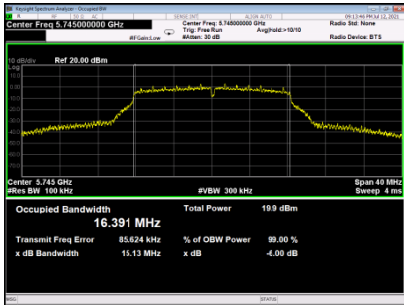


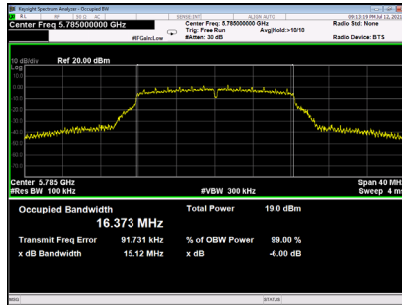
UNII-3_TX A Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99% Emission Bandwidth(MHz)	6dB Bandwidth Min. Limit(kHz)	Result
149	5745	15.13	16.703	500	PASS
157	5785	15.12	16.591	500	PASS
165	5825	15.15	16.766	500	PASS

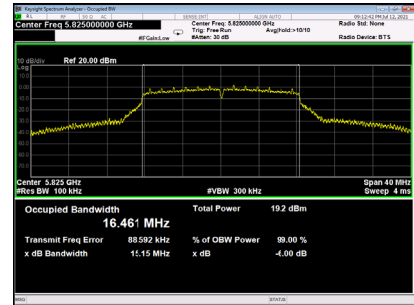
CH149



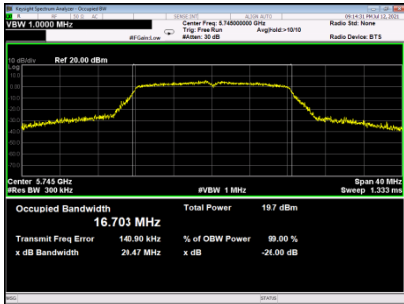
**6 dB Bandwidth
CH157**



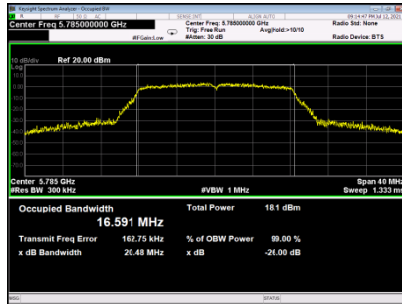
CH165



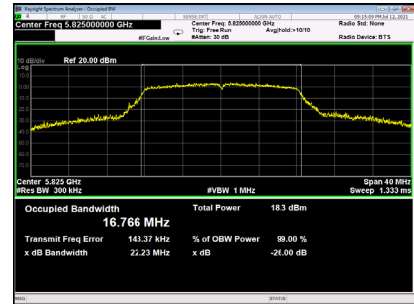
**99% Emission Bandwidth
CH149**



CH157



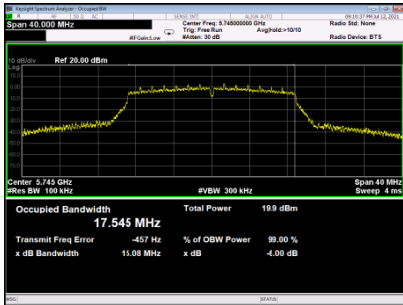
CH165



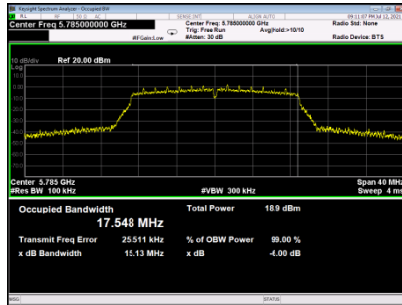
UNII-3_TX N (HT20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99% Emission Bandwidth(MHz)	6dB Bandwidth Min. Limit(kHz)	Result
149	5745	15.08	17.663	500	PASS
157	5785	15.13	17.668	500	PASS
165	5825	15.13	17.743	500	PASS

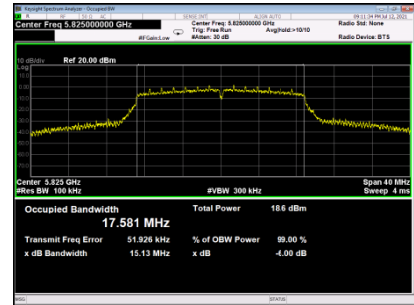
CH149



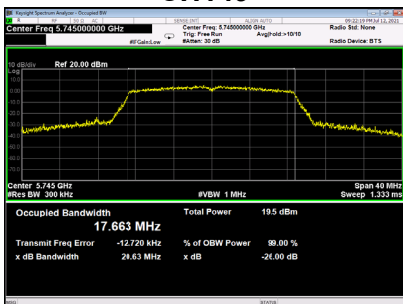
**6 dB Bandwidth
CH157**



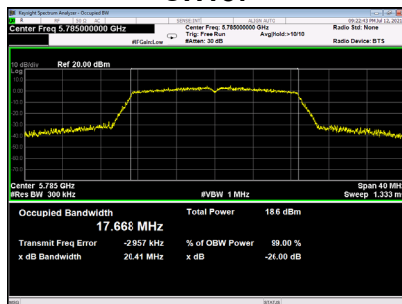
CH165



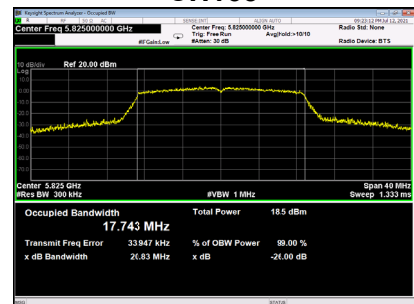
CH149



**99% Emission Bandwidth
CH157**



CH165

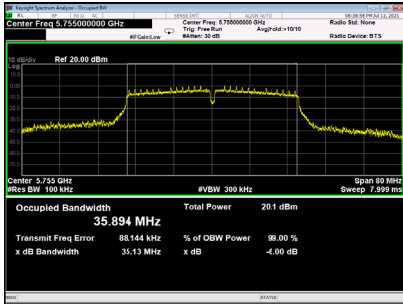


UNII-3_TX N (HT40) Mode

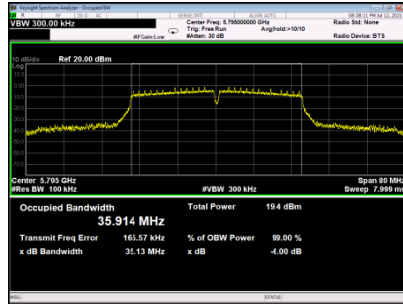
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99% Emission Bandwidth(MHz)	6dB Bandwidth Min. Limit(kHz)	Result
151	5755	35.13	36.469	500	PASS
159	5795	35.13	36.400	500	PASS

6 dB Bandwidth

CH151

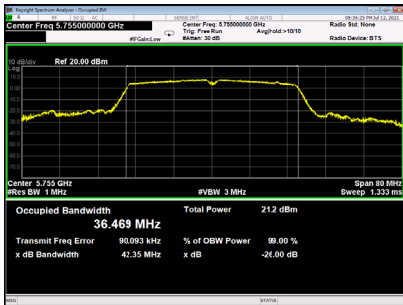


CH159

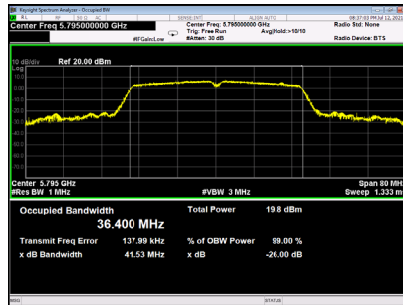


99% Emission Bandwidth

CH151



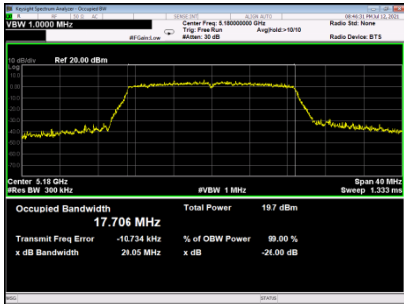
CH159



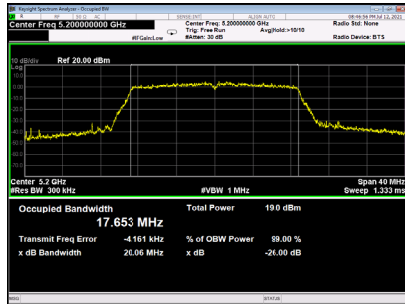
UNII-1_TX AC (VHT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	20.05	17.706
40	5200	20.06	17.653
48	5240	20.03	17.689

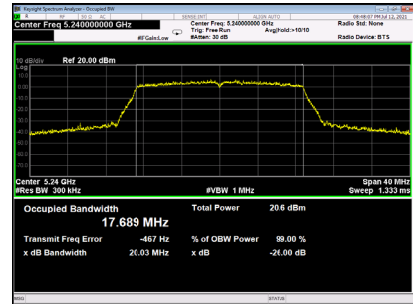
CH36



CH40



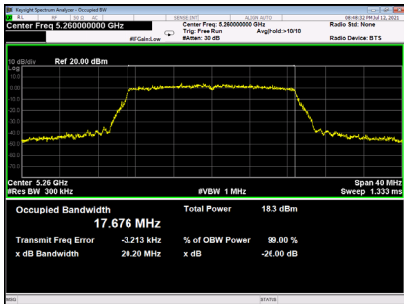
CH48



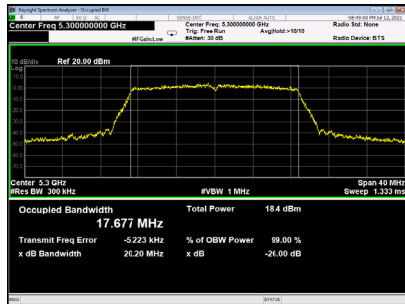
UNII-2A_TX AC (VHT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
52	5260	20.20	17.676
60	5300	20.20	17.677
64	5320	20.11	17.664

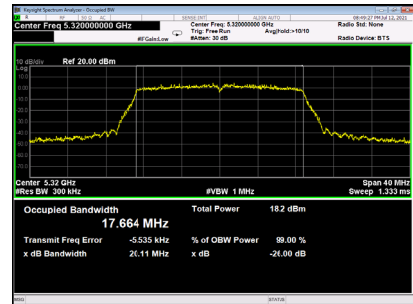
CH52



CH60



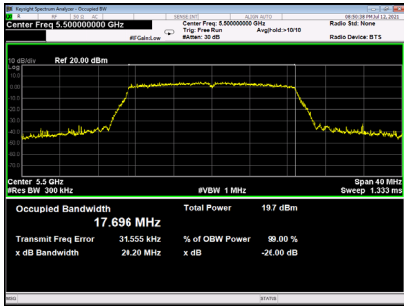
CH64



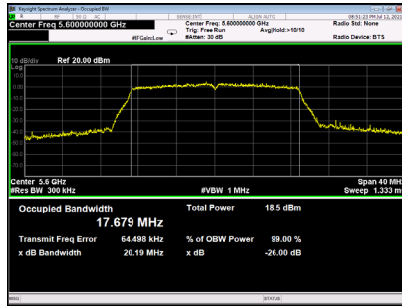
UNII-2C_TX AC (VHT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
100	5500	20.20	17.696
120	5600	20.19	17.679
140	5700	20.15	17.662

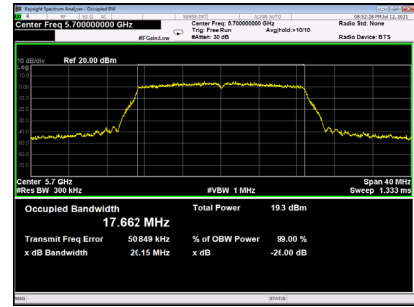
CH100



CH120



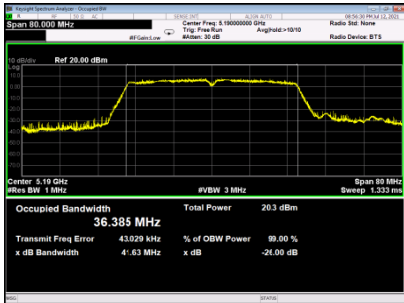
CH140



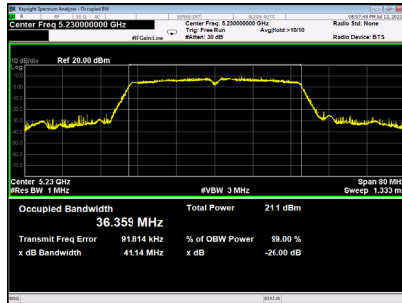
UNII-1_TX AC (VHT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
38	5190	41.63	36.385
46	5230	41.14	36.359

CH38



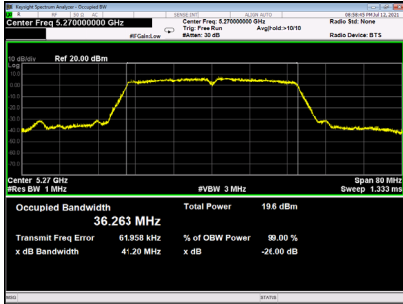
CH46



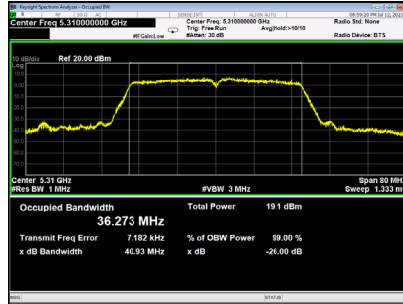
UNII-2A_TX AC (VHT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
54	5270	41.20	36.263
62	5310	40.93	36.273

CH54



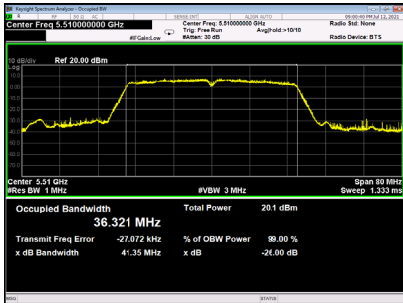
CH62



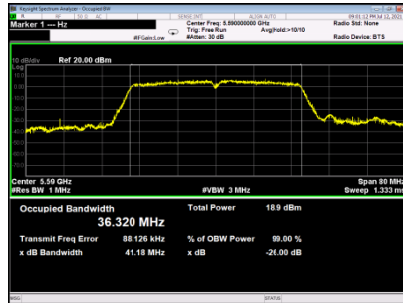
UNII-2C_TX AC (VHT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
102	5510	41.35	36.321
118	5590	41.18	36.320
134	5670	40.89	36.320

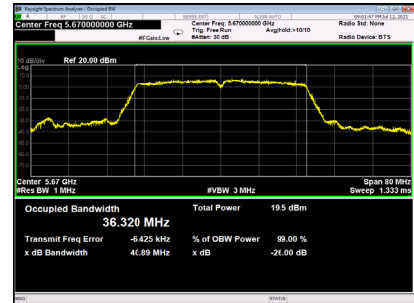
CH102



CH118



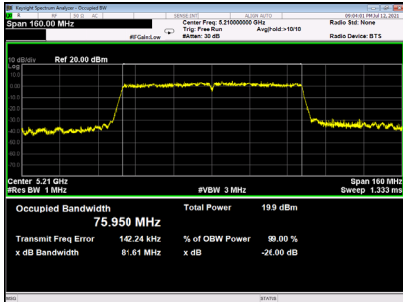
CH134



UNII-1_TX AC (VHT80) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
42	5210	81.61	75.950

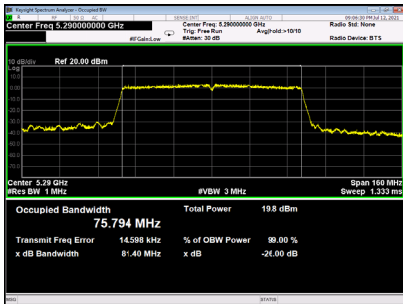
CH42



UNII-2A_TX AC (VHT80) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
58	5290	81.40	75.794

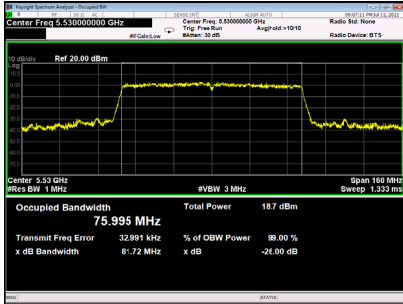
CH58



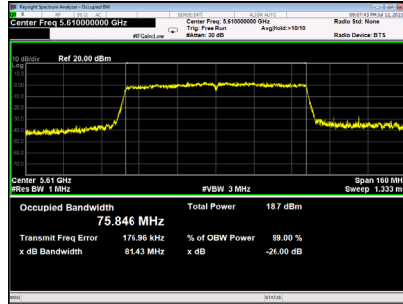
UNII-2C_TX AC (VHT80) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
106	5530	81.72	75.995
122	5610	81.43	75.846

CH106



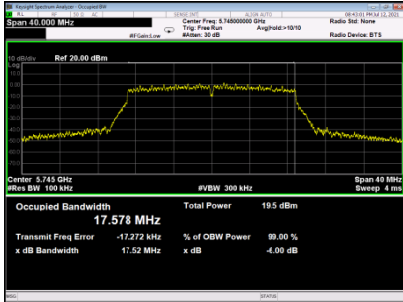
CH122



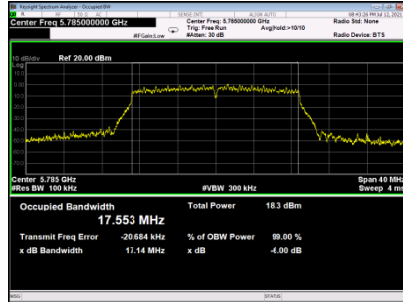
UNII-3_TX AC (VHT20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99% Emission Bandwidth(MHz)	6dB Bandwidth Min. Limit(kHz)	Result
149	5745	17.52	17.679	500	PASS
157	5785	17.14	17.695	500	PASS
165	5825	17.30	17.667	500	PASS

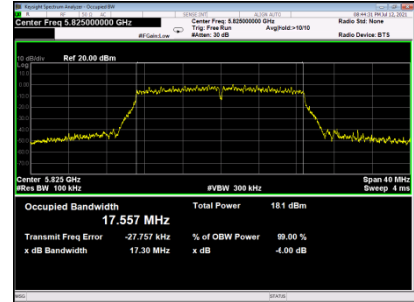
CH149



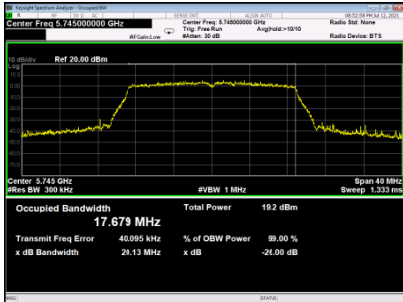
**6 dB Bandwidth
CH157**



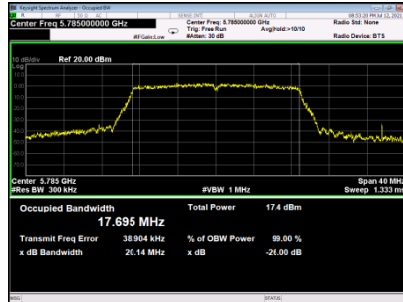
CH165



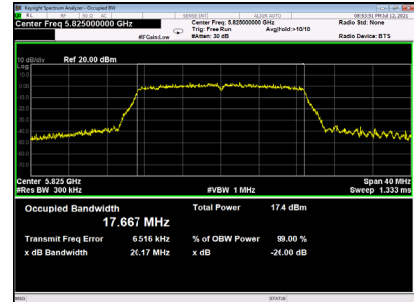
CH149



**99% Emission Bandwidth
CH157**



CH165

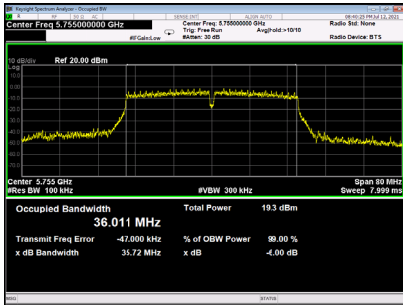


UNII-3_TX AC (VHT40) Mode

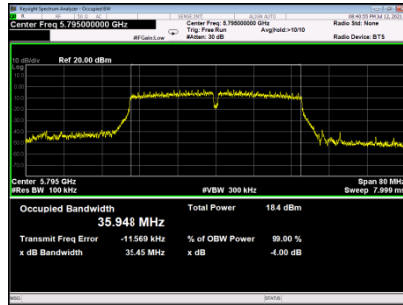
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99% Emission Bandwidth(MHz)	6dB Bandwidth Min. Limit(kHz)	Result
151	5755	35.72	36.237	500	PASS
159	5795	35.45	35.327	500	PASS

6 dB Bandwidth

CH151

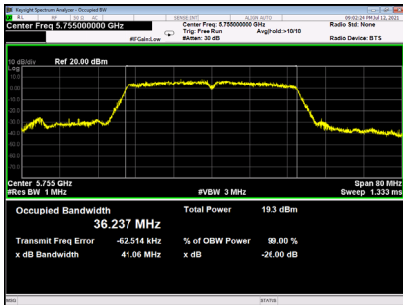


CH159

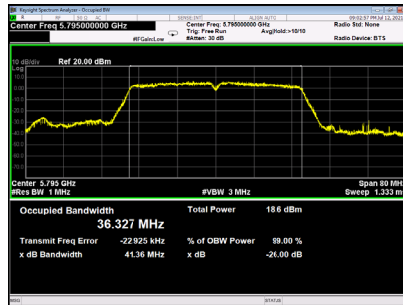


99% Emission Bandwidth

CH151



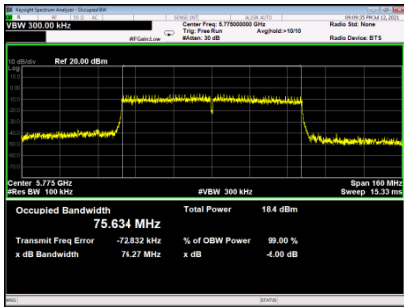
CH159



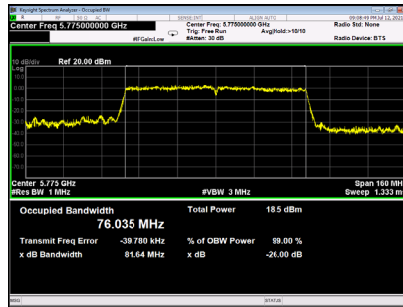
UNII-3_TX AC (VHT80) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99% Emission Bandwidth(MHz)	6dB Bandwidth Min. Limit(kHz)	Result
155	5775	76.27	76.035	500	PASS

**6 dB Bandwidth
CH155**



**99% Emission Bandwidth
CH155**



7 MAXIMUM OUTPUT POWER TEST

7.1 LIMIT

FCC Part15, Subpart E (15.407)&RSS-247			
Section	Test Item	Limit	Frequency Range (MHz)
RSS-247 6.2.1.1	EIRP Output Power	not exceed 200 mW or $10 + 10 \log B$, dBm, whichever power is less	5150-5250
15.407(a)	Maximum Output Power	AP device: 1 Watt (30dBm) Client device: 250mW (24dBm)	5150-5250
15.407(a) RSS-247 6.2.4.1	Maximum Output Power	1 Watt (30dBm)	5725-5850

Note:

- a. For 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. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- b. B is the 99% emission bandwidth in megahertz.

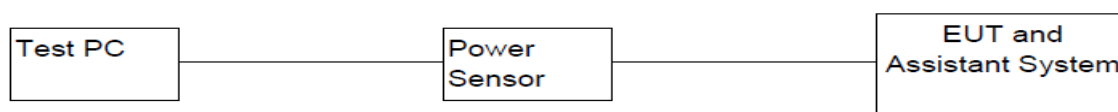
7.2 TEST PROCEDURE AND SETTING

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- b. Test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- c. $EIRP \text{ Power} = \text{Output Power} + \text{Directional Gain}$
MIMO Directional Gain = Ant 1 Gain + Ant 2 Gain = 3dBi + 3dBi = 6.01dBi

7.3 MEASUREMENT INSTRUMENTS LIST

Item	Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	Power Sensor	KEYSIGHT	U2021XA	MY55240009	05/23/2022
2	Attenuator	Mini-Circuits	BW-S10W2	101109	N/A
3	RF Cable	Micable	C10-01-01-1	100309	N/A
4	Test Software	KEYSIGHT	Power Panel	V3.11	N/A

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

UNII-1_TX A Mode_Ant 1 For FCC

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	14.85	0.00	14.85	24.00	0.25	PASS
40	5200	14.44	0.00	14.44	24.00	0.25	PASS
48	5240	14.82	0.00	14.82	24.00	0.25	PASS

UNII-1_TX A Mode_Ant 2For FCC

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	14.59	0.00	14.59	24.00	0.25	PASS
40	5200	14.40	0.00	14.40	24.00	0.25	PASS
48	5240	15.00	0.00	15.00	24.00	0.25	PASS

UNII-1_TX A Mode_Ant 1 For IC

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	EIRP + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	17.85	0.00	17.85	23.00	0.2	PASS
40	5200	17.44	0.00	17.44	23.00	0.2	PASS
48	5240	17.82	0.00	17.82	23.00	0.2	PASS

UNII-1_TX A Mode_Ant 2 For IC

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	EIRP + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	17.59	0.00	17.59	23.00	0.2	PASS
40	5200	17.40	0.00	17.40	23.00	0.2	PASS
48	5240	18.00	0.00	18.00	23.00	0.2	PASS

UNII-2A_TX A Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	14.67	0.00	14.67	24.00	0.25	PASS
60	5300	14.63	0.00	14.63	24.00	0.25	PASS
64	5320	14.45	0.00	14.45	24.00	0.25	PASS

UNII-2A_TX A Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	14.72	0.00	14.72	24.00	0.25	PASS
60	5300	14.96	0.00	14.96	24.00	0.25	PASS
64	5320	14.79	0.00	14.79	24.00	0.25	PASS

UNII-2C_TX A Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	14.29	0.00	14.29	24.00	0.25	PASS
120	5600	14.44	0.00	14.44	24.00	0.25	PASS
140	5700	14.90	0.00	14.90	24.00	0.25	PASS

UNII-2C_TX A Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	14.83	0.00	14.83	24.00	0.25	PASS
120	5600	14.73	0.00	14.73	24.00	0.25	PASS
140	5700	14.75	0.00	14.75	24.00	0.25	PASS

UNII-1_TX N (HT20) Mode _Ant 1							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	13.03	0.00	13.03	24.00	0.25	PASS
40	5200	12.58	0.00	12.58	24.00	0.25	PASS
48	5240	12.18	0.00	12.18	24.00	0.25	PASS

UNII-1_TX N (HT20) Mode _Ant 2							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	13.10	0.00	13.10	24.00	0.25	PASS
40	5200	12.51	0.00	12.51	24.00	0.25	PASS
48	5240	12.69	0.00	12.69	24.00	0.25	PASS

UNII-1_TX N (HT20) Mode _Total For FCC					
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	16.08	24.00	0.25	PASS
40	5200	15.56	24.00	0.25	PASS
48	5240	15.45	24.00	0.25	PASS

UNII-1_TX N (HT20) Mode _Total For IC					
Channel	Frequency (MHz)	EIRP Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	22.09	23.00	0.2	PASS
40	5200	21.57	23.00	0.2	PASS
48	5240	21.46	23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=3dBi+3dBi=6.01dBi

UNII-2A_TX N (HT20) Mode _Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	13.99	0.00	13.99	24.00	0.25	PASS
60	5300	13.80	0.00	13.80	24.00	0.25	PASS
64	5320	13.83	0.00	13.83	24.00	0.25	PASS

UNII-2A_TX N (HT20) Mode _Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	13.53	0.00	13.53	24.00	0.25	PASS
60	5300	13.80	0.00	13.80	24.00	0.25	PASS
64	5320	13.90	0.00	13.90	24.00	0.25	PASS

UNII-2A_TX N (HT20) Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	16.78	24.00	0.25	PASS
60	5300	16.81	24.00	0.25	PASS
64	5320	16.88	24.00	0.25	PASS

UNII-2C_TX N (HT20) Mode _Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	13.58	0.00	13.58	24.00	0.25	PASS
120	5600	13.83	0.00	13.83	24.00	0.25	PASS
140	5700	13.82	0.00	13.82	24.00	0.25	PASS

UNII-2C_TX N (HT20) Mode _Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	13.82	0.00	13.82	24.00	0.25	PASS
120	5600	13.45	0.00	13.45	24.00	0.25	PASS
140	5700	13.98	0.00	13.98	24.00	0.25	PASS

UNII-2C_TX N (HT20) Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	16.71	24.00	0.25	PASS
120	5600	16.65	24.00	0.25	PASS
140	5700	16.91	24.00	0.25	PASS

UNII-1_TX N (HT40) Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	13.40	0.00	13.40	24.00	0.25	PASS
46	5230	13.56	0.00	13.56	24.00	0.25	PASS

UNII-1_TX N (HT40) Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	13.76	0.00	13.76	24.00	0.25	PASS
46	5230	13.58	0.00	13.58	24.00	0.25	PASS

UNII-1_TX N (HT40) Mode_Total For FCC

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.59	24.00	0.25	PASS
46	5230	16.58	24.00	0.25	PASS

UNII-1_TX N (HT40) Mode_Total For IC

Channel	Frequency (MHz)	EIRP Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	22.60	23.00	0.2	PASS
46	5230	22.59	23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=3dBi+3dBi=6.01dBi

UNII-2A_TX N (HT40) Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	13.95	0.00	13.95	24.00	0.25	PASS
62	5310	13.82	0.00	13.82	24.00	0.25	PASS

UNII-2A_TX N (HT40) Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	13.63	0.00	13.63	24.00	0.25	PASS
62	5310	13.80	0.00	13.80	24.00	0.25	PASS

UNII-2A_TX N (HT40) Mode_Total For FCC

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	16.80	24.00	0.25	PASS
62	5310	16.82	24.00	0.25	PASS

UNII-2C_TX N (HT40) Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	13.60	0.00	13.60	24.00	0.25	PASS
118	5590	13.47	0.00	13.47	24.00	0.25	PASS
134	5670	13.73	0.00	13.73	24.00	0.25	PASS

UNII-2C_TX N (HT40) Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	13.94	0.00	13.94	24.00	0.25	PASS
118	5590	13.68	0.00	13.68	24.00	0.25	PASS
134	5670	13.64	0.00	13.64	24.00	0.25	PASS

UNII-2C_TX N (HT40) Mode_Total For FCC

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	16.78	24.00	0.25	PASS
118	5590	16.59	24.00	0.25	PASS
134	5670	16.70	24.00	0.25	PASS

UNII-3_TX A Mode_Ant1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	14.53	0	14.53	30.00	1.00	PASS
157	5785	14.52	0	14.52	30.00	1.00	PASS
165	5825	14.13	0	14.13	30.00	1.00	PASS

UNII-3_TX A Mode_Ant2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	14.86	0	14.86	30.00	1.00	PASS
157	5785	14.35	0	14.35	30.00	1.00	PASS
165	5825	14.78	0	14.78	30.00	1.00	PASS

UNII-3_TX N (HT20) Mode_Ant1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	13.93	0.00	13.93	30.00	1.00	PASS
157	5785	13.73	0.00	13.73	30.00	1.00	PASS
165	5825	13.43	0.00	13.43	30.00	1.00	PASS

UNII-3_TX N (HT20) Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	13.67	0.00	13.67	30.00	1.00	PASS
157	5785	13.61	0.00	13.61	30.00	1.00	PASS
165	5825	13.57	0.00	13.57	30.00	1.00	PASS

UNII-3_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	16.81	30.00	1.00	PASS
157	5785	16.68	30.00	1.00	PASS
165	5825	16.51	30.00	1.00	PASS

UNII-3_TX N (HT40) Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	13.50	0.00	13.50	30.00	1.00	PASS
159	5795	13.67	0.00	13.67	30.00	1.00	PASS

UNII-3_TX N (HT40) Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	13.65	0.00	13.65	30.00	1.00	PASS
159	5795	13.26	0.00	13.26	30.00	1.00	PASS

UNII-3_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	16.59	30.00	1.00	PASS
159	5795	16.48	30.00	1.00	PASS

UNII-1_TX AC (VHT20) Mode_Ant 1							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.65	0.00	12.65	24.00	0.25	PASS
40	5200	12.27	0.00	12.27	24.00	0.25	PASS
48	5240	12.65	0.00	12.65	24.00	0.25	PASS

UNII-1_TX AC (VHT20) Mode_Ant 2							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	12.83	0.00	12.83	24.00	0.25	PASS
40	5200	12.39	0.00	12.39	24.00	0.25	PASS
48	5240	12.71	0.00	12.71	24.00	0.25	PASS

UNII-1_TX AC (VHT20) Mode_Total For FCC					
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	15.75	24.00	0.25	PASS
40	5200	15.34	24.00	0.25	PASS
48	5240	15.69	24.00	0.25	PASS

UNII-1_TX AC (VHT20) Mode_Total For IC					
Channel	Frequency (MHz)	EIRP Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	21.76	23.00	0.2	PASS
40	5200	21.35	23.00	0.2	PASS
48	5240	21.70	23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=3dBi+3dBi=6.01dBi

UNII-2A_TX AC (VHT20) Mode_Ant 1							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	13.97	0.00	13.97	24.00	0.25	PASS
60	5300	13.83	0.00	13.83	24.00	0.25	PASS
64	5320	13.72	0.00	13.72	24.00	0.25	PASS

UNII-2A_TX AC (VHT20) Mode_Ant 2							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	13.55	0.00	13.55	24.00	0.25	PASS
60	5300	13.79	0.00	13.79	24.00	0.25	PASS
64	5320	13.99	0.00	13.99	24.00	0.25	PASS

UNII-2A_TX AC (VHT20) Mode_Total						
Channel	Frequency (MHz)	Output Power (dBm)		Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	16.78		24.00	0.25	PASS
60	5300	16.82		24.00	0.25	PASS
64	5320	16.87		24.00	0.25	PASS

UNII-2C_TX AC (VHT20) Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	13.97	0.00	13.97	24.00	0.25	PASS
120	5600	13.74	0.00	13.74	24.00	0.25	PASS
140	5700	13.80	0.00	13.80	24.00	0.25	PASS

UNII-2C_TX AC (VHT20) Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	13.92	0.00	13.92	24.00	0.25	PASS
120	5600	13.44	0.00	13.44	24.00	0.25	PASS
140	5700	14.00	0.00	14.00	24.00	0.25	PASS

UNII-2C_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	16.96	24.00	0.25	PASS
120	5600	16.60	24.00	0.25	PASS
140	5700	16.91	24.00	0.25	PASS

UNII-1_TX AC (VHT40) Mode_Ant 1							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	13.82	0.00	13.82	24.00	0.25	PASS
46	5230	13.93	0.00	13.93	24.00	0.25	PASS

UNII-1_TX AC (VHT40) Mode_Ant 2							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	13.67	0.00	13.67	24.00	0.25	PASS
46	5230	13.53	0.00	13.53	24.00	0.25	PASS

UNII-1_TX AC (VHT40) Mode_Total For FCC						
Channel	Frequency (MHz)	Output Power (dBm)		Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.76		24.00	0.25	PASS
46	5230	16.74		24.00	0.25	PASS

UNII-1_TX AC (VHT40) Mode_Total For IC						
Channel	Frequency (MHz)	EIRP Power (dBm))		Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	22.77		23.00	0.2	PASS
46	5230	22.75		23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=3dBi+3dBi=6.01dBi

UNII-2A_TX AC (VHT40) Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	13.76	0.00	13.76	24.00	0.25	PASS
62	5310	13.68	0.00	13.68	24.00	0.25	PASS

UNII-2A_TX AC (VHT40) Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	13.55	0.00	13.55	24.00	0.25	PASS
62	5310	13.72	0.00	13.72	24.00	0.25	PASS

UNII-2A_TX AC (VHT40) Mode_Total For FCC

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	16.67	24.00	0.25	PASS
62	5310	16.71	24.00	0.25	PASS

UNII-2C_TX AC (VHT40) Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	13.64	0.00	13.64	24.00	0.25	PASS
118	5590	13.45	0.00	13.45	24.00	0.25	PASS
134	5670	13.69	0.00	13.69	24.00	0.25	PASS

UNII-2C_TX AC (VHT40) Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	13.99	0.00	13.99	24.00	0.25	PASS
118	5590	13.59	0.00	13.59	24.00	0.25	PASS
134	5670	13.62	0.00	13.62	24.00	0.25	PASS

UNII-2C_TX AC (VHT40) Mode_Total For FCC

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	16.83	24.00	0.25	PASS
118	5590	16.53	24.00	0.25	PASS
134	5670	16.67	24.00	0.25	PASS

UNII-1_TX AC (VHT80) Mode_Ant 1							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	12.72	0.00	12.72	24.00	0.25	PASS

UNII-1_TX AC (VHT80) Mode_Ant 2							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	12.77	0.00	12.77	24.00	0.25	PASS

UNII-1_TX AC (VHT80) Mode_Total For FCC					
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	15.76	24.00	0.25	PASS

UNII-1_TX AC (VHT80) Mode_Total For IC					
Channel	Frequency (MHz)	EIRP Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	21.77	23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=3dBi+3dBi=6.01dBi

UNII-2A_TX AC (VHT80) Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
58	5290	12.78	0.00	12.78	24.00	0.25	PASS

UNII-2A_TX AC (VHT80) Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
58	5290	12.56	0.00	12.56	24.00	0.25	PASS

UNII-2A_TX AC (VHT80) Mode_Total For FCC

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
58	5290	15.68	24.00	0.25	PASS

UNII-2C_TX AC (VHT80) Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
106	5530	12.65	0.00	12.65	24.00	0.25	PASS
122	5610	12.31	0.00	12.31	24.00	0.25	PASS

UNII-2C_TX AC (VHT80) Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
106	5530	12.89	0.00	12.89	24.00	0.25	PASS
122	5610	12.46	0.00	12.46	24.00	0.25	PASS

UNII-2C_TX AC (VHT80) Mode_Total For FCC

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
106	5530	15.78	24.00	0.25	PASS
122	5610	15.40	24.00	0.25	PASS

UNII-3_TX AC (VHT20) Mode_Ant 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	13.85	0.00	13.85	30.00	1.00	PASS
157	5785	13.60	0.00	13.60	30.00	1.00	PASS
165	5825	13.54	0.00	13.54	30.00	1.00	PASS

UNII-3_TX AC (VHT20) Mode_Ant 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	13.66	0.00	13.66	30.00	1.00	PASS
157	5785	13.69	0.00	13.69	30.00	1.00	PASS
165	5825	13.55	0.00	13.55	30.00	1.00	PASS

UNII-3_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	16.77	30.00	1.00	PASS
157	5785	16.66	30.00	1.00	PASS
165	5825	16.56	30.00	1.00	PASS

UNII-3_TX AC (VHT40) Mode_Ant 1							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	13.49	0.00	13.49	30.00	1.00	PASS
159	5795	13.65	0.00	13.65	30.00	1.00	PASS

UNII-3_TX AC (VHT40) Mode_Ant 2							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	13.98	0.00	13.98	30.00	1.00	PASS
159	5795	13.64	0.00	13.64	30.00	1.00	PASS

UNII-3_TX AC (VHT40) Mode_Total						
Channel	Frequency (MHz)	Output Power (dBm)		Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	16.75		30.00	1.00	PASS
159	5795	16.66		30.00	1.00	PASS

UNII-3_TX AC (VHT80) Mode_Ant 1							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	12.67	0.00	12.67	30.00	1.00	PASS

UNII-3_TX AC (VHT80) Mode_Ant2							
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	12.94	0.00	12.94	30.00	1.00	PASS

UNII-3_TX AC (VHT80) Mode_Total						
Channel	Frequency (MHz)	Output Power (dBm)		Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	15.82		30.00	1.00	PASS

8 POWER SPECTRAL DENSITY TEST

8.1 LIMIT

FCC Part15, Subpart E (15.407)&RSS-247			
Section	Test Item	Limit	Frequency Range (MHz)
RSS-247 6.2.1.2	EIRP Power Spectral Density	10dBm/MHz	5150-5250
15.407(a)	Power Spectral Density	AP device:17dBm/MHz Client device:11dBm/MHz	5150-5250
15.407(a) RSS-247 6.2.4.2	Power Spectral Density	30dBm/500kHz	5725-5850

8.2 TEST PROCEDURE AND SETTING

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- Spectrum Setting:

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

Note:

- For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.
- The value measured with RBW=1MHz is to be added with $10\log(500\text{kHz}/1\text{MHz})$ which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.
- EIRP Power Spectral Density = Power Spectral Density+Antenna Gain
MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=3dBi+3dBi=6.01dBi

8.3 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum analyzer	KEYSIGHT	N9010A	MY55150427	2022/05/23
2	Attenuator	Mini-Circuits	BW-S10W2	101109	N/A
3	RF Cable	Mi-cable	C10-01-01-1	100309	N/A

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

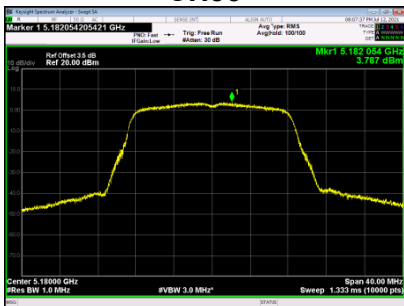
UNII-1_TX A Mode_Ant 1 For FCC

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	3.787	0.00	3.787	11.00	PASS
40	5200	3.711	0.00	3.711	11.00	PASS
48	5240	4.573	0.00	4.573	11.00	PASS

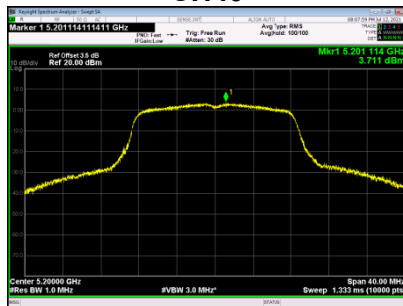
UNII-1_TX A Mode_Ant 1 For IC

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	EIRP Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	6.787	0.00	6.66	10.00	PASS
40	5200	6.711	0.00	4.96	10.00	PASS
48	5240	7.573	0.00	4.69	10.00	PASS

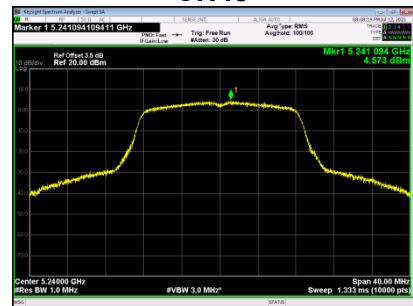
CH36



CH40



CH48



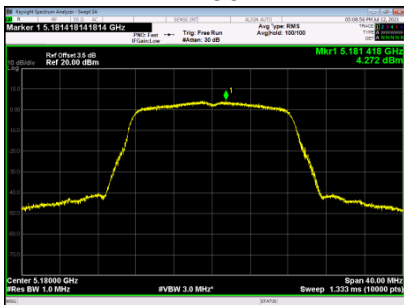
UNII-1_TX A Mode_Ant2 For FCC

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	4.272	0.00	4.272	11.00	PASS
40	5200	3.888	0.00	3.888	11.00	PASS
48	5240	4.365	0.00	4.365	11.00	PASS

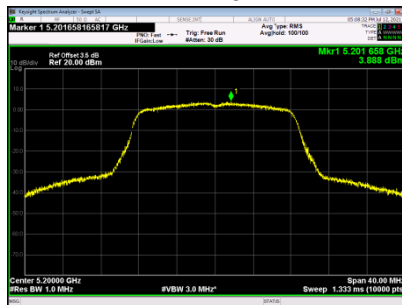
UNII-1_TX A Mode_Ant2 For IC

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	EIRP Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	7.272	0.00	5.14	10.00	PASS
40	5200	6.888	0.00	5.31	10.00	PASS
48	5240	7.365	0.00	4.34	10.00	PASS

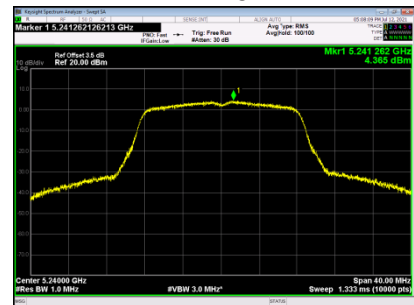
CH36



CH40



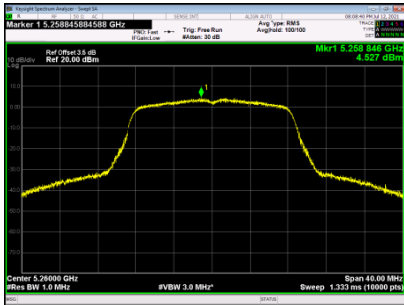
CH48



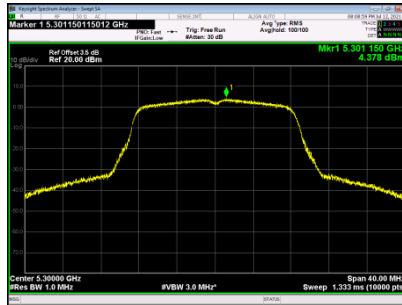
UNII-2A_TX A Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	4.527	0.00	4.527	11.00	PASS
60	5300	4.378	0.00	4.378	11.00	PASS
64	5320	3.989	0.00	3.989	11.00	PASS

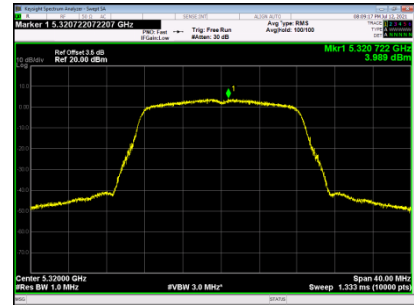
CH52



CH60



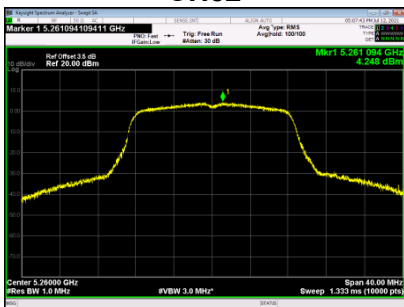
CH64



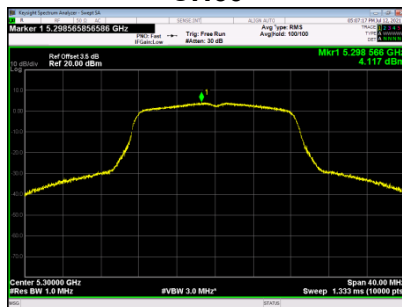
UNII-2A_TX A Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	4.248	0.00	4.248	11.00	PASS
60	5300	4.117	0.00	4.117	11.00	PASS
64	5320	4.656	0.00	4.656	11.00	PASS

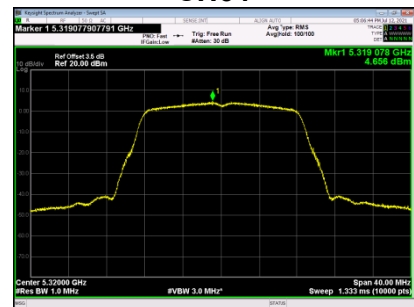
CH52



CH60



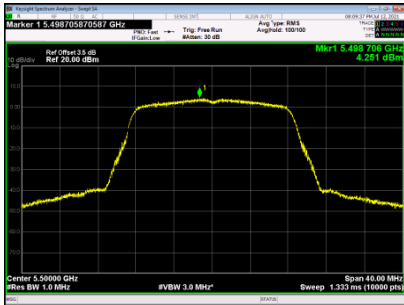
CH64



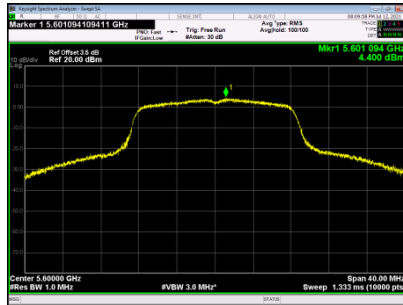
UNII-2C_TX A Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	4.251	0.00	4.251	11.00	PASS
120	5600	4.400	0.00	4.400	11.00	PASS
140	5700	5.126	0.00	5.126	11.00	PASS

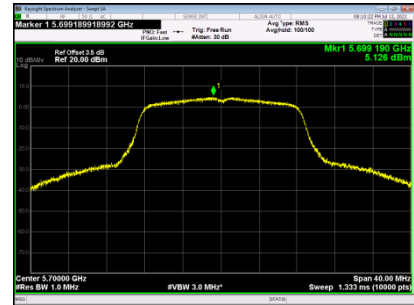
CH100



CH120



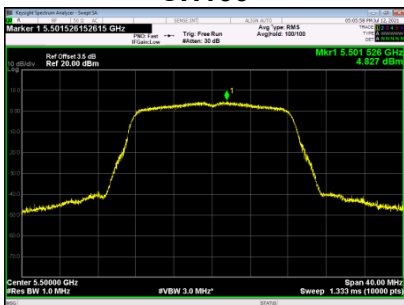
CH140



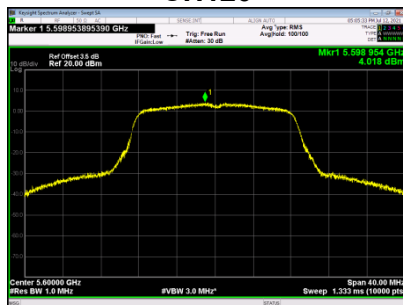
UNII-2C_TX A Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	4.827	0.00	4.827	11.00	PASS
120	5600	4.015	0.00	4.015	11.00	PASS
140	5700	5.217	0.00	5.217	11.00	PASS

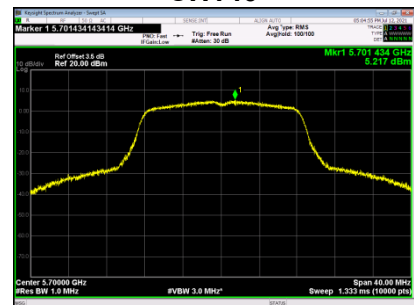
CH100



CH120



CH140



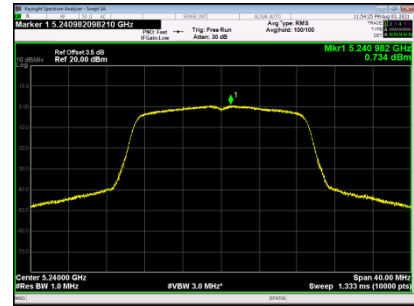
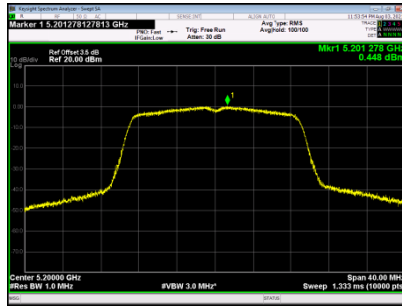
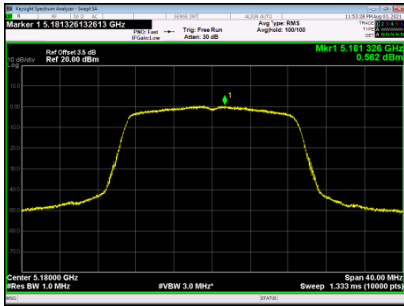
UNII-1_TX N (HT20) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	0.562	0.00	0.562	11.00	PASS
40	5200	0.448	0.00	0.448	11.00	PASS
48	5240	0.734	0.00	0.734	11.00	PASS

CH36

CH40

CH48



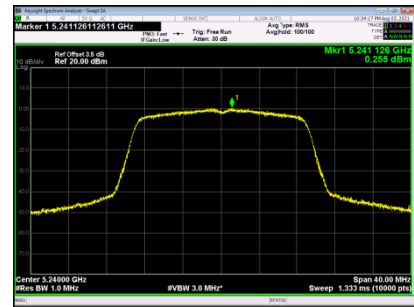
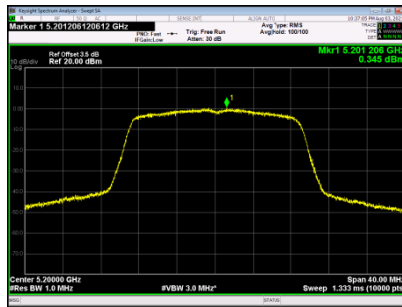
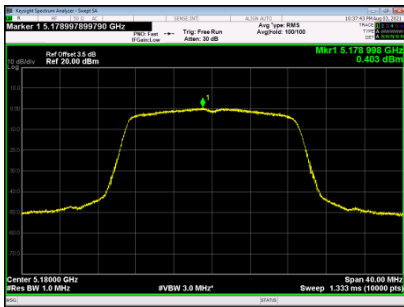
UNII-1_TX N (HT20) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	0.403	0.00	0.403	11.00	PASS
40	5200	0.345	0.00	0.345	11.00	PASS
48	5240	0.255	0.00	0.255	11.00	PASS

CH36

CH40

CH48



UNII-1_TX N (HT20) Mode_Total For FCC

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	3.494	11.00	PASS
40	5200	3.407	11.00	PASS
48	5240	3.511	11.00	PASS

UNII-1_TX N (HT20) Mode_Total For IC

Channel	Frequency (MHz)	EIRP Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	9.504	10.00	PASS
40	5200	9.417	10.00	PASS
48	5240	9.521	10.00	PASS

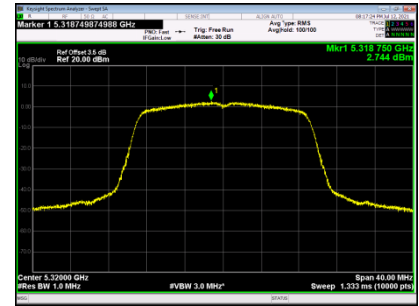
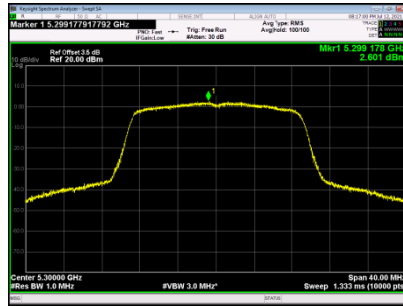
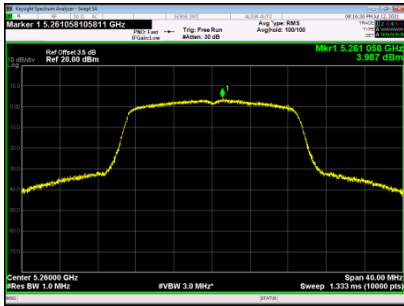
UNII-2A_TX N (HT20) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	3.987	0.00	3.987	11.00	PASS
60	5300	2.601	0.00	2.601	11.00	PASS
64	5320	2.744	0.00	2.744	11.00	PASS

CH52

CH60

CH64



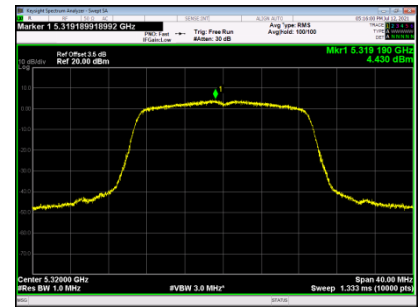
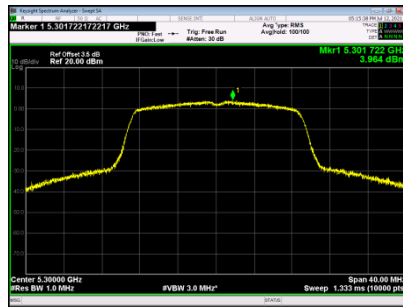
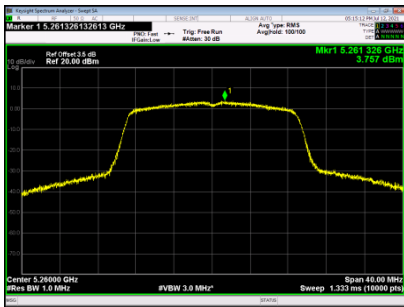
UNII-2A_TX N (HT20) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	3.757	0.00	3.757	11.00	PASS
60	5300	3.964	0.00	3.964	11.00	PASS
64	5320	4.430	0.00	4.430	11.00	PASS

CH52

CH60

CH64



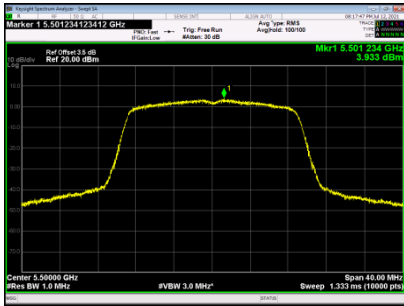
UNII-2A_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	6.884	11.00	PASS
60	5300	6.346	11.00	PASS
64	5320	6.679	11.00	PASS

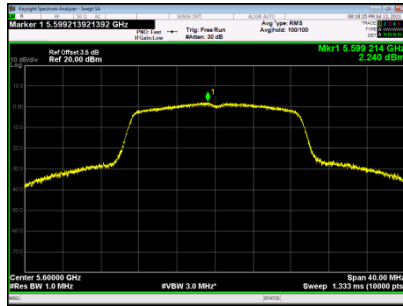
UNII-2C_TX N (HT20) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	3.933	0.00	3.933	11.00	PASS
120	5600	2.240	0.00	2.240	11.00	PASS
140	5700	3.514	0.00	3.514	11.00	PASS

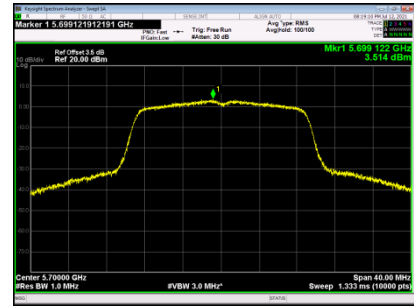
CH100



CH120



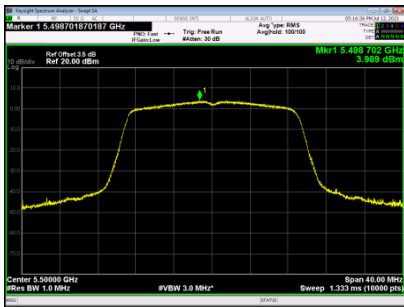
CH140



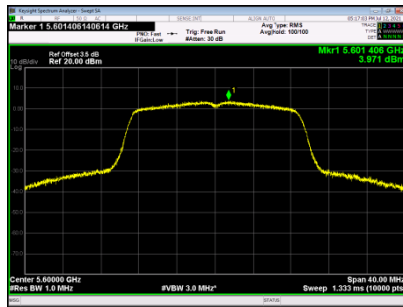
UNII-2C_TX N (HT20) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	3.989	0.00	3.989	11.00	PASS
120	5600	3.971	0.00	3.971	11.00	PASS
140	5700	4.438	0.00	4.438	11.00	PASS

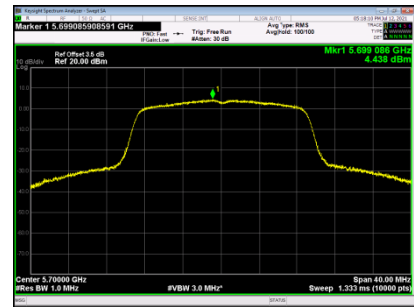
CH100



CH120



CH140



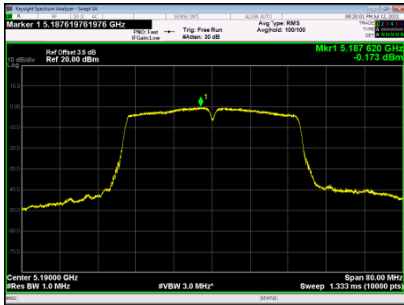
UNII-2C_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	6.971	11.00	PASS
120	5600	6.201	11.00	PASS
140	5700	7.011	11.00	PASS

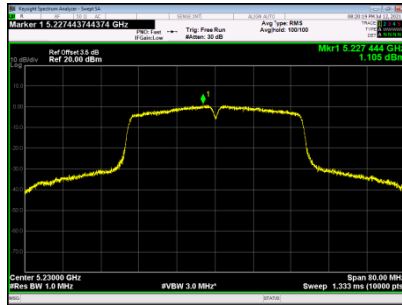
UNII-1_TX N (HT40) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-0.173	0.00	-0.173	11.00	PASS
46	5230	1.105	0.00	1.105	11.00	PASS

CH38



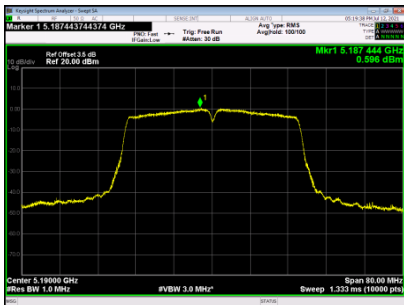
CH46



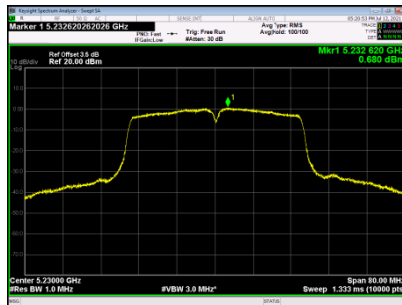
UNII-1_TX N (HT40) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	0.596	0.00	0.596	11.00	PASS
46	5230	0.680	0.00	0.680	11.00	PASS

CH38



CH46



UNII-1_TX N (HT40) Mode_Total For FCC

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	3.239	11.00	PASS
46	5230	3.908	11.00	PASS

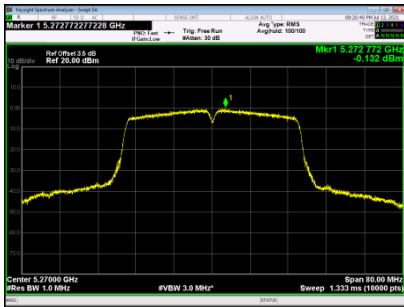
UNII-1_TX N (HT40) Mode_Total For IC

Channel	Frequency (MHz)	EIRP Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	9.249	10.00	PASS
46	5230	9.918	10.00	PASS

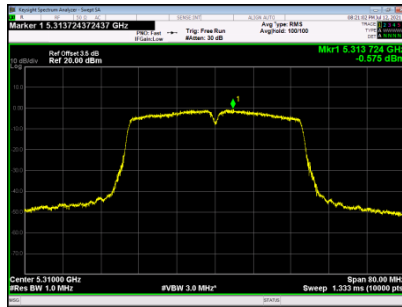
UNII-2A_TX N (HT40) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-0.132	0.00	-0.132	11.00	PASS
62	5310	-0.575	0.00	-0.575	11.00	PASS

CH54



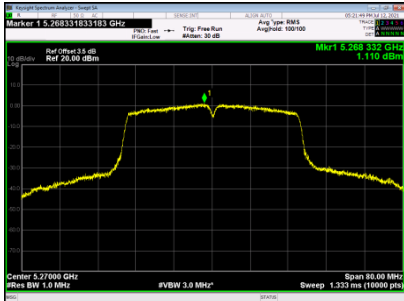
CH62



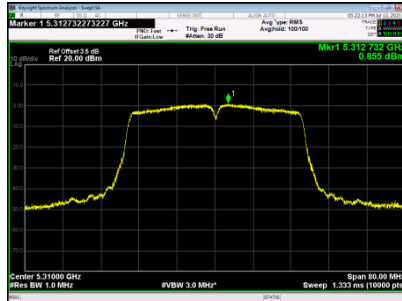
UNII-2A_TX N (HT40) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	1.110	0.00	1.110	11.00	PASS
62	5310	0.855	0.00	0.855	11.00	PASS

CH54



CH62



UNII-2A_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	3.544	11.00	PASS
62	5310	3.209	11.00	PASS