

Appendix Test Data

Report No.:	1812C60435812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-31	Finish Test Date:	2026-8-5
Test Engineer:	<i>Pearl Ao</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.5°C	Relative Humidity:	72%
Pressure:	99.8kPa		

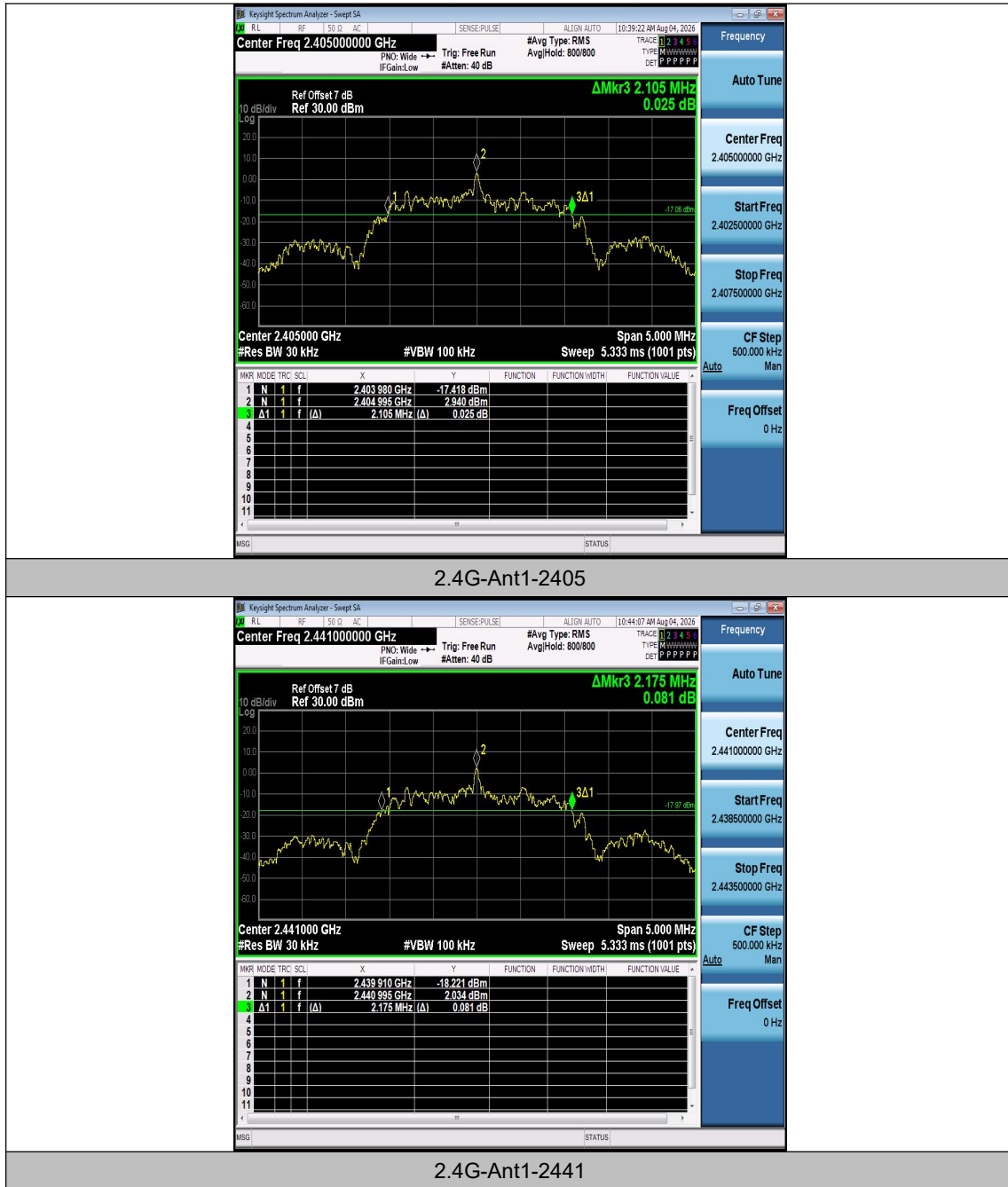


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	2.105	2403.980	2406.085	---	---
2.4G	Ant1	2441	2.175	2439.910	2442.085	---	---
2.4G	Ant1	2475	2.130	2473.960	2476.090	---	---

Test Graphs





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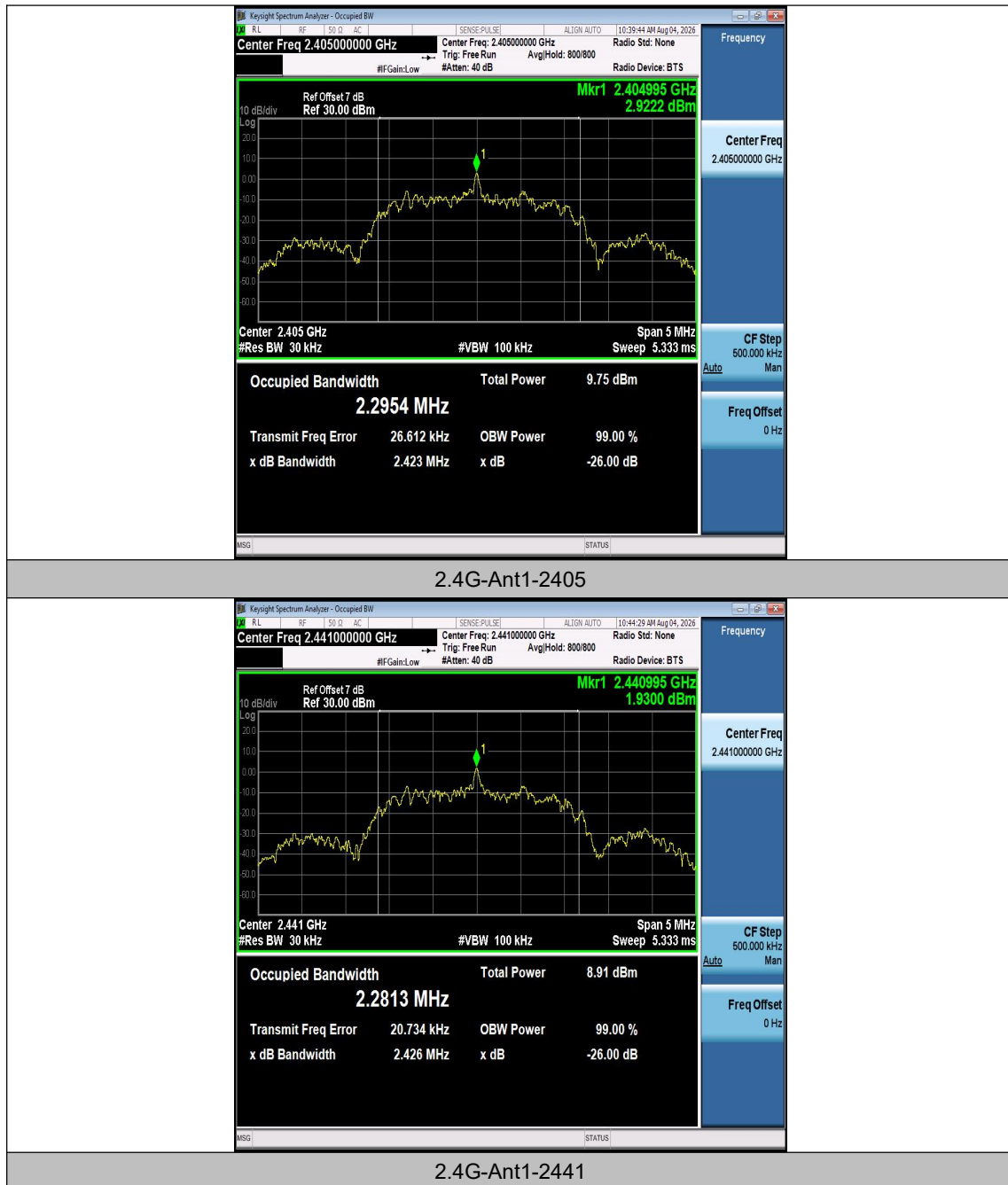
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	2.2954	2403.8789	2406.1743	---	---
2.4G	Ant1	2441	2.2813	2439.8801	2442.1614	---	---
2.4G	Ant1	2475	2.2637	2473.8817	2476.1454	---	---

Test Graphs



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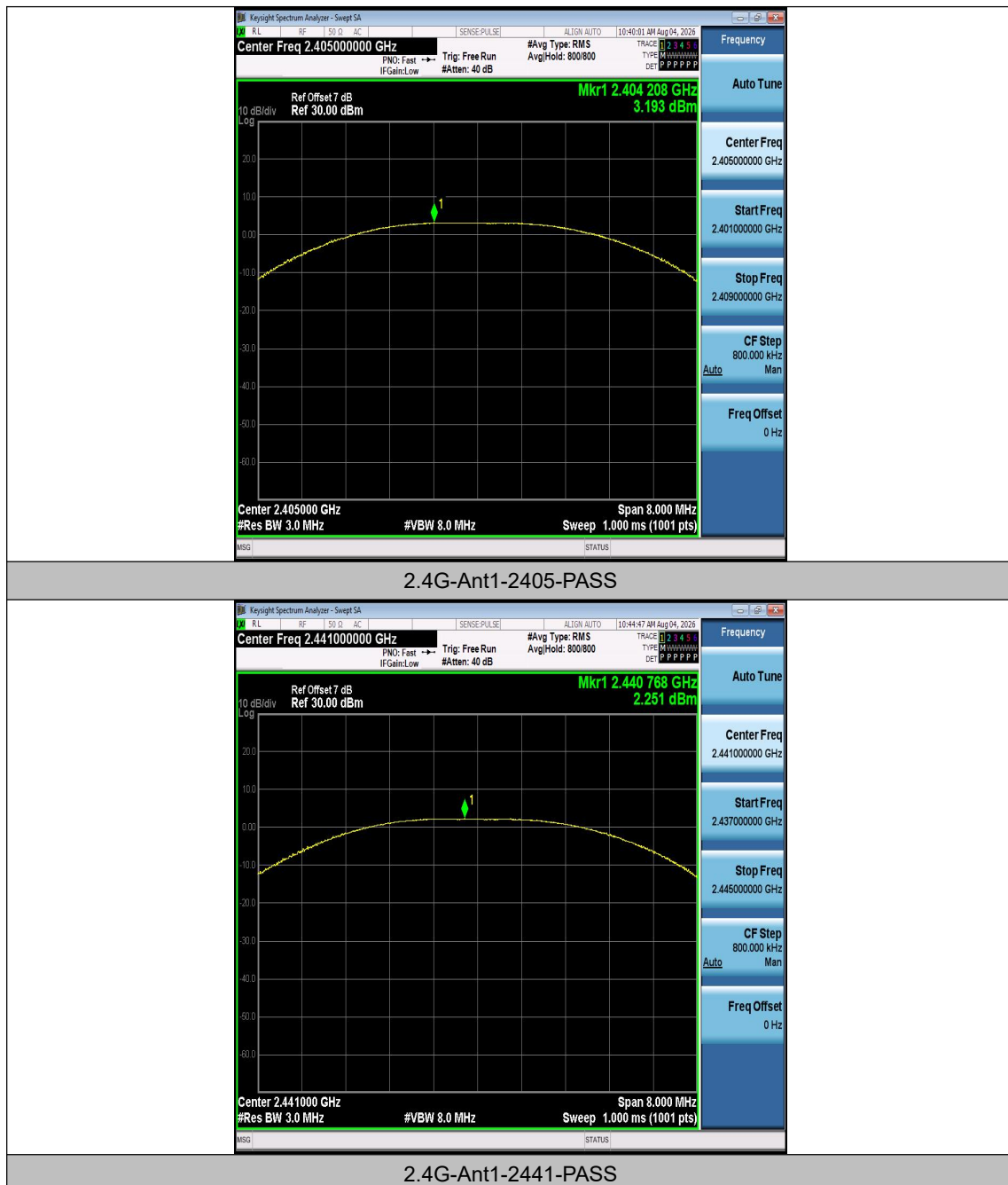
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2405	3.19	≤20.97	PASS
2.4G	Ant1	2441	2.25	≤20.97	PASS
2.4G	Ant1	2475	1.41	≤20.97	PASS

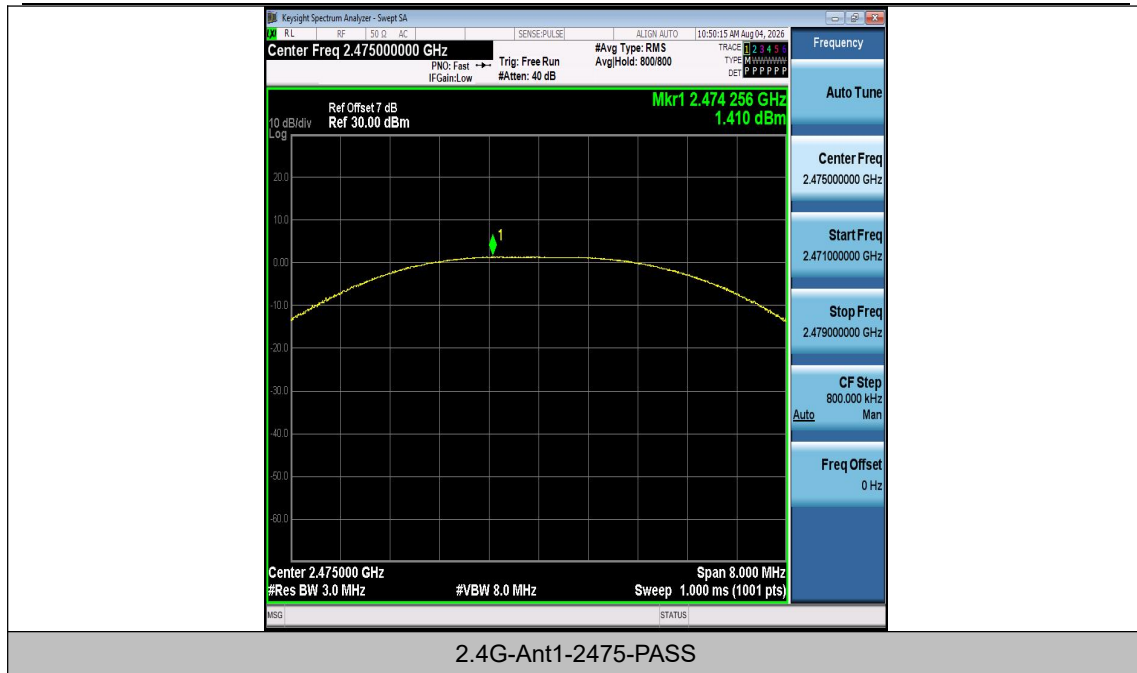
Test Graphs



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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	2.010	≥1.450	PASS

Note: For conducted power less than 0.125 W(20.97 dBm), the limit can be set using hopping channel carrier frequencies that are separated by 25 kHz or two thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

Test Graphs

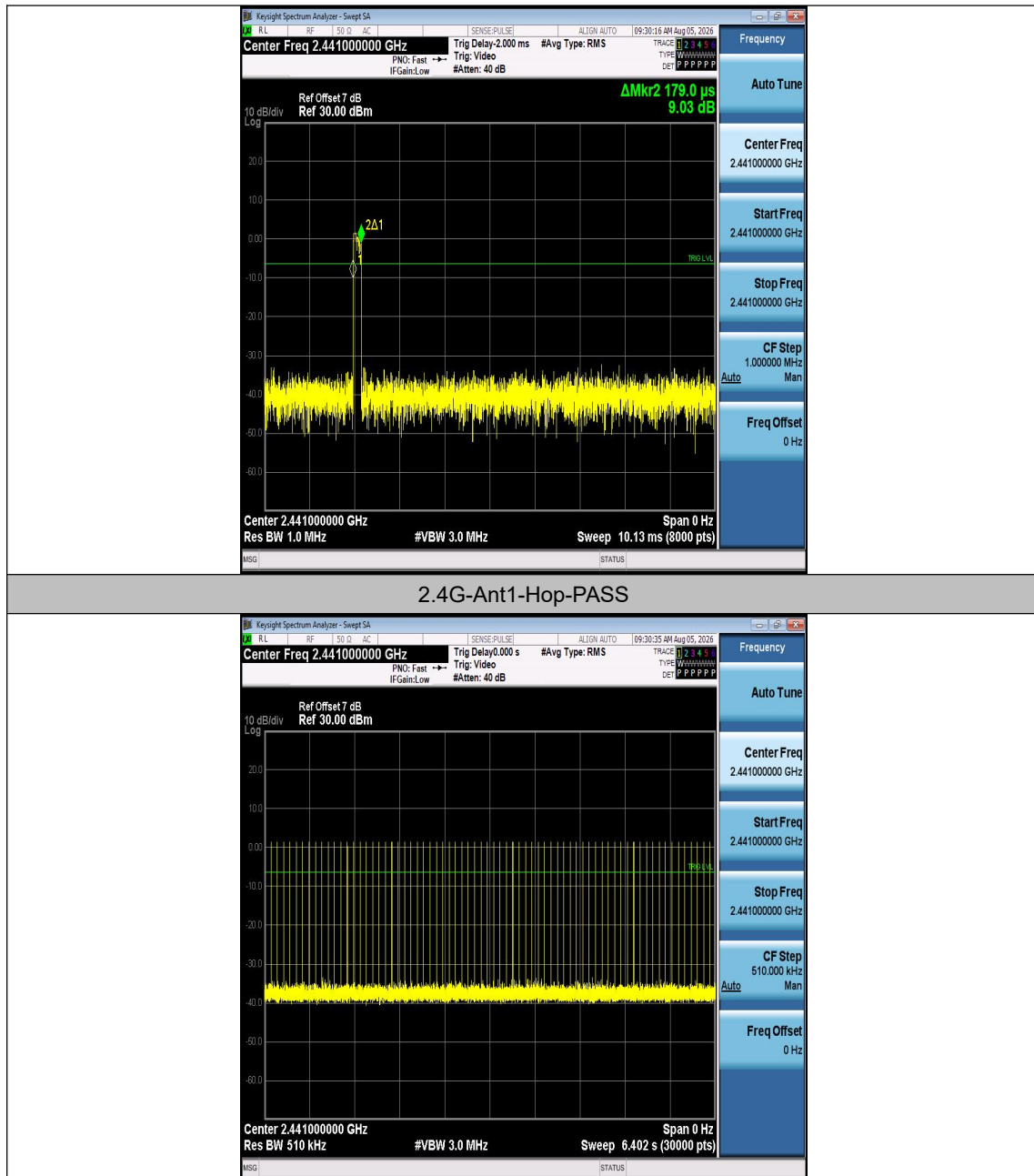


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.179	345.625	0.062	≤0.4	PASS

Test Graphs



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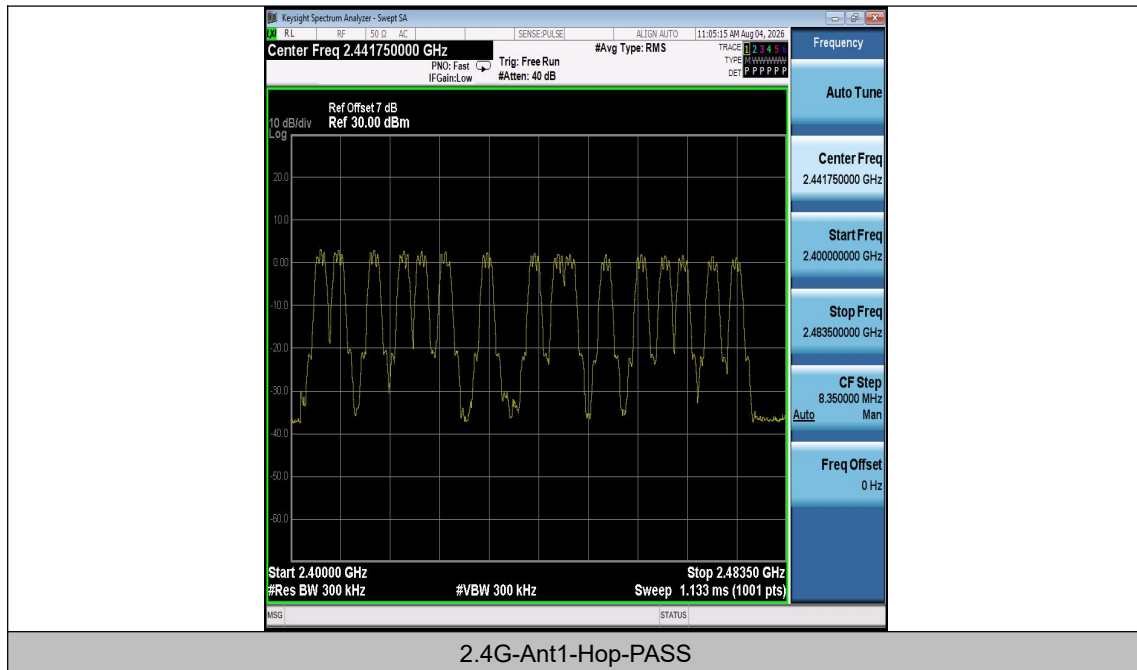
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Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
2.4G	Ant1	Hop	16	≥15	PASS

Test Graphs



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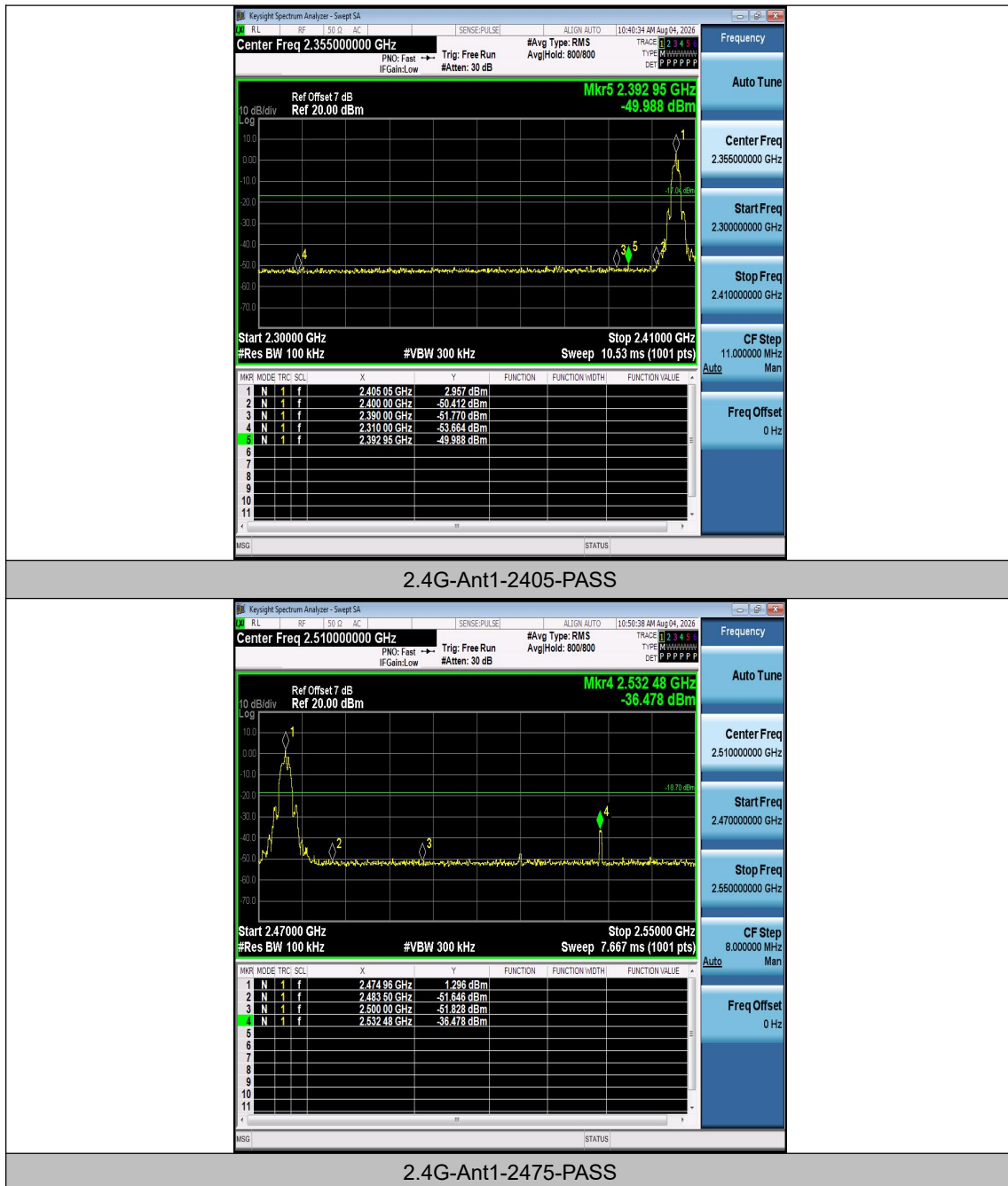
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2405	2.96	-49.99	≤ -17.04	PASS
2.4G	Ant1	High	2475	1.30	-36.48	≤ -18.7	PASS
2.4G	Ant1	Low	Hop	2.80	-50.21	≤ -17.2	PASS
2.4G	Ant1	High	Hop	-4.73	-41.63	≤ -24.73	PASS

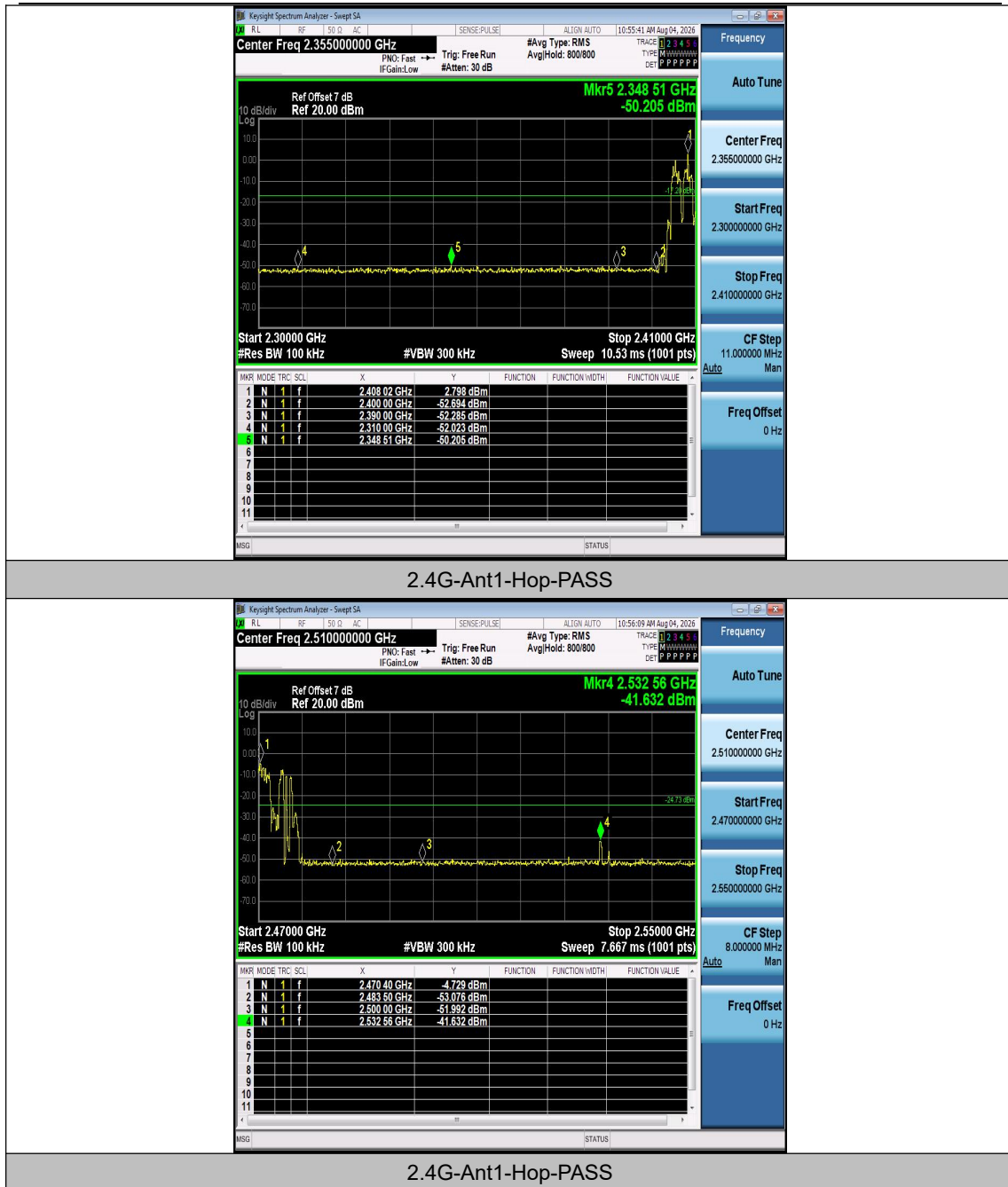
Test Graphs



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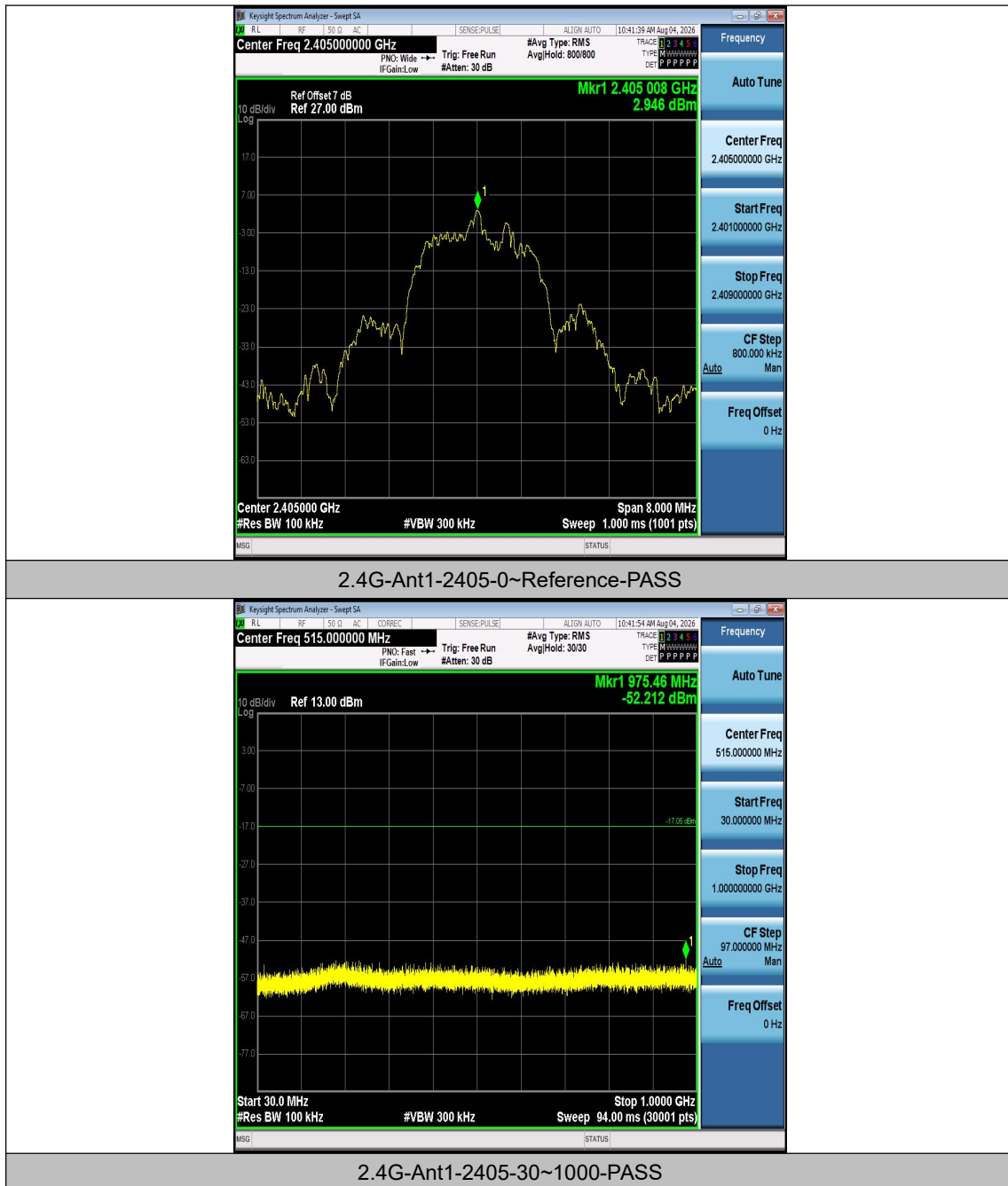
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2405	0~Reference	2.95	2.95	---	PASS
2.4G	Ant1	2405	30~1000	2.95	-52.21	≤-17.05	PASS
2.4G	Ant1	2405	1000~26500	2.95	-33.95	≤-17.05	PASS
2.4G	Ant1	2441	0~Reference	2.00	2.00	---	PASS
2.4G	Ant1	2441	30~1000	2.00	-51.74	≤-18	PASS
2.4G	Ant1	2441	1000~26500	2.00	-35.74	≤-18	PASS
2.4G	Ant1	2475	0~Reference	1.14	1.14	---	PASS
2.4G	Ant1	2475	30~1000	1.14	-51.76	≤-18.86	PASS
2.4G	Ant1	2475	1000~26500	1.14	-36.79	≤-18.86	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

Test Graphs

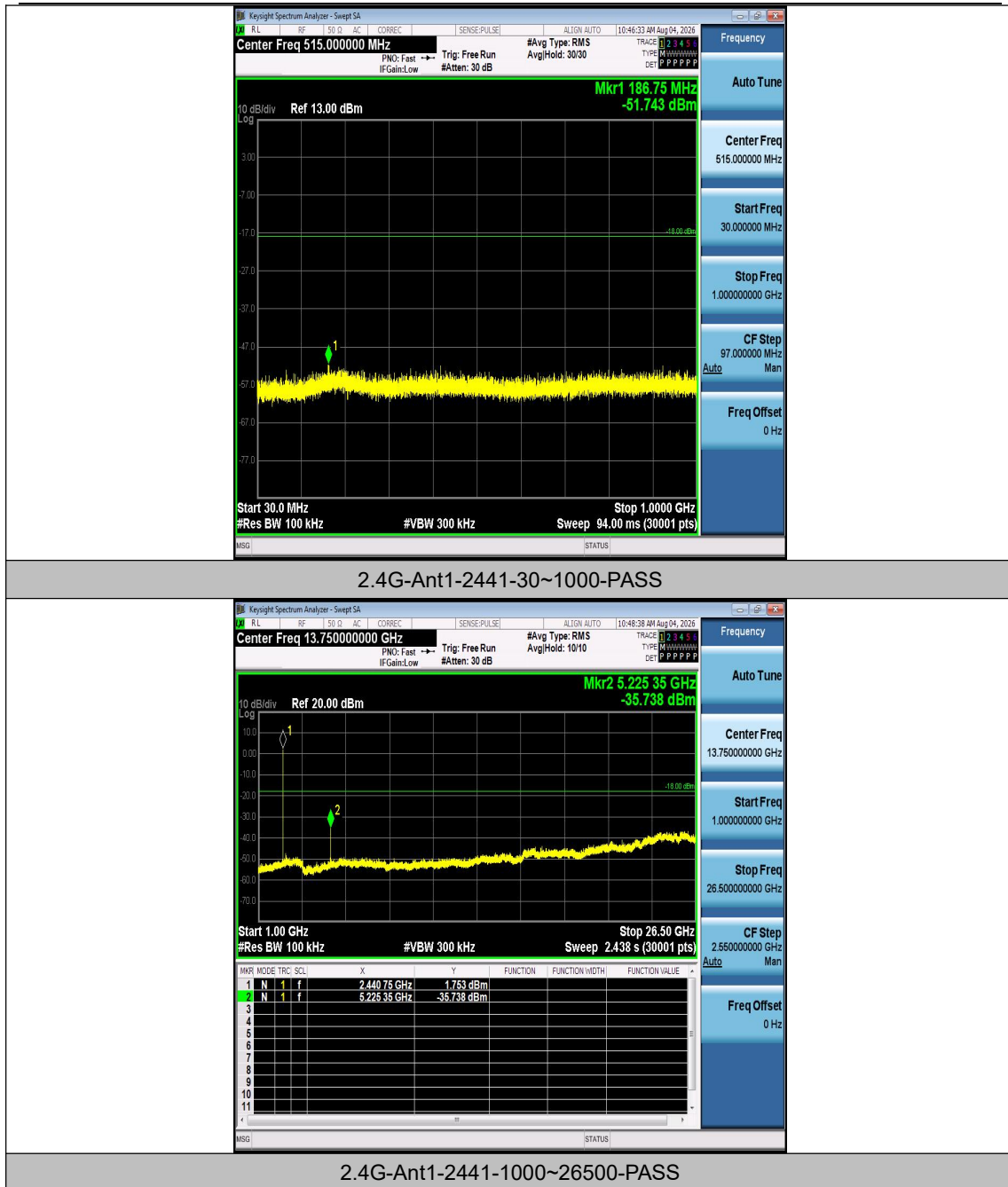


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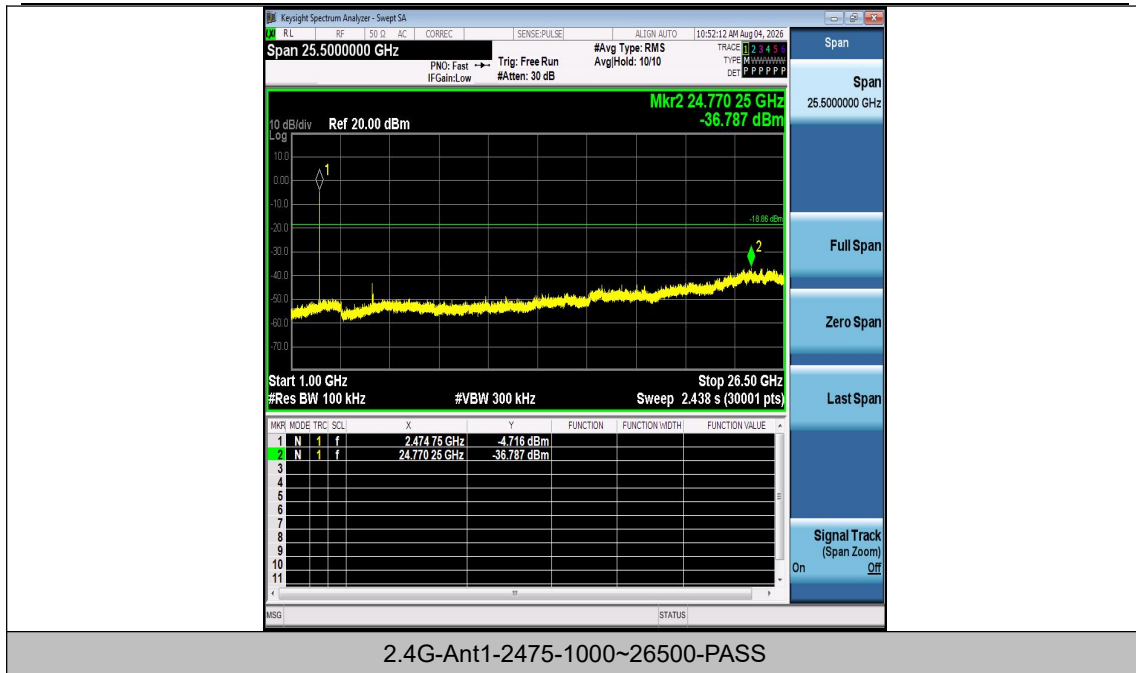
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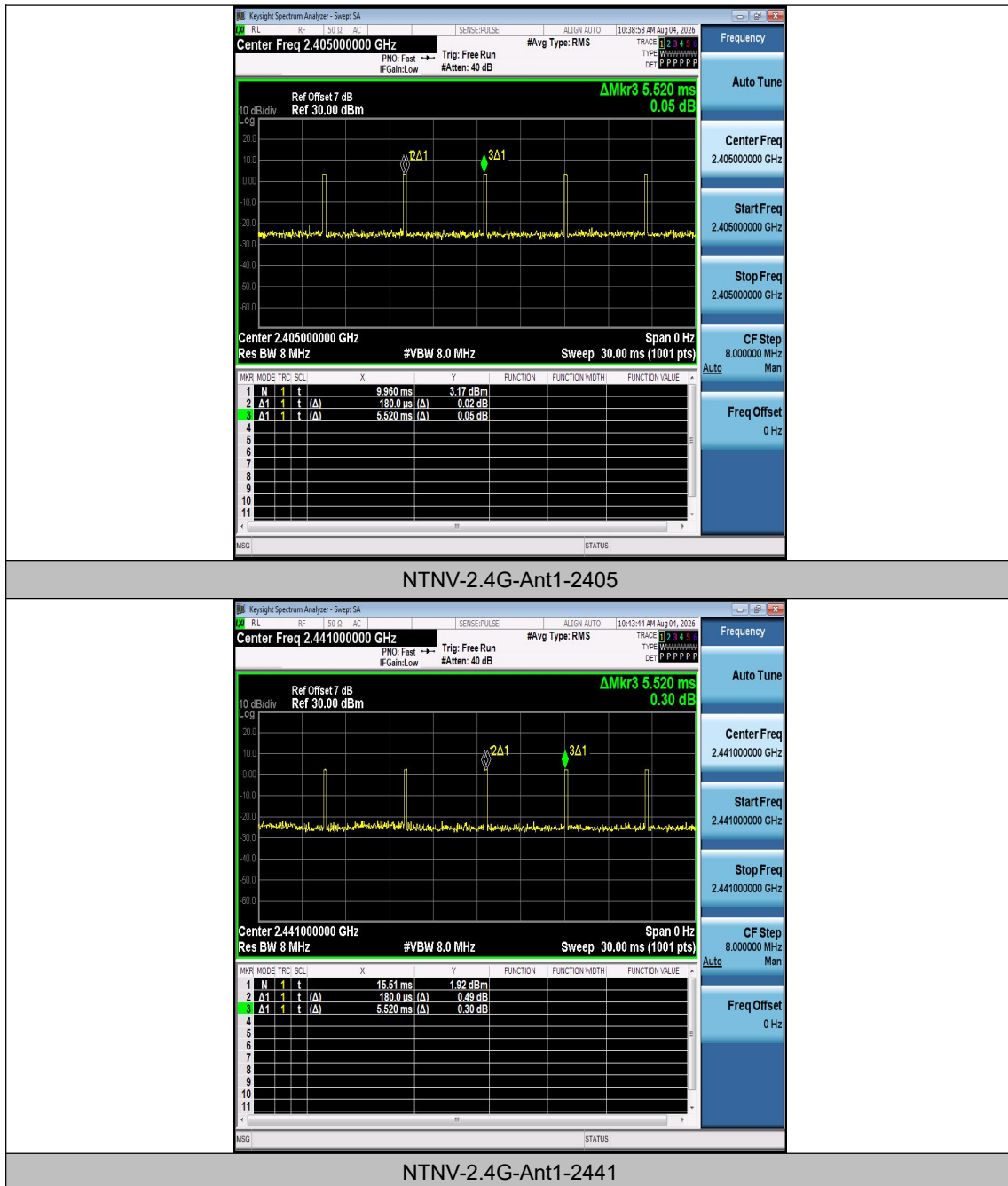
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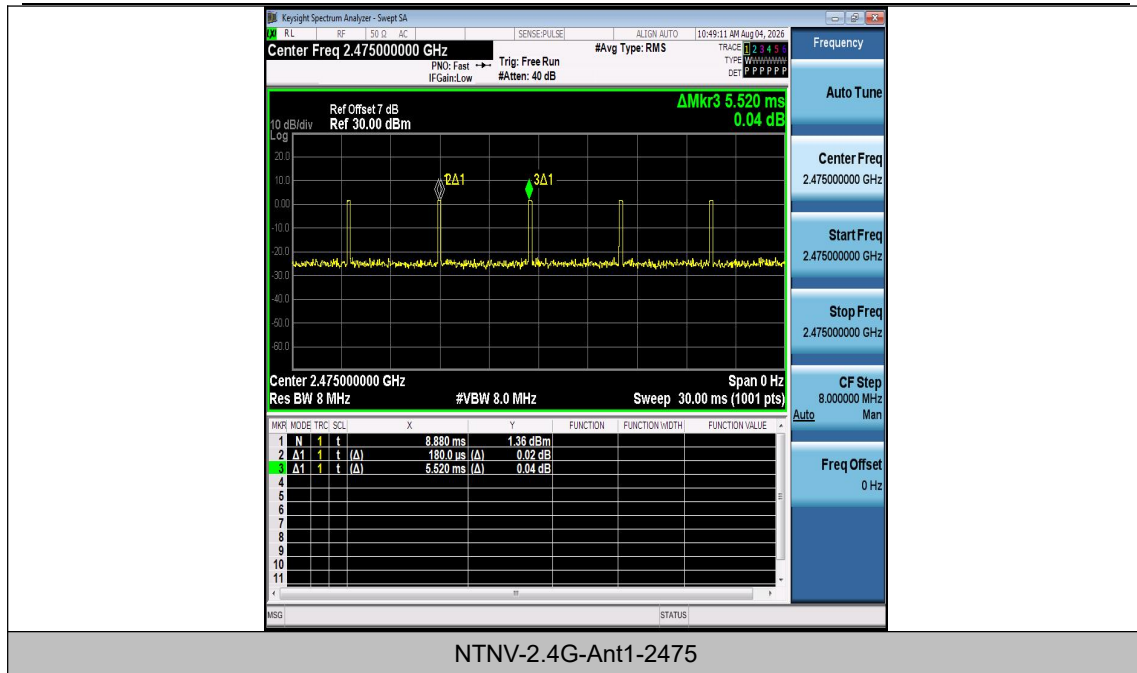
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2405	0.18	5.52	3.26	14.87
2.4G	Ant1	2441	0.18	5.52	3.26	14.87
2.4G	Ant1	2475	0.18	5.52	3.26	14.87

Test Graphs





---End---