

Appendix Test Data

Report No.:	1812C60259612502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-12	Finish Test Date:	2026-5-14
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25°C	Relative Humidity:	66%
Pressure:	101kPa		



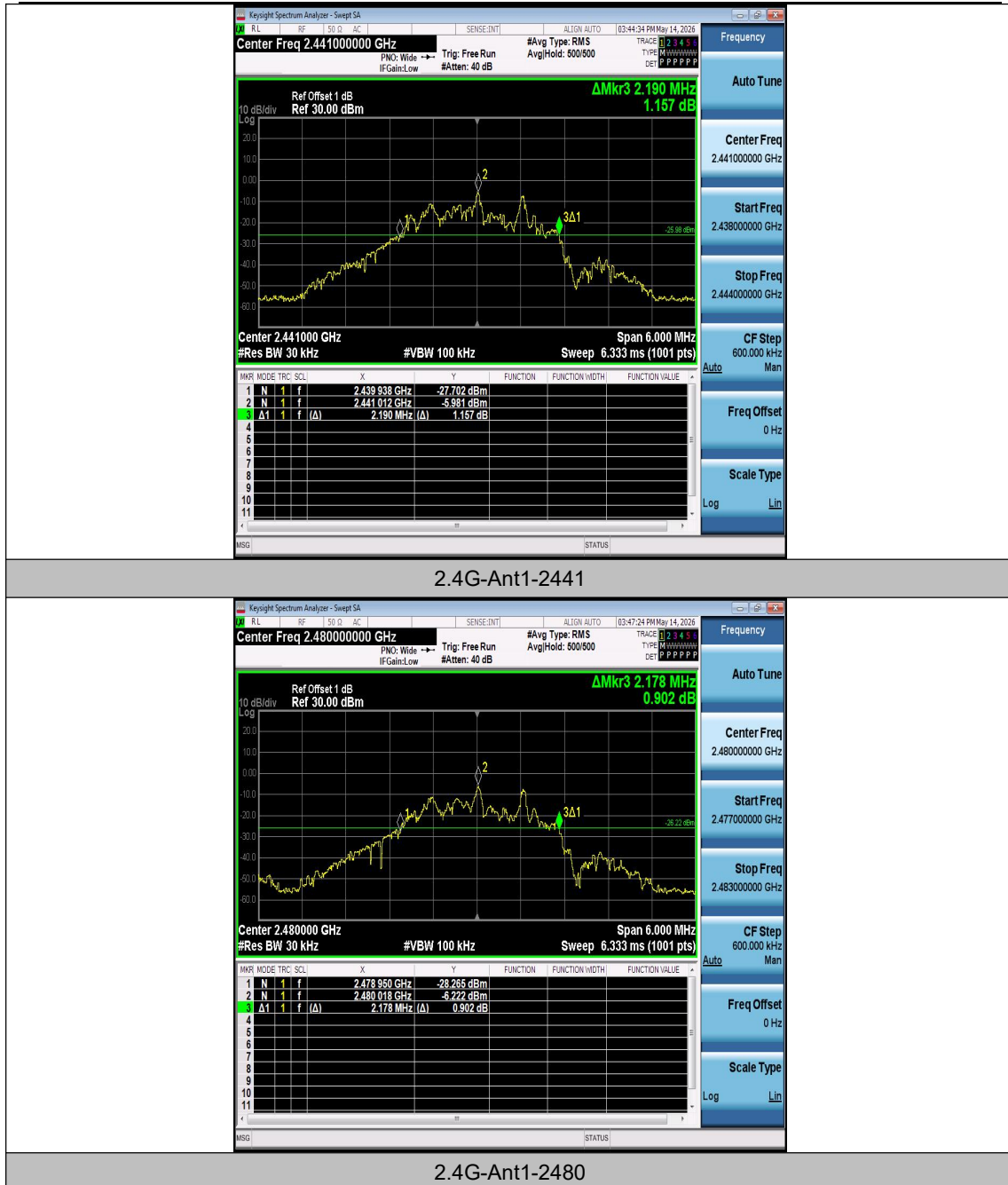
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.172	2401.950	2404.122	---	---
2.4G	Ant1	2441	2.190	2439.938	2442.128	---	---
2.4G	Ant1	2480	2.178	2478.950	2481.128	---	---

Test Graphs





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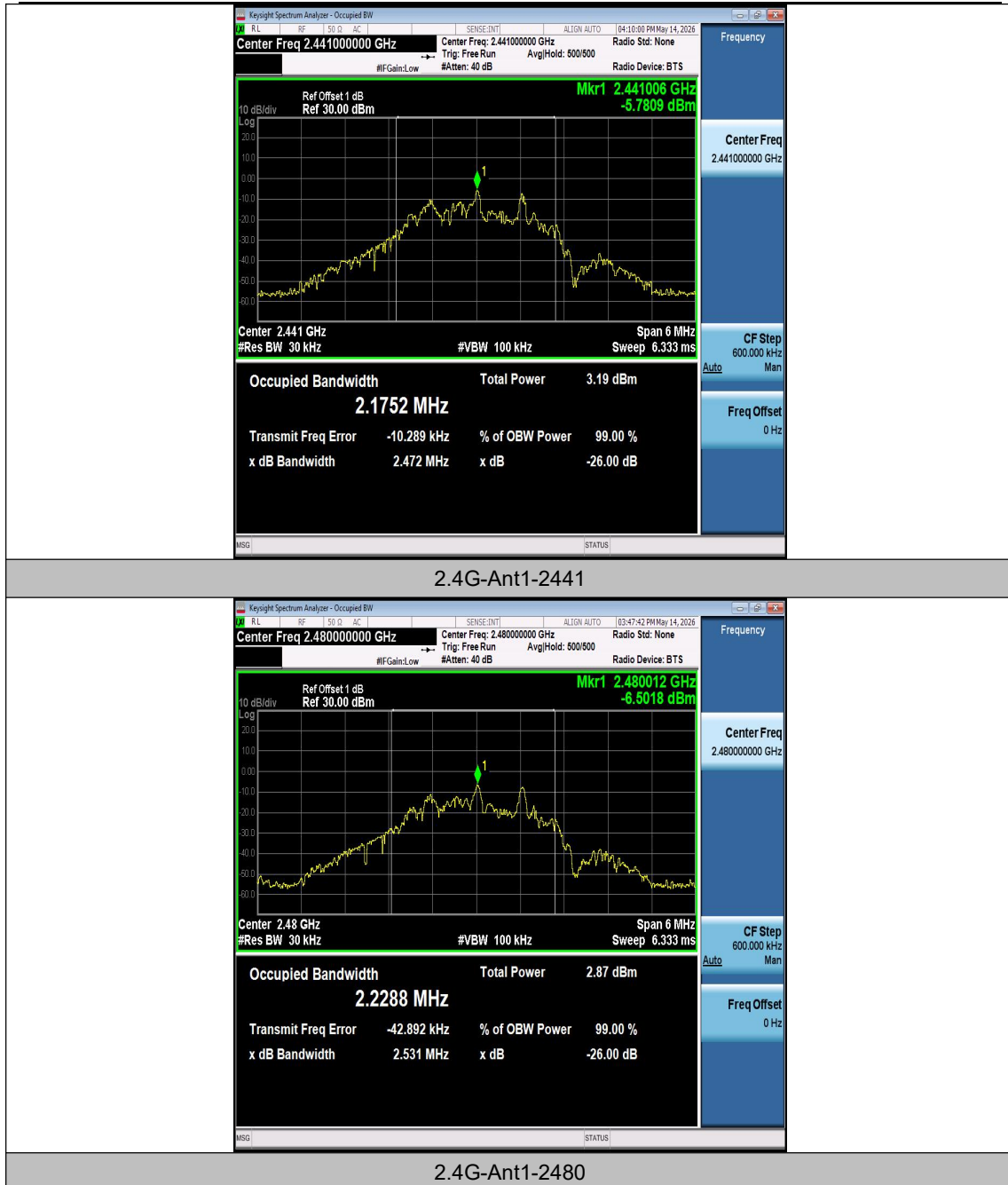
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.1676	2401.9105	2404.0781	---	---
2.4G	Ant1	2441	2.1752	2439.9021	2442.0773	---	---
2.4G	Ant1	2480	2.2288	2478.8427	2481.0715	---	---

Test Graphs





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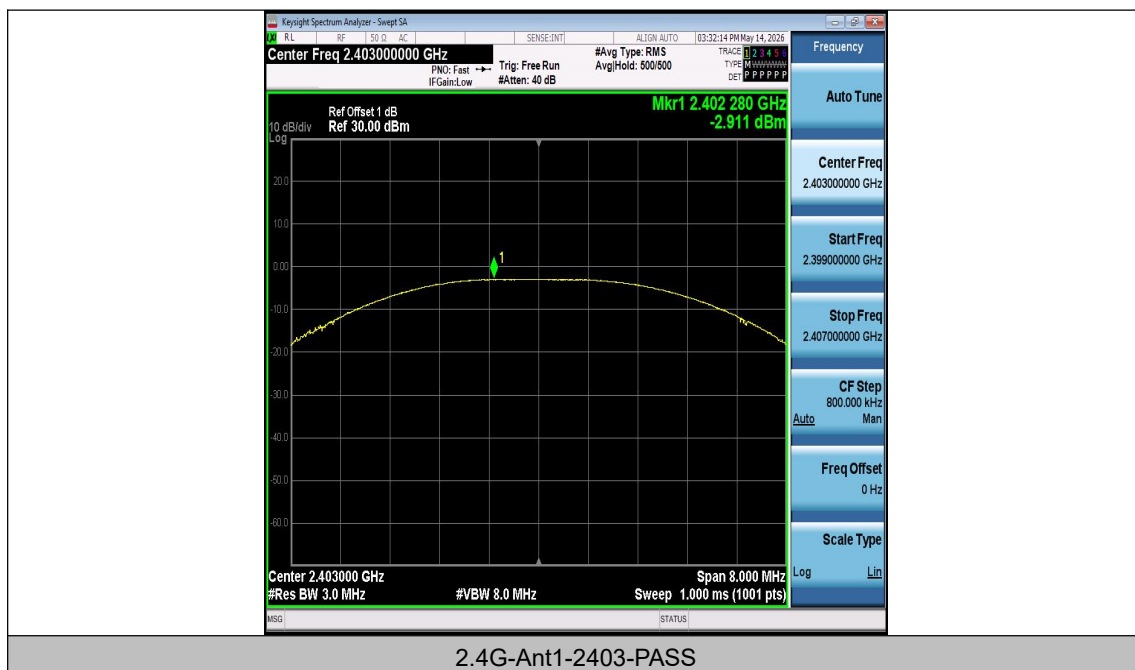
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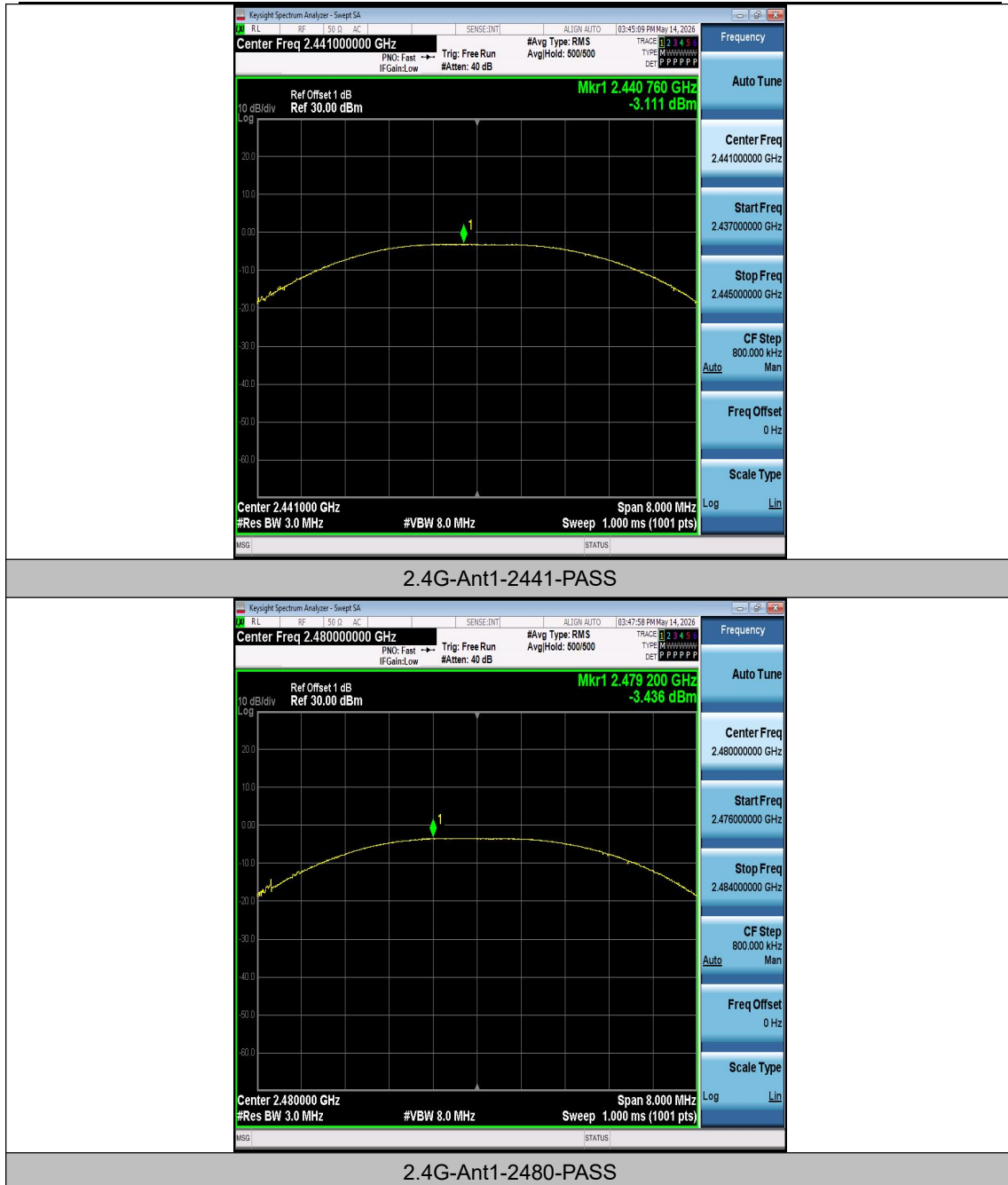
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	-2.91	≤30	PASS
2.4G	Ant1	2441	-3.11	≤30	PASS
2.4G	Ant1	2480	-3.44	≤30	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	4.000	≥2.190	PASS

Test Graphs

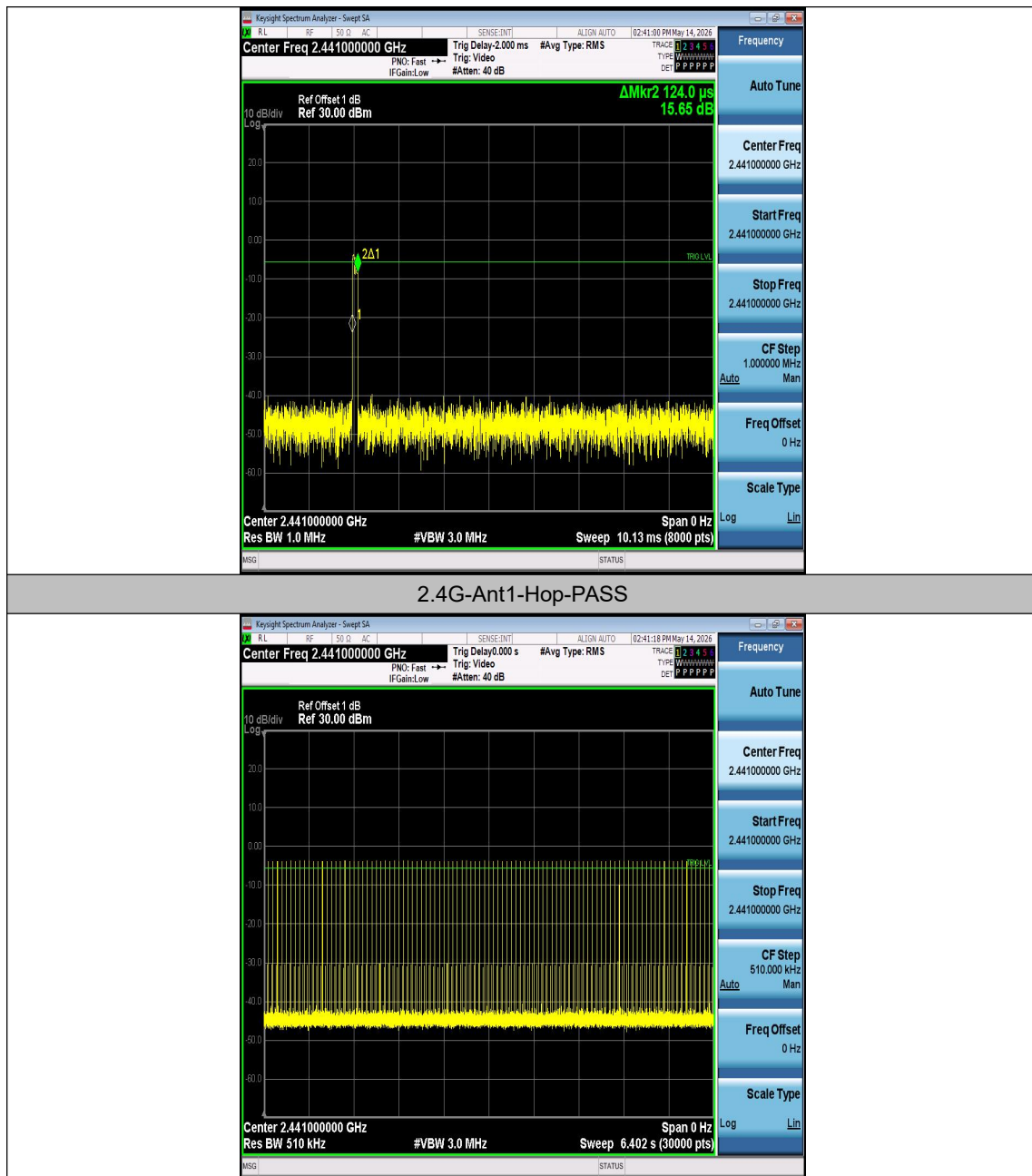


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.124	493.75	0.061	≤0.4	PASS

Test Graphs



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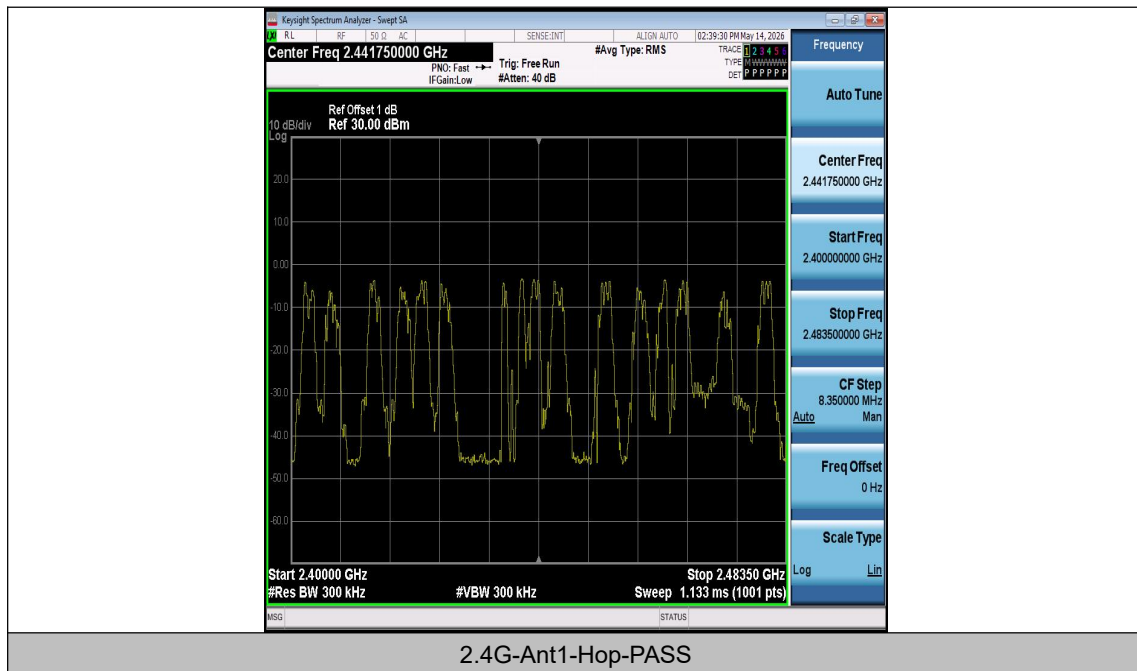
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs

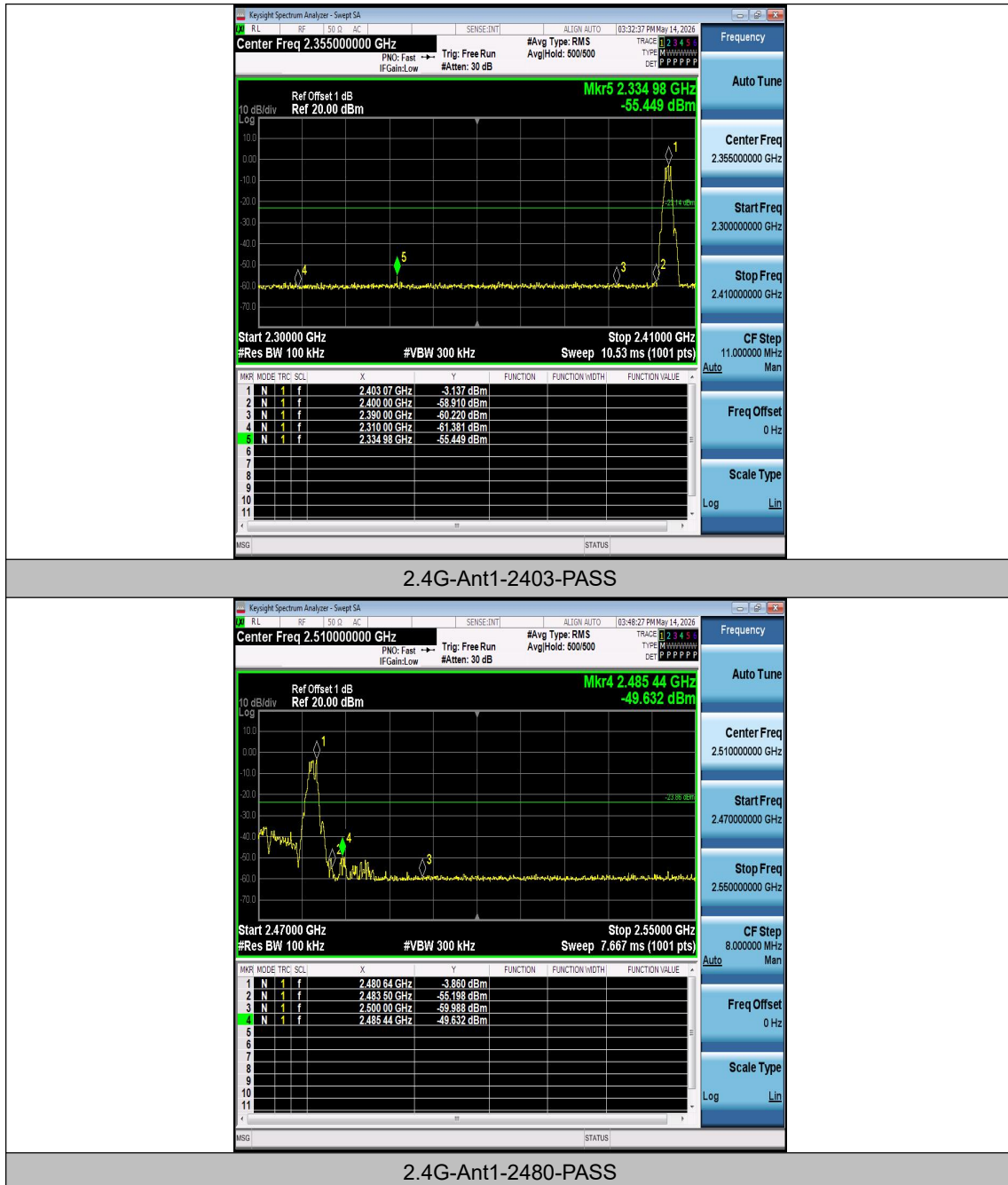


Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	-3.14	-55.45	≤ -23.14	PASS
2.4G	Ant1	High	2480	-3.86	-49.63	≤ -23.86	PASS
2.4G	Ant1	Low	Hop	-4.20	-57.08	≤ -24.2	PASS
2.4G	Ant1	High	Hop	-3.65	-56.78	≤ -23.65	PASS

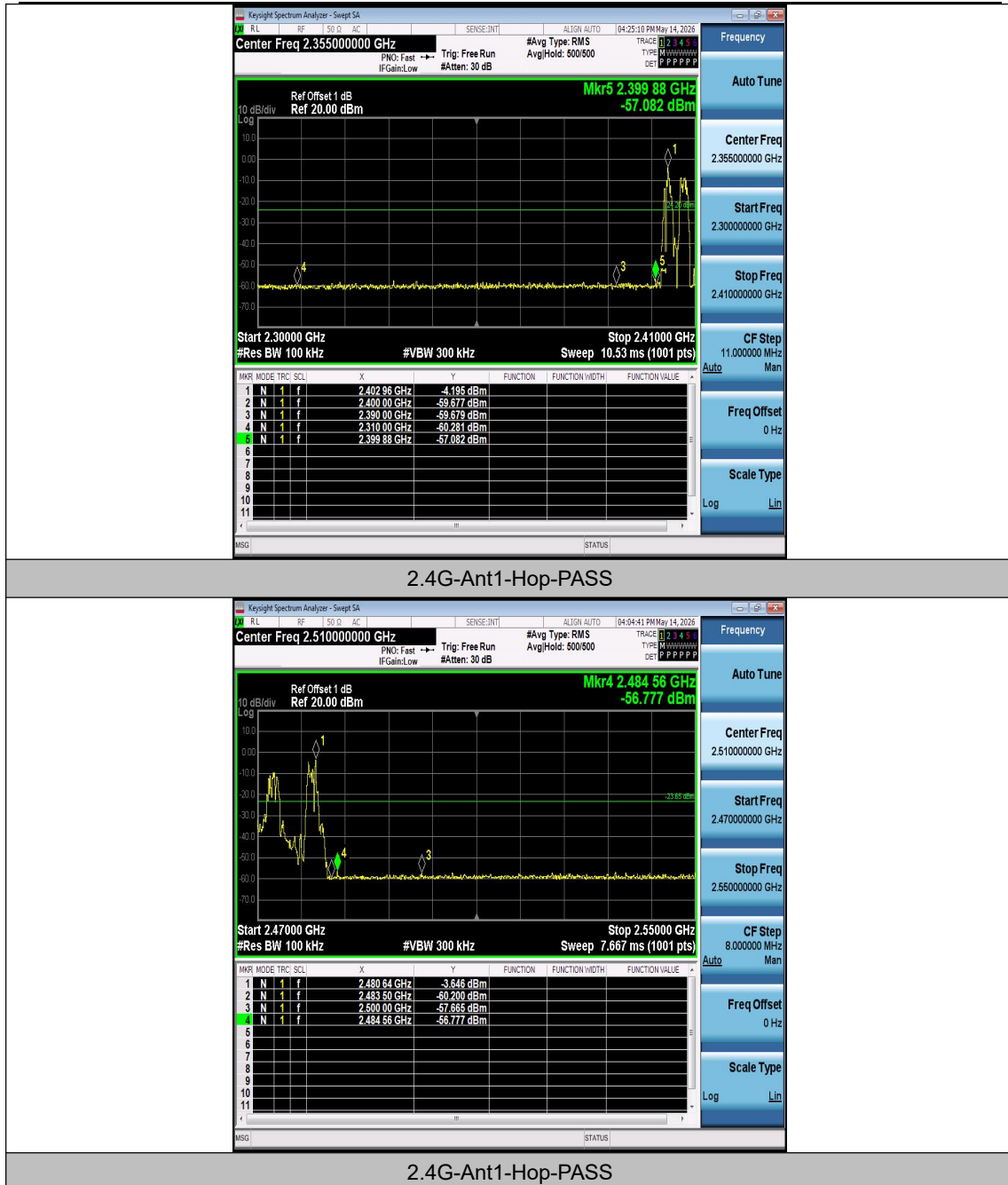
Test Graphs



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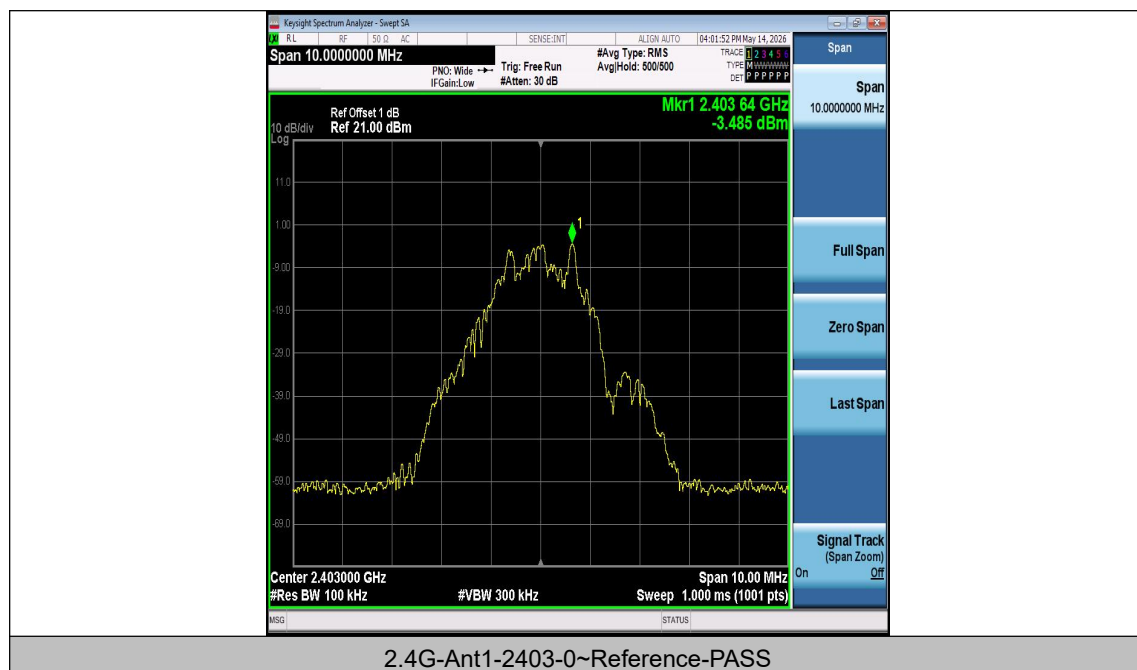
Appendix H: Conducted Spurious Emission

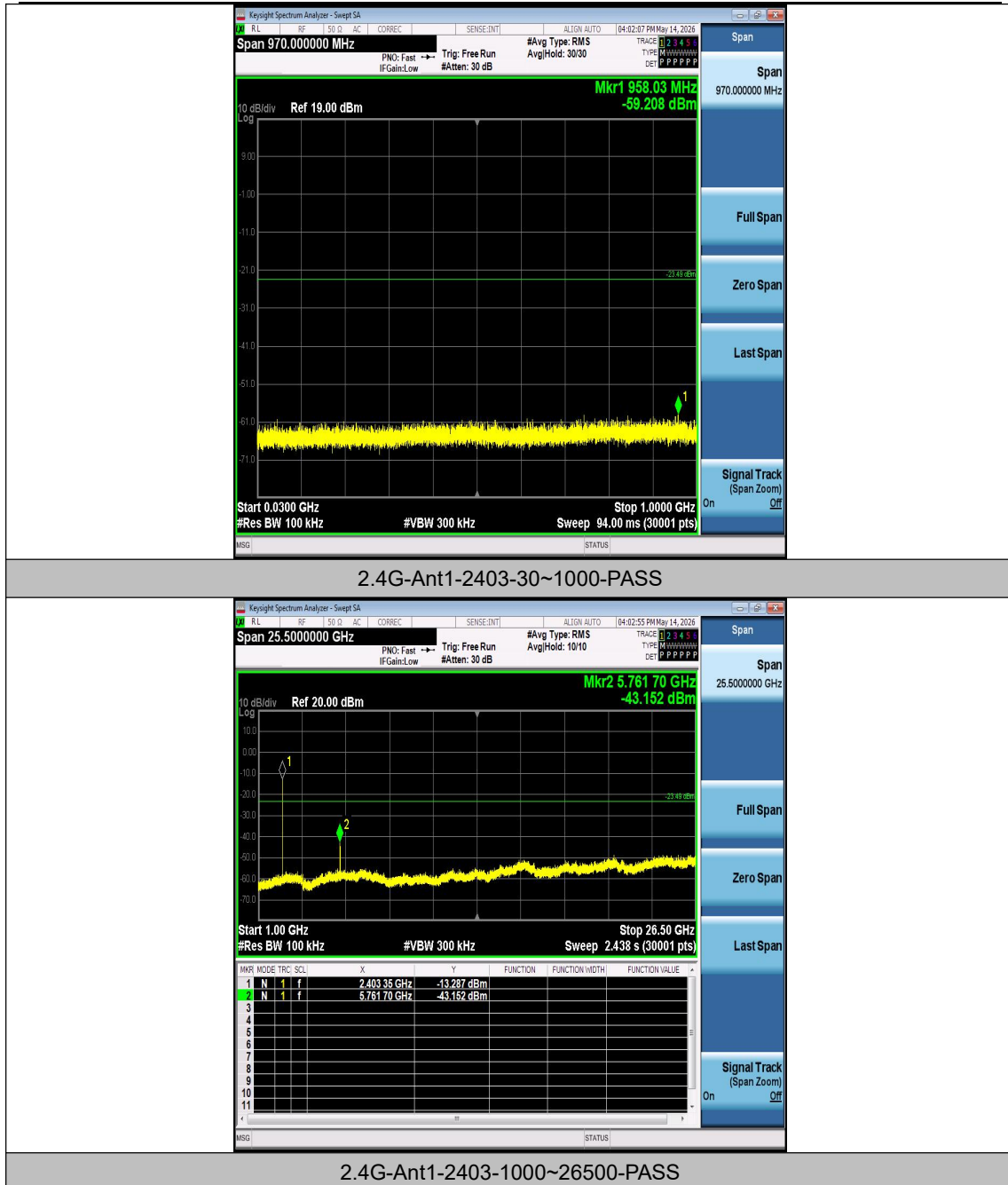
Test Result

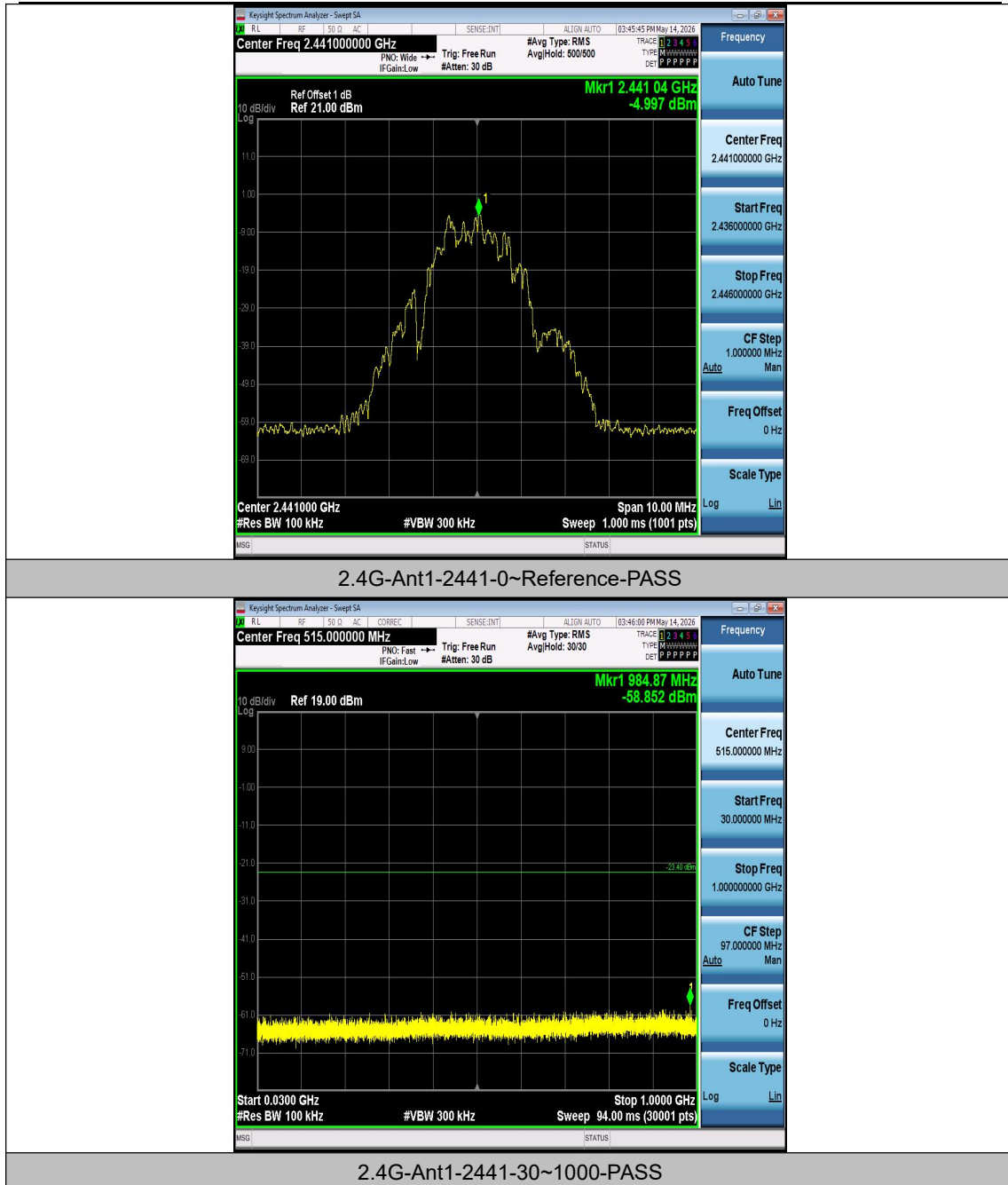
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	-3.49	-3.49	---	PASS
2.4G	Ant1	2403	30~1000	-3.49	-59.21	≤-23.49	PASS
2.4G	Ant1	2403	1000~26500	-3.49	-43.15	≤-23.49	PASS
2.4G	Ant1	2441	0~Reference	-3.40	-3.40	---	PASS
2.4G	Ant1	2441	30~1000	-3.40	-58.85	≤-23.4	PASS
2.4G	Ant1	2441	1000~26500	-3.40	-47.7	≤-23.4	PASS
2.4G	Ant1	2480	0~Reference	-4.16	-4.16	---	PASS
2.4G	Ant1	2480	30~1000	-4.16	-59.12	≤-24.16	PASS
2.4G	Ant1	2480	1000~26500	-4.16	-48.76	≤-24.16	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



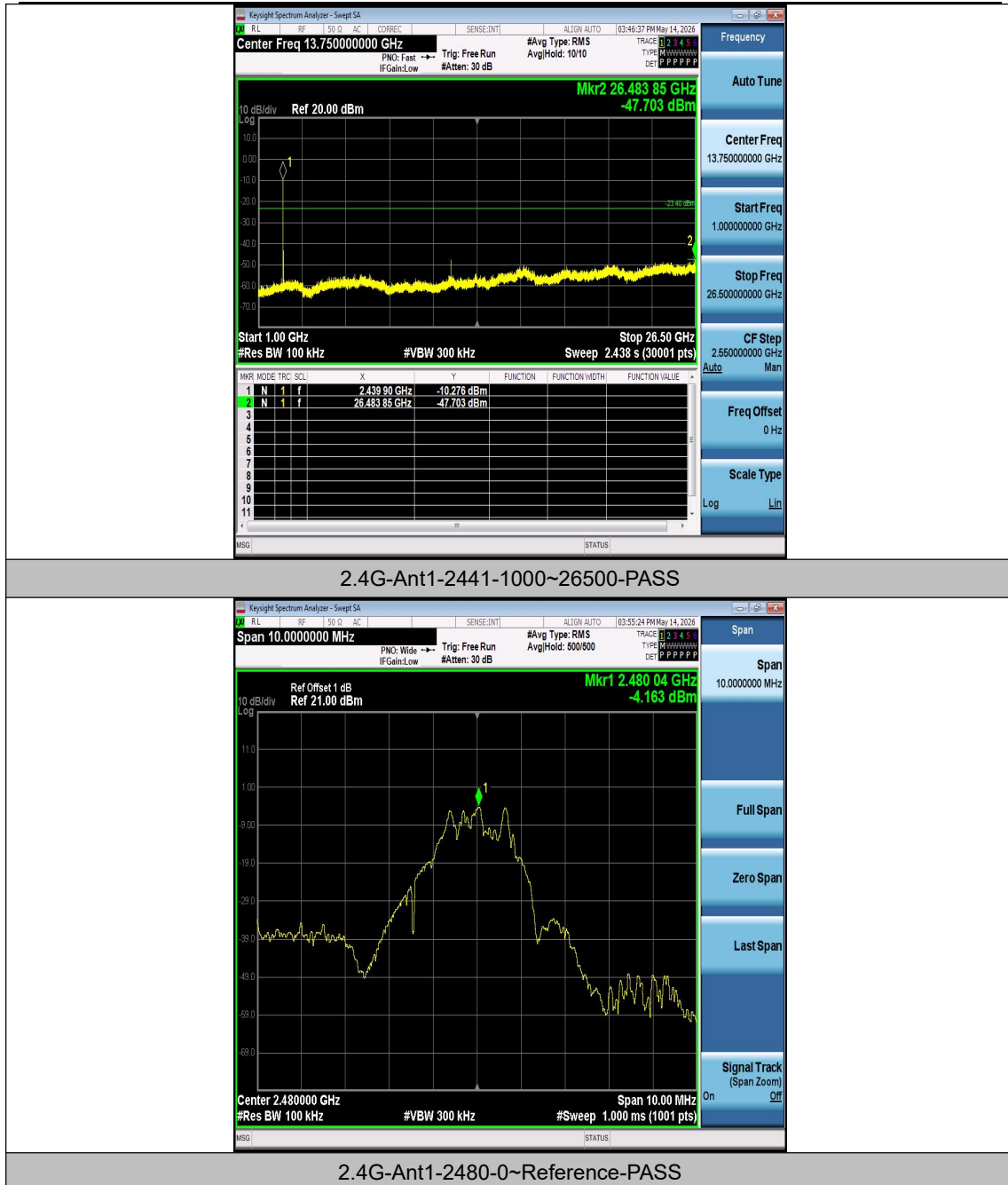




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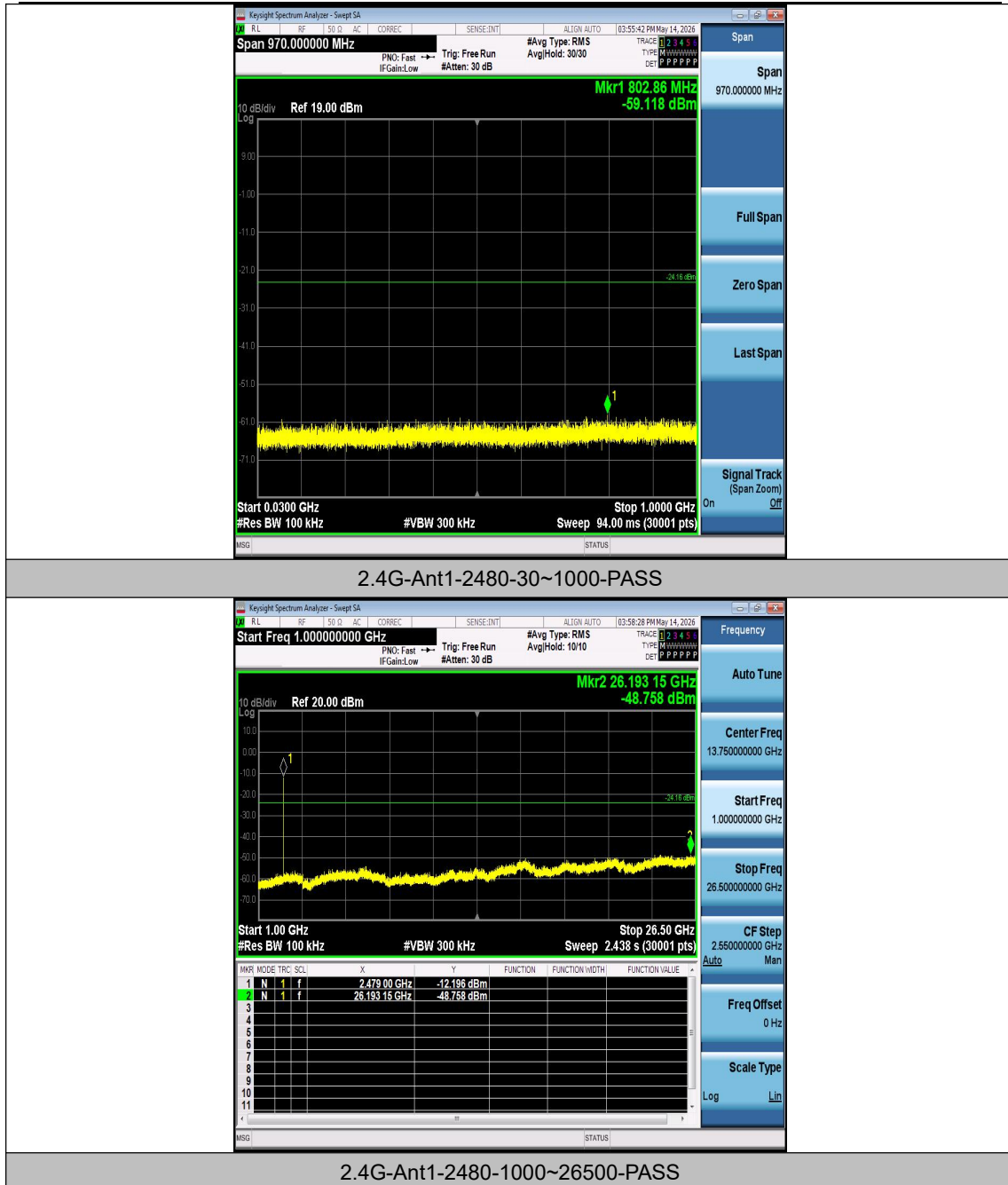
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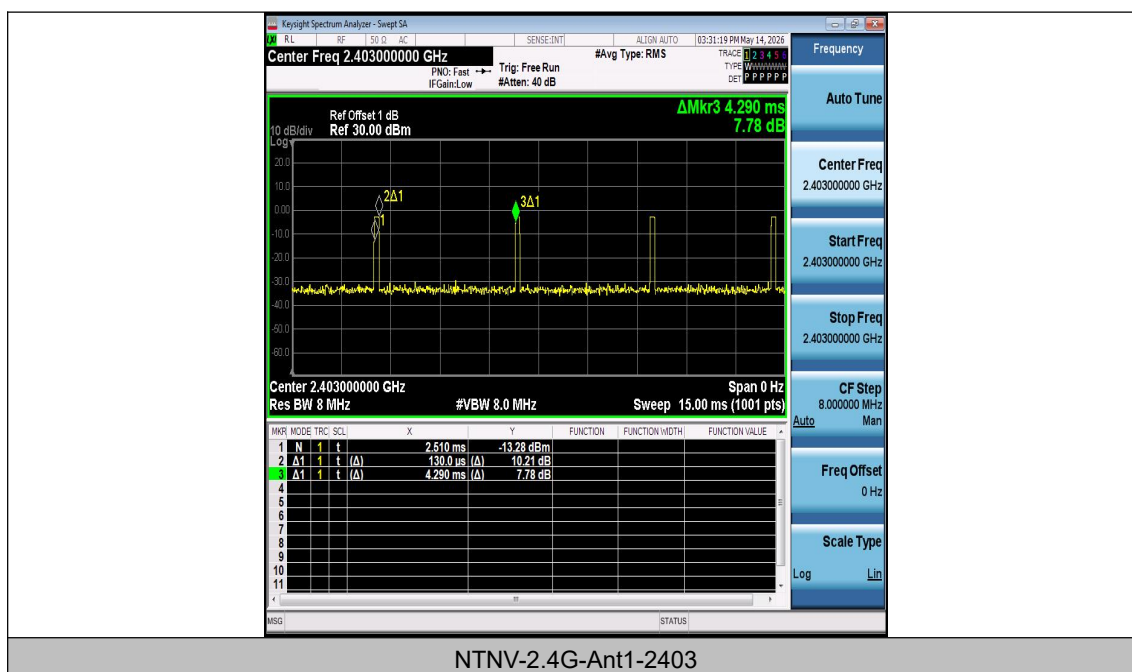


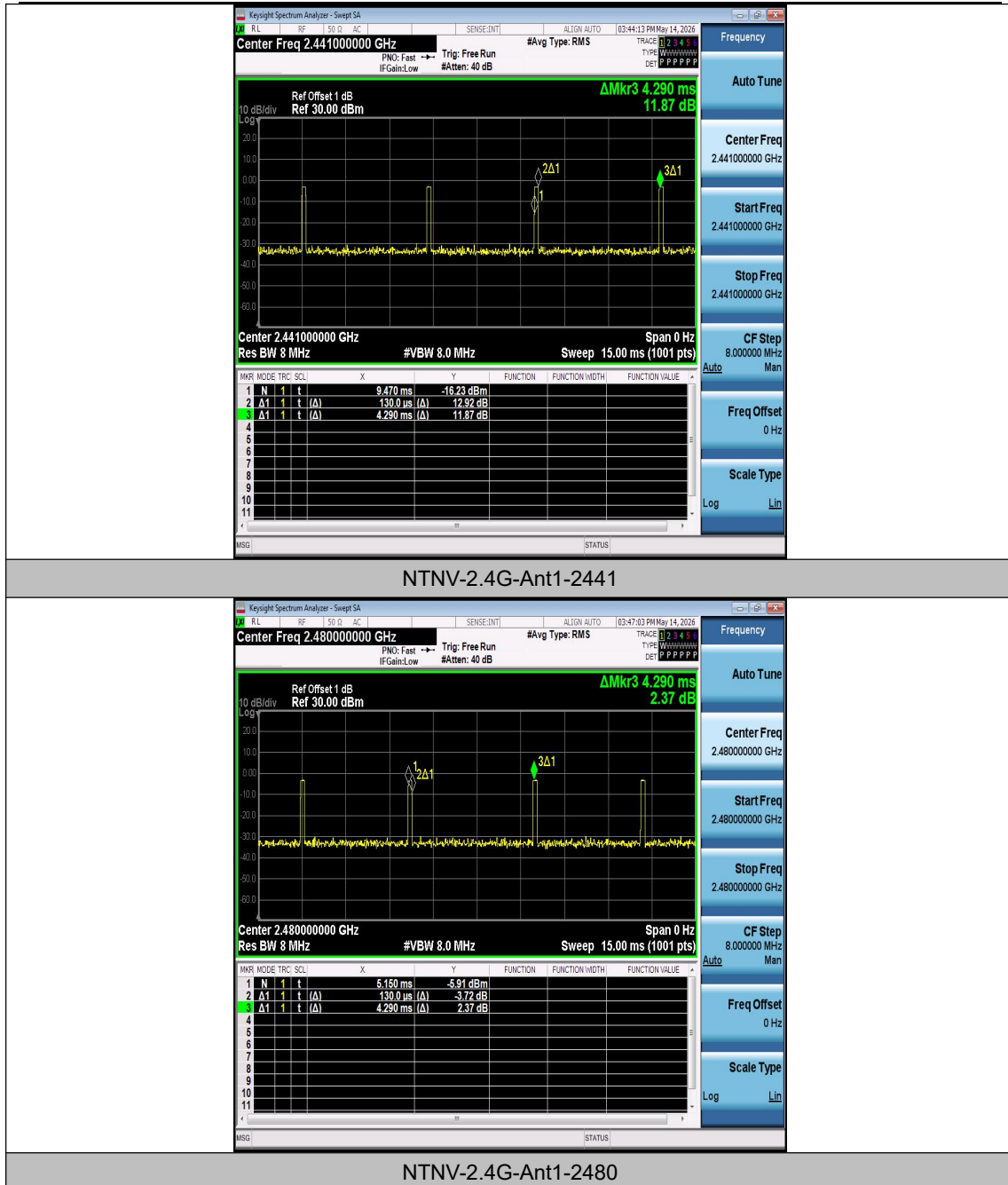
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.13	4.29	3.03	15.19
2.4G	Ant1	2441	0.13	4.29	3.03	15.19
2.4G	Ant1	2480	0.13	4.29	3.03	15.19

Test Graphs





---End---