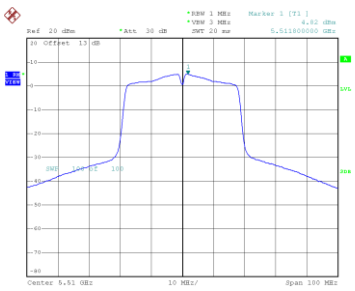
Test Mode	UNII-2C_TX AC(VHT40) Mode_Ant. 1

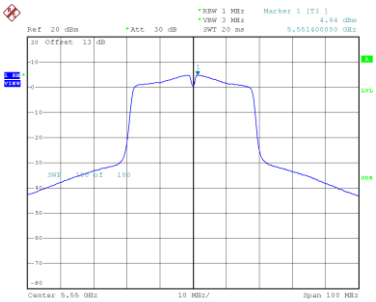
Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	4.82	0.51	5.33	8.93	Complies
110	5550	4.84	0.51	5.35	8.93	Complies
134	5670	4.82	0.51	5.33	8.93	Complies
142	5710	4.29	0.51	4.80	8.93	Complies

CH102



Date: 14.NOV.2022 10:24:32

CH110



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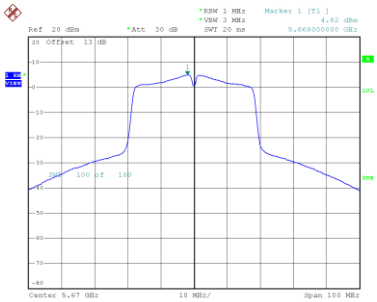
CH134



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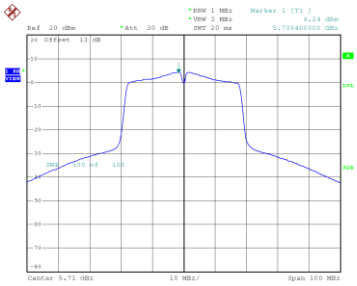
CH102

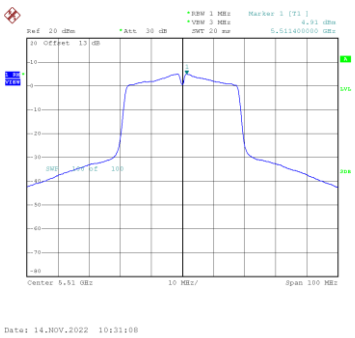


Date: 14.NOV.2022 19:57:29

Test Mode	UNII-2C_TX AC(VHT40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	4.91	0.51	5.42	8.93	Complies
110	5550	4.91	0.51	5.42	8.93	Complies
134	5670	4.69	0.51	5.20	8.93	Complies
142	5710	4.24	0.51	4.75	8.93	Complies

CH102



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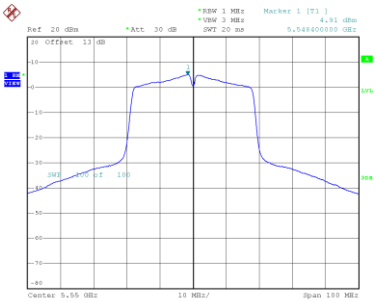
CH110



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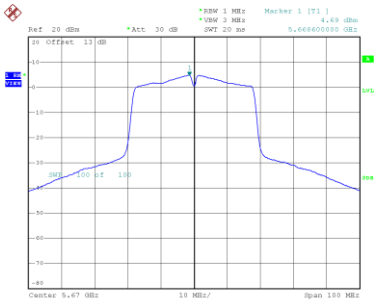
CH134



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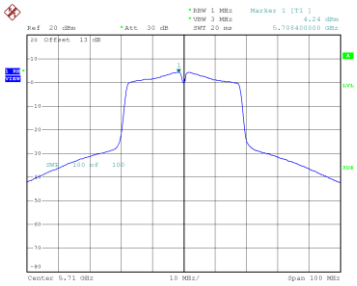
CH142



Date: 14.NOV.2022 19:57:29

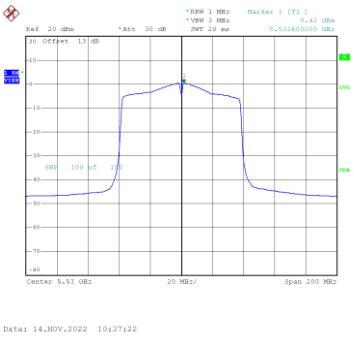
Test Mode	UNII-2C_TX AC(VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	8.39	8.93	Complies
110	5550	8.40	8.93	Complies
134	5670	8.28	8.93	Complies
142	5710	7.79	8.93	Complies

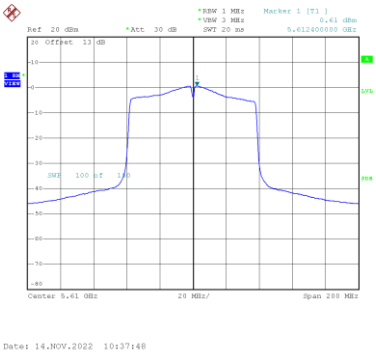
Test Mode	UNII-2C_TX AC(VHT80) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	0.42	0.37	0.79	8.93	Complies
122	5610	0.61	0.37	0.98	8.93	Complies
138	5690	0.74	0.37	1.11	8.93	Complies

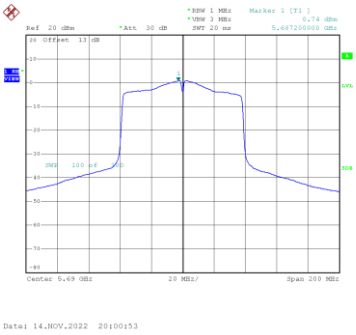
CH106



CH122



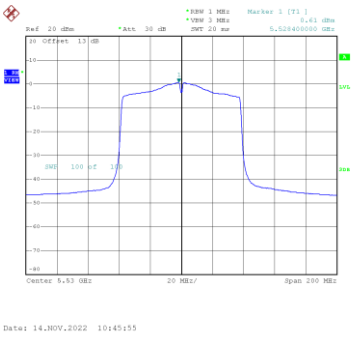
CH138



Test Mode	UNII-2C_TX AC(VHT80) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	0.61	0.37	0.98	8.93	Complies
122	5610	0.79	0.37	1.16	8.93	Complies
138	5690	0.97	0.37	1.34	8.93	Complies

CH106



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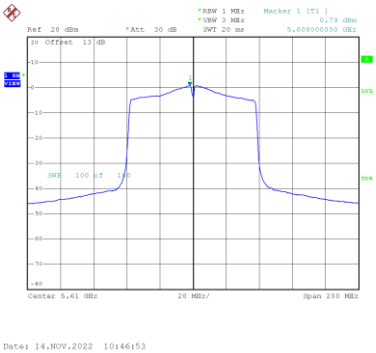

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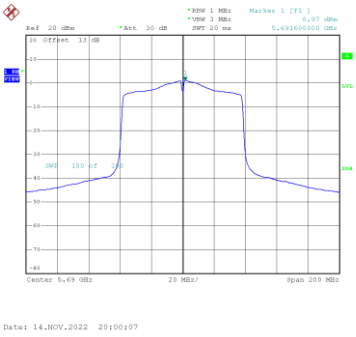


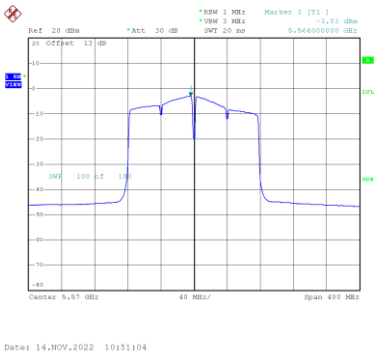
Test Mode	UNII-2C_TX AC(VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	3.89	8.93	Complies
122	5610	4.08	8.93	Complies
138	5690	4.24	8.93	Complies

Test Mode	UNII-2C_TX AC(VHT160) 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
114	5570	-3.03	0.44	-2.59	8.93	Complies

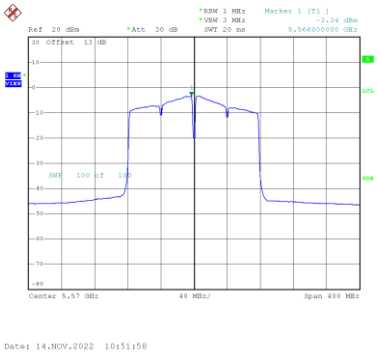
CH114



Test Mode	UNII-2C_TX AC(VHT160) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
114	5570	-3.34	0.44	-2.90	8.93	Complies

CH114



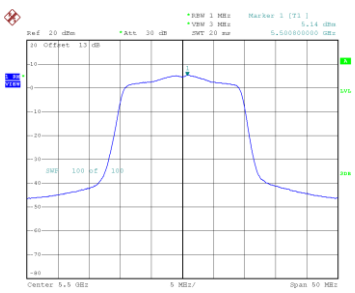
Test Mode	UNII-2C_TX AC(VHT160) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
114	5570	0.27	8.93	Complies

Test Mode	UNII-2C_TX AX(HE20) 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	5.14	0.38	5.52	8.93	Complies
116	5580	4.78	0.38	5.16	8.93	Complies
140	5700	5.26	0.38	5.64	8.93	Complies
144	5720	5.00	0.38	5.38	8.93	Complies

CH100



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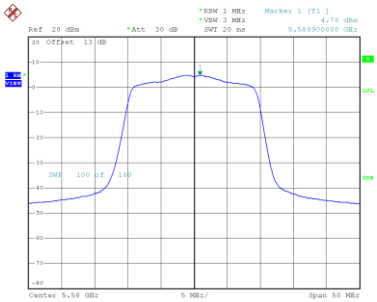
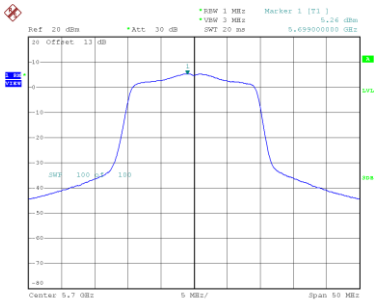
CH116



Date: 14.NOV.2022 11:06:04

CH140



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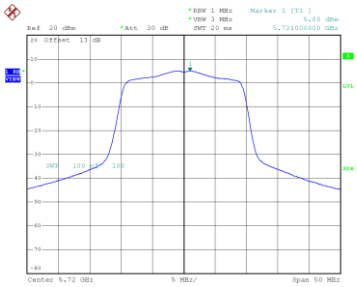
CH144



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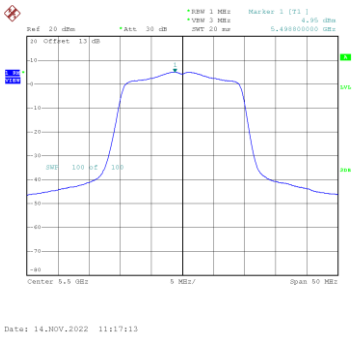
Test Mode	UNII-2C_TX AX(HE20) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	4.95	0.38	5.33	8.93	Complies
116	5580	4.80	0.38	5.18	8.93	Complies
144	5720	5.00	0.38	5.38	8.93	Complies

CH100



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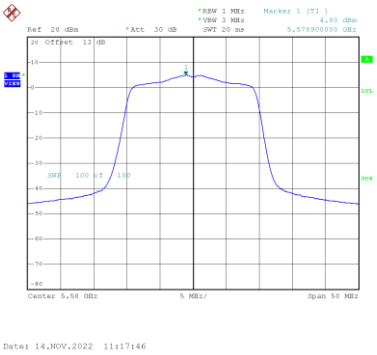

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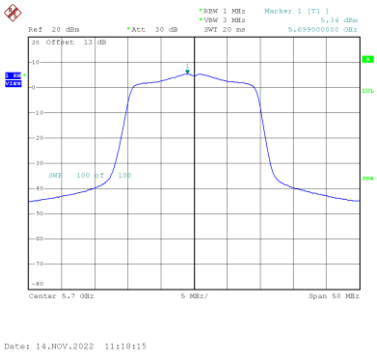

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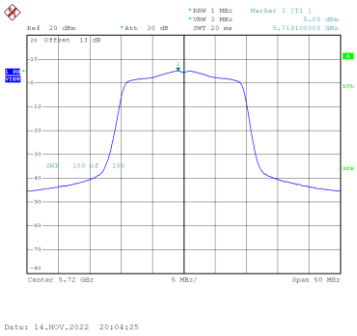


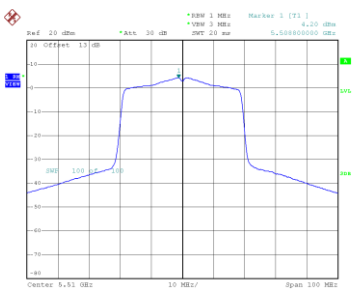
Test Mode	UNII-2C_TX AX(HE20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	8.44	8.93	Complies
116	5580	8.18	8.93	Complies
140	5700	8.69	8.93	Complies
144	5720	8.38	8.93	Complies

Test Mode	UNII-2C_TX AX(HE40) 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	4.20	0.35	4.55	8.93	Complies
110	5550	4.09	0.35	4.44	8.93	Complies
134	5670	4.06	0.35	4.41	8.93	Complies
142	5710	4.25	0.35	4.60	8.93	Complies

CH102



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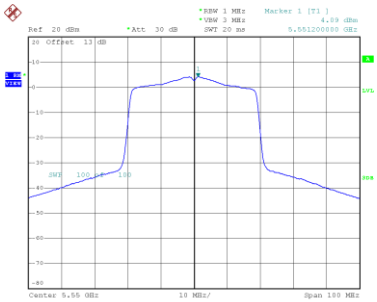
CH110



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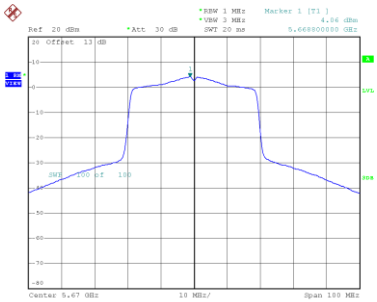
CH134



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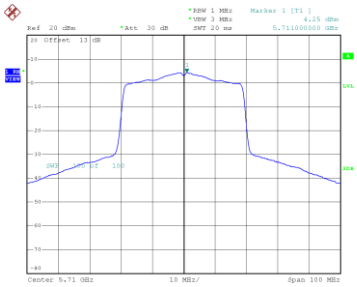
CH142

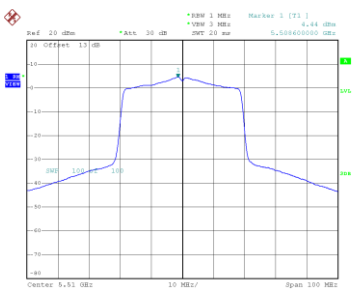


Date: 14.NOV.2022 20:05:34

Test Mode	UNII-2C_TX AX(HE40) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	4.44	0.35	4.79	8.93	Complies
110	5550	4.26	0.35	4.61	8.93	Complies
134	5670	4.24	0.35	4.59	8.93	Complies
142	5710	4.27	0.35	4.62	8.93	Complies

CH102



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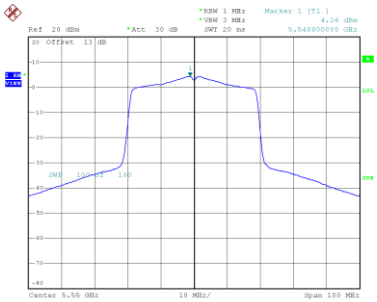
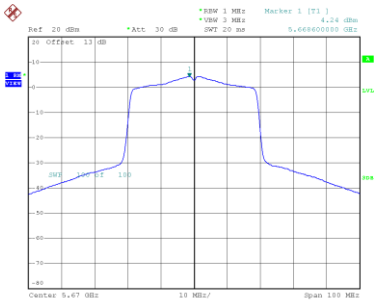
CH110



Date: 14.NOV.2022 11:41:05

CH134



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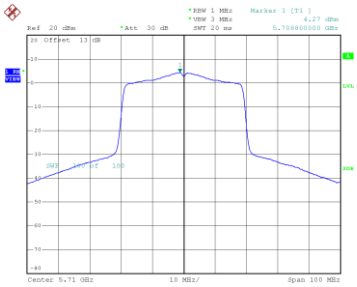
CH142



Date: 14.NOV.2022 20:05:56

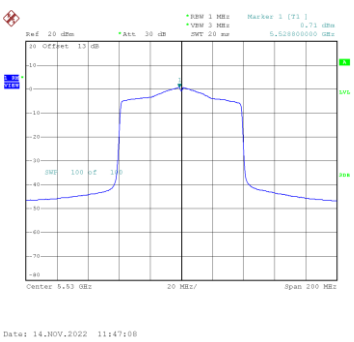
Test Mode	UNII-2C_TX AX(HE40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
102	5510	7.68	8.93	Complies
110	5550	7.54	8.93	Complies
134	5670	7.51	8.93	Complies
142	5710	7.62	8.93	Complies

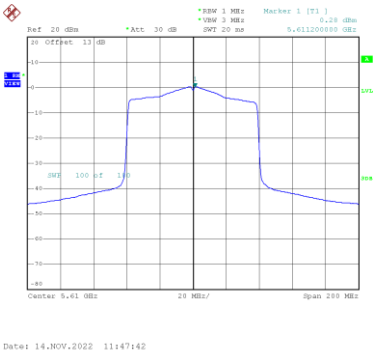
Test Mode	UNII-2C_TX AX(HE80) Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	0.71	0.37	1.08	8.93	Complies
122	5610	0.28	0.37	0.65	8.93	Complies
138	5690	0.53	0.37	0.90	8.93	Complies

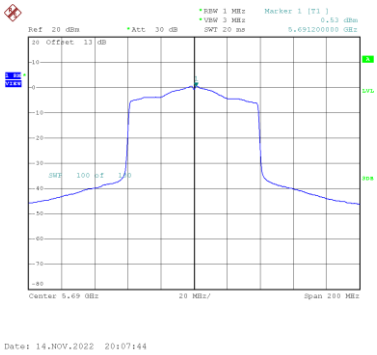
CH106



CH122



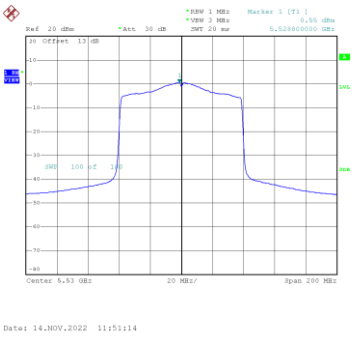
CH138



Test Mode	UNII-2C_TX AX(HE80) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	0.55	0.37	0.92	8.93	Complies
122	5610	0.43	0.37	0.80	8.93	Complies
138	5690	0.67	0.37	1.01	8.93	Complies

CH106



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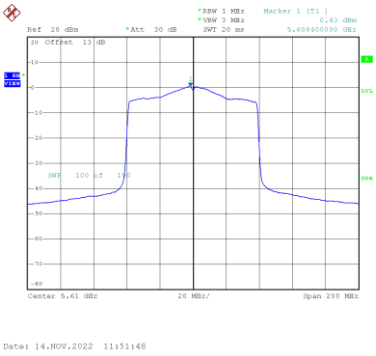
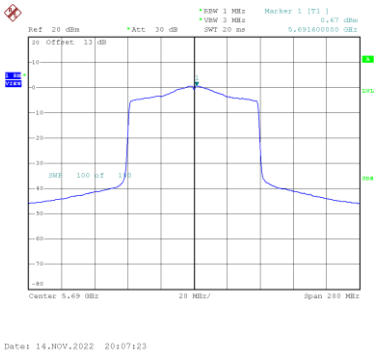


CH138



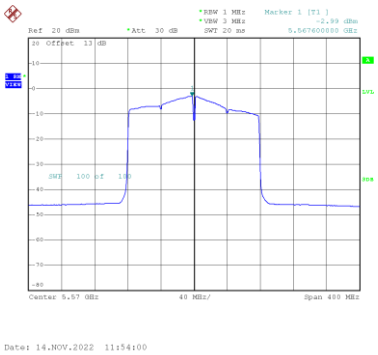
Test Mode	UNII-2C_TX AX(HE80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
106	5530	4.01	8.93	Complies
122	5610	3.97	8.93	Complies

Test Mode	UNII-2C_TX AX(HE160) 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
114	5570	-2.99	0.44	-2.55	8.93	Complies

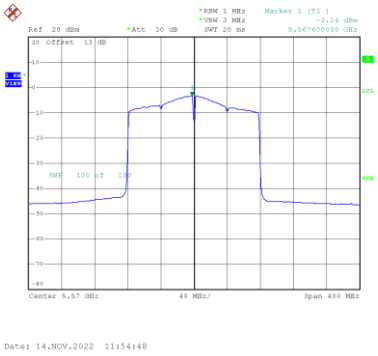
CH114



Test Mode	UNII-2C_TX AX(HE160) Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
114	5570	-3.24	0.44	-2.80	8.93	Complies

CH114



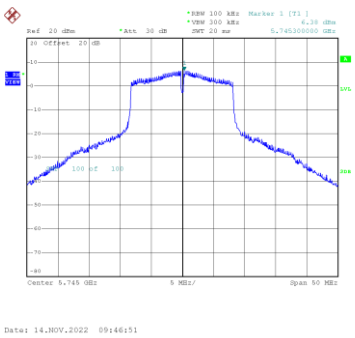
Test Mode	UNII-2C_TX AX(HE160) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
114	5570	0.33	8.93	Complies

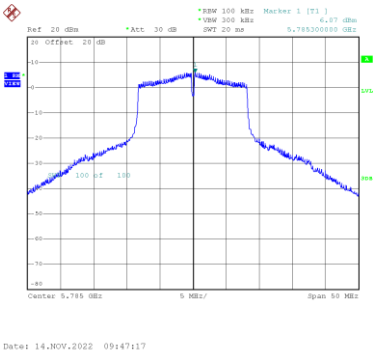
Test Mode	UNII-3_TX A Mode_Ant. 1

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	6.38	0.32	6.70	27.93	Complies
157	5785	6.07	0.32	6.39	27.93	Complies
165	5825	6.25	0.32	6.57	27.93	Complies

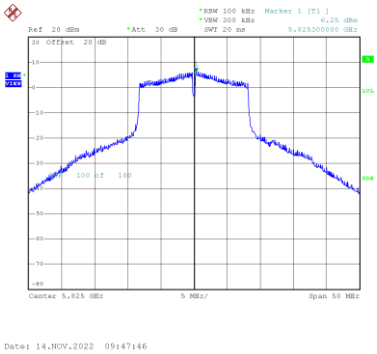
CH149



CH157



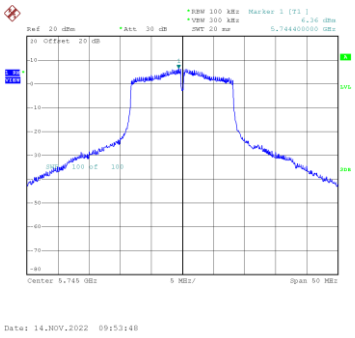
CH165



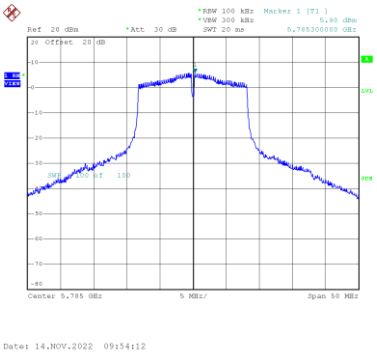
Test Mode	UNII-3_TX A Mode_Ant. 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	6.36	0.32	6.68	27.93	Complies
157	5785	5.90	0.32	6.22	27.93	Complies
165	5825	5.50	0.32	5.82	27.93	Complies

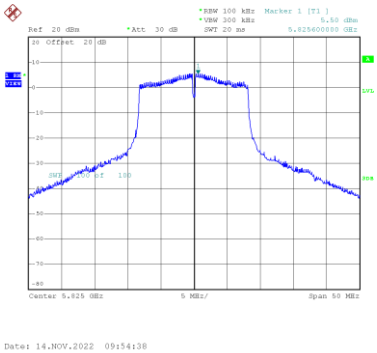
CH149



CH157



CH165



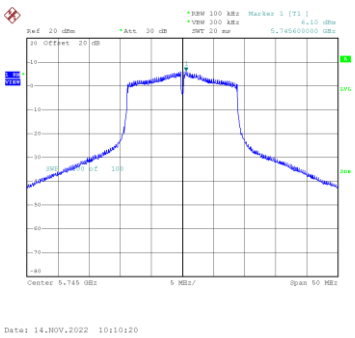
Test Mode	UNII-3_TX A Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	9.70	27.93	Complies
157	5785	9.32	27.93	Complies
165	5825	9.22	27.93	Complies

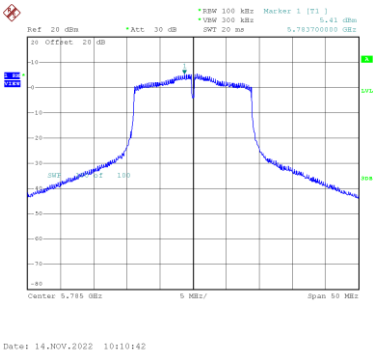
Test Mode	UNII-3_TX AC(VHT20) Mode_Ant. 1

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	6.10	0.37	6.47	27.93	Complies
157	5785	5.41	0.37	5.78	27.93	Complies
165	5825	5.36	0.37	5.73	27.93	Complies

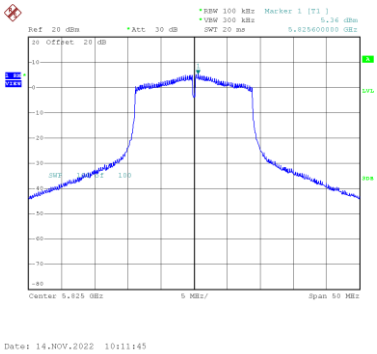
CH149



CH157



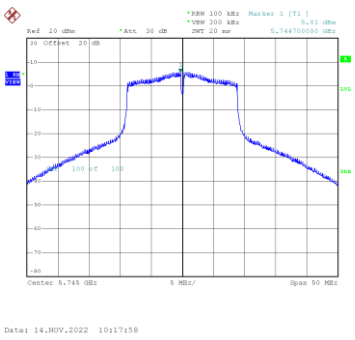
CH165



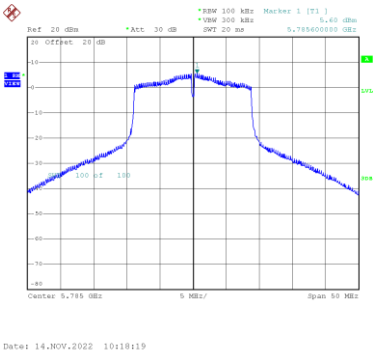
Test Mode	UNII-3_TX AC(VHT20) Mode_Ant. 2

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	5.81	0.37	6.18	27.93	Complies
157	5785	5.60	0.37	5.97	27.93	Complies
165	5825	5.90	0.37	6.27	27.93	Complies

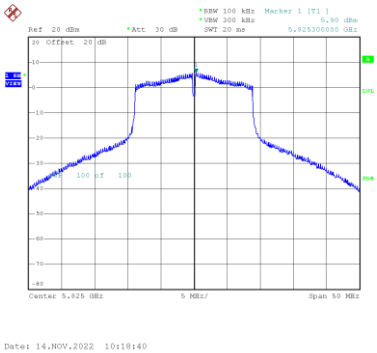
CH149



CH157



CH165



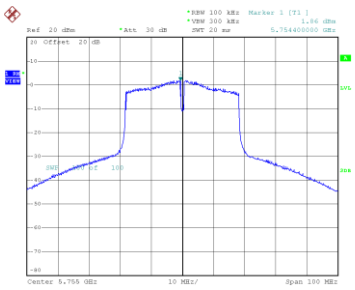
Test Mode	UNII-3_TX AC(VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	9.34	27.93	Complies
157	5785	8.89	27.93	Complies
165	5825	9.02	27.93	Complies

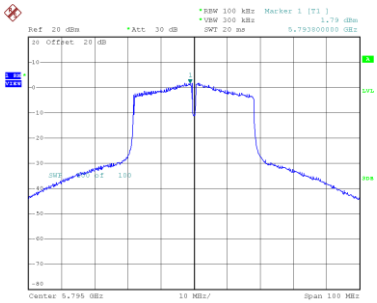
Test Mode	UNII-3_TX AC(VHT40) Mode_Ant. 1

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	1.86	0.51	2.37	27.93	Complies
159	5795	1.79	0.51	2.30	27.93	Complies

CH151



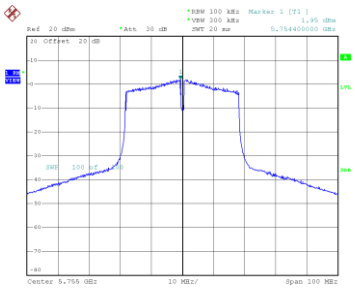
CH159



Test Mode	UNII-3_TX AC(VHT40) Mode_Ant. 2

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	1.95	0.51	2.46	27.93	Complies
159	5795	1.54	0.51	2.05	27.93	Complies

CH151



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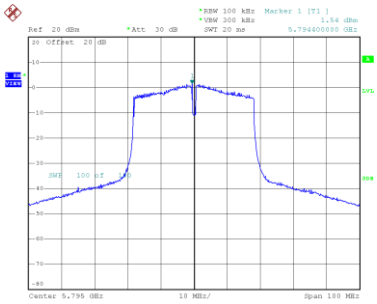


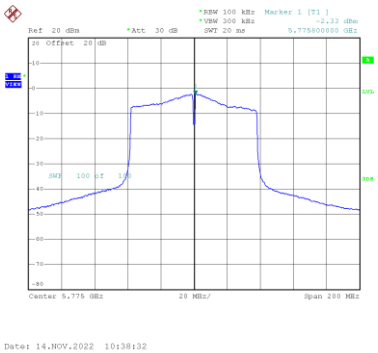
Test Mode	UNII-3_TX AC(VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	5.43	27.93	Complies
159	5795	5.19	27.93	Complies

Test Mode	UNII-3_TX AC(VHT80) 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
155	5775	-2.33	0.37	-1.96	27.93	Complies

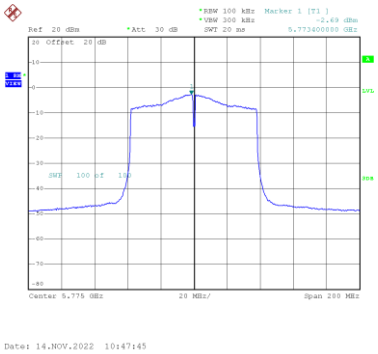
CH155



Test Mode	UNII-3_TX AC(VHT80) Mode_Ant. 2

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	-2.69	0.37	-2.32	27.93	Complies

CH155



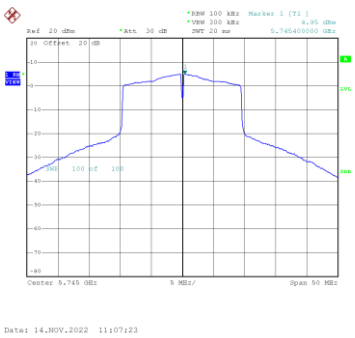
Test Mode	UNII-3_TX AC(VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	0.87	27.93	Complies

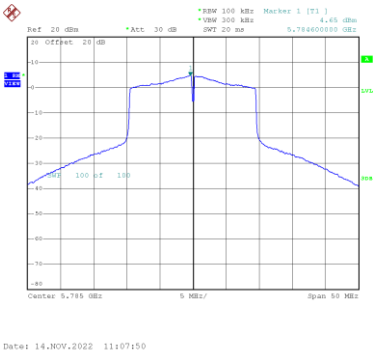
Test Mode	UNII-3_TX AX(HE20) Mode_Ant. 1

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	4.95	0.38	5.33	27.93	Complies
157	5785	4.65	0.38	5.03	27.93	Complies
165	5825	4.86	0.38	5.24	27.93	Complies

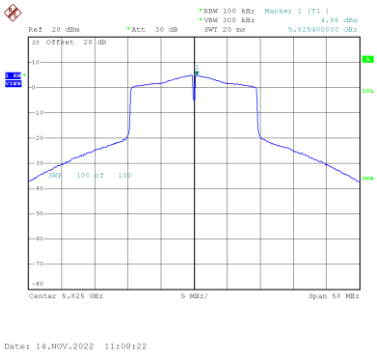
CH149



CH157



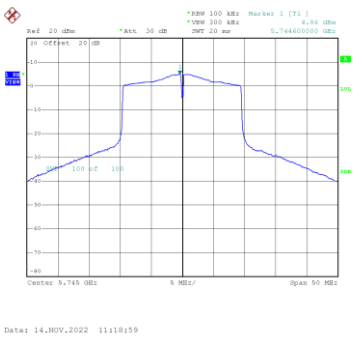
CH165



Test Mode	UNII-3_TX AX(HE20) Mode_Ant. 2

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	4.86	0.38	5.24	27.93	Complies
157	5785	4.35	0.38	4.73	27.93	Complies
165	5825	4.26	0.38	4.64	27.93	Complies

CH149



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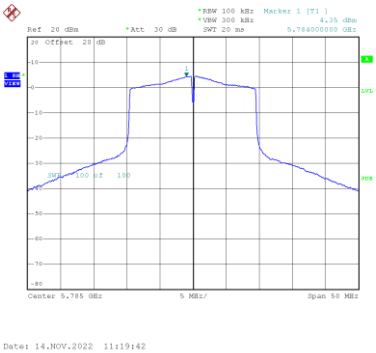

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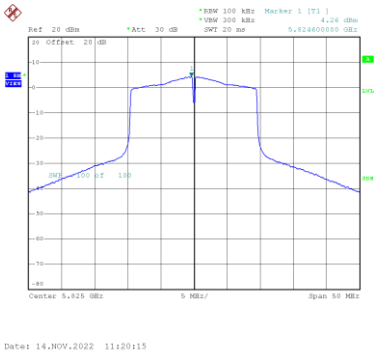


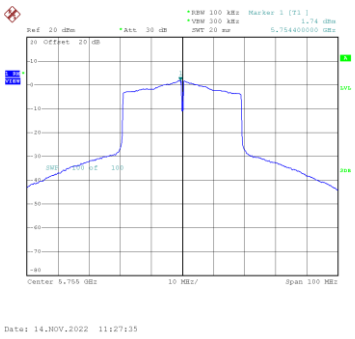
Test Mode	UNII-3_TX AX(HE20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	8.29	27.93	Complies
157	5785	7.89	27.93	Complies
165	5825	7.96	27.93	Complies

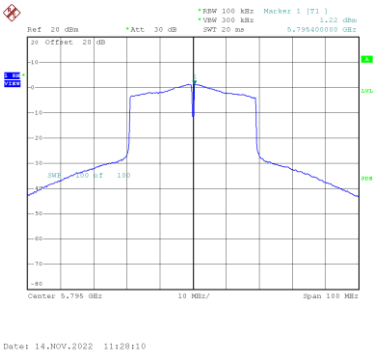
Test Mode	UNII-3_TX AX(HE40) Mode_Ant. 1

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	1.74	0.35	2.09	27.93	Complies
159	5795	1.22	0.35	1.57	27.93	Complies

CH151



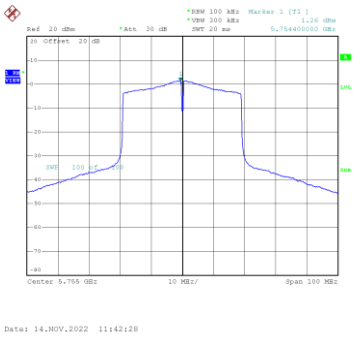
CH159



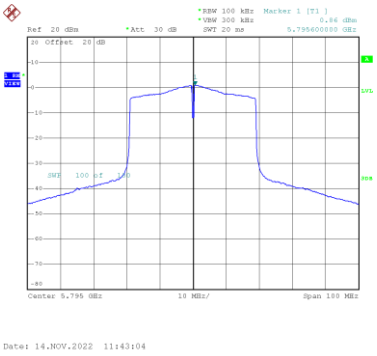
Test Mode	UNII-3_TX AX(HE40) Mode_Ant. 2

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	1.26	0.35	1.61	27.93	Complies
159	5795	0.86	0.35	1.21	27.93	Complies

CH151



CH159



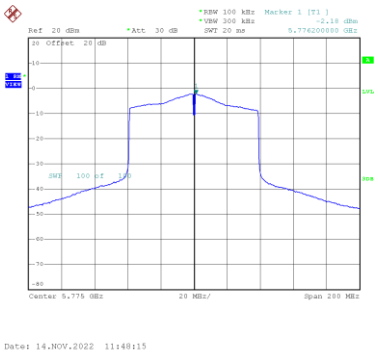
Test Mode	UNII-3_TX AX(HE40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	4.87	27.93	Complies
159	5795	4.41	27.93	Complies

Test Mode	UNII-3_TX AX(HE80) 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
155	5775	-2.18	0.37	-1.81	27.93	Complies

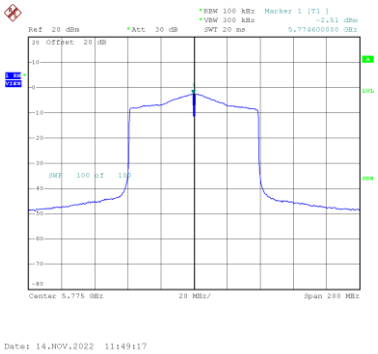
CH155



Test Mode	UNII-3_TX AX(HE80) Mode_Ant. 2

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	-2.51	0.37	-2.14	27.93	Complies

CH155



Test Mode	UNII-3_TX AX(HE80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	1.03	27.93	Complies

APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5180.0000
55.2	5179.9800
48	5179.9750
40.8	5179.9750
Maximum Deviation (MHz)	0.0250
Maximum Deviation (ppm)	4.8238

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5180.0000
0	5179.9599
10	5179.9750
20	5179.9550
30	5179.9800
40	5179.9750
Maximum Deviation (MHz)	0.0450
Maximum Deviation (ppm)	8.6873

Test Mode	UNII-2A

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5260.0000
55.2	5259.9750
48	5259.9599
40.8	5259.9600
Maximum Deviation (MHz)	0.0401
Maximum Deviation (ppm)	7.6260

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5260.0000
0	5259.9750
10	5259.9750
20	5259.9599
30	5259.9750
40	5259.9750
Maximum Deviation (MHz)	0.0401
Maximum Deviation (ppm)	7.6260

Test Mode	UNII-2C

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5500.0000
55.2	5499.9800
48	5499.9750
40.8	5499.9599
Maximum Deviation (MHz)	0.0401
Maximum Deviation (ppm)	7.2932

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5500.0000
0	5499.9750
10	5499.9750
20	5499.9800
30	5499.9750
40	5499.9750
Maximum Deviation (MHz)	0.0250
Maximum Deviation (ppm)	4.5432

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5745.0000
55.2	5744.9599
48	5744.9750
40.8	5744.9750
Maximum Deviation (MHz)	0.0401
Maximum Deviation (ppm)	6.9822

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5745.0000
0	5744.9750
10	5744.9800
20	5744.9599
30	5744.9750
40	5744.9750
Maximum Deviation (MHz)	0.0401
Maximum Deviation (ppm)	6.9822

End of Test Report