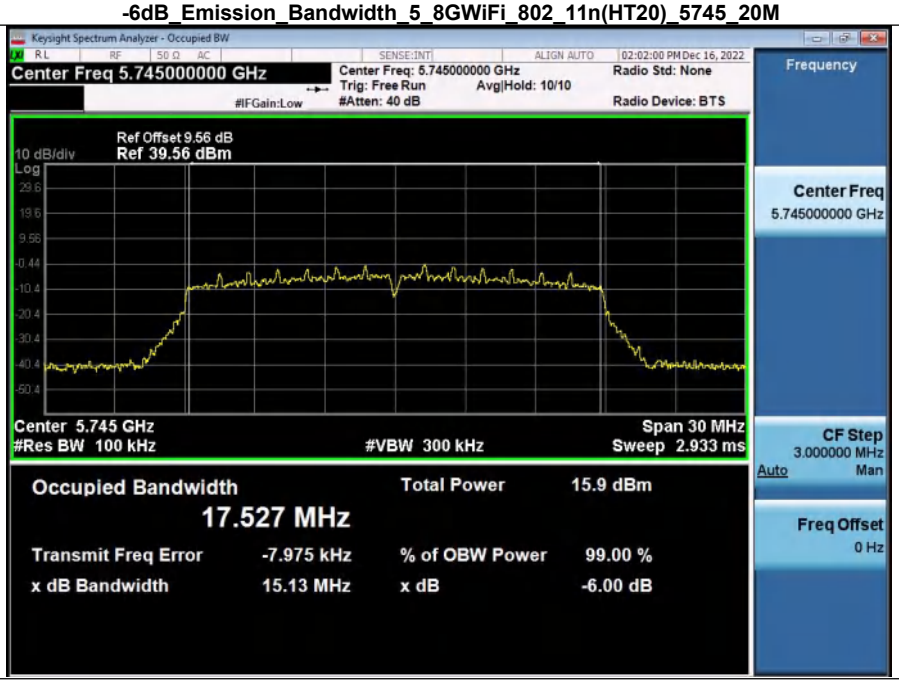
-6dB_Emission_Bandwidth_5_8GWiFi_802_11n(HT20)_5745_20M



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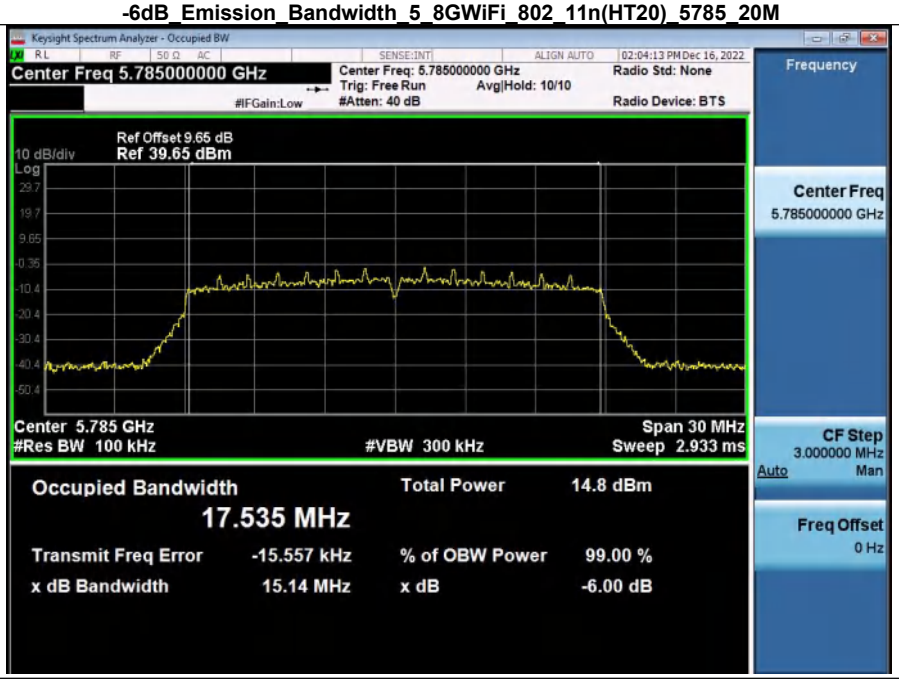

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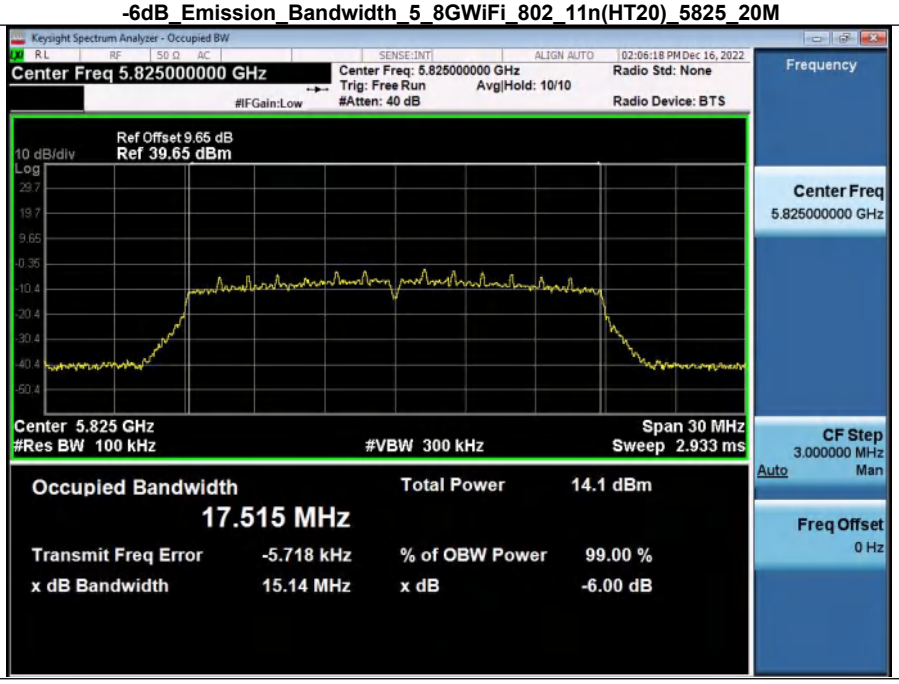

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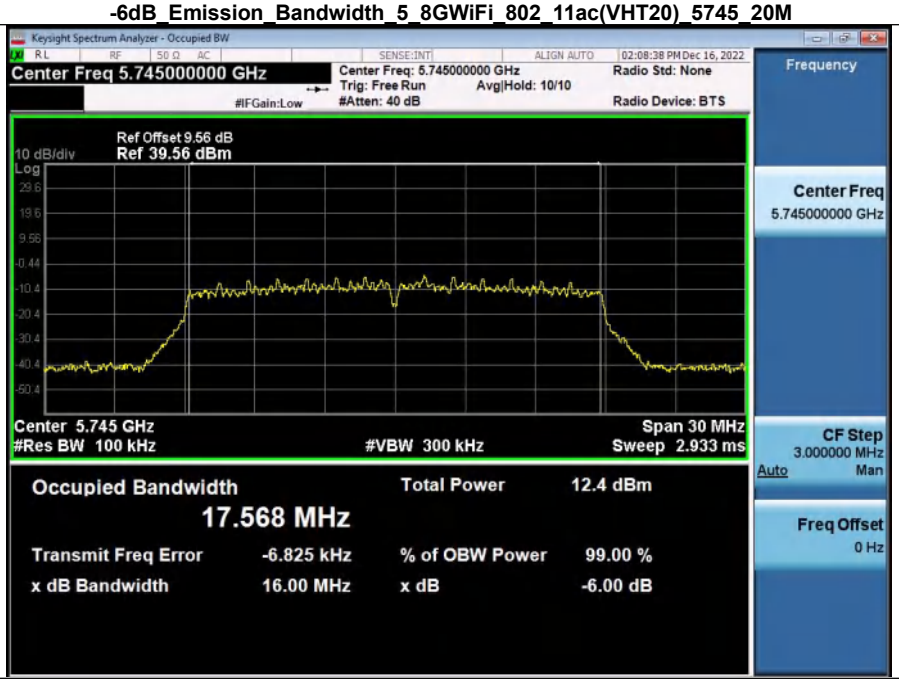

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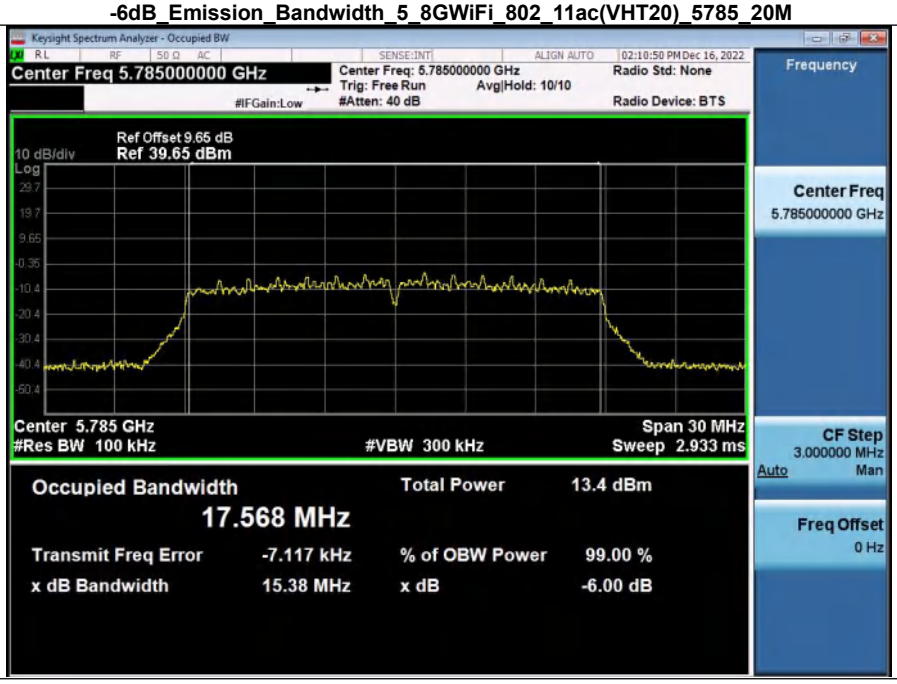

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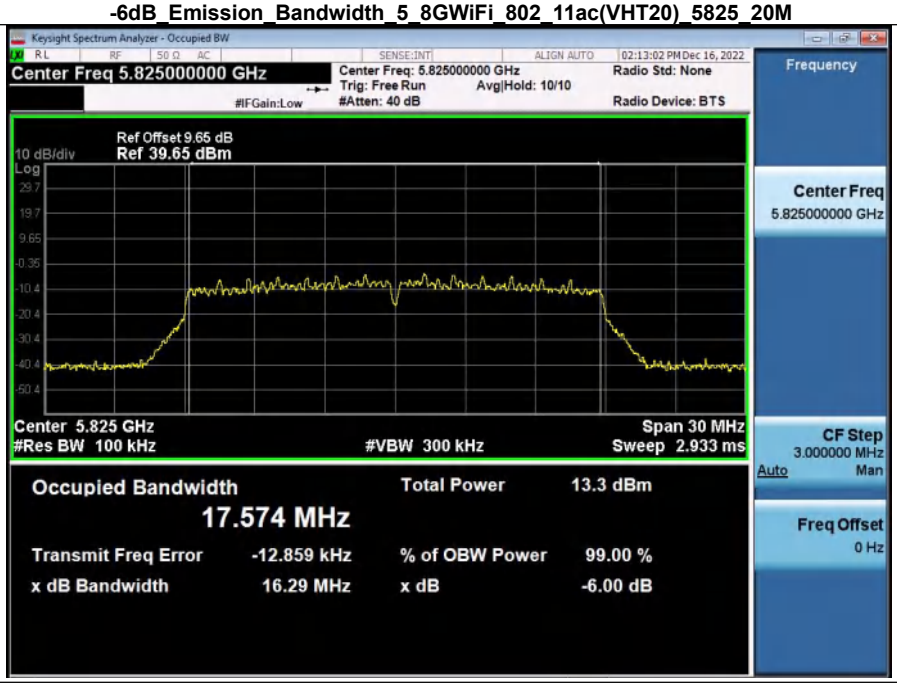
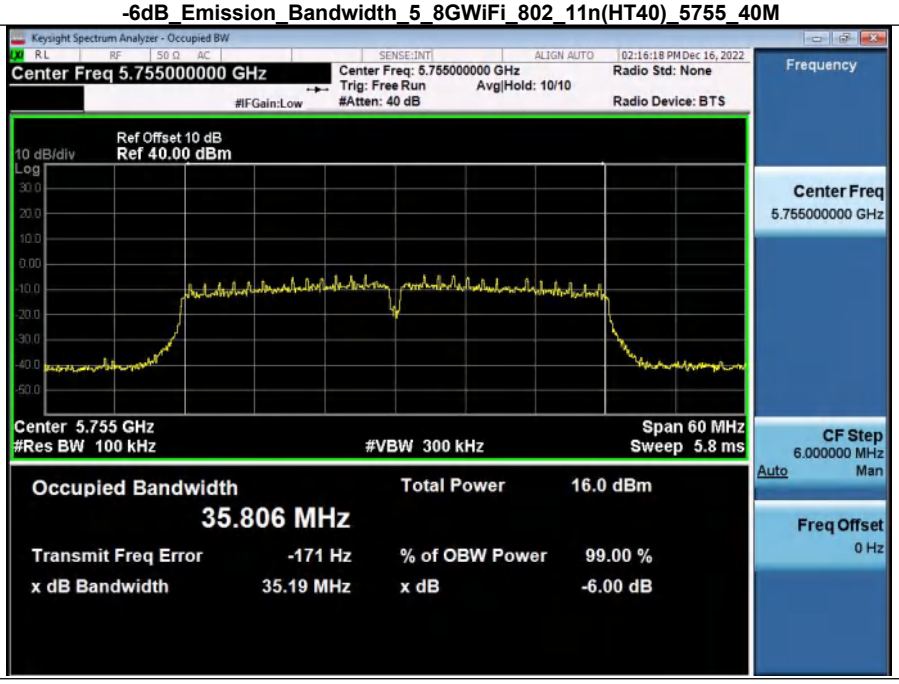


-6dB_Emission_Bandwidth_5_8GWiFi_802_11n(HT40)_5755_40M



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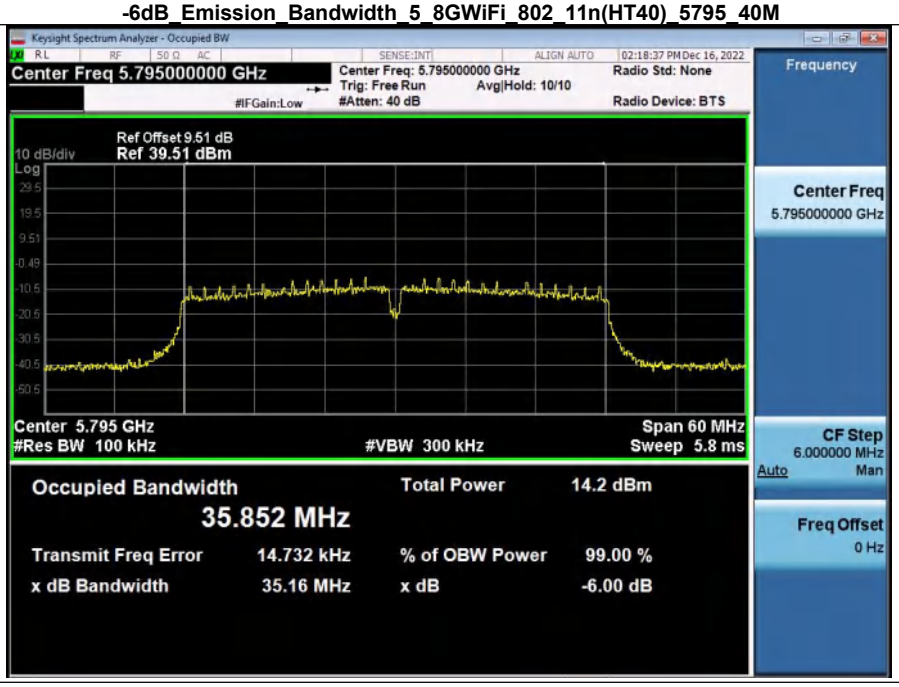

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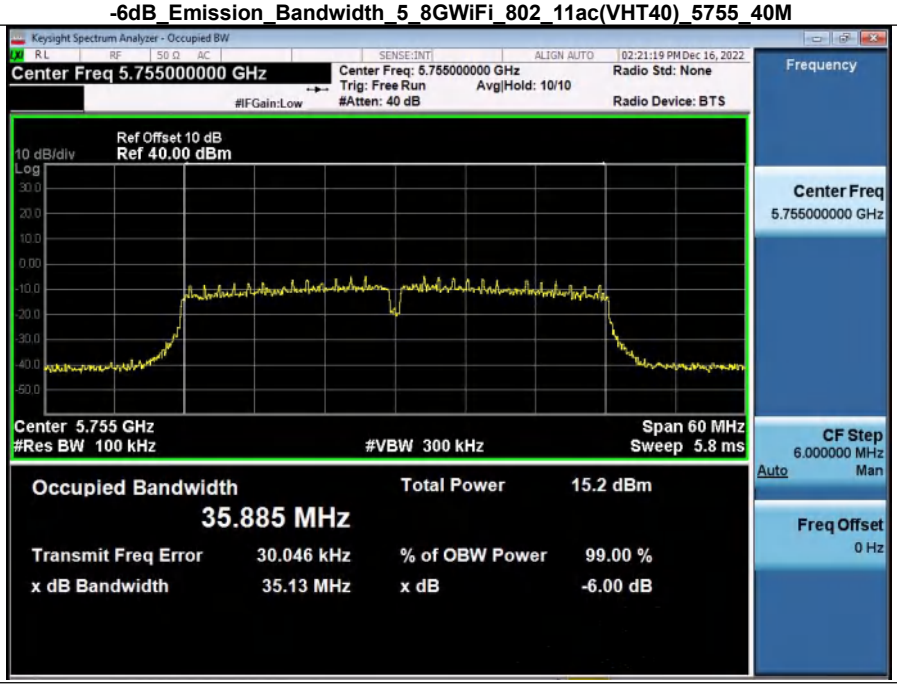

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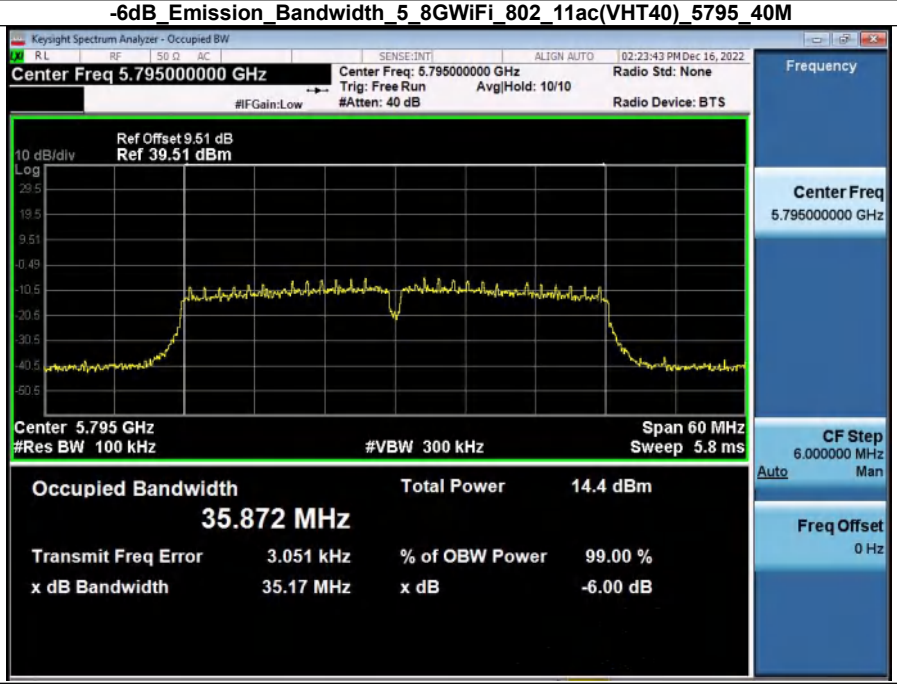

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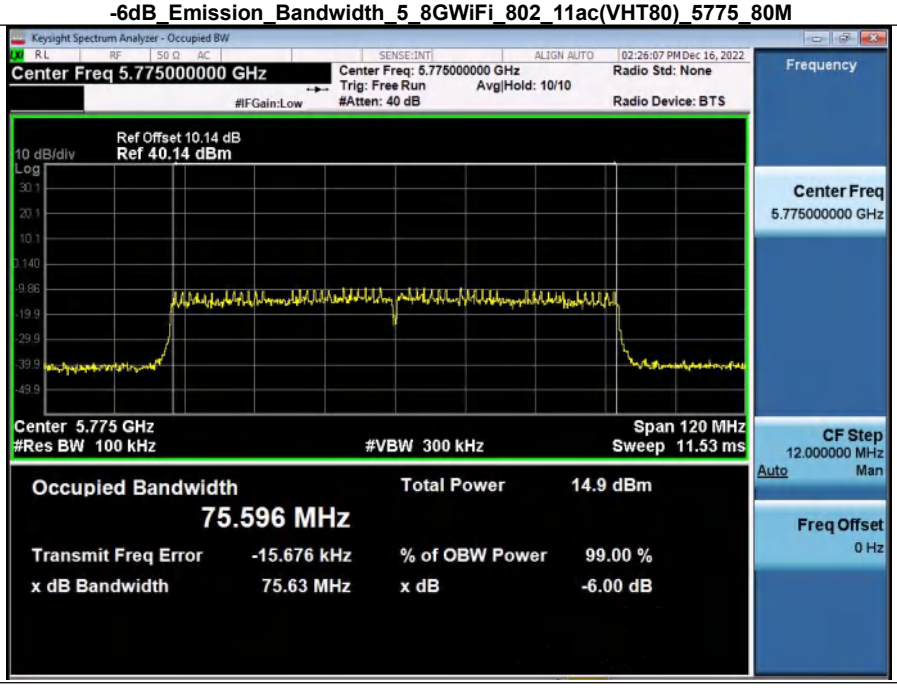
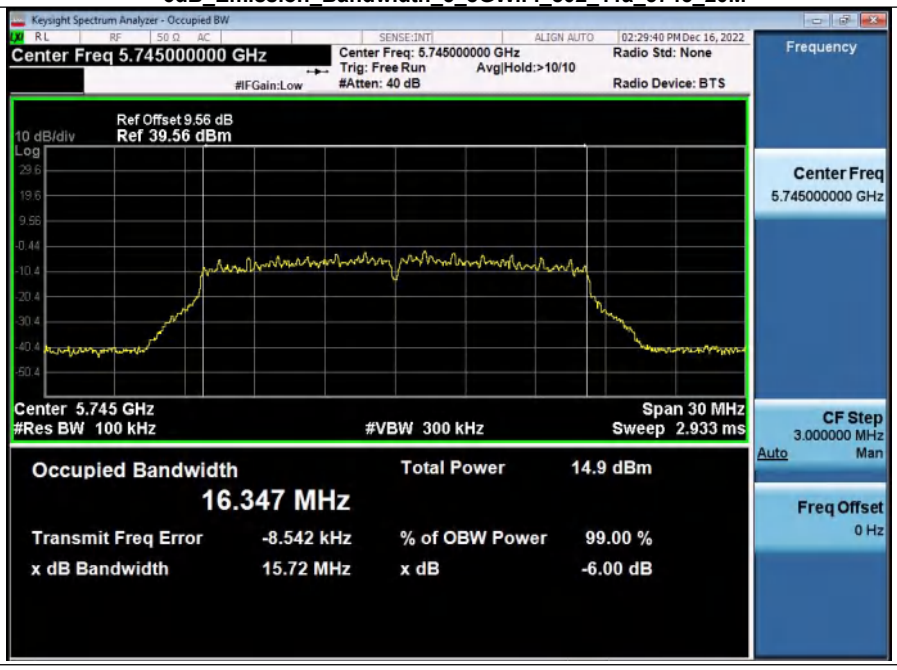


ANT2

-6dB_Emission_Bandwidth_5_8GWiFi_802_11a_5745_20M



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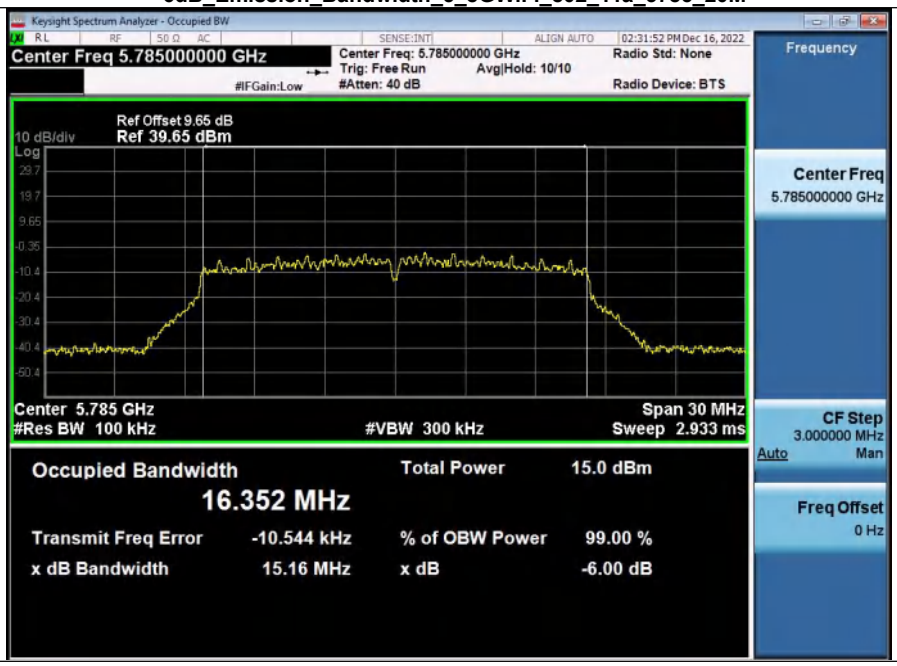

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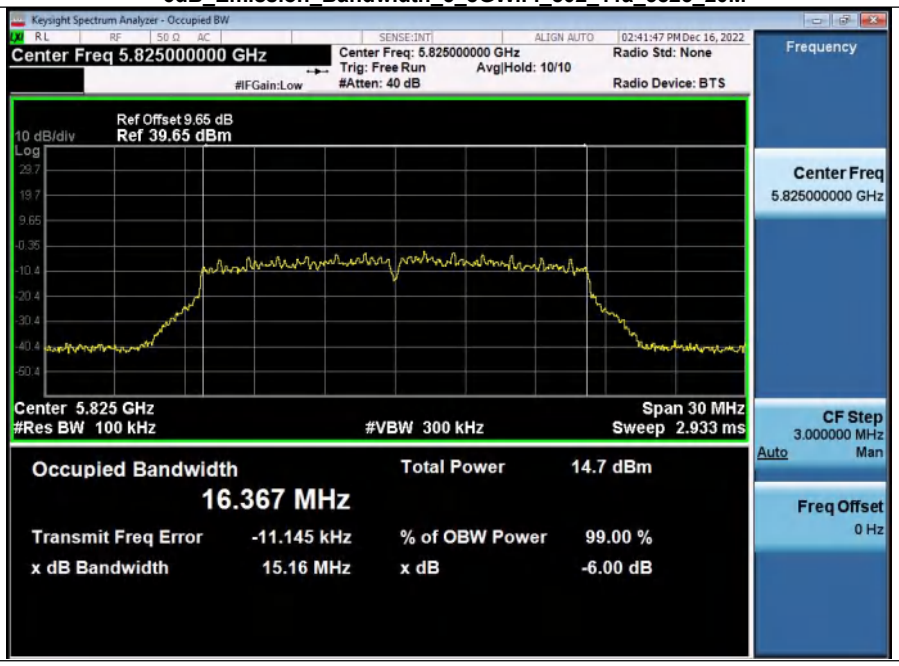
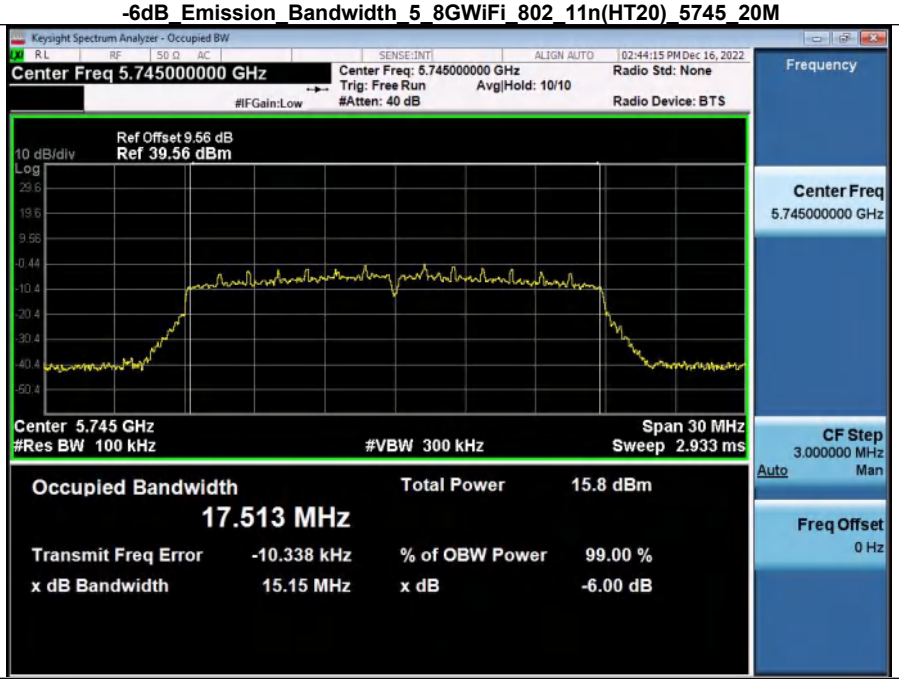


-6dB_Emission_Bandwidth_5_8GWiFi_802_11n(HT20)_5745_20M



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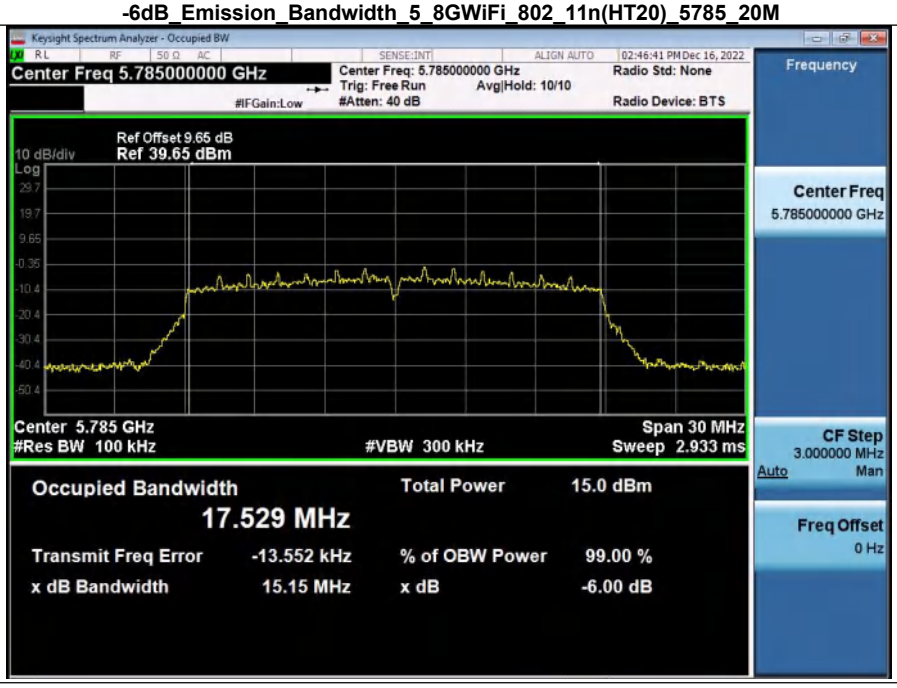

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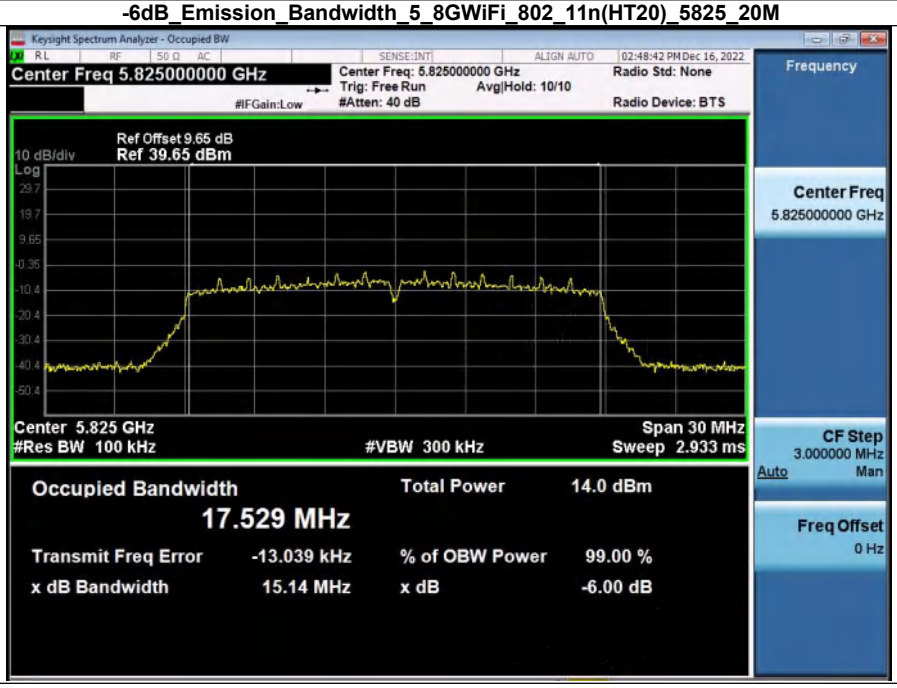

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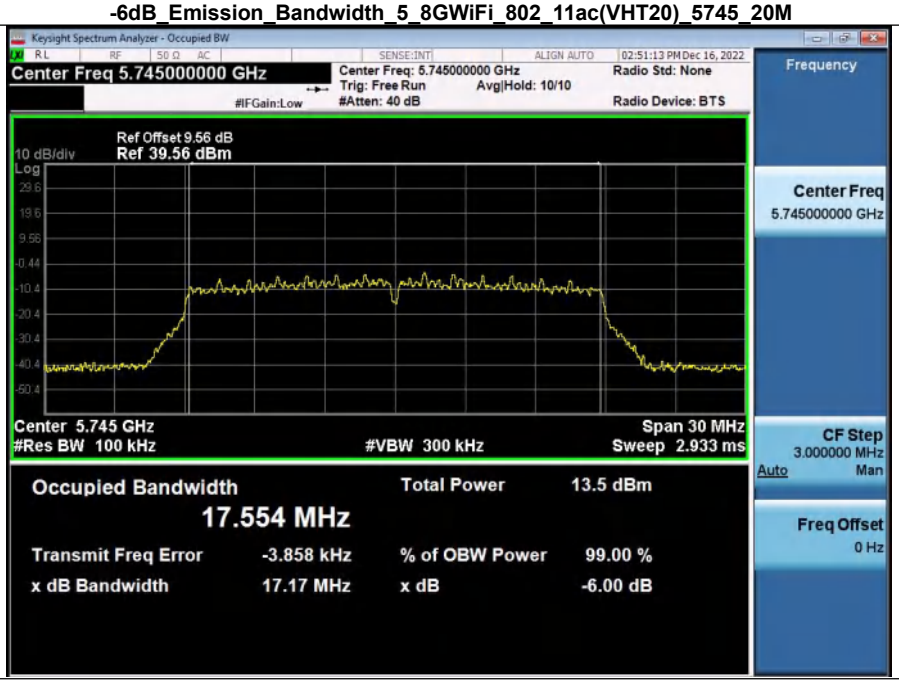

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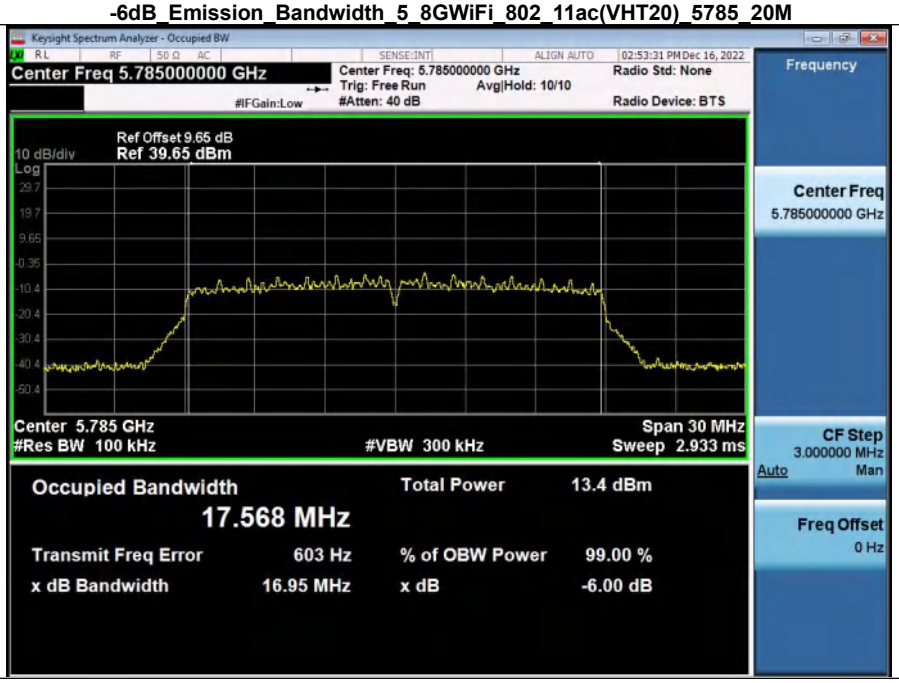

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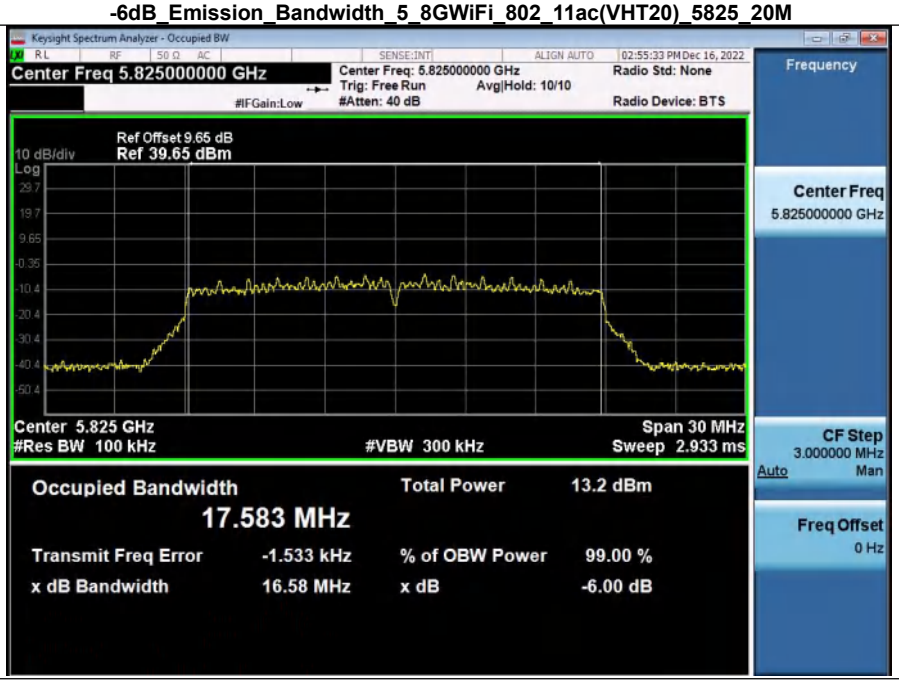

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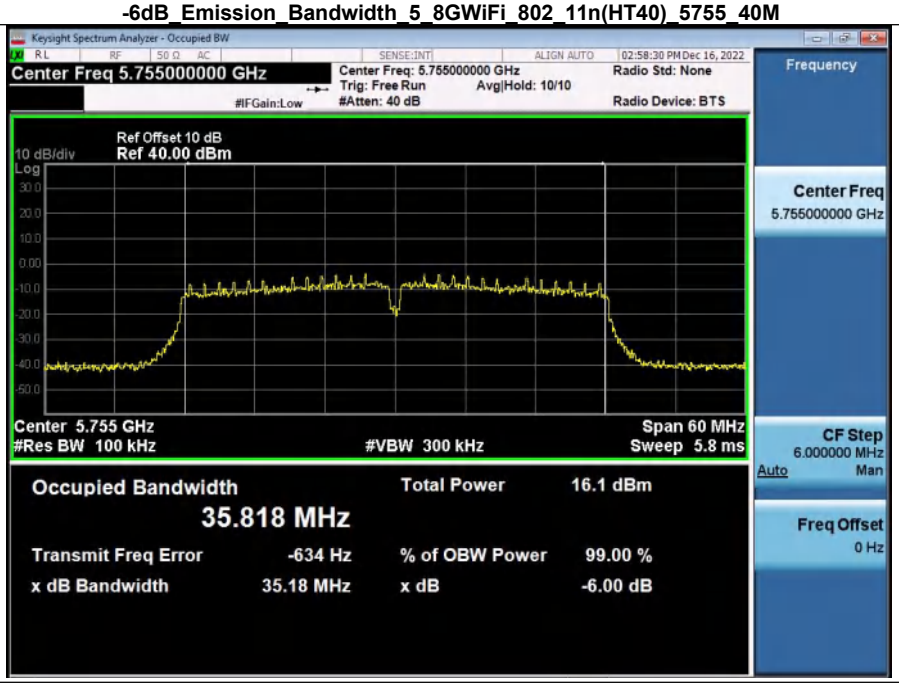

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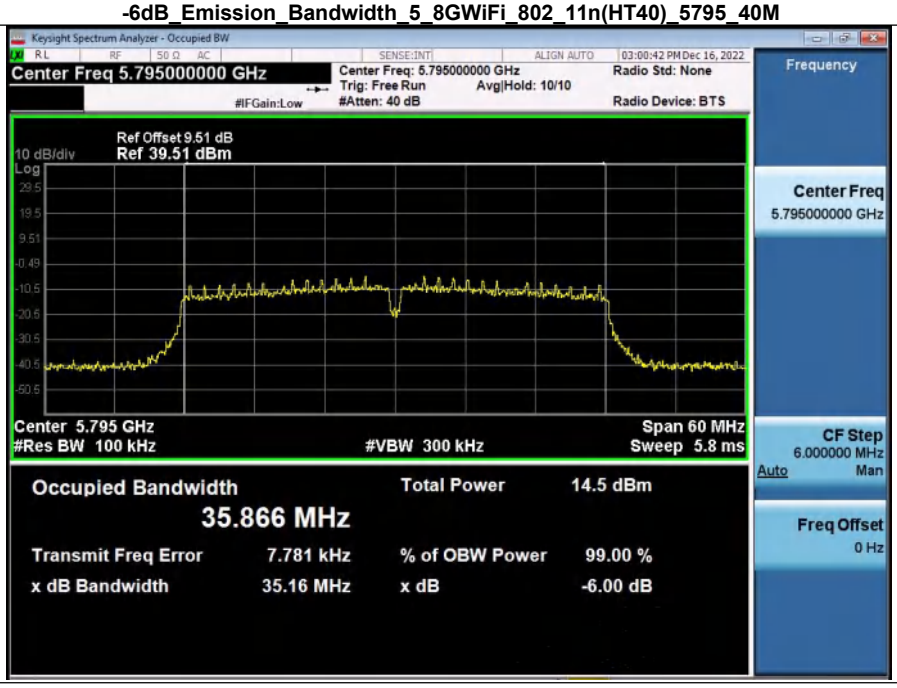

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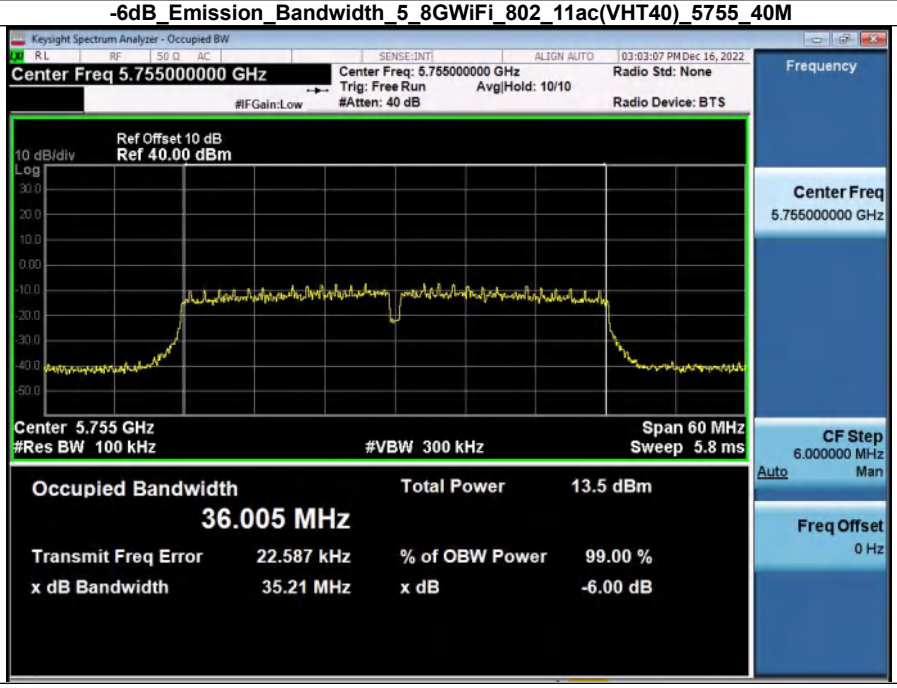

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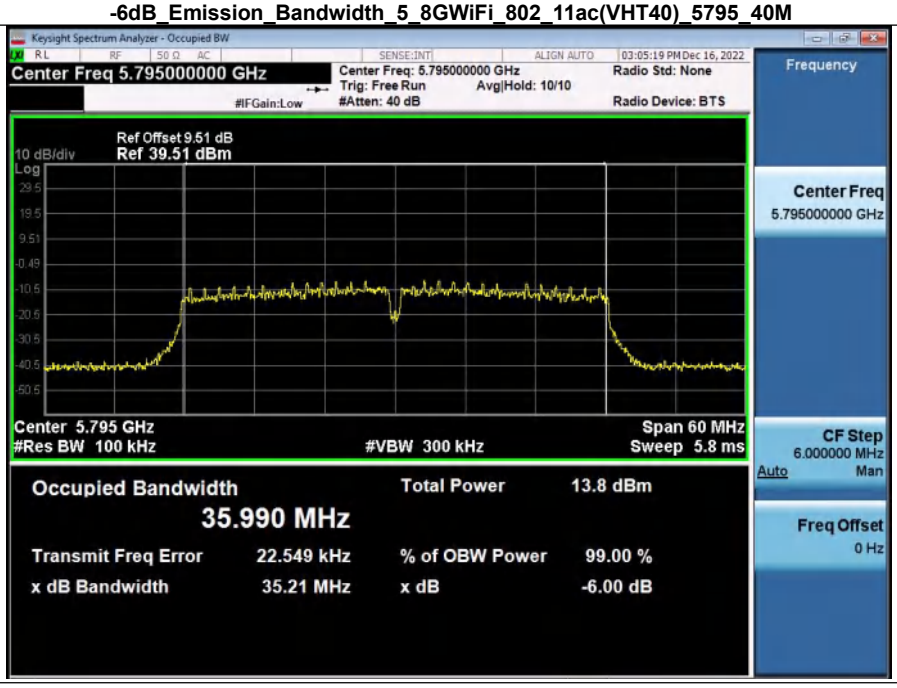

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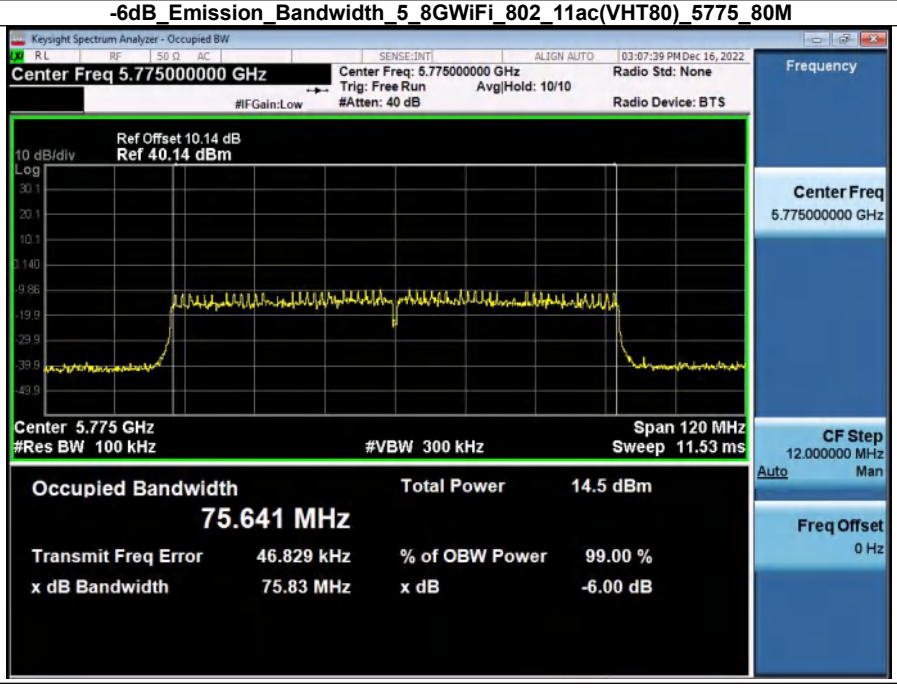
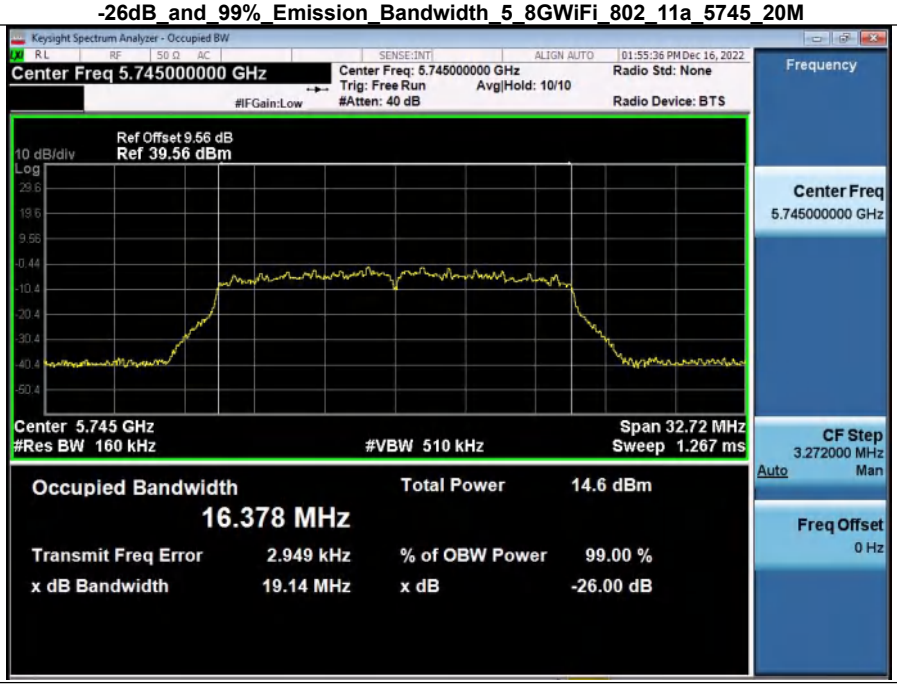


12.2. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	19.14	16.38
NVNT	ANT1	802.11a	5785.00	19.04	16.37
NVNT	ANT1	802.11a	5825.00	19.15	16.36
NVNT	ANT1	802.11n(HT20)	5745.00	19.56	17.51
NVNT	ANT1	802.11n(HT20)	5785.00	19.64	17.53
NVNT	ANT1	802.11n(HT20)	5825.00	19.50	17.53
NVNT	ANT1	802.11ac(VHT20)	5745.00	20.14	17.60
NVNT	ANT1	802.11ac(VHT20)	5785.00	20.06	17.62
NVNT	ANT1	802.11ac(VHT20)	5825.00	20.05	17.62
NVNT	ANT1	802.11n(HT40)	5755.00	40.06	36.04
NVNT	ANT1	802.11n(HT40)	5795.00	40.54	36.07
NVNT	ANT1	802.11ac(VHT40)	5755.00	40.15	36.05
NVNT	ANT1	802.11ac(VHT40)	5795.00	40.93	36.03
NVNT	ANT1	802.11ac(VHT80)	5775.00	123.76	76.09

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT2	802.11a	5745.00	19.10	16.36
NVNT	ANT2	802.11a	5785.00	19.16	16.38
NVNT	ANT2	802.11a	5825.00	19.12	16.38
NVNT	ANT2	802.11n(HT20)	5745.00	19.56	17.50
NVNT	ANT2	802.11n(HT20)	5785.00	19.61	17.53
NVNT	ANT2	802.11n(HT20)	5825.00	19.66	17.55
NVNT	ANT2	802.11ac(VHT20)	5745.00	20.14	17.60
NVNT	ANT2	802.11ac(VHT20)	5785.00	20.03	17.62
NVNT	ANT2	802.11ac(VHT20)	5825.00	19.98	17.61
NVNT	ANT2	802.11n(HT40)	5755.00	39.98	36.00
NVNT	ANT2	802.11n(HT40)	5795.00	40.39	36.05
NVNT	ANT2	802.11ac(VHT40)	5755.00	40.93	36.18
NVNT	ANT2	802.11ac(VHT40)	5795.00	40.90	36.16
NVNT	ANT2	802.11ac(VHT80)	5775.00	120.70	76.15

-26dB_and_99%_Emission_Bandwidth_5_8GWiFi_802_11a_5745_20M



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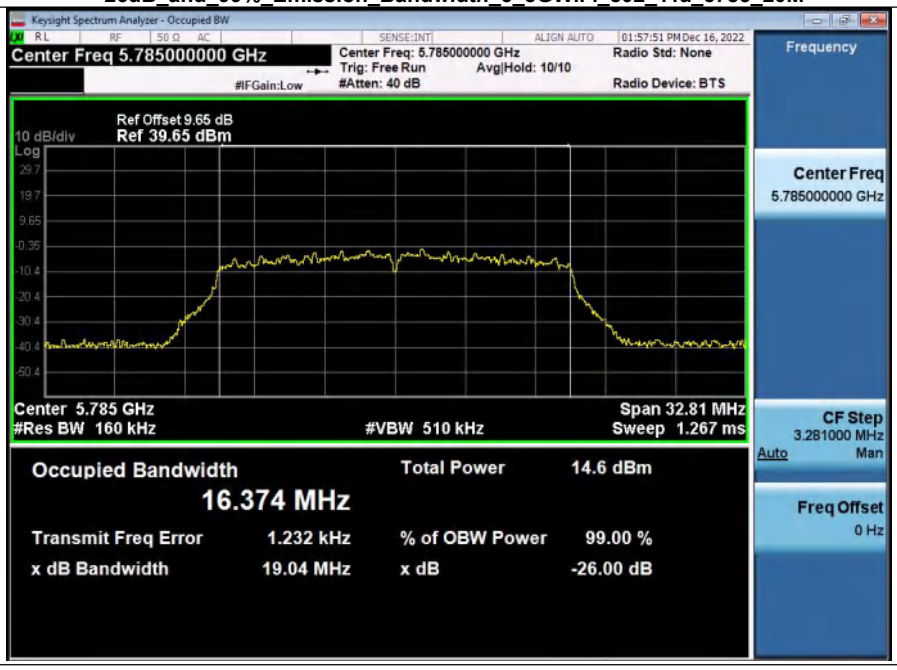

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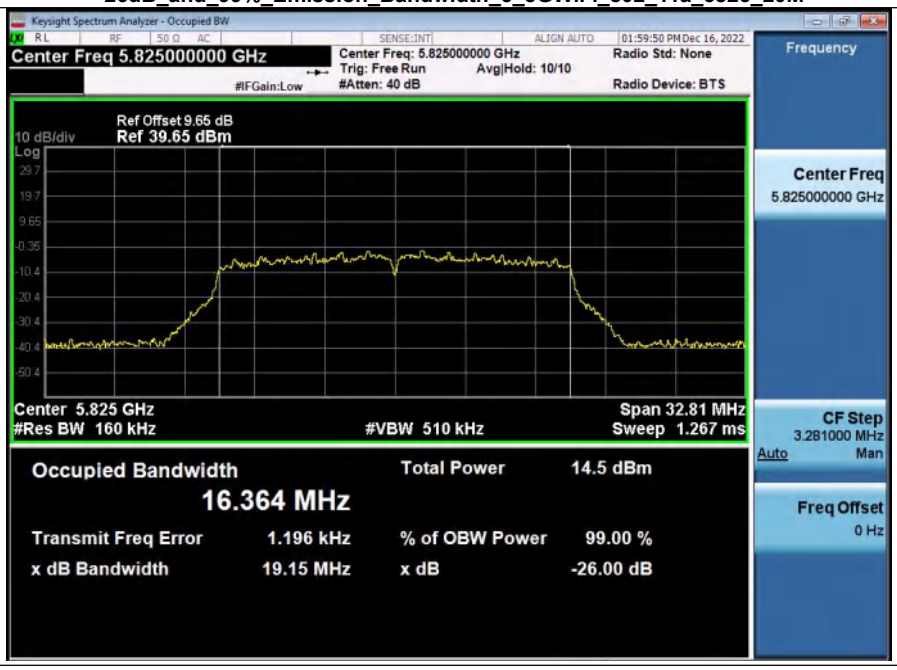

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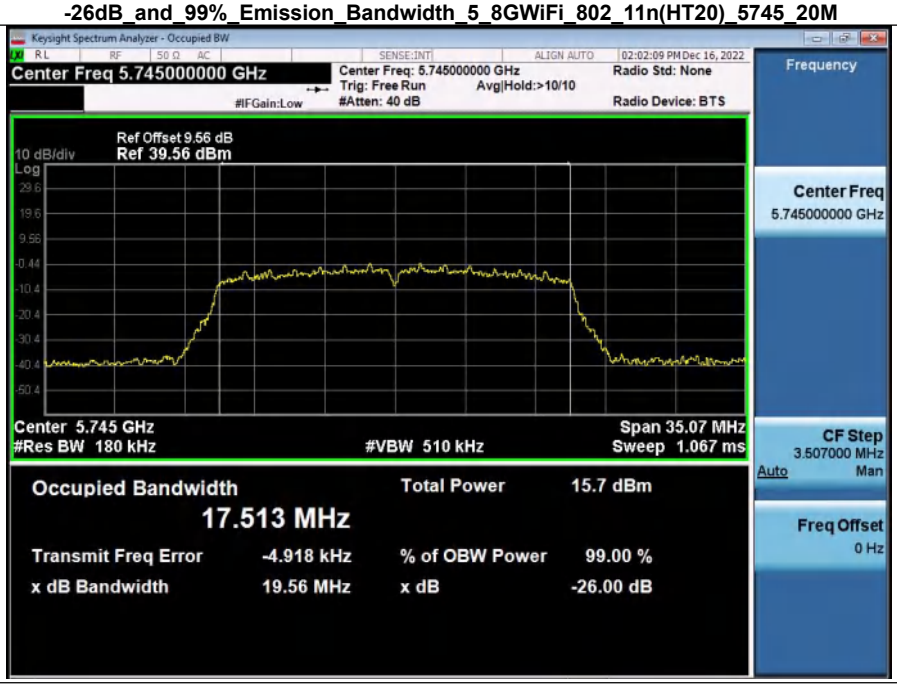

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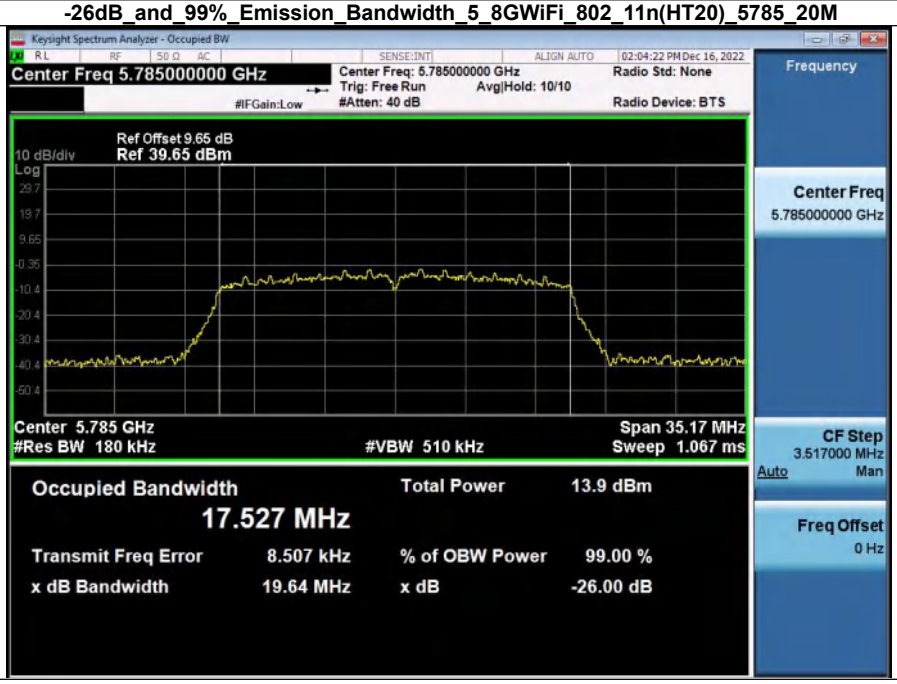

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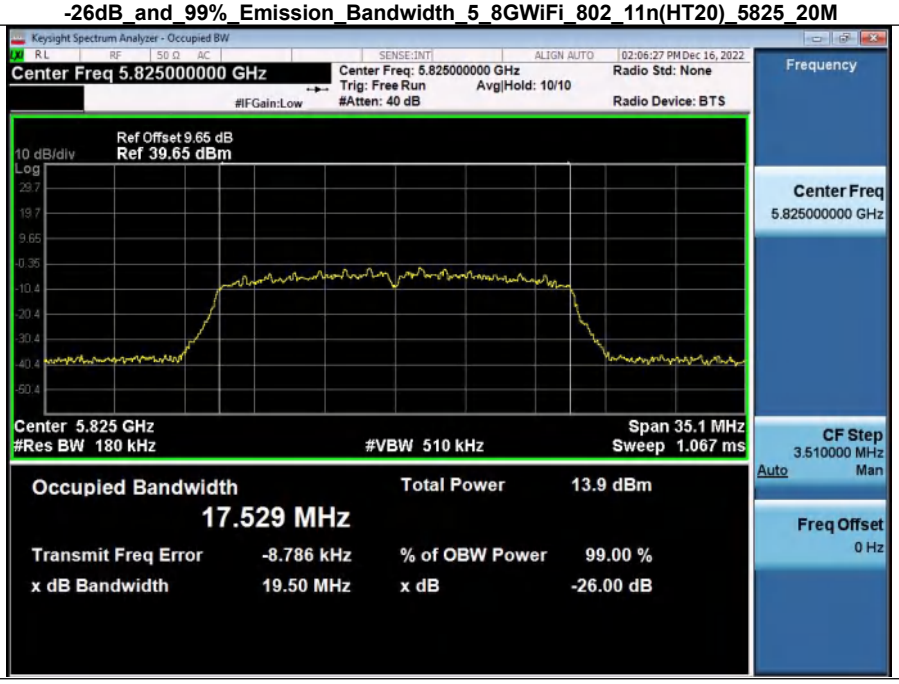

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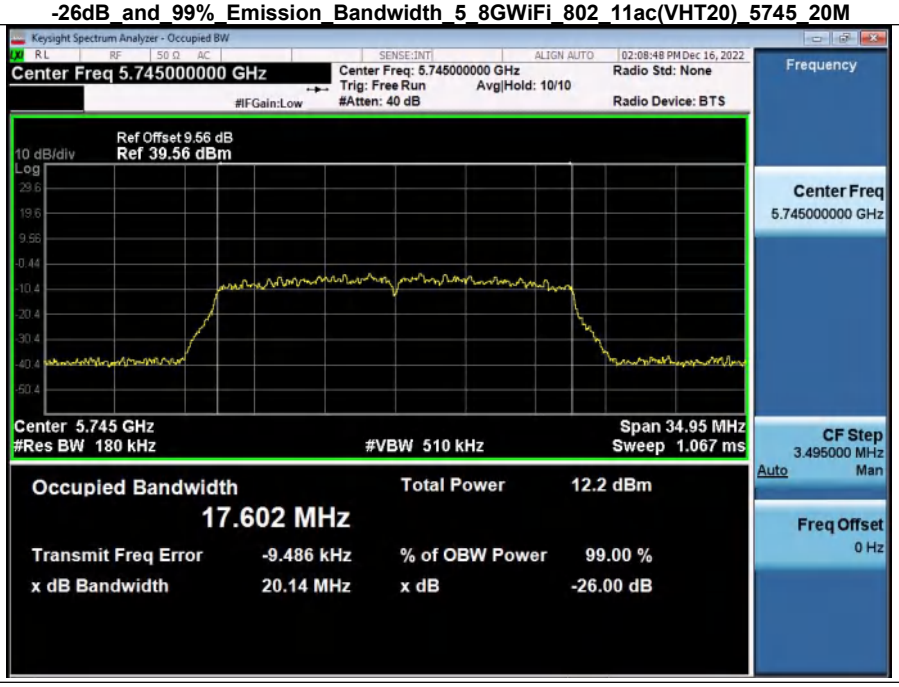

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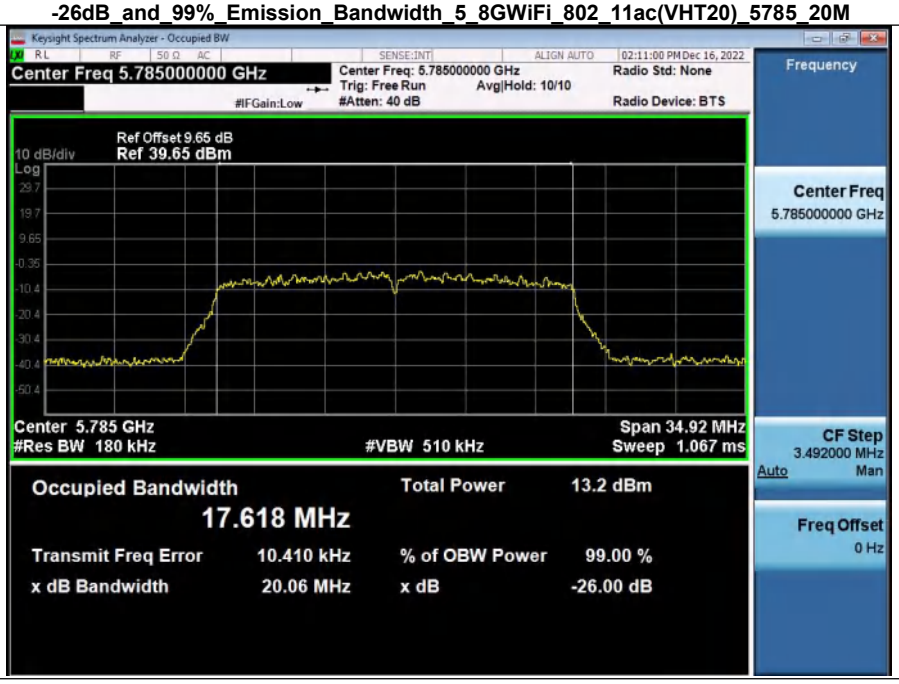

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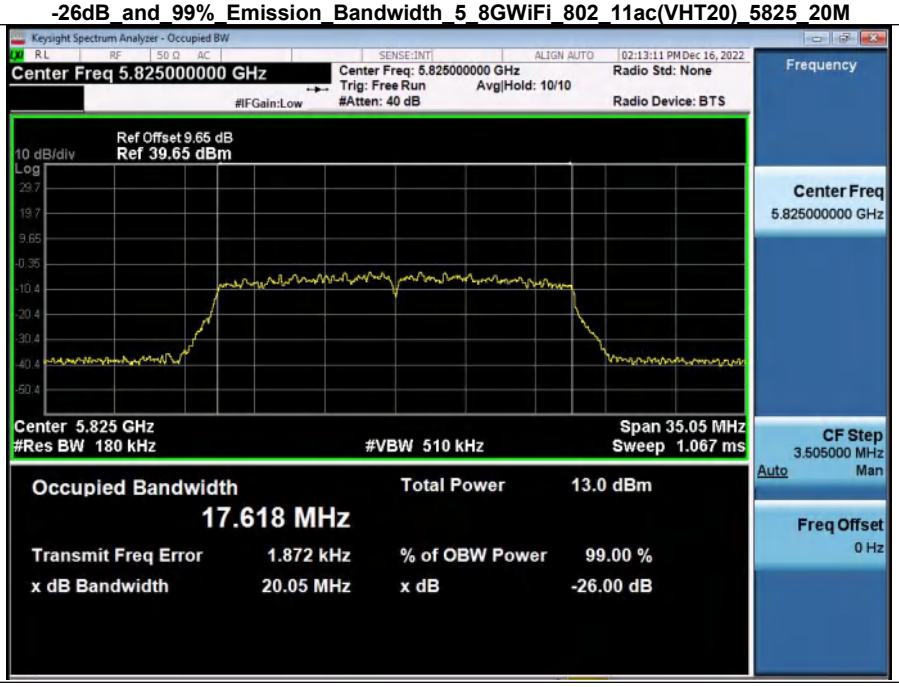

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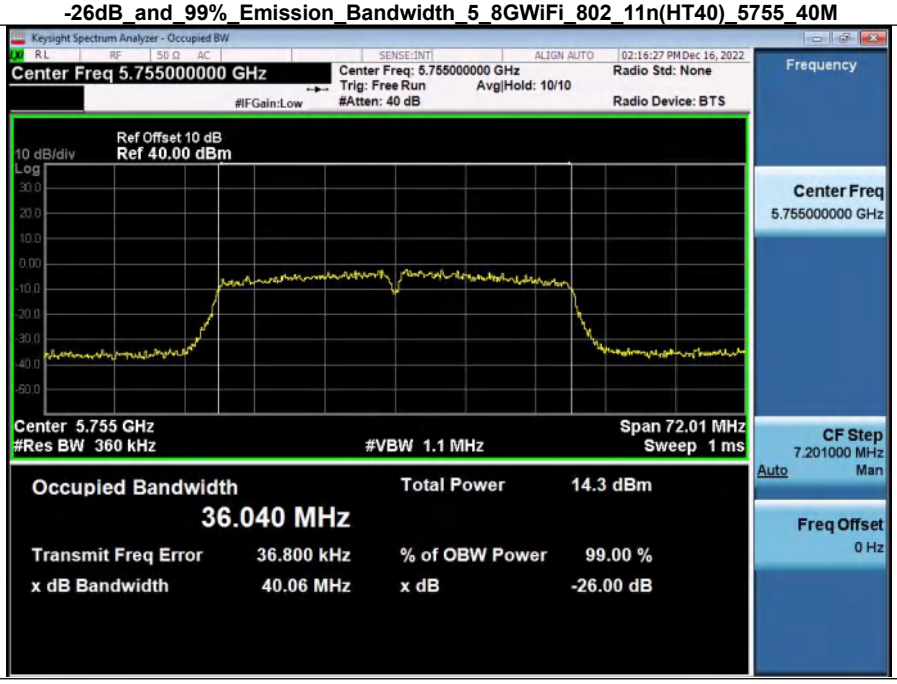

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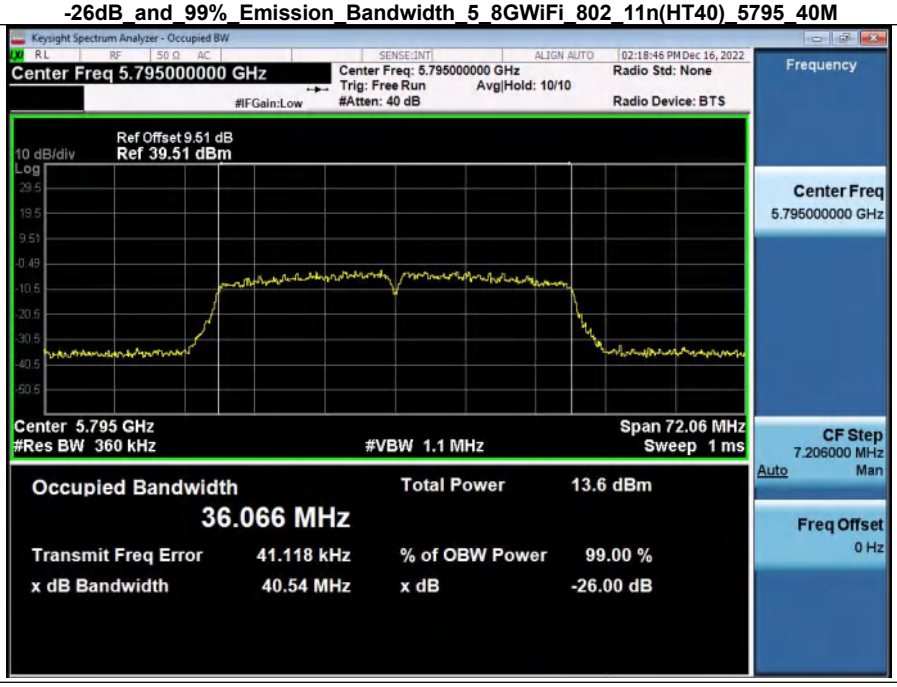

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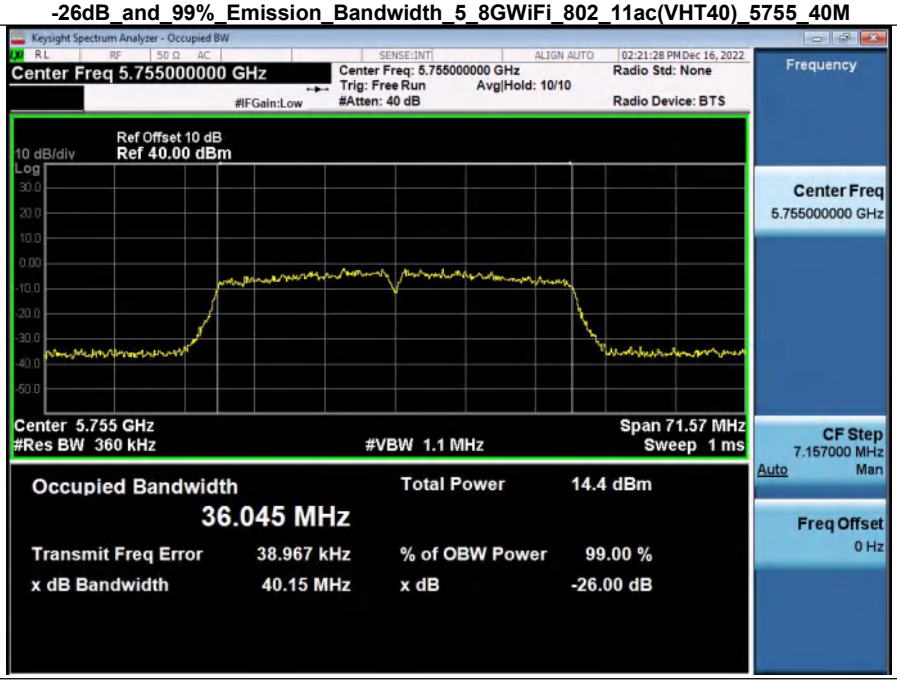

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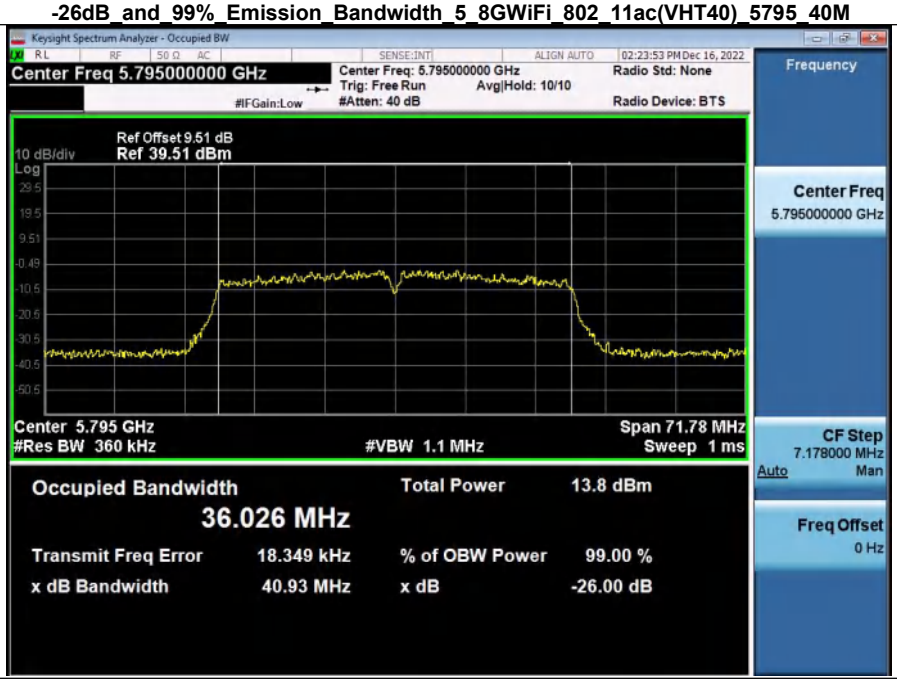

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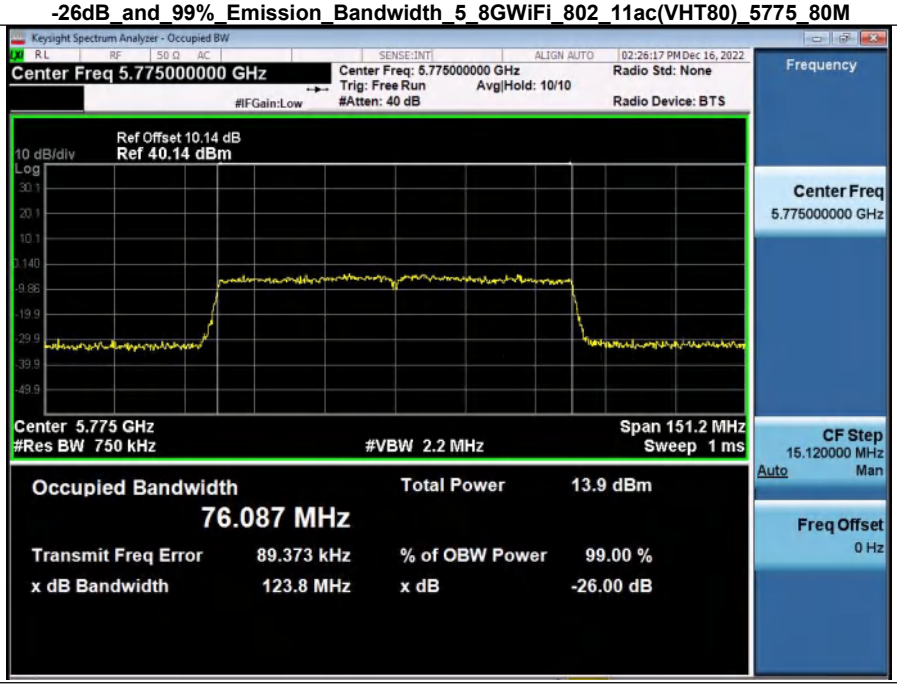

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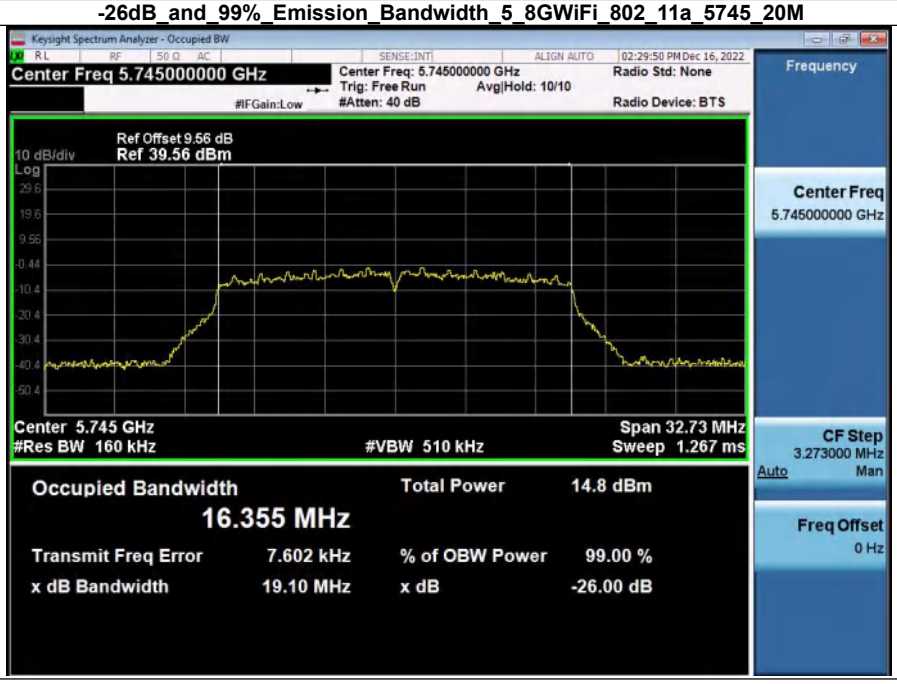
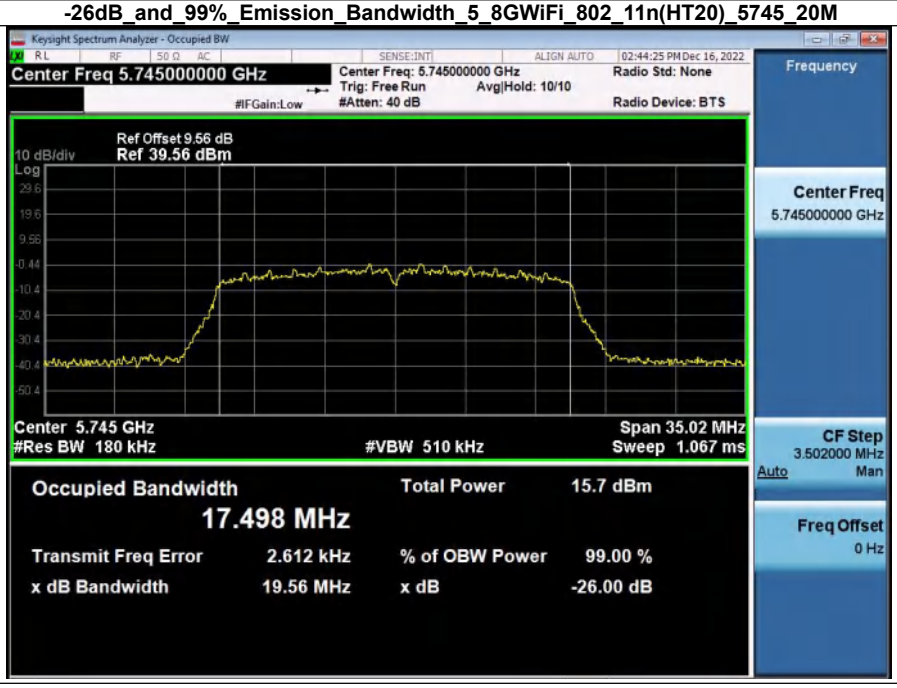


-26dB_and_99%_Emission_Bandwidth_5_8GWiFi_802_11a_5785_20M

-26dB_and_99%_Emission_Bandwidth_5_8GWiFi_802_11a_5825_20M

-26dB_and_99%_Emission_Bandwidth_5_8GWiFi_802_11n(HT20)_5745_20M



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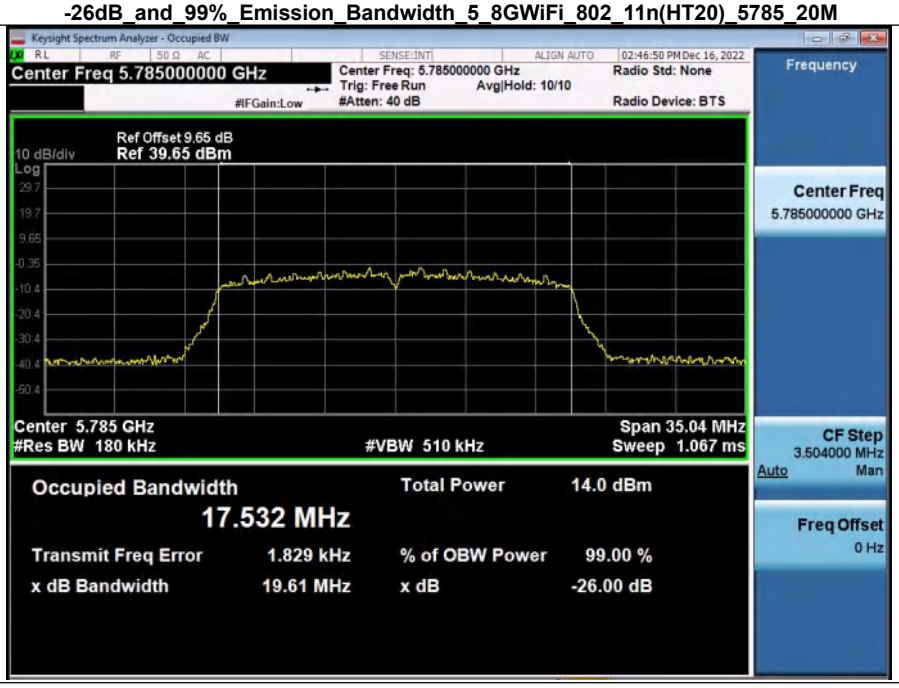
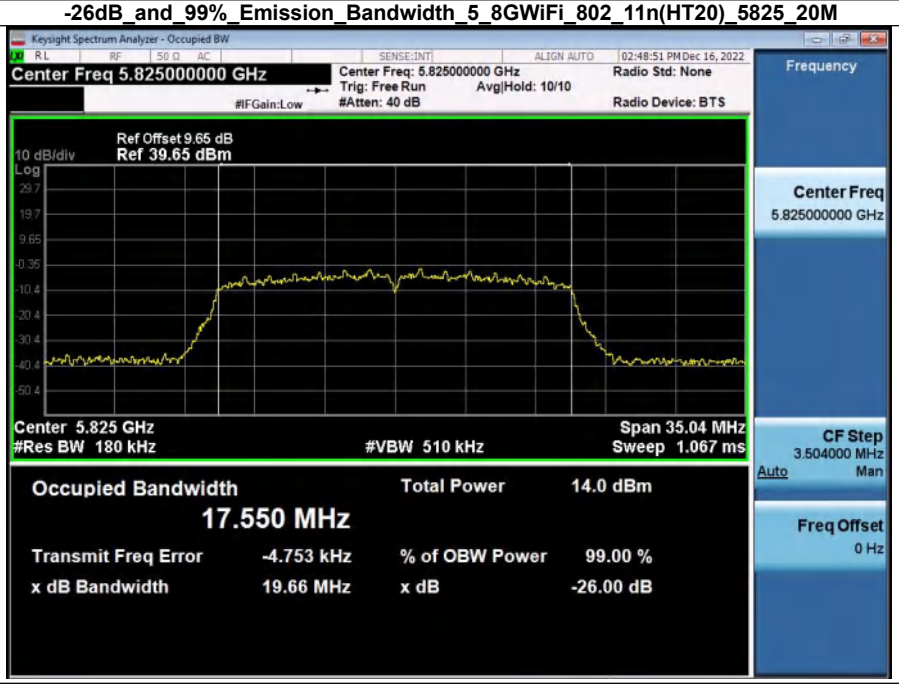
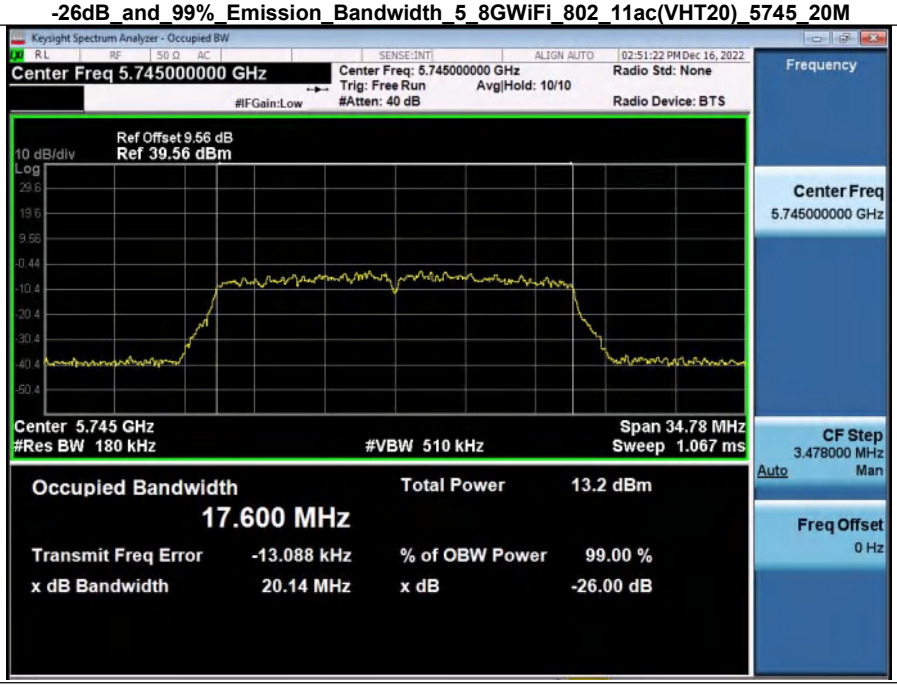


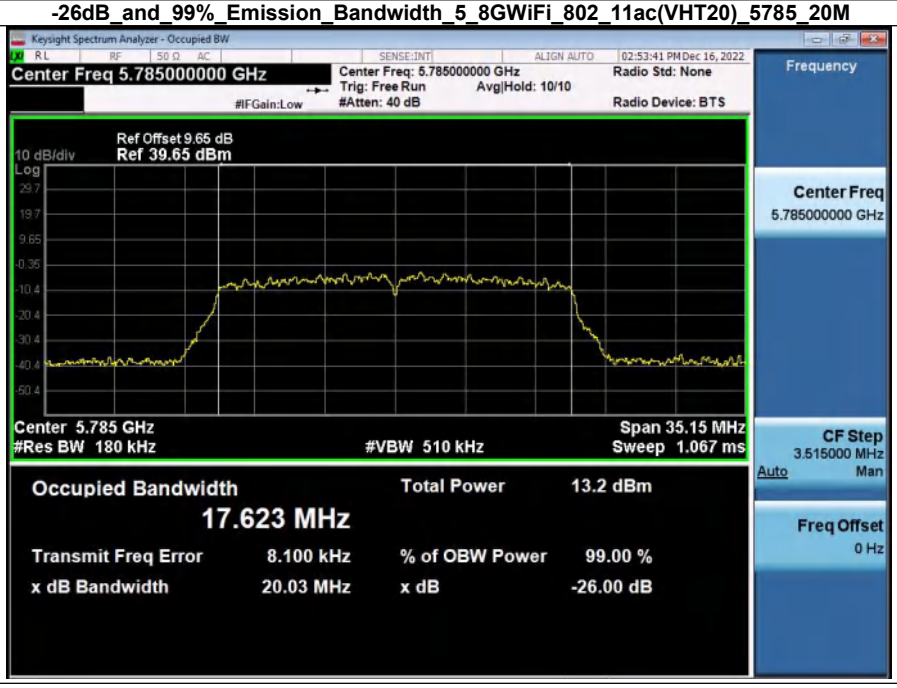
-26dB_and_99%_Emission_Bandwidth_5_8GWiFi_802_11n(HT20)_5825_20M



-26dB_and_99%_Emission_Bandwidth_5_8GWiFi_802_11ac(VHT20)_5745_20M



-26dB_and_99%_Emission_Bandwidth_5_8GWiFi_802_11ac(VHT20)_5785_20M



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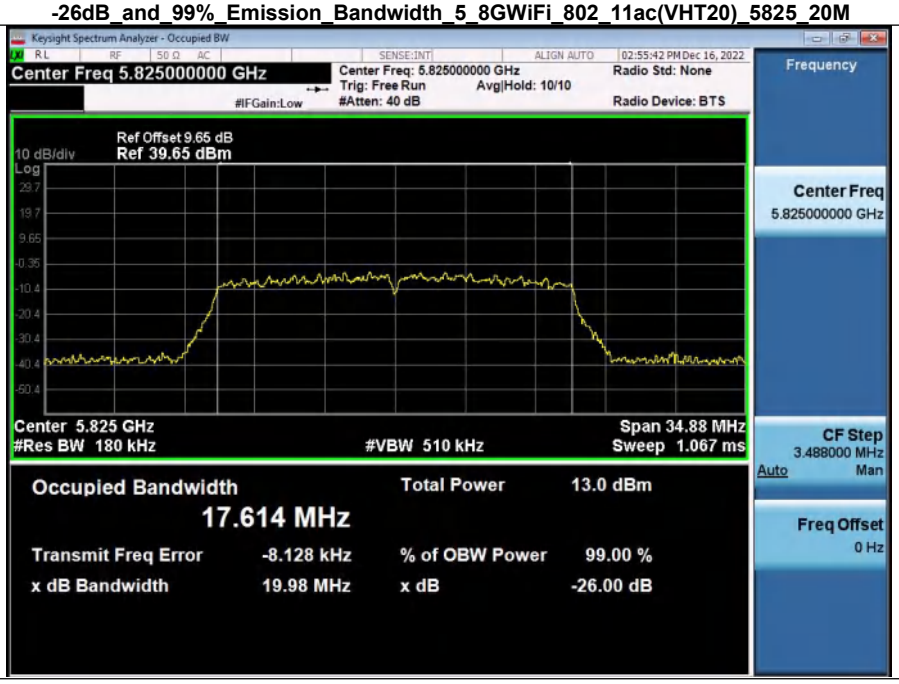
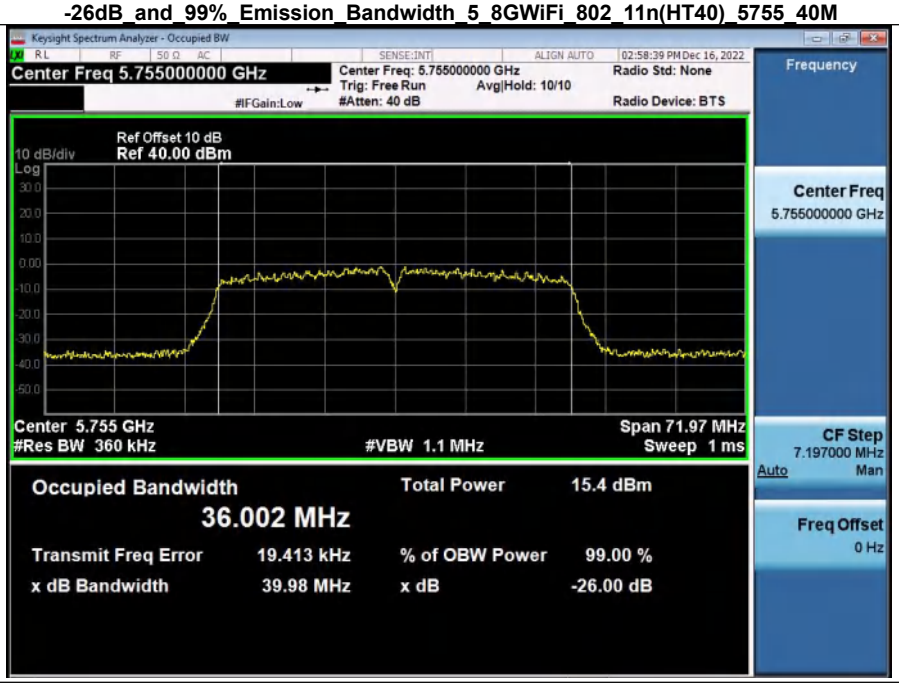


-26dB_and_99%_Emission_Bandwidth_5_8GWiFi_802_11n(HT40)_5755_40M



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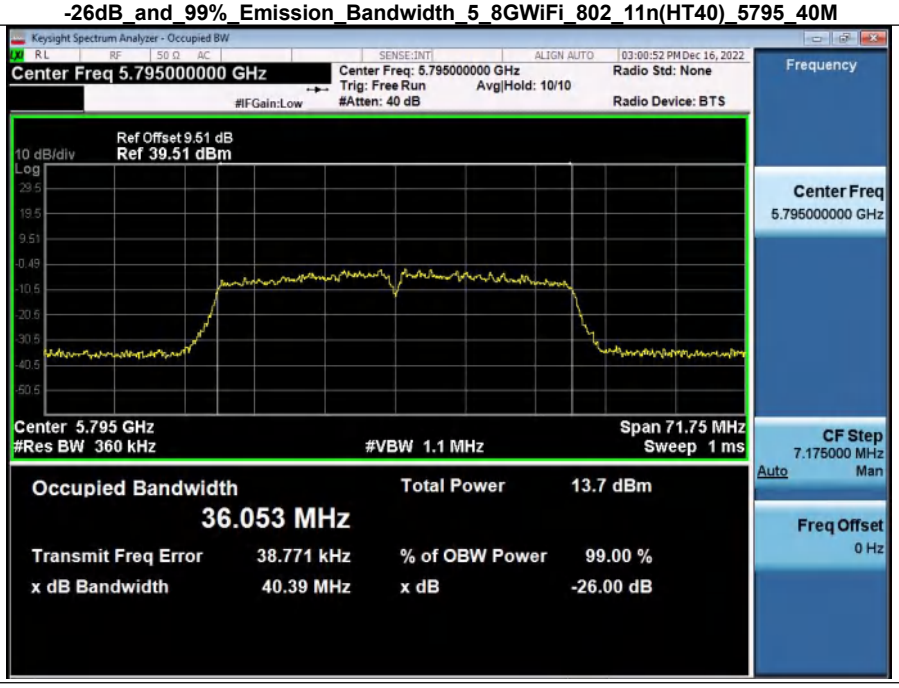
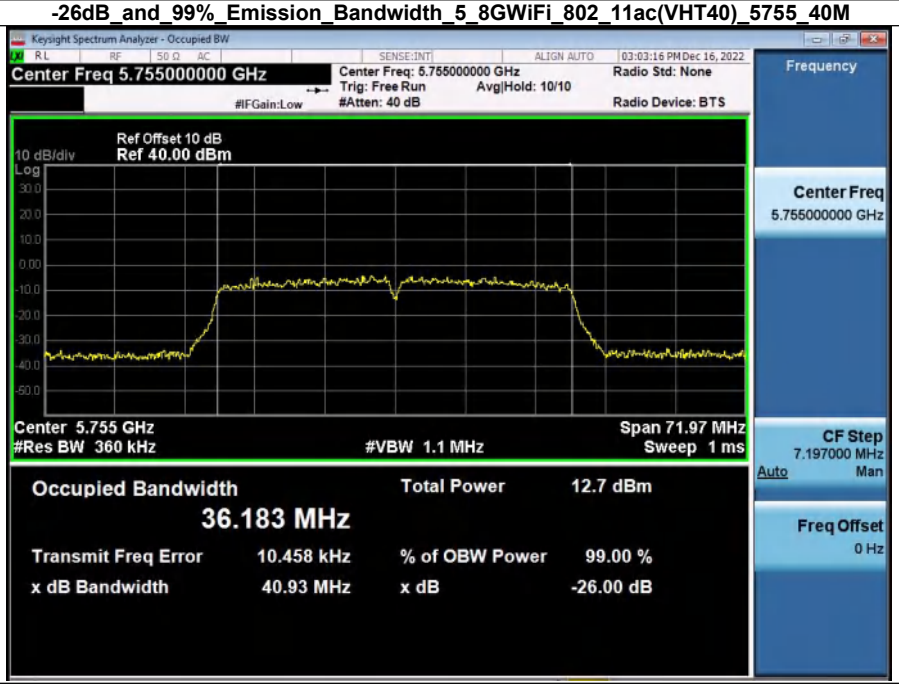
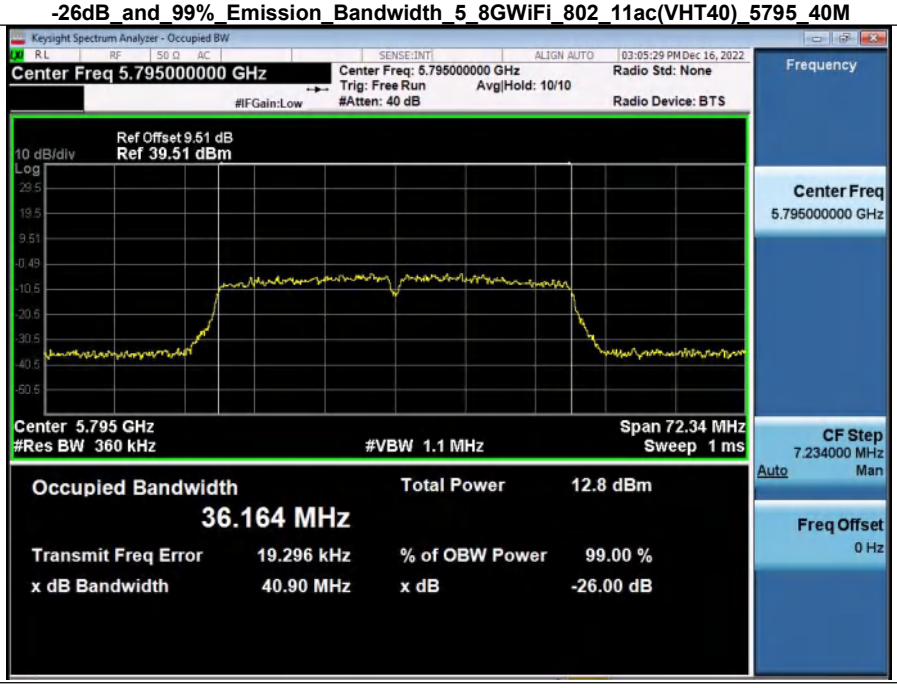


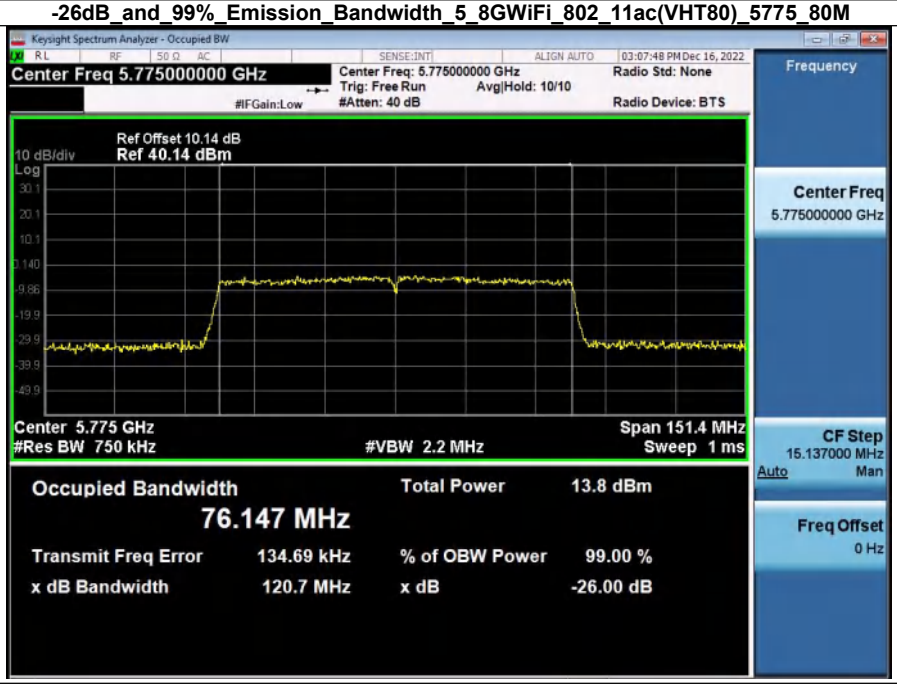
-26dB_and_99%_Emission_Bandwidth_5_8GWiFi_802_11ac(VHT40)_5755_40M



-26dB_and_99%_Emission_Bandwidth_5_8GWiFi_802_11ac(VHT40)_5795_40M



-26dB_and_99%_Emission_Bandwidth_5_8GWiFi_802_11ac(VHT80)_5775_80M



12.3. Maximum Conducted Output Power

Condition	Modulation	Frequency (MHz)	Conducted Power(dBm)		Conducted Power(dBm) MIMO	limit(dBm)	Result
			ANT1	ANT2			
NVNT	802.11a	5745.00	13.46	13.57	/	30	Pass
NVNT	802.11a	5785.00	13.43	13.49	/	30	Pass
NVNT	802.11a	5825.00	13.18	13.11	/	30	Pass
NVNT	802.11n(HT20)	5745.00	14.47	14.50	17.50	30	Pass
NVNT	802.11n(HT20)	5785.00	12.58	12.62	15.61	30	Pass
NVNT	802.11n(HT20)	5825.00	12.44	12.57	15.52	30	Pass
NVNT	802.11ac(VHT20)	5745.00	10.77	11.86	14.36	30	Pass
NVNT	802.11ac(VHT20)	5785.00	11.76	11.77	14.78	30	Pass
NVNT	802.11ac(VHT20)	5825.00	11.64	11.64	14.65	30	Pass
NVNT	802.11n(HT40)	5755.00	12.93	12.87	15.91	30	Pass
NVNT	802.11n(HT40)	5795.00	12.38	12.48	15.44	30	Pass
NVNT	802.11ac(VHT40)	5755.00	13.02	12.46	15.76	30	Pass
NVNT	802.11ac(VHT40)	5795.00	12.33	11.80	15.08	30	Pass
NVNT	802.11ac(VHT80)	5775.00	12.15	12.24	15.21	30	Pass

12.4. Power Spectral Density

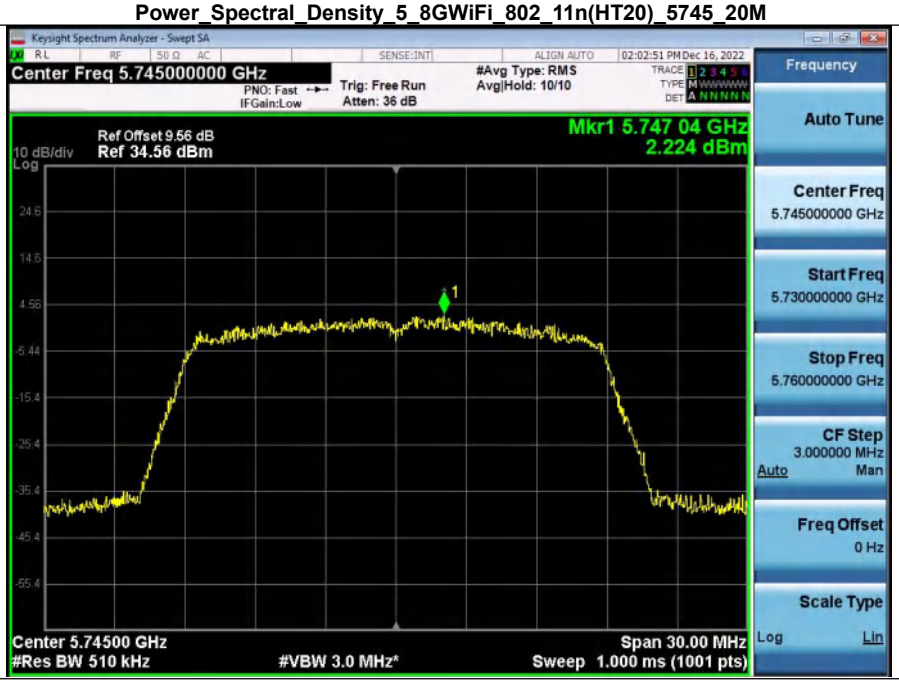
Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA(dBm)		PSD_SA(dBm) MIMO	limit(dBm)	Result
				ANT1	ANT2			
NVNT	ANT1	802.11a	5745.00	2.043	1.741	/	30	Pass
NVNT	ANT1	802.11a	5785.00	1.741	1.396	/	30	Pass
NVNT	ANT1	802.11a	5825.00	1.771	1.487	/	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	2.224	2.081	5.16	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	0.420	0.807	3.63	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	0.473	1.477	4.01	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	-1.218	-0.011	2.44	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	-0.152	-0.069	2.90	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	-0.572	-0.263	2.60	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-2.000	-1.819	1.10	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-1.977	-2.071	0.99	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-2.006	-3.192	0.45	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	-2.322	-3.623	0.09	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	-5.834	-6.558	-3.17	30	Pass

Power_Spectral_Density_5_8GWiFi_802_11a_5745_20M

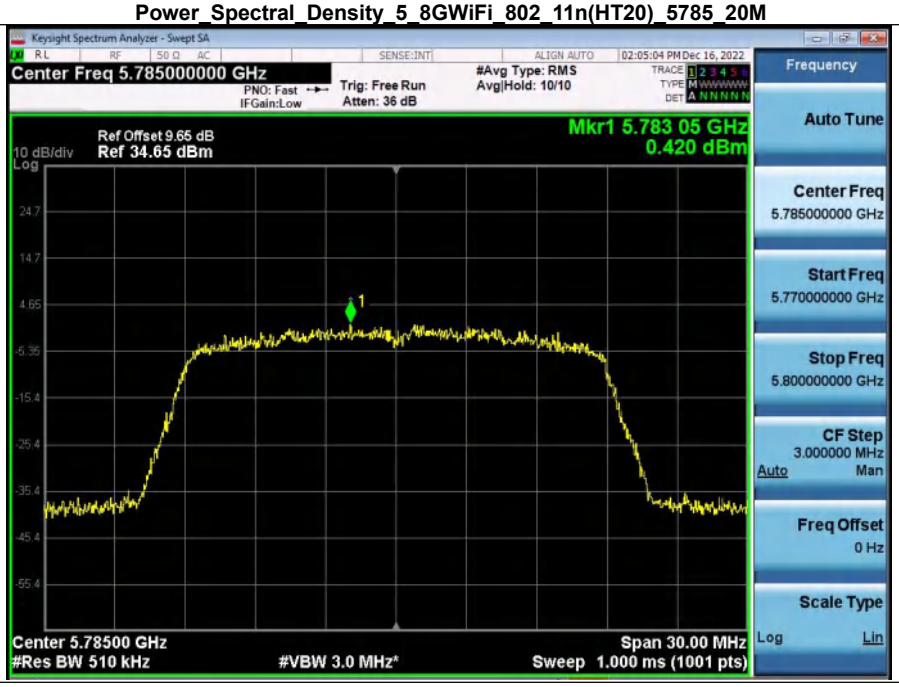
Power_Spectral_Density_5_8GWiFi_802_11a_5785_20M

Power_Spectral_Density_5_8GWiFi_802_11a_5825_20M

Power_Spectral_Density_5_8GWiFi_802_11n(HT20)_5745_20M

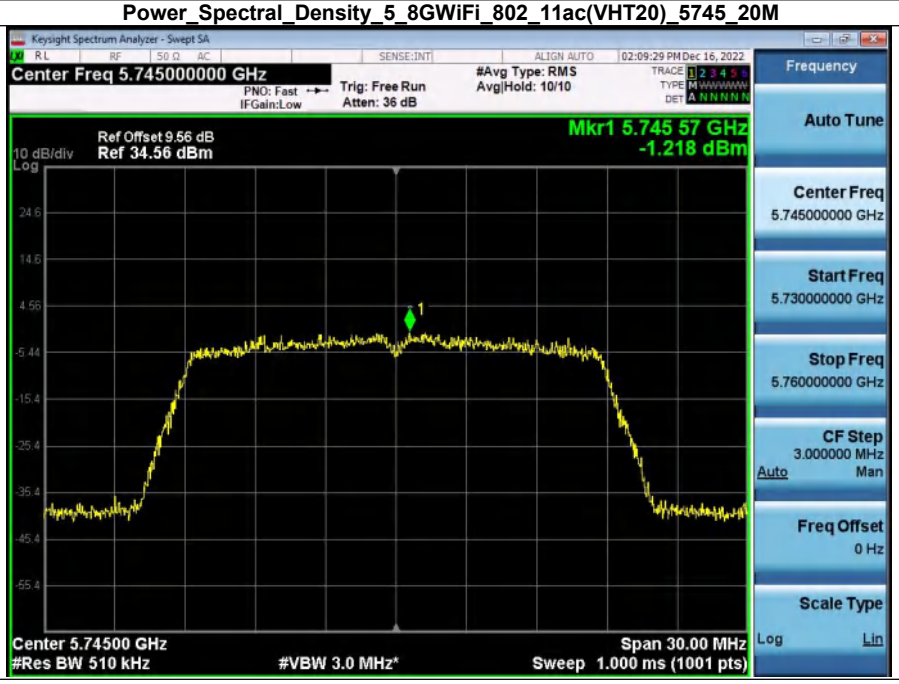


Power_Spectral_Density_5_8GWiFi_802_11n(HT20)_5785_20M

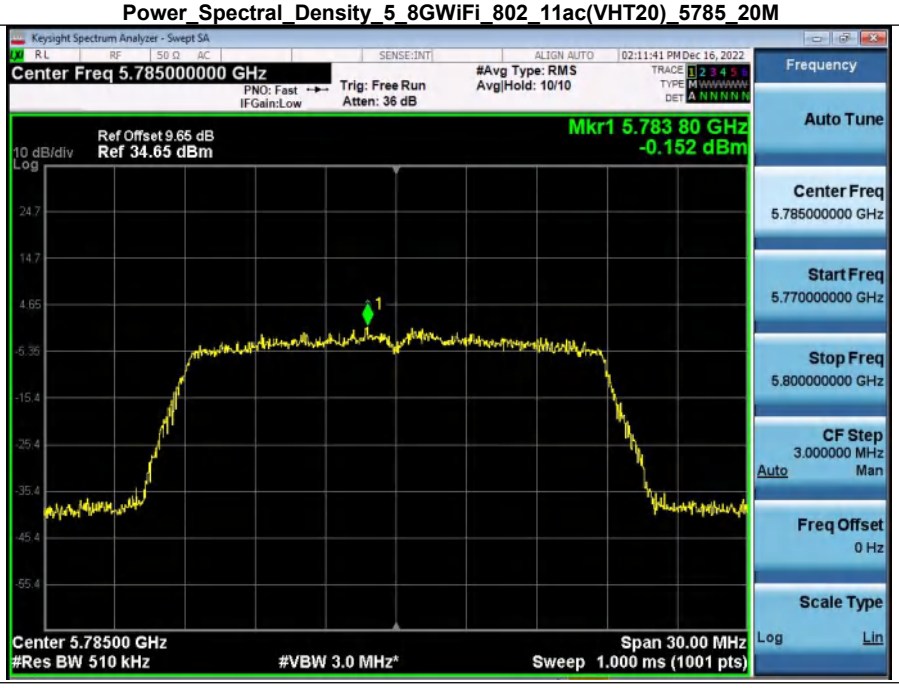


Power_Spectral_Density_5_8GWiFi_802_11n(HT20)_5825_20M

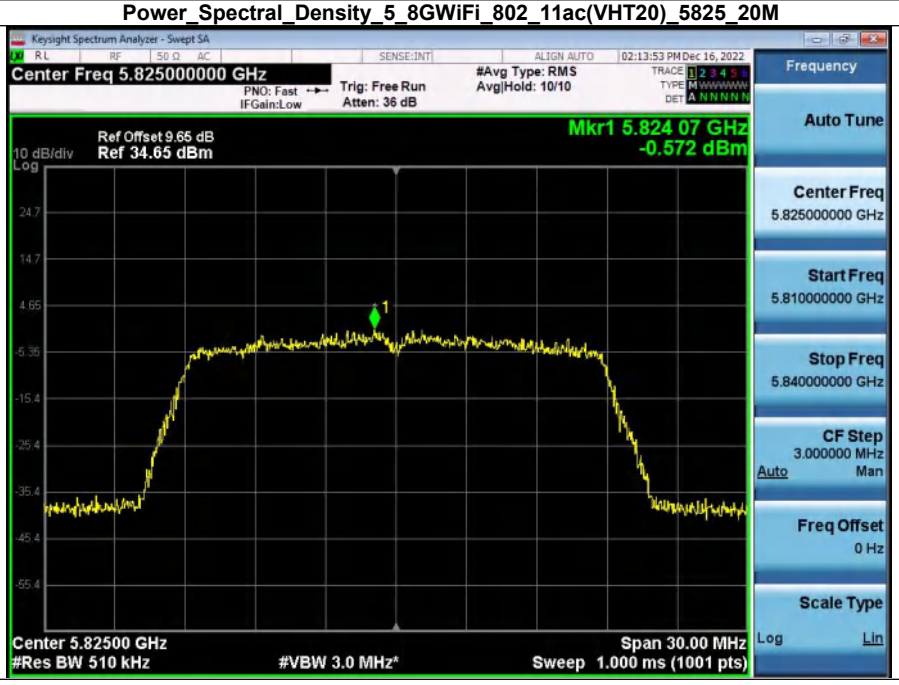
Power_Spectral_Density_5_8GWiFi_802_11ac(VHT20)_5745_20M



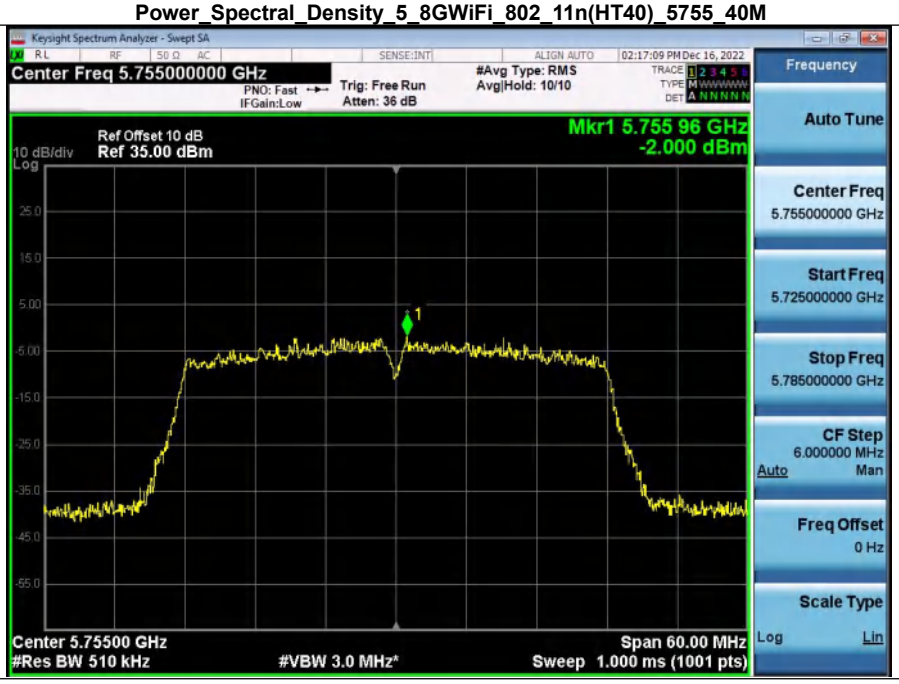
Power_Spectral_Density_5_8GWiFi_802_11ac(VHT20)_5785_20M



Power_Spectral_Density_5_8GWiFi_802_11ac(VHT20)_5825_20M

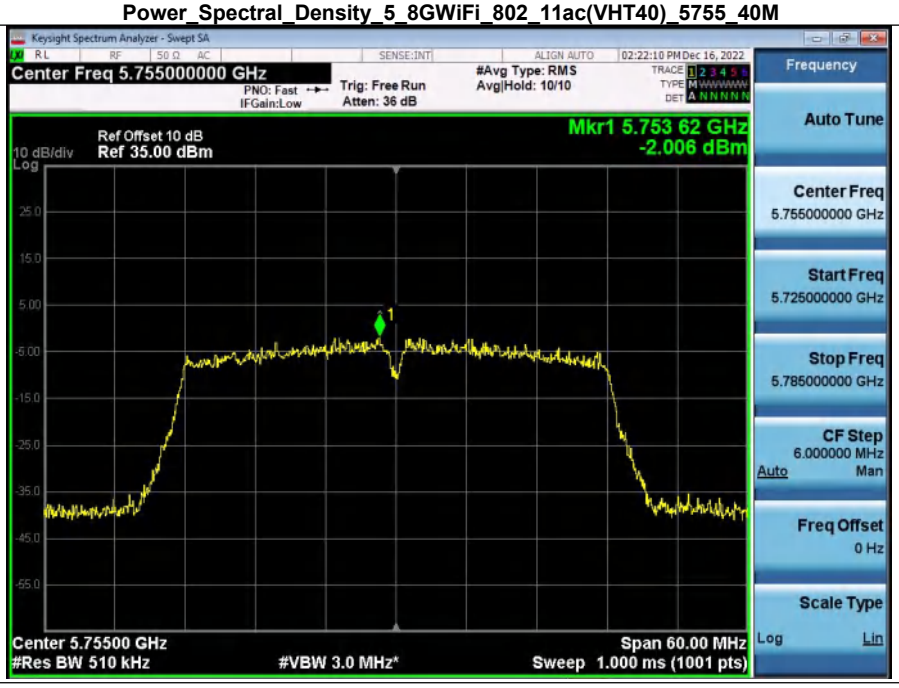


Power_Spectral_Density_5_8GWiFi_802_11n(HT40)_5755_40M



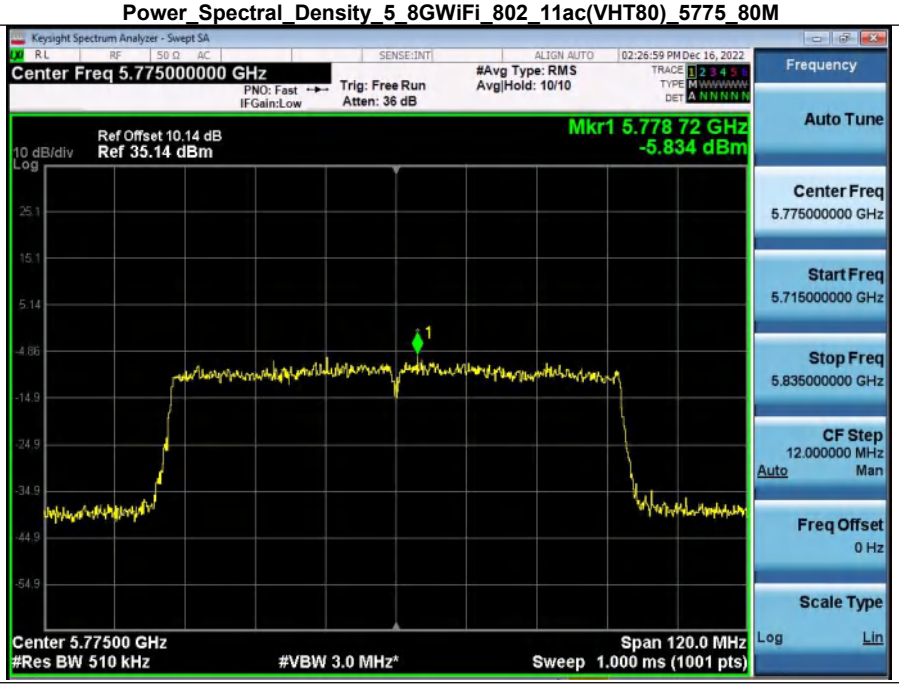
Power_Spectral_Density_5_8GWiFi_802_11n(HT40)_5795_40M

Power_Spectral_Density_5_8GWiFi_802_11ac(VHT40)_5755_40M



Power_Spectral_Density_5_8GWiFi_802_11ac(VHT40)_5795_40M

Power_Spectral_Density_5_8GWiFi_802_11ac(VHT80)_5775_80M



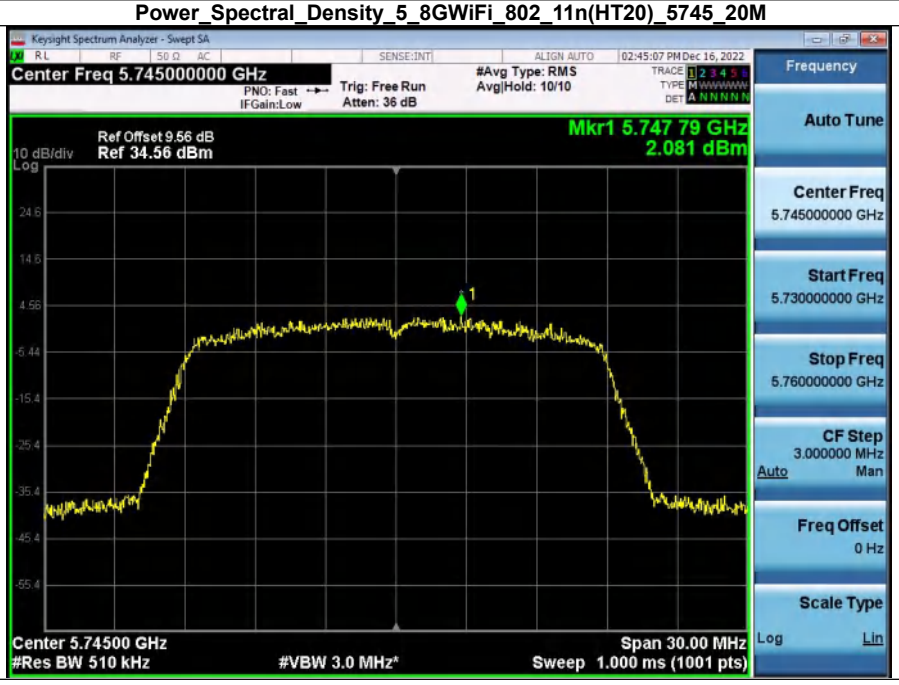
ANT2

Power_Spectral_Density_5_8GWiFi_802_11a_5745_20M

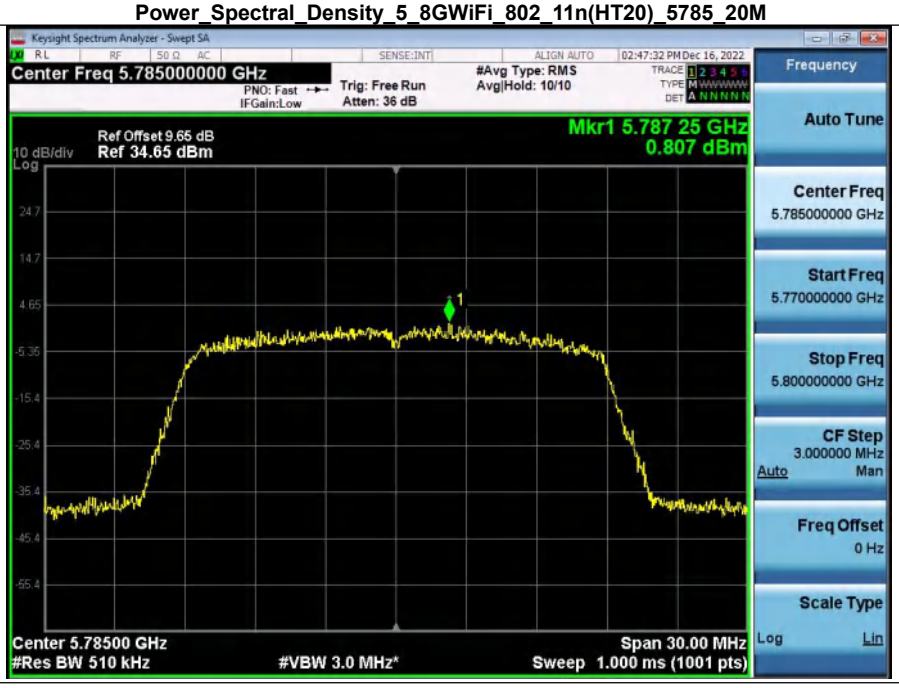
Power_Spectral_Density_5_8GWiFi_802_11a_5785_20M

Power_Spectral_Density_5_8GWiFi_802_11a_5825_20M

Power_Spectral_Density_5_8GWiFi_802_11n(HT20)_5745_20M



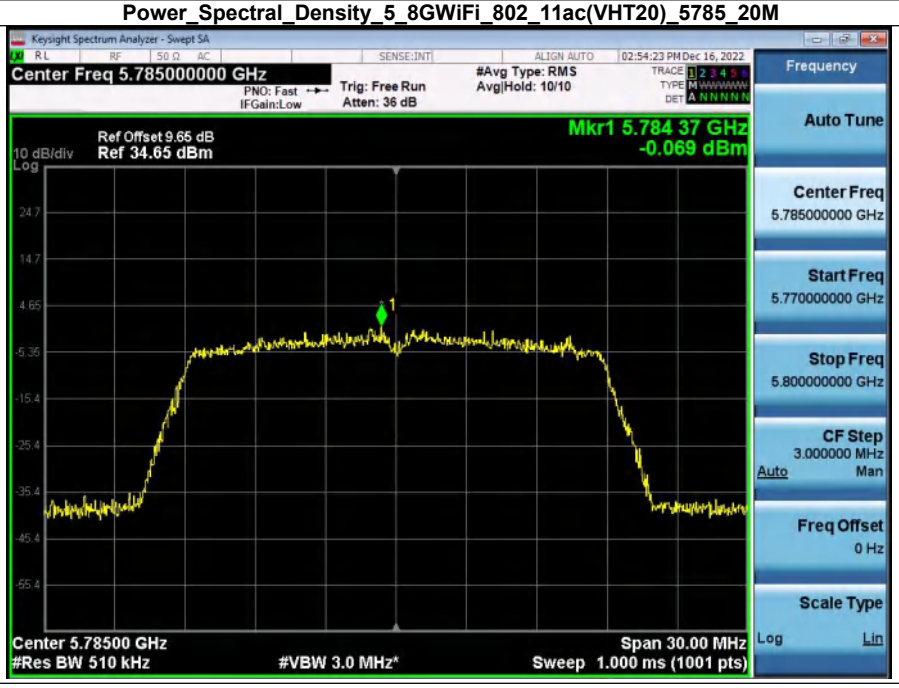
Power_Spectral_Density_5_8GWiFi_802_11n(HT20)_5785_20M



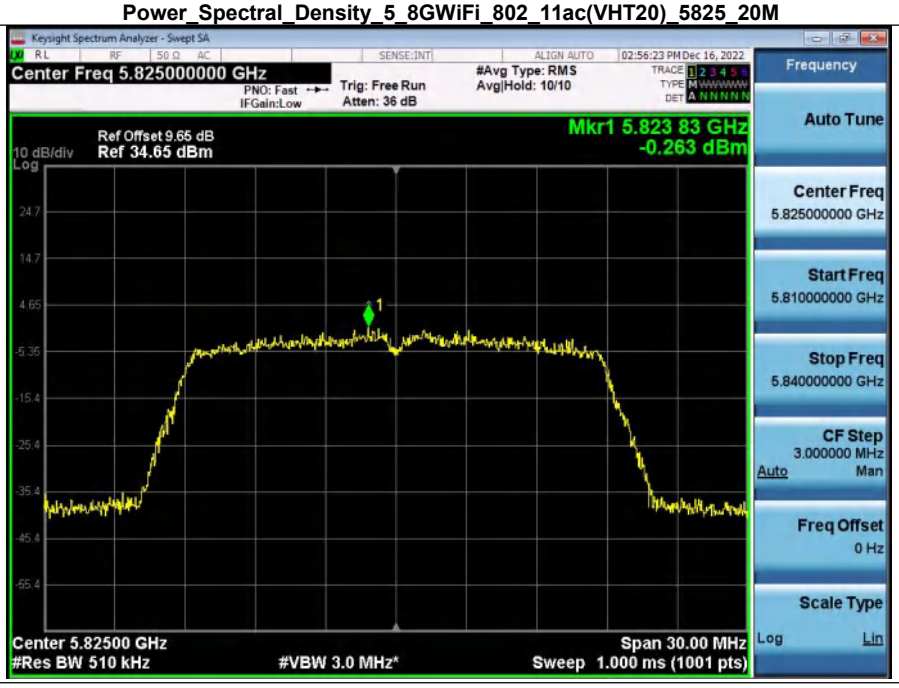
Power_Spectral_Density_5_8GWiFi_802_11n(HT20)_5825_20M

Power_Spectral_Density_5_8GWiFi_802_11ac(VHT20)_5745_20M

Power_Spectral_Density_5_8GWiFi_802_11ac(VHT20)_5785_20M



Power_Spectral_Density_5_8GWiFi_802_11ac(VHT20)_5825_20M

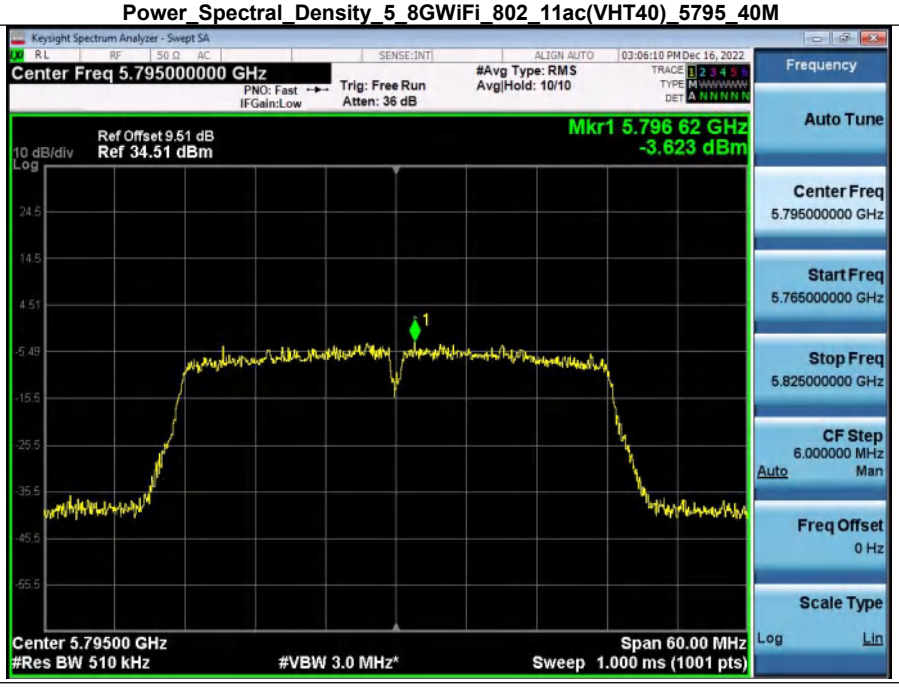


Power_Spectral_Density_5_8GWiFi_802_11n(HT40)_5755_40M

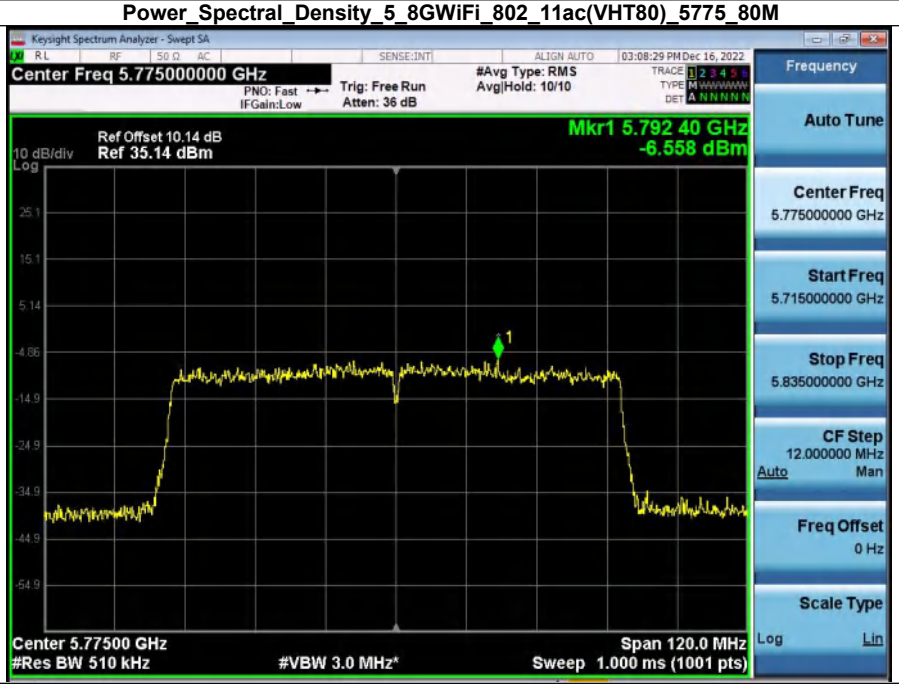
Power_Spectral_Density_5_8GWiFi_802_11n(HT40)_5795_40M

Power_Spectral_Density_5_8GWiFi_802_11ac(VHT40)_5755_40M

Power_Spectral_Density_5_8GWiFi_802_11ac(VHT40)_5795_40M



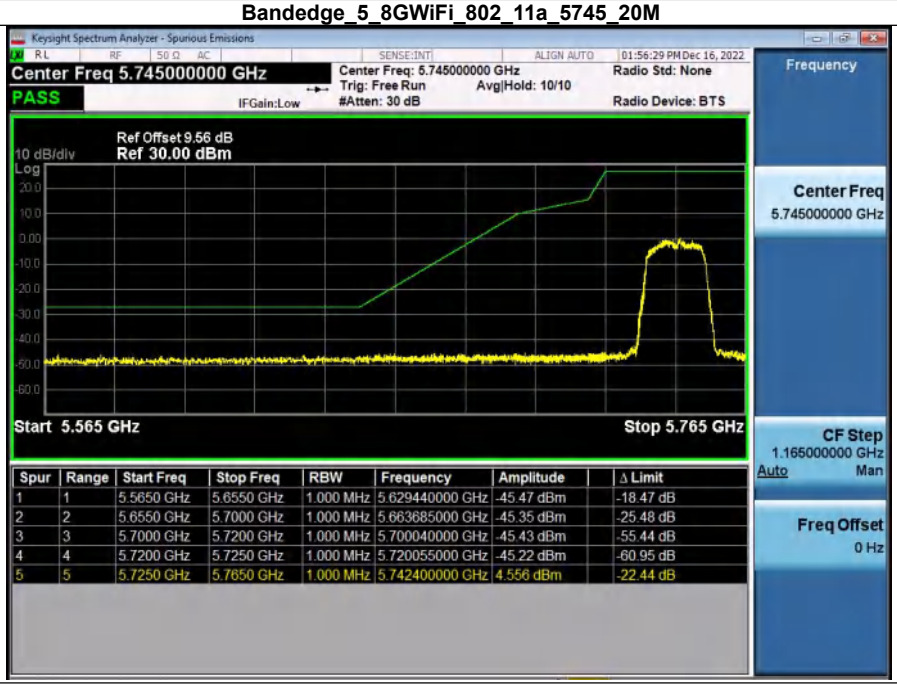
Power_Spectral_Density_5_8GWiFi_802_11ac(VHT80)_5775_80M



6. Bandedge

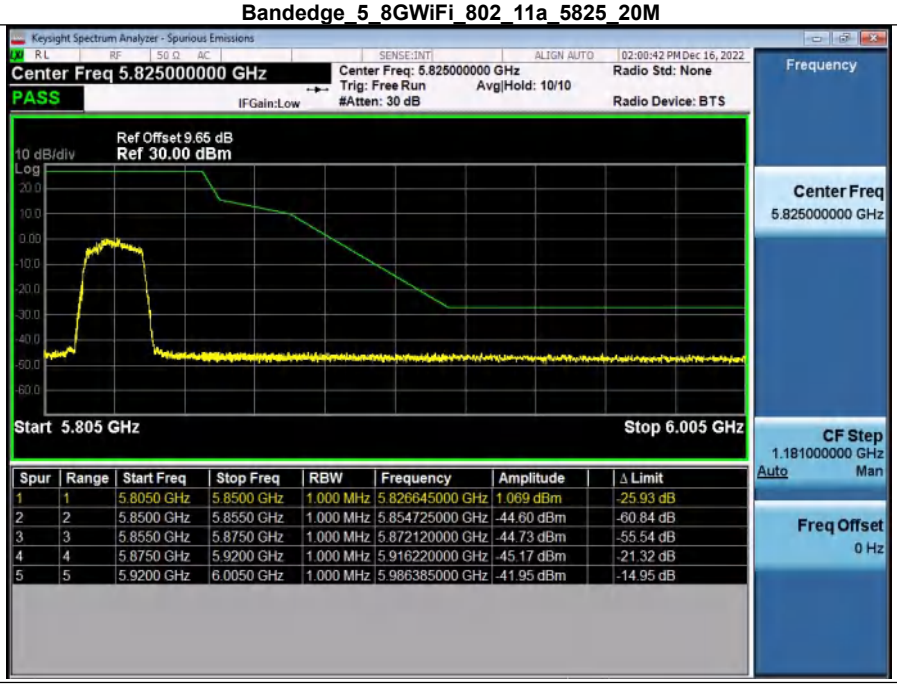
ANT1

Bandedge_5_8GWiFi_802_11a_5745_20M



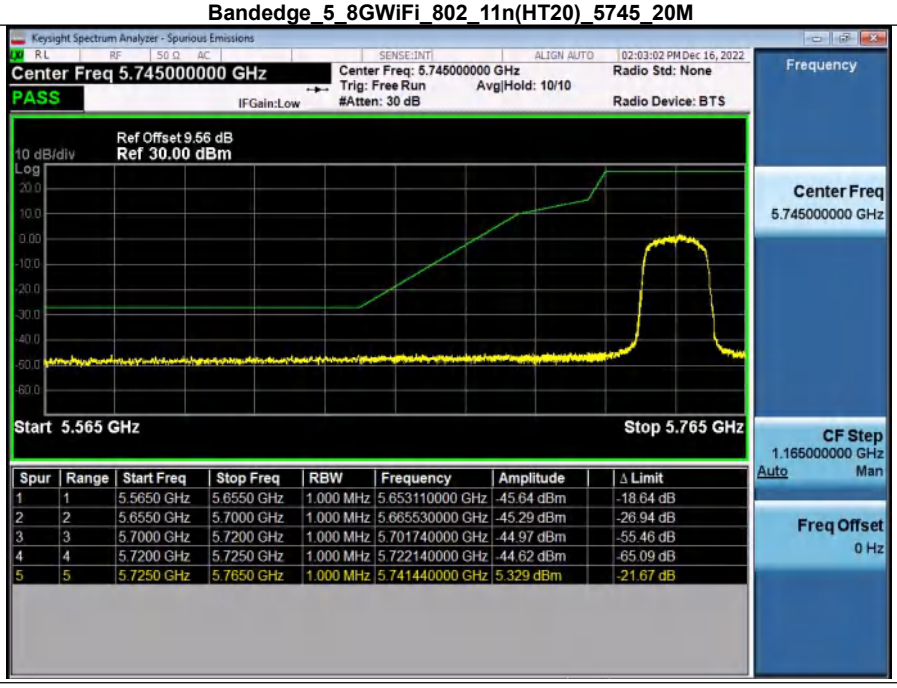
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.629440000 GHz	-45.47 dBm	-18.47 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.663685000 GHz	-45.35 dBm	-25.48 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.700040000 GHz	-45.43 dBm	-55.44 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.720055000 GHz	-45.22 dBm	-60.95 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.742400000 GHz	4.556 dBm	-22.44 dB

Bandedge_5_8GWiFi_802_11a_5825_20M



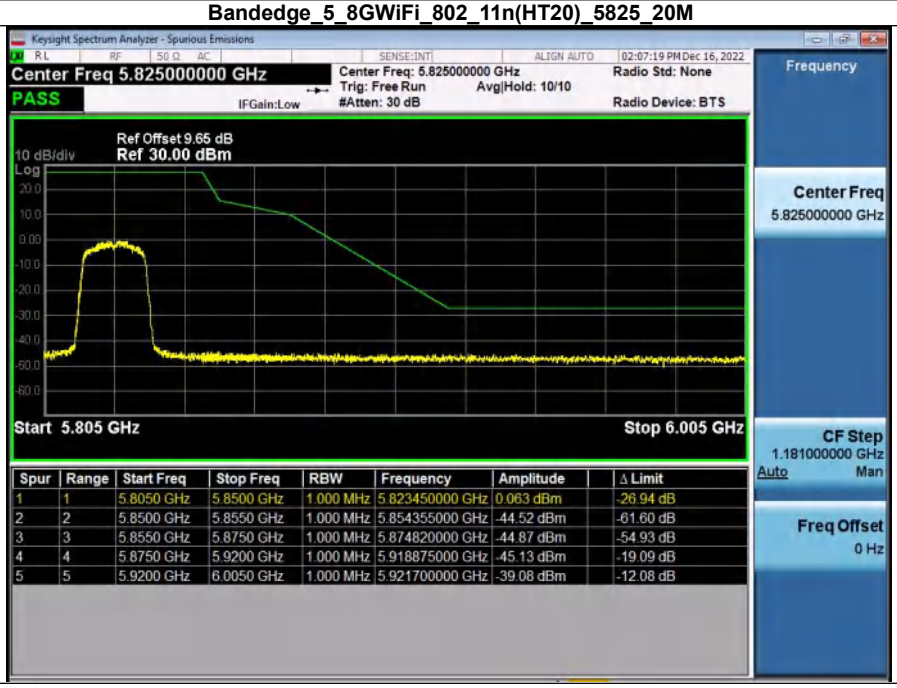
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.826645000 GHz	1.069 dBm	-25.93 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854725000 GHz	-44.60 dBm	-60.84 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.872120000 GHz	-44.73 dBm	-55.54 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.916220000 GHz	-45.17 dBm	-21.32 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.986385000 GHz	-41.95 dBm	-14.95 dB

Bandedge_5_8GWiFi_802_11n(HT20)_5745_20M



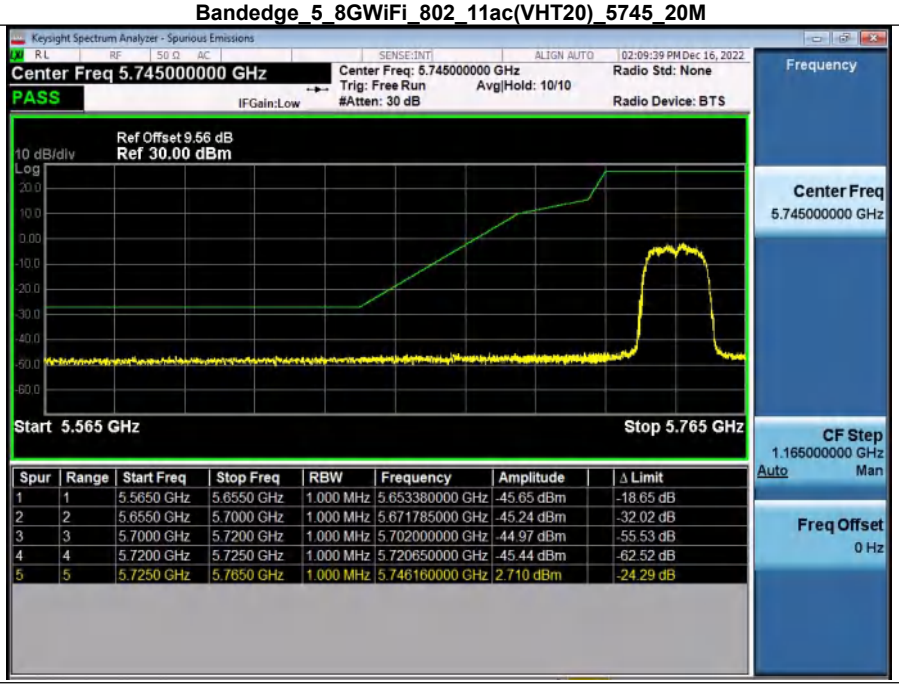
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.653110000 GHz	-45.64 dBm	-18.64 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.665530000 GHz	-45.29 dBm	-26.94 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.701740000 GHz	-44.97 dBm	-55.46 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.722140000 GHz	-44.62 dBm	-65.09 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.741440000 GHz	5.329 dBm	-21.67 dB

Bandedge_5_8GWiFi_802_11n(HT20)_5825_20M



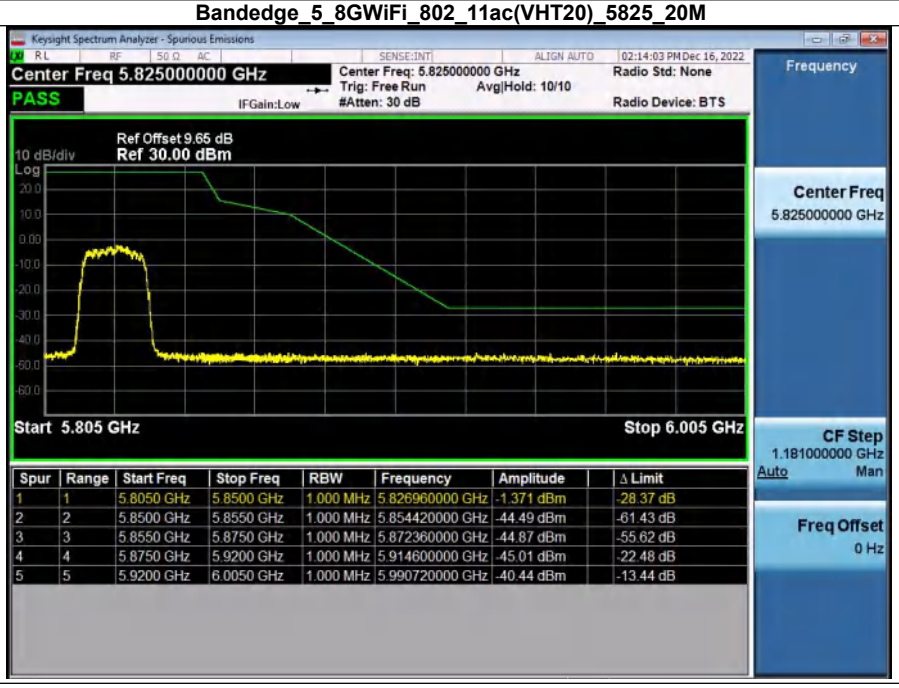
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.823450000 GHz	0.063 dBm	-26.94 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854355000 GHz	-44.52 dBm	-61.60 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.874820000 GHz	-44.87 dBm	-54.93 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.918875000 GHz	-45.13 dBm	-19.09 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.921700000 GHz	-39.08 dBm	-12.08 dB

Bandedge_5_8GWiFi_802_11ac(VHT20)_5745_20M



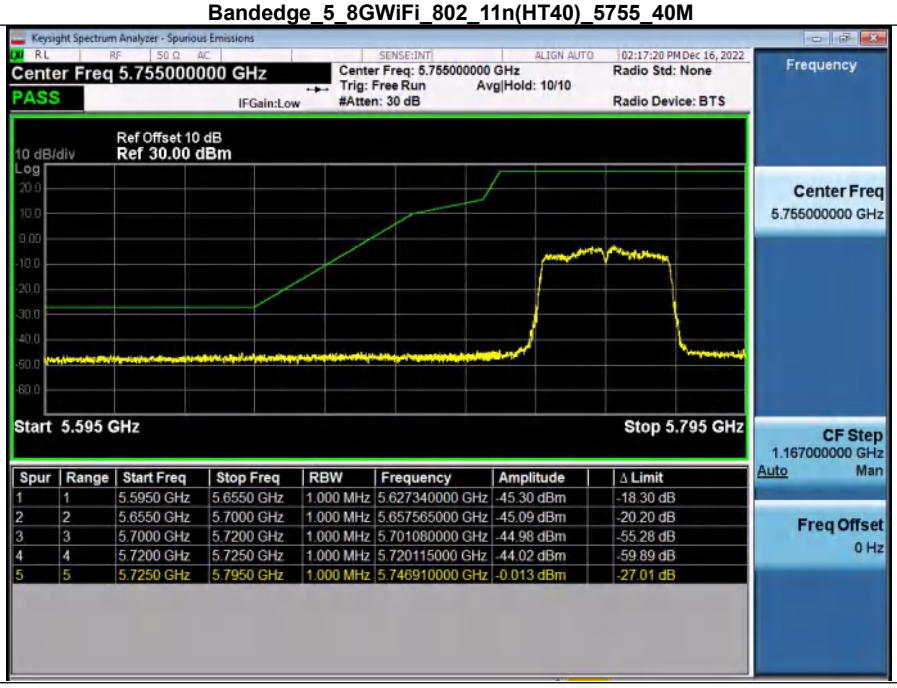
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.653380000 GHz	-45.65 dBm	-18.65 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.671785000 GHz	-45.24 dBm	-32.02 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.702000000 GHz	-44.97 dBm	-55.53 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.720650000 GHz	-45.44 dBm	-62.52 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.746160000 GHz	2.710 dBm	-24.29 dB

Bandedge_5_8GWiFi_802_11ac(VHT20)_5825_20M



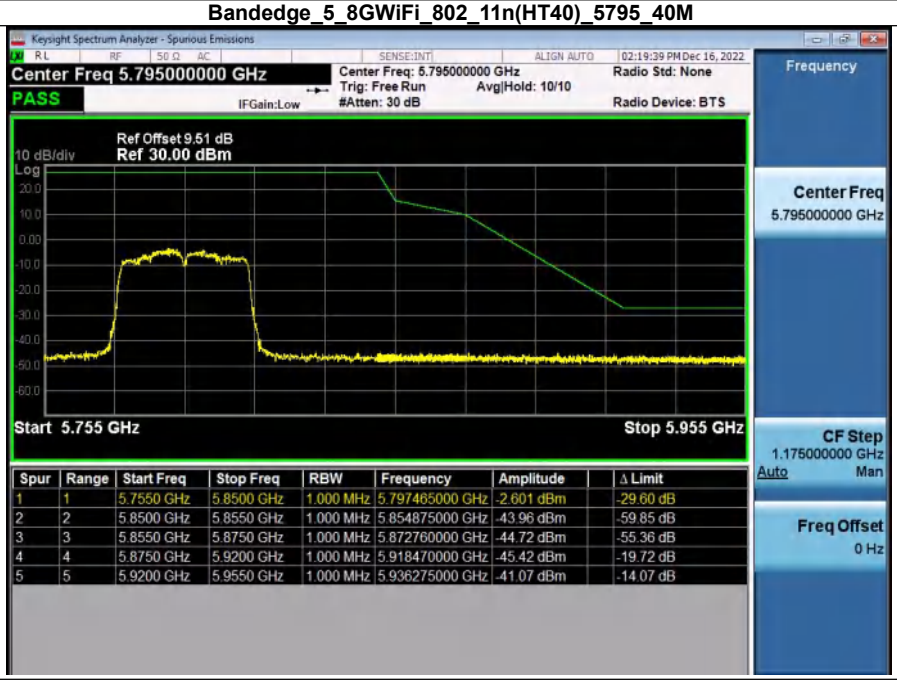
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.826960000 GHz	-1.371 dBm	-28.37 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854420000 GHz	-44.49 dBm	-61.43 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.872360000 GHz	-44.87 dBm	-55.62 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.914600000 GHz	-45.01 dBm	-22.48 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.990720000 GHz	-40.44 dBm	-13.44 dB

Bandedge_5_8GWiFi_802_11n(HT40)_5755_40M



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5950 GHz	5.6550 GHz	1.000 MHz	5.627340000 GHz	-45.30 dBm	-18.30 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.657565000 GHz	-45.09 dBm	-20.20 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.701080000 GHz	-44.98 dBm	-55.28 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.720115000 GHz	-44.02 dBm	-59.89 dB
5	5	5.7250 GHz	5.7950 GHz	1.000 MHz	5.746910000 GHz	-0.013 dBm	-27.01 dB

Bandedge_5_8GWiFi_802_11n(HT40)_5795_40M

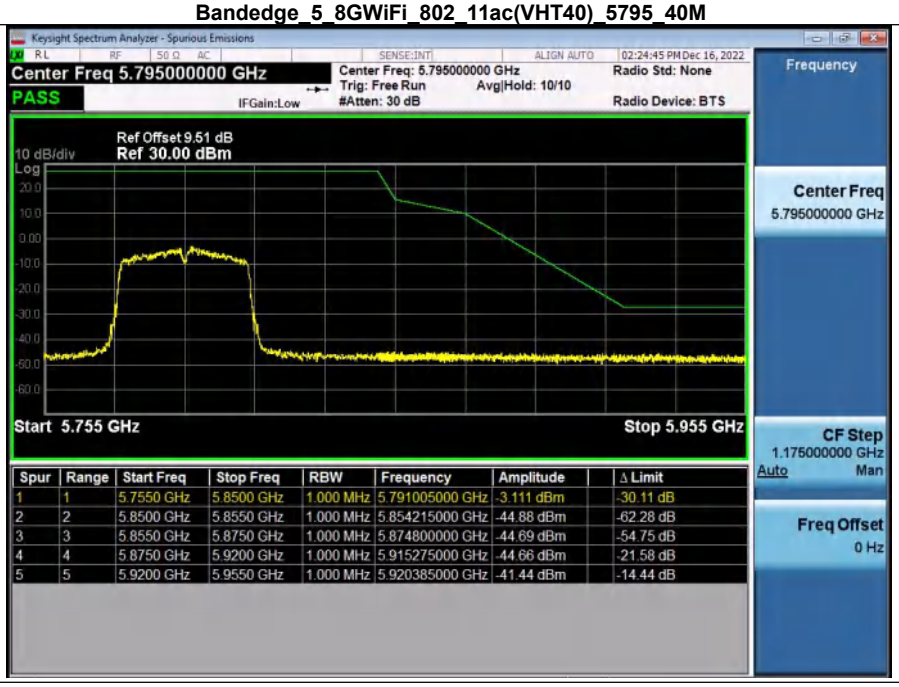


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.7550 GHz	5.8500 GHz	1.000 MHz	5.797465000 GHz	-2.601 dBm	-29.60 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854875000 GHz	-43.96 dBm	-59.85 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.872760000 GHz	-44.72 dBm	-55.36 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.918470000 GHz	-45.42 dBm	-19.72 dB
5	5	5.9200 GHz	5.9550 GHz	1.000 MHz	5.936275000 GHz	-41.07 dBm	-14.07 dB

Bandedge_5_8GWiFi_802_11ac(VHT40)_5755_40M

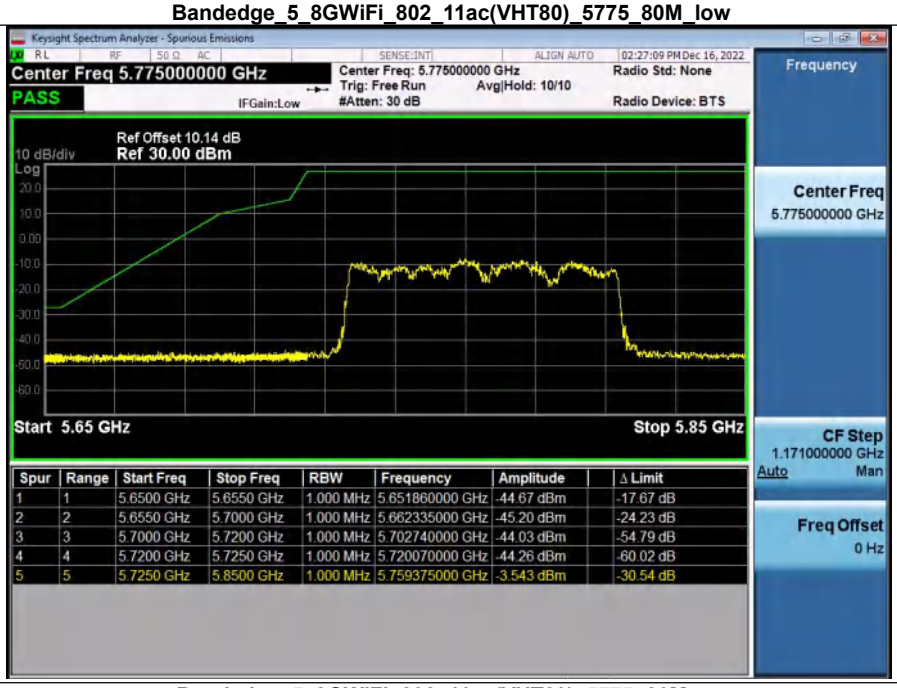
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5950 GHz	5.6550 GHz	1.000 MHz	5.653200000 GHz	-45.16 dBm	-18.16 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.658870000 GHz	-44.91 dBm	-21.09 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.706140000 GHz	-44.99 dBm	-56.71 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.722050000 GHz	-43.48 dBm	-63.75 dB
5	5	5.7250 GHz	5.7950 GHz	1.000 MHz	5.760420000 GHz	0.226 dBm	-26.77 dB

Bandedge_5_8GWiFi_802_11ac(VHT40)_5795_40M



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.7550 GHz	5.8500 GHz	1.000 MHz	5.791005000 GHz	-3.111 dBm	-30.11 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854215000 GHz	-44.88 dBm	-62.28 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.874800000 GHz	-44.69 dBm	-54.75 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.915275000 GHz	-44.66 dBm	-21.58 dB
5	5	5.9200 GHz	5.9550 GHz	1.000 MHz	5.920385000 GHz	-41.44 dBm	-14.44 dB

Bandedge_5_8GWiFi_802_11ac(VHT80)_5775_80M_low



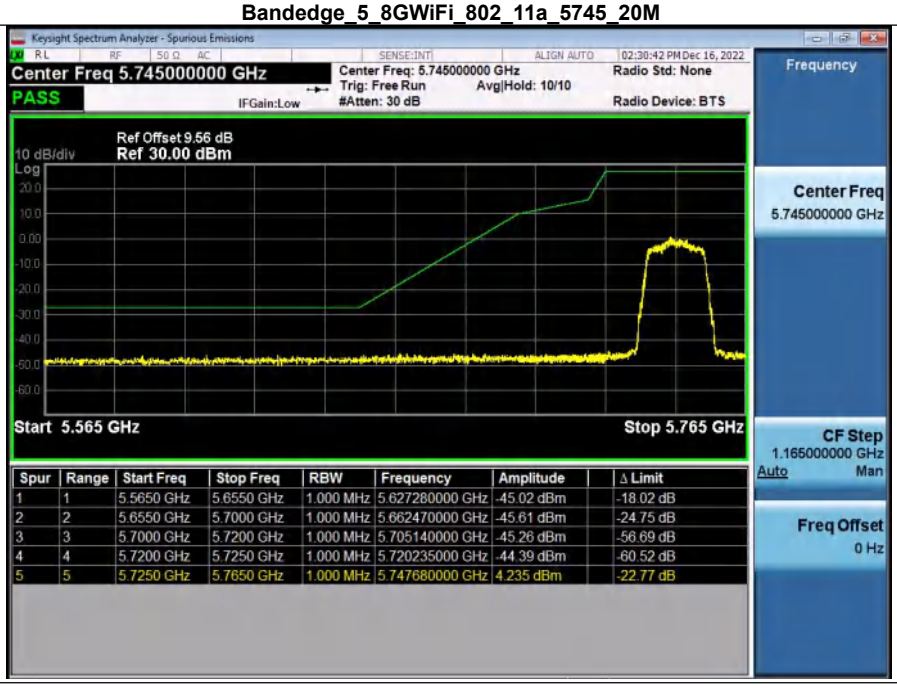
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.6500 GHz	5.6550 GHz	1.000 MHz	5.651860000 GHz	-44.67 dBm	-17.67 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.662335000 GHz	-45.20 dBm	-24.23 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.702740000 GHz	-44.03 dBm	-54.79 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.720070000 GHz	-44.26 dBm	-60.02 dB
5	5	5.7250 GHz	5.8500 GHz	1.000 MHz	5.759375000 GHz	-3.543 dBm	-30.54 dB

Bandedge_5_8GWiFi_802_11ac(VHT80)_5775_80M_up

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.7250 GHz	5.8500 GHz	1.000 MHz	5.767875000 GHz	-7.823 dBm	-34.82 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854675000 GHz	-44.54 dBm	-60.89 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.872400000 GHz	-44.08 dBm	-54.81 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.913475000 GHz	-44.15 dBm	-22.54 dB
5	5	5.9200 GHz	5.9250 GHz	1.000 MHz	5.921735000 GHz	-38.79 dBm	-11.79 dB

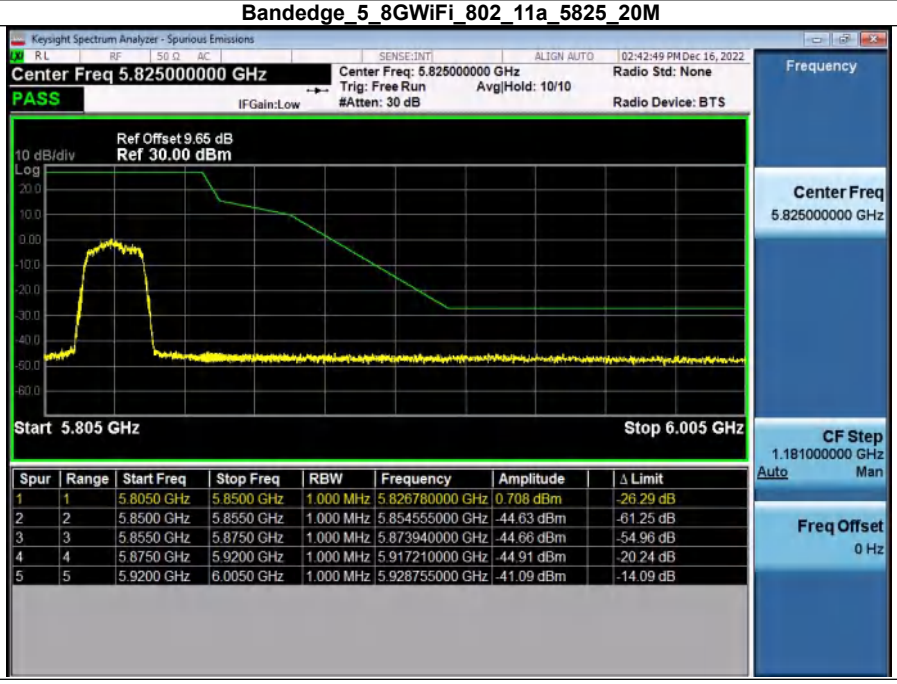
ANT2

Bandedge_5_8GWiFi_802_11a_5745_20M



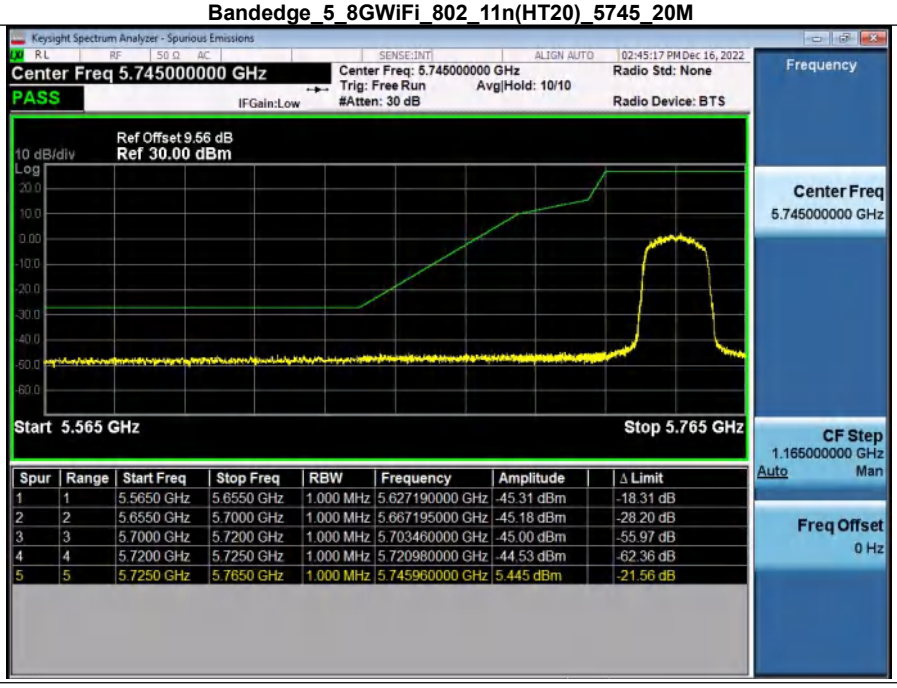
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.627280000 GHz	-45.02 dBm	-18.02 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.662470000 GHz	-45.61 dBm	-24.75 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.705140000 GHz	-45.26 dBm	-56.69 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.720235000 GHz	-44.39 dBm	-60.52 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.747680000 GHz	4.235 dBm	-22.77 dB

Bandedge_5_8GWiFi_802_11a_5825_20M



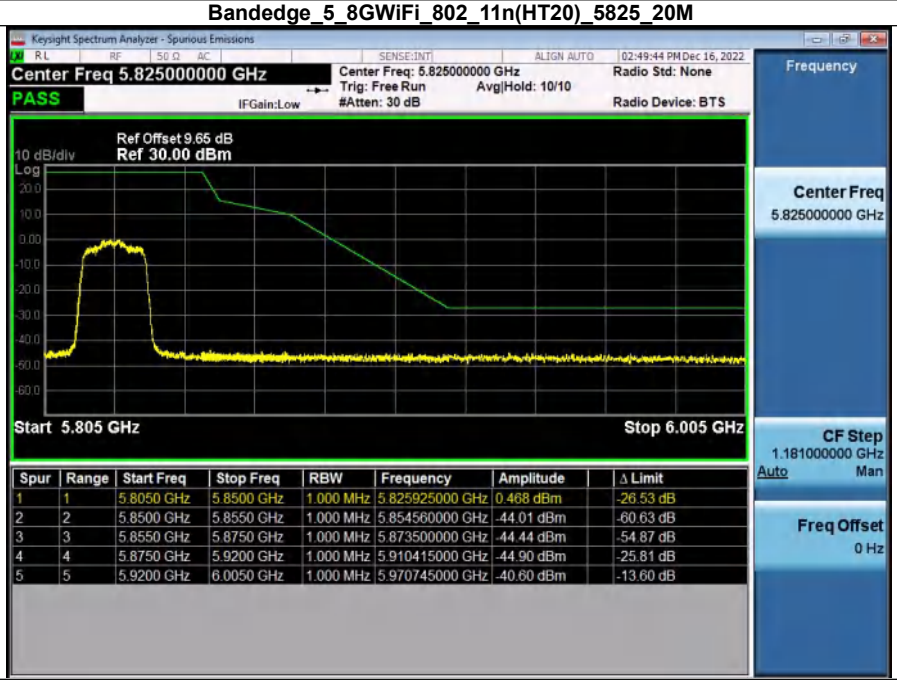
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.826780000 GHz	0.708 dBm	-26.29 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854555000 GHz	-44.63 dBm	-61.25 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.873940000 GHz	-44.66 dBm	-54.96 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.917210000 GHz	-44.91 dBm	-20.24 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.928755000 GHz	-41.09 dBm	-14.09 dB

Bandedge_5_8GWiFi_802_11n(HT20)_5745_20M



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.627190000 GHz	-45.31 dBm	-18.31 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.667195000 GHz	-45.18 dBm	-28.20 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.703460000 GHz	-45.00 dBm	-55.97 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.720980000 GHz	-44.53 dBm	-62.36 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.745960000 GHz	5.445 dBm	-21.56 dB

Bandedge_5_8GWiFi_802_11n(HT20)_5825_20M

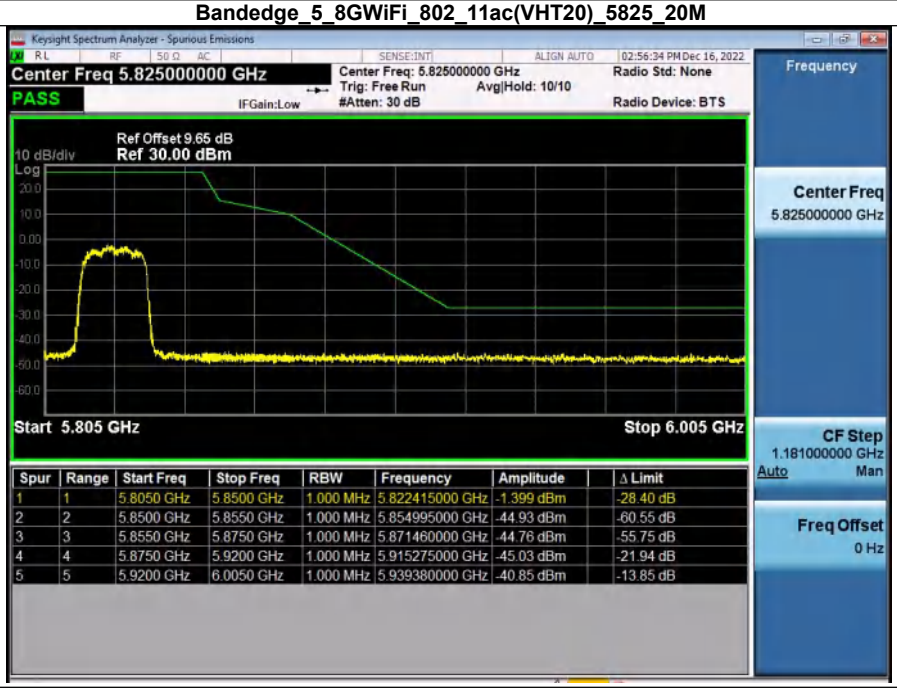


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.825925000 GHz	0.468 dBm	-26.53 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854560000 GHz	-44.01 dBm	-60.63 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.873500000 GHz	-44.44 dBm	-54.87 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.910415000 GHz	-44.90 dBm	-25.81 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.970745000 GHz	-40.60 dBm	-13.60 dB

Bandedge_5_8GWiFi_802_11ac(VHT20)_5745_20M

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.648160000 GHz	-45.86 dBm	-18.86 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.662380000 GHz	-45.71 dBm	-24.77 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.706520000 GHz	-45.36 dBm	-57.19 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.721030000 GHz	-44.97 dBm	-62.91 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.749680000 GHz	2.724 dBm	-24.28 dB

Bandedge_5_8GWiFi_802_11ac(VHT20)_5825_20M

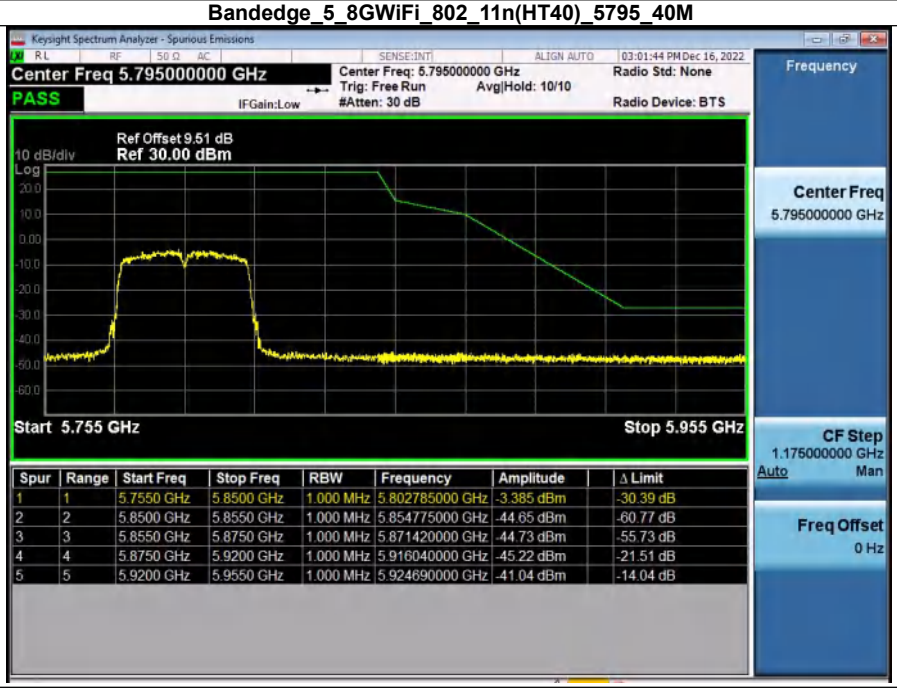


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.822415000 GHz	-1.399 dBm	-28.40 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854995000 GHz	-44.93 dBm	-60.55 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.871460000 GHz	-44.76 dBm	-55.75 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.915275000 GHz	-45.03 dBm	-21.94 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.939380000 GHz	-40.85 dBm	-13.85 dB

Bandedge_5_8GWiFi_802_11n(HT40)_5755_40M

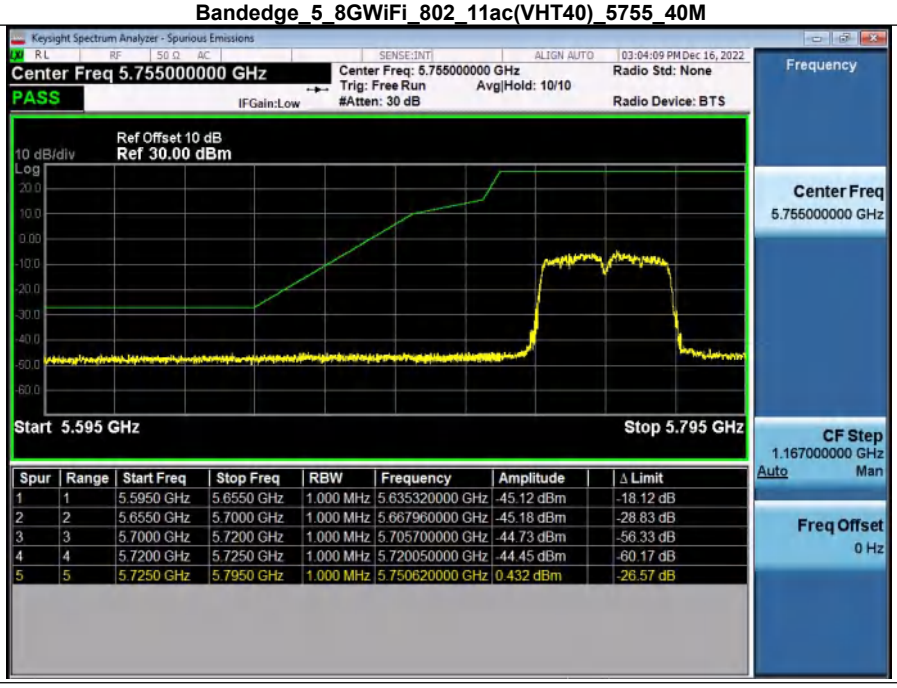
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5950 GHz	5.6550 GHz	1.000 MHz	5.616600000 GHz	-45.35 dBm	-18.35 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.660400000 GHz	-45.13 dBm	-22.56 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.705200000 GHz	-44.72 dBm	-56.18 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.721285000 GHz	-44.10 dBm	-62.63 dB
5	5	5.7250 GHz	5.7950 GHz	1.000 MHz	5.758530000 GHz	0.385 dBm	-26.61 dB

Bandedge_5_8GWiFi_802_11n(HT40)_5795_40M



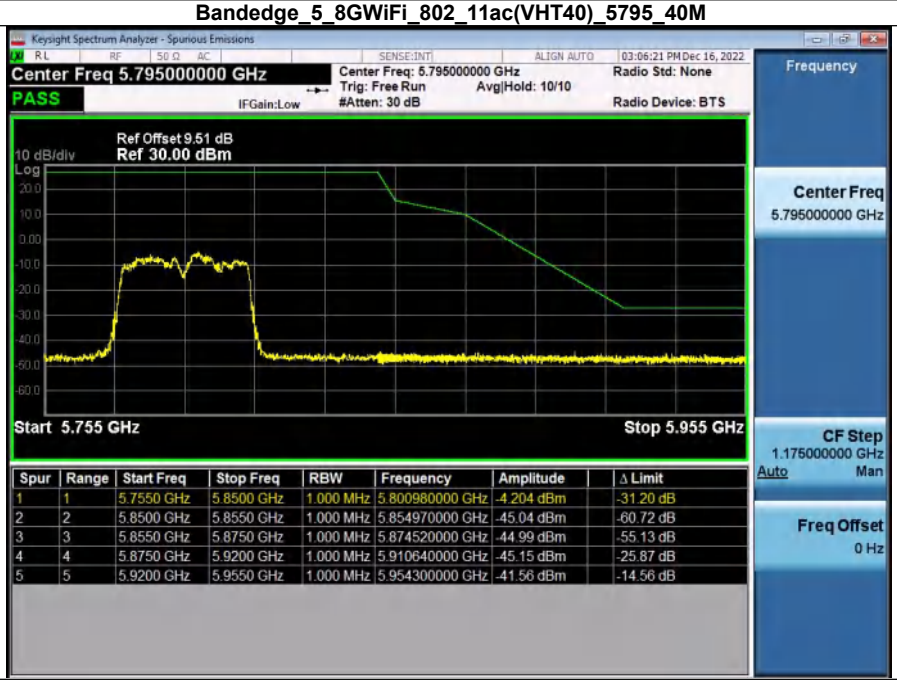
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.7550 GHz	5.8500 GHz	1.000 MHz	5.802785000 GHz	-3.385 dBm	-30.39 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854775000 GHz	-44.65 dBm	-60.77 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.871420000 GHz	-44.73 dBm	-55.73 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.916040000 GHz	-45.22 dBm	-21.51 dB
5	5	5.9200 GHz	5.9550 GHz	1.000 MHz	5.924690000 GHz	-41.04 dBm	-14.04 dB

Bandedge_5_8GWiFi_802_11ac(VHT40)_5755_40M



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5950 GHz	5.6550 GHz	1.000 MHz	5.635320000 GHz	-45.12 dBm	-18.12 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.667960000 GHz	-45.18 dBm	-28.83 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.705700000 GHz	-44.73 dBm	-56.33 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.720050000 GHz	-44.45 dBm	-60.17 dB
5	5	5.7250 GHz	5.7950 GHz	1.000 MHz	5.750620000 GHz	0.432 dBm	-26.57 dB

Bandedge_5_8GWiFi_802_11ac(VHT40)_5795_40M



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.7550 GHz	5.8500 GHz	1.000 MHz	5.800980000 GHz	-4.204 dBm	-31.20 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854970000 GHz	-45.04 dBm	-60.72 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.874520000 GHz	-44.99 dBm	-55.13 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.910640000 GHz	-45.15 dBm	-25.87 dB
5	5	5.9200 GHz	5.9550 GHz	1.000 MHz	5.954300000 GHz	-41.56 dBm	-14.56 dB

Bandedge_5_8GWiFi_802_11ac(VHT80)_5775_80M_low

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.6500 GHz	5.6550 GHz	1.000 MHz	5.652095000 GHz	-44.37 dBm	-17.37 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.655450000 GHz	-44.57 dBm	-17.94 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.703180000 GHz	-44.11 dBm	-55.00 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.721450000 GHz	-44.50 dBm	-63.41 dB
5	5	5.7250 GHz	5.8500 GHz	1.000 MHz	5.757375000 GHz	-4.037 dBm	-31.04 dB

Bandedge_5_8GWiFi_802_11ac(VHT80)_5775_80M_up

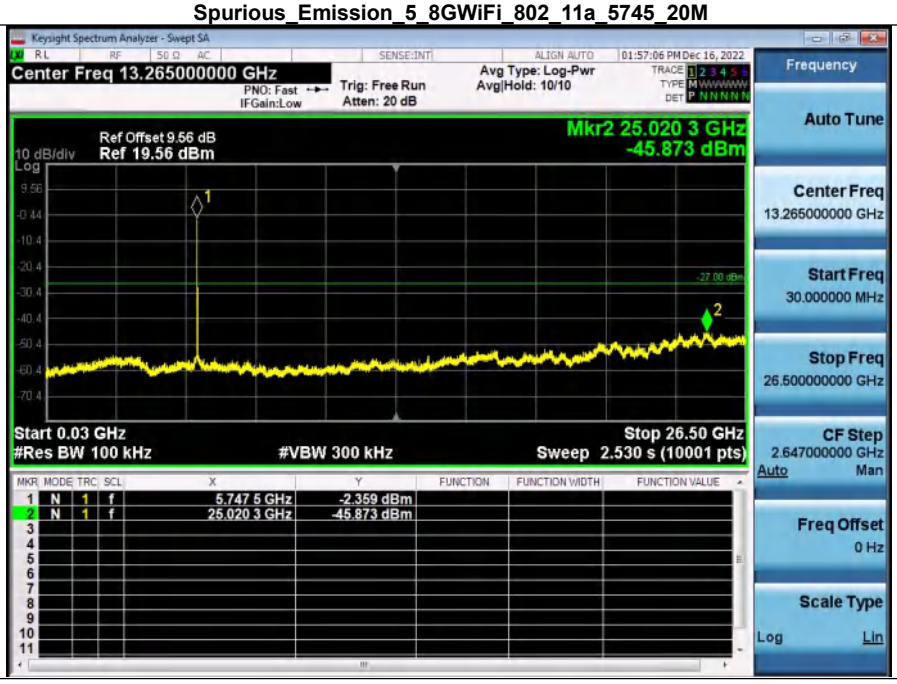
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.7250 GHz	5.8500 GHz	1.000 MHz	5.780375000 GHz	-8.339 dBm	-35.34 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854975000 GHz	-43.84 dBm	-59.50 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.873460000 GHz	-44.44 dBm	-54.87 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.912890000 GHz	-44.66 dBm	-23.54 dB
5	5	5.9200 GHz	5.9250 GHz	1.000 MHz	5.921295000 GHz	-40.17 dBm	-13.17 dB

12.6. Spurious Emission

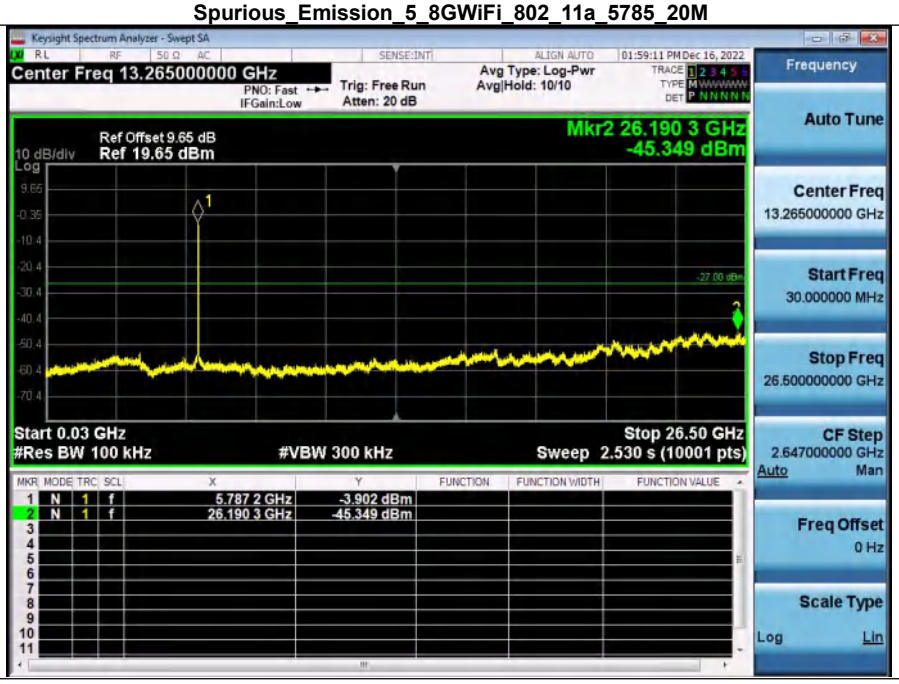
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	25020.33	-45.87	-27	Pass
NVNT	ANT1	802.11a	5785.00	26190.30	-45.35	-27	Pass
NVNT	ANT1	802.11a	5825.00	24983.27	-45.27	-27	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	25049.44	-45.35	-27	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	24951.51	-45.45	-27	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	24964.74	-45.77	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	24919.74	-45.39	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	24962.09	-45.36	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	25007.09	-45.58	-27	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	25041.50	-45.37	-27	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	24567.69	-45.64	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	25054.74	-44.87	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	25038.86	-45.17	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	25046.80	-45.02	-27	Pass

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT2	802.11a	5745.00	25009.74	-45.63	-27	Pass
NVNT	ANT2	802.11a	5785.00	24570.34	-44.42	-27	Pass
NVNT	ANT2	802.11a	5825.00	25099.74	-44.34	-27	Pass
NVNT	ANT2	802.11n(HT20)	5745.00	25007.09	-44.92	-27	Pass
NVNT	ANT2	802.11n(HT20)	5785.00	26142.65	-45.27	-27	Pass
NVNT	ANT2	802.11n(HT20)	5825.00	25007.09	-45.43	-27	Pass
NVNT	ANT2	802.11ac(VHT20)	5745.00	24938.27	-45.34	-27	Pass
NVNT	ANT2	802.11ac(VHT20)	5785.00	24538.57	-45.67	-27	Pass
NVNT	ANT2	802.11ac(VHT20)	5825.00	25030.92	-44.18	-27	Pass
NVNT	ANT2	802.11n(HT40)	5755.00	24938.27	-44.86	-27	Pass
NVNT	ANT2	802.11n(HT40)	5795.00	25015.03	-45.82	-27	Pass
NVNT	ANT2	802.11ac(VHT40)	5755.00	24977.97	-45.37	-27	Pass
NVNT	ANT2	802.11ac(VHT40)	5795.00	24954.15	-45.43	-27	Pass
NVNT	ANT2	802.11ac(VHT80)	5775.00	25017.68	-44.75	-27	Pass

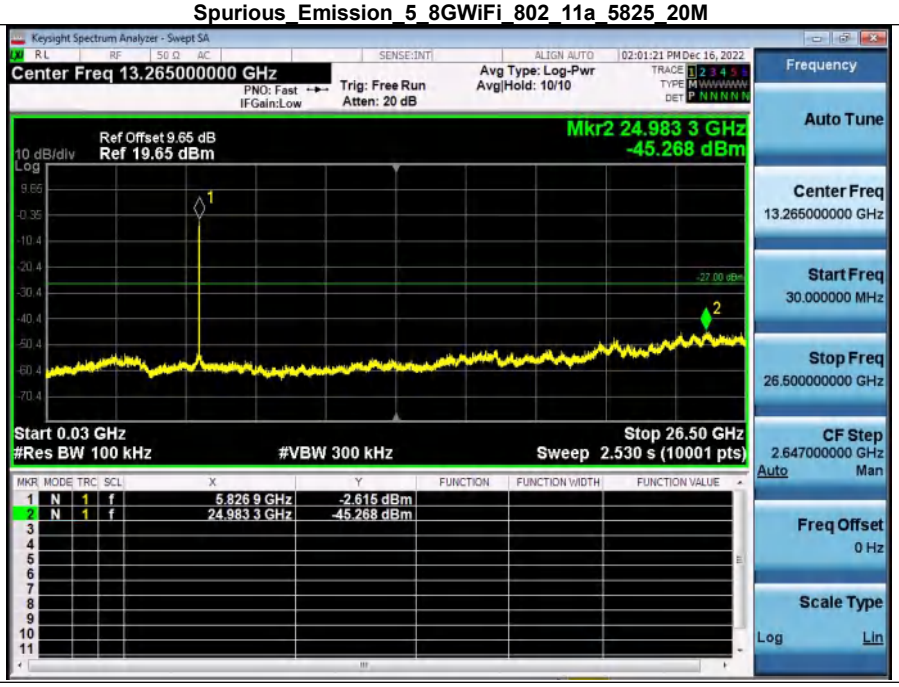
Spurious_Emission_5_8GWiFi_802_11a_5745_20M



Spurious_Emission_5_8GWiFi_802_11a_5785_20M



Spurious_Emission_5_8GWiFi_802_11a_5825_20M



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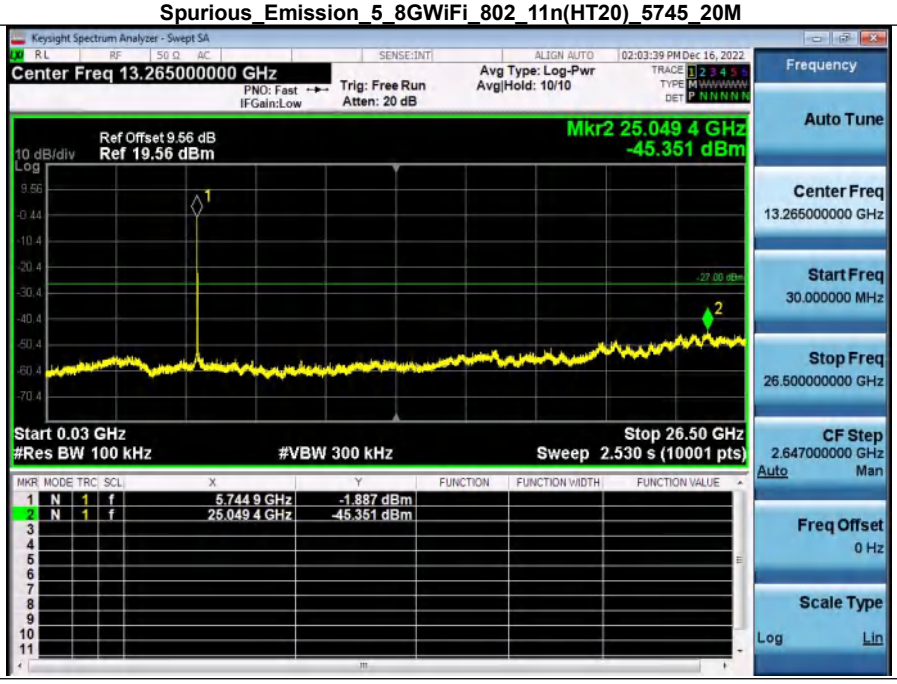

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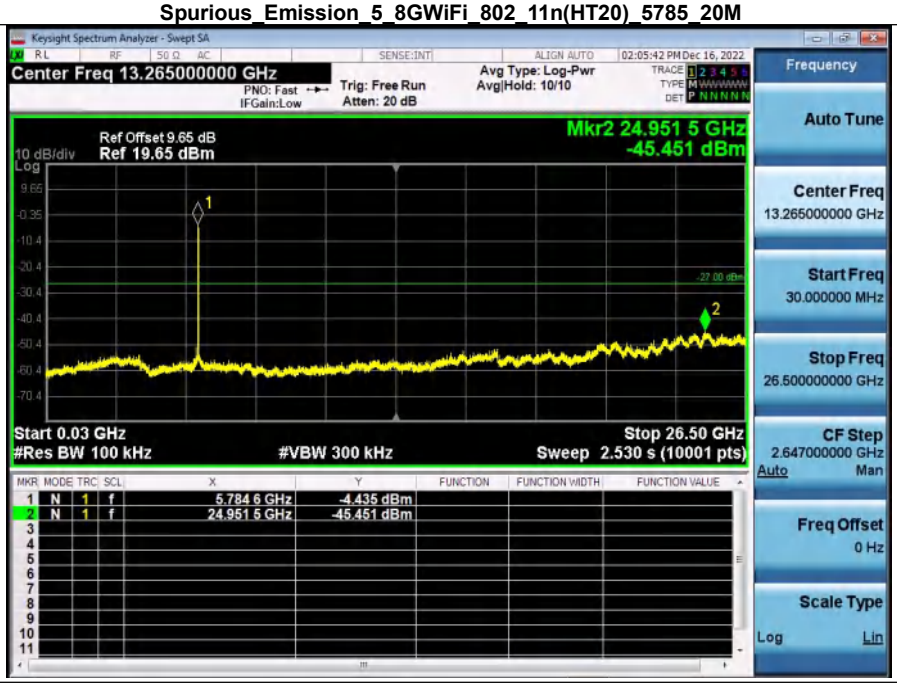

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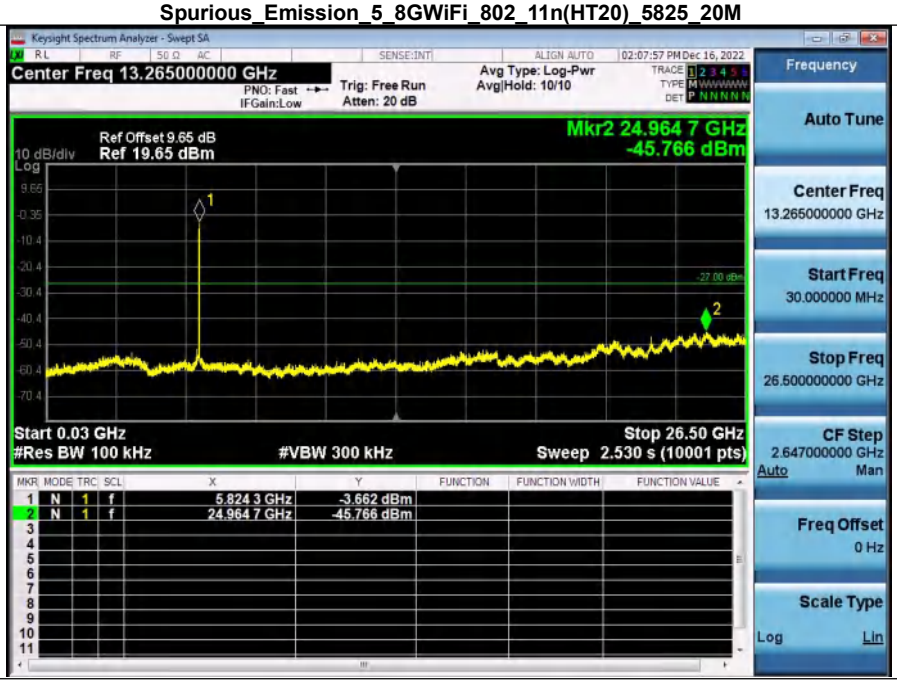

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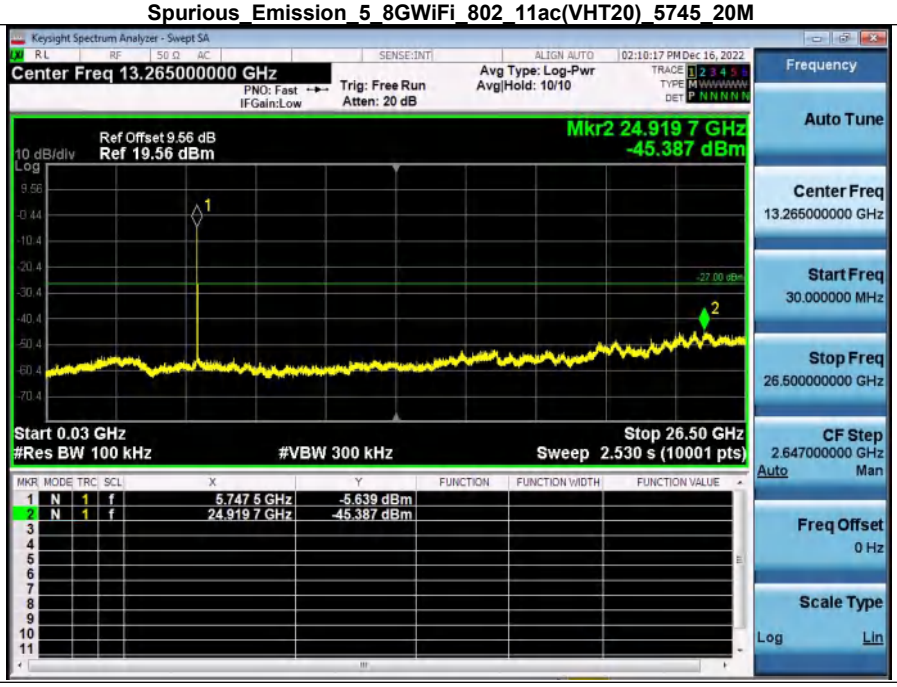

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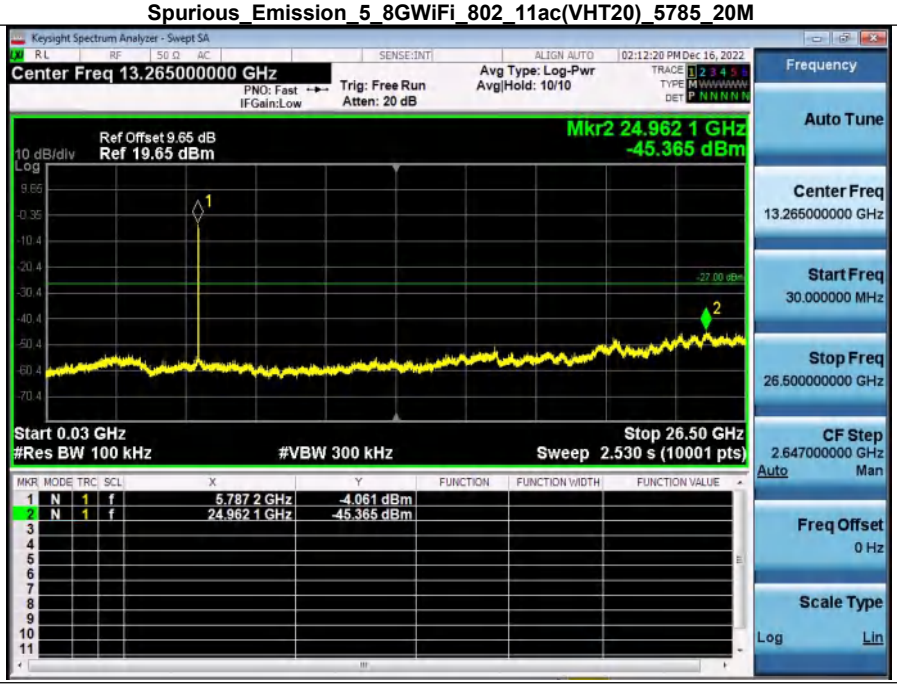

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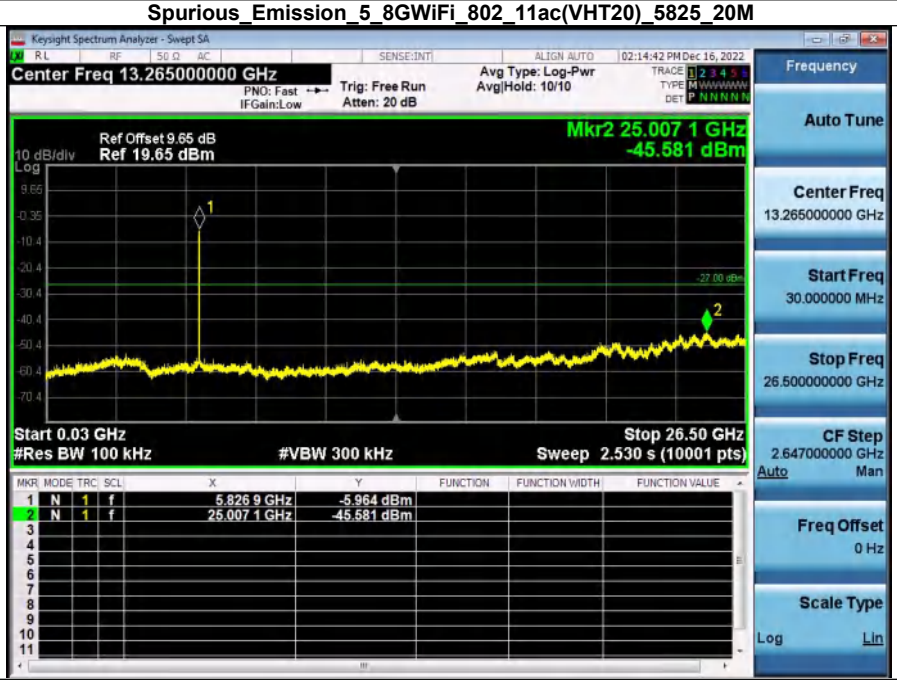

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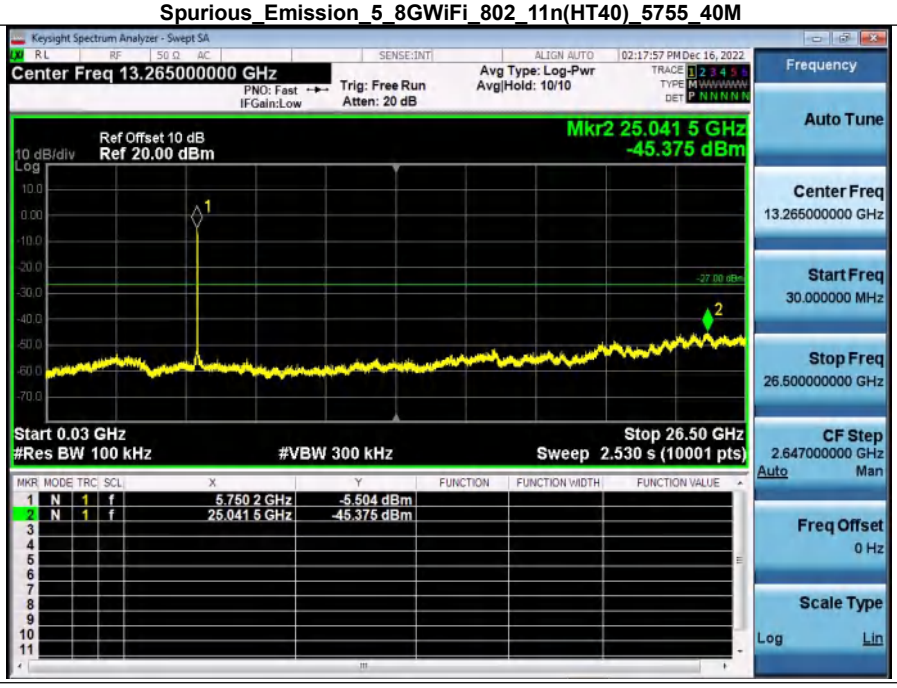

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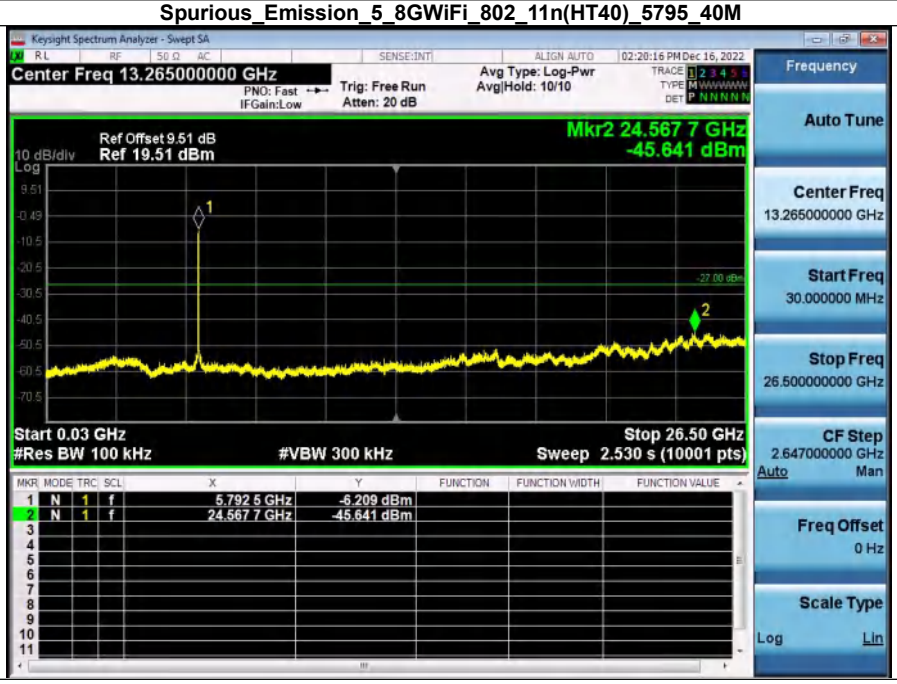

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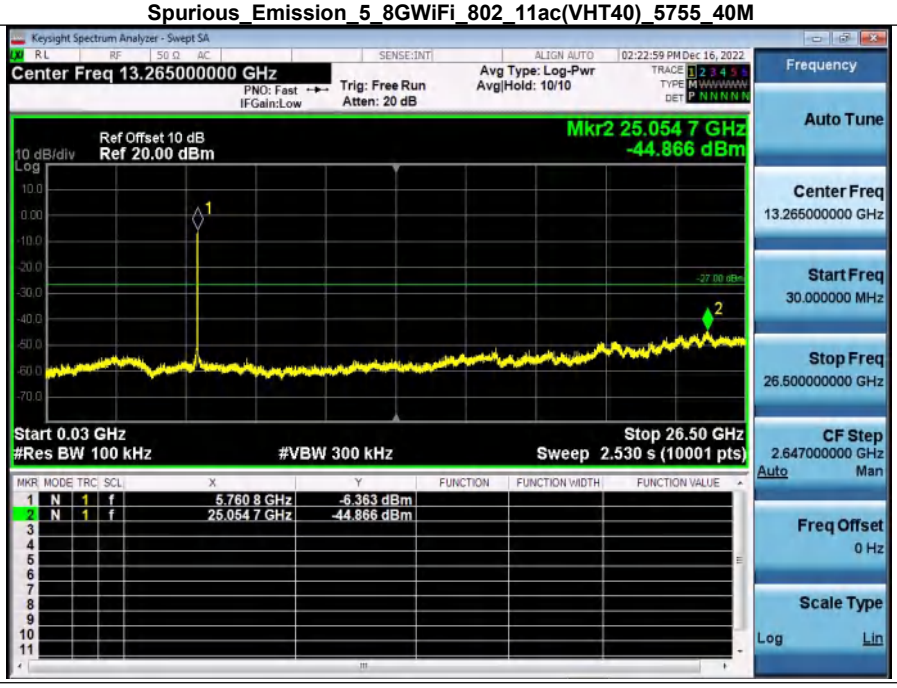

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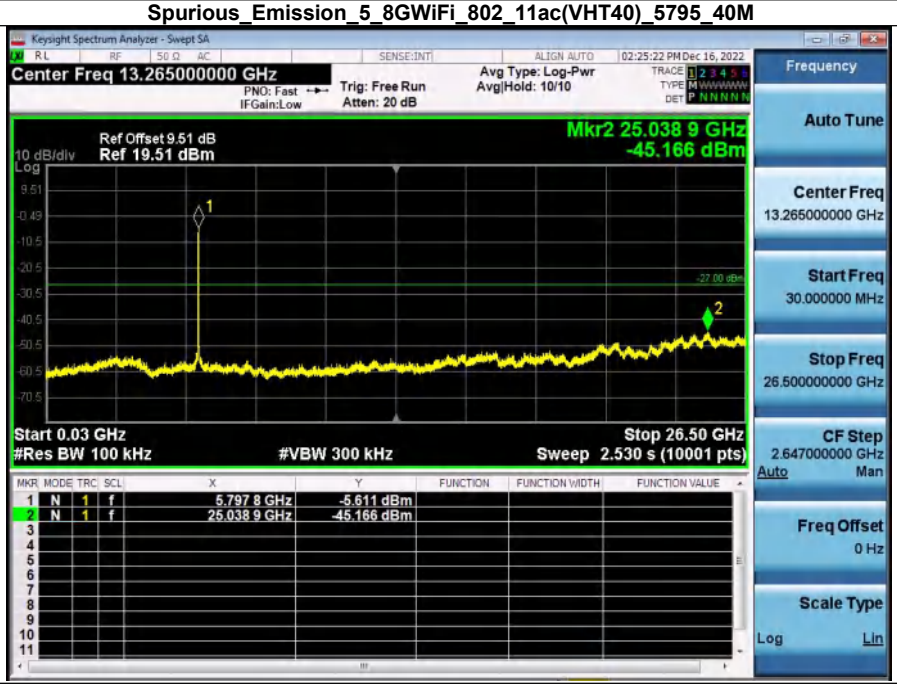

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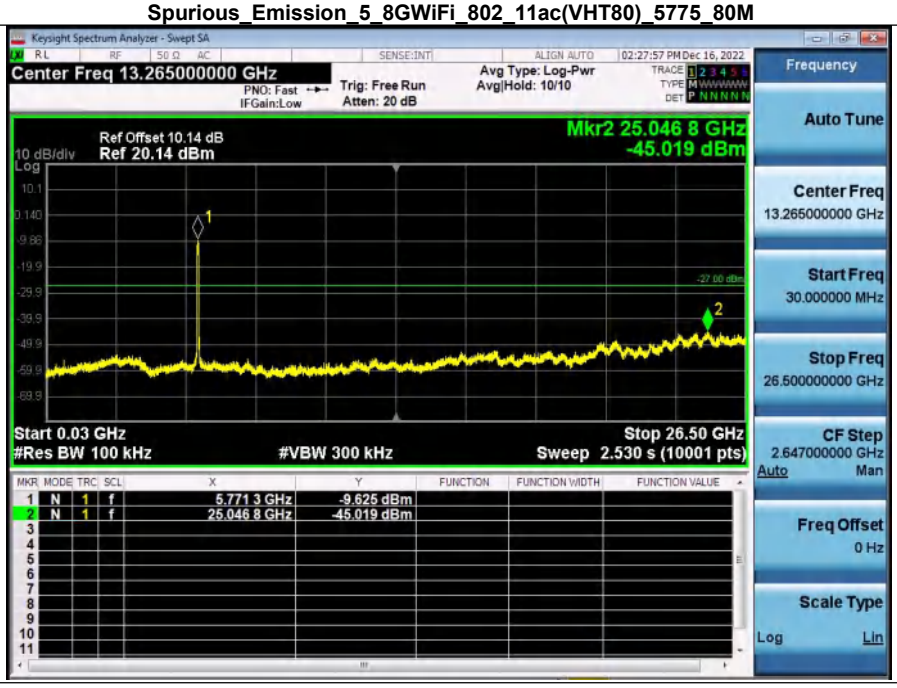

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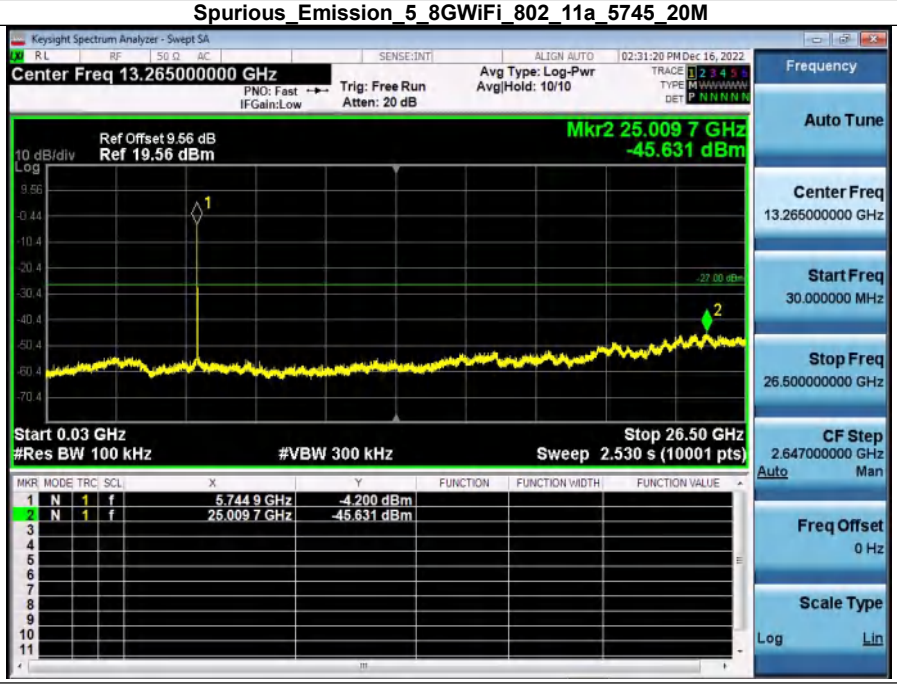

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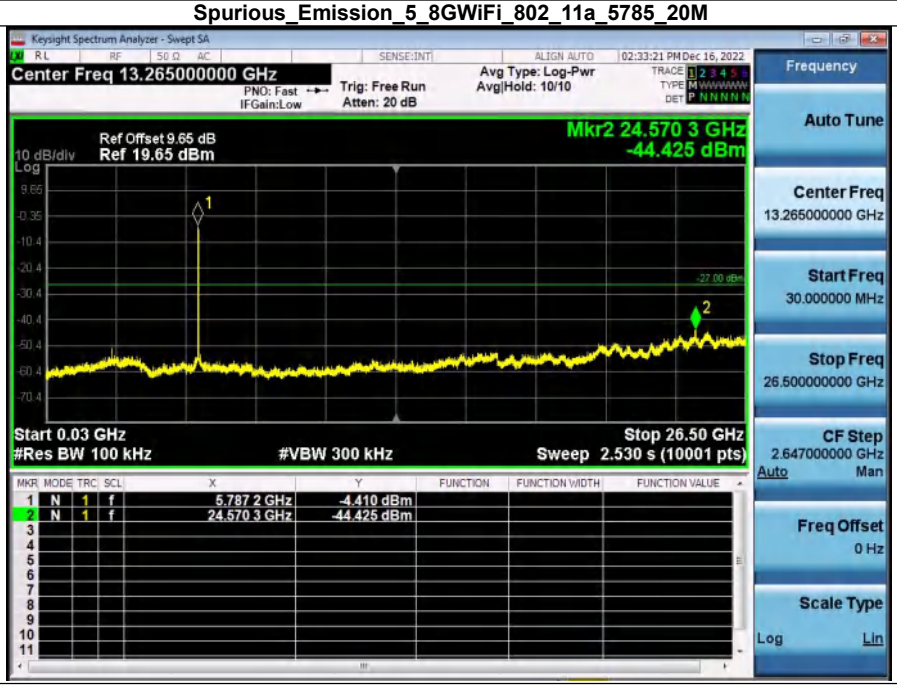

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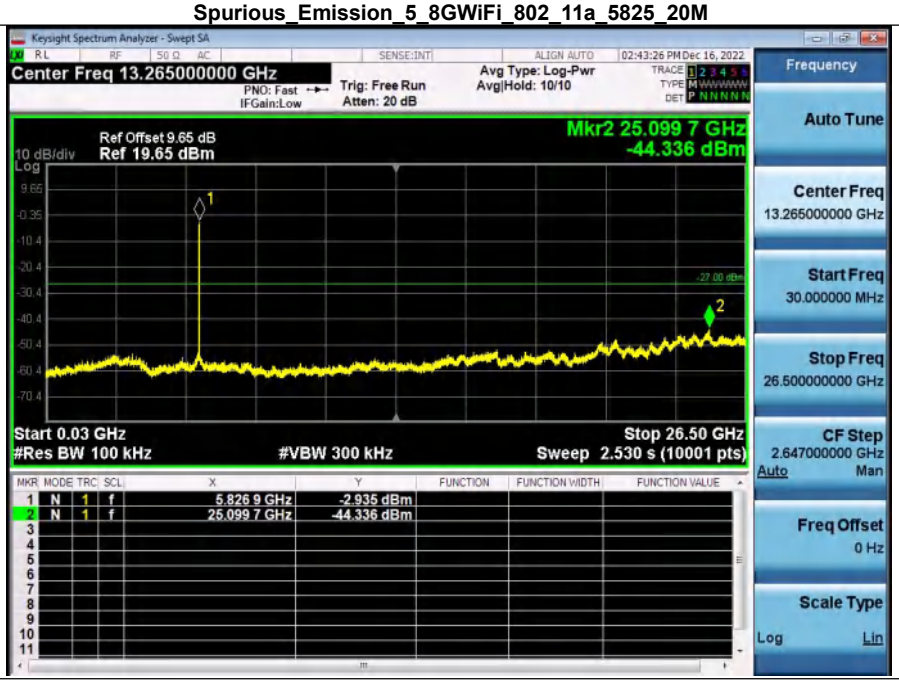

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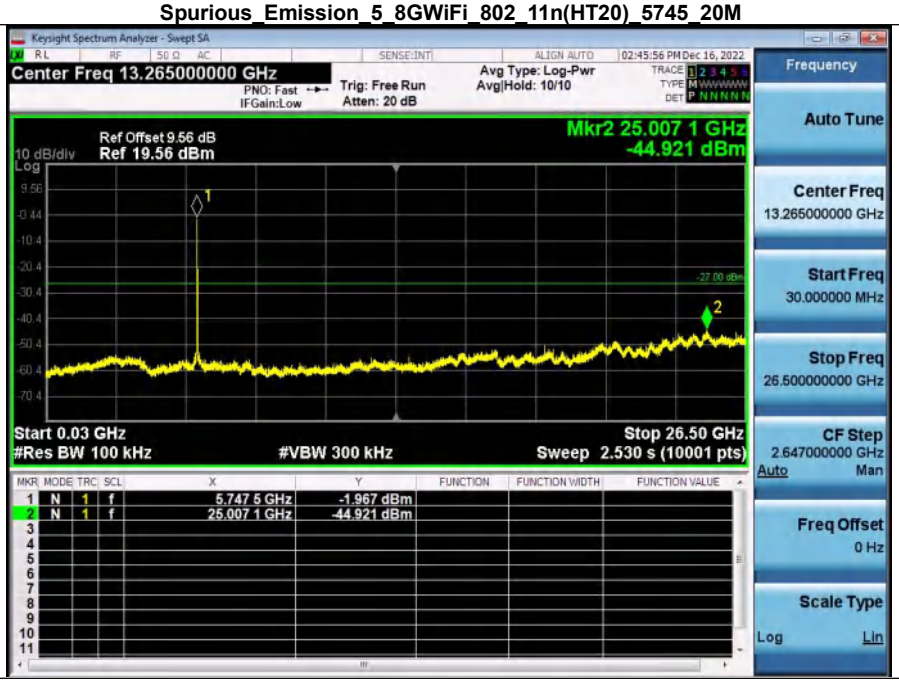

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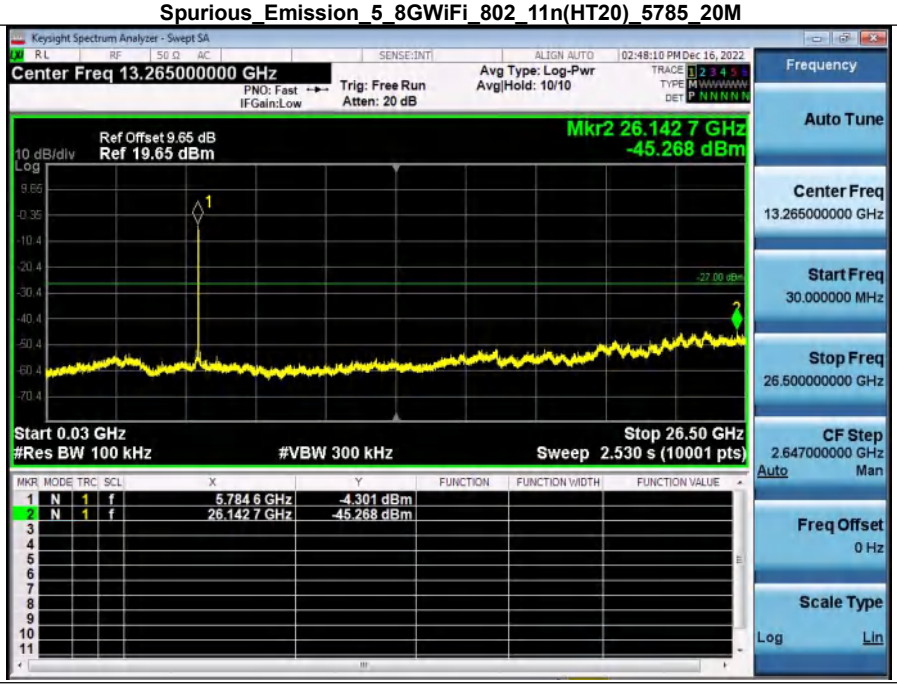

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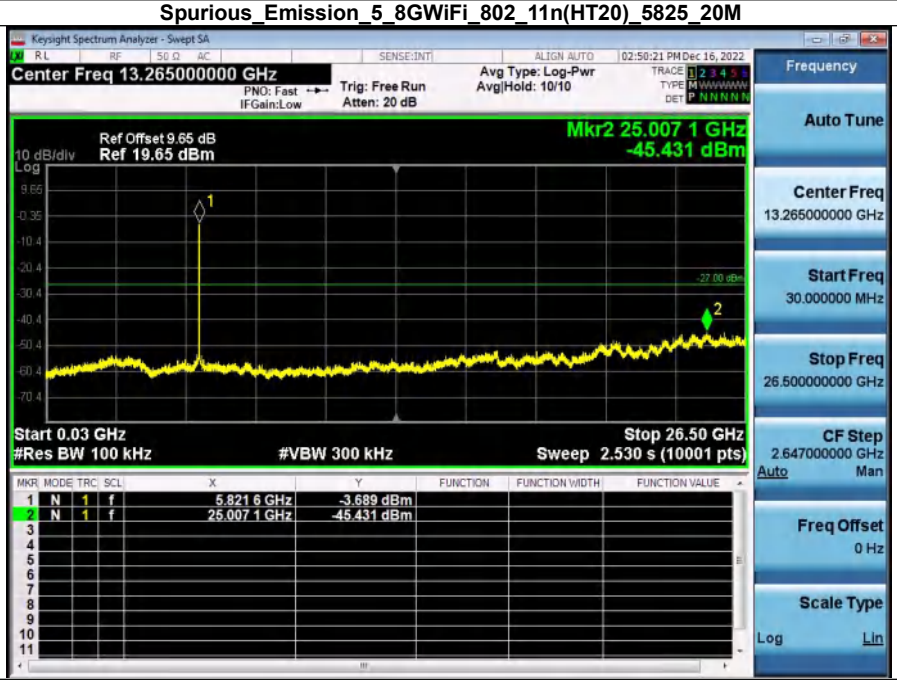

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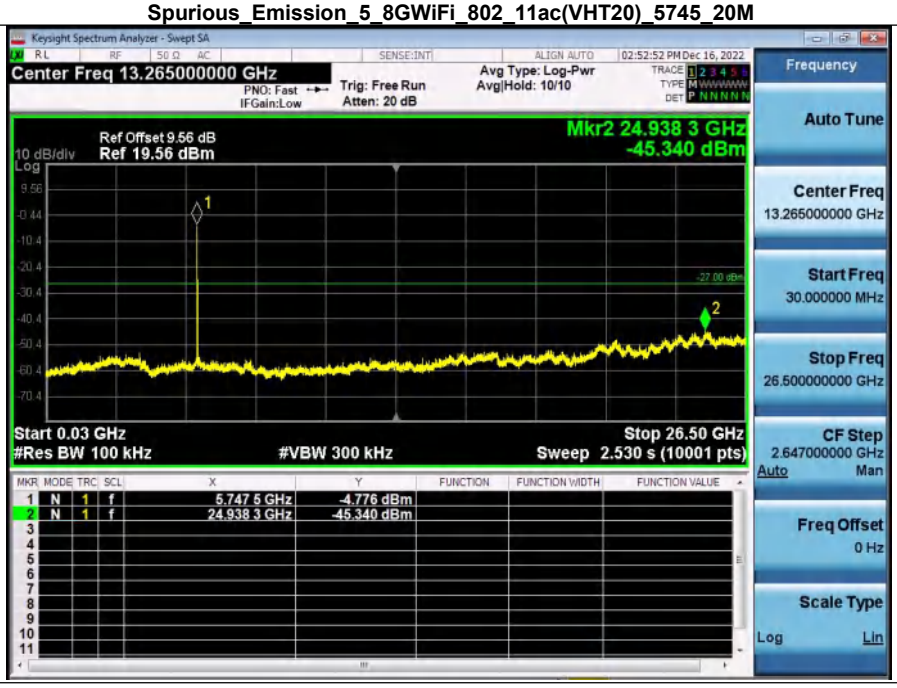

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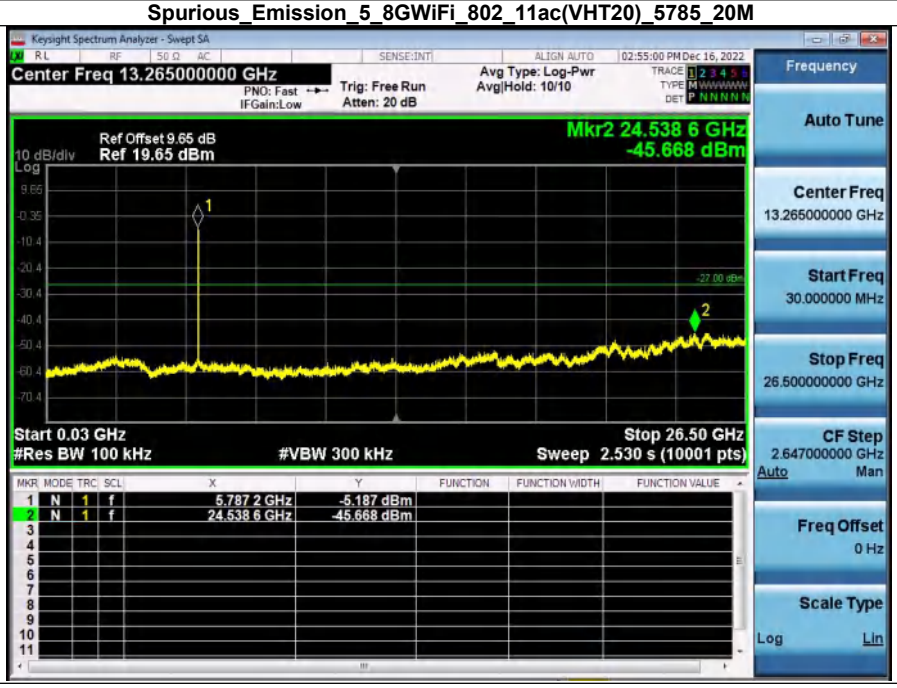

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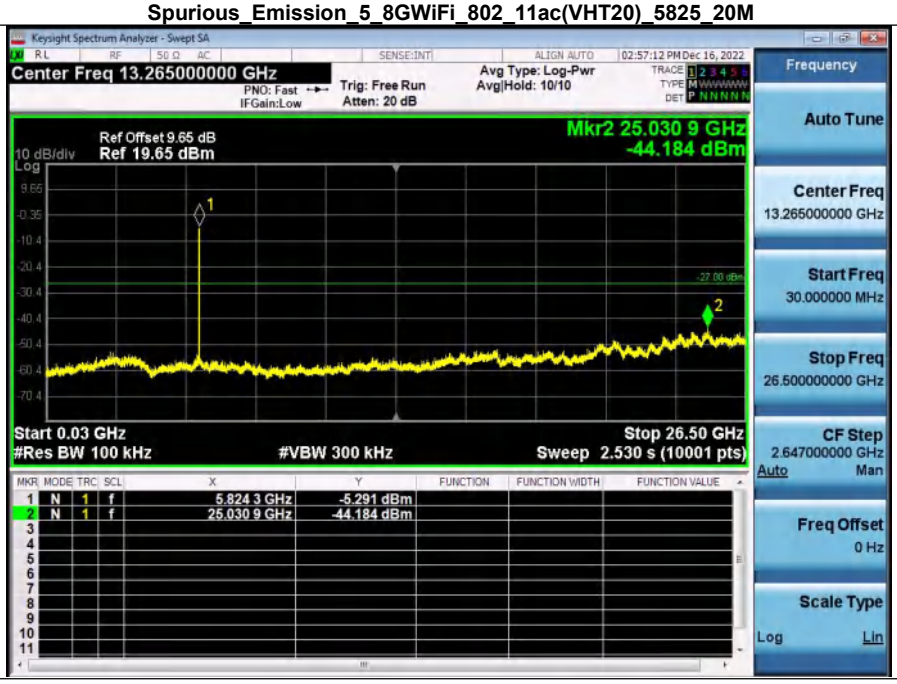

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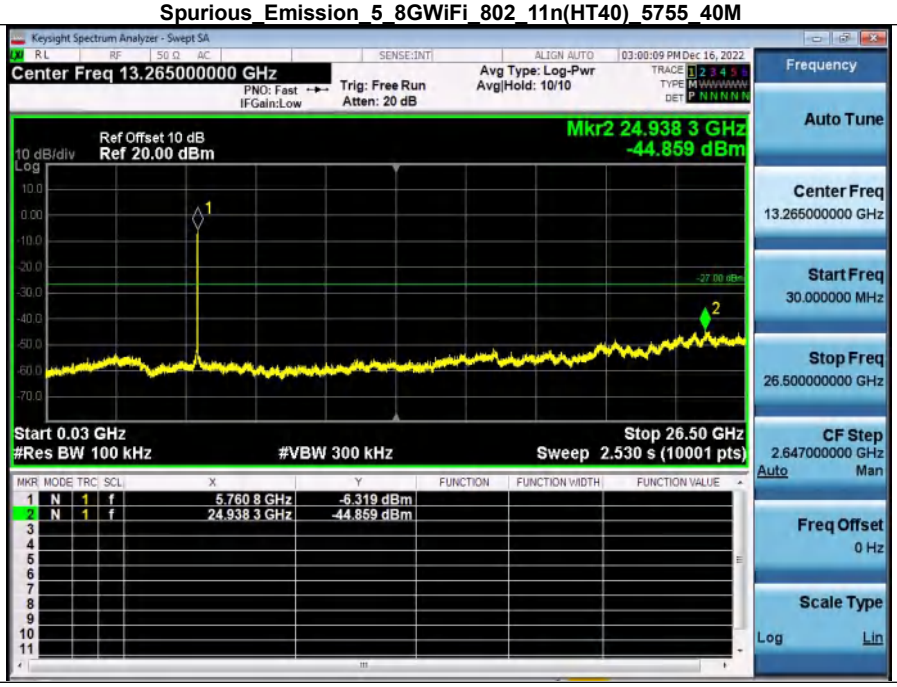

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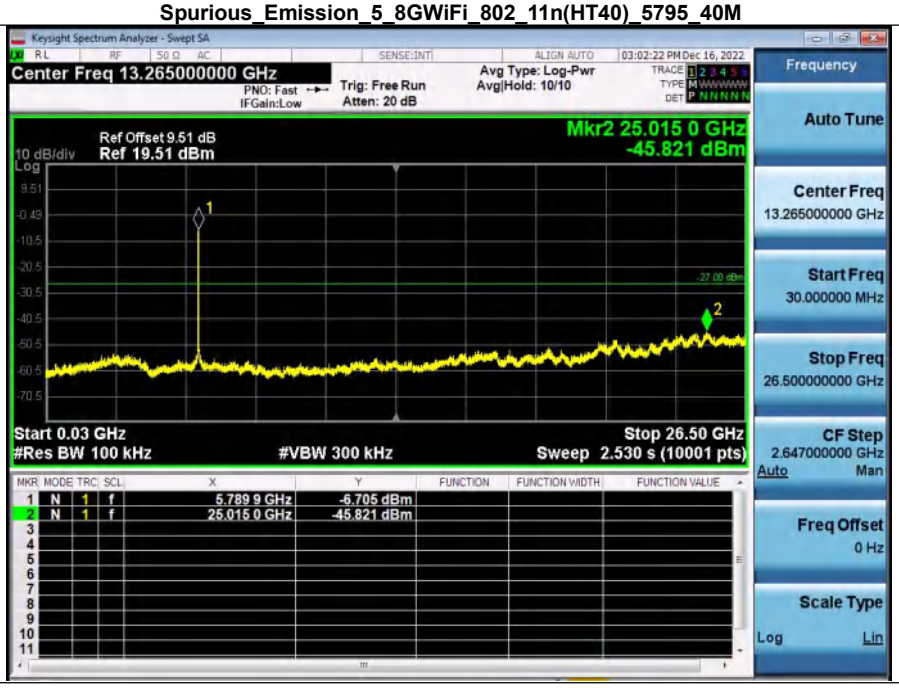

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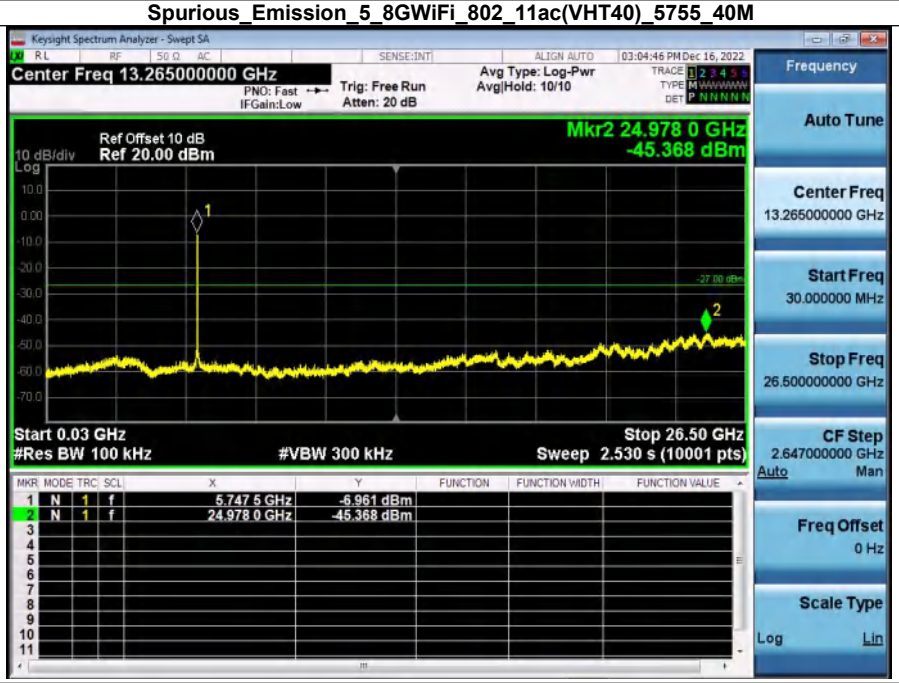

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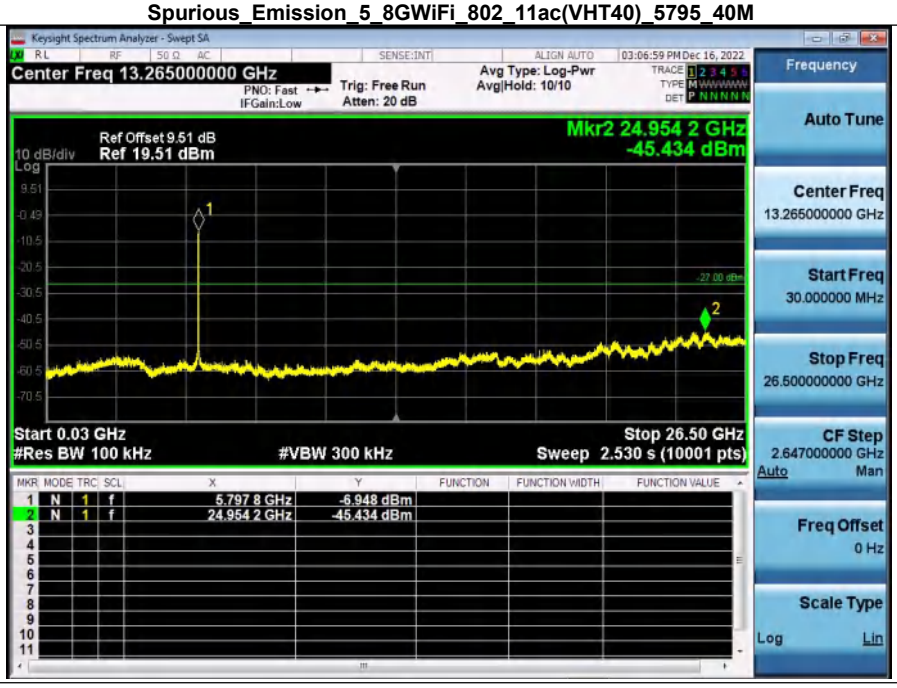

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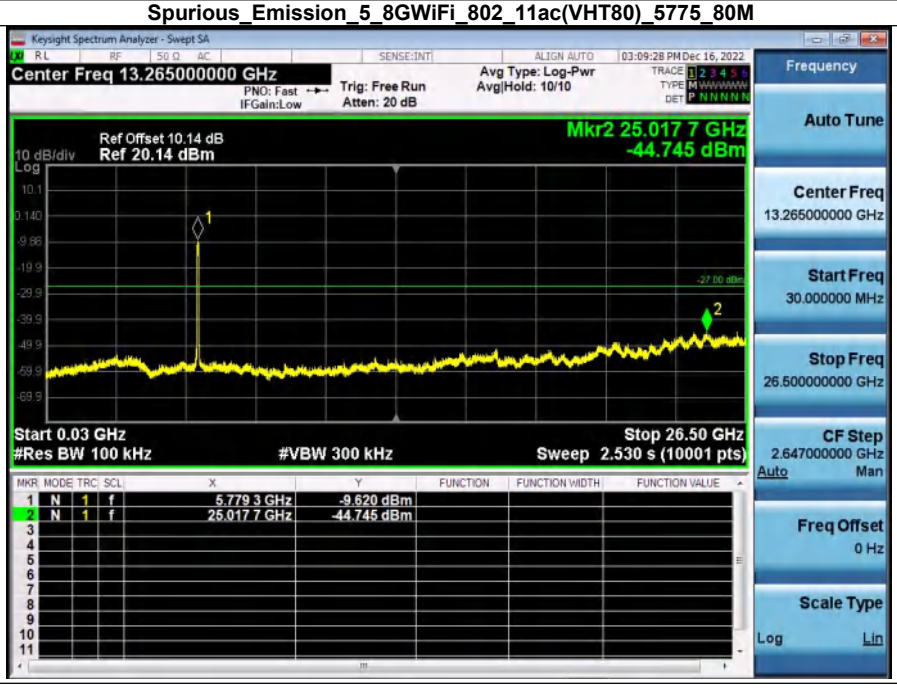

13. TEST SETUP PHOTO

Please refer to Setup Photo file

14. EUT CONSTRUCTIONAL DETAILS

Please refer to external photos file and internal photos file

※※※※※ **END OF REPORT** ※※※※※