

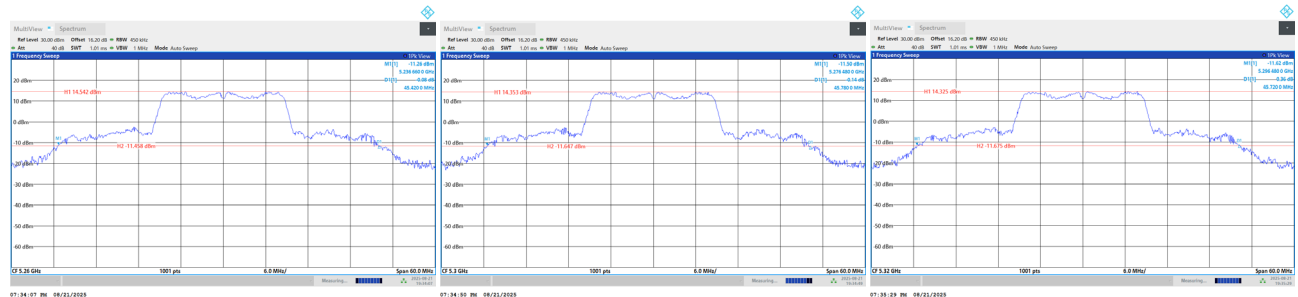
Test Mode	UNII-2A_TX N(HT20) Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
52	5260	45.420	26.443
60	5300	45.780	27.285
64	5320	45.720	27.391

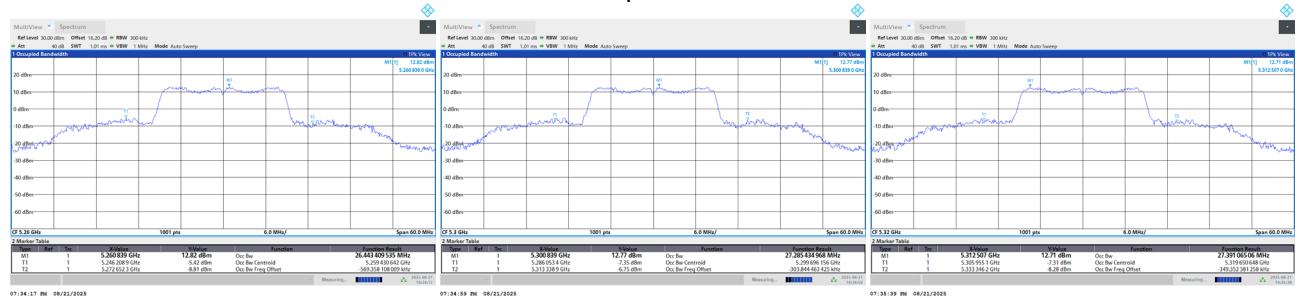
CH52

CH60
26 dB Bandwidth

CH64



99 % Occupied Bandwidth



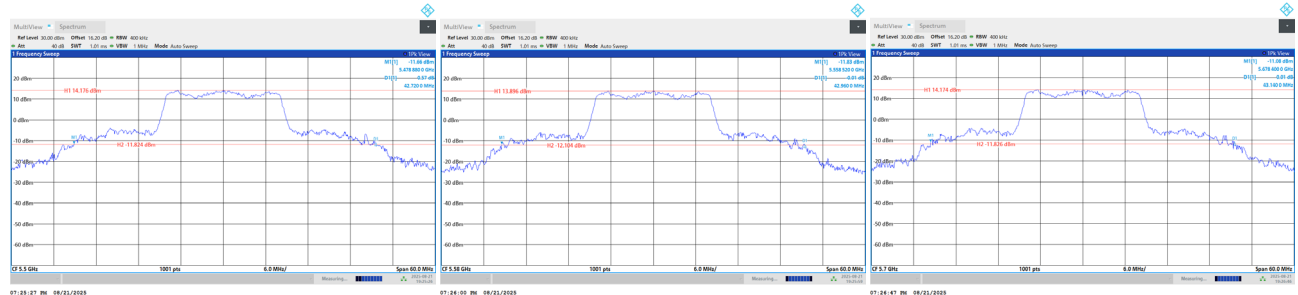
Test Mode	UNII-2C_TX A Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
100	5500	42.720	25.874
116	5580	42.960	20.536
140	5700	43.140	25.160

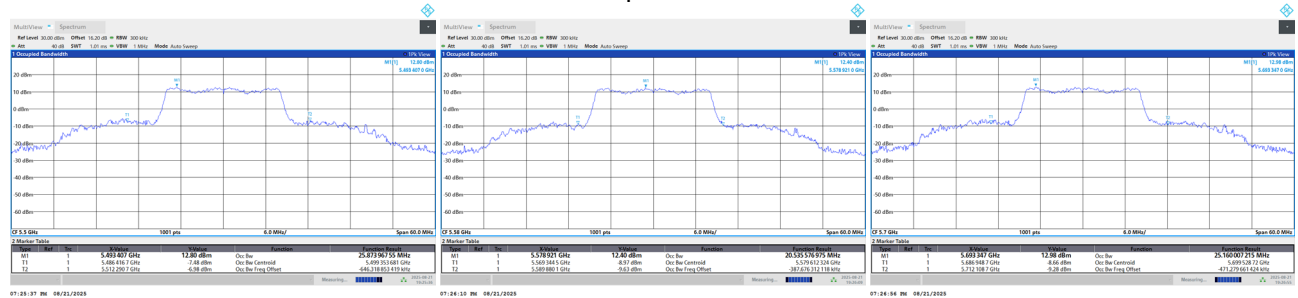
CH100

CH116
26 dB Bandwidth

CH140



99 % Occupied Bandwidth



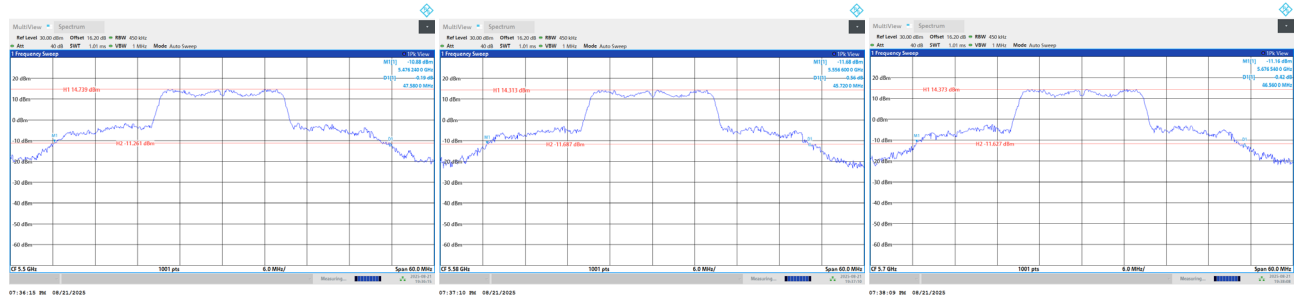
Test Mode	UNII-2C_TX N(HT20) Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
100	5500	47.580	33.652
116	5580	45.720	27.887
140	5700	46.560	28.433

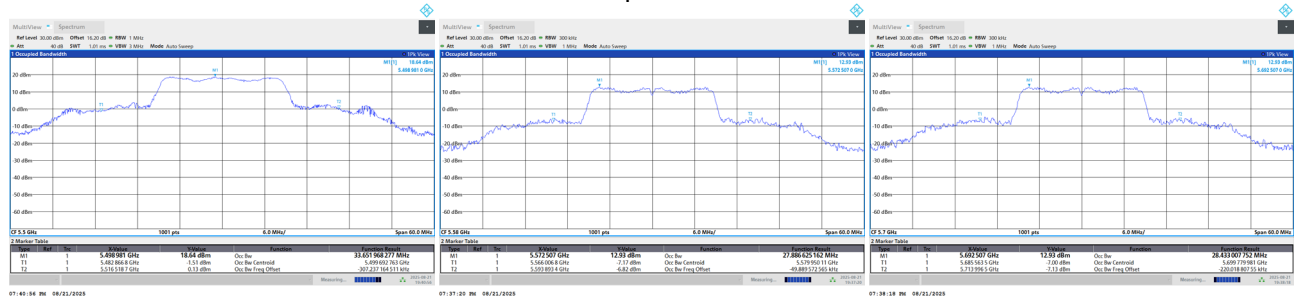
CH100

CH116
26 dB Bandwidth

CH140



99 % Occupied Bandwidth



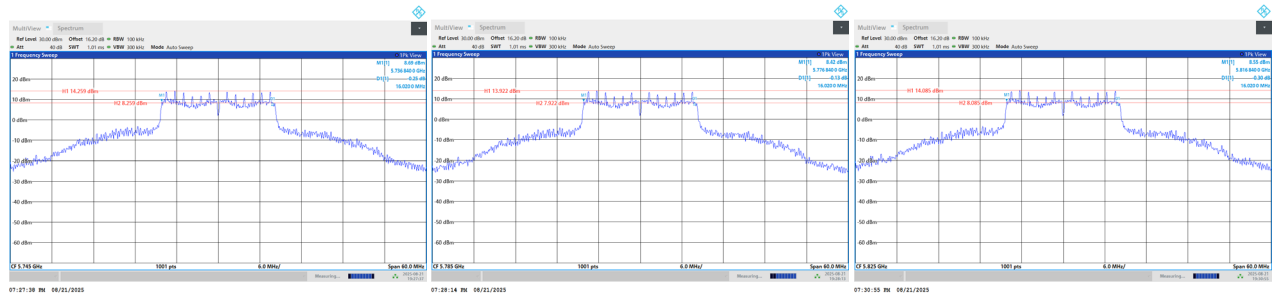
Test Mode	UNII-3_TX A Mode
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
149	5745	16.020	36.199	0.5	Pass
157	5785	16.020	35.304	0.5	Pass
165	5825	16.020	36.967	0.5	Pass

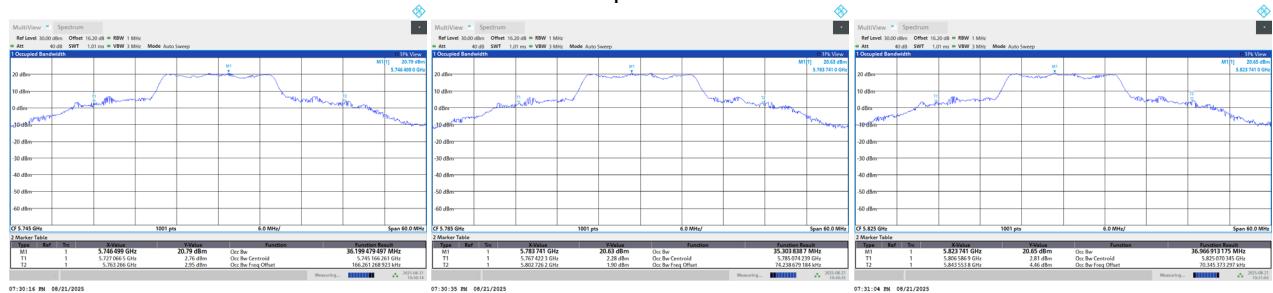
CH149

CH157
6 dB Bandwidth

CH165



99 % Occupied Bandwidth



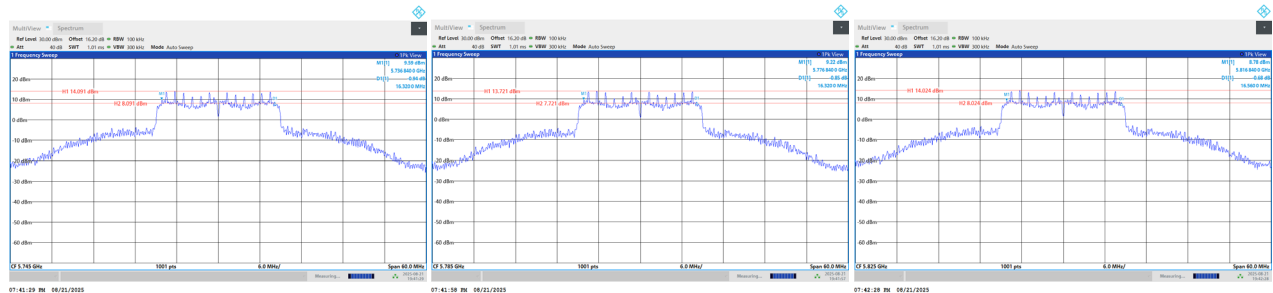
Test Mode	UNII-3_TX N(HT20) Mode
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
149	5745	16.320	37.989	0.5	Pass
157	5785	16.320	37.227	0.5	Pass
165	5825	16.560	38.853	0.5	Pass

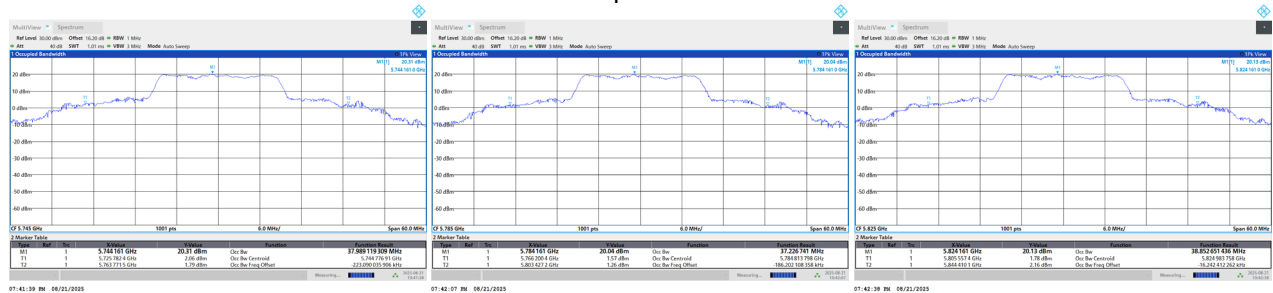
CH149

CH157
6 dB Bandwidth

CH165



99 % Occupied Bandwidth



APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	UNII-1_TX A Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dB)	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	18.97	0.11	19.08	30.00	1.0000	Pass
40	5200	20.54	0.11	20.65	30.00	1.0000	Pass
48	5240	20.69	0.11	20.80	30.00	1.0000	Pass

Test Mode	UNII-1_TX N(HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dB)	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
36	5180	19.07	0.12	19.19	30.00	1.0000	Pass
40	5200	21.21	0.12	21.33	30.00	1.0000	Pass
48	5240	20.92	0.12	21.04	30.00	1.0000	Pass

Test Mode	UNII-2A_TX A Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dB)	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	20.88	0.11	20.99	23.98	0.2500	Pass
60	5300	20.82	0.11	20.93	23.98	0.2500	Pass
64	5320	16.99	0.11	17.10	23.98	0.2500	Pass

Test Mode	UNII-2A_TX N(HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dB)	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
52	5260	21.24	0.12	21.36	23.98	0.2500	Pass
60	5300	21.14	0.12	21.26	23.98	0.2500	Pass
64	5320	17.13	0.12	17.25	23.98	0.2500	Pass

Test Mode	UNII-2C_TX A Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dB)	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	17.97	0.11	18.08	23.98	0.2500	Pass
116	5580	20.62	0.11	20.73	23.98	0.2500	Pass
140	5700	16.88	0.11	16.99	23.98	0.2500	Pass

Test Mode	UNII-2C_TX N(HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dB)	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
100	5500	16.85	0.12	16.97	23.98	0.2500	Pass
116	5580	21.24	0.12	21.36	23.98	0.2500	Pass
140	5700	15.77	0.12	15.89	23.98	0.2500	Pass

Test Mode	UNII-3_TX A Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dB)	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	20.33	0.11	20.44	30.00	1.0000	Pass
157	5785	20.25	0.11	20.36	30.00	1.0000	Pass
165	5825	20.72	0.11	20.83	30.00	1.0000	Pass

Test Mode	UNII-3_TX N(HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dB)	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
149	5745	20.32	0.12	20.44	30.00	1.0000	Pass
157	5785	20.27	0.12	20.39	30.00	1.0000	Pass
165	5825	20.66	0.12	20.78	30.00	1.0000	Pass

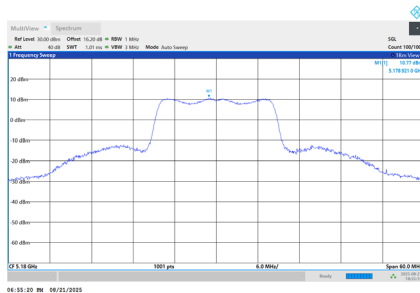
Note: Output power = Measure result + Cable loss

APPENDIX G - POWER SPECTRAL DENSITY

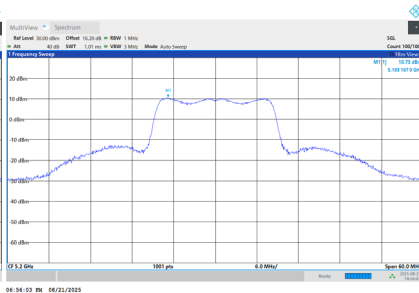
Test Mode	UNII-1_TX A Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	10.77	0.11	10.88	17.00	Pass
40	5200	10.73	0.11	10.84	17.00	Pass
48	5240	10.52	0.11	10.63	17.00	Pass

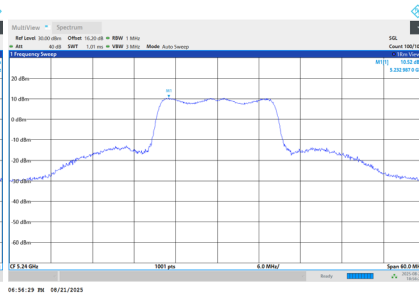
CH36



CH40



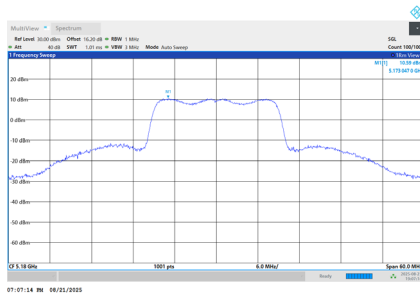
CH48



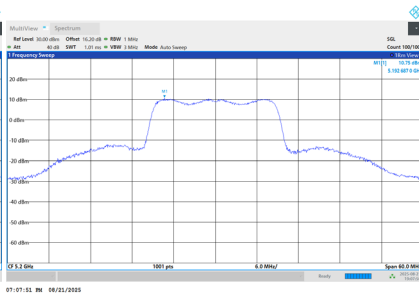
Test Mode	UNII-1_TX N(HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
36	5180	10.59	0.12	10.71	17.00	Pass
40	5200	10.75	0.12	10.87	17.00	Pass
48	5240	10.67	0.12	10.79	17.00	Pass

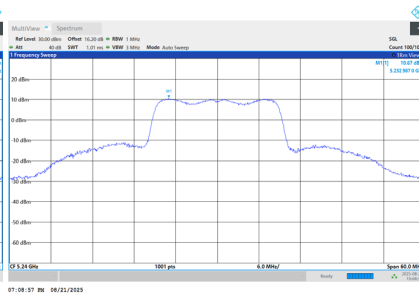
CH36



CH40



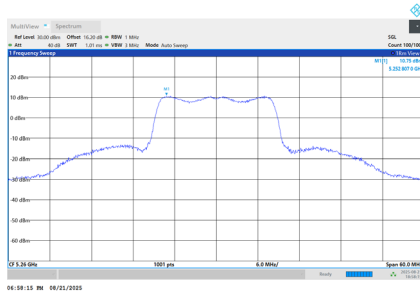
CH48



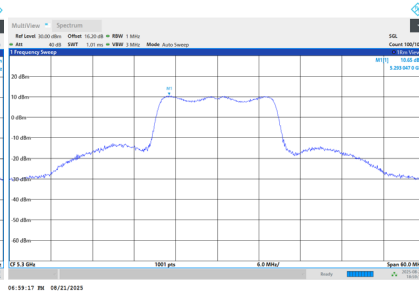
Test Mode	UNII-2A_TX A Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	10.75	0.11	10.87	11.00	Pass
60	5300	10.65	0.11	10.76	11.00	Pass
64	5320	10.81	0.11	10.92	11.00	Pass

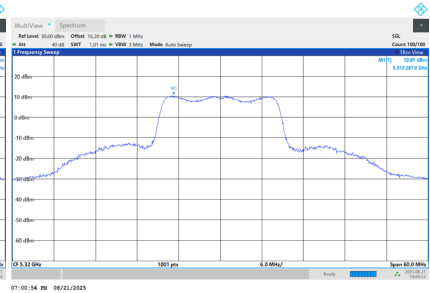
CH52



CH60



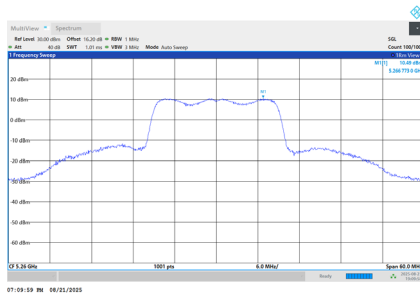
CH64



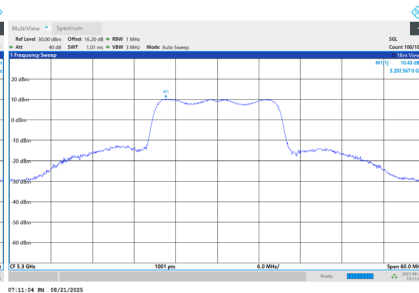
Test Mode	UNII-2A_TX N(HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
52	5260	10.49	0.12	10.61	11.00	Pass
60	5300	10.43	0.12	10.55	11.00	Pass
64	5320	10.54	0.12	10.67	11.00	Pass

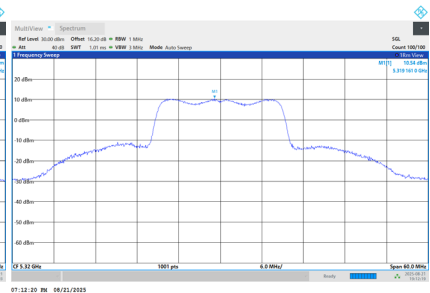
CH52



CH60



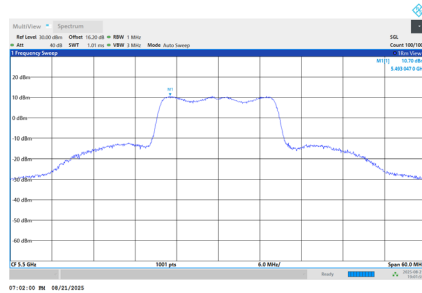
CH64



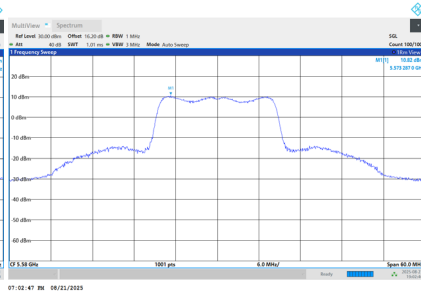
Test Mode	UNII-2C_TX A Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	10.70	0.11	10.81	11.00	Pass
116	5580	10.82	0.11	10.94	11.00	Pass
140	5700	10.74	0.11	10.85	11.00	Pass

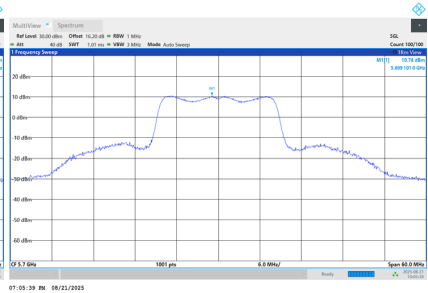
CH100



CH116



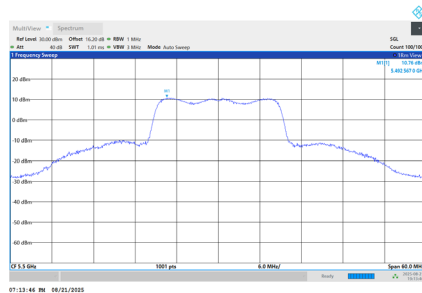
CH140



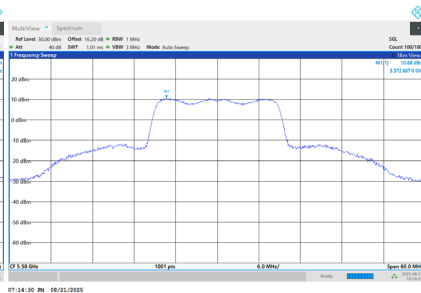
Test Mode	UNII-2C_TX N(HT20) Mode_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Result
100	5500	10.76	0.12	10.88	11.00	Pass
116	5580	10.68	0.12	10.80	11.00	Pass
140	5700	10.66	0.12	10.78	11.00	Pass

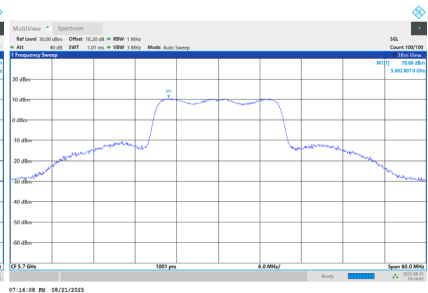
CH100



CH116



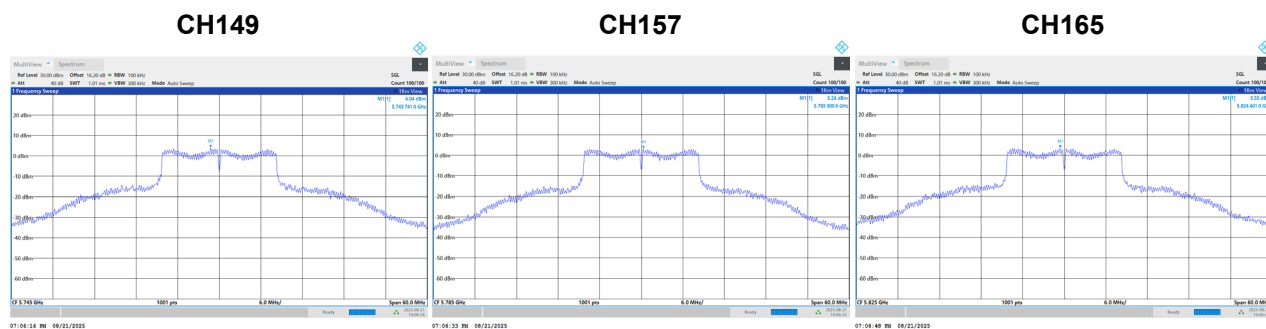
CH140



Test Mode UNII-3_TX A Mode_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/100 kHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor (dB)	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	4.04	11.02	0.11	11.14	30.00	Pass
157	5785	3.24	10.23	0.11	10.34	30.00	Pass
165	5825	3.55	10.54	0.11	10.65	30.00	Pass

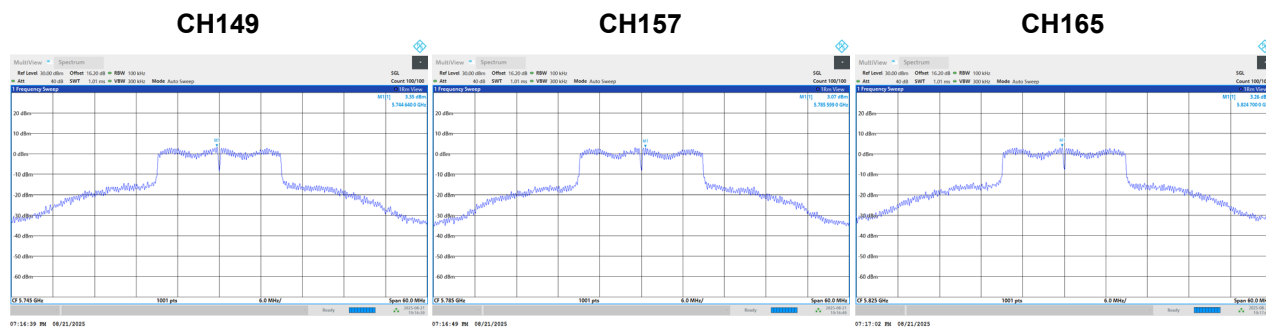
NOTE: $PSD_{dBm/500\text{ kHz}} = PSD_{dBm/100\text{ kHz}} + 10 \times \log(500\text{ kHz} / 100\text{ kHz}) = PSD_{dBm/100\text{ kHz}} + 6.99\text{ dB}$



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

Channel	Frequency (MHz)	Power Spectral Density (dBm/100 kHz)	Power Spectral Density (dBm/500 kHz)	Duty Factor (dB)	Power Spectral Density + Duty Factor (dBm/MHz)	Max. Limit (dBm/500 kHz)	Result
149	5745	3.35	10.34	0.12	10.46	30.00	Pass
157	5785	3.07	10.05	0.12	10.18	30.00	Pass
165	5825	3.26	10.25	0.12	10.37	30.00	Pass

NOTE: $PSD_{dBm/500\text{ kHz}} = PSD_{dBm/100\text{ kHz}} + 10 \times \log(500\text{ kHz} / 100\text{ kHz}) = PSD_{dBm/100\text{ kHz}} + 6.99\text{ dB}$



End of Test Report