

Appendix Test Data

Report No.:	1812C60411812501-01	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		

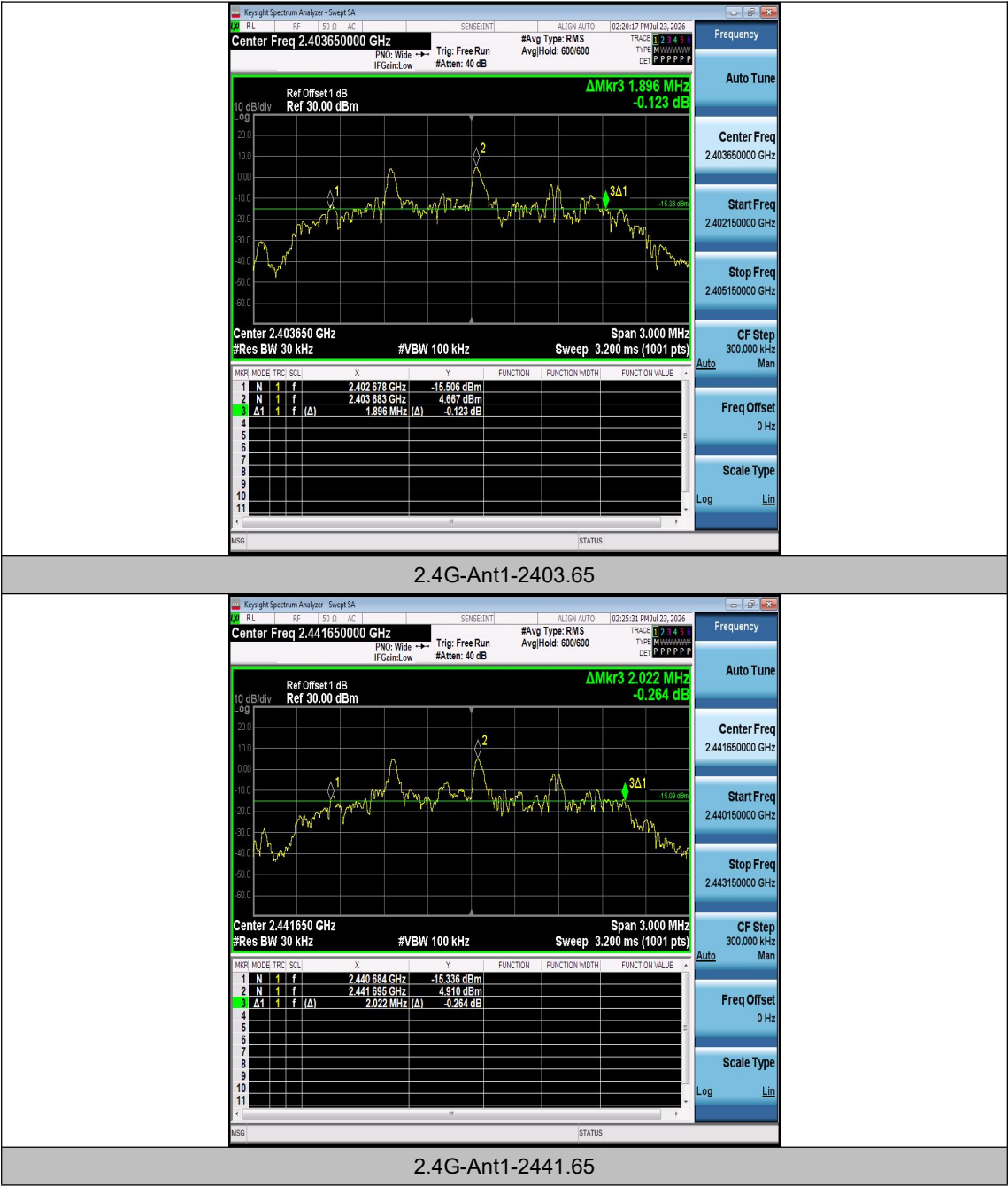


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403.65	1.896	2402.678	2404.574	---	---
2.4G	Ant1	2441.65	2.022	2440.684	2442.706	---	---
2.4G	Ant1	2479.65	1.974	2478.693	2480.667	---	---

Test Graphs





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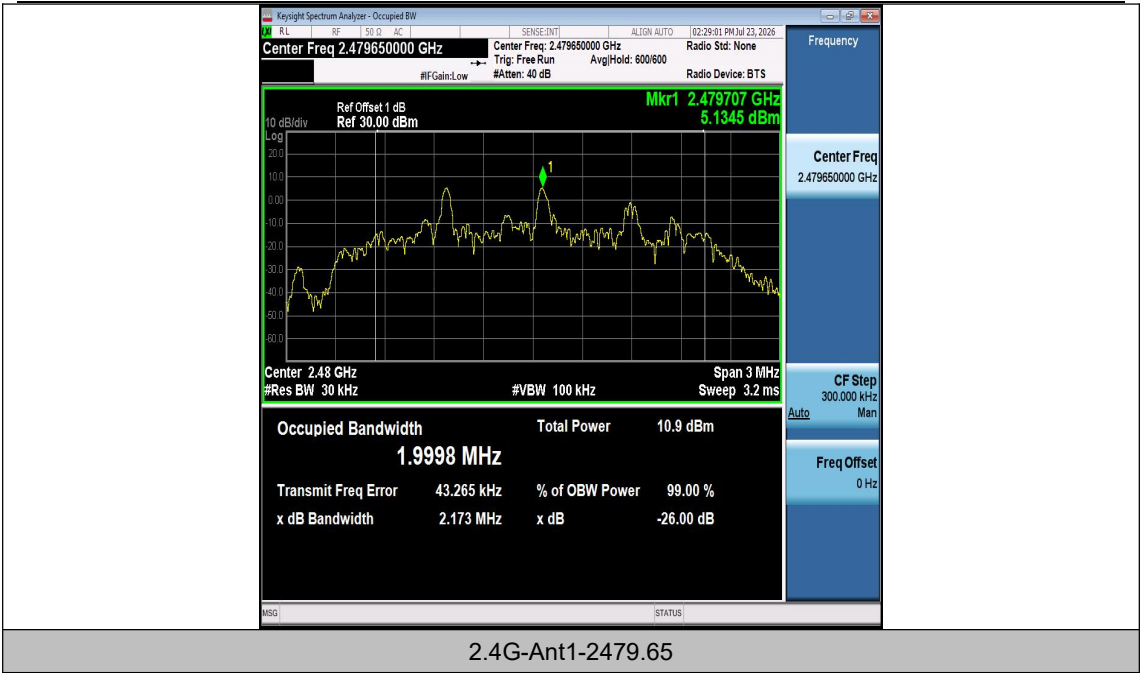
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403.65	2.0020	2402.6648	2404.6668	---	---
2.4G	Ant1	2441.65	1.9788	2440.6764	2442.6552	---	---
2.4G	Ant1	2479.65	1.9998	2478.6934	2480.6932	---	---

Test Graphs





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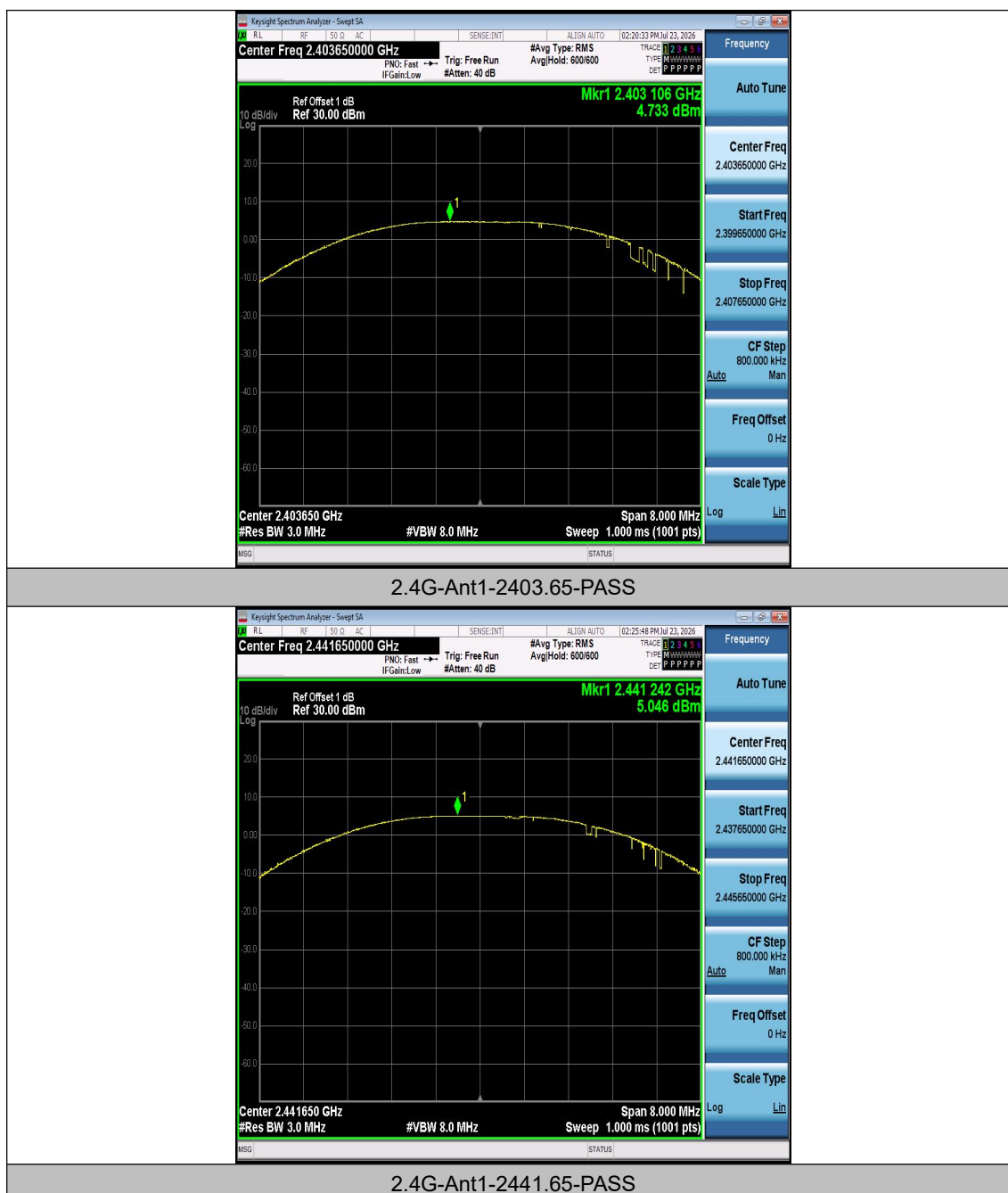
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403.65	4.73	≤20.97	PASS
2.4G	Ant1	2441.65	5.05	≤20.97	PASS
2.4G	Ant1	2479.65	5.24	≤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	≥1.348	PASS

Note: Only record the worst data in the report.

Test Graphs



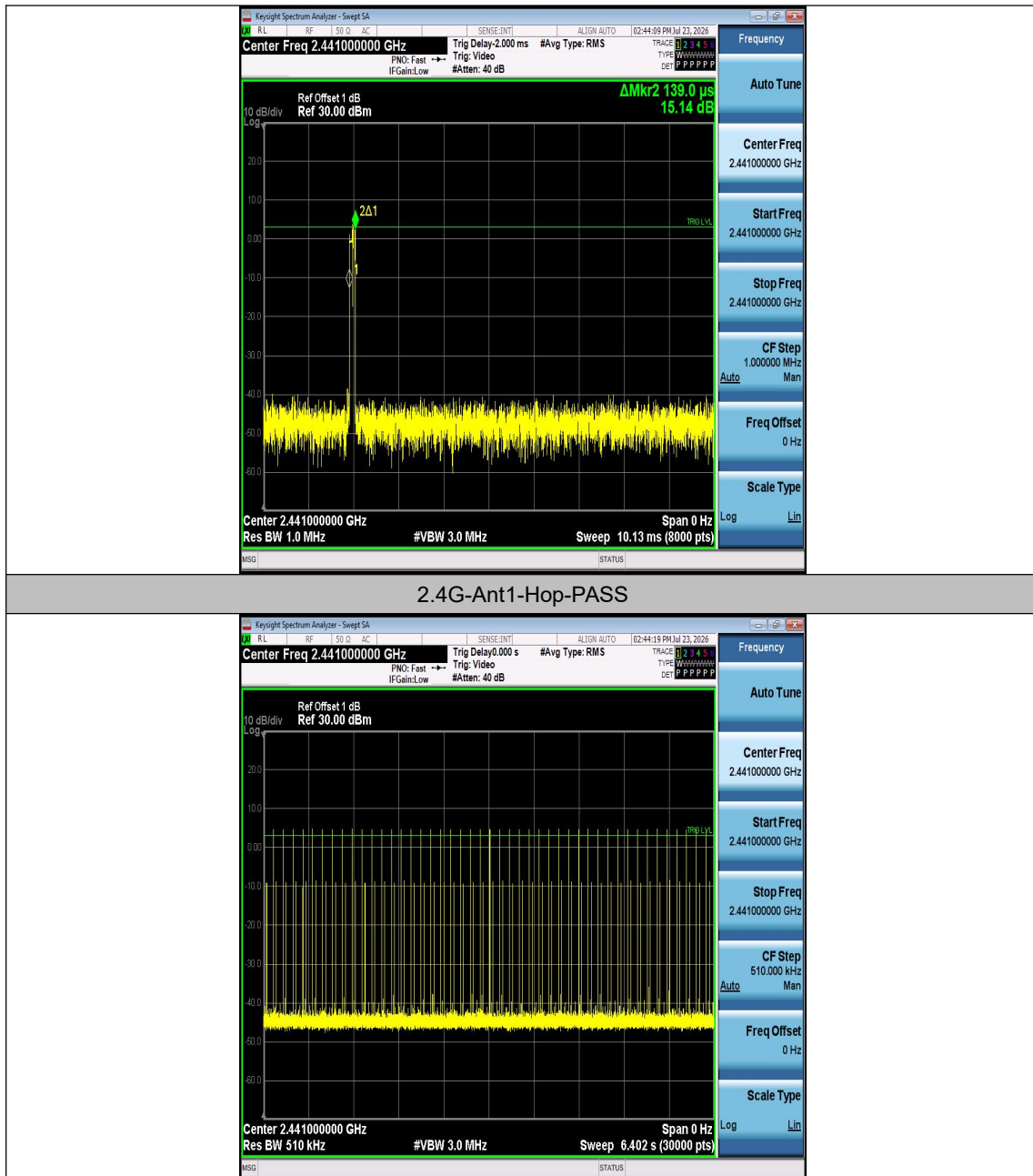
2.4G-Ant1-Hop-PASS

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	0.139	44	0.006	≤0.4	PASS

Test Graphs



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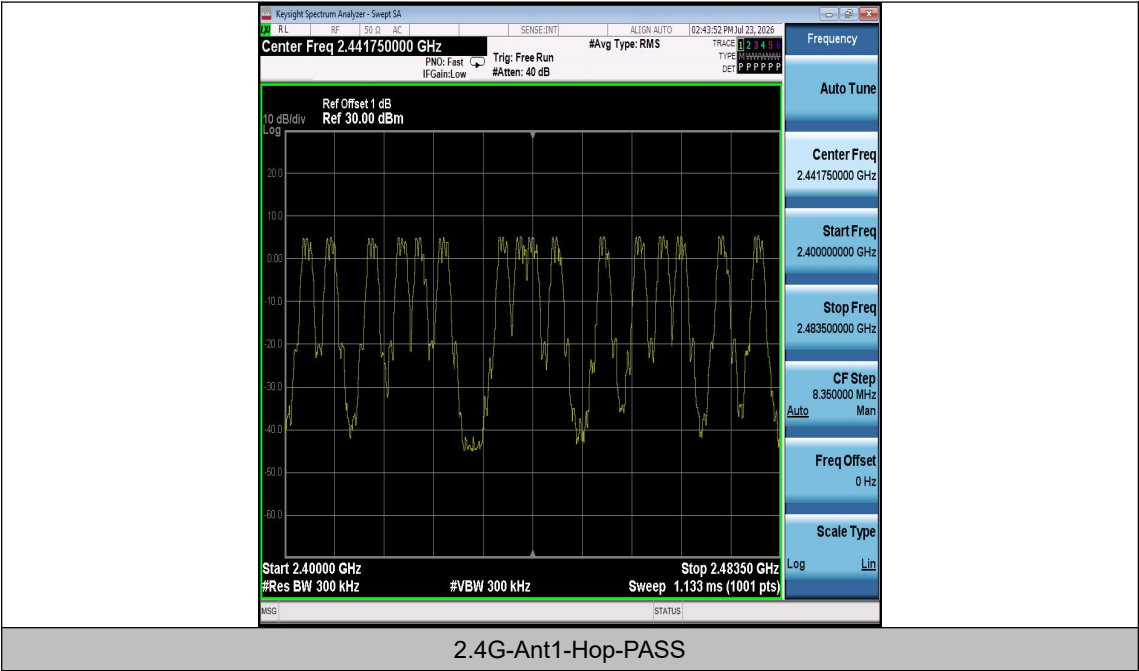
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs



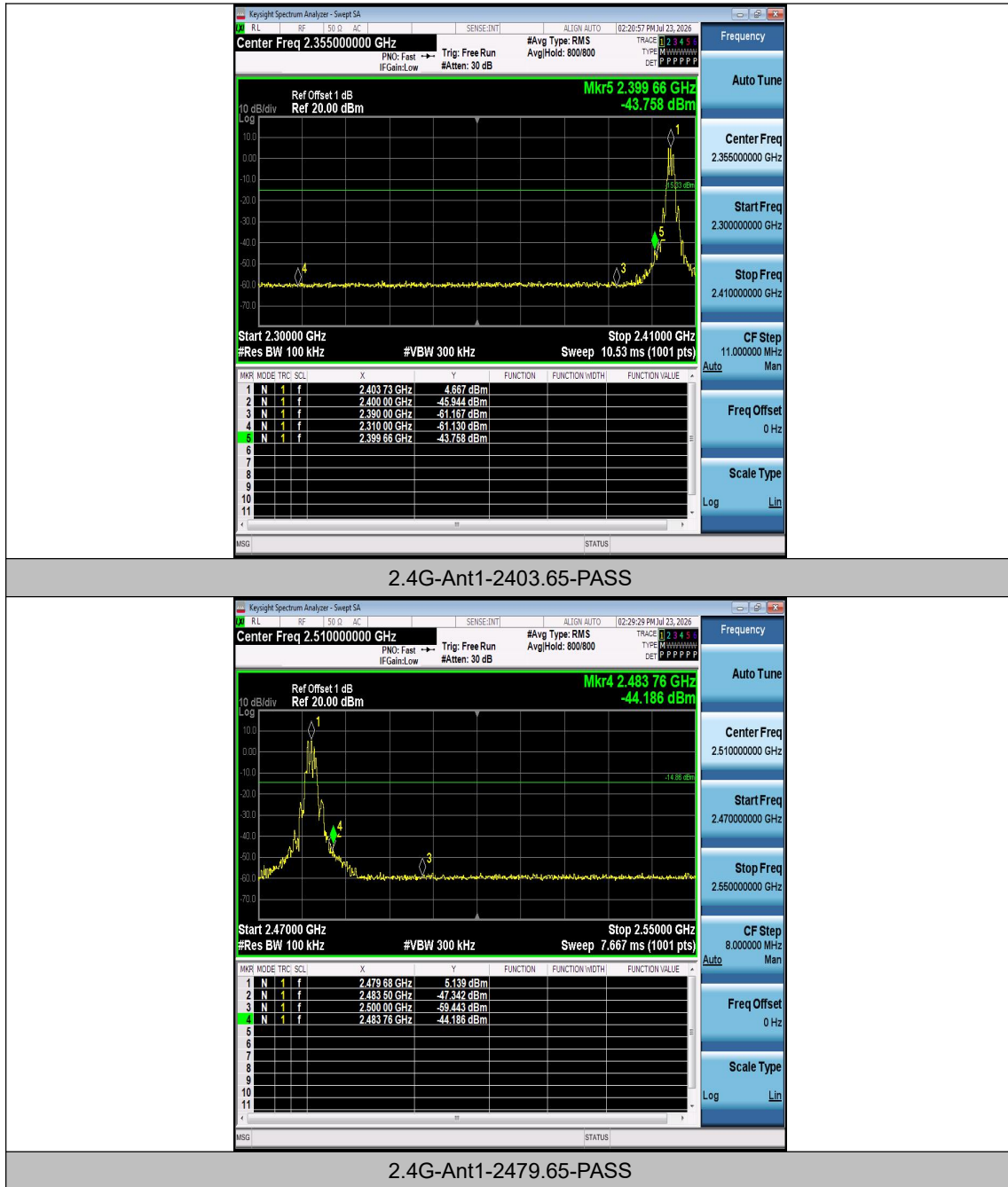
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403.65	4.67	-43.76	≤-15.33	PASS
2.4G	Ant1	High	2479.65	5.14	-44.19	≤-14.86	PASS
2.4G	Ant1	Low	Hop	4.63	-45.43	≤-15.37	PASS
2.4G	Ant1	High	Hop	5.18	-43.36	≤-14.82	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.

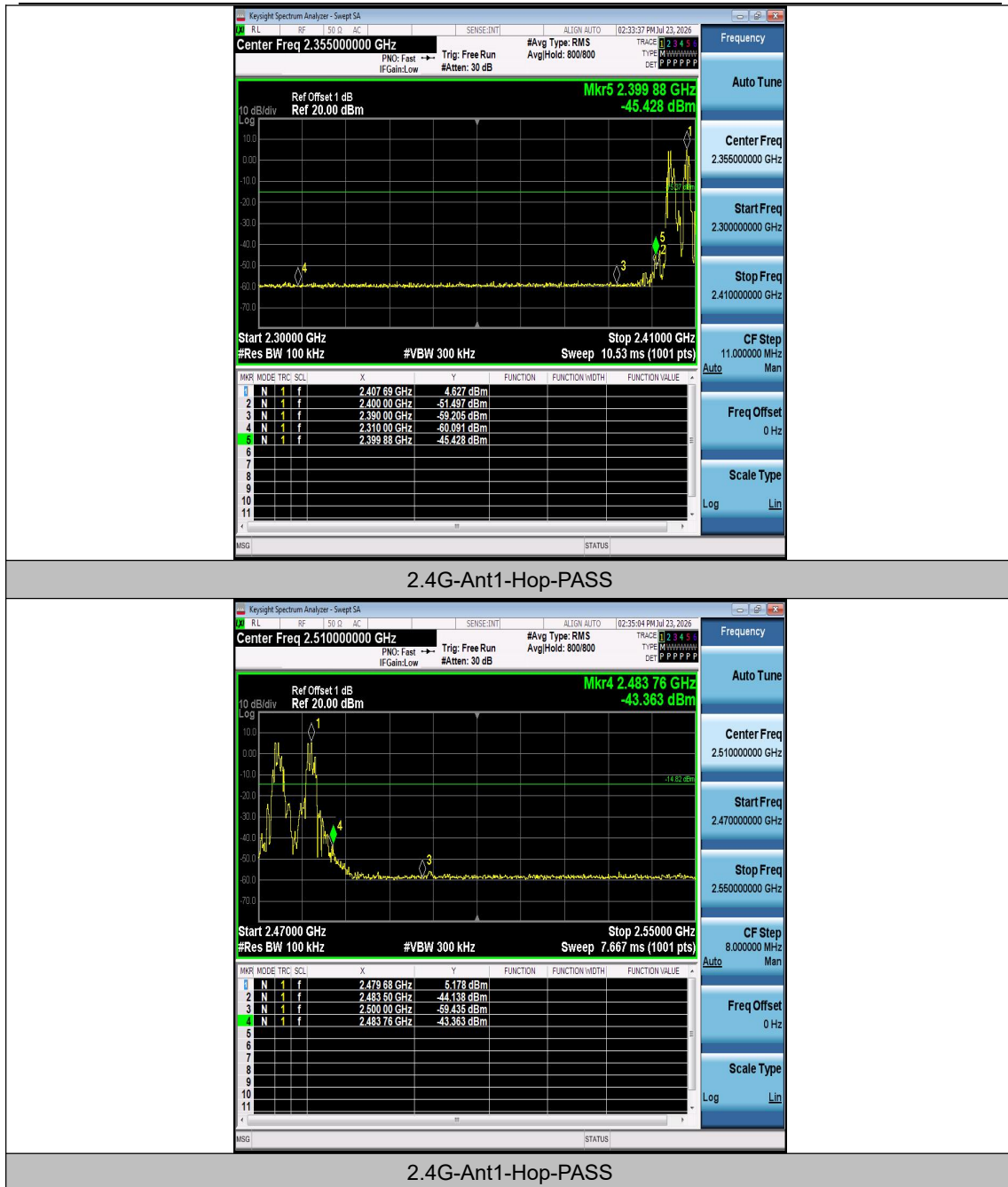
Test Graphs



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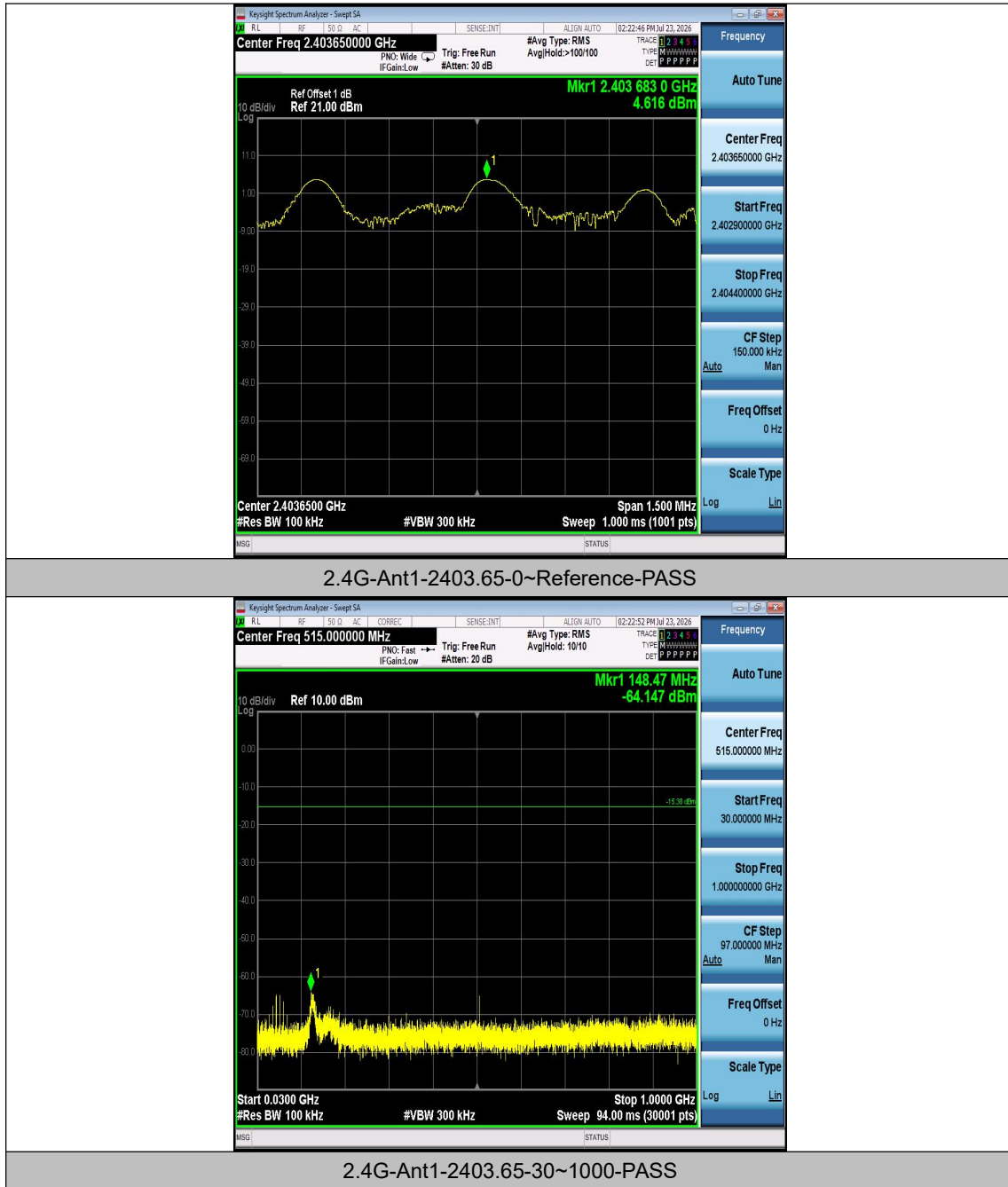
Appendix H: Conducted Spurious Emission

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	4.62	4.62	---	PASS
2.4G	Ant1	2403.65	30~1000	4.62	-64.15	≤-15.38	PASS
2.4G	Ant1	2403.65	1000~26500	4.62	-40.89	≤-15.38	PASS
2.4G	Ant1	2441.65	0~Reference	4.91	4.91	---	PASS
2.4G	Ant1	2441.65	30~1000	4.91	-64.49	≤-15.09	PASS
2.4G	Ant1	2441.65	1000~26500	4.91	-35.59	≤-15.09	PASS
2.4G	Ant1	2479.65	0~Reference	5.14	5.14	---	PASS
2.4G	Ant1	2479.65	30~1000	5.14	-64.54	≤-14.86	PASS
2.4G	Ant1	2479.65	1000~26500	5.14	-40.45	≤-14.86	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.

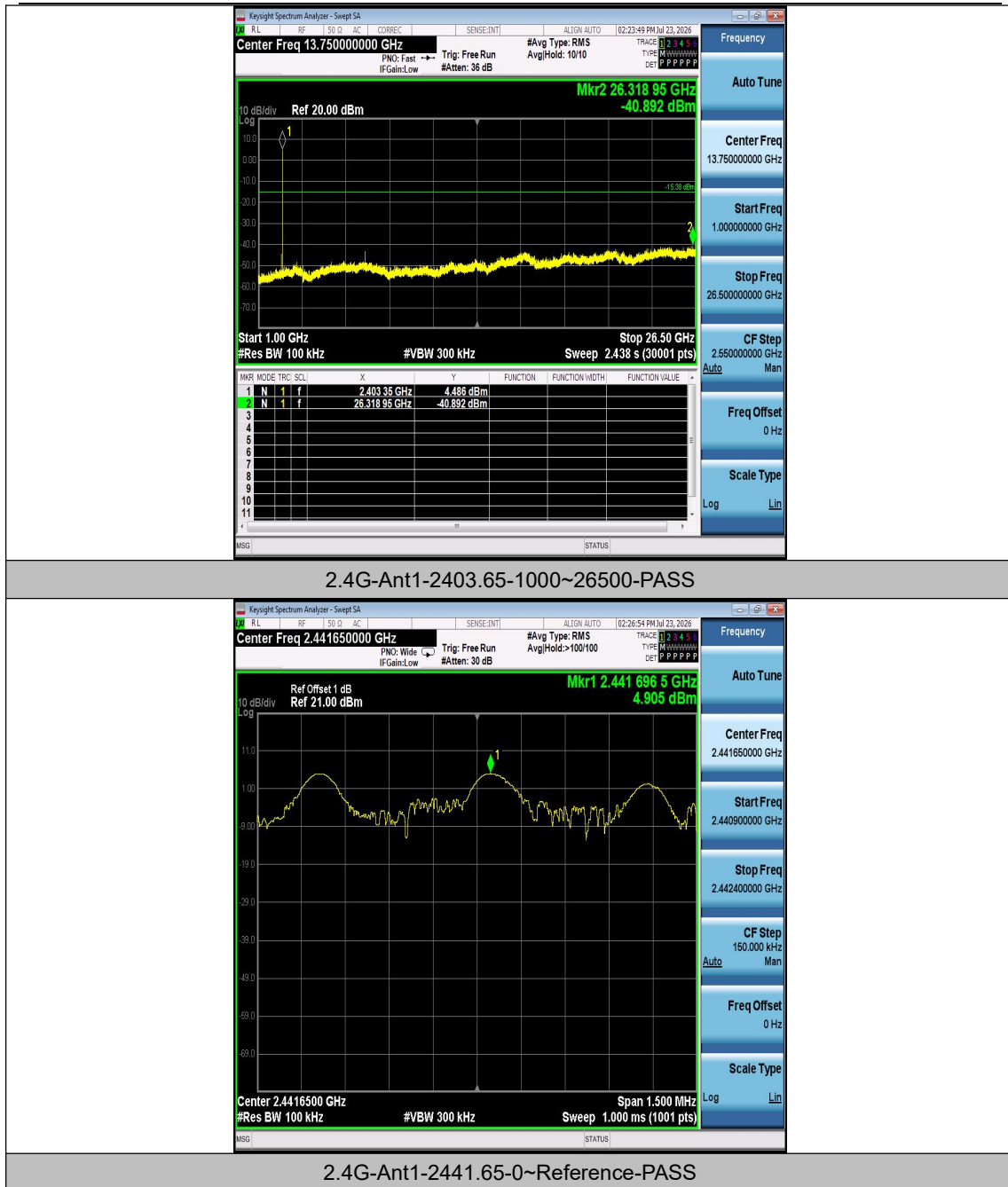
Test Graphs



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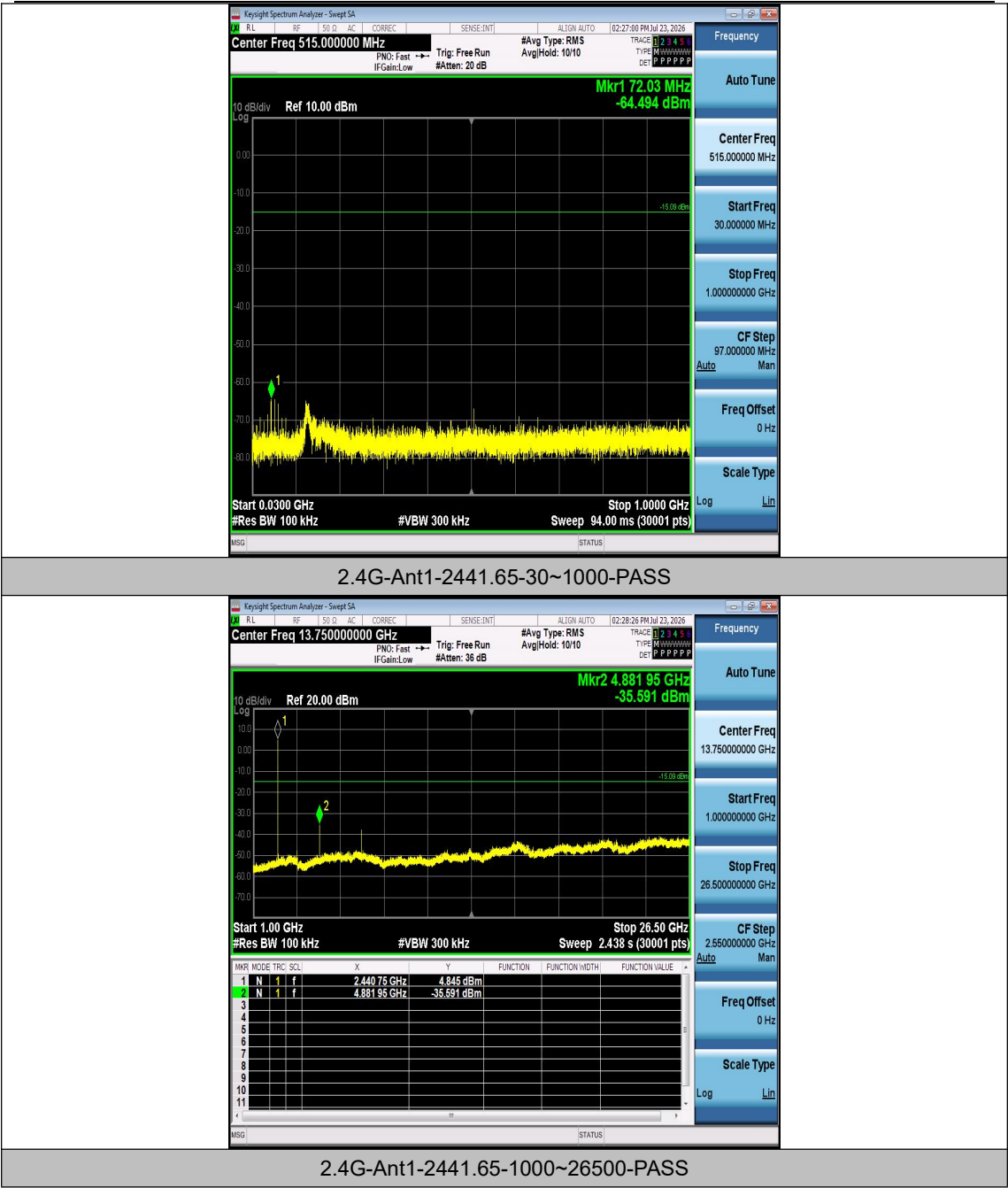
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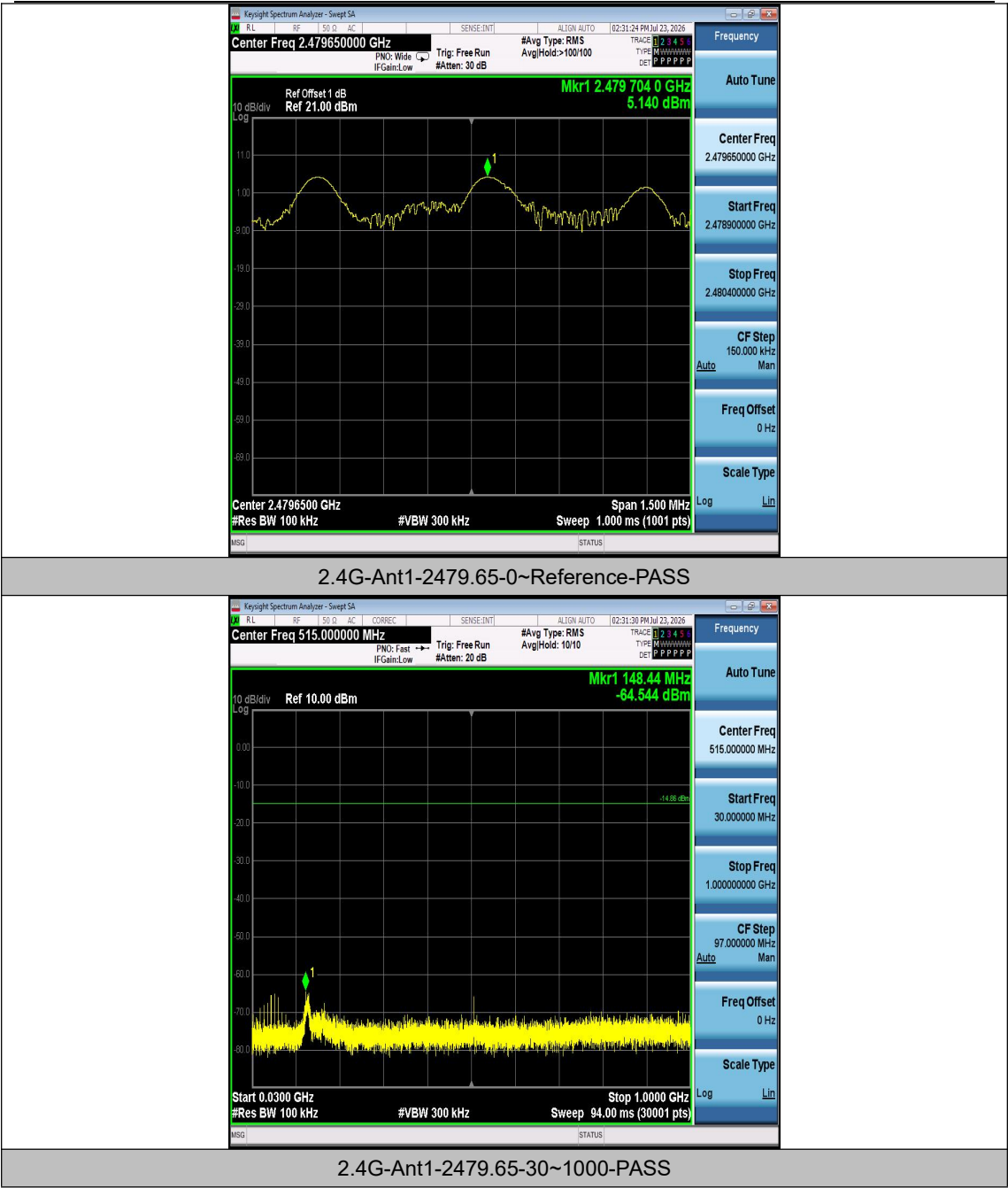


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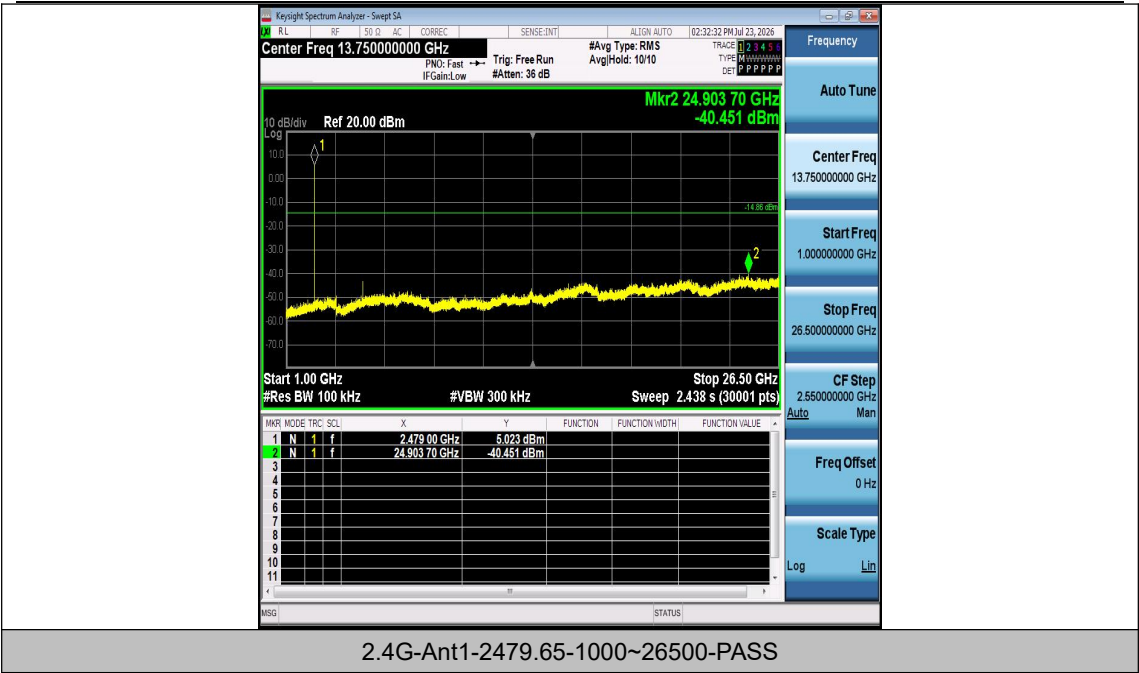
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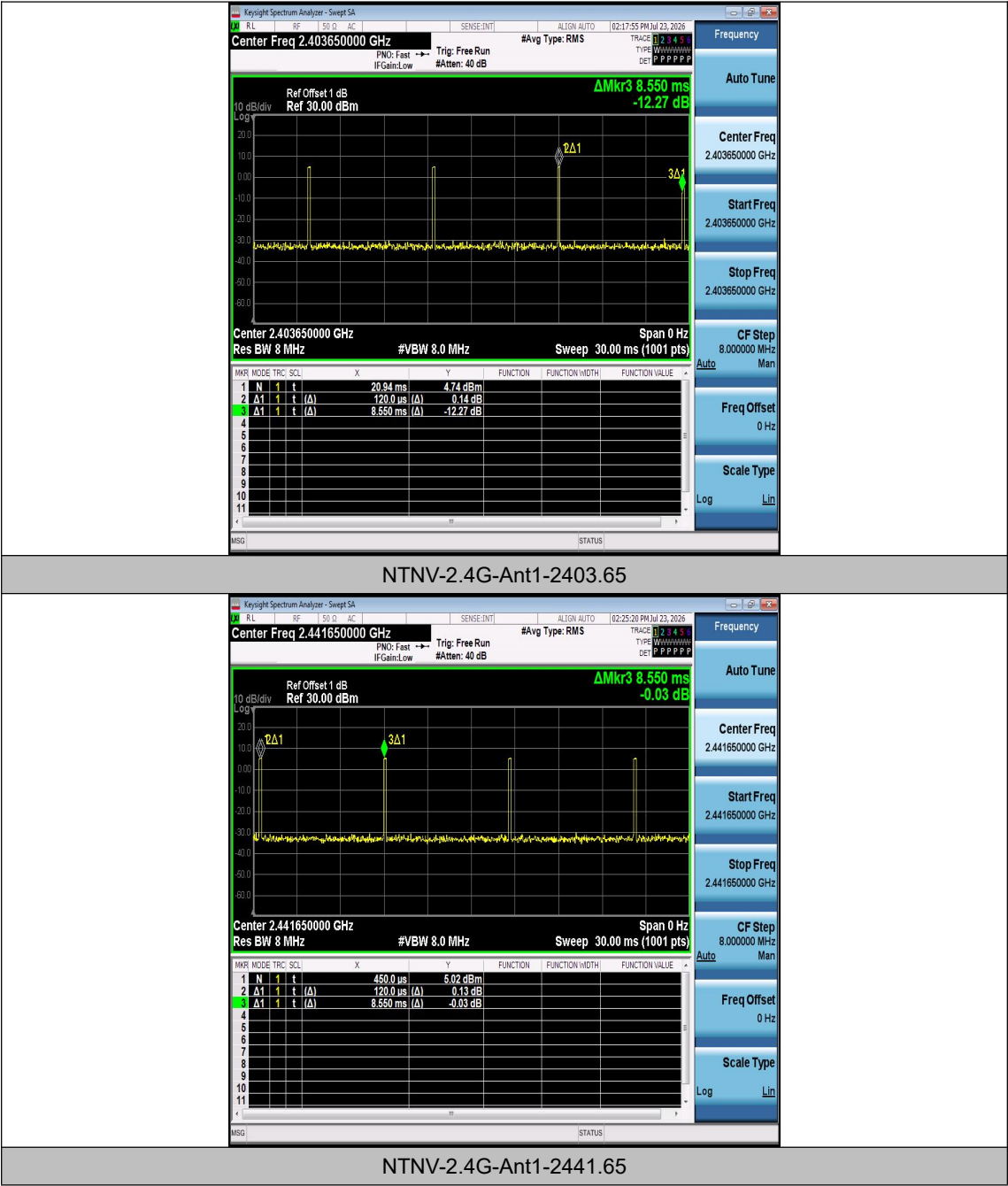
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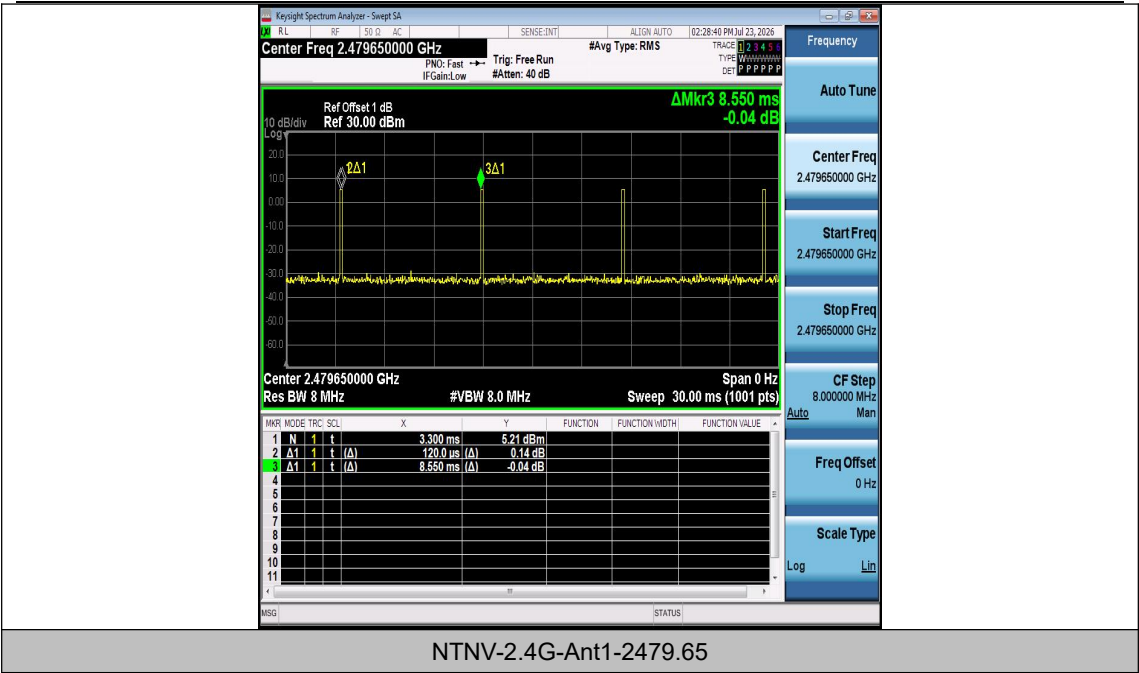
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403.65	0.12	8.55	1.40	18.54
2.4G	Ant1	2441.65	0.12	8.55	1.40	18.54
2.4G	Ant1	2479.65	0.12	8.55	1.40	18.54

Test Graphs





---End---