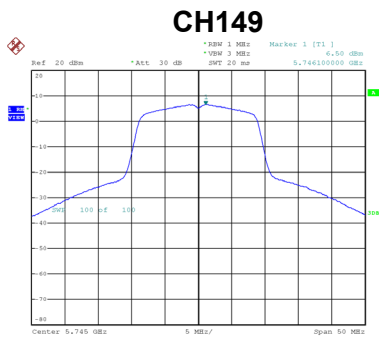
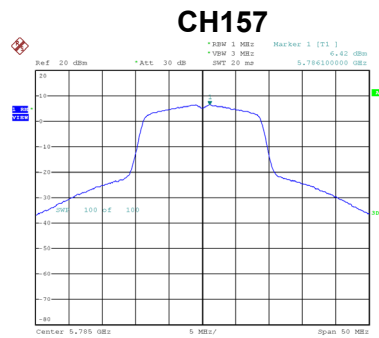


Test Mode UNII-3_TX N (HT20) Mode_Ant. 1

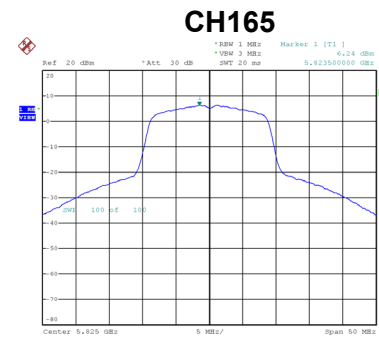
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	6.50	0.25	6.75	30.00	Complies
157	5785	6.42	0.25	6.67	30.00	Complies
165	5825	6.24	0.25	6.49	30.00	Complies



Date: 26.OCT.2019 17:26:30



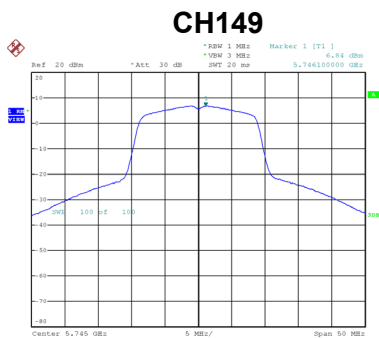
Date: 26.OCT.2019 17:27:07



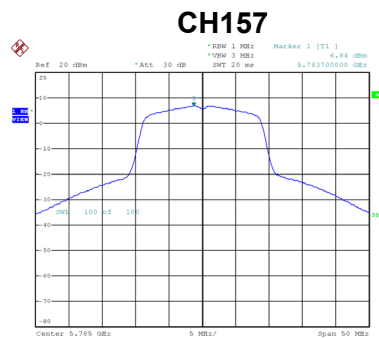
Date: 26.OCT.2019 17:27:24

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

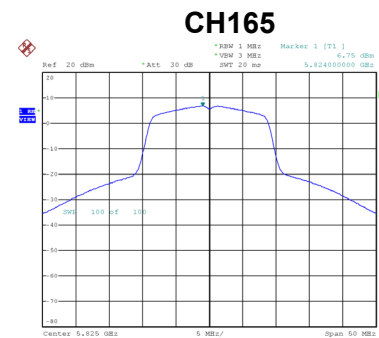
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	6.84	0.25	7.09	30.00	Complies
157	5785	6.84	0.25	7.09	30.00	Complies
165	5825	6.75	0.25	7.00	30.00	Complies



Date: 26.OCT.2019 17:43:06



Date: 26.OCT.2019 17:43:30



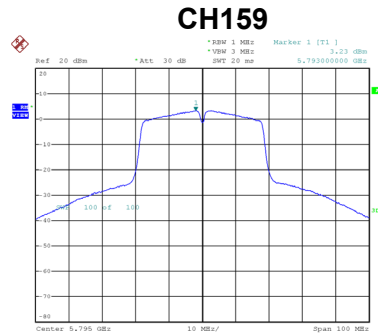
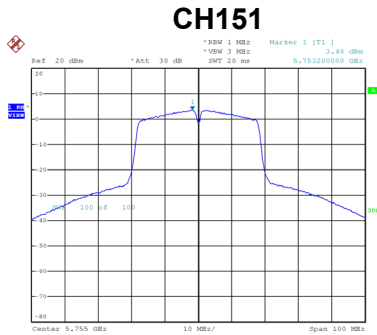
Date: 26.OCT.2019 17:43:50

Test Mode	UNII-3_TX N (HT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	9.94	30.00	Complies
157	5785	9.90	30.00	Complies
165	5825	9.77	30.00	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	3.48	0.23	3.71	30.00	Complies
159	5795	3.23	0.23	3.46	30.00	Complies

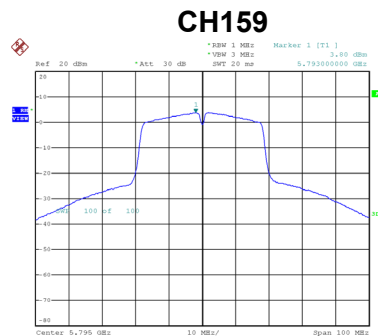
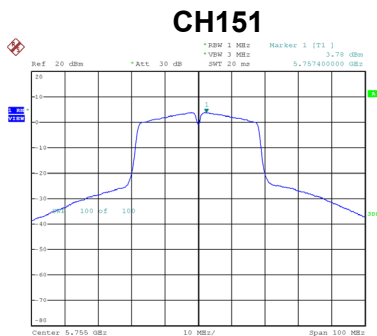


Date: 26.OCT.2019 17:33:43

Date: 26.OCT.2019 17:34:06

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	3.78	0.23	4.01	30.00	Complies
159	5795	3.80	0.23	4.03	30.00	Complies



Date: 26.OCT.2019 17:48:03

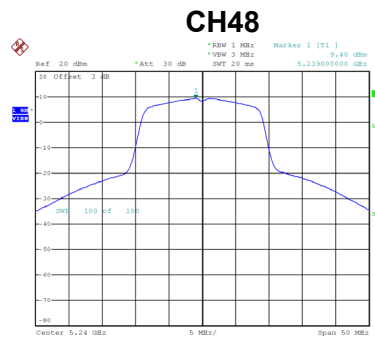
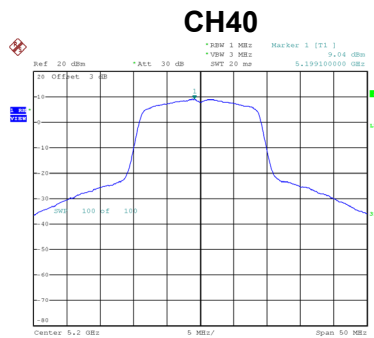
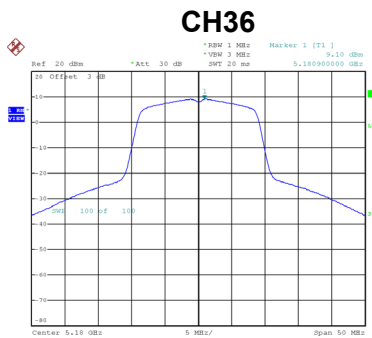
Date: 26.OCT.2019 17:48:27

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	6.88	30.00	Complies
159	5795	6.77	30.00	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	9.10	0.43	9.53	17.00	Complies
40	5200	9.04	0.43	9.47	17.00	Complies
48	5240	9.40	0.43	9.83	17.00	Complies



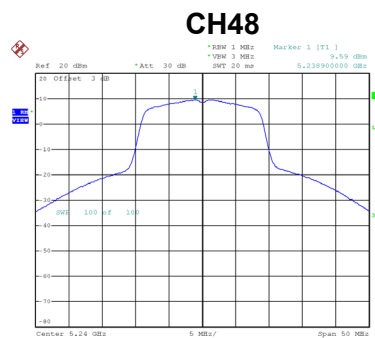
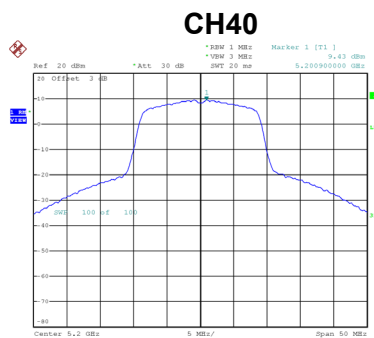
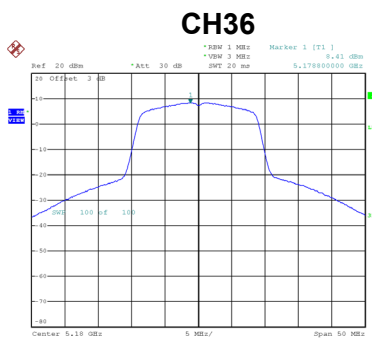
Date: 26.OCT.2019 17:27:54

Date: 26.OCT.2019 17:28:13

Date: 26.OCT.2019 17:28:37

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	8.41	0.43	8.84	17.00	Complies
40	5200	9.43	0.43	9.86	17.00	Complies
48	5240	9.59	0.43	10.02	17.00	Complies



Date: 26.OCT.2019 17:44:13

Date: 26.OCT.2019 17:44:46

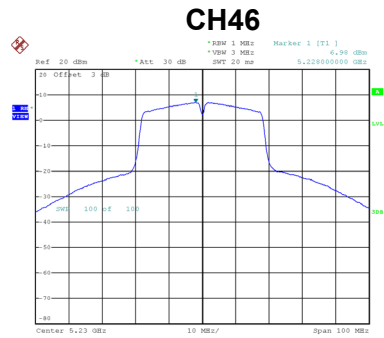
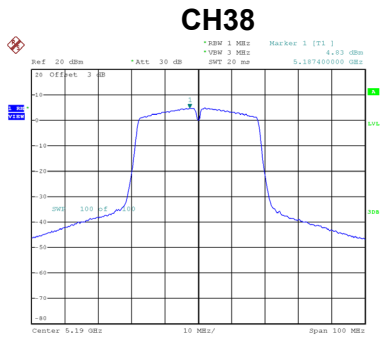
Date: 26.OCT.2019 17:45:00

Test Mode	UNII-1_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	12.21	17.00	Complies
40	5200	12.68	17.00	Complies
48	5240	12.94	17.00	Complies

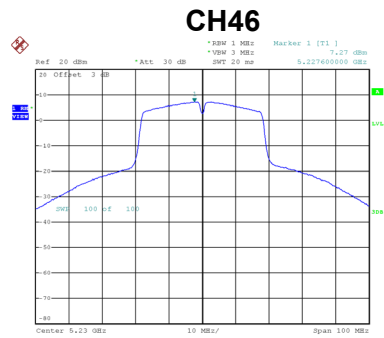
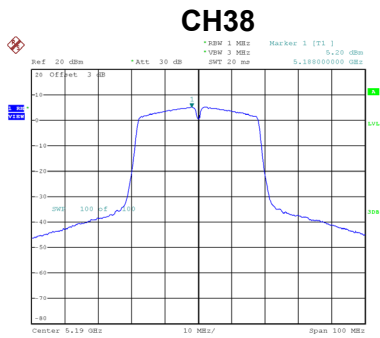
Test Mode	UNII-1_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	4.83	0.47	5.30	17.00	Complies
46	5230	6.98	0.47	7.45	17.00	Complies



Test Mode	UNII-1_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
38	5190	5.20	0.47	5.67	17.00	Complies
46	5230	7.27	0.47	7.74	17.00	Complies

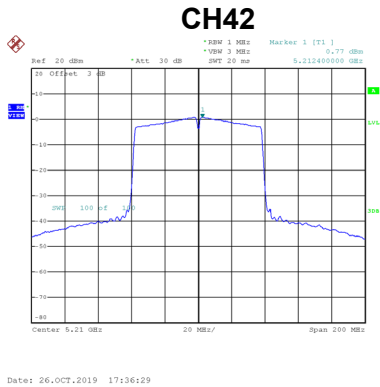


Test Mode	UNII-1_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	8.50	17.00	Complies
46	5230	10.61	17.00	Complies

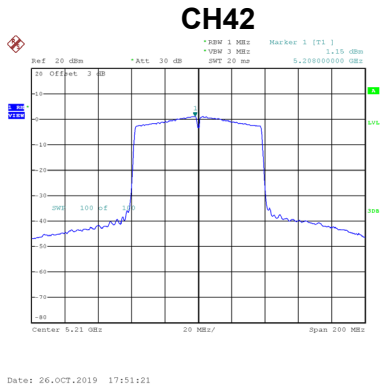
Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	0.77	0.43	1.20	17.00	Complies



Test Mode	UNII-1_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
42	5210	1.15	0.43	1.58	17.00	Complies

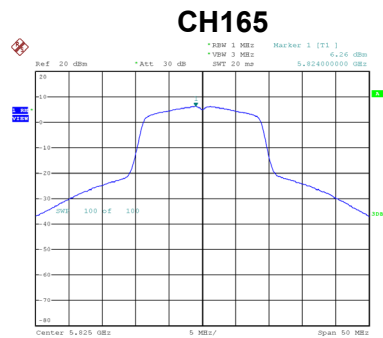
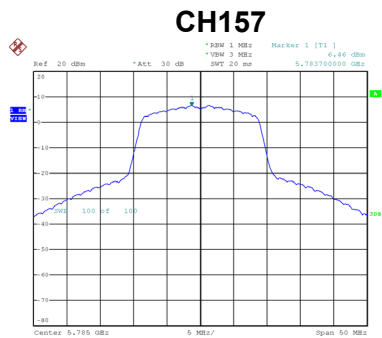
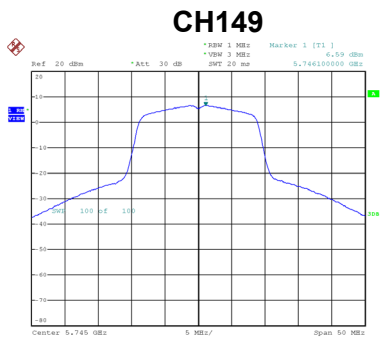


Test Mode	UNII-1_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	4.41	17.00	Complies

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	6.59	0.43	7.02	30.00	Complies
157	5785	6.46	0.43	6.89	30.00	Complies
165	5825	6.26	0.43	6.69	30.00	Complies



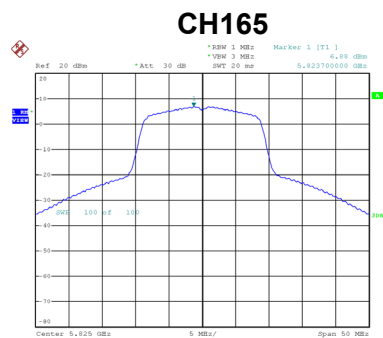
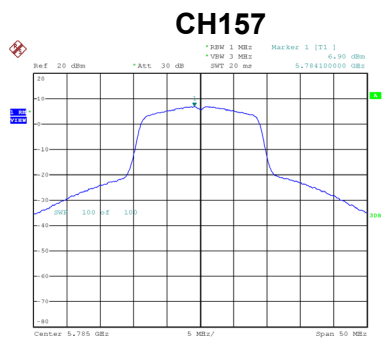
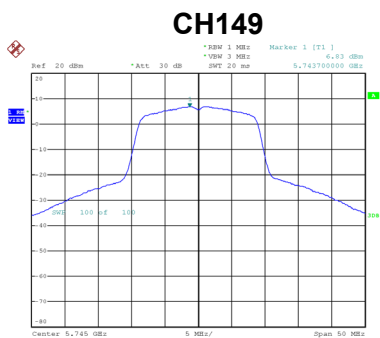
Date: 26.OCT.2019 17:28:59

Date: 26.OCT.2019 17:29:19

Date: 26.OCT.2019 17:29:40

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	6.83	0.43	7.26	30.00	Complies
157	5785	6.90	0.43	7.33	30.00	Complies
165	5825	6.88	0.43	7.31	30.00	Complies



Date: 26.OCT.2019 17:45:39

Date: 26.OCT.2019 17:45:57

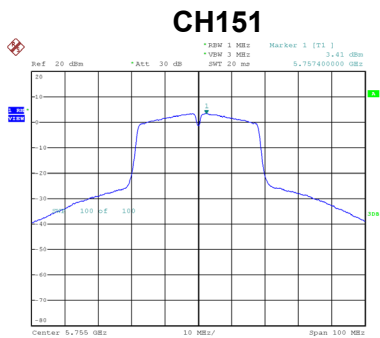
Date: 26.OCT.2019 17:46:18

Test Mode	UNII-3_TX AC (VHT20) Mode_Total
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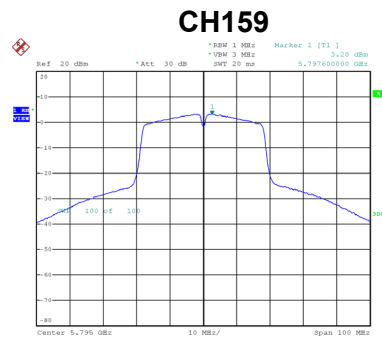
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	10.16	30.00	Complies
157	5785	10.13	30.00	Complies
165	5825	10.03	30.00	Complies

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	3.41	0.47	3.88	30.00	Complies
159	5795	3.20	0.47	3.67	30.00	Complies



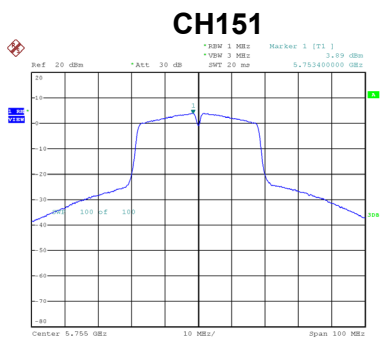
Date: 26.OCT.2019 17:35:27



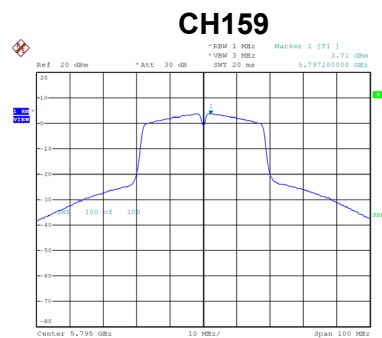
Date: 26.OCT.2019 17:35:50

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	3.89	0.47	4.36	30.00	Complies
159	5795	3.71	0.47	4.18	30.00	Complies



Date: 26.OCT.2019 17:50:03



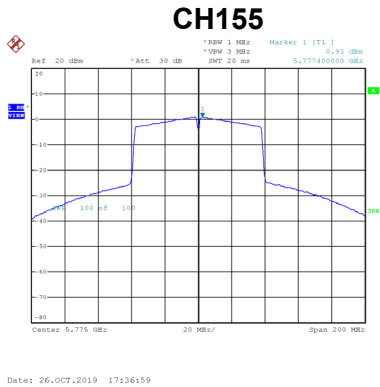
Date: 26.OCT.2019 17:50:36

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	7.14	30.00	Complies
159	5795	6.95	30.00	Complies

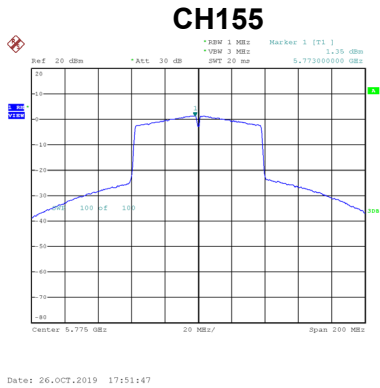
Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	0.93	0.43	1.36	30.00	Complies



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	1.35	0.43	1.78	30.00	Complies



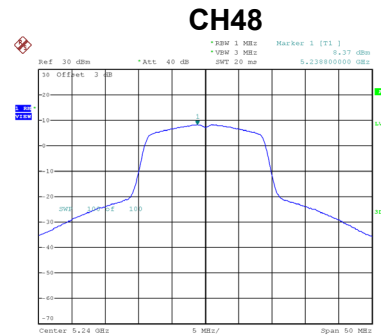
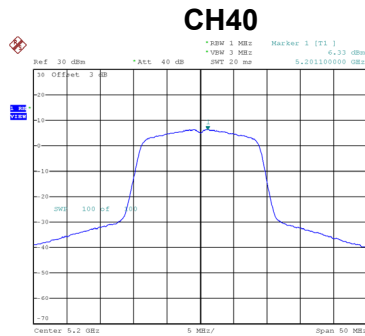
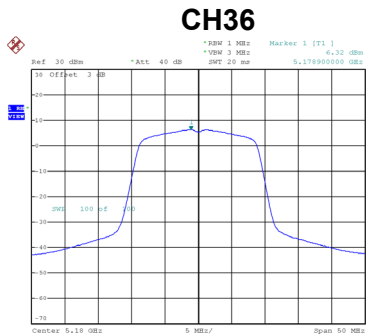
Test Mode	UNII-3_TX AC (VHT80) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	4.59	30.00	Complies

With Beamforming

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	6.32	0.43	6.75	17.00	Complies
40	5200	6.33	0.43	6.76	17.00	Complies
48	5240	8.37	0.43	8.80	17.00	Complies



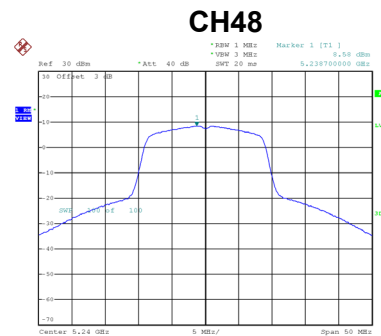
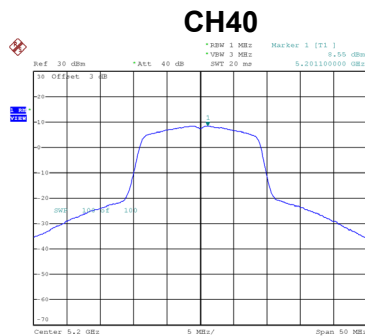
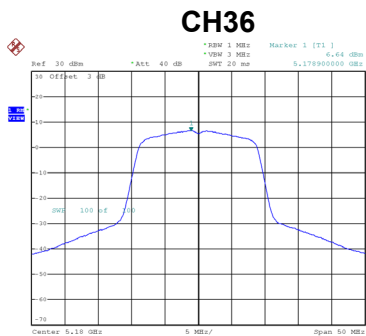
Date: 16.OCT.2019 22:37:32

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Date: 16.OCT.2019 22:21:46

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	6.64	0.43	7.07	17.00	Complies
40	5200	8.55	0.43	8.98	17.00	Complies
48	5240	8.58	0.43	9.01	17.00	Complies



Date: 16.OCT.2019 22:39:10

Date: 16.OCT.2019 22:39:35

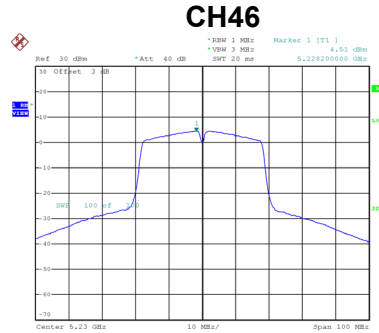
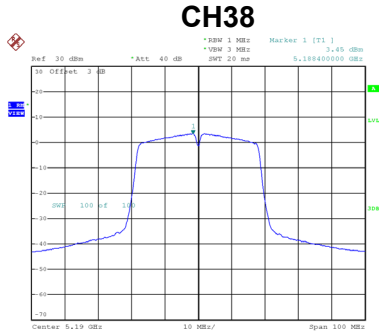
Date: 16.OCT.2019 22:39:57

Test Mode	UNII-1_TX AC (VHT20) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	9.93	17.00	Complies
40	5200	11.03	17.00	Complies
48	5240	11.92	17.00	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	3.45	0.47	3.92	17.00	Complies
46	5230	4.51	0.47	4.98	17.00	Complies

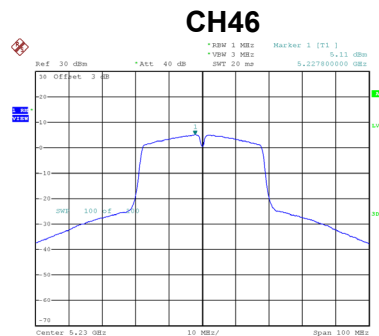
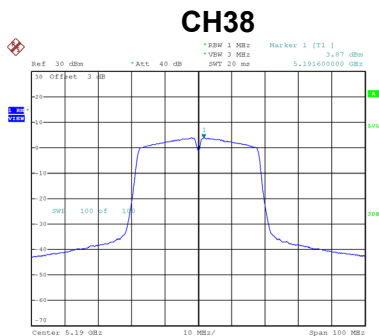


Date: 16.OCT.2019 22:26:43

Date: 16.OCT.2019 22:28:22

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	3.87	0.47	4.34	17.00	Complies
46	5230	5.11	0.47	5.58	17.00	Complies



Date: 16.OCT.2019 22:42:41

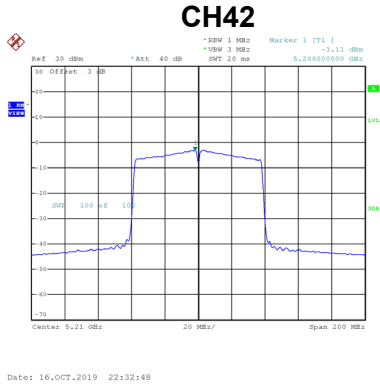
Date: 16.OCT.2019 22:43:10

Test Mode UNII-1_TX AC (VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	7.15	17.00	Complies
46	5230	8.30	17.00	Complies

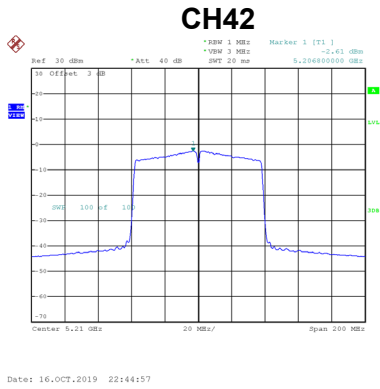
Test Mode	UNII-1_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	-3.11	0.43	-2.68	17.00	Complies



Test Mode	UNII-1_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
42	5210	-2.61	0.43	-2.18	17.00	Complies

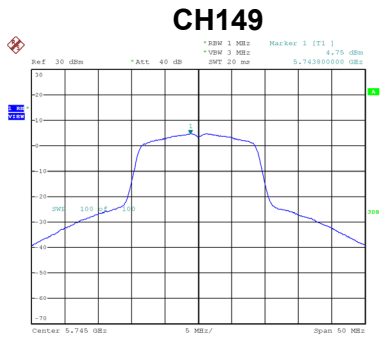


Test Mode	UNII-1_TX AC (VHT80) Mode_Total
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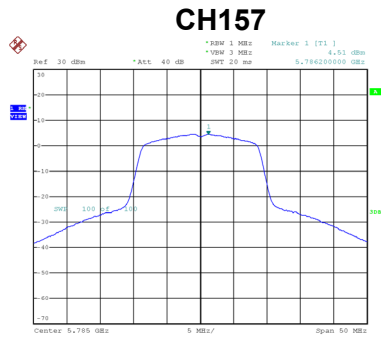
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	0.59	17.00	Complies

Test Mode UNII-3_TX AC (VHT20) Mode_Ant. 1

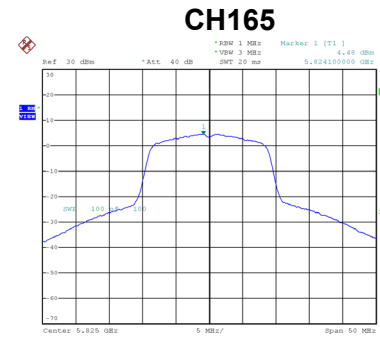
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	4.75	0.43	5.18	30.00	Complies
157	5785	4.51	0.43	4.94	30.00	Complies
165	5825	4.48	0.43	4.91	30.00	Complies



Date: 16.OCT.2019 22:22:38



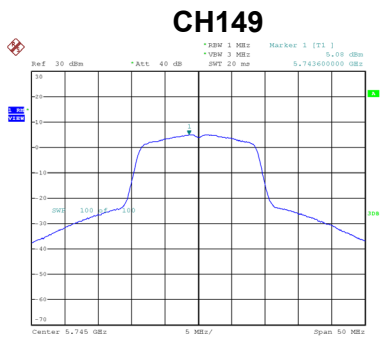
Date: 16.OCT.2019 22:23:33



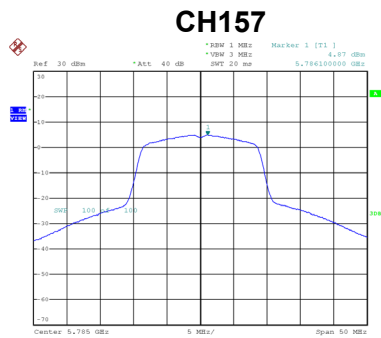
Date: 16.OCT.2019 22:24:25

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	5.08	0.43	5.51	30.00	Complies
157	5785	4.87	0.43	5.30	30.00	Complies
165	5825	5.00	0.43	5.43	30.00	Complies



Date: 16.OCT.2019 22:40:24



Date: 16.OCT.2019 22:41:25



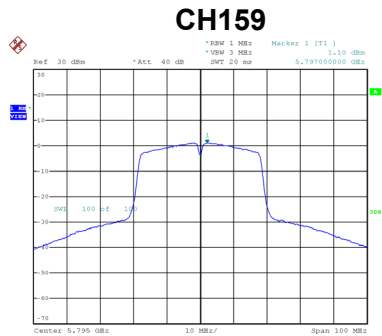
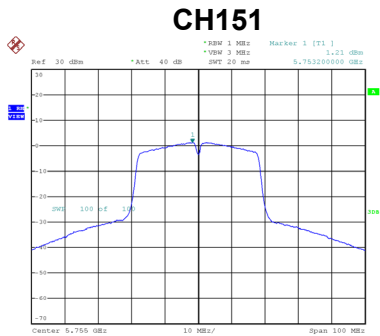
Date: 16.OCT.2019 22:41:59

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	8.36	30.00	Complies
157	5785	8.14	30.00	Complies
165	5825	8.19	30.00	Complies

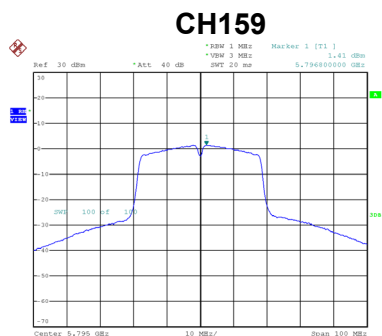
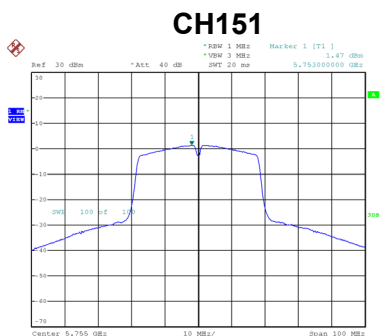
Test Mode	UNII-3_TX AC (VHT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	1.21	0.47	1.68	30.00	Complies
159	5795	1.10	0.47	1.57	30.00	Complies



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	1.47	0.47	1.94	30.00	Complies
159	5795	1.41	0.47	1.88	30.00	Complies

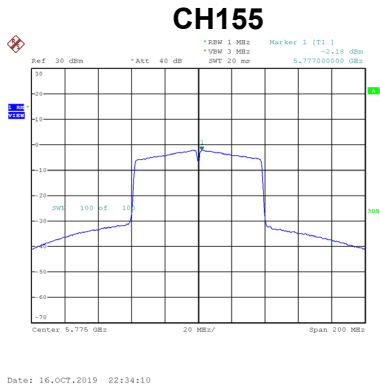


Test Mode	UNII-3_TX AC (VHT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	4.83	30.00	Complies
159	5795	4.74	30.00	Complies

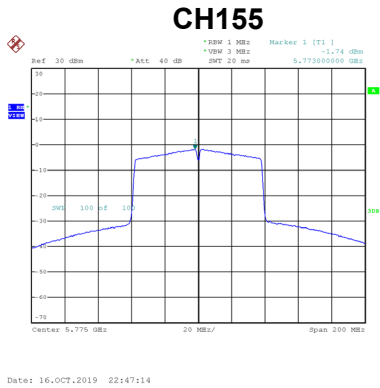
Test Mode	UNII-3_TX AC (VHT80) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	-2.18	0.43	-1.75	30.00	Complies



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	-1.74	0.43	-1.31	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	1.49	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	5179.9864
120	5179.9860
108	5179.9860
Maximum Deviation (MHz)	0.0140
Maximum Deviation (ppm)	2.7027

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5179.9860
5	5179.9856
15	5179.9856
25	5179.9856
35	5179.9856
40	5179.9852
Maximum Deviation (MHz)	0.0148
Maximum Deviation (ppm)	2.8571

Test Mode	UNII-3
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Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5744.9852
120	5744.9844
108	5744.9840
Maximum Deviation (MHz)	0.0160
Maximum Deviation (ppm)	2.7850

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5744.9836
5	5744.9836
15	5744.9836
25	5744.9836
35	5744.9836
40	5744.9832
Maximum Deviation (MHz)	0.0168
Maximum Deviation (ppm)	2.9243

End of Test Report