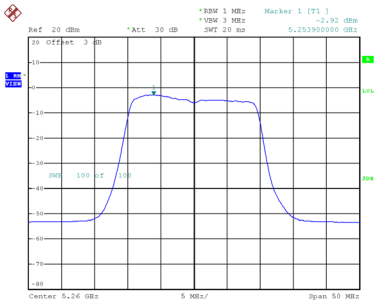
Test Mode	UNII-2A_TX AX (HEW20) Mode_Ant. 3

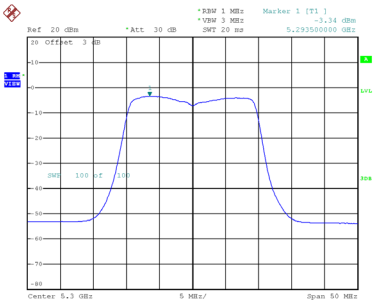
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	-2.92	0.22	-2.70	11.00	Complies
60	5300	-3.34	0.22	-3.12	11.00	Complies
64	5320	-3.54	0.22	-3.32	11.00	Complies

CH52



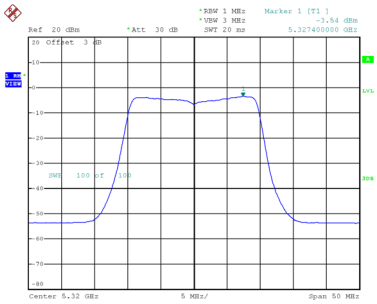
Date: 30.JUN.2020 11:31:08

CH60



Date: 30.JUN.2020 11:34:03

CH64

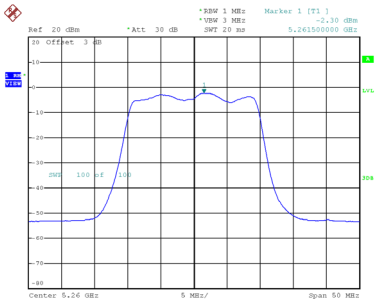


Date: 30.JUN.2020 11:36:26

Test Mode	UNII-2A_TX AX (HEW20) Mode_Ant. 4

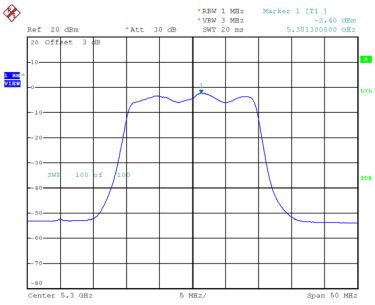
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	-2.30	0.22	-2.08	11.00	Complies
60	5300	-2.40	0.22	-2.18	11.00	Complies
64	5320	-2.49	0.22	-2.27	11.00	Complies

CH52



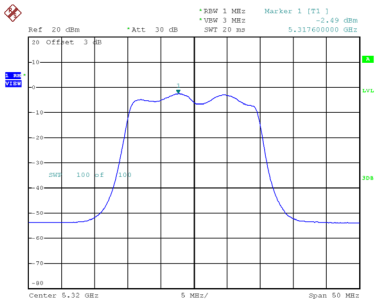
Date: 30.JUN.2020 11:30:47

CH60



Date: 30.JUN.2020 11:33:40

CH64



Date: 30.JUN.2020 11:36:03

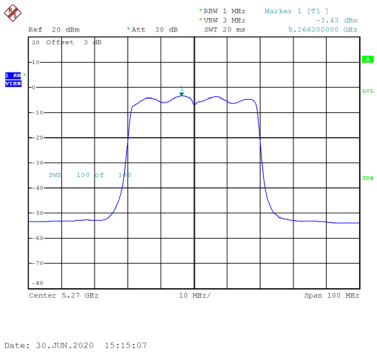
Test Mode	UNII-2A_TX AX (HEW20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	3.13	4.32	Complies
60	5300	3.17	4.32	Complies
64	5320	2.90	4.32	Complies

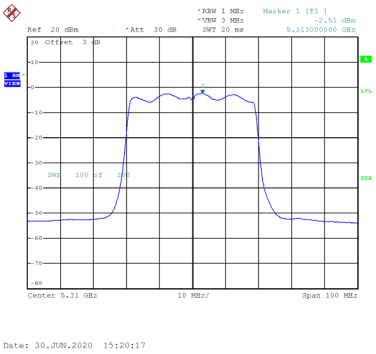
Test Mode	UNII-2A_TX AX (HEW40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-3.43	0.39	-3.04	11.00	Complies
62	5310	-2.51	0.39	-2.12	11.00	Complies

CH54



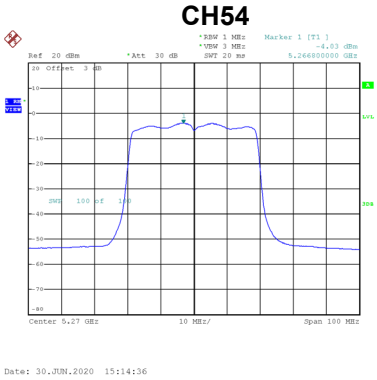
CH62



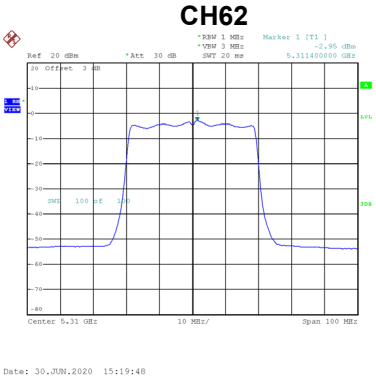
Test Mode	UNII-2A_TX AX (HEW40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-4.03	0.39	-3.64	11.00	Complies
62	5310	-2.95	0.39	-2.56	11.00	Complies

CH54



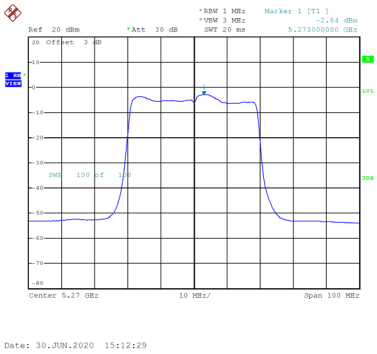
CH62



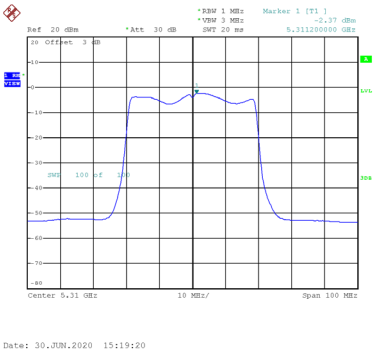
Test Mode	UNII-2A_TX AX (HEW40) Mode_Ant. 3

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-2.84	0.39	-2.45	11.00	Complies
62	5310	-2.37	0.39	-1.98	11.00	Complies

CH54



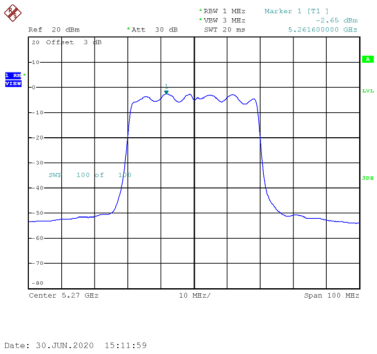
CH62



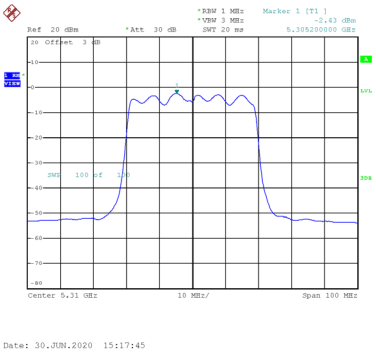
Test Mode	UNII-2A_TX AX (HEW40) Mode_Ant. 4

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-2.65	0.39	-2.26	11.00	Complies
62	5310	-2.43	0.39	-2.04	11.00	Complies

CH54



CH62



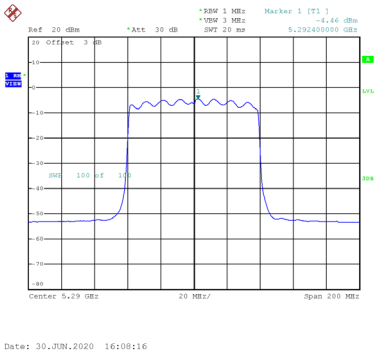
Test Mode	UNII-2A_TX AX (HEW40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	3.06	4.32	Complies
62	5310	3.71	4.32	Complies

Test Mode	UNII-2A_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
58	5290	-4.46	0.34	-4.12	11.00	Complies

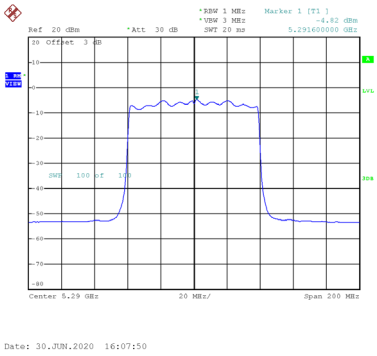
CH58



Test Mode	UNII-2A_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
58	5290	-4.82	0.34	-4.48	11.00	Complies

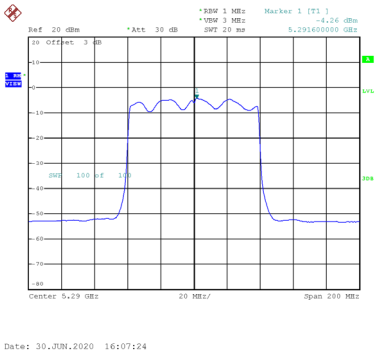
CH58



Test Mode	UNII-2A_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
58	5290	-4.26	0.34	-3.92	11.00	Complies

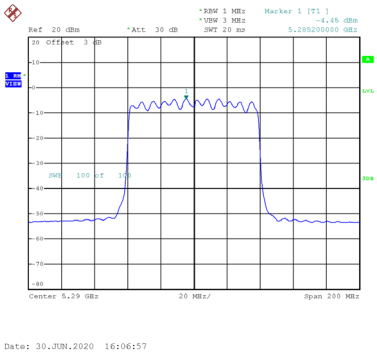
CH58



Test Mode	UNII-2A_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
58	5290	-4.45	0.34	-4.11	11.00	Complies

CH58



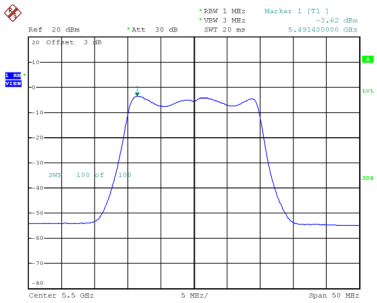
Test Mode	UNII-2A_TX AX (HEW80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	1.74	4.32	Complies

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

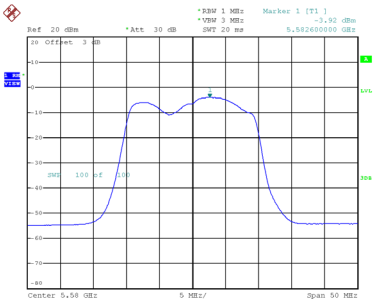
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	-3.62	0.22	-3.40	11.00	Complies
116	5580	-3.92	0.22	-3.70	11.00	Complies
140	5700	-3.80	0.22	-3.58	11.00	Complies

CH100



Date: 30.JUN.2020 13:41:57

CH116



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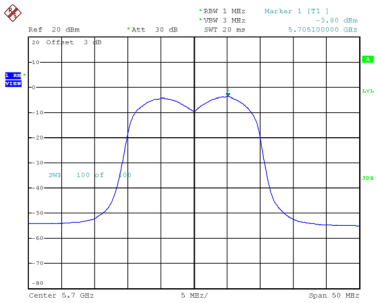
CH140

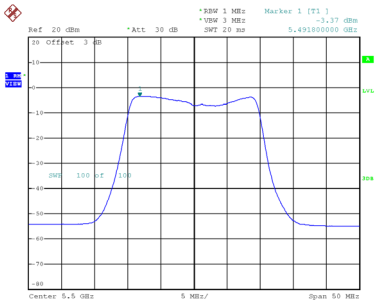


Date: 30.JUN.2020 13:52:49

Test Mode	UNII-2C_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
100	5500	-3.37	0.22	-3.15	11.00	Complies
116	5580	-3.84	0.22	-3.62	11.00	Complies
140	5700	-2.47	0.22	-2.25	11.00	Complies

CH100



Date: 30.JUN.2020 13:41:31

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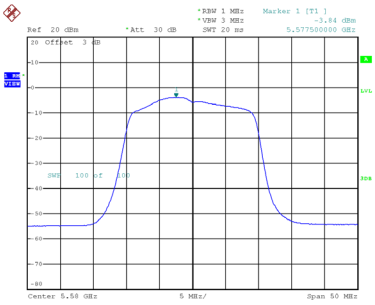

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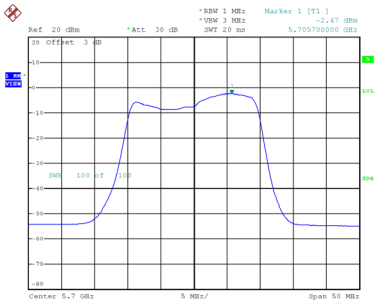
CH140

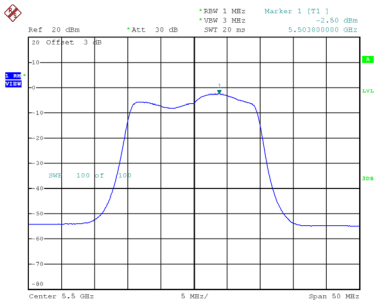


Date: 30.JUN.2020 13:52:15

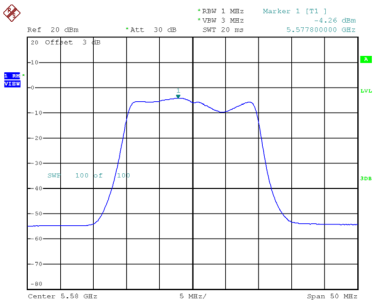
Test Mode	UNII-2C_TX AX (HEW20) Mode_Ant. 3

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	-2.50	0.22	-2.28	11.00	Complies
116	5580	-4.26	0.22	-4.04	11.00	Complies
140	5700	-2.85	0.22	-2.63	11.00	Complies

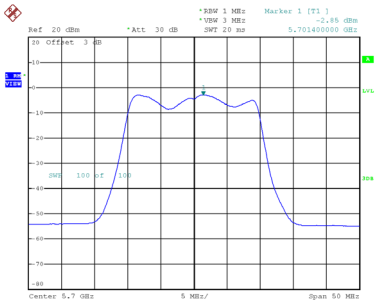
CH100



CH116



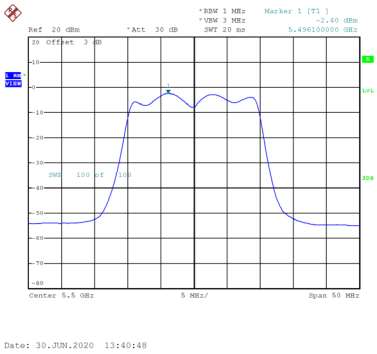
CH140



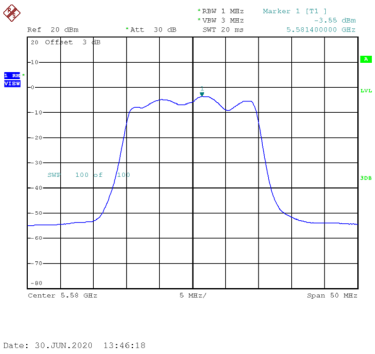
Test Mode	UNII-2C_TX AX (HEW20) Mode_Ant. 4

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	-2.40	0.22	-2.18	11.00	Complies
116	5580	-3.55	0.22	-3.33	11.00	Complies
140	5700	-2.27	0.22	-2.05	11.00	Complies

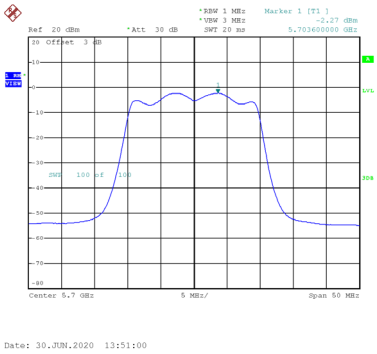
CH100



CH116



CH140



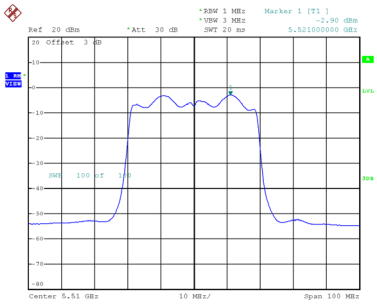
Test Mode	UNII-2C_TX AX (HEW20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	3.27	4.49	Complies
116	5580	2.32	4.49	Complies
140	5700	3.40	4.49	Complies

Test Mode	UNII-2C_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
102	5510	-2.90	0.39	-2.51	11.00	Complies
110	5550	-2.97	0.39	-2.58	11.00	Complies
134	5670	-4.32	0.39	-3.93	11.00	Complies

CH102



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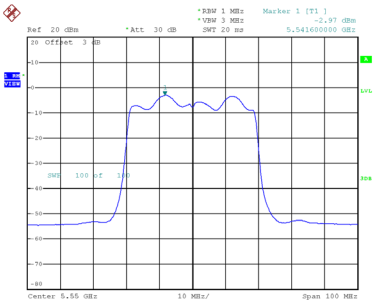
CH110



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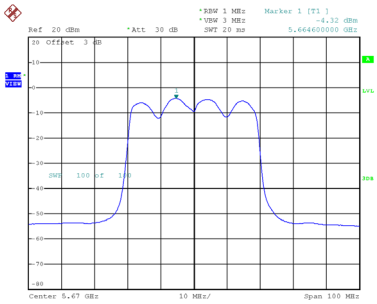
CH134

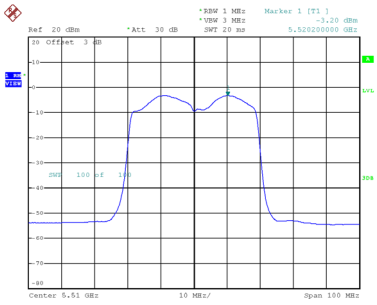


Date: 30.JUN.2020 15:35:43

Test Mode	UNII-2C_TX AX (HEW40) Mode_Ant. 2

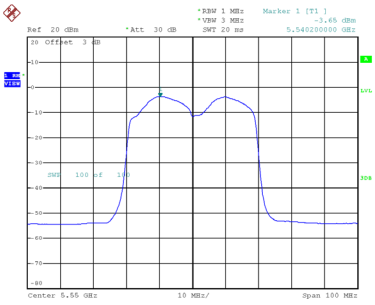
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-3.20	0.39	-2.81	11.00	Complies
110	5550	-3.65	0.39	-3.26	11.00	Complies
134	5670	-4.01	0.39	-3.62	11.00	Complies

CH102



Date: 30.JUN.2020 15:22:49

CH110



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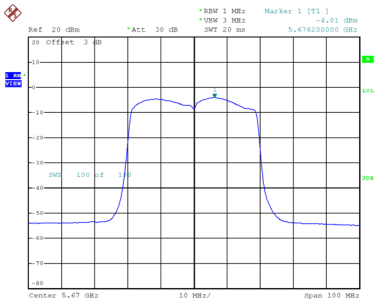
CH134

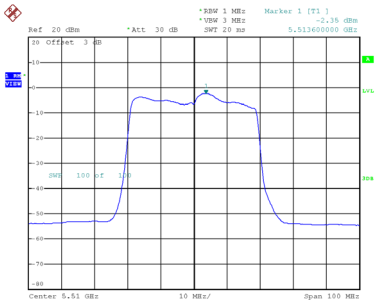


Date: 30.JUN.2020 15:35:19

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

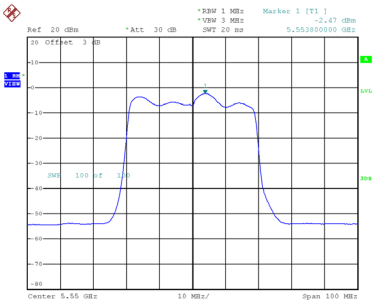
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-2.35	0.39	-1.96	11.00	Complies
110	5550	-2.47	0.39	-2.08	11.00	Complies
134	5670	-3.61	0.39	-3.22	11.00	Complies

CH102



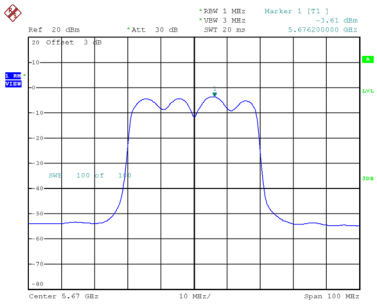
Date: 30.JUN.2020 15:22:21

CH110



Date: 30.JUN.2020 15:29:03

CH134

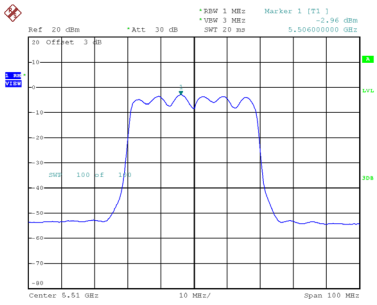


Date: 30.JUN.2020 15:34:53

Test Mode	UNII-2C_TX AX (HEW40) Mode_Ant. 4

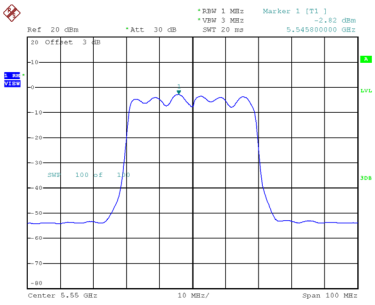
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-2.96	0.39	-2.57	11.00	Complies
110	5550	-2.82	0.39	-2.43	11.00	Complies
134	5670	-2.62	0.39	-2.23	11.00	Complies

CH102



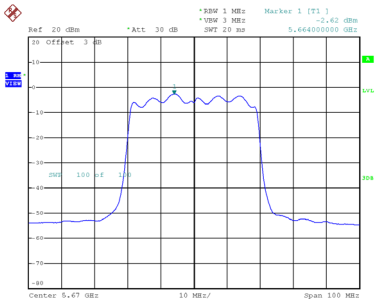
Date: 30.JUN.2020 15:21:55

CH110



Date: 30.JUN.2020 15:28:37

CH134



Date: 30.JUN.2020 15:34:23

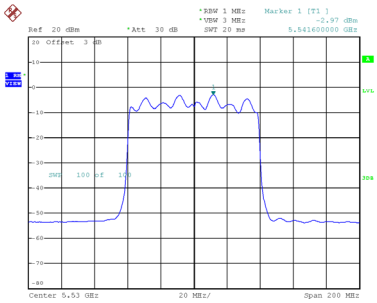
Test Mode	UNII-2C_TX AX (HEW40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	3.43	4.49	Complies
110	5550	3.31	4.49	Complies
134	5670	2.68	4.49	Complies

Test Mode	UNII-2C_TX AX (HEW80) Mode_Ant. 1

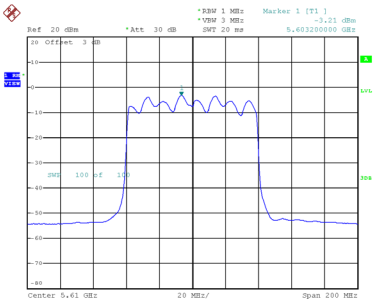
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-2.97	0.34	-2.63	11.00	Complies
122	5610	-3.21	0.34	-2.87	11.00	Complies

CH106



Date: 30.JUN.2020 16:11:52

CH122

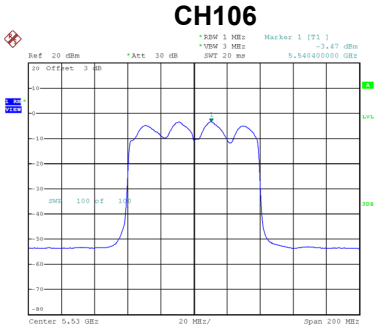


Date: 30.JUN.2020 16:14:44

Test Mode	UNII-2C_TX AX (HEW80) Mode_Ant. 2

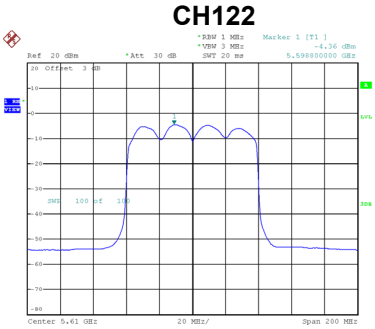
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-3.47	0.34	-3.13	11.00	Complies
122	5610	-4.36	0.34	-4.02	11.00	Complies

CH106



Date: 30.JUN.2020 16:10:22

CH122

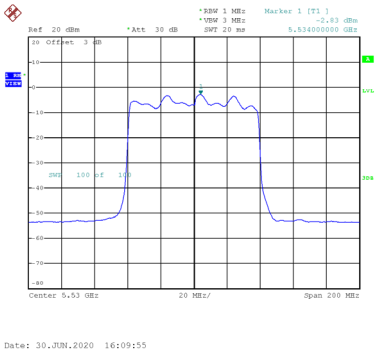


Date: 30.JUN.2020 16:14:11

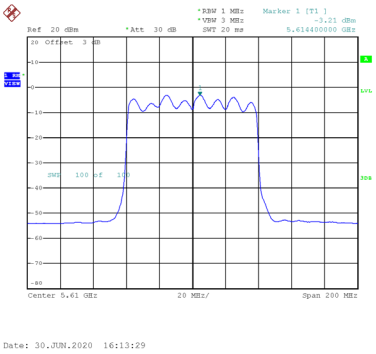
Test Mode	UNII-2C_TX AX (HEW80) Mode_Ant. 3

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-2.83	0.34	-2.49	11.00	Complies
122	5610	-3.21	0.34	-2.87	11.00	Complies

CH106



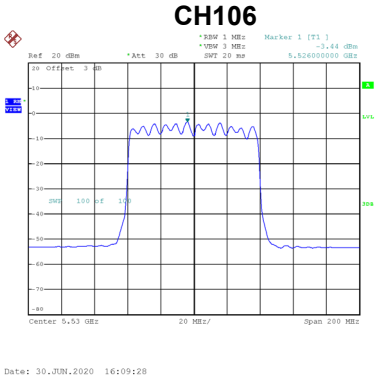
CH122



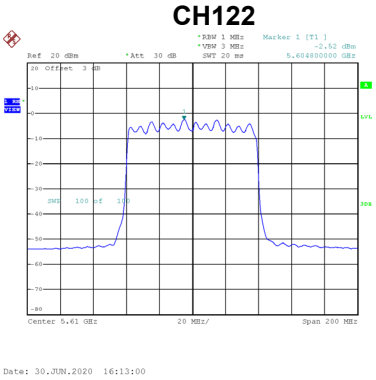
Test Mode	UNII-2C_TX AX (HEW80) Mode_Ant. 4

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-3.44	0.34	-3.10	11.00	Complies
122	5610	-2.52	0.34	-2.18	11.00	Complies

CH106



CH122



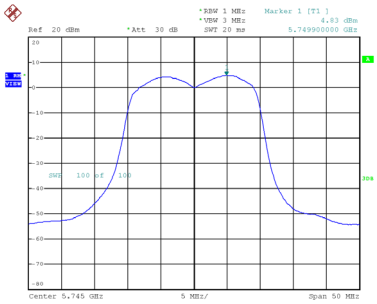
Test Mode	UNII-2C_TX AX (HEW80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	3.07	4.49	Complies
122	5610	2.96	4.49	Complies

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

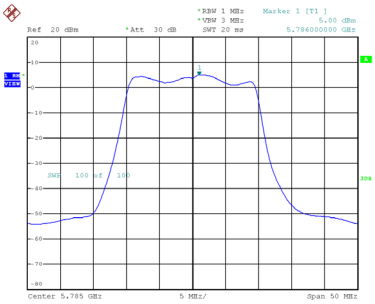
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	4.83	0.22	5.05	30.00	Complies
157	5785	5.00	0.22	5.22	30.00	Complies
165	5825	4.76	0.22	4.98	30.00	Complies

CH149



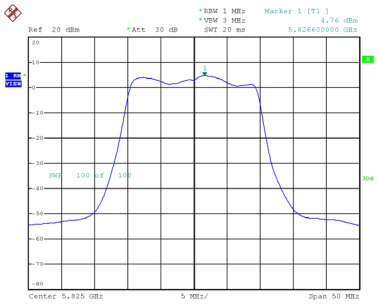
Date: 30.JUN.2020 13:53:48

CH157



Date: 30.JUN.2020 14:03:05

CH165

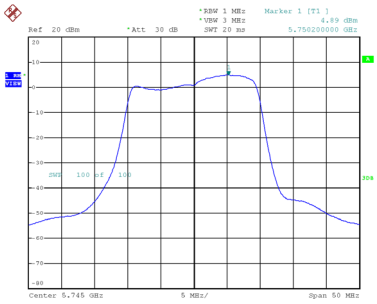


Date: 30.JUN.2020 14:04:04

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

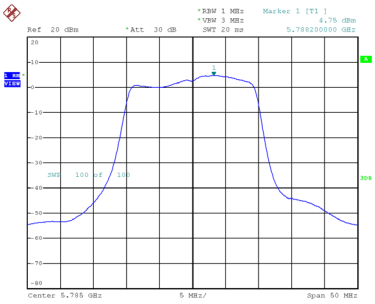
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	4.89	0.22	5.11	30.00	Complies
157	5785	4.75	0.22	4.97	30.00	Complies
165	5825	4.20	0.22	4.42	30.00	Complies

CH149



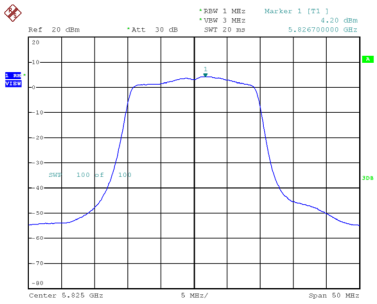
Date: 30.JUN.2020 13:54:07

CH157



Date: 30.JUN.2020 14:02:40

CH165

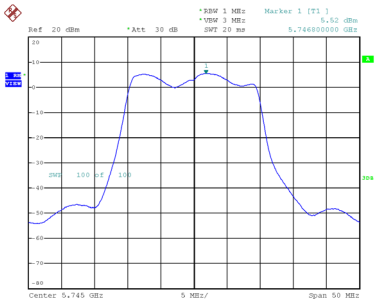


Date: 30.JUN.2020 14:04:29

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

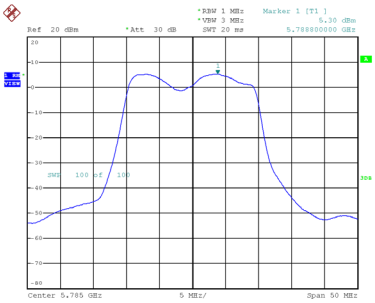
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	5.52	0.22	5.74	30.00	Complies
157	5785	5.30	0.22	5.52	30.00	Complies
165	5825	5.14	0.22	5.36	30.00	Complies

CH149



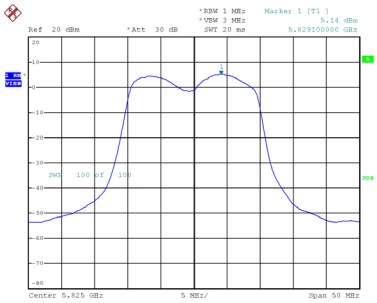
Date: 30.JUN.2020 13:56:14

CH157



Date: 30.JUN.2020 14:02:04

CH165

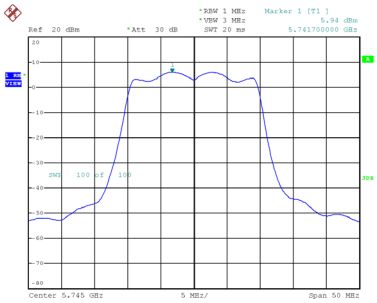


Date: 30.JUN.2020 14:04:50

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

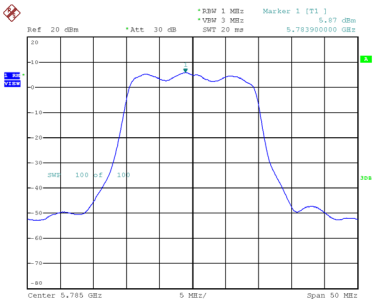
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	5.94	0.22	6.16	30.00	Complies
157	5785	5.87	0.22	6.09	30.00	Complies
165	5825	5.39	0.22	5.61	30.00	Complies

CH149



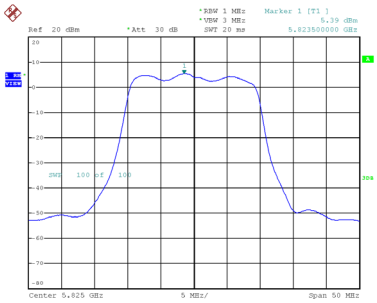
Date: 30.JUN.2020 13:56:45

CH157



Date: 30.JUN.2020 14:00:07

CH165



Date: 30.JUN.2020 14:05:30

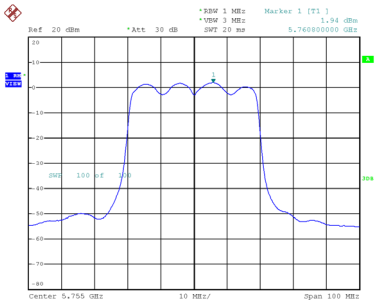
Test Mode	UNII-3_TX AX (HEW20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	11.53	23.37	Complies
157	5785	11.46	23.37	Complies
165	5825	11.10	23.37	Complies

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

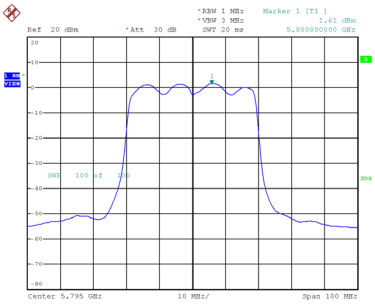
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	1.94	0.39	2.33	30.00	Complies
159	5795	1.61	0.39	2.00	30.00	Complies

CH151



Date: 30.JUN.2020 15:40:02

CH159

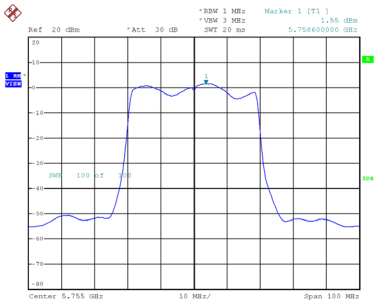


Date: 30.JUN.2020 15:42:44

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

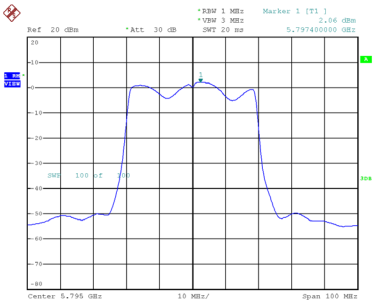
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	1.55	0.39	1.94	30.00	Complies
159	5795	2.06	0.39	2.45	30.00	Complies

CH151



Date: 30.JUN.2020 15:39:32

CH159

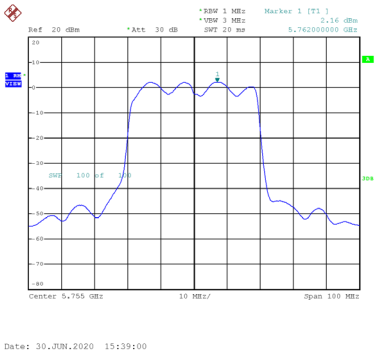


Date: 30.JUN.2020 15:42:16

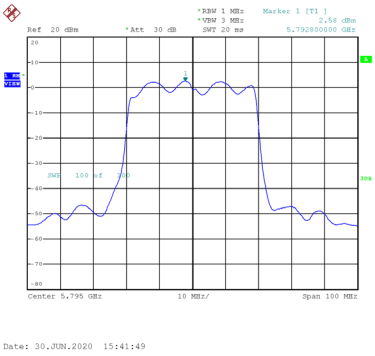
Test Mode	UNII-3_TX AX (HEW40) Mode_Ant. 3

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	2.16	0.39	2.55	30.00	Complies
159	5795	2.58	0.39	2.97	30.00	Complies

CH151



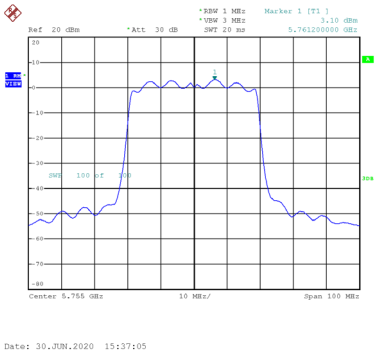
CH159



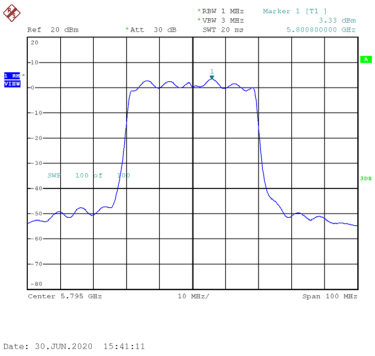
Test Mode	UNII-3_TX AX (HEW40) Mode_Ant. 4

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	3.10	0.39	3.49	30.00	Complies
159	5795	3.33	0.39	3.72	30.00	Complies

CH151



CH159



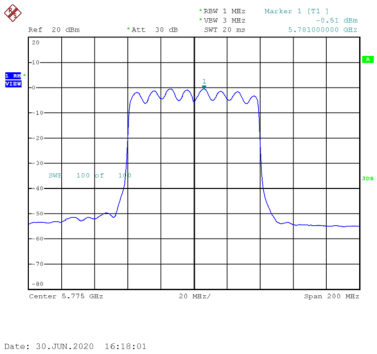
Test Mode	UNII-3_TX AX (HEW40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	8.49	23.37	Complies
159	5795	8.71	23.37	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	-0.51	0.34	-0.17	30.00	Complies

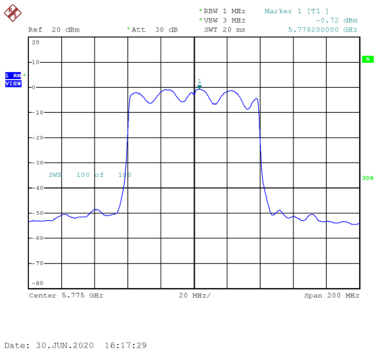
CH155



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	-0.72	0.34	-0.38	30.00	Complies

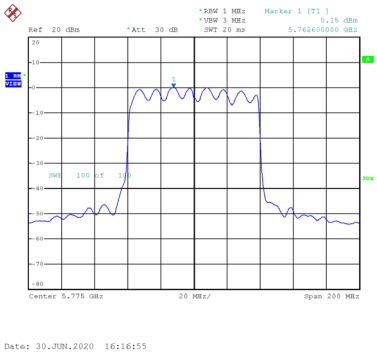
CH155



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	0.15	0.34	0.49	30.00	Complies

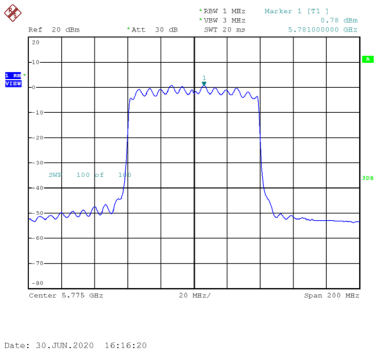
CH155



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	0.78	0.34	1.12	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	6.20	23.37	Complies

APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
13.8	5179.9948
12.0	5179.9948
10.2	5179.9948
Maximum Deviation (MHz)	0.0052
Maximum Deviation (ppm)	1.0014

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5180.0000
15	5179.9799
25	5179.9950
35	5179.9950
45	5179.9800
Maximum Deviation (MHz)	0.0201
Maximum Deviation (ppm)	3.8851

Test Mode	UNII-2A

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5260.0000
13.8	5259.9948
12.0	5259.9902
10.2	5259.9951
Maximum Deviation (MHz)	0.0099
Maximum Deviation (ppm)	1.8726

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5260.0000
0	5260.0150
15	5259.9999
25	5260.0000
35	5259.9999
45	5259.9799
Maximum Deviation (MHz)	0.0201
Maximum Deviation (ppm)	3.8260

Test Mode	UNII-2C

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5500.0000
13.8	5499.9950
12.0	5499.9950
10.2	5499.9900
Maximum Deviation (MHz)	0.0101
Maximum Deviation (ppm)	1.8273

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5500.0000
0	5499.9950
15	5500.0000
25	5499.9950
35	5499.9948
45	5499.9948
Maximum Deviation (MHz)	0.0150
Maximum Deviation (ppm)	2.7295

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
13.8	5744.9950
12.0	5744.9999
10.2	5744.9950
Maximum Deviation (MHz)	0.0050
Maximum Deviation (ppm)	0.8681

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5744.9950
15	5744.9799
25	5744.9950
35	5744.9950
45	5745.0000
Maximum Deviation (MHz)	0.0201
Maximum Deviation (ppm)	3.5009

End of Test Report