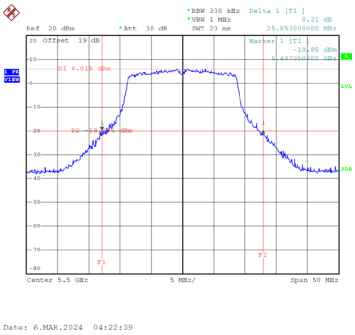
Test Mode	UNII-2C_TX N(HT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
100	5500	25.850	18.000
116	5580	24.790	18.000
140	5700	24.850	18.000

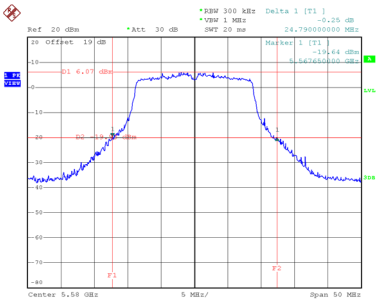
CH100



Date: 6.MAR.2024 04:22:39

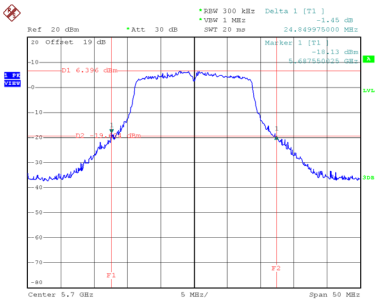
CH116

26 dB Bandwidth

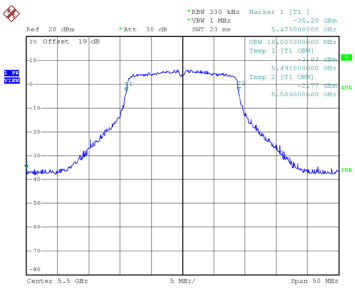


Date: 6.MAR.2024 04:23:49

CH140

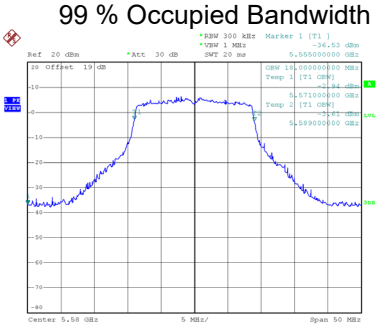


Date: 6.MAR.2024 04:24:59

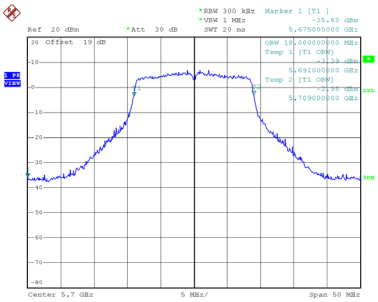


Date: 6.MAR.2024 04:21:59

99 % Occupied Bandwidth



Date: 6.MAR.2024 04:23:04

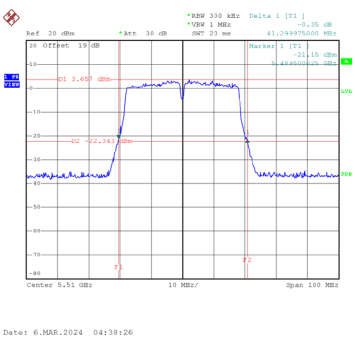


Date: 6.MAR.2024 04:24:17

Test Mode	UNII-2C_TX N(HT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
102	5510	41.300	36.800
110	5550	41.600	36.800
134	5670	41.700	36.800

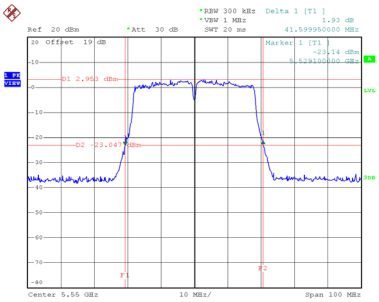
CH102



Date: 6.MAR.2024 04:38:26

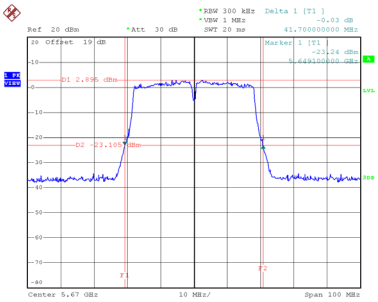
CH110

26 dB Bandwidth

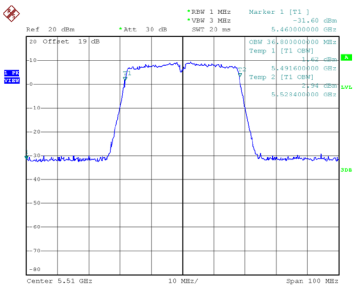


Date: 6.MAR.2024 04:40:08

CH134

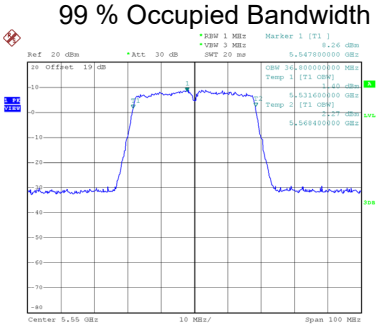


Date: 6.MAR.2024 04:41:28

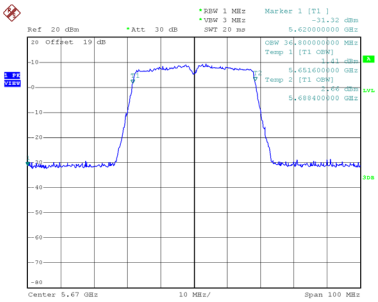


Date: 6.MAR.2024 04:37:38

99 % Occupied Bandwidth



Date: 6.MAR.2024 04:39:21

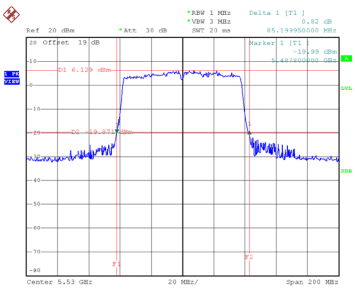


Date: 6.MAR.2024 04:40:42

Test Mode	UNII-2C_TX AC(VHT80) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
106	5530	85.200	76.000
122	5610	84.200	76.000

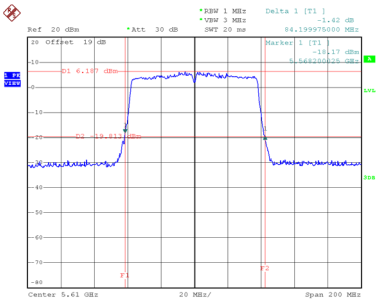
CH106



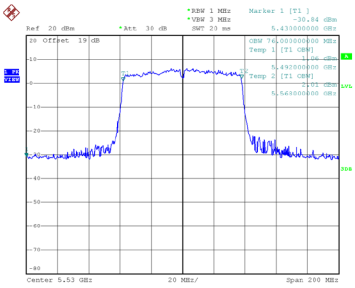
Date: 5.MAR.2024 02:52:13

CH122

26 dB Bandwidth

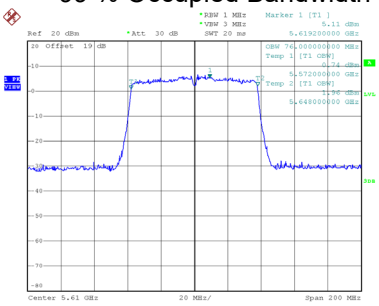


Date: 5.MAR.2024 02:53:19



Date: 5.MAR.2024 02:51:25

99 % Occupied Bandwidth

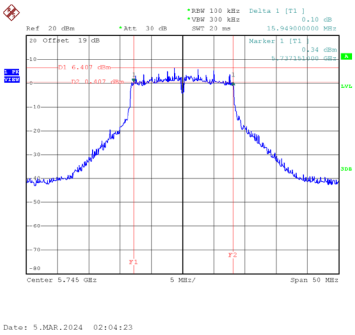


Date: 5.MAR.2024 02:52:23

Test Mode	UNII-3_TX A Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
149	5745	15.949	17.000	0.5	Complies
157	5785	15.890	17.000	0.5	Complies
165	5825	15.490	17.000	0.5	Complies

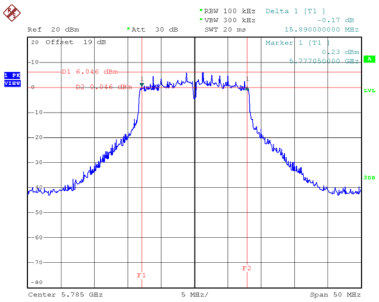
CH149



Date: 5.MAR.2024 02:04:23

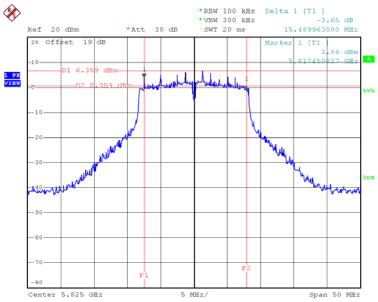
CH157

6 dB Bandwidth

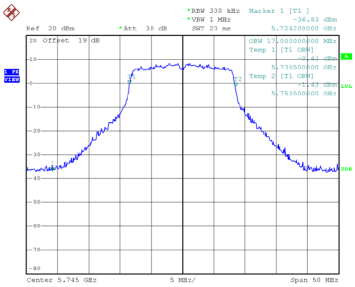


Date: 5.MAR.2024 02:06:05

CH165

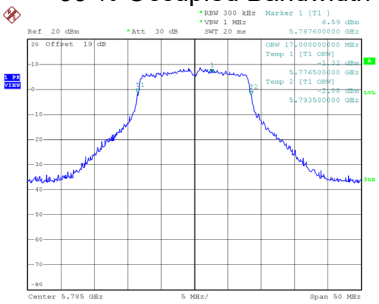


Date: 5.MAR.2024 02:07:32

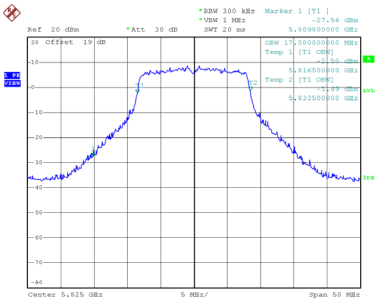


Date: 5.MAR.2024 02:03:29

99 % Occupied Bandwidth



Date: 5.MAR.2024 02:05:08

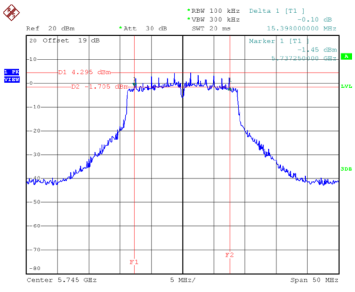


Date: 5.MAR.2024 02:06:33

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	15.398	18.100	0.5	Complies
157	5785	16.488	18.100	0.5	Complies
165	5825	15.390	18.100	0.5	Complies

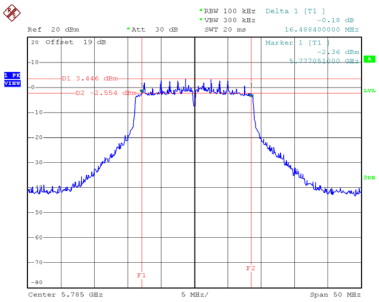
CH149



Date: 6.MAR.2024 04:26:44

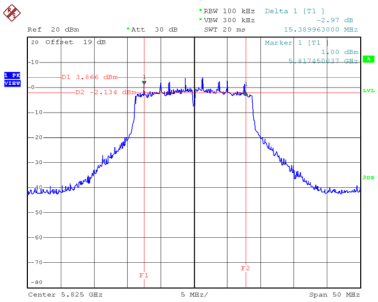
CH157

6 dB Bandwidth

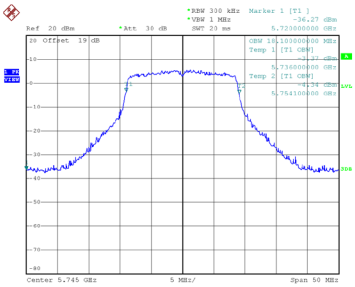


Date: 6.MAR.2024 04:28:14

CH165

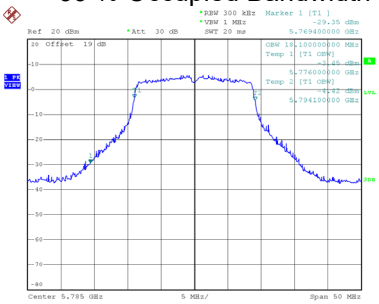


Date: 6.MAR.2024 04:29:44

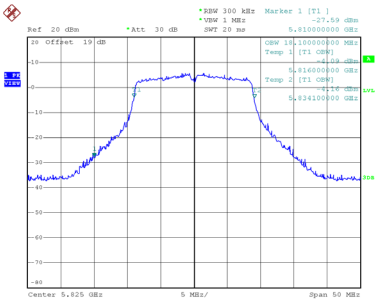


Date: 6.MAR.2024 04:25:41

99 % Occupied Bandwidth



Date: 6.MAR.2024 04:27:19

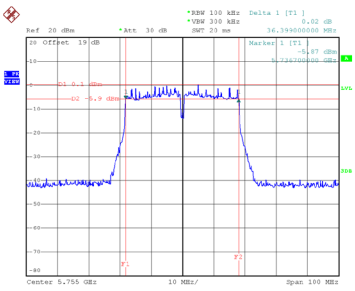


Date: 6.MAR.2024 04:28:43

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	36.399	36.800	0.5	Complies
159	5795	35.900	36.800	0.5	Complies

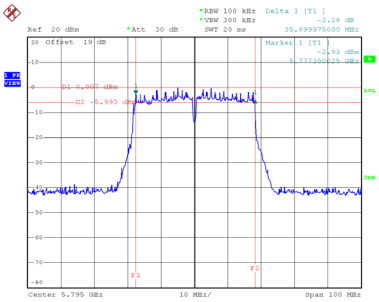
CH151



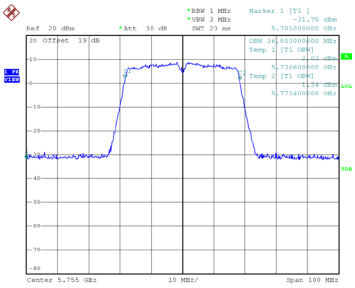
Date: 6.MAR.2024 04:43:00

CH159

6 dB Bandwidth

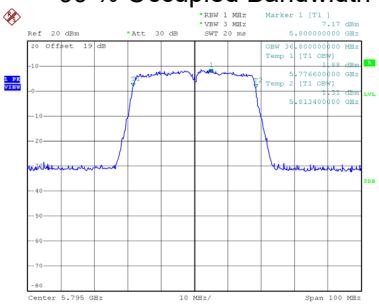


Date: 6.MAR.2024 04:44:32



Date: 6.MAR.2024 04:42:10

99 % Occupied Bandwidth



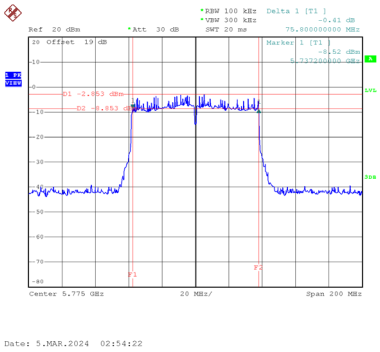
Date: 6.MAR.2024 04:43:34

Test Mode	UNII-3_TX AC(VHT80) Mode

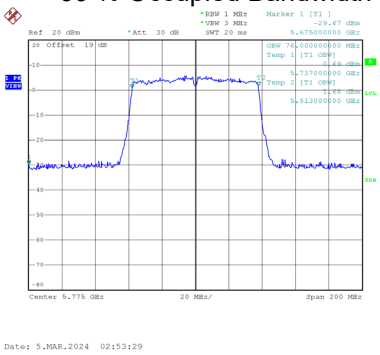
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
155	5775	75.800	76.000	0.5	Complies

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	12.65	0.00	12.65	23.98	0.2500	Complies
40	5200	12.71	0.00	12.71	23.98	0.2500	Complies
48	5240	12.74	0.00	12.74	23.98	0.2500	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	12.50	0.00	12.50	23.98	0.2500	Complies
40	5200	12.51	0.00	12.51	23.98	0.2500	Complies
48	5240	12.67	0.00	12.67	23.98	0.2500	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	12.82	0.16	12.98	23.98	0.2500	Complies
46	5230	12.49	0.16	12.65	23.98	0.2500	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	12.47	0.00	12.47	23.98	0.2500	Complies
40	5200	12.16	0.00	12.16	23.98	0.2500	Complies
48	5240	12.36	0.00	12.36	23.98	0.2500	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	12.76	0.17	12.93	23.98	0.2500	Complies
46	5230	12.31	0.17	12.48	23.98	0.2500	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	12.35	0.33	12.68	23.98	0.2500	Complies

Test Mode	UNII-2A_TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	12.34	0.00	12.34	23.98	0.2500	Complies
60	5300	12.41	0.00	12.41	23.98	0.2500	Complies
64	5320	12.45	0.00	12.45	23.98	0.2500	Complies

Test Mode	UNII-2A_TX N(HT20) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	12.29	0.00	12.29	23.98	0.2500	Complies
60	5300	12.35	0.00	12.35	23.98	0.2500	Complies
64	5320	12.34	0.00	12.34	23.98	0.2500	Complies

Test Mode	UNII-2A_TX N(HT40) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	12.13	0.16	12.29	23.98	0.2500	Complies
62	5310	12.16	0.16	12.32	23.98	0.2500	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	12.02	0.00	12.02	23.98	0.2500	Complies
60	5300	12.22	0.00	12.22	23.98	0.2500	Complies
64	5320	12.17	0.00	12.17	23.98	0.2500	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	12.04	0.17	12.21	23.98	0.2500	Complies
62	5310	12.03	0.17	12.20	23.98	0.2500	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	12.06	0.33	12.39	23.98	0.2500	Complies

Test Mode	UNII-2C_TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	10.61	0.00	10.61	23.98	0.2500	Complies
116	5580	11.49	0.00	11.49	23.98	0.2500	Complies
140	5700	11.55	0.00	11.55	23.98	0.2500	Complies

Test Mode	UNII-2C_TX N(HT20) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	11.23	0.00	11.23	23.98	0.2500	Complies
116	5580	11.28	0.00	11.28	23.98	0.2500	Complies
140	5700	11.42	0.00	11.42	23.98	0.2500	Complies

Test Mode	UNII-2C_TX N(HT40) Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	11.11	0.16	11.27	23.98	0.2500	Complies
110	5550	11.15	0.16	11.31	23.98	0.2500	Complies
134	5670	11.29	0.16	11.45	23.98	0.2500	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	11.14	0.00	11.14	23.98	0.2500	Complies
116	5580	11.21	0.00	11.21	23.98	0.2500	Complies
140	5700	11.36	0.00	11.36	23.98	0.2500	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	11.03	0.17	11.20	23.98	0.2500	Complies
110	5550	11.08	0.17	11.25	23.98	0.2500	Complies
134	5670	11.21	0.17	11.38	23.98	0.2500	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	11.16	0.33	11.49	23.98	0.2500	Complies
122	5610	11.03	0.33	11.36	23.98	0.2500	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	11.81	0.00	11.81	30.00	1.0000	Complies
157	5785	11.76	0.00	11.76	30.00	1.0000	Complies
165	5825	11.64	0.00	11.64	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	11.70	0.00	11.70	30.00	1.0000	Complies
157	5785	11.54	0.00	11.54	30.00	1.0000	Complies
165	5825	11.56	0.00	11.56	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	11.66	0.16	11.82	30.00	1.0000	Complies
159	5795	11.56	0.16	11.72	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	11.55	0.00	11.55	30.00	1.0000	Complies
157	5785	11.50	0.00	11.50	30.00	1.0000	Complies
165	5825	11.51	0.00	11.51	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	11.49	0.17	11.66	30.00	1.0000	Complies
159	5795	11.40	0.17	11.57	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT80) Mode

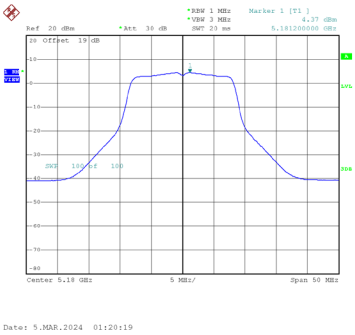
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	11.64	0.33	11.97	30.00	1.0000	Complies

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	4.37	0.00	4.37	11.00	Complies
40	5200	4.39	0.00	4.39	11.00	Complies
48	5240	4.60	0.00	4.60	11.00	Complies

CH36



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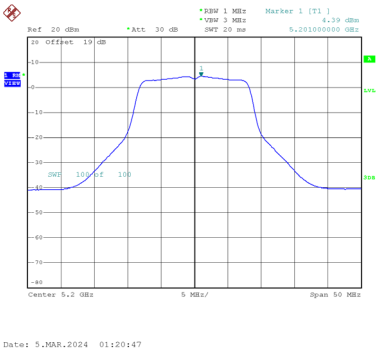
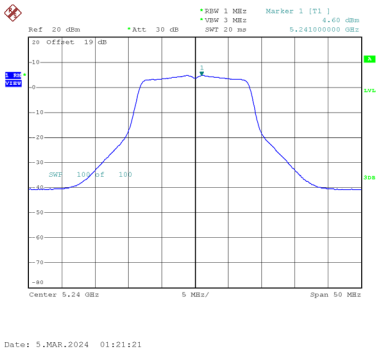


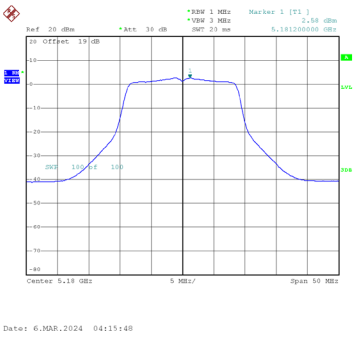
CH48



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	2.58	0.00	2.58	11.00	Complies
40	5200	2.56	0.00	2.56	11.00	Complies
48	5240	2.06	0.00	2.06	11.00	Complies

CH36



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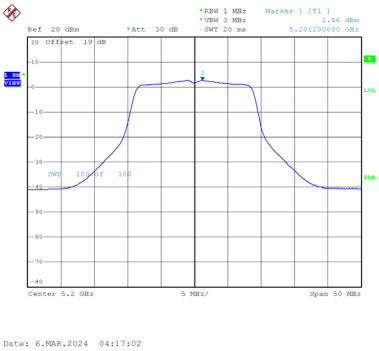

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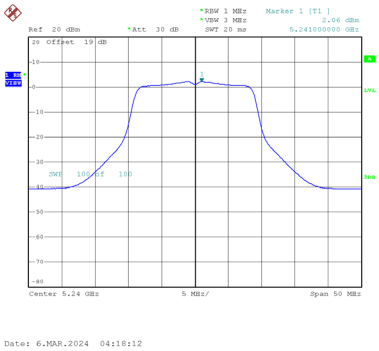
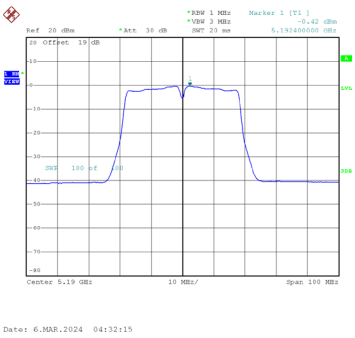


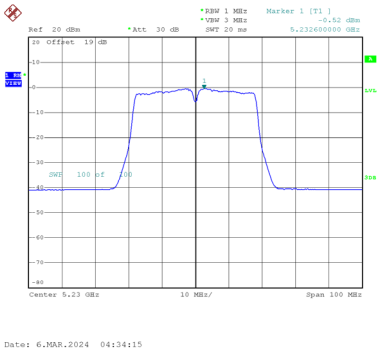
Test Mode	UNII-1_TX N(HT40) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-0.42	0.16	-0.26	11.00	Complies
46	5230	-0.52	0.16	-0.36	11.00	Complies

CH38



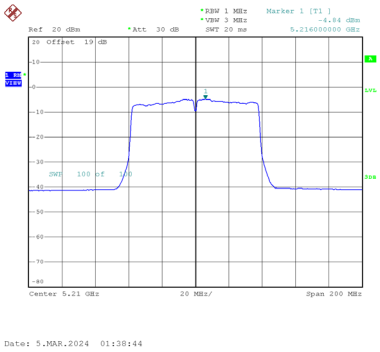
CH46



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	-4.84	0.33	-4.51	11.00	Complies

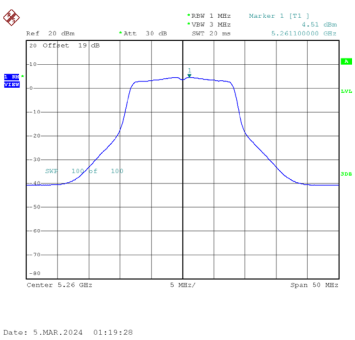
CH42



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	4.51	0.00	4.51	11.00	Complies
60	5300	4.39	0.00	4.39	11.00	Complies
64	5320	4.60	0.00	4.60	11.00	Complies

CH52



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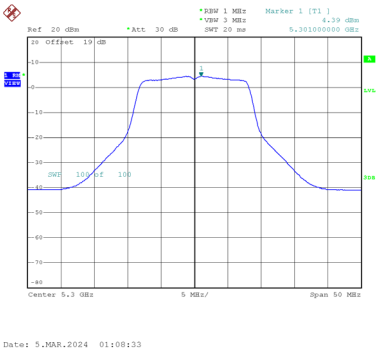
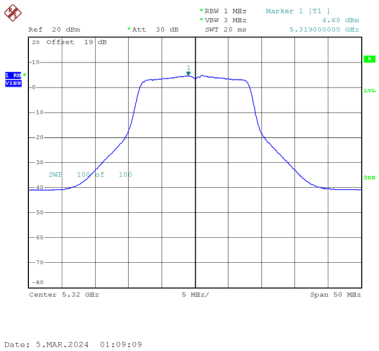


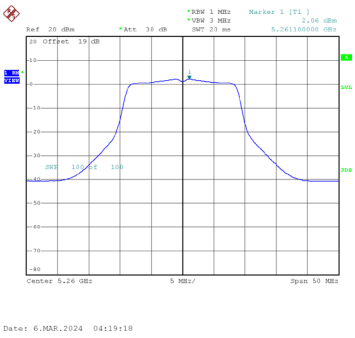
CH64



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	2.06	0.00	2.06	11.00	Complies
60	5300	1.80	0.00	1.80	11.00	Complies
64	5320	1.64	0.00	1.64	11.00	Complies

CH52



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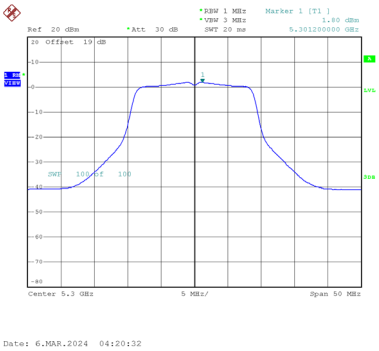

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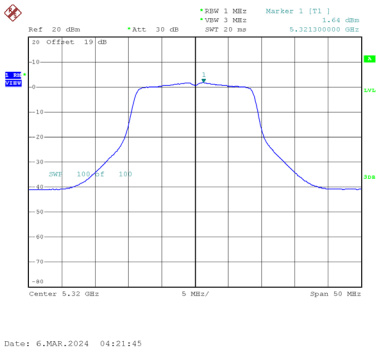
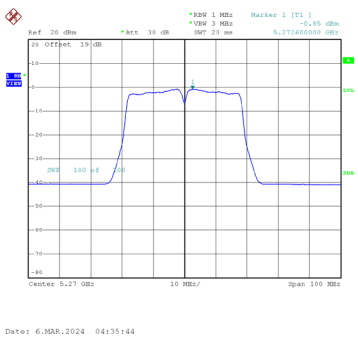


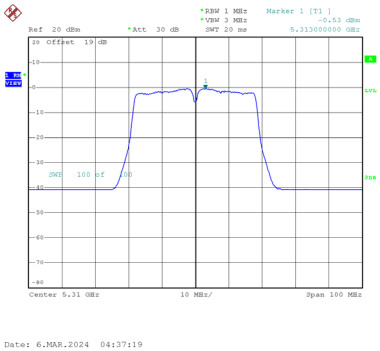
Test Mode	UNII-2A_TX N(HT40) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-0.85	0.16	-0.69	11.00	Complies
62	5310	-0.53	0.16	-0.37	11.00	Complies

CH54



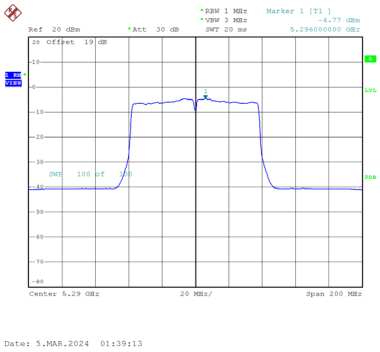
CH62



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	-4.77	0.33	-4.44	11.00	Complies

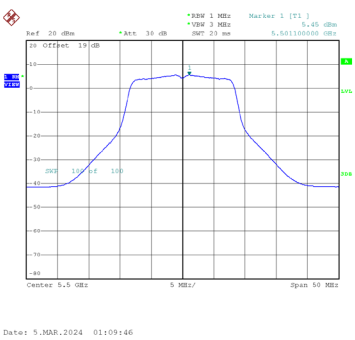
CH58



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	5.45	0.00	5.45	11.00	Complies
116	5580	4.80	0.00	4.80	11.00	Complies
140	5700	5.04	0.00	5.04	11.00	Complies

CH100



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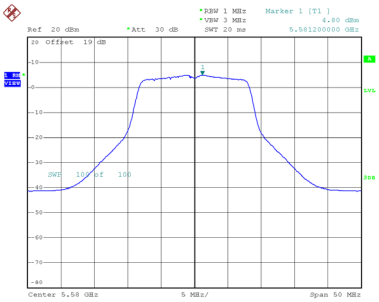
CH116



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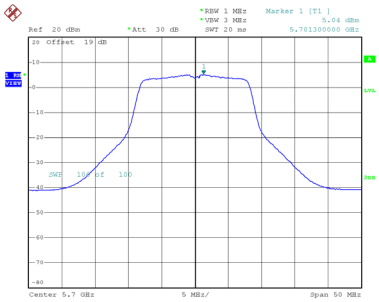
CH140



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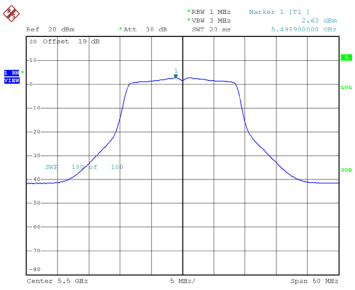
Test Mode	UNII-2C_TX N(HT20) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	2.63	0.00	2.63	11.00	Complies
116	5580	2.33	0.00	2.33	11.00	Complies
140	5700	2.82	0.00	2.82	11.00	Complies

CH100



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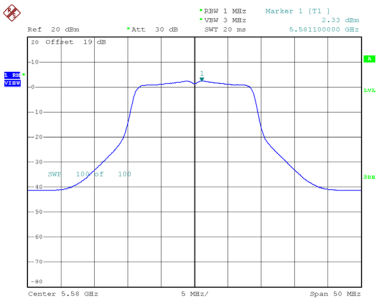

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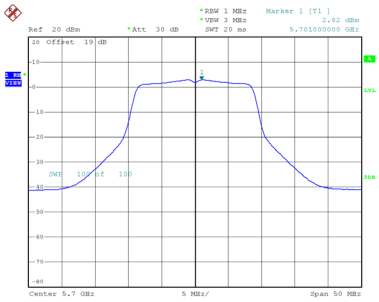
CH140

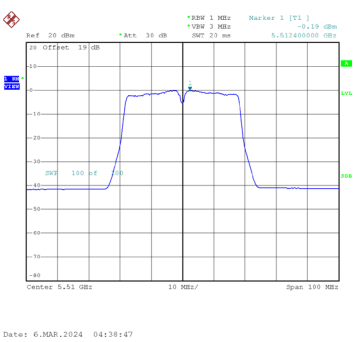


Date: 6.MAR.2024 04:25:14

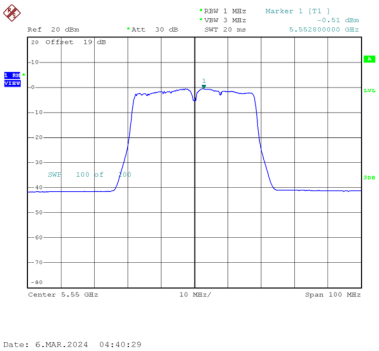
Test Mode	UNII-2C_TX N(HT40) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-0.19	0.16	-0.03	11.00	Complies
110	5550	-0.51	0.16	-0.35	11.00	Complies
134	5670	-0.46	0.16	-0.30	11.00	Complies

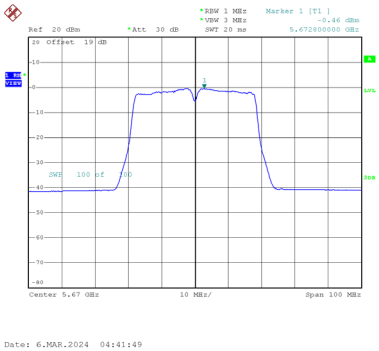
CH102



CH110



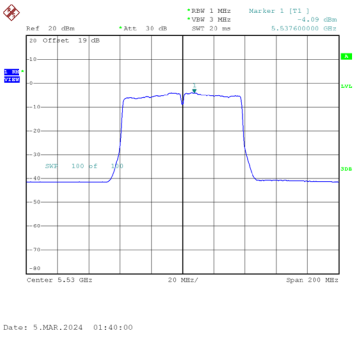
CH134



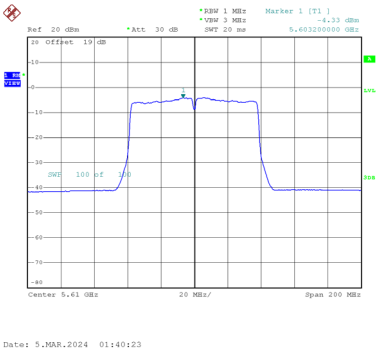
Test Mode	UNII-2C_TX AC(VHT80) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-4.09	0.33	-3.76	11.00	Complies
122	5610	-4.33	0.33	-4.00	11.00	Complies

CH106



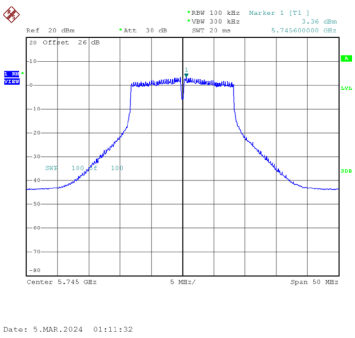
CH122



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	3.36	0.00	3.36	30.00	Complies
157	5785	3.06	0.00	3.06	30.00	Complies
165	5825	3.01	0.00	3.01	30.00	Complies

CH149



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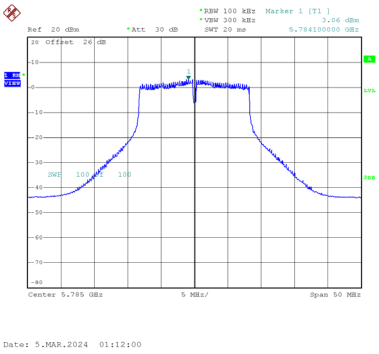
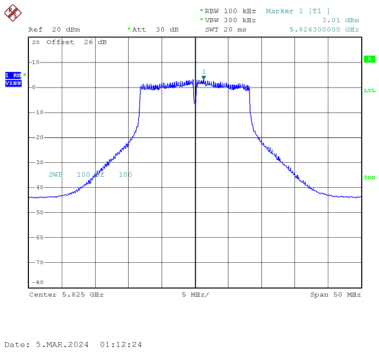


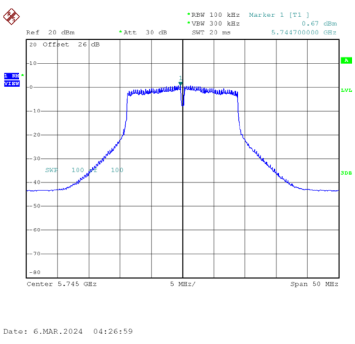
CH165



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	0.67	0.00	0.67	30.00	Complies
157	5785	0.40	0.00	0.40	30.00	Complies
165	5825	0.39	0.00	0.39	30.00	Complies

CH149



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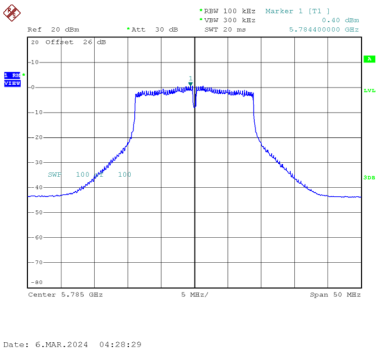
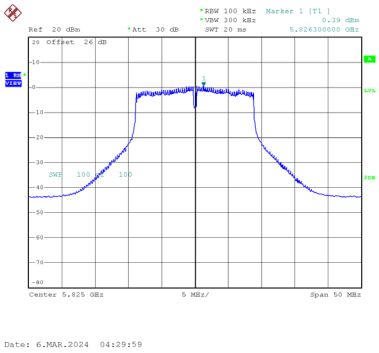


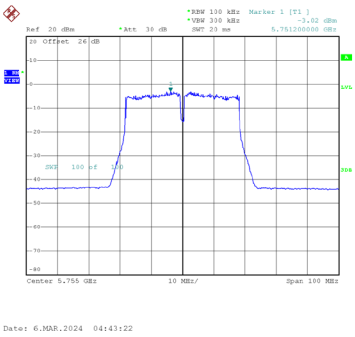
CH165



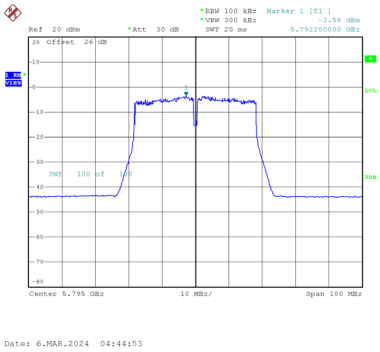
Test Mode	UNII-3_TX N(HT40) Mode

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	-3.02	0.16	-2.86	30.00	Complies
159	5795	-3.58	0.16	-3.42	30.00	Complies

CH151



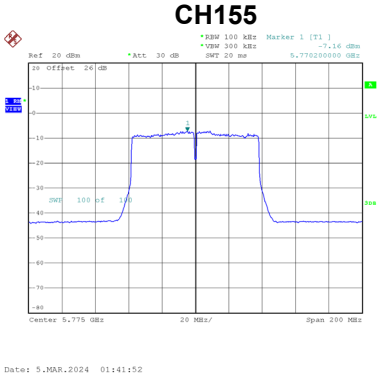
CH159



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	-7.16	0.33	-6.83	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
13.8	
12	
10.2	
Maximum Deviation (MHz)	
Maximum Deviation (ppm)	

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5180.0000
-10	
0	
10	
20	
30	
40	
50	
55	
Maximum Deviation (MHz)	
Maximum Deviation (ppm)	

Test Mode	UNII-2A

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5260.0000
13.8	
12	
10.2	
Maximum Deviation (MHz)	
Maximum Deviation (ppm)	

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5260.0000
-10	
0	
10	
20	
30	
40	
50	
55	
Maximum Deviation (MHz)	
Maximum Deviation (ppm)	

Test Mode	UNII-2C

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5500.0000
13.8	
12	
10.2	
Maximum Deviation (MHz)	
Maximum Deviation (ppm)	

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5500.0000
-10	
0	
10	
20	
30	
40	
50	
55	
Maximum Deviation (MHz)	
Maximum Deviation (ppm)	

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5745.0000
13.8	
12	
10.2	
Maximum Deviation (MHz)	
Maximum Deviation (ppm)	

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5745.0000
-10	
0	
10	
20	
30	
40	
50	
55	
Maximum Deviation (MHz)	
Maximum Deviation (ppm)	

End of Test Report