



3.3 RADIATED BAND EMISSION MEASUREMENT

3.3.1 TEST REQUIREMENT:

15.407 (b)

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	5000MHz
Stop Frequency	5420MHz
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

3.3.2 TEST PROCEDURE

Above 1GHz test procedure as below:

- a. 1. The EUT was placed on the top of a rotating table 1.5meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel,the Highest channel

Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

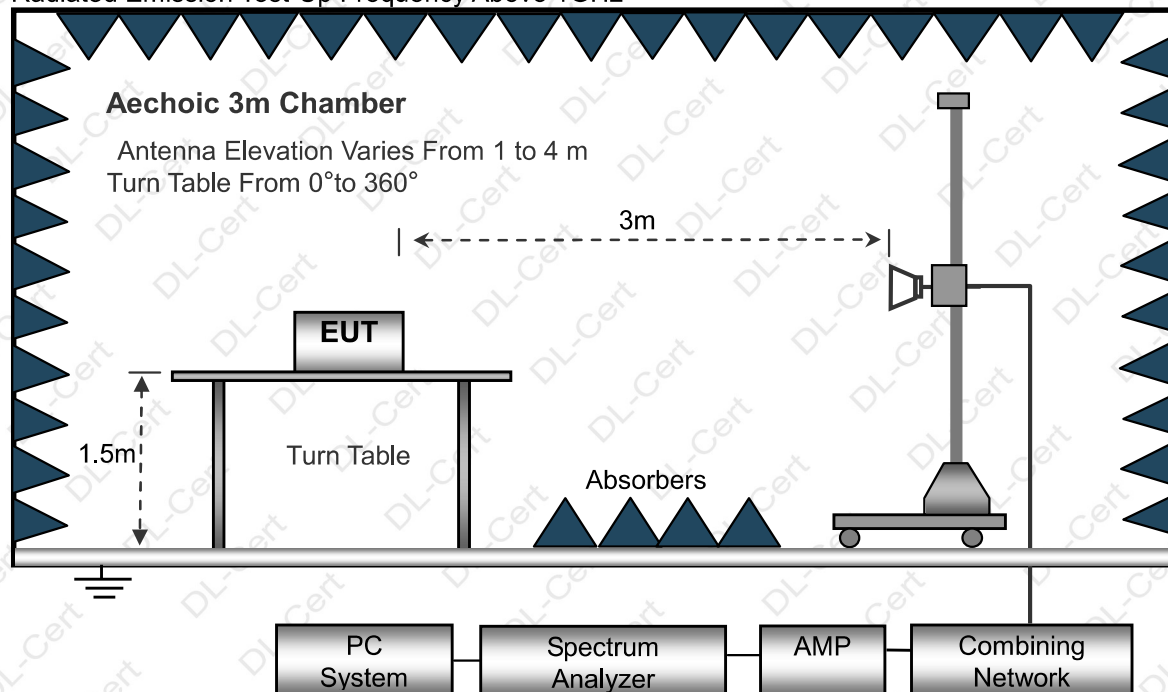
3.3.3 DEVIATION FROM TEST STANDARD

No deviation



3.3.4 TEST SETUP

Radiated Emission Test-Up Frequency Above 1GHz



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

802.11a

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:5180									
V	5150	52.60	49.12	15.6	37.34	56.42	74	-17.58	PK
V	5150	39.15	49.12	15.6	37.34	42.97	54	-11.03	AV
V	5145	54.01	49.19	15.24	40.43	60.49	74	-13.51	PK
V	5145	36.05	49.19	15.24	40.43	42.53	54	-11.47	AV
H	5150	52.01	49.12	15.6	37.34	55.83	74	-18.17	PK
H	5150	37.06	49.12	15.6	37.34	40.88	54	-13.12	AV
H	5145	53.53	49.19	15.24	40.43	60.01	74	-13.99	PK
H	5145	33.11	49.19	15.24	40.43	39.59	54	-14.41	AV
operation frequency:5240									
V	5350	52.44	49.13	15.32	37.46	56.09	74	-17.91	PK
V	5350	34.93	49.13	15.32	37.46	38.58	54	-15.42	AV
V	5370	52.94	49.24	15.36	40.51	59.57	74	-14.43	PK
V	5370	31.81	49.24	15.36	40.51	38.44	54	-15.56	AV
H	5350	52.16	49.13	15.32	31.31	49.66	74	-24.34	PK
H	5350	39.81	49.13	15.32	31.31	37.31	54	-16.69	AV
H	5370	52.27	49.24	15.36	40.51	58.9	74	-15.10	PK
H	5370	31.82	49.24	15.36	40.51	38.45	54	-15.55	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.									



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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	50.47	49.12	15.6	37.34	54.29	74	-19.71	PK
V	5150	32.76	49.12	15.6	37.34	36.58	54	-17.42	AV
V	5145	50.58	49.19	15.24	40.43	57.06	74	-16.94	PK
V	5145	32.89	49.19	15.24	40.43	39.37	54	-14.63	AV
H	5150	51.17	49.12	15.6	37.34	54.99	74	-19.01	PK
H	5150	32.71	49.12	15.6	37.34	36.53	54	-17.47	AV
H	5145	50.29	49.19	15.24	40.43	56.77	74	-17.23	PK
H	5145	31.72	49.19	15.24	40.43	38.2	54	-15.80	AV
operation frequency:5240									
V	5350	52.93	49.13	15.32	37.46	56.58	74	-17.42	PK
V	5350	33.92	49.13	15.32	37.46	37.57	54	-16.43	AV
V	5370	49.48	49.24	15.36	40.51	56.11	74	-17.89	PK
V	5370	32.92	49.24	15.36	40.51	39.55	54	-14.45	AV
H	5350	53.76	49.13	15.32	31.31	51.26	74	-22.74	PK
H	5350	36.48	49.13	15.32	31.31	33.98	54	-20.02	AV
H	5370	50.52	49.24	15.36	40.51	57.15	74	-16.85	PK
H	5370	32.90	49.24	15.36	40.51	39.53	54	-14.47	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.



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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	52.16	49.12	15.33	37.41	55.78	74	-18.22	PK
V	5150	33.99	49.12	15.33	37.41	37.61	54	-16.39	AV
V	5145	51.06	49.19	15.28	40.46	57.61	74	-16.39	PK
V	5145	32.90	49.19	15.28	40.46	39.45	54	-14.55	AV
H	5150	52.43	49.12	15.33	37.41	56.05	74	-17.95	PK
H	5150	33.80	49.12	15.33	37.41	37.42	54	-16.58	AV
H	5145	50.48	49.19	15.28	40.46	57.03	74	-16.97	PK
H	5145	32.93	49.19	15.28	40.46	39.48	54	-14.52	AV
operation frequency:5240									
V	5350	53.33	49.12	15.32	37.41	56.94	74	-17.06	PK
V	5350	36.62	49.12	15.32	37.41	40.23	54	-13.77	AV
V	5370	50.33	49.19	15.36	40.46	56.96	74	-17.04	PK
V	5370	34.03	49.19	15.36	40.46	40.66	54	-13.34	AV
H	5350	54.00	49.12	15.32	37.41	57.61	74	-16.39	PK
H	5350	40.25	49.12	15.32	37.41	43.86	54	-10.14	AV
H	5370	51.73	49.19	15.36	40.46	58.36	74	-15.64	PK
H	5370	35.23	49.19	15.36	40.46	41.86	54	-12.14	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.



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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	51.66	49.12	15.6	37.34	55.48	74	-18.52	PK
V	5150	34.89	49.12	15.6	37.34	38.71	54	-15.29	AV
V	5145	50.85	49.19	15.24	40.43	57.33	74	-16.67	PK
V	5145	34.14	49.19	15.24	40.43	40.62	54	-13.38	AV
H	5150	51.88	49.12	15.6	37.34	55.7	74	-18.3	PK
H	5150	33.84	49.12	15.6	37.34	37.66	54	-16.34	AV
H	5145	50.34	49.19	15.24	40.43	56.82	74	-17.18	PK
H	5145	35.30	49.19	15.24	40.43	41.78	54	-12.22	AV
operation frequency:5230									
V	5350	53.07	49.13	15.34	37.48	56.76	74	-17.24	PK
V	5350	36.82	49.13	15.34	37.48	40.51	54	-13.49	AV
V	5370	49.78	49.24	15.35	40.42	56.31	74	-17.69	PK
V	5370	35.80	49.24	15.35	40.42	42.33	54	-11.67	AV
H	5350	53.69	49.13	15.34	37.48	57.38	74	-16.62	PK
H	5350	40.54	49.13	15.34	37.48	44.23	54	-9.77	AV
H	5370	51.42	49.24	15.35	40.42	57.95	74	-16.05	PK
H	5370	35.61	49.24	15.35	40.42	42.14	54	-11.86	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.									



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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	53.10	49.12	15.32	37.41	56.71	74	-17.29	PK
V	5150	37.27	49.12	15.32	37.41	40.88	54	-13.12	AV
V	5145	52.98	49.19	15.36	40.46	59.61	74	-14.39	PK
V	5145	36.43	49.19	15.36	40.46	43.06	54	-10.94	AV
H	5150	52.62	49.12	15.32	37.41	56.23	74	-17.77	PK
H	5150	37.24	49.12	15.32	37.41	40.85	54	-13.15	AV
H	5145	51.27	49.19	15.36	40.46	57.9	74	-16.1	PK
H	5145	36.24	49.19	15.36	40.46	42.87	54	-11.13	AV
operation frequency:5230									
V	5350	54.37	49.13	15.34	37.48	58.06	74	-15.94	PK
V	5350	36.02	49.13	15.34	37.48	39.71	54	-14.29	AV
V	5370	50.97	49.24	15.35	40.42	57.5	74	-16.5	PK
V	5370	36.00	49.24	15.35	40.42	42.53	54	-11.47	AV
H	5350	53.83	49.13	15.34	37.48	57.52	74	-16.48	PK
H	5350	41.24	49.13	15.34	37.48	44.93	54	-9.07	AV
H	5370	49.60	49.24	15.35	40.42	56.13	74	-17.87	PK
H	5370	35.58	49.24	15.35	40.42	42.11	54	-11.89	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.



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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:5210									
V	5150	51.78	49.13	15.32	37.46	55.43	74	-18.57	PK
V	5150	35.04	49.13	15.32	37.46	38.69	54	-15.31	AV
V	5145	51.40	49.24	15.36	40.51	58.03	74	-15.97	PK
V	5145	34.76	49.24	15.36	40.51	41.39	54	-12.61	AV
H	5150	51.63	49.13	15.32	31.31	49.13	74	-24.87	PK
H	5150	36.23	49.13	15.32	31.31	33.73	54	-20.27	AV
H	5145	49.59	49.24	15.36	40.51	56.22	74	-17.78	PK
H	5145	35.30	49.24	15.36	40.51	41.93	54	-12.07	AV
operation frequency:5210									
V	5350	52.39	49.13	15.32	37.46	56.04	74	-17.96	PK
V	5350	35.14	49.13	15.32	37.46	38.79	54	-15.21	AV
V	5370	50.93	49.24	15.36	40.51	57.56	74	-16.44	PK
V	5370	35.58	49.24	15.36	40.51	42.21	54	-11.79	AV
H	5350	52.28	49.13	15.32	31.31	49.78	74	-24.22	PK
H	5350	36.30	49.13	15.32	31.31	33.8	54	-20.2	AV
H	5370	49.63	49.24	15.36	40.51	56.26	74	-17.74	PK
H	5370	35.31	49.24	15.36	40.51	41.94	54	-12.06	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

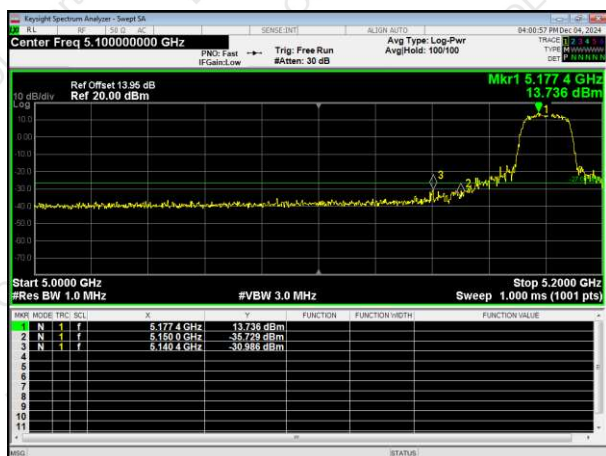
The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



3.3.6 TEST RESULT

The antenna gain is compensated in the test data.

802.11a

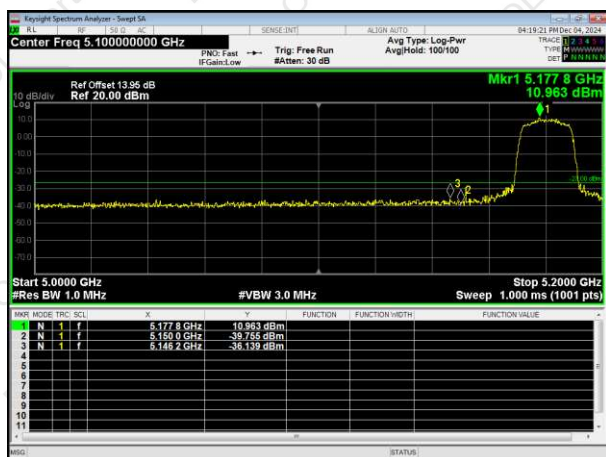


5180MHz



5240MHz

802.11ac HT20

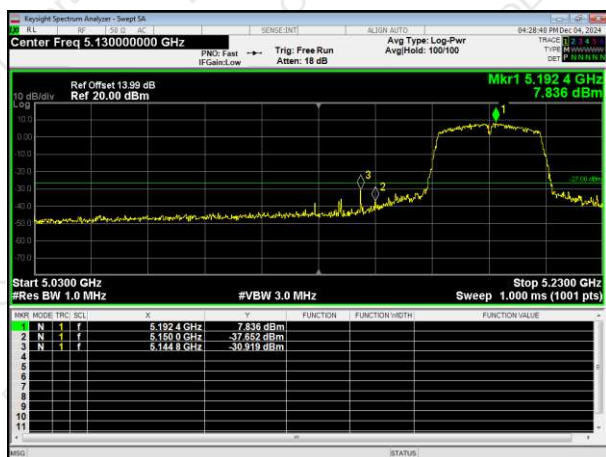


5180MHz



5240MHz

802.11ac HT40



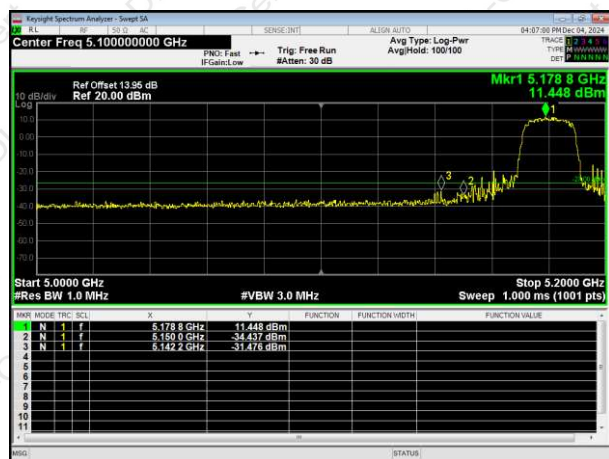
5190MHz



5230MHz



802.11n HT20

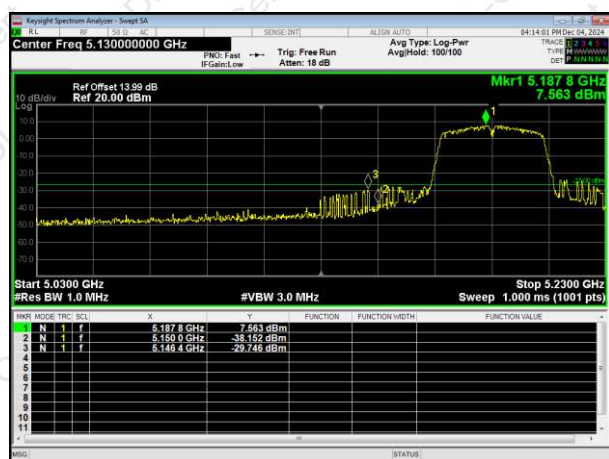


5180MHz



5240MHz

802.11n HT40

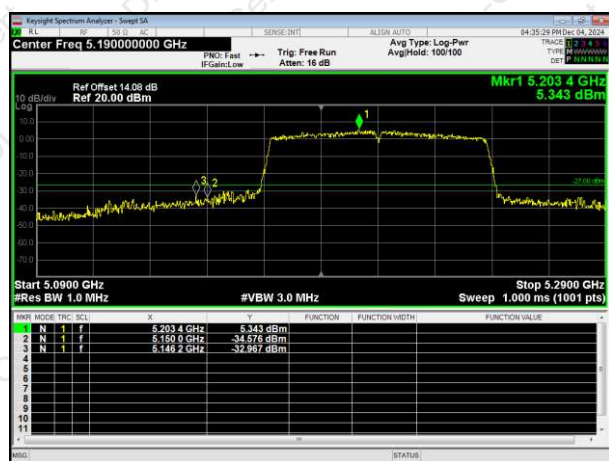


5190MHz



5230MHz

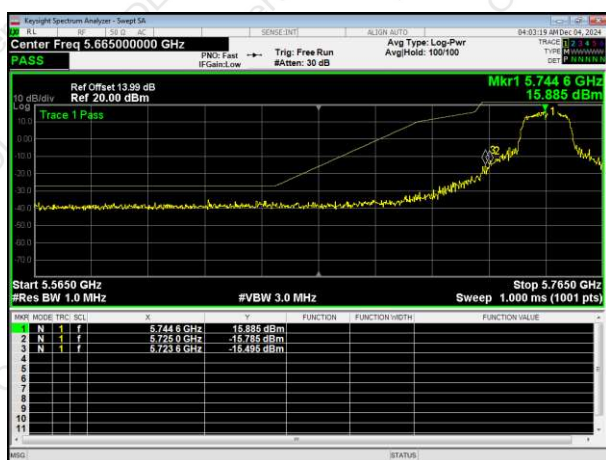
802.11ac HT80



5210MHz



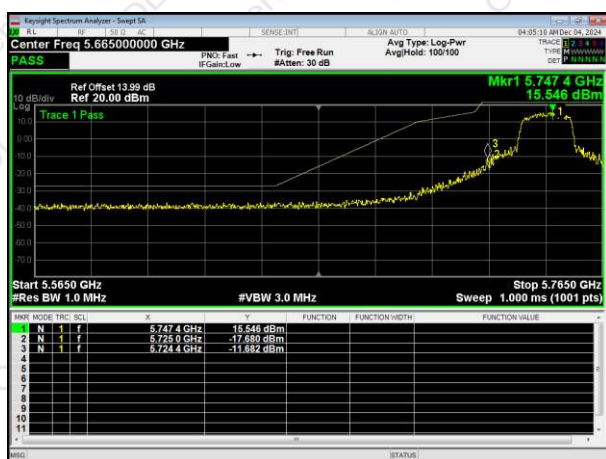
802.11a



5745MHz

5825MHz

802.11ac HT20



5745MHz

5825MHz

802.11ac HT40

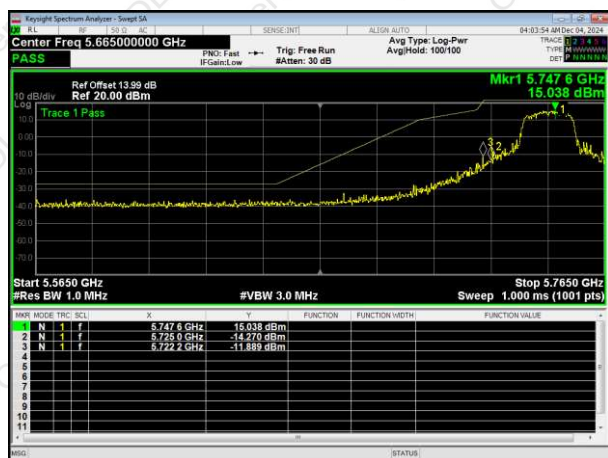


5755MHz

5795MHz



802.11n HT20



5745MHz

5825MHz

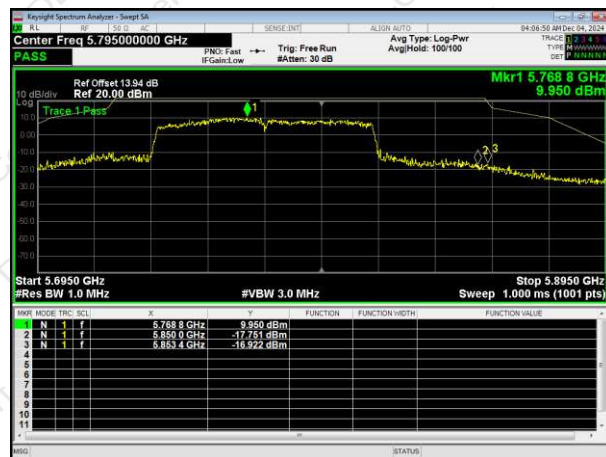
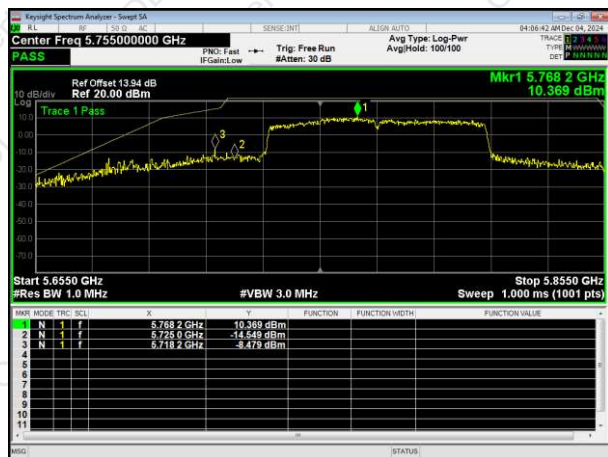
802.11n HT40



5755MHz

5795MHz

802.11ac HT80



5775MHz

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

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW = 1MHz
Span $\geq 99\%$ OBW(30MHz/60MHz/120MHz etc.)
VBW $\geq 3 \times$ 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(dBm)	LIMIT (dBm)
Band 1	802.11a	Low	13.646	0.87	14.516	23.98
		Middle	13.088	0.87	13.958	23.98
		High	13.313	0.87	14.183	23.98
	802.11ac HT20	Low	14.271	0.31	14.581	23.98
		Middle	13.635	0.25	13.885	23.98
		High	14.059	0.25	14.309	23.98
	802.11ac HT40	Low	14.403	0.26	14.663	23.98
		High	14.261	0.26	14.521	23.98
	802.11ac HT80	/	14.045	0.5	14.545	23.98
	802.11n HT20	Low	14.359	0.13	14.489	23.98
		Middle	13.738	0.13	13.868	23.98
		High	14.138	0.13	14.268	23.98
	802.11n HT40	Low	14.177	0.26	14.437	23.98
		High	13.965	0.32	14.285	23.98

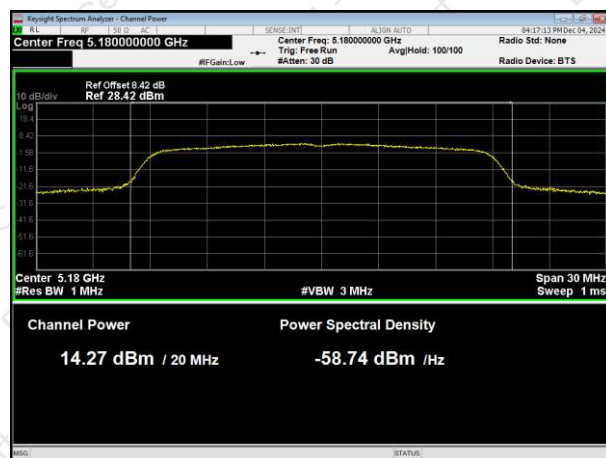
Band	Mode	Test Channel	Average Output Power (dBm)	Duty factor (dB)	Total Output Power(dBm)	LIMIT (dBm)
Band 4	802.11a	Low	13.3	1.12	14.42	30
		Middle	12.783	0.87	13.653	30
		High	13.413	0.87	14.283	30
	802.11ac HT20	Low	13.904	0.13	14.034	30
		Middle	13.549	0.13	13.679	30
		High	14.201	0.13	14.331	30
	802.11ac HT40	Low	13.805	0.32	14.125	30
		High	13.838	0.26	14.098	30
	802.11ac HT80	/	13.514	0.5	14.014	30
	802.11n HT20	Low	14.042	0.13	14.172	30
		Middle	13.466	0.16	13.626	30
		High	14.161	0.16	14.321	30
	802.11n HT40	Low	13.81	0.26	14.07	30
		High	13.902	0.26	14.162	30



802.11a



802.11ac HT20



5180MHz



5180MHz



5200MHz



5200MHz



5240MHz

5240MHz



802.11ac HT40



802.11n HT20



5190MHz



5180MHz



5230MHz



5200MHz

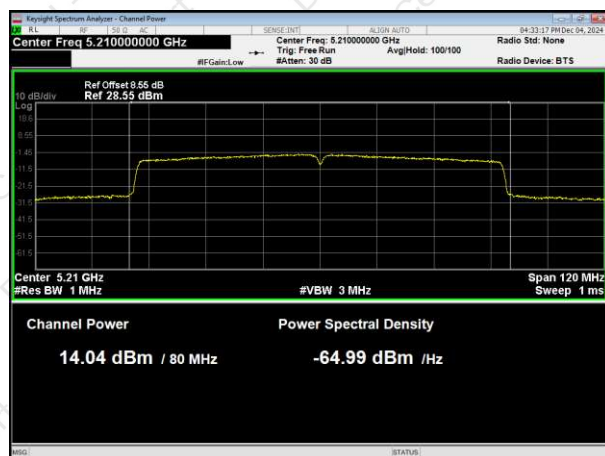
5240MHz



802.11n HT40



802.11ac HT80

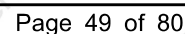
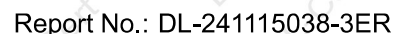


5190MHz



5210MHz

5230MHz





802.11ac HT40



802.11n HT20



5755MHz



5745MHz



5795MHz



5785MHz

5825MHz



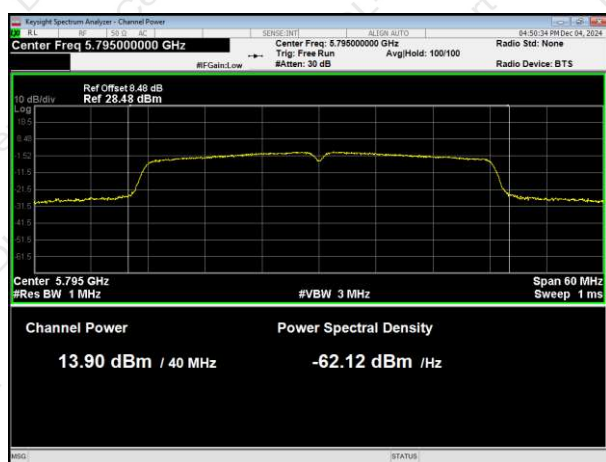
802.11n HT40



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

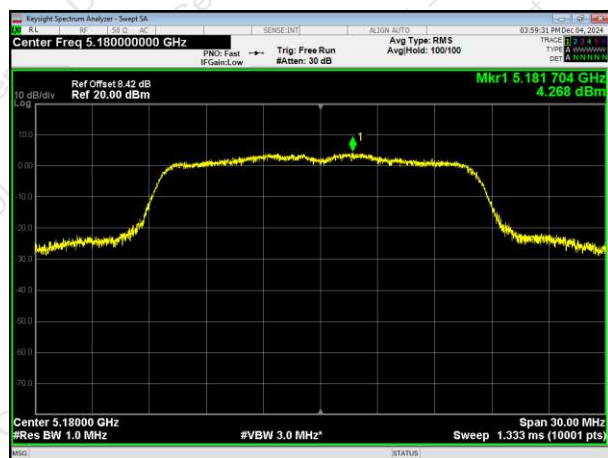
	Mode	Test Channel	Reading Level (dBm/MHz)	Duty factor (dB)	PSD (dBm/MHz)	Limit (dBm)	Result
Band1	802.11a	Low	4.268	0.87	5.138	11.00	PASS
		Middle	3.642	0.87	4.512	11.00	PASS
		High	4.034	0.87	4.904	11.00	PASS
	802.11ac20	Low	4.567	0.31	4.877	11.00	PASS
		Middle	3.815	0.25	4.065	11.00	PASS
		High	4.198	0.25	4.448	11.00	PASS
	802.11ac40	Low	1.47	0.26	1.73	11.00	PASS
		High	1.454	0.26	1.714	11.00	PASS
	802.11ac80	/	-1.758	0.5	-1.258	11.00	PASS
	802.11n20	Low	4.639	0.13	4.769	11.00	PASS
		Middle	4.007	0.13	4.137	11.00	PASS
		High	4.382	0.13	4.512	11.00	PASS
	802.11n40	Low	1.414	0.26	1.674	11.00	PASS
		High	1.292	0.32	1.612	11.00	PASS

	Mode	Test Channel	Reading Level (dBm/510kHz)	Duty factor (dB)	RB factor (dB)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
Band4	802.11a	Low	1.052	1.12	0.09	2.262	30.00	PASS
		Middle	0.492	0.87	0.09	1.452	30.00	PASS
		High	1.366	0.87	0.09	2.326	30.00	PASS
	802.11ac20	Low	1.624	0.13	0.09	1.844	30.00	PASS
		Middle	0.759	0.13	0.09	0.979	30.00	PASS
		High	1.493	0.13	0.09	1.713	30.00	PASS
	802.11ac40	Low	-1.988	0.32	0.09	-1.578	30.00	PASS
		High	-1.888	0.26	0.09	-1.538	30.00	PASS
	802.11ac80	/	-5.795	0.5	0.09	-5.205	30.00	PASS
	802.11n20	Low	1.196	0.13	0.09	1.416	30.00	PASS
		Middle	0.702	0.16	0.09	0.952	30.00	PASS
		High	1.577	0.16	0.09	1.827	30.00	PASS
	802.11n40	Low	-1.664	0.26	0.09	-1.314	30.00	PASS
		High	-1.566	0.26	0.09	-1.216	30.00	PASS

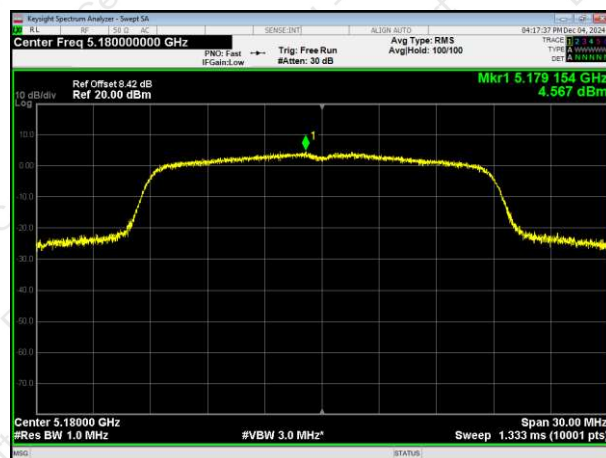
Note: RB factor=10log(510/500k)



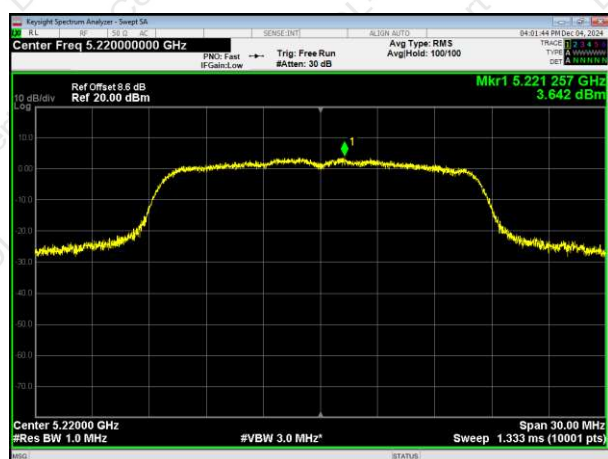
802.11a



802.11ac HT20



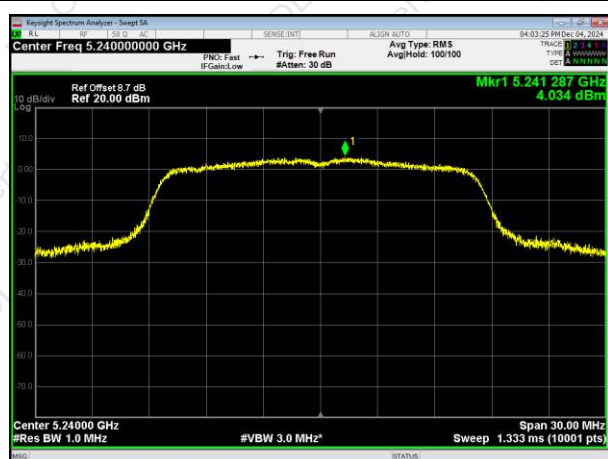
5180MHz



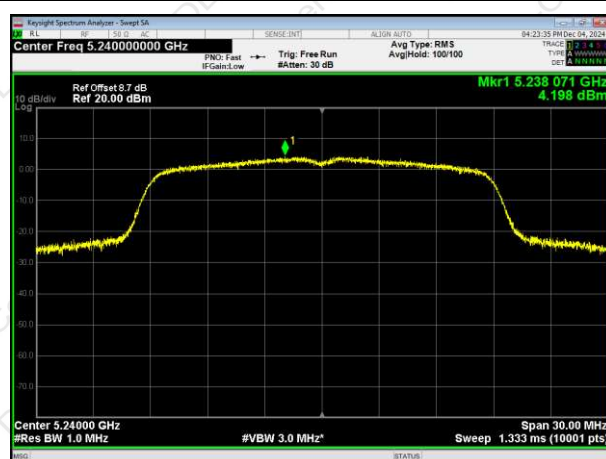
5180MHz



5200MHz



5200MHz

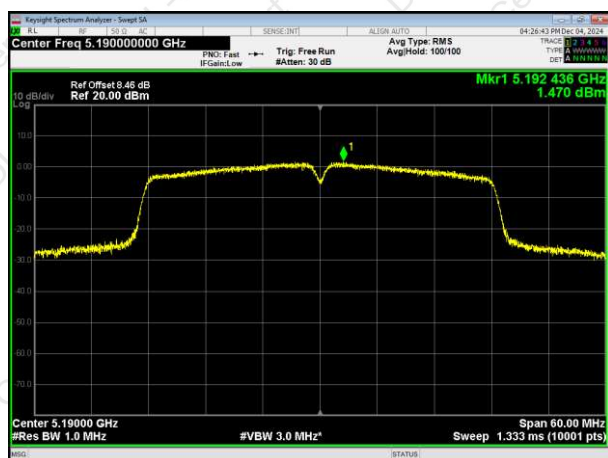


5240MHz

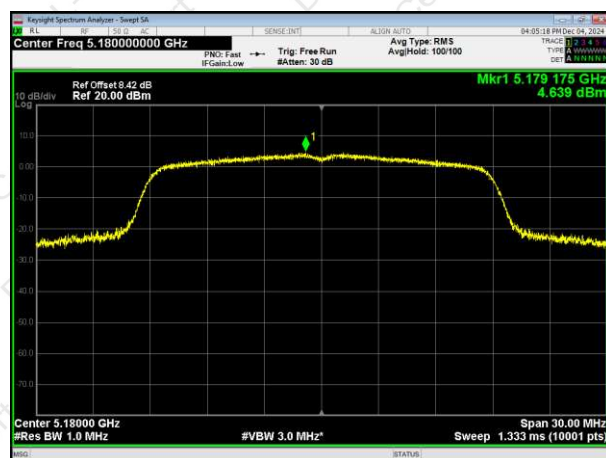
5240MHz



802.11ac HT40



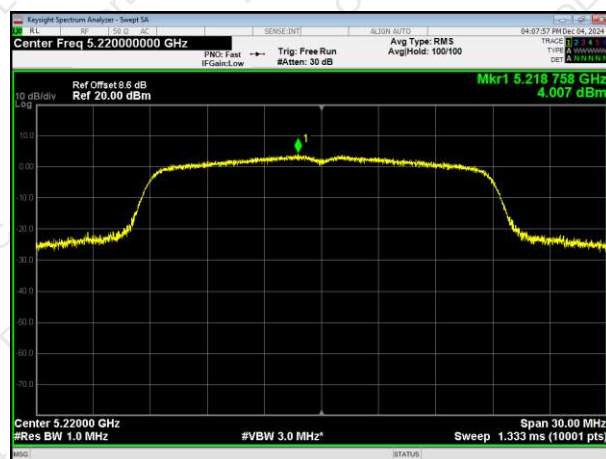
802.11n HT20



5190MHz

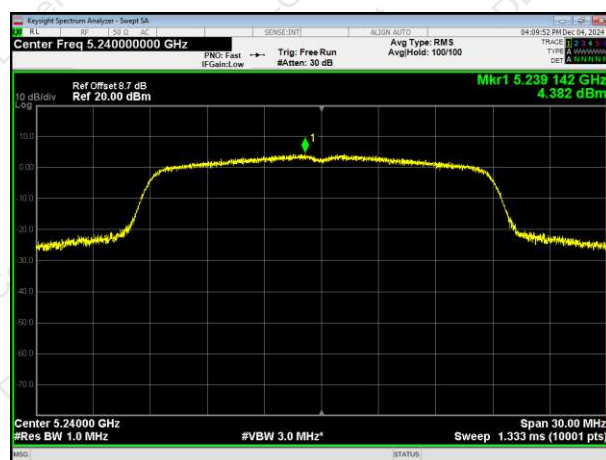


5180MHz



5230MHz

5200MHz



5240MHz