



802.11n HT20

Polar (H/V)	Frequency	Meter Reading	Pre- amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
operation frequency:5180									
V	5150	51.14	49.12	15.6	37.34	54.96	74	-19.04	PK
V	5150	33.19	49.12	15.6	37.34	37.01	54	-16.99	AV
V	5145	51.25	49.19	15.24	40.43	57.73	74	-16.27	PK
V	5145	33.33	49.19	15.24	40.43	39.81	54	-14.19	AV
H	5150	51.85	49.12	15.6	37.34	55.67	74	-18.33	PK
H	5150	33.14	49.12	15.6	37.34	36.96	54	-17.04	AV
H	5145	50.96	49.19	15.24	40.43	57.44	74	-16.56	PK
H	5145	32.14	49.19	15.24	40.43	38.62	54	-15.38	AV
operation frequency:5240									
V	5350	53.63	49.13	15.32	37.46	57.28	74	-16.72	PK
V	5350	34.37	49.13	15.32	37.46	38.02	54	-15.98	AV
V	5370	50.14	49.24	15.36	40.51	56.77	74	-17.23	PK
V	5370	33.36	49.24	15.36	40.51	39.99	54	-14.01	AV
H	5350	54.47	49.13	15.32	31.31	51.97	74	-22.03	PK
H	5350	36.96	49.13	15.32	31.31	34.46	54	-19.54	AV
H	5370	51.19	49.24	15.36	40.51	57.82	74	-16.18	PK
H	5370	33.34	49.24	15.36	40.51	39.97	54	-14.03	AV
Remark:									
1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit									
2. If peak below the average limit, the average emission was no test.									
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.									



802.11ac HT20

Polar (H/V)	Frequency	Meter Reading	Pre- amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
operation frequency:5180									
V	5150	52.69	49.12	15.33	37.41	56.31	74	-17.69	PK
V	5150	34.34	49.12	15.33	37.41	37.96	54	-16.04	AV
V	5145	51.58	49.19	15.28	40.46	58.13	74	-15.87	PK
V	5145	33.24	49.19	15.28	40.46	39.79	54	-14.21	AV
H	5150	52.96	49.12	15.33	37.41	56.58	74	-17.42	PK
H	5150	34.14	49.12	15.33	37.41	37.76	54	-16.24	AV
H	5145	50.99	49.19	15.28	40.46	57.54	74	-16.46	PK
H	5145	33.27	49.19	15.28	40.46	39.82	54	-14.18	AV
operation frequency:5240									
V	5350	53.19	49.13	15.32	37.46	56.84	74	-17.16	PK
V	5350	36.52	49.13	15.32	37.46	40.17	54	-13.83	AV
V	5370	50.19	49.24	15.36	40.51	56.82	74	-17.18	PK
V	5370	33.94	49.24	15.36	40.51	40.57	54	-13.43	AV
H	5350	53.85	49.13	15.32	31.31	51.35	74	-22.65	PK
H	5350	40.14	49.13	15.32	31.31	37.64	54	-16.36	AV
H	5370	51.59	49.24	15.36	40.51	58.22	74	-15.78	PK
H	5370	35.14	49.24	15.36	40.51	41.77	54	-12.23	AV
Remark: 1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit 2. If peak below the average limit, the average emission was no test. 3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.									



802.11n HT40

Polar (H/V)	Frequency	Meter Reading	Pre- amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
operation frequency:5190									
V	5150	52.19	49.12	15.6	37.39	56.06	74	-17.94	PK
V	5150	35.25	49.12	15.6	37.39	39.12	54	-14.88	AV
V	5145	51.37	49.19	15.24	40.45	57.87	74	-16.13	PK
V	5145	34.49	49.19	15.24	40.45	40.99	54	-13.01	AV
H	5150	52.41	49.12	15.6	37.39	56.28	74	-17.72	PK
H	5150	34.19	49.12	15.6	37.39	38.06	54	-15.94	AV
H	5145	50.85	49.19	15.24	40.45	57.35	74	-16.65	PK
H	5145	35.66	49.19	15.24	40.45	42.16	54	-11.84	AV
operation frequency:5230									
V	5350	53.86	49.13	15.34	37.46	57.53	74	-16.47	PK
V	5350	37.37	49.13	15.34	37.46	41.04	54	-12.96	AV
V	5370	50.52	49.24	15.35	40.51	57.14	74	-16.86	PK
V	5370	36.33	49.24	15.35	40.51	42.95	54	-11.05	AV
H	5350	54.49	49.13	15.34	31.31	52.01	74	-21.99	PK
H	5350	41.14	49.13	15.34	31.31	38.66	54	-15.34	AV
H	5370	52.19	49.24	15.35	40.51	58.81	74	-15.19	PK
H	5370	36.14	49.24	15.35	40.51	42.76	54	-11.24	AV
Remark: 1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit 2. If peak below the average limit, the average emission was no test. 3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.									



802.11ac HT40

Polar (H/V)	Frequency	Meter Reading	Pre- amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
operation frequency:5190									
V	5150	52.96	49.12	15.32	37.41	56.57	74	-17.43	PK
V	5150	37.17	49.12	15.32	37.41	40.78	54	-13.22	AV
V	5145	52.84	49.19	15.36	40.46	59.47	74	-14.53	PK
V	5145	36.33	49.19	15.36	40.46	42.96	54	-11.04	AV
H	5150	52.48	49.12	15.32	37.41	56.09	74	-17.91	PK
H	5150	37.14	49.12	15.32	37.41	40.75	54	-13.25	AV
H	5145	51.13	49.19	15.36	40.46	57.76	74	-16.24	PK
H	5145	36.14	49.19	15.36	40.46	42.77	54	-11.23	AV
operation frequency:5230									
V	5350	54.96	49.13	15.34	37.34	58.51	74	-15.49	PK
V	5350	36.41	49.13	15.34	37.34	39.96	54	-14.04	AV
V	5370	51.52	49.24	15.35	40.43	58.06	74	-15.94	PK
V	5370	36.39	49.24	15.35	40.43	42.93	54	-11.07	AV
H	5350	54.41	49.13	15.34	37.34	57.96	74	-16.04	PK
H	5350	41.69	49.13	15.34	37.34	45.24	54	-8.76	AV
H	5370	50.14	49.24	15.35	40.43	56.68	74	-17.32	PK
H	5370	35.96	49.24	15.35	40.43	42.5	54	-11.5	AV
Remark: 1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit 2. If peak below the average limit, the average emission was no test. 3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.									



802.11ac HT80

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre- amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
operation frequency:5210									
V	5150	52.34	49.13	15.32	37.48	56.01	74	-17.99	PK
V	5150	35.42	49.13	15.32	37.48	39.09	54	-14.91	AV
V	5145	51.96	49.24	15.36	40.42	58.5	74	-15.5	PK
V	5145	35.14	49.24	15.36	40.42	41.68	54	-12.32	AV
H	5150	52.19	49.13	15.32	37.48	55.86	74	-18.14	PK
H	5150	36.62	49.13	15.32	37.48	40.29	54	-13.71	AV
H	5145	50.13	49.24	15.36	40.42	56.67	74	-17.33	PK
H	5145	35.68	49.24	15.36	40.42	42.22	54	-11.78	AV
operation frequency:5210									
V	5350	52.96	49.13	15.32	37.48	56.63	74	-17.37	PK
V	5350	35.52	49.13	15.32	37.48	39.19	54	-14.81	AV
V	5370	51.48	49.24	15.36	40.42	58.02	74	-15.98	PK
V	5370	35.96	49.24	15.36	40.42	42.5	54	-11.5	AV
H	5350	52.85	49.13	15.32	37.48	56.52	74	-17.48	PK
H	5350	36.69	49.13	15.32	37.48	40.36	54	-13.64	AV
H	5370	50.17	49.24	15.36	40.42	56.71	74	-17.29	PK
H	5370	35.69	49.24	15.36	40.42	42.23	54	-11.77	AV
Remark: 1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit 2. If peak below the average limit, the average emission was no test. 3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.									



3.3 CONDUCTED BAND EMISSION MEASUREMENT

3.3.1 TEST REQUIREMENT:

FCC Part15 C Section 15.209 and 15.407

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Spectrum Parameter	Setting	
Attenuation	Auto	
Start Frequency	5150MHz	5725MHz
Stop Frequency	5250MHz	5850MHz
RB / VB (emission in restricted band)	1 MHz / 3 MHz for Peak, 1 MHz / 10Hz for Average	

3.3.2 TEST PROCEDURE

Test method: FCC KDB 789033 G)& Parts 15.407(b)(4) & 15.209(a)

3.3.3 DEVIATION FROM TEST STANDARD

No deviation

3.3.4 TEST SETUP



3.3.5 EUT OPERATING CONDITIONS

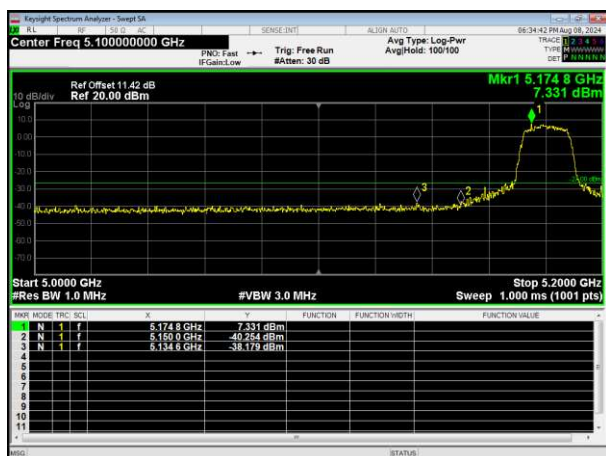
The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



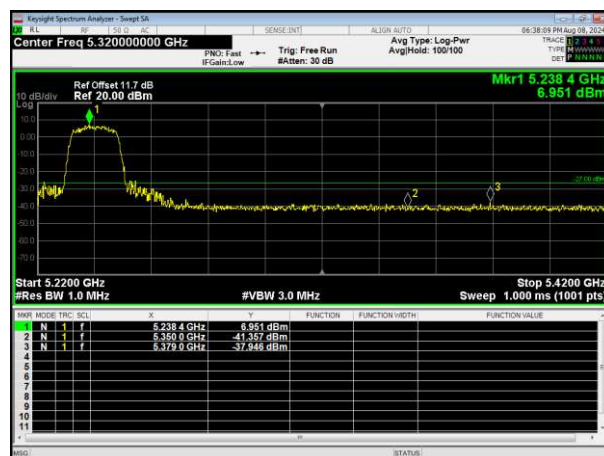
3.3.6 TEST RESULT

The antenna gain is compensated in the test data.

802.11a

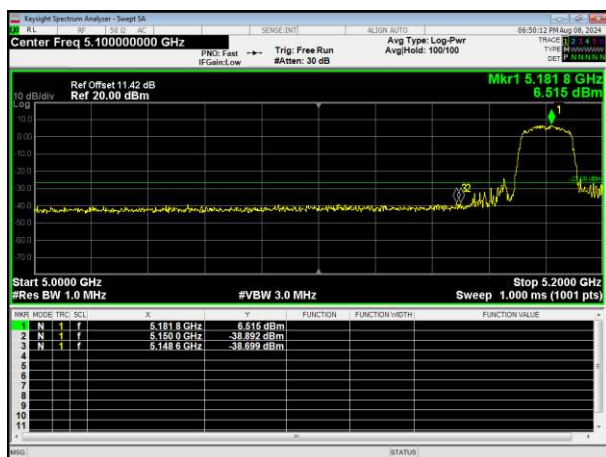


5180MHz

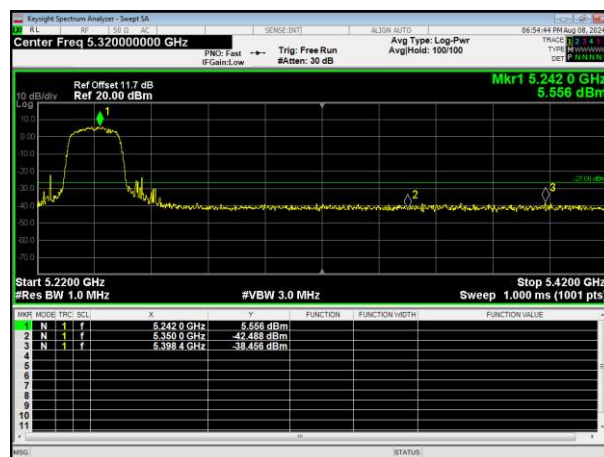


5240MHz

802.11ac HT20

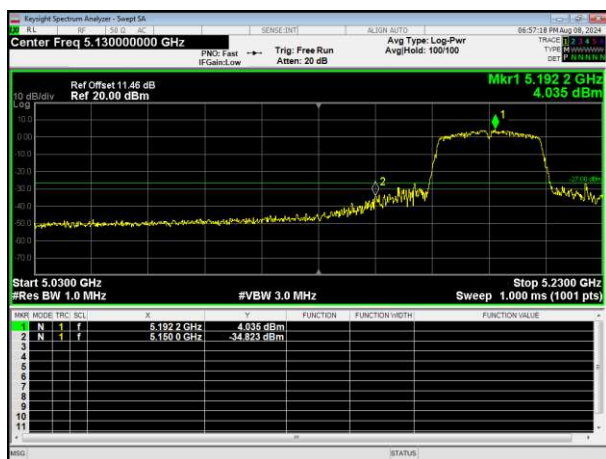


5180MHz

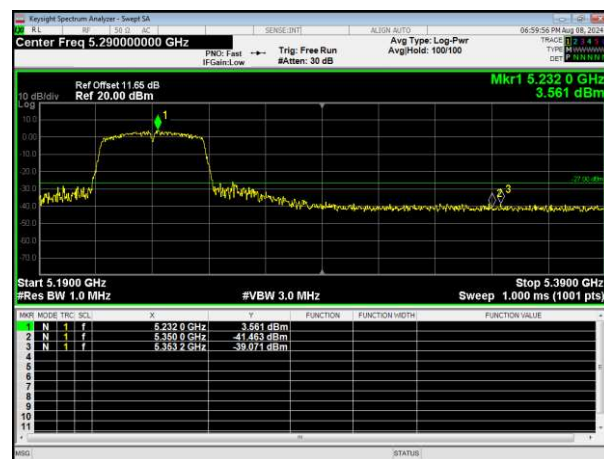


5240MHz

802.11ac HT40



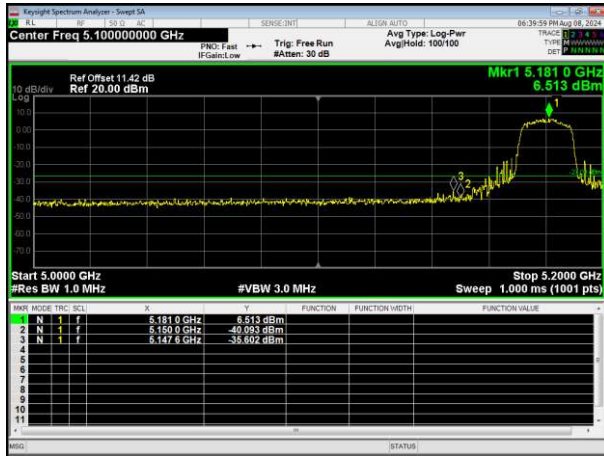
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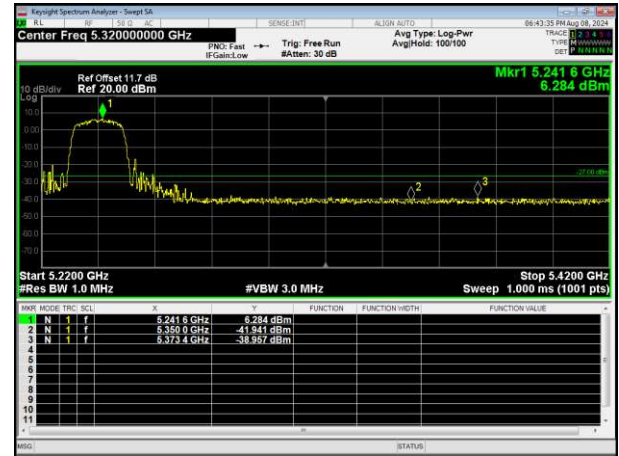
5230MHz



802.11n HT20

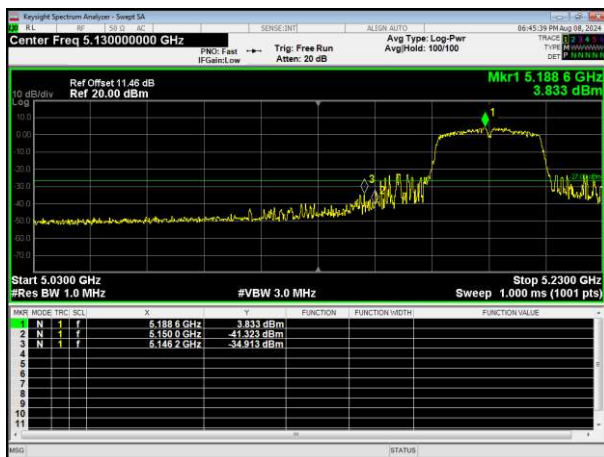


5180MHz

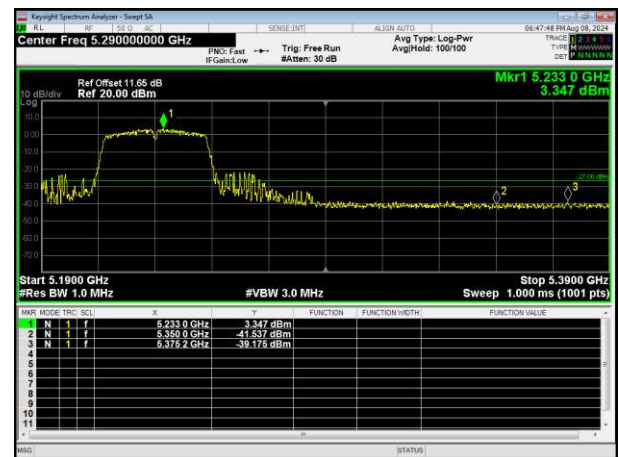


5240MHz

802.11n HT40

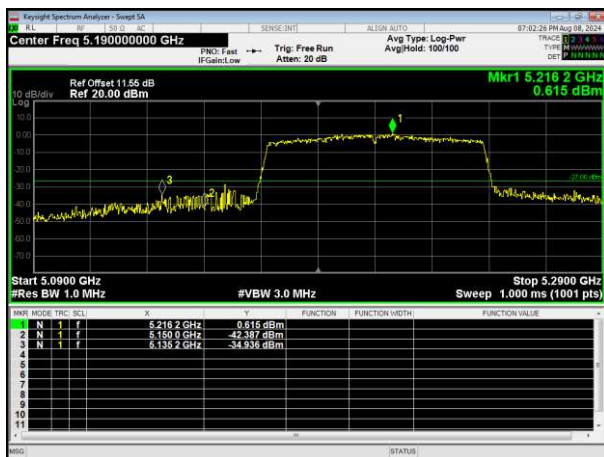


5190MHz



5230MHz

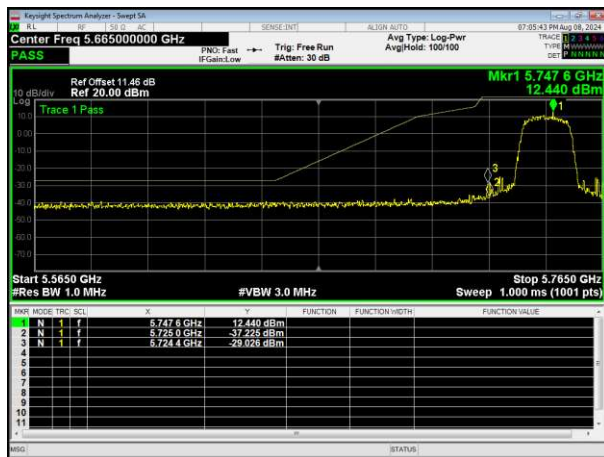
802.11ac HT80



5210MHz



802.11a

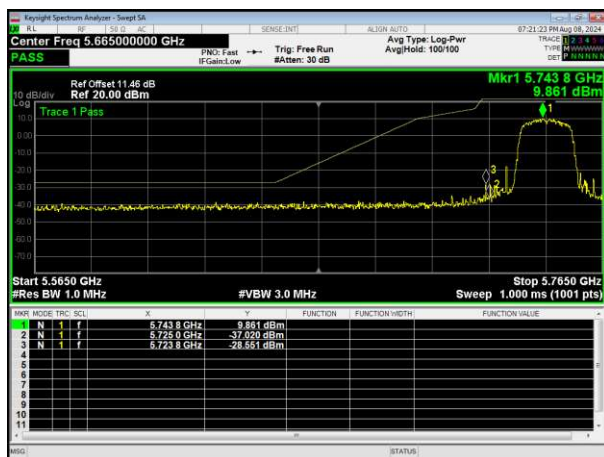


5745MHz

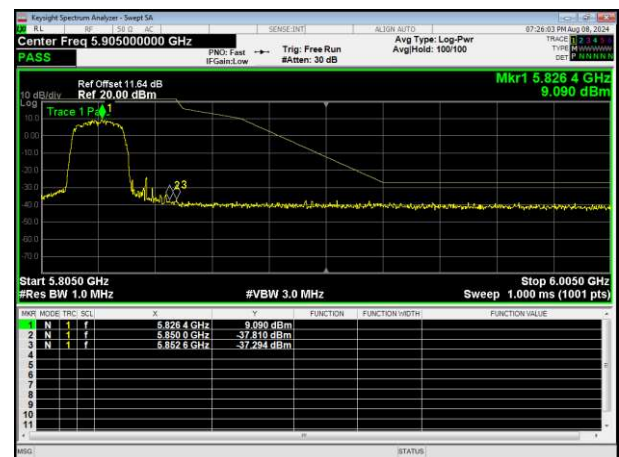


5825MHz

802.11ac HT20

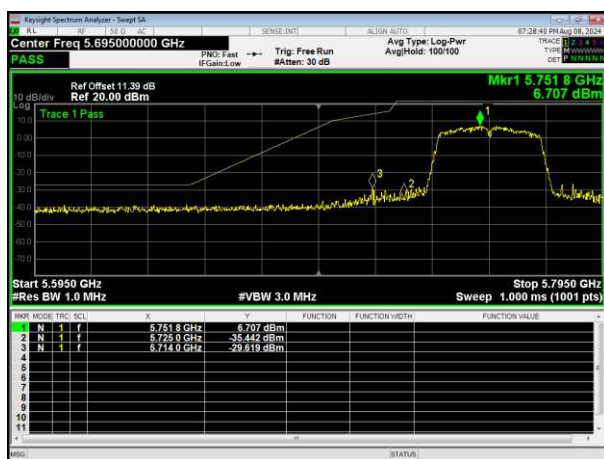


5745MHz

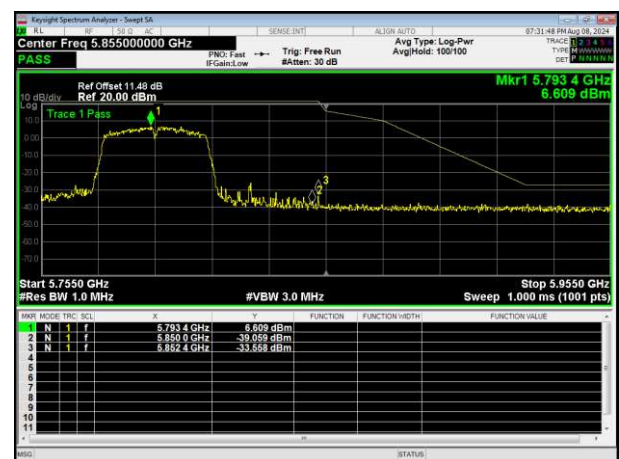


5825MHz

802.11ac HT40



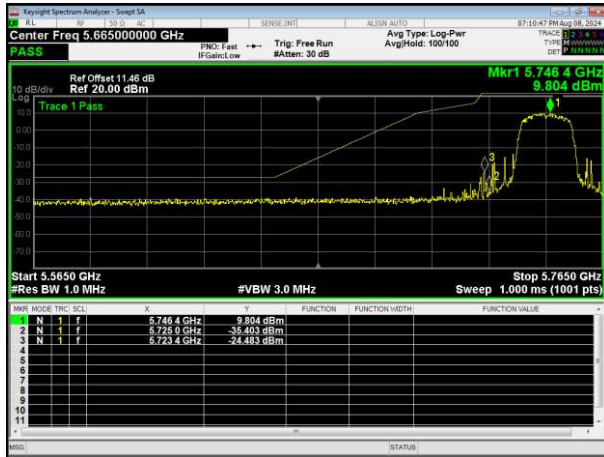
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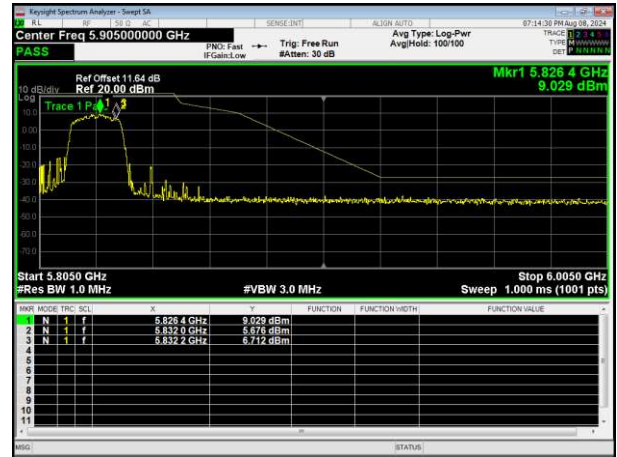
5795MHz



802.11n HT20

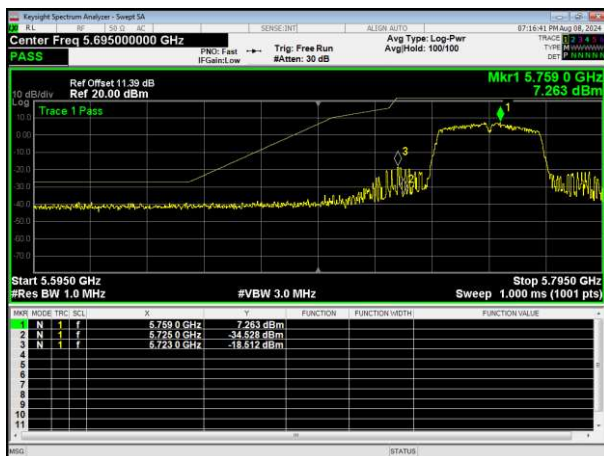


5745MHz

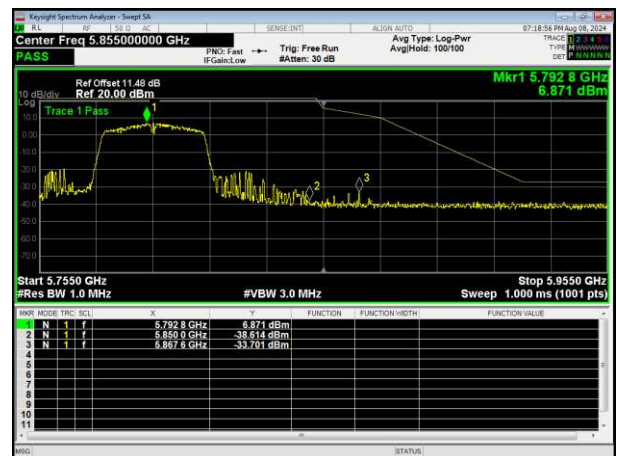


5825MHz

802.11n HT40



5755MHz



5795MHz

802.11ac HT80



5775MHz



4. AVERAGING OUTPUT POWER

4.1 APPLIED PROCEDURES / LIMIT

For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

4.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- b. Spectrum Setting : RBW > the 20 dB bandwidth of the emission being measured
Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel
VBW $\geq$ RBW
Sweep = auto
Detector function = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
Trace = max hold

4.1.2 DEVIATION FROM STANDARD

No deviation.

4.1.3 TEST SETUP



4.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.



4.1.5 TEST RESULTS

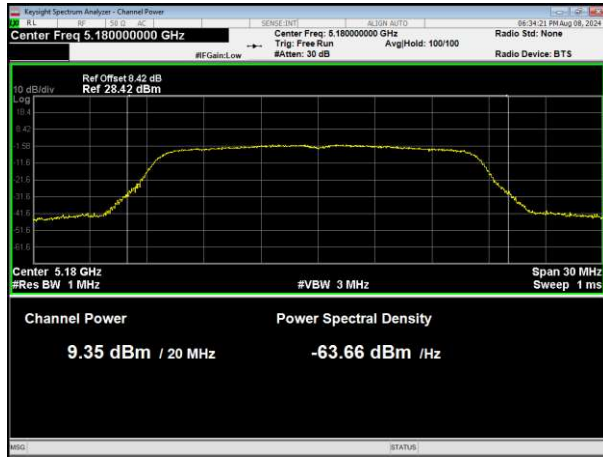
Temperature:	25 °C	Relative Humidity:	60%
Pressure:	1012 hPa	Test Voltage :	AC 120V/60Hz

Band	Mode	Test Channel	Average Output Power (dBm)	Duty factor (dB)	Total Output Power(dB)	LIMIT (dBm)
Band 1	802.11a	Low	9.352	0.87	10.222	23.98
		Middle	5.195	0.87	6.065	23.98
		High	5.567	0.87	6.437	23.98
	802.11ac HT20	Low	6.236	0.16	6.396	23.98
		Middle	6.018	0.16	6.178	23.98
		High	6.254	0.16	6.414	23.98
	802.11ac HT40	Low	6.395	0.16	6.555	23.98
		High	6.103	0.16	6.263	23.98
	802.11ac HT80	/	5.437	0.5	5.937	23.98
	802.11n HT20	Low	6.269	0.13	6.399	23.98
		Middle	5.986	0.13	6.116	23.98
		High	6.387	0.13	6.517	23.98
	802.11n HT40	Low	6.349	0.26	6.609	23.98
		High	5.882	0.26	6.142	23.98

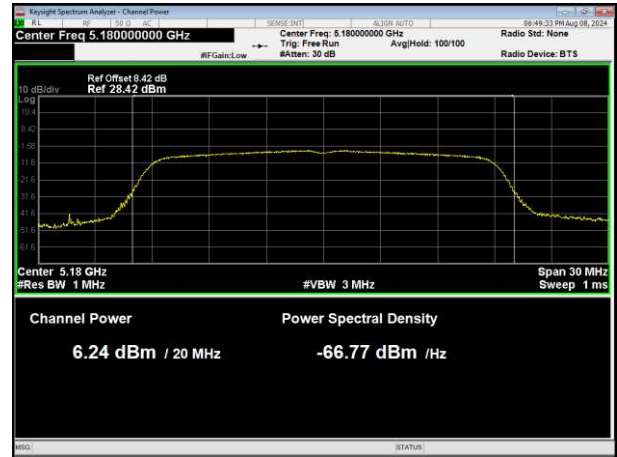
Band	Mode	Test Channel	Average Output Power (dBm)	Duty factor (dB)	Total Output Power(dB)	LIMIT (dBm)
Band 4	802.11a	Low	8.673	0.87	9.543	30
		Middle	7.702	0.87	8.572	30
		High	7.671	0.87	8.541	30
	802.11ac HT20	Low	9.388	0.13	9.518	30
		Middle	8.6	0.13	8.73	30
		High	8.501	0.13	8.631	30
	802.11ac HT40	Low	9.033	0.26	9.293	30
		High	8.616	0.26	8.876	30
	802.11ac HT80	/	8.606	0.5	9.106	30
	802.11n HT20	Low	9.381	0.13	9.511	30
		Middle	8.433	0.13	8.563	30
		High	8.487	0.13	8.617	30
	802.11n HT40	Low	9.064	0.26	9.324	30
		High	8.604	0.26	8.864	30



802.11a



802.11ac HT20



5180MHz



5180MHz



5200MHz



5200MHz

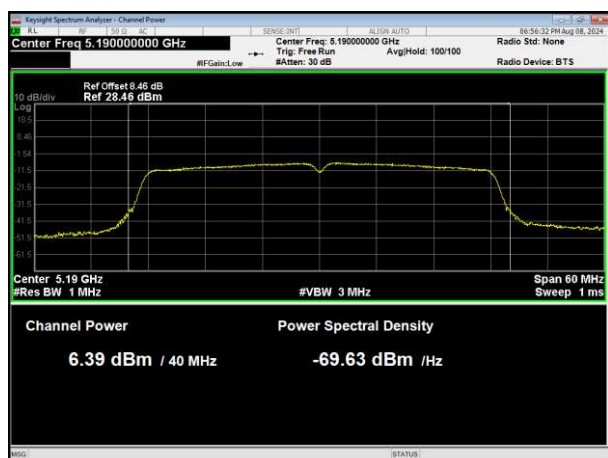


5240MHz

5240MHz



802.11ac HT40



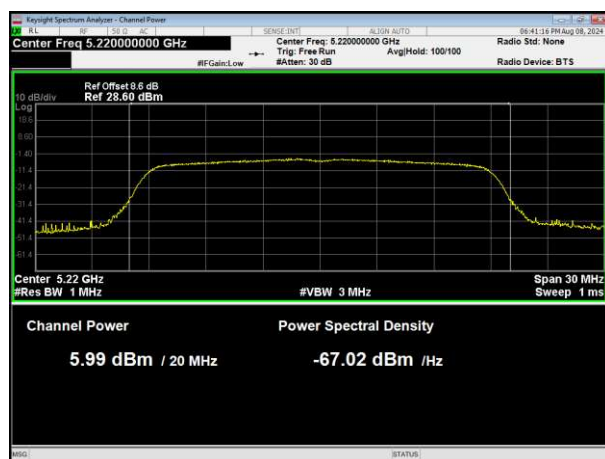
802.11n HT20



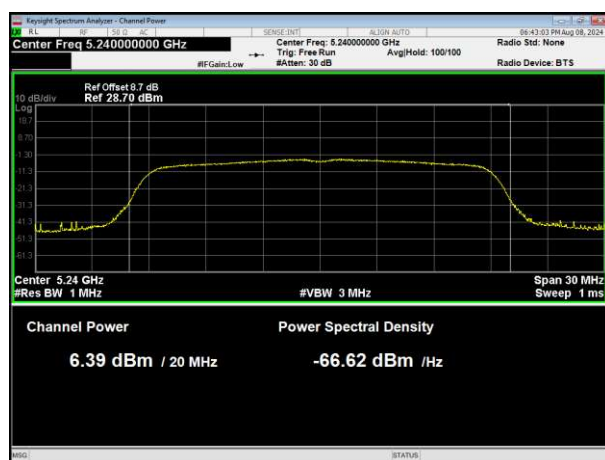
5190MHz



5180MHz



5230MHz



5200MHz

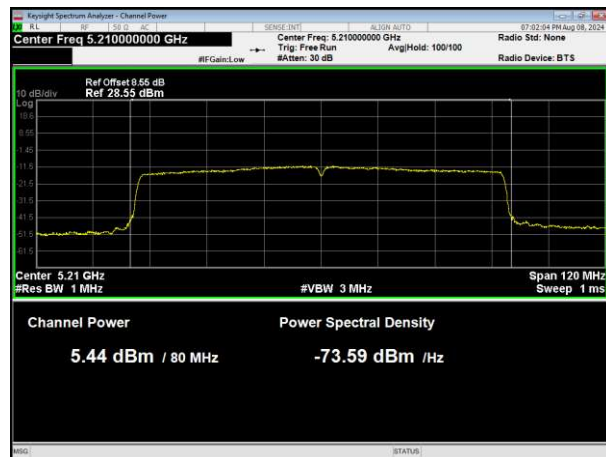
5240MHz



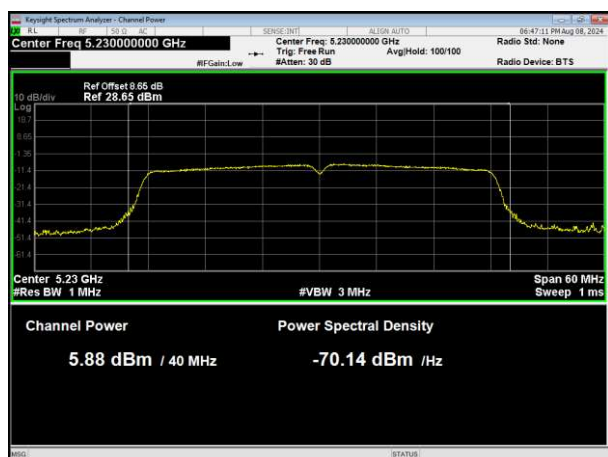
802.11n HT40



802.11ac HT80



5190MHz

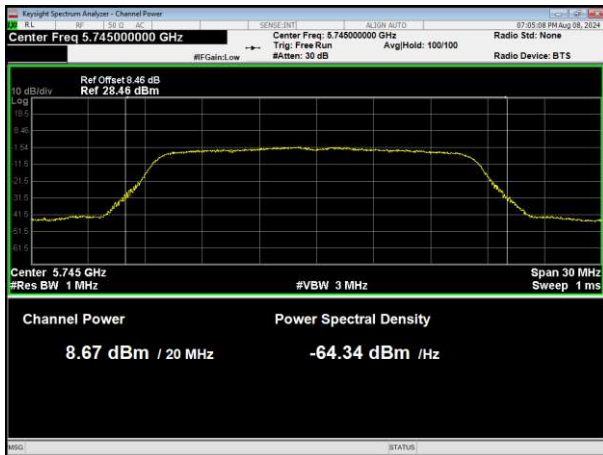


5210MHz

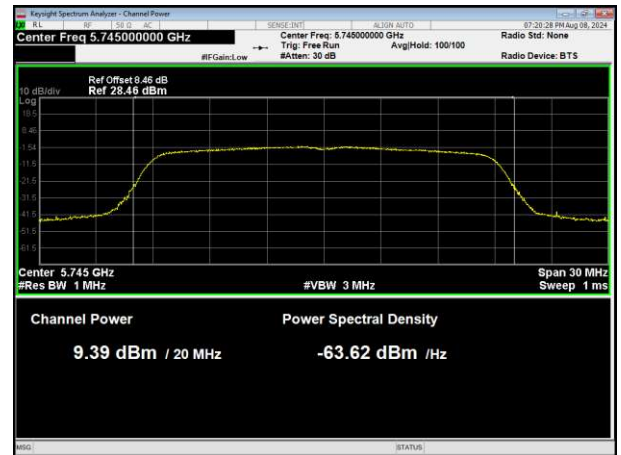
5230MHz



802.11a



802.11ac HT20



5745MHz



5745MHz



5785MHz



5785MHz

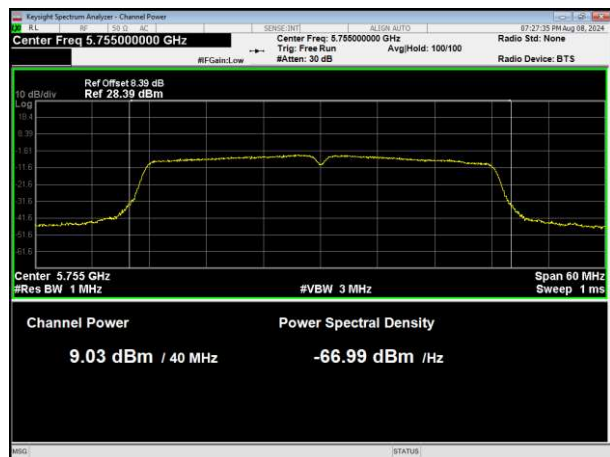


5825MHz

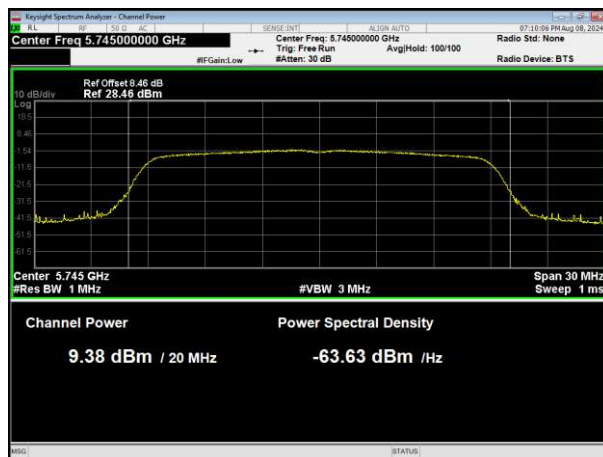
5825MHz



802.11ac HT40



802.11n HT20



5755MHz

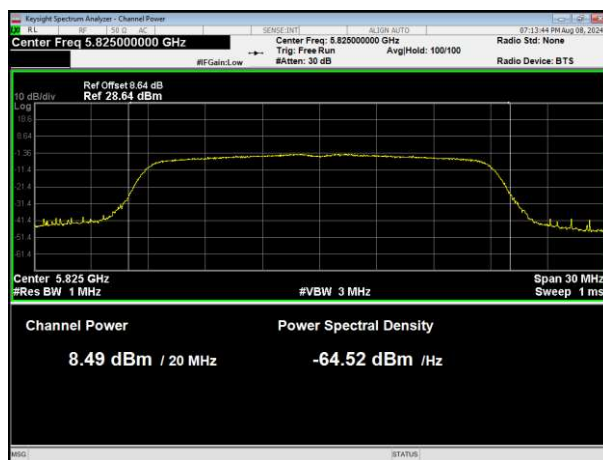


5745MHz



5795MHz

5785MHz



5825MHz



802.11n HT40



802.11ac HT80



5755MHz



5775MHz

5795MHz



5. POWER SPECTRAL DENSITY TEST

5.1 APPLIED PROCEDURES / LIMIT

In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

In addition, the maximum power spectral density shall not exceed 30 dBm in any 500 kHz band.

Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	= the frequency band of operation
RB	RBW $\geq$ 1MHz for band 1 RBW $\geq$ 510KHz for band 4
VB	VBW $\geq$ 3RBW
Detector	RMS (i.e., power averaging).
Trace	Max Hold
Sweep Time	Auto

5.1.1 TEST PROCEDURE

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02.
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.
4. For U-NII1, U-NII-2A, U-NII-2C Band:
Set RBW=1MHz, VBW=3MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto (601 pts), detector = sample, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)
For U-NII-3 Band:
Set RBW=510 kHz, VBW=3*RBW, where span is enough to capture the entire bandwidth, Sweep time = Auto (601 pts), detector = sample, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)
5. Use the cursor on spectrum to peak search the highest level of trace
6. Record the max. reading and add 10 log(1/duty cycle).
we test all antennas, the antenna 1 was worst mode and the data recording in the report.
7. Duty factor Reference is made to the test results in Section 7.1.5.

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.



5.1.5 TEST RESULTS

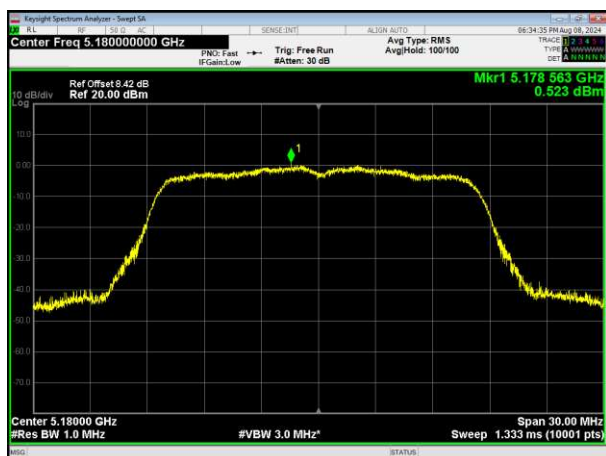
	Mode	Test Channel	Reading Level (dBm)	Duty factor (dB)	PSD (dBm/MHz)	Limit (dBm)	Result
Band1	802.11a	Low	0.523	0.87	1.393	11.00	PASS
		Middle	-4.267	0.87	-3.397	11.00	PASS
		High	-3.642	0.87	-2.772	11.00	PASS
	802.11ac20	Low	-3.697	0.16	-3.537	11.00	PASS
		Middle	-3.705	0.16	-3.545	11.00	PASS
		High	-3.675	0.16	-3.515	11.00	PASS
	802.11ac40	Low	-6.257	0.16	-6.097	11.00	PASS
		High	-6.737	0.16	-6.577	11.00	PASS
	802.11ac80	/	-10.58	0.5	-10.08	11.00	PASS
	802.11n20	Low	-3.41	0.13	-3.28	11.00	PASS
		Middle	-3.788	0.13	-3.658	11.00	PASS
		High	-2.966	0.13	-2.836	11.00	PASS
	802.11n40	Low	-6.173	0.26	-5.913	11.00	PASS
		High	-6.935	0.26	-6.675	11.00	PASS

	Mode	Test Channel	Reading Level (dBm)	Duty factor (dB)	RB factor (dB)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
Band4	802.11a	Low	-3.536	0.87	0.9	-2.756	30.00	PASS
		Middle	-4.529	0.87	0.9	-3.749	30.00	PASS
		High	-4.685	0.87	0.9	-3.905	30.00	PASS
	802.11ac20	Low	-3.182	0.13	0.9	-3.142	30.00	PASS
		Middle	-4.213	0.13	0.9	-4.173	30.00	PASS
		High	-4.425	0.13	0.9	-4.385	30.00	PASS
	802.11ac40	Low	-6.636	0.26	0.9	-6.466	30.00	PASS
		High	-7.148	0.26	0.9	-6.978	30.00	PASS
	802.11ac80	/	-10.343	0.5	0.9	-9.933	30.00	PASS
	802.11n20	Low	-3.518	0.13	0.9	-3.478	30.00	PASS
		Middle	-4.301	0.13	0.9	-4.261	30.00	PASS
		High	-4.406	0.13	0.9	-4.366	30.00	PASS
	802.11n40	Low	-6.556	0.26	0.9	-6.386	30.00	PASS
		High	-7.045	0.26	0.9	-6.875	30.00	PASS

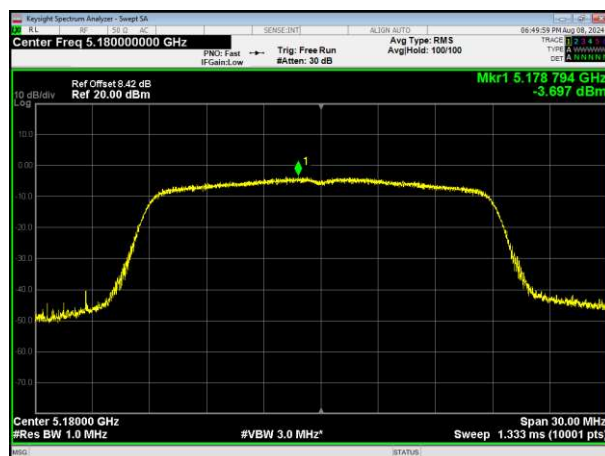
Note: RB factor=10log(510/500k)



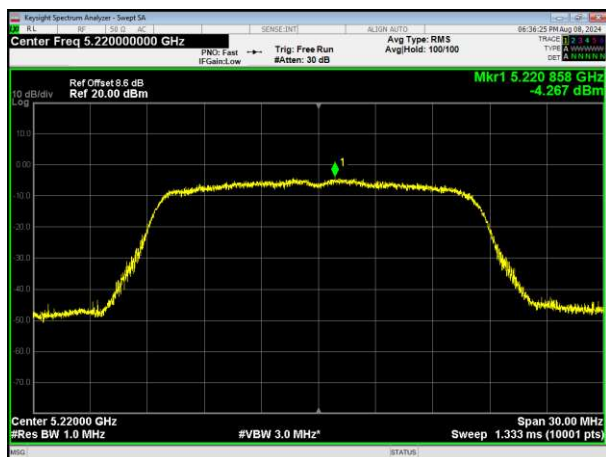
802.11a



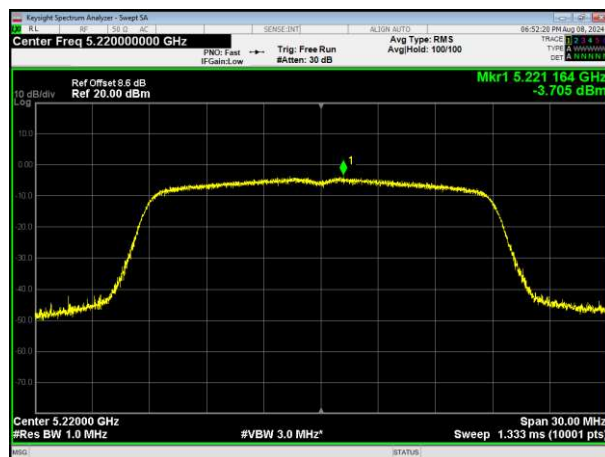
802.11ac HT20



5180MHz



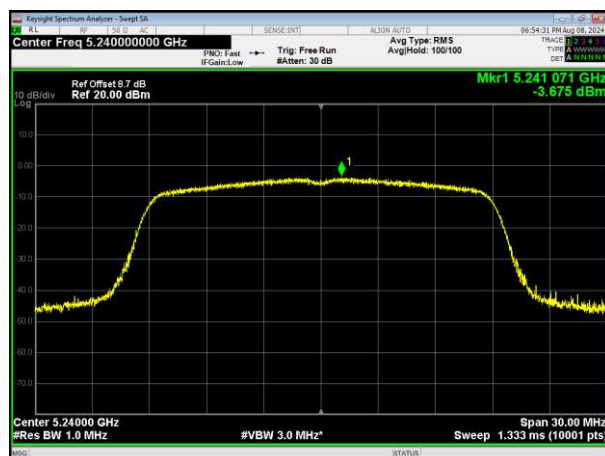
5180MHz



5200MHz



5200MHz

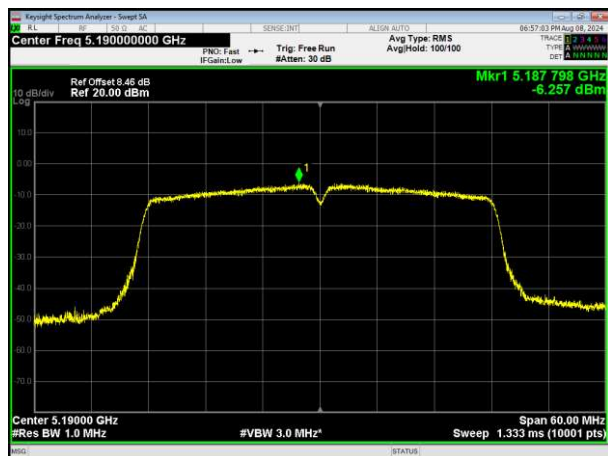


5240MHz

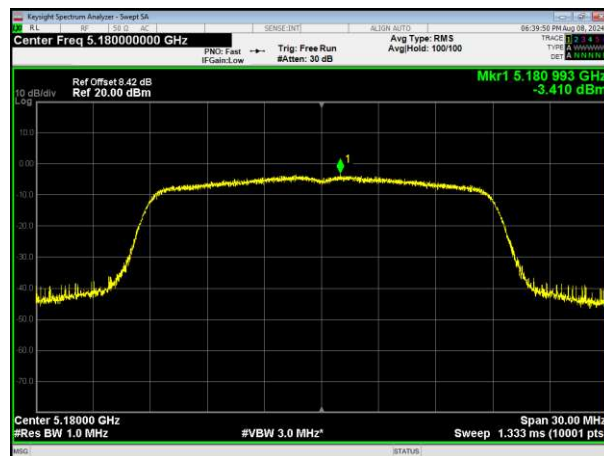
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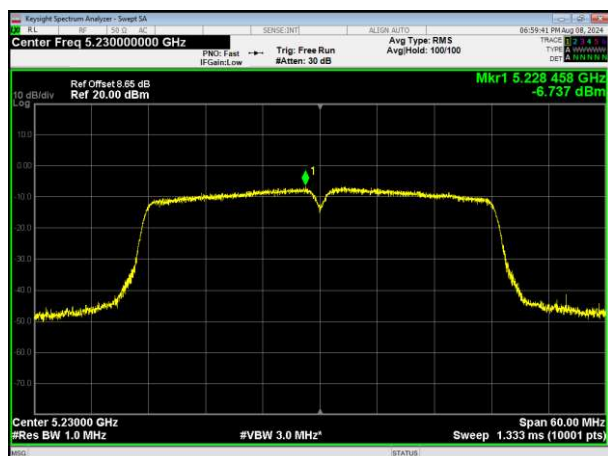
802.11ac HT40



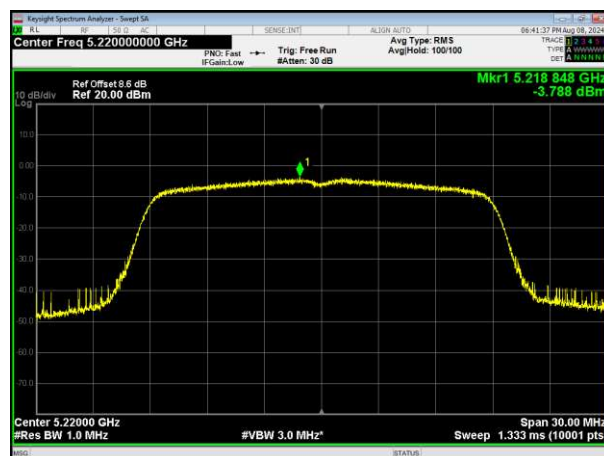
802.11n HT20



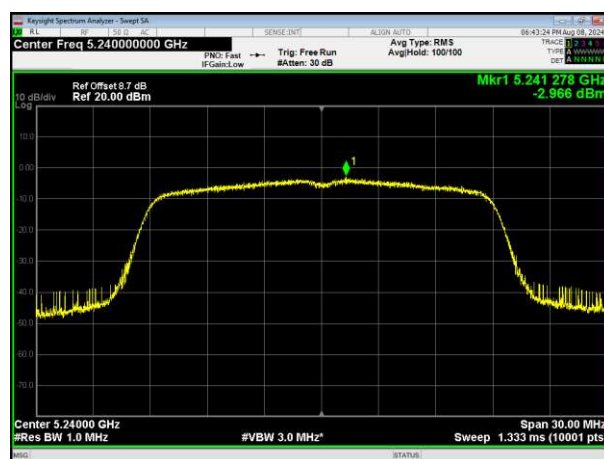
5190MHz



5180MHz



5230MHz



5200MHz

5240MHz



802.11n HT40



802.11ac HT80



5190MHz

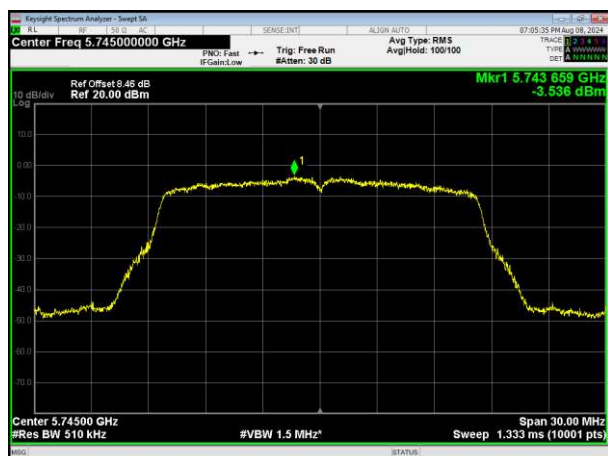


5210MHz

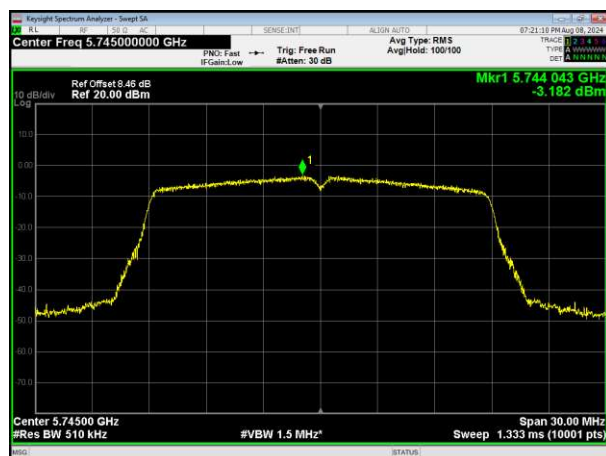
5230MHz



802.11a



802.11ac HT20



5745MHz



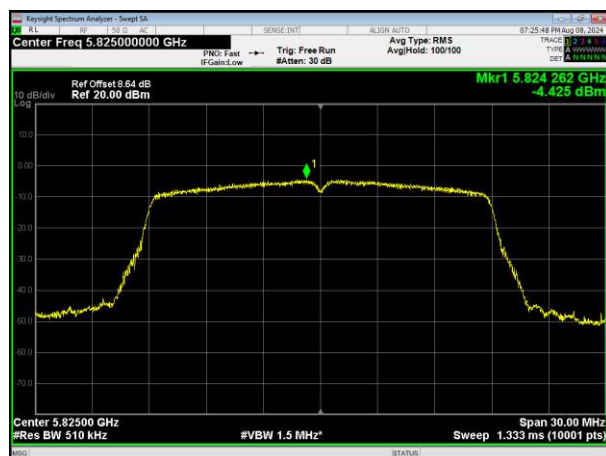
5745MHz



5785MHz



5785MHz

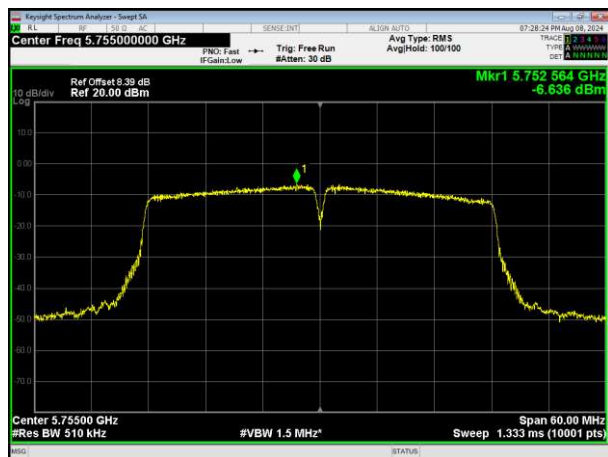


5825MHz

5825MHz



802.11ac HT40



802.11n HT20



5755MHz



5745MHz



5795MHz



5785MHz

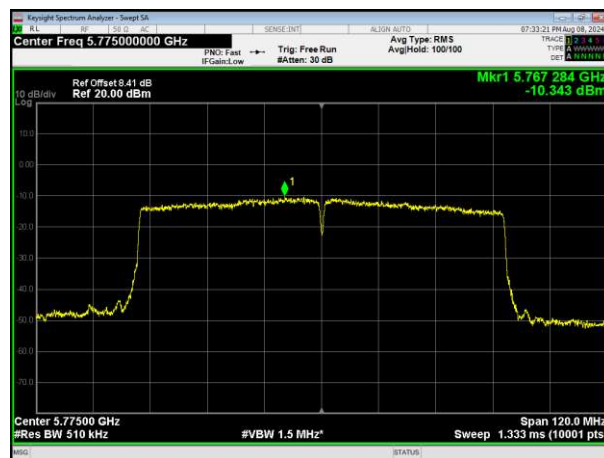
5825MHz



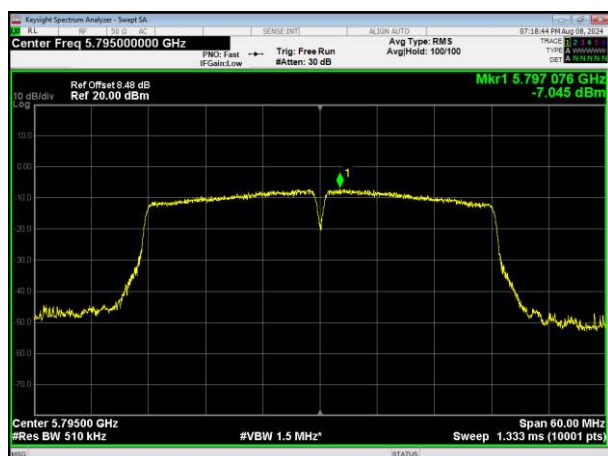
802.11n HT40



802.11ac HT80



5755MHz



5775MHz

5795MHz



6. 6DB&26DB&99% BANDWIDTH TEST

6.1 APPLIED PROCEDURES / LIMIT

The 26 dB bandwidth is used to determine the conducted power limits.

There is no limit bandwidth for U-NII-1, U-NII-2-A and U-NII-2-C.

The minimum of 6dB Bandwidth measurement is 0.5 MHz for U-NII-3

6.1.1 TEST PROCEDURE

6dB Bandwidth	
Spectrum Parameters	Setting
RBW	100KHz
VBW	300KHz
Span	30MHz(20MHz Bandwidth mode) 60MHz(40MHz Bandwidth mode) 120MHz(80MHz Bandwidth mode)
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

26dB Bandwidth	
Spectrum Parameters	Setting
RBW	approximately 1% of the emission bandwidth
VBW	>RBW
Span	30MHz(20MHz Bandwidth mode) 60MHz(40MHz Bandwidth mode) 120MHz(80MHz Bandwidth mode)
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

99% Occupied Bandwidth	
Spectrum Parameters	Setting
RBW	1% to 5% of the OBW
VBW	Approximately three times the RBW
Span	between 1.5 times and 5.0 times the OBW
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP





6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

6.1.5 TEST RESULTS

		Test Channel	26dB Bandwidth (MHz)	Result
Band 1	802.11a	Low	19.674	Pass
		Middle	19.536	Pass
		High	19.399	Pass
	802.11ac HT20	Low	20.437	Pass
		Middle	20.307	Pass
		High	20.461	Pass
	802.11ac HT40	Low	39.84	Pass
		High	40.005	Pass
	802.11ac HT80	/	79.041	Pass
	802.11n HT20	Low	20.523	Pass
		Middle	20.171	Pass
		High	20.598	Pass
	802.11n HT40	Low	40.081	Pass
		High	41.121	Pass

		Test Channel	6dB Bandwidth (MHz)	6dB Bandwidth Limit (MHz)	Result
Band 4	802.11a	Low	15.403	>0.5	Pass
		Middle	15.315	>0.5	Pass
		High	15.384	>0.5	Pass
	802.11ac HT20	Low	16.059	>0.5	Pass
		Middle	17.061	>0.5	Pass
		High	15.418	>0.5	Pass
	802.11ac HT40	Low	35.103	>0.5	Pass
		High	35.089	>0.5	Pass
	802.11ac HT80	/	75.132	>0.5	Pass
	802.11n HT20	Low	16.066	>0.5	Pass
		Middle	17.268	>0.5	Pass
		High	13.767	>0.5	Pass
	802.11n HT40	Low	35.079	>0.5	Pass
		High	35.023	>0.5	Pass