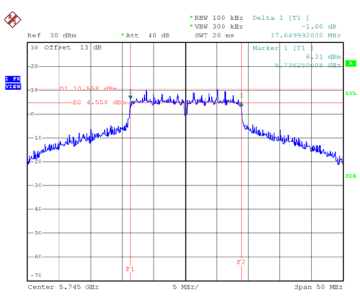
Test Mode	UNII-3_TX N(HT20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
149	5745	17.650	35.860	0.5	Complies
157	5785	17.550	35.200	0.5	Complies
165	5825	17.650	33.330	0.5	Complies

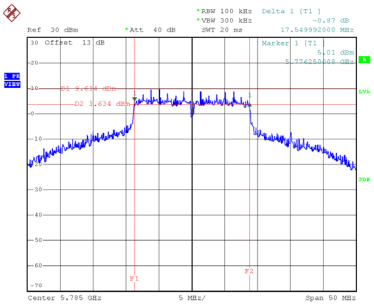
CH149



Date: 27.JUL.2021 09:46:42

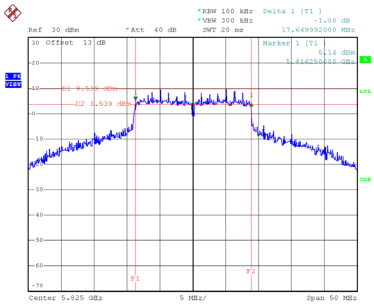
CH157

6 dB Bandwidth



Date: 27.JUL.2021 09:48:05

CH165



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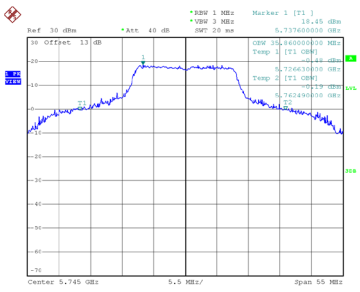
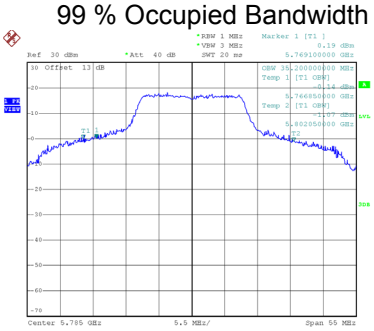
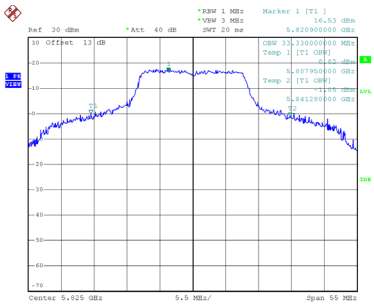
99 % Occupied Bandwidth



Date: 27.JUL.2021 09:45:55



Date: 27.JUL.2021 09:47:18

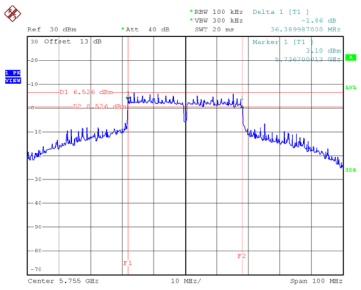


Date: 27.JUL.2021 10:47:38

Test Mode	UNII-3_TX N(HT40) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
151	5755	36.390	68.460	0.5	Complies
159	5795	36.500	67.200	0.5	Complies

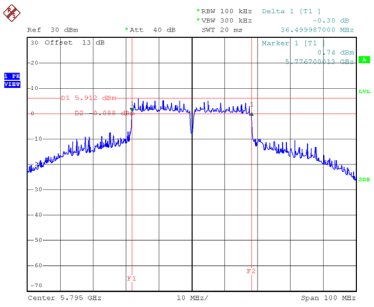
CH151



Date: 27.JUL.2021 10:56:36

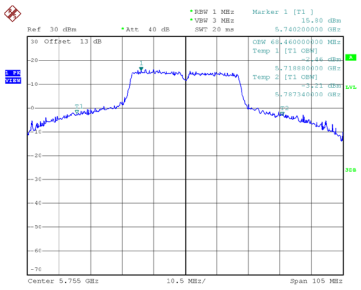
CH159

6 dB Bandwidth

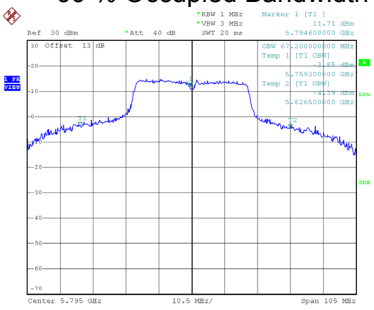


Date: 27.JUL.2021 10:58:40

99 % Occupied Bandwidth



Date: 27.JUL.2021 10:55:40

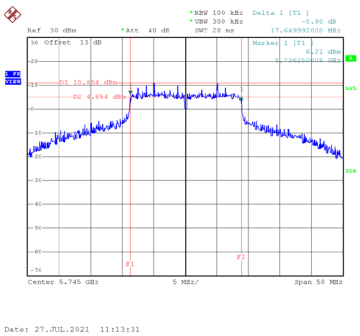


Date: 27.JUL.2021 10:57:44

Test Mode	UNII-3_TX AC(VHT20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
149	5745	17.650	35.530	0.5	Complies
157	5785	17.550	34.760	0.5	Complies
165	5825	17.650	33.440	0.5	Complies

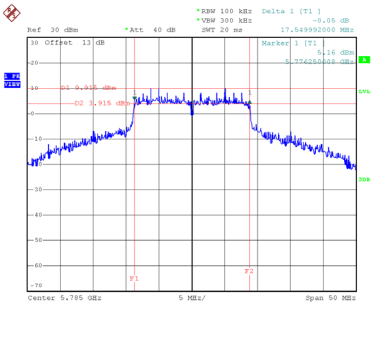
CH149



Date: 27.JUL.2021 11:13:31

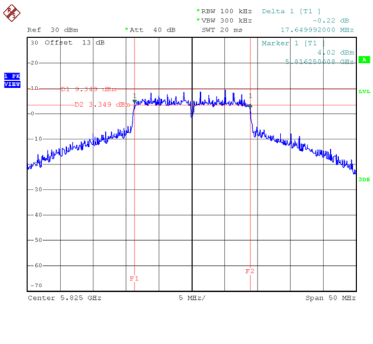
CH157

6 dB Bandwidth



Date: 27.JUL.2021 11:14:59

CH165



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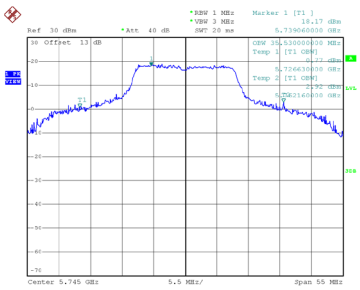

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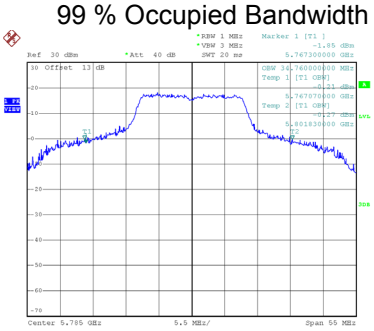
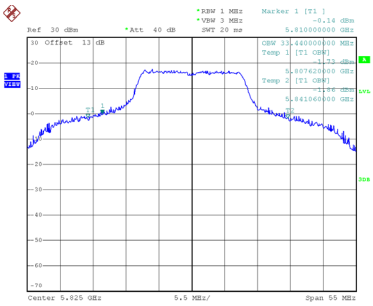
99 % Occupied Bandwidth



Date: 27.JUL.2021 11:14:04

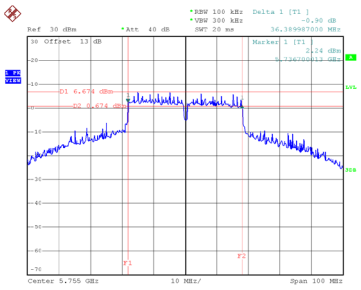


Date: 27.JUL.2021 11:21:10

Test Mode	UNII-3_TX AC(VHT40) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
151	5755	36.390	63.600	0.5	Complies
159	5795	36.500	63.600	0.5	Complies

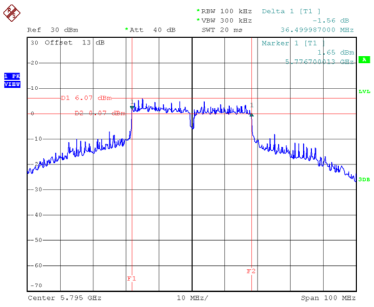
CH151



Date: 27.JUL.2021 11:33:03

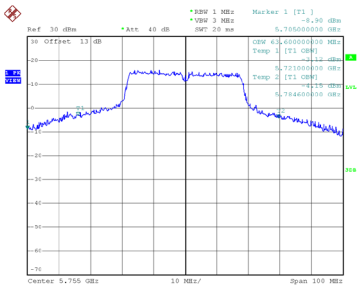
CH159

6 dB Bandwidth

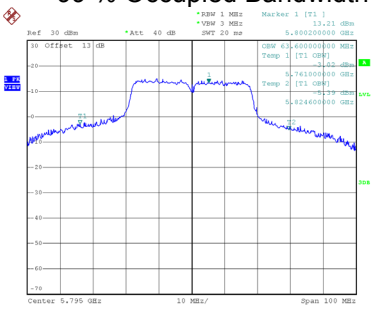


Date: 27.JUL.2021 11:34:44

99 % Occupied Bandwidth



Date: 27.JUL.2021 11:32:06



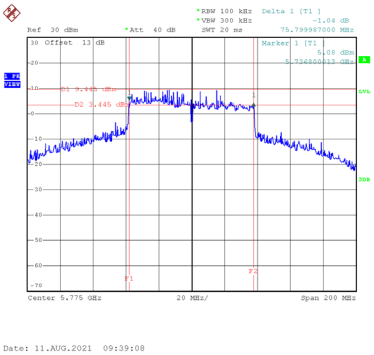
Date: 27.JUL.2021 11:33:49

Test Mode	UNII-3_TX AC(VHT80) Mode

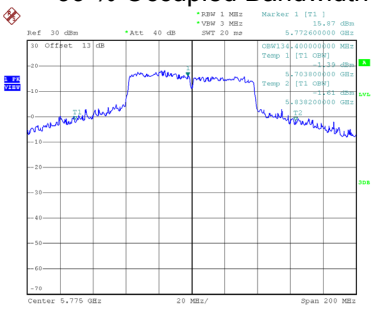
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
155	5775	75.800	134.400	0.5	Complies

CH155

6 dB Bandwidth



99 % Occupied Bandwidth



APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	UNII-1_TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	18.25	0.48	18.73	30.00	1.0000	Complies
40	5200	18.02	0.48	18.50	30.00	1.0000	Complies
48	5240	18.04	0.48	18.52	30.00	1.0000	Complies

Test Mode	UNII-1_TX N(HT20) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	17.26	0.28	17.54	30.00	1.0000	Complies
40	5200	17.19	0.28	17.47	30.00	1.0000	Complies
48	5240	17.35	0.28	17.63	30.00	1.0000	Complies

Test Mode	UNII-1_TX N(HT40) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	17.11	0.34	17.45	30.00	1.0000	Complies
46	5230	16.98	0.34	17.32	30.00	1.0000	Complies

Test Mode	UNII-1_TX AC(VHT20) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	15.05	0.24	15.29	30.00	1.0000	Complies
40	5200	15.03	0.24	15.27	30.00	1.0000	Complies
48	5240	14.98	0.24	15.22	30.00	1.0000	Complies

Test Mode	UNII-1_TX AC(VHT40) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.16	0.31	15.47	30.00	1.0000	Complies
46	5230	14.97	0.31	15.28	30.00	1.0000	Complies

Test Mode	UNII-1_TX AC(VHT80) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
42	5210	15.13	0.62	15.75	30.00	1.0000	Complies

Test Mode	UNII-3_TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	16.11	0.48	16.59	30.00	1.0000	Complies
157	5785	16.03	0.48	16.51	30.00	1.0000	Complies
165	5825	15.14	0.48	15.62	30.00	1.0000	Complies

Test Mode	UNII-3_TX N(HT20) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	16.13	0.28	16.41	30.00	1.0000	Complies
157	5785	16.04	0.28	16.32	30.00	1.0000	Complies
165	5825	15.16	0.28	15.44	30.00	1.0000	Complies

Test Mode	UNII-3_TX N(HT40) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	15.86	0.34	16.20	30.00	1.0000	Complies
159	5795	14.89	0.34	15.23	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT20) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	16.32	0.24	16.56	30.00	1.0000	Complies
157	5785	16.28	0.24	16.52	30.00	1.0000	Complies
165	5825	16.31	0.24	16.55	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT40) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	15.05	0.31	15.36	30.00	1.0000	Complies
159	5795	14.42	0.31	14.73	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT80) Mode

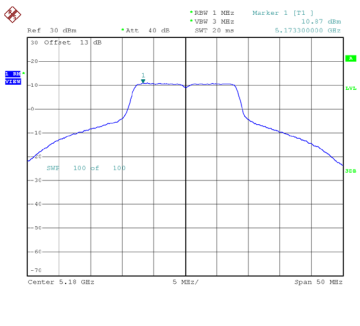
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	15.07	0.62	15.69	30.00	1.0000	Complies

APPENDIX G - POWER SPECTRAL DENSITY

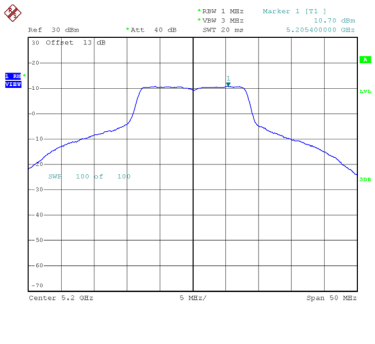
Test Mode	UNII-1_TX A Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	10.87	0.48	11.35	17.00	Complies
40	5200	10.70	0.48	11.18	17.00	Complies
48	5240	9.10	0.48	9.58	17.00	Complies

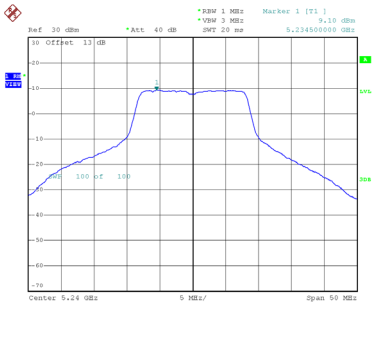
CH36



CH40



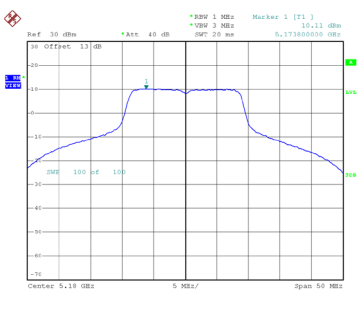
CH48



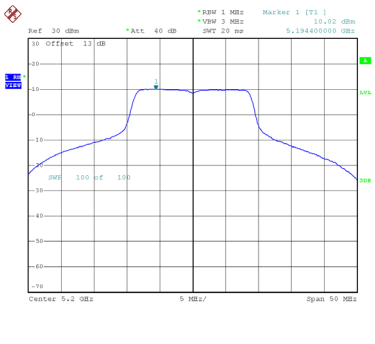
Test Mode	UNII-1_TX N(HT20) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	10.11	0.28	10.39	17.00	Complies
40	5200	10.02	0.28	10.30	17.00	Complies
48	5240	8.77	0.28	9.05	17.00	Complies

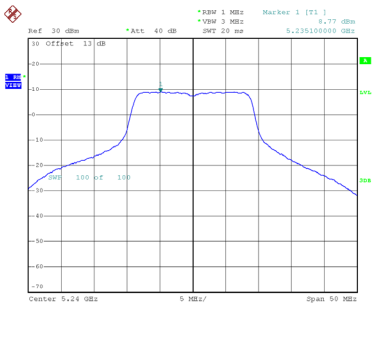
CH36



CH40



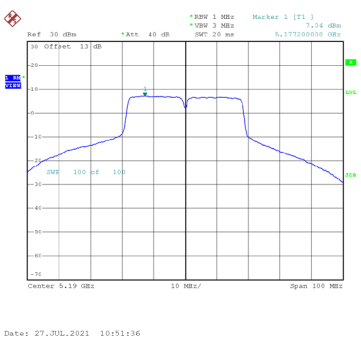
CH48



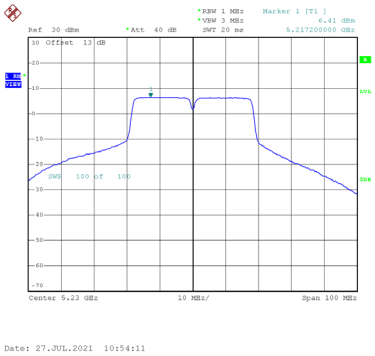
Test Mode	UNII-1_TX N(HT40) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	7.04	0.34	7.38	17.00	Complies
46	5230	6.41	0.34	6.75	17.00	Complies

CH38



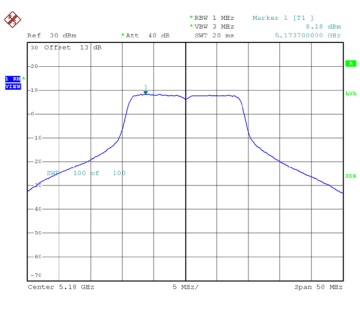
CH46



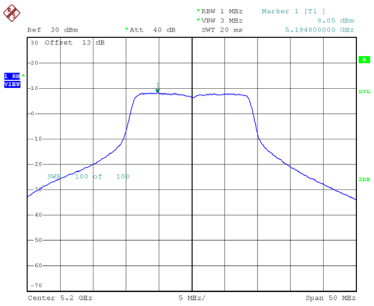
Test Mode	UNII-1_TX AC(VHT20) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	8.18	0.24	8.42	17.00	Complies
40	5200	8.05	0.24	8.29	17.00	Complies
48	5240	7.96	0.24	8.20	17.00	Complies

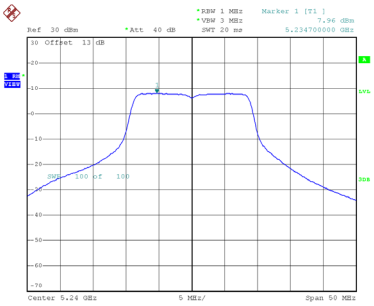
CH36



CH40



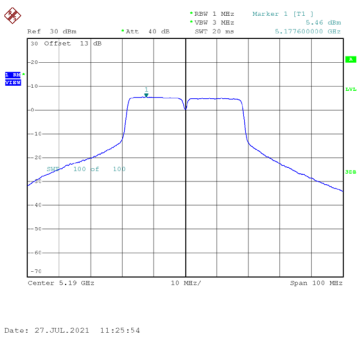
CH48



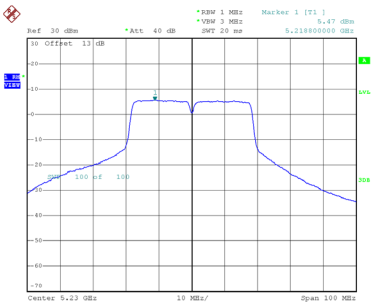
Test Mode	UNII-1_TX AC(VHT40) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	5.46	0.31	5.77	17.00	Complies
46	5230	5.47	0.31	5.78	17.00	Complies

CH38



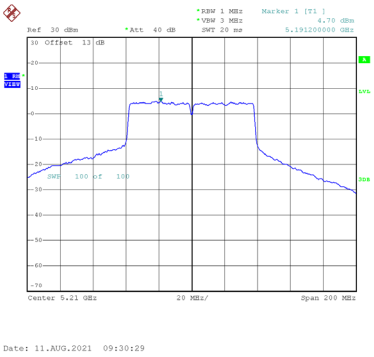
CH46



Test Mode	UNII-1_TX AC(VHT80) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
42	5210	4.70	0.62	5.32	17.00	Complies

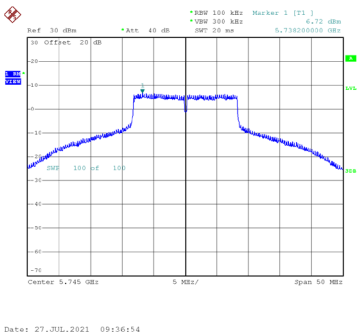
CH42



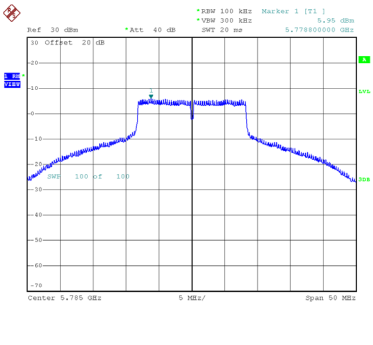
Test Mode	UNII-3_TX A Mode

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	6.72	0.48	7.20	30.00	Complies
157	5785	5.95	0.48	6.43	30.00	Complies
165	5825	5.43	0.48	5.91	30.00	Complies

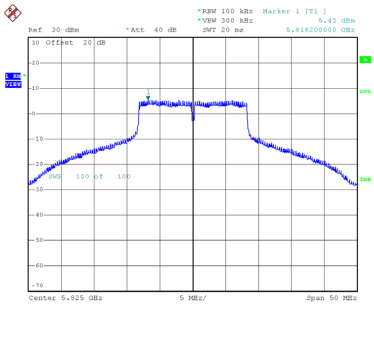
CH149



CH157



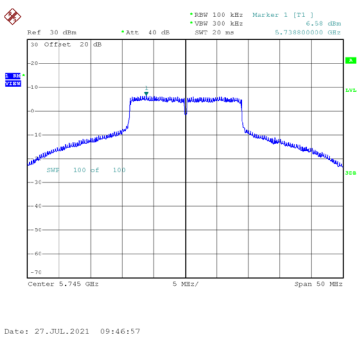
CH165



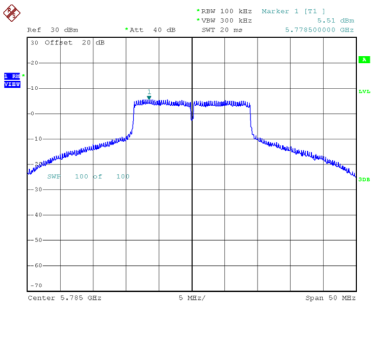
Test Mode	UNII-3_TX N(HT20) Mode

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	6.58	0.28	6.86	30.00	Complies
157	5785	5.51	0.28	5.79	30.00	Complies
165	5825	5.63	0.28	5.91	30.00	Complies

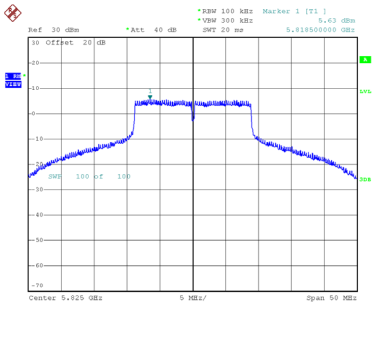
CH149



CH157



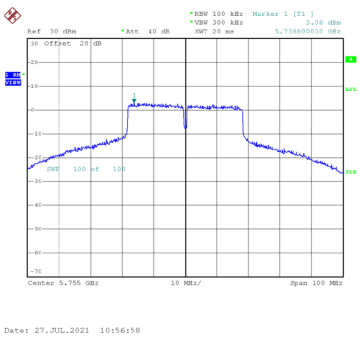
CH165



Test Mode	UNII-3_TX N(HT40) Mode

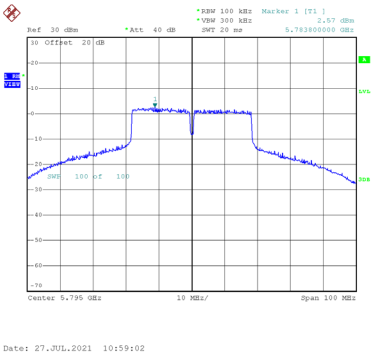
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	3.06	0.34	3.40	30.00	Complies
159	5795	2.57	0.34	2.91	30.00	Complies

CH151



Date: 27.JUL.2021 10:56:58

CH159

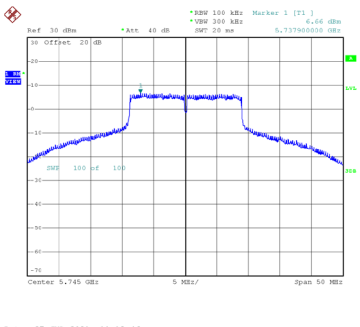


Date: 27.JUL.2021 10:59:02

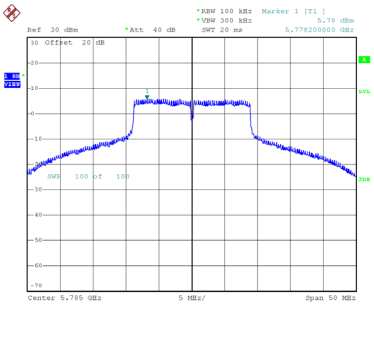
Test Mode	UNII-3_TX AC(VHT20) Mode

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	6.66	0.24	6.90	30.00	Complies
157	5785	5.78	0.24	6.02	30.00	Complies
165	5825	5.56	0.24	5.80	30.00	Complies

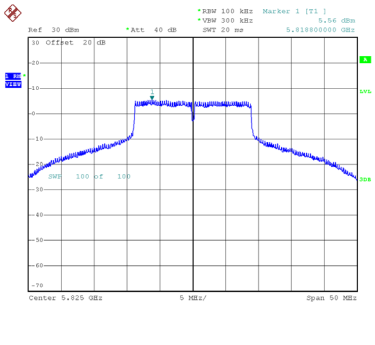
CH149



CH157



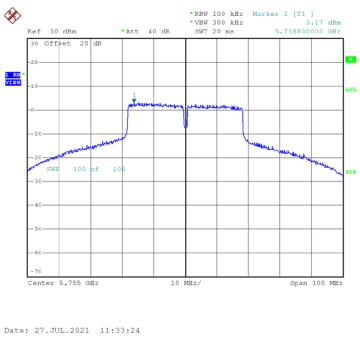
CH165



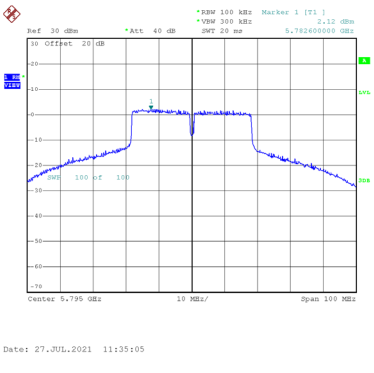
Test Mode	UNII-3_TX AC(VHT40) Mode

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
151	5755	3.17	0.31	3.48	30.00	Complies
159	5795	2.12	0.31	2.43	30.00	Complies

CH151



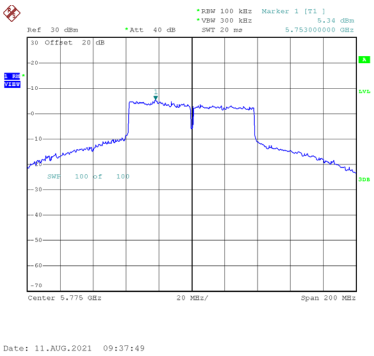
CH159



Test Mode	UNII-3_TX AC(VHT80) 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
155	5775	5.34	0.62	5.96	30.00	Complies

CH155



APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5180.0000
138	5180.0536
120	5180.0524
102	5180.0528
Maximum Deviation (MHz)	0.0536
Maximum Deviation (ppm)	10.3475

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5180.0000
0	5180.0524
5	5180.0520
15	5180.0516
25	5180.0512
35	5180.0512
45	5180.0512
55	5180.0504
Maximum Deviation (MHz)	0.0524
Maximum Deviation (ppm)	10.1158

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5745.0000
138	5745.0572
120	5745.0572
102	5745.0568
Maximum Deviation (MHz)	0.0572
Maximum Deviation (ppm)	9.9565

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5745.0000
0	5745.0568
5	5745.0568
15	5745.0560
25	5745.0568
35	5745.0560
45	5745.0560
55	5745.0556
Maximum Deviation (MHz)	0.0568
Maximum Deviation (ppm)	9.8869

End of Test Report