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

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-12.68	0.87	-11.81	10.66	Complies
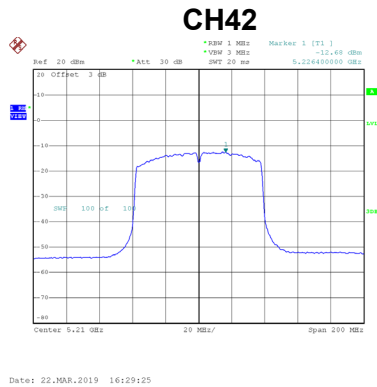
CH42

Date: 22.MAR.2019 16:29:25

Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-14.36	0.87	-13.49	10.66	Complies

CH42

Date: 22.MAR.2019 19:02:17
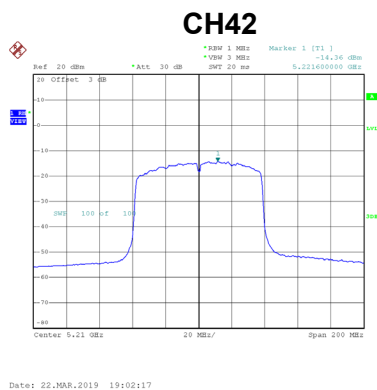
Test Mode	UNII-1_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-9.56	10.66	Complies

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	-3.26	0.23	-3.03	10.66	Complies
60	5300	-3.48	0.23	-3.25	10.66	Complies
64	5320	-3.91	0.23	-3.68	10.66	Complies

CH52   CH60   CH64
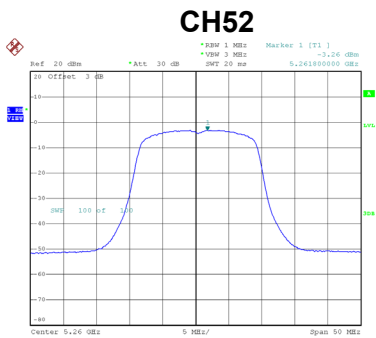
Date: 22.MAR.2019 15:48:59   Date: 22.MAR.2019 15:49:56   Date: 22.MAR.2019 15:50:56
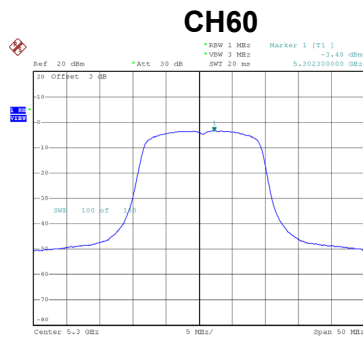
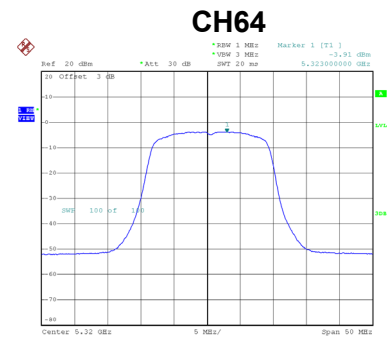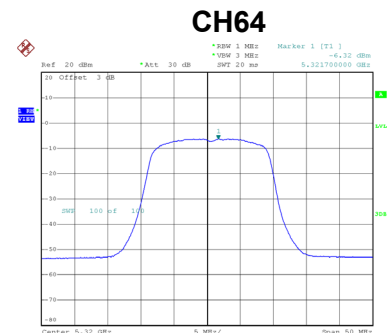| Test Mode	UNII-2A_TX AC (VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	-7.91	0.23	-7.68	10.66	Complies
60	5300	-6.99	0.23	-6.76	10.66	Complies
64	5320	-6.32	0.23	-6.09	10.66	Complies

CH52   CH60   CH64
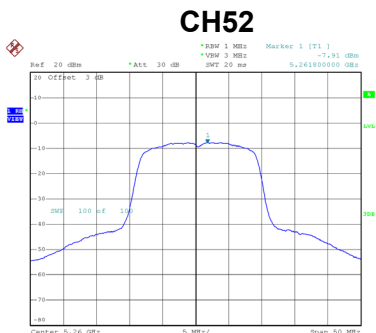
Date: 22.MAR.2019 17:42:51   Date: 22.MAR.2019 17:43:49   Date: 22.MAR.2019 17:44:59
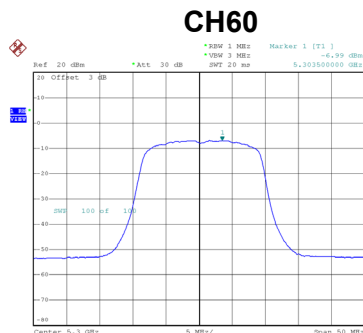
Test Mode	UNII-2A_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	-1.75	10.66	Complies
60	5300	-1.65	10.66	Complies
64	5320	-1.71	10.66	Complies

Test Mode	UNII-2A_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
54	5270	-6.32	0.50	-5.82	10.66	Complies
62	5310	-6.77	0.50	-6.27	10.66	Complies

CH54

CH62
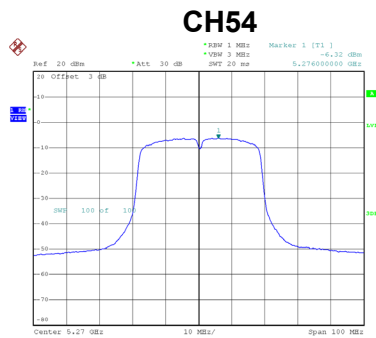
Date: 22.MAR.2019 16:17:48
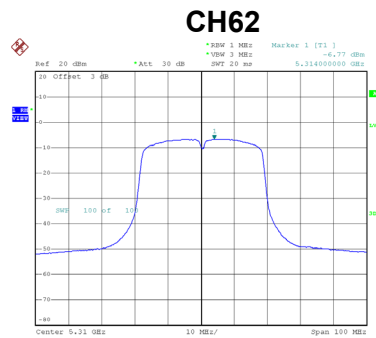
Date: 22.MAR.2019 16:19:11

Test Mode	UNII-2A_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
54	5270	-13.01	0.50	-12.51	10.66	Complies
62	5310	-12.37	0.50	-11.87	10.66	Complies

CH54

CH62
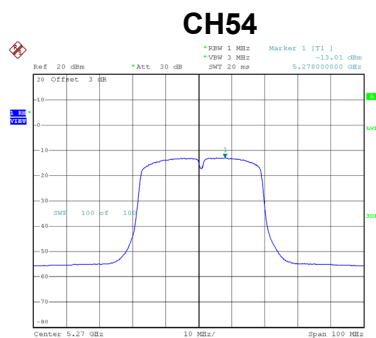
Date: 22.MAR.2019 18:36:29
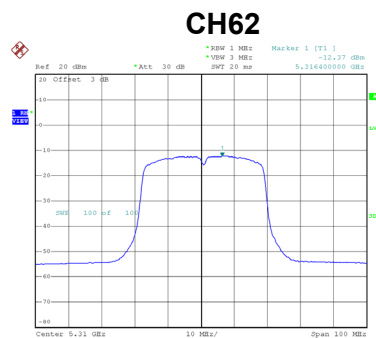
Date: 22.MAR.2019 18:37:58

Test Mode	UNII-2A_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-4.98	10.66	Complies
62	5310	-5.21	10.66	Complies

Test Mode	UNII-2A_TX AC (VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	-9.32	0.87	-8.45	10.66	Complies
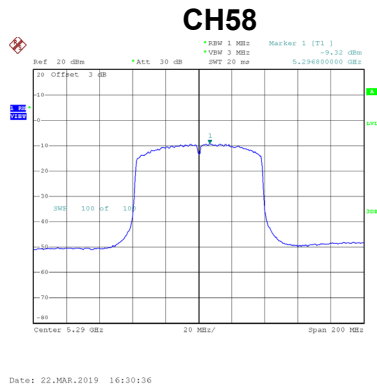
CH58

Date: 22.MAR.2019 16:30:36

Test Mode	UNII-2A_TX AC (VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	-14.25	0.87	-13.38	10.66	Complies

CH58

Date: 22.MAR.2019 19:19:38
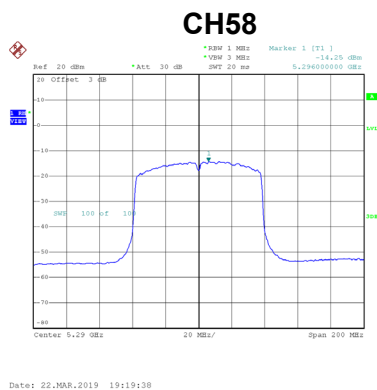
Test Mode	UNII-2A_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
58	5290	-7.24	10.66	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	-3.09	0.23	-2.86	10.66	Complies
116	5580	-6.75	0.23	-6.52	10.66	Complies
140	5700	-5.24	0.23	-5.01	10.66	Complies

CH100   **CH116**   **CH140**
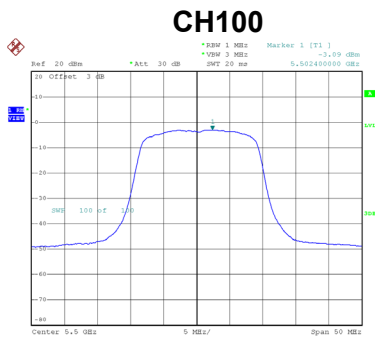
Date: 22.MAR.2019 15:51:59   Date: 22.MAR.2019 15:53:16   Date: 22.MAR.2019 15:54:22
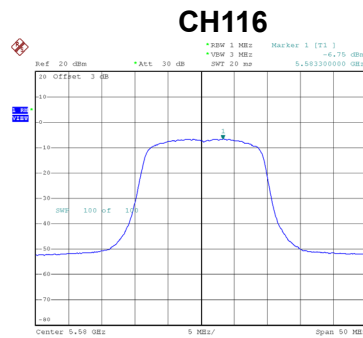
Test Mode	UNII-2C_TX AC (VHT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	-2.40	0.23	-2.17	10.66	Complies
116	5580	-5.22	0.23	-4.99	10.66	Complies
140	5700	-4.74	0.23	-4.51	10.66	Complies

CH100   **CH116**   **CH140**

Date: 22.MAR.2019 17:46:16   Date: 22.MAR.2019 17:47:31   Date: 22.MAR.2019 17:48:34

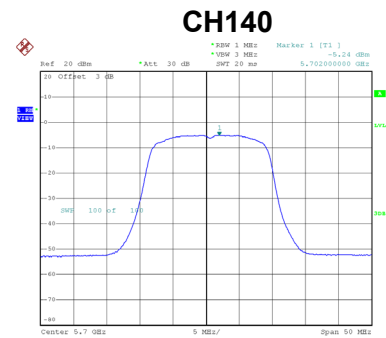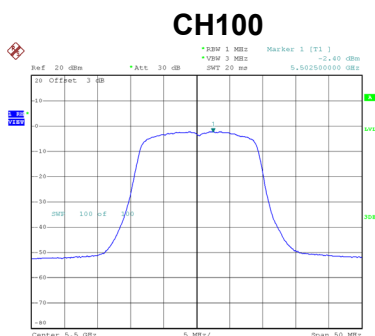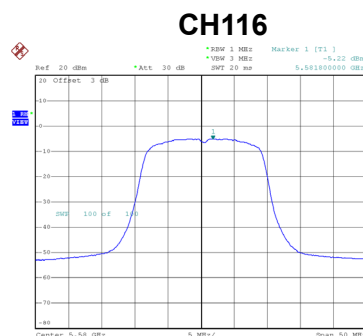| Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	0.51	10.66	Complies
116	5580	-2.68	10.66	Complies
140	5700	-1.74	10.66	Complies

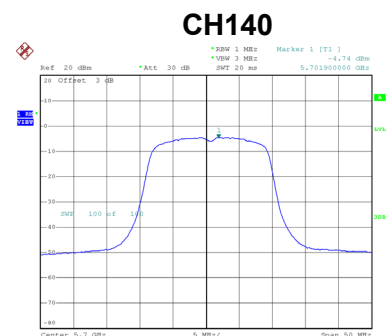| Test Mode	UNII-2C_TX AC (VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-6.82	0.50	-6.32	10.66	Complies
110	5550	-7.30	0.50	-6.80	10.66	Complies
134	5670	-8.76	0.50	-8.26	10.66	Complies

CH102 CH110 CH134

Date: 22.MAR.2019 16:21:44   Date: 22.MAR.2019 16:23:02   Date: 22.MAR.2019 16:24:09

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	-8.18	0.50	-7.68	10.66	Complies
110	5550	-8.00	0.50	-7.50	10.66	Complies
134	5670	-10.99	0.50	-10.49	10.66	Complies

CH102 CH110 CH134

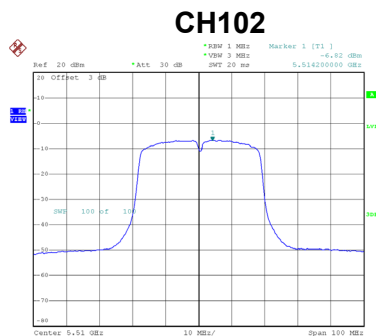Date: 22.MAR.2019 18:39:21   Date: 22.MAR.2019 18:40:53   Date: 22.MAR.2019 18:42:19

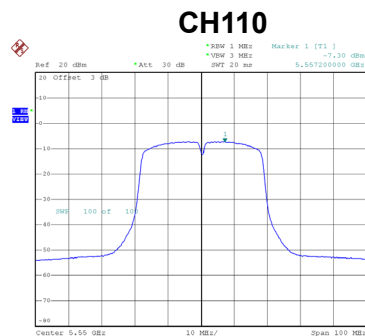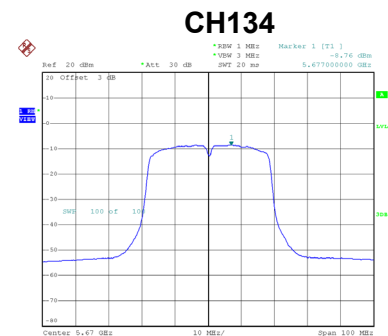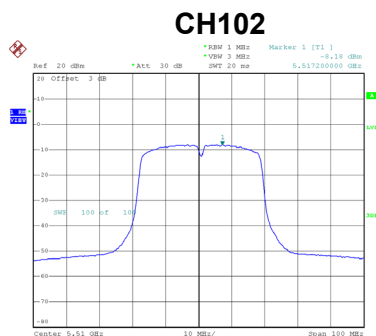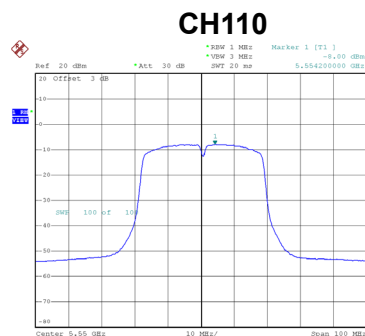| Test Mode	UNII-2C_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-3.94	10.66	Complies
110	5550	-4.12	10.66	Complies
134	5670	-6.22	10.66	Complies

Test Mode	UNII-2C_TX AC (VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-10.97	0.87	-10.10	10.66	Complies
122	5610	-13.96	0.87	-13.09	10.66	Complies

CH106

CH122

Date: 22.MAR.2019 16:31:53
Date: 22.MAR.2019 16:33:27

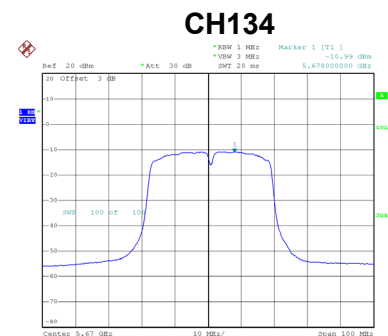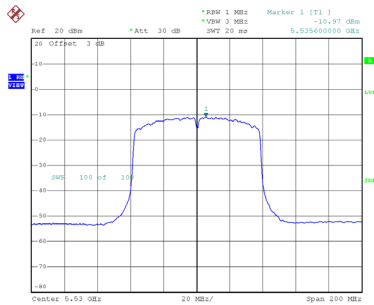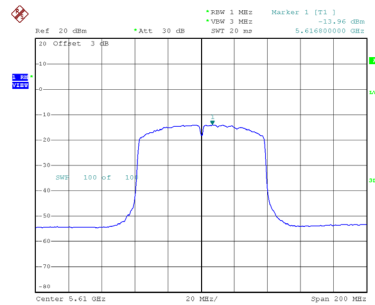| Test Mode	UNII-2C_TX AC (VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-9.53	0.87	-8.66	10.66	Complies
122	5610	-11.18	0.87	-10.31	10.66	Complies

CH106
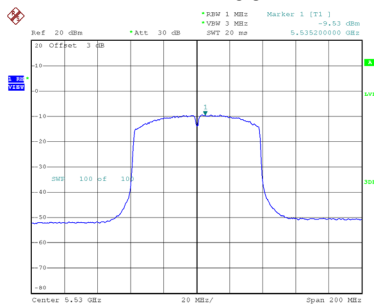
CH122

Date: 22.MAR.2019 19:20:57
Date: 22.MAR.2019 19:22:06

Test Mode	UNII-2C_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-6.31	10.66	Complies
122	5610	-8.47	10.66	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	-7.09	0.23	-6.86	29.66	Complies
157	5785	-8.16	0.23	-7.93	29.66	Complies
165	5825	-9.00	0.23	-8.77	29.66	Complies

CH149   **CH157**   **CH165**
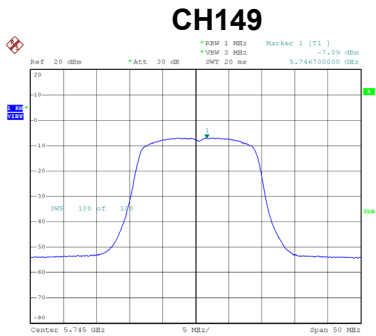
Date: 22.MAR.2019 15:56:03   Date: 22.MAR.2019 15:57:27   Date: 22.MAR.2019 15:58:43

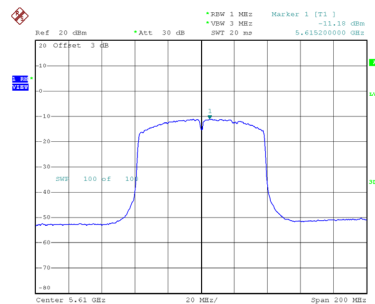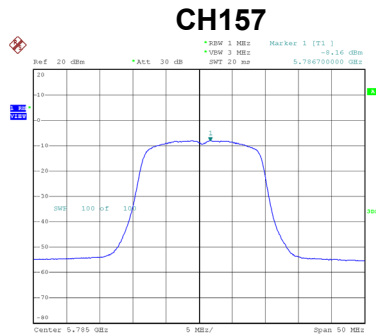| Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 2

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	-8.89	0.23	-8.66	29.66	Complies
157	5785	-9.82	0.23	-9.59	29.66	Complies
165	5825	-10.76	0.23	-10.53	29.66	Complies

CH149   **CH157**   **CH165**
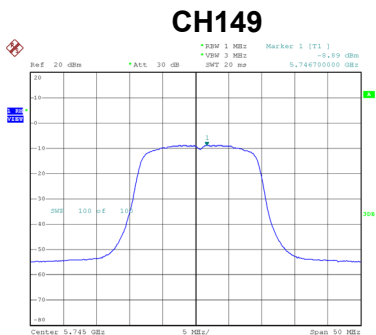
Date: 22.MAR.2019 17:49:42   Date: 22.MAR.2019 17:50:55   Date: 22.MAR.2019 17:52:07
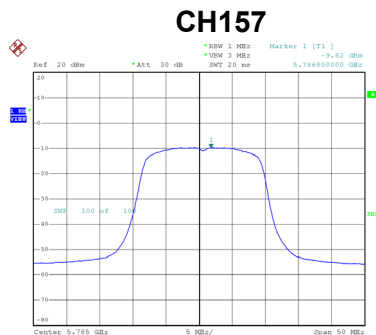
Test Mode	UNII-3_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-4.66	29.66	Complies
157	5785	-5.67	29.66	Complies
165	5825	-6.55	29.66	Complies

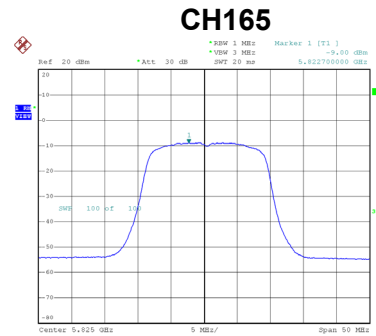| Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	-10.06	0.50	-9.56	29.66	Complies
159	5795	-11.86	0.50	-11.36	29.66	Complies

CH151

CH159

Date: 22.MAR.2019 16:25:22

Date: 22.MAR.2019 16:26:36

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

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	-14.78	0.50	-14.28	29.66	Complies
159	5795	-12.78	0.50	-12.28	29.66	Complies

CH151
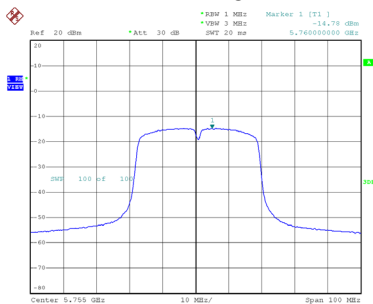
CH159

Date: 22.MAR.2019 18:43:26

Date: 22.MAR.2019 18:45:22

Test Mode	UNII-3_TX AC (VHT40) Mode_Total

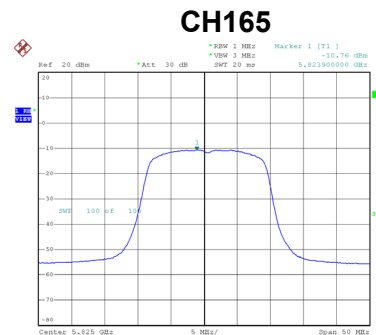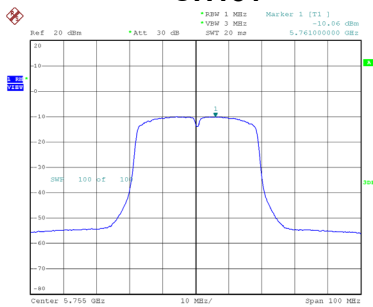| Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	-8.30	29.66	Complies
159	5795	-8.78	29.66	Complies

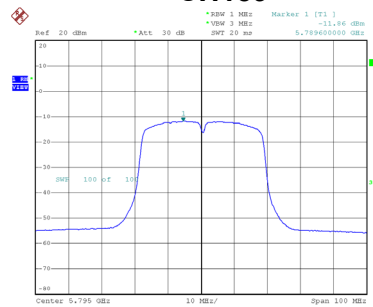| Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-13.58	0.87	-12.71	29.66	Complies

CH155

Date: 22.MAR.2019 16:35:12

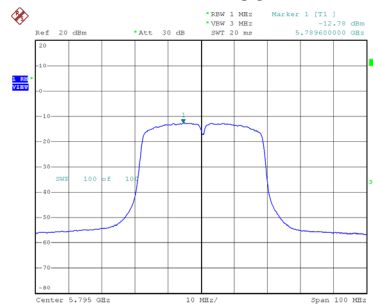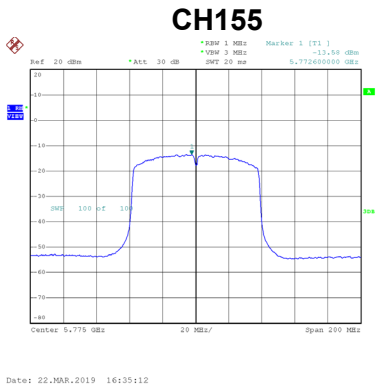| Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-14.39	0.87	-13.52	29.66	Complies

CH155

Date: 22.MAR.2019 19:23:19
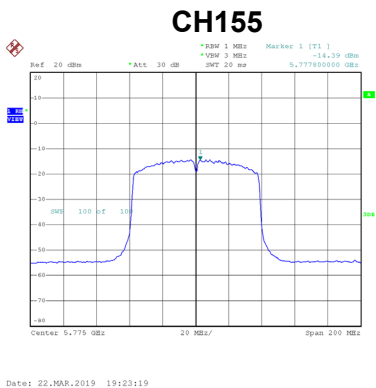
Test Mode	UNII-3_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-10.08	29.66	Complies

APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
4.5	5179.9948
5.0	5179.9984
5.5	5180.0016
Maximum Deviation (MHz)	0.0052
Maximum Deviation (ppm)	1.0039

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5180.0060
10	5180.0080
20	5180.0104
30	5180.0124
40	5180.0136
Maximum Deviation (MHz)	0.0144
Maximum Deviation (ppm)	2.7799

Test Mode	UNII-2A

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5260.0000
4.5	5259.9988
5.0	5259.9960
5.5	5259.9944
Maximum Deviation (MHz)	0.0056
Maximum Deviation (ppm)	1.0646

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5260.0000
0	5260.0016
10	5260.0044
20	5260.0072
30	5260.0080
40	5260.0092
Maximum Deviation (MHz)	0.0112
Maximum Deviation (ppm)	2.1293

Test Mode	UNII-2C

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5500.0000
4.5	5500.0004
5.0	5499.9996
5.5	5499.9948
Maximum Deviation (MHz)	0.0052
Maximum Deviation (ppm)	0.9455

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5500.0000
0	5500.0076
10	5500.0088
20	5500.0108
30	5500.0116
40	5500.0124
Maximum Deviation (MHz)	0.0140
Maximum Deviation (ppm)	2.5455

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
4.5	5745.0056
5.0	5744.9984
5.5	5744.9936
Maximum Deviation (MHz)	0.0064
Maximum Deviation (ppm)	1.1140

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5745.0112
10	5745.0156
20	5745.0188
30	5745.0204
40	5745.0220
Maximum Deviation (MHz)	0.0236
Maximum Deviation (ppm)	4.1079

End of Test Report