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	13.92	0.35	14.27	30.00	1.00	Complies
157	5785	13.84	0.35	14.19	30.00	1.00	Complies
165	5825	13.95	0.35	14.30	30.00	1.00	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	12.95	0.21	13.16	30.00	1.00	Complies
157	5785	12.83	0.21	13.04	30.00	1.00	Complies
165	5825	12.76	0.21	12.97	30.00	1.00	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	12.97	0.43	13.40	30.00	1.00	Complies
159	5795	12.85	0.43	13.28	30.00	1.00	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	8.83	0.16	8.99	24.00	0.25	Complies
40	5200	8.79	0.16	8.95	24.00	0.25	Complies
48	5240	8.91	0.16	9.07	24.00	0.25	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	8.67	0.21	8.88	24.00	0.25	Complies
46	5230	8.89	0.21	9.10	24.00	0.25	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	8.98	0.31	9.29	24.00	0.25	Complies

Test Mode	UNII-2A_TX AC (VHT20) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	8.85	0.16	9.01	24.00	0.25	Complies
60	5300	8.63	0.16	8.79	24.00	0.25	Complies
64	5320	8.67	0.16	8.83	24.00	0.25	Complies

Test Mode	UNII-2A_TX AC (VHT40) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	8.95	0.21	9.16	24.00	0.25	Complies
62	5310	8.82	0.21	9.03	24.00	0.25	Complies

Test Mode	UNII-2A_TX AC (VHT80) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
58	5290	8.85	0.31	9.16	24.00	0.25	Complies

Test Mode	UNII-2C_TX AC (VHT20) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	8.87	0.16	9.03	24.00	0.25	Complies
116	5580	8.94	0.16	9.10	24.00	0.25	Complies
140	5700	8.71	0.16	8.87	24.00	0.25	Complies

Test Mode	UNII-2C_TX AC (VHT40) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	8.79	0.21	9.00	24.00	0.25	Complies
110	5550	8.96	0.21	9.17	24.00	0.25	Complies
134	5670	8.74	0.21	8.95	24.00	0.25	Complies

Test Mode	UNII-2C_TX AC (VHT80) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
106	5530	8.88	0.31	9.19	24.00	0.25	Complies
122	5610	8.94	0.31	9.25	24.00	0.25	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	8.73	0.16	8.89	30.00	1.00	Complies
157	5785	8.82	0.16	8.98	30.00	1.00	Complies
165	5825	8.84	0.16	9.00	30.00	1.00	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	8.83	0.21	9.04	30.00	1.00	Complies
159	5795	8.71	0.21	8.92	30.00	1.00	Complies

Test Mode	UNII-3_TX AC (VHT80) Mode

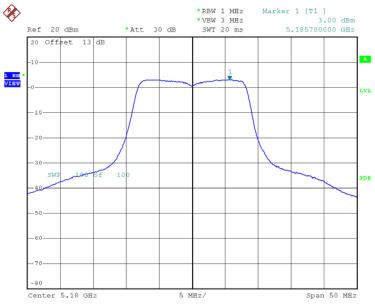
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	8.97	0.31	9.28	30.00	1.00	Complies

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	3.00	0.35	3.35	11.00	Complies
40	5200	2.85	0.35	3.20	11.00	Complies
48	5240	2.92	0.35	3.27	11.00	Complies

CH36



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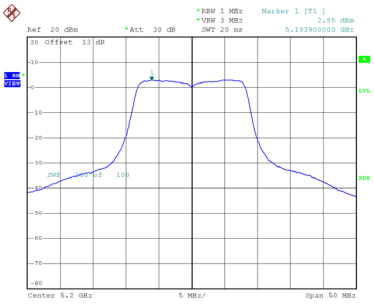
CH40



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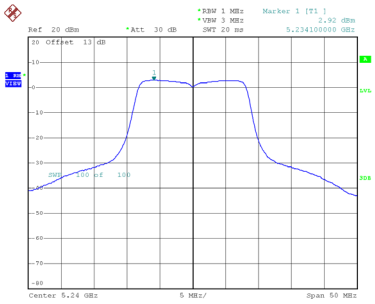
CH48



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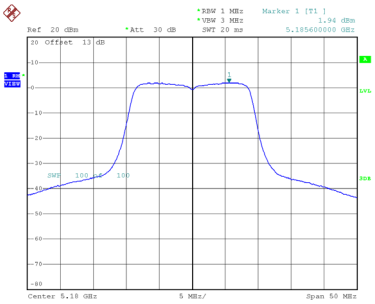
Test Mode	UNII-1_TX N (HT20) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	1.94	0.21	2.15	11.00	Complies
40	5200	1.94	0.21	2.15	11.00	Complies
48	5240	1.98	0.21	2.19	11.00	Complies

CH36



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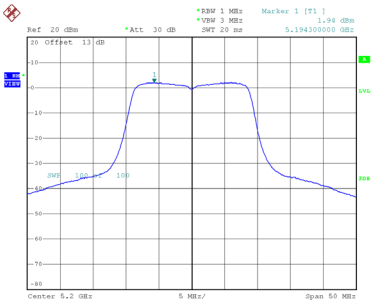
CH40



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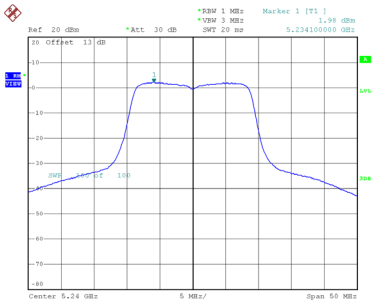
CH48



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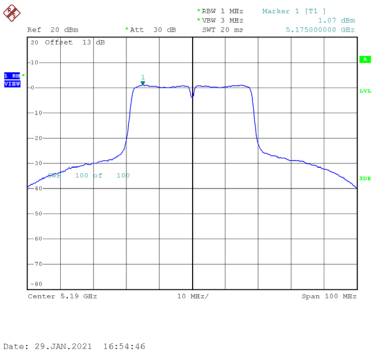
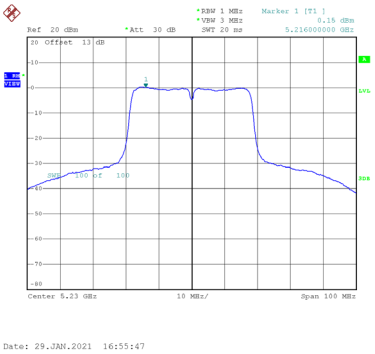
Test Mode	UNII-1_TX N (HT40) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	1.07	0.43	1.50	11.00	Complies
46	5230	0.15	0.43	0.58	11.00	Complies

CH38



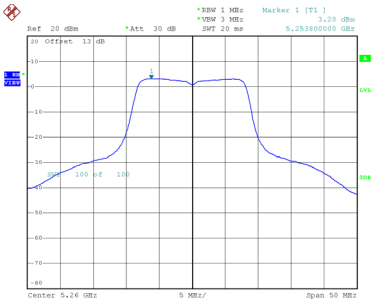
CH46



Test Mode	UNII-2A_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
52	5260	3.20	0.35	3.55	11.00	Complies
60	5300	2.51	0.35	2.86	11.00	Complies
64	5320	2.65	0.35	3.00	11.00	Complies

CH52



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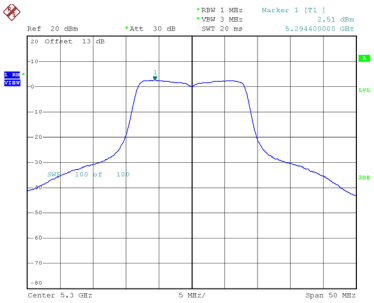
CH60



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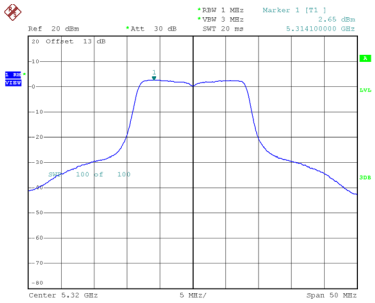
CH64



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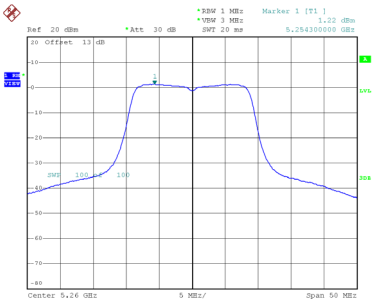
Test Mode	UNII-2A_TX N (HT20) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	1.22	0.21	1.43	11.00	Complies
60	5300	0.64	0.21	0.85	11.00	Complies
64	5320	1.61	0.21	1.82	11.00	Complies

CH52



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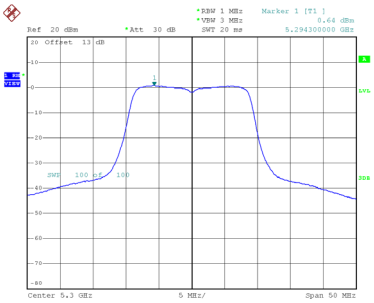
CH60



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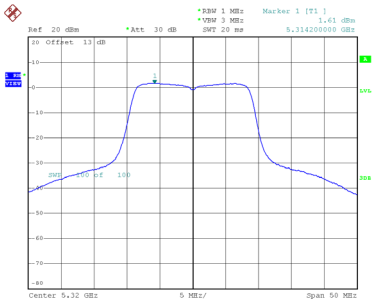
CH64

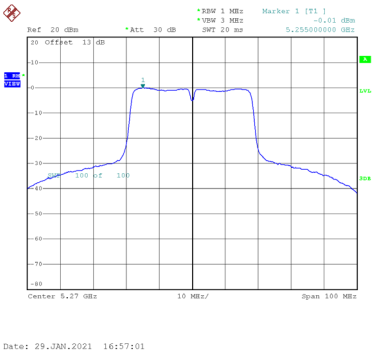


Date: 29.JAN.2021 11:59:51

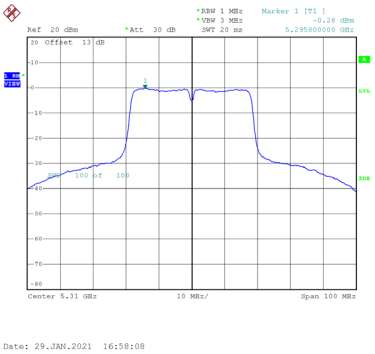
Test Mode	UNII-2A_TX N (HT40) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-0.01	0.43	0.43	11.00	Complies
62	5310	-0.28	0.43	0.15	11.00	Complies

CH54



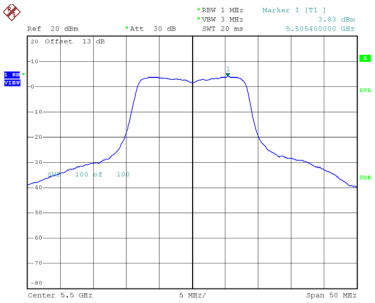
CH62



Test Mode	UNII-2C_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
100	5500	3.83	0.35	4.18	11.00	Complies
116	5580	3.04	0.35	3.39	11.00	Complies
140	5700	3.74	0.35	4.09	11.00	Complies

CH100



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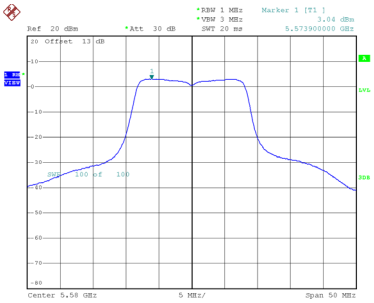
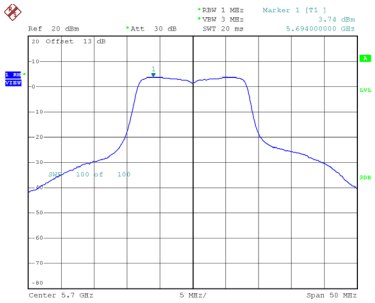
CH116



Date: 29.JAN.2021 11:46:27

CH140

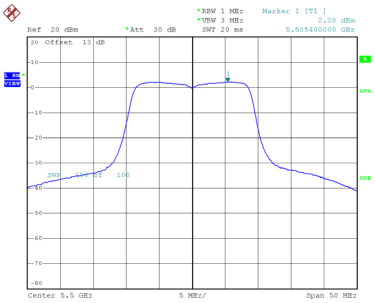


Date: 29.JAN.2021 11:47:20

Test Mode	UNII-2C_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
100	5500	2.20	0.21	2.41	11.00	Complies
116	5580	2.23	0.21	2.44	11.00	Complies
140	5700	2.85	0.21	3.06	11.00	Complies

CH100



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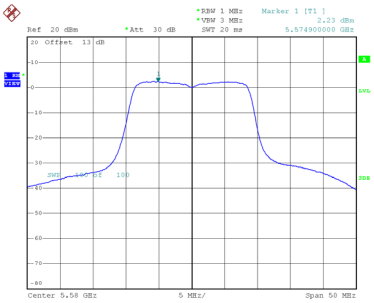
CH116



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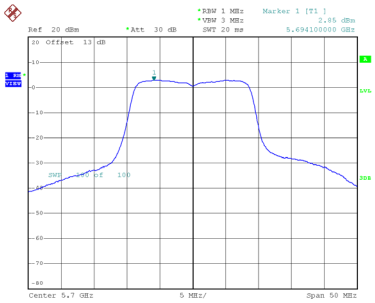
CH140



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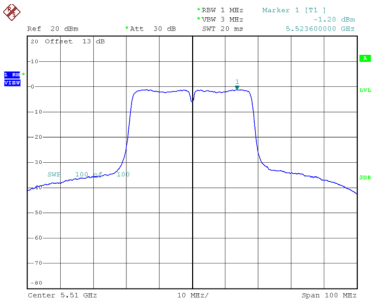
Test Mode	UNII-2C_TX N (HT40) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-1.20	0.43	-0.77	11.00	Complies
110	5550	-1.74	0.43	-1.31	11.00	Complies
134	5670	-3.04	0.43	-2.61	11.00	Complies

CH102



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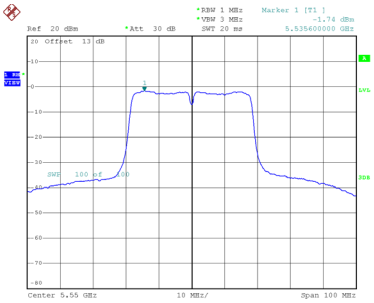

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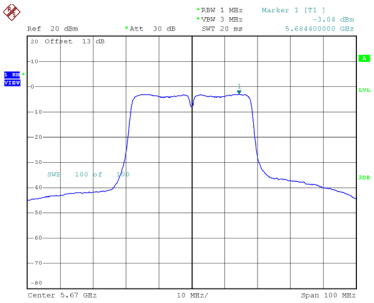
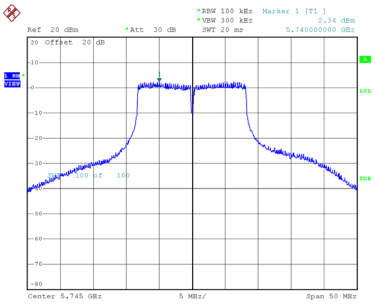


Date: 29.JAN.2021 17:01:46

Test Mode	UNII-3_TX A Mode

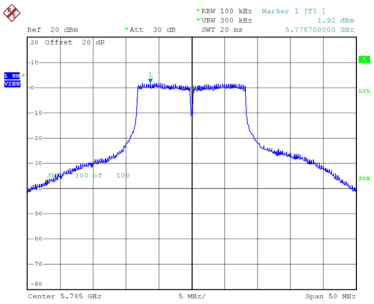
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	2.34	0.35	2.69	30.00	Complies
157	5785	1.92	0.35	2.27	30.00	Complies
165	5825	1.50	0.35	1.85	30.00	Complies

CH149



Date: 29.JAN.2021 11:48:19

CH157



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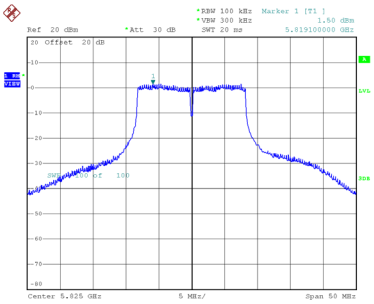
CH165



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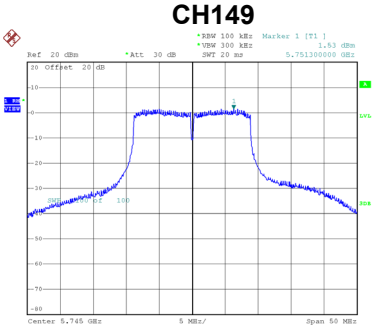
Test Mode	UNII-3_TX N (HT20) Mode

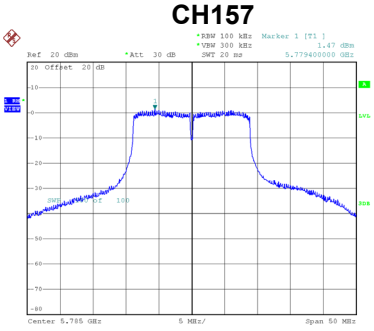
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	1.53	0.21	1.74	30.00	Complies
157	5785	1.47	0.21	1.68	30.00	Complies
165	5825	0.35	0.21	0.56	30.00	Complies

CH149



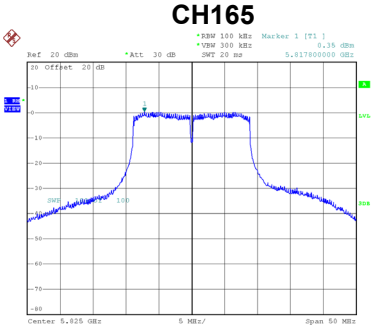
Date: 29.JAN.2021 16:48:31

CH157



Date: 29.JAN.2021 16:49:27

CH165

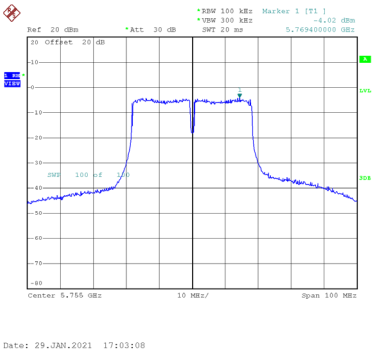


Date: 29.JAN.2021 16:51:11

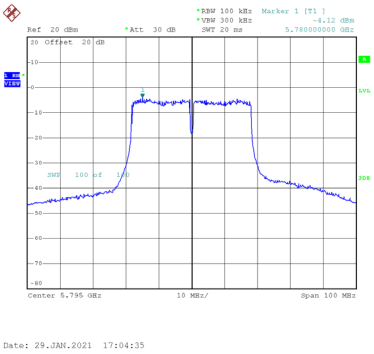
Test Mode	UNII-3_TX N (HT40) Mode

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	-4.02	0.43	-3.59	30.00	Complies
159	5795	-4.12	0.43	-3.69	30.00	Complies

CH151



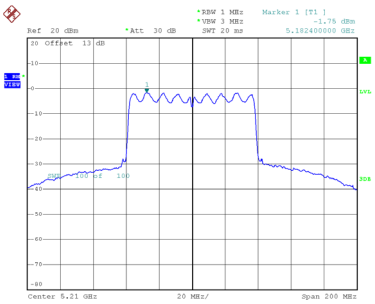
CH159



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	-1.75	0.31	-1.44	11.00	Complies

CH42

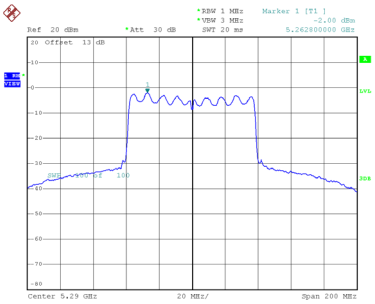


Date: 29.JAN.2021 18:43:31

Test Mode	UNII-2A_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
58	5290	-2.00	0.31	-1.69	11.00	Complies

CH58

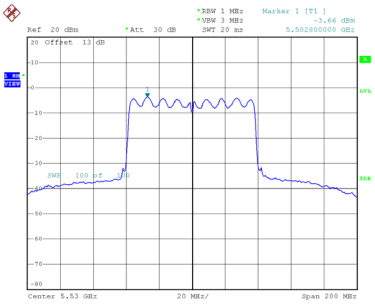


Date: 29.JAN.2021 18:44:42

Test Mode	UNII-2C_TX AC (VHT80) Mode

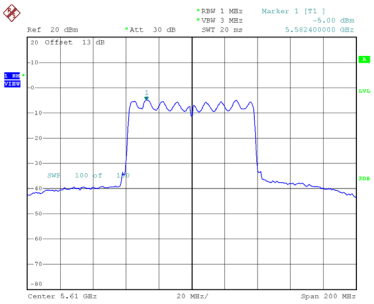
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-3.66	0.31	-3.35	11.00	Complies
122	5610	-5.00	0.31	-4.69	11.00	Complies

CH106



Date: 29.JAN.2021 18:46:08

CH122

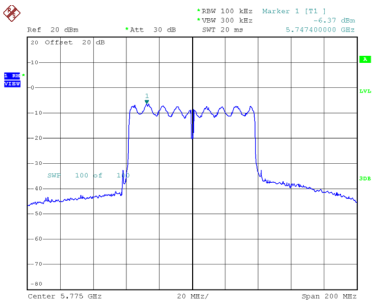


Date: 29.JAN.2021 18:47:14

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	-6.37	0.31	-6.06	30.00	Complies

CH155



Date: 29.JAN.2021 18:48:37

APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
138	5179.9888
120	5179.9888
102	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	5179.9884
20	5179.9884
30	5179.9884
40	5179.9884
Maximum Deviation (MHz)	0.0116
Maximum Deviation (ppm)	2.2394

Test Mode	UNII-2A

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5260.0000
138	5259.9884
120	5259.9884
102	5259.9884
Maximum Deviation (MHz)	0.0116
Maximum Deviation (ppm)	2.2053

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5260.0000
0	5259.9884
10	5259.9884
20	5259.9884
30	5259.9884
40	5259.9884
Maximum Deviation (MHz)	0.0116
Maximum Deviation (ppm)	2.2053

Test Mode	UNII-2C

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5500.0000
138	5499.9880
120	5499.9880
102	5499.9880
Maximum Deviation (MHz)	0.0120
Maximum Deviation (ppm)	2.1818

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5500.0000
0	5499.9880
10	5499.9880
20	5499.9884
30	5499.9880
40	5499.9884
Maximum Deviation (MHz)	0.0120
Maximum Deviation (ppm)	2.1818

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
138	5744.9880
120	5744.9880
102	5744.9876
Maximum Deviation (MHz)	0.0124
Maximum Deviation (ppm)	2.1584

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5744.9870
10	5744.9872
20	5744.9876
30	5744.9875
40	5744.9876
Maximum Deviation (MHz)	0.0124
Maximum Deviation (ppm)	2.1584

End of Test Report