

Appendix Test Data

Report No.:	1812C60411512501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-22	Finish Test Date:	2026-7-23
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24°C	Relative Humidity:	70%
Pressure:	101kPa		

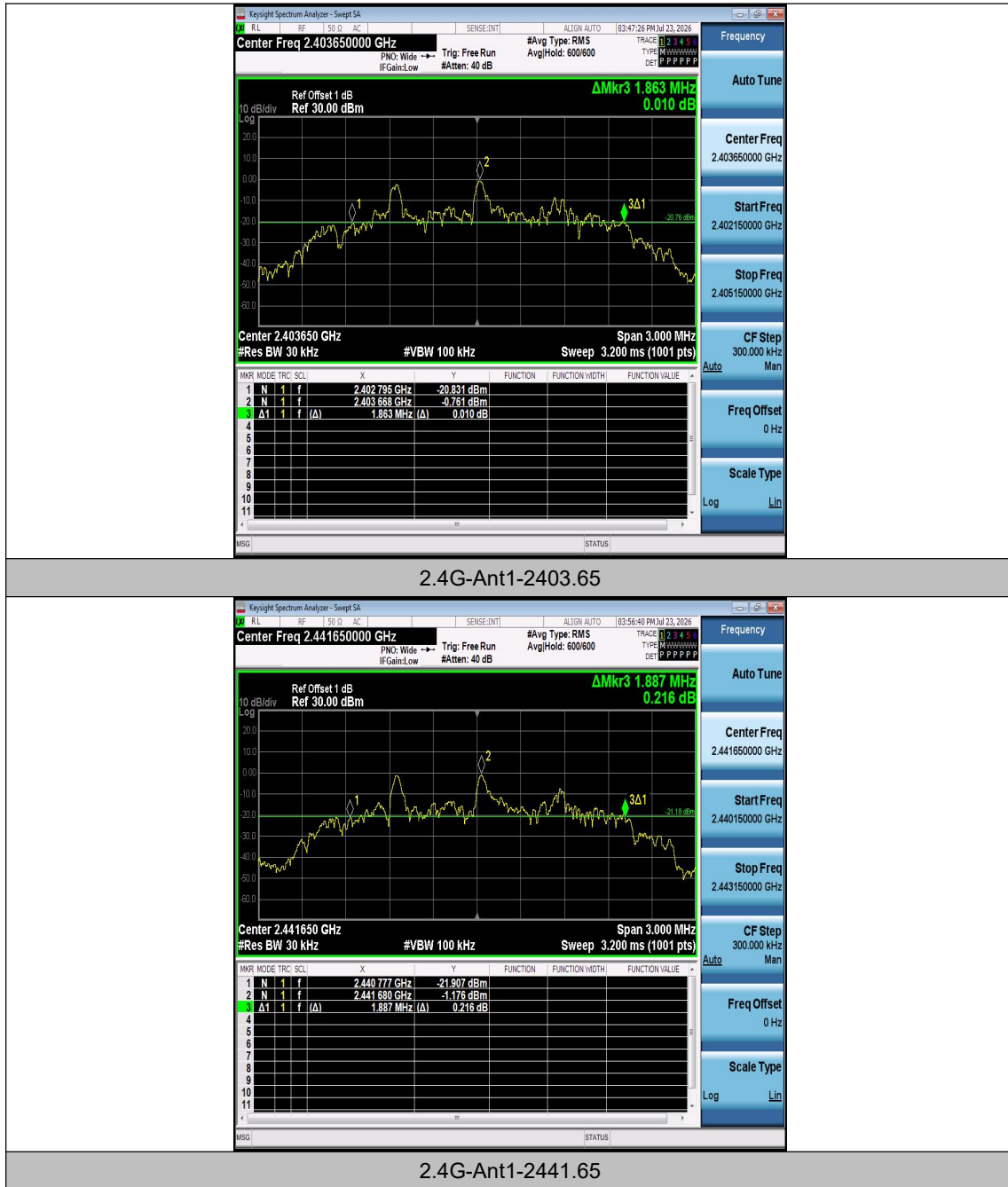


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403.65	1.863	2402.795	2404.658	---	---
2.4G	Ant1	2441.65	1.887	2440.777	2442.664	---	---
2.4G	Ant1	2479.65	2.025	2478.666	2480.691	---	---

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	2403.65	2.0073	2402.6426	2404.6499	---	---
2.4G	Ant1	2441.65	2.0000	2440.6623	2442.6623	---	---
2.4G	Ant1	2479.65	2.0067	2478.6716	2480.6783	---	---

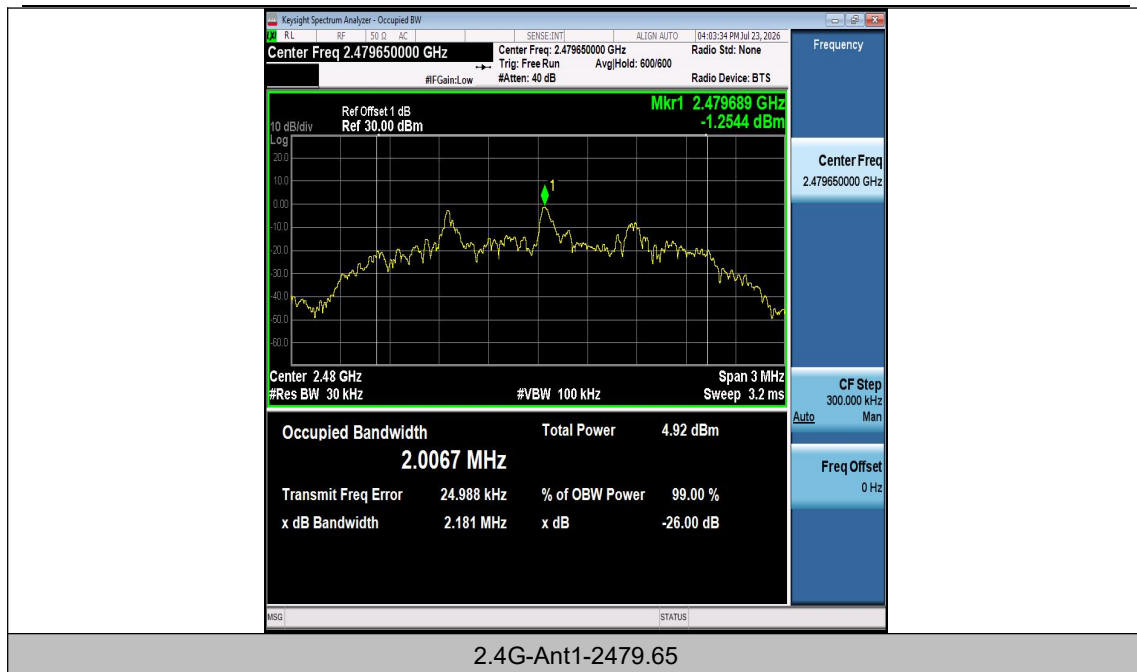
Test Graphs



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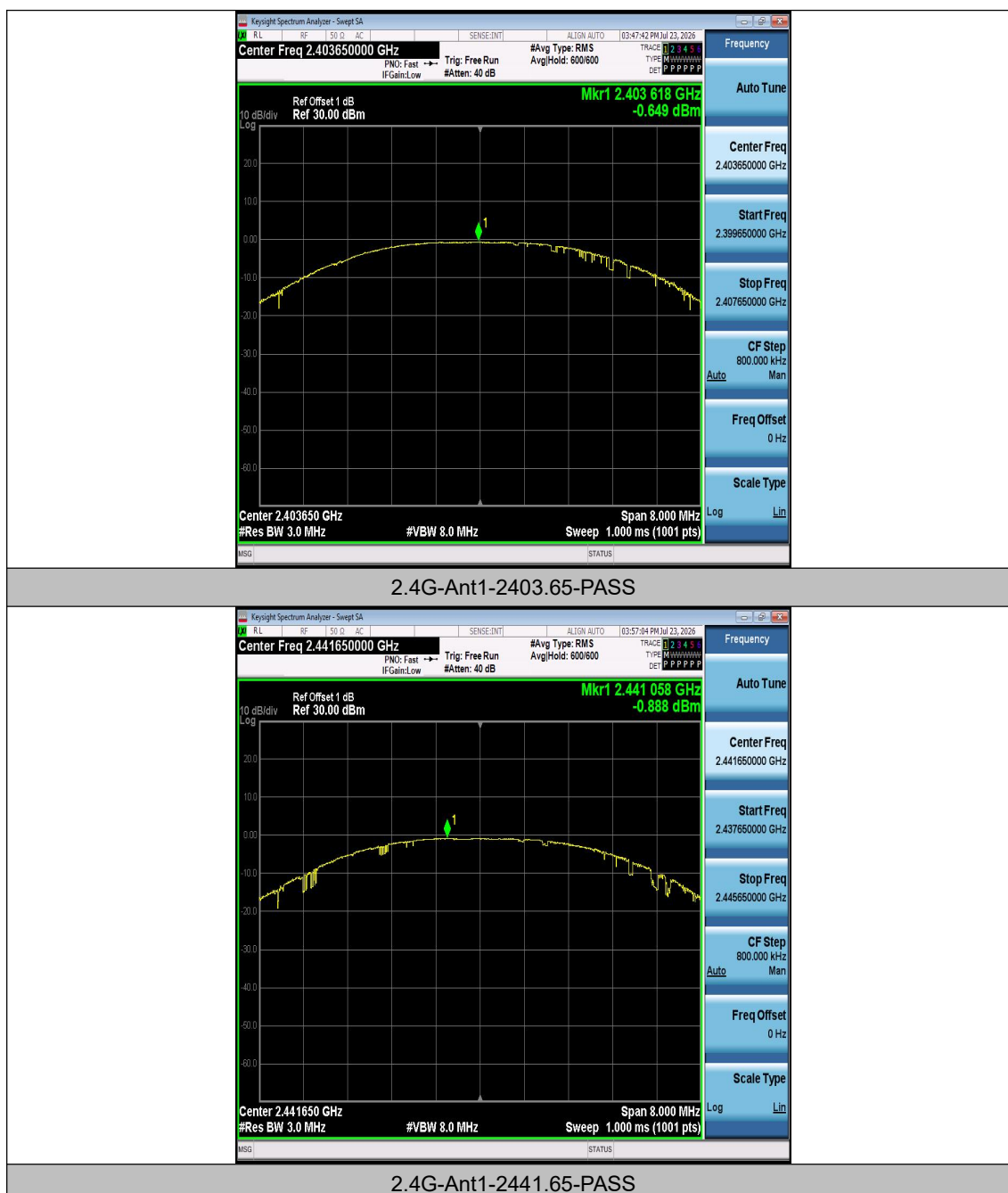
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403.65	-0.65	≤20.97	PASS
2.4G	Ant1	2441.65	-0.89	≤20.97	PASS
2.4G	Ant1	2479.65	-1.05	≤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	≥1.3378	PASS

Note: Only record the worst data in the report.

Test Graphs



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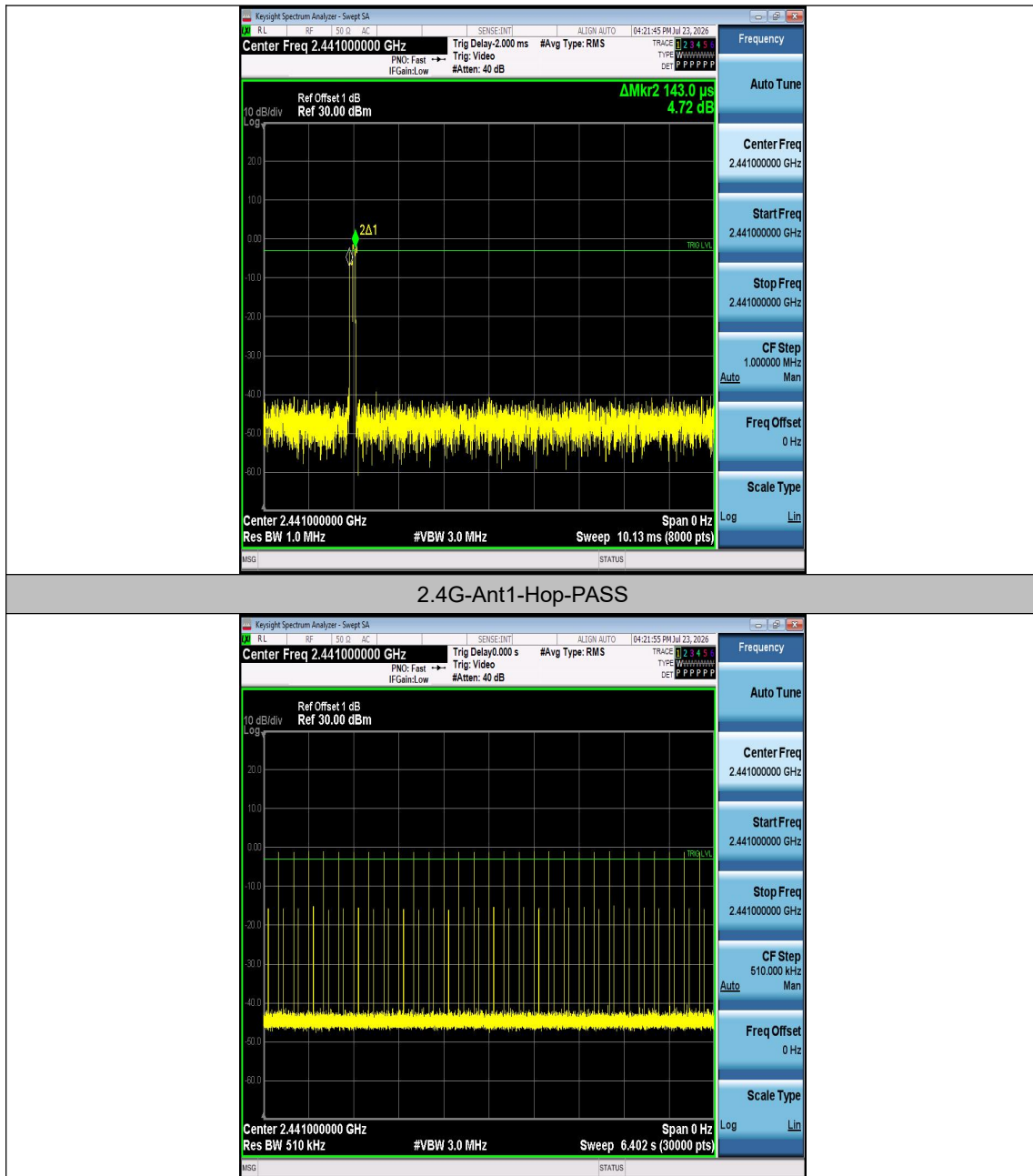
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.143	45	0.006	≤0.4	PASS

Test Graphs



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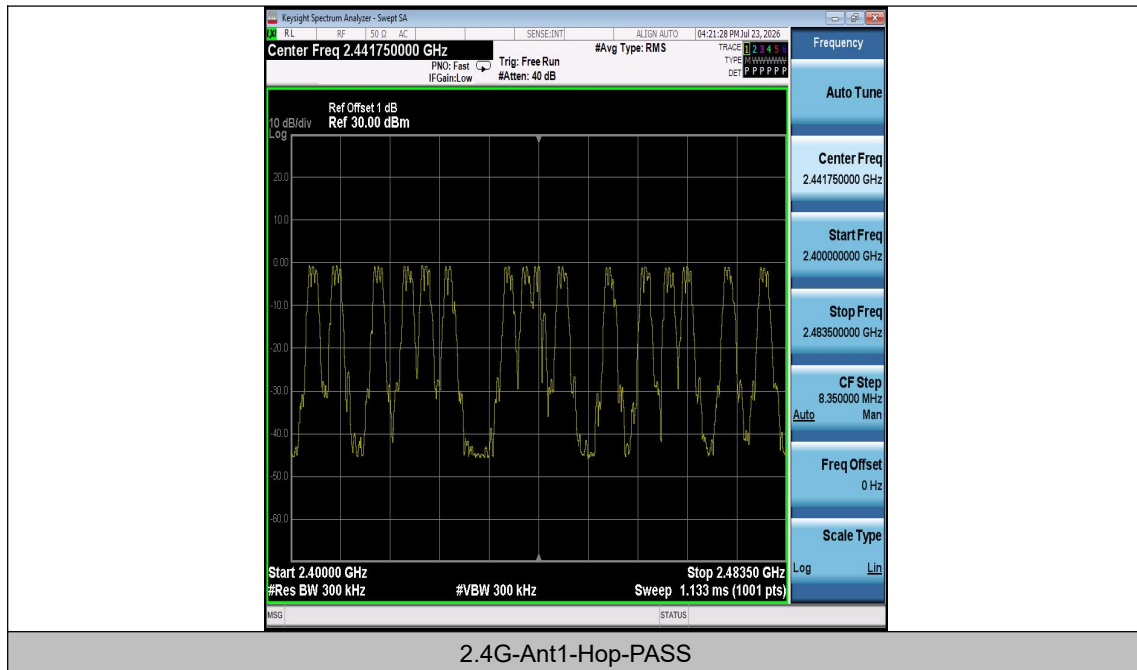
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Appendix F: Number of Hopping Channel

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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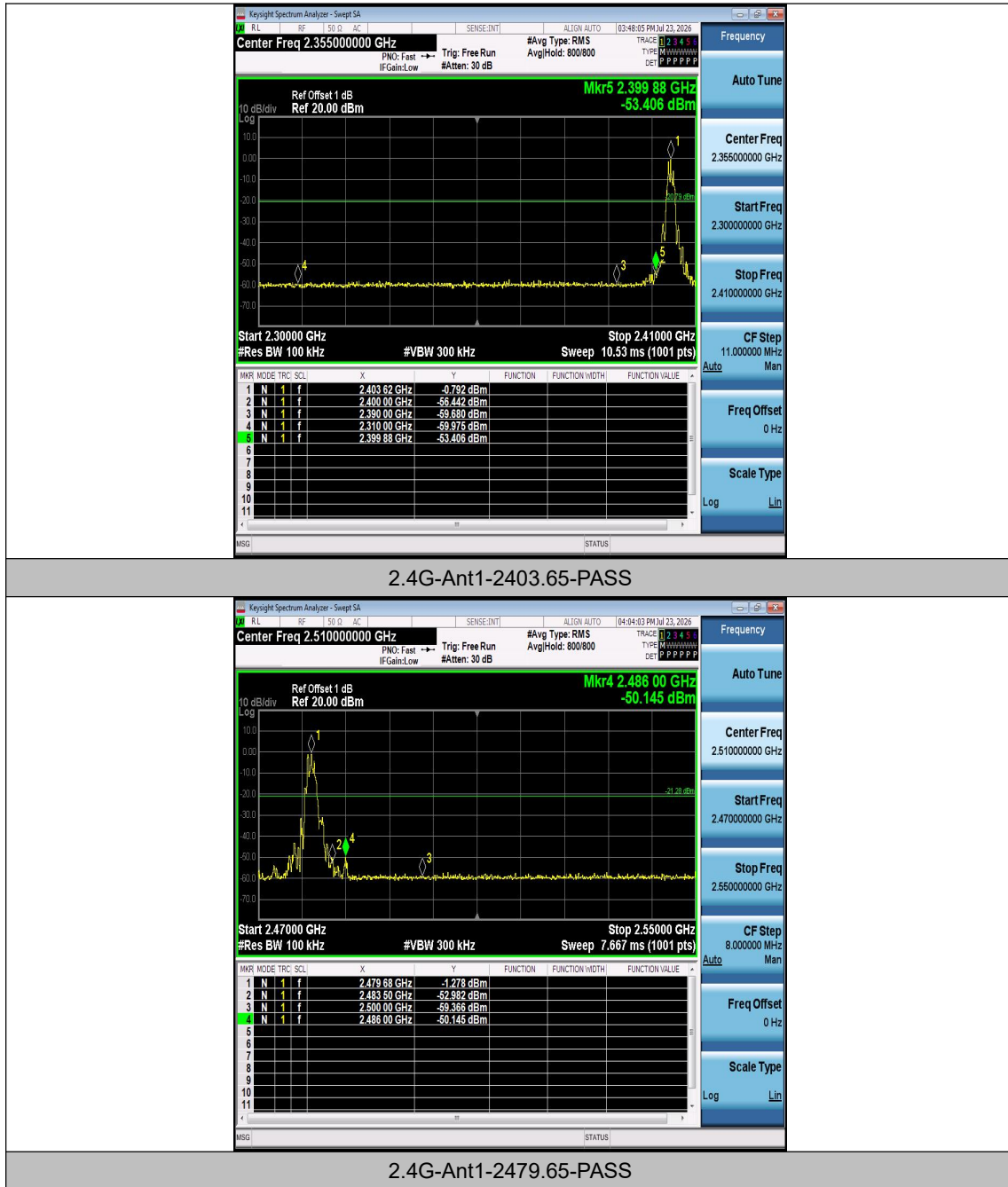
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403.65	-0.79	-53.41	≤-20.79	PASS
2.4G	Ant1	High	2479.65	-1.28	-50.15	≤-21.28	PASS
2.4G	Ant1	Low	Hop	-0.72	-52.1	≤-20.72	PASS
2.4G	Ant1	High	Hop	-1.00	-29.34	≤-21	PASS

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

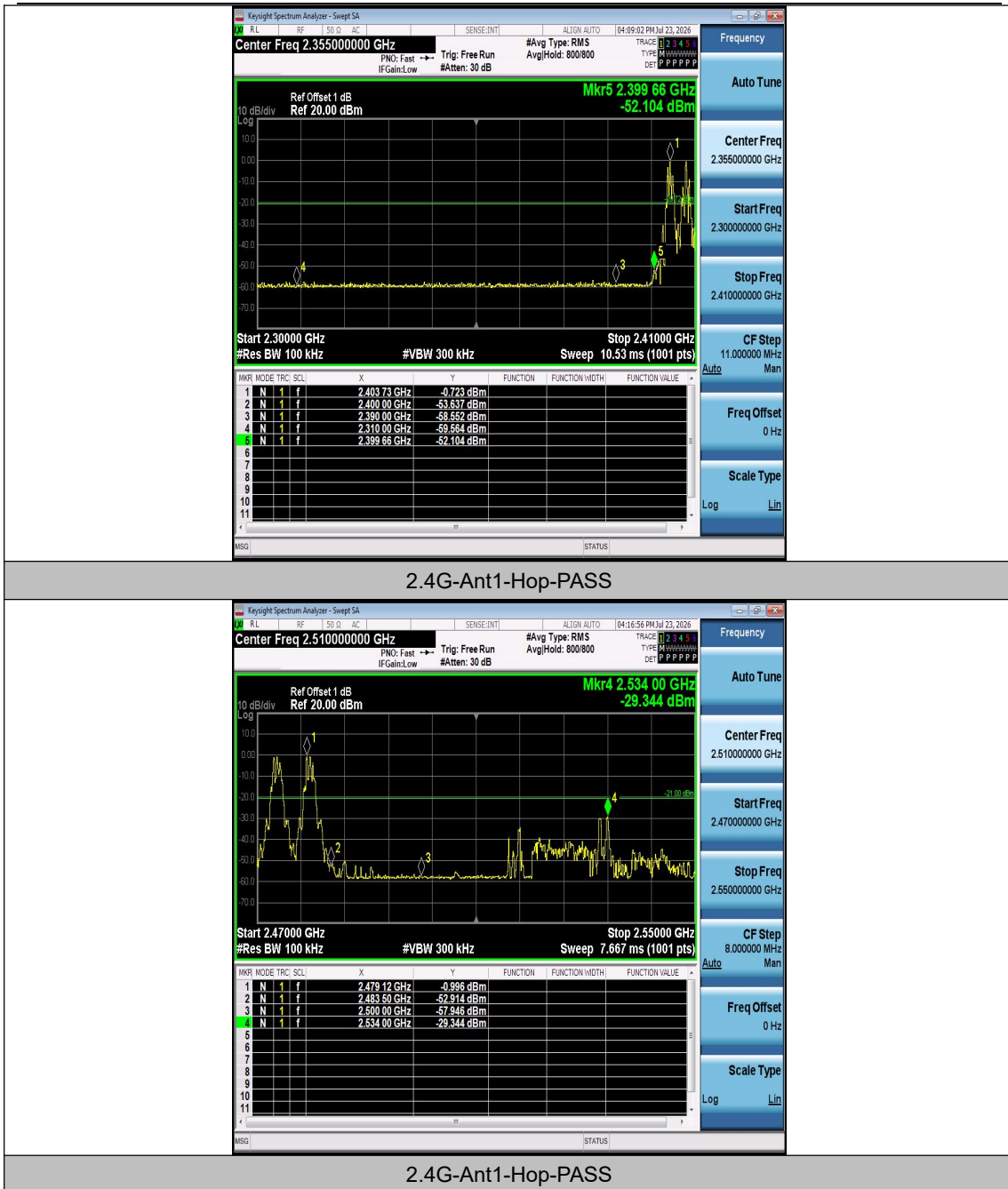
Test Graphs



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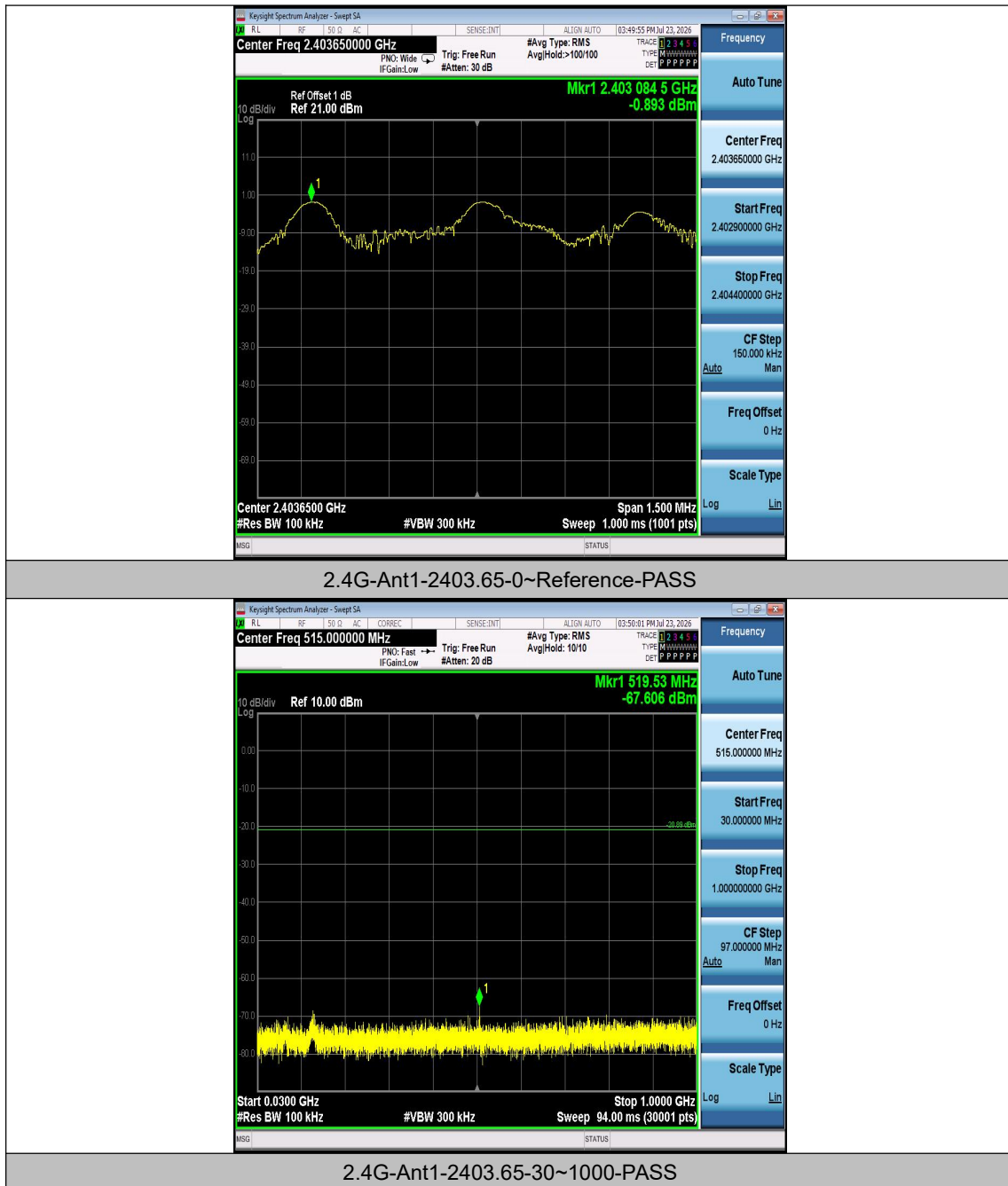
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403.65	0~Reference	-0.89	-0.89	---	PASS
2.4G	Ant1	2403.65	30~1000	-0.89	-67.61	≤-20.89	PASS
2.4G	Ant1	2403.65	1000~26500	-0.89	-27.2	≤-20.89	PASS
2.4G	Ant1	2441.65	0~Reference	-1.03	-1.03	---	PASS
2.4G	Ant1	2441.65	30~1000	-1.03	-69.02	≤-21.03	PASS
2.4G	Ant1	2441.65	1000~26500	-1.03	-41	≤-21.03	PASS
2.4G	Ant1	2479.65	0~Reference	-1.19	-1.19	---	PASS
2.4G	Ant1	2479.65	30~1000	-1.19	-68.49	≤-21.19	PASS
2.4G	Ant1	2479.65	1000~26500	-1.19	-36.65	≤-21.19	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.

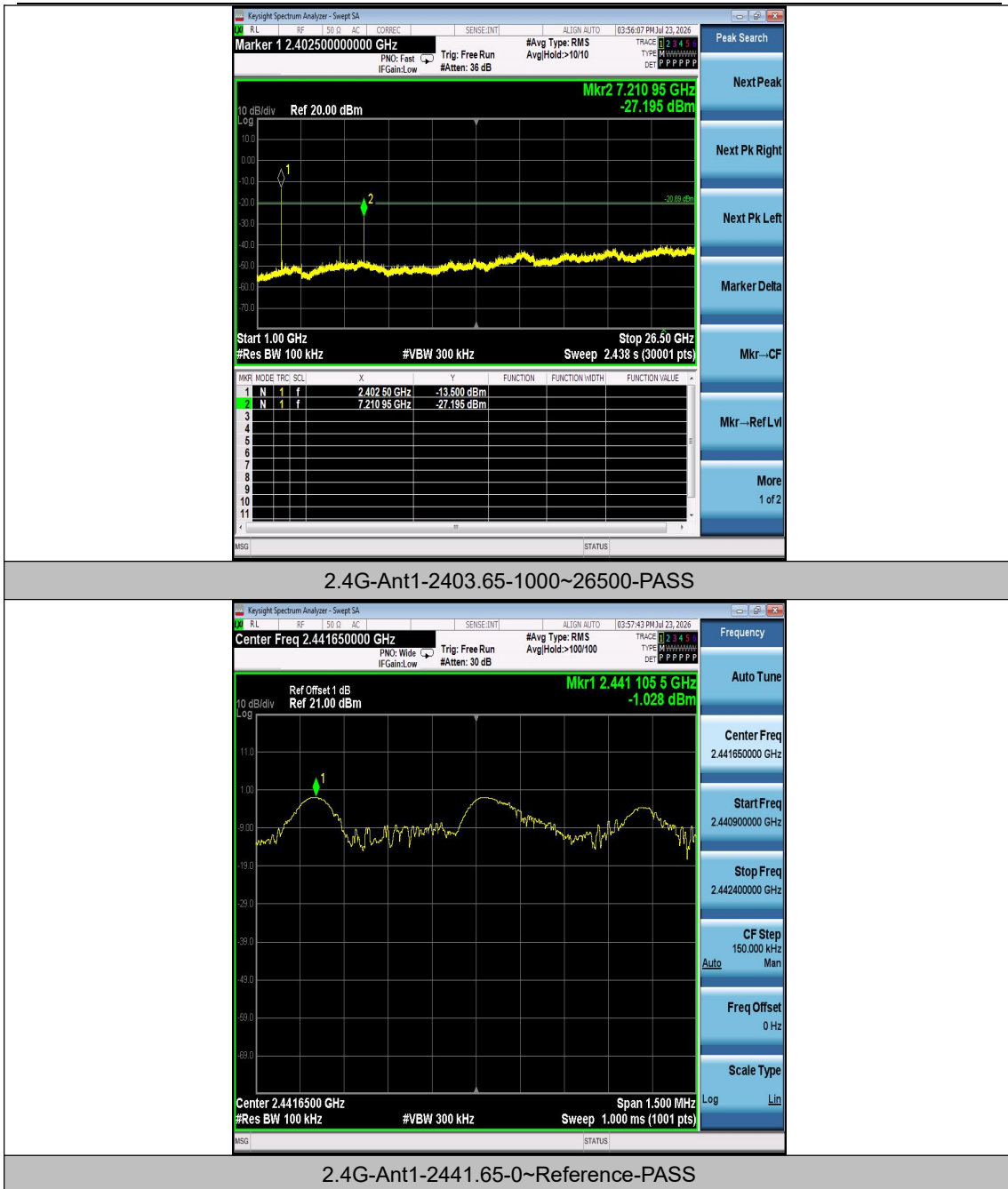
Test Graphs



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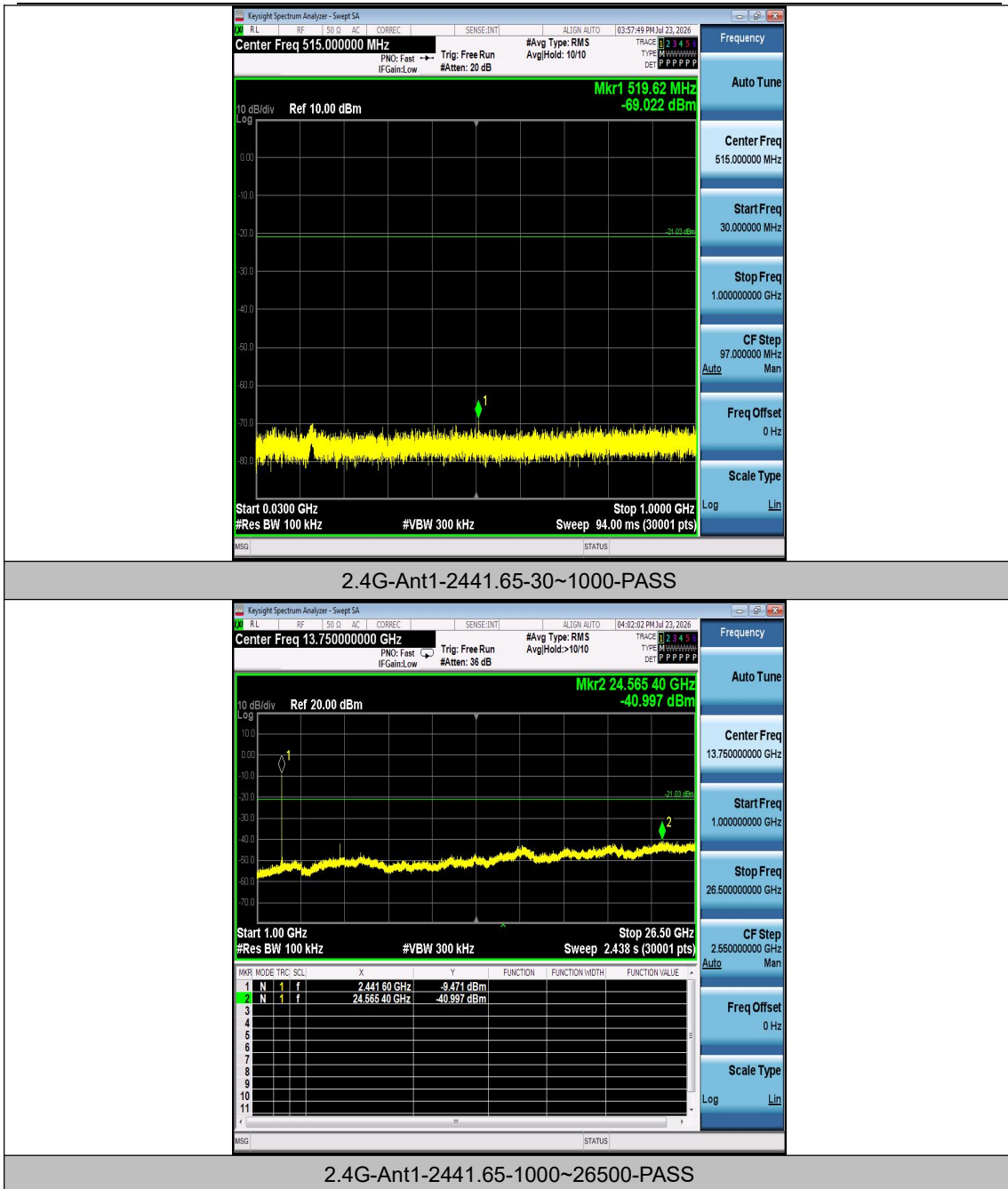
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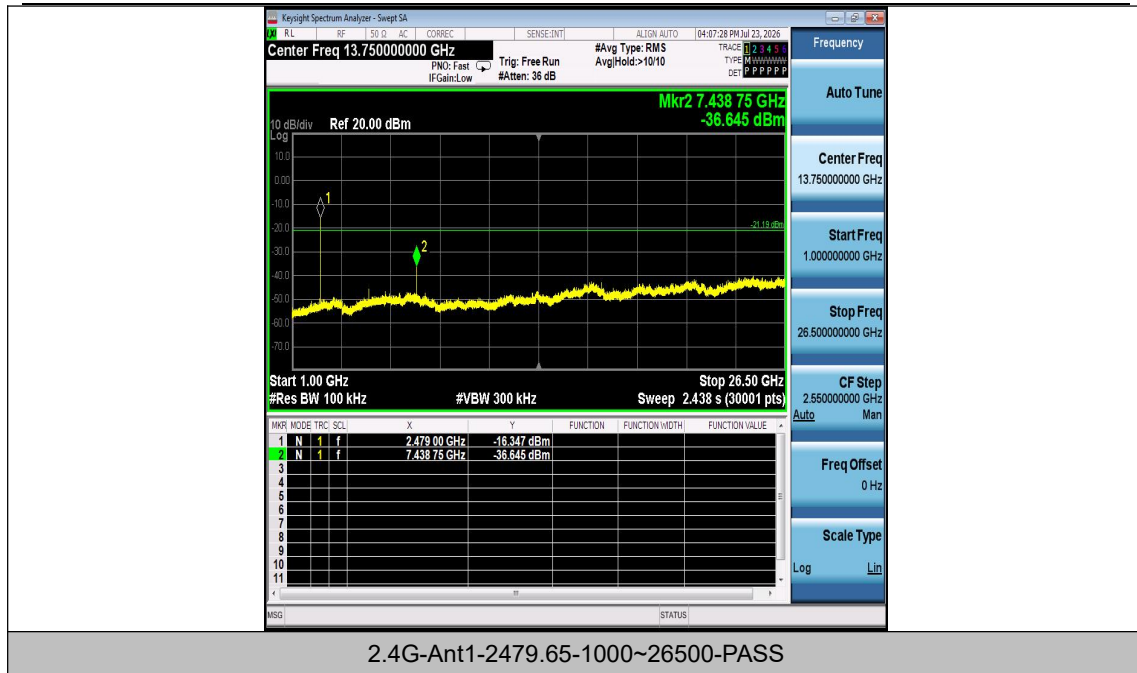
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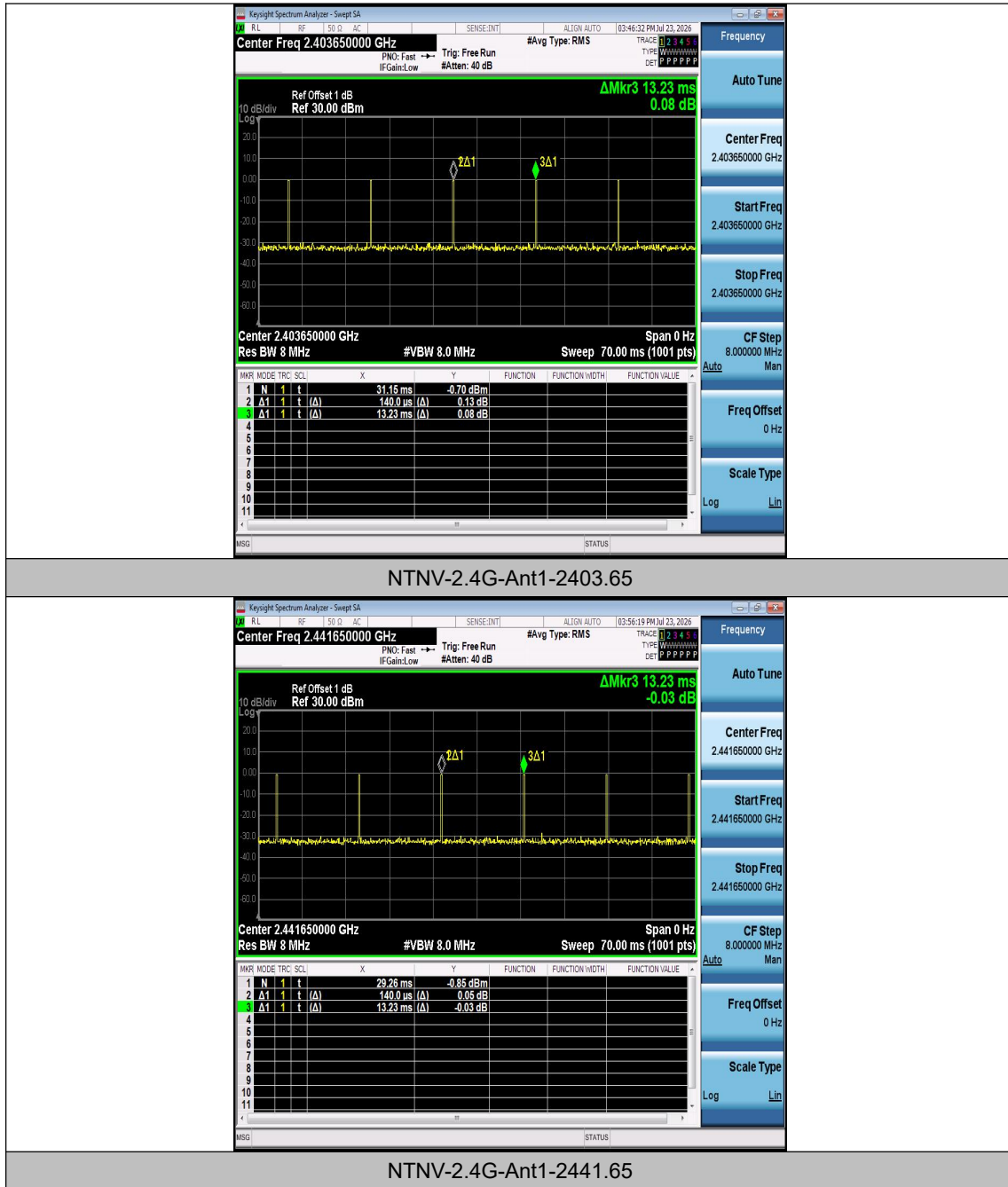
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403.65	0.14	13.23	1.06	19.75
2.4G	Ant1	2441.65	0.14	13.23	1.06	19.75
2.4G	Ant1	2479.65	0.14	13.16	1.06	19.75

Test Graphs



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