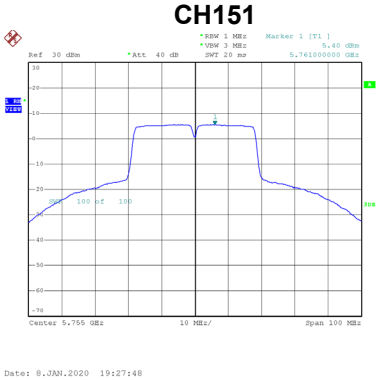
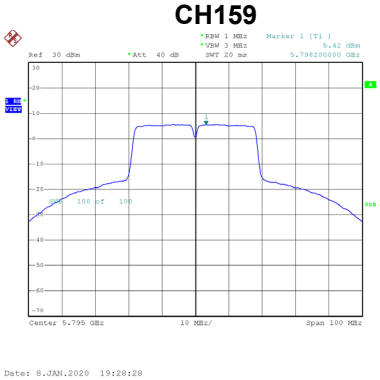
Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1

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	5.40	0.25	5.65	27.19	Complies
159	5795	5.42	0.25	5.67	27.19	Complies

CH151



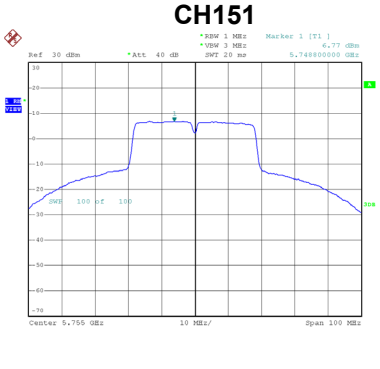
CH159



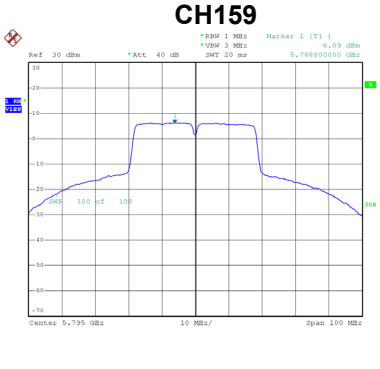
Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2

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	6.77	0.25	7.02	27.19	Complies
159	5795	6.09	0.25	6.34	27.19	Complies

CH151



CH159



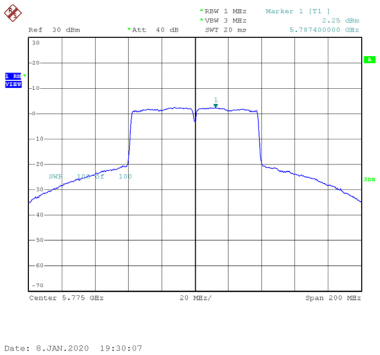
Test Mode	UNII-3_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	9.40	27.19	Complies
159	5795	9.03	27.19	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	2.25	0.47	2.72	27.19	Complies

CH155

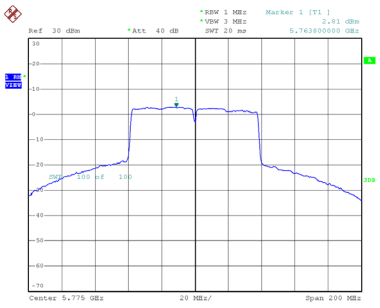


Date: 8.JAN.2020 19:30:07

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	2.81	0.47	3.28	27.19	Complies

CH155



Date: 8.JAN.2020 17:06:31

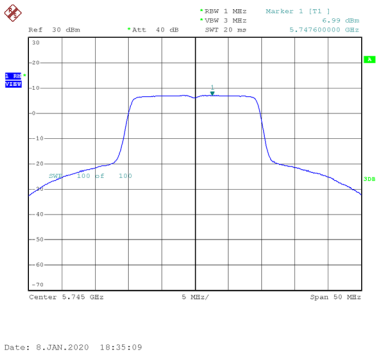
Test Mode	UNII-3_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	6.02	27.19	Complies

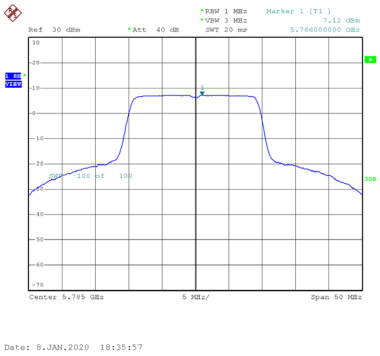
Test Mode	UNII-3_TX AX (HEW20) Mode_Ant. 1

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	6.99	0.16	7.15	27.19	Complies
157	5785	7.12	0.16	7.28	27.19	Complies
165	5825	7.62	0.16	7.78	27.19	Complies

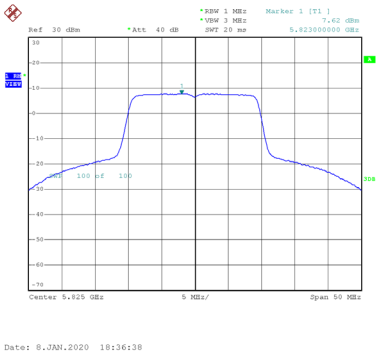
CH149



CH157



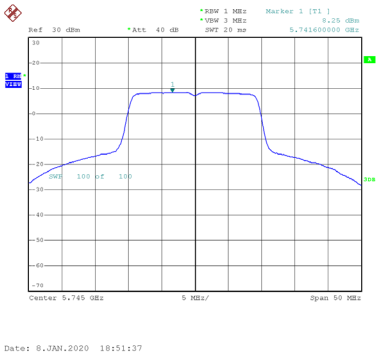
CH165



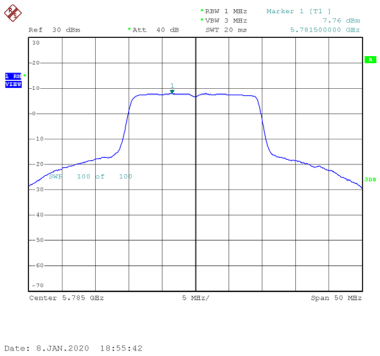
Test Mode	UNII-3_TX AX (HEW20) Mode_Ant. 2

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	8.25	0.16	8.41	27.19	Complies
157	5785	7.76	0.16	7.92	27.19	Complies
165	5825	7.57	0.16	7.73	27.19	Complies

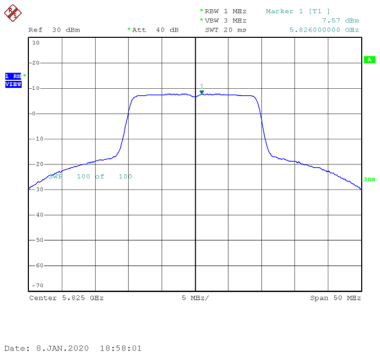
CH149



CH157



CH165



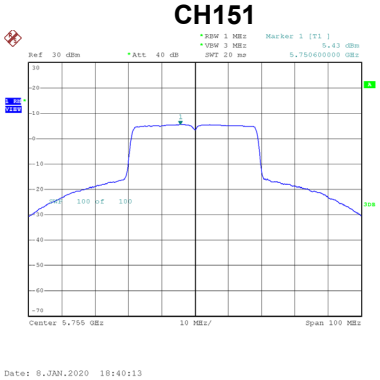
Test Mode	UNII-3_TX AX (HEW20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	10.84	27.19	Complies
157	5785	10.62	27.19	Complies
165	5825	10.77	27.19	Complies

Test Mode	UNII-3_TX AX (HEW40) Mode_Ant. 1

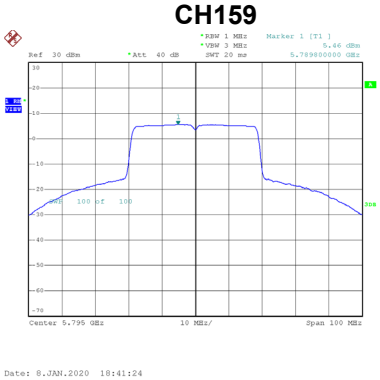
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	5.43	0.34	5.77	27.19	Complies
159	5795	5.46	0.34	5.80	27.19	Complies

CH151



Date: 8.JAN.2020 18:40:13

CH159

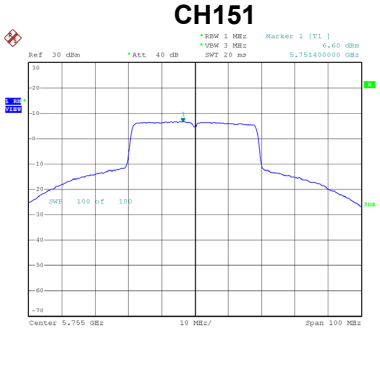


Date: 8.JAN.2020 18:41:24

Test Mode	UNII-3_TX AX (HEW40) Mode_Ant. 2

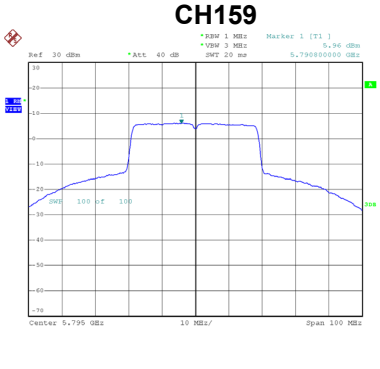
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	6.60	0.34	6.94	27.19	Complies
159	5795	5.96	0.34	6.30	27.19	Complies

CH151



Date: 8.JAN.2020 19:04:49

CH159



Date: 8.JAN.2020 19:07:44

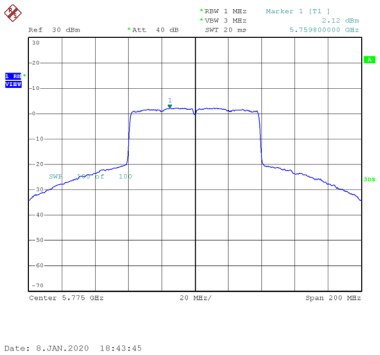
Test Mode	UNII-3_TX AX (HEW40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	9.40	27.19	Complies
159	5795	9.06	27.19	Complies

Test Mode	UNII-3_TX AX (HEW80) 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	2.12	0.59	2.71	27.19	Complies

CH155

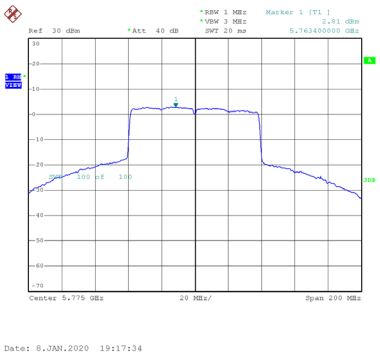


Date: 8.JAN.2020 18:43:45

Test Mode	UNII-3_TX AX (HEW80) 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	2.81	0.59	3.40	27.19	Complies

CH155



Date: 8.JAN.2020 19:17:34

Test Mode	UNII-3_TX AX (HEW80) Mode_Total

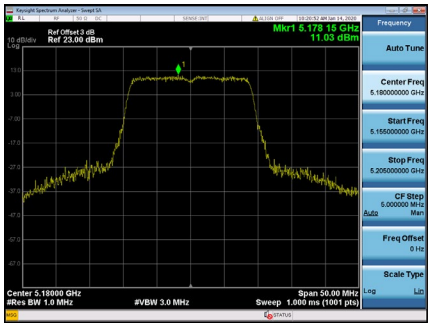
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	6.08	27.19	Complies

Beamforming

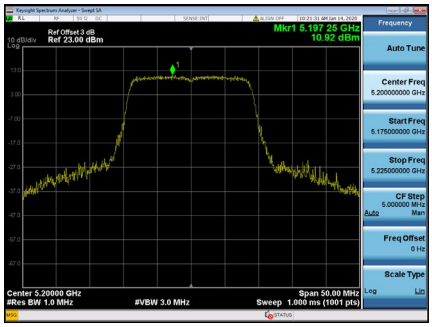
Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	11.03	0.13	11.16	15.63	Complies
40	5200	10.92	0.13	11.05	15.63	Complies
48	5240	11.06	0.13	11.19	15.63	Complies

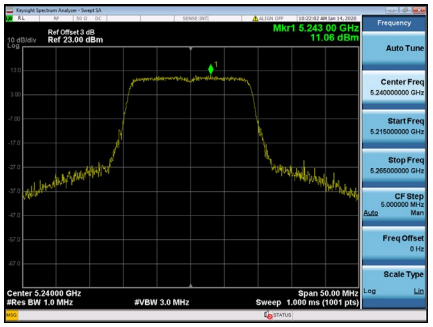
CH36



CH40



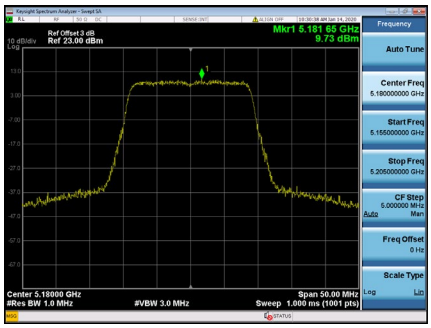
CH48



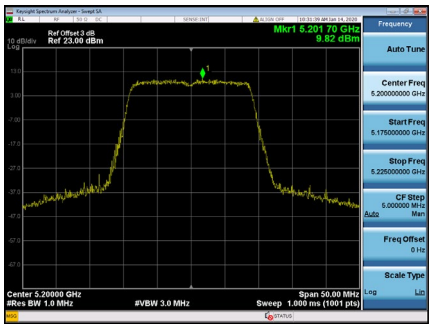
Test Mode	UNII-1_TX AC (VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	9.73	0.13	9.86	15.63	Complies
40	5200	9.82	0.13	9.95	15.63	Complies
48	5240	9.63	0.13	9.76	15.63	Complies

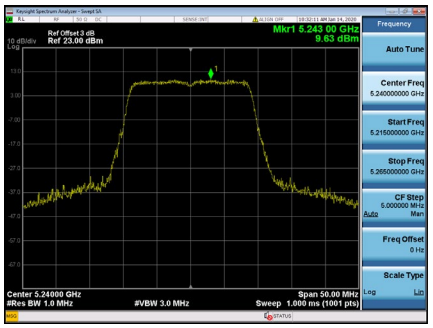
CH36



CH40



CH48



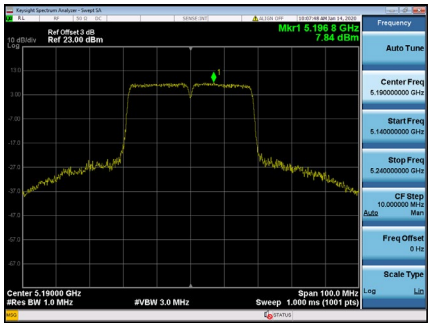
Test Mode	UNII-1_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	13.57	15.63	Complies
40	5200	13.54	15.63	Complies
48	5240	13.54	15.63	Complies

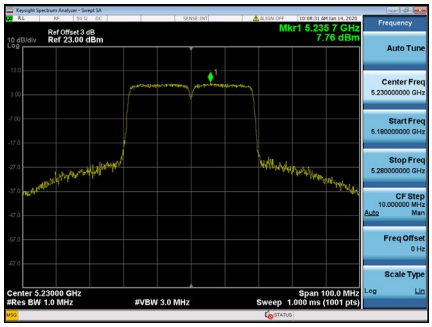
Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	7.84	0.25	8.09	15.63	Complies
46	5230	7.76	0.25	8.01	15.63	Complies

CH38



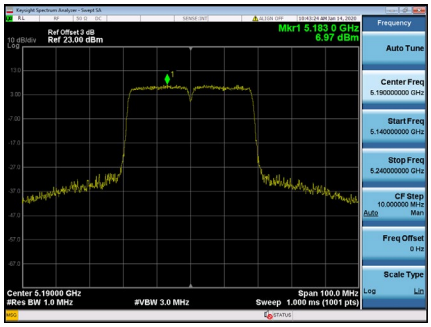
CH46



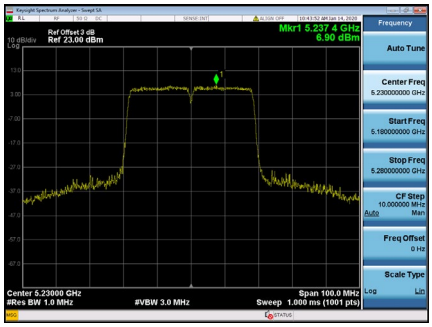
Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	6.97	0.25	7.22	15.63	Complies
46	5230	6.90	0.25	7.15	15.63	Complies

CH38



CH46



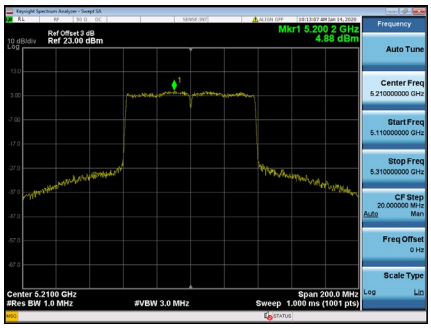
Test Mode	UNII-1_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	10.69	15.63	Complies
46	5230	10.61	15.63	Complies

Test Mode	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	4.88	0.47	5.35	15.63	Complies

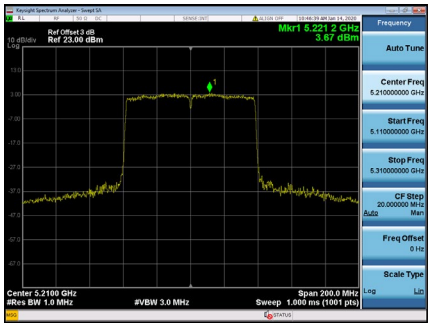
CH42



Test Mode	UNII-1_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
42	5210	3.67	0.47	4.14	15.63	Complies

CH42



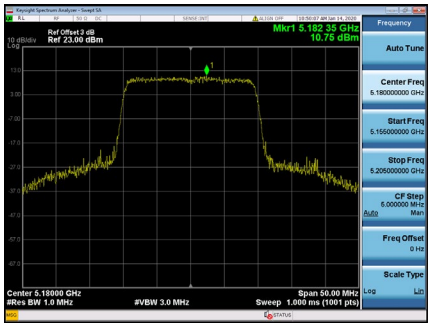
Test Mode	UNII-1_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	7.80	15.63	Complies

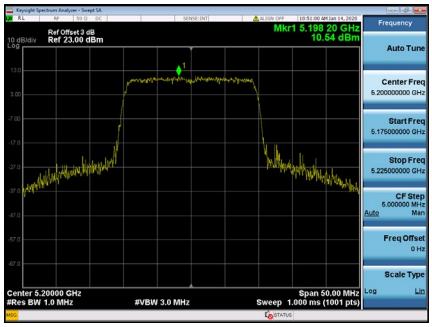
Test Mode	UNII-1_TX AX (HEW20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	10.75	0.16	10.91	15.63	Complies
40	5200	10.54	0.16	10.70	15.63	Complies
48	5240	10.65	0.16	10.81	15.63	Complies

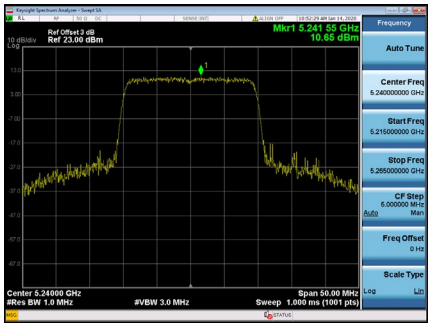
CH36



CH40



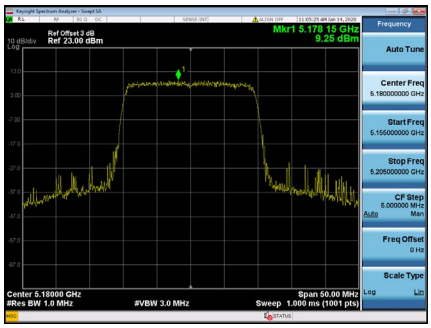
CH48



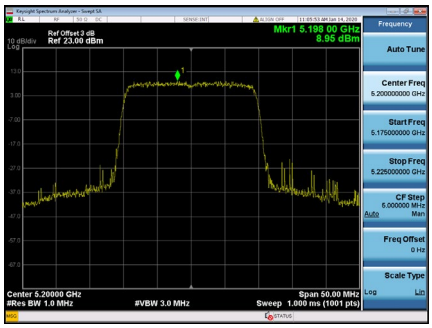
Test Mode	UNII-1_TX AX (HEW20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	9.25	0.16	9.41	15.63	Complies
40	5200	8.95	0.16	9.11	15.63	Complies
48	5240	9.19	0.16	9.35	15.63	Complies

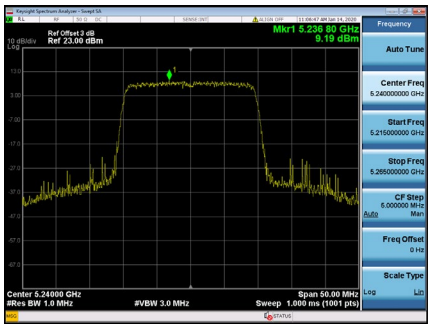
CH36



CH40



CH48



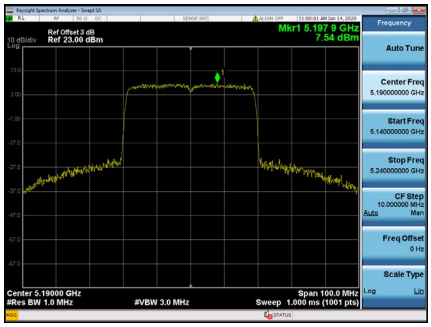
Test Mode	UNII-1_TX AX (HEW20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	13.24	15.63	Complies
40	5200	12.99	15.63	Complies
48	5240	13.15	15.63	Complies

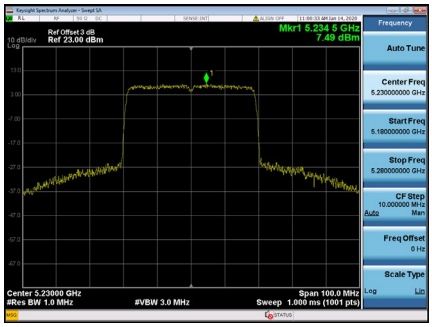
Test Mode	UNII-1_TX AX (HEW40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	7.54	0.34	7.88	15.63	Complies
46	5230	7.49	0.34	7.83	15.63	Complies

CH38



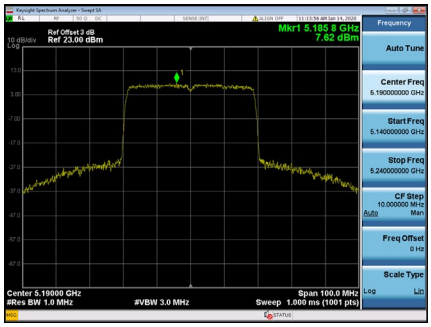
CH46



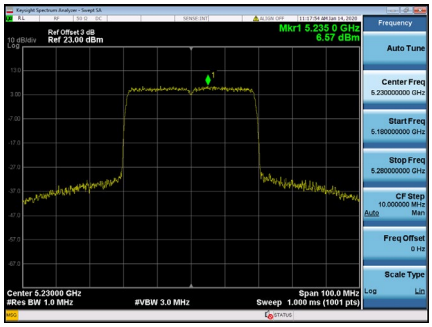
Test Mode	UNII-1_TX AX (HEW40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	7.62	0.34	7.97	15.63	Complies
46	5230	6.57	0.34	6.92	15.63	Complies

CH38



CH46



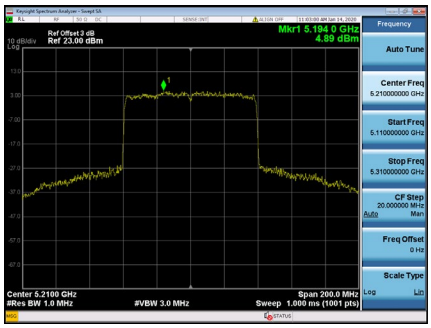
Test Mode	UNII-1_TX AX (HEW40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	10.93	15.63	Complies
46	5230	10.40	15.63	Complies

Test Mode	UNII-1_TX AX (HEW80) 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	4.89	0.59	5.48	15.63	Complies

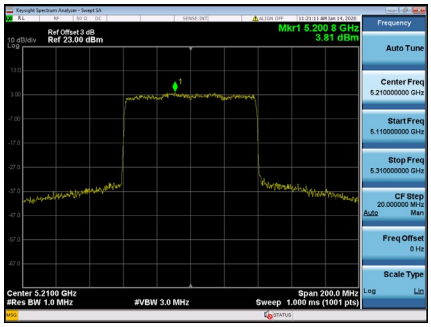
CH42



Test Mode	UNII-1_TX AX (HEW80) 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
42	5210	3.81	0.59	4.40	15.63	Complies

CH42



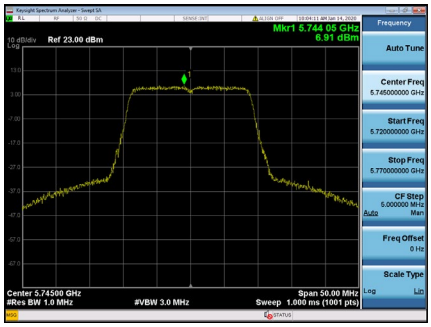
Test Mode	UNII-1_TX AX (HEW80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	7.99	15.63	Complies

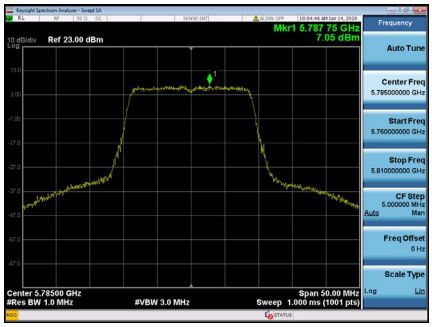
Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 1

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	6.91	0.13	7.04	27.20	Complies
157	5785	7.05	0.13	7.18	27.20	Complies
165	5825	7.36	0.13	7.49	27.20	Complies

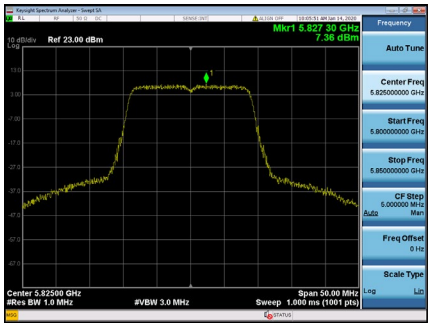
CH149



CH157



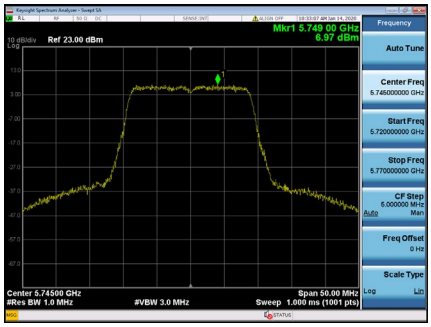
CH165



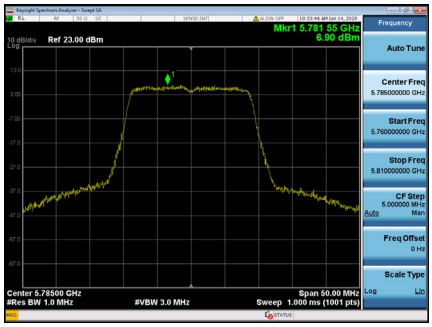
Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 2

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	6.97	0.13	7.10	27.20	Complies
157	5785	6.90	0.13	7.03	27.20	Complies
165	5825	7.69	0.13	7.82	27.20	Complies

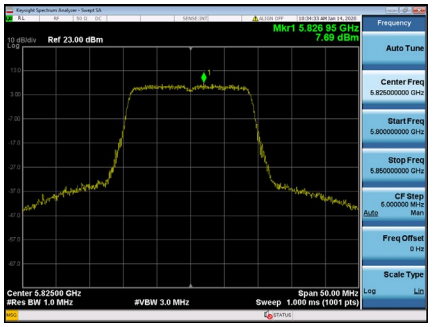
CH149



CH157



CH165



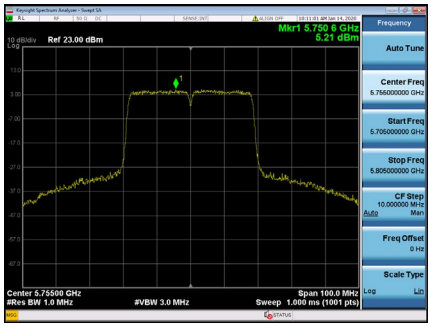
Test Mode	UNII-3_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	10.08	27.20	Complies
157	5785	10.11	27.20	Complies
165	5825	10.67	27.20	Complies

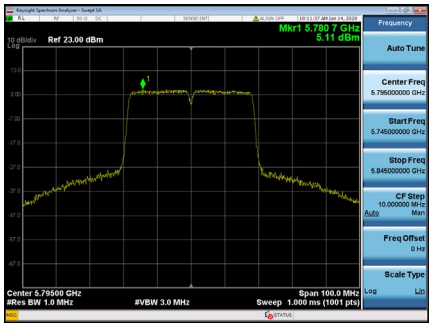
Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1

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	5.21	0.25	5.46	27.20	Complies
159	5795	5.11	0.25	5.36	27.20	Complies

CH151



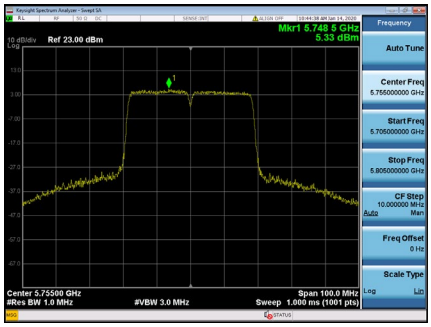
CH159



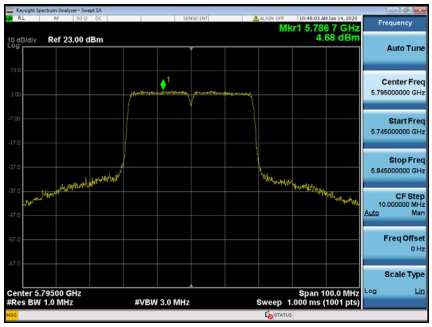
Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2

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	5.33	0.25	5.58	27.20	Complies
159	5795	4.68	0.25	4.93	27.20	Complies

CH151



CH159



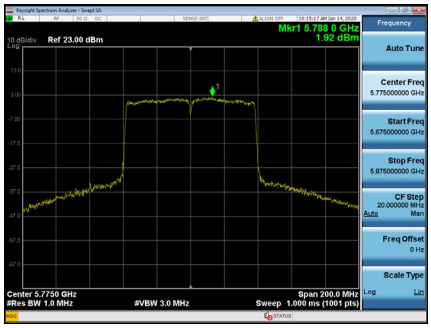
Test Mode	UNII-3_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	8.53	27.20	Complies
159	5795	8.16	27.20	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	1.92	0.47	2.39	27.20	Complies

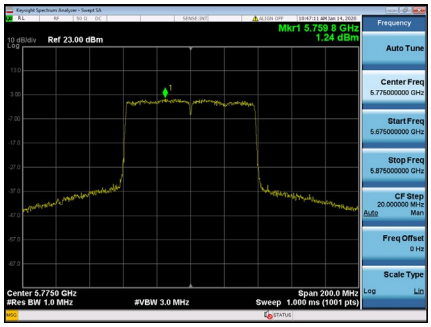
CH155



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	1.24	0.47	1.71	27.20	Complies

CH155



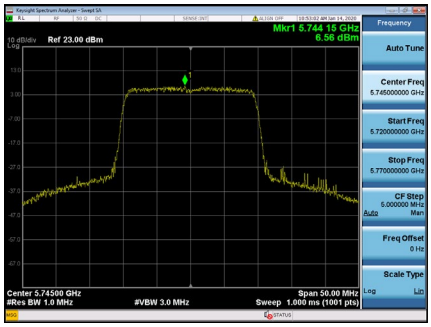
Test Mode	UNII-3_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	5.08	27.20	Complies

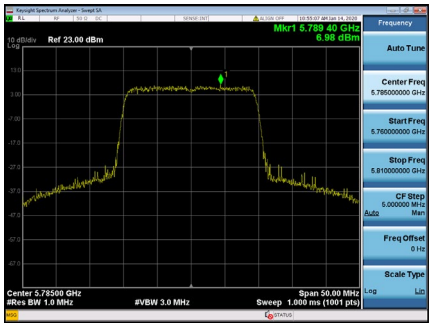
Test Mode	UNII-3_TX AX (HEW20) Mode_Ant. 1

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	6.56	0.16	6.72	27.20	Complies
157	5785	6.98	0.16	7.14	27.20	Complies
165	5825	7.20	0.16	7.36	27.20	Complies

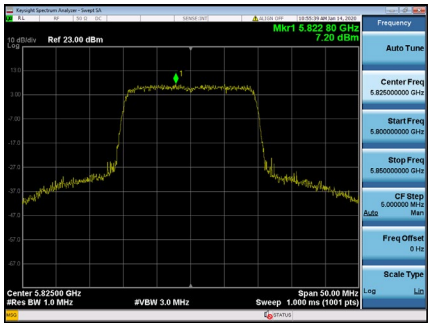
CH149



CH157



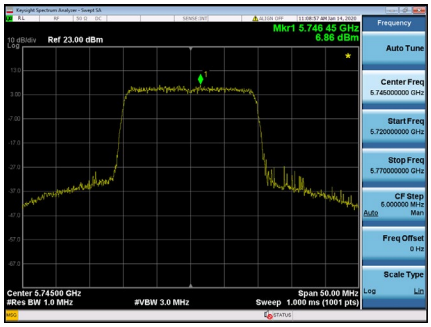
CH165



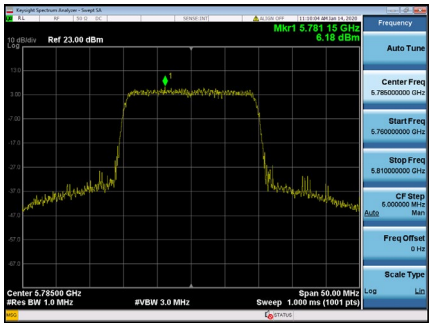
Test Mode	UNII-3_TX AX (HEW20) Mode_Ant. 2

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	6.86	0.16	7.02	27.20	Complies
157	5785	6.18	0.16	6.34	27.20	Complies
165	5825	6.70	0.16	6.86	27.20	Complies

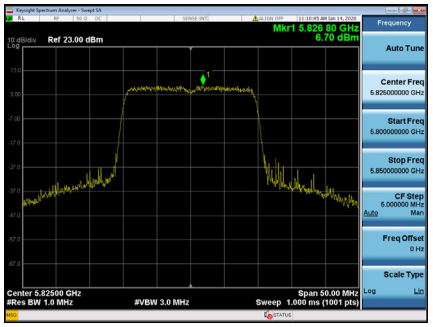
CH149



CH157



CH165



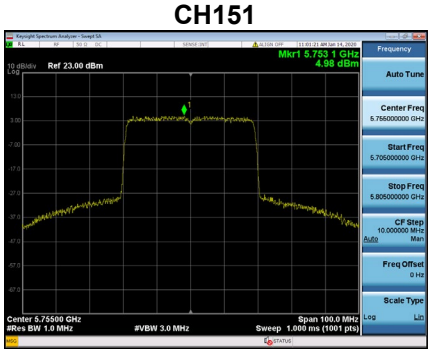
Test Mode	UNII-3_TX AX (HEW20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	9.88	27.20	Complies
157	5785	9.77	27.20	Complies
165	5825	10.13	27.20	Complies

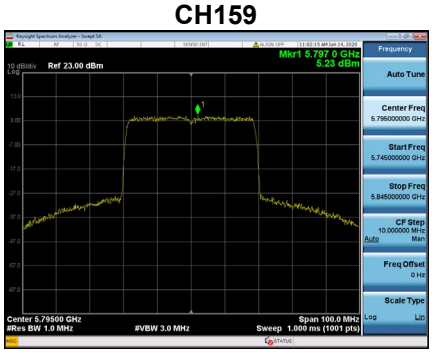
Test Mode	UNII-3_TX AX (HEW40) Mode_Ant. 1

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	4.98	0.34	5.32	27.20	Complies
159	5795	5.23	0.34	5.57	27.20	Complies

CH151



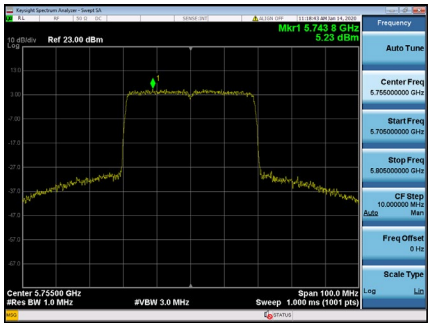
CH159



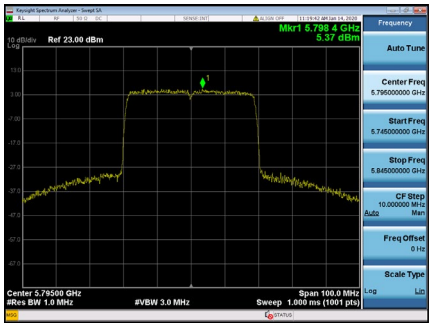
Test Mode	UNII-3_TX AX (HEW40) Mode_Ant. 2

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	5.23	0.34	5.57	27.20	Complies
159	5795	5.37	0.34	5.71	27.20	Complies

CH151



CH159



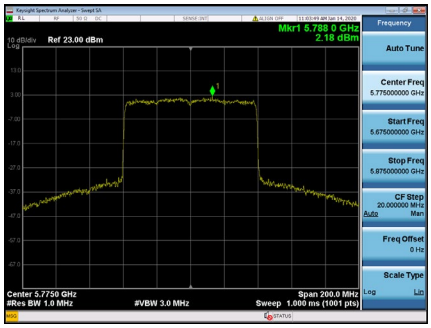
Test Mode	UNII-3_TX AX (HEW40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	8.45	27.20	Complies
159	5795	8.65	27.20	Complies

Test Mode	UNII-3_TX AX (HEW80) 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	2.18	0.59	2.77	27.20	Complies

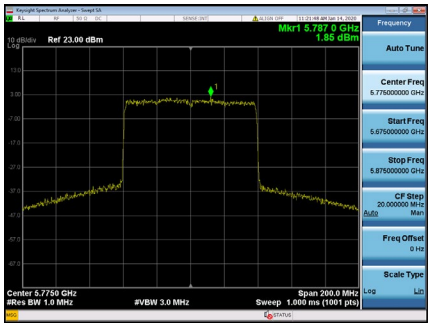
CH155



Test Mode	UNII-3_TX AX (HEW80) 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	1.85	0.59	2.44	27.20	Complies

CH155



Test Mode	UNII-3_TX AX (HEW80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	5.62	27.20	Complies

APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
138	5179.9600
120	5179.9400
102	5179.9400
Maximum Deviation (MHz)	0.0600
Maximum Deviation (ppm)	11.5854

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5179.9350
10	5179.9400
20	5179.9400
30	5179.9400
40	5179.9400
Maximum Deviation (MHz)	0.0650
Maximum Deviation (ppm)	12.5483

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
138	5744.9350
120	5744.9400
102	5744.9400
Maximum Deviation (MHz)	0.0650
Maximum Deviation (ppm)	11.3120

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5744.9400
10	5744.9199
20	5744.9350
30	5744.9350
40	5744.9350
Maximum Deviation (MHz)	0.0801
Maximum Deviation (ppm)	13.9447

End of Test Report