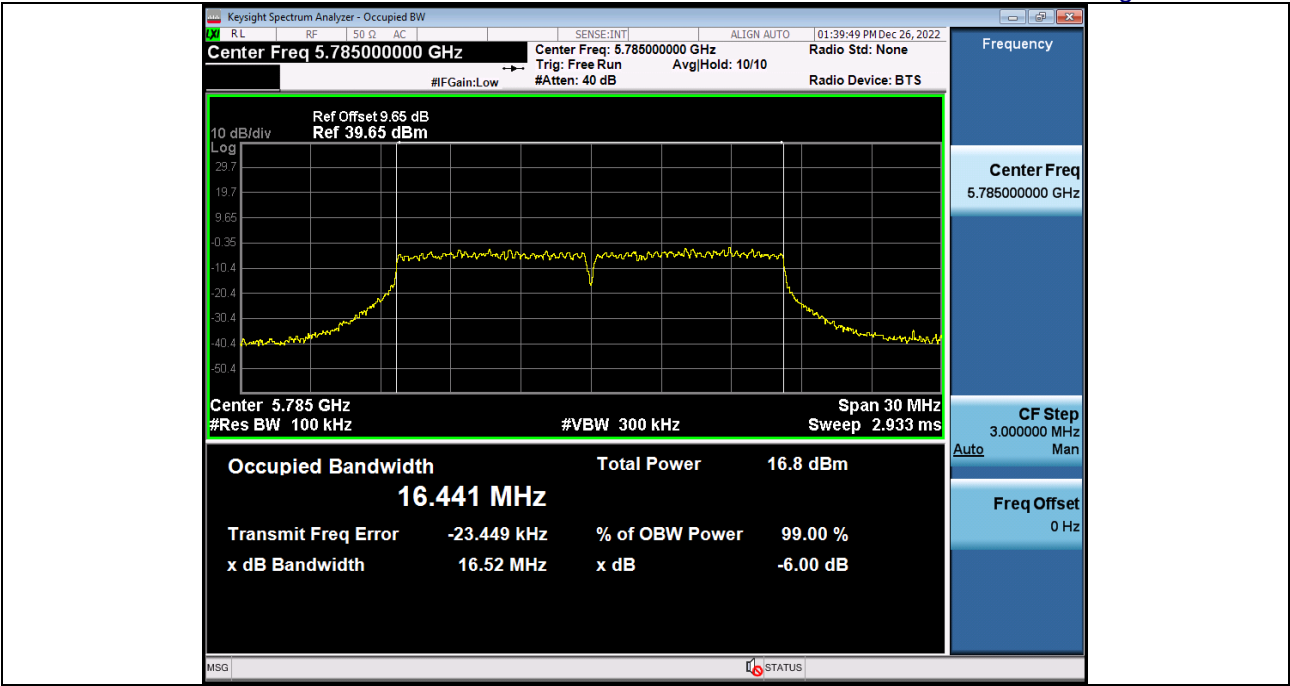


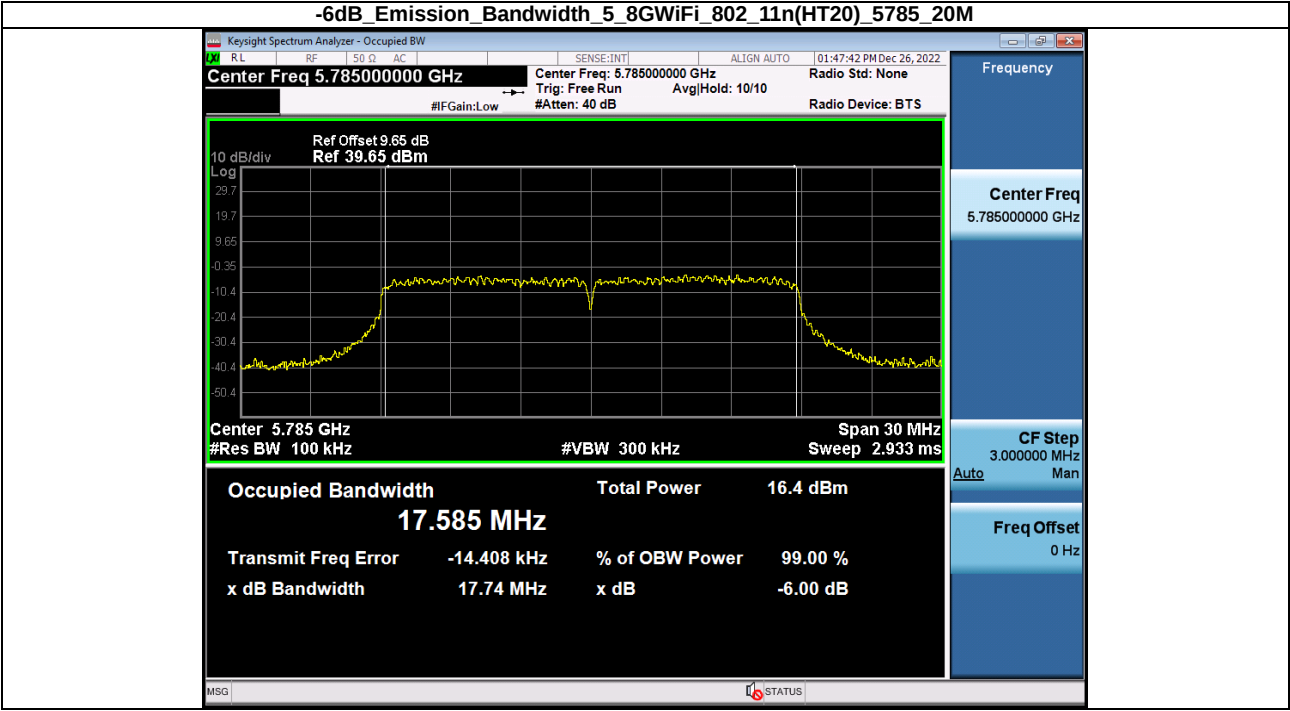
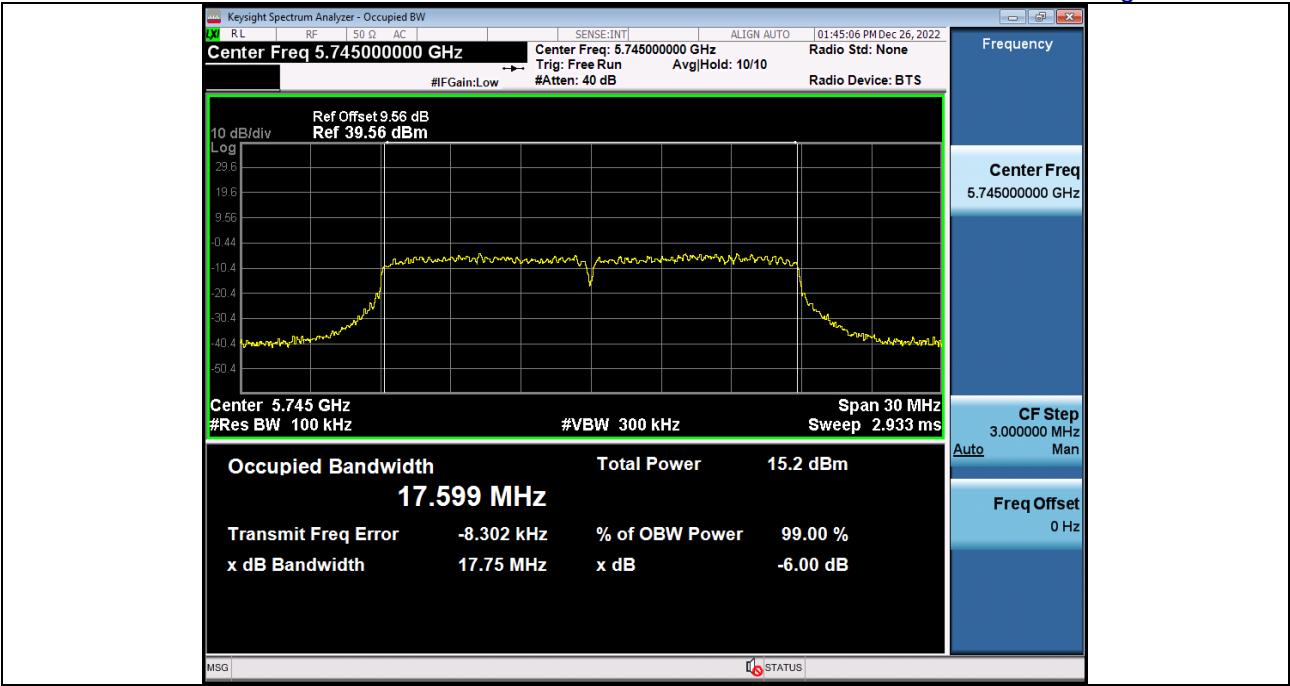


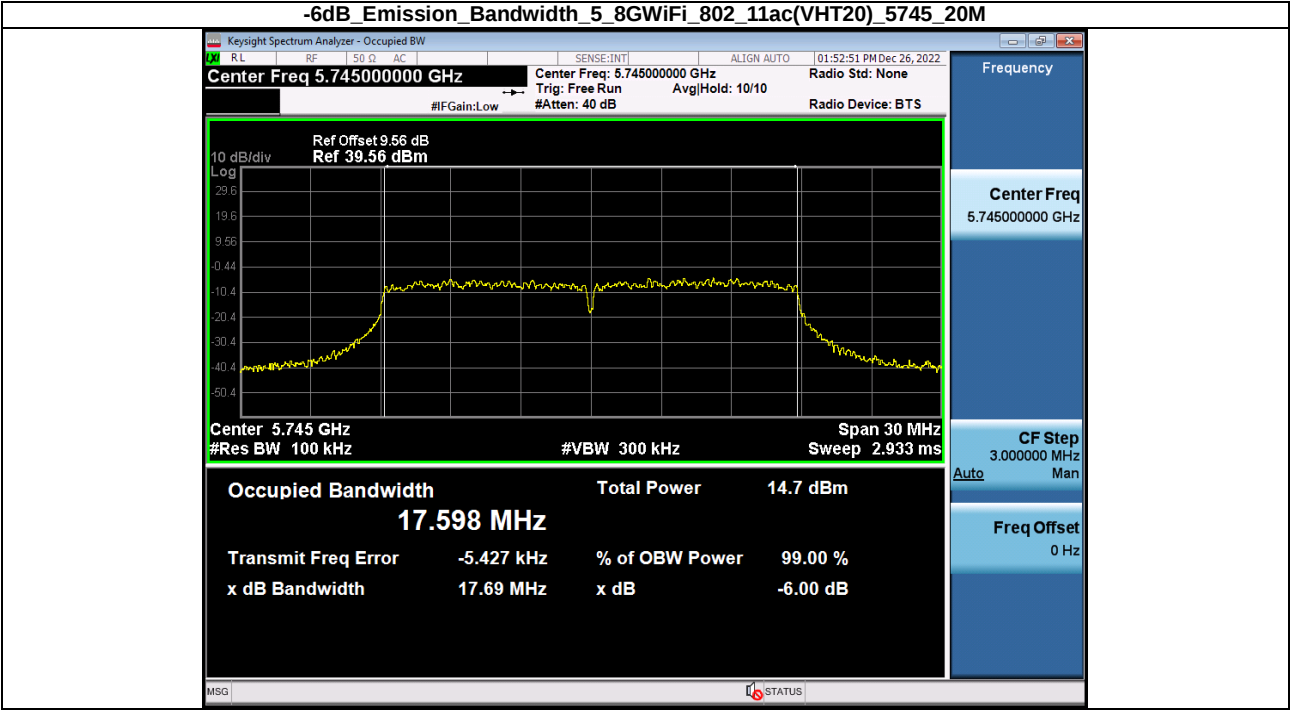
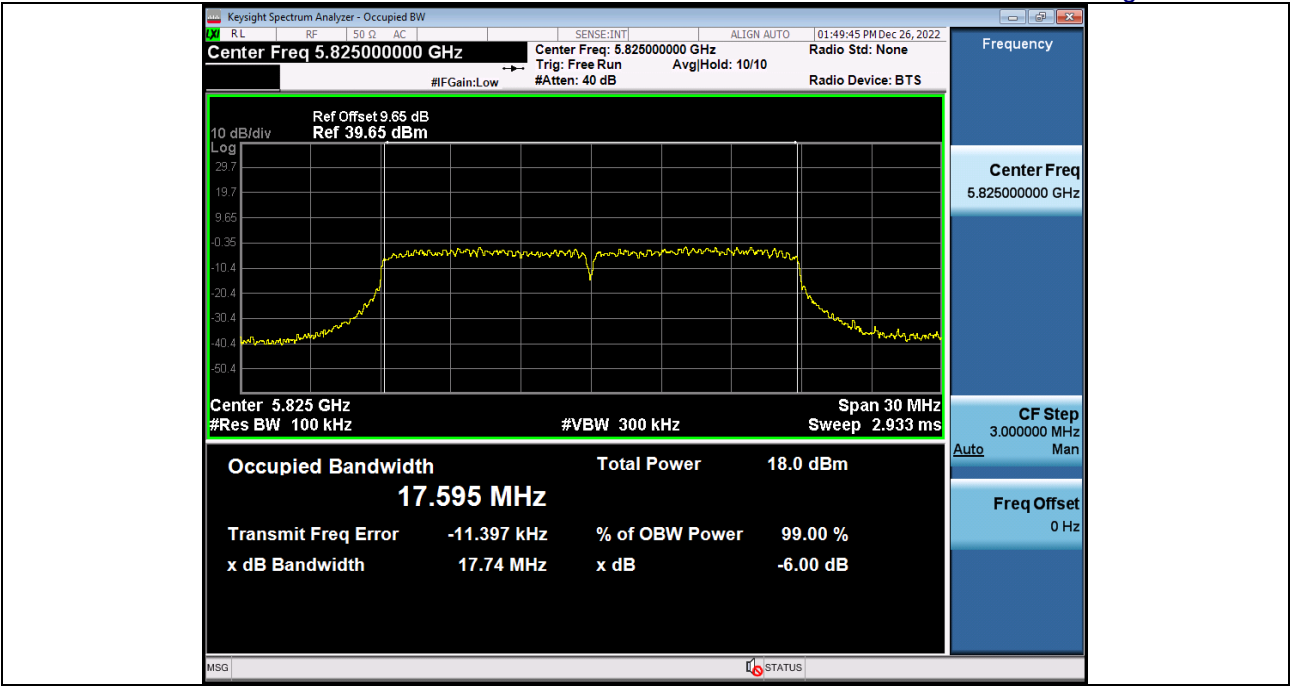
ANT2

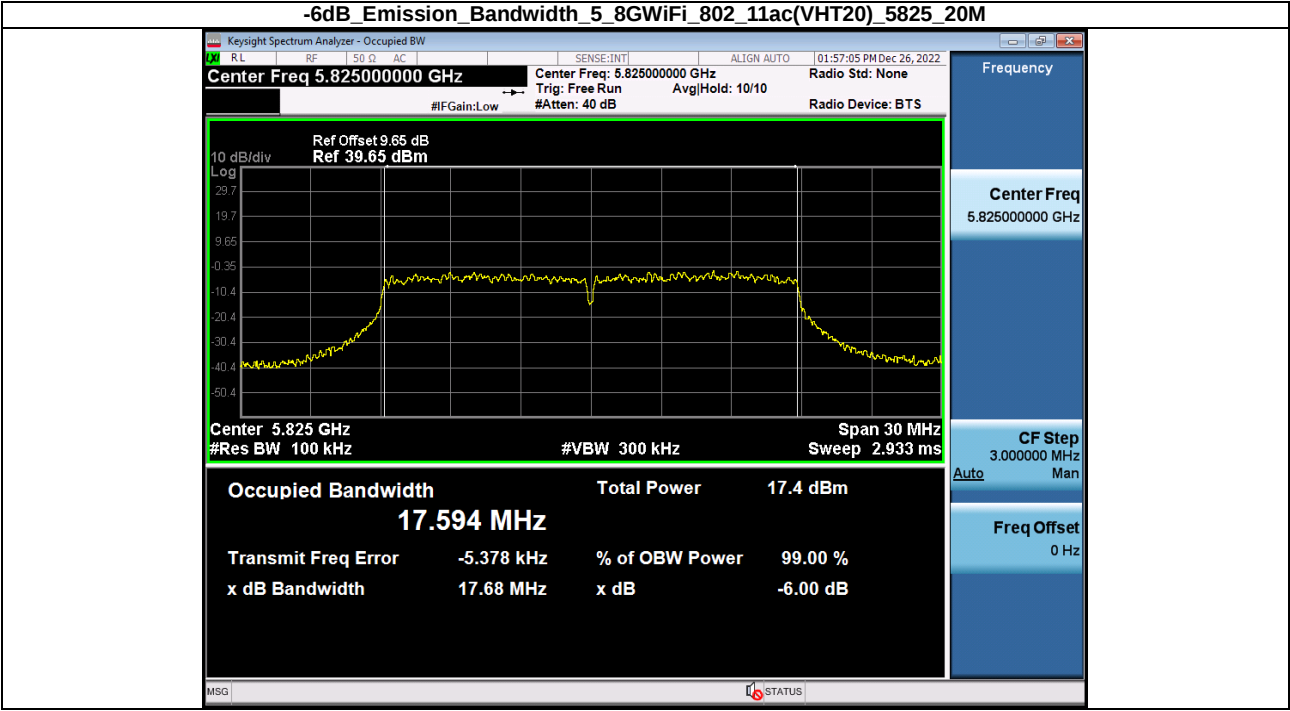
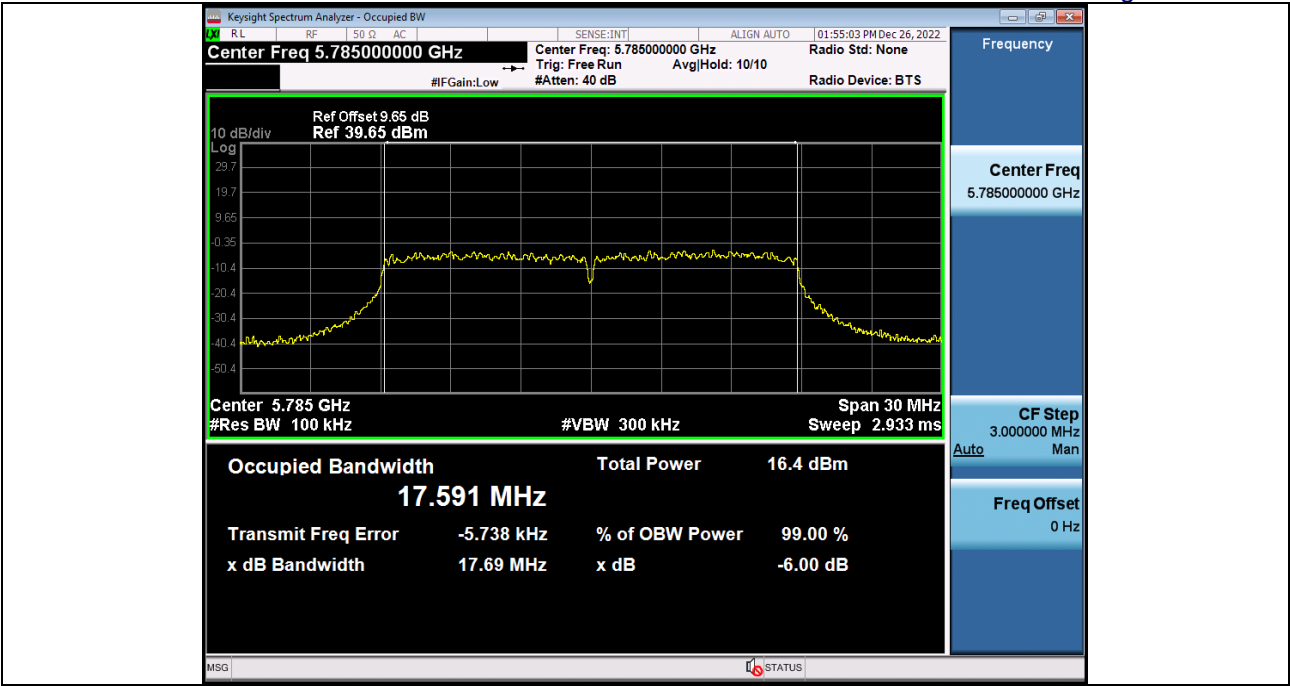


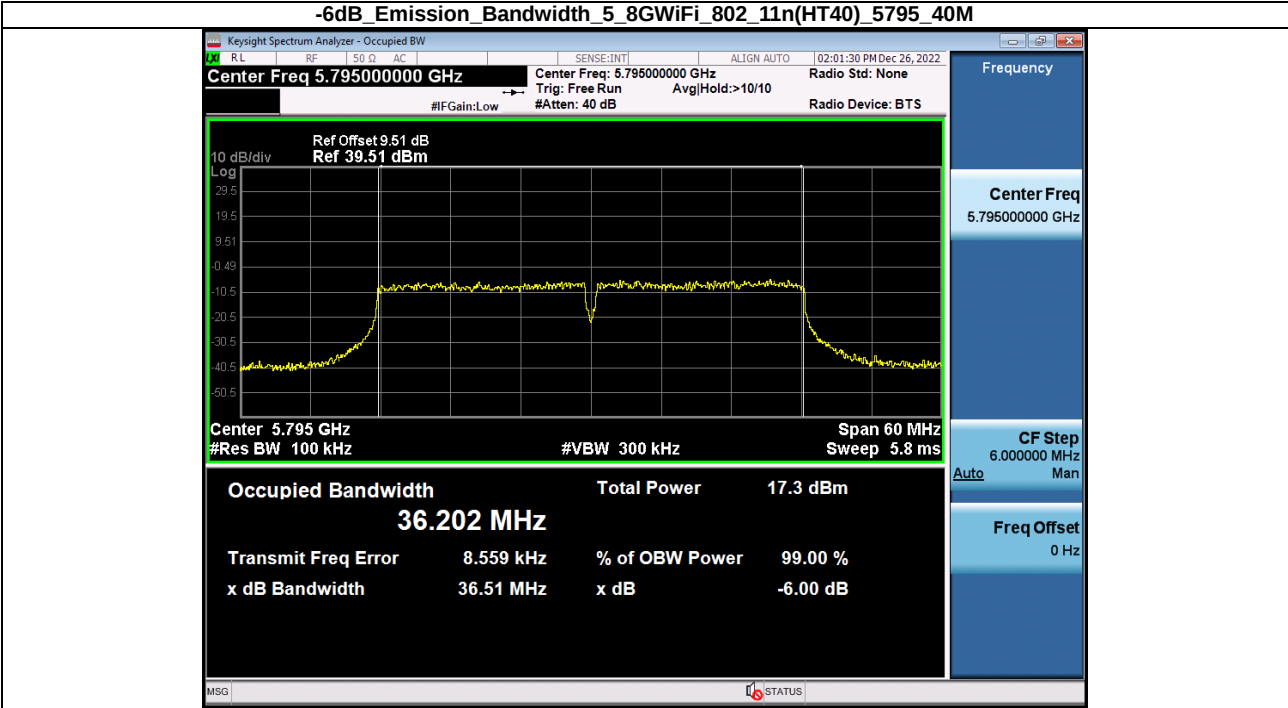
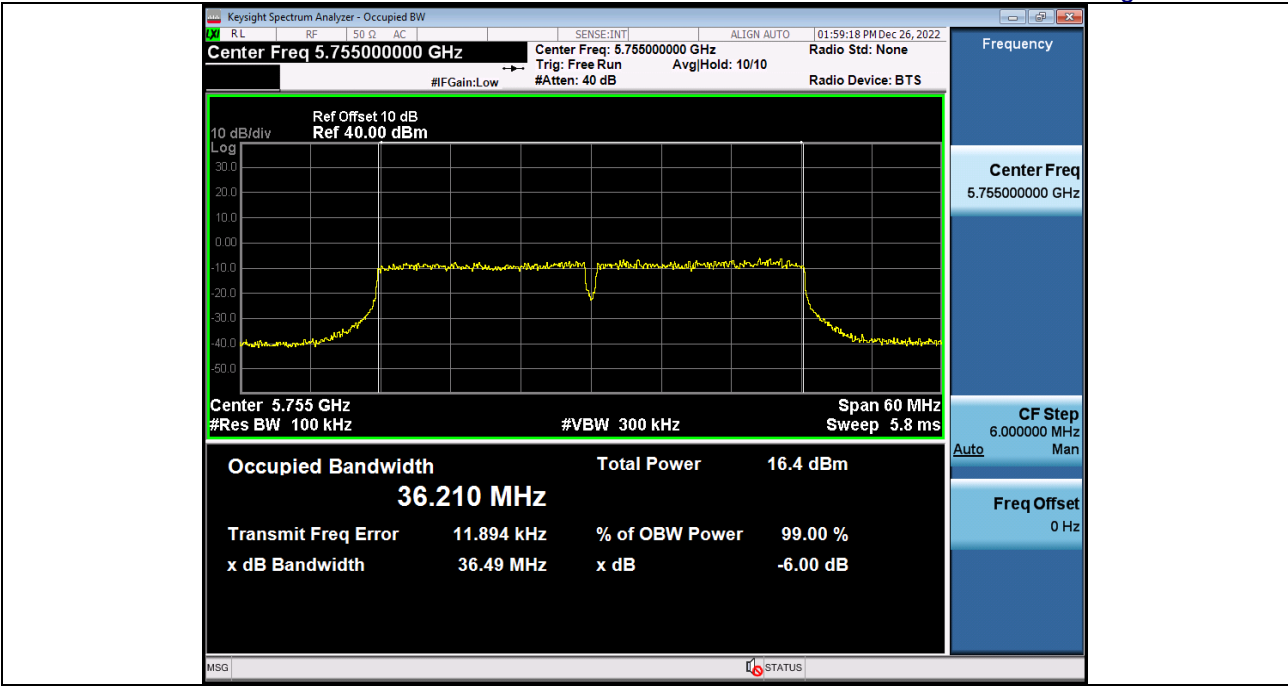
-6dB Emission Bandwidth 5_8WiFi 802_11a 5785_20M

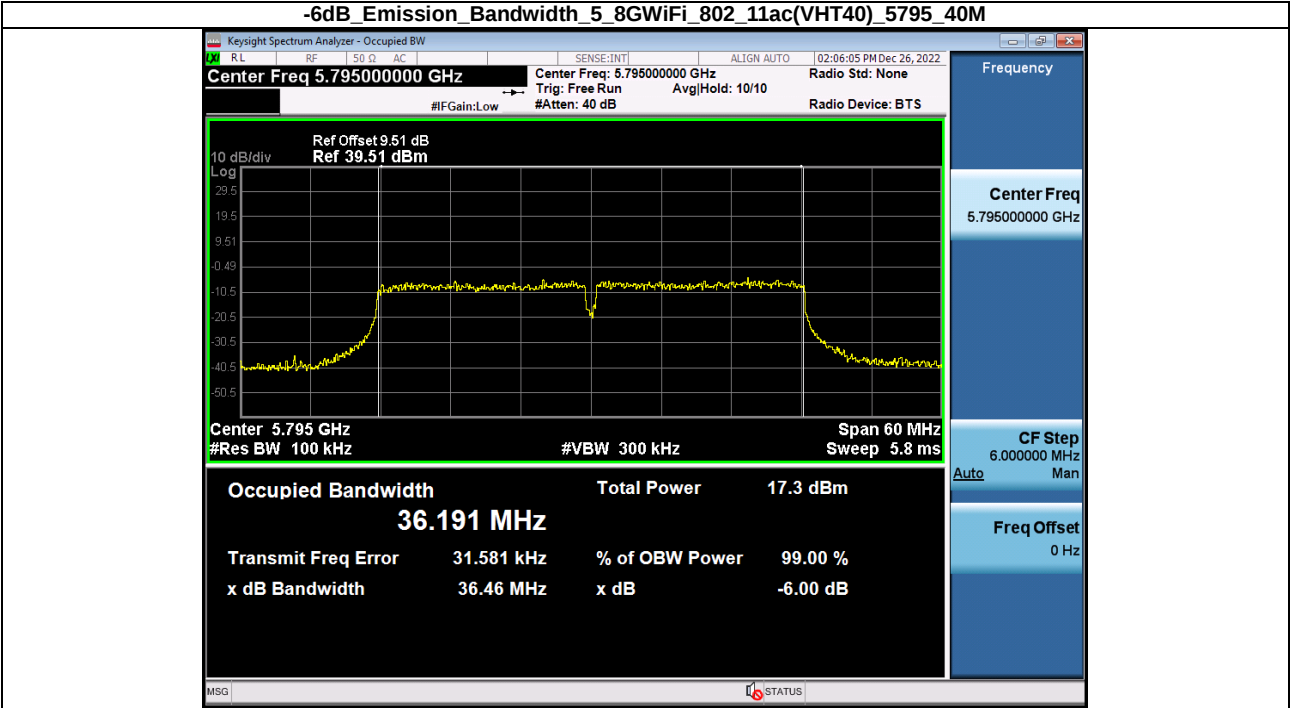
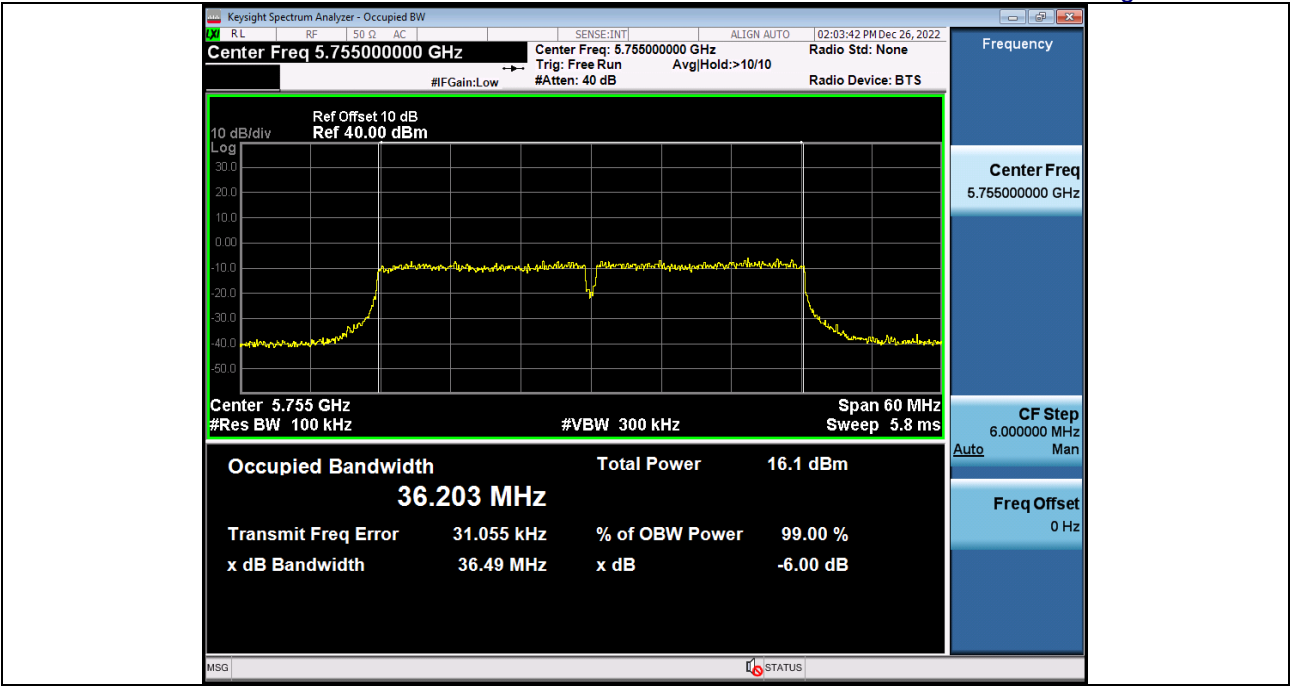












3. Maximum Conducted Output Power

Condition	Modulation	Frequency (MHz)	Conducted Power(dBm)		limit(dBm)	MIMO Conducted Power(dBm)	MIMO Limit (dBm)	Result
			ANT1	ANT2				
NVNT	802.11a	5745.00	14.03	13.73	30	/	/	Pass
NVNT	802.11a	5785.00	15.49	15.47	30	/	/	Pass
NVNT	802.11a	5825.00	16.36	16.32	30	/	/	Pass
NVNT	802.11n(HT20)	5745.00	13.58	13.53	30	16.57	28.84	Pass
NVNT	802.11n(HT20)	5785.00	14.96	15.08	30	18.03	28.84	Pass
NVNT	802.11n(HT20)	5825.00	16.08	16.19	30	19.15	28.84	Pass
NVNT	802.11ac(VHT20)	5745.00	13.25	13.01	30	16.14	28.84	Pass
NVNT	802.11ac(VHT20)	5785.00	14.61	14.83	30	17.73	28.84	Pass
NVNT	802.11ac(VHT20)	5825.00	16.16	16.14	30	19.16	28.84	Pass
NVNT	802.11n(HT40)	5755.00	12.63	12.51	30	15.58	28.84	Pass
NVNT	802.11n(HT40)	5795.00	13.24	13.36	30	16.31	28.84	Pass
NVNT	802.11ac(VHT40)	5755.00	12.71	12.69	30	15.71	28.84	Pass
NVNT	802.11ac(VHT40)	5795.00	13.65	13.36	30	16.52	28.84	Pass
NVNT	802.11ac(VHT80)	5775.00	10.51	10.23	30	13.38	28.84	Pass

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

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	1.076	0.990	30	Pass
NVNT	ANT1	802.11a	5785.00	2.821	2.735	30	Pass
NVNT	ANT1	802.11a	5825.00	3.836	3.750	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	1.251	1.165	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	3.231	3.145	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	3.935	3.849	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	1.196	1.110	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	2.726	2.640	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	4.014	3.928	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-1.349	-1.435	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-0.302	-0.388	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-0.151	-0.237	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	0.313	0.227	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	-4.961	-5.047	30	Pass

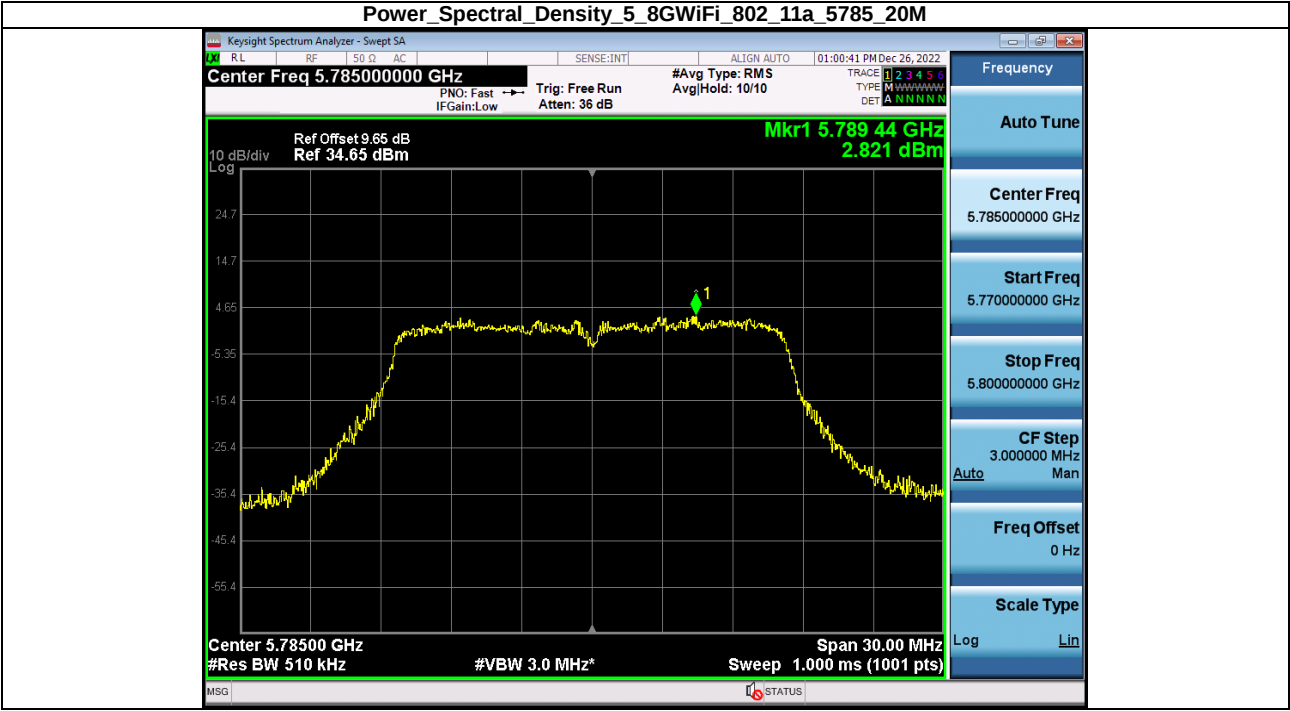
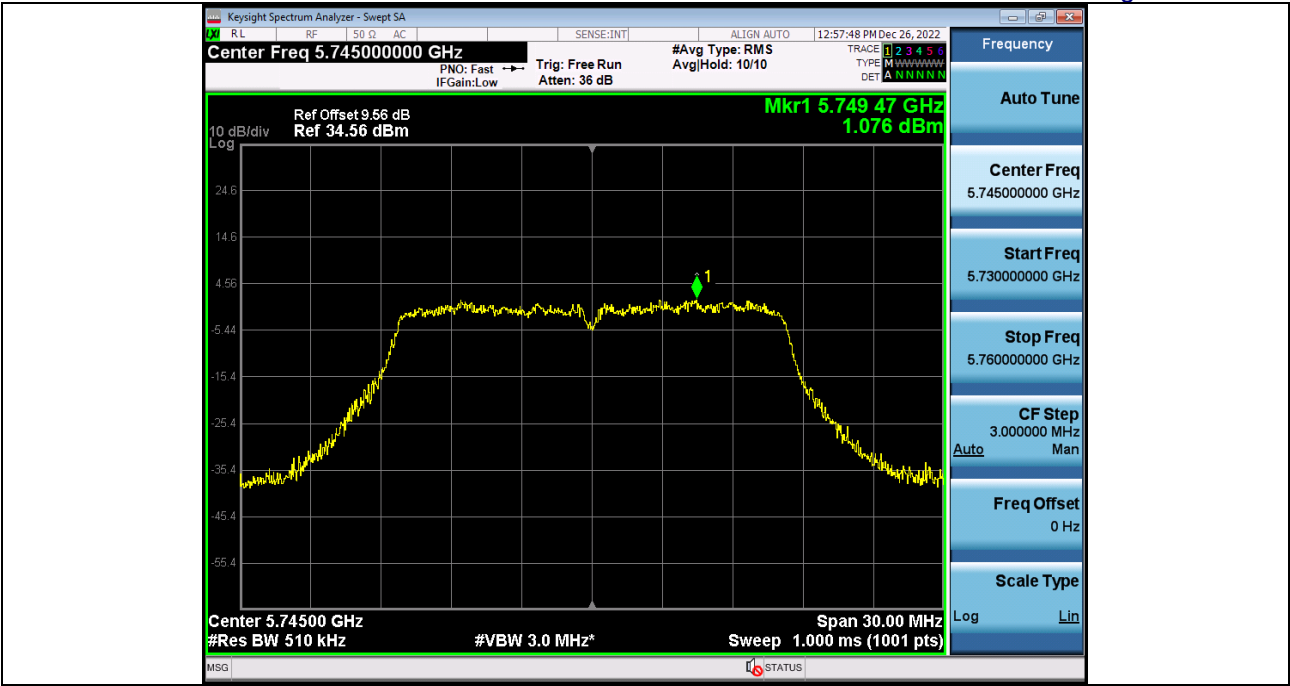
Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA (dBm/510KHz)	PSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
NVNT	ANT2	802.11a	5745.00	1.217	1.131	30	Pass
NVNT	ANT2	802.11a	5785.00	2.772	2.686	30	Pass
NVNT	ANT2	802.11a	5825.00	3.794	3.708	30	Pass
NVNT	ANT2	802.11n(HT20)	5745.00	0.998	0.912	30	Pass
NVNT	ANT2	802.11n(HT20)	5785.00	2.752	2.666	30	Pass
NVNT	ANT2	802.11n(HT20)	5825.00	4.099	4.013	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5745.00	0.995	0.909	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5785.00	2.879	2.793	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5825.00	3.607	3.521	30	Pass
NVNT	ANT2	802.11n(HT40)	5755.00	-0.893	-0.979	30	Pass
NVNT	ANT2	802.11n(HT40)	5795.00	0.271	0.185	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5755.00	-0.581	-0.667	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5795.00	0.865	0.779	30	Pass
NVNT	ANT2	802.11ac(VHT80)	5775.00	-5.596	-5.682	30	Pass

Condition	Antenna	Modulation	Frequency (MHz)	PSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
NVNT	MIMO	802.11n(HT20)	5745.00	4.05	28.84	Pass
NVNT	MIMO	802.11n(HT20)	5785.00	5.92	28.84	Pass
NVNT	MIMO	802.11n(HT20)	5825.00	6.94	28.84	Pass
NVNT	MIMO	802.11ac(VHT20)	5745.00	4.02	28.84	Pass
NVNT	MIMO	802.11ac(VHT20)	5785.00	5.73	28.84	Pass
NVNT	MIMO	802.11ac(VHT20)	5825.00	6.74	28.84	Pass
NVNT	MIMO	802.11n(HT40)	5755.00	1.81	28.84	Pass
NVNT	MIMO	802.11n(HT40)	5795.00	2.92	28.84	Pass
NVNT	MIMO	802.11ac(VHT40)	5755.00	2.56	28.84	Pass
NVNT	MIMO	802.11ac(VHT40)	5795.00	3.52	28.84	Pass
NVNT	MIMO	802.11ac(VHT80)	5775.00	-2.34	28.84	Pass

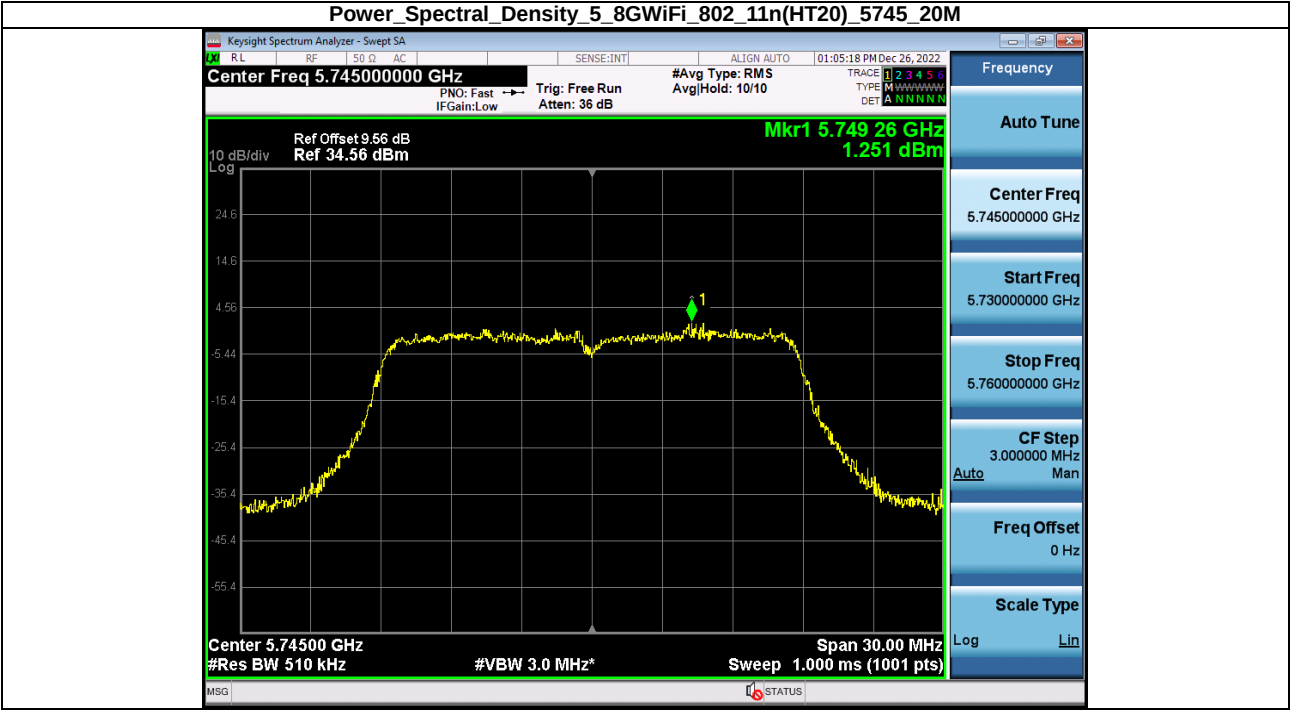
Note: MMO limit=limit-(MIMO gain-6)=30-(7.16-6)=28.84dBm/500KHz

ANT1

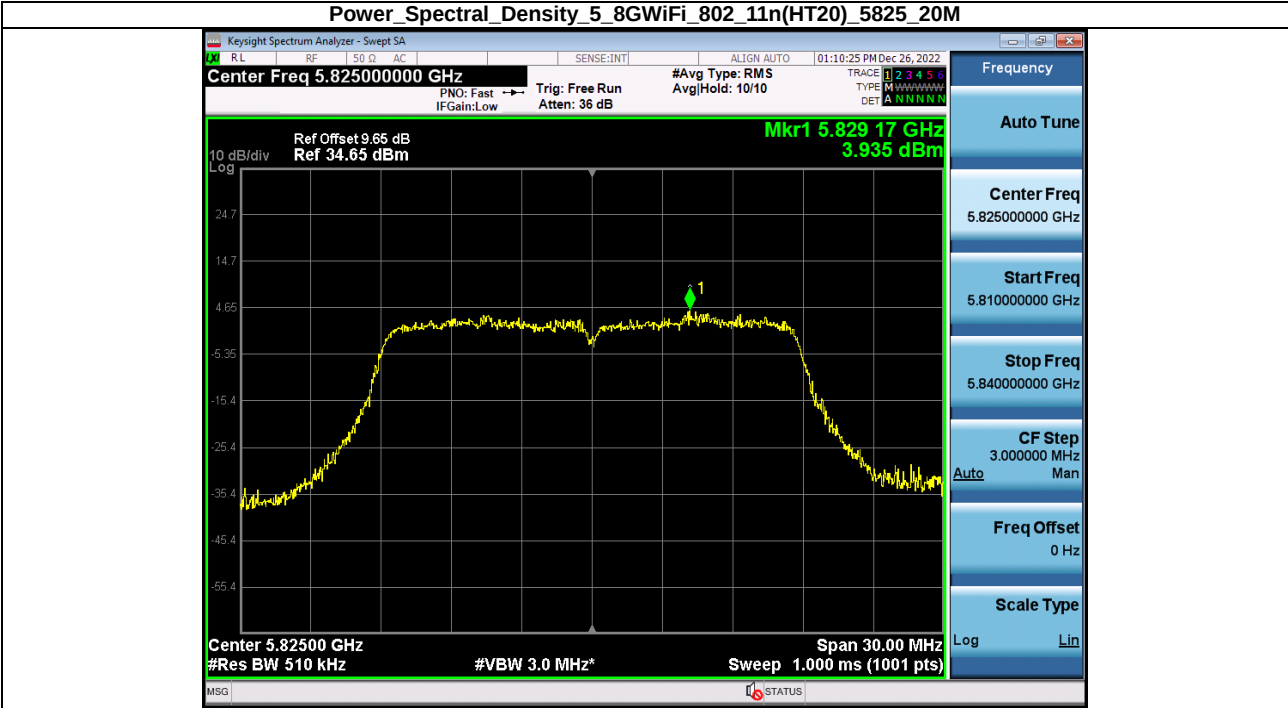
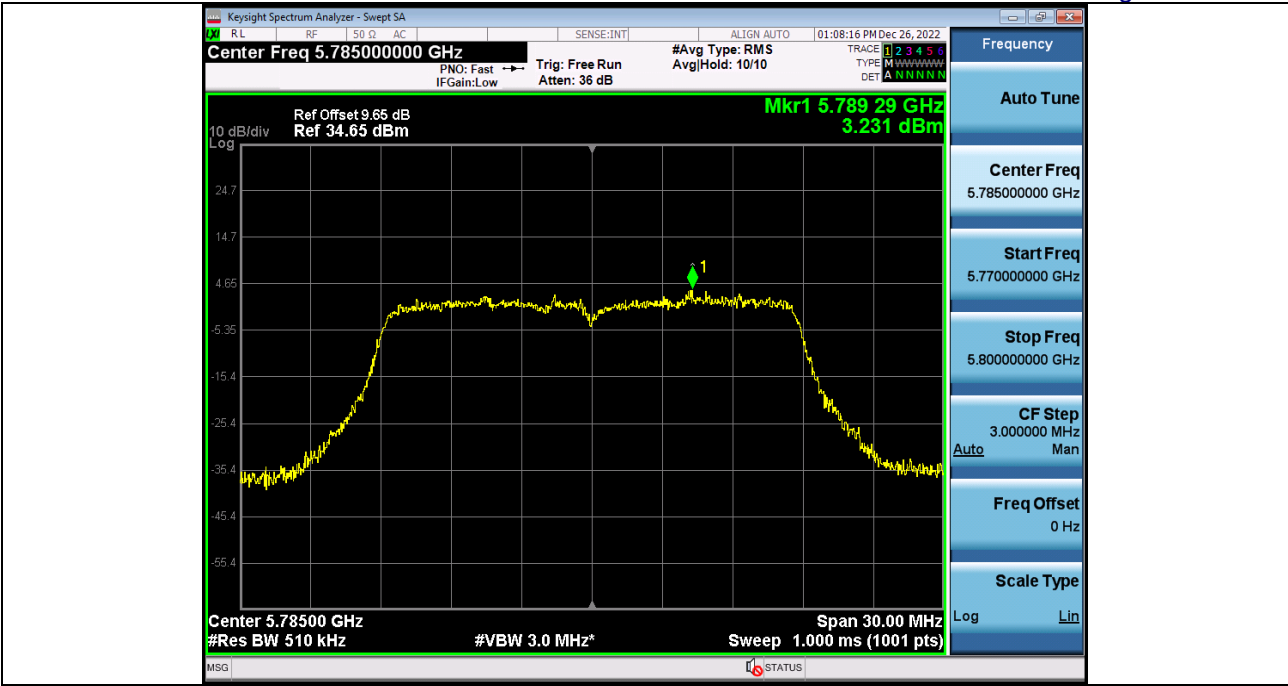
Power Spectral Density 5_8WiFi_802_11a_5745_20M



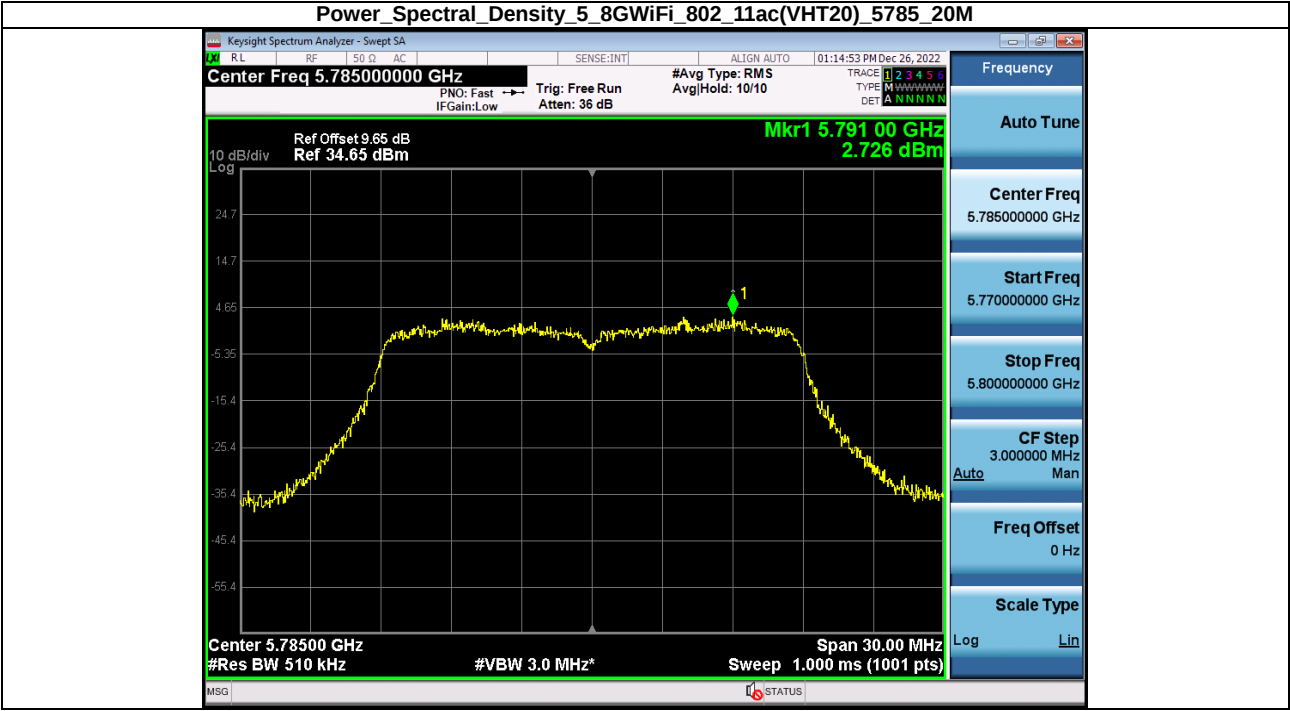
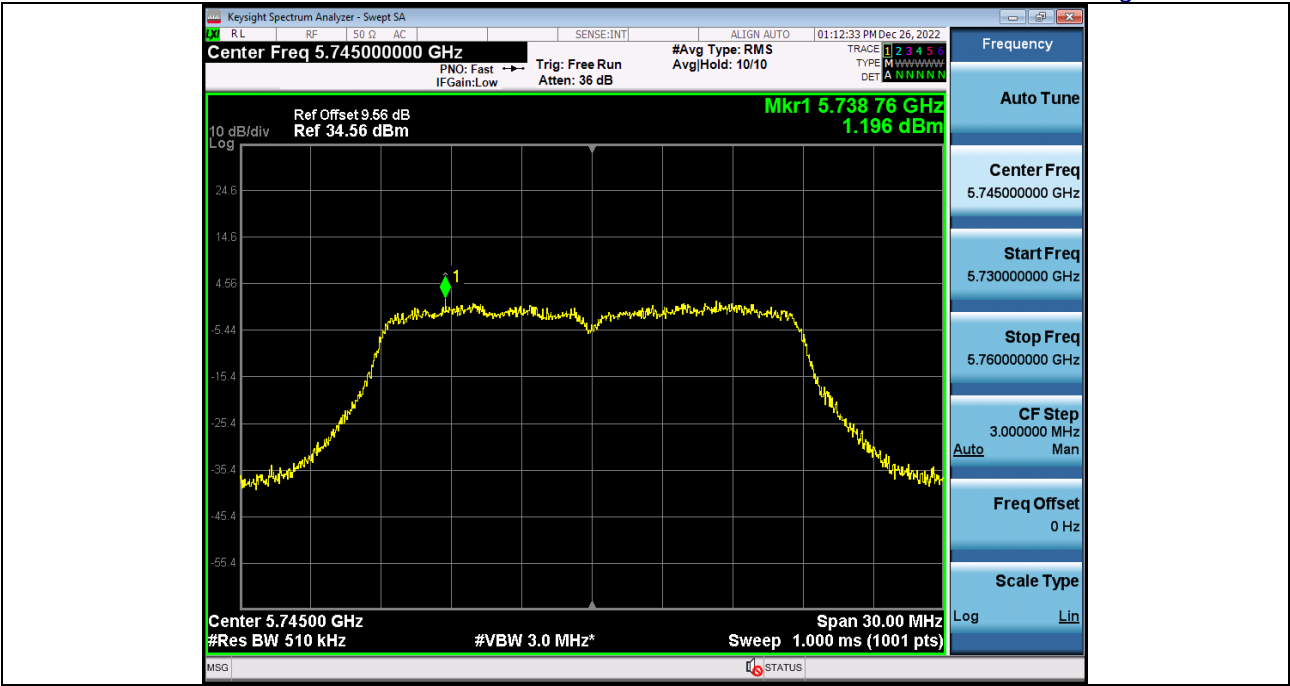
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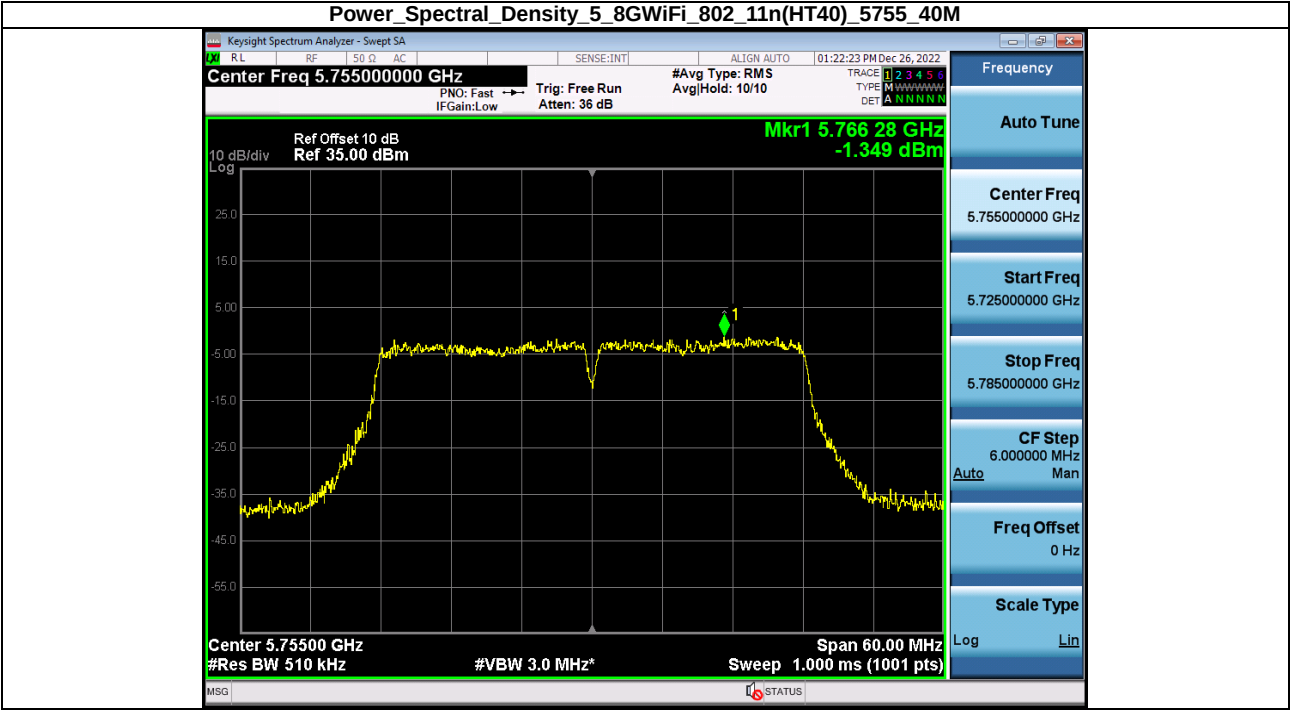
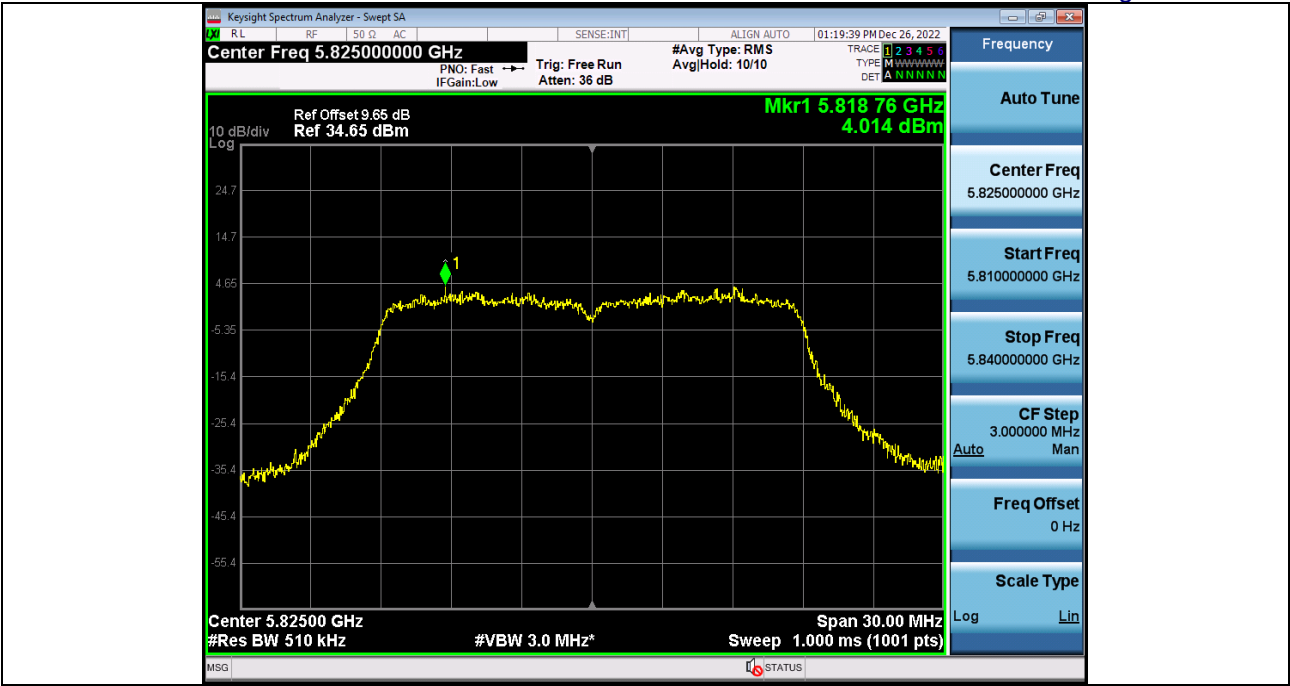
Power Spectral Density 5_8WiFi 802_11n(HT20)_5785_20M



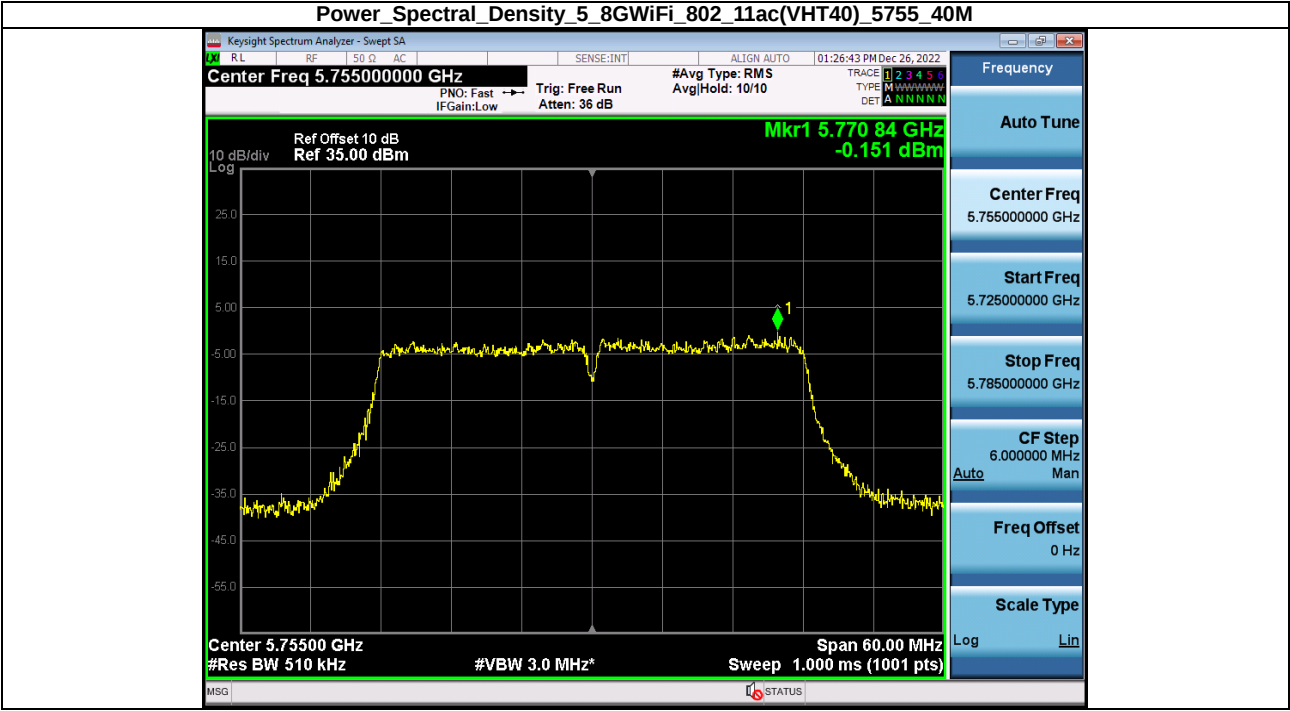
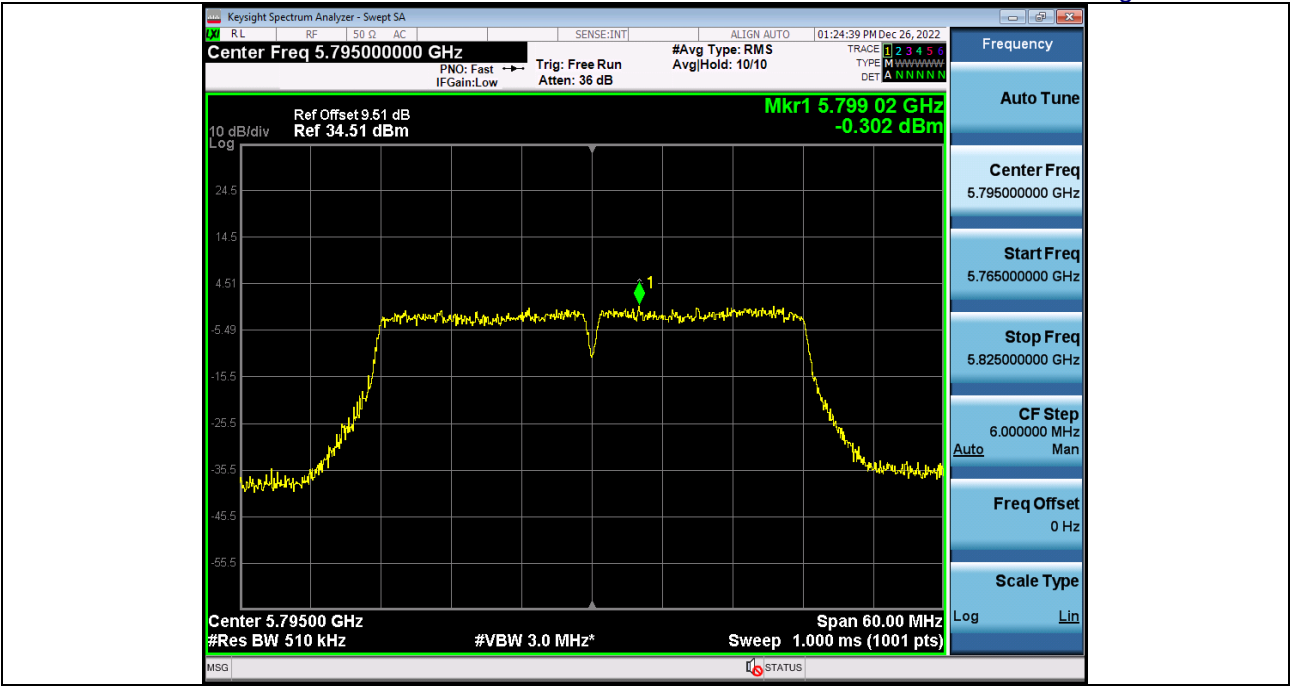
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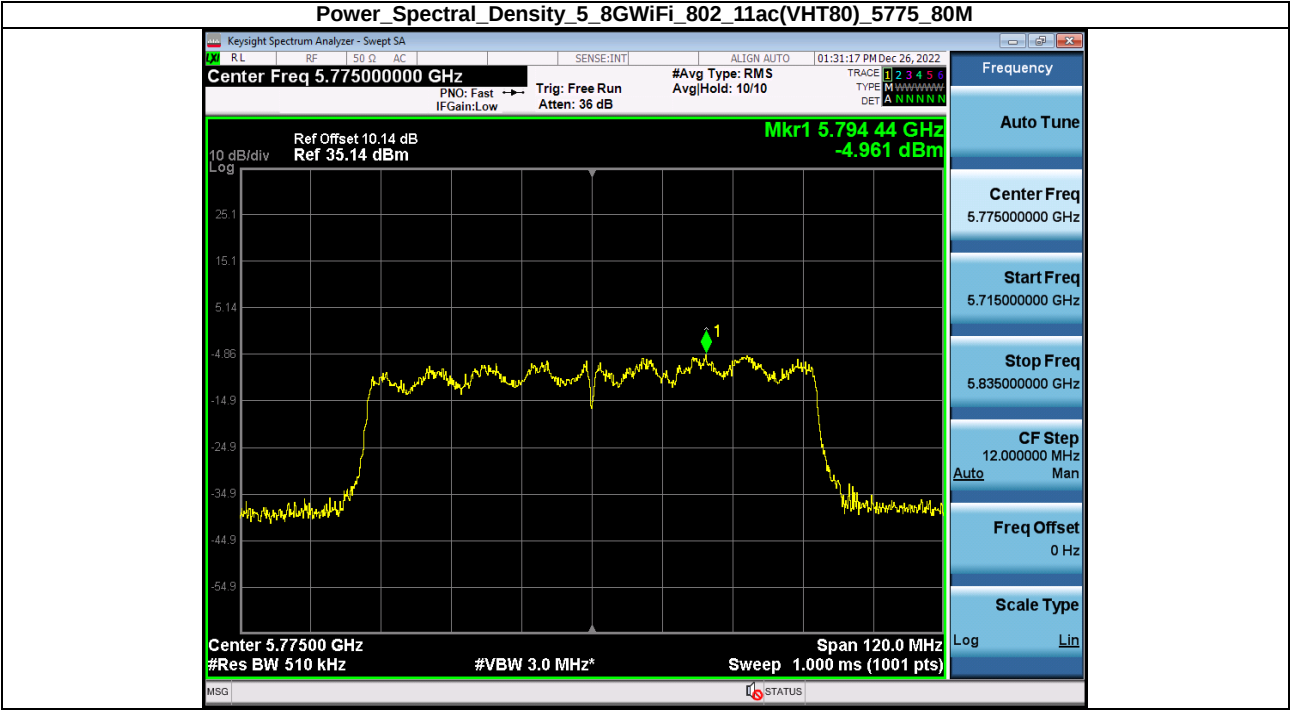
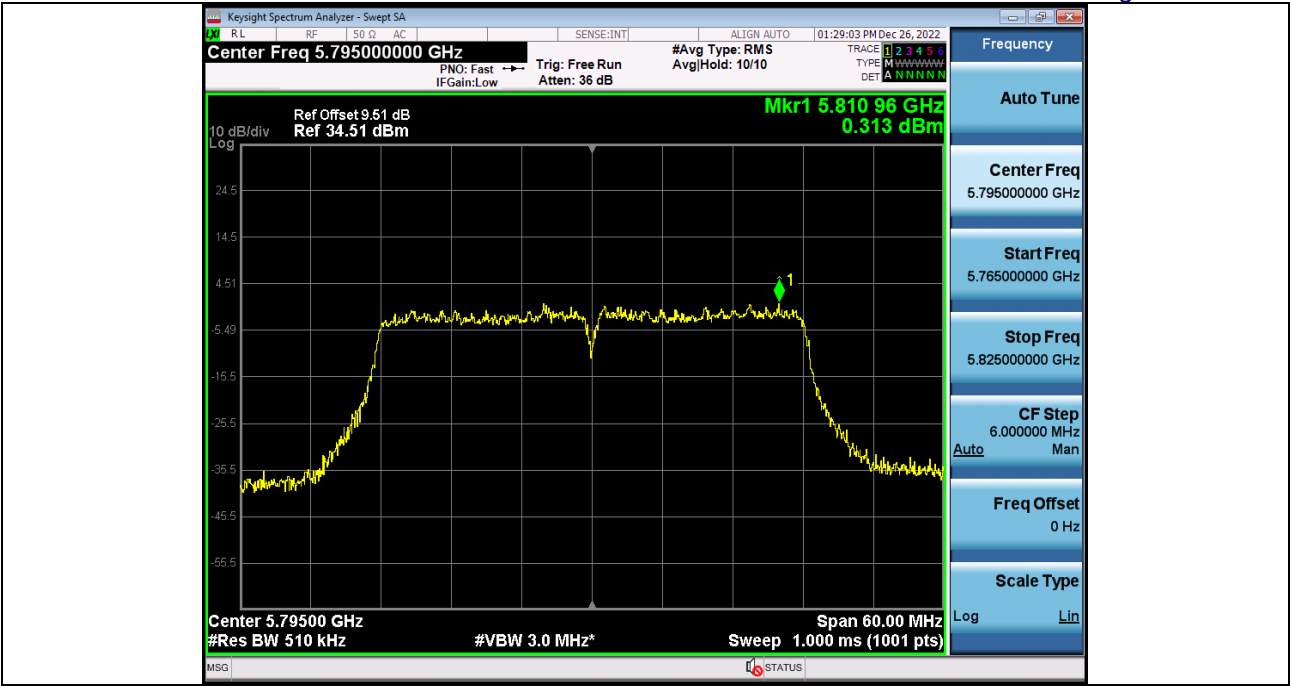
Power Spectral Density 5 8WiFi 802 11ac(VHT20) 5825 20M



Power Spectral Density 5_8WiFi 802_11n(HT40)_5795_40M

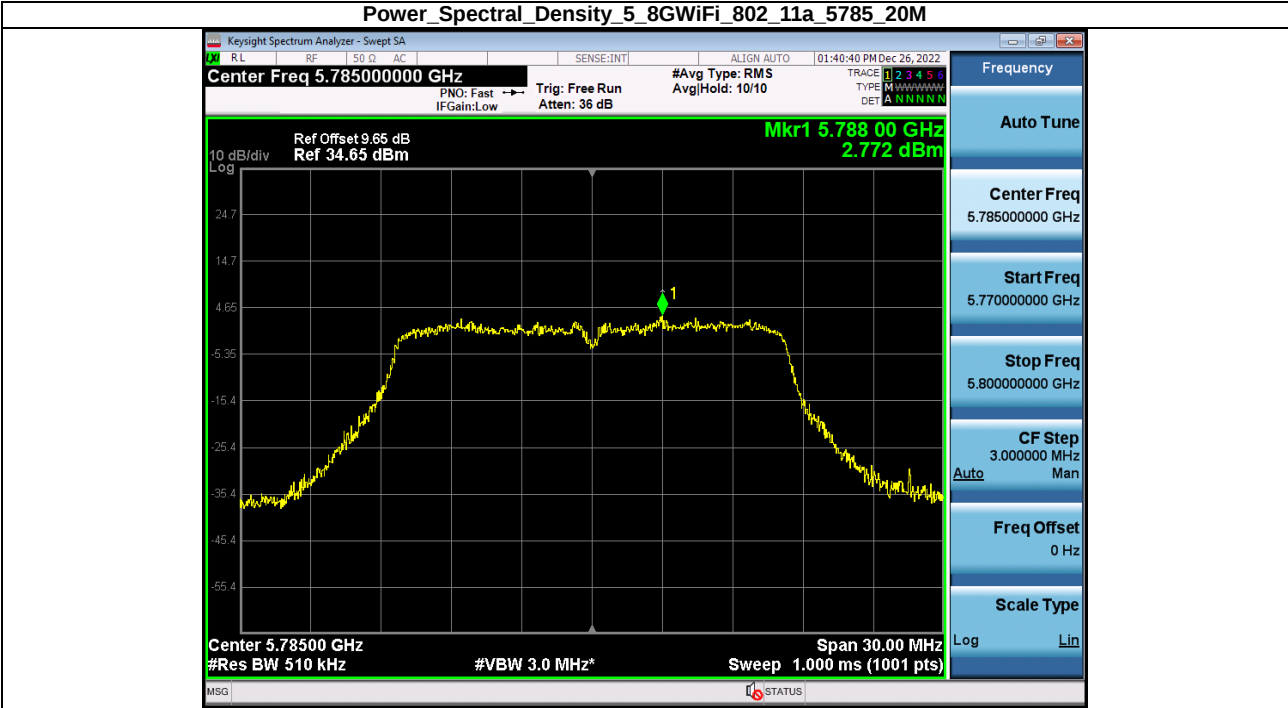
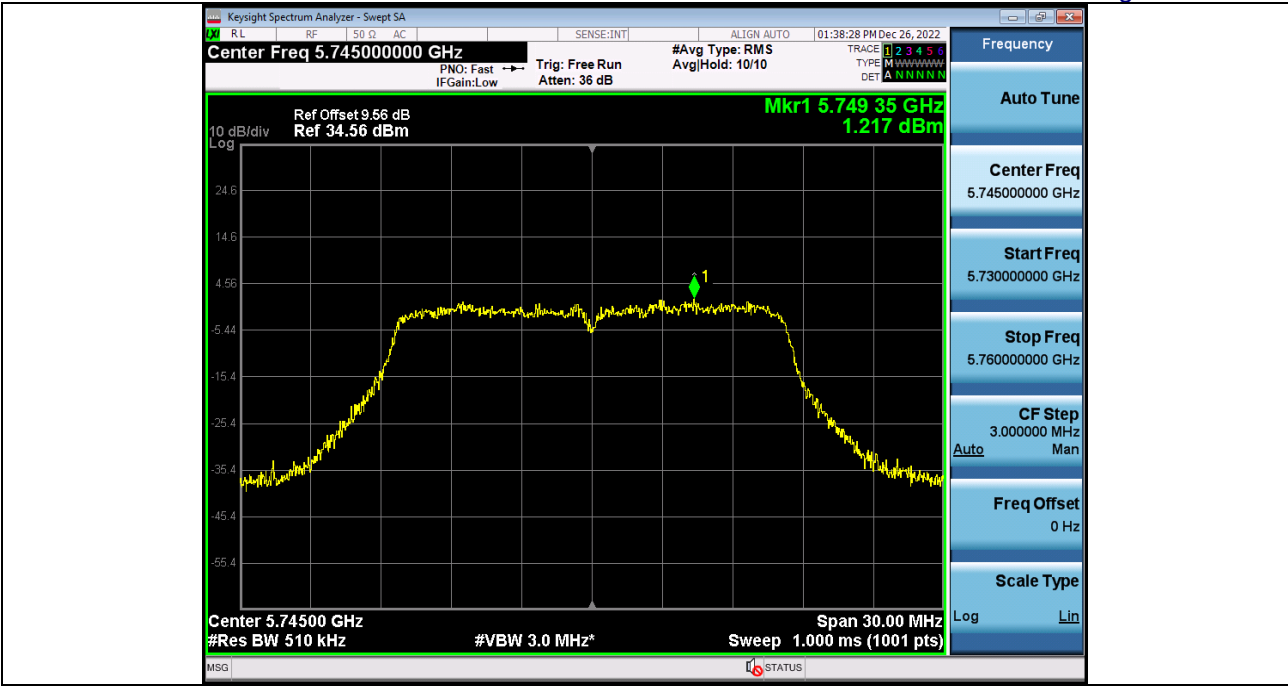


Power Spectral Density 5 8WiFi 802 11ac(VHT40) 5795 40M

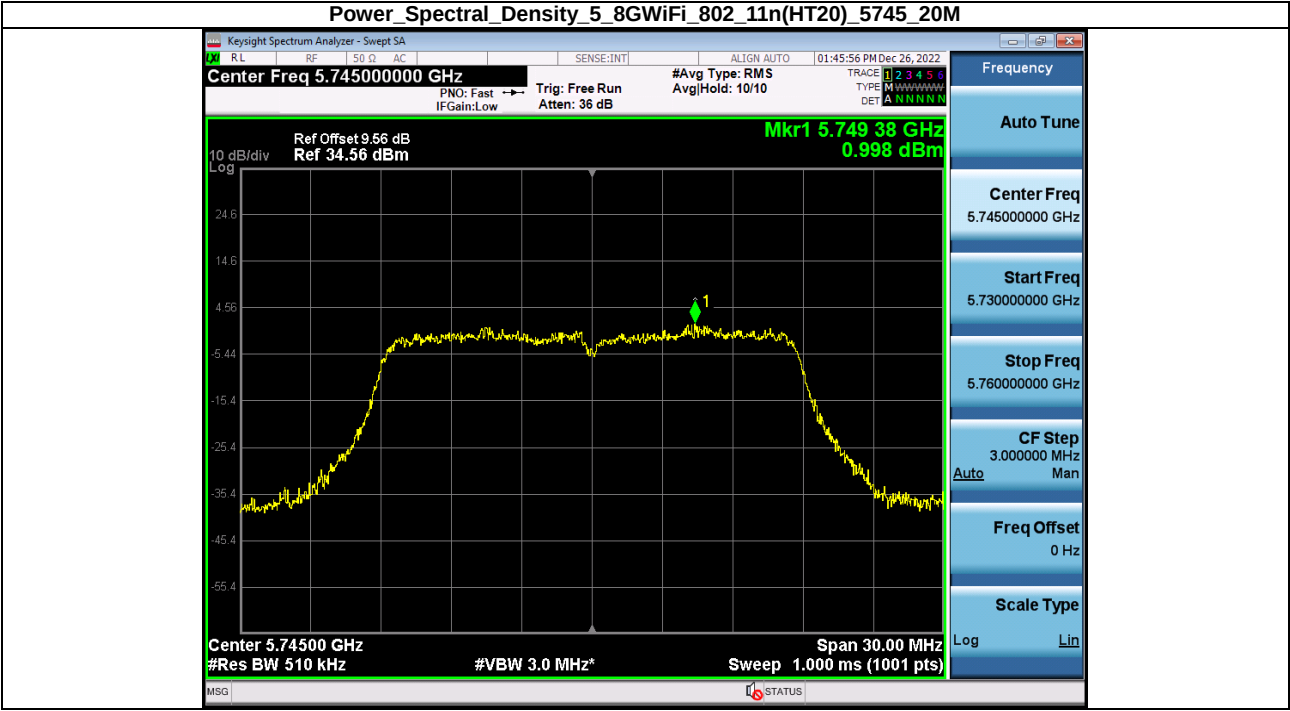


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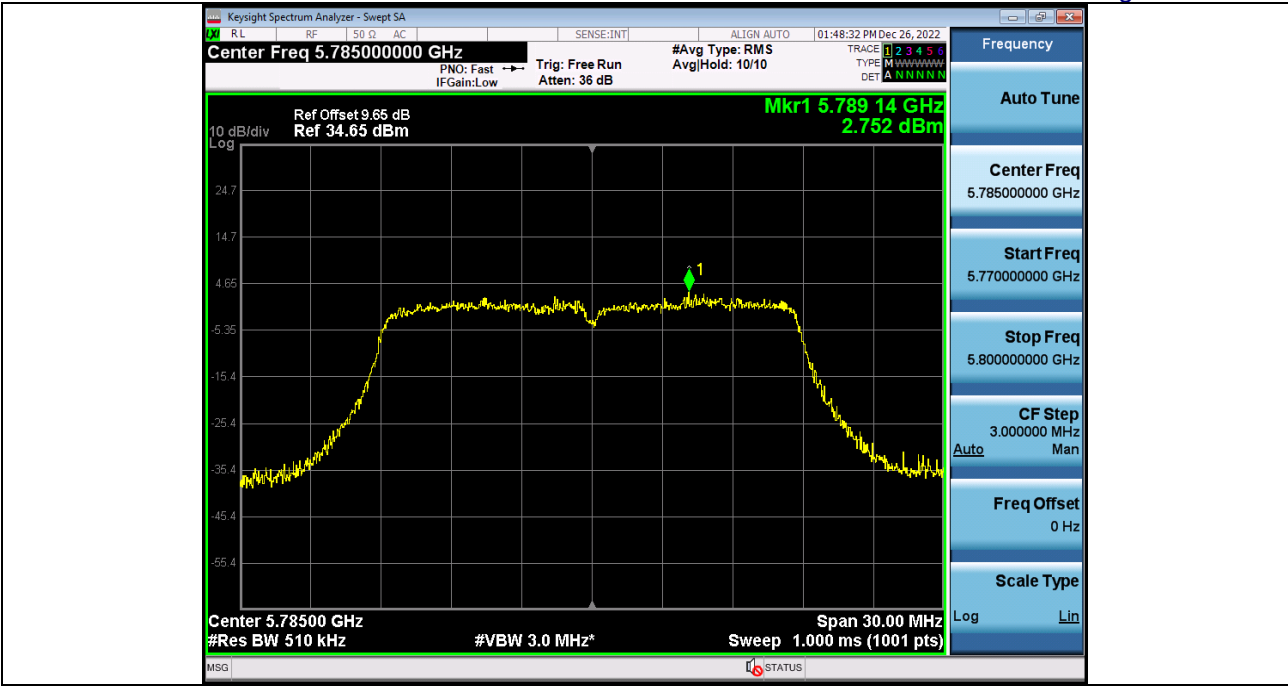
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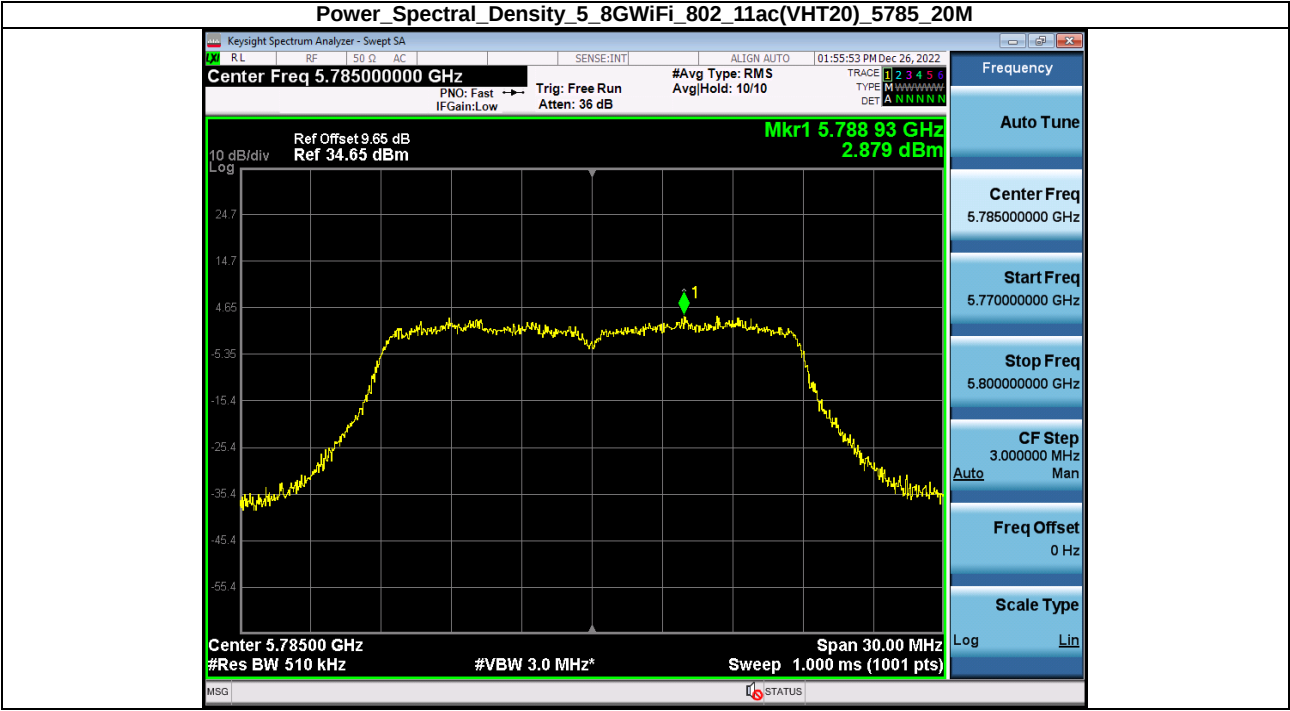
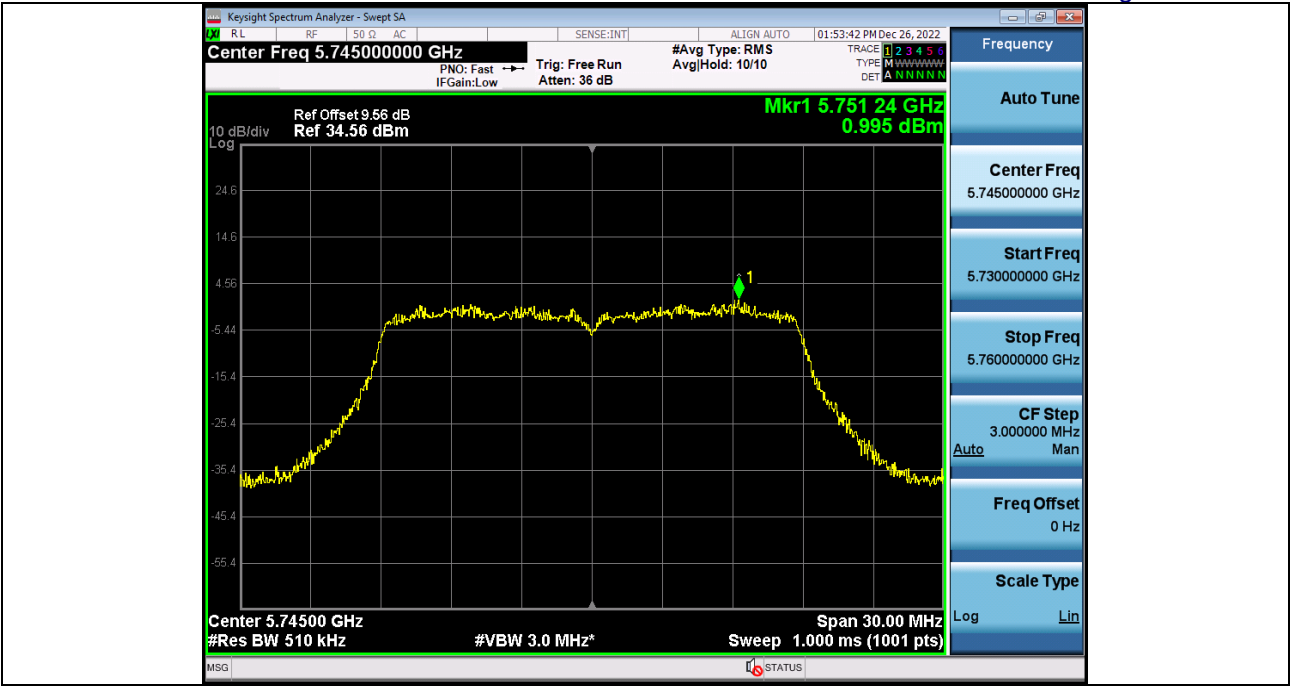
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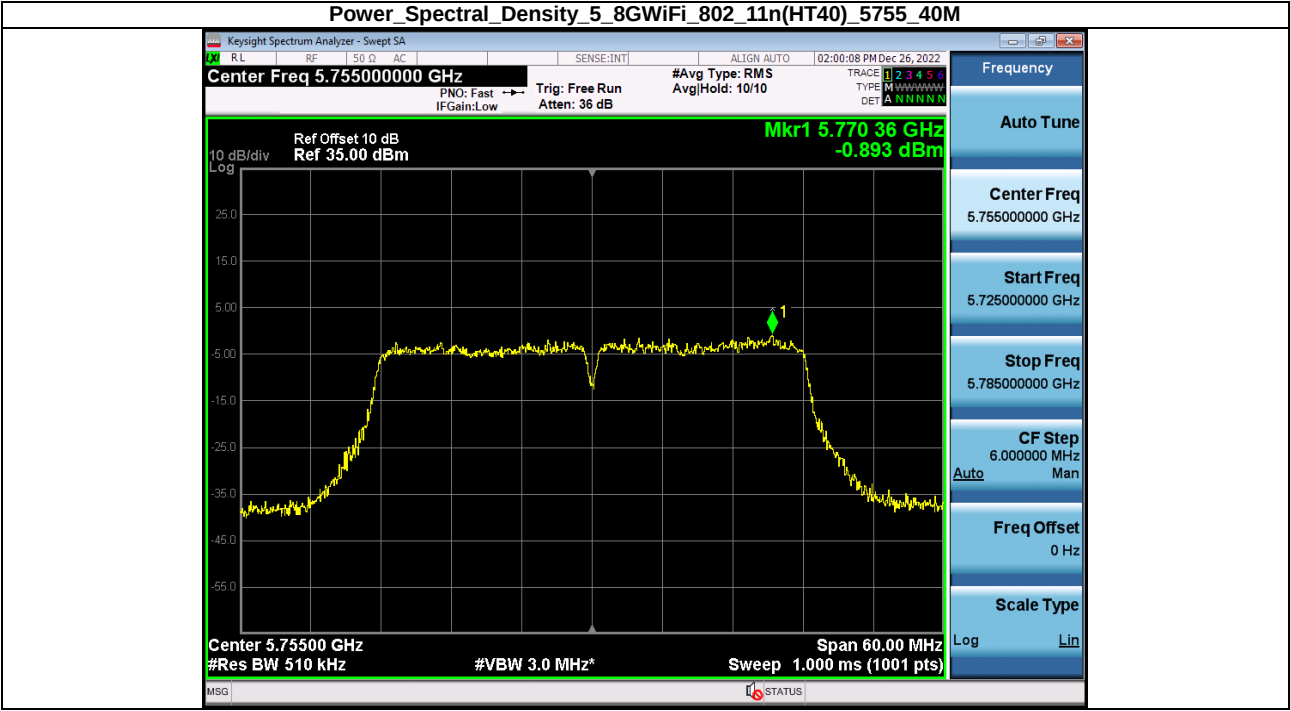
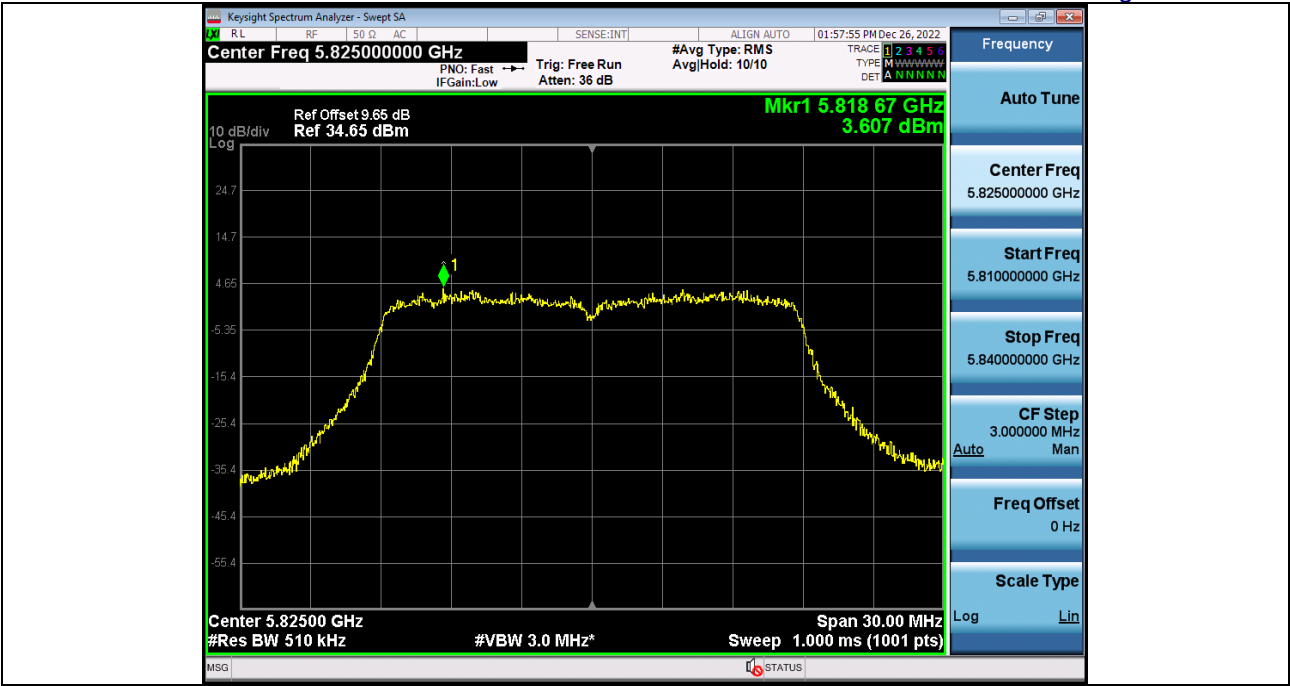
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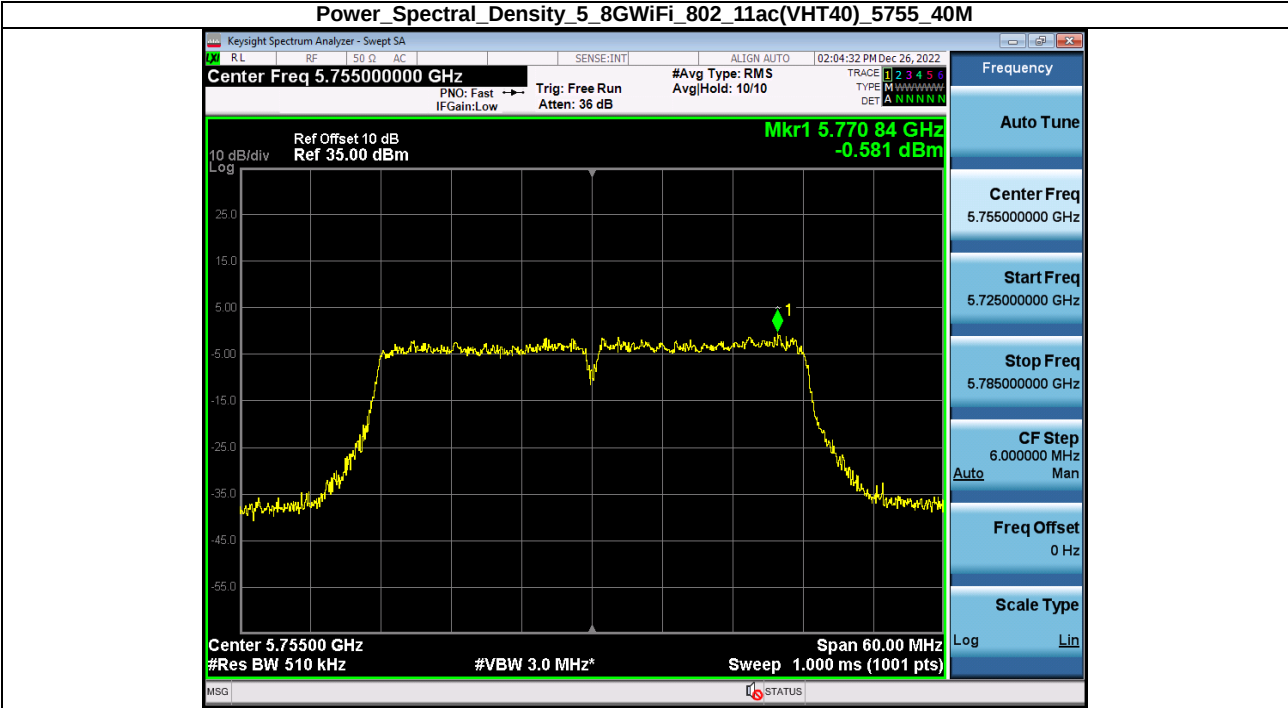
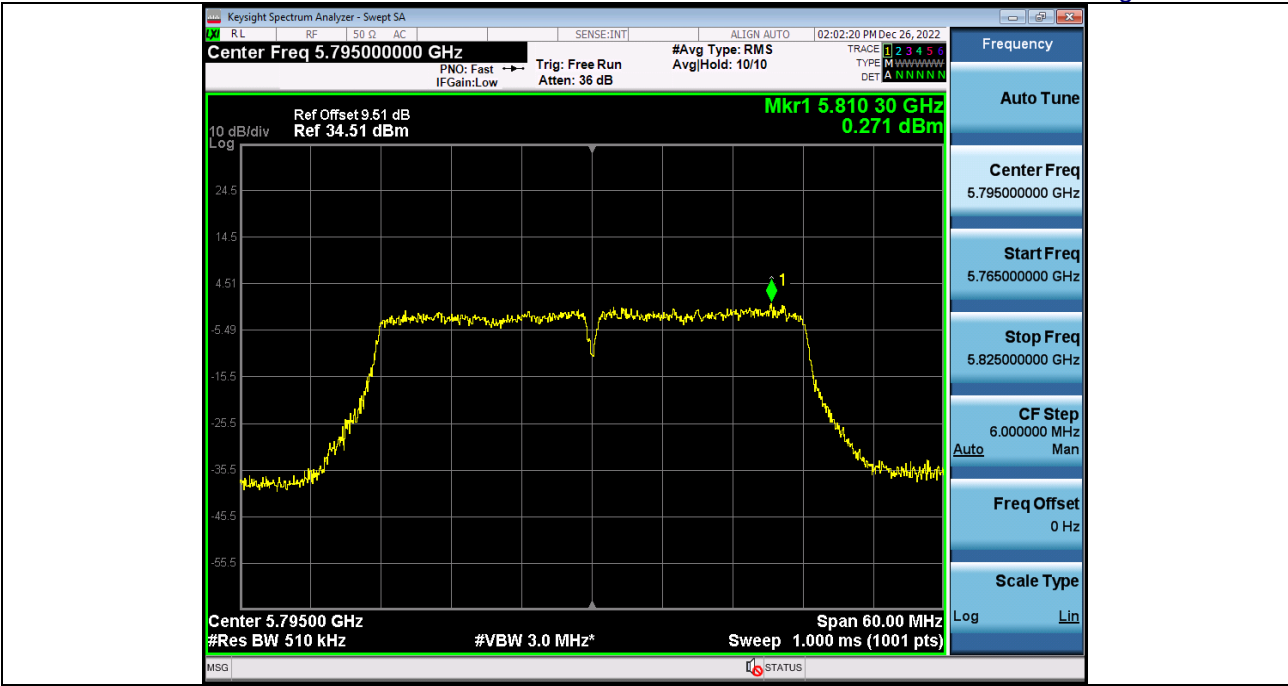
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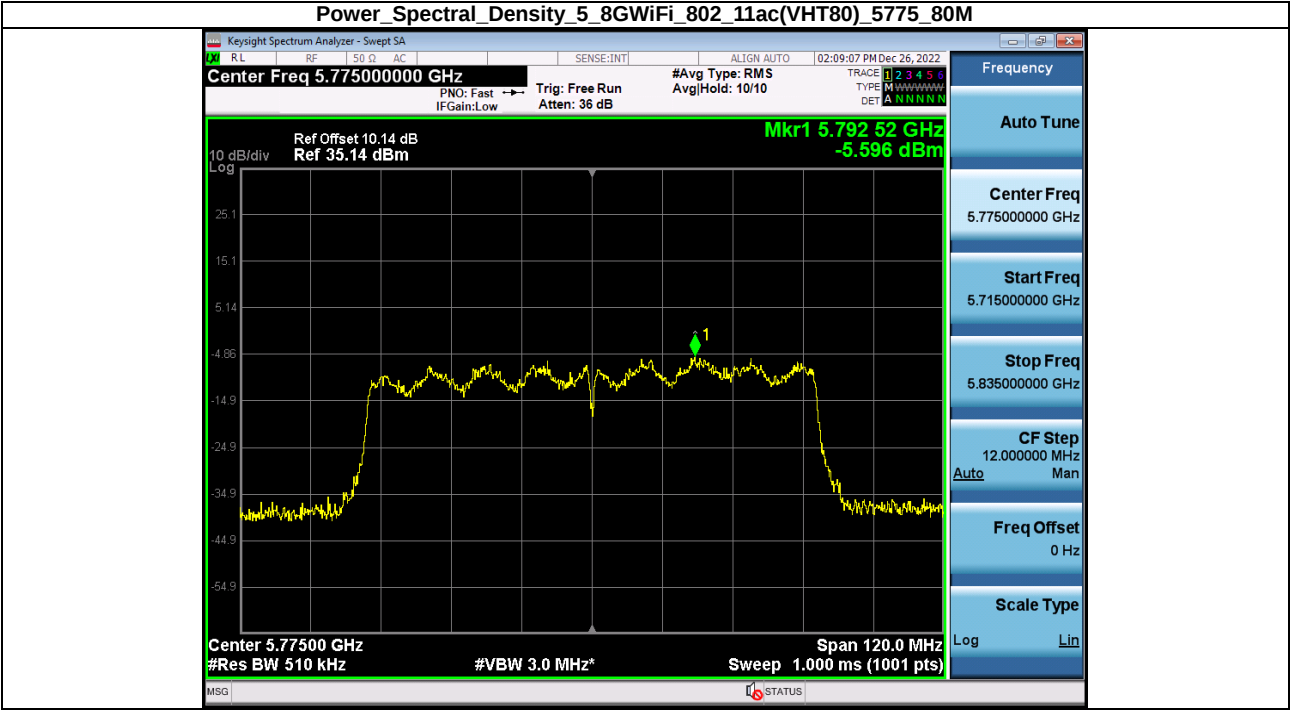
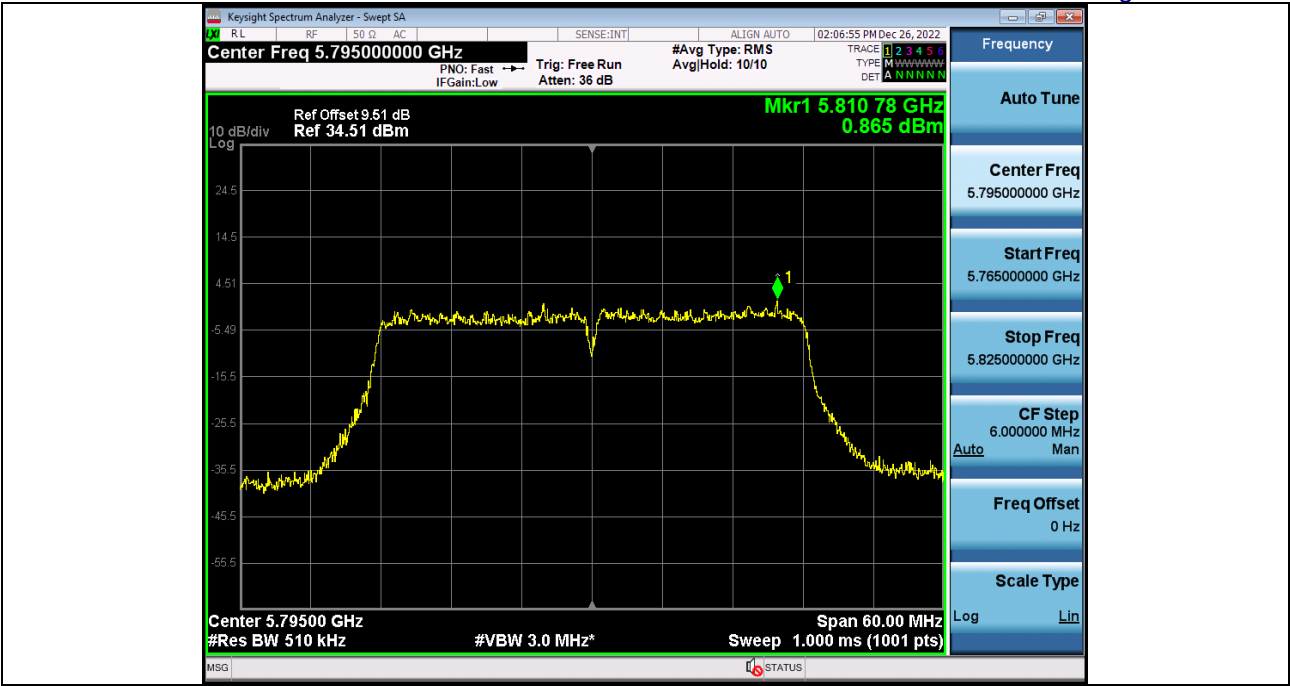
Power Spectral Density 5_8WiFi_802_11ac(VHT20)_5825_20M



Power Spectral Density 5_8WiFi 802_11n(HT40)_5795_40M

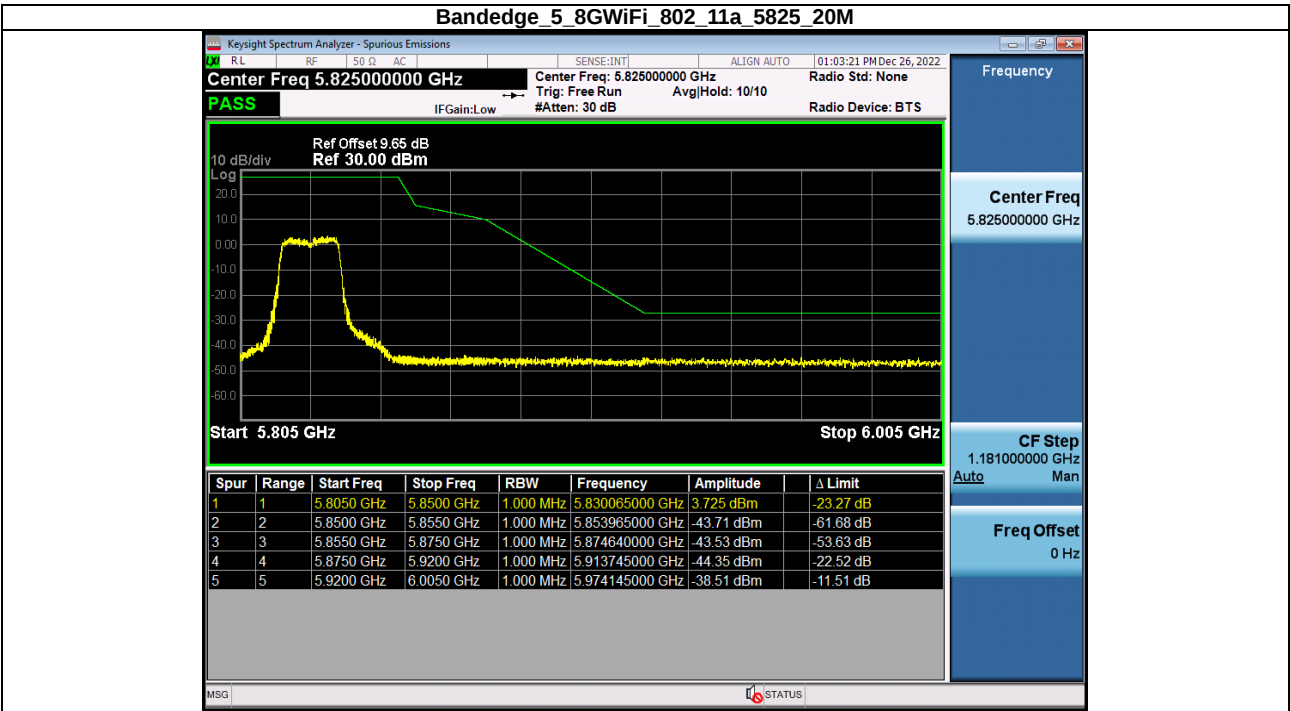
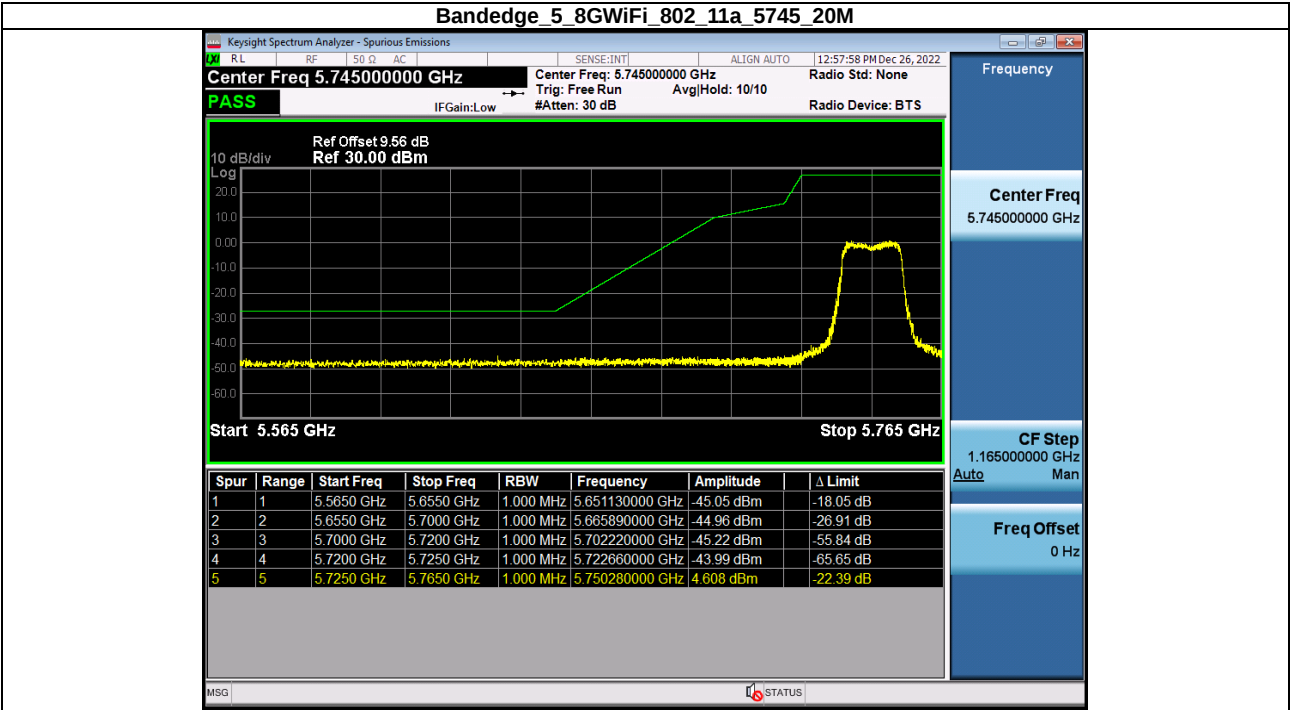


Power_Spectral_Density_5_8WiFi_802_11ac(VHT40)_5795_40M

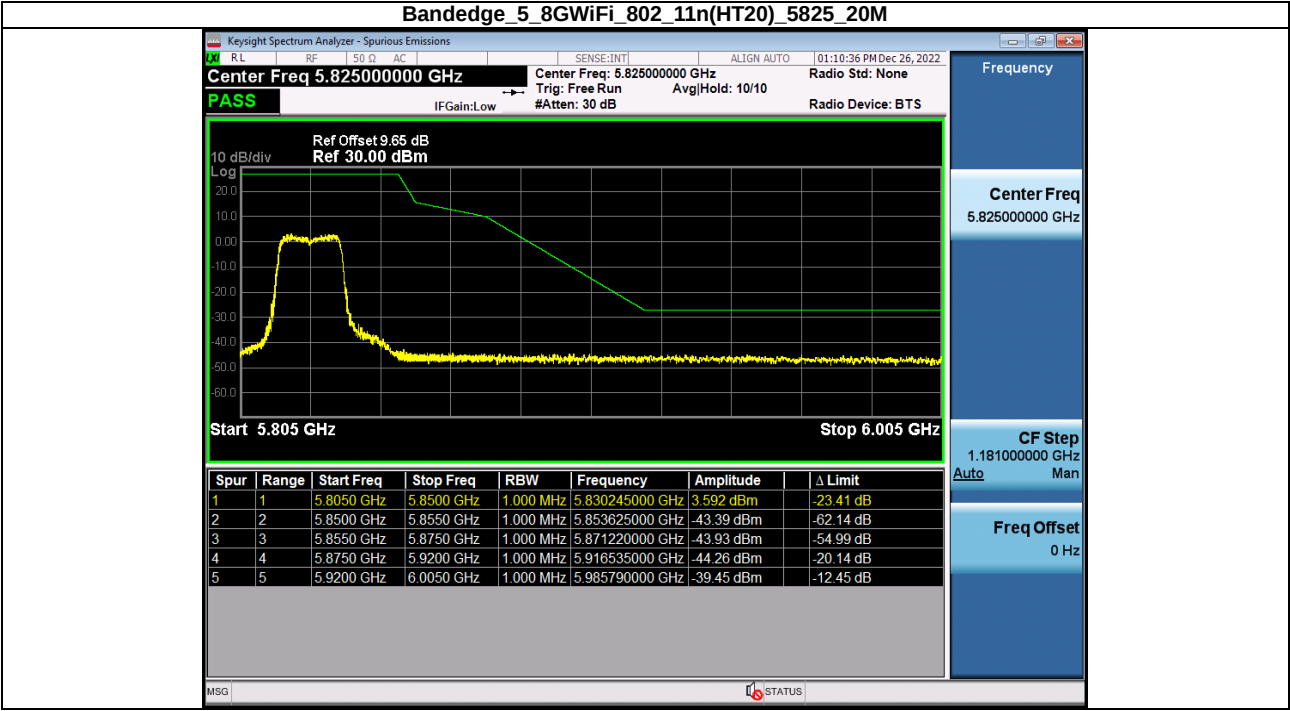
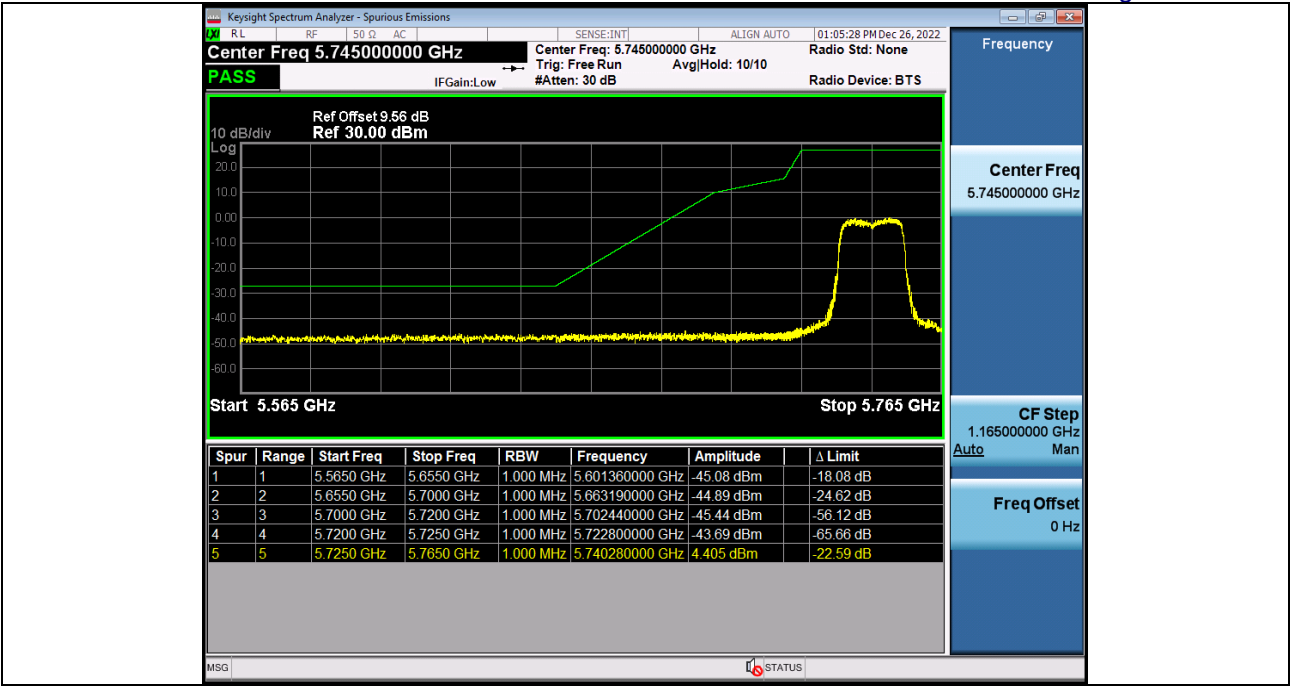


5. Bandedge

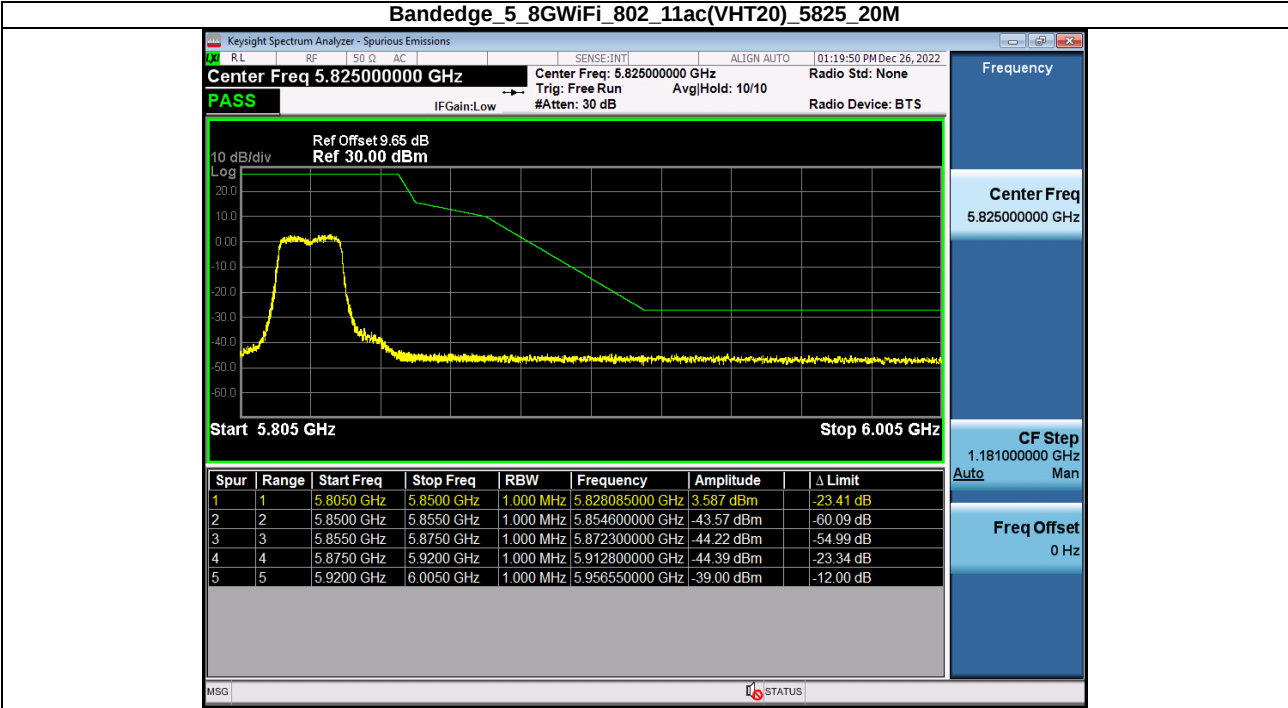
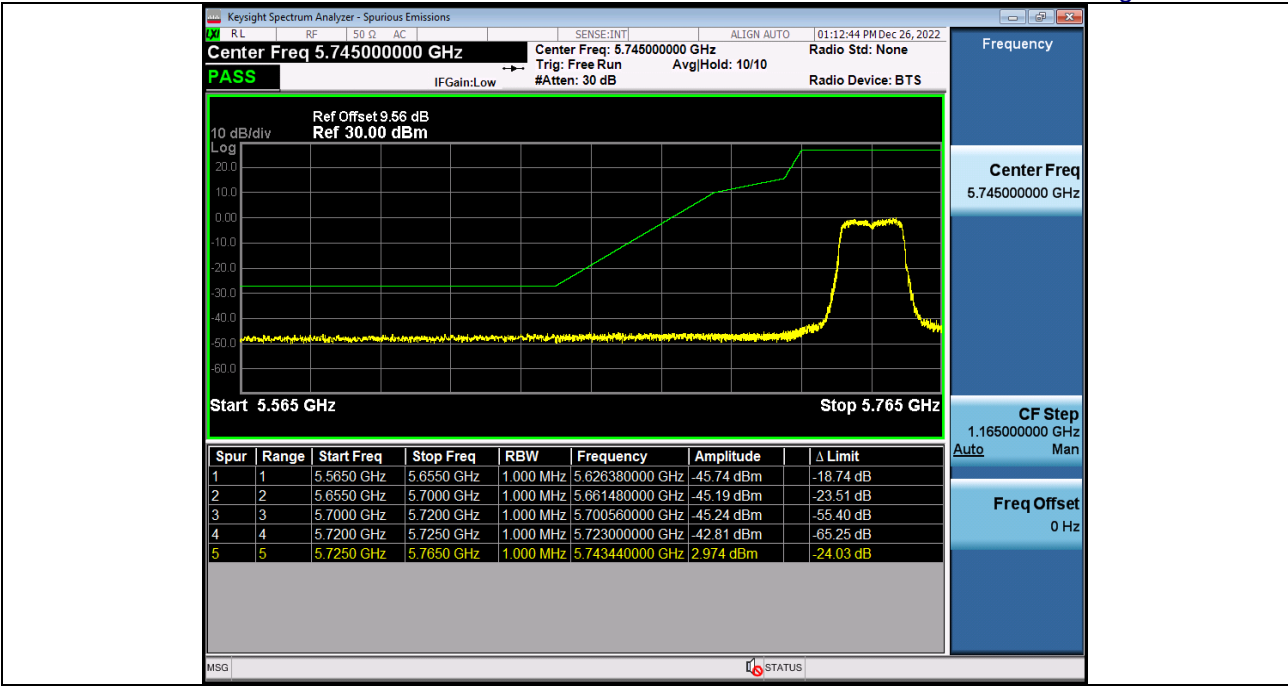
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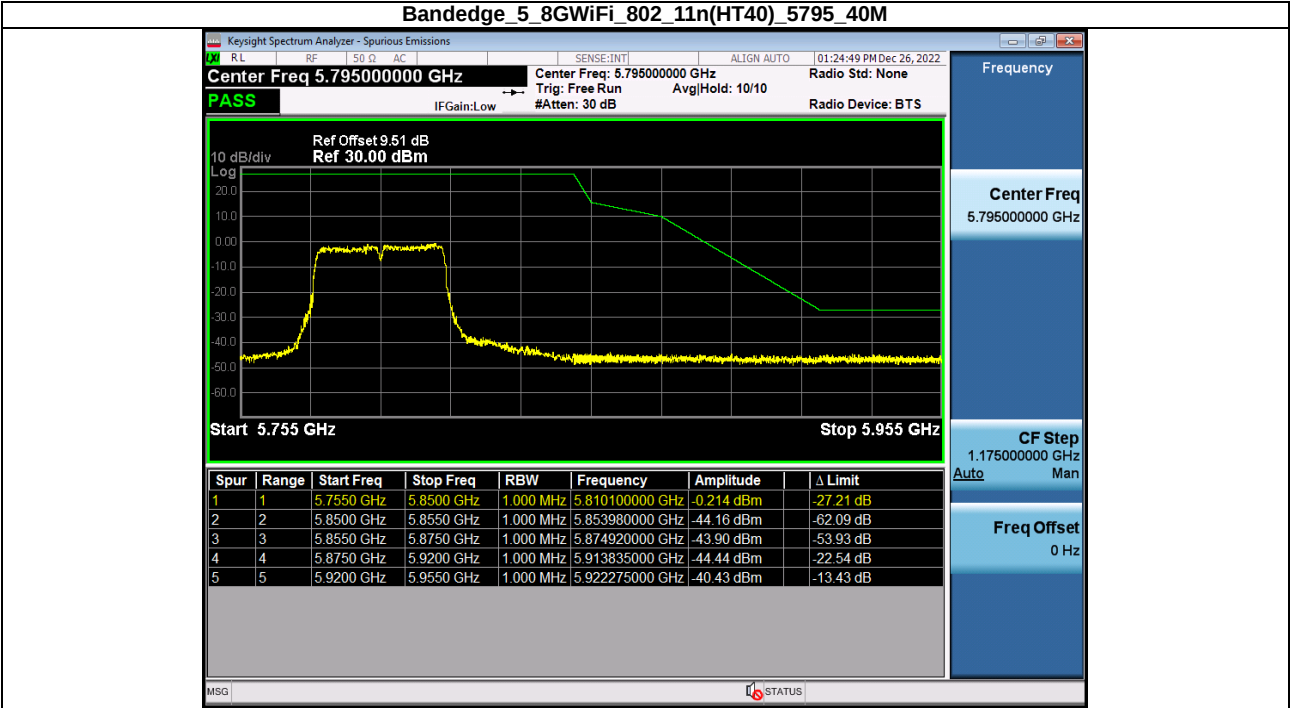
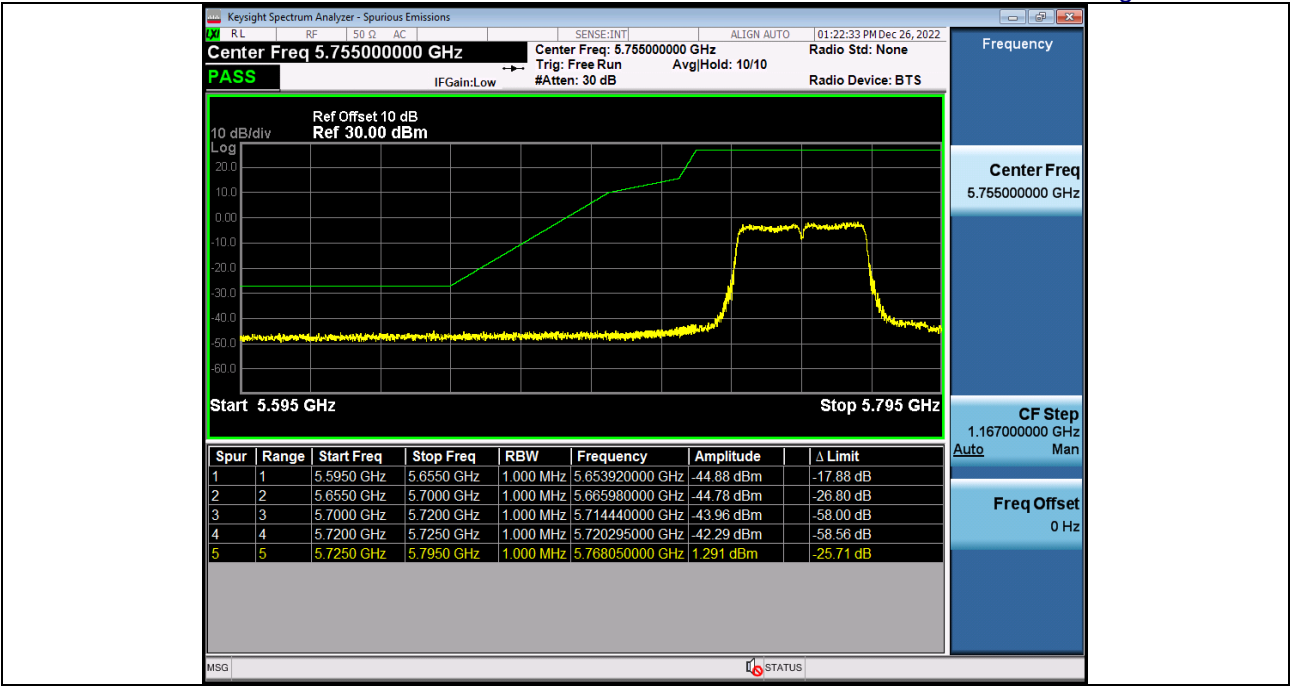
Bandedge_5_8WiFi_802_11n(HT20)_5745_20M



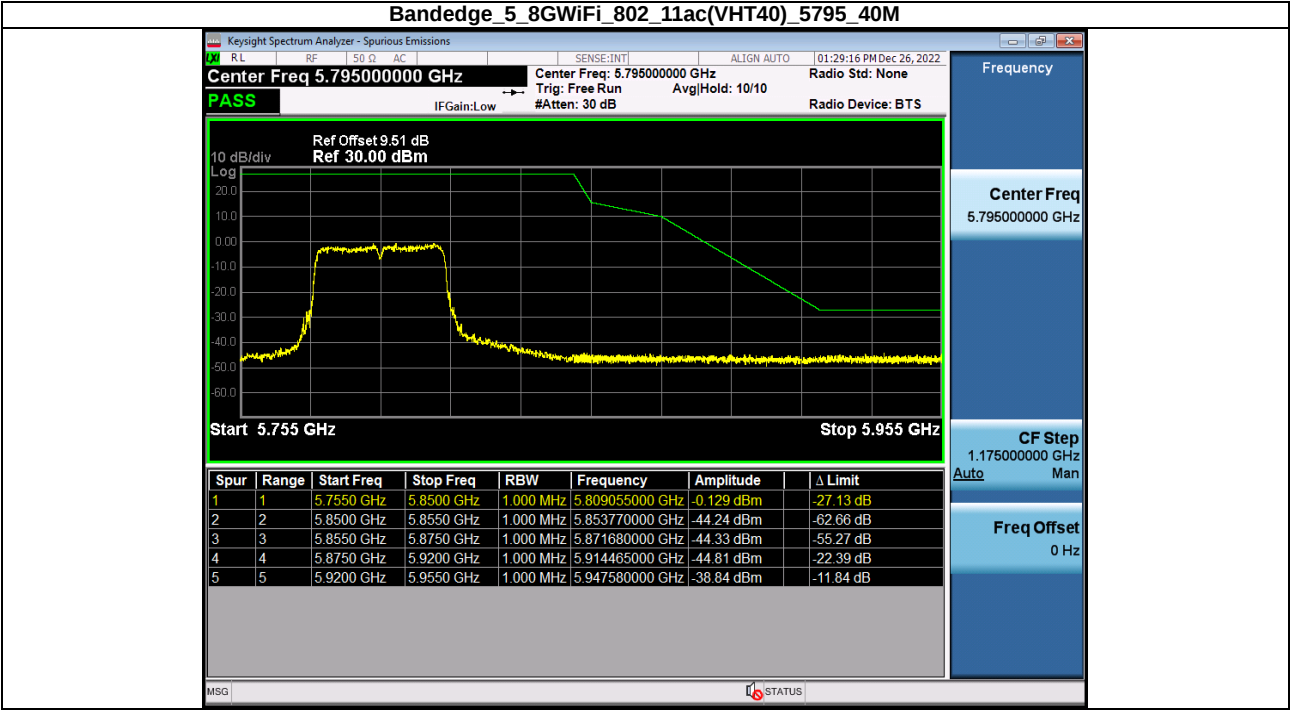
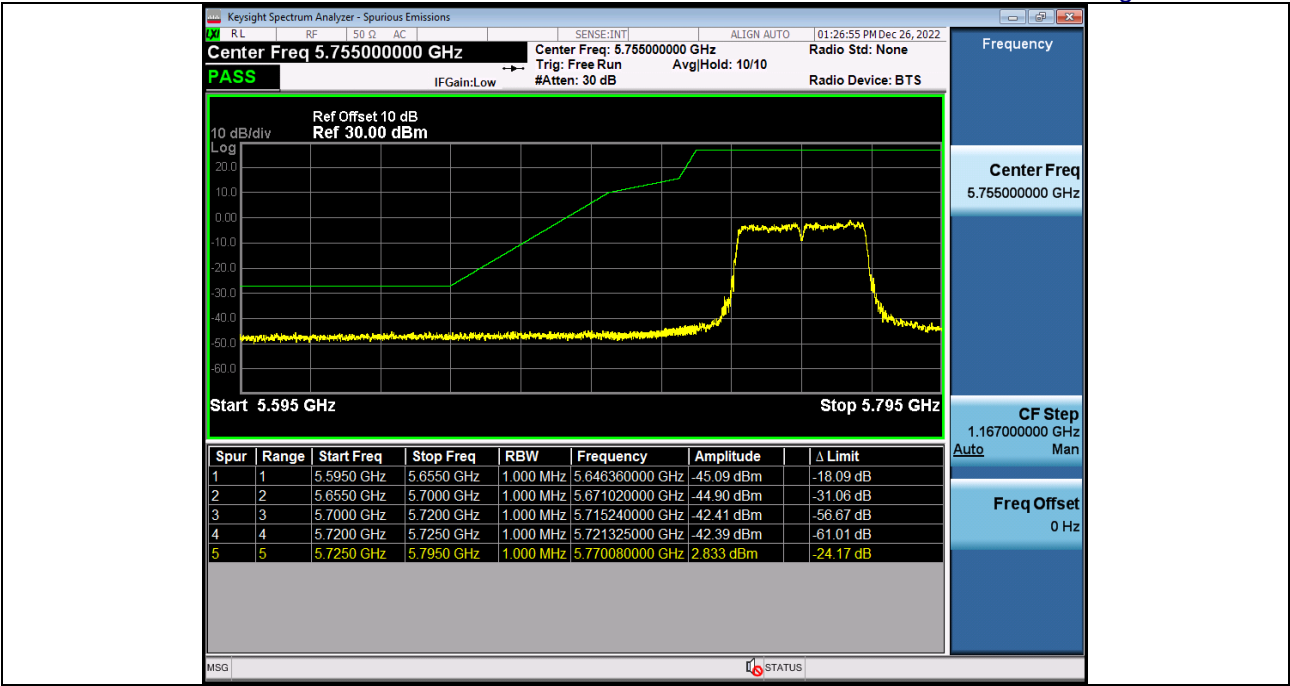
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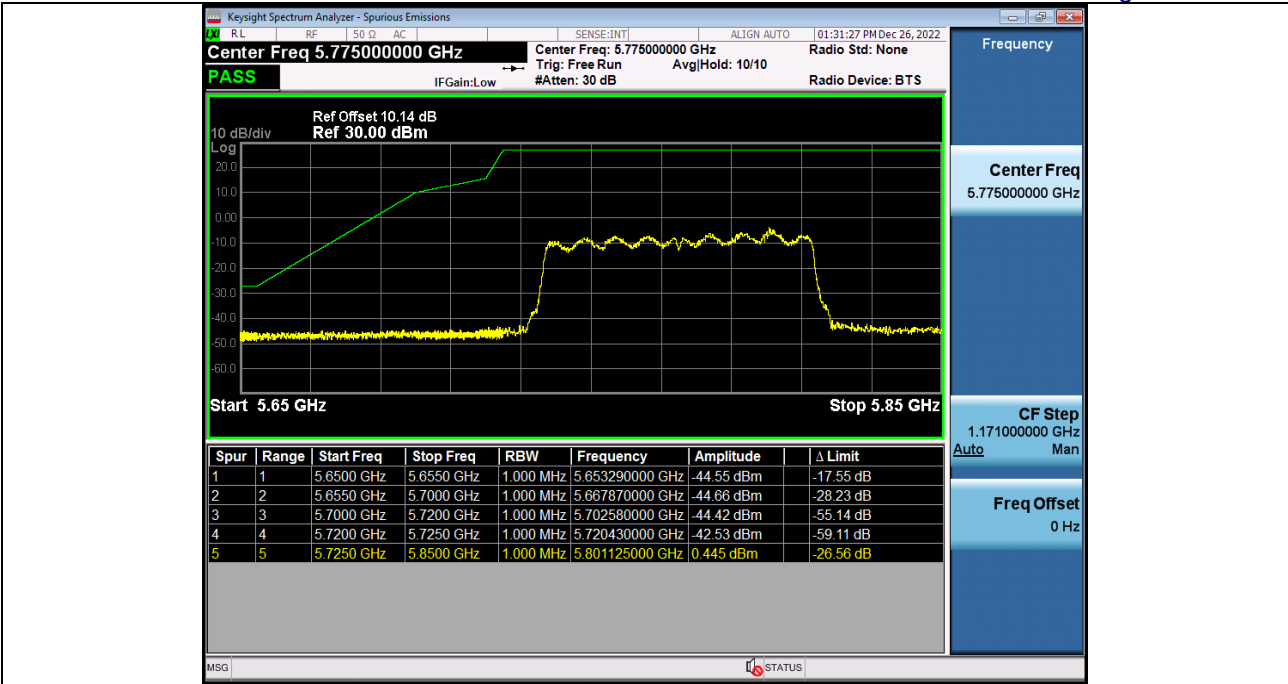
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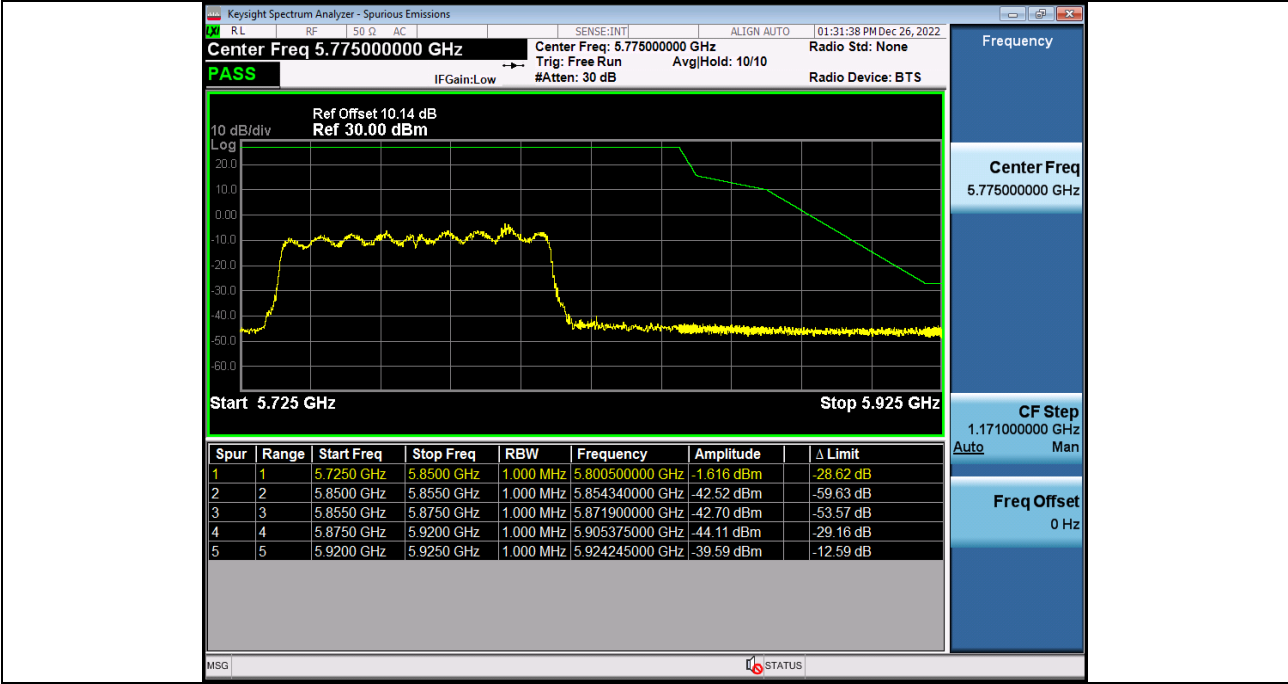
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Bandedge_5_8WiFi_802_11ac(VHT80)_5775_80M_low

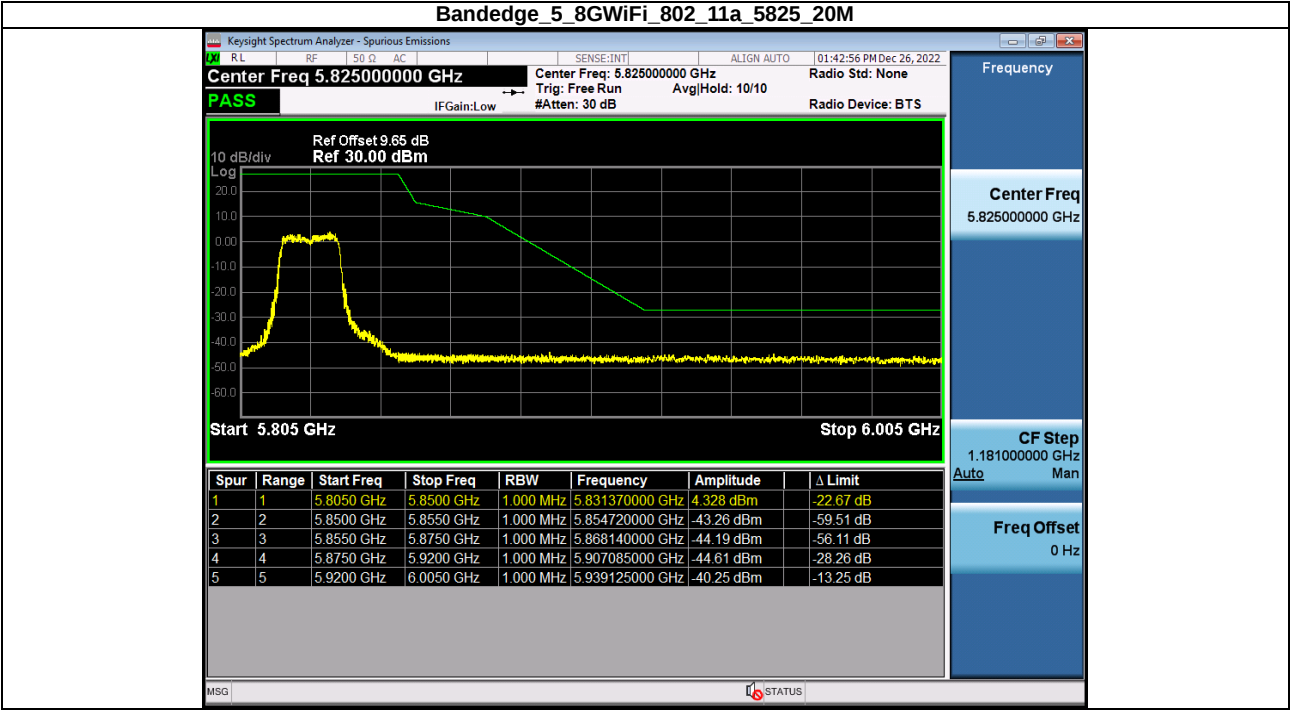
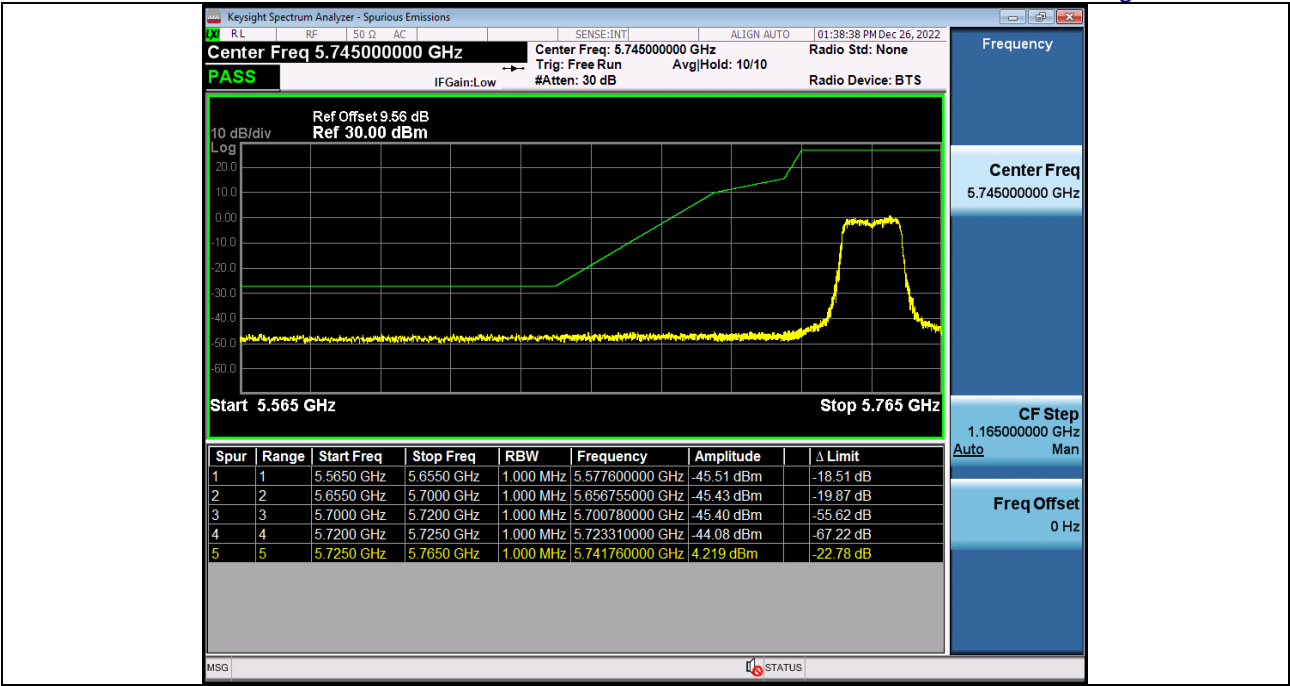


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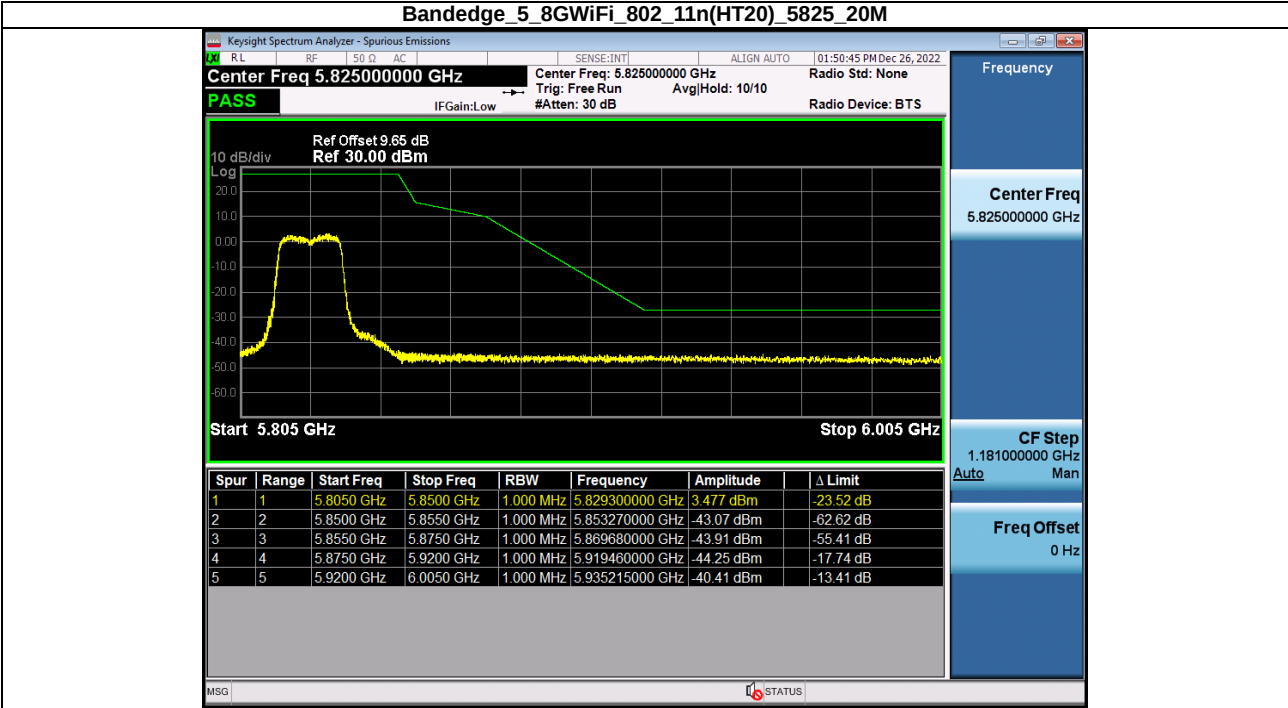
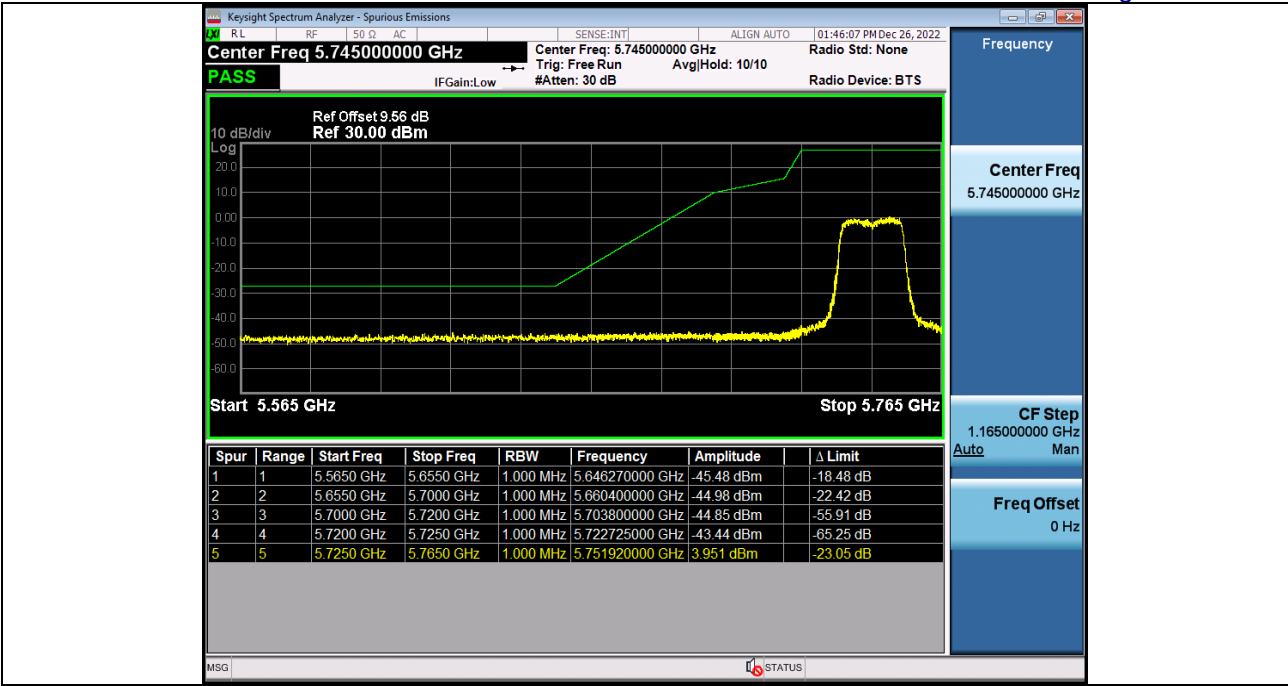


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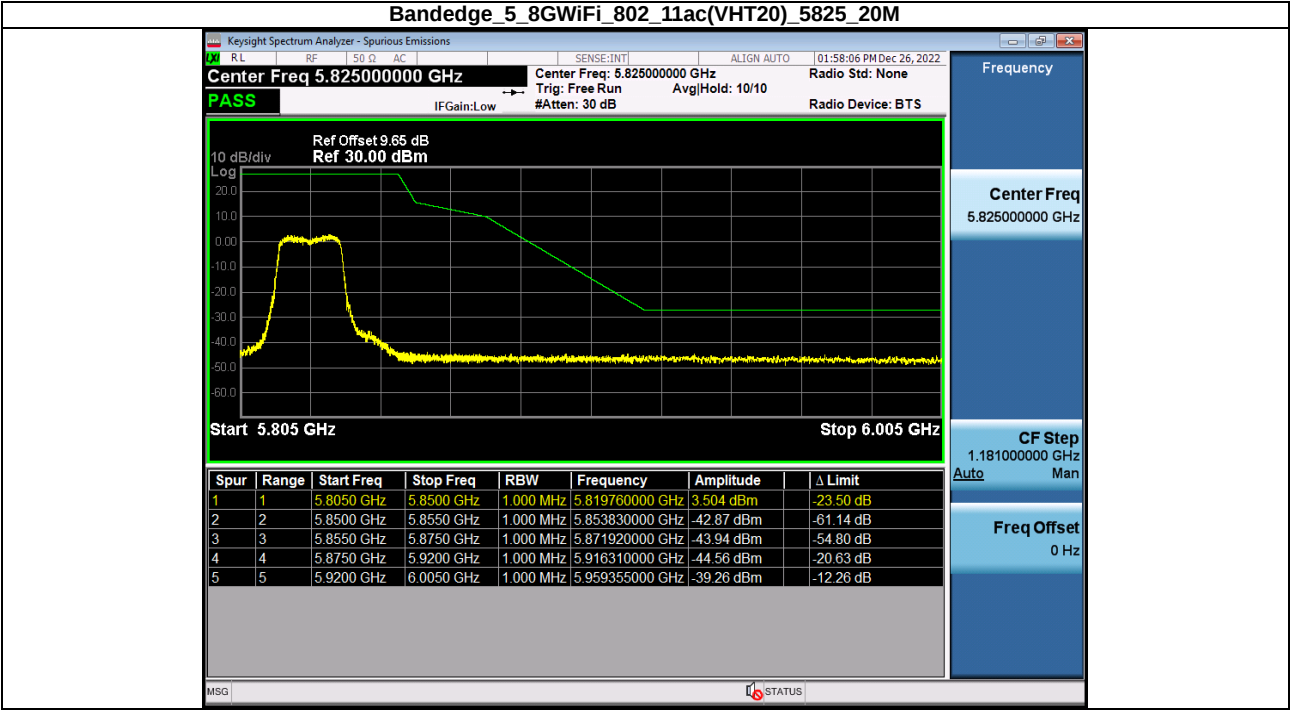
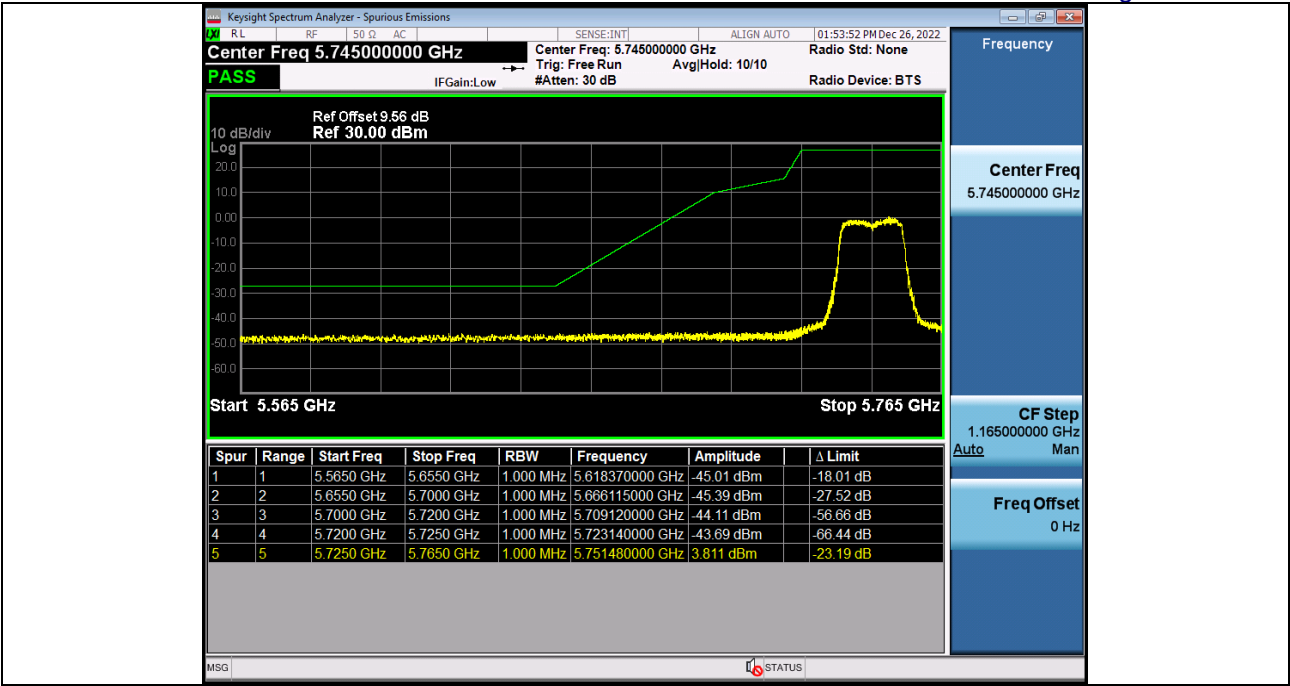
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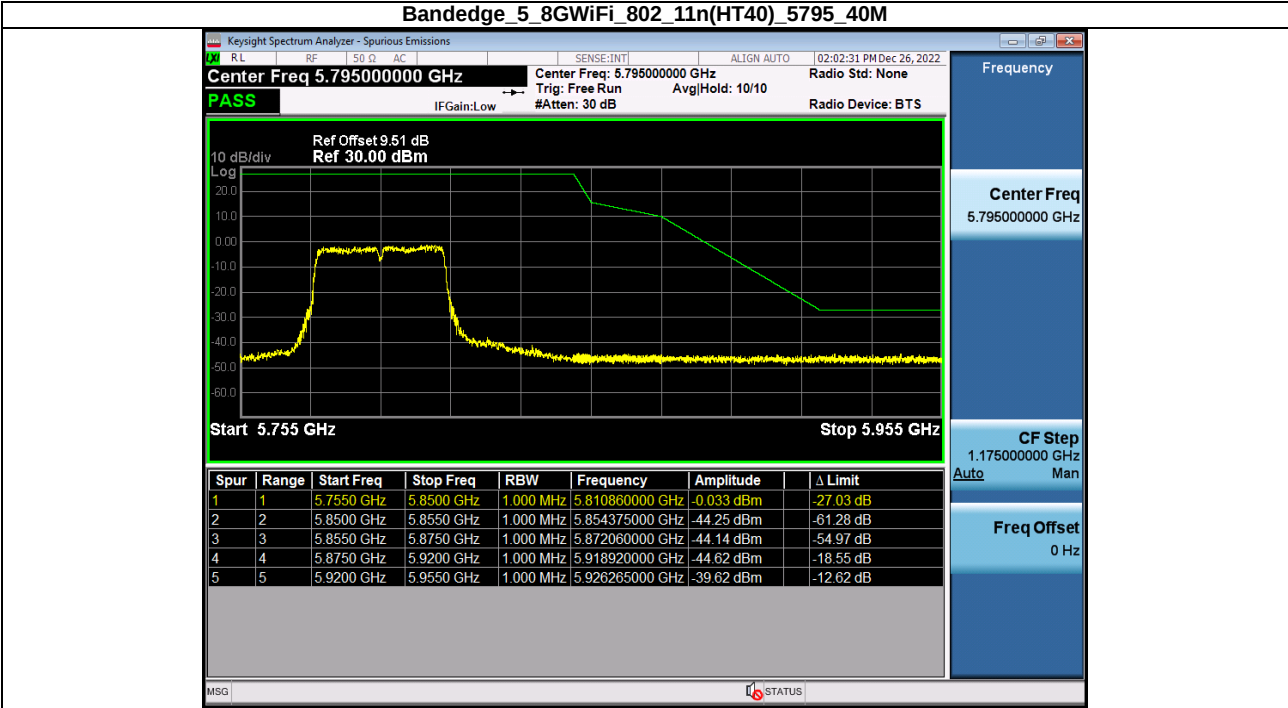
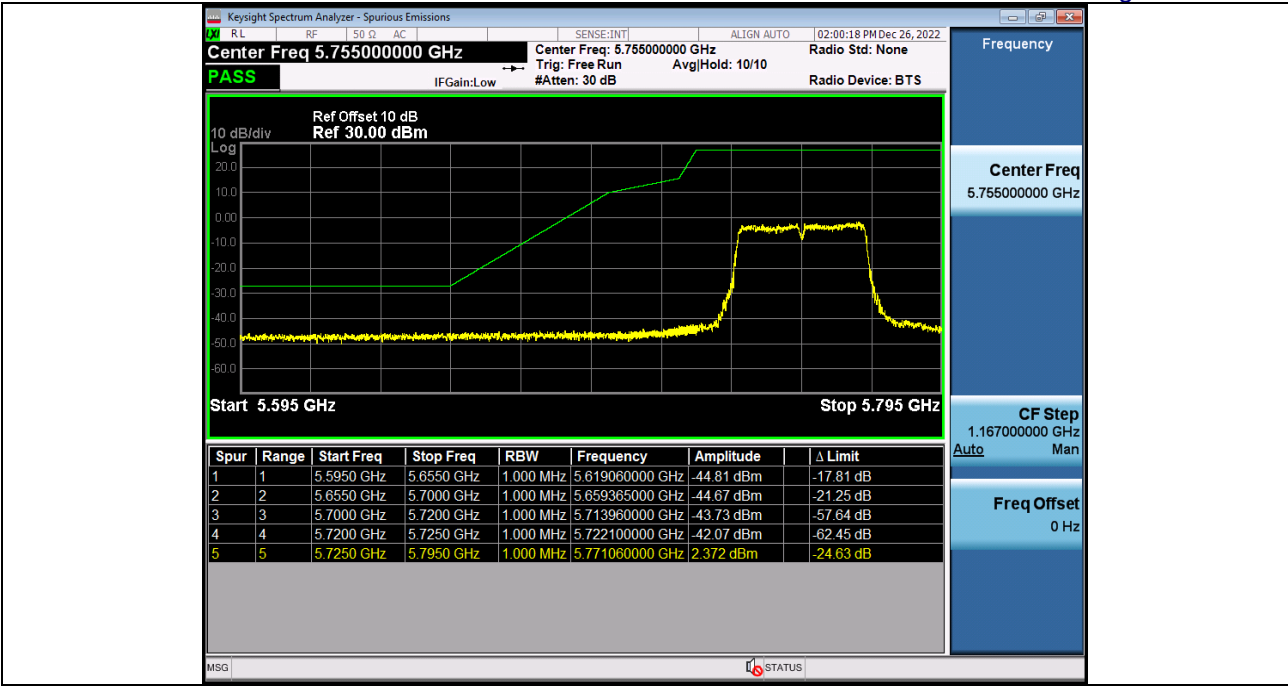
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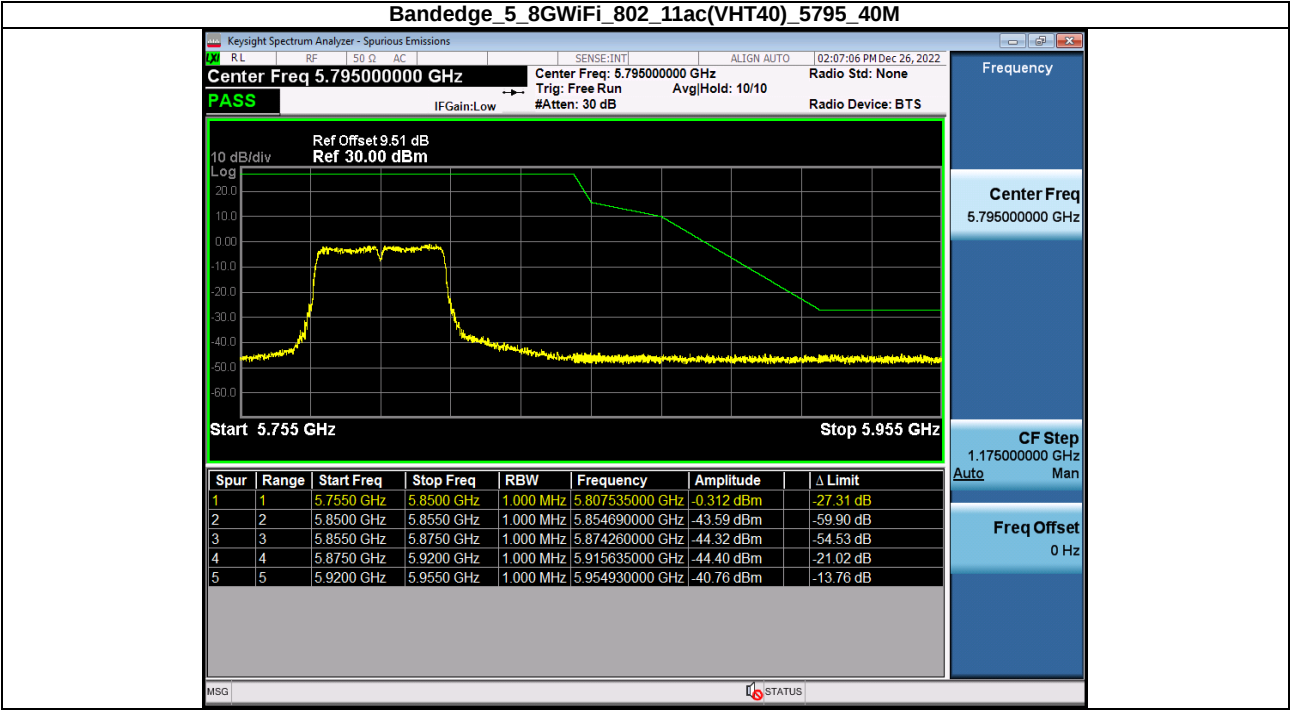
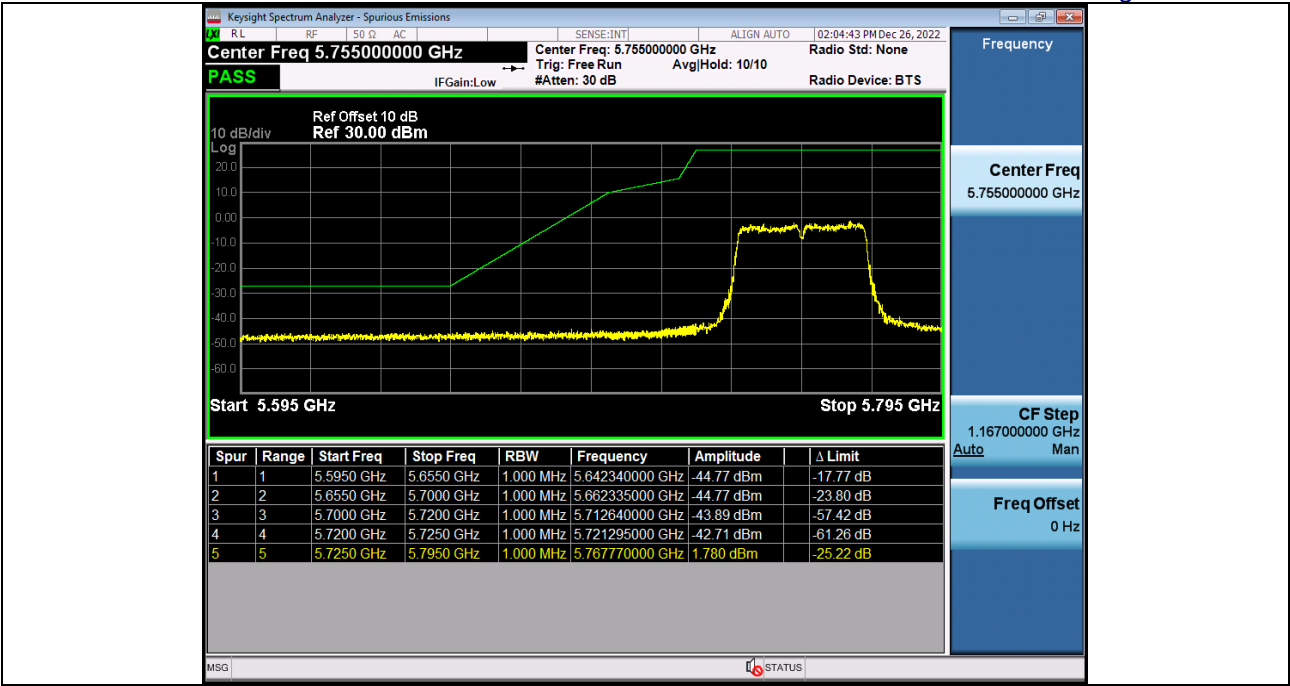
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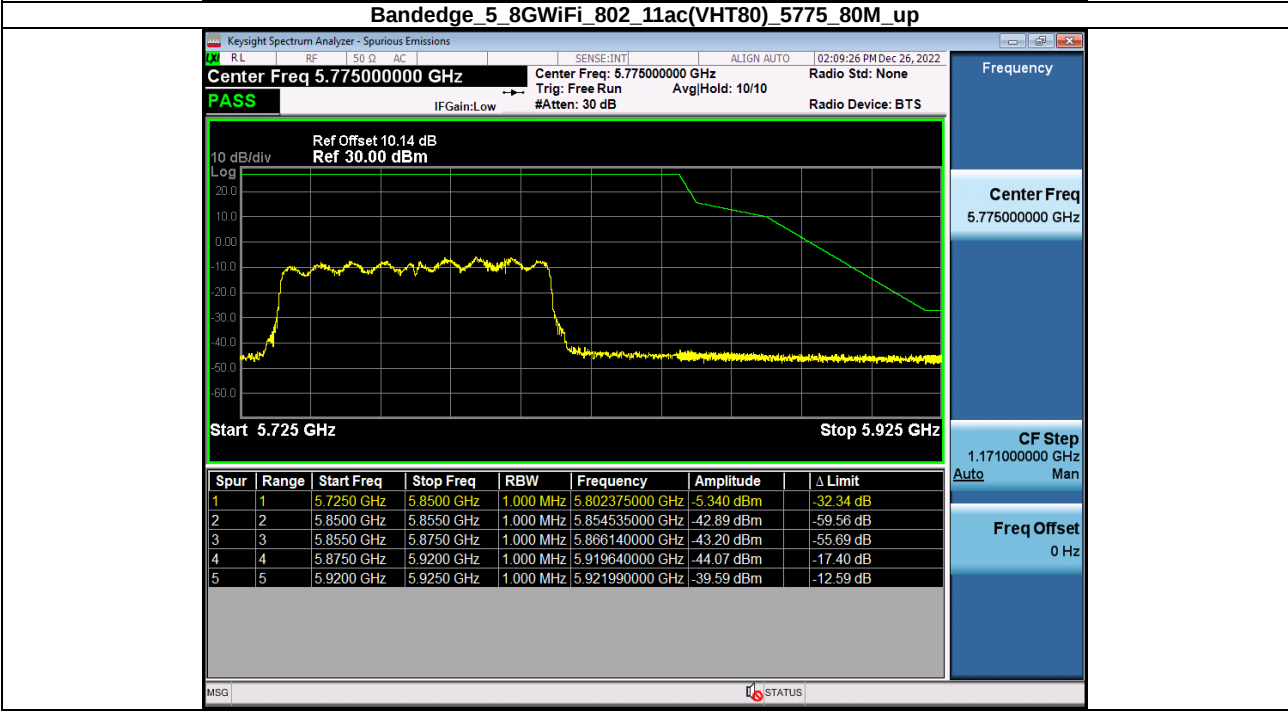
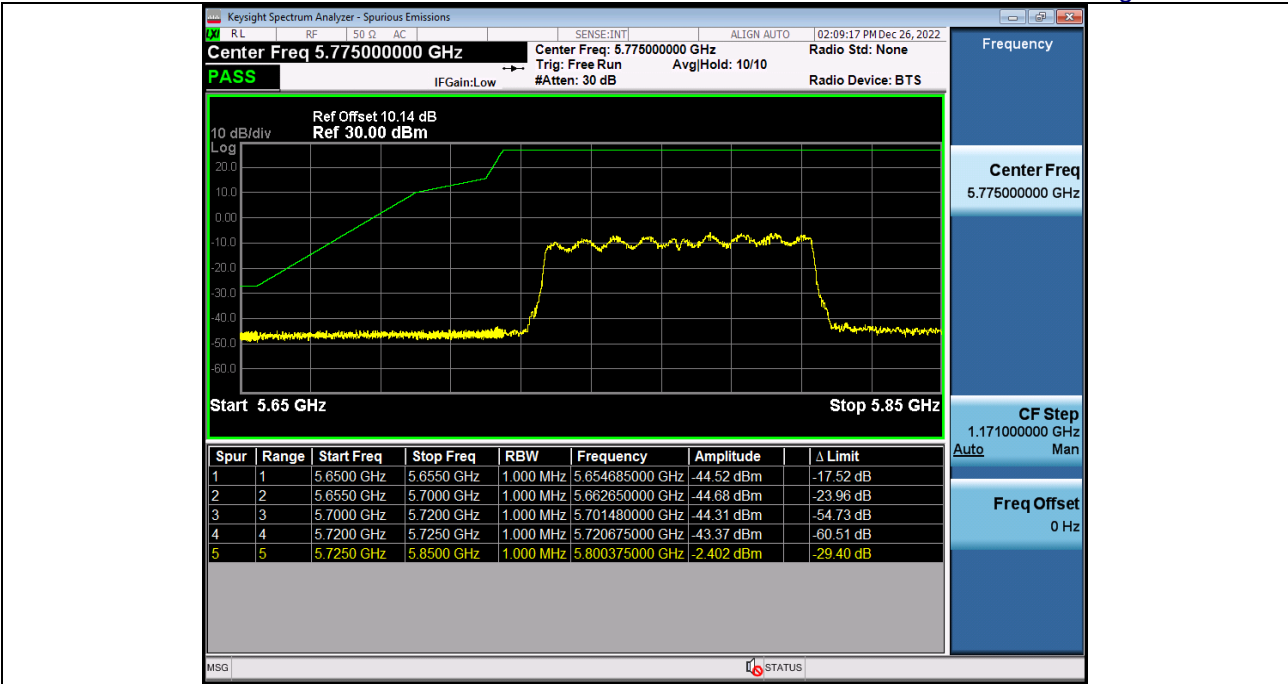
Bandedge_5_8WiFi_802_11n(HT40)_5755_40M



Bandedge_5_8GWiFi_802_11ac(VHT40)_5755_40M



Bandedge_5_8WiFi_802_11ac(VHT80)_5775_80M_low



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 *******