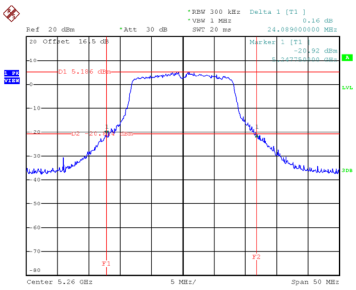
Test Mode	UNII-2A_TX A Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
52	5260	24.089	16.900
60	5300	23.500	16.900
64	5320	23.690	16.900

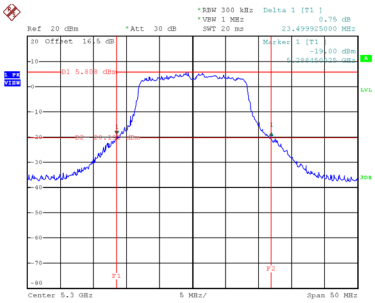
CH52



Date: 25.FEB.2025 13:47:39

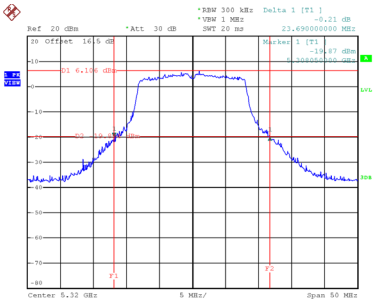
CH60

26 dB Bandwidth

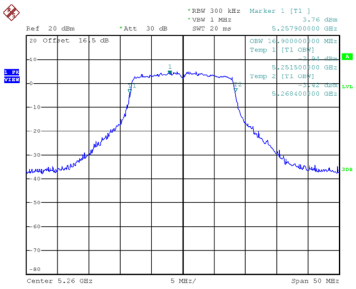


Date: 25.FEB.2025 13:49:06

CH64

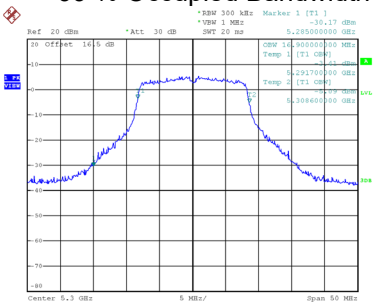


Date: 25.FEB.2025 14:03:39

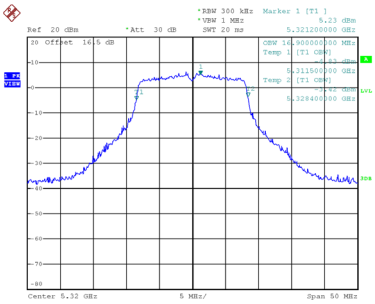


Date: 25.FEB.2025 13:47:07

99 % Occupied Bandwidth



Date: 25.FEB.2025 13:48:34



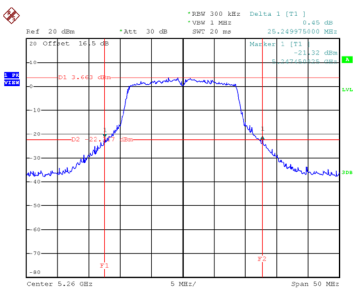
Date: 25.FEB.2025 14:03:08

Test Mode	UNII-2A_TX AC(VHT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
52	5260	25.250	18.100
60	5300	25.199	18.100
64	5320	24.590	18.000

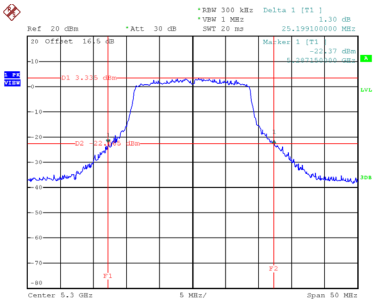
CH52

26 dB Bandwidth



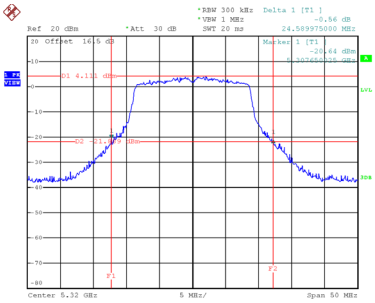
Date: 25.FEB.2025 14:44:51

CH60



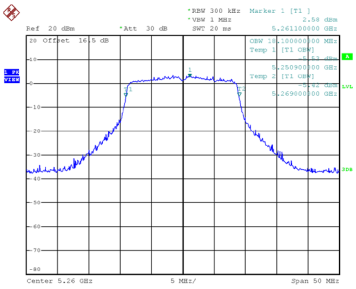
Date: 25.FEB.2025 14:49:28

CH64

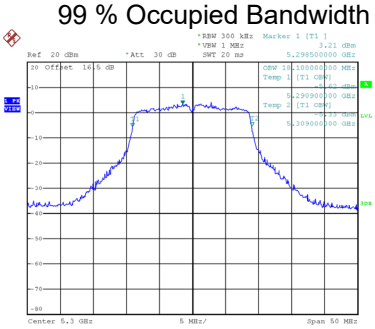


Date: 25.FEB.2025 15:05:11

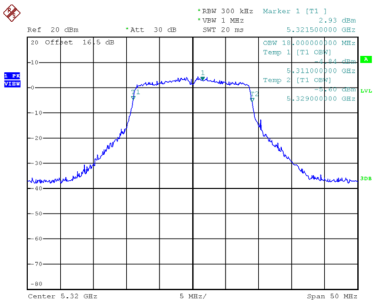
99 % Occupied Bandwidth



Date: 25.FEB.2025 14:44:23



Date: 25.FEB.2025 14:48:57

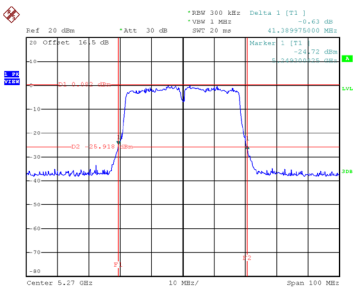


Date: 25.FEB.2025 15:04:37

Test Mode	UNII-2A_TX AC(VHT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
54	5270	41.390	36.800
62	5310	41.300	36.800

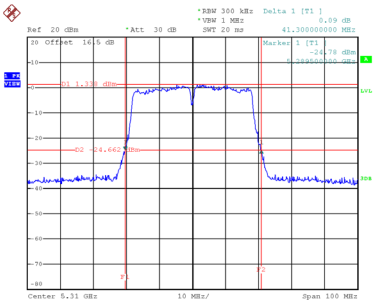
CH54



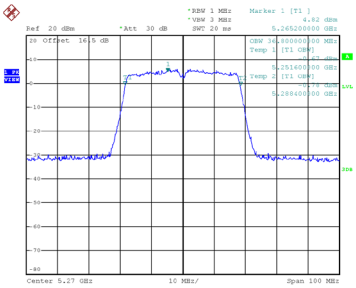
Date: 25.FEB.2025 15:18:48

CH62

26 dB Bandwidth

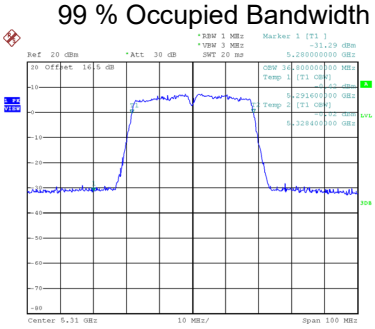


Date: 25.FEB.2025 15:21:46



Date: 25.FEB.2025 15:17:59

99 % Occupied Bandwidth



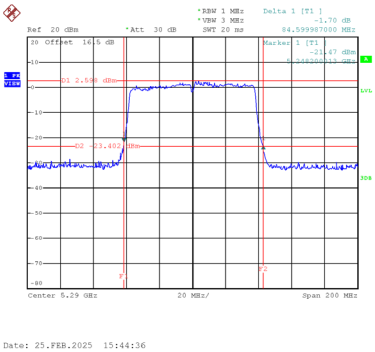
Date: 25.FEB.2025 15:20:56

Test Mode	UNII-2A_TX AC(VHT80) Mode

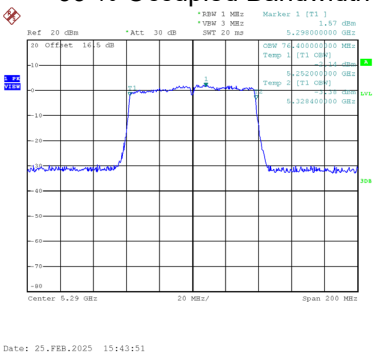
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
58	5290	84.600	76.400

CH58

26 dB Bandwidth



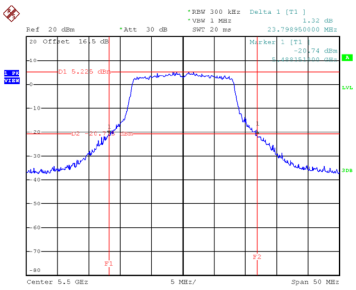
99 % Occupied Bandwidth



Test Mode	UNII-2C_TX A Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
100	5500	23.799	16.900
116	5580	23.690	17.000
140	5700	24.650	16.900

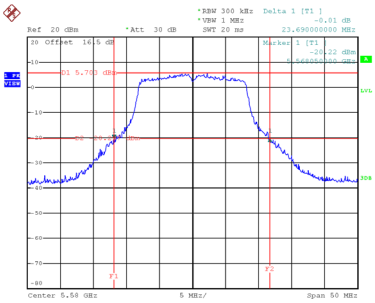
CH100



Date: 25.FEB.2025 14:10:06

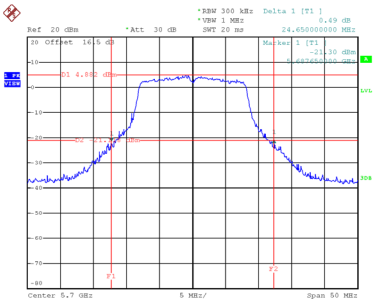
CH116

26 dB Bandwidth

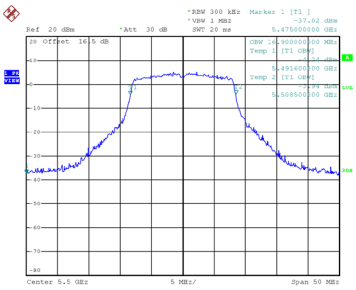


Date: 25.FEB.2025 14:11:34

CH140

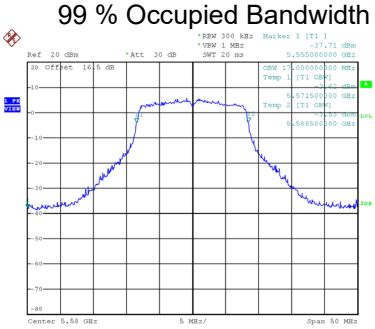


Date: 25.FEB.2025 14:12:45

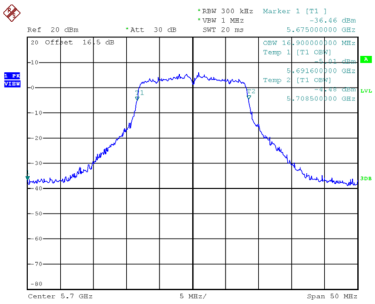


Date: 25.FEB.2025 14:09:37

99 % Occupied Bandwidth



Date: 25.FEB.2025 14:11:04

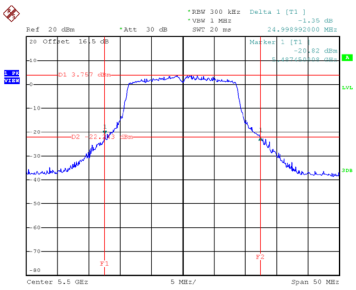


Date: 25.FEB.2025 14:12:16

Test Mode	UNII-2C_TX AC(VHT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
100	5500	24.999	18.100
116	5580	24.650	18.100
140	5700	24.690	18.100

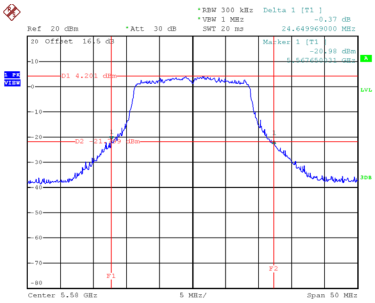
CH100



Date: 25.FEB.2025 15:06:24

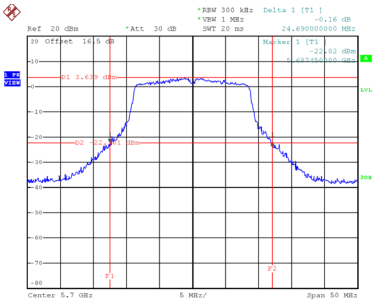
CH116

26 dB Bandwidth

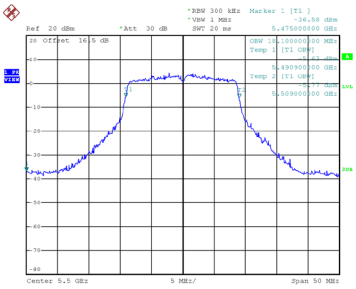


Date: 25.FEB.2025 15:07:44

CH140

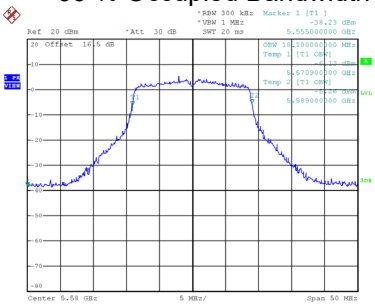


Date: 25.FEB.2025 15:09:00

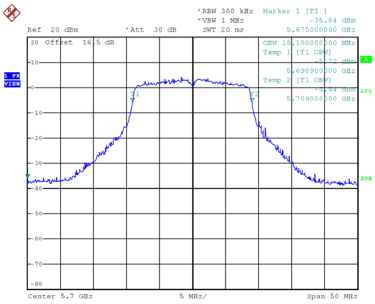


Date: 25.FEB.2025 15:05:53

99 % Occupied Bandwidth



Date: 25.FEB.2025 15:07:13

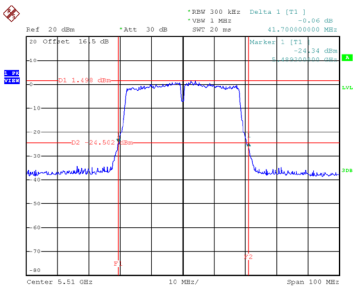


Date: 25.FEB.2025 15:08:25

Test Mode	UNII-2C_TX AC(VHT40) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
102	5510	41.700	36.800
110	5550	41.300	36.800
134	5670	40.788	36.800

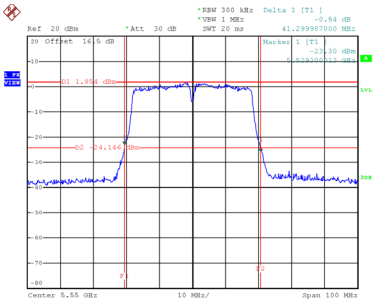
CH102



Date: 25.FEB.2025 15:24:01

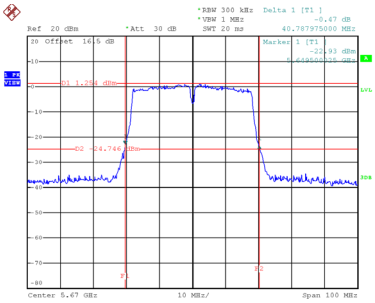
CH110

26 dB Bandwidth

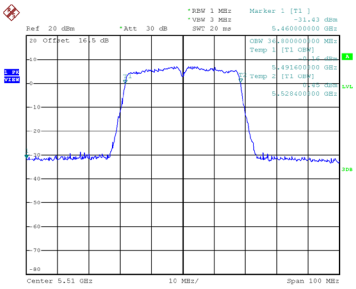


Date: 25.FEB.2025 15:27:58

CH134

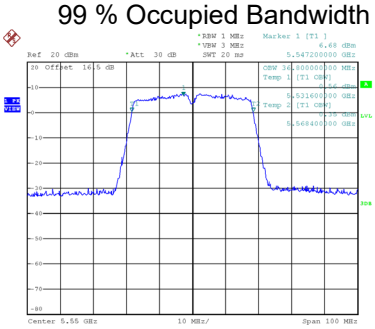


Date: 25.FEB.2025 15:29:33

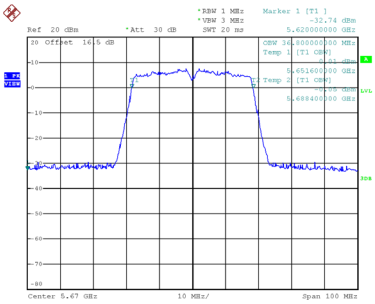


Date: 25.FEB.2025 15:23:11

99 % Occupied Bandwidth



Date: 25.FEB.2025 15:27:10

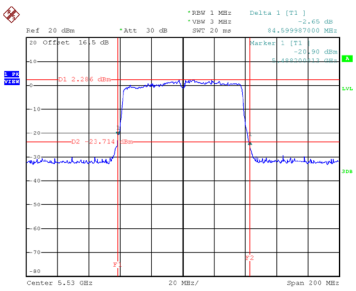


Date: 25.FEB.2025 15:28:42

Test Mode	UNII-2C_TX AC(VHT80) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
106	5530	84.600	76.000
122	5610	84.600	76.000

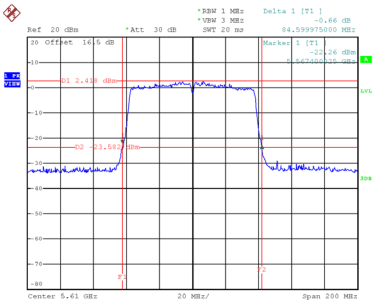
CH106



Date: 25.FEB.2025 15:46:08

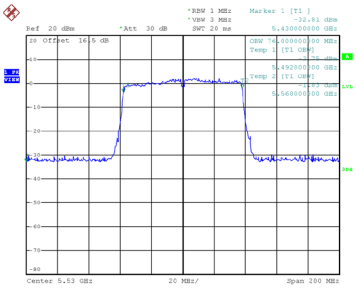
CH122

26 dB Bandwidth

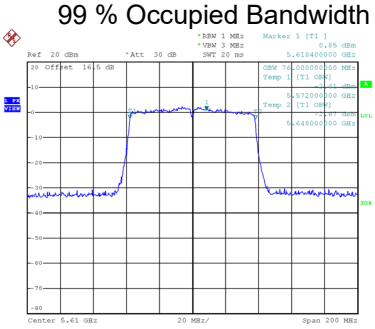


Date: 25.FEB.2025 15:47:41

99 % Occupied Bandwidth



Date: 25.FEB.2025 15:45:24

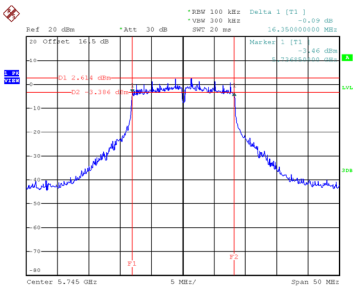


Date: 25.FEB.2025 15:46:53

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	16.350	16.800	0.5	Complies
157	5785	16.350	17.000	0.5	Complies
165	5825	16.290	16.800	0.5	Complies

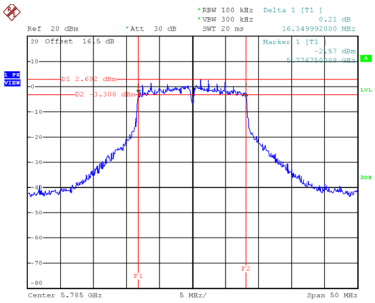
CH149



Date: 25.FEB.2025 14:14:00

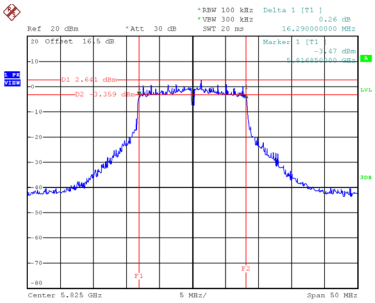
CH157

6 dB Bandwidth

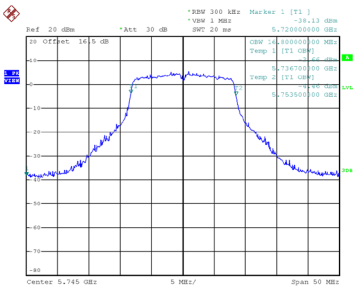


Date: 25.FEB.2025 14:24:52

CH165

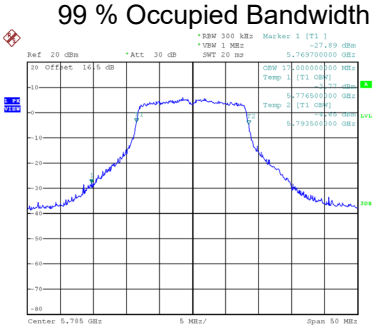


Date: 25.FEB.2025 14:26:21

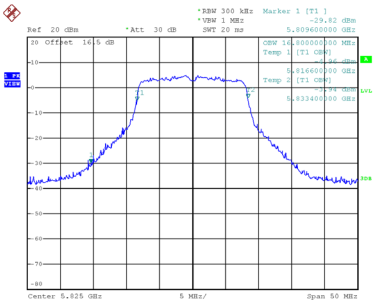


Date: 25.FEB.2025 14:13:25

99 % Occupied Bandwidth



Date: 25.FEB.2025 14:24:16

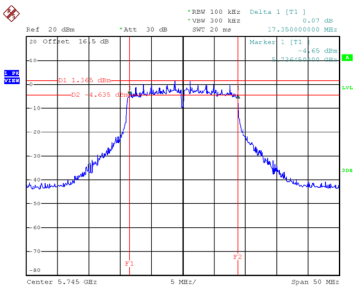


Date: 25.FEB.2025 14:25:44

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	17.350	18.000	0.5	Complies
157	5785	17.190	18.100	0.5	Complies
165	5825	17.000	18.000	0.5	Complies

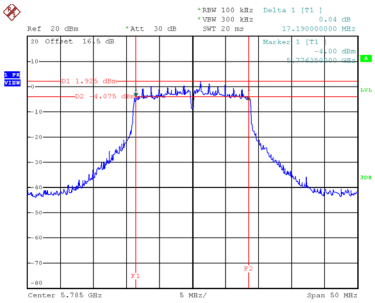
CH149



Date: 25.FEB.2025 15:10:14

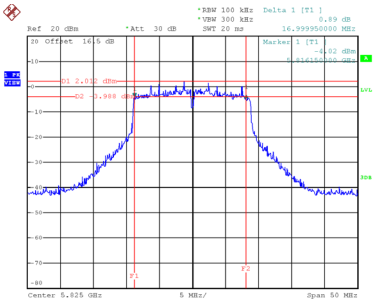
CH157

6 dB Bandwidth

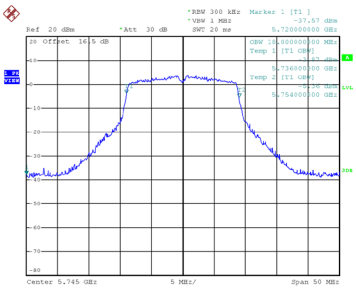


Date: 25.FEB.2025 15:11:41

CH165

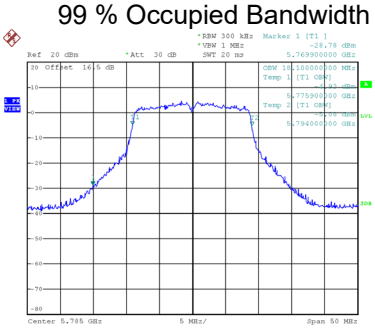


Date: 25.FEB.2025 15:12:59

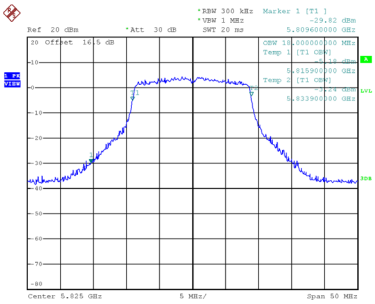


Date: 25.FEB.2025 15:09:39

99 % Occupied Bandwidth



Date: 25.FEB.2025 15:11:05

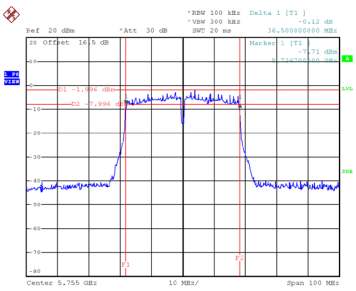


Date: 25.FEB.2025 15:12:21

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	36.500	36.800	0.5	Complies
159	5795	36.500	36.800	0.5	Complies

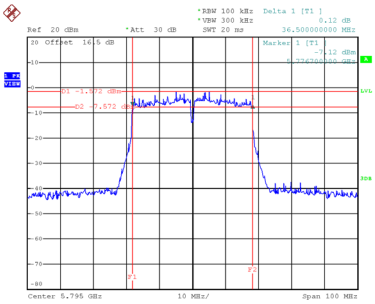
CH151



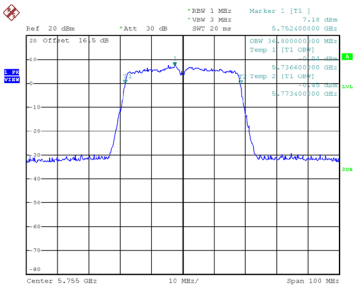
Date: 25.FEB.2025 15:32:59

CH159

6 dB Bandwidth

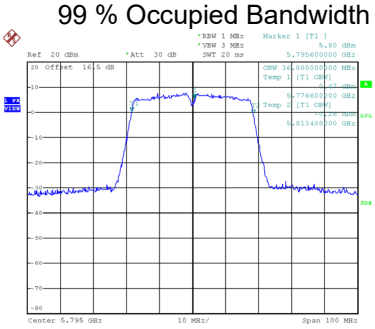


Date: 25.FEB.2025 15:34:39



Date: 25.FEB.2025 15:32:10

99 % Occupied Bandwidth



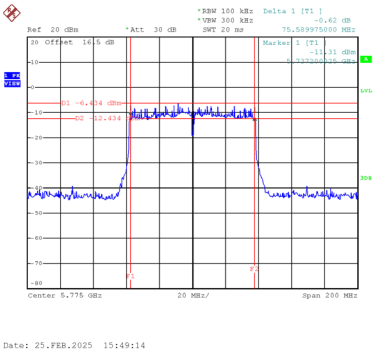
Date: 25.FEB.2025 15:33:49

Test Mode	UNII-3_TX AC(VHT80) Mode

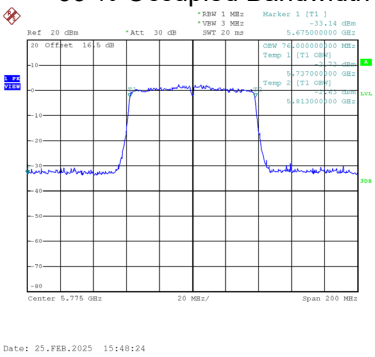
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
155	5775	75.590	76.000	0.5	Complies

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	13.92	0.00	13.92	23.98	0.2500	Complies
40	5200	13.95	0.00	13.95	23.98	0.2500	Complies
48	5240	13.92	0.00	13.92	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	12.02	0.09	12.11	23.98	0.2500	Complies
40	5200	11.89	0.09	11.98	23.98	0.2500	Complies
48	5240	11.96	0.09	12.05	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	12.06	0.16	12.22	23.98	0.2500	Complies
46	5230	11.89	0.16	12.05	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	9.88	0.37	10.25	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	13.78	0.00	13.78	23.98	0.2500	Complies
60	5300	14.10	0.00	14.10	23.98	0.2500	Complies
64	5320	13.92	0.00	13.92	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	11.89	0.09	11.98	23.98	0.2500	Complies
60	5300	12.03	0.09	12.12	23.98	0.2500	Complies
64	5320	11.89	0.09	11.98	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	12.15	0.16	12.31	23.98	0.2500	Complies
62	5310	11.79	0.16	11.95	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	10.11	0.37	10.48	23.98	0.2500	Complies

Test Mode	UNII-2C_TX A Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	14.05	0.00	14.05	23.98	0.2500	Complies
116	5580	14.10	0.00	14.10	23.98	0.2500	Complies
140	5700	13.94	0.00	13.94	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	12.01	0.09	12.10	23.98	0.2500	Complies
116	5580	12.13	0.09	12.22	23.98	0.2500	Complies
140	5700	11.90	0.09	11.99	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	12.15	0.16	12.31	23.98	0.2500	Complies
110	5550	12.05	0.16	12.21	23.98	0.2500	Complies
134	5670	12.11	0.16	12.27	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	10.09	0.37	10.46	23.98	0.2500	Complies
122	5610	10.11	0.37	10.48	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	13.98	0.00	13.98	30.00	1.0000	Complies
157	5785	13.89	0.00	13.89	30.00	1.0000	Complies
165	5825	14.02	0.00	14.02	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	11.89	0.09	11.98	30.00	1.0000	Complies
157	5785	12.11	0.09	12.20	30.00	1.0000	Complies
165	5825	12.09	0.09	12.18	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	12.02	0.16	12.18	30.00	1.0000	Complies
159	5795	11.89	0.16	12.05	30.00	1.0000	Complies

Test Mode	UNII-3_TX AC(VHT80) Mode

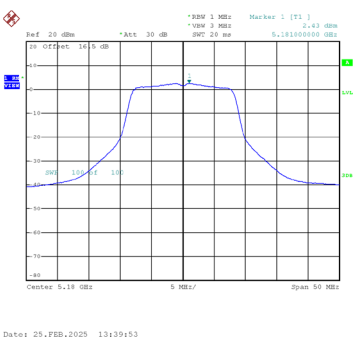
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
155	5775	9.89	0.37	10.26	30.00	1.0000	Complies

APPENDIX G - POWER SPECTRAL DENSITY

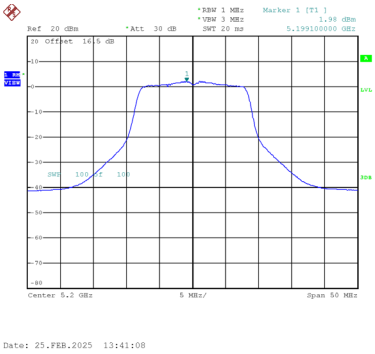
Test Mode	UNII-1_TX A Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	2.43	0.00	2.43	11.00	Complies
40	5200	1.98	0.00	1.98	11.00	Complies
48	5240	2.42	0.00	2.42	11.00	Complies

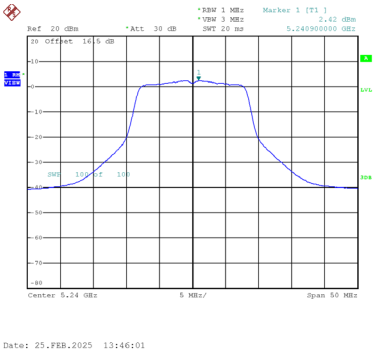
CH36



CH40



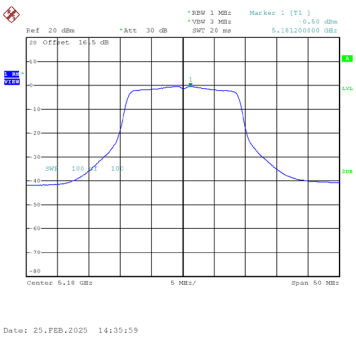
CH48



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	-0.50	0.09	-0.41	11.00	Complies
40	5200	-0.36	0.09	-0.27	11.00	Complies
48	5240	-0.28	0.09	-0.19	11.00	Complies

CH36



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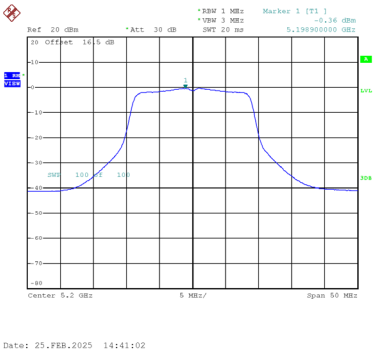

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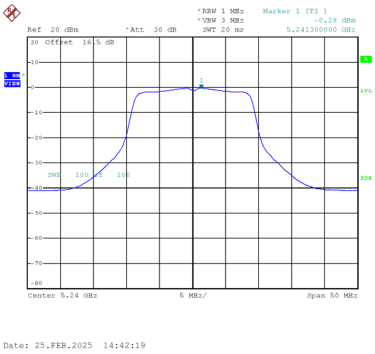
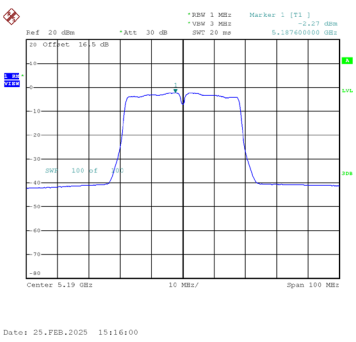


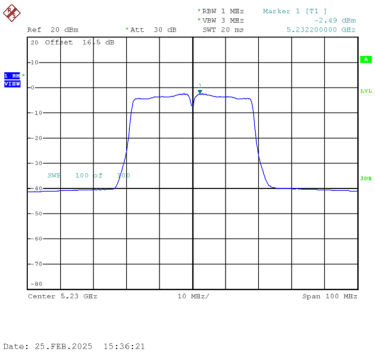
Test Mode	UNII-1_TX AC(VHT40) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	-2.27	0.16	-2.11	11.00	Complies
46	5230	-2.49	0.16	-2.33	11.00	Complies

CH38



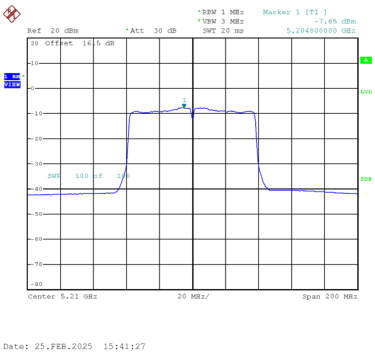
CH46



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	-7.65	0.37	-7.28	11.00	Complies

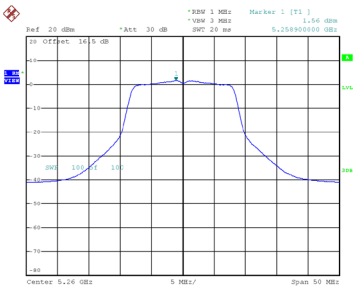
CH42



Test Mode	UNII-2A_TX A Mode

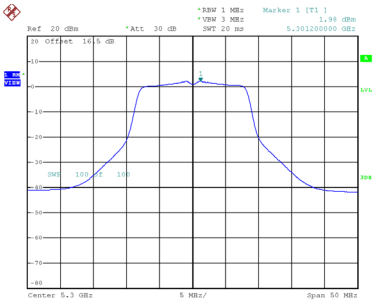
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	1.56	0.00	1.56	11.00	Complies
60	5300	1.98	0.00	1.98	11.00	Complies
64	5320	2.02	0.00	2.02	11.00	Complies

CH52



Date: 25.FEB.2025 13:47:52

CH60



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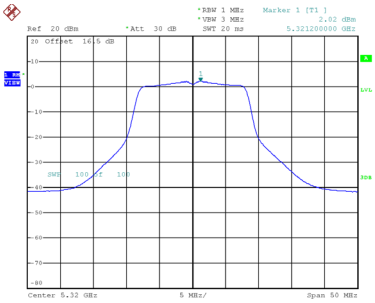
CH64

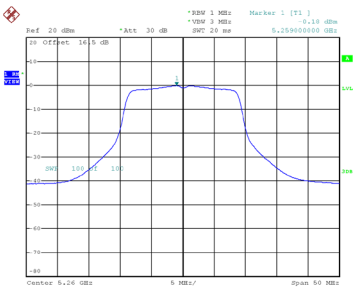


Date: 25.FEB.2025 14:29:57

Test Mode	UNII-2A_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
52	5260	-0.18	0.09	-0.09	11.00	Complies
60	5300	-0.07	0.09	0.02	11.00	Complies
64	5320	0.65	0.09	0.74	11.00	Complies

CH52



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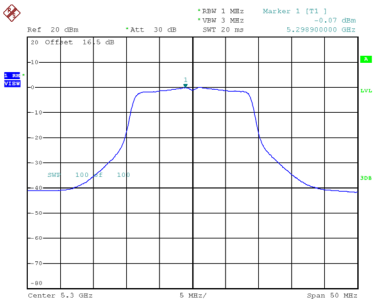
CH60



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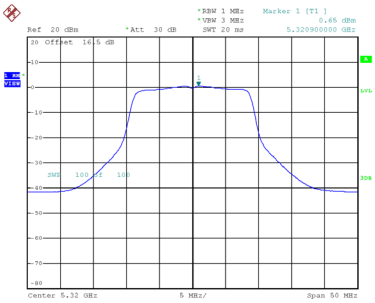
CH64

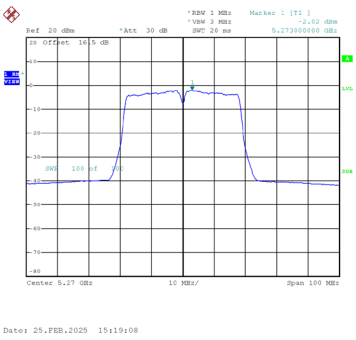


Date: 25.FEB.2025 15:05:25

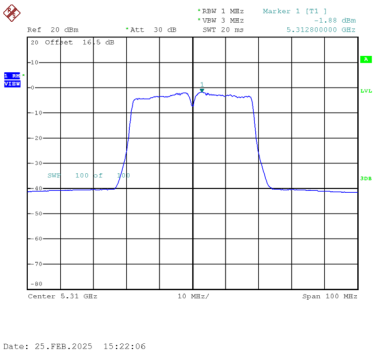
Test Mode	UNII-2A_TX AC(VHT40) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	-2.02	0.16	-1.86	11.00	Complies
62	5310	-1.88	0.16	-1.72	11.00	Complies

CH54



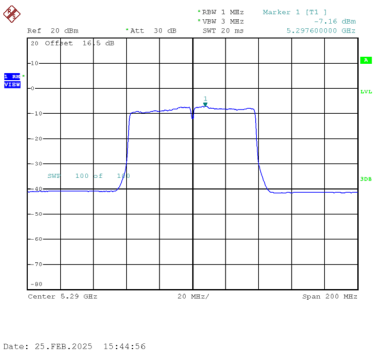
CH62



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	-7.16	0.37	-6.79	11.00	Complies

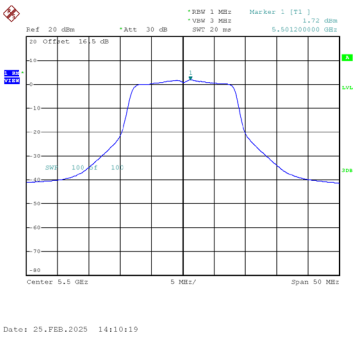
CH58



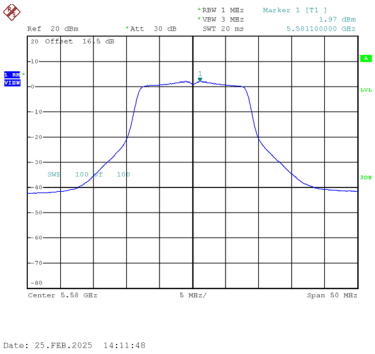
Test Mode	UNII-2C_TX A Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	1.72	0.00	1.72	11.00	Complies
116	5580	1.97	0.00	1.97	11.00	Complies
140	5700	1.30	0.00	1.30	11.00	Complies

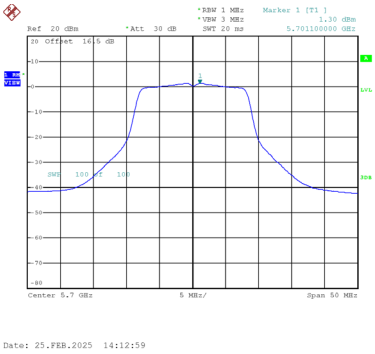
CH100



CH116



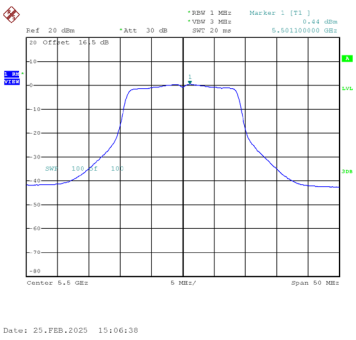
CH140



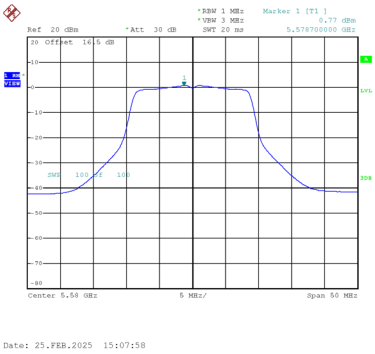
Test Mode	UNII-2C_TX AC(VHT20) Mode

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	0.44	0.09	0.53	11.00	Complies
116	5580	0.77	0.09	0.86	11.00	Complies
140	5700	0.26	0.09	0.35	11.00	Complies

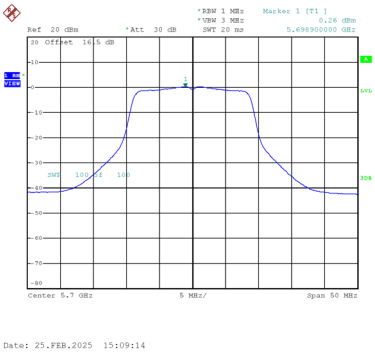
CH100



CH116



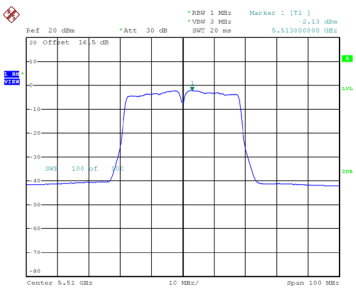
CH140



Test Mode	UNII-2C_TX AC(VHT40) Mode

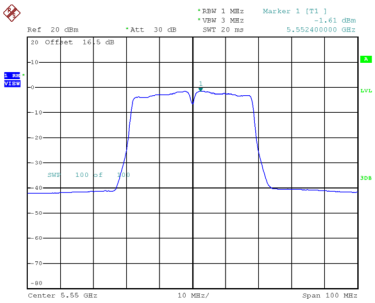
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	-2.13	0.16	-1.97	11.00	Complies
110	5550	-1.61	0.16	-1.45	11.00	Complies
134	5670	-1.94	0.16	-1.78	11.00	Complies

CH102



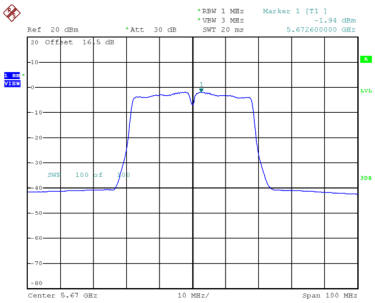
Date: 25.FEB.2025 15:24:21

CH110



Date: 25.FEB.2025 15:38:33

CH134

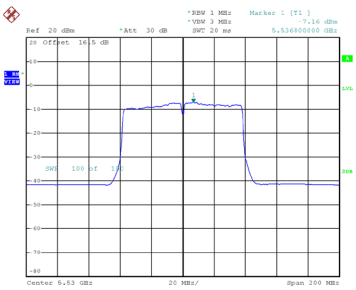


Date: 25.FEB.2025 15:38:56

Test Mode	UNII-2C_TX AC(VHT80) Mode

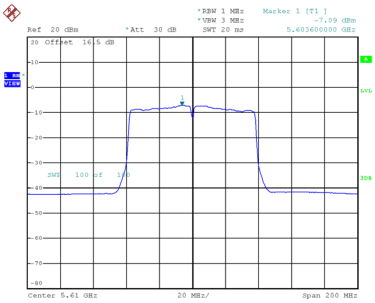
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	-7.16	0.37	-6.79	11.00	Complies
122	5610	-7.09	0.37	-6.72	11.00	Complies

CH106



Date: 25.FEB.2025 15:46:28

CH122

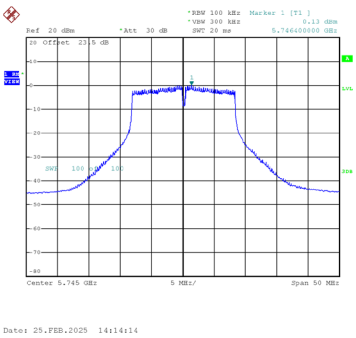


Date: 25.FEB.2025 15:48:01

Test Mode	UNII-3_TX A Mode

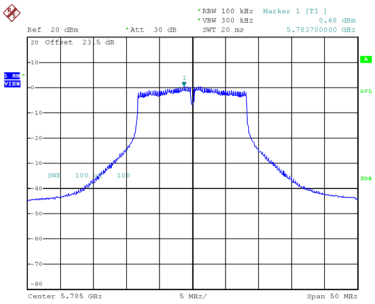
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	0.13	0.00	0.13	30.00	Complies
157	5785	0.68	0.00	0.68	30.00	Complies
165	5825	0.00	0.00	0.00	30.00	Complies

CH149



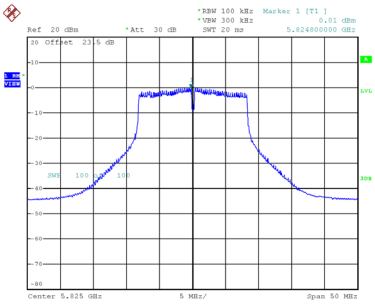
Date: 25.FEB.2025 14:14:14

CH157



Date: 25.FEB.2025 14:25:06

CH165

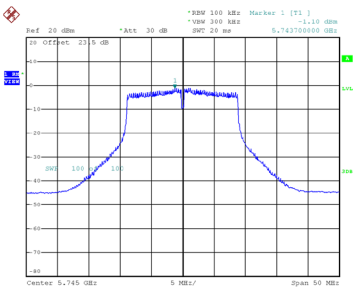


Date: 25.FEB.2025 14:26:35

Test Mode	UNII-3_TX AC(VHT20) Mode

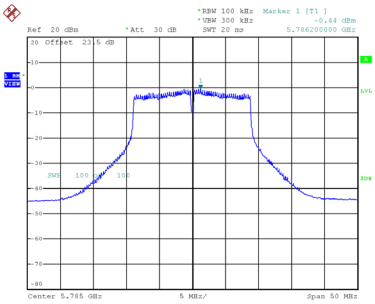
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	-1.10	0.09	-1.01	30.00	Complies
157	5785	-0.44	0.09	-0.35	30.00	Complies
165	5825	-0.59	0.09	-0.50	30.00	Complies

CH149



Date: 25.FEB.2025 15:10:28

CH157



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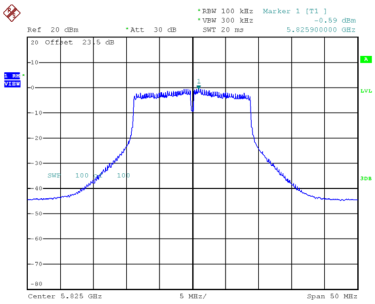
CH165

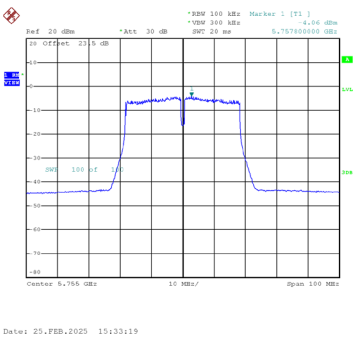


Date: 25.FEB.2025 15:13:13

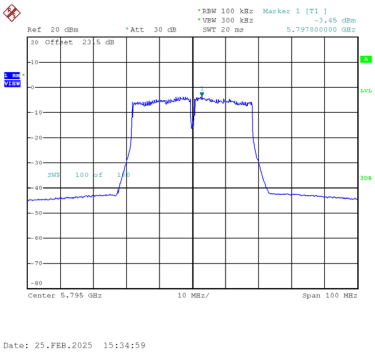
Test Mode	UNII-3_TX AC(VHT40) Mode

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	-4.06	0.16	-3.90	30.00	Complies
159	5795	-3.45	0.16	-3.29	30.00	Complies

CH151



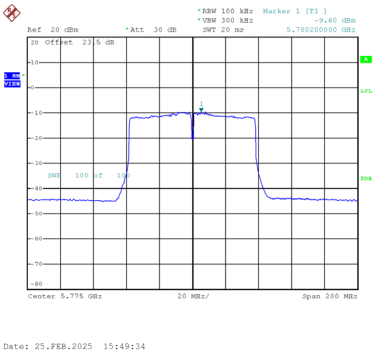
CH159



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	-9.60	0.37	-9.23	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
5.5	5179.9550
5	5179.9600
4.5	5179.9199
Maximum Deviation (MHz)	0.0801
Maximum Deviation (ppm)	15.4681

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5180.0000
0	5179.9399
10	5179.9399
20	5179.9399
30	5179.9400
40	5179.9600
Maximum Deviation (MHz)	0.0601
Maximum Deviation (ppm)	11.6071

Test Mode	UNII-2A

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5260.0000
5.5	5259.9399
5	5259.9550
4.5	5259.9600
Maximum Deviation (MHz)	0.0601
Maximum Deviation (ppm)	11.4282

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5260.0000
0	5259.9550
10	5259.9600
20	5259.9550
30	5259.9200
40	5259.9550
Maximum Deviation (MHz)	0.0800
Maximum Deviation (ppm)	15.2139

Test Mode	UNII-2C

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5500.0000
5.5	5499.9200
5	5499.9350
4.5	5499.9550
Maximum Deviation (MHz)	0.0800
Maximum Deviation (ppm)	14.5477

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5500.0000
0	5499.9400
10	5499.9599
20	5499.9550
30	5499.9600
40	5499.9550
Maximum Deviation (MHz)	0.0600
Maximum Deviation (ppm)	10.9114

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5745.0000
5.5	5744.9350
5	5744.9550
4.5	5744.9199
Maximum Deviation (MHz)	0.0801
Maximum Deviation (ppm)	13.9469

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5745.0000
0	5744.9199
10	5744.9400
20	5744.9350
30	5744.9199
40	5744.9550
Maximum Deviation (MHz)	0.0801
Maximum Deviation (ppm)	13.9447

End of Test Report