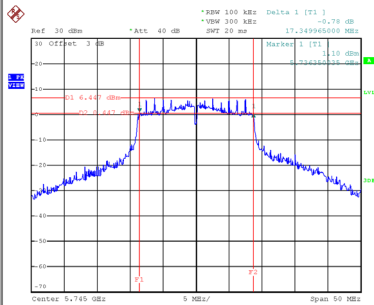


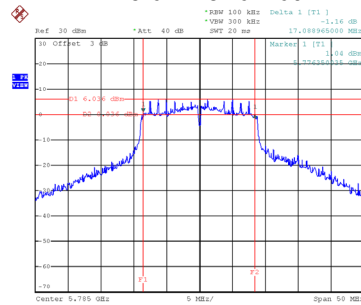
Test Mode UNII-3_TX N (HT20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	17.35	20.70	500	Complies
157	5785	17.09	21.10	500	Complies
165	5825	16.99	22.30	500	Complies

CH149

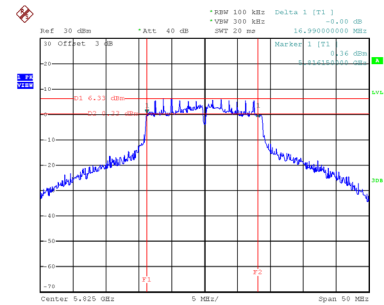


Date: 23 JUN 2020 14:06:55

CH157
6 dB Bandwidth


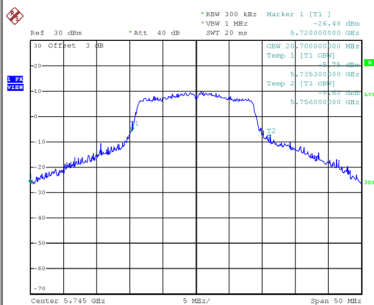
Date: 23 JUN 2020 14:08:39

CH165

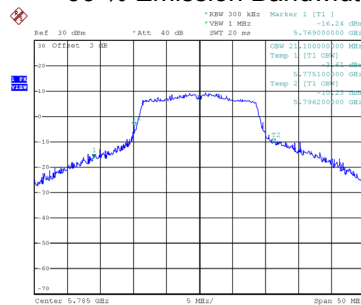


Date: 23 JUN 2020 14:09:36

CH149

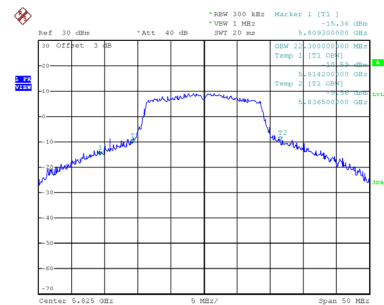


Date: 23 JUN 2020 14:06:33

CH157
99 % Emission Bandwidth


Date: 23 JUN 2020 14:08:15

CH165

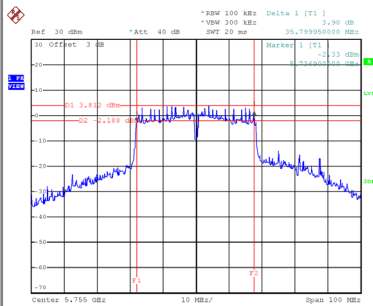


Date: 23 JUN 2020 14:09:13

Test Mode	UNII-3_TX N (HT40) Mode
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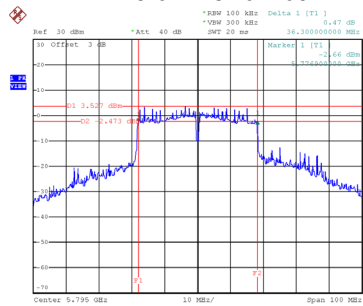
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	35.80	44.60	500	Complies
159	5795	36.30	46.40	500	Complies

CH151



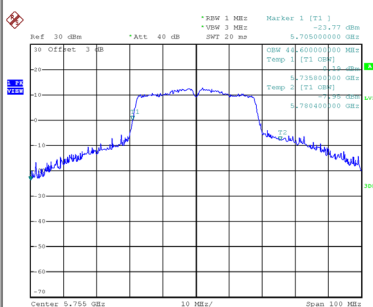
Date: 23.JUN.2020 14:51:48

CH159
6 dB Bandwidth



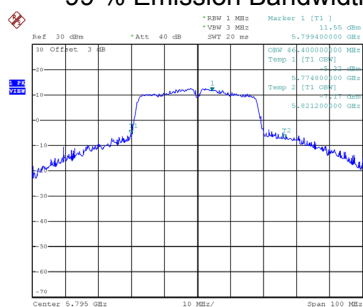
Date: 23.JUN.2020 14:53:34

CH151



Date: 23.JUN.2020 14:51:18

CH159
99 % Emission Bandwidth

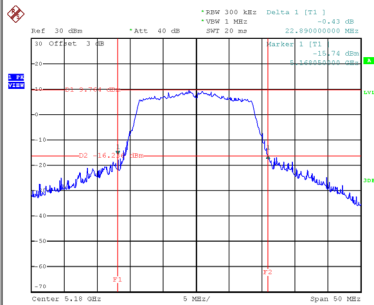


Date: 23.JUN.2020 14:53:05

Test Mode	UNII-1_TX AC (VHT20) Mode
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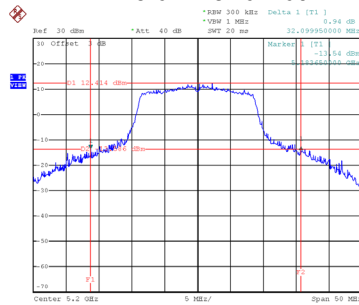
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)
36	5180	22.89	18.30
40	5200	32.10	18.90
48	5240	33.65	18.90

CH36



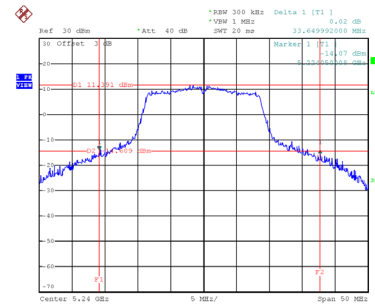
Date: 23 JUN 2020 14:10:38

CH40
26 dB Bandwidth



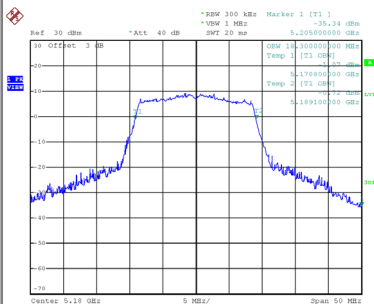
Date: 23 JUN 2020 14:11:01

CH48

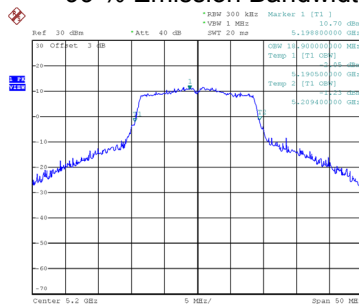


Date: 23 JUN 2020 14:12:20

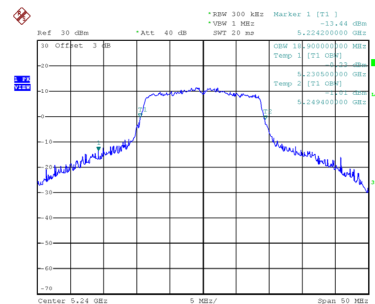
99 % Emission Bandwidth



Date: 23 JUN 2020 14:10:16



Date: 23 JUN 2020 14:11:14



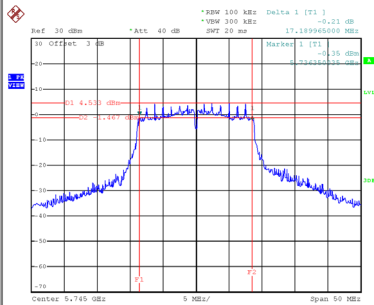
Date: 23 JUN 2020 14:12:05



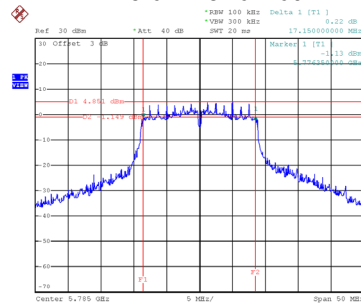
Test Mode UNII-3_TX AC (VHT20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
149	5745	17.19	18.60	500	Complies
157	5785	17.15	18.90	500	Complies
165	5825	17.39	19.00	500	Complies

CH149

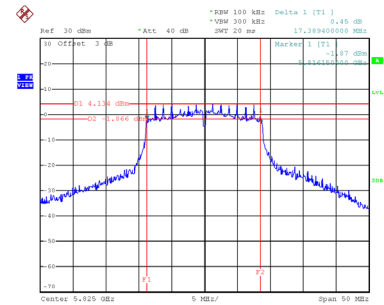


Date: 23 JUN 2020 14:37:08

CH157
6 dB Bandwidth


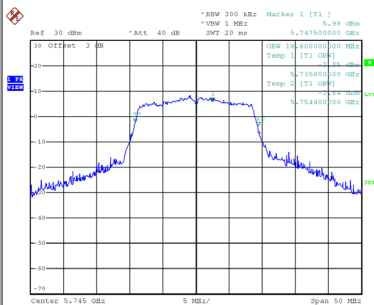
Date: 23 JUN 2020 14:45:48

CH165

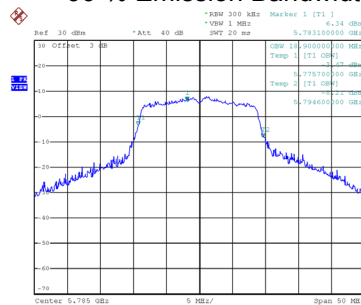


Date: 23 JUN 2020 14:46:58

CH149

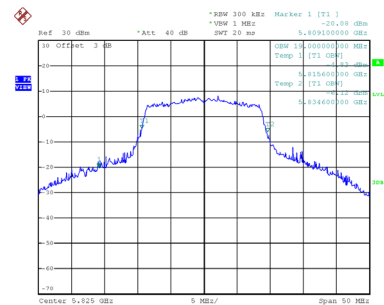


Date: 23 JUN 2020 14:36:45

CH157
99 % Emission Bandwidth


Date: 23 JUN 2020 14:45:25

CH165

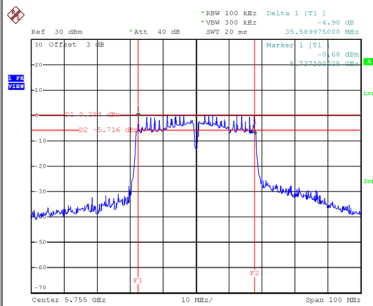


Date: 23 JUN 2020 14:46:37

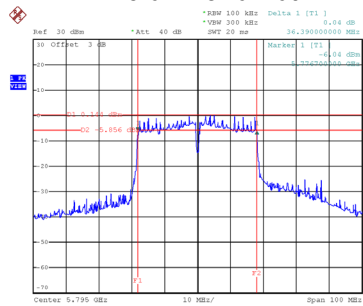
Test Mode	UNII-3_TX AC (VHT40) Mode
-----------	---------------------------

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
151	5755	35.59	37.00	500	Complies
159	5795	36.39	37.40	500	Complies

CH151

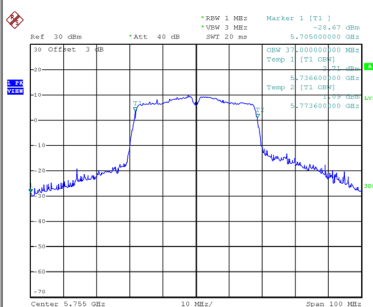


Date: 23.JUN.2020 15:00:50

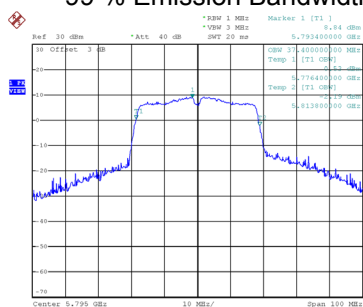
CH159
6 dB Bandwidth


Date: 23.JUN.2020 15:02:23

CH151



Date: 23.JUN.2020 15:00:18

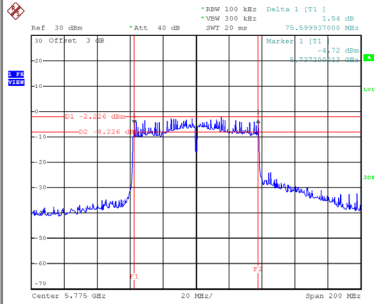
CH159
99 % Emission Bandwidth


Date: 23.JUN.2020 15:01:55

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

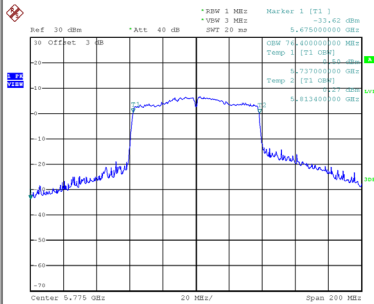
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Emission Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
155	5775	75.60	76.40	500	Complies

CH155 6 dB Bandwidth



Date: 23.JUN.2020 15:11:23

CH155 99 % Emission Bandwidth



Date: 23.JUN.2020 15:10:56

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	15.71	0.12	15.83	30.00	1.00	Complies
40	5200	15.84	0.12	15.96	30.00	1.00	Complies
48	5240	15.87	0.12	15.99	30.00	1.00	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	15.47	0.13	15.60	30.00	1.00	Complies
40	5200	15.34	0.13	15.47	30.00	1.00	Complies
48	5240	15.32	0.13	15.45	30.00	1.00	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	11.19	0.29	11.48	30.00	1.00	Complies
46	5230	14.86	0.29	15.15	30.00	1.00	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	15.96	0.12	16.08	30.00	1.00	Complies
157	5785	15.87	0.12	15.99	30.00	1.00	Complies
165	5825	15.83	0.12	15.95	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	15.21	0.13	15.34	30.00	1.00	Complies
157	5785	14.75	0.13	14.88	30.00	1.00	Complies
165	5825	14.81	0.13	14.94	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	14.72	0.29	15.01	30.00	1.00	Complies
159	5795	14.86	0.29	15.15	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	12.39	0.13	12.52	30.00	1.00	Complies
40	5200	12.95	0.13	13.08	30.00	1.00	Complies
48	5240	12.93	0.13	13.06	30.00	1.00	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	11.21	0.26	11.47	30.00	1.00	Complies
46	5230	12.12	0.26	12.38	30.00	1.00	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	11.67	0.50	12.17	30.00	1.00	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	12.87	0.13	13.00	30.00	1.00	Complies
157	5785	12.94	0.13	13.07	30.00	1.00	Complies
165	5825	12.88	0.13	13.01	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	12.48	0.26	12.74	30.00	1.00	Complies
159	5795	12.27	0.26	12.53	30.00	1.00	Complies

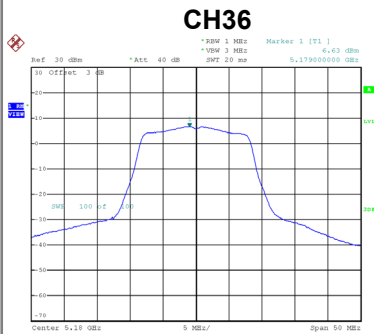
Test Mode	UNII-3_TX AC (VHT80) Mode
-----------	---------------------------

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Duty Factor	Conducted Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	12.39	0.50	12.89	30.00	1.00	Complies

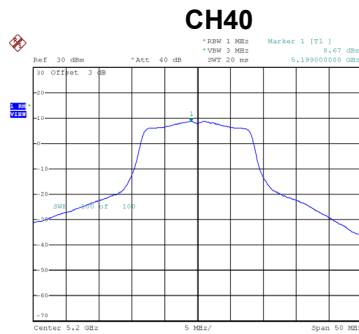
APPENDIX G - POWER SPECTRAL DENSITY

Test Mode UNII-1_TX A Mode

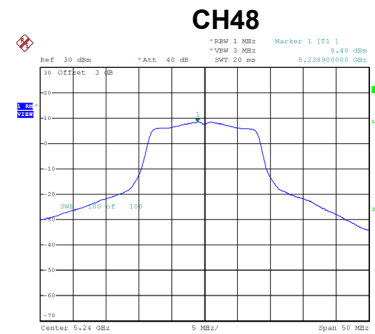
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	6.63	0.12	6.75	17.00	Complies
40	5200	8.67	0.12	8.79	17.00	Complies
48	5240	8.40	0.12	8.52	17.00	Complies



Date: 23 JUN 2020 13:51:01



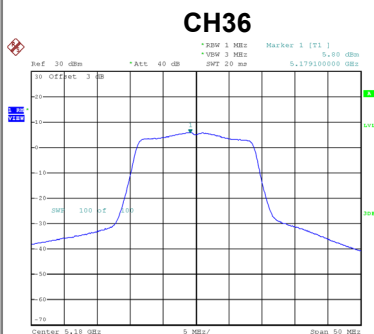
Date: 23 JUN 2020 13:53:34



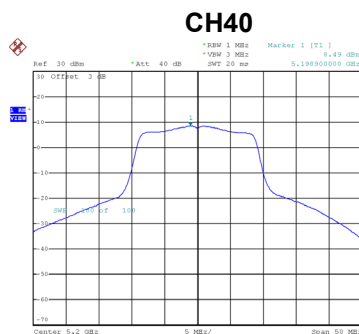
Date: 23 JUN 2020 13:55:28

Test Mode UNII-1_TX N (HT20) Mode

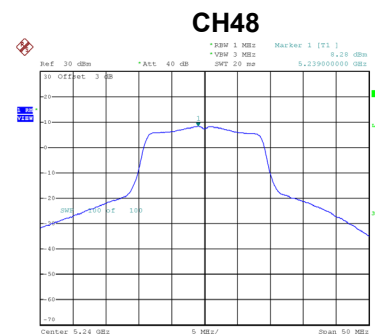
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	5.80	0.13	5.93	17.00	Complies
40	5200	8.49	0.13	8.62	17.00	Complies
48	5240	8.28	0.13	8.41	17.00	Complies



Date: 23 JUN 2020 14:02:24



Date: 23 JUN 2020 14:03:40

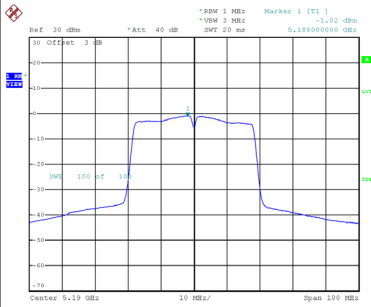


Date: 23 JUN 2020 14:04:26

Test Mode	UNII-1_TX N (HT40) Mode
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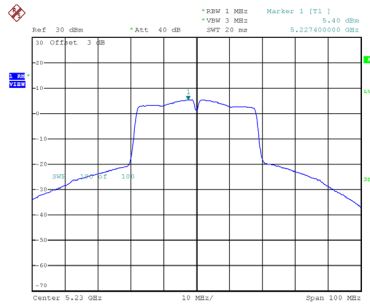
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-1.02	0.29	-0.73	17.00	Complies
46	5230	5.40	0.29	5.69	17.00	Complies

CH38



Date: 23 JUN 2020 14:48:42

CH46

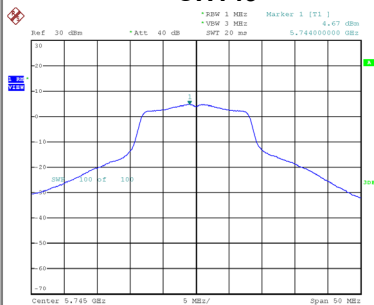


Date: 23 JUN 2020 14:50:08

Test Mode UNII-3_TX A Mode

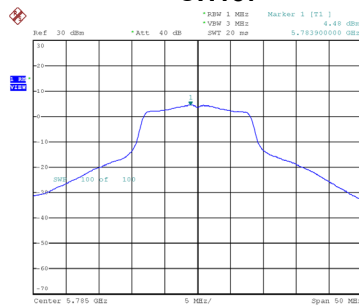
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	4.67	0.12	4.79	30.00	Complies
157	5785	4.48	0.12	4.60	30.00	Complies
165	5825	4.32	0.12	4.44	30.00	Complies

CH149



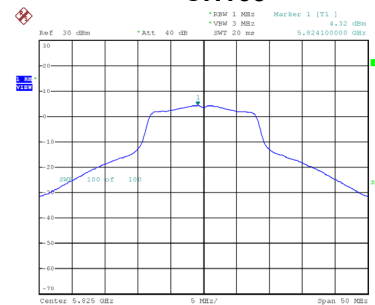
Date: 23 JUN 2020 13:57:24

CH157



Date: 23 JUN 2020 13:58:54

CH165

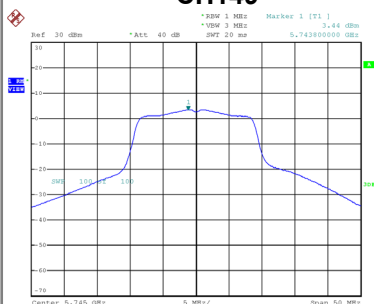


Date: 23 JUN 2020 14:00:39

Test Mode UNII-3_TX N (HT20) Mode

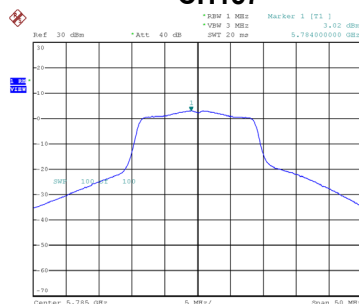
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	3.44	0.13	3.57	30.00	Complies
157	5785	3.02	0.13	3.15	30.00	Complies
165	5825	3.19	0.13	3.32	30.00	Complies

CH149



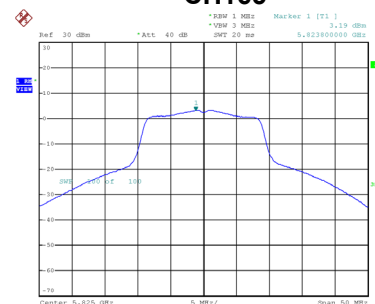
Date: 23 JUN 2020 14:07:08

CH157



Date: 23 JUN 2020 14:08:52

CH165

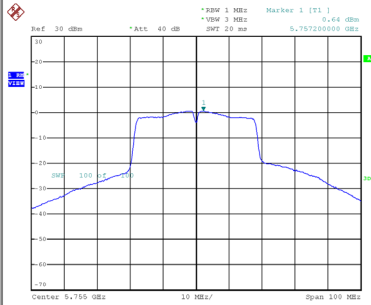


Date: 23 JUN 2020 14:09:50

Test Mode	UNII-3_TX N (HT40) Mode
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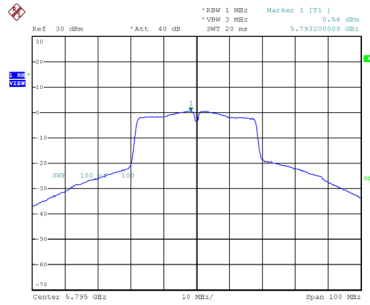
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	0.64	0.29	0.93	30.00	Complies
159	5795	0.56	0.29	0.85	30.00	Complies

CH151



Date: 23 JUN 2020 14:52:08

CH159

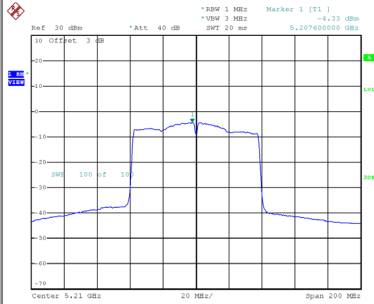


Date: 23 JUN 2020 14:53:54

Test Mode	UNII-1_TX AC (VHT80) 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
42	5210	-4.33	0.50	-3.83	17.00	Complies

CH42

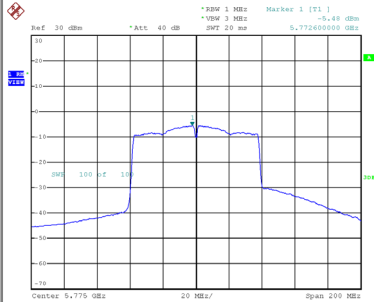


Date: 23 JUN 2020 15:05:49

Test Mode	UNII-3_TX AC (VHT80) 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
155	5775	-5.48	0.50	-4.98	30.00	Complies

CH155



Date: 23 JUN 2020 15:11:43

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	5179.951600
12	5179.951200
10.2	5179.951200
Maximum Deviation (MHz)	0.0488
Maximum Deviation (ppm)	9.4200

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5179.952400
10	5179.952800
20	5179.953600
30	5179.953600
40	5179.953200
Maximum Deviation (MHz)	0.0476
Maximum Deviation (ppm)	9.1892

Test Mode	UNII-3
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Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
13.8	5745.0000
12	5744.950000
10.2	5744.948400
	5744.949200
Maximum Deviation (MHz)	0.0516
Maximum Deviation (ppm)	8.9800

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
0	5745.0000
10	5744.947600
20	5744.947200
30	5744.947200
40	5744.947600
	5744.947200
Maximum Deviation (MHz)	0.0528
Maximum Deviation (ppm)	9.1906

End of Test Report