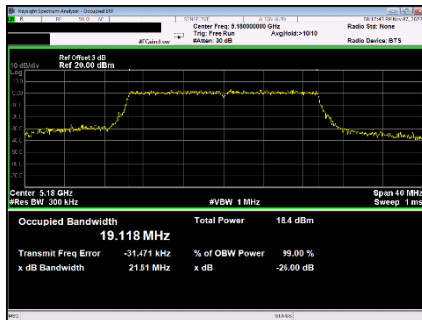


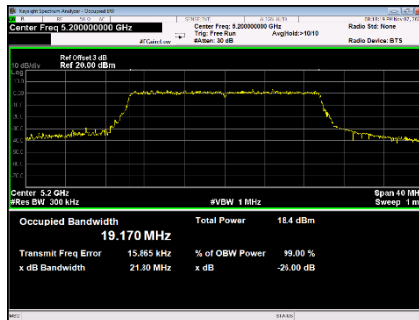
UNII-1_TX AX (HE20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	21.61	19.118
40	5200	21.80	19.170
48	5240	21.57	19.080

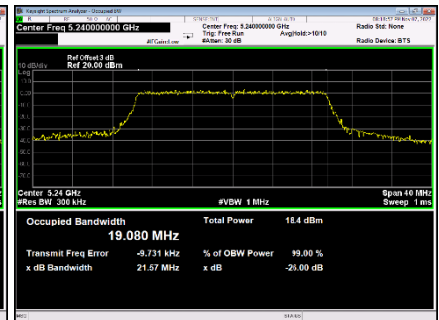
CH36



CH40



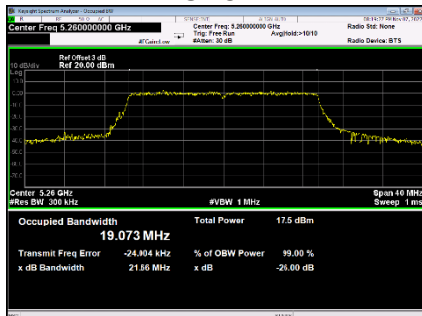
CH48



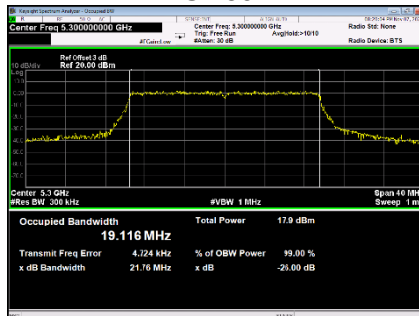
UNII-2A_TX AX (HE20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
52	5260	21.66	19.073
60	5300	21.76	19.116
64	5320	21.85	19.083

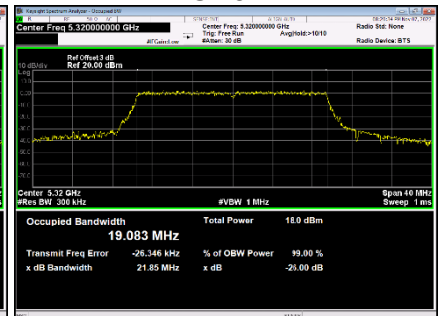
CH52



CH60



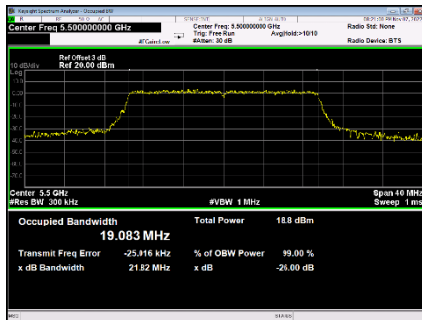
CH64



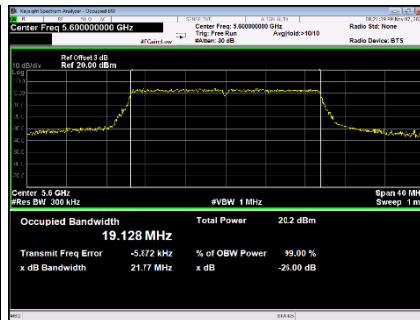
UNII-2C_TX AX (HE20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
100	5500	21.82	19.083
120	5600	21.77	19.128
140	5700	21.67	18.040

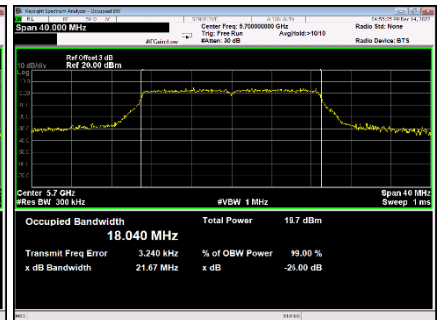
CH100



CH120



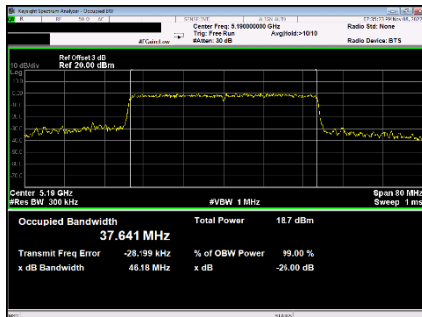
CH140



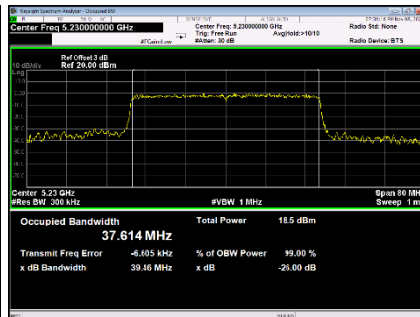
UNII-1_TX AX (HE40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
38	5190	46.18	37.641
46	5230	39.46	37.614

CH38



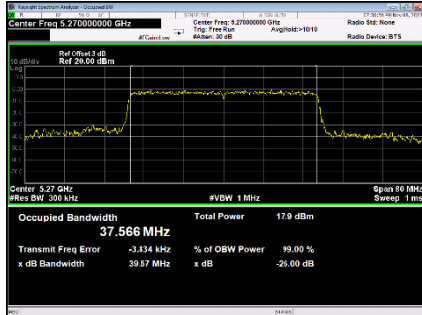
CH46



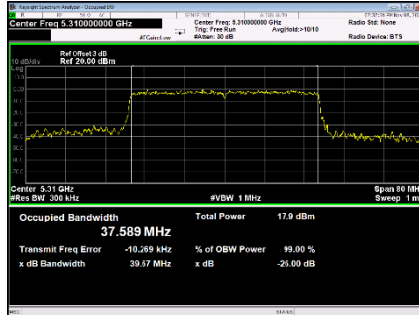
UNII-2A_TX AX (HE40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
54	5270	39.67	37.566
62	5310	39.67	37.589

CH54



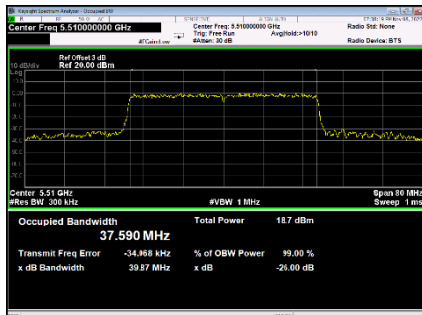
CH62



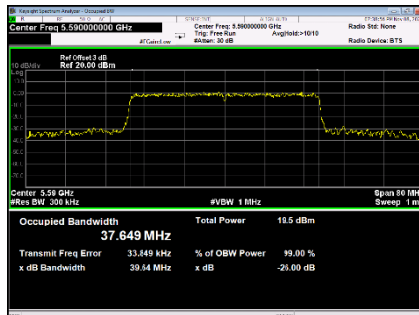
UNII-2C_TX AX (HE40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
102	5510	39.87	37.590
118	5590	39.64	37.649
134	5670	39.62	37.723

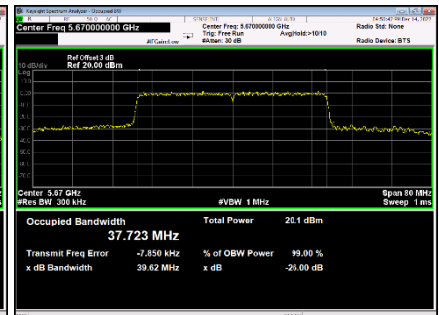
CH102



CH118



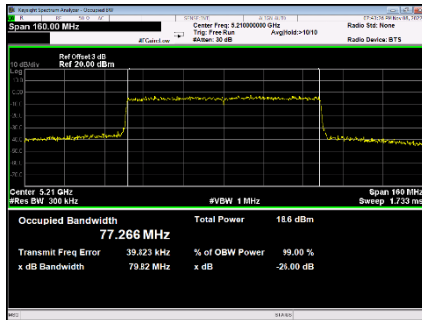
CH134



UNII-1_TX AX (HE80) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
42	5210	79.82	77.266

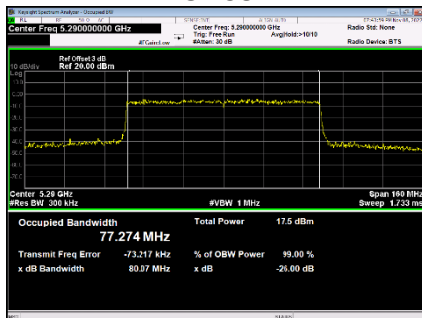
CH42



UNII-2A_TX AX (HE80) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
58	5290	80.07	77.274

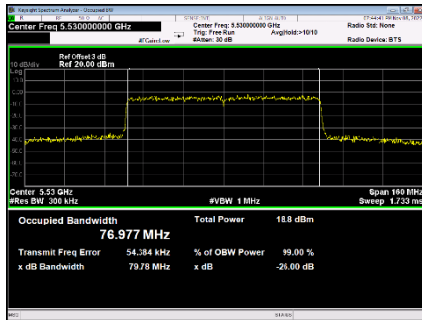
CH58



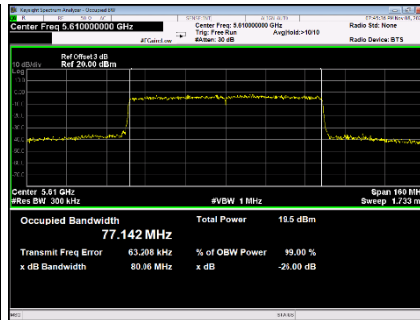
UNII-2C_TX AX (HE80) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
106	5530	79.78	76.977
122	5610	80.06	77.142

CH106



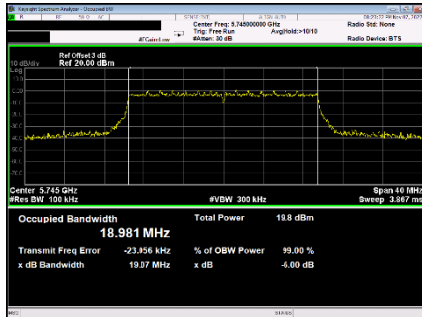
CH122



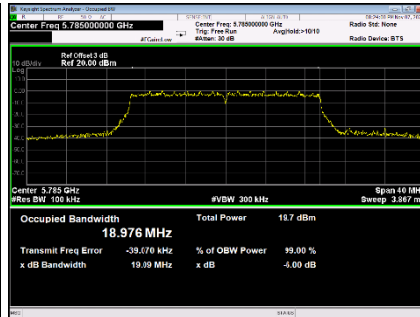
UNII-3_TX AX (HE20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99% Emission Bandwidth(MHz)	6dB Bandwidth Min. Limit(kHz)	Result
149	5745	19.07	19.134	500	PASS
157	5785	19.09	19.127	500	PASS
165	5825	19.09	19.152	500	PASS

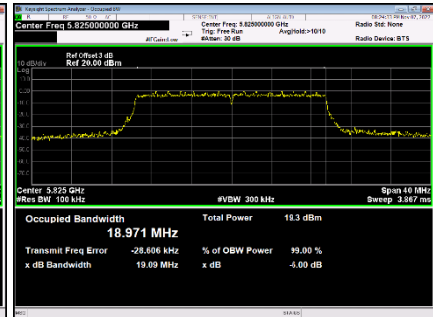
CH149



6 dB Bandwidth
CH157

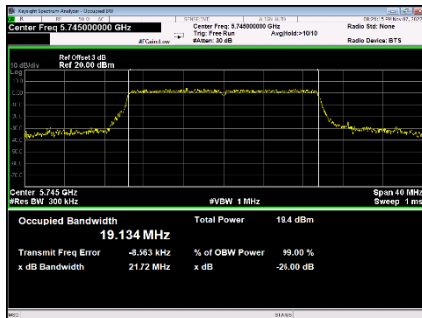


CH165

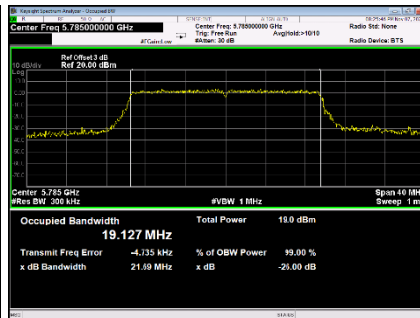


99% Emission Bandwidth
CH157

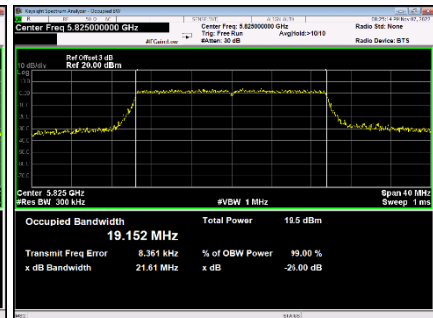
CH149



CH157



CH165

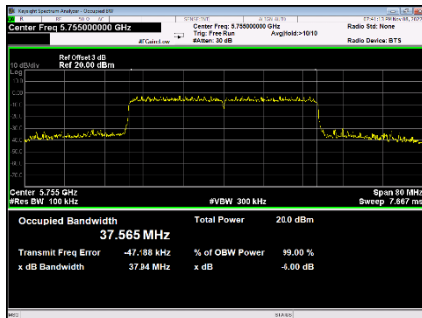


UNII-3_TX AX (HE40) Mode

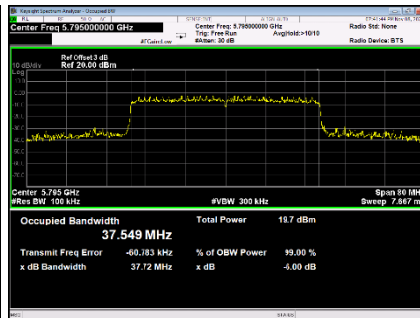
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99% Emission Bandwidth(MHz)	6dB Bandwidth Min. Limit(kHz)	Result
151	5755	37.94	37.645	500	PASS
159	5795	37.72	37.606	500	PASS

6 dB Bandwidth

CH151

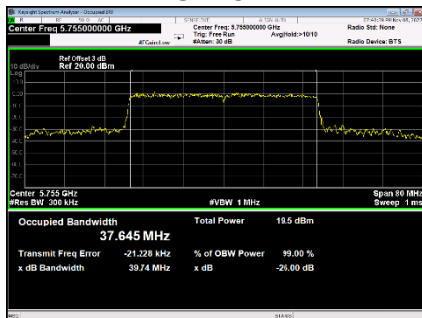


CH159

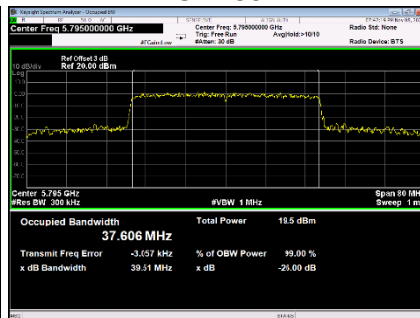


99% Emission Bandwidth

CH151



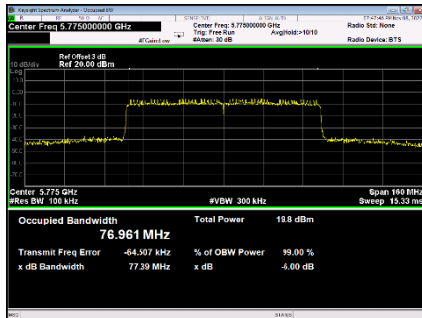
CH159



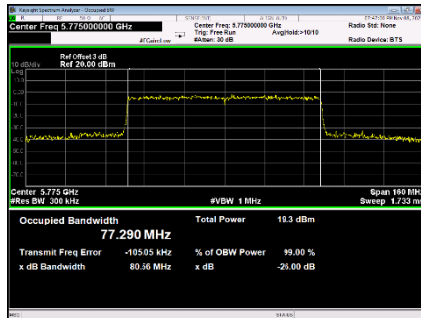
UNII-3_TX AX (HE80) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99% Emission Bandwidth(MHz)	6dB Bandwidth Min. Limit(kHz)	Result
155	5775	77.39	77.290	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:

- 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 is the 99% emission bandwidth in megahertz.

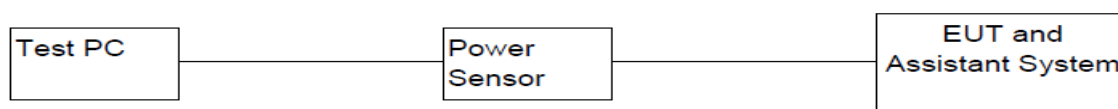
7.2 TEST PROCEDURE AND SETTING

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- Test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- EIRP Power=Output Power+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	05/26/2023
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	12.18	0.00	12.18	24.00	0.25	PASS
40	5200	10.75	0.00	10.75	24.00	0.25	PASS
48	5240	12.17	0.00	12.17	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	11.75	0.00	11.75	24.00	0.25	PASS
40	5200	11.56	0.00	11.56	24.00	0.25	PASS
48	5240	11.77	0.00	11.77	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	14.98	0.00	14.98	23.00	0.2	PASS
40	5200	13.55	0.00	13.55	23.00	0.2	PASS
48	5240	14.97	0.00	14.97	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	14.55	0.00	14.55	23.00	0.2	PASS
40	5200	14.36	0.00	14.36	23.00	0.2	PASS
48	5240	14.57	0.00	14.57	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	11.60	0.00	11.60	24.00	0.25	PASS
60	5300	11.69	0.00	11.69	24.00	0.25	PASS
64	5320	11.84	0.00	11.84	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	11.24	0.00	11.24	24.00	0.25	PASS
60	5300	9.60	0.00	9.60	24.00	0.25	PASS
64	5320	11.41	0.00	11.41	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	12.49	0.00	12.49	24.00	0.25	PASS
120	5600	13.21	0.00	13.21	24.00	0.25	PASS
140	5700	12.18	0.00	12.18	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	12.16	0.00	12.16	24.00	0.25	PASS
120	5600	11.46	0.00	11.46	24.00	0.25	PASS
140	5700	12.99	0.00	12.99	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	12.45	0.00	12.45	24.00	0.25	PASS
40	5200	12.43	0.00	12.43	24.00	0.25	PASS
48	5240	12.89	0.00	12.89	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	12.31	0.00	12.31	24.00	0.25	PASS
40	5200	11.96	0.00	11.96	24.00	0.25	PASS
48	5240	12.12	0.00	12.12	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	15.39	24.00	0.25	PASS
40	5200	15.21	24.00	0.25	PASS
48	5240	15.53	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	21.20	23.00	0.2	PASS
40	5200	21.02	23.00	0.2	PASS
48	5240	21.34	23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=2.8dBi+2.8dBi=5.81dBi

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	12.12	0.00	12.12	24.00	0.25	PASS
60	5300	12.34	0.00	12.34	24.00	0.25	PASS
64	5320	12.23	0.00	12.23	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	11.56	0.00	11.56	24.00	0.25	PASS
60	5300	11.70	0.00	11.70	24.00	0.25	PASS
64	5320	11.68	0.00	11.68	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	14.86	24.00	0.25	PASS
60	5300	15.04	24.00	0.25	PASS
64	5320	14.97	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	13.12	0.00	13.12	24.00	0.25	PASS
120	5600	13.76	0.00	13.76	24.00	0.25	PASS
140	5700	13.58	0.00	13.58	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	12.56	0.00	12.56	24.00	0.25	PASS
120	5600	13.45	0.00	13.45	24.00	0.25	PASS
140	5700	13.41	0.00	13.41	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	15.86	24.00	0.25	PASS
120	5600	16.62	24.00	0.25	PASS
140	5700	16.51	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	12.81	0.00	12.81	24.00	0.25	PASS
46	5230	12.79	0.00	12.79	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	12.49	0.00	12.49	24.00	0.25	PASS
46	5230	12.44	0.00	12.44	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	15.66	24.00	0.25	PASS
46	5230	15.63	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	21.47	23.00	0.2	PASS
46	5230	21.44	23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=2.8dBi+2.8dBi=5.81dBi

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	12.39	0.00	12.39	24.00	0.25	PASS
62	5310	12.29	0.00	12.29	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	12.04	0.00	12.04	24.00	0.25	PASS
62	5310	11.00	0.00	11.00	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	15.23	24.00	0.25	PASS
62	5310	14.70	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	13.25	0.00	13.25	24.00	0.25	PASS
118	5590	13.31	0.00	13.31	24.00	0.25	PASS
134	5670	13.72	0.00	13.72	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	12.20	0.00	12.20	24.00	0.25	PASS
118	5590	12.73	0.00	12.73	24.00	0.25	PASS
134	5670	13.52	0.00	13.52	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	15.77	24.00	0.25	PASS
118	5590	16.04	24.00	0.25	PASS
134	5670	16.63	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	12.80	0	12.80	30.00	1.00	PASS
157	5785	12.67	0	12.67	30.00	1.00	PASS
165	5825	10.71	0	10.71	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	12.36	0	12.36	30.00	1.00	PASS
157	5785	12.57	0	12.57	30.00	1.00	PASS
165	5825	12.32	0	12.32	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	13.29	0.00	13.29	30.00	1.00	PASS
157	5785	13.08	0.00	13.08	30.00	1.00	PASS
165	5825	12.96	0.00	12.96	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	12.79	0.00	12.79	30.00	1.00	PASS
157	5785	12.77	0.00	12.77	30.00	1.00	PASS
165	5825	12.78	0.00	12.78	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	16.06	30.00	1.00	PASS
157	5785	15.94	30.00	1.00	PASS
165	5825	15.88	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	13.30	0.00	13.30	30.00	1.00	PASS
159	5795	12.84	0.00	12.84	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	12.29	0.00	12.29	30.00	1.00	PASS
159	5795	12.37	0.00	12.37	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	15.83	30.00	1.00	PASS
159	5795	15.62	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	10.48	0.00	10.48	24.00	0.25	PASS
40	5200	10.01	0.00	10.01	24.00	0.25	PASS
48	5240	10.23	0.00	10.23	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	11.31	0.00	11.31	24.00	0.25	PASS
40	5200	11.00	0.00	11.00	24.00	0.25	PASS
48	5240	11.12	0.00	11.12	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	13.93	24.00	0.25	PASS
40	5200	13.54	24.00	0.25	PASS
48	5240	13.71	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	19.74	23.00	0.2	PASS
40	5200	19.35	23.00	0.2	PASS
48	5240	19.52	23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=2.8dBi+2.8dBi=5.81dBi

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	9.55	0.00	9.55	24.00	0.25	PASS
60	5300	9.72	0.00	9.72	24.00	0.25	PASS
64	5320	9.78	0.00	9.78	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	10.28	0.00	10.28	24.00	0.25	PASS
60	5300	10.72	0.00	10.72	24.00	0.25	PASS
64	5320	10.89	0.00	10.89	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	12.94	24.00	0.25	PASS
60	5300	13.26	24.00	0.25	PASS
64	5320	13.38	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	10.76	0.00	10.76	24.00	0.25	PASS
120	5600	11.47	0.00	11.47	24.00	0.25	PASS
140	5700	11.26	0.00	11.26	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	11.59	0.00	11.59	24.00	0.25	PASS
120	5600	12.39	0.00	12.39	24.00	0.25	PASS
140	5700	11.15	0.00	11.15	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	14.21	24.00	0.25	PASS
120	5600	14.96	24.00	0.25	PASS
140	5700	14.22	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	12.73	0.00	12.73	24.00	0.25	PASS
46	5230	12.65	0.00	12.65	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	10.75	0.00	10.75	24.00	0.25	PASS
46	5230	10.84	0.00	10.84	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	14.86	24.00	0.25	PASS
46	5230	14.85	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	20.67	23.00	0.2	PASS
46	5230	20.66	23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=2.8dBi+2.8dBi=5.81dBi

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	12.10	0.00	12.10	24.00	0.25	PASS
62	5310	12.23	0.00	12.23	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	10.17	0.00	10.17	24.00	0.25	PASS
62	5310	10.06	0.00	10.06	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	14.25	24.00	0.25	PASS
62	5310	14.29	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	12.98	0.00	12.98	24.00	0.25	PASS
118	5590	13.71	0.00	13.71	24.00	0.25	PASS
134	5670	13.54	0.00	13.54	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	11.14	0.00	11.14	24.00	0.25	PASS
118	5590	11.92	0.00	11.92	24.00	0.25	PASS
134	5670	11.76	0.00	11.76	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	15.17	24.00	0.25	PASS
118	5590	15.92	24.00	0.25	PASS
134	5670	15.75	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	9.15	0.00	9.15	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	9.18	0.00	9.18	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	12.18	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	17.99	23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=2.8dBi+2.8dBi=5.81dBi

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	8.55	0.00	8.55	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	8.50	0.00	8.50	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	11.54	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	9.53	0.00	9.53	24.00	0.25	PASS
122	5610	9.95	0.00	9.95	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	9.55	0.00	9.55	24.00	0.25	PASS
122	5610	9.05	0.00	9.05	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	12.55	24.00	0.25	PASS
122	5610	12.53	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	11.13	0.00	11.13	30.00	1.00	PASS
157	5785	10.99	0.00	10.99	30.00	1.00	PASS
165	5825	10.83	0.00	10.83	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	11.90	0.00	11.90	30.00	1.00	PASS
157	5785	11.84	0.00	11.84	30.00	1.00	PASS
165	5825	11.62	0.00	11.62	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	14.54	30.00	1.00	PASS
157	5785	14.45	30.00	1.00	PASS
165	5825	14.25	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	13.09	0.00	13.09	30.00	1.00	PASS
159	5795	13.24	0.00	13.24	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	11.59	0.00	11.59	30.00	1.00	PASS
159	5795	11.57	0.00	11.57	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	15.41	30.00	1.00	PASS
159	5795	15.50	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	10.25	0.00	10.25	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	10.21	0.00	10.21	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	13.24	30.00	1.00	PASS

UNII-1_TX AX (HE20) 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	10.11	0.00	10.11	24.00	0.25	PASS
40	5200	9.75	0.00	9.75	24.00	0.25	PASS
48	5240	10.07	0.00	10.07	24.00	0.25	PASS

UNII-1_TX AX (HE20) 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	10.53	0.00	10.53	24.00	0.25	PASS
40	5200	10.58	0.00	10.58	24.00	0.25	PASS
48	5240	10.78	0.00	10.78	24.00	0.25	PASS

UNII-1_TX AX (HE20) Mode_Total For FCC					
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	13.34	24.00	0.25	PASS
40	5200	13.20	24.00	0.25	PASS
48	5240	13.45	24.00	0.25	PASS

UNII-1_TX AX (HE20) Mode_Total For IC					
Channel	Frequency (MHz)	EIRP Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.15	23.00	0.2	PASS
40	5200	19.01	23.00	0.2	PASS
48	5240	19.26	23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=2.8dBi+2.8dBi=5.81dBi

UNII-2A_TX AX (HE20) 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	9.43	0.00	9.43	24.00	0.25	PASS
60	5300	9.53	0.00	9.53	24.00	0.25	PASS
64	5320	9.51	0.00	9.51	24.00	0.25	PASS

UNII-2A_TX AX (HE20) 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	10.21	0.00	10.21	24.00	0.25	PASS
60	5300	10.45	0.00	10.45	24.00	0.25	PASS
64	5320	10.30	0.00	10.30	24.00	0.25	PASS

UNII-2A_TX AX (HE20) Mode _Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	12.85	24.00	0.25	PASS
60	5300	13.02	24.00	0.25	PASS
64	5320	12.93	24.00	0.25	PASS

UNII-2C_TX AX (HE20) 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	10.53	0.00	10.53	24.00	0.25	PASS
120	5600	11.36	0.00	11.36	24.00	0.25	PASS
140	5700	11.77	0.00	11.77	24.00	0.25	PASS

UNII-2C_TX AX (HE20) 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	11.11	0.00	11.11	24.00	0.25	PASS
120	5600	11.94	0.00	11.94	24.00	0.25	PASS
140	5700	11.98	0.00	11.98	24.00	0.25	PASS

UNII-2C_TX AX (HE20) Mode _Total					
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	13.84	24.00	0.25	PASS
120	5600	14.67	24.00	0.25	PASS
140	5700	14.89	24.00	0.25	PASS

UNII-1_TX AX (HE40) 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	10.19	0.00	10.19	24.00	0.25	PASS
46	5230	9.91	0.00	9.91	24.00	0.25	PASS

UNII-1_TX AX (HE40) 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	10.28	0.00	10.28	24.00	0.25	PASS
46	5230	10.10	0.00	10.10	24.00	0.25	PASS

UNII-1_TX AX (HE40) Mode_Total For FCC

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	13.25	24.00	0.25	PASS
46	5230	13.02	24.00	0.25	PASS

UNII-1_TX AX (HE40) Mode_Total For IC

Channel	Frequency (MHz)	EIRP Power (dBm))	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	19.06	23.00	0.2	PASS
46	5230	18.83	23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=2.8dBi+2.8dBi=5.81dBi

UNII-2A_TX AX (HE40) 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	9.43	0.00	9.43	24.00	0.25	PASS
62	5310	9.30	0.00	9.30	24.00	0.25	PASS

UNII-2A_TX AX (HE40) 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	9.74	0.00	9.74	24.00	0.25	PASS
62	5310	9.88	0.00	9.88	24.00	0.25	PASS

UNII-2A_TX AX (HE40) Mode_Total For FCC					
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	12.60	24.00	0.25	PASS
62	5310	12.61	24.00	0.25	PASS

UNII-2C_TX AX (HE40) 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	10.32	0.00	10.32	24.00	0.25	PASS
118	5590	11.25	0.00	11.25	24.00	0.25	PASS
134	5670	10.96	0.00	10.96	24.00	0.25	PASS

UNII-2C_TX AX (HE40) 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	10.94	0.00	10.94	24.00	0.25	PASS
118	5590	11.56	0.00	11.56	24.00	0.25	PASS
134	5670	11.01	0.00	11.01	24.00	0.25	PASS

UNII-2C_TX AX (HE40) Mode_Total For FCC

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	13.65	24.00	0.25	PASS
118	5590	14.42	24.00	0.25	PASS
134	5670	14.00	24.00	0.25	PASS

UNII-1_TX AX (HE80) 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	9.14	0.00	9.14	24.00	0.25	PASS

UNII-1_TX AX (HE80) 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	9.17	0.00	9.17	24.00	0.25	PASS

UNII-1_TX AX (HE80) Mode_Total For FCC					
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	12.17	24.00	0.25	PASS

UNII-1_TX AX (HE80) Mode_Total For IC					
Channel	Frequency (MHz)	EIRP Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	17.98	23.00	0.2	PASS

EIRP Power=Output Power+Directional Gain

MIMO Directional Gain=Ant 1 Gain+Ant 2 Gain=2.8dBi+2.8dBi=5.81dBi

UNII-2A_TX AX (HE80) 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	8.73	0.00	8.73	24.00	0.25	PASS

UNII-2A_TX AX (HE80) 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	9.35	0.00	9.35	24.00	0.25	PASS

UNII-2A_TX AX (HE80) Mode_Total For FCC					
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
58	5290	12.06	24.00	0.25	PASS

UNII-2C_TX AX (HE80) 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	10.07	0.00	10.07	24.00	0.25	PASS
122	5610	10.43	0.00	10.43	24.00	0.25	PASS

UNII-2C_TX AX (HE80) 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	10.30	0.00	10.30	24.00	0.25	PASS
122	5610	10.74	0.00	10.74	24.00	0.25	PASS

UNII-2C_TX AX (HE80) Mode_Total For FCC					
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
106	5530	13.20	24.00	0.25	PASS
122	5610	13.60	24.00	0.25	PASS

UNII-3_TX AX (HE20) 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	11.00	0.00	11.00	30.00	1.00	PASS
157	5785	11.09	0.00	11.09	30.00	1.00	PASS
165	5825	10.93	0.00	10.93	30.00	1.00	PASS

UNII-3_TX AX (HE20) 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	11.60	0.00	11.60	30.00	1.00	PASS
157	5785	11.31	0.00	11.31	30.00	1.00	PASS
165	5825	11.32	0.00	11.32	30.00	1.00	PASS

UNII-3_TX AX (HE20) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	14.32	30.00	1.00	PASS
157	5785	14.21	30.00	1.00	PASS
165	5825	14.14	30.00	1.00	PASS

UNII-3_TX AX (HE40) 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	11.23	0.00	11.23	30.00	1.00	PASS
159	5795	11.11	0.00	11.11	30.00	1.00	PASS

UNII-3_TX AX (HE40) 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	11.29	0.00	11.29	30.00	1.00	PASS
159	5795	11.22	0.00	11.22	30.00	1.00	PASS

UNII-3_TX AX (HE40) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	14.27	30.00	1.00	PASS
159	5795	14.18	30.00	1.00	PASS

UNII-3_TX AX (HE80) 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	10.89	0.00	10.89	30.00	1.00	PASS

UNII-3_TX AX (HE80) Mode_Ant2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	10.97	0.00	10.97	30.00	1.00	PASS

UNII-3_TX AX (HE80) Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	13.94	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

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. 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	2023/05/26
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



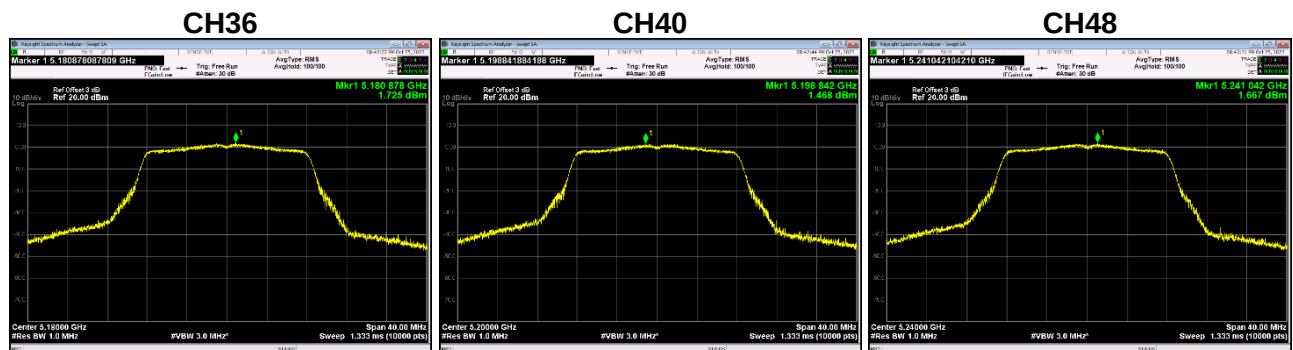
8.5 EUT OPERATION CONDITIONS

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	1.725	0.00	1.725	11.00	PASS
40	5200	1.468	0.00	1.468	11.00	PASS
48	5240	1.667	0.00	1.667	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	4.525	0.00	4.525	10.00	PASS
40	5200	4.268	0.00	4.268	10.00	PASS
48	5240	4.467	0.00	4.467	10.00	PASS



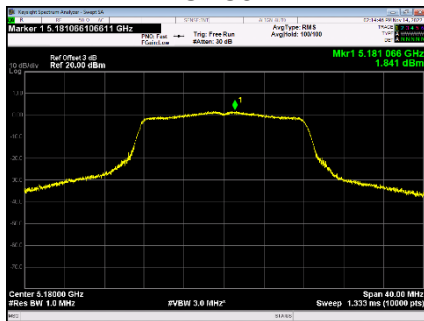
UNII-1_TX A Mode_Ant2 For FCC

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	1.841	0.00	1.841	11.00	PASS
40	5200	1.135	0.00	1.135	11.00	PASS
48	5240	1.170	0.00	1.170	11.00	PASS

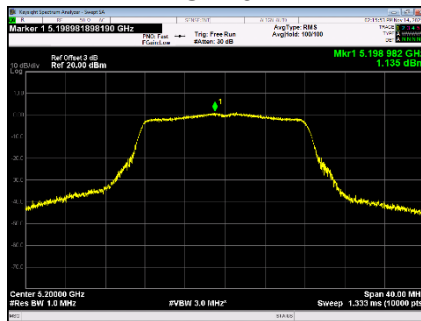
UNII-1_TX A Mode_Ant2 For IC

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	4.641	0.00	4.641	10.00	PASS
40	5200	3.935	0.00	3.935	10.00	PASS
48	5240	3.970	0.00	3.970	10.00	PASS

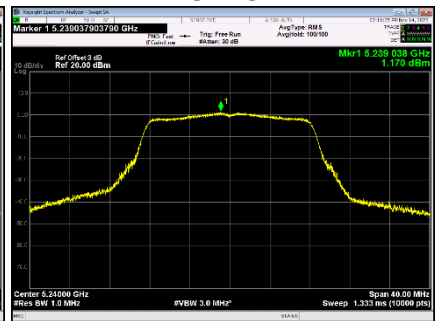
CH36



CH40



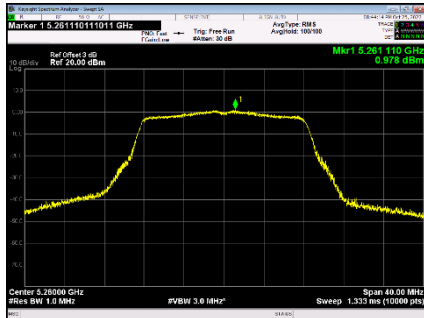
CH48



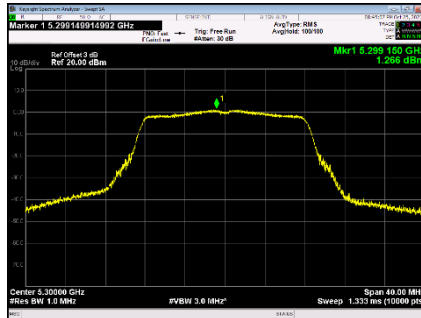
UNII-2A_TX A Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	0.978	0.00	0.978	11.00	PASS
60	5300	1.266	0.00	1.266	11.00	PASS
64	5320	1.326	0.00	1.326	11.00	PASS

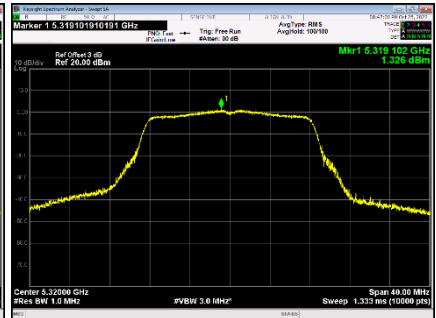
CH52



CH60



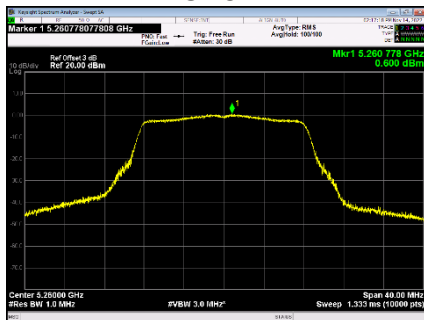
CH64



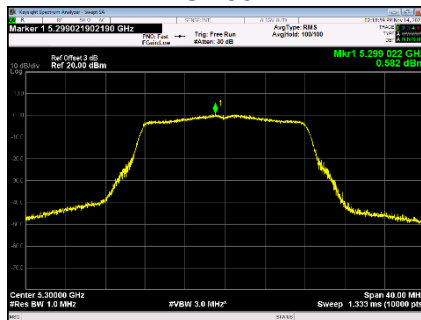
UNII-2A_TX A Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	0.600	0.00	0.600	11.00	PASS
60	5300	0.582	0.00	0.582	11.00	PASS
64	5320	0.764	0.00	0.764	11.00	PASS

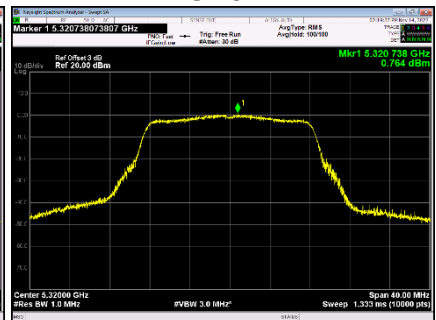
CH52



CH60



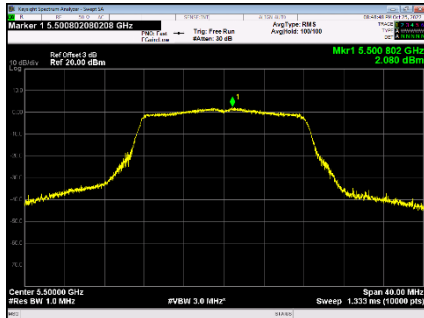
CH64



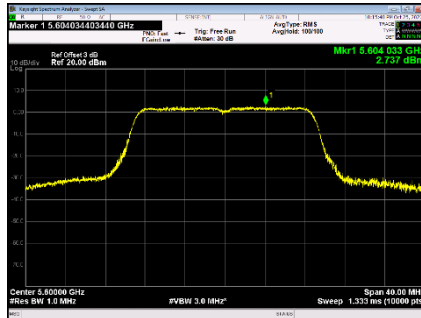
UNII-2C_TX A Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	2.080	0.00	2.080	11.00	PASS
120	5600	2.737	0.00	2.737	11.00	PASS
140	5700	2.548	0.00	2.548	11.00	PASS

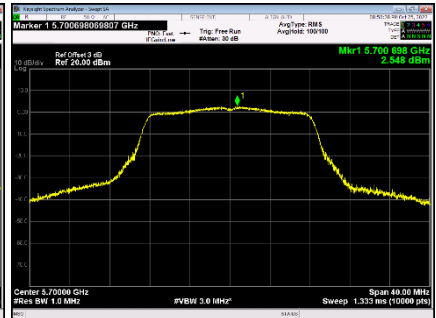
CH100



CH120



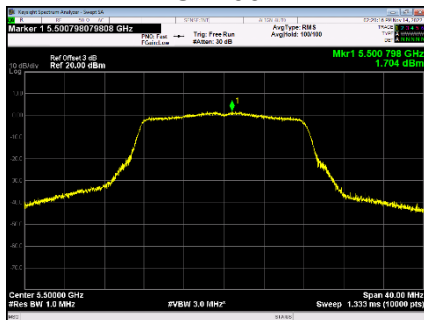
CH140



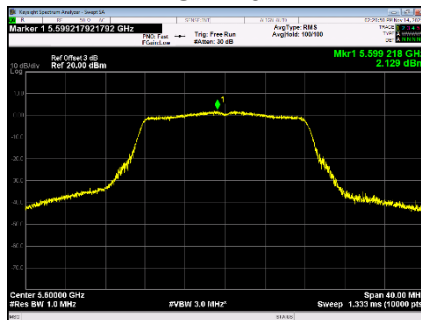
UNII-2C_TX A Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	1.704	0.00	1.704	11.00	PASS
120	5600	2.129	0.00	2.129	11.00	PASS
140	5700	3.064	0.00	3.064	11.00	PASS

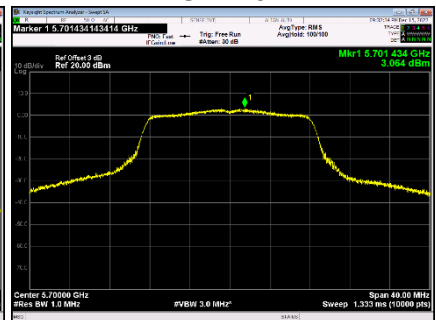
CH100



CH120



CH140



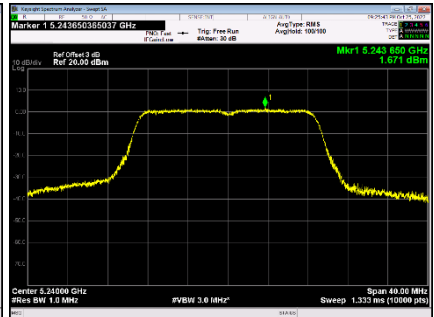
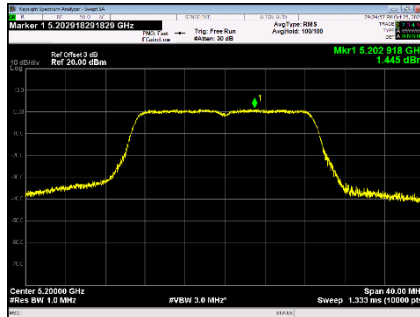
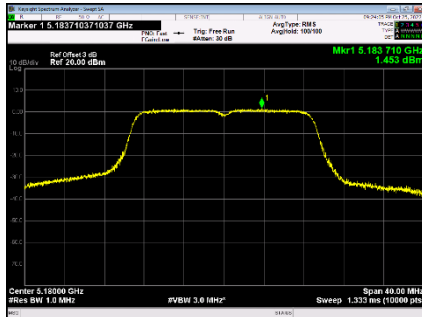
UNII-1_TX N (HT20) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	1.453	0.00	1.453	11.00	PASS
40	5200	1.445	0.00	1.445	11.00	PASS
48	5240	1.671	0.00	1.671	11.00	PASS

CH36

CH40

CH48



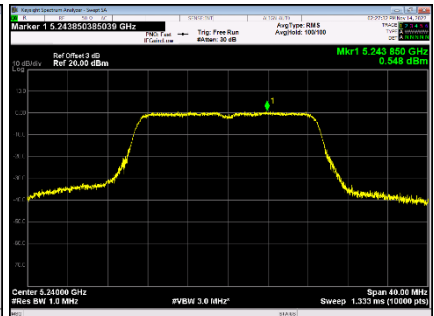
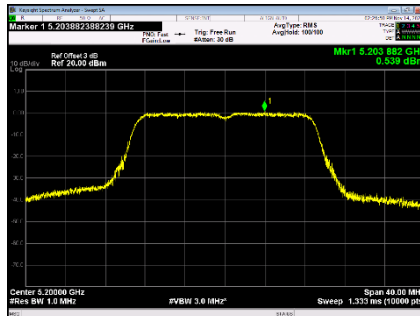
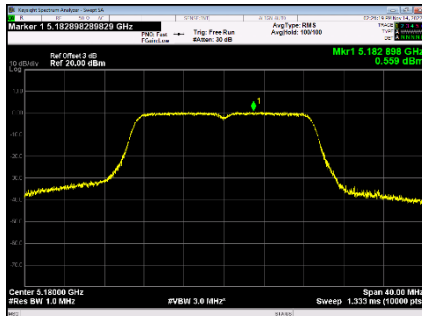
UNII-1_TX N (HT20) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	0.559	0.00	0.559	11.00	PASS
40	5200	0.539	0.00	0.539	11.00	PASS
48	5240	0.548	0.00	0.548	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	4.04	11.00	PASS
40	5200	4.03	11.00	PASS
48	5240	4.16	11.00	PASS

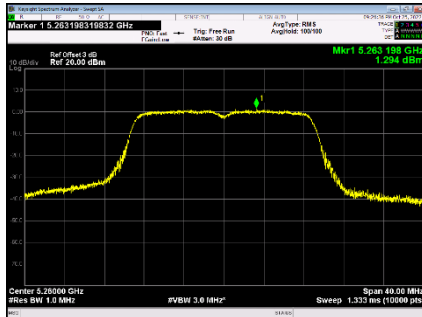
UNII-1_TX N (HT20) Mode_Total For IC

Channel	Frequency (MHz)	EIRP Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	9.85	10.00	PASS
40	5200	9.84	10.00	PASS
48	5240	9.97	10.00	PASS

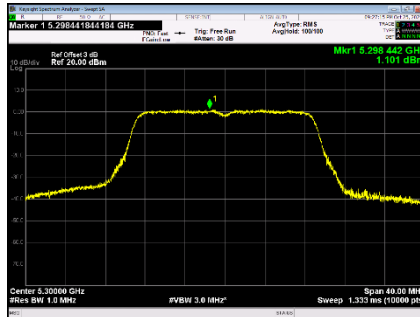
UNII-2A_TX N (HT20) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	1.294	0.00	1.294	11.00	PASS
60	5300	1.101	0.00	1.101	11.00	PASS
64	5320	1.263	0.00	1.263	11.00	PASS

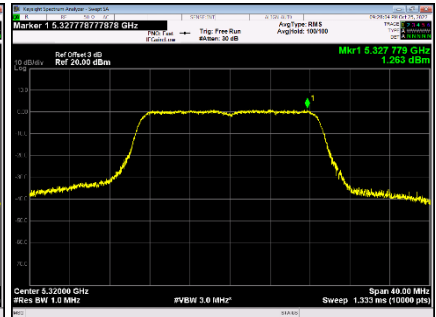
CH52



CH60



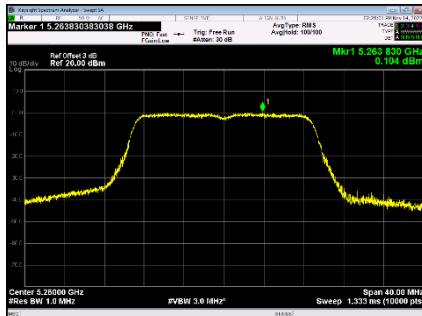
CH64



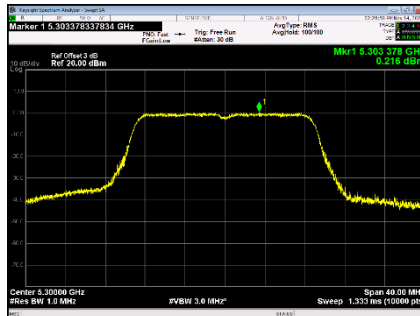
UNII-2A_TX N (HT20) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	0.104	0.00	0.104	11.00	PASS
60	5300	0.216	0.00	0.216	11.00	PASS
64	5320	0.409	0.00	0.409	11.00	PASS

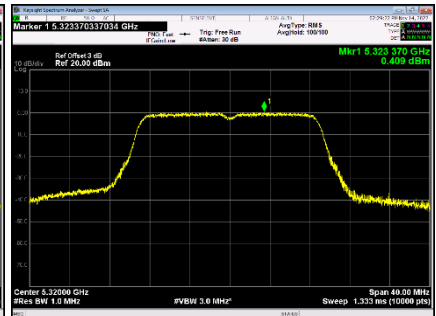
CH52



CH60



CH64



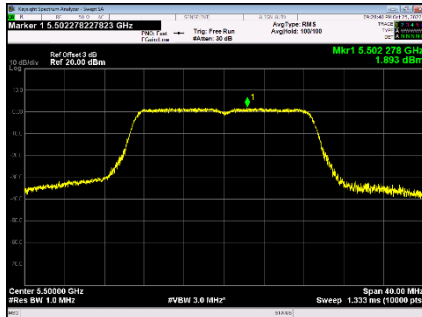
UNII-2A_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	3.75	11.00	PASS
60	5300	3.69	11.00	PASS
64	5320	3.87	11.00	PASS

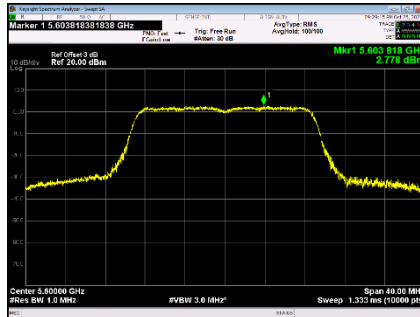
UNII-2C_TX N (HT20) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	1.893	0.00	1.893	11.00	PASS
120	5600	2.778	0.00	2.778	11.00	PASS
140	5700	2.527	0.00	2.527	11.00	PASS

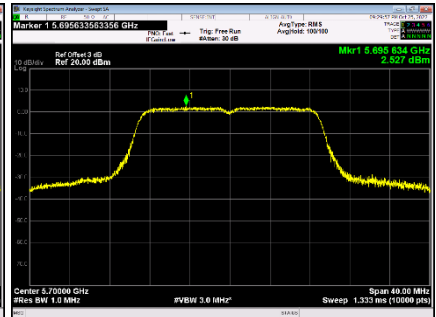
CH100



CH120



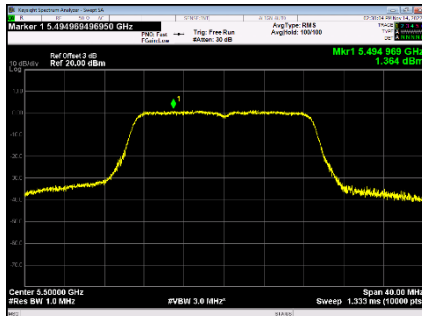
CH140



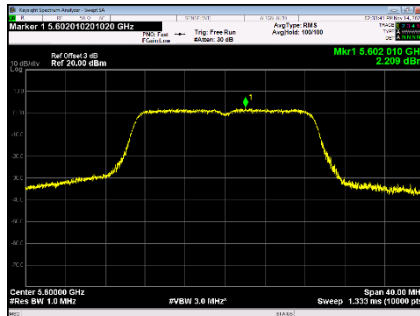
UNII-2C_TX N (HT20) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	1.364	0.00	1.364	11.00	PASS
120	5600	2.209	0.00	2.209	11.00	PASS
140	5700	2.411	0.00	2.411	11.00	PASS

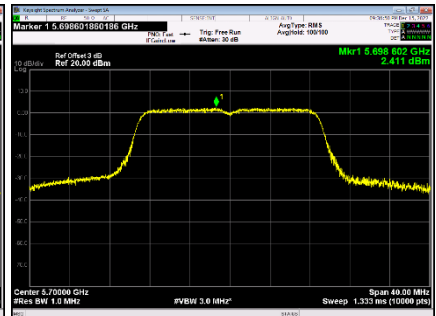
CH100



CH120



CH140



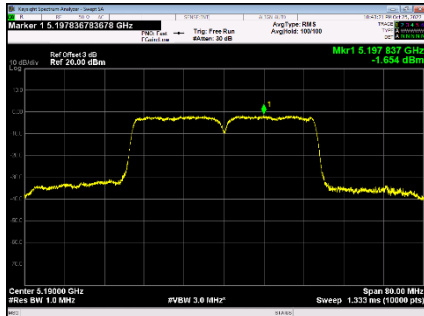
UNII-2C_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	4.65	11.00	PASS
120	5600	5.51	11.00	PASS
140	5700	5.48	11.00	PASS

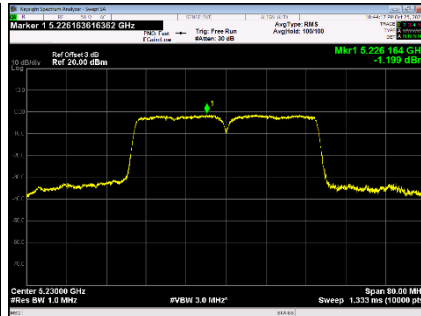
UNII-1_TX N (HT40) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-1.654	0.00	-1.654	11.00	PASS
46	5230	-1.199	0.00	-1.199	11.00	PASS

CH38



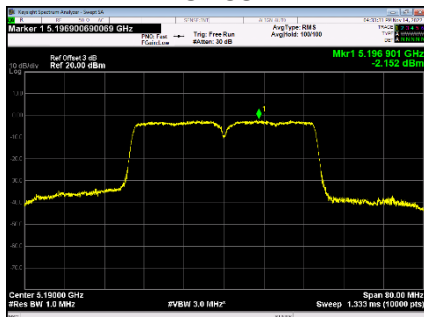
CH46



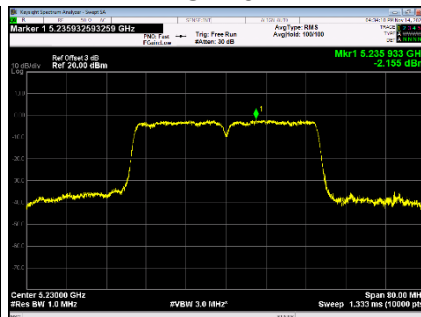
UNII-1_TX N (HT40) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-2.152	0.00	-2.152	11.00	PASS
46	5230	-2.155	0.00	-2.155	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	1.11	11.00	PASS
46	5230	1.36	11.00	PASS

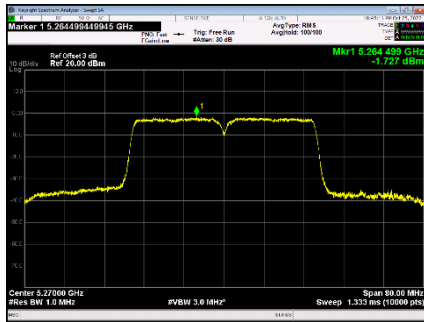
UNII-1_TX N (HT40) Mode_Total For IC

Channel	Frequency (MHz)	EIRP Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	6.92	10.00	PASS
46	5230	7.17	10.00	PASS

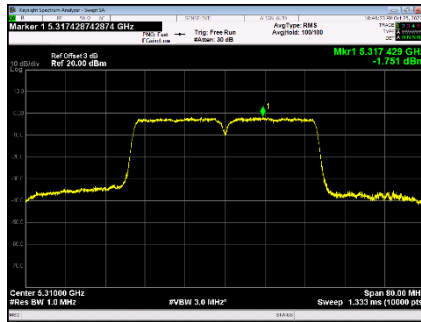
UNII-2A_TX N (HT40) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-1.727	0.00	-1.727	11.00	PASS
62	5310	-1.751	0.00	-1.751	11.00	PASS

CH54



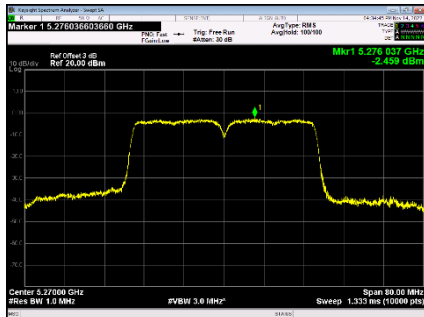
CH62



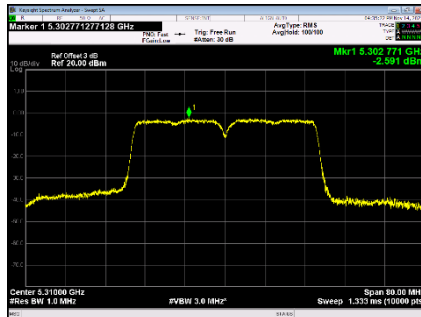
UNII-2A_TX N (HT40) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-2.459	0.00	-2.459	11.00	PASS
62	5310	-2.591	0.00	-2.591	11.00	PASS

CH54



CH62



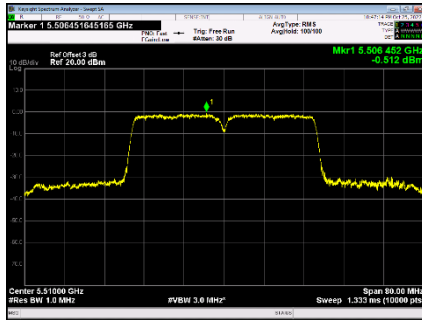
UNII-2A_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	0.93	11.00	PASS
62	5310	0.86	11.00	PASS

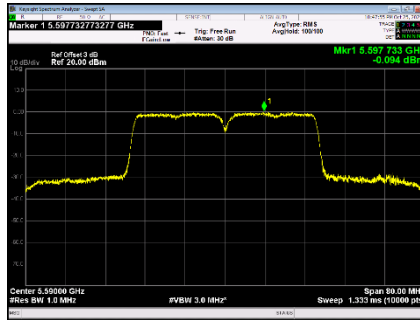
UNII-2C_TX N (HT40) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-0.512	0.00	-0.512	11.00	PASS
118	5590	-0.094	0.00	-0.094	11.00	PASS
134	5670	-0.106	0.00	-0.106	11.00	PASS

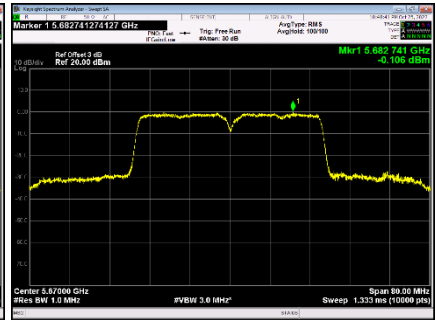
CH102



CH118



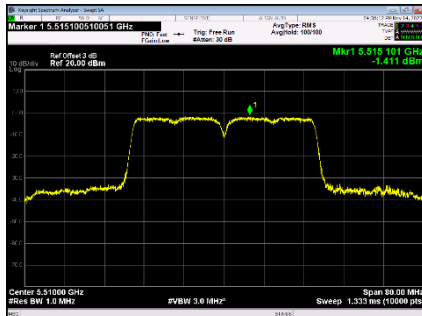
CH134



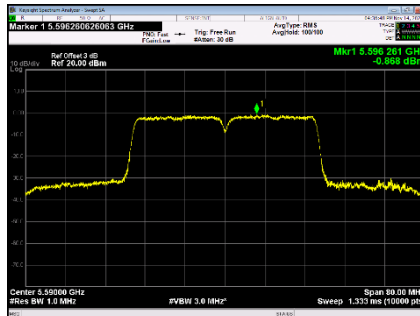
UNII-2C_TX N (HT40) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-1.411	0.00	-1.411	11.00	PASS
118	5590	-0.868	0.00	-0.868	11.00	PASS
134	5670	-0.562	0.00	-0.562	11.00	PASS

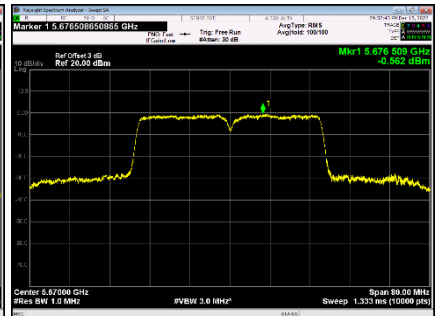
CH102



CH118



CH134



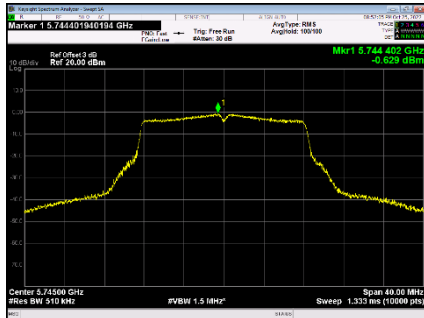
UNII-2C_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	2.07	11.00	PASS
118	5590	2.55	11.00	PASS
134	5670	2.68	11.00	PASS

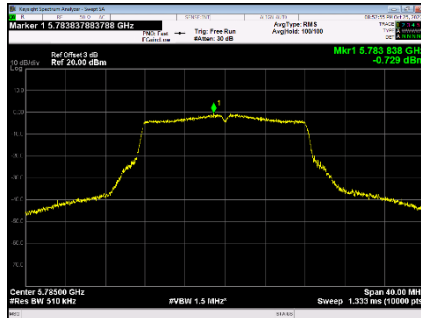
UNII-3_TX A Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-0.629	0.00	-0.629	30.00	PASS
157	5785	-0.729	0.00	-0.729	30.00	PASS
165	5825	-1.130	0.00	-1.130	30.00	PASS

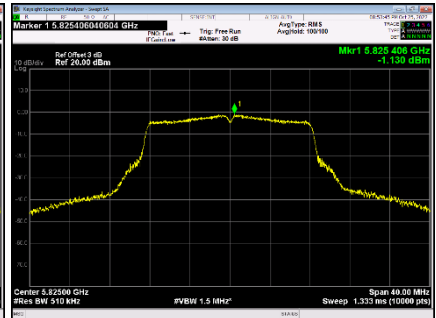
CH149



CH157



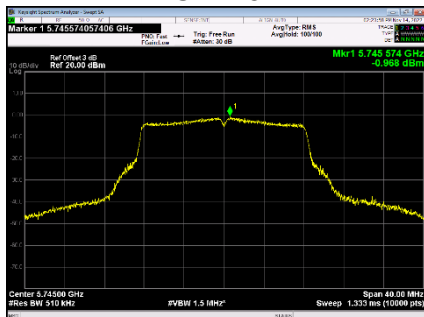
CH165



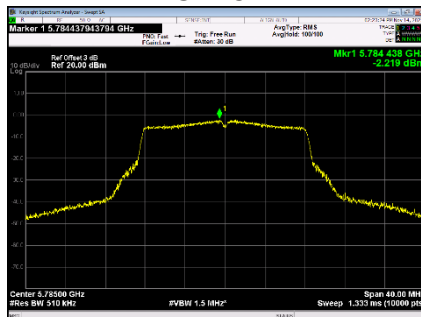
UNII-3_TX A Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-0.968	0.00	-0.968	30.00	PASS
157	5785	-2.219	0.00	-2.219	30.00	PASS
165	5825	-2.051	0.00	-2.051	30.00	PASS

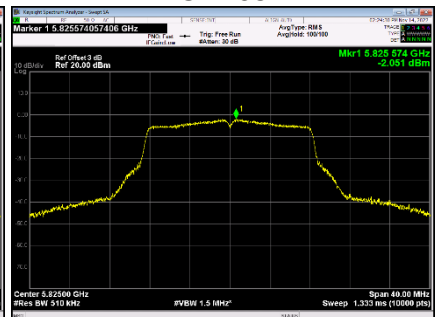
CH149



CH157



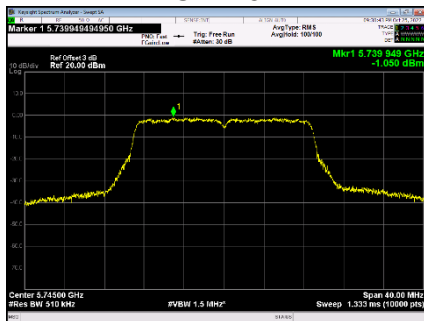
CH165



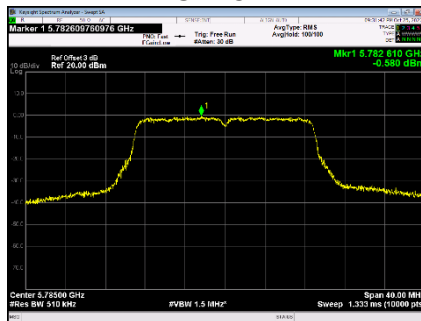
UNII-3_TX N (HT20) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-1.050	0.00	-1.050	30.00	PASS
157	5785	-0.580	0.00	-0.580	30.00	PASS
165	5825	-1.290	0.00	-1.290	30.00	PASS

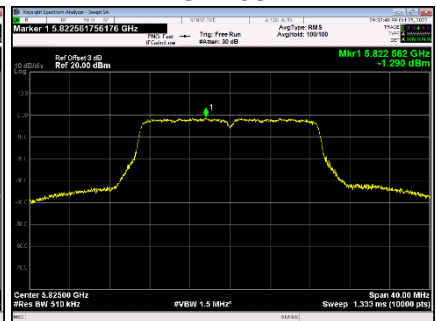
CH149



CH157



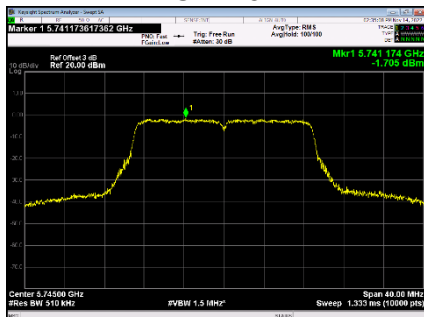
CH165



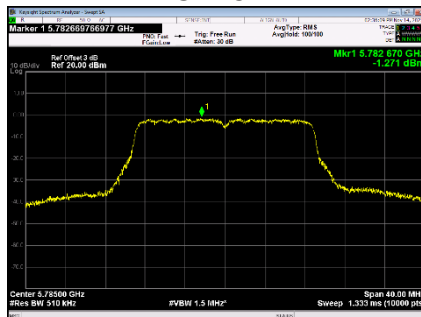
UNII-3_TX N (HT20) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-1.705	0.00	-1.705	30.00	PASS
157	5785	-1.271	0.00	-1.271	30.00	PASS
165	5825	-1.535	0.00	-1.535	30.00	PASS

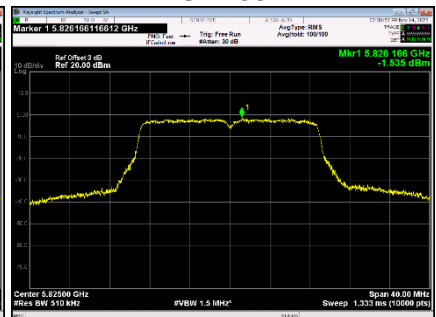
CH149



CH157



CH165



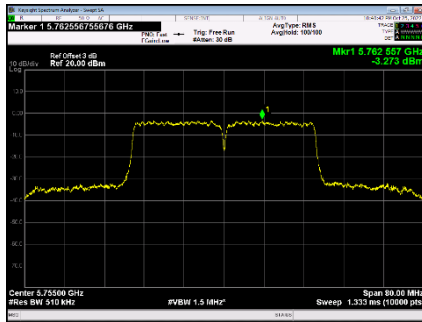
UNII-3_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	1.65	30.00	PASS
157	5785	2.10	30.00	PASS
165	5825	1.60	30.00	PASS

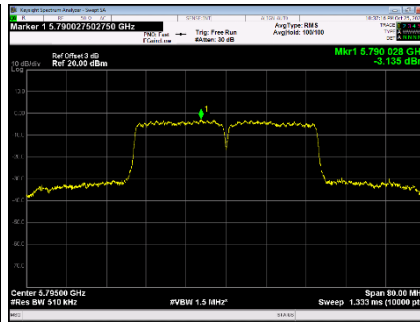
UNII-3_TX N (HT40) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	-3.273	0.00	-3.273	30.00	PASS
159	5795	-3.135	0.00	-3.135	30.00	PASS

CH151



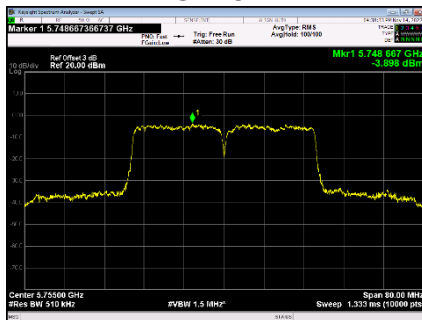
CH159



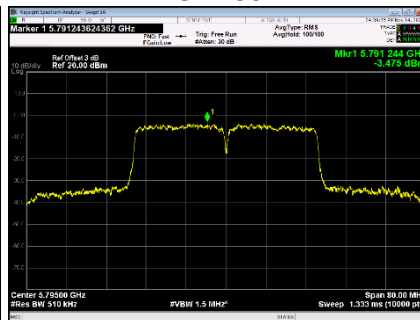
UNII-3_TX N (HT40) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	-3.898	0.00	-3.898	30.00	PASS
159	5795	-3.475	0.00	-3.475	30.00	PASS

CH151



CH159



UNII-3_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	-0.56	30.00	PASS
159	5795	-0.29	30.00	PASS

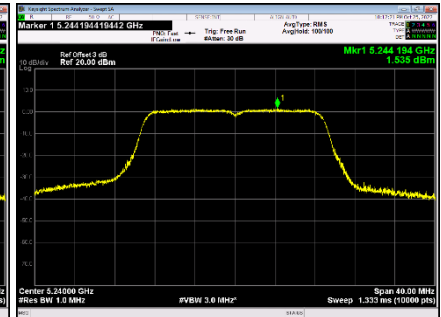
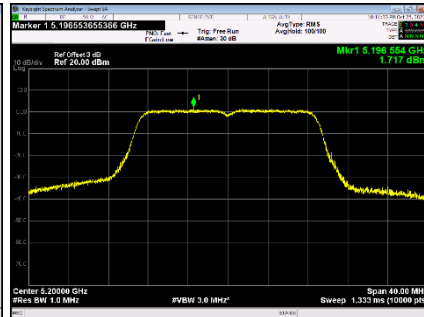
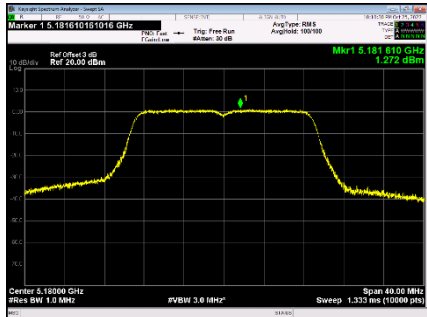
UNII-1_TX AC (VHT20) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	1.272	0.00	1.272	11.00	PASS
40	5200	1.717	0.00	1.717	11.00	PASS
48	5240	1.535	0.00	1.535	11.00	PASS

CH36

CH40

CH48



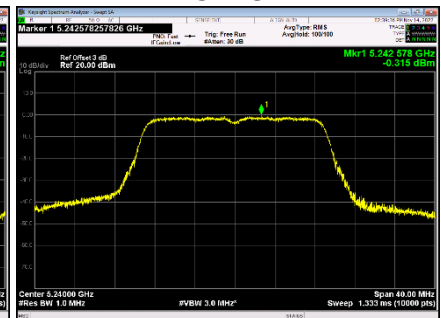
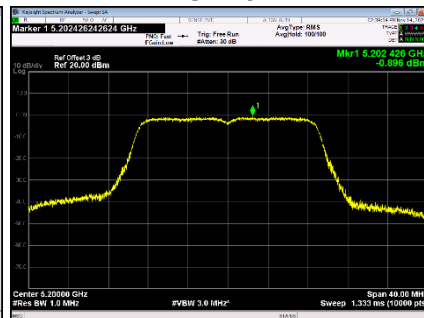
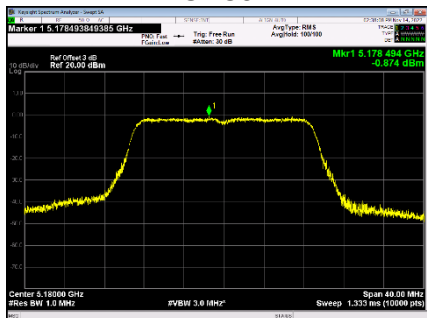
UNII-1_TX AC (VHT20) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	-0.874	0.00	-0.874	11.00	PASS
40	5200	-0.896	0.00	-0.896	11.00	PASS
48	5240	-0.315	0.00	-0.315	11.00	PASS

CH36

CH40

CH48



UNII-1_TX AC (VHT20) Mode_Total For FCC

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	3.34	11.00	PASS
40	5200	3.61	11.00	PASS
48	5240	3.72	11.00	PASS

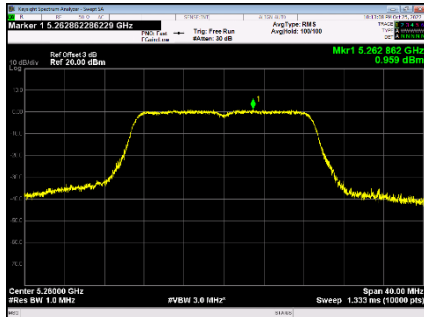
UNII-1_TX AC (VHT20) Mode_Total For IC

Channel	Frequency (MHz)	EIRP Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	9.15	10.00	PASS
40	5200	9.42	10.00	PASS
48	5240	9.53	10.00	PASS

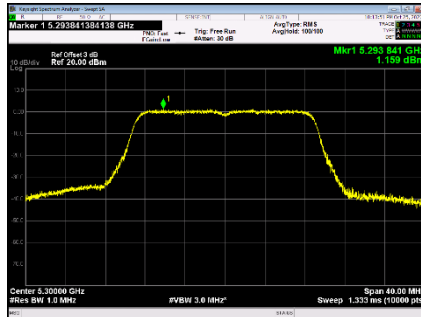
UNII-2A_TX AC (VHT20) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	0.959	0.00	0.959	11.00	PASS
60	5300	1.159	0.00	1.159	11.00	PASS
64	5320	1.116	0.00	1.116	11.00	PASS

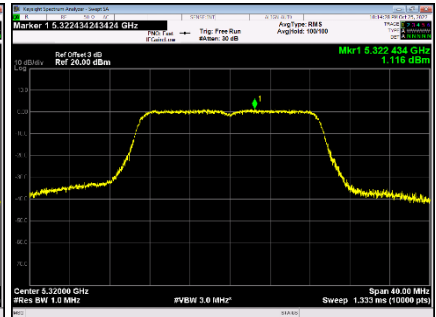
CH52



CH60



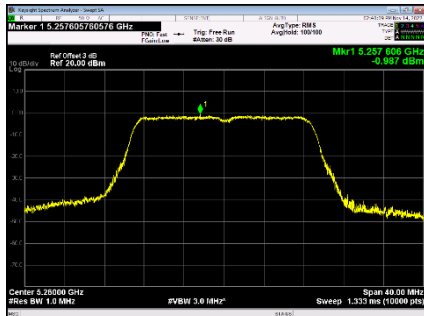
CH64



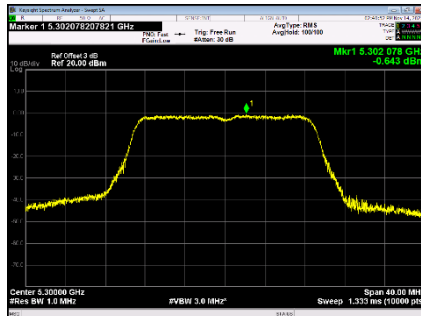
UNII-2A_TX AC (VHT20) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	-0.987	0.00	-0.987	11.00	PASS
60	5300	-0.643	0.00	-0.643	11.00	PASS
64	5320	-0.547	0.00	-0.547	11.00	PASS

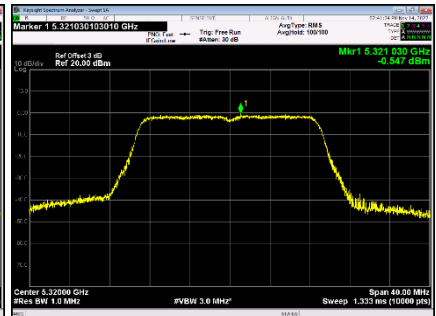
CH52



CH60



CH64



UNII-2A_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	3.10	11.00	PASS
60	5300	3.36	11.00	PASS
64	5320	3.37	11.00	PASS

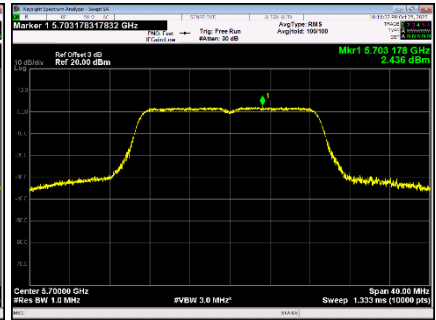
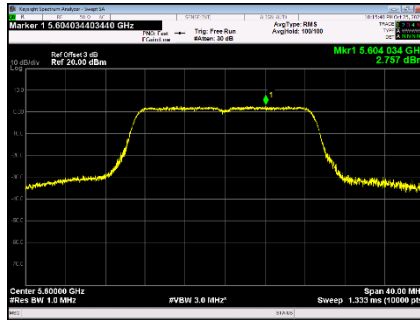
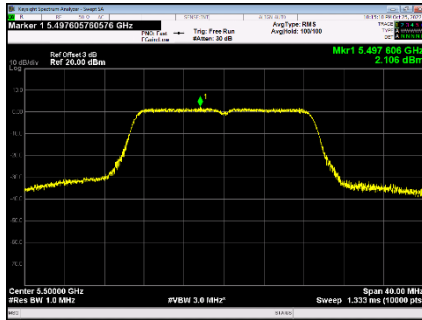
UNII-2C_TX AC (VHT20) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	2.106	0.00	2.106	11.00	PASS
120	5600	2.757	0.00	2.757	11.00	PASS
140	5700	2.436	0.00	2.436	11.00	PASS

CH100

CH120

CH140



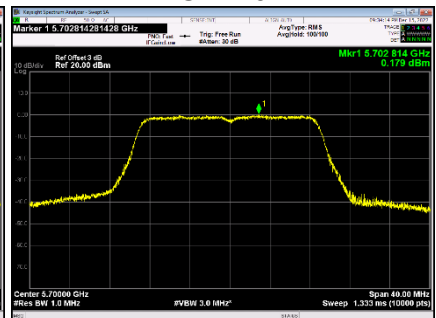
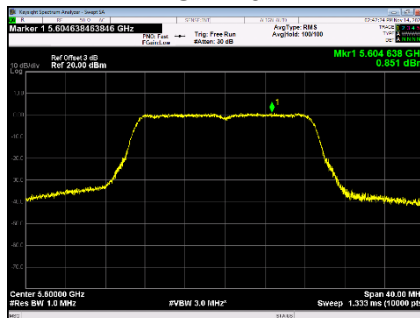
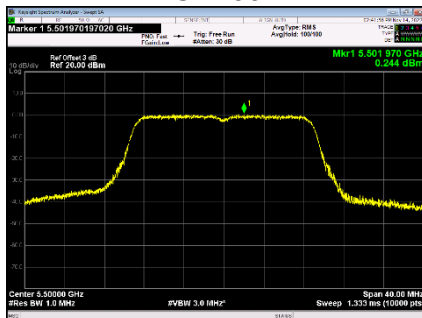
UNII-2C_TX AC (VHT20) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	0.244	0.00	0.244	11.00	PASS
120	5600	0.851	0.00	0.851	11.00	PASS
140	5700	0.179	0.00	0.179	11.00	PASS

CH100

CH120

CH140



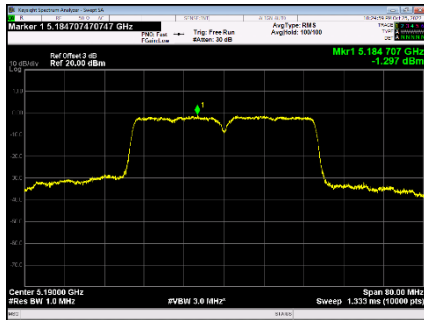
UNII-2C_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	4.28	11.00	PASS
120	5600	4.92	11.00	PASS
140	5700	4.21	11.00	PASS

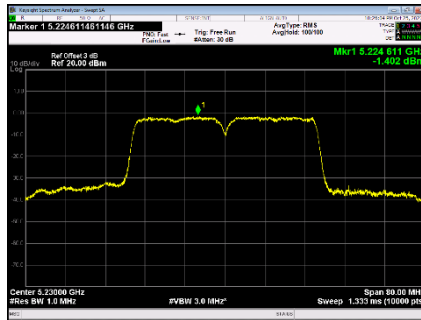
UNII-1_TX AC (VHT40) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-1.297	0.00	-1.297	11.00	PASS
46	5230	-1.402	0.00	-1.402	11.00	PASS

CH38



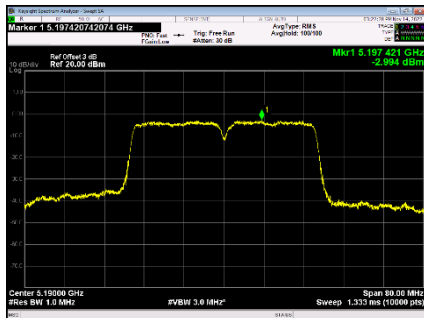
CH46



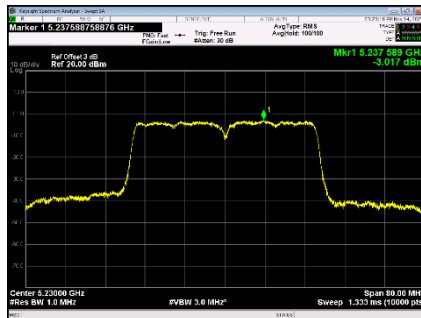
UNII-1_TX AC (VHT40) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-2.994	0.00	-2.994	11.00	PASS
46	5230	-3.017	0.00	-3.017	11.00	PASS

CH38



CH46



UNII-1_TX AC (VHT40) Mode_Total For FCC

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	0.95	11.00	PASS
46	5230	0.88	11.00	PASS

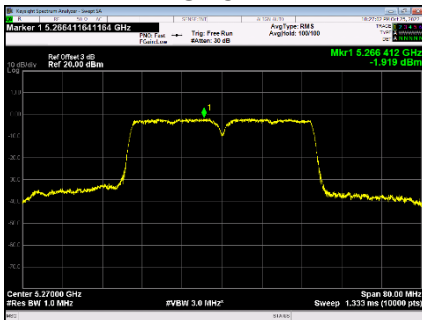
UNII-1_TX AC (VHT40) Mode_Total For IC

Channel	Frequency (MHz)	EIRP Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	6.76	10.00	PASS
46	5230	6.69	10.00	PASS

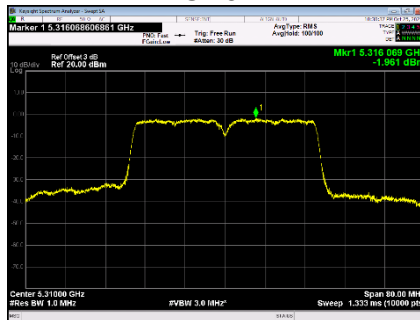
UNII-2A_TX AC (VHT40) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-1.919	0.00	-1.919	11.00	PASS
62	5310	-1.961	0.00	-1.961	11.00	PASS

CH54



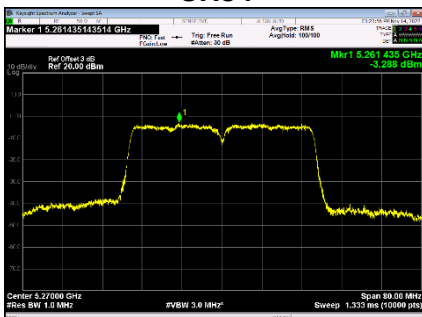
CH62



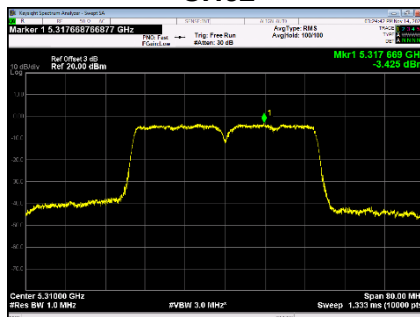
UNII-2A_TX AC (VHT40) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-3.288	0.00	-3.288	11.00	PASS
62	5310	-3.425	0.00	-3.425	11.00	PASS

CH54



CH62



UNII-2A_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	0.46	11.00	PASS
62	5310	0.38	11.00	PASS

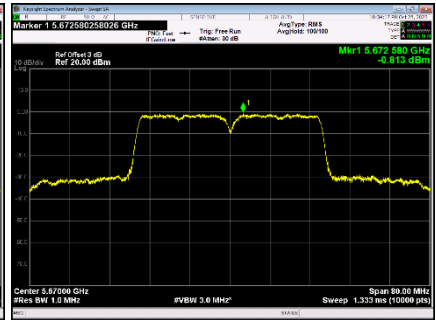
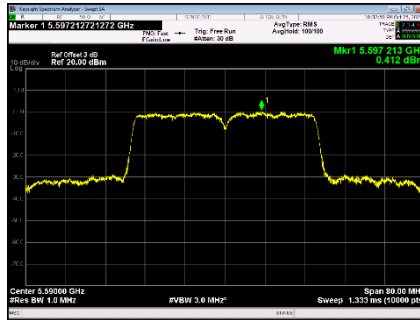
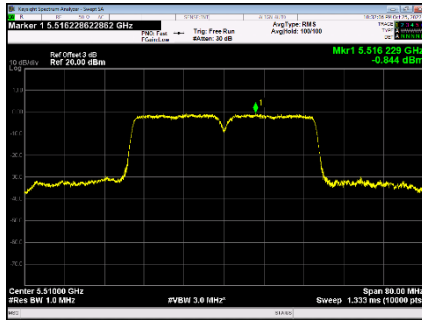
UNII-2C_TX AC (VHT40) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-0.844	0.00	-0.844	11.00	PASS
118	5590	0.412	0.00	0.412	11.00	PASS
134	5670	-0.813	0.00	-0.813	11.00	PASS

CH102

CH118

CH134



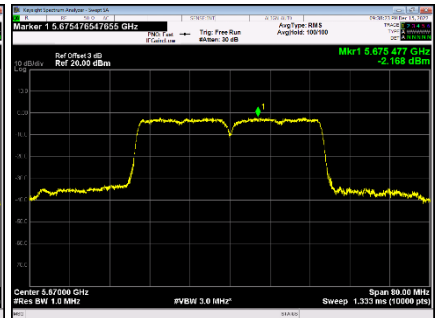
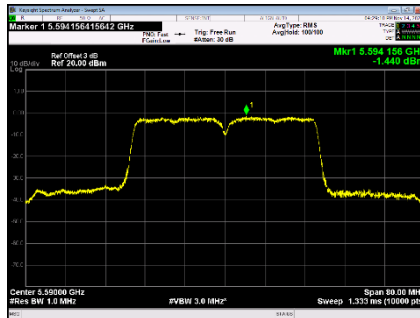
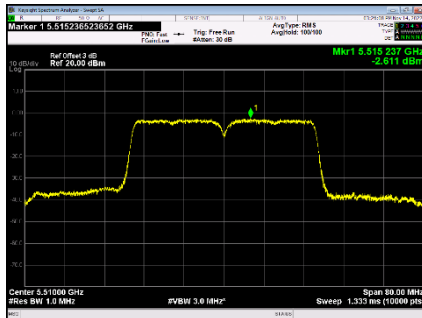
UNII-2C_TX AC (VHT40) Mode_Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-2.611	0.00	-2.611	11.00	PASS
118	5590	-1.440	0.00	-1.440	11.00	PASS
134	5670	-2.168	0.00	-2.168	11.00	PASS

CH102

CH118

CH134



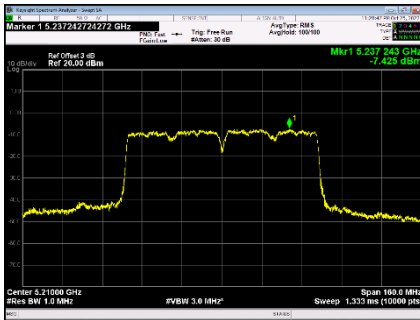
UNII-2C_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	1.37	11.00	PASS
118	5590	2.59	11.00	PASS
134	5670	1.57	11.00	PASS

UNII-1_TX AC (VHT80) 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
42	5210	-7.425	0.00	-7.425	11.00	PASS

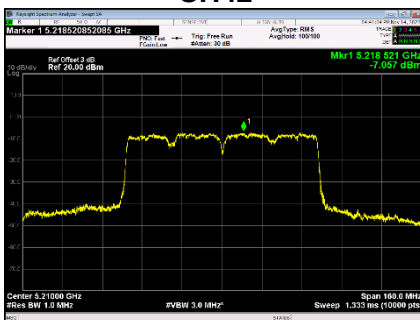
CH42



UNII-1_TX AC (VHT80) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-7.057	0.00	-7.057	11.00	PASS

CH42



UNII-1_TX AC (VHT80) Mode_Total For FCC

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-4.23	11.00	PASS

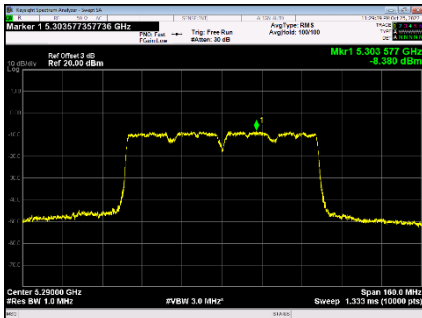
UNII-1_TX AC (VHT80) Mode_Total For IC

Channel	Frequency (MHz)	EIRP Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	1.58	10.00	PASS

UNII-2A_TX AC (VHT80) 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
58	5290	-8.380	0.00	-8.380	11.00	PASS

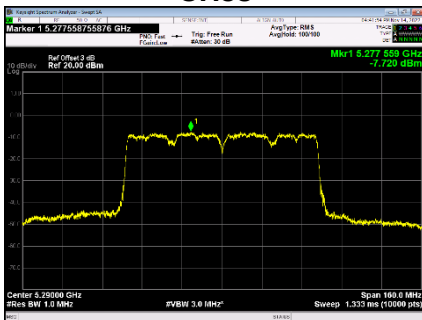
CH58



UNII-2A_TX AC (VHT80) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	-7.720	0.00	-7.720	11.00	PASS

CH58



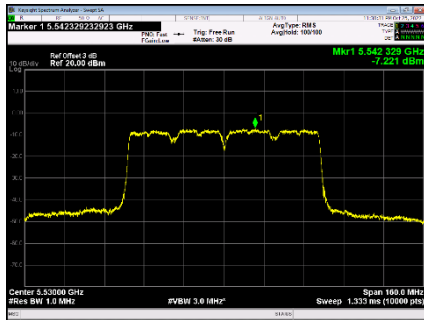
UNII-2A_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	-5.03	11.00	PASS

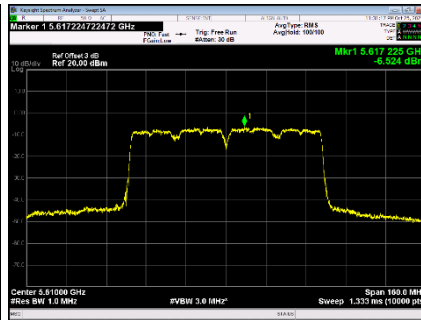
UNII-2C_TX AC (VHT80) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-7.221	0.00	-7.221	11.00	PASS
122	5610	-6.524	0.00	-6.524	11.00	PASS

CH106



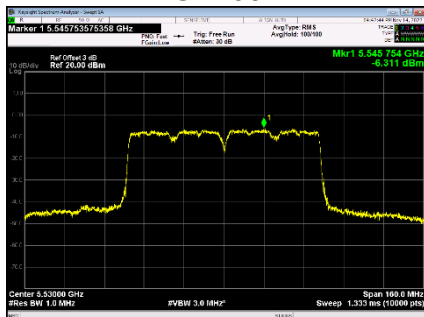
CH122



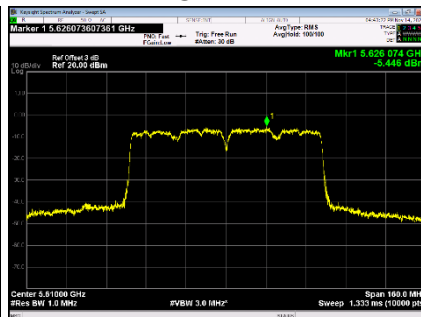
UNII-2C_TX AC (VHT80) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-6.311	0.00	-6.311	11.00	PASS
122	5610	-5.446	0.00	-5.446	11.00	PASS

CH106



CH122



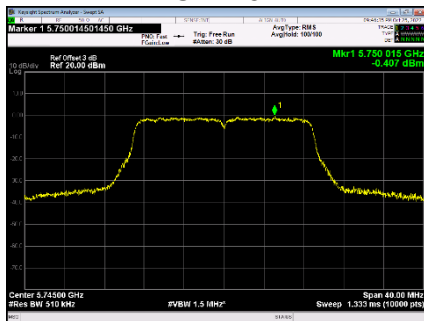
UNII-2C_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-3.73	11.00	PASS
122	5610	-2.94	11.00	PASS

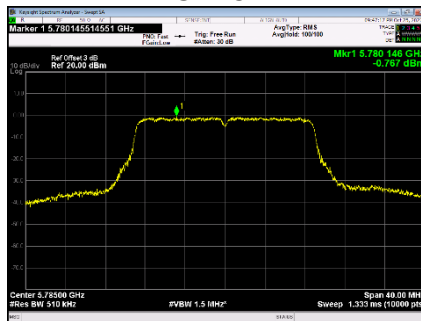
UNII-3_TX AC (VHT20) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-0.407	0.00	-0.407	30.00	PASS
157	5785	-0.767	0.00	-0.767	30.00	PASS
165	5825	-0.846	0.00	-0.846	30.00	PASS

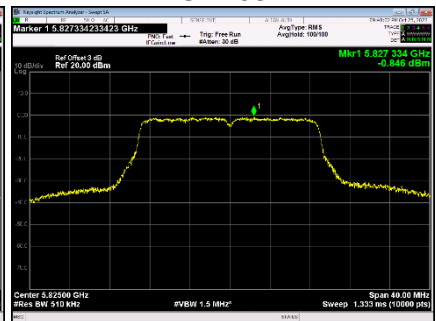
CH149



CH157



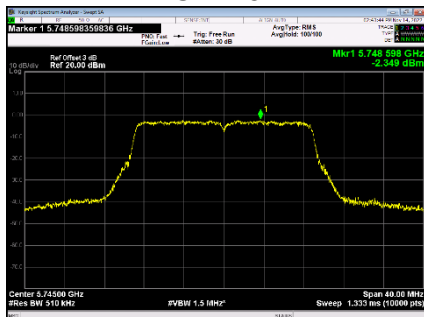
CH165



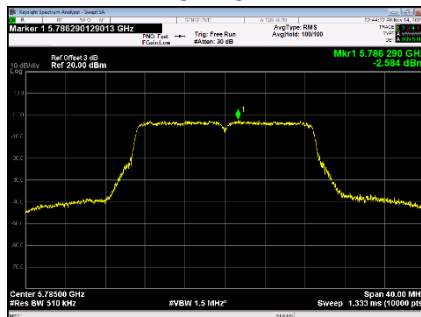
UNII-3_TX AC (VHT20) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-2.349	0.00	-2.349	30.00	PASS
157	5785	-2.584	0.00	-2.584	30.00	PASS
165	5825	-2.891	0.00	-2.891	30.00	PASS

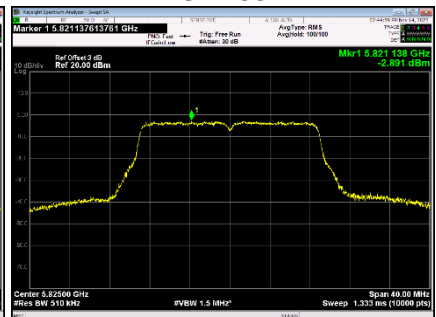
CH149



CH157



CH165



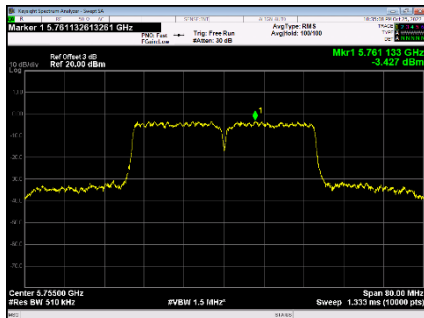
UNII-3_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	1.74	30.00	PASS
157	5785	1.43	30.00	PASS
165	5825	1.26	30.00	PASS

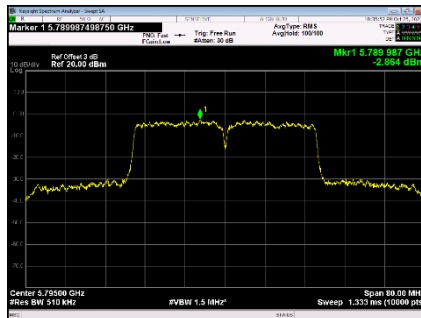
UNII-3_TX AC (VHT40) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	-3.427	0.00	-3.427	30.00	PASS
159	5795	-2.864	0.00	-2.864	30.00	PASS

CH151



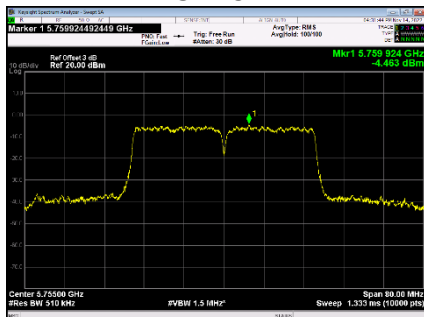
CH159



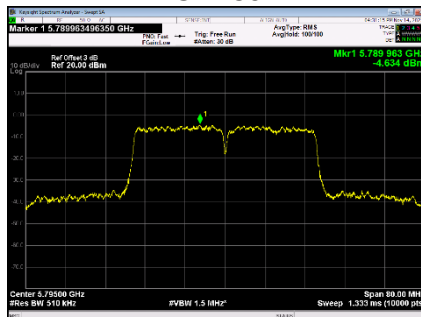
UNII-3_TX AC (VHT40) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	-4.463	0.00	-4.463	30.00	PASS
159	5795	-4.634	0.00	-4.634	30.00	PASS

CH151



CH159



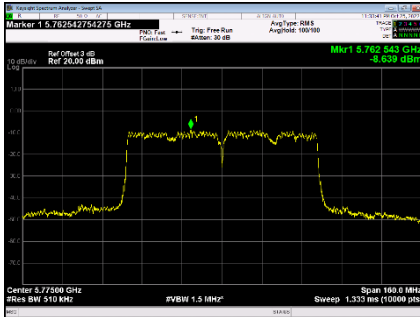
UNII-3_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	-0.90	30.00	PASS
159	5795	-0.65	30.00	PASS

UNII-3_TX AC (VHT80) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-8.639	0.00	-8.639	30.00	PASS

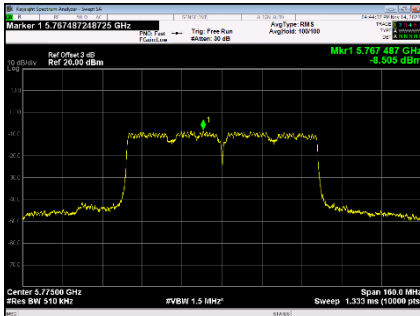
CH155



UNII-3_TX AC (VHT80) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-8.505	0.00	-8.505	30.00	PASS

CH155



UNII-3_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-5.56	30.00	PASS

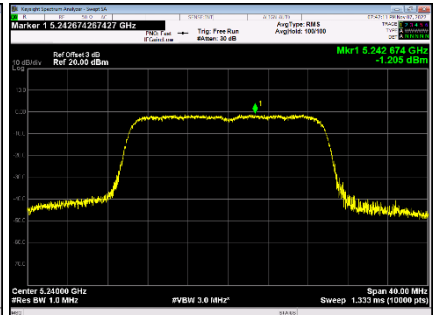
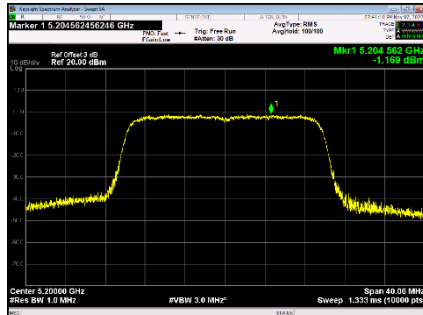
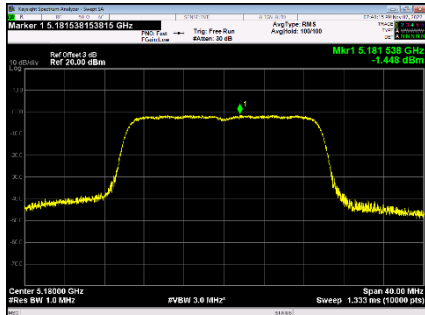
UNII-1_TX AX (HE20) Mode_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	-1.448	0.00	-1.448	11.00	PASS
40	5200	-1.169	0.00	-1.169	11.00	PASS
48	5240	-1.205	0.00	-1.205	11.00	PASS

CH36

CH40

CH48



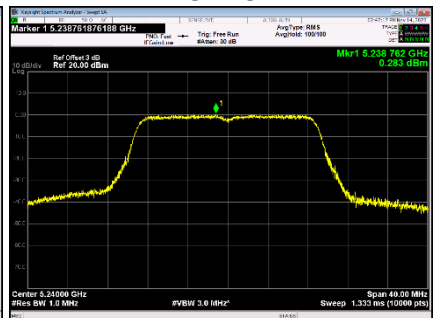
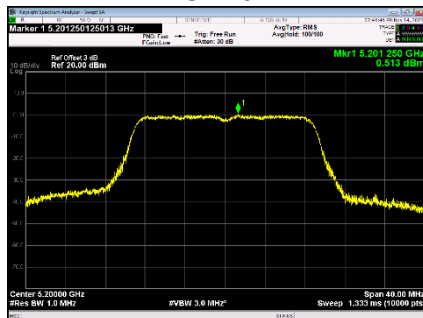
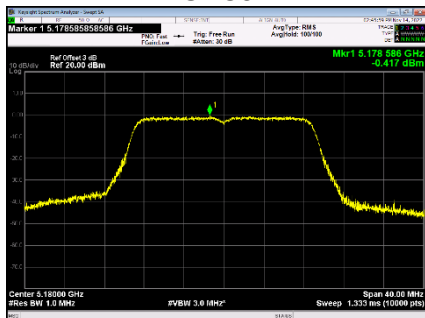
UNII-1_TX AX (HE20) Mode_Ant2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	-0.417	0.00	-0.417	11.00	PASS
40	5200	0.513	0.00	0.513	11.00	PASS
48	5240	0.283	0.00	0.283	11.00	PASS

CH36

CH40

CH48



UNII-1_TX AX (HE20) Mode_Total For FCC

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	2.11	11.00	PASS
40	5200	2.76	11.00	PASS
48	5240	2.61	11.00	PASS

UNII-1_TX AX (HE20) Mode_Total For IC

Channel	Frequency (MHz)	EIRP Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	7.92	10.00	PASS
40	5200	8.57	10.00	PASS
48	5240	8.42	10.00	PASS