Test Mode	UNII-2C_TX A Mode

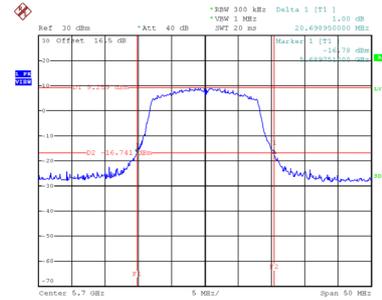| Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
100	5500	20.600	16.600
116	5580	20.749	16.600
140	5700	20.699	16.600

CH100

Date: 16.JAN.2025 19:29:45

CH116

26 dB Bandwidth

Date: 16.JAN.2025 19:30:55

CH140

Date: 16.JAN.2025 19:31:57

Date: 16.JAN.2025 19:29:07

99 % Occupied Bandwidth

Date: 16.JAN.2025 19:30:25

Date: 16.JAN.2025 19:31:28
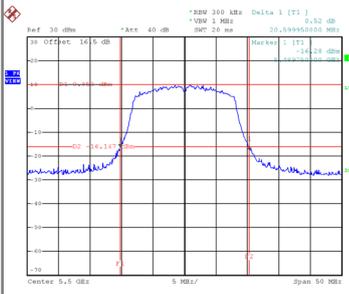
Test Mode	UNII-2C_TX N(HT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
100	5500	21.789	17.700
116	5580	22.250	17.700
140	5700	21.550	17.700

CH100

CH116
26 dB Bandwidth

CH140

Date: 17.JAN.2025 09:18:42
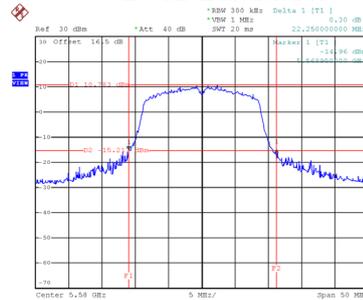
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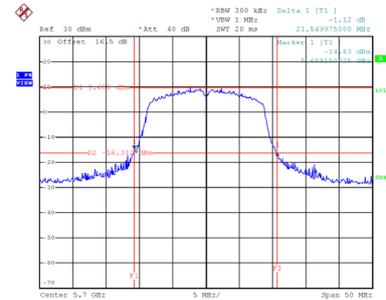
Date: 17.JAN.2025 09:21:02

99 % Occupied Bandwidth

Date: 17.JAN.2025 09:18:07

Date: 17.JAN.2025 09:19:17

Date: 17.JAN.2025 09:20:28

Test Mode	UNII-2C_TX N(HT40) Mode

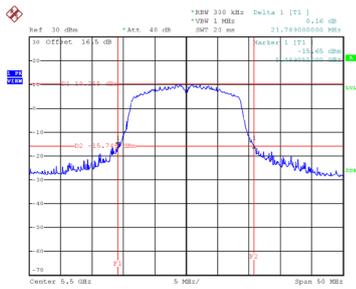| Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
102	5510	38.200	35.600
110	5550	38.200	35.800
134	5670	38.100	35.800

CH102
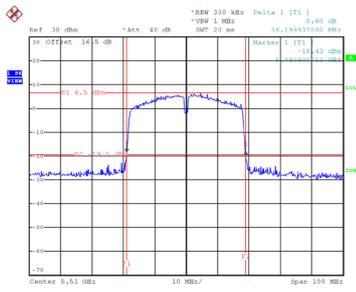
Date: 17.JAN.2025 09:40:59

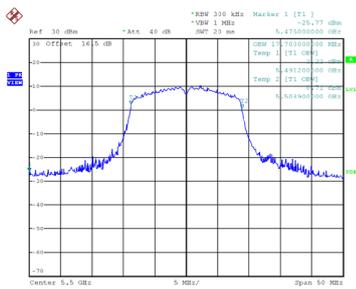### CH110
26 dB Bandwidth
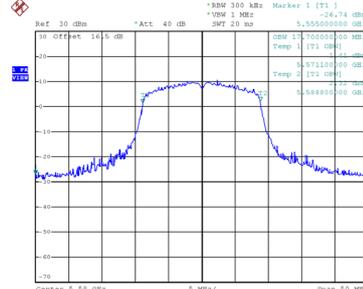

Date: 17.JAN.2025 09:42:42

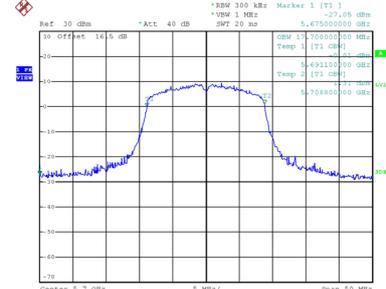### CH134
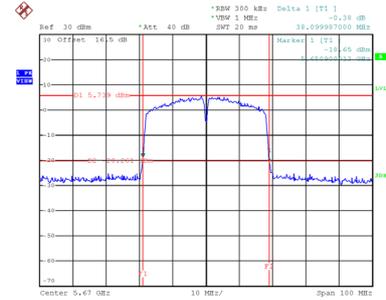
Date: 17.JAN.2025 09:49:22

99 % Occupied Bandwidth

Date: 17.JAN.2025 09:40:05

Date: 17.JAN.2025 09:41:51
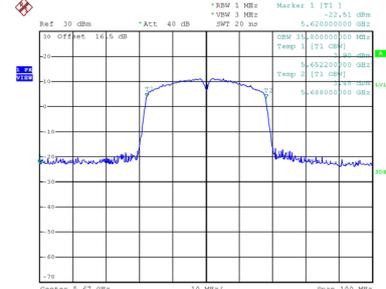
Date: 17.JAN.2025 09:48:29

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	13.689	16.600	0.5	Complies
157	5785	15.389	16.600	0.5	Complies
165	5825	13.550	16.600	0.5	Complies

CH149	CH157	CH165
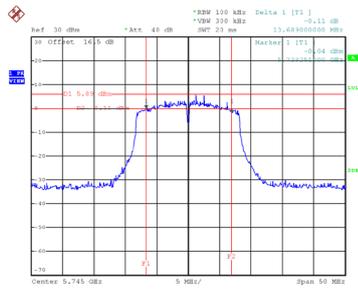
6 dB Bandwidth

Date: 16.JAN.2025 19:33:12
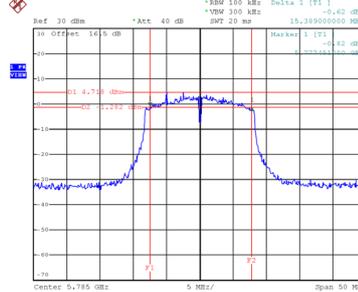
Date: 16.JAN.2025 19:34:33
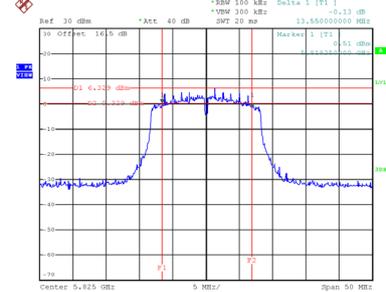
Date: 16.JAN.2025 19:35:42

99 % Occupied Bandwidth
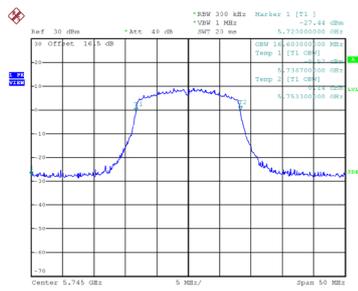
Date: 16.JAN.2025 19:32:33
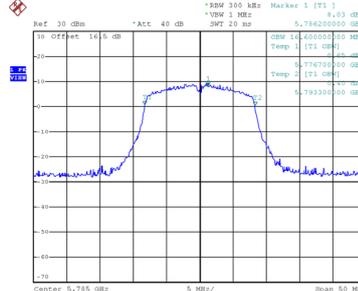
Date: 16.JAN.2025 19:33:59
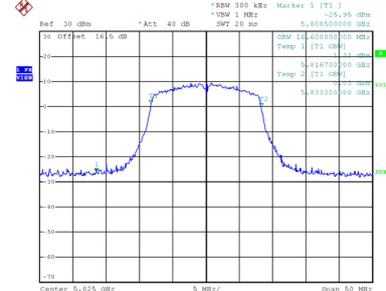
Date: 16.JAN.2025 19:35:05

Test Mode	UNII-3_TX N(HT20) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
149	5745	17.099	17.700	0.5	Complies
157	5785	17.050	17.800	0.5	Complies
165	5825	17.089	17.700	0.5	Complies

CH149　　　　CH157　　　　CH165
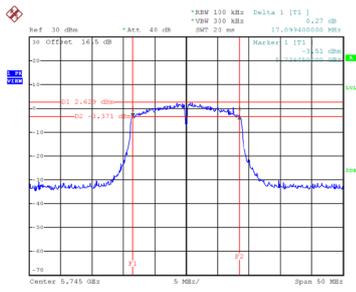
6 dB Bandwidth

Date: 17.JAN.2025 09:23:21
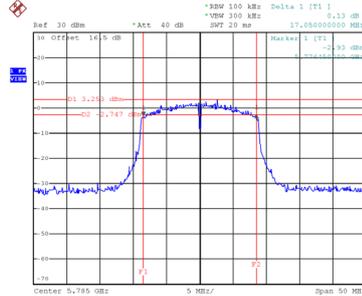
Date: 17.JAN.2025 09:24:51
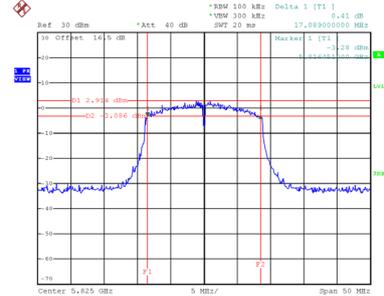
Date: 17.JAN.2025 09:28:12

99 % Occupied Bandwidth
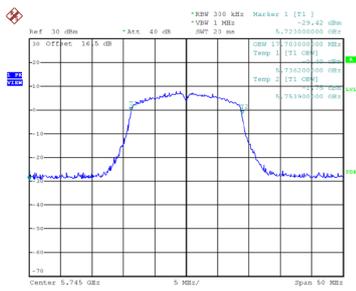
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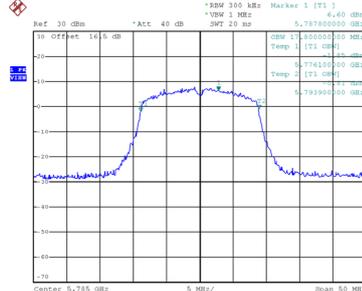
Date: 17.JAN.2025 09:24:16
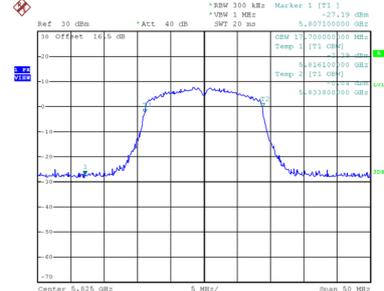
Date: 17.JAN.2025 09:25:34

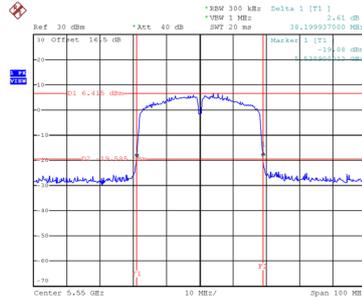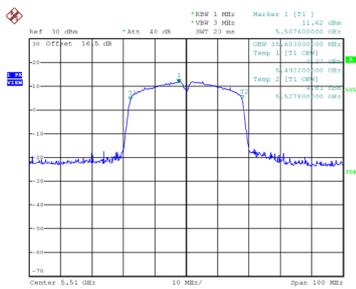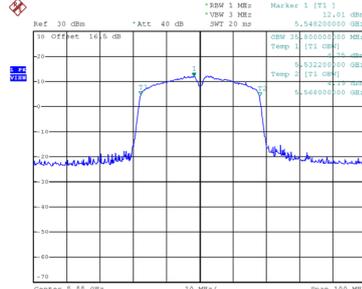| Test Mode	UNII-3_TX N(HT40) Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
151	5755	31.200	35.600	0.5	Complies
159	5795	31.900	35.800	0.5	Complies

CH151   **CH159**
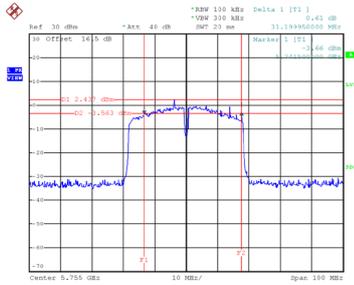
6 dB Bandwidth

Date: 17.JAN.2025 09:50:57
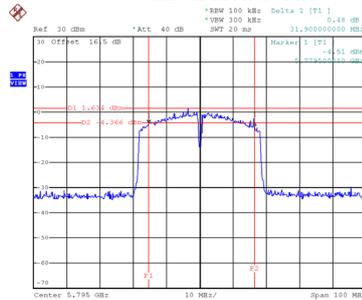
Date: 17.JAN.2025 09:52:35

99 % Occupied Bandwidth
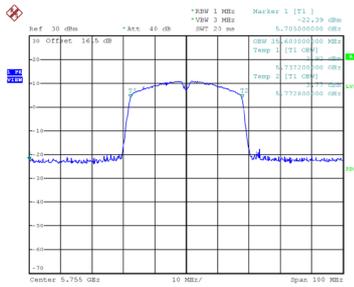

Date: 17.JAN.2025 09:50:00
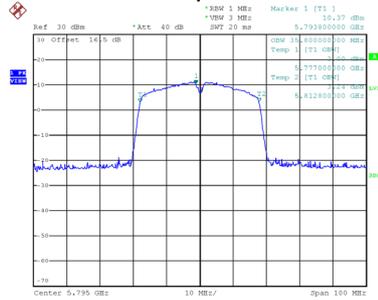
Date: 17.JAN.2025 09:51:40

APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	UNII-1_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
36	5180	17.03	0.42	17.45	23.98	0.2500	Complies
40	5200	17.05	0.42	17.47	23.98	0.2500	Complies
48	5240	17.11	0.42	17.53	23.98	0.2500	Complies

Test Mode	UNII-1_TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	17.03	0.11	17.14	23.98	0.2500	Complies
40	5200	17.11	0.11	17.22	23.98	0.2500	Complies
48	5240	17.06	0.11	17.17	23.98	0.2500	Complies

Test Mode	UNII-1_TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
38	5190	15.19	0.23	15.42	23.98	0.2500	Complies
46	5230	16.31	0.23	16.54	23.98	0.2500	Complies

Test Mode	UNII-2A_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
52	5260	17.23	0.42	17.65	23.98	0.2500	Complies
60	5300	17.12	0.42	17.54	23.98	0.2500	Complies
64	5320	16.56	0.42	16.98	23.98	0.2500	Complies

Test Mode	UNII-2A_TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	17.12	0.11	17.23	23.98	0.2500	Complies
60	5300	17.13	0.11	17.24	23.98	0.2500	Complies
64	5320	15.89	0.11	16.00	23.98	0.2500	Complies

Test Mode	UNII-2A_TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
54	5270	16.29	0.23	16.52	23.98	0.2500	Complies
62	5310	12.17	0.23	12.40	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	16.59	0.42	17.01	23.98	0.2500	Complies
116	5580	16.40	0.42	16.82	23.98	0.2500	Complies
140	5700	15.51	0.42	15.93	23.98	0.2500	Complies

Test Mode	UNII-2C_TX N(HT20) 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	15.91	0.11	16.02	23.98	0.2500	Complies
116	5580	15.87	0.11	15.98	23.98	0.2500	Complies
140	5700	14.89	0.11	15.00	23.98	0.2500	Complies

Test Mode	UNII-2C_TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
102	5510	12.19	0.23	12.42	23.98	0.2500	Complies
110	5550	16.03	0.23	16.26	23.98	0.2500	Complies
134	5670	16.01	0.23	16.24	23.98	0.2500	Complies

Test Mode	UNII-3_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
149	5745	16.36	0.42	16.78	30.00	1.0000	Complies
157	5785	16.31	0.42	16.73	30.00	1.0000	Complies
165	5825	16.44	0.42	16.86	30.00	1.0000	Complies

Test Mode	UNII-3_TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	15.89	0.11	16.00	30.00	1.0000	Complies
157	5785	16.03	0.11	16.14	30.00	1.0000	Complies
165	5825	15.92	0.11	16.03	30.00	1.0000	Complies

Test Mode	UNII-3_TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
151	5755	15.88	0.23	16.11	30.00	1.0000	Complies
159	5795	15.75	0.23	15.98	30.00	1.0000	Complies

APPENDIX G - POWER SPECTRAL DENSITY

Test Mode	UNII-1_TX A Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	7.76	0.42	8.18	11.00	Complies
40	5200	7.45	0.42	7.87	11.00	Complies
48	5240	7.50	0.42	7.92	11.00	Complies

CH36   CH40   CH48
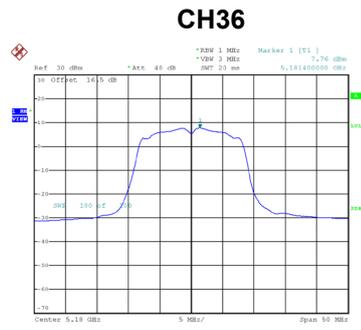
Date: 16.JAN.2025 19:15:41
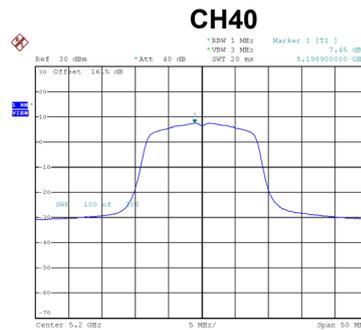
Date: 16.JAN.2025 19:16:53

Date: 16.JAN.2025 19:18:19

Test Mode	UNII-1_TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	6.23	0.11	6.34	11.00	Complies
40	5200	7.00	0.11	7.11	11.00	Complies
48	5240	6.91	0.11	7.02	11.00	Complies

CH36   CH40   CH48
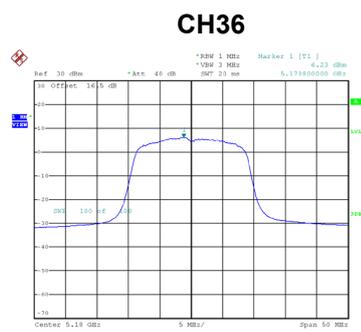
Date: 17.JAN.2025 09:08:22
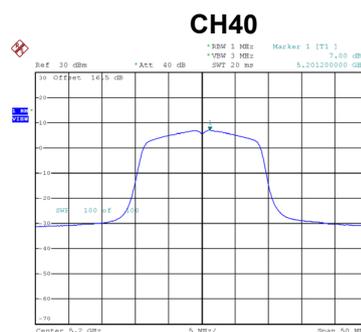
Date: 17.JAN.2025 09:11:26

Date: 17.JAN.2025 09:13:03

Test Mode	UNII-1_TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
38	5190	4.01	0.23	4.24	11.00	Complies
46	5230	4.11	0.23	4.34	11.00	Complies

CH38

Date: 17.JAN.2025 09:34:45

CH46

Date: 17.JAN.2025 09:35:58

Test Mode	UNII-2A_TX A Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	6.16	0.42	6.58	11.00	Complies
60	5300	6.37	0.42	6.79	11.00	Complies
64	5320	6.50	0.42	6.92	11.00	Complies

CH52

Date: 16.JAN.2025 19:21:46

CH60

Date: 16.JAN.2025 19:23:07

CH64
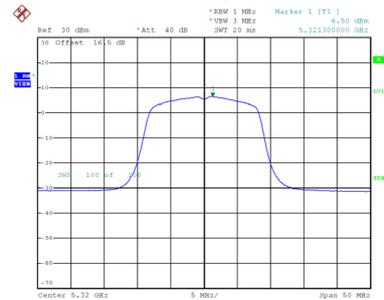
Date: 16.JAN.2025 19:24:21

Test Mode	UNII-2A_TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	5.74	0.11	5.85	11.00	Complies
60	5300	5.84	0.11	5.95	11.00	Complies
64	5320	5.86	0.11	5.97	11.00	Complies

CH52
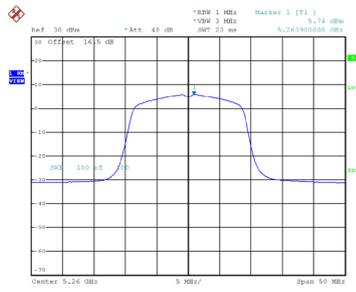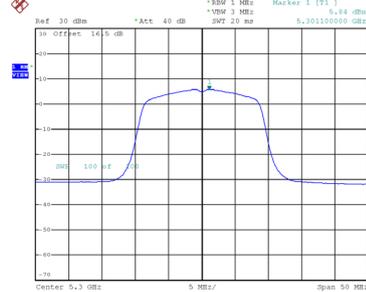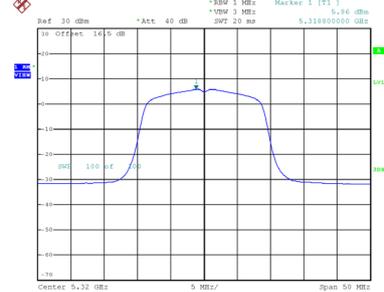
Date: 17.JAN.2025 09:14:26

CH60

Date: 17.JAN.2025 09:16:45

CH64

Date: 17.JAN.2025 09:17:48

Test Mode	UNII-2A_TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
54	5270	2.86	0.23	3.09	11.00	Complies
62	5310	3.01	0.23	3.24	11.00	Complies

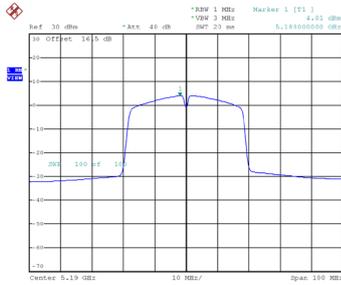### CH54

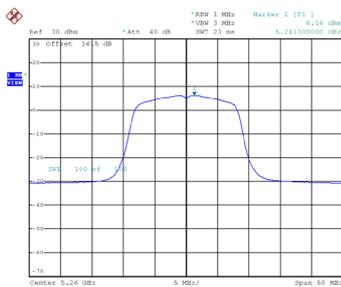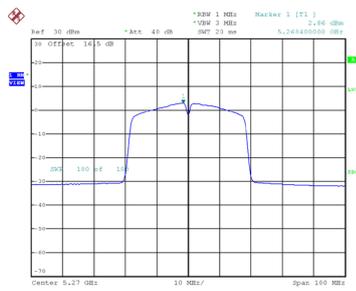
Date: 17.JAN.2025 09:37:41

CH62

Date: 17.JAN.2025 09:39:16

Test Mode	UNII-2C_TX A Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	6.75	0.42	7.17	11.00	Complies
116	5580	6.87	0.42	7.29	11.00	Complies
140	5700	5.92	0.42	6.34	11.00	Complies

CH100　　**CH116**　　**CH140**

Date: 16.JAN.2025 19:29:59

Date: 16.JAN.2025 19:31:09

Date: 16.JAN.2025 19:32:11

Test Mode	UNII-2C_TX N(HT20) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	5.42	0.11	5.53	11.00	Complies
116	5580	5.72	0.11	5.83	11.00	Complies
140	5700	4.73	0.11	4.84	11.00	Complies

CH100　　**CH116**　　**CH140**

Date: 17.JAN.2025 09:29:30

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Date: 17.JAN.2025 09:30:40

Test Mode	UNII-2C_TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	3.20	0.23	3.43	11.00	Complies
110	5550	3.37	0.23	3.60	11.00	Complies
134	5670	2.68	0.23	2.91	11.00	Complies

CH102	CH110	CH134

Date: 17.JAN.2025 09:41:19

Date: 17.JAN.2025 09:48:09
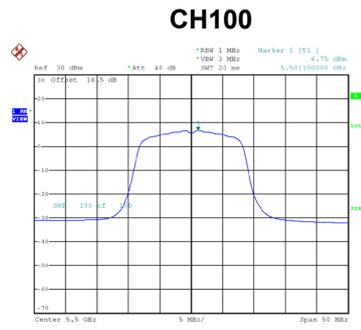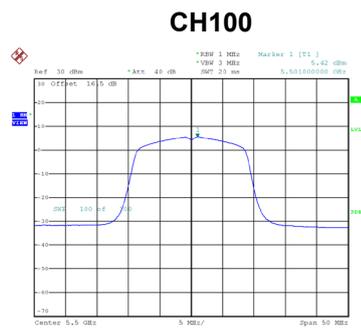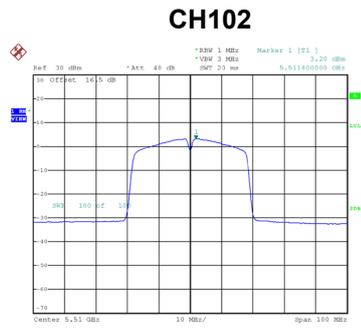
Date: 17.JAN.2025 09:49:42

Test Mode	UNII-3_TX A Mode_Ant. 1

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	3.95	0.42	4.37	30.00	Complies
157	5785	3.99	0.42	4.41	30.00	Complies
165	5825	4.20	0.42	4.62	30.00	Complies

CH149	CH157	CH165
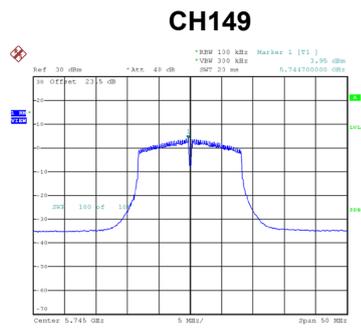
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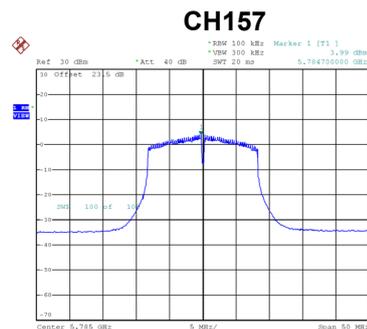
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Date: 16.JAN.2025 19:35:56

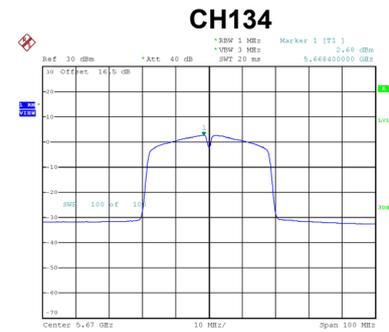| Test Mode	UNII-3_TX N(HT20) Mode_Ant. 1

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	2.98	0.11	3.09	30.00	Complies
157	5785	3.06	0.11	3.17	30.00	Complies
165	5825	3.36	0.11	3.47	30.00	Complies
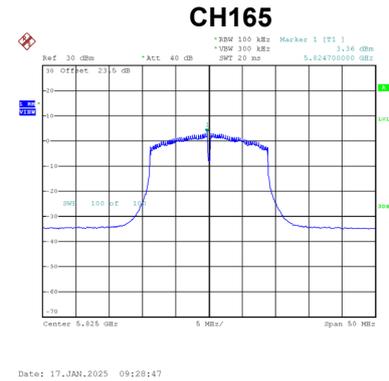
CH149

Date: 17.JAN.2025 09:23:35

CH157

Date: 17.JAN.2025 09:25:05

CH165

Date: 17.JAN.2025 09:28:47

Test Mode	UNII-3_TX N(HT40) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	0.20	0.23	0.43	30.00	Complies
159	5795	0.42	0.23	0.65	30.00	Complies

CH151

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CH159

Date: 17.JAN.2025 09:52:55
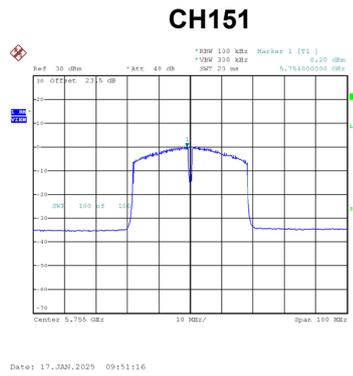
APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5180.0000
138	5180.0000
120	5179.9748
102	5179.9799
Maximum Deviation (MHz)	0.0252
Maximum Deviation (ppm)	4.8649

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5180.0000
0	5179.9999
10	5179.9999
20	5179.9799
30	5180.0000
35	5179.9950
Maximum Deviation (MHz)	0.0201
Maximum Deviation (ppm)	3.8851

Test Mode	UNII-2A

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5260.0000
138	5259.9799
120	5260.0200
102	5259.9999
Maximum Deviation (MHz)	0.0201
Maximum Deviation (ppm)	3.8260

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5260.0000
0	5259.9999
10	5260.0200
20	5260.0000
30	5260.0302
35	5259.9748
Maximum Deviation (MHz)	0.0301
Maximum Deviation (ppm)	5.7319

Test Mode	UNII-2C

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5500.0000
138	5499.9950
120	5499.9950
102	5500.0000
Maximum Deviation (MHz)	0.0050
Maximum Deviation (ppm)	0.9091

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5500.0000
0	5499.9748
10	5499.9799
20	5500.0200
30	5499.9950
35	5500.0150
Maximum Deviation (MHz)	0.0252
Maximum Deviation (ppm)	4.5818

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5745.0000
138	5745.0000
120	5744.9799
102	5745.0000
Maximum Deviation (MHz)	0.0201
Maximum Deviation (ppm)	3.5030

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5745.0000
0	5744.9999
10	5745.0102
20	5745.0000
30	5744.9948
35	5745.0000
Maximum Deviation (MHz)	0.0101
Maximum Deviation (ppm)	1.7668

End of Test Report