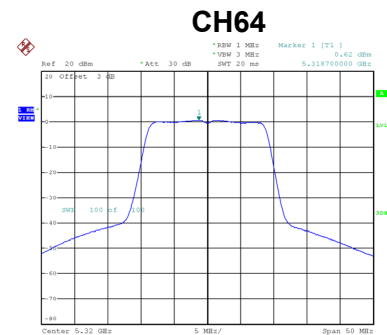
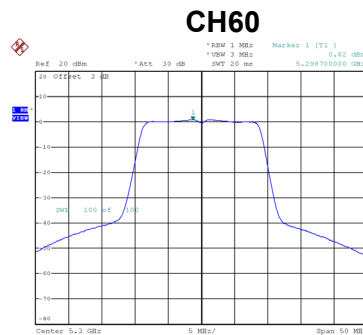
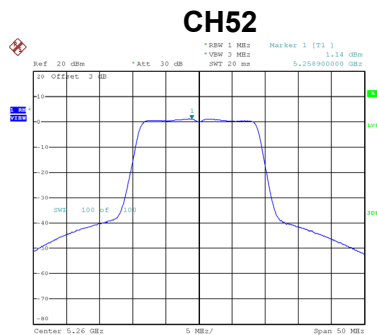


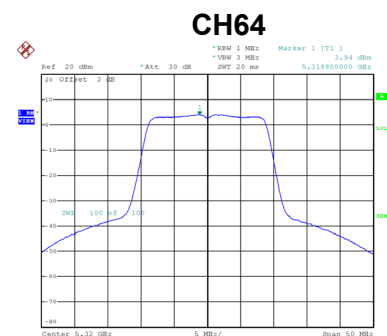
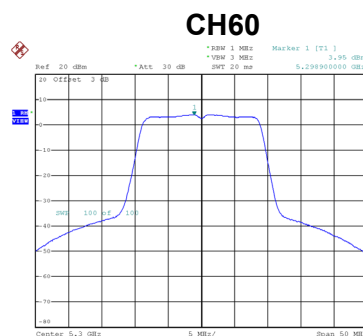
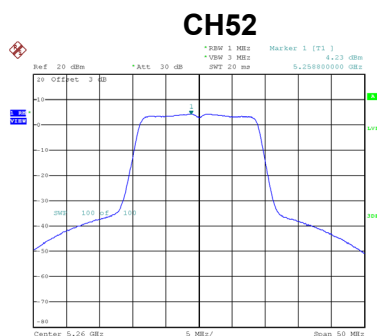
Test Mode UNII-2A\_TX AC (VHT20) Mode\_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	1.14	0.13	1.27	11.00	Complies
60	5300	0.82	0.13	0.95	11.00	Complies
64	5320	0.62	0.13	0.75	11.00	Complies



Test Mode UNII-2A\_TX AC (VHT20) Mode\_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	4.23	0.13	4.36	11.00	Complies
60	5300	3.95	0.13	4.08	11.00	Complies
64	5320	3.94	0.13	4.07	11.00	Complies

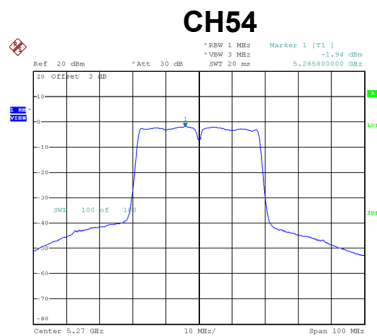


Test Mode	UNII-2A_TX AC (VHT20) Mode_Total
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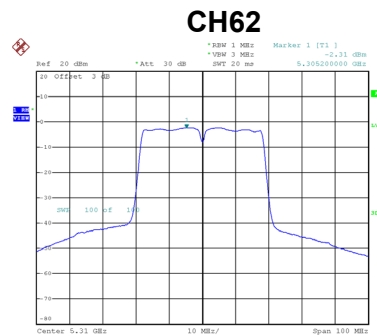
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	6.09	11.00	Complies
60	5300	5.80	11.00	Complies
64	5320	5.73	11.00	Complies

Test Mode	UNII-2A_TX AC (VHT40) Mode_Ant. 1
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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
54	5270	-1.94	0.25	-1.69	11.00	Complies
62	5310	-2.31	0.25	-2.06	11.00	Complies



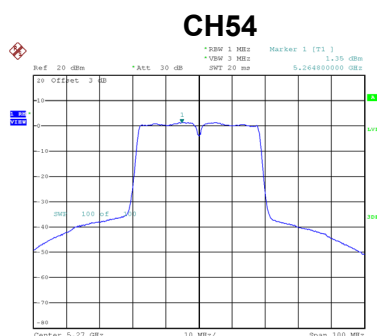
Date: 8.OCT.2019 11:36:07



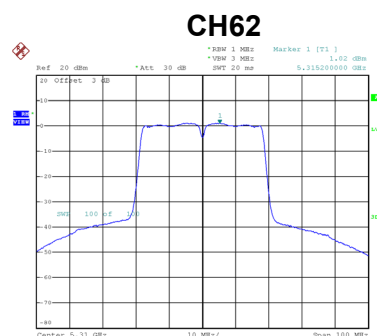
Date: 8.OCT.2019 11:37:20

Test Mode	UNII-2A_TX AC (VHT40) Mode_Ant. 2
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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
54	5270	1.35	0.25	1.60	11.00	Complies
62	5310	1.02	0.25	1.27	11.00	Complies



Date: 8.OCT.2019 12:00:56



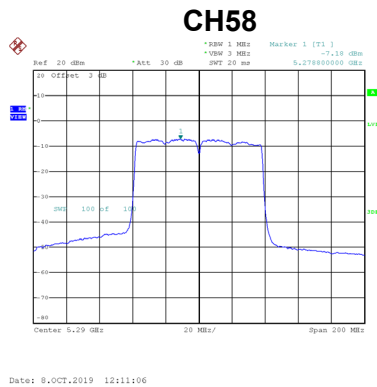
Date: 8.OCT.2019 12:01:25

Test Mode	UNII-2A_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	3.27	11.00	Complies
62	5310	2.93	11.00	Complies

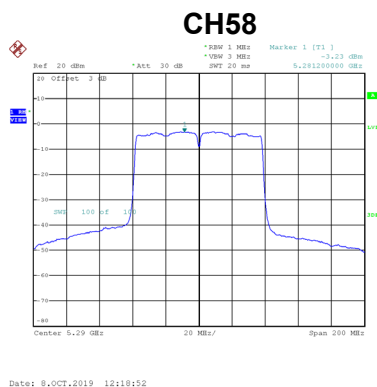
Test Mode	UNII-2A_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	-7.18	0.25	-6.93	11.00	Complies



Test Mode	UNII-2A_TX AC (VHT80) Mode_Ant. 2
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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
58	5290	-3.23	0.25	-2.98	11.00	Complies

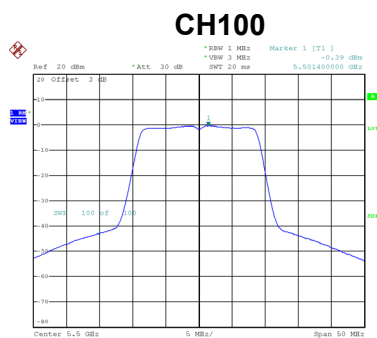


Test Mode	UNII-2A_TX AC (VHT80) Mode_Total
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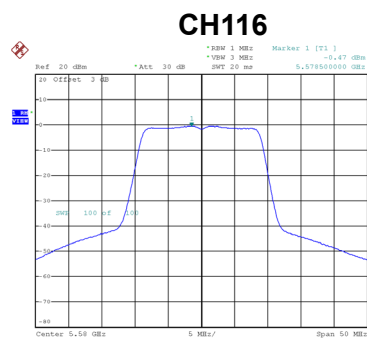
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	-1.51	11.00	Complies

## Test Mode UNII-2C\_TX AC (VHT20) Mode\_Ant. 1

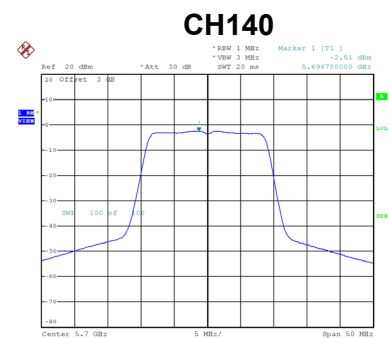
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	-0.39	0.13	-0.26	11.00	Complies
116	5580	-0.47	0.13	-0.34	11.00	Complies
140	5700	-2.51	0.13	-2.38	11.00	Complies



Date: 8.OCT.2019 11:27:24



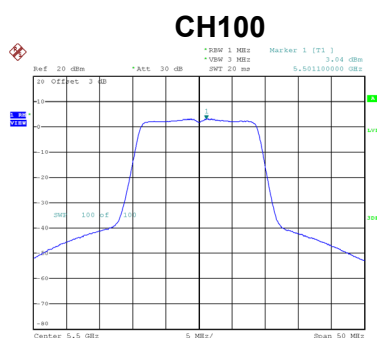
Date: 8.OCT.2019 11:28:24



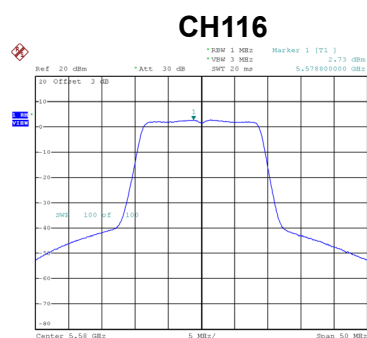
Date: 8.OCT.2019 11:29:39

## Test Mode UNII-2C\_TX AC (VHT20) Mode\_Ant. 2

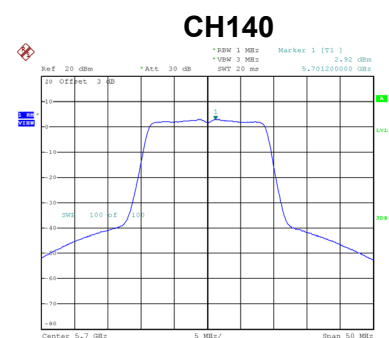
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	3.04	0.13	3.17	11.00	Complies
116	5580	2.73	0.13	2.86	11.00	Complies
140	5700	2.92	0.13	3.05	11.00	Complies



Date: 8.OCT.2019 11:57:43



Date: 8.OCT.2019 11:58:09



Date: 8.OCT.2019 11:58:24

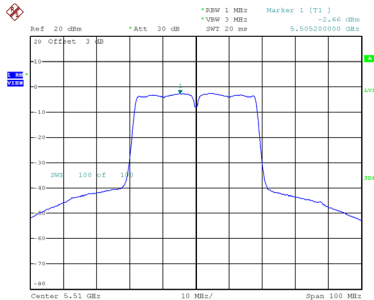
Test Mode	UNII-2C_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	4.79	11.00	Complies
116	5580	4.56	11.00	Complies
140	5700	4.14	11.00	Complies

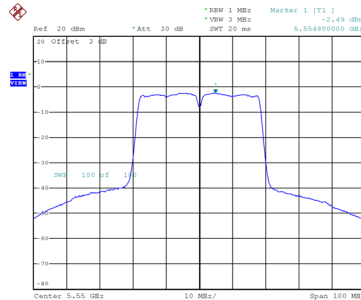
Test Mode UNII-2C\_TX AC (VHT40) Mode\_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-2.66	0.25	-2.41	11.00	Complies
110	5550	-2.49	0.25	-2.24	11.00	Complies
134	5670	-4.24	0.25	-3.99	11.00	Complies

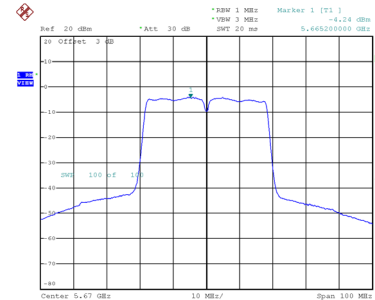
CH102



CH110



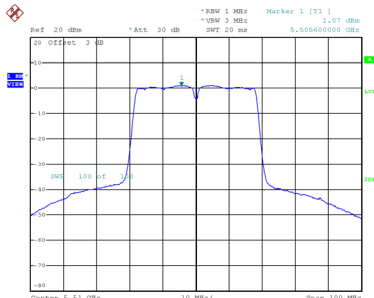
CH134



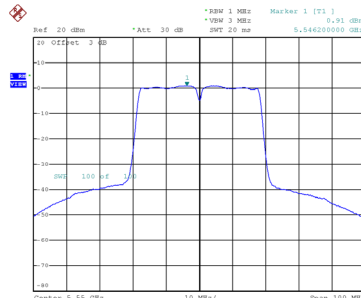
Test Mode UNII-2C\_TX AC (VHT40) Mode\_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	1.07	0.25	1.32	11.00	Complies
110	5550	0.91	0.25	1.16	11.00	Complies
134	5670	0.90	0.25	1.15	11.00	Complies

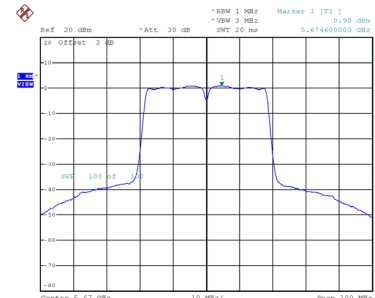
CH102



CH110



CH134



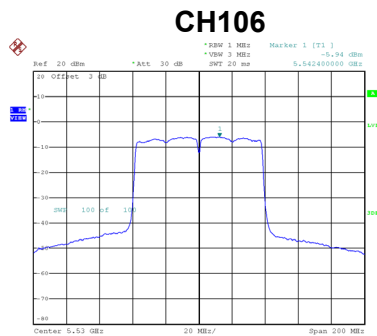


Test Mode	UNII-2C_TX AC (VHT40) Mode_Total
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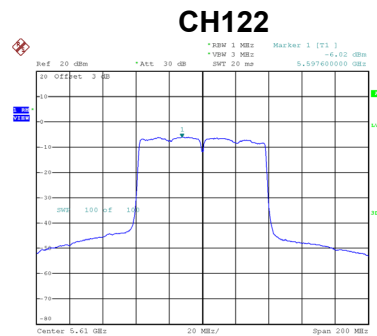
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	2.85	11.00	Complies
110	5550	2.80	11.00	Complies
134	5670	2.31	11.00	Complies

Test Mode	UNII-2C_TX AC (VHT80) Mode_Ant. 1
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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
106	5530	-5.94	0.25	-5.69	11.00	Complies
122	5610	-6.02	0.25	-5.77	11.00	Complies



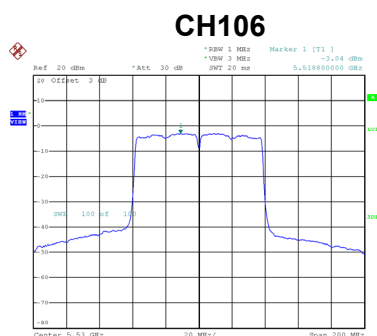
Date: 8.OCT.2019 12:12:09



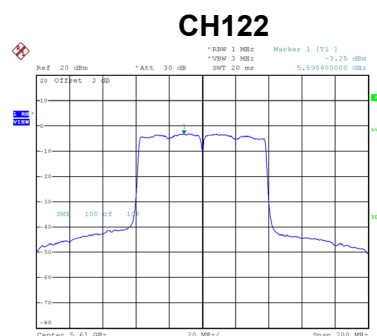
Date: 8.OCT.2019 12:15:51

Test Mode	UNII-2C_TX AC (VHT80) Mode_Ant. 2
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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
106	5530	-3.04	0.25	-2.79	11.00	Complies
122	5610	-3.25	0.25	-3.00	11.00	Complies



Date: 8.OCT.2019 12:19:18



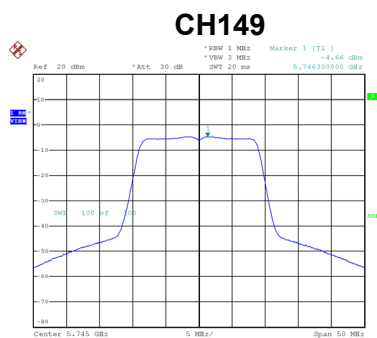
Date: 8.OCT.2019 12:19:46

Test Mode	UNII-2C_TX AC (VHT80) Mode_Total
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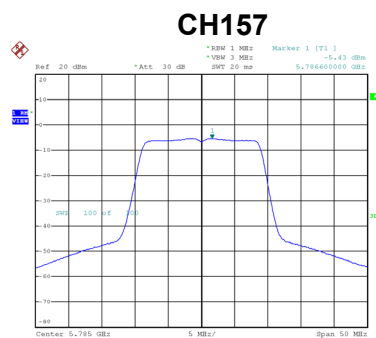
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-0.99	11.00	Complies
122	5610	-1.15	11.00	Complies

## Test Mode UNII-3\_TX AC (VHT20) Mode\_Ant. 1

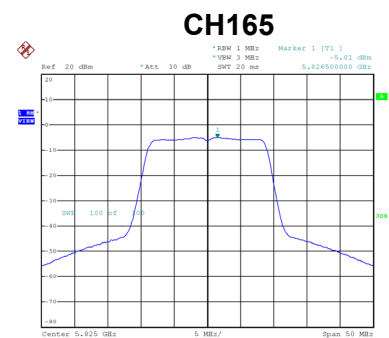
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-4.66	0.13	-4.53	30.00	Complies
157	5785	-5.43	0.13	-5.30	30.00	Complies
165	5825	-5.01	0.13	-4.88	30.00	Complies



Date: 8.OCT.2019 11:30:40



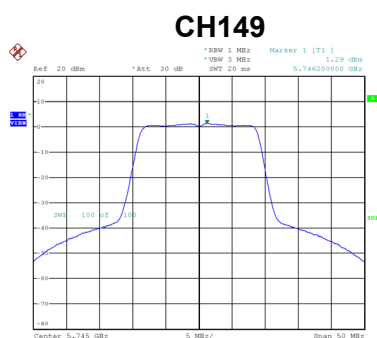
Date: 8.OCT.2019 11:31:44



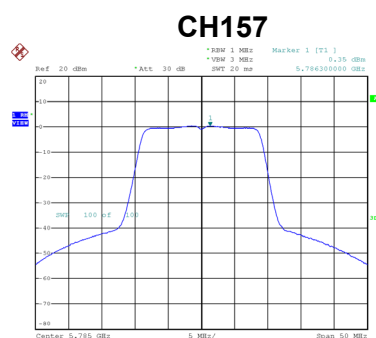
Date: 8.OCT.2019 11:32:41

## Test Mode UNII-3\_TX AC (VHT20) Mode\_Ant. 2

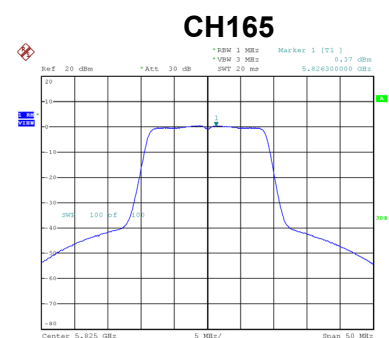
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	1.29	0.13	1.42	30.00	Complies
157	5785	0.35	0.13	0.48	30.00	Complies
165	5825	0.37	0.13	0.50	30.00	Complies



Date: 8.OCT.2019 11:58:53



Date: 8.OCT.2019 11:59:13



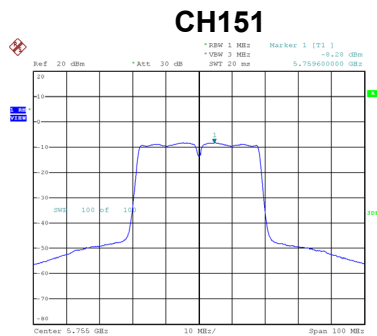
Date: 8.OCT.2019 11:59:31

Test Mode	UNII-3_TX AC (VHT20) Mode_Total
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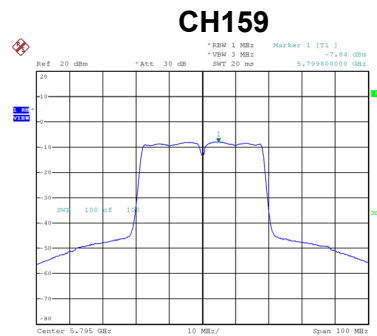
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	2.40	30.00	Complies
157	5785	1.50	30.00	Complies
165	5825	1.60	30.00	Complies

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1
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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
151	5755	-8.28	0.25	-8.03	30.00	Complies
159	5795	-7.84	0.25	-7.59	30.00	Complies



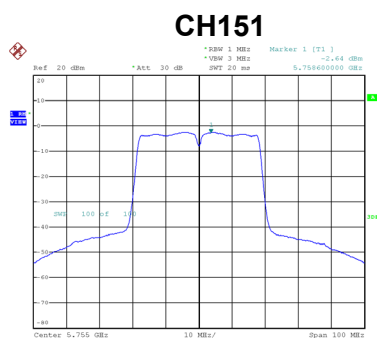
Date: 8.OCT.2019 11:42:01



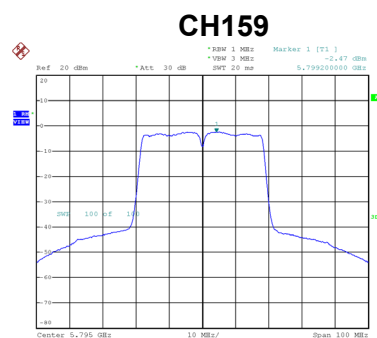
Date: 8.OCT.2019 11:43:01

Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2
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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
151	5755	-2.64	0.25	-2.39	30.00	Complies
159	5795	-2.47	0.25	-2.22	30.00	Complies



Date: 8.OCT.2019 12:04:01



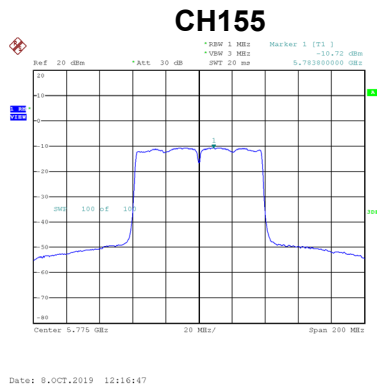
Date: 8.OCT.2019 12:04:27

Test Mode	UNII-3_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	-1.34	30.00	Complies
159	5795	-1.11	30.00	Complies

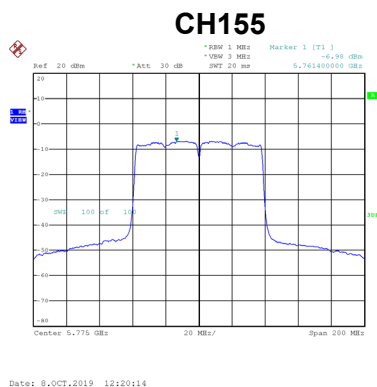
Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-10.72	0.25	-10.47	30.00	Complies



Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 2
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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
155	5775	-6.98	0.25	-6.73	30.00	Complies



Test Mode	UNII-3_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-5.20	30.00	Complies

## **APPENDIX H - FREQUENCY STABILITY**



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

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5179.9896
120	5179.9896
108	5179.9892
Maximum Deviation (MHz)	0.0108
Maximum Deviation (ppm)	2.0849

### Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5179.9892
10	5179.9892
20	5179.9892
30	5179.9888
40	5179.9892
50	5179.9892
60	5179.9888
70	5179.9898
Maximum Deviation (MHz)	0.0112
Maximum Deviation (ppm)	2.1622

Test Mode	UNII-2A
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### Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5260.0000
132	5259.9880
120	5259.9880
108	5259.9880
Maximum Deviation (MHz)	0.0120
Maximum Deviation (ppm)	2.2814

### Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5260.0000
0	5259.9880
10	5259.9880
20	5259.9880
30	5259.9880
40	5259.9880
50	5259.9880
60	5259.9880
70	5259.9890
Maximum Deviation (MHz)	0.0120
Maximum Deviation (ppm)	2.2814

Test Mode	UNII-2C
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### Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5500.0000
132	5499.9872
120	5499.9876
108	5499.9876
Maximum Deviation (MHz)	0.0128
Maximum Deviation (ppm)	2.3273

### Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5500.0000
0	5499.9876
10	5499.9876
20	5499.9876
30	5499.9876
40	5499.9876
50	5499.9876
60	5499.9876
70	5499.9877
Maximum Deviation (MHz)	0.0124
Maximum Deviation (ppm)	2.2545

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

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5744.9872
120	5744.9876
108	5744.9876
Maximum Deviation (MHz)	0.0128
Maximum Deviation (ppm)	2.2280

### Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5744.9876
10	5744.9876
20	5744.9876
30	5744.9876
40	5744.9876
50	5744.9876
60	5744.9876
70	5744.9876
Maximum Deviation (MHz)	0.0124
Maximum Deviation (ppm)	2.1584

**End of Test Report**