

Appendix Test Data

Report No.:	1812C60178012502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-1	Finish Test Date:	2026-4-14
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.1°C	Relative Humidity:	60%
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	2405	1.854	2404.022	2405.876	---	---
2.4G	Ant1	2452	1.860	2451.010	2452.870	---	---
2.4G	Ant1	2480	1.860	2479.010	2480.870	---	---

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	2405	1.9539	2404.0141	2405.9680	---	---
2.4G	Ant1	2452	1.9532	2451.0129	2452.9661	---	---
2.4G	Ant1	2480	1.9699	2479.0073	2480.9772	---	---

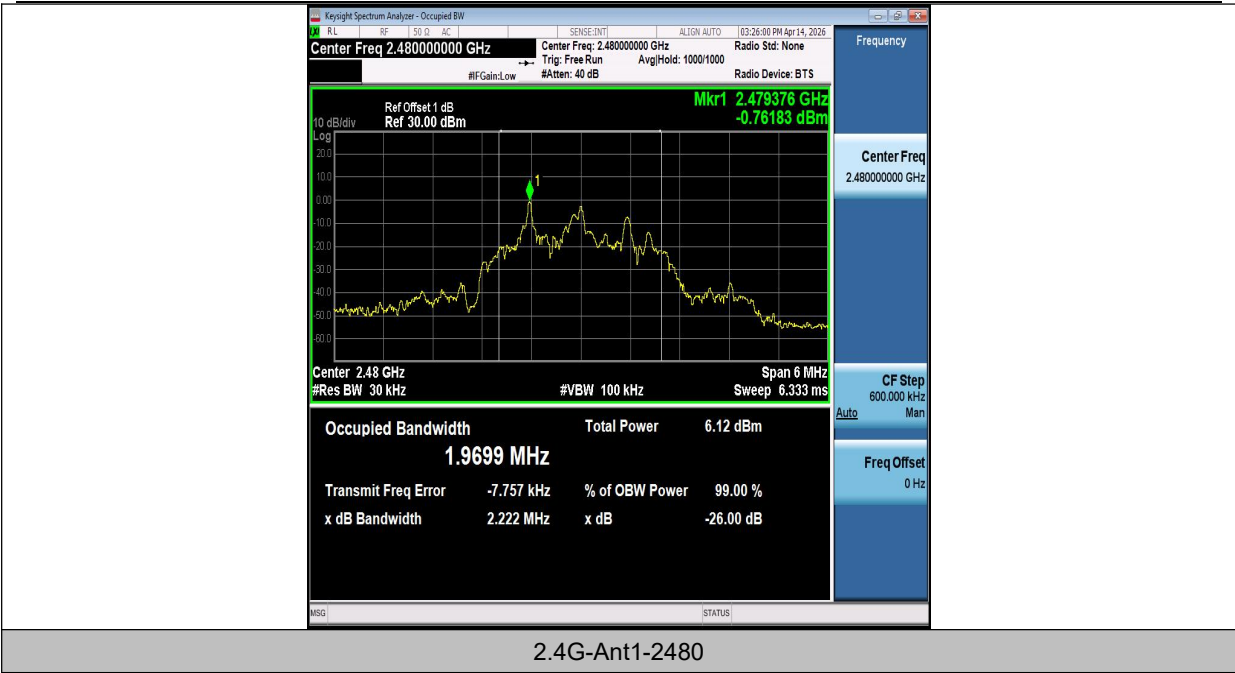
Test Graphs



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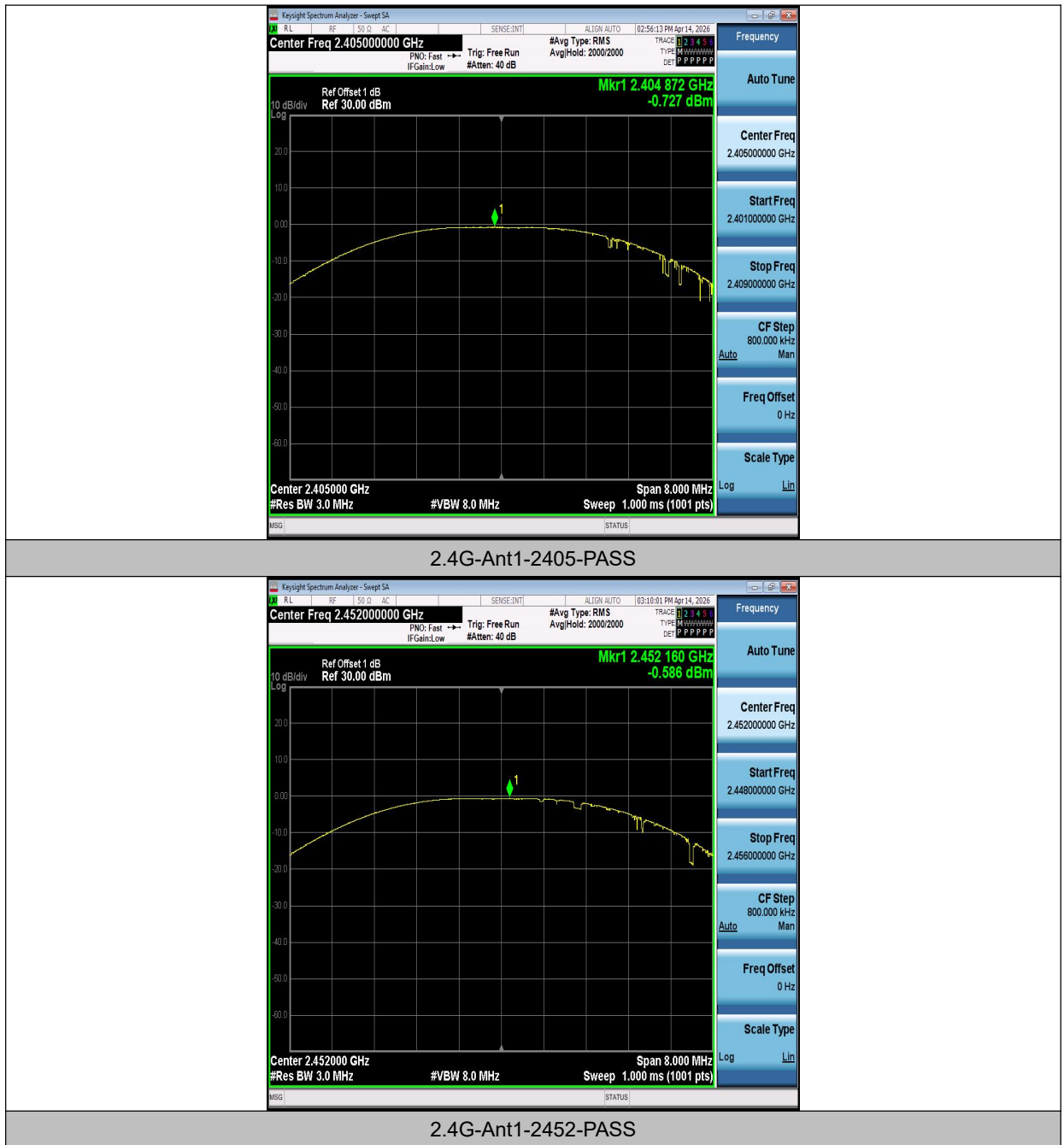
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2405	-0.73	≤20.97	PASS
2.4G	Ant1	2452	-0.59	≤20.97	PASS
2.4G	Ant1	2480	-0.58	≤20.97	PASS

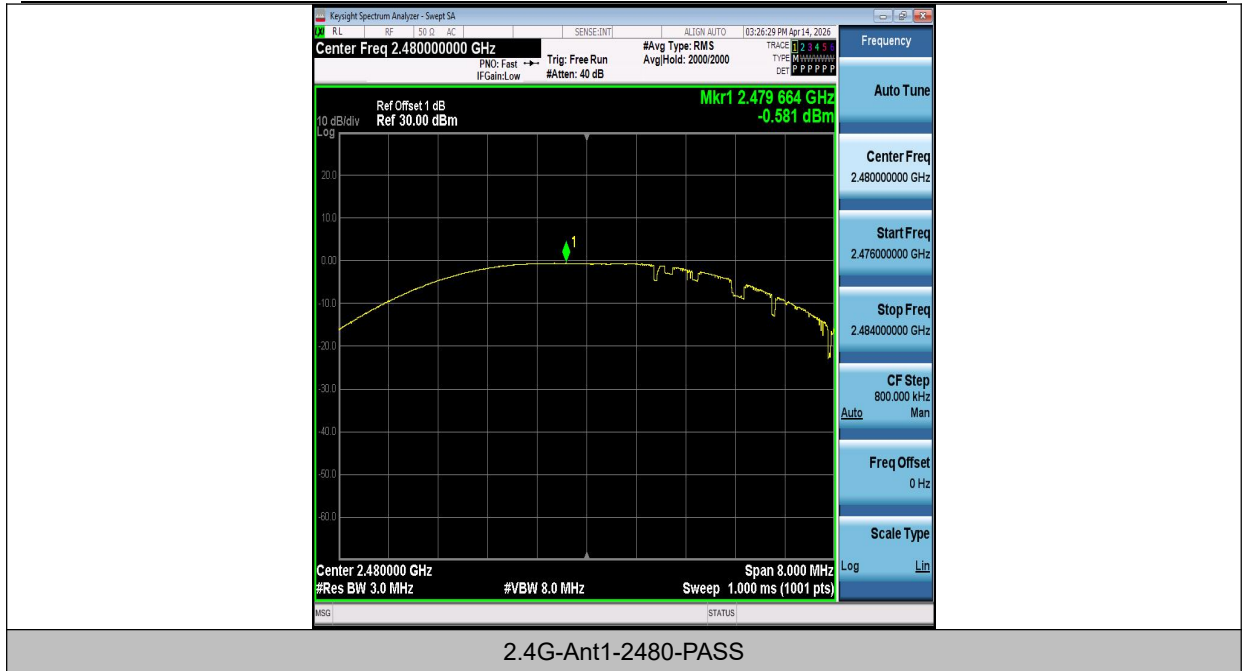
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	ANT1	Hop	2.000	>1.240	PASS

Note: Only record the worst data in the report.

Test Graphs

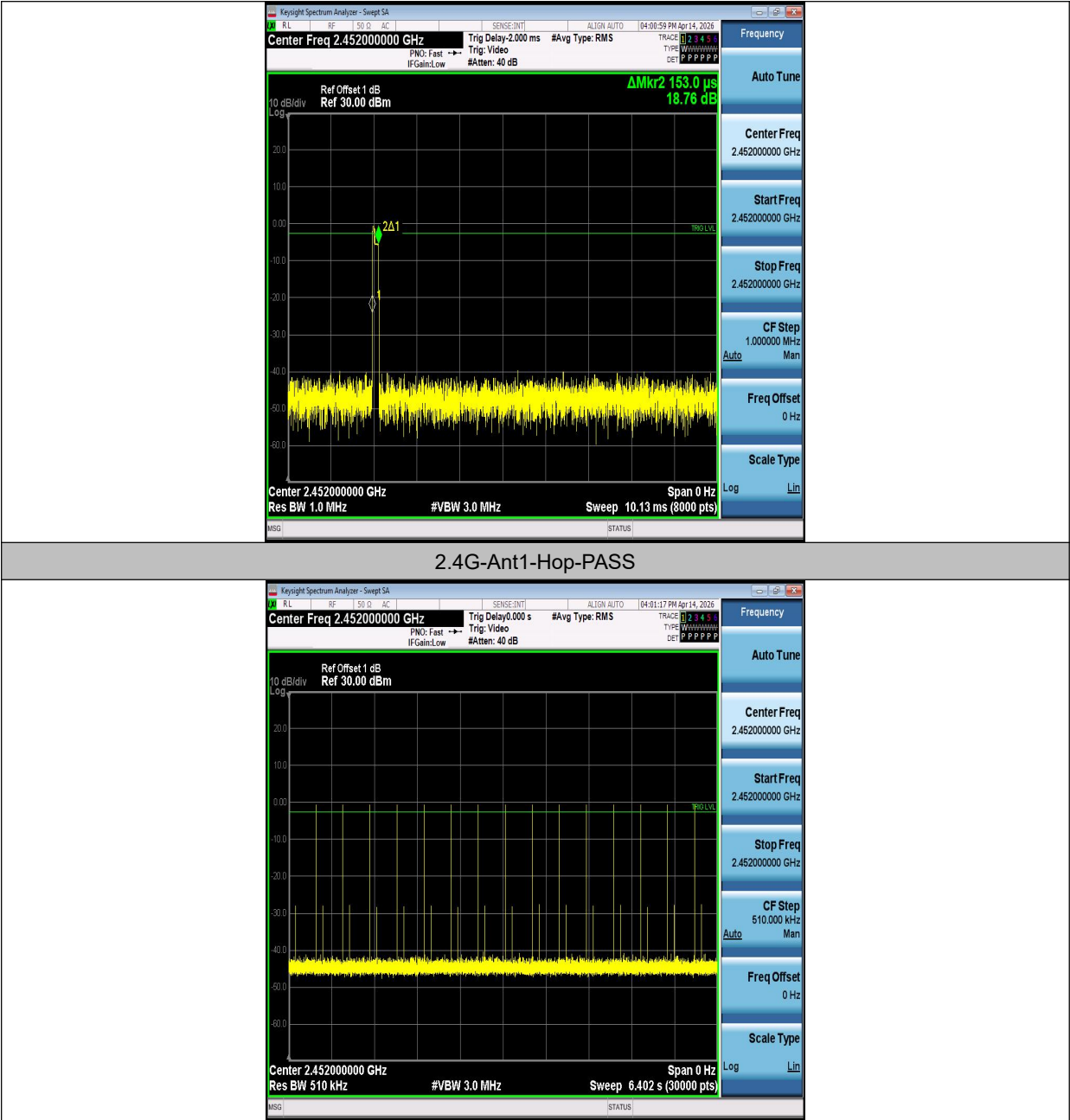


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.153	15	0.002	≤0.4	PASS

Test Graphs

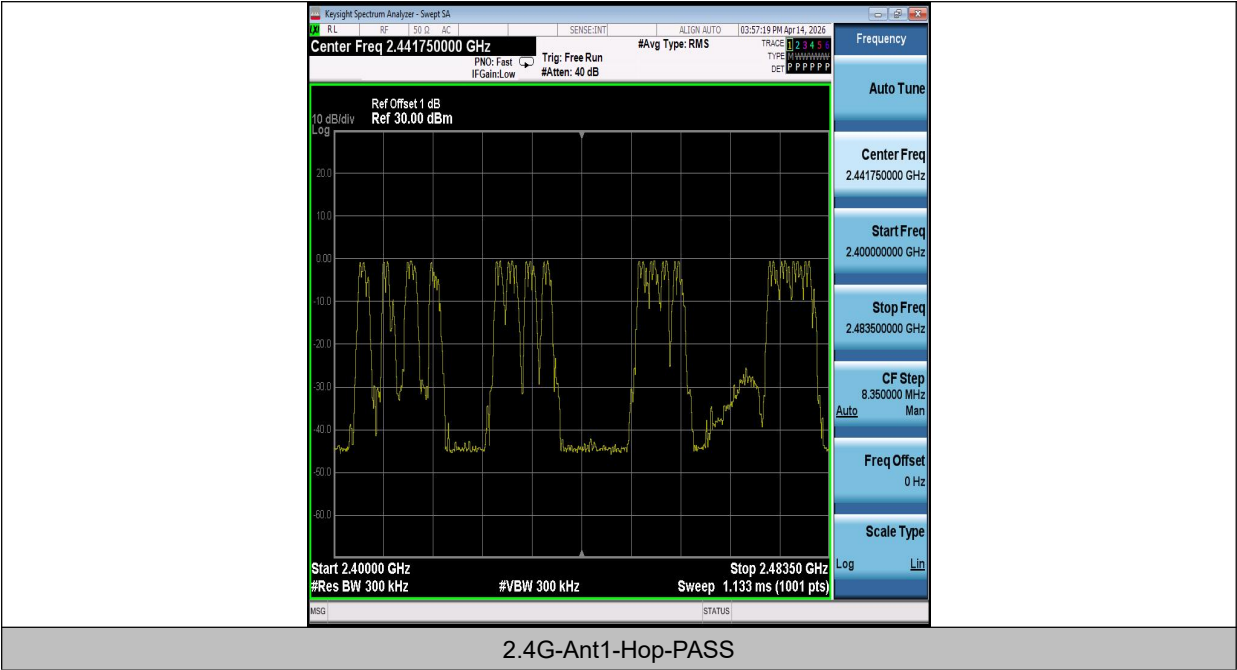


Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs

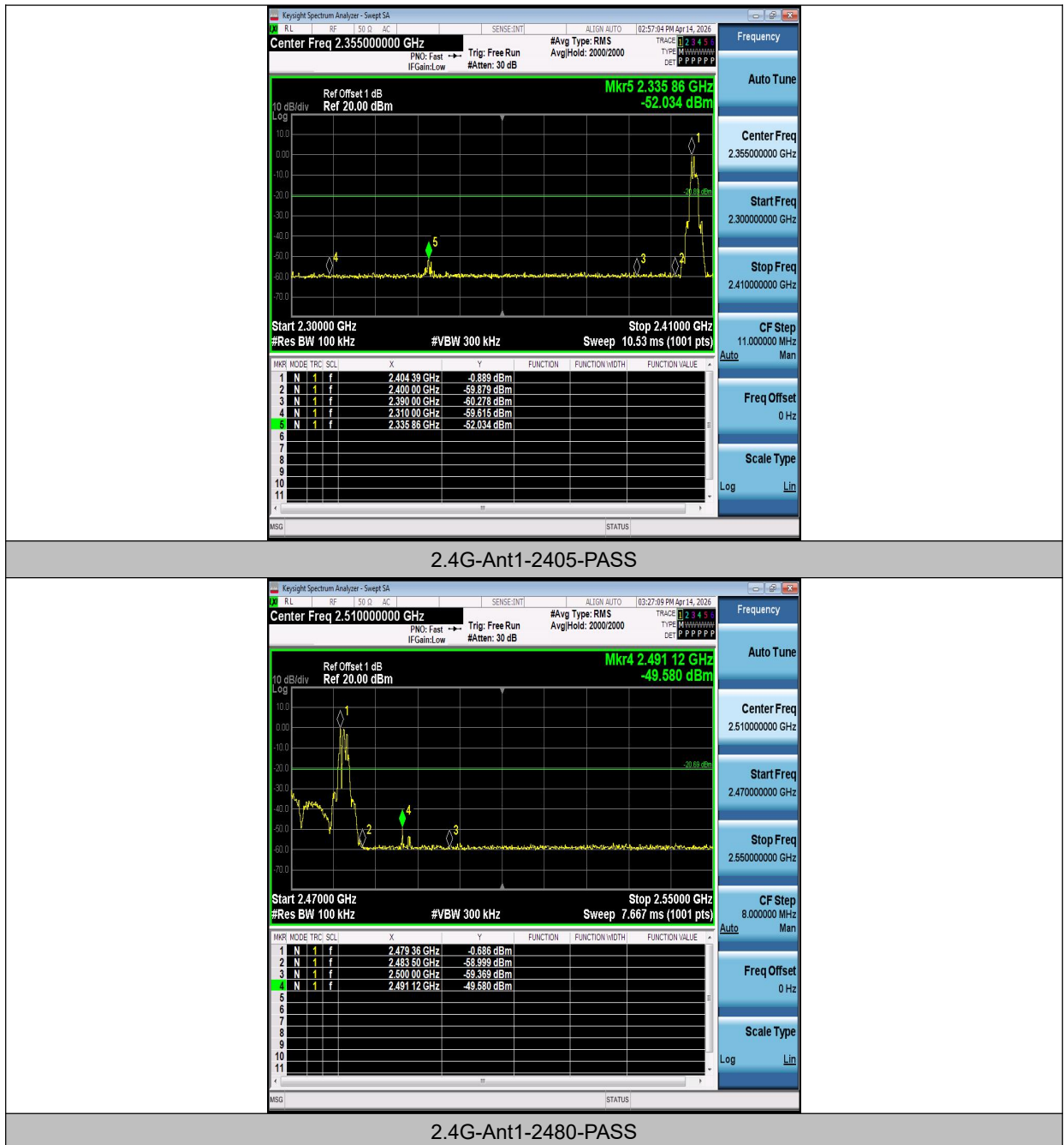


Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2405	-0.89	-52.03	≤ -20.89	PASS
2.4G	Ant1	High	2480	-0.69	-49.58	≤ -20.69	PASS
2.4G	Ant1	Low	Hop	-0.87	-52.61	≤ -20.87	PASS
2.4G	Ant1	High	Hop	-0.36	-30.97	≤ -20.36	PASS

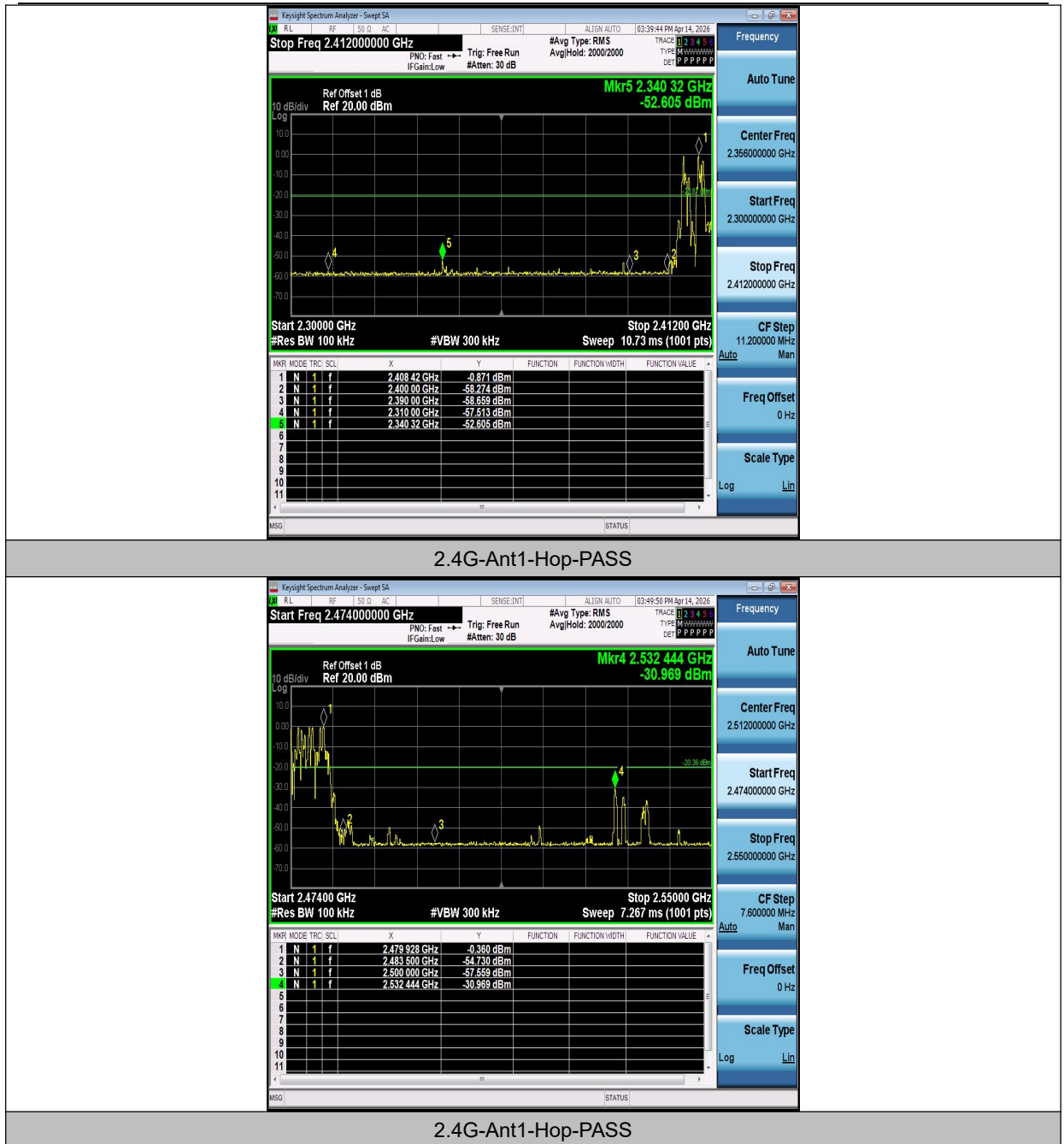
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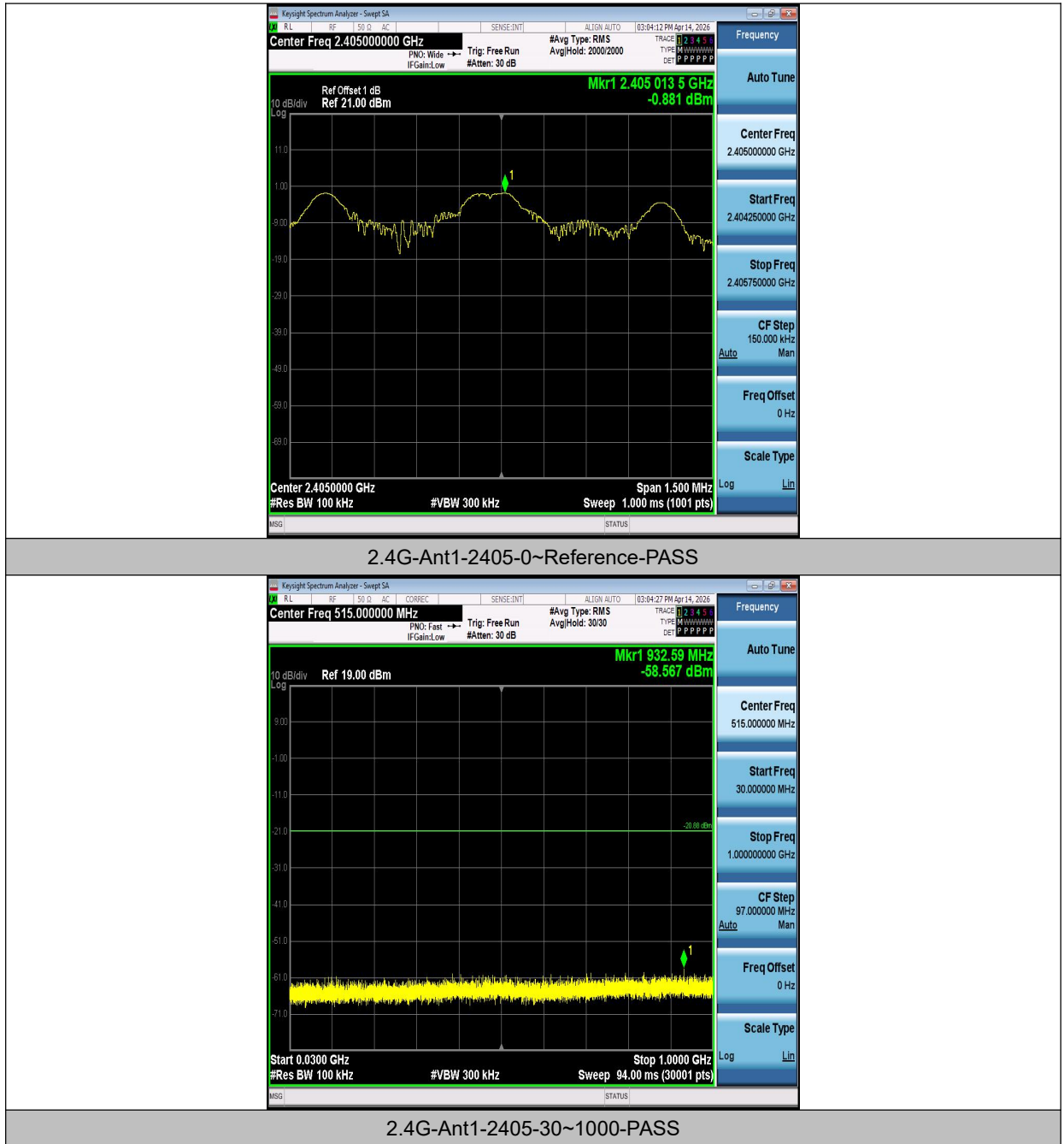
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2405	0~Reference	-0.88	-0.88	---	PASS
2.4G	Ant1	2405	30~1000	-0.88	-58.57	≤-20.88	PASS
2.4G	Ant1	2405	1000~26500	-0.88	-35.74	≤-20.88	PASS
2.4G	Ant1	2452	0~Reference	-0.73	-0.73	---	PASS
2.4G	Ant1	2452	30~1000	-0.73	-59.1	≤-20.73	PASS
2.4G	Ant1	2452	1000~26500	-0.73	-47.28	≤-20.73	PASS
2.4G	Ant1	2480	0~Reference	-0.72	-0.72	---	PASS
2.4G	Ant1	2480	30~1000	-0.72	-58.8	≤-20.72	PASS
2.4G	Ant1	2480	1000~26500	-0.72	-48.21	≤-20.72	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.

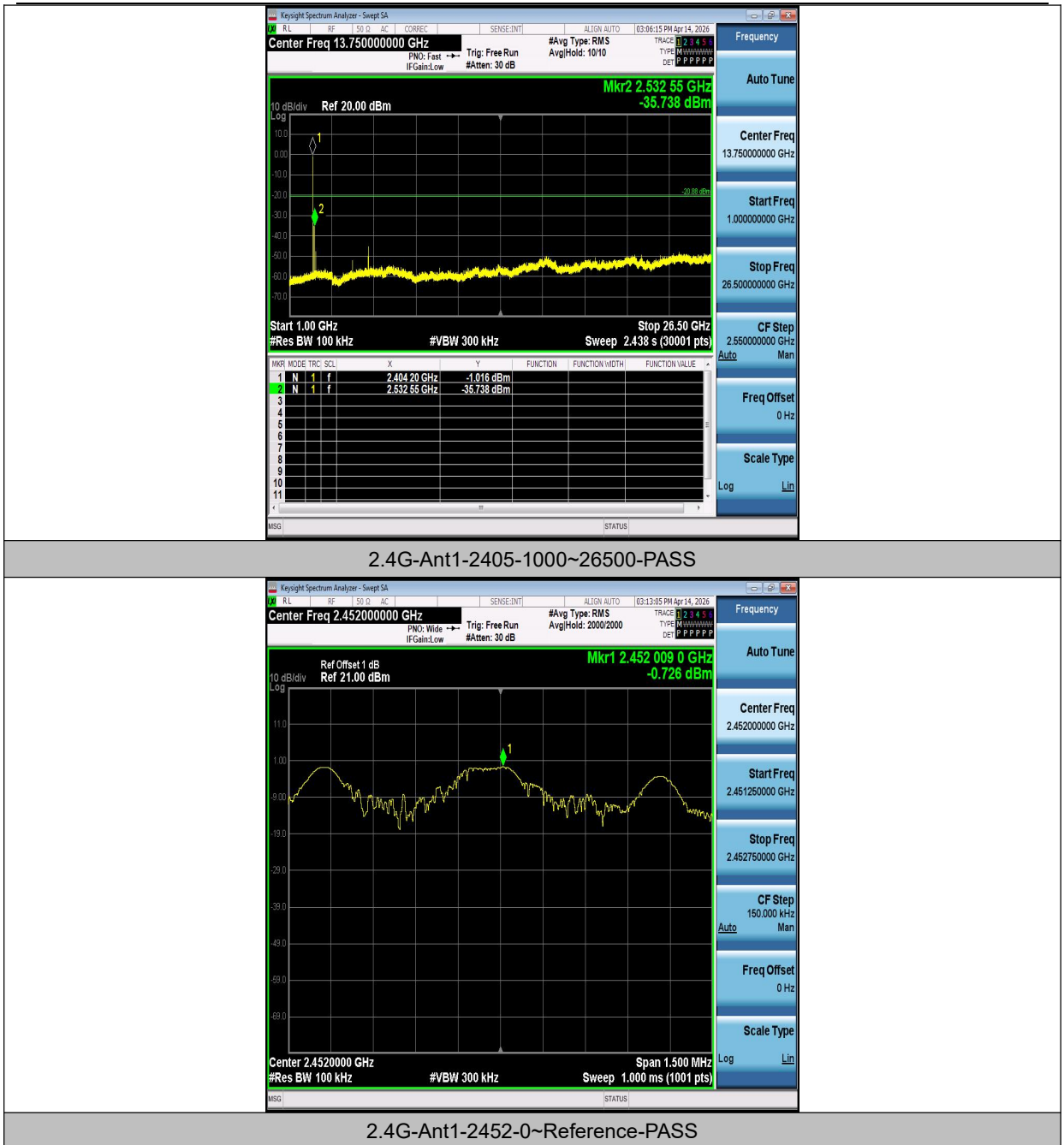
Test Graphs



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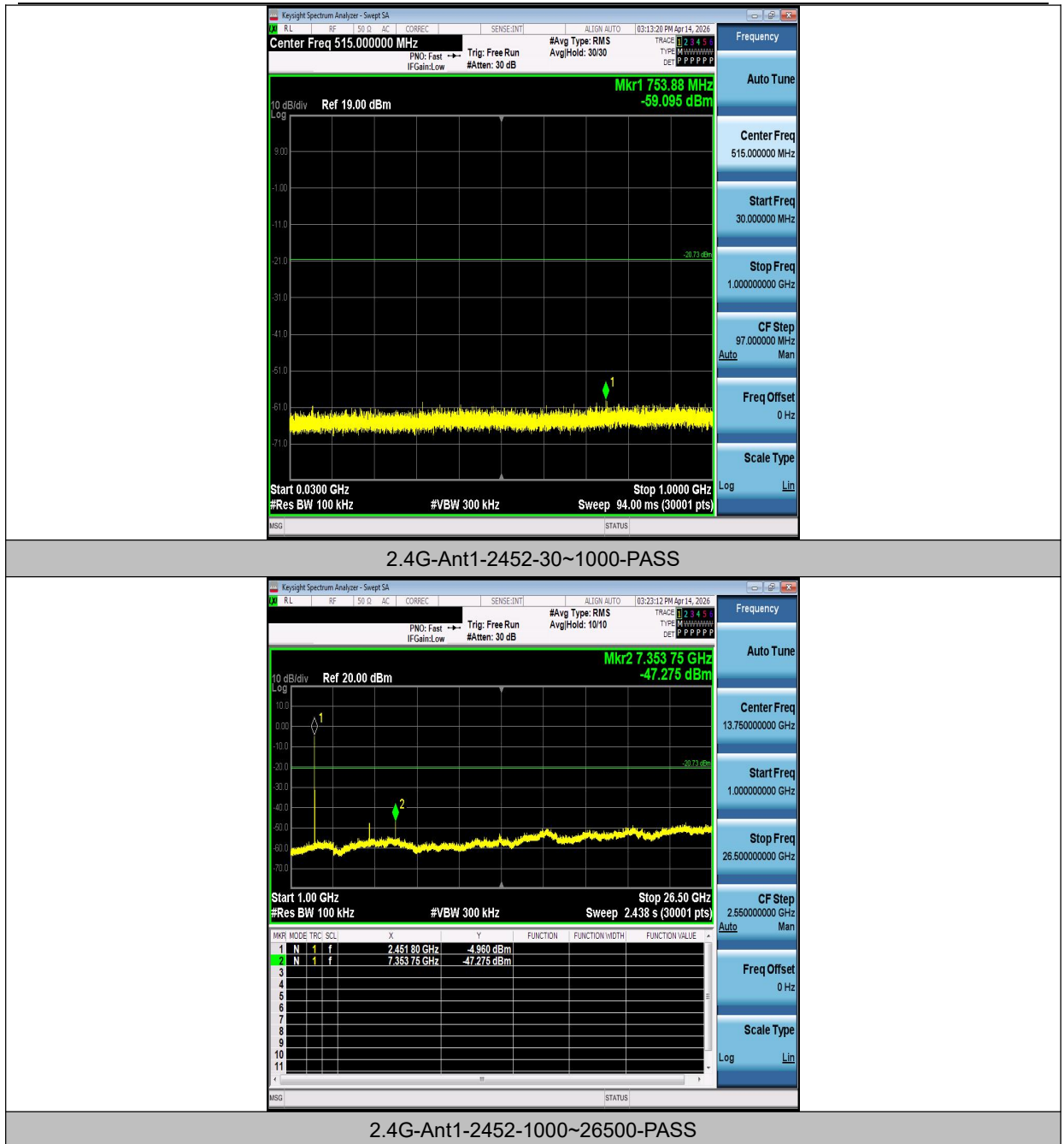
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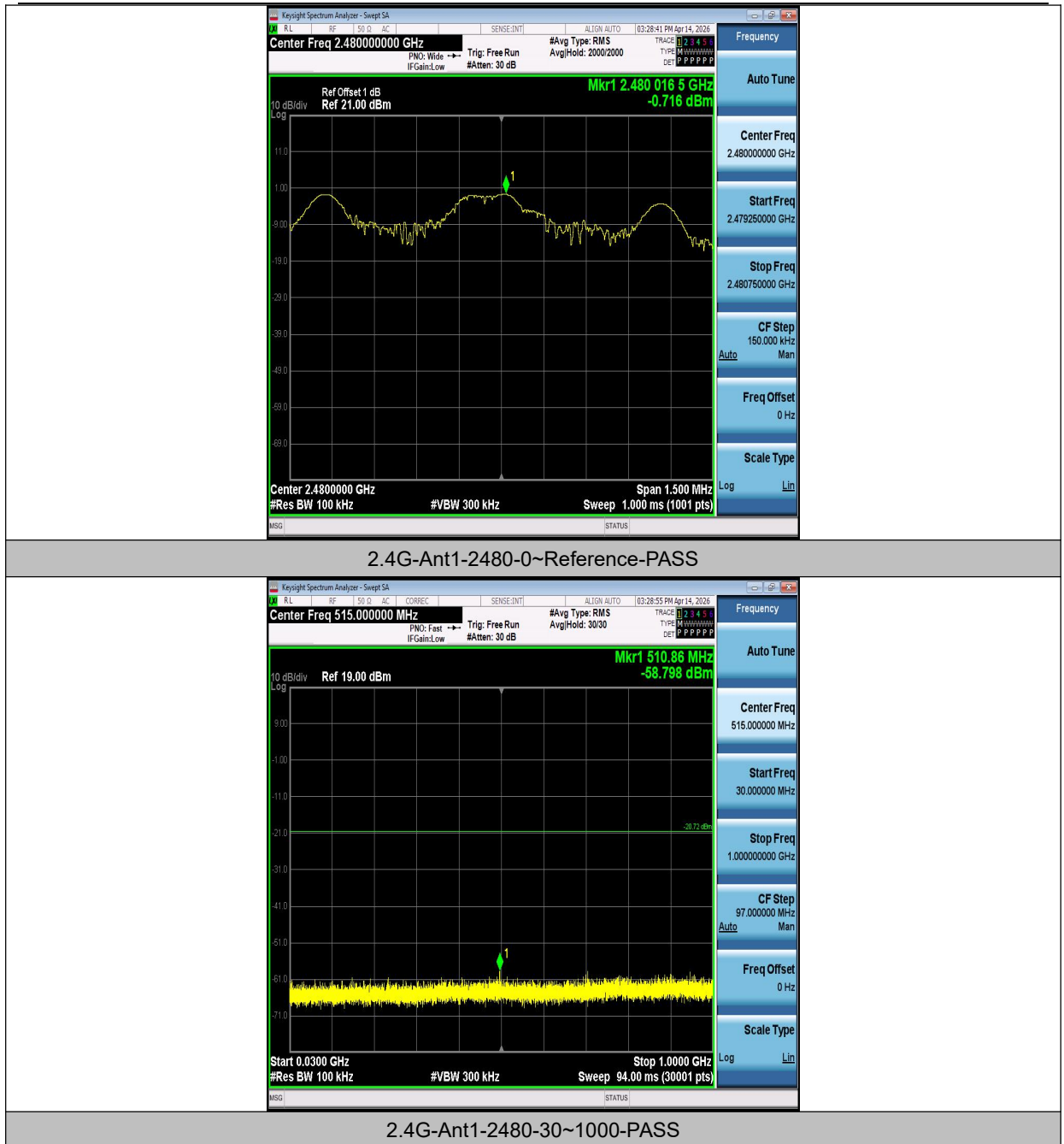
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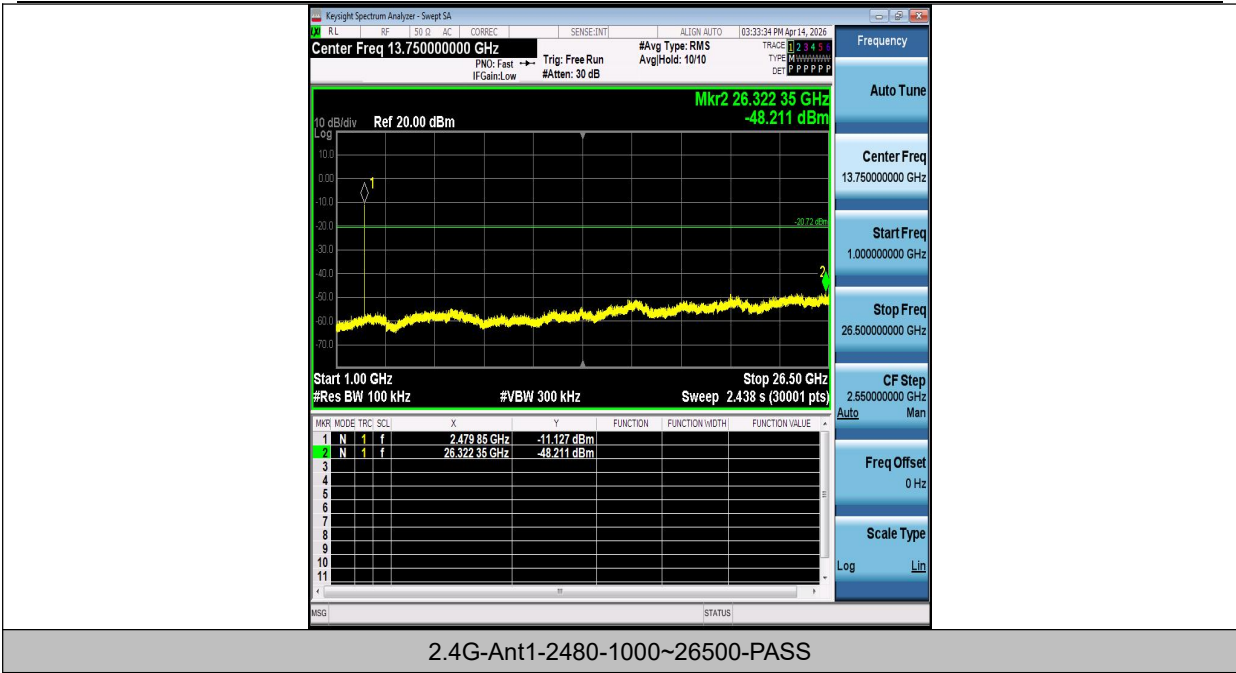
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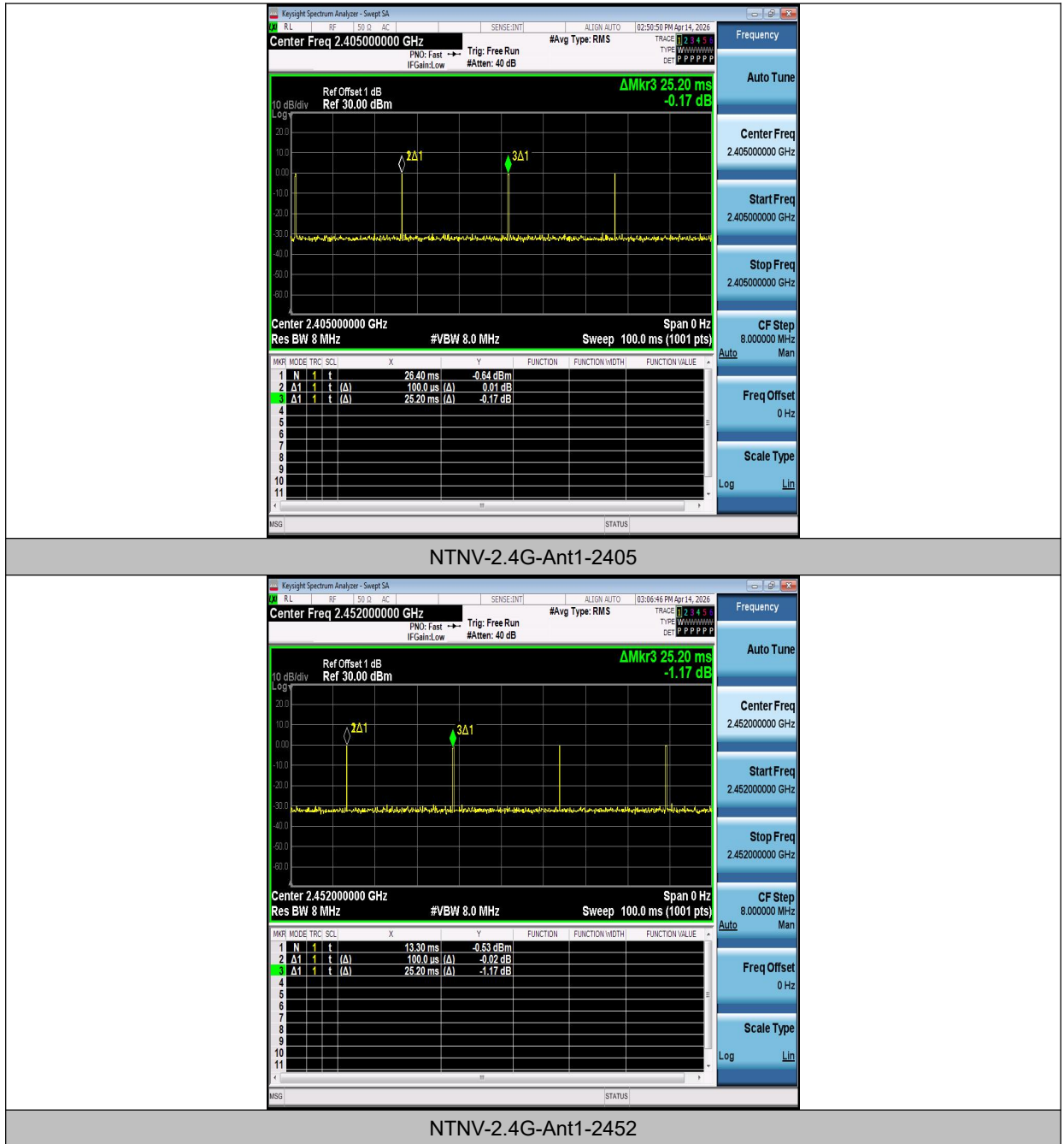
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2405	0.10	25.20	0.40	23.98
2.4G	Ant1	2452	0.10	25.20	0.40	23.98
2.4G	Ant1	2480	0.10	25.20	0.40	23.98

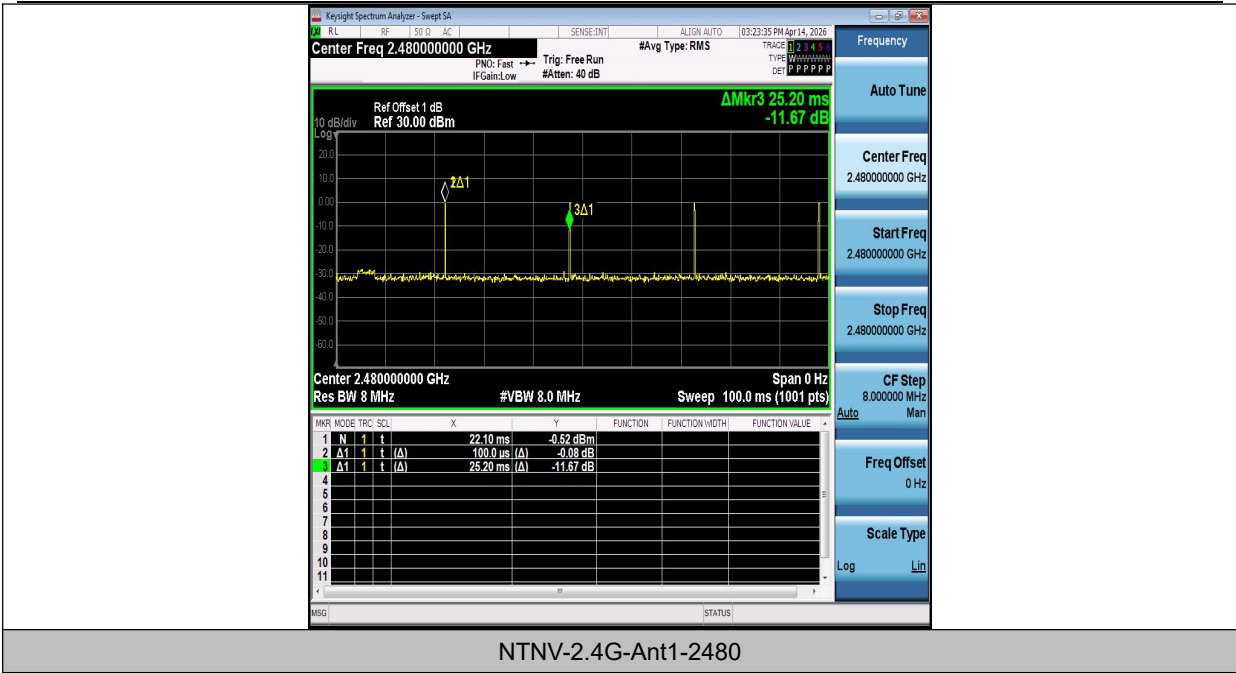
Test Graphs



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