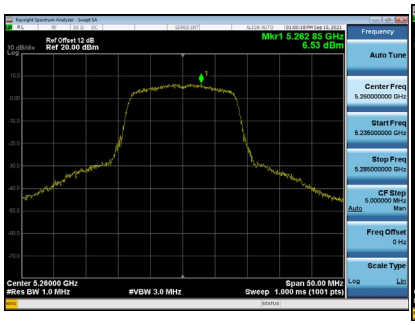
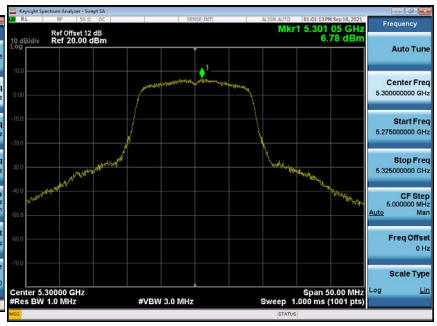
Test Mode	UNII-2A_TX AC(VHT20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	6.53	1.03	7.56	11.00	Complies
60	5300	6.78	1.03	7.81	11.00	Complies
64	5320	6.70	1.03	7.73	11.00	Complies

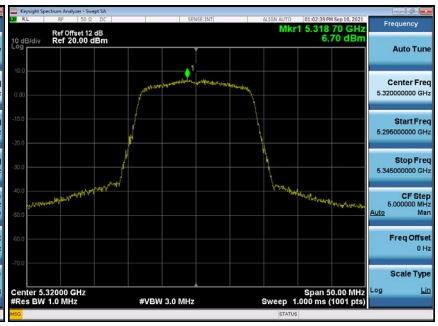
CH52



CH60



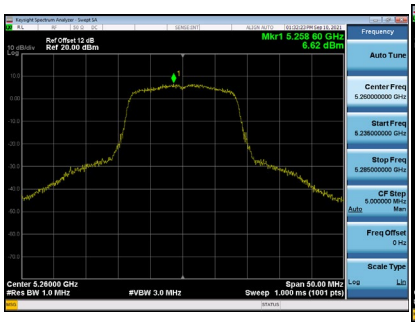
CH64



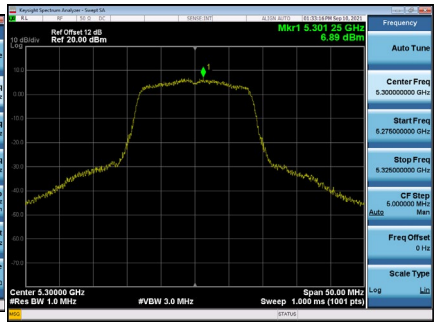
Test Mode	UNII-2A_TX AC(VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	6.62	1.03	7.65	11.00	Complies
60	5300	6.89	1.03	7.92	11.00	Complies
64	5320	6.69	1.03	7.72	11.00	Complies

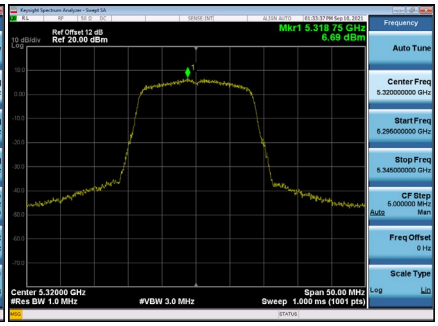
CH52



CH60



CH64



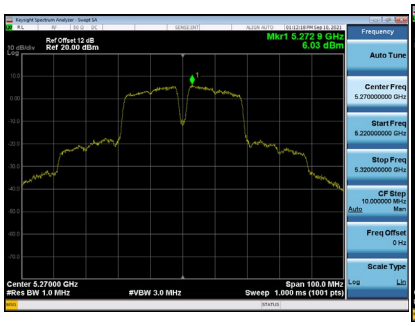
Test Mode	UNII-2A_TX AC(VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	10.62	11.00	Complies
60	5300	10.88	11.00	Complies
64	5320	10.74	11.00	Complies

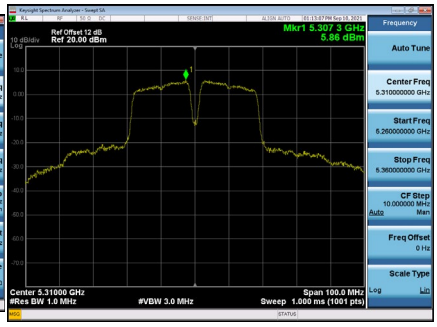
Test Mode	UNII-2A_TX AC(VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	6.03	1.88	7.91	11.00	Complies
62	5310	5.86	1.88	7.74	11.00	Complies

CH54



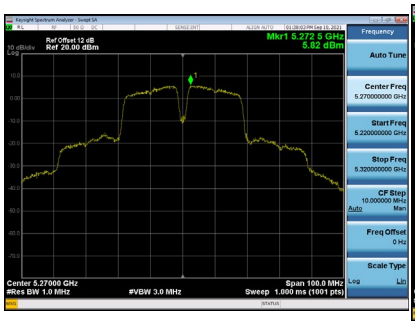
CH62



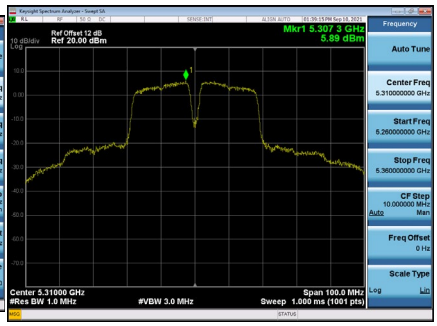
Test Mode	UNII-2A_TX AC(VHT40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	5.82	1.88	7.70	11.00	Complies
62	5310	5.89	1.88	7.77	11.00	Complies

CH54



CH62



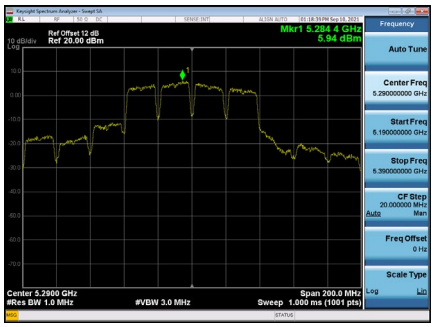
Test Mode	UNII-2A_TX AC(VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	10.82	11.00	Complies
62	5310	10.77	11.00	Complies

Test Mode	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	5.94	1.94	7.88	11.00	Complies

CH58



Test Mode	UNII-2A_TX AC(VHT80) 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
58	5290	5.59	1.94	7.53	11.00	Complies

CH58

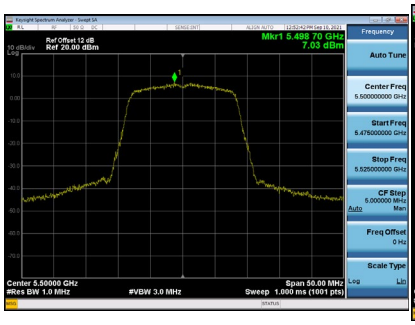
Test Mode	UNII-2A_TX AC(VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	10.72	11.00	Complies

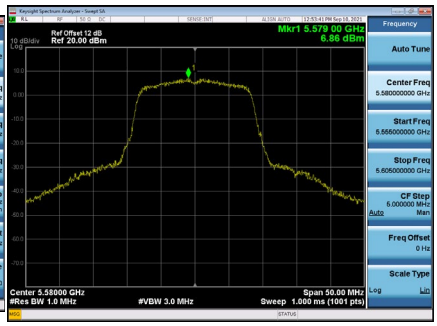
Test Mode	UNII-2C_TX A Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	7.03	0.85	7.88	11.00	Complies
116	5580	6.86	0.85	7.71	11.00	Complies
140	5700	6.84	0.85	7.69	11.00	Complies

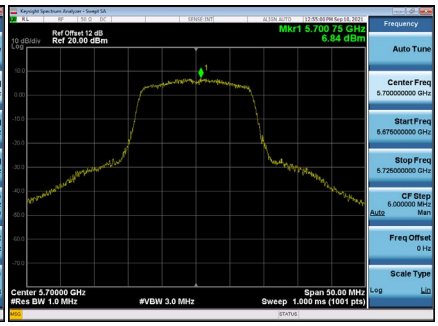
CH100



CH116



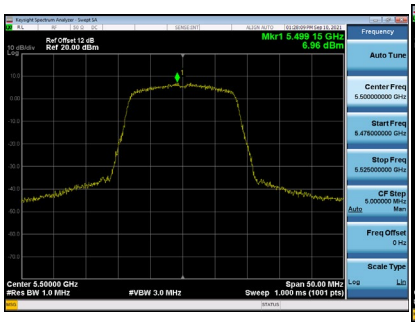
CH140



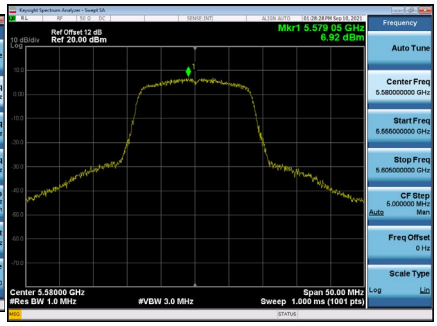
Test Mode	UNII-2C_TX A Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	6.96	0.85	7.81	11.00	Complies
116	5580	6.92	0.85	7.77	11.00	Complies
140	5700	6.57	0.85	7.42	11.00	Complies

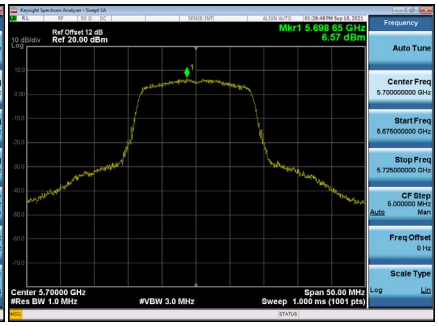
CH100



CH116



CH140



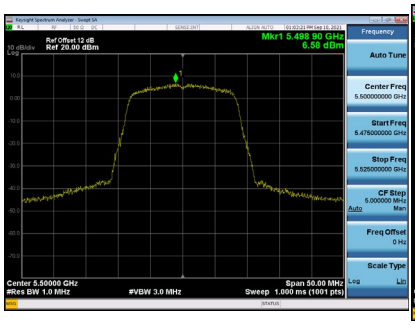
Test Mode	UNII-2C_TX A Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	10.86	11.00	Complies
116	5580	10.75	11.00	Complies
140	5700	10.57	11.00	Complies

Test Mode	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	6.58	1.03	7.61	11.00	Complies
116	5580	6.52	1.03	7.55	11.00	Complies
140	5700	6.70	1.03	7.73	11.00	Complies

CH100



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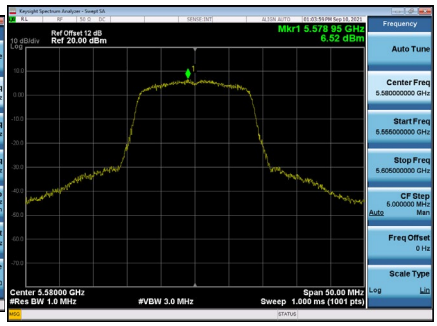

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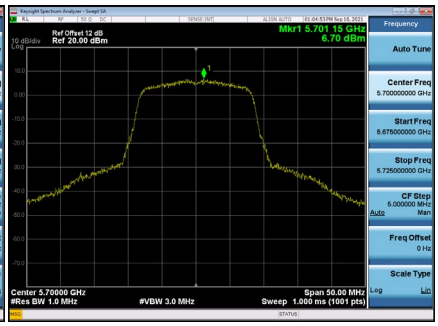
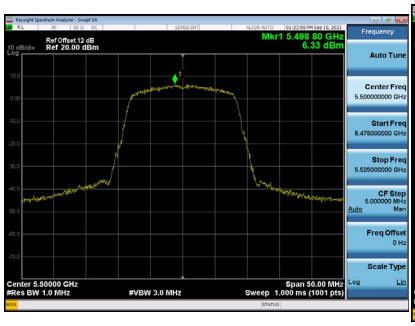


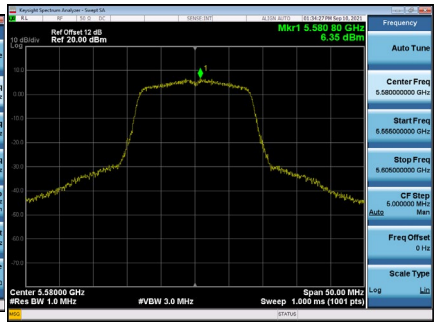
Test Mode	UNII-2C_TX AC(VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	6.33	1.03	7.36	11.00	Complies
116	5580	6.35	1.03	7.38	11.00	Complies
140	5700	6.89	1.03	7.92	11.00	Complies

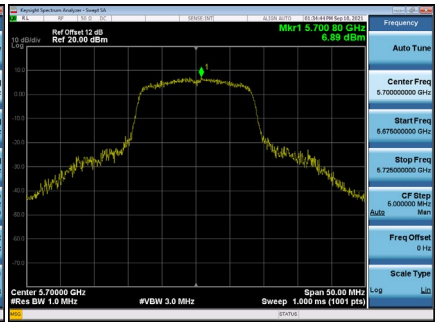
CH100



CH116



CH140



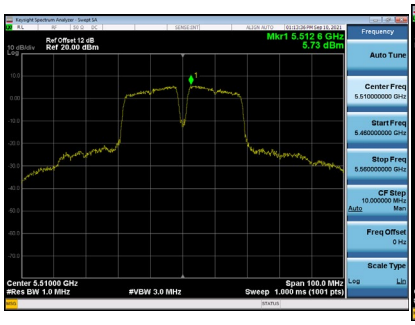
Test Mode	UNII-2C_TX AC(VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	10.50	11.00	Complies
116	5580	10.48	11.00	Complies
140	5700	10.84	11.00	Complies

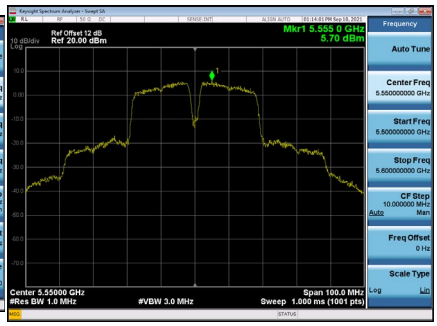
Test Mode	UNII-2C_TX AC(VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	5.73	1.88	7.61	11.00	Complies
110	5550	5.70	1.88	7.58	11.00	Complies
134	5670	5.76	1.88	7.64	11.00	Complies

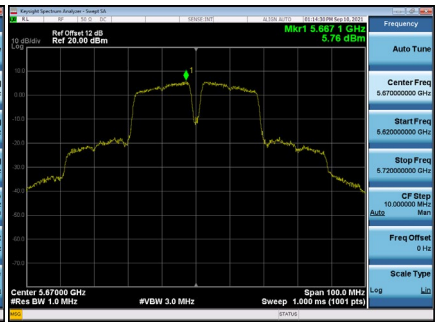
CH102



CH110



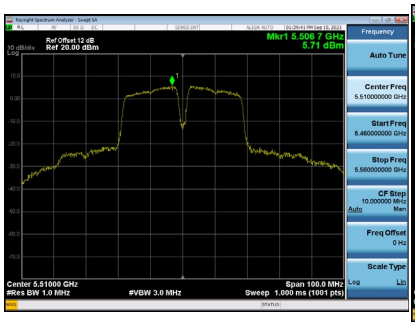
CH134



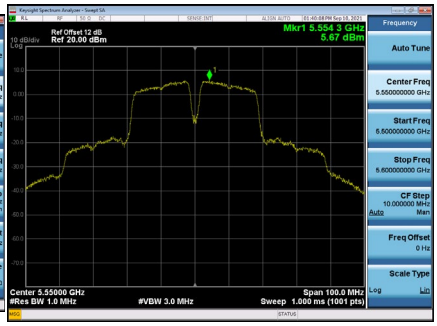
Test Mode	UNII-2C_TX AC(VHT40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	5.71	1.88	7.59	11.00	Complies
110	5550	5.67	1.88	7.55	11.00	Complies
134	5670	5.84	1.88	7.72	11.00	Complies

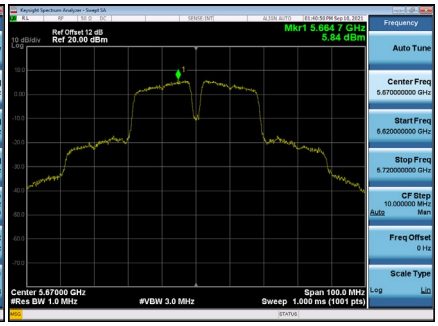
CH102



CH110



CH134



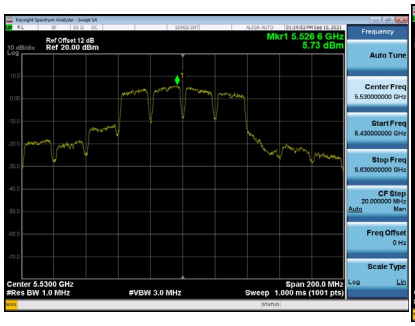
Test Mode	UNII-2C_TX AC(VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	10.61	11.00	Complies
110	5550	10.58	11.00	Complies
134	5670	10.69	11.00	Complies

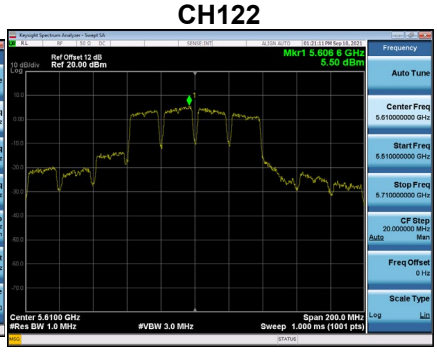
Test Mode	UNII-2C_TX AC(VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	5.73	1.94	7.67	11.00	Complies
122	5610	5.50	1.94	7.44	11.00	Complies

CH106



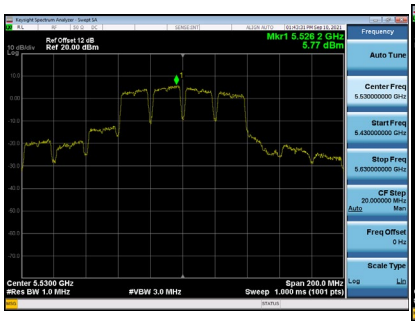
CH122



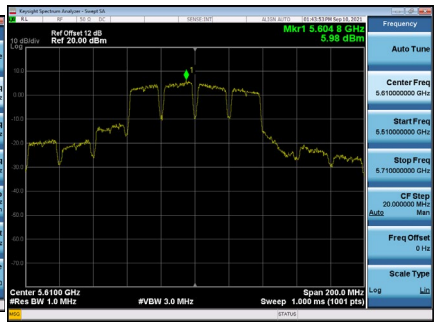
Test Mode	UNII-2C_TX AC(VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	5.77	1.94	7.71	11.00	Complies
122	5610	5.98	1.94	7.92	11.00	Complies

CH106



CH122



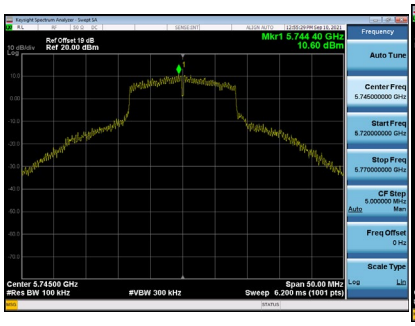
Test Mode	UNII-2C_TX AC(VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	10.70	11.00	Complies
122	5610	10.70	11.00	Complies

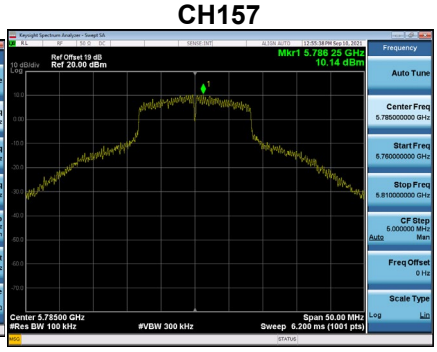
Test Mode	UNII-3_TX A Mode_Ant. 1

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	10.60	0.85	11.45	30.00	Complies
157	5785	10.14	0.85	10.99	30.00	Complies
165	5825	10.29	0.85	11.14	30.00	Complies

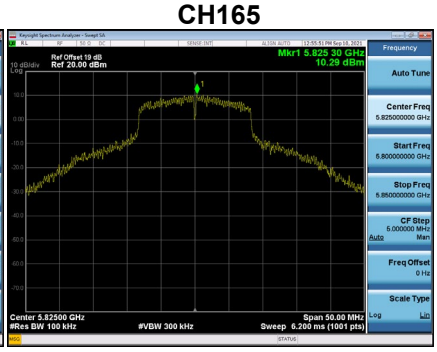
CH149



CH157



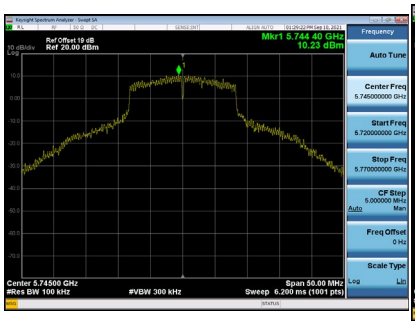
CH165



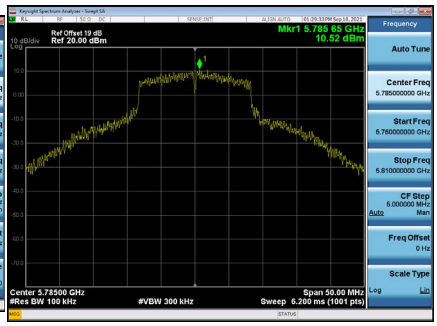
Test Mode	UNII-3_TX A Mode_Ant. 2

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	10.23	0.85	11.08	30.00	Complies
157	5785	10.52	0.85	11.37	30.00	Complies
165	5825	10.28	0.85	11.13	30.00	Complies

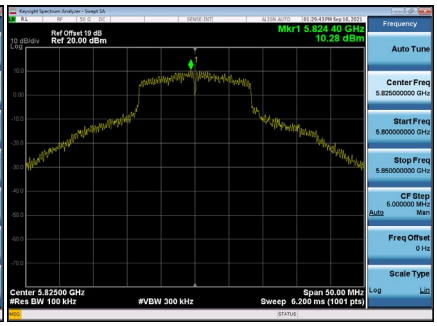
CH149



CH157



CH165



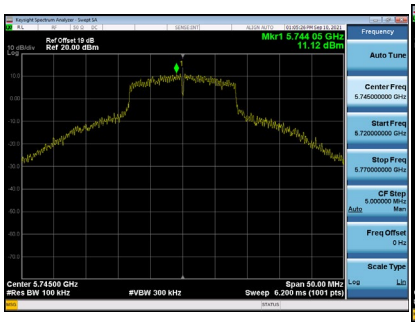
Test Mode	UNII-3_TX A Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	14.28	30.00	Complies
157	5785	14.20	30.00	Complies
165	5825	14.15	30.00	Complies

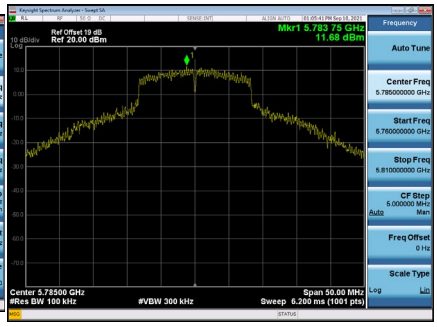
Test Mode	UNII-3_TX AC(VHT20) Mode_Ant. 1

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	11.12	1.03	12.15	30.00	Complies
157	5785	11.68	1.03	12.71	30.00	Complies
165	5825	11.25	1.03	12.28	30.00	Complies

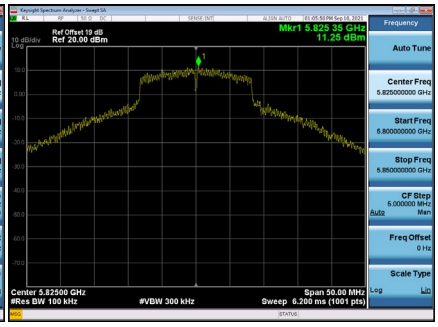
CH149



CH157



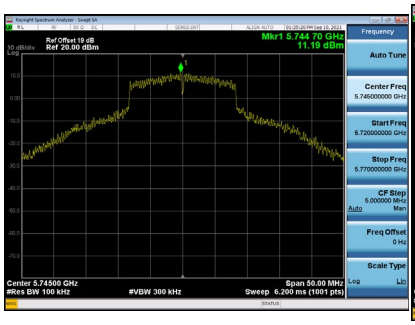
CH165



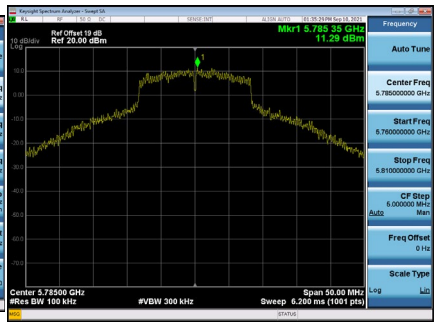
Test Mode	UNII-3_TX AC(VHT20) Mode_Ant. 2

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	11.19	1.03	12.22	30.00	Complies
157	5785	11.29	1.03	12.32	30.00	Complies
165	5825	11.31	1.03	12.34	30.00	Complies

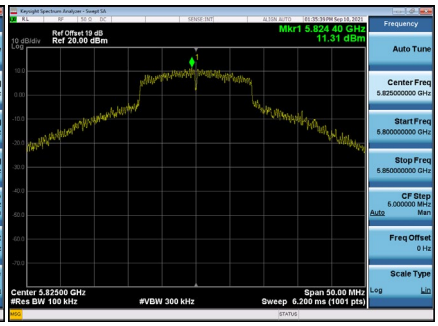
CH149



CH157



CH165



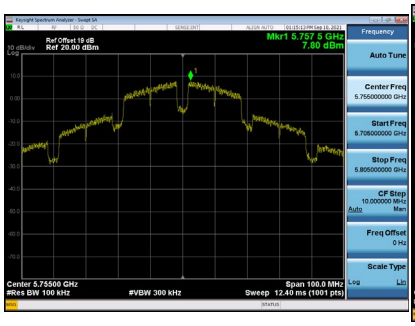
Test Mode	UNII-3_TX AC(VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	15.20	30.00	Complies
157	5785	15.53	30.00	Complies
165	5825	15.32	30.00	Complies

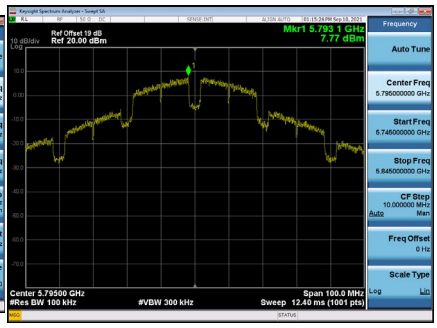
Test Mode	UNII-3_TX AC(VHT40) Mode_Ant. 1

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	7.80	1.88	9.68	30.00	Complies
159	5795	7.77	1.88	9.65	30.00	Complies

CH151



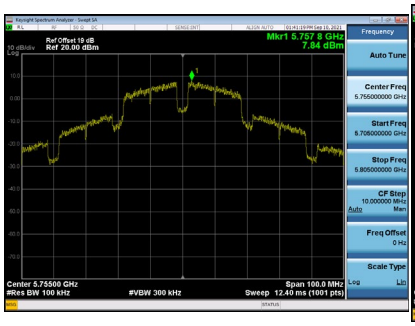
CH159



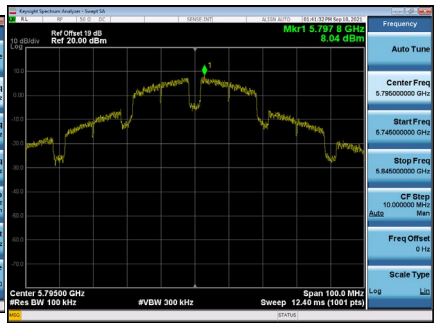
Test Mode	UNII-3_TX AC(VHT40) Mode_Ant. 2

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	7.84	1.88	9.72	30.00	Complies
159	5795	8.04	1.88	9.92	30.00	Complies

CH151



CH159



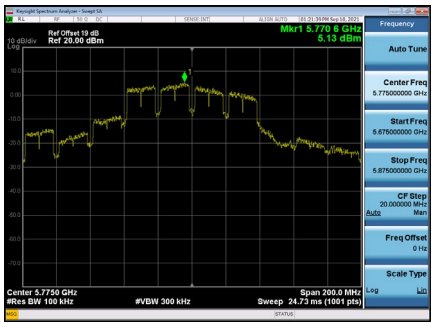
Test Mode	UNII-3_TX AC(VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	12.71	30.00	Complies
159	5795	12.80	30.00	Complies

Test Mode	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	5.13	1.94	7.07	30.00	Complies

CH155



Test Mode	UNII-3_TX AC(VHT80) Mode_Ant. 2

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	5.69	1.94	7.63	30.00	Complies

CH155

Test Mode	UNII-3_TX AC(VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	10.37	30.00	Complies

APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5180.0000
138	5180.0200
120	5180.0200
102	5180.0000
Maximum Deviation (MHz)	0.0200
Maximum Deviation (ppm)	3.8586

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5180.0000
0	5180.0000
10	5179.9950
20	5180.0000
30	5180.0150
40	5180.0000
Maximum Deviation (MHz)	0.0150
Maximum Deviation (ppm)	2.8982

Test Mode	UNII-2A

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5260.0000
138	5260.0150
120	5260.0150
102	5259.9948
Maximum Deviation (MHz)	0.0150
Maximum Deviation (ppm)	2.8541

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5260.0000
0	5260.0000
10	5260.0000
20	5260.0000
30	5259.9999
40	5260.0000
Maximum Deviation (MHz)	0.0001
Maximum Deviation (ppm)	0.0214

Test Mode	UNII-2C

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5500.0000
138	5500.0150
120	5500.0200
102	5500.0200
Maximum Deviation (MHz)	0.0200
Maximum Deviation (ppm)	3.6341

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5500.0000
0	5500.0150
10	5500.0000
20	5500.0150
30	5500.0200
40	5500.0199
Maximum Deviation (MHz)	0.0200
Maximum Deviation (ppm)	3.6341

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5745.0000
138	5745.0200
120	5745.0150
102	5745.0150
Maximum Deviation (MHz)	0.0200
Maximum Deviation (ppm)	3.4791

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5745.0000
0	5745.0200
10	5745.0200
20	5745.0200
30	5745.0200
40	5745.0150
Maximum Deviation (MHz)	0.0200
Maximum Deviation (ppm)	3.4791

End of Test Report