

Appendix Test Data

Report No.:	1812C60102412502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-7	Finish Test Date:	2026-2-7
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	20.1℃	Relative Humidity:	58%
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	2.178	2401.986	2404.164	---	---
2.4G	Ant1	2441	2.178	2439.986	2442.164	---	---
2.4G	Ant1	2480	2.118	2478.998	2481.116	---	---

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	2.1226	2401.9897	2404.1123	---	---
2.4G	Ant1	2441	2.1701	2439.9713	2442.1414	---	---
2.4G	Ant1	2480	2.1107	2478.9939	2481.1046	---	---

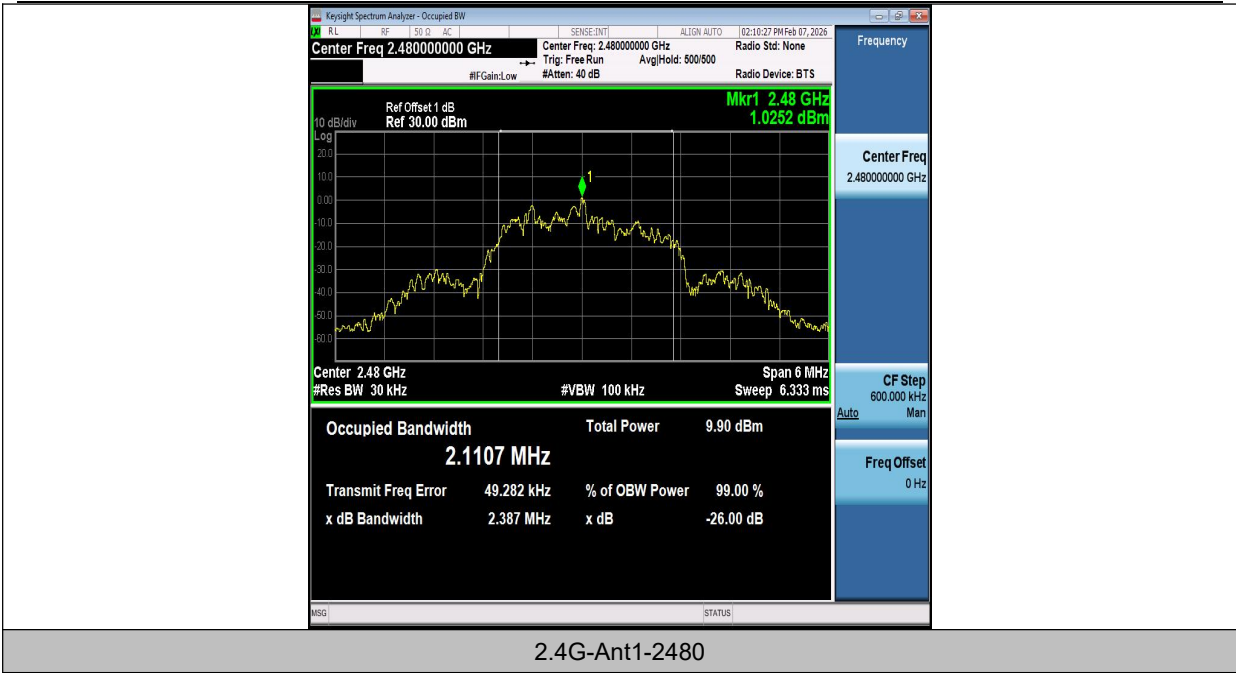
Test Graphs



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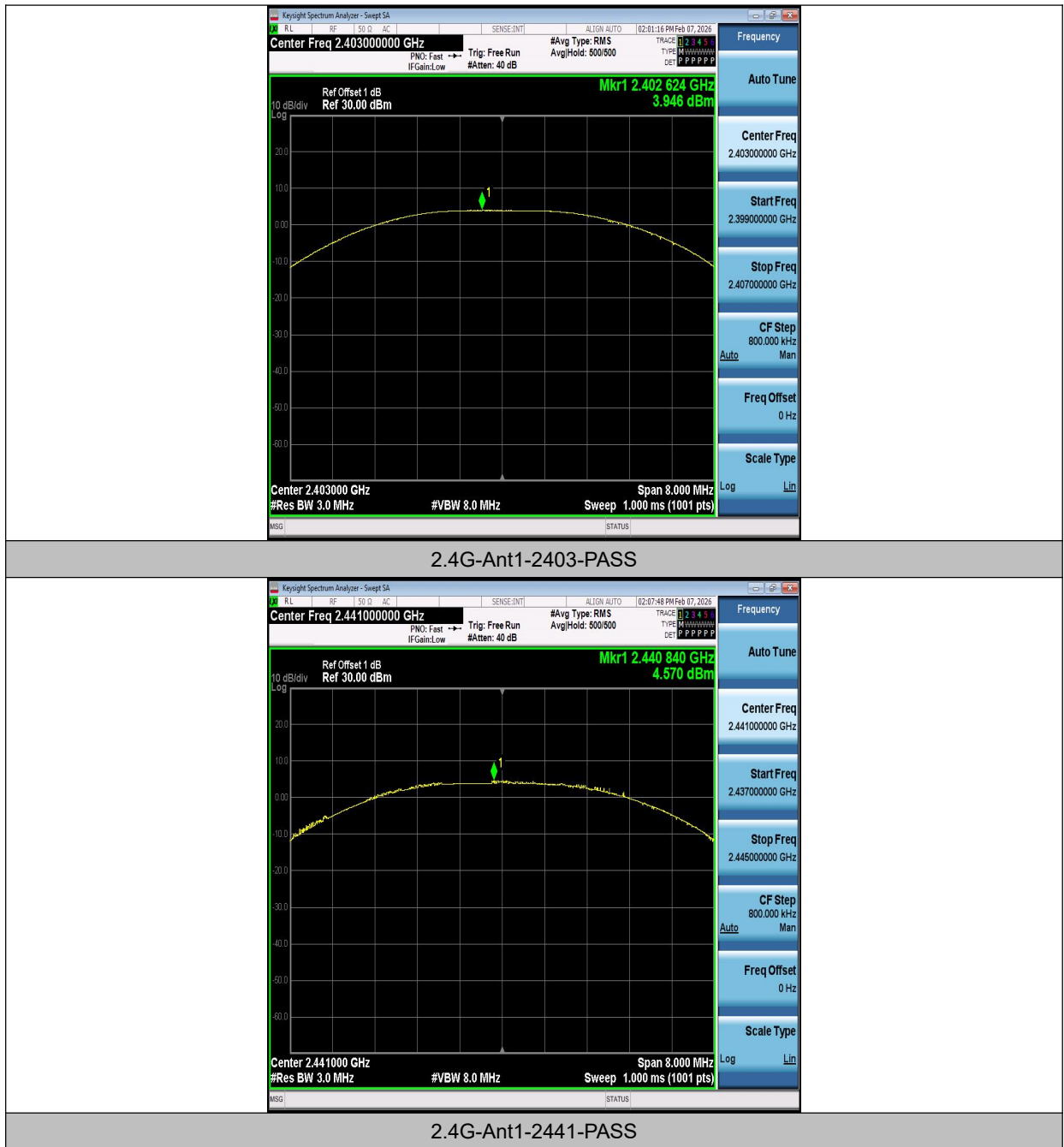
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	3.95	≤20.97	PASS
2.4G	Ant1	2441	4.57	≤20.97	PASS
2.4G	Ant1	2480	3.71	≤20.97	PASS

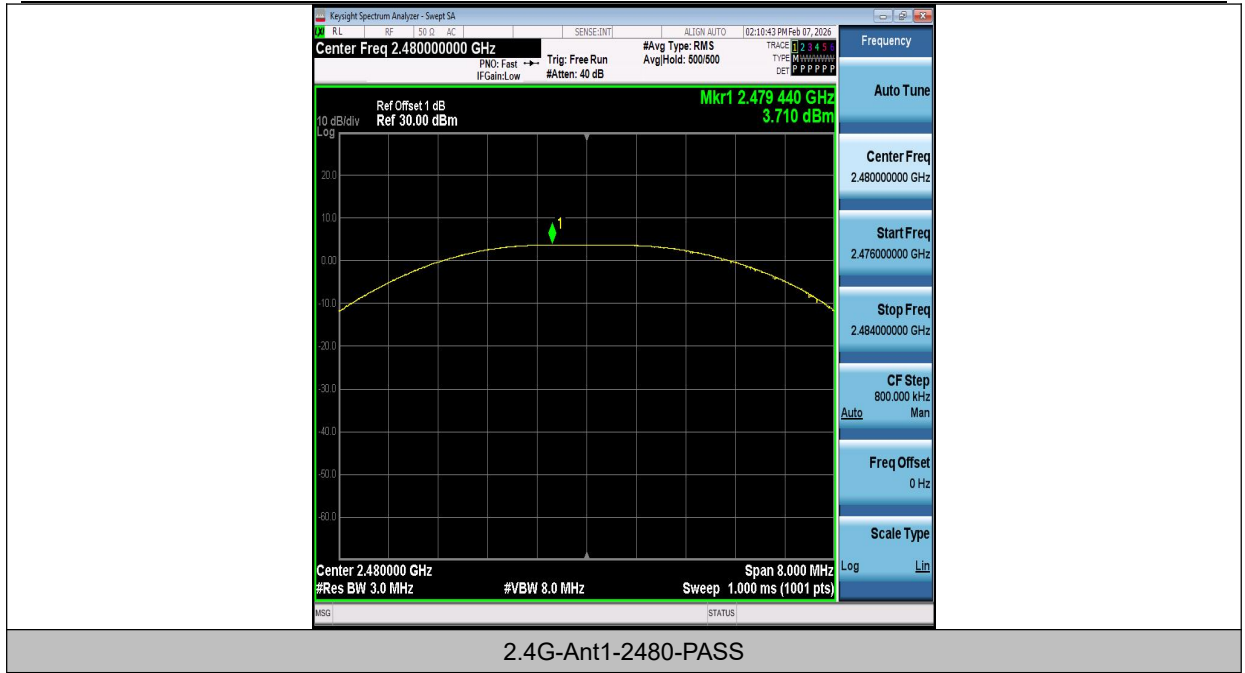
Test Graphs



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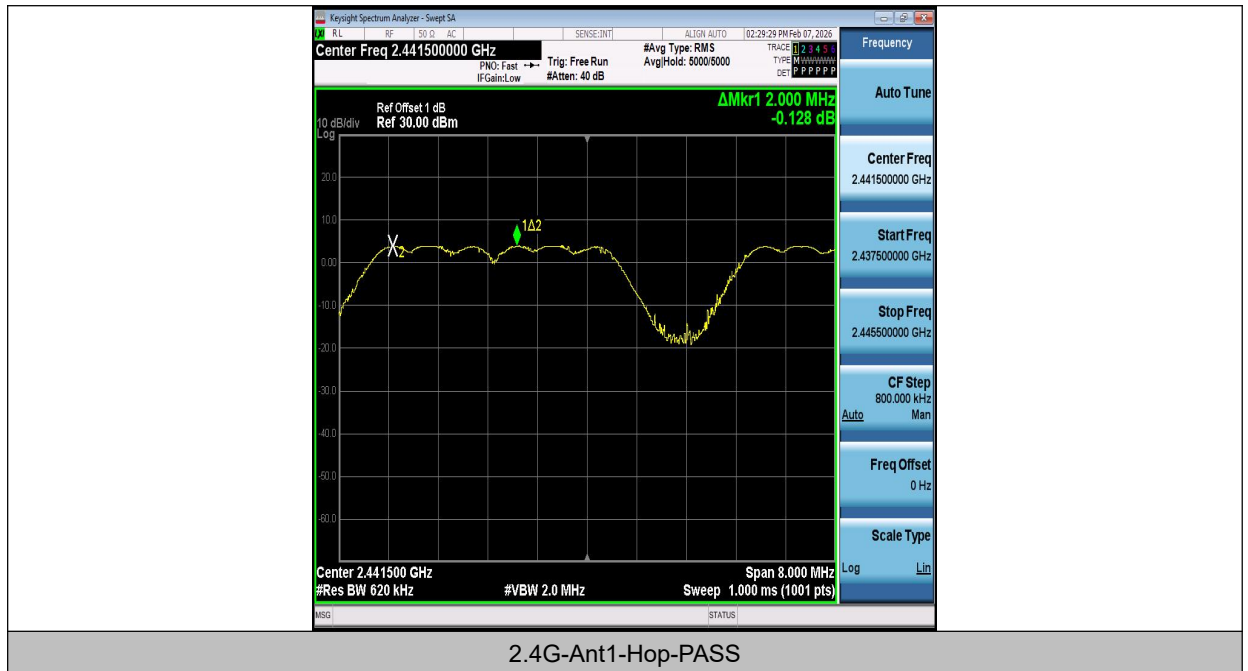
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	ANT1	Hop	2.000	>1.452	PASS

Only record the worst data in the report.

Test Graphs



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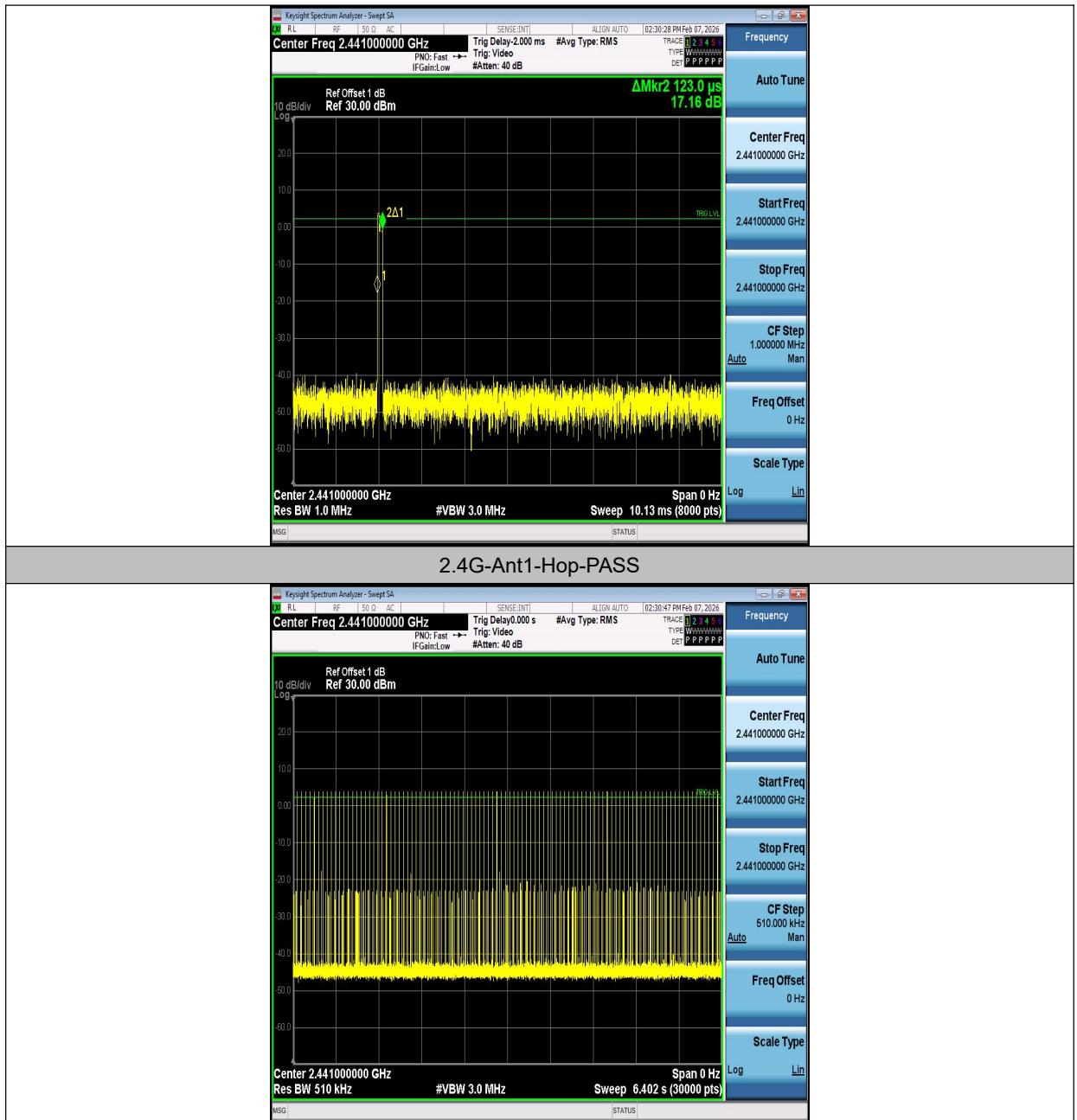
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.123	498.6875	0.061	≤0.4	PASS

Test Graphs



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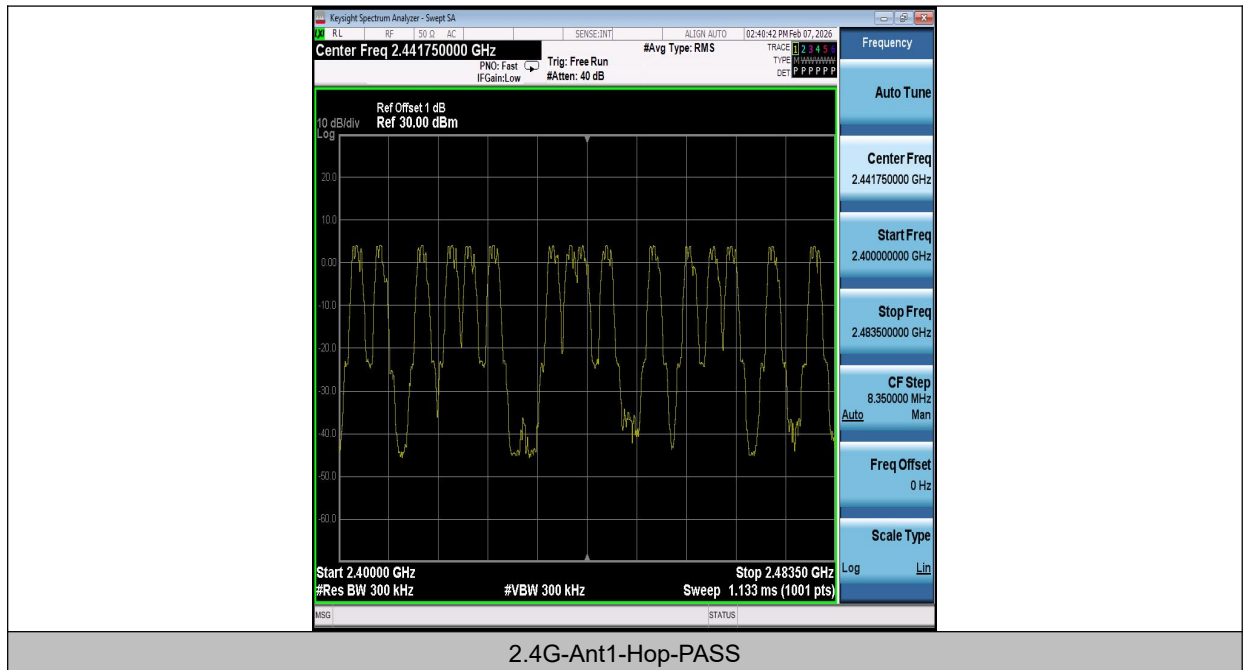
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs



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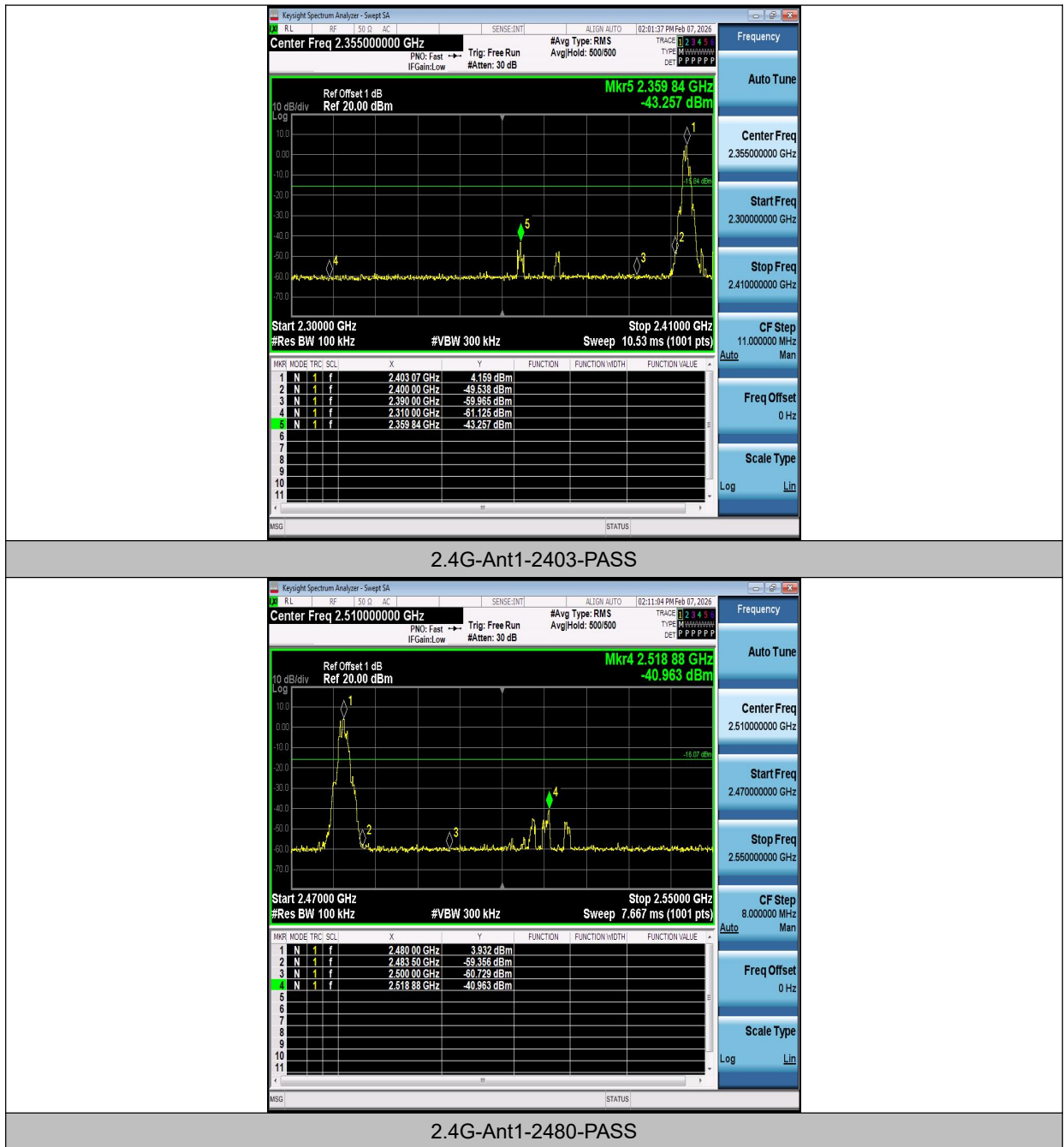
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	4.16	-43.26	≤ -15.84	PASS
2.4G	Ant1	High	2480	3.93	-40.96	≤ -16.07	PASS
2.4G	Ant1	Low	Hop	3.82	-39.51	≤ -16.18	PASS
2.4G	Ant1	High	Hop	3.83	-39.75	≤ -16.17	PASS

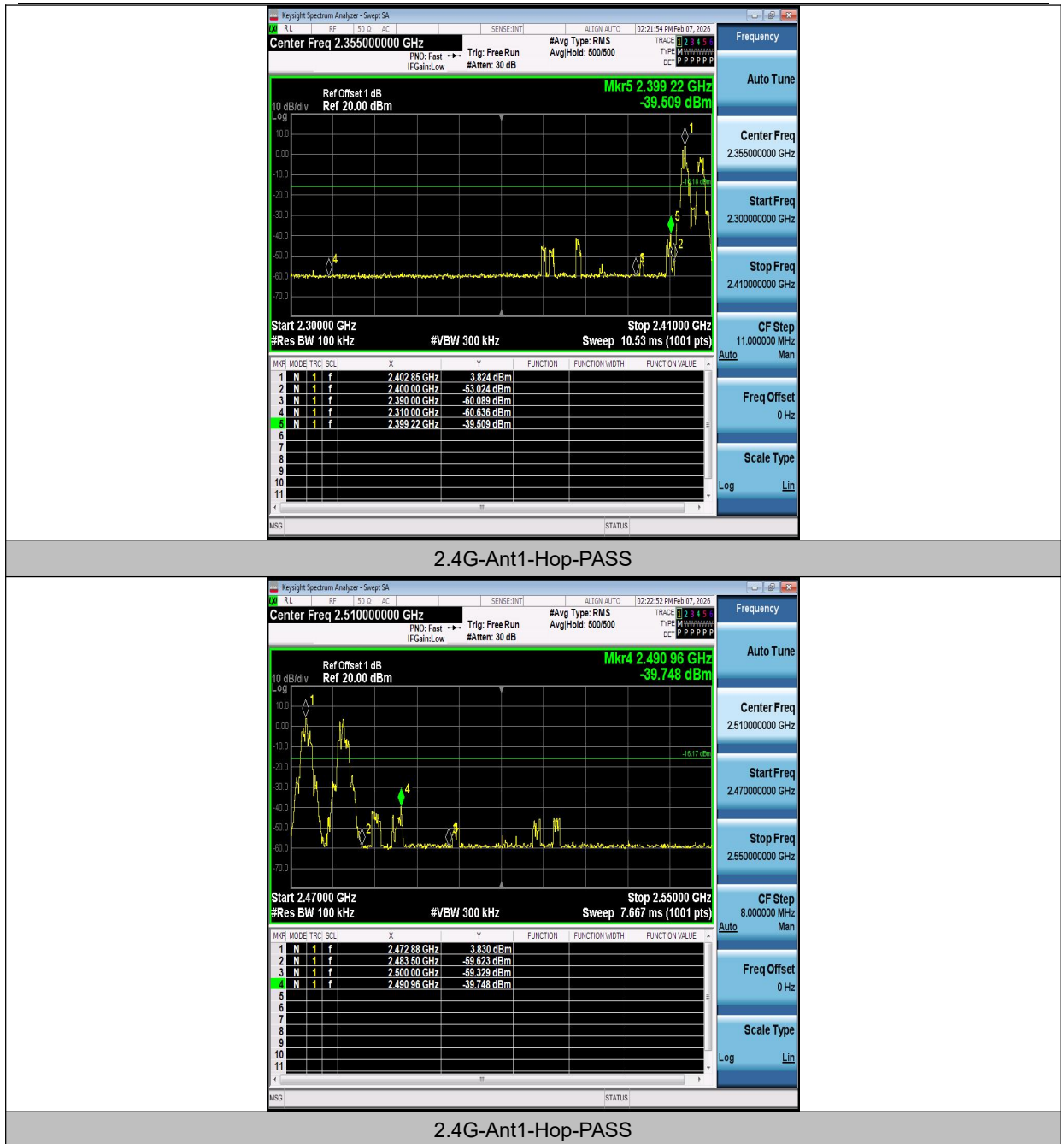
Test Graphs



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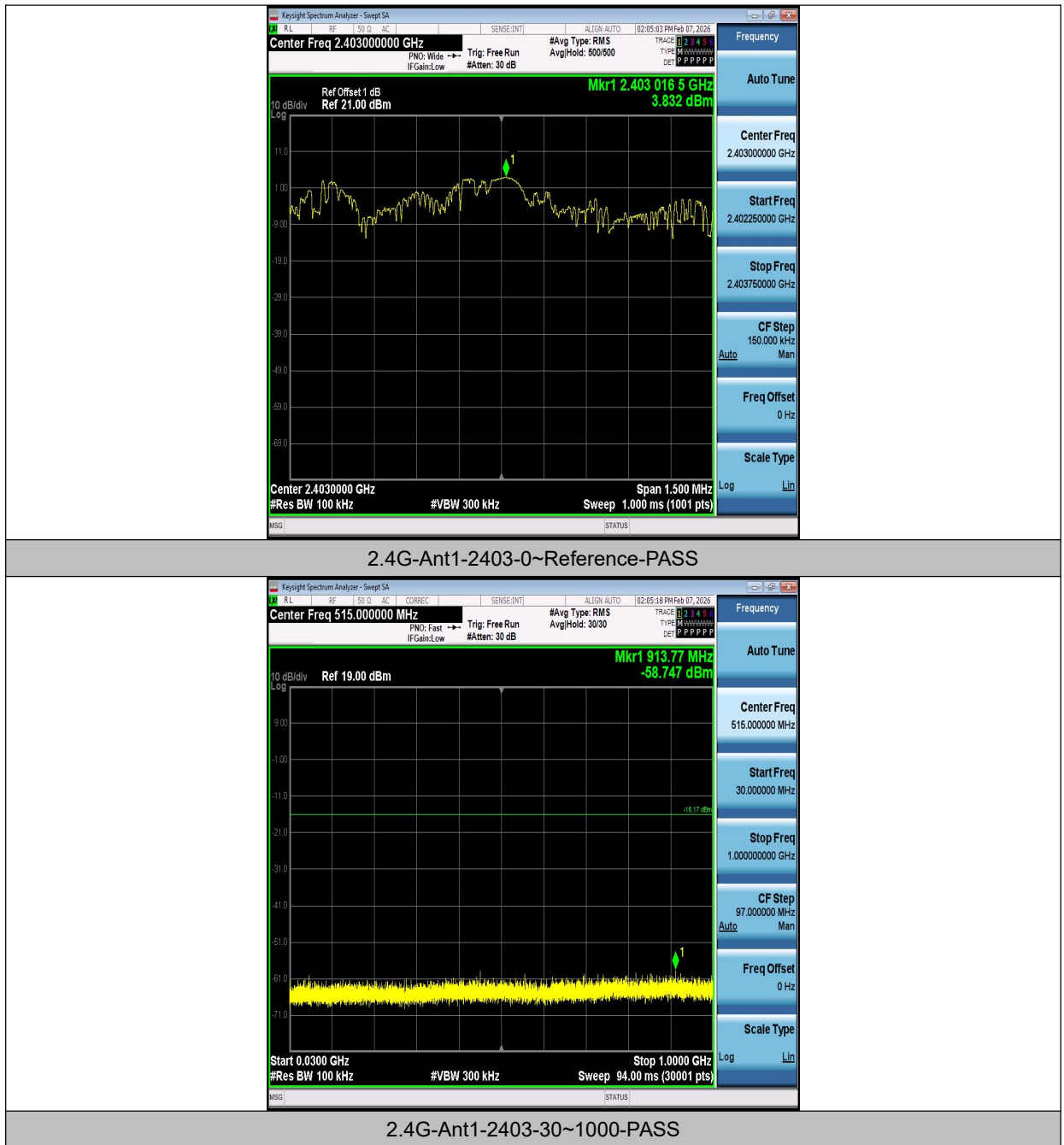
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	3.83	3.83	---	PASS
2.4G	Ant1	2403	30~1000	3.83	-58.75	≤-16.17	PASS
2.4G	Ant1	2403	1000~26500	3.83	-44.02	≤-16.17	PASS
2.4G	Ant1	2441	0~Reference	3.72	3.72	---	PASS
2.4G	Ant1	2441	30~1000	3.72	-59.53	≤-16.28	PASS
2.4G	Ant1	2441	1000~26500	3.72	-46.4	≤-16.28	PASS
2.4G	Ant1	2480	0~Reference	3.57	3.57	---	PASS
2.4G	Ant1	2480	30~1000	3.57	-58.44	≤-16.43	PASS
2.4G	Ant1	2480	1000~26500	3.57	-49.13	≤-16.43	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.

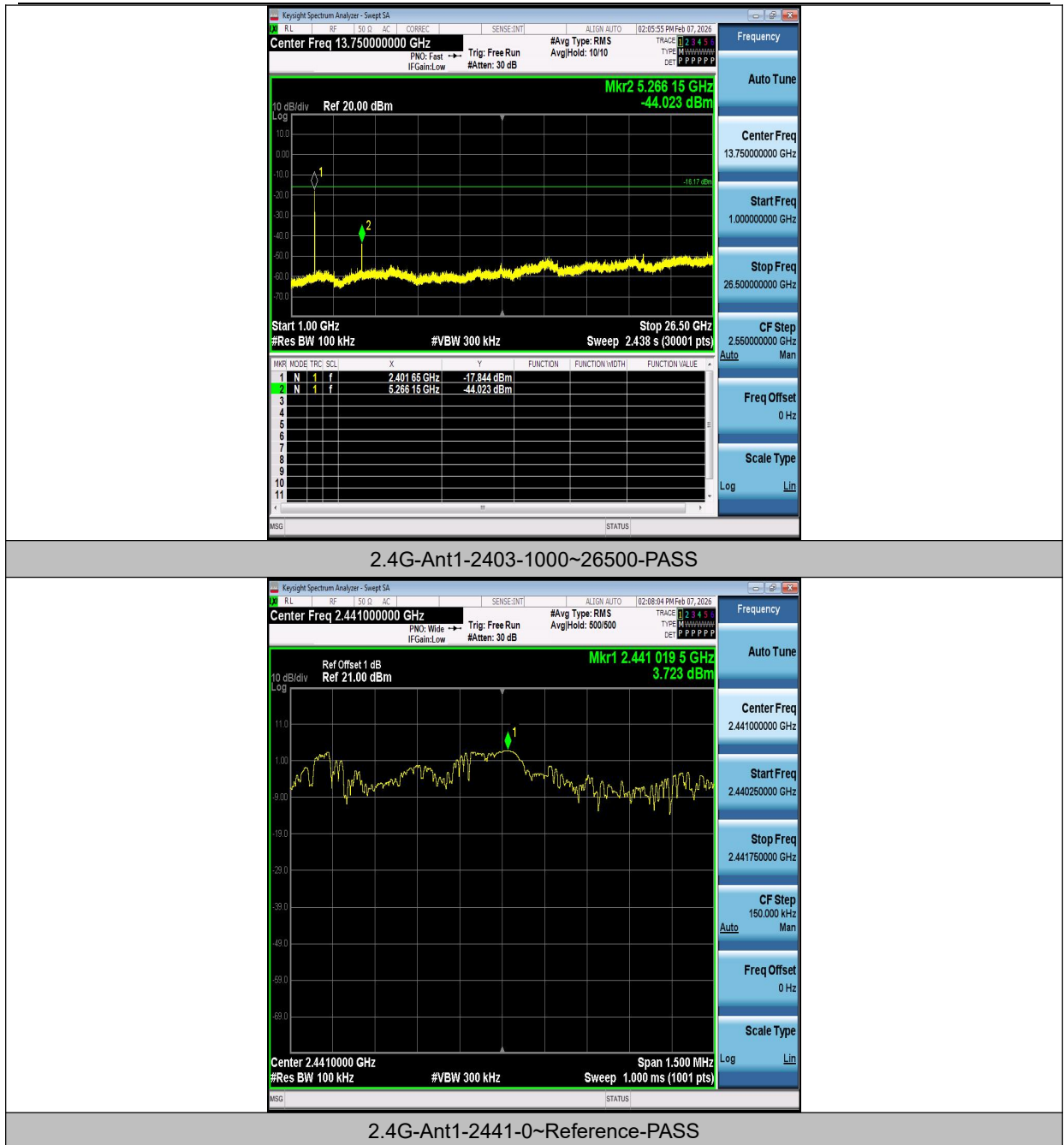
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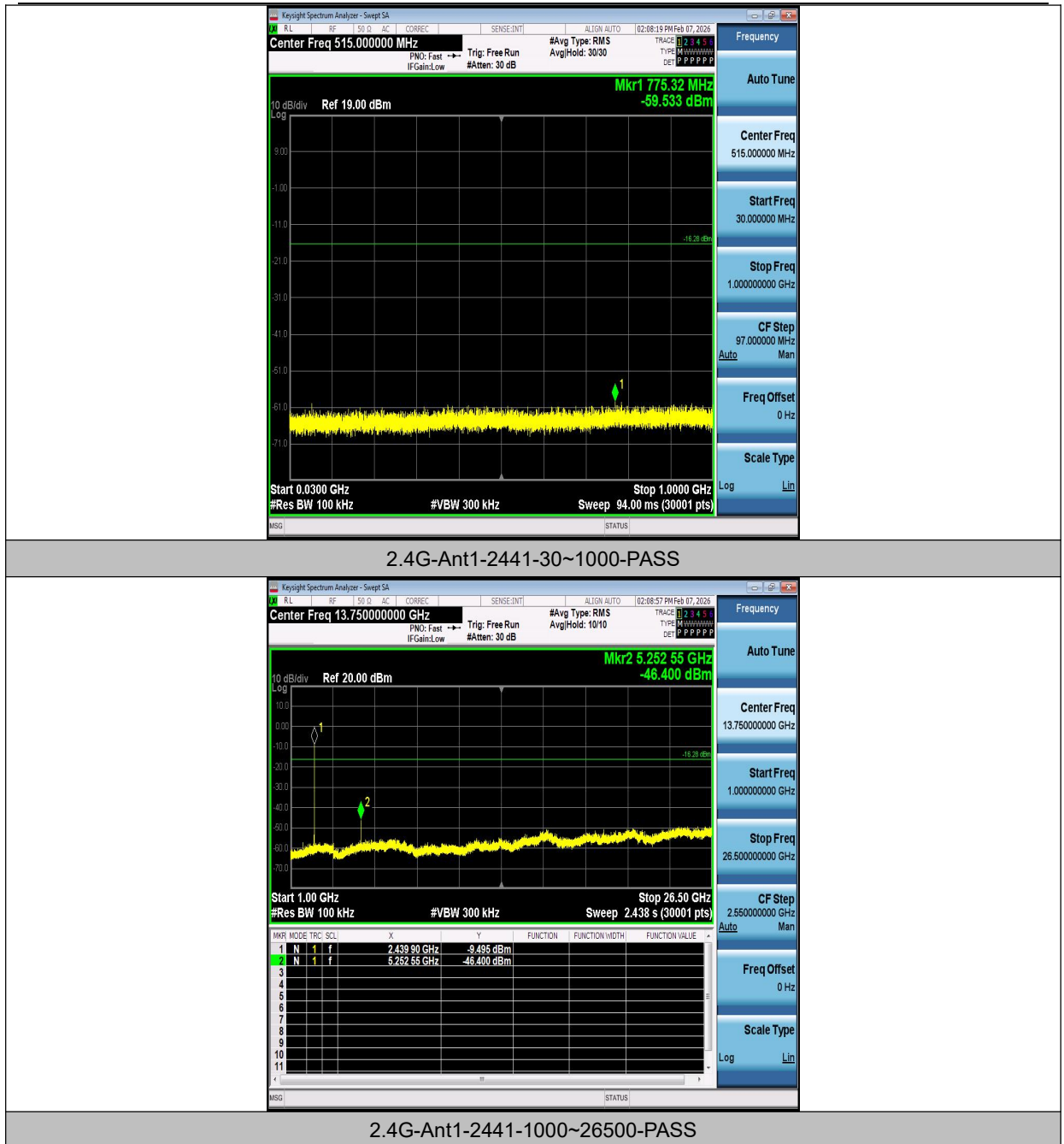
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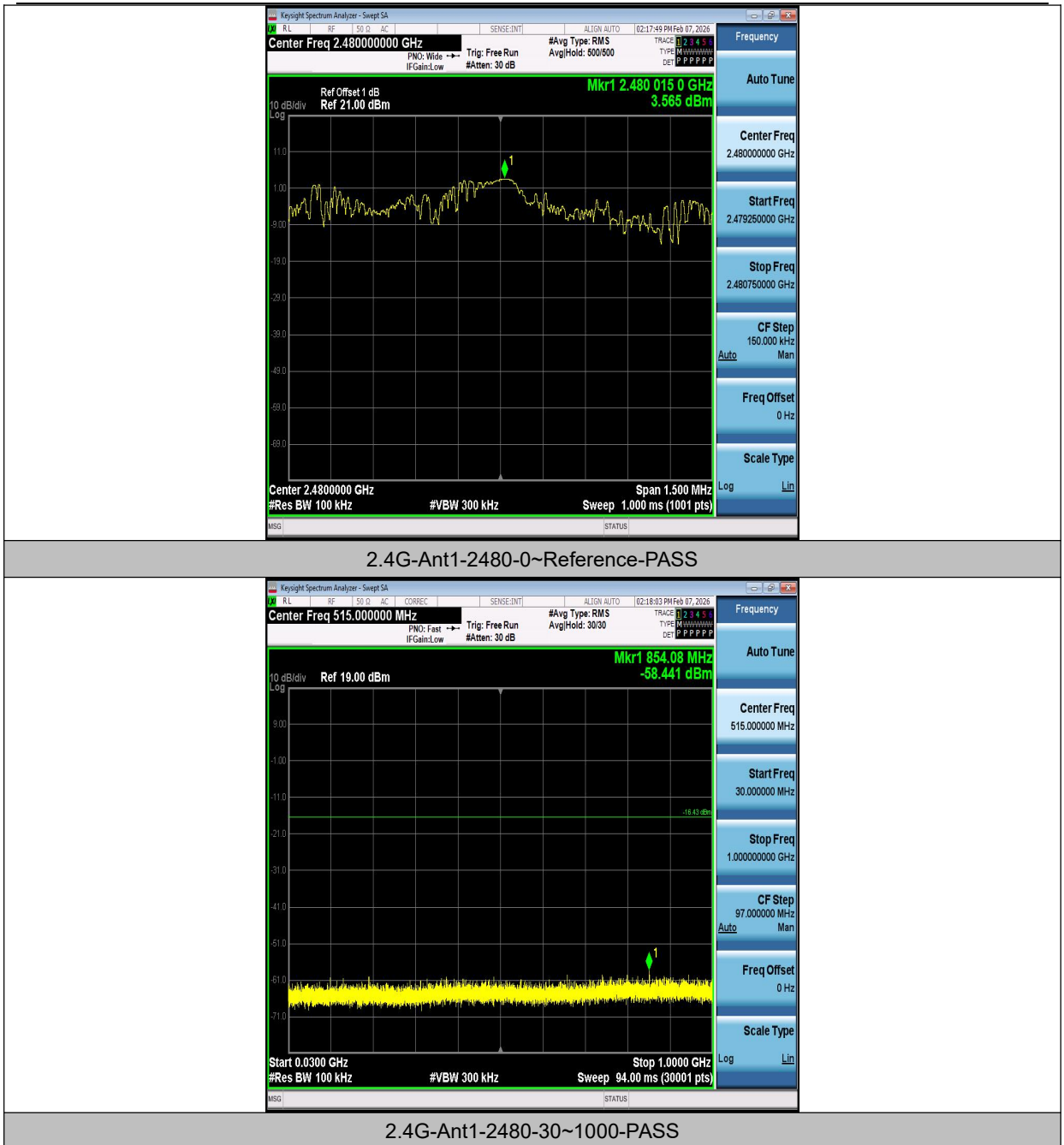
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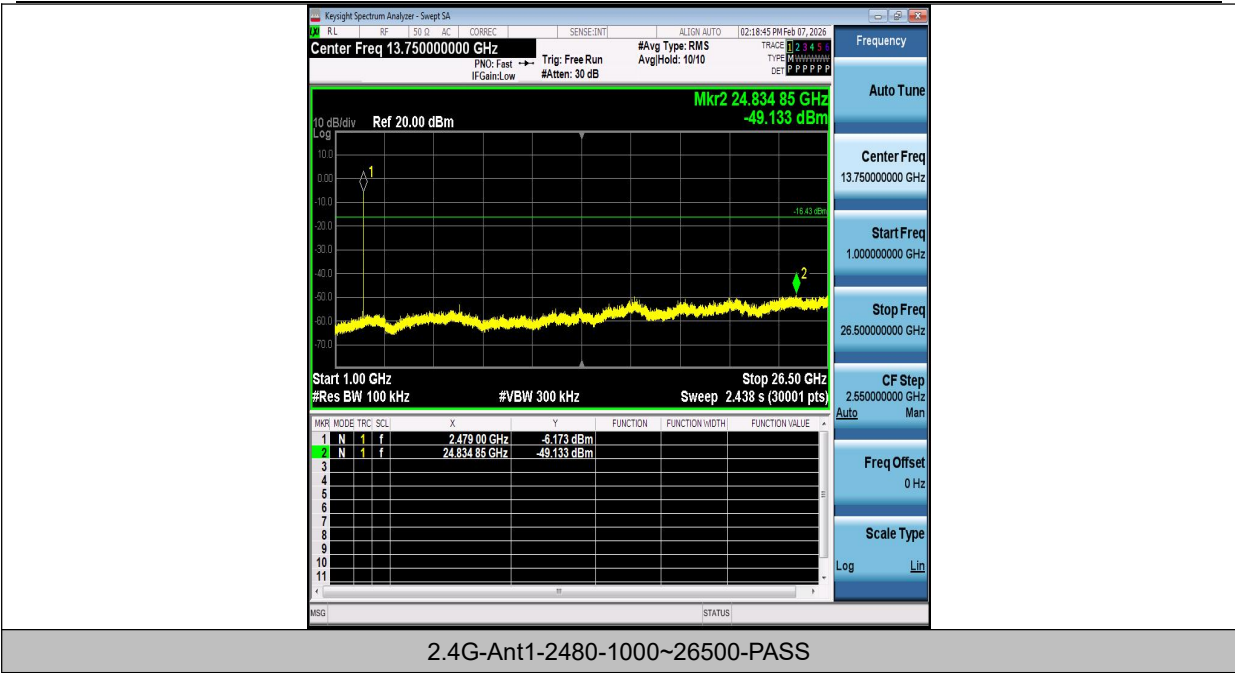
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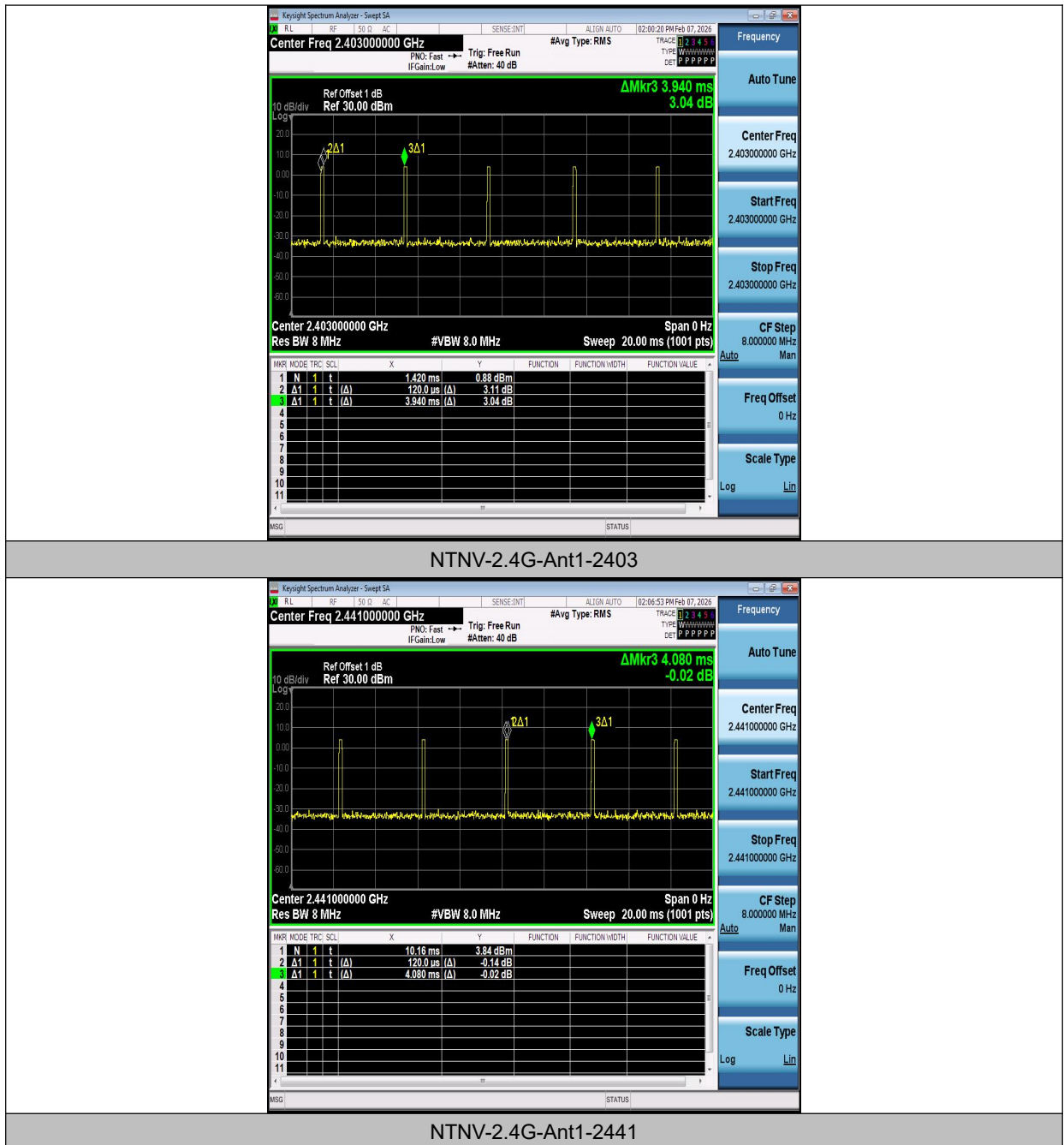
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	3.94	3.05	15.16
2.4G	Ant1	2441	0.12	4.08	2.94	15.32
2.4G	Ant1	2480	0.12	3.94	3.05	15.16

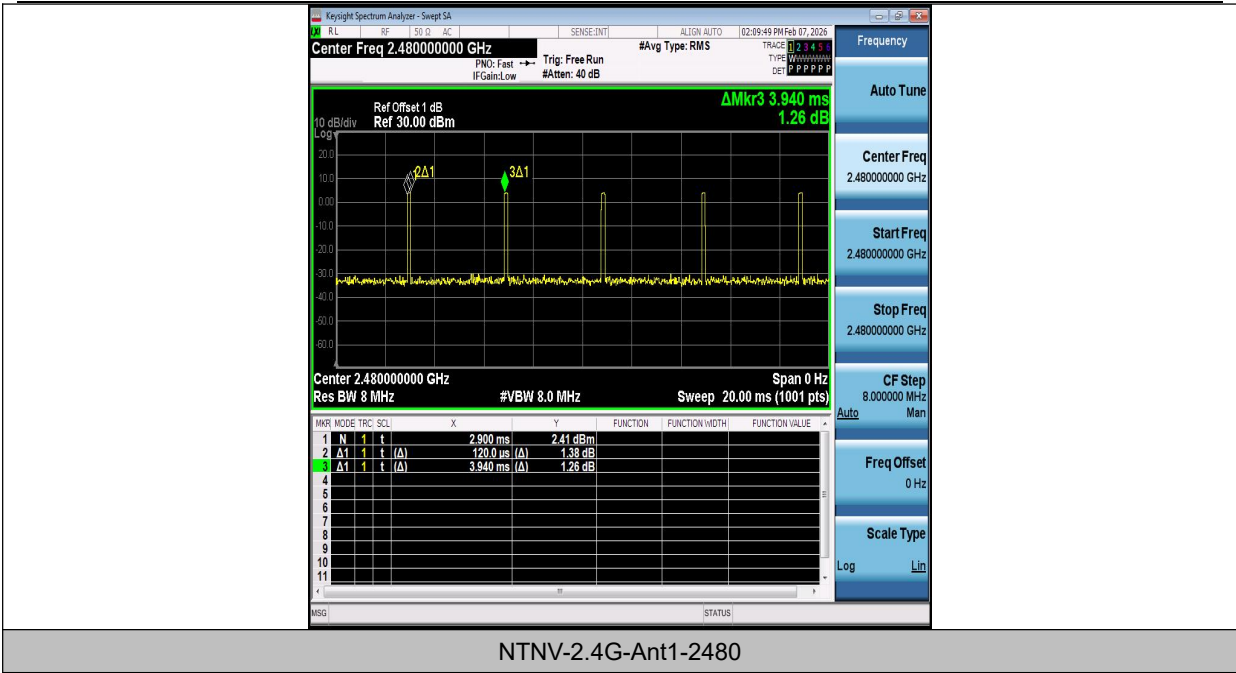
Test Graphs



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