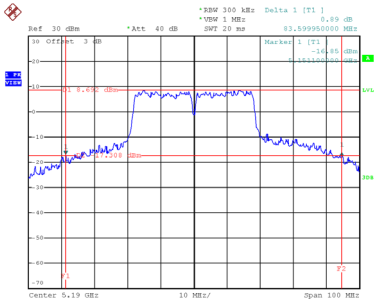


Test Mode	UNII-1_TX AC (VHT40) Mode
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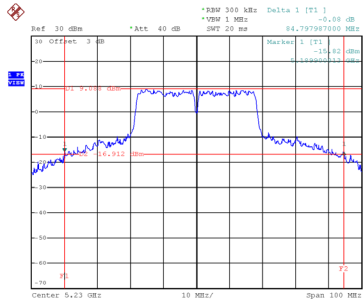
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
38	5190	83.60	46.80
46	5230	84.80	39.20

**CH38**



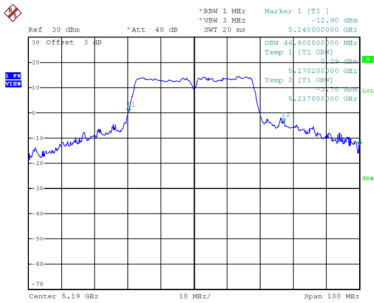
Date: 4.JUN.2020 19:39:01

**CH46**  
26 dB Bandwidth

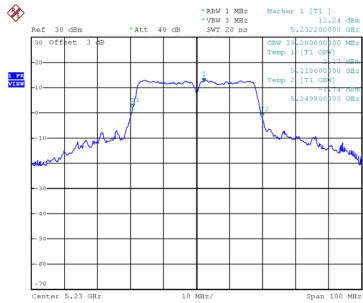


Date: 4.JUN.2020 19:40:37

**99 % Emission Bandwidth**



Date: 4.JUN.2020 19:38:36

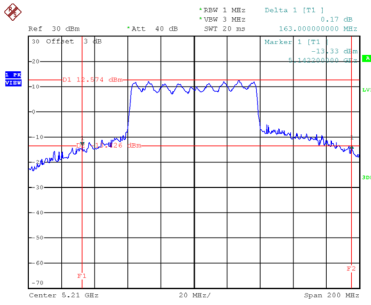


Date: 4.JUN.2020 20:51:49

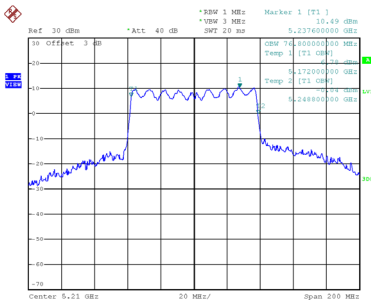
Test Mode	UNII-1_TX AC (VHT80) Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
42	5210	163.00	76.80

### CH42 26 dB Bandwidth

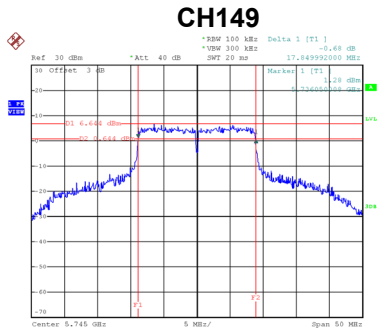


### 99 % Emission Bandwidth

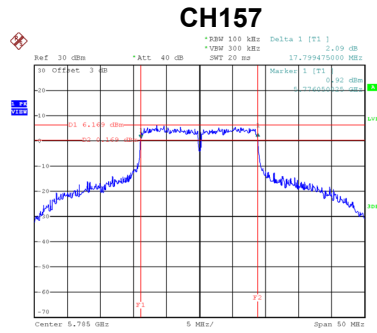


Test Mode	UNII-3_TX AC (VHT20) Mode
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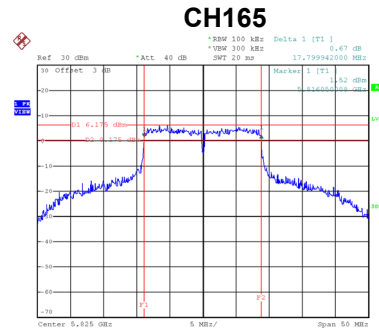
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	17.85	500	Complies
157	5785	17.80	500	Complies
165	5825	17.80	500	Complies



Date: 4.JUN.2020 19:24:21

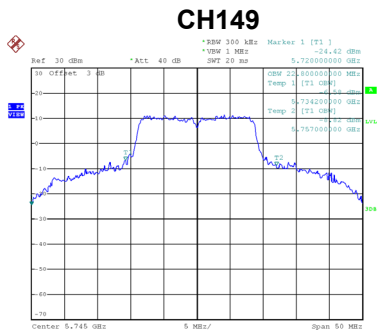


Date: 4.JUN.2020 19:25:30

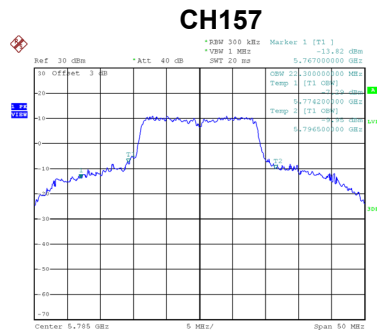


Date: 4.JUN.2020 19:26:35

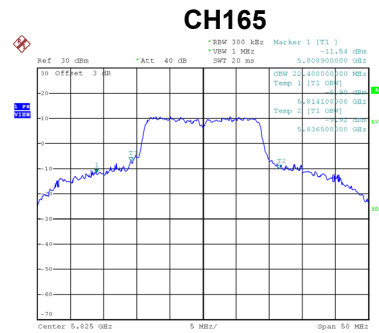
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
149	5745	22.80	Complies
157	5785	23.30	Complies
165	5825	22.40	Complies



Date: 4.JUN.2020 19:23:57



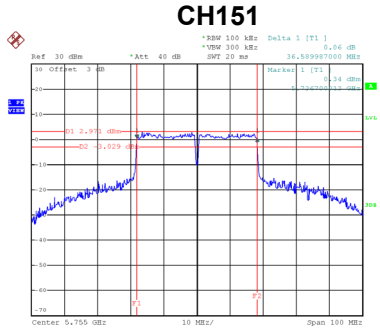
Date: 4.JUN.2020 19:25:04



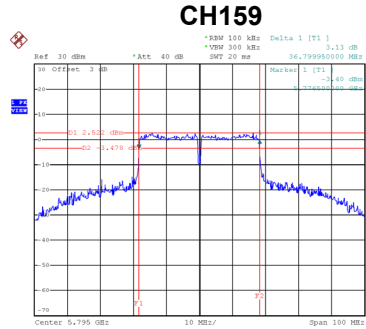
Date: 4.JUN.2020 19:26:11

Test Mode	UNII-3_TX AC (VHT40) Mode
-----------	---------------------------

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	36.59	500	Complies
159	5795	36.80	500	Complies

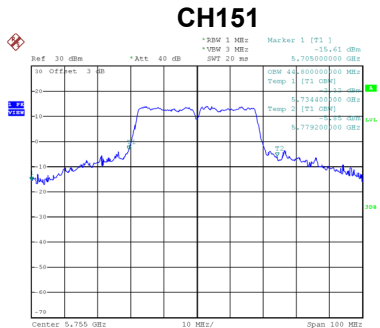


Date: 4.JUN.2020 19:50:38

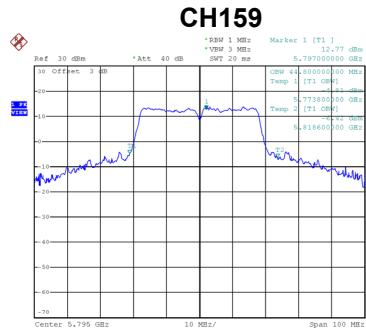


Date: 4.JUN.2020 19:52:05

Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
151	5755	44.90	Complies
159	5795	44.80	Complies



Date: 4.JUN.2020 19:50:05

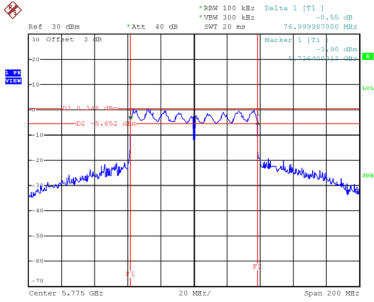


Date: 4.JUN.2020 19:51:33

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

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
155	5775	77.00	500	Complies

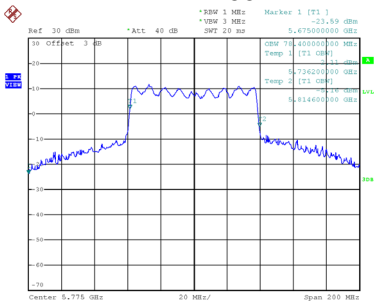
### CH155



Date: 4 JUN 2020 19:54:32

Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
155	5775	78.40	Complies

### CH155



Date: 4 JUN 2020 19:54:01

## **APPENDIX F - CONDUCTED OUTPUT POWER**

Test Mode	UNII-1_TX A Mode
-----------	------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	17.22	0.00	17.22	24.00	0.25	Complies
40	5200	19.75	0.00	19.75	24.00	0.25	Complies
48	5240	16.87	0.00	16.87	24.00	0.25	Complies

Test Mode	UNII-1_TX N (HT20) Mode
-----------	-------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	17.11	0.00	17.11	24.00	0.25	Complies
40	5200	19.20	0.00	19.20	24.00	0.25	Complies
48	5240	16.97	0.00	16.97	24.00	0.25	Complies

Test Mode	UNII-1_TX N (HT40) Mode
-----------	-------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.22	0.00	16.22	24.00	0.25	Complies
46	5230	16.96	0.00	16.96	24.00	0.25	Complies

Test Mode	UNII-3_TX A Mode
-----------	------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.51	0.00	18.51	30.00	1.00	Complies
157	5785	19.11	0.00	19.11	30.00	1.00	Complies
165	5825	19.08	0.00	19.08	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT20) Mode
-----------	-------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.55	0.00	18.55	30.00	1.00	Complies
157	5785	19.22	0.00	19.22	30.00	1.00	Complies
165	5825	19.23	0.00	19.23	30.00	1.00	Complies

Test Mode	UNII-3_TX N (HT40) Mode
-----------	-------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	18.37	0.00	18.37	30.00	1.00	Complies
159	5795	18.89	0.00	18.89	30.00	1.00	Complies



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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	17.17	0.00	17.17	24.00	0.25	Complies
40	5200	19.21	0.00	19.21	24.00	0.25	Complies
48	5240	16.98	0.00	16.98	24.00	0.25	Complies

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

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	16.26	0.00	16.26	24.00	0.25	Complies
46	5230	18.13	0.00	18.13	24.00	0.25	Complies

Test Mode	UNII-1_TX AC (VHT80) Mode
-----------	---------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	16.07	0.00	16.07	24.00	0.25	Complies

Test Mode	UNII-3_TX AC (VHT20) Mode
-----------	---------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	18.57	0.00	18.57	30.00	1.00	Complies
157	5785	19.25	0.00	19.25	30.00	1.00	Complies
165	5825	19.24	0.00	19.24	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode
-----------	---------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	18.46	0.00	18.46	30.00	1.00	Complies
159	5795	18.93	0.00	18.93	30.00	1.00	Complies

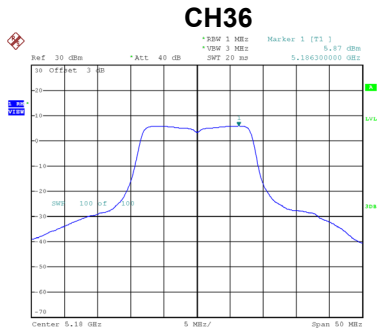
Test Mode	UNII-3_TX AC (VHT80) Mode
-----------	---------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	18.41	0.00	18.41	30.00	1.00	Complies

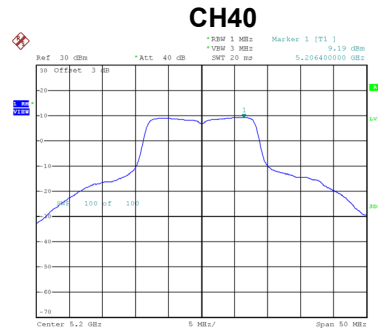
**APPENDIX G - POWER SPECTRAL DENSITY**

Test Mode	UNII-1_TX A Mode
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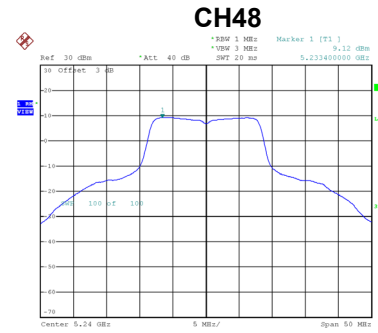
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	5.87	0.00	5.87	11.00	Complies
40	5200	9.19	0.00	9.19	11.00	Complies
48	5240	9.12	0.00	9.12	11.00	Complies



Date: 4 JUN 2020 18:22:53



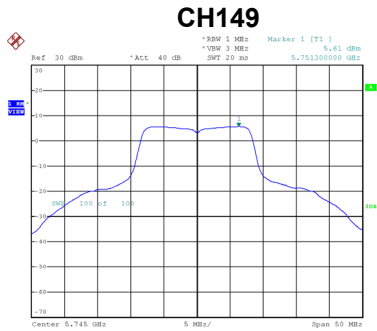
Date: 4 JUN 2020 18:58:53



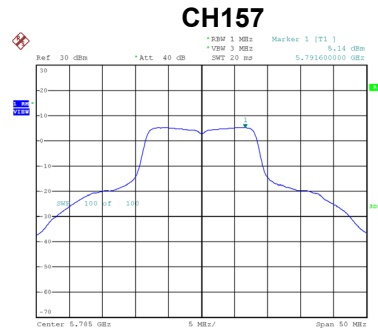
Date: 4 JUN 2020 19:00:45

Test Mode	UNII-3_TX A Mode
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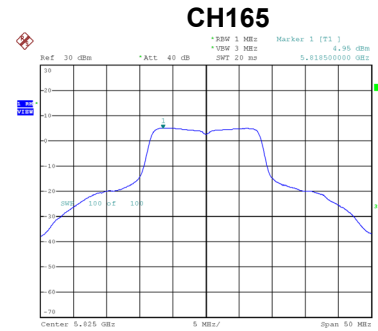
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	5.61	0.00	5.61	30.00	Complies
157	5785	5.14	0.00	5.14	30.00	Complies
165	5825	4.95	0.00	4.95	30.00	Complies



Date: 4 JUN 2020 19:02:19



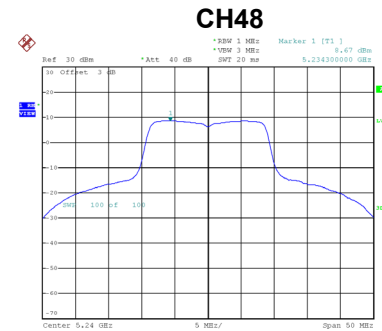
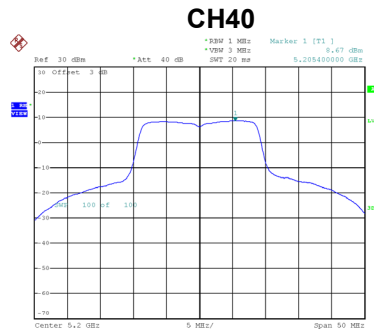
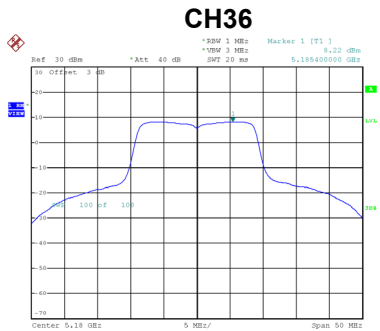
Date: 4 JUN 2020 19:03:31



Date: 4 JUN 2020 19:08:59

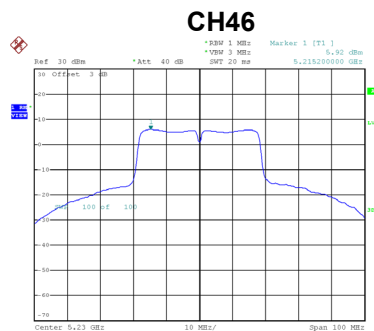
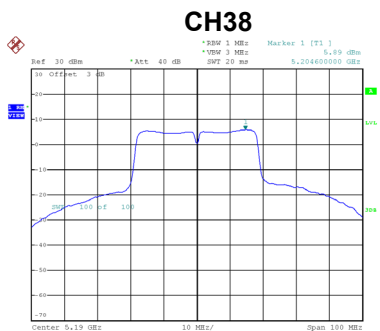
Test Mode UNII-1\_TX AC (VHT20) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	8.22	0.00	8.22	11.00	Complies
40	5200	8.67	0.00	8.67	11.00	Complies
48	5240	8.67	0.00	8.67	11.00	Complies



Test Mode UNII-1\_TX AC (VHT40) Mode

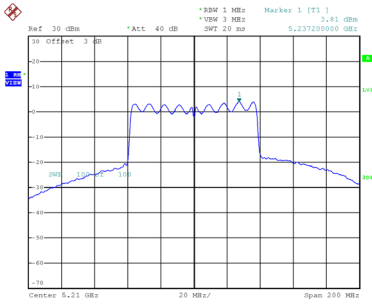
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	5.89	0.00	5.89	11.00	Complies
46	5230	5.92	0.00	5.92	11.00	Complies



Test Mode UNII-1\_TX AC (VHT80) Mode

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	0.00	3.81	11.00	Complies

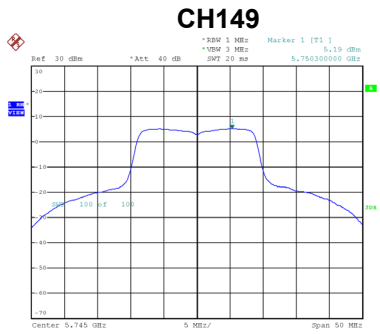
**CH42**



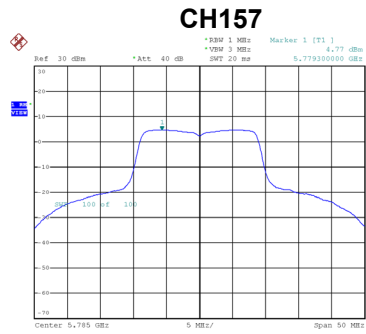
Date: 4 JUN 2020 19:53:27

Test Mode UNII-3\_TX AC (VHT20) Mode

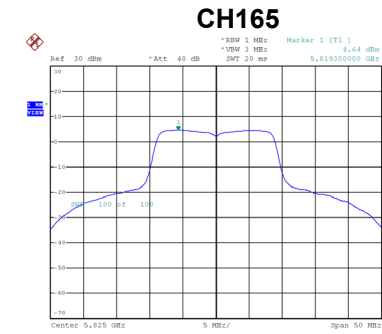
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	5.19	0.00	5.19	30.00	Complies
157	5785	4.77	0.00	4.77	30.00	Complies
165	5825	4.64	0.00	4.64	30.00	Complies



Date: 4.JUN.2020 19:24:35



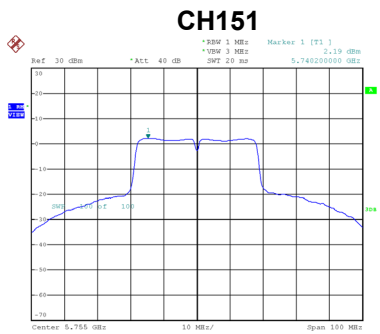
Date: 4.JUN.2020 19:25:44



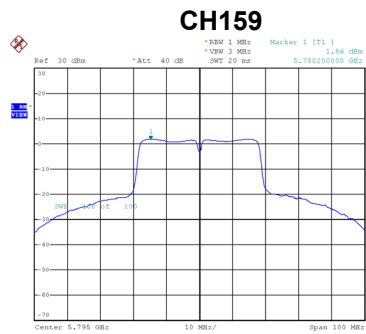
Date: 4.JUN.2020 19:26:49

Test Mode UNII-3\_TX AC (VHT40) Mode

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	2.19	0.00	2.19	30.00	Complies
159	5795	1.86	0.00	1.86	30.00	Complies



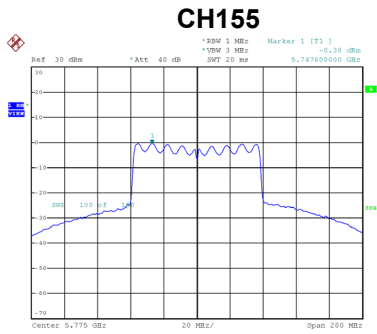
Date: 4.JUN.2020 19:50:59



Date: 4.JUN.2020 19:52:25

Test Mode UNII-3\_TX AC (VHT80) Mode

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	-0.38	0.00	-0.38	30.00	Complies



Date: 4 JUN 2020 19:54:53



## APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1
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**Voltage vs. Frequency Stability**

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
13.8	5179.9664
12	5179.9664
10.2	5179.9664
Maximum Deviation (MHz)	0.0336
Maximum Deviation (ppm)	6.4865

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
-30	5179.9664
-20	5179.9664
-10	5179.9663
0	5179.9661
10	5179.9664
20	5179.9662
30	5179.9660
40	5179.9664
50	5179.9662
60	5179.9663
70	5179.9664
80	5179.9661
85	5179.9664
Maximum Deviation (MHz)	0.0336
Maximum Deviation (ppm)	6.4865

Test Mode	UNII-3
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**Voltage vs. Frequency Stability**

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
13.8	5744.9656
12	5744.9652
10.2	5744.9652
Maximum Deviation (MHz)	0.0348
Maximum Deviation (ppm)	6.0600

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
-30	5744.9648
-20	5744.9652
-10	5744.9648
0	5744.9647
10	5744.9648
20	5744.9648
30	5744.9646
40	5744.9652
50	5744.9652
60	5744.9648
70	5744.9652
80	5744.9648
85	5744.9648
Maximum Deviation (MHz)	0.0352
Maximum Deviation (ppm)	6.1271

**End of Test Report**