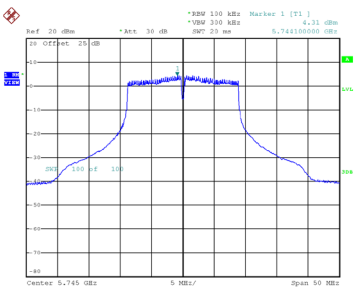
Test Mode	UNII-3_TX AC(VHT20) Mode_Ant. 1

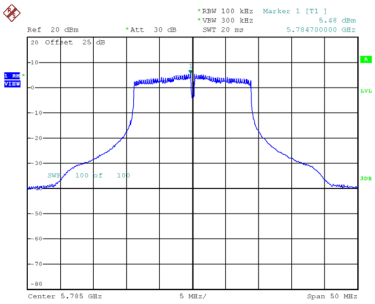
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	4.31	0.42	4.73	29.34	Complies
157	5785	5.48	0.42	5.90	29.34	Complies
165	5825	5.28	0.42	5.70	29.34	Complies

CH149



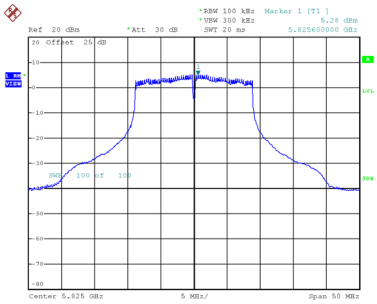
Date: 31.JAN.2024 16:28:31

CH157



Date: 31.JAN.2024 16:29:56

CH165

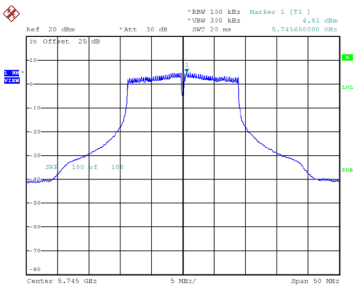


Date: 31.JAN.2024 16:31:11

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

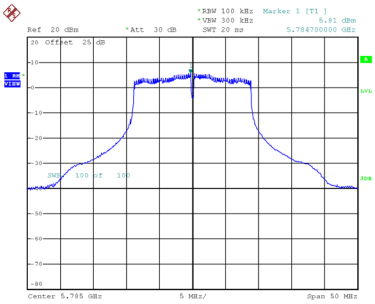
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	4.81	0.42	5.23	29.34	Complies
157	5785	5.81	0.42	6.23	29.34	Complies
165	5825	5.80	0.42	6.22	29.34	Complies

CH149



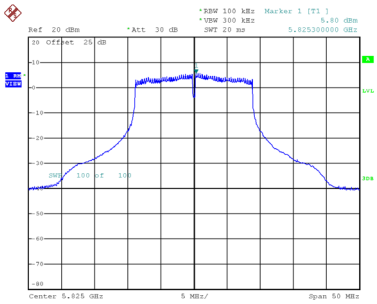
Date: 1.FEB.2024 09:22:34

CH157



Date: 1.FEB.2024 09:23:08

CH165



Date: 1.FEB.2024 09:23:37

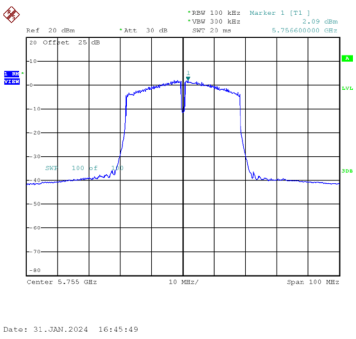
Test Mode	UNII-3_TX AC(VHT20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	7.99	29.34	Complies
157	5785	9.07	29.34	Complies
165	5825	8.97	29.34	Complies

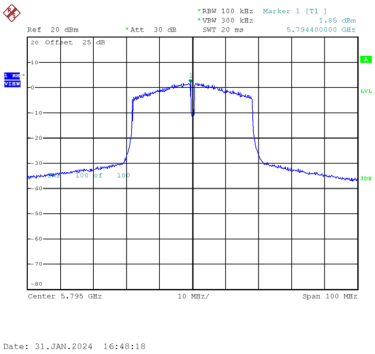
Test Mode	UNII-3_TX AC(VHT40) Mode_Ant. 1

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	2.09	0.55	2.64	29.34	Complies
159	5795	1.85	0.55	2.40	29.34	Complies

CH151



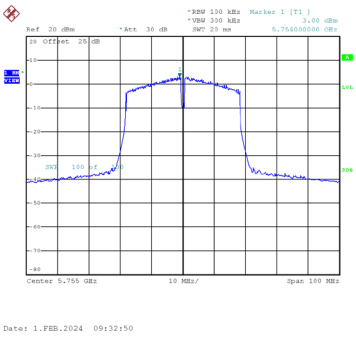
CH159



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	3.00	0.55	3.55	29.34	Complies
159	5795	3.09	0.55	3.64	29.34	Complies

CH151



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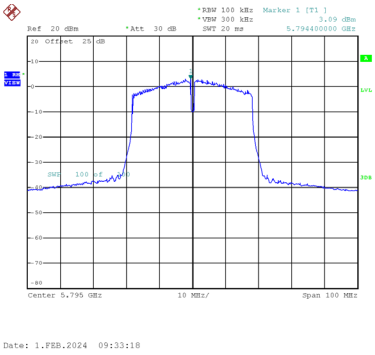


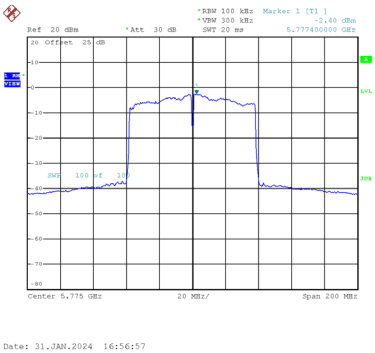
Test Mode	UNII-3_TX AC(VHT40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	6.13	29.34	Complies
159	5795	6.07	29.34	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	-2.40	1.23	-1.17	29.34	Complies

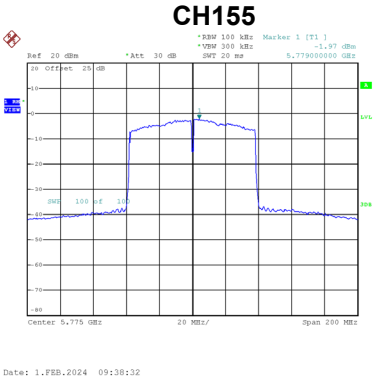
CH155



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	-1.97	1.23	-0.74	29.34	Complies

CH155



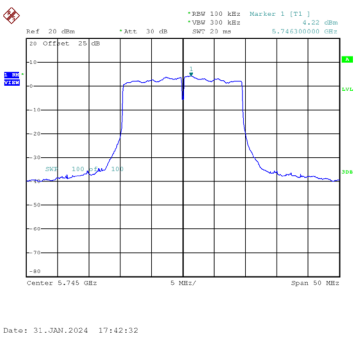
Test Mode	UNII-3_TX AC(VHT80) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
155	5775	2.06	29.34	Complies

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

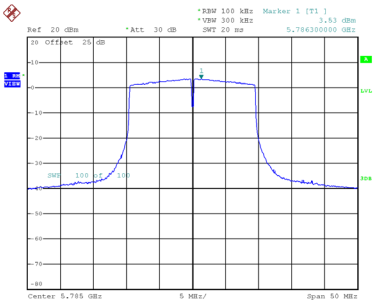
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	4.22	0.65	4.87	29.34	Complies
157	5785	3.53	0.65	4.18	29.34	Complies
165	5825	3.44	0.65	4.09	29.34	Complies

CH149



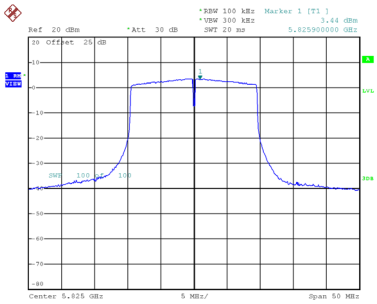
Date: 31.JAN.2024 17:42:32

CH157



Date: 31.JAN.2024 17:44:32

CH165

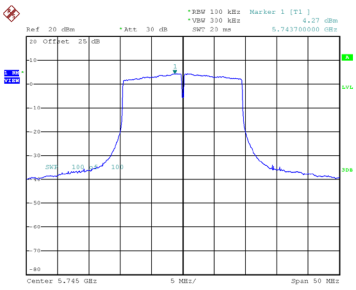


Date: 31.JAN.2024 17:45:34

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

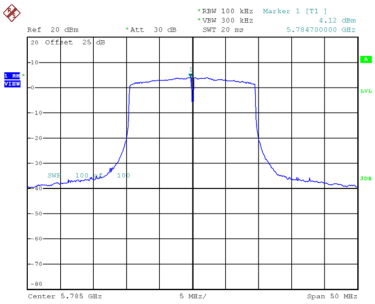
Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor	Power Spectral Density + Duty Factor (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	4.27	0.65	4.92	29.34	Complies
157	5785	4.12	0.65	4.77	29.34	Complies
165	5825	4.14	0.65	4.79	29.34	Complies

CH149



Date: 1.FEB.2024 09:45:56

CH157



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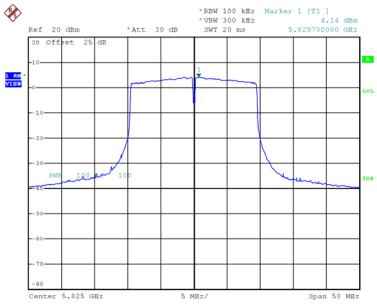
CH165



Date: 1.FEB.2024 09:47:01

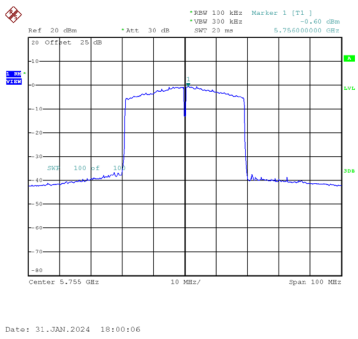
Test Mode	UNII-3_TX AX(HE20) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	7.90	29.34	Complies
157	5785	7.49	29.34	Complies
165	5825	7.46	29.34	Complies

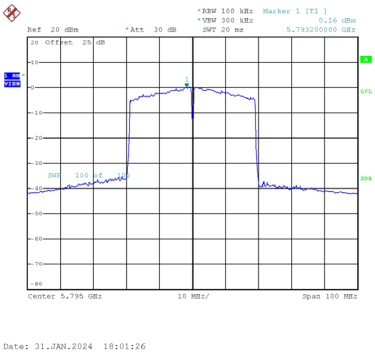
Test Mode	UNII-3_TX AX(HE40) Mode_Ant. 1

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	-0.60	0.84	0.24	29.34	Complies
159	5795	0.16	0.84	1.00	29.34	Complies

CH151



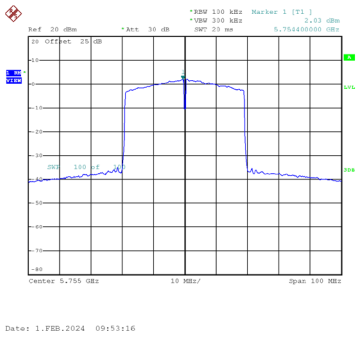
CH159



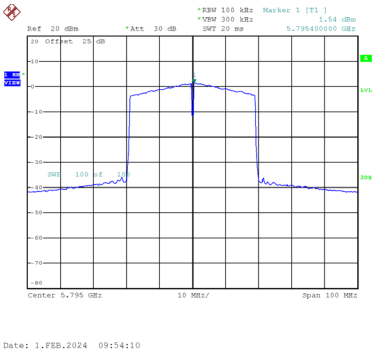
Test Mode	UNII-3_TX AX(HE40) Mode_Ant. 2

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	2.03	0.84	2.87	29.34	Complies
159	5795	1.54	0.84	2.38	29.34	Complies

CH151



CH159



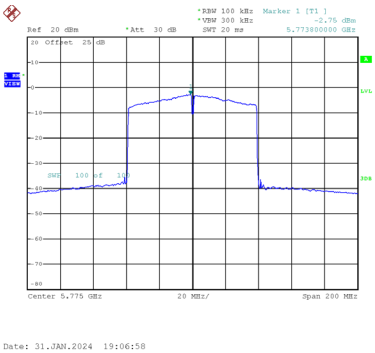
Test Mode	UNII-3_TX AX(HE40) Mode_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/500 kHz)	Max. Limit (dBm/500 kHz)	Result
151	5755	4.76	29.34	Complies
159	5795	4.75	29.34	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	-2.75	1.42	-1.33	29.34	Complies

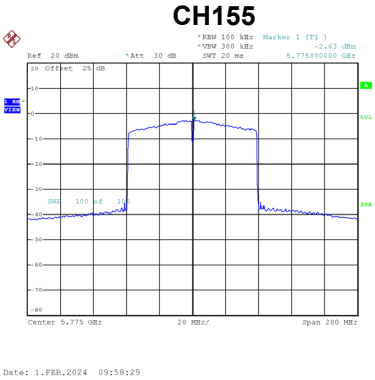
CH155



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	-2.63	1.42	-1.21	29.34	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	1.74	29.34	Complies

APPENDIX H - FREQUENCY STABILITY

Test Mode	UNII-1

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5180.0000
5.75	5179.9599
5	5179.9600
4.25	5179.9599
Maximum Deviation (MHz)	0.0401
Maximum Deviation (ppm)	7.7437

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5180.0000
-10	5179.9600
0	5179.9750
10	5179.9600
20	5179.9599
30	5179.9750
40	5179.9750
50	5179.9750
55	5179.9750
Maximum Deviation (MHz)	0.0401
Maximum Deviation (ppm)	7.7437

Test Mode	UNII-2A

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5260.0000
5.75	5259.9750
5	5259.9750
4.25	5260.0000
Maximum Deviation (MHz)	0.0250
Maximum Deviation (ppm)	4.7505

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5260.0000
-10	5259.9799
0	5259.9799
10	5259.9950
20	5259.9950
30	5260.0000
40	5259.9950
50	5259.9800
55	5259.9599
Maximum Deviation (MHz)	0.0401
Maximum Deviation (ppm)	7.6283

Test Mode	UNII-2C

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5500.0000
5.75	5499.9800
5	5499.9550
4.25	5499.9600
Maximum Deviation (MHz)	0.0450
Maximum Deviation (ppm)	8.1795

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5500.0000
-10	5499.9599
0	5499.9600
10	5499.9600
20	5499.9550
30	5499.9600
40	5499.9750
50	5499.9702
55	5499.9750
Maximum Deviation (MHz)	0.0450
Maximum Deviation (ppm)	8.1795

Test Mode	UNII-3

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)
Center Frequency	5745.0000
5.75	5744.9600
5	5744.9750
4.25	5744.9600
Maximum Deviation (MHz)	0.0400
Maximum Deviation (ppm)	6.9669

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)
Center Frequency	5745.0000
-10	5744.9599
0	5744.9599
10	5744.9750
20	5744.9550
30	5744.9600
40	5744.9548
50	5744.9599
55	5744.9550
Maximum Deviation (MHz)	0.0452
Maximum Deviation (ppm)	7.8677

End of Test Report