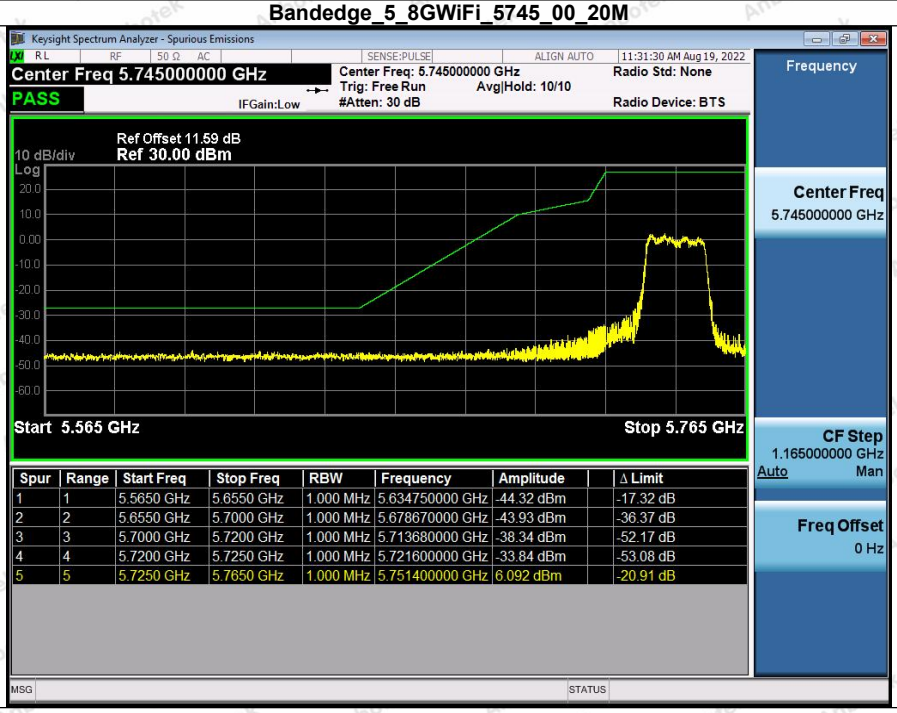
Power_Spectral_Density_5_8GWiFi_5775_00_80M

6. Bandedge

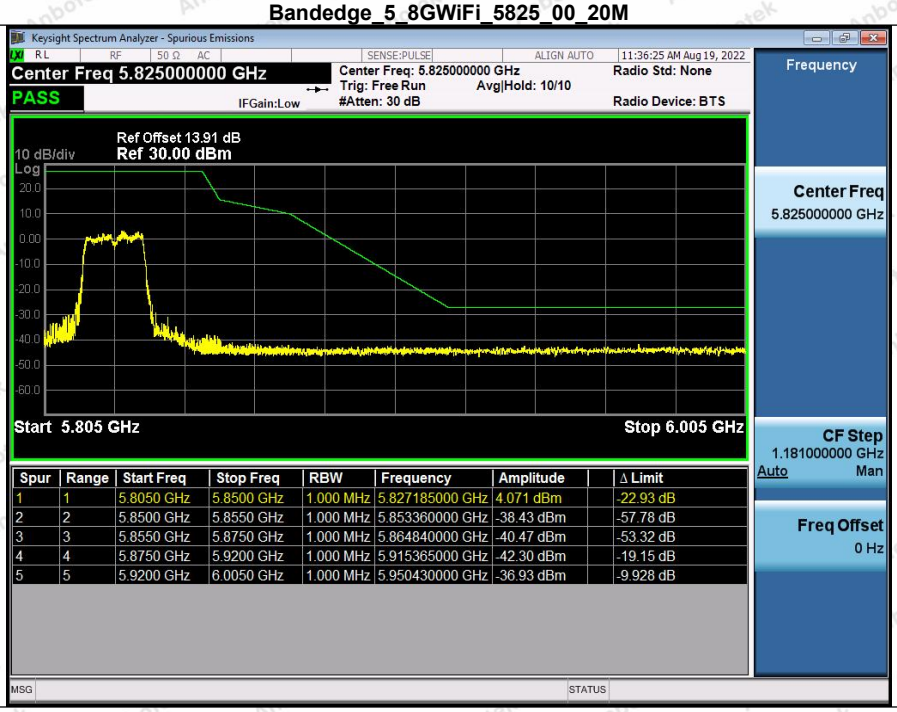
Condition	Antenna	Mode	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	LCH	5565-5655	5634.750	-44.32	-27.00	Pass
NVNT	ANT1	LCH	5655-5700	5678.670	-43.93	-7.54	Pass
NVNT	ANT1	LCH	5700-5720	5713.680	-38.34	13.83	Pass
NVNT	ANT1	LCH	5720-5725	5721.600	-33.84	19.25	Pass
NVNT	ANT1	HCH	5850-5855	5853.360	-38.43	19.34	Pass
NVNT	ANT1	HCH	5855-5875	5864.840	-40.47	12.84	Pass
NVNT	ANT1	HCH	5875-5920	5915.365	-42.30	-23.19	Pass
NVNT	ANT1	HCH	5920-6005	5950.430	-36.93	-27.00	Pass
NVNT	ANT1	LCH	5565-5655	5627.820	-43.51	-27.00	Pass
NVNT	ANT1	LCH	5655-5700	5672.820	-43.90	-12.35	Pass
NVNT	ANT1	LCH	5700-5720	5715.020	-39.26	14.21	Pass
NVNT	ANT1	LCH	5720-5725	5722.095	-36.38	20.38	Pass
NVNT	ANT1	HCH	5850-5855	5854.040	-38.05	17.79	Pass
NVNT	ANT1	HCH	5855-5875	5870.640	-41.92	11.22	Pass
NVNT	ANT1	HCH	5875-5920	5917.480	-42.08	-24.93	Pass
NVNT	ANT1	HCH	5920-6005	5968.960	-37.56	-27.00	Pass
NVNT	ANT1	LCH	5565-5655	5592.900	-43.31	-27.00	Pass
NVNT	ANT1	LCH	5655-5700	5656.845	-44.45	-25.48	Pass
NVNT	ANT1	LCH	5700-5720	5717.300	-38.86	14.84	Pass
NVNT	ANT1	LCH	5720-5725	5723.165	-35.74	22.82	Pass
NVNT	ANT1	HCH	5850-5855	5854.235	-40.46	17.34	Pass
NVNT	ANT1	HCH	5855-5875	5870.260	-42.25	11.33	Pass
NVNT	ANT1	HCH	5875-5920	5917.255	-41.82	-24.74	Pass
NVNT	ANT1	HCH	5920-6005	5933.345	-37.89	-27.00	Pass
NVNT	ANT1	LCH	5595-5655	5616.900	-43.69	-27.00	Pass
NVNT	ANT1	LCH	5655-5700	5661.840	-44.11	-21.38	Pass
NVNT	ANT1	LCH	5700-5720	5718.900	-37.03	15.29	Pass
NVNT	ANT1	LCH	5720-5725	5720.500	-36.71	16.74	Pass
NVNT	ANT1	HCH	5850-5855	5854.900	-43.46	15.83	Pass
NVNT	ANT1	HCH	5855-5875	5874.260	-43.89	10.21	Pass
NVNT	ANT1	HCH	5875-5920	5915.320	-43.20	-23.15	Pass
NVNT	ANT1	HCH	5920-5955	5951.675	-38.31	-27.00	Pass
NVNT	ANT1	LCH	5595-5655	5654.100	-43.53	-27.00	Pass
NVNT	ANT1	LCH	5655-5700	5660.310	-44.15	-22.63	Pass
NVNT	ANT1	LCH	5700-5720	5718.360	-36.48	15.14	Pass
NVNT	ANT1	LCH	5720-5725	5721.120	-36.38	18.15	Pass
NVNT	ANT1	HCH	5850-5855	5854.890	-43.61	15.85	Pass
NVNT	ANT1	HCH	5855-5875	5866.860	-43.63	12.28	Pass
NVNT	ANT1	HCH	5875-5920	5918.740	-43.74	-25.96	Pass
NVNT	ANT1	HCH	5920-5955	5927.945	-38.92	-27.00	Pass
NVNT	ANT1	LCH	5720~5725	5722.500	-41.07	21.30	Pass
NVNT	ANT1	LCH	5720~5725	5719.865	-42.37	15.56	Pass
NVNT	ANT1	LCH	5650~5700	5677.550	-48.11	-6.61	Pass
NVNT	ANT1	LCH	5800~5650	5649.960	-55.08	-27	Pass
NVNT	ANT1	HCH	5850~5855	5851.195	-47.36	18.32	Pass
NVNT	ANT1	HCH	5855~5875	5872.470	-48.11	14.89	Pass
NVNT	ANT1	HCH	5875~5925	5878.760	-52.5	-24.22	Pass
NVNT	ANT1	HCH	5925~5935	5926.120	-54.71	-27	Pass

Bandedge_5_8GWiFi_5745_00_20M



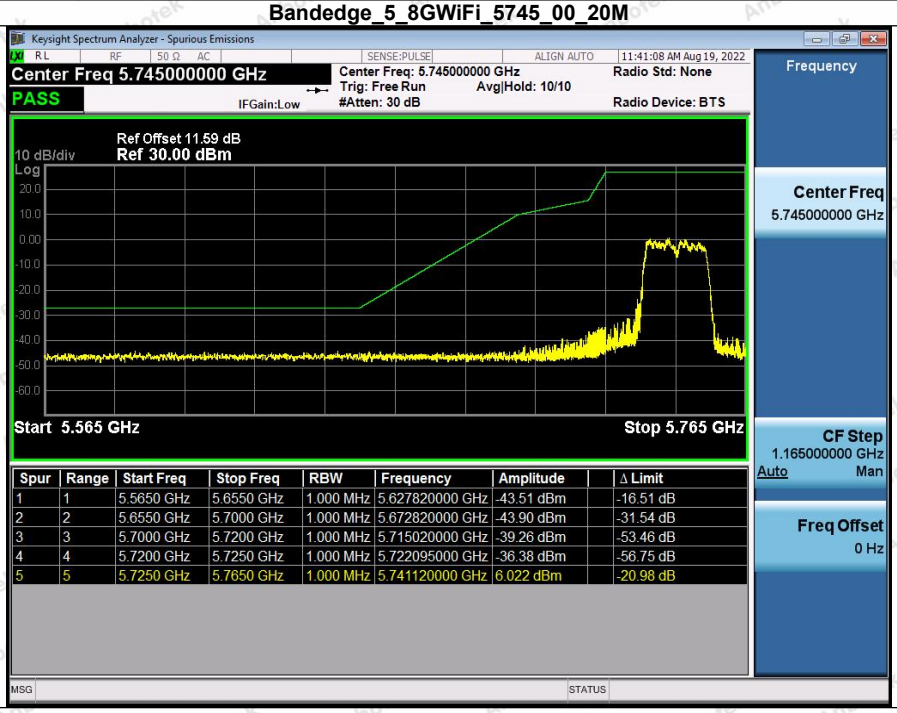
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.634750000 GHz	-44.32 dBm	-17.32 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.678670000 GHz	-43.93 dBm	-36.37 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.713680000 GHz	-38.34 dBm	-52.17 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.721600000 GHz	-33.84 dBm	-53.08 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.751400000 GHz	6.092 dBm	-20.91 dB

Bandedge_5_8GWiFi_5825_00_20M



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.827185000 GHz	4.071 dBm	-22.93 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.853360000 GHz	-38.43 dBm	-57.78 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.864840000 GHz	-40.47 dBm	-53.32 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.915365000 GHz	-42.30 dBm	-19.15 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.950430000 GHz	-36.93 dBm	-9.928 dB

Bandedge_5_8GWiFi_5745_00_20M

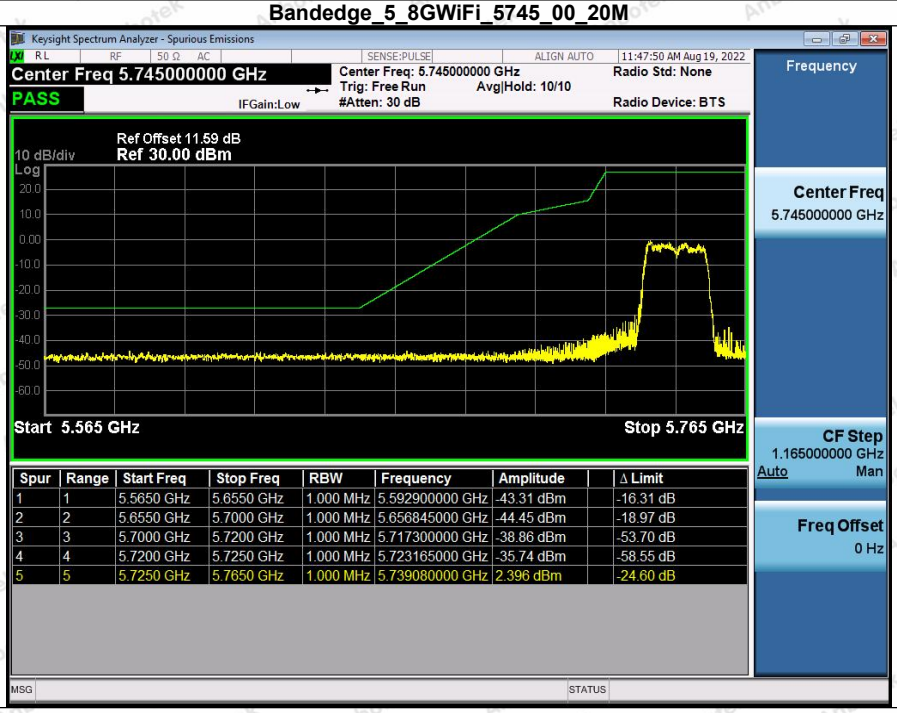


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.627820000 GHz	-43.51 dBm	-16.51 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.672820000 GHz	-43.90 dBm	-31.54 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.715020000 GHz	-39.26 dBm	-53.46 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.722095000 GHz	-36.38 dBm	-56.75 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.741120000 GHz	6.022 dBm	-20.98 dB

Bandedge_5_8GWiFi_5825_00_20M

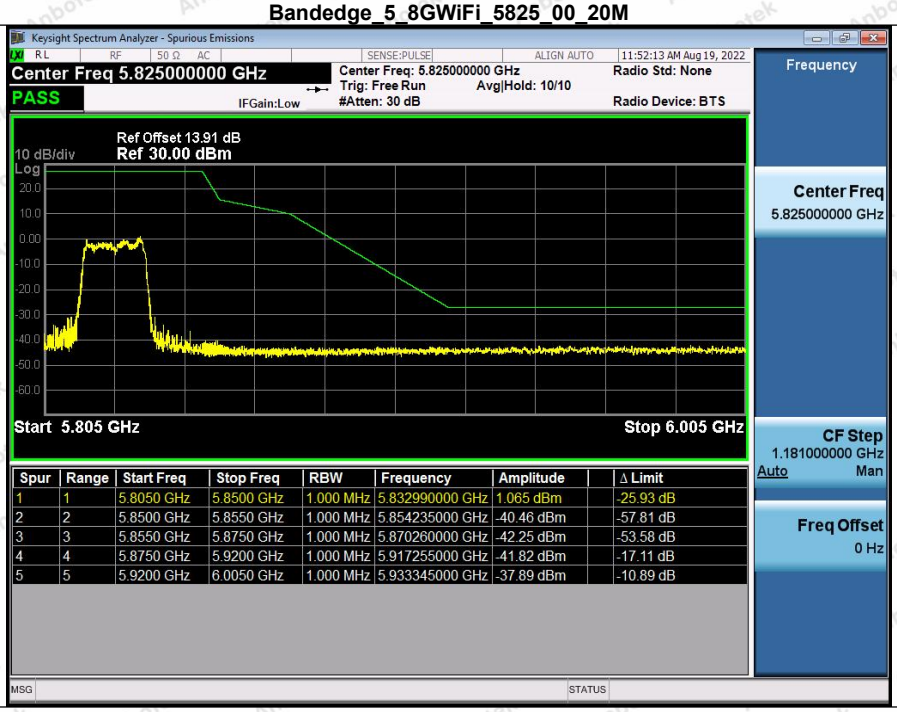
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.827230000 GHz	1.030 dBm	-25.97 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854040000 GHz	-38.05 dBm	-55.85 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.870640000 GHz	-41.92 dBm	-53.14 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.917480000 GHz	-42.08 dBm	-17.19 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.968960000 GHz	-37.56 dBm	-10.56 dB

Bandedge_5_8GWiFi_5745_00_20M



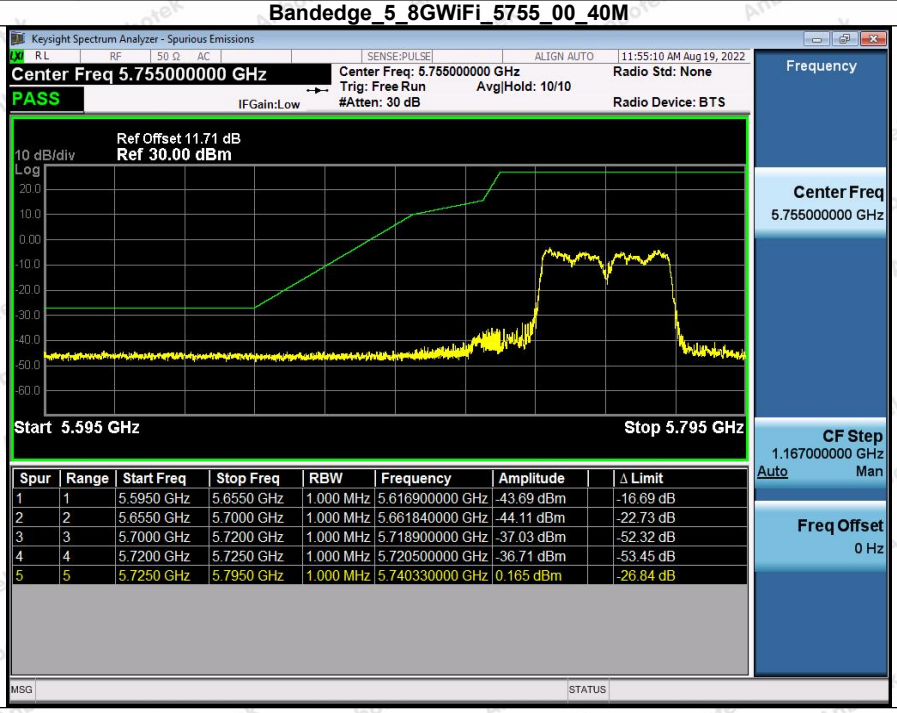
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.592900000 GHz	-43.31 dBm	-16.31 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.656845000 GHz	-44.45 dBm	-18.97 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.717300000 GHz	-38.86 dBm	-53.70 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.723165000 GHz	-35.74 dBm	-58.55 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.739080000 GHz	2.396 dBm	-24.60 dB

Bandedge_5_8GWiFi_5825_00_20M



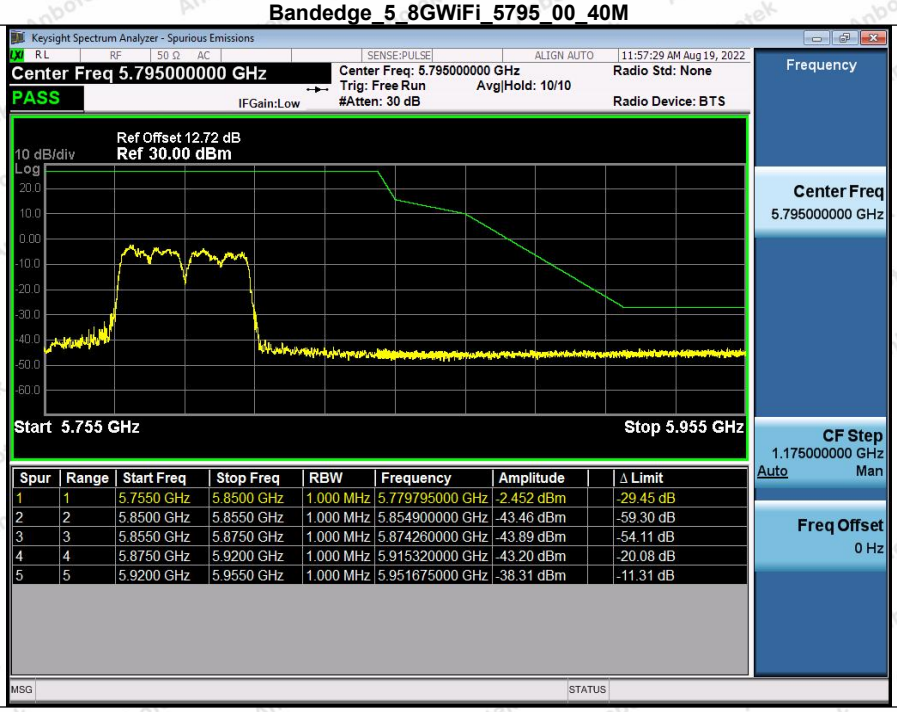
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.832990000 GHz	1.065 dBm	-25.93 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854235000 GHz	-40.46 dBm	-57.81 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.870260000 GHz	-42.25 dBm	-53.58 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.917255000 GHz	-41.82 dBm	-17.11 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.933345000 GHz	-37.89 dBm	-10.89 dB

Bandedge_5_8GWiFi_5755_00_40M



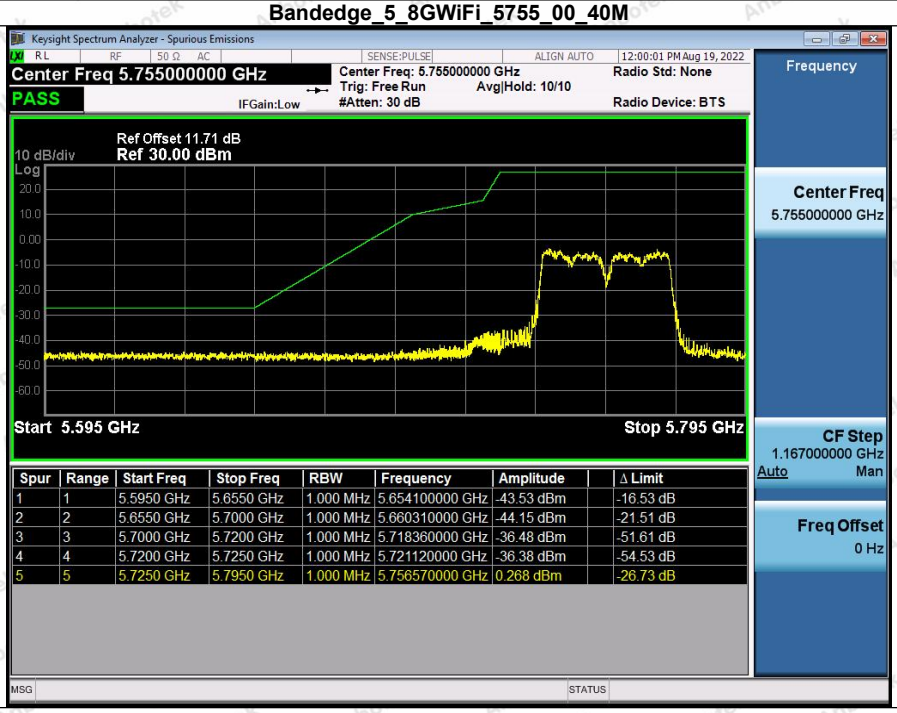
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5950 GHz	5.6550 GHz	1.000 MHz	5.616900000 GHz	-43.69 dBm	-16.69 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.661840000 GHz	-44.11 dBm	-22.73 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.718900000 GHz	-37.03 dBm	-52.32 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.720500000 GHz	-36.71 dBm	-53.45 dB
5	5	5.7250 GHz	5.7950 GHz	1.000 MHz	5.740330000 GHz	0.165 dBm	-26.84 dB

Bandedge_5_8GWiFi_5795_00_40M



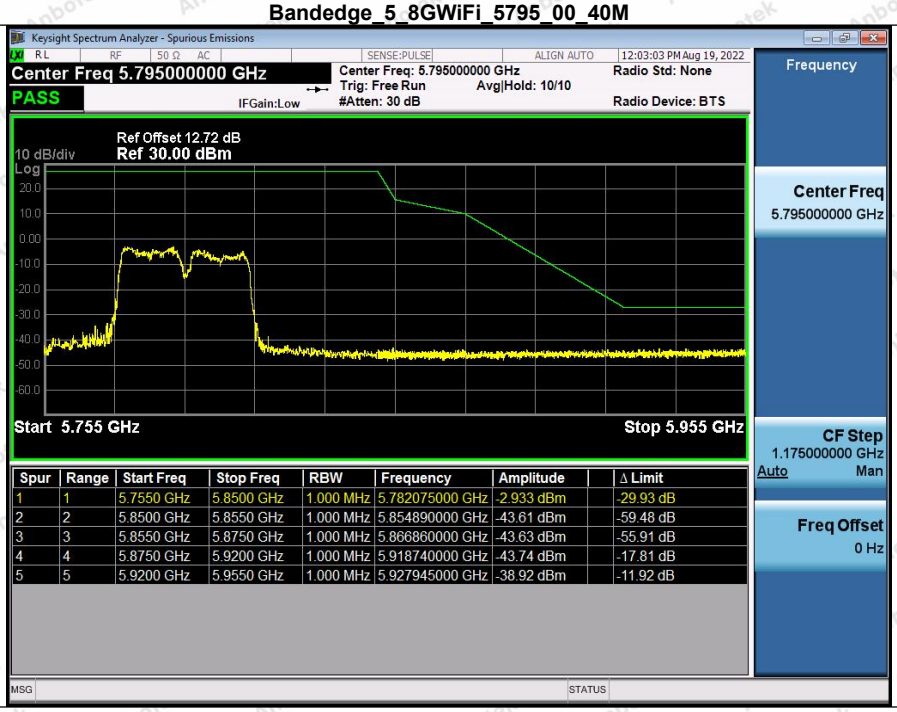
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.7550 GHz	5.8500 GHz	1.000 MHz	5.779795000 GHz	-2.452 dBm	-29.45 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854900000 GHz	-43.46 dBm	-59.30 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.874260000 GHz	-43.89 dBm	-54.11 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.915320000 GHz	-43.20 dBm	-20.08 dB
5	5	5.9200 GHz	5.9550 GHz	1.000 MHz	5.951675000 GHz	-38.31 dBm	-11.31 dB

Bandedge_5_8GWiFi_5755_00_40M



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	5.5950 GHz	5.6550 GHz	1.000 MHz	5.654100000 GHz	-43.53 dBm		-16.53 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.660310000 GHz	-44.15 dBm		-21.51 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.718360000 GHz	-36.48 dBm		-51.61 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.721120000 GHz	-36.38 dBm		-54.53 dB
5	5	5.7250 GHz	5.7950 GHz	1.000 MHz	5.756570000 GHz	0.268 dBm		-26.73 dB

Bandedge_5_8GWiFi_5795_00_40M



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	5.7550 GHz	5.8500 GHz	1.000 MHz	5.782075000 GHz	-2.933 dBm		-29.93 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.854890000 GHz	-43.61 dBm		-59.48 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.866860000 GHz	-43.63 dBm		-55.91 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.918740000 GHz	-43.74 dBm		-17.81 dB
5	5	5.9200 GHz	5.9550 GHz	1.000 MHz	5.927945000 GHz	-38.92 dBm		-11.92 dB

Bandedge_5_8GWiFi_5775_00_80M

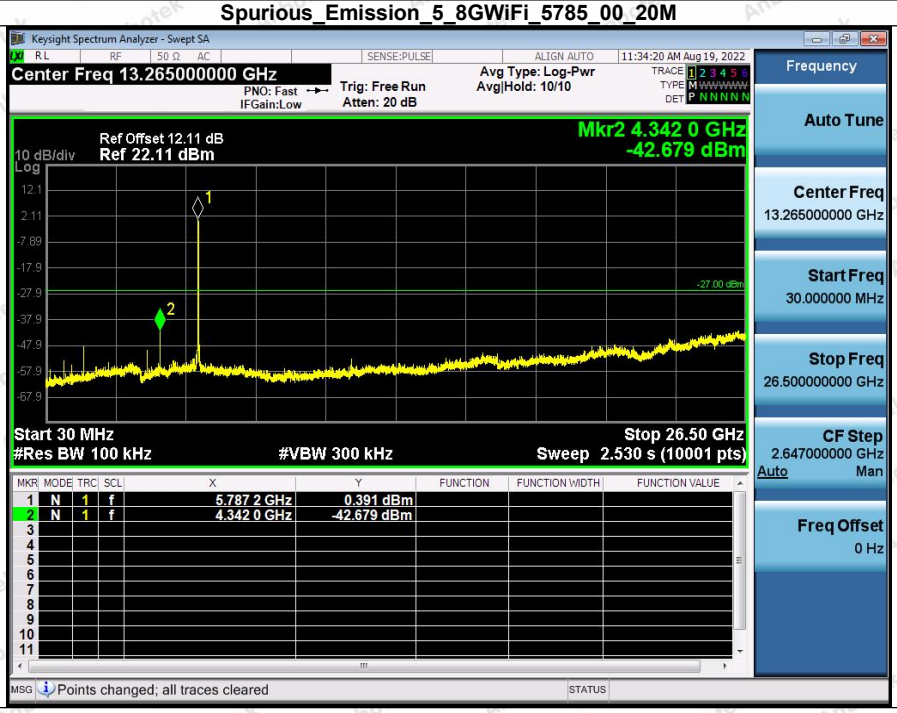
Bandedge_5_8GWiFi_5775_00_80M

7. Spurious Emission

Condition	Antenna	Modulation	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	26140.01	-42.68	-27	Pass
NVNT	ANT1	802.11a	26192.95	-42.32	-27	Pass
NVNT	ANT1	802.11a	26140.01	-39.97	-27	Pass
NVNT	ANT1	802.11n(HT20)	26145.30	-41.29	-27	Pass
NVNT	ANT1	802.11n(HT20)	26121.48	-41.77	-27	Pass
NVNT	ANT1	802.11n(HT20)	26039.42	-40.09	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	26118.83	-42.33	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	26335.89	-41.76	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	26121.48	-40.11	-27	Pass
NVNT	ANT1	802.11n(HT40)	26124.13	-42.55	-27	Pass
NVNT	ANT1	802.11n(HT40)	26031.48	-40.87	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	26142.65	-42.54	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	26140.01	-40.93	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	26102.95	-42.67	-27	Pass

Spurious_Emission_5_8GWiFi_5745_00_20M

Spurious_Emission_5_8GWiFi_5785_00_20M



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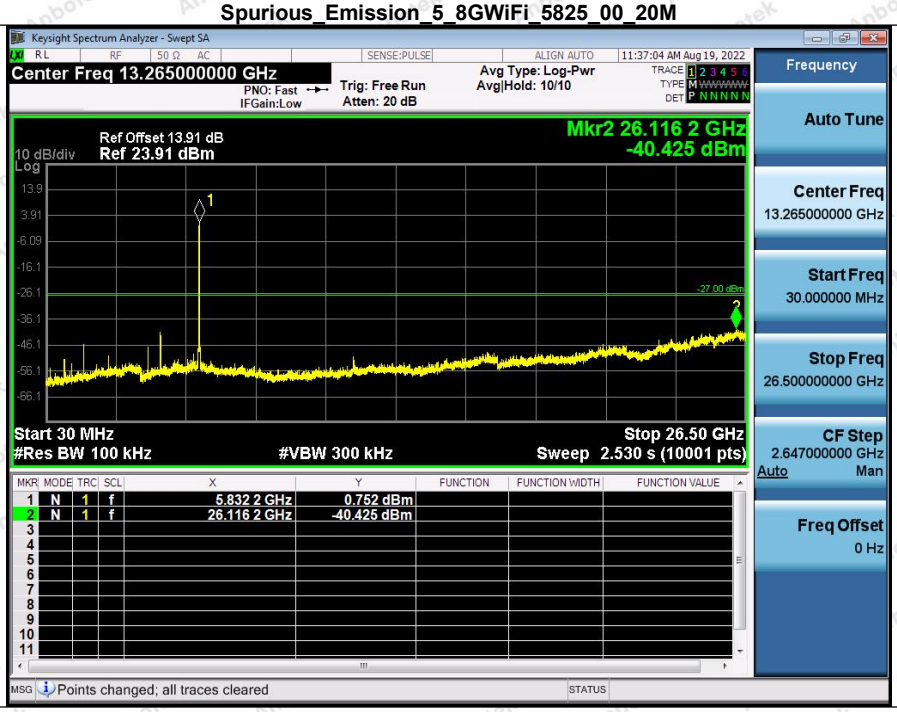

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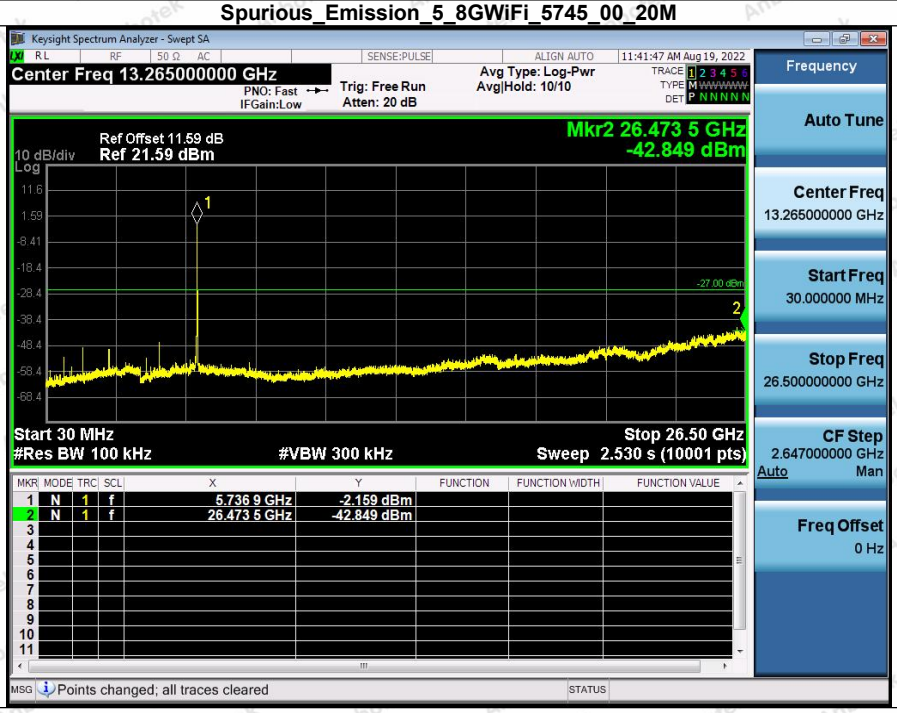

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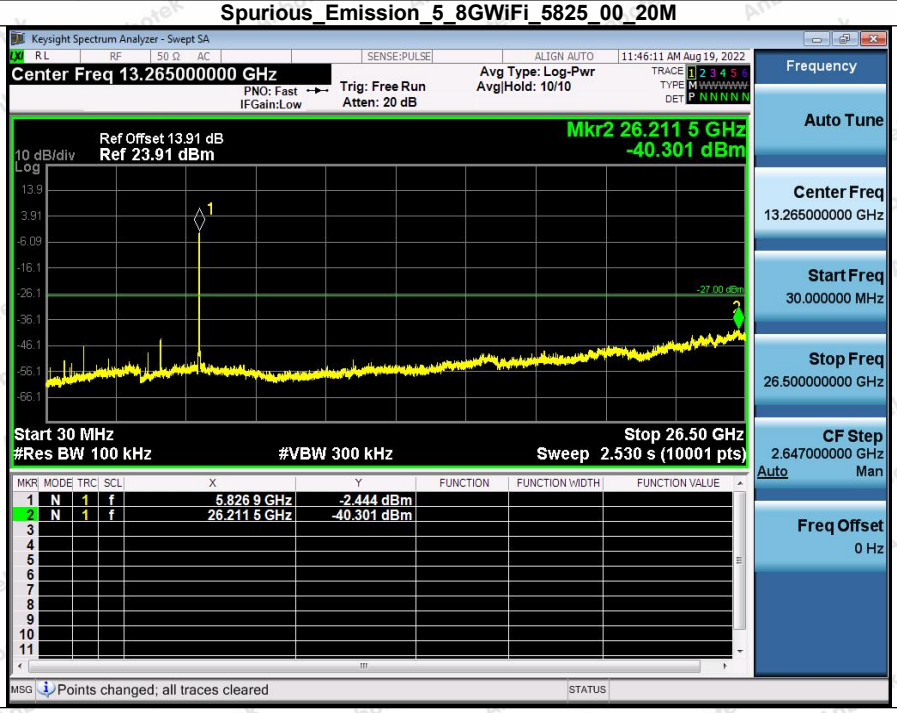
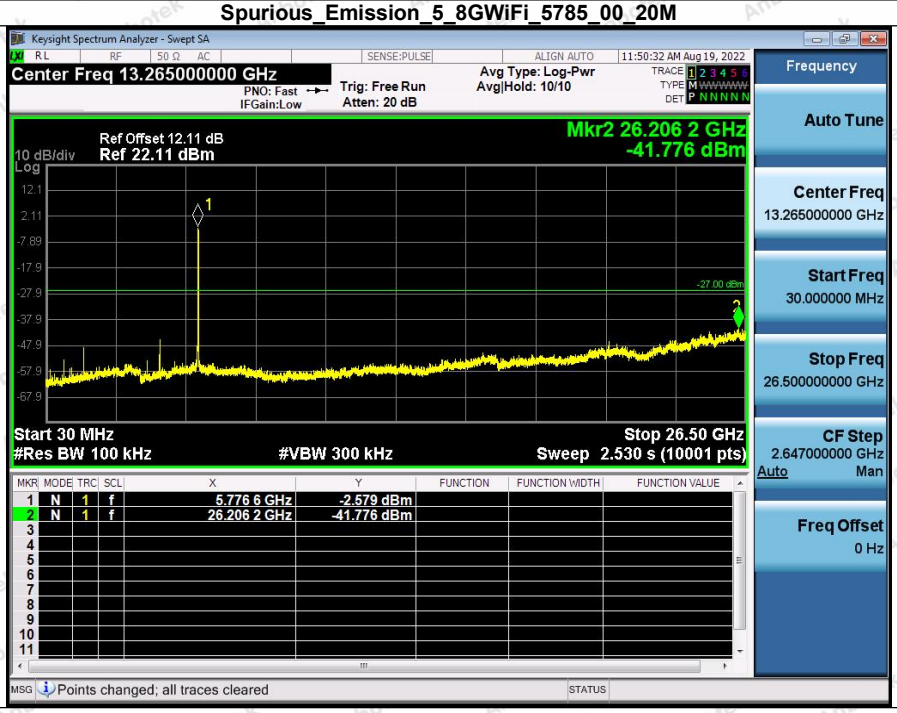


Spurious_Emission_5_8GWiFi_5745_00_20M

Spurious_Emission_5_8GWiFi_5785_00_20M



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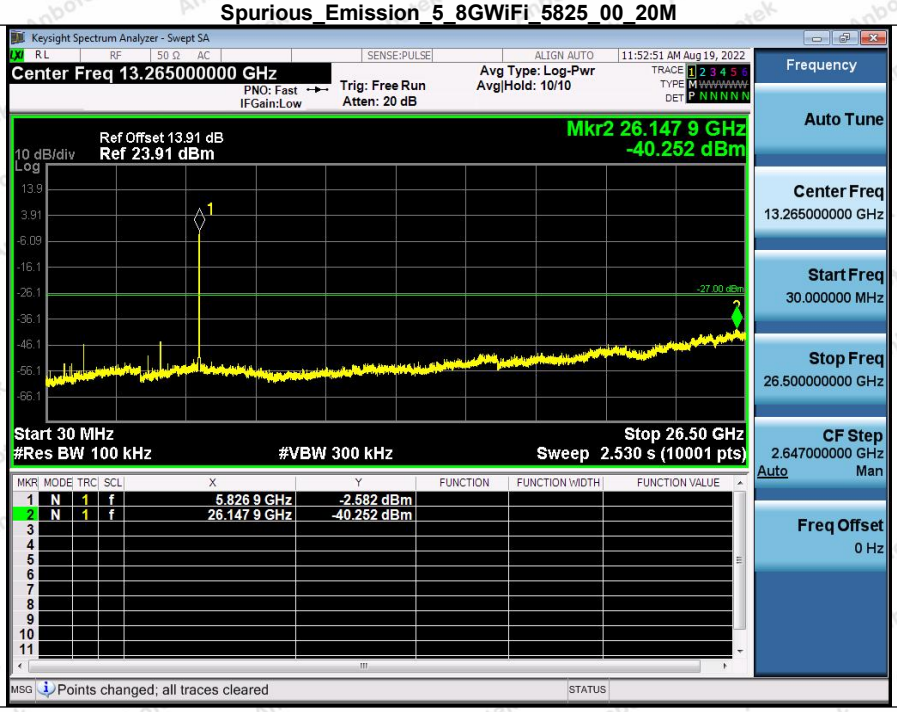
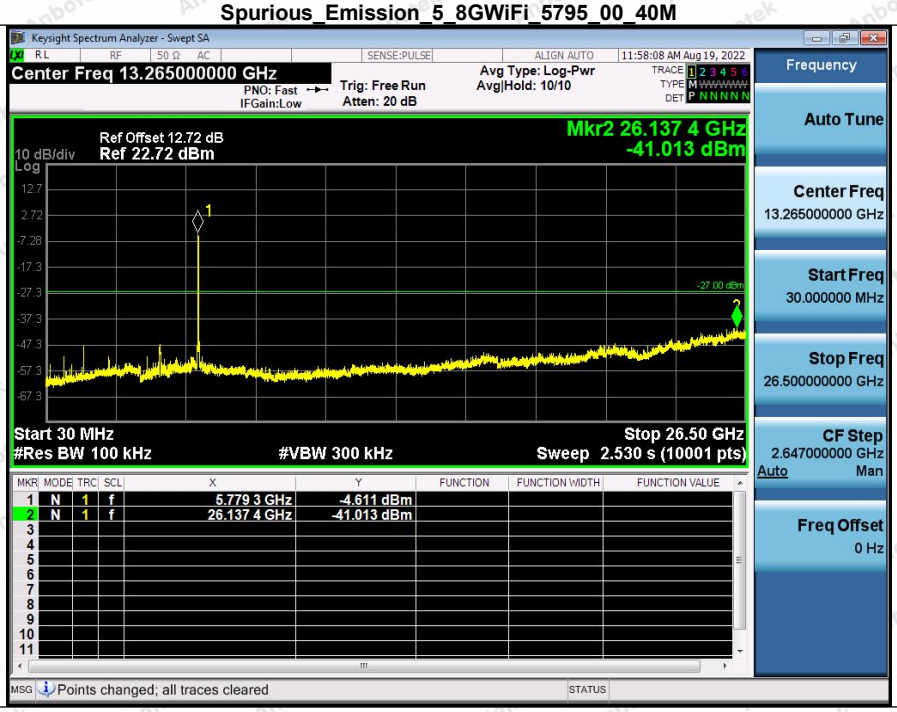


Spurious_Emission_5_8GWiFi_5755_00_40M

Spurious_Emission_5_8GWiFi_5795_00_40M



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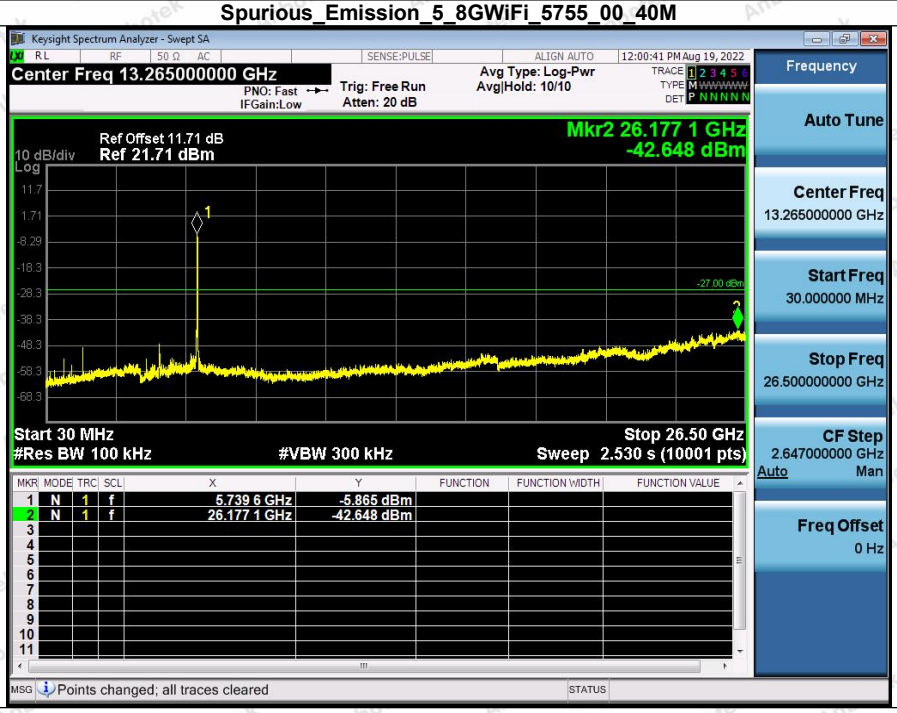
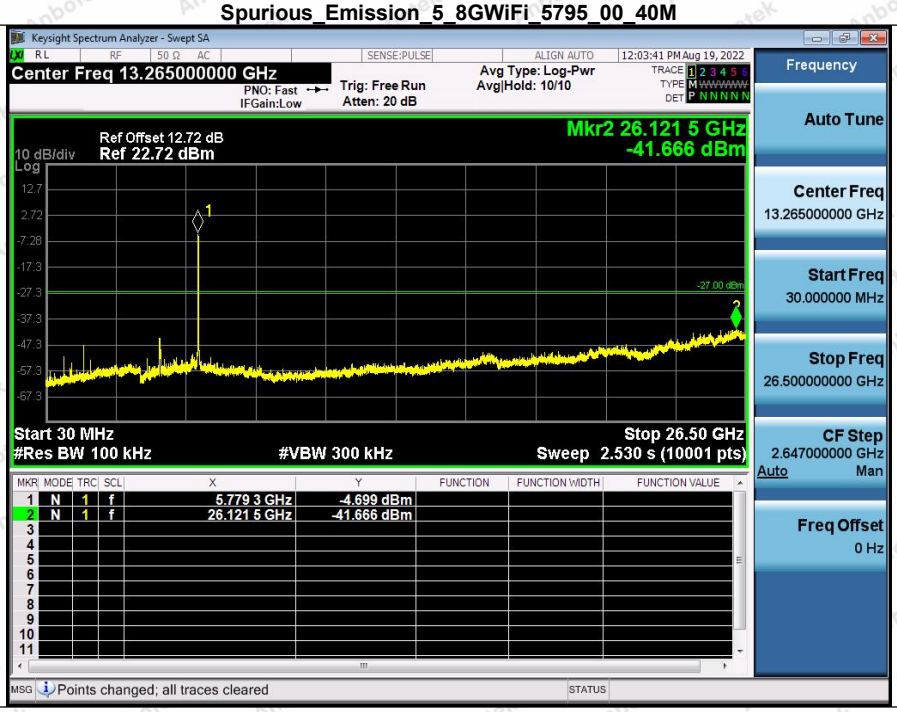
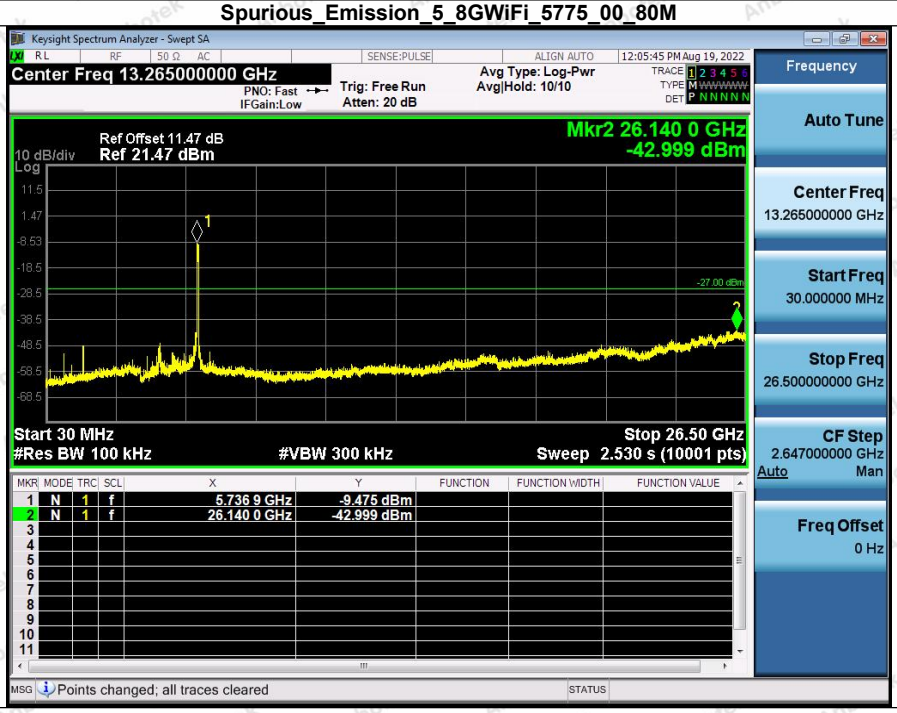


Spurious_Emission_5_8GWiFi_5795_00_40M



Spurious_Emission_5_8GWiFi_5775_00_80M



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