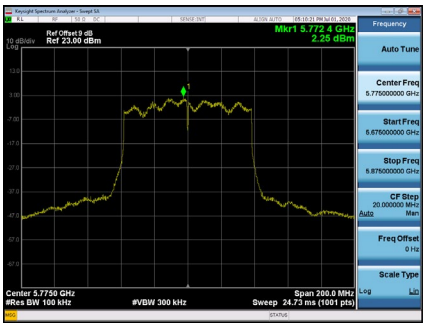
Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 3

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	30.00	Complies

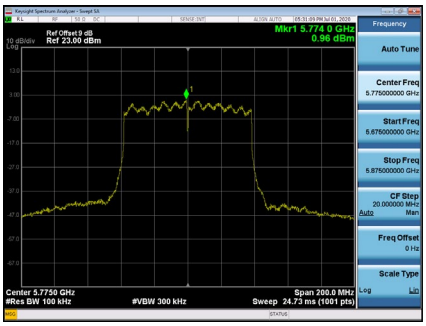
CH155



Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 4

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	0.96	0.47	1.43	30.00	Complies

CH155



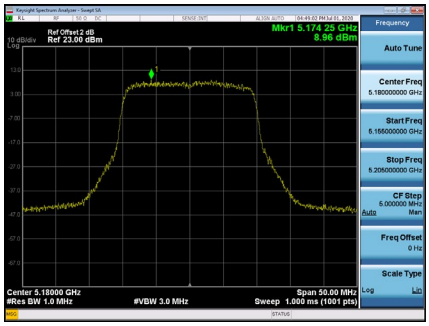
Test Mode	UNII-3_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	7.64	29.09	Complies

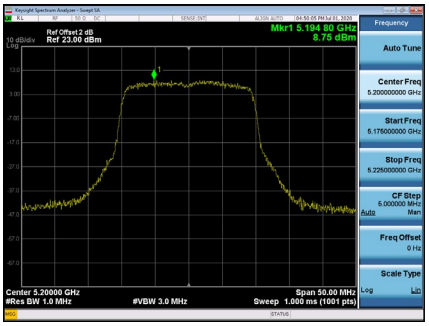
Test Mode	UNII-1_TX AX (HEW20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	8.96	0.19	9.15	17.00	Complies
40	5200	8.75	0.19	8.94	17.00	Complies
48	5240	9.69	0.19	9.88	17.00	Complies

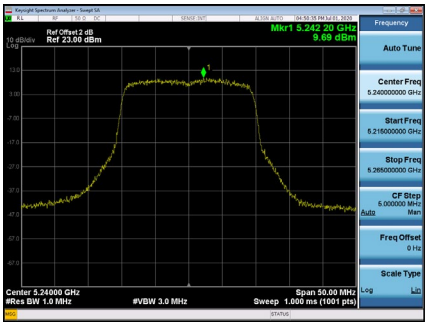
CH36



CH40



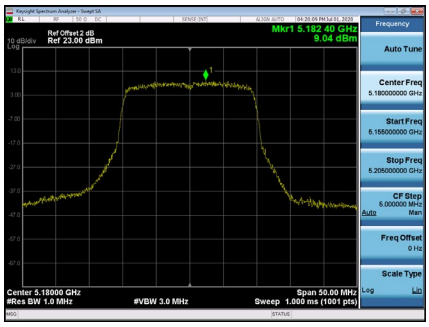
CH48



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	9.04	0.19	9.23	17.00	Complies
40	5200	9.42	0.19	9.61	17.00	Complies
48	5240	9.31	0.19	9.50	17.00	Complies

CH36



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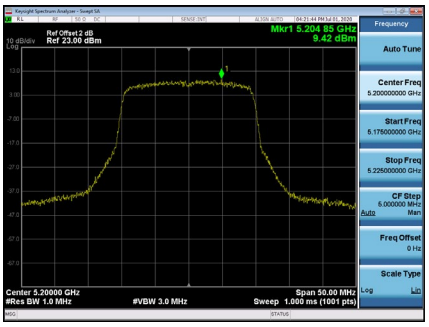
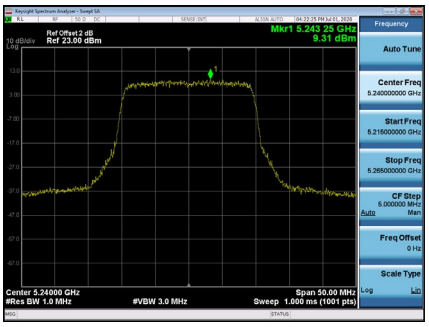


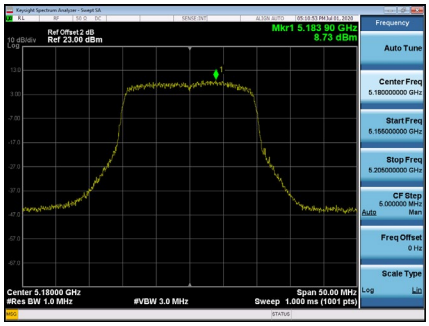
CH48



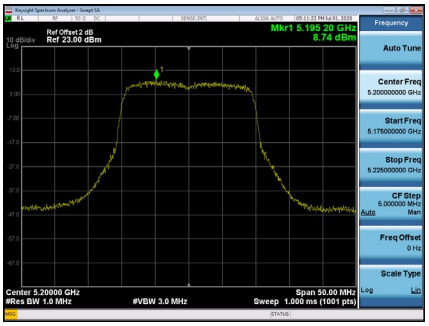
Test Mode	UNII-1_TX AX (HEW20) Mode_Ant. 3

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	8.73	0.19	8.92	17.00	Complies
40	5200	8.74	0.19	8.93	17.00	Complies
48	5240	9.05	0.19	9.24	17.00	Complies

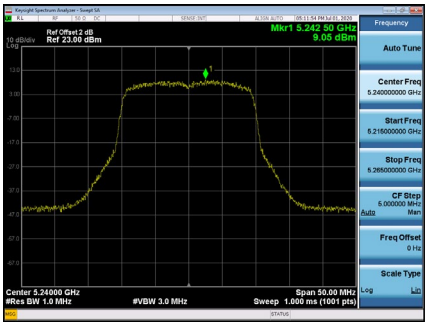
CH36



CH40



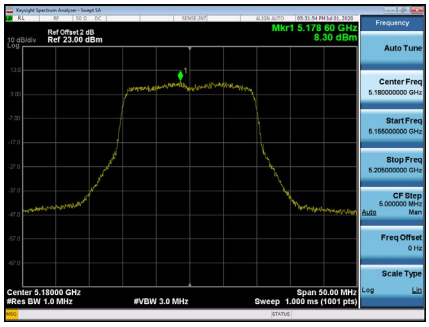
CH48



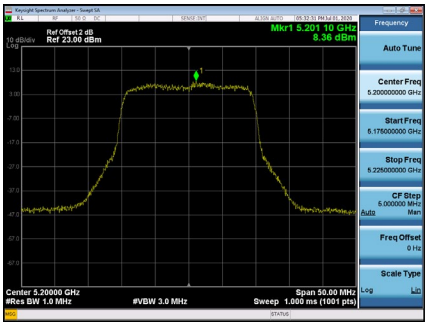
Test Mode	UNII-1_TX AX (HEW20) Mode_Ant. 4

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	8.30	0.19	8.49	17.00	Complies
40	5200	8.36	0.19	8.55	17.00	Complies
48	5240	8.19	0.19	8.38	17.00	Complies

CH36



CH40



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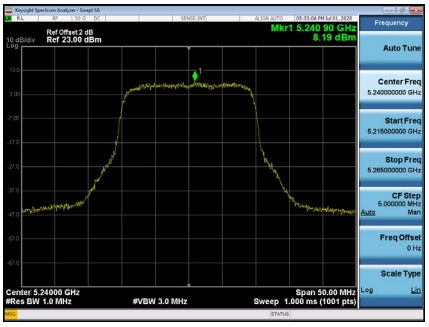


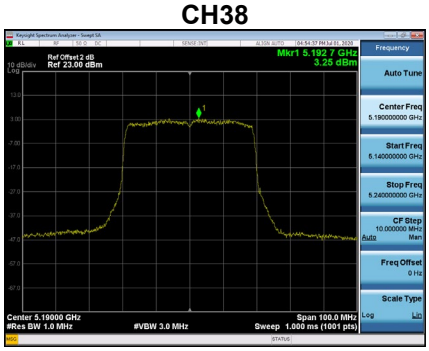
Test Mode	UNII-1_TX AX (HEW20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	14.97	16.09	Complies
40	5200	15.04	16.09	Complies
48	5240	15.30	16.09	Complies

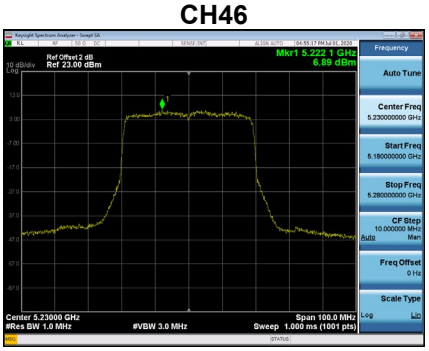
Test Mode	UNII-1_TX AX (HEW40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	3.25	0.25	3.50	17.00	Complies
46	5230	6.89	0.25	6.59	17.00	Complies

CH38



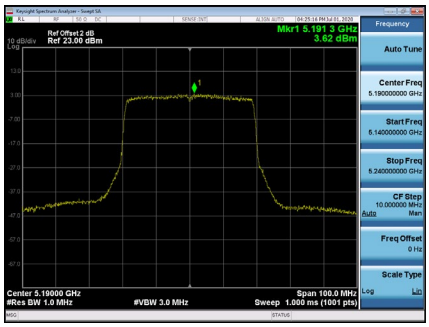
CH46



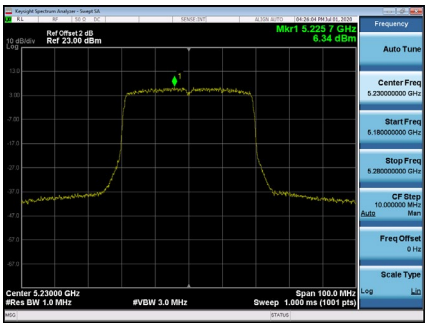
Test Mode	UNII-1_TX AX (HEW40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	3.62	0.25	3.87	17.00	Complies
46	5230	6.34	0.25	6.59	17.00	Complies

CH38



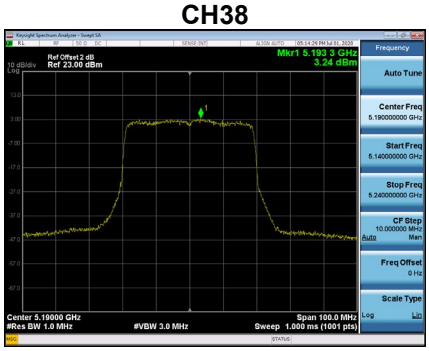
CH46



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

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	3.24	0.25	3.49	17.00	Complies
46	5230	5.92	0.25	6.17	17.00	Complies

CH38



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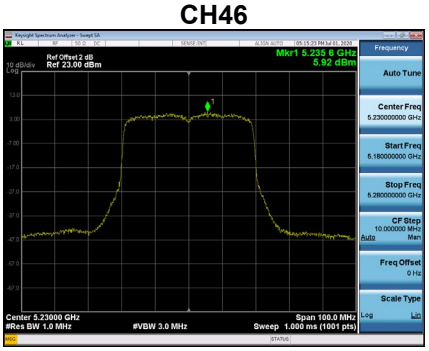
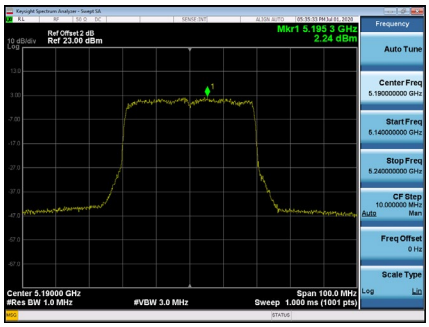


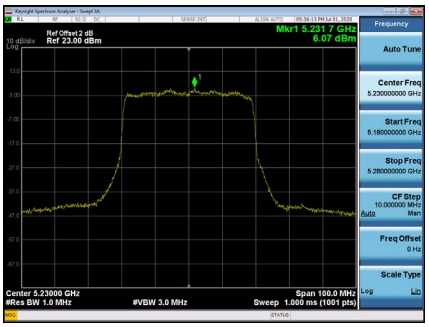
Test Mode	UNII-1_TX AX (HEW40) Mode_Ant. 4

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	2.24	0.25	2.49	17.00	Complies
46	5230	6.07	0.25	6.32	17.00	Complies

CH38



CH46



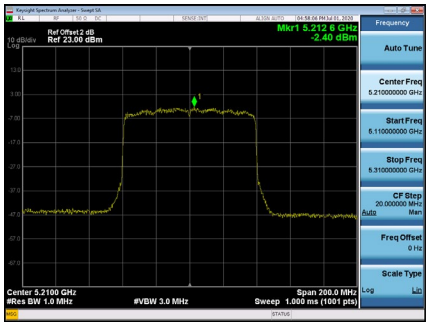
Test Mode	UNII-1_TX AX (HEW40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	9.38	16.09	Complies
46	5230	12.59	16.09	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	-2.40	0.20	-2.20	17.00	Complies

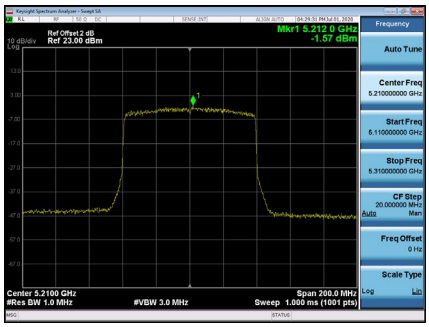
CH42



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	-1.57	0.20	-1.37	17.00	Complies

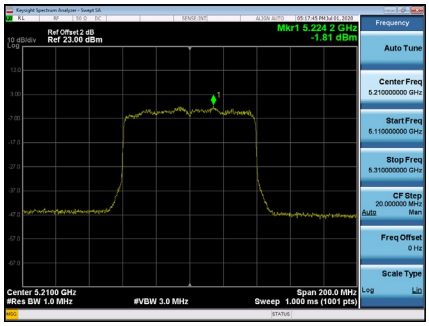
CH42



Test Mode	UNII-1_TX AX (HEW80) Mode_Ant. 3

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-1.81	0.20	-1.61	17.00	Complies

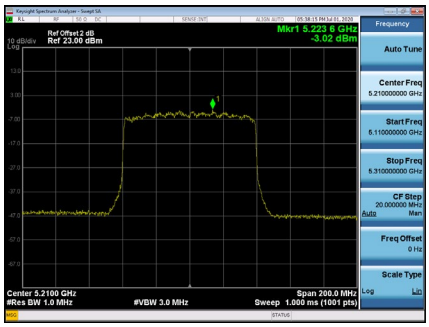
CH42



Test Mode	UNII-1_TX AX (HEW80) Mode_Ant. 4

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-3.02	0.20	-2.82	17.00	Complies

CH42



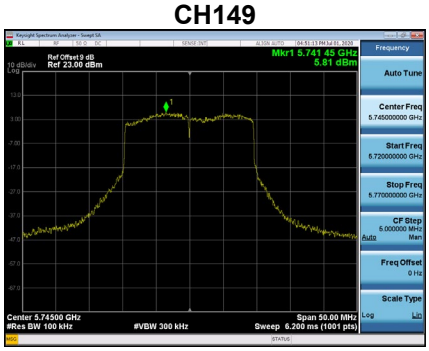
Test Mode	UNII-1_TX AX (HEW80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	4.05	16.09	Complies

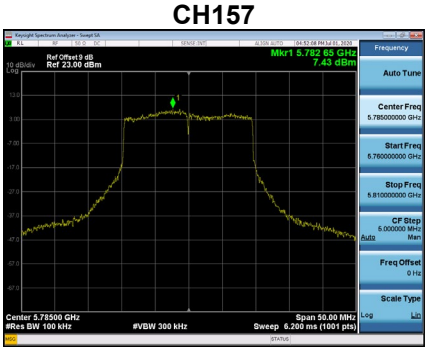
Test Mode	UNII-3_TX AX (HEW20) Mode_Ant. 1

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	5.81	0.19	6.00	30.00	Complies
157	5785	7.43	0.19	7.62	30.00	Complies
165	5825	5.72	0.19	5.91	30.00	Complies

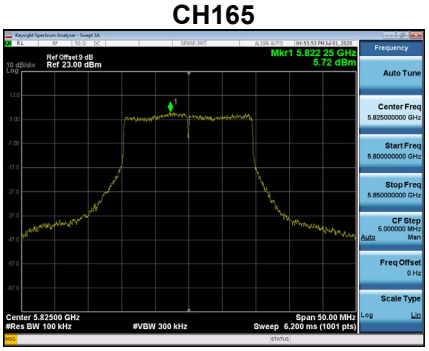
CH149



CH157



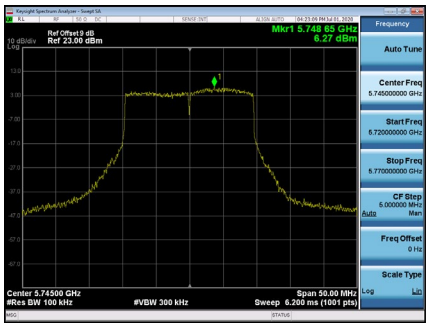
CH165



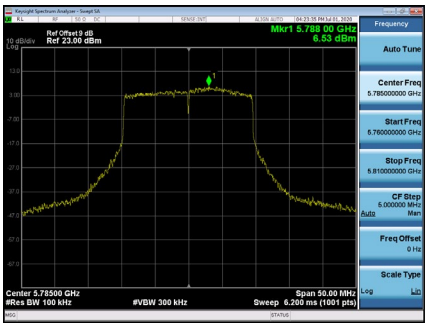
Test Mode	UNII-3_TX AX (HEW20) Mode_Ant. 2

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	6.27	0.19	6.46	30.00	Complies
157	5785	6.53	0.19	6.72	30.00	Complies
165	5825	5.81	0.19	6.00	30.00	Complies

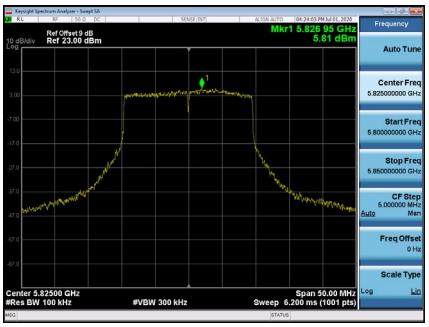
CH149



CH157



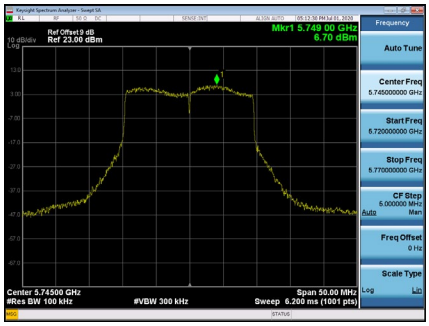
CH165



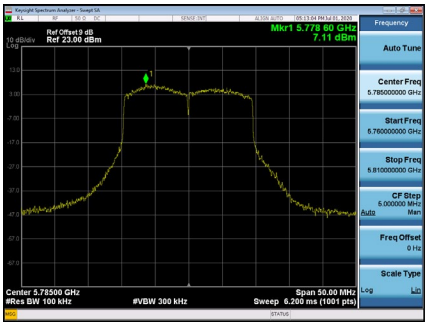
Test Mode	UNII-3_TX AX (HEW20) Mode_Ant. 3

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	6.70	0.19	6.89	30.00	Complies
157	5785	7.11	0.19	7.30	30.00	Complies
165	5825	5.54	0.19	5.73	30.00	Complies

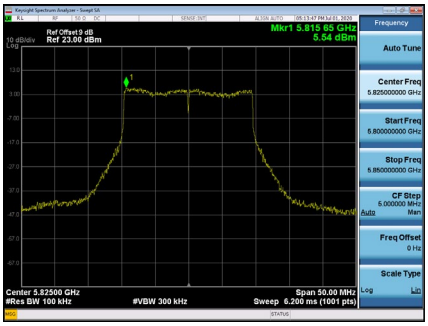
CH149



CH157



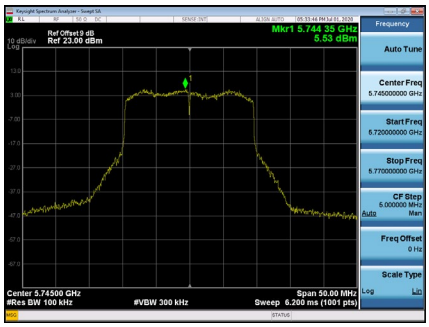
CH165



Test Mode	UNII-3_TX AX (HEW20) Mode_Ant. 4

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	5.53	0.19	5.72	30.00	Complies
157	5785	6.02	0.19	6.21	30.00	Complies
165	5825	5.61	0.19	5.80	30.00	Complies

CH149



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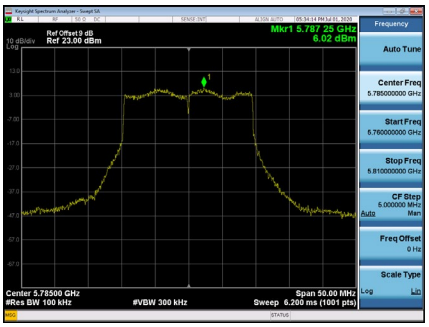

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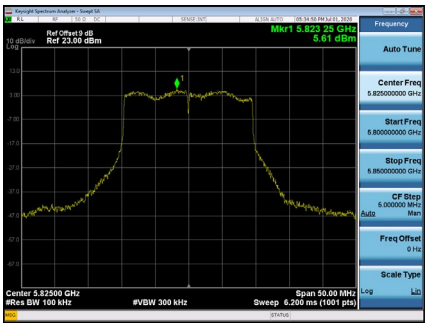


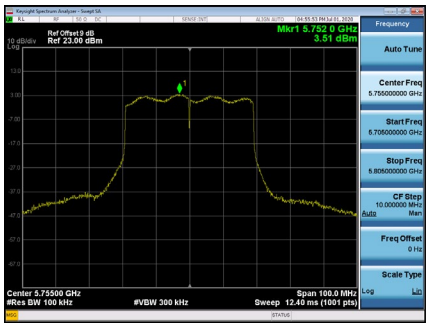
Test Mode	UNII-3_TX AX (HEW20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	12.31	29.09	Complies
157	5785	13.01	29.09	Complies
165	5825	11.88	29.09	Complies

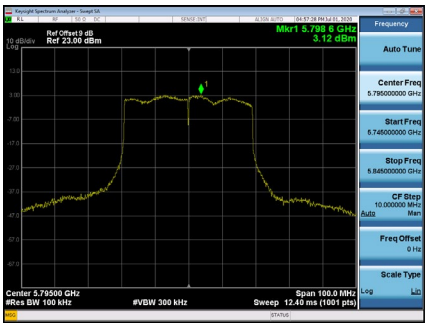
Test Mode	UNII-3_TX AX (HEW40) Mode_Ant. 1

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	3.51	0.25	3.76	30.00	Complies
159	5795	3.12	0.25	3.37	30.00	Complies

CH151



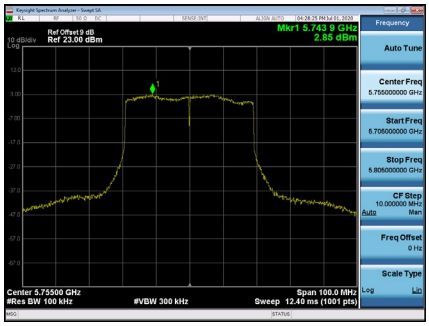
CH159



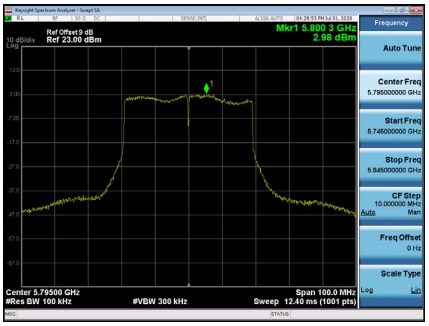
Test Mode	UNII-3_TX AX (HEW40) Mode_Ant. 2

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	2.85	0.25	3.10	30.00	Complies
159	5795	2.98	0.25	3.23	30.00	Complies

CH151



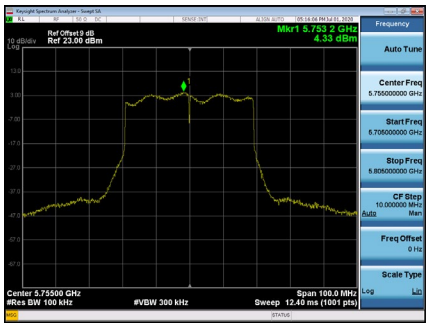
CH159



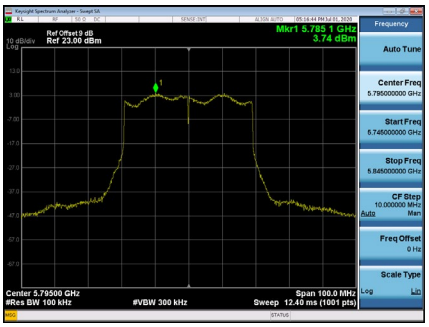
Test Mode	UNII-3_TX AX (HEW40) Mode_Ant. 3

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	4.33	0.25	4.58	30.00	Complies
159	5795	3.74	0.25	3.99	30.00	Complies

CH151



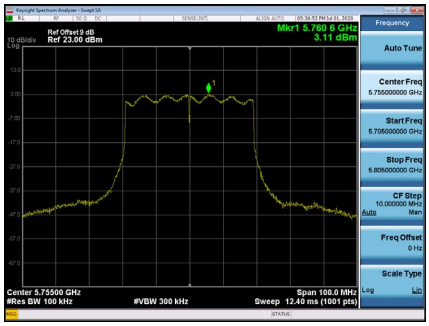
CH159



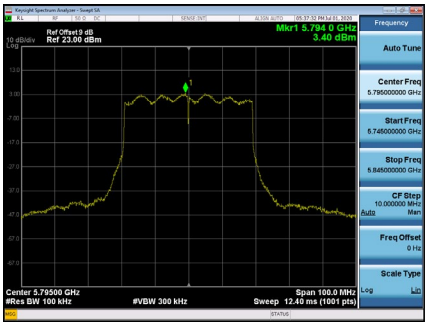
Test Mode	UNII-3_TX AX (HEW40) Mode_Ant. 4

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	3.11	0.25	3.36	30.00	Complies
159	5795	3.40	0.25	3.65	30.00	Complies

CH151



CH159



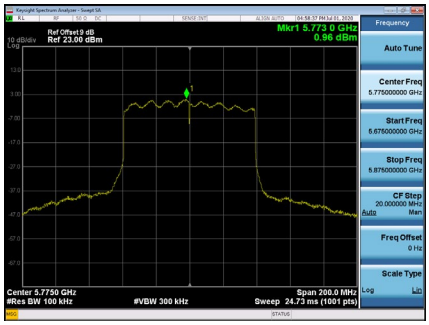
Test Mode	UNII-3_TX AX (HEW40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	9.75	29.09	Complies
159	5795	9.59	29.09	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	0.96	0.20	1.16	30.00	Complies

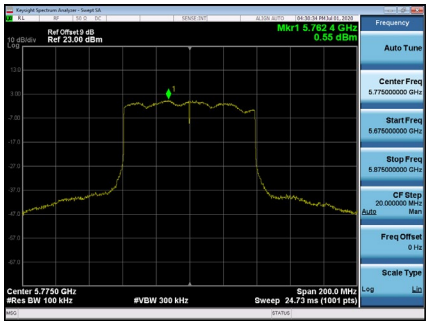
CH155



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	0.55	0.20	0.75	30.00	Complies

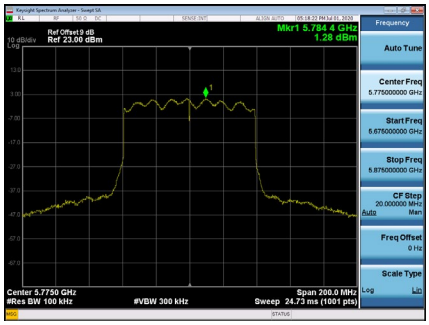
CH155



Test Mode	UNII-3_TX AX (HEW80) Mode_Ant. 3

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	1.28	0.20	1.48	30.00	Complies

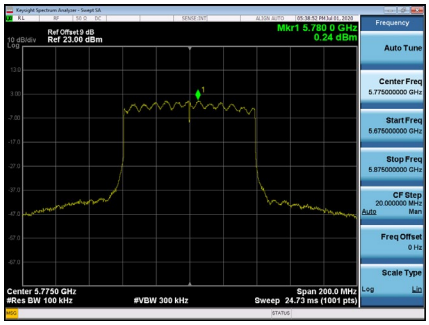
CH155



Test Mode	UNII-3_TX AX (HEW80) Mode_Ant. 4

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	0.24	0.20	0.44	30.00	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	6.99	29.09	Complies

APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
138	5179.9652
120	5179.9664
102	5179.9664
Maximum Deviation (MHz)	0.0348
Maximum Deviation (ppm)	6.7181

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5179.9668
10	5179.9664
20	5179.9652
30	5179.9668
40	5179.9668
Maximum Deviation (MHz)	0.0348
Maximum Deviation (ppm)	6.7181

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
138	5744.9364
120	5744.9368
102	5744.9368
Maximum Deviation (MHz)	0.0636
Maximum Deviation (ppm)	11.0705

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5744.9372
10	5744.9376
20	5744.9372
30	5744.9376
40	5744.9376
Maximum Deviation (MHz)	0.0628
Maximum Deviation (ppm)	10.9312

End of Test Report