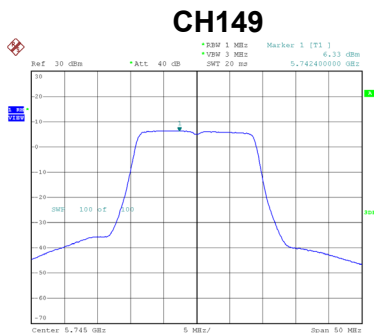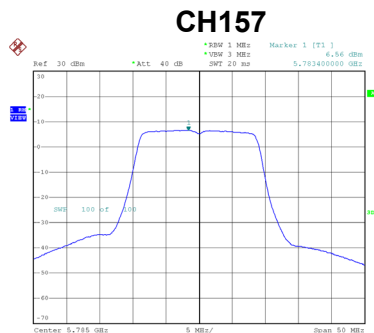| Test Mode	UNII-3_TX N (HT20) Mode_Ant. 1

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	6.33	0.00	6.33	28.50	Complies
157	5785	6.56	0.00	6.56	28.50	Complies
165	5825	7.91	0.00	7.91	28.50	Complies

CH149

Date: 16.FEB.2019 19:11:51

CH157

Date: 16.FEB.2019 19:12:51

CH165

Date: 16.FEB.2019 19:13:43

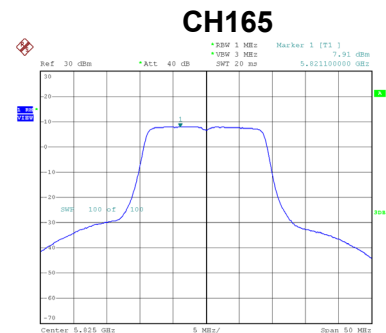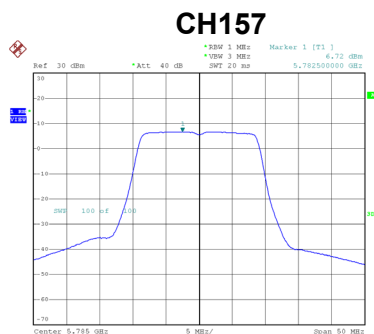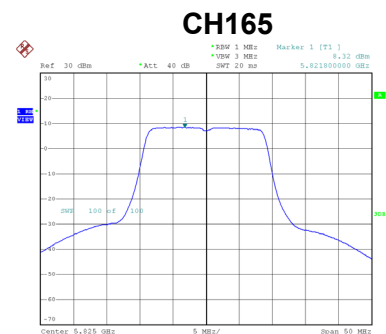| Test Mode	UNII-3_TX N (HT20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	6.56	0.00	6.56	28.50	Complies
157	5785	6.72	0.00	6.72	28.50	Complies
165	5825	8.32	0.00	8.32	28.50	Complies

CH149
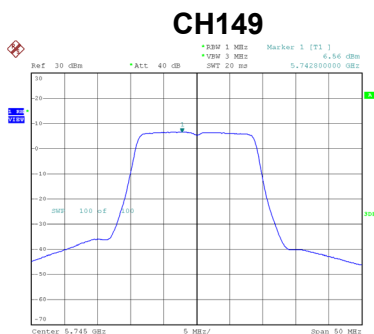
Date: 16.FEB.2019 19:50:06

CH157

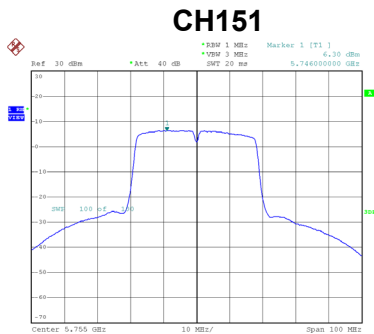Date: 16.FEB.2019 19:51:07

CH165

Date: 16.FEB.2019 19:52:15

Test Mode	UNII-3_TX N (HT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	9.46	28.50	Complies
157	5785	9.65	28.50	Complies
165	5825	11.13	28.50	Complies

Test Mode	UNII-3_TX N (HT40) 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	6.30	0.19	6.49	28.50	Complies
159	5795	7.61	0.19	7.80	28.50	Complies

CH151

Date: 16.FEB.2019 19:29:26

CH159
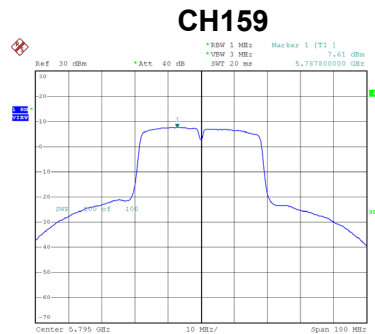
Date: 16.FEB.2019 19:34:06

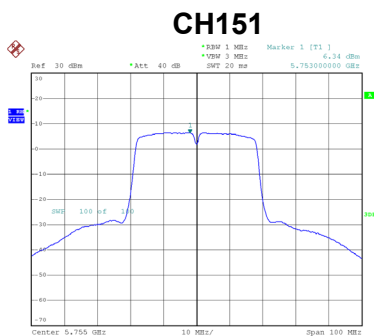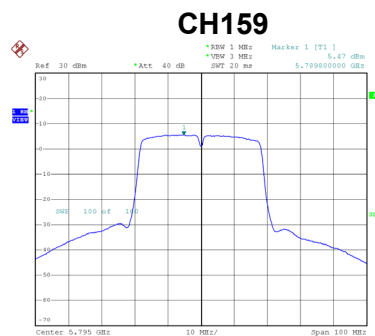| Test Mode	UNII-3_TX N (HT40) Mode_Ant. 2

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	6.34	0.19	6.53	28.50	Complies
159	5795	5.47	0.19	5.66	28.50	Complies

CH151
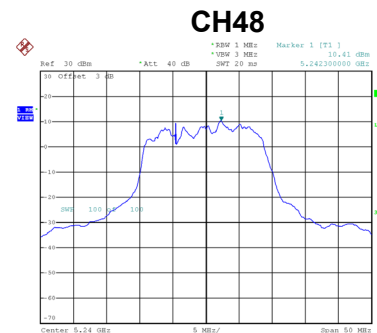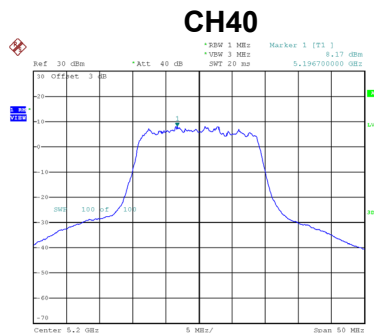

Date: 16.FEB.2019 20:00:41

CH159

Date: 16.FEB.2019 20:01:41
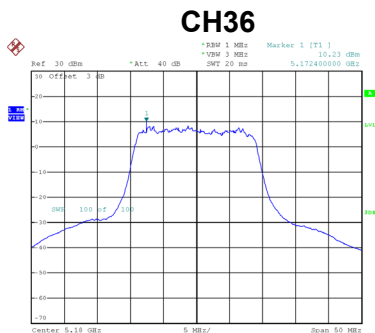
Test Mode	UNII-3_TX N (HT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	9.71	28.50	Complies
159	5795	10.06	28.50	Complies

Test Mode	UNII-1_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
36	5180	10.23	0.40	10.63	15.50	Complies
40	5200	8.17	0.40	8.57	15.50	Complies
48	5240	10.41	0.40	10.81	15.50	Complies

CH36   CH40   CH48

Date: 20.FEB.2019 20:40:38   Date: 20.FEB.2019 20:39:10   Date: 20.FEB.2019 20:34:19

Test Mode	UNII-1_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
36	5180	10.18	0.40	10.58	15.50	Complies
40	5200	8.01	0.40	8.41	15.50	Complies
48	5240	9.72	0.40	10.12	15.50	Complies

CH36   CH40   CH48

Date: 20.FEB.2019 20:49:05   Date: 20.FEB.2019 20:37:53   Date: 20.FEB.2019 20:36:30
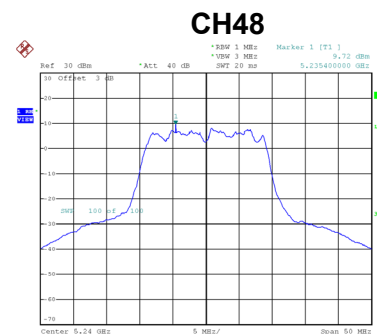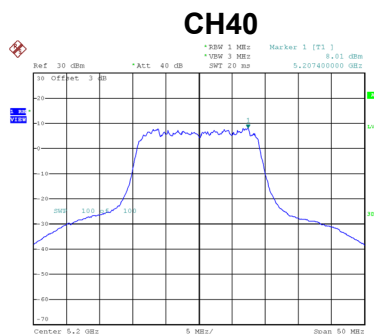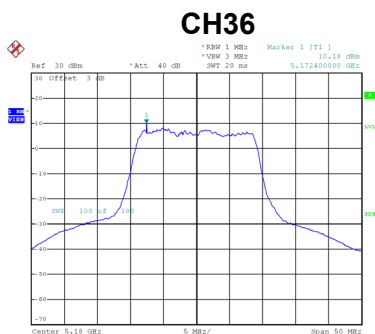
Test Mode	UNII-1_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	14.01	15.50	Complies
40	5200	11.90	15.50	Complies
48	5240	13.89	15.50	Complies

Test Mode	UNII-1_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
38	5190	2.89	0.83	3.72	15.50	Complies
46	5230	9.56	0.83	10.39	15.50	Complies

CH38

CH46
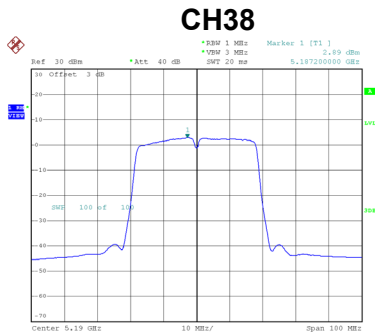
Date: 16.FEB.2019 19:35:39
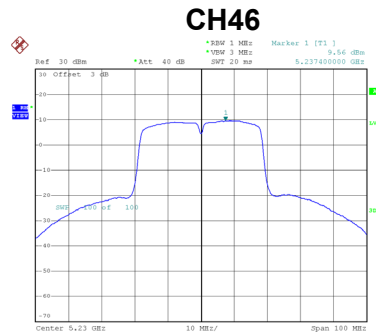
Date: 16.FEB.2019 19:37:19

Test Mode	UNII-1_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
38	5190	3.29	0.83	4.12	15.50	Complies
46	5230	8.53	0.83	9.36	15.50	Complies

CH38

CH46
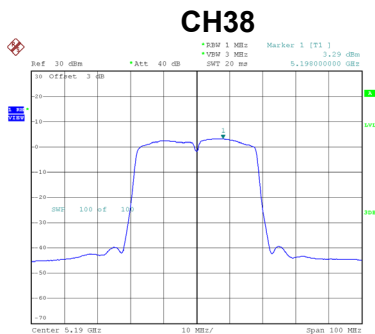
Date: 16.FEB.2019 20:02:37
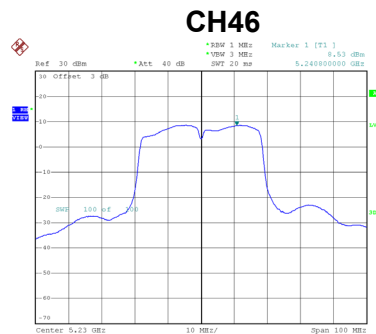
Date: 16.FEB.2019 20:03:51

Test Mode	UNII-1_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	7.77	15.50	Complies
46	5230	13.75	15.50	Complies

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	-3.05	0.62	-2.43	15.50	Complies
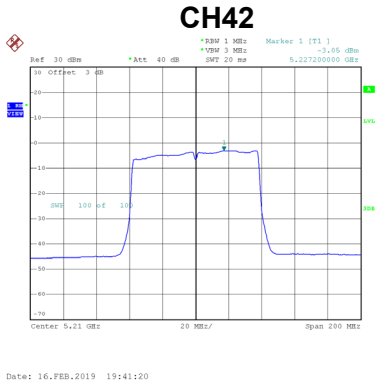
CH42

Date: 16.FEB.2019 19:41:20

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	-2.84	0.62	-2.22	15.50	Complies

CH42

Date: 16.FEB.2019 20:07:18

Test Mode	UNII-1_TX AC (VHT80) Mode_Total

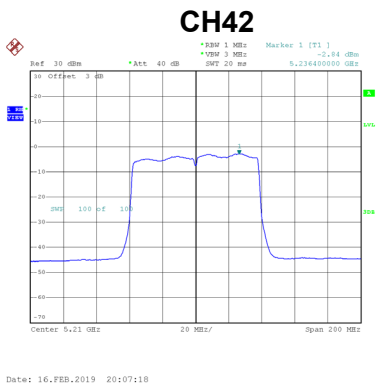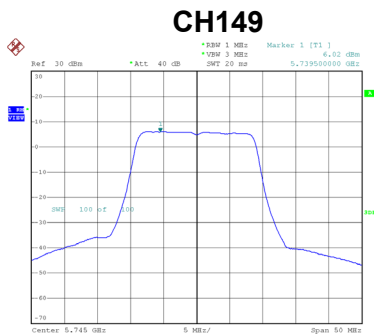| Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	1.30	15.50	Complies

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	6.02	0.40	6.42	28.50	Complies
157	5785	6.26	0.40	6.66	28.50	Complies
165	5825	8.10	0.40	8.50	28.50	Complies

CH149   CH157   CH165

Date: 16.FEB.2019 19:21:03   Date: 16.FEB.2019 19:22:25   Date: 16.FEB.2019 20:11:22
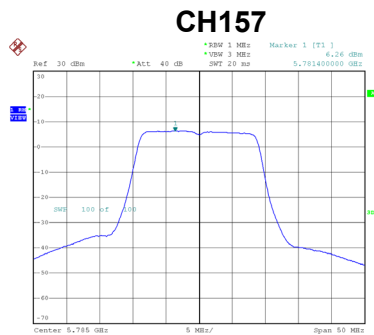
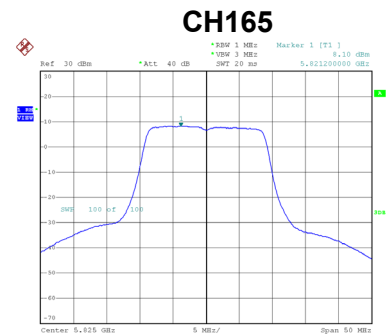| Test Mode	UNII-3_TX AC (VHT20) Mode_Ant. 2

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	6.28	0.40	6.68	28.50	Complies
157	5785	5.76	0.40	6.16	28.50	Complies
165	5825	8.03	0.40	8.43	28.50	Complies

CH149   CH157   CH165
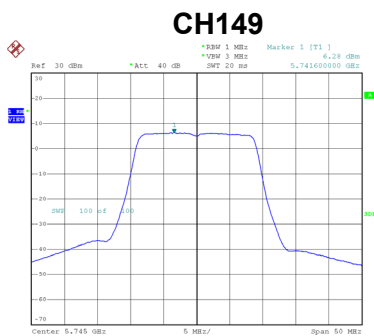
Date: 16.FEB.2019 19:55:55   Date: 16.FEB.2019 19:56:53   Date: 16.FEB.2019 19:57:50
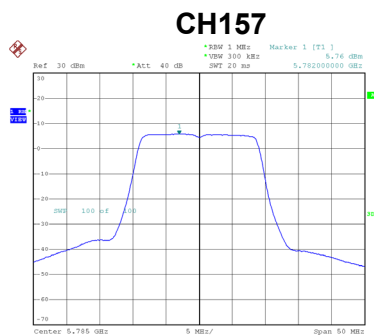
Test Mode	UNII-3_TX AC (VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	9.96	28.50	Complies
157	5785	9.83	28.50	Complies
165	5825	11.87	28.50	Complies

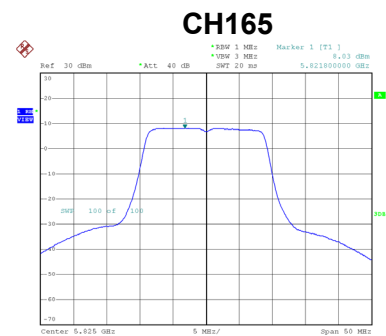| Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1

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	6.36	0.83	7.19	28.50	Complies
159	5795	6.87	0.83	7.70	28.50	Complies

CH151 **CH159**
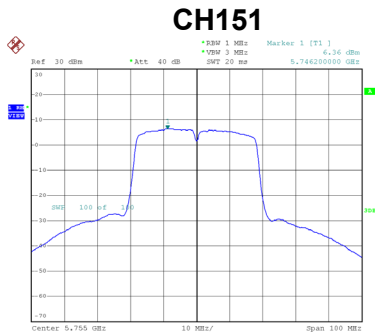
Date: 16.FEB.2019 19:38:41   Date: 16.FEB.2019 19:39:49
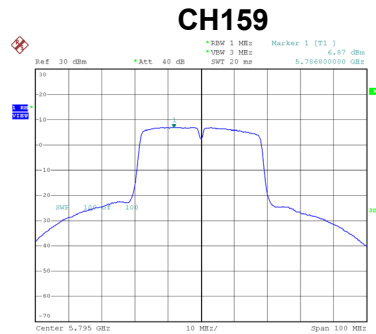
Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 2

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	5.83	0.83	6.66	28.50	Complies
159	5795	7.13	0.83	7.96	28.50	Complies

CH151 **CH159**

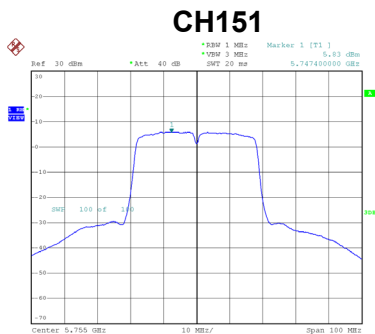Date: 16.FEB.2019 20:05:04   Date: 16.FEB.2019 20:06:10
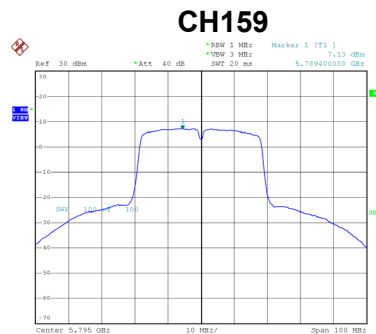
Test Mode	UNII-3_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	10.77	28.50	Complies
159	5795	11.67	28.50	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	3.23	0.62	3.85	28.50	Complies
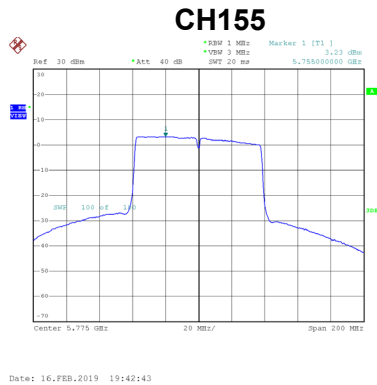
CH155

Date: 16.FEB.2019 19:42:43

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	2.79	0.62	3.41	28.50	Complies

CH155

Date: 16.FEB.2019 20:08:46
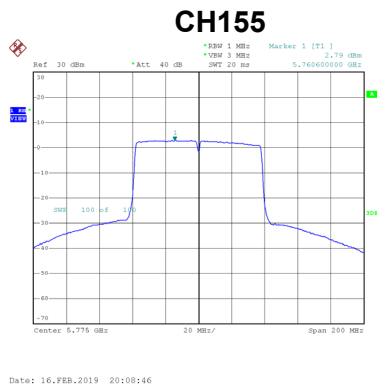
Test Mode	UNII-3_TX AC (VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	7.26	28.50	Complies

APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5179.9888
120	5179.9888
108	5179.9884
Maximum Deviation (MHz)	0.0116
Maximum Deviation (ppm)	2.2394

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5179.9884
10	5179.9880
20	5179.9880
30	5179.9876
40	5179.9876
Maximum Deviation (MHz)	0.0124
Maximum Deviation (ppm)	2.3938

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5744.9852
120	5744.9852
108	5744.9852
Maximum Deviation (MHz)	0.0148
Maximum Deviation (ppm)	2.5762

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5744.9848
10	5744.9848
20	5744.9848
30	5744.9844
40	5744.9844
Maximum Deviation (MHz)	0.0156
Maximum Deviation (ppm)	2.7154

End of Test Report