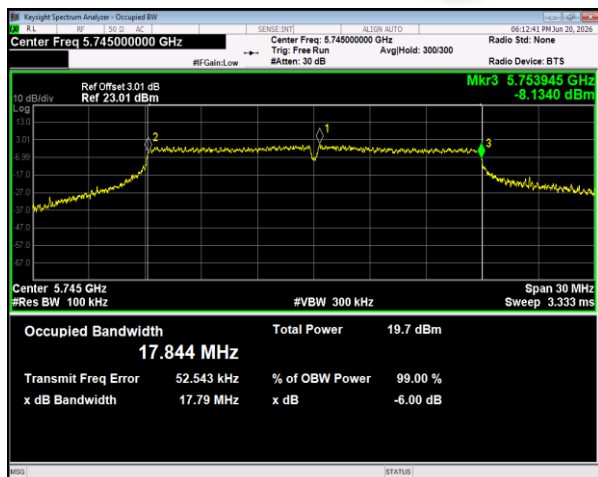
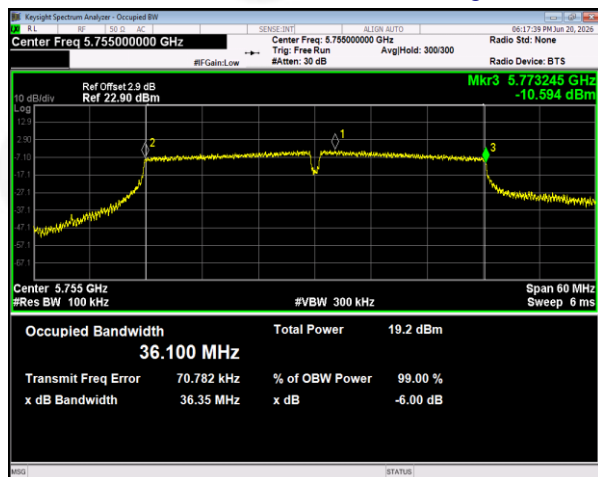
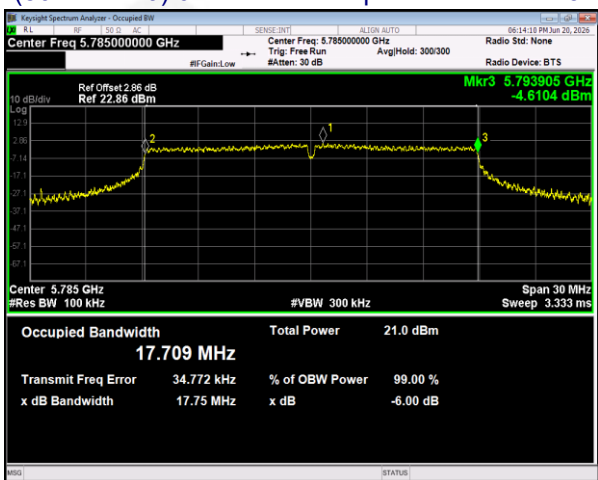




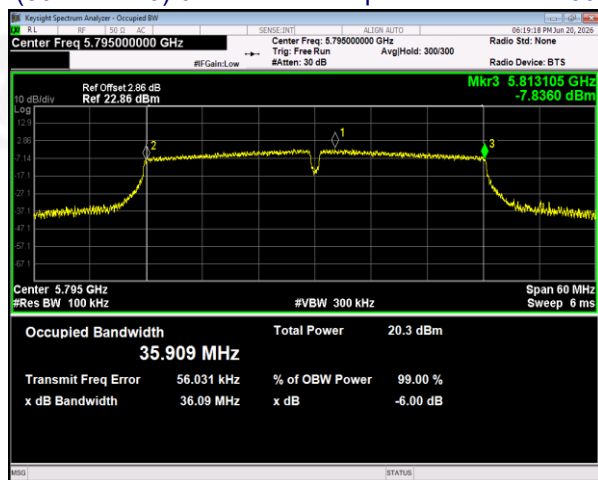
(802.11ac20) 6dB Bandwidth plot on channel 157



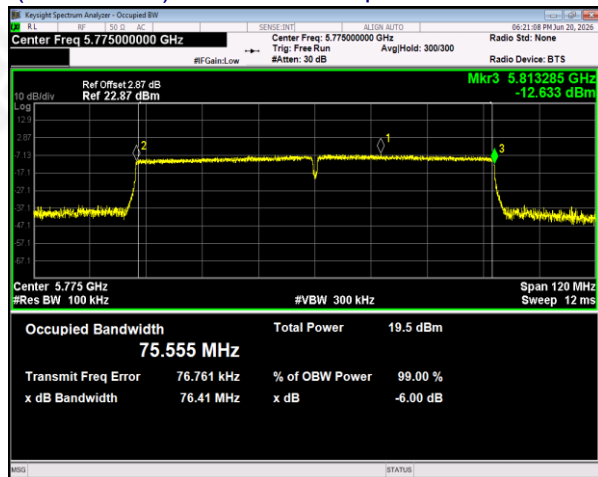
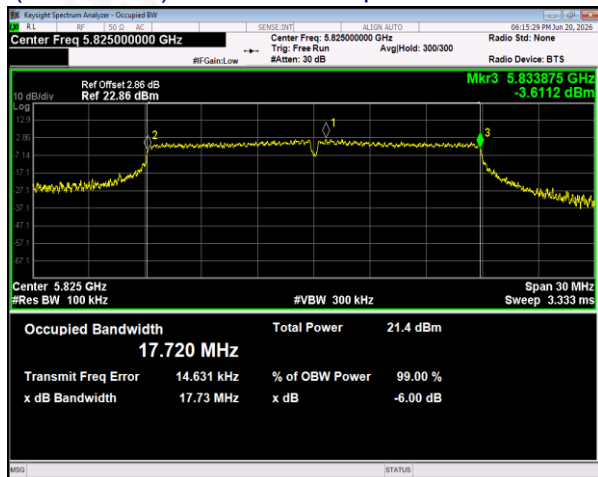
(802.11ac40) 6dB Bandwidth plot on channel 159



(802.11ac20) 6dB Bandwidth plot on channel 165



(802.11ac80) 6dB Bandwidth plot on channel 155





7. MAXIMUM CONDUCTED OUTPUT POWER

7.1 APPLIED PROCEDURES / LIMIT

According to FCC §15.407

The maximum conducted output power should not exceed:

Frequency Band(MHz)	Limit
5150~5250	250mW
5725~5850	1W

7.2 TEST PROCEDURE

Method PM is Measurement using an RF average power meter. The procedure for this method is as follows:

- a) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
 - 1) The EUT is configured to transmit continuously, or to transmit with a constant duty cycle.
 - 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
 - 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
- b) If the transmitter does not transmit continuously, measure the duty cycle D of the transmitter output signal as described in 12.2.
- c) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
- d) Correct the measurement in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle {e.g., $[10 \log (1 / 0.25)]$, if the duty cycle is 25%}.

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 7.4 Unless otherwise a special operating condition is specified in the follows during the testing.



7.6 TEST RESULTS

Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1012 hPa	Test Voltage :	AC 120V/60Hz
Test Band :	5.2G		

5.2G						
Test mode	Test Channel (MHz)	Output power (dBm)			Limit (dBm)	Result
		ANT A	ANT B	Total		
802.11a	5180	15.22	15.88	/	23.98	Pass
	5200	14.34	16.43	/	23.98	Pass
	5240	13.87	15.37	/	23.98	Pass
802.11n20	5180	13.9	15.43	17.74	23.98	Pass
	5200	13.81	15.3	17.63	23.98	Pass
	5240	13.75	14.64	17.23	23.98	Pass
802.11n40	5190	13.52	14.81	17.22	23.98	Pass
	5230	13.24	13.86	16.57	23.98	Pass
802.11ac20	5180	13.96	15.78	17.97	23.98	Pass
	5200	13.82	15.75	17.90	23.98	Pass
	5240	13.69	14.69	17.23	23.98	Pass
802.11ac40	5190	13.63	15.04	17.40	23.98	Pass
	5230	13.03	13.92	16.51	23.98	Pass
802.11ac80	5210	12.67	13.88	16.33	23.98	Pass



Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1012 hPa	Test Voltage :	AC 120V/60Hz
Test Band :	5.8G		

5.8G						
Test mode	Test Channel (MHz)	Output power (dBm)			Limit (dBm)	Result
		ANT A	ANT B	Total		
802.11a	5745	13.46	14.62	/	30	Pass
	5785	15.34	15.92	/	30	Pass
	5825	15.03	16.32	/	30	Pass
802.11n20	5745	13.48	13.88	16.69	30	Pass
	5785	14.63	14.93	17.79	30	Pass
	5825	14.93	15.37	18.17	30	Pass
802.11n40	5755	13.29	13.06	16.19	30	Pass
	5795	14.25	13.83	17.06	30	Pass
802.11ac20	5745	13.48	13.68	16.59	30	Pass
	5785	14.66	14.95	17.82	30	Pass
	5825	14.91	15.49	18.22	30	Pass
802.11ac40	5755	13.18	13.1	16.15	30	Pass
	5795	14.06	14.21	17.15	30	Pass
802.11ac80	5775	13.62	13.48	16.56	30	Pass



8.OUT OF BAND EMISSIONS

8.1 APPLICABLE STANDARD

According to FCC §15.407(b)

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(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.

(2)

(i) 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 10 dBm/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.

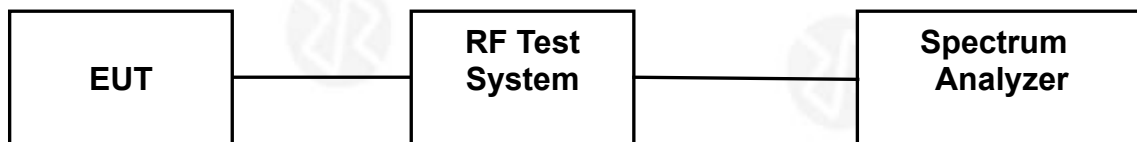
8.2 TEST PROCEDURE

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
3. Set RBW of spectrum analyzer to 1 MHz with a convenient frequency span.
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
5. Repeat above procedures until all measured frequencies were complete.

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 8.4 Unless otherwise a special operating condition is specified in the follows during the testing.

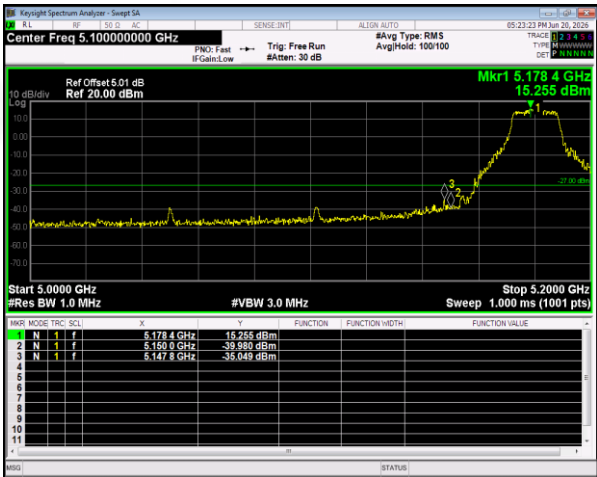


8.6 TEST RESULTS

Note: RF Cable Loss and Antenna gain have been included in the offset.

5.180~5.240 GHz

(802.11a) Band Edge, Left Side



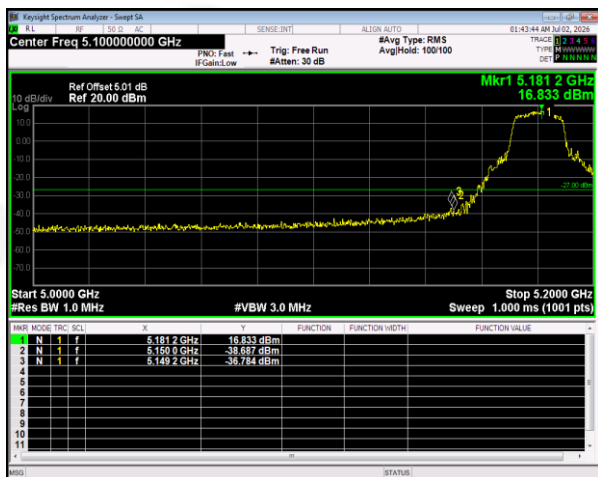
(802.11a) Band Edge, Right Side



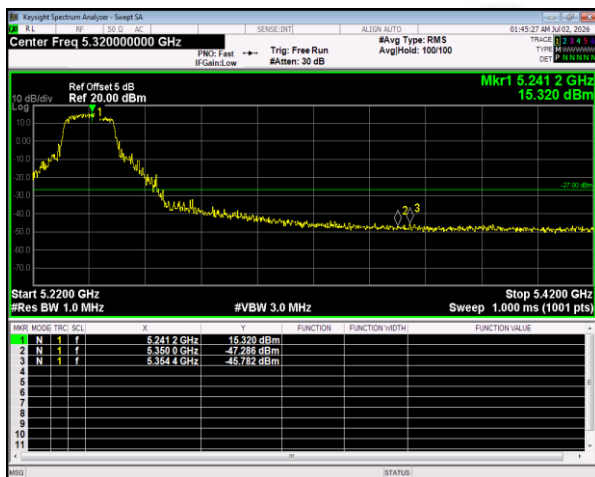
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B Plot.



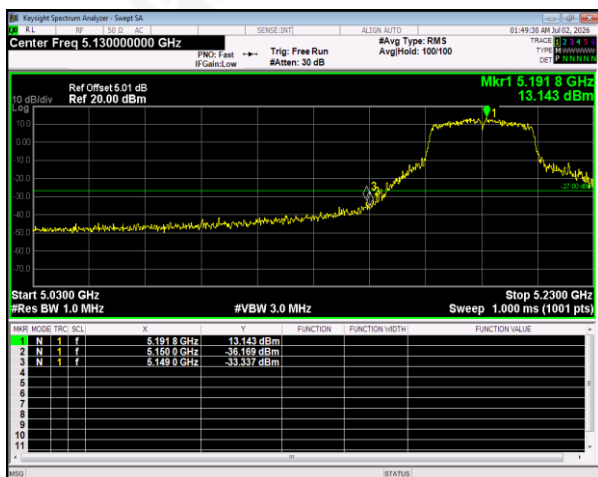
(802.11n20 MIMO) Band Edge, Left Side



(802.11n20 MIMO) Band Edge, Right Side



(802.11n40 MIMO) Band Edge, Left Side

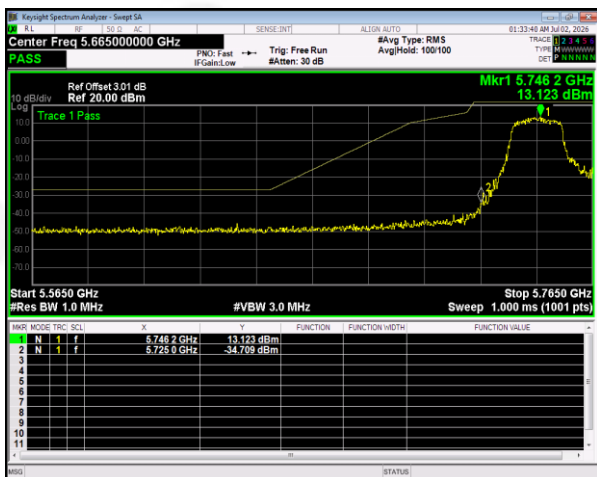


(802.11n40 MIMO) Band Edge, Right Side





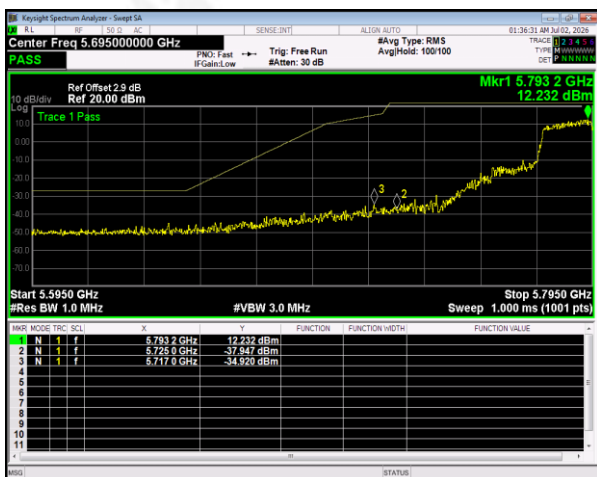
(802.11ac20 MIMO) Band Edge, Left Side



(802.11ac20 MIMO) Band Edge, Right Side



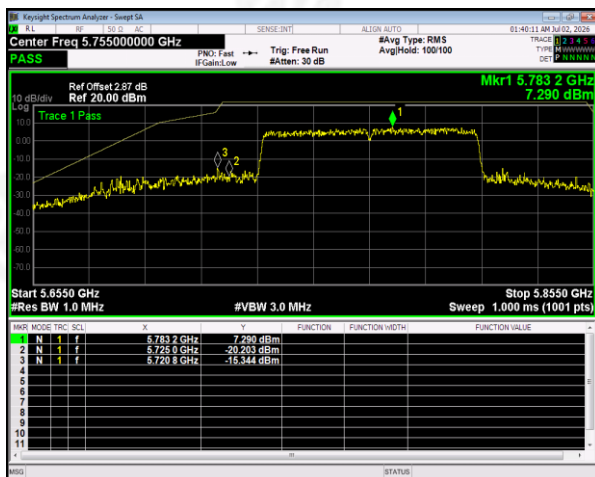
(802.11ac40 MIMO) Band Edge, Left Side



(802.11ac40 MIMO) Band Edge, Right Side



(802.11ac80 MIMO) Band Edge

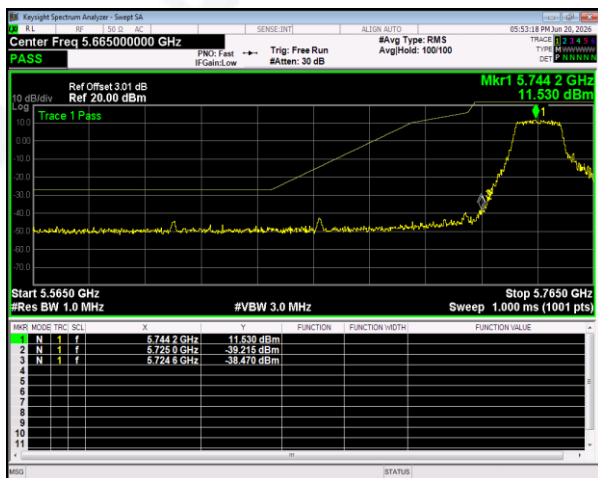




Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B Plot.

5.745~5.825 GHz

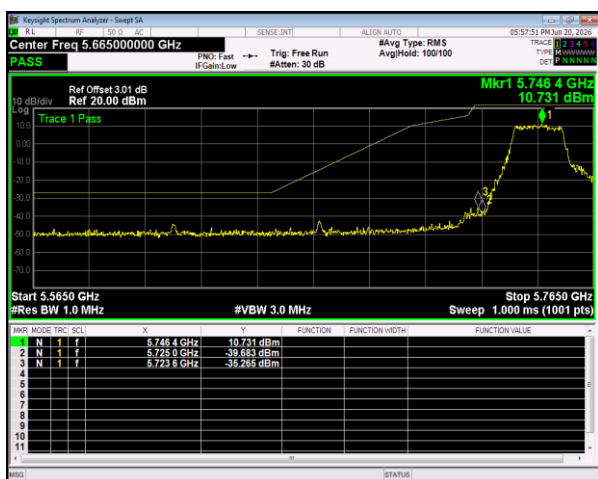
(802.11a) Band Edge, Left Side



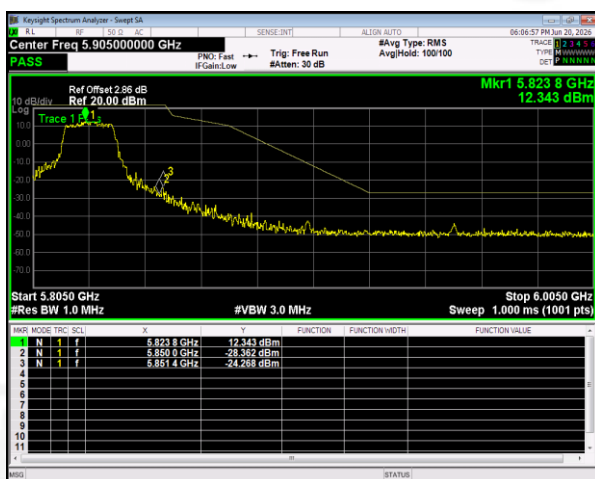
(802.11a) Band Edge, Right Side



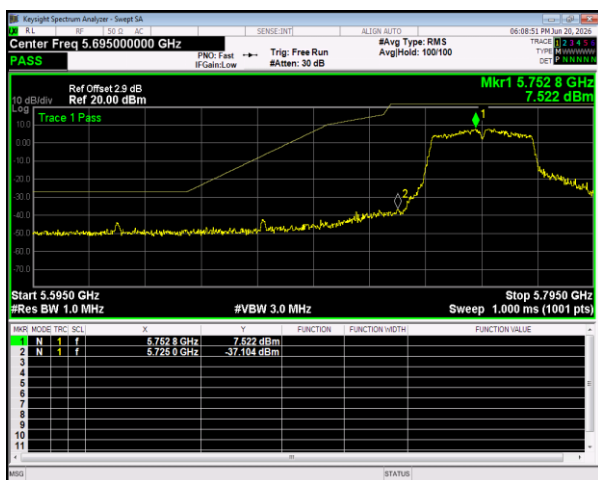
(802.11n20) Band Edge, Left Side



(802.11n20) Band Edge, Right Side



(802.11n40) Band Edge, Left Side

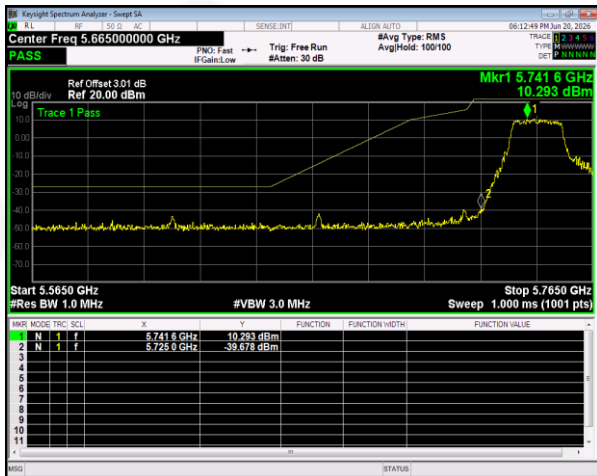


(802.11n40) Band Edge, Right Side





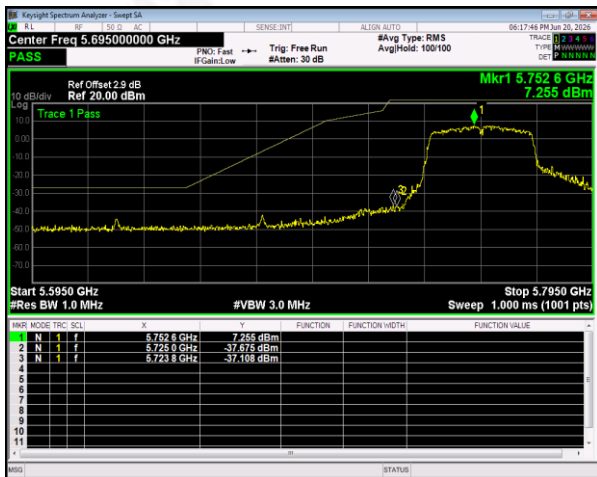
(802.11ac20) Band Edge, Left Side



(802.11ac20) Band Edge, Right Side



(802.11ac40) Band Edge, Left Side



(802.11ac40) Band Edge, Right Side

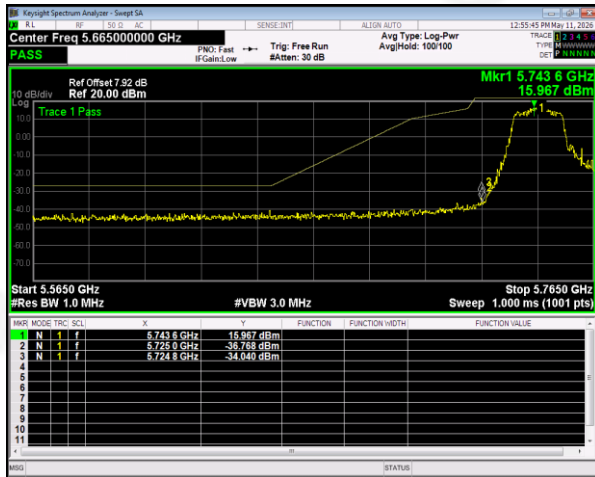


(802.11ac80) Band Edge



(802.11n20 MIMO) Band Edge, Left Side

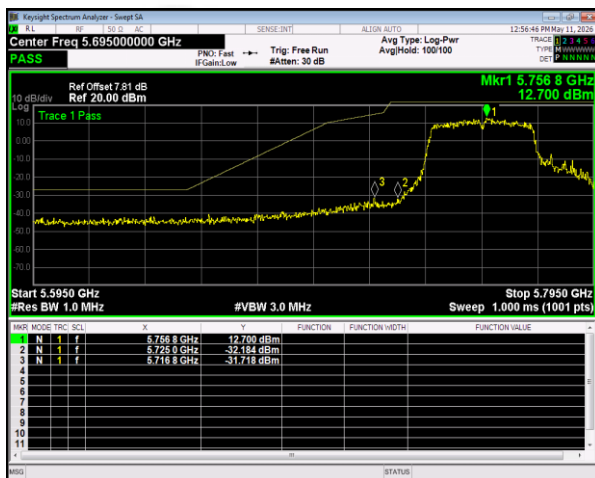
(802.11n20 MIMO) Band Edge, Right Side



(802.11n40 MIMO) Band Edge, Left Side

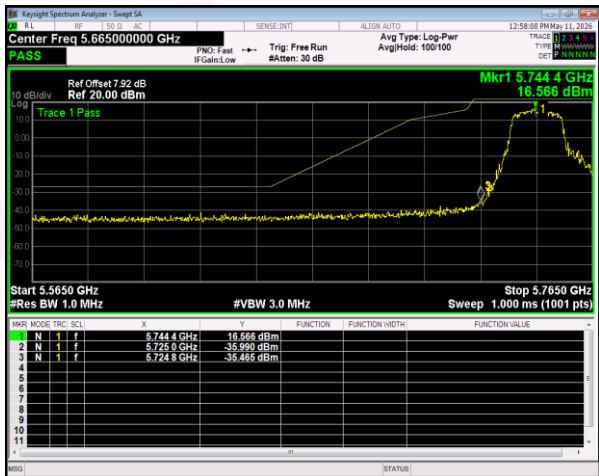


(802.11n40 MIMO) Band Edge, Right Side

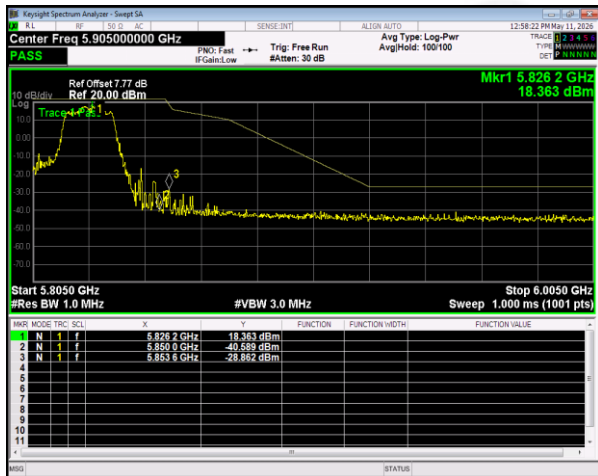




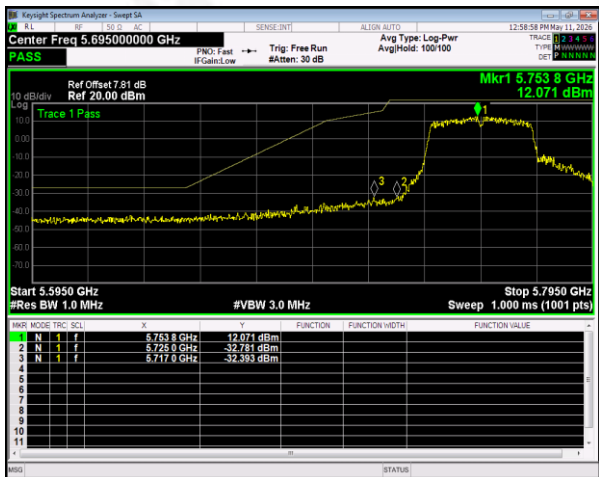
(802.11ac20 MIMO) Band Edge, Left Side



(802.11ac20 MIMO) Band Edge, Right Side



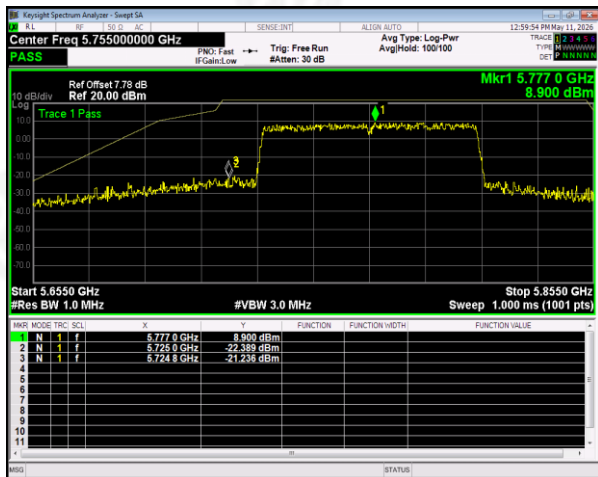
(802.11ac40 MIMO) Band Edge, Left Side



(802.11ac40 MIMO) Band Edge, Right Side



(802.11ac80 MIMO) Band Edge





9. Frequency Stability Measurement

9.1 LIMIT

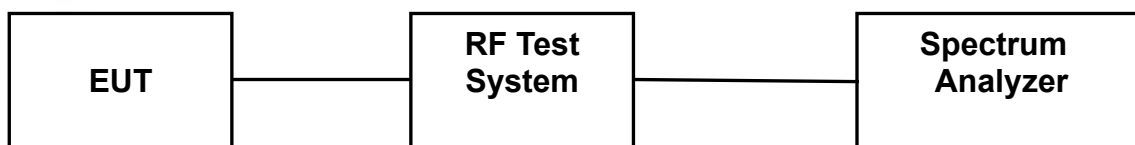
Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band (IEEE 802.11n specification).

9.2 TEST PROCEDURES

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. EUT have transmitted absence of modulation signal and fixed channelize.
3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
4. Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings.
5. f_c is declaring of channel frequency. Then the frequency error formula is $(f_c - f)/f_c \times 10^6$ ppm and the limit is less than ± 20 ppm (IEEE 802.11n specification).
6. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
7. Extreme temperature is $-20^\circ\text{C} \sim 50^\circ\text{C}$.

9.3 TEST SETUP LAYOUT



9.4 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously un-modulation transmitting mode.



9.5 TEST RESULTS

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1012 hPa	Test Voltage :	DC 19V
Note: Note: All channels have been tested, and only the worst test data is recorded in this report.			

Extreme temperature frequency stability:

Reference Frequency: 802.11a - 5180MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
70	19	5179.985	-2.896
60	19	5179.982	-3.475
50	19	5179.956	-8.494
40	19	5179.968	-6.178
30	19	5179.958	-8.108
25	19	5179.986	-2.703
10	19	5179.976	-4.633
0	19	5179.981	-3.668
-10	19	5179.985	-2.896
-20	19	5179.982	-3.475

Reference Frequency: 802.11n20 - 5180MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
70	19	5179.979	-4.054
60	19	5179.984	-3.089
50	19	5179.986	-2.703
40	19	5179.975	-4.826
30	19	5179.976	-4.633
25	19	5179.983	-3.282
10	19	5179.979	-4.054
0	19	5179.986	-2.703
-10	19	5179.985	-2.896
-20	19	5179.982	-3.475



Reference Frequency: 802.11n40 - 5190MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
70	19	5189.978	-4.239
60	19	5189.976	-4.624
50	19	5189.978	-4.239
40	19	5189.975	-4.817
30	19	5189.971	-5.588
25	19	5189.976	-4.624
10	19	5189.974	-5.010
0	19	5189.979	-4.046
-10	19	5189.976	-4.624
-20	19	5189.972	-5.395

Reference Frequency: 802.11ac20 - 5180MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
70	19	5179.978	-4.247
60	19	5179.984	-3.089
50	19	5179.983	-3.282
40	19	5179.985	-2.896
30	19	5179.986	-2.703
25	19	5179.979	-4.054
10	19	5179.986	-2.703
0	19	5179.988	-2.317
-10	19	5179.979	-4.054
-20	19	5179.982	-3.475



Reference Frequency: 802.11ac40 - 5190MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
70	19	5189.983	-3.276
60	19	5189.974	-5.010
50	19	5189.985	-2.890
40	19	5189.974	-5.010
30	19	5189.982	-3.468
25	19	5189.979	-4.046
10	19	5189.982	-3.468
0	19	5189.976	-4.624
-10	19	5189.978	-4.239
-20	19	5189.981	-3.661

Reference Frequency: 802.11ac80 - 5210MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
70	19	5209.983	-3.263
60	19	5209.987	-2.495
50	19	5209.986	-2.687
40	19	5209.984	-3.071
30	19	5209.986	-2.687
25	19	5209.987	-2.495
10	19	5209.988	-2.303
0	19	5209.984	-3.071
-10	19	5209.983	-3.263
-20	19	5209.984	-3.071



Reference Frequency: 802.11a - 5745MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
70	19	5744.985	-2.611
60	19	5744.976	-4.178
50	19	5744.981	-3.307
40	19	5744.976	-4.178
30	19	5744.979	-3.655
25	19	5744.982	-3.133
10	19	5744.986	-2.437
0	19	5744.988	-2.089
-10	19	5744.982	-3.133
-20	19	5744.979	-3.655

Reference Frequency: 802.11n20 - 5745MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
70	19	5744.976	-4.178
60	19	5744.969	-5.396
50	19	5744.981	-3.307
40	19	5744.985	-2.611
30	19	5744.975	-4.352
25	19	5744.976	-4.178
10	19	5744.971	-5.048
0	19	5744.982	-3.133
-10	19	5744.983	-2.959
-20	19	5744.971	-5.048



Reference Frequency: 802.11n40 - 5755MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
70	19	5754.984	-2.780
60	19	5754.978	-3.823
50	19	5754.982	-3.128
40	19	5754.984	-2.780
30	19	5754.986	-2.433
25	19	5754.981	-3.301
10	19	5754.983	-2.954
0	19	5754.985	-2.606
-10	19	5754.981	-3.301
-20	19	5754.983	-2.954

Reference Frequency: 802.11ac20 - 5745MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
70	19	5744.981	-3.307
60	19	5744.979	-3.655
50	19	5744.978	-3.829
40	19	5744.985	-2.611
30	19	5744.988	-2.089
25	19	5744.986	-2.437
10	19	5744.985	-2.611
0	19	5744.981	-3.307
-10	19	5744.976	-4.178
-20	19	5744.982	-3.133



Reference Frequency: 802.11ac40 - 5755MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
70	3.85	5754.984	-2.780
60	3.85	5754.979	-3.649
50	3.85	5754.988	-2.085
40	3.85	5754.987	-2.259
30	3.85	5754.981	-3.301
25	3.85	5754.983	-2.954
10	3.85	5754.984	-2.780
0	3.85	5754.982	-3.128
-10	3.85	5754.983	-2.954
-20	3.85	5754.988	-2.085

Reference Frequency: 802.11ac80 - 5775MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
70	3.85	5774.982	-3.117
60	3.85	5774.974	-4.502
50	3.85	5774.968	-5.541
40	3.85	5774.984	-2.771
30	3.85	5774.971	-5.022
25	3.85	5774.969	-5.368
10	3.85	5774.975	-4.329
0	3.85	5774.959	-7.100
-10	3.85	5774.968	-5.541
-20	3.85	5774.981	-3.290



Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1012 hPa	Test Voltage :	AC 120V/60Hz
Note: Note: All channels have been tested, and only the worst test data is recorded in this report.			

Extreme voltage frequency stability:

Reference Frequency: 802.11a - 5180MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
25	21.85	5179.982	-3.475
25	19.95	5179.986	-2.703
25	19.00	5179.989	-2.124
25	18.05	5179.984	-3.089
25	16.15	5179.985	-2.896

Reference Frequency: 802.11n20 - 5180MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
25	21.85	5179.986	-2.703
25	19.95	5179.984	-3.089
25	19.00	5179.983	-3.282
25	18.05	5179.984	-3.089
25	16.15	5179.982	-3.475

Reference Frequency: 802.11n40 - 5190MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
25	21.85	5189.984	-3.083
25	19.95	5189.978	-4.239
25	19.00	5189.976	-4.624
25	18.05	5189.969	-5.973
25	16.15	5189.975	-4.817



Reference Frequency: 802.11ac20 - 5180MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
25	21.85	5179.975	-4.826
25	19.95	5179.981	-3.668
25	19.00	5179.978	-4.247
25	18.05	5179.976	-4.633
25	16.15	5179.983	-3.282

Reference Frequency: 802.11ac40 - 5190MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
25	21.85	5189.985	-2.890
25	19.95	5189.976	-4.624
25	19.00	5189.987	-2.505
25	18.05	5189.984	-3.083
25	16.15	5189.986	-2.697

Reference Frequency: 802.11ac80 - 5210MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
25	21.85	5209.991	-1.727
25	19.95	5209.984	-3.071
25	19.00	5209.979	-4.031
25	18.05	5209.983	-3.263
25	16.15	5209.992	-1.536



Reference Frequency: 802.11a - 5745MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
25	21.85	5744.975	-4.352
25	19.95	5744.976	-4.178
25	19.00	5744.981	-3.307
25	18.05	5744.972	-4.874
25	16.15	5744.969	-5.396

Reference Frequency: 802.11n20 - 5745MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
25	21.85	5744.981	-3.307
25	19.95	5744.983	-2.959
25	19.00	5744.975	-4.352
25	18.05	5744.973	-4.700
25	16.15	5744.981	-3.307

Reference Frequency: 802.11n40 - 5755MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
25	21.85	5754.985	-2.606
25	19.95	5754.979	-3.649
25	19.00	5754.982	-3.128
25	18.05	5754.987	-2.259
25	16.15	5754.983	-2.954

Reference Frequency: 802.11ac20 - 5745MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
25	21.85	5744.985	-2.611
25	19.95	5744.982	-3.133
25	19.00	5744.986	-2.437
25	18.05	5744.973	-4.700
25	16.15	5744.975	-4.352



Reference Frequency: 802.11ac40 - 5755MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
25	21.85	5754.983	-2.954
25	19.95	5754.982	-3.128
25	19.00	5754.981	-3.301
25	18.05	5754.979	-3.649
25	16.15	5754.986	-2.433

Reference Frequency: 802.11ac80 - 5775MHz			
Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
		Measured Frequency (MHz)	Deviation (ppm)
25	21.85	5774.985	-2.597
25	19.95	5774.983	-2.944
25	19.00	5774.984	-2.771
25	18.05	5774.982	-3.117
25	16.15	5774.984	-2.771



10. DUTY CYCLE

10.1 APPLIED PROCEDURES / LIMIT

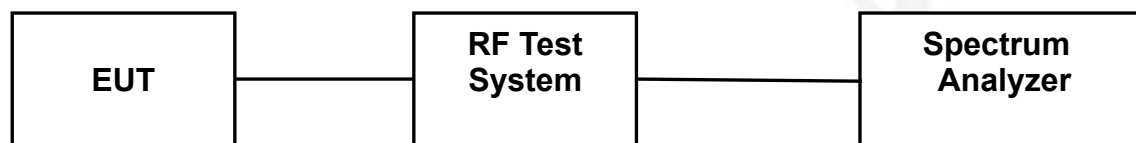
Measurements of duty cycle and transmission duration shall be performed using one of the following techniques:

- a) A diode detector and an oscilloscope that together have a sufficiently short response time to permit accurate measurements of the ON and OFF times of the transmitted signal.
- b) The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:
 - 1) Set the center frequency of the instrument to the center frequency of the transmission.
 - 2) Set $RBW \geq OBW$ if possible; otherwise, set RBW to the largest available value.
 - 3) Set $VBW \geq RBW$. Set detector = peak or average.
 - 4) The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$ and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if $T \leq 16.7 \mu s$.)

10.2 DEVIATION FROM STANDARD

No deviation.

10.3 TEST SETUP



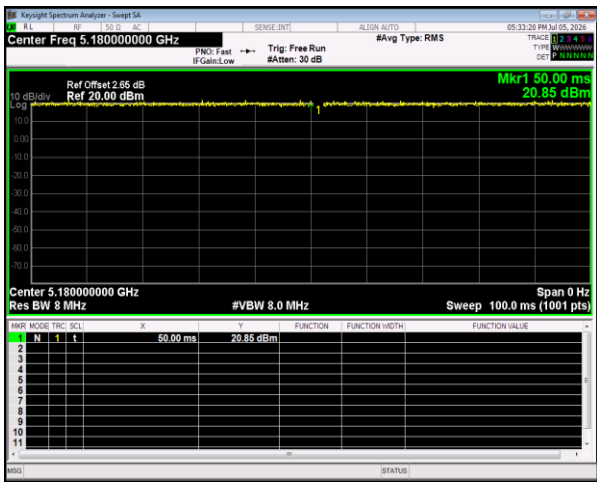


10.4 TEST RESULTS

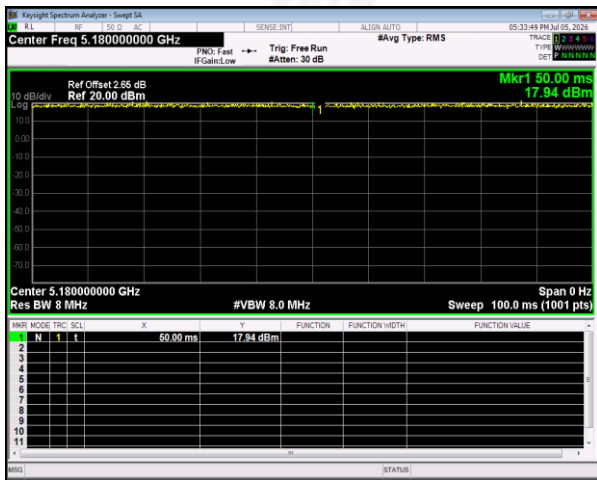
5.2G			
Mode	Frequency (MHz)	Duty Cycle (%)	Result
802.11a	5180	100	Pass
802.11n20	5180	100	Pass
802.11n40	5190	100	Pass
802.11ac20	5180	100	Pass
802.11ac40	5190	100	Pass
802.11ac80	5210	100	Pass



802.11a

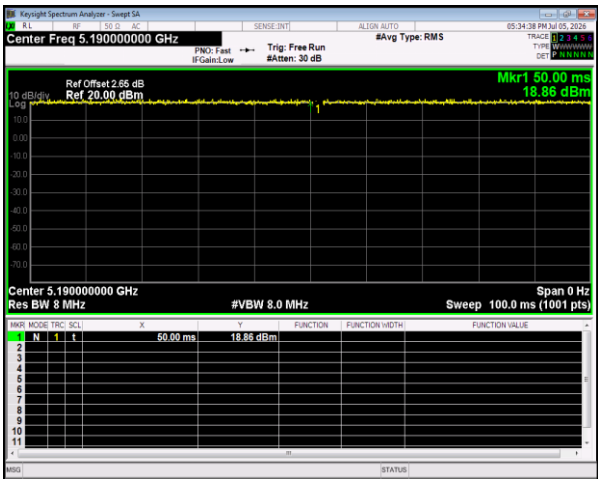


802.11n20

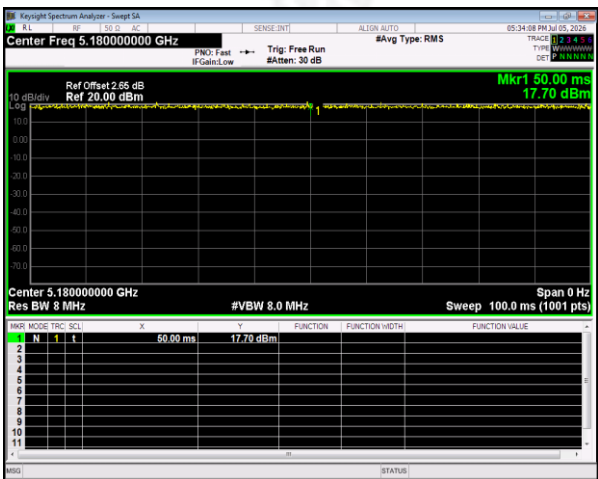




802.11n40

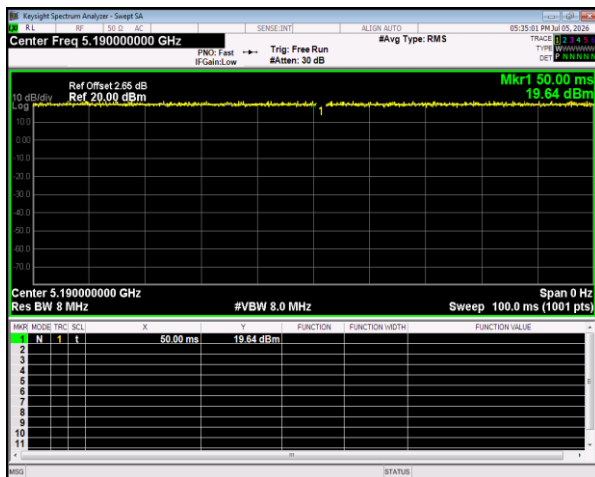


802.11ac20

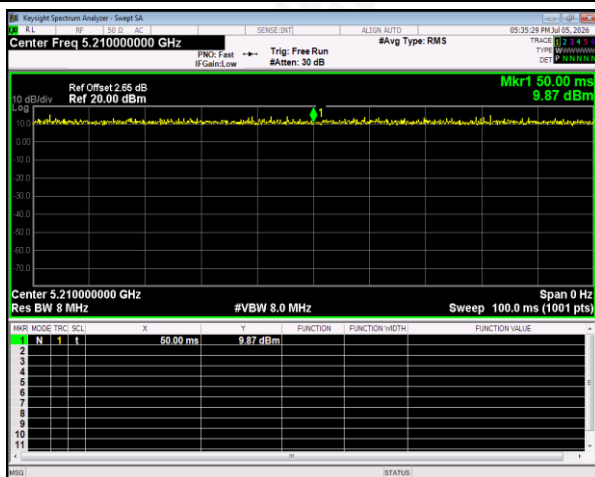




802.11ac40



802.11ac80



Note: All channel have been tested, and the report only reflects the worst case data.

Duty Cycle= Ton /Total*100%

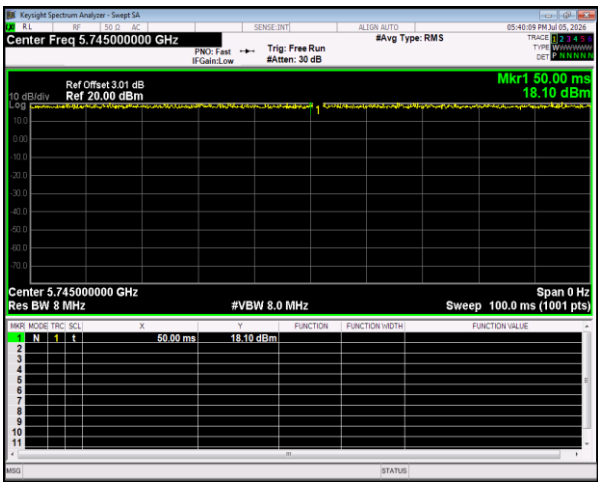
Duty Cycle Correction Factor = 10log (1/Duty Cycle)



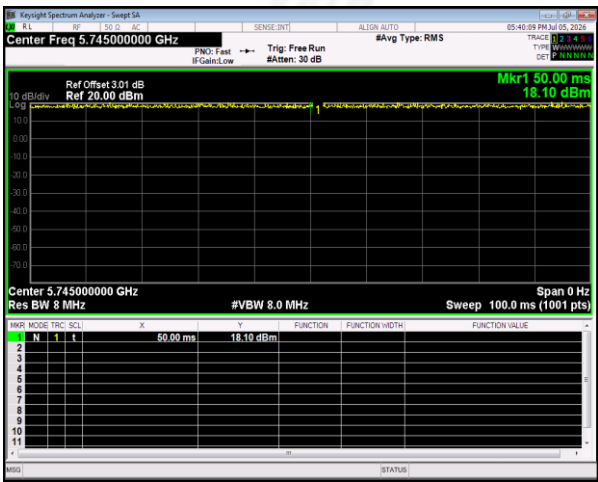
5.8G			
Mode	Frequency (MHz)	Duty Cycle (%)	Result
802.11a	5745	100	Pass
802.11n20	5745	100	Pass
802.11n40	5755	100	Pass
802.11ac20	5745	100	Pass
802.11ac40	5755	100	Pass
802.11ac80	5775	100	Pass



802.11a

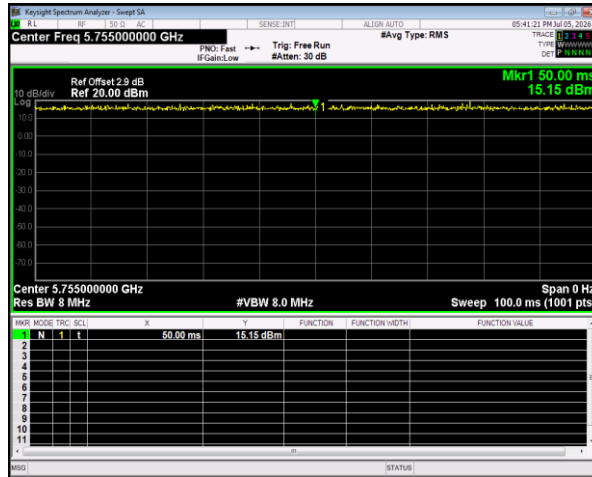


802.11n20

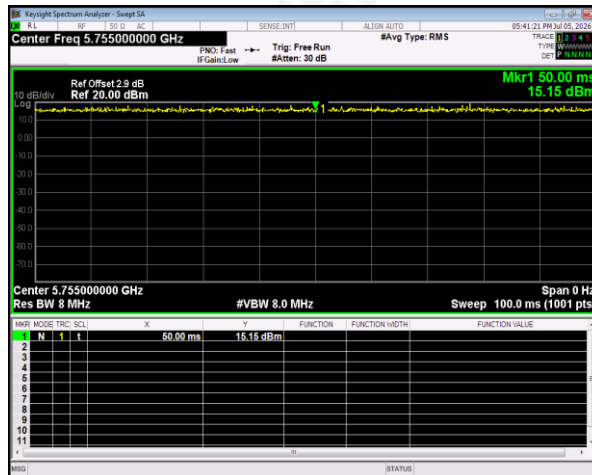




802.11n40

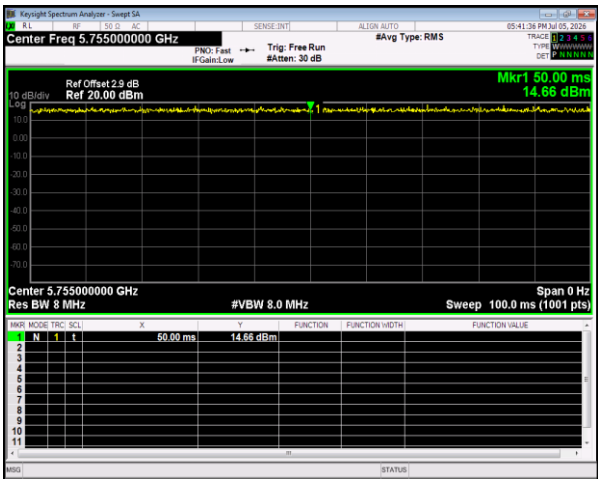


802.11ac20

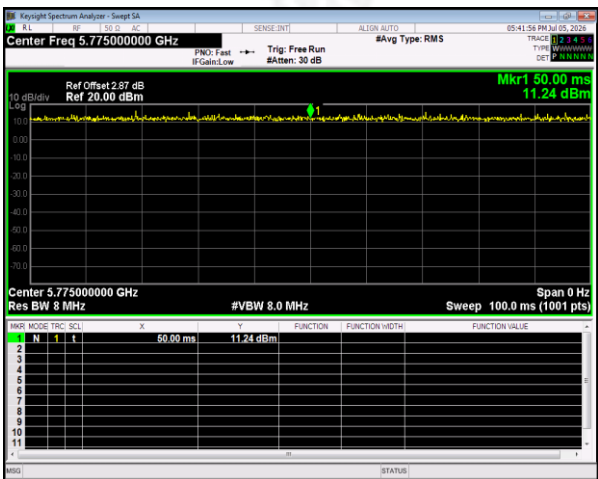




802.11ac40



802.11ac80



Note: All channel have been tested, and the report only reflects the worst case data.
Duty Cycle= Ton /Total*100%
Duty Cycle Correction Factor = 10log (1/Duty Cycle)



11.ANTENNA REQUIREMENT

Standard requirement:	FCC Part15 C Section 15.203
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.	
EUT Antenna:	
The antenna is FPCB Antenna, the best case gain of the antenna A/B is 5.2G: 2.14dBi, 5.8G: 3.47dBi, reference to the appendix II for details	



12. TEST SETUP PHOTO

Reference to the appendix I for details.

13. EUT CONSTRUCTIONAL DETAILS

Reference to the appendix II for details.

***** END OF REPORT *****