

Appendix Test Data

Report No.:	1818C60092712503-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-17	Finish Test Date:	2026-7-27
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	27.2°C	Relative Humidity:	61%
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	2402	1.014	2401.445	2402.459	---	---
2.4G	Ant1	2441	1.023	2440.448	2441.471	---	---
2.4G	Ant1	2480	1.011	2479.445	2480.456	---	---

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	2402	0.87923	2401.5232	2402.4024	---	---
2.4G	Ant1	2441	0.88422	2440.5264	2441.4106	---	---
2.4G	Ant1	2480	0.87807	2479.5210	2480.3991	---	---

Test Graphs



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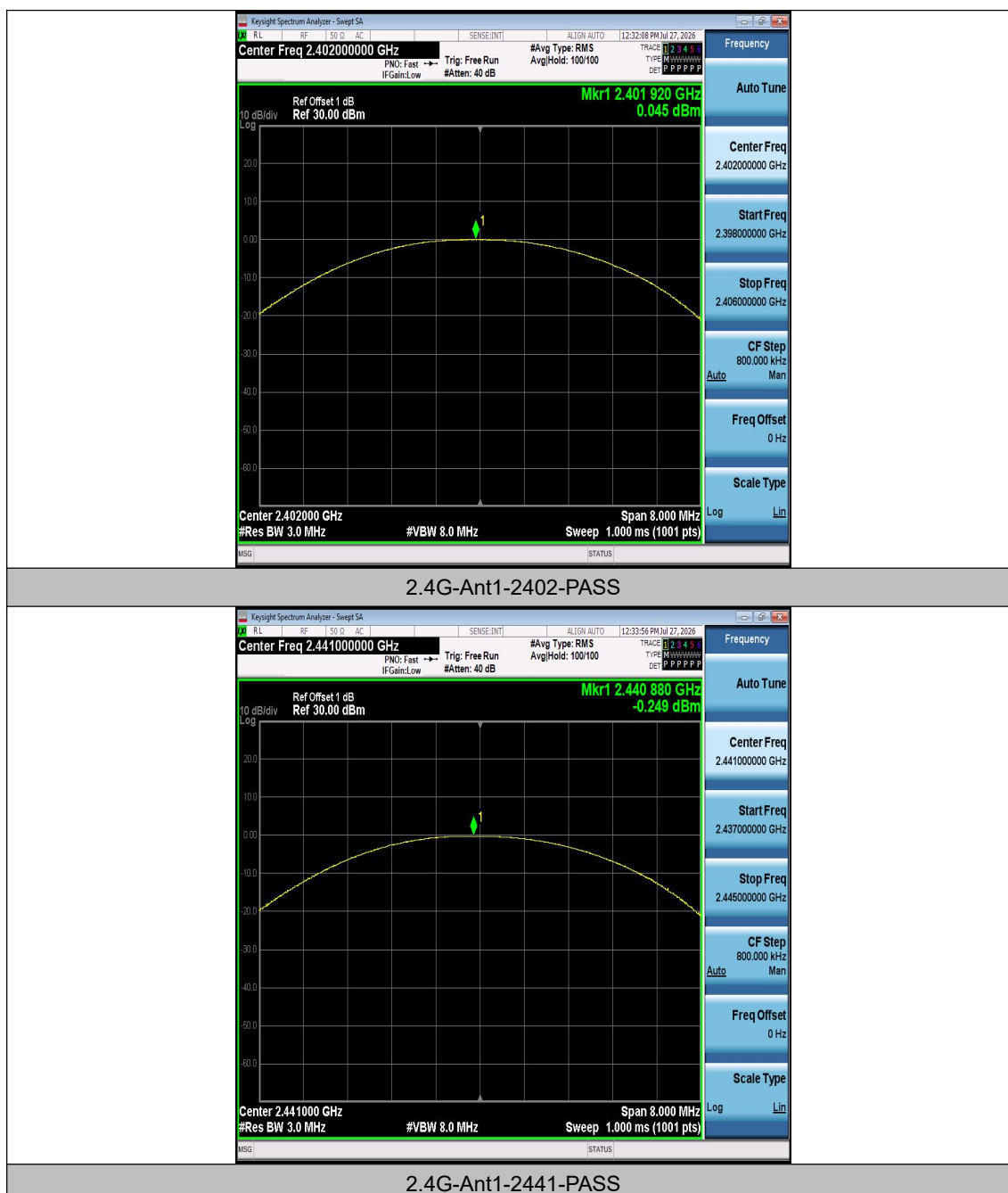
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402	0.05	≤20.97	PASS
2.4G	Ant1	2441	-0.25	≤20.97	PASS
2.4G	Ant1	2480	-0.99	≤20.97	PASS

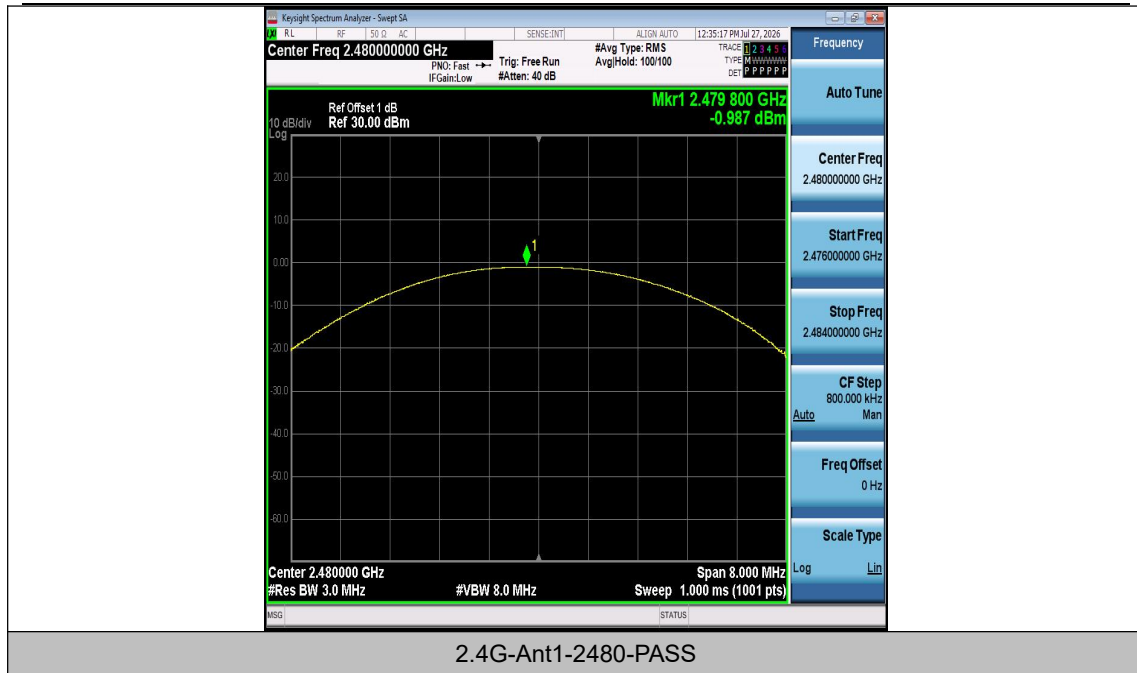
Test Graphs



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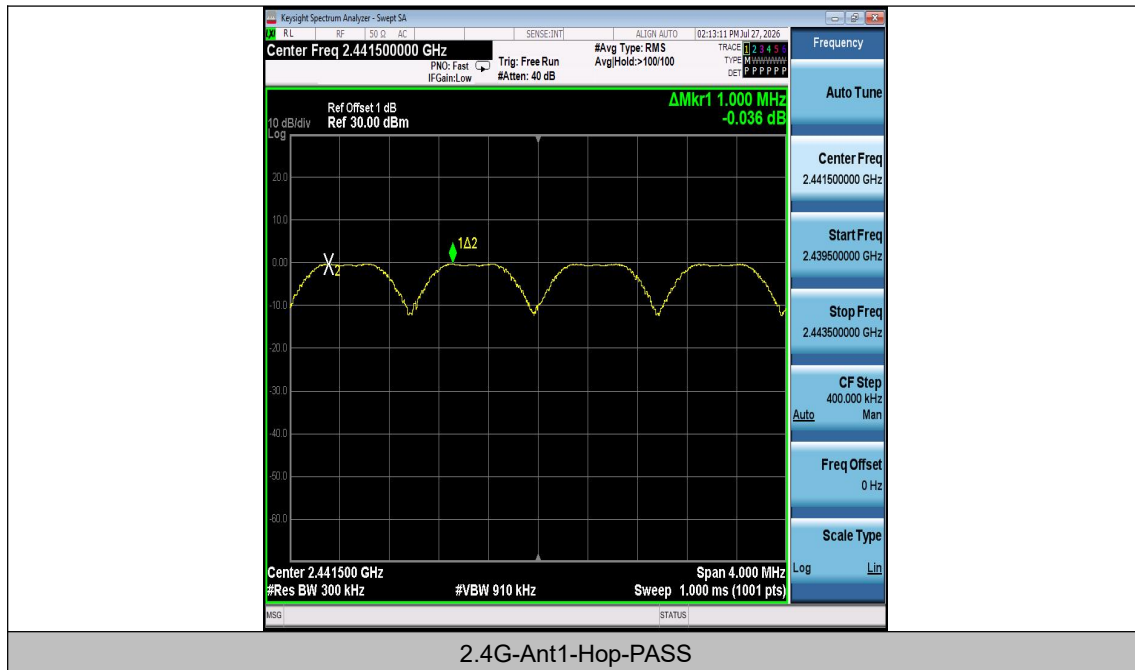
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	1.000	≥0.682	PASS

Note: Only record the worst data in the report.

Test Graphs



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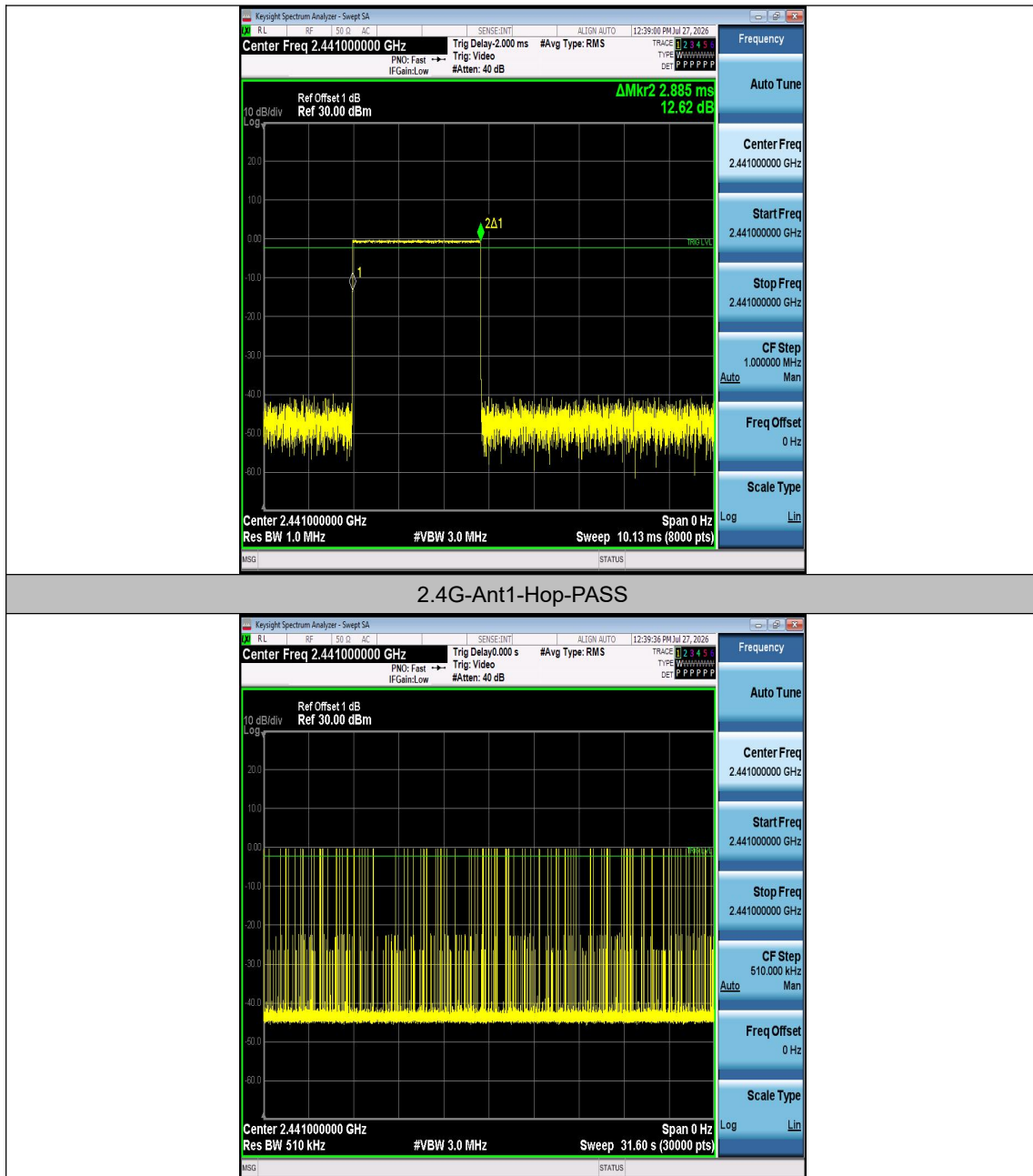
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	2.885	114	0.329	≤0.4	PASS

Test Graphs



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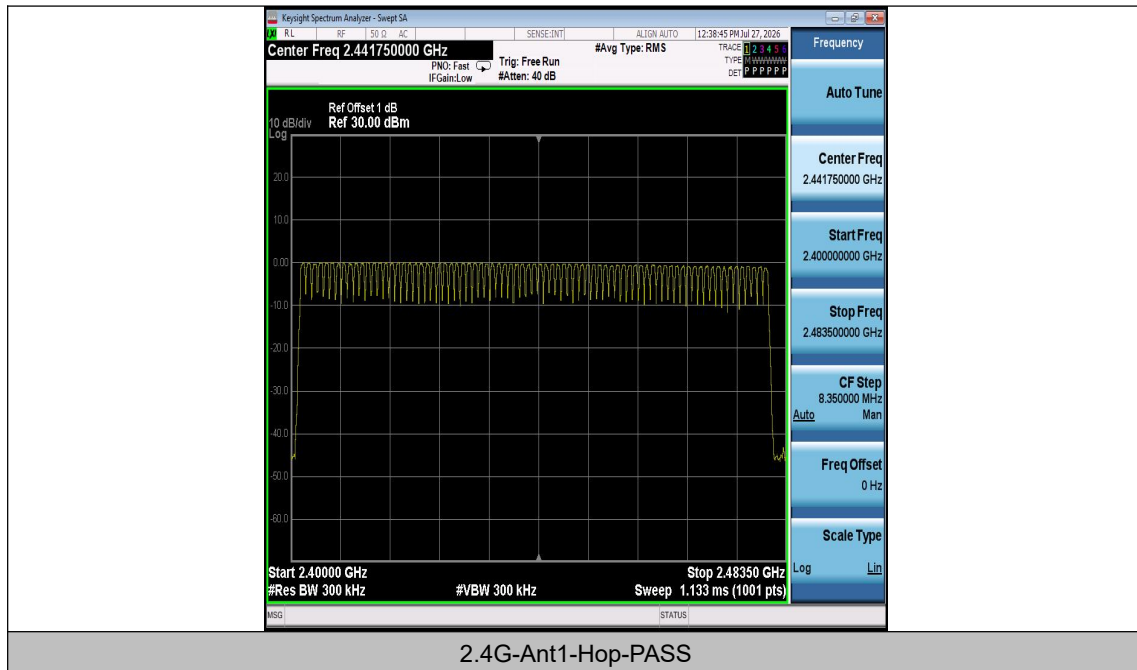
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Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
2.4G	Ant1	Hop	79	≥15	PASS

Test Graphs



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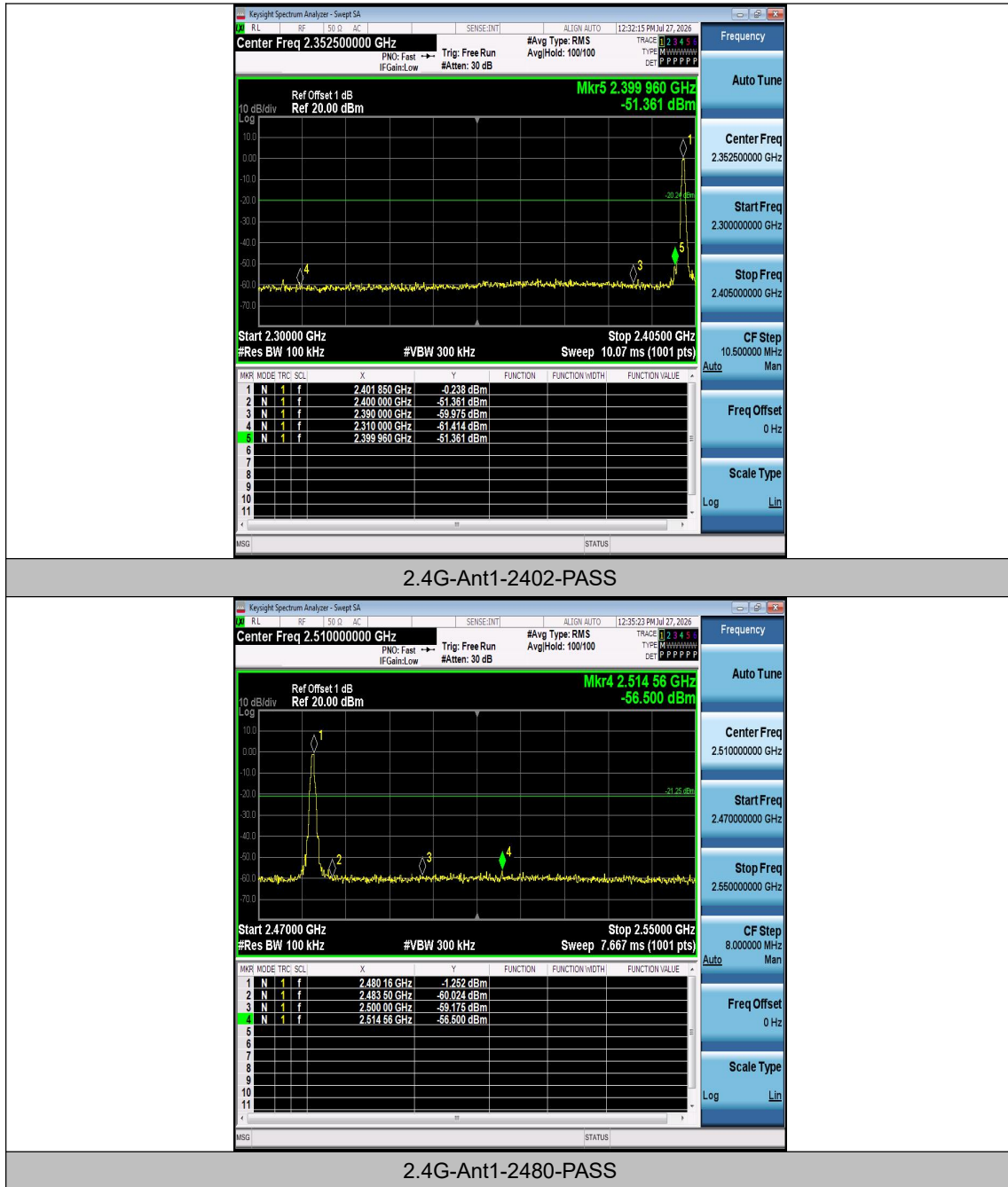
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402	-0.24	-51.36	≤ -20.24	PASS
2.4G	Ant1	High	2480	-1.25	-56.5	≤ -21.25	PASS
2.4G	Ant1	Low	Hop_2402	-0.76	-55.44	≤ -20.76	PASS
2.4G	Ant1	High	Hop_2480	-1.23	-56.22	≤ -21.23	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.

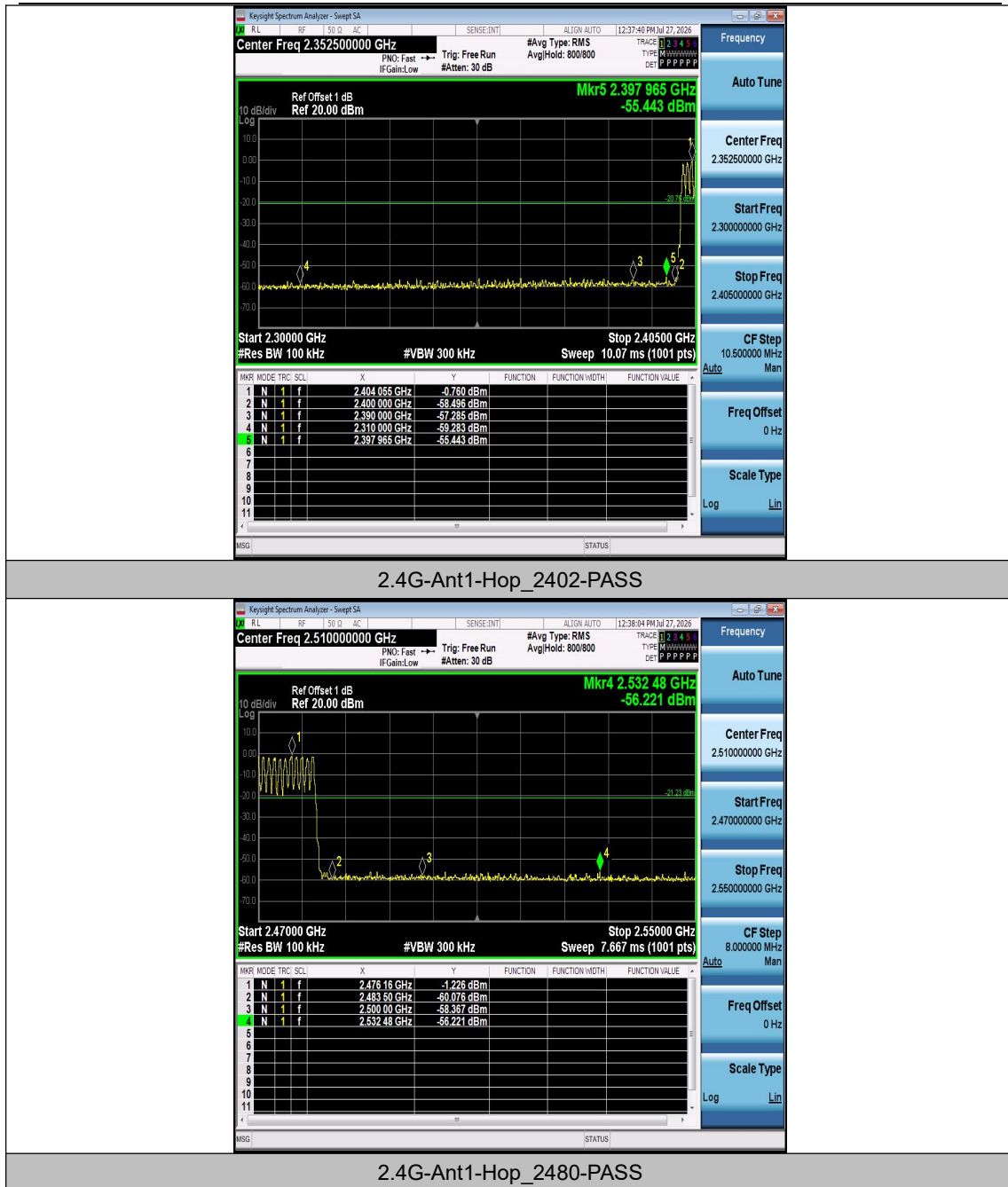
Test Graphs



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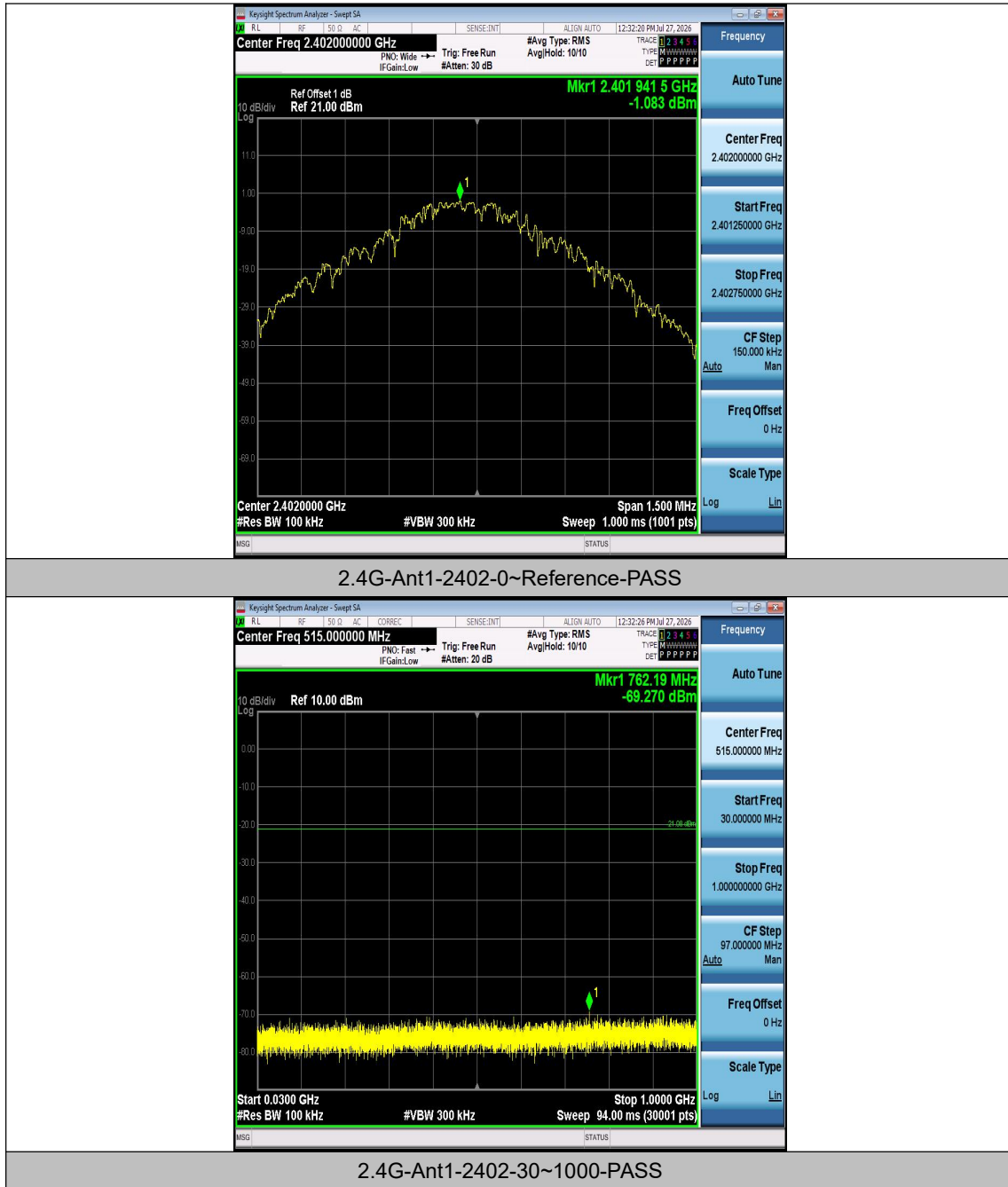
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	0~Reference	-1.08	-1.08	---	PASS
2.4G	Ant1	2402	30~1000	-1.08	-69.27	≤-21.08	PASS
2.4G	Ant1	2402	1000~26500	-1.08	-39.57	≤-21.08	PASS
2.4G	Ant1	2441	0~Reference	-0.64	-0.64	---	PASS
2.4G	Ant1	2441	30~1000	-0.64	-69.24	≤-20.64	PASS
2.4G	Ant1	2441	1000~26500	-0.64	-40.54	≤-20.64	PASS
2.4G	Ant1	2480	0~Reference	-1.40	-1.40	---	PASS
2.4G	Ant1	2480	30~1000	-1.40	-68.8	≤-21.4	PASS
2.4G	Ant1	2480	1000~26500	-1.40	-40.99	≤-21.4	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.

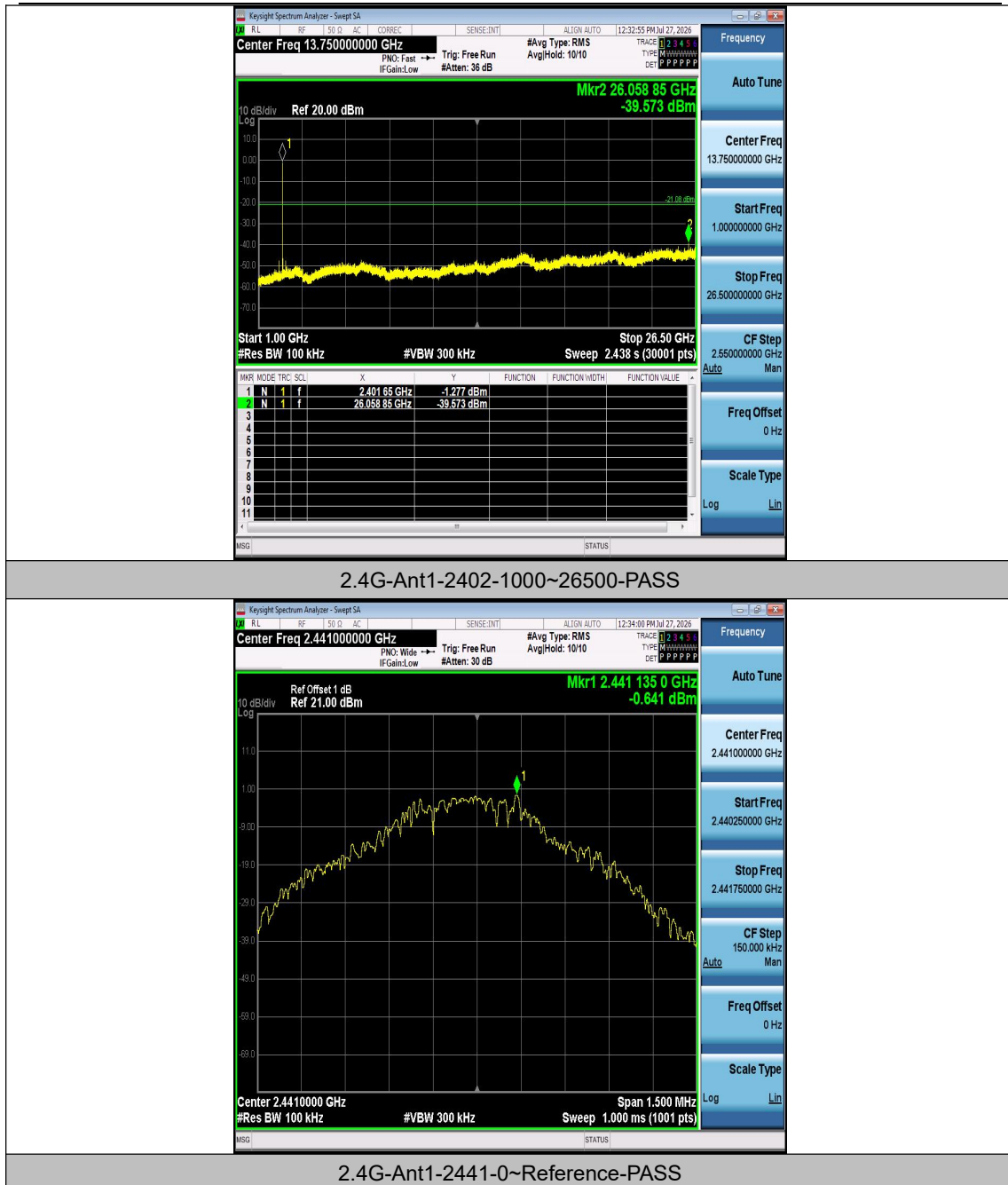
Test Graphs

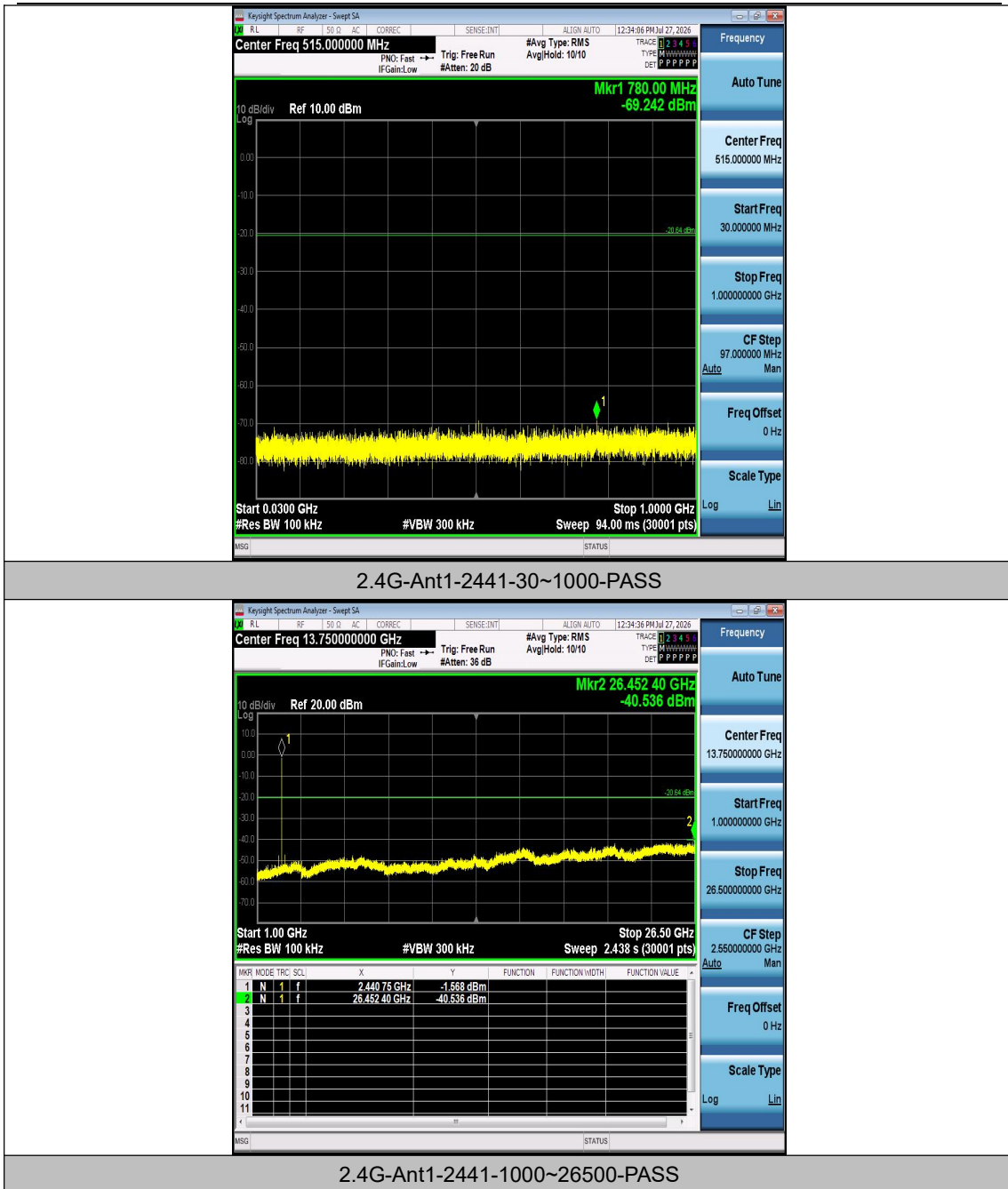


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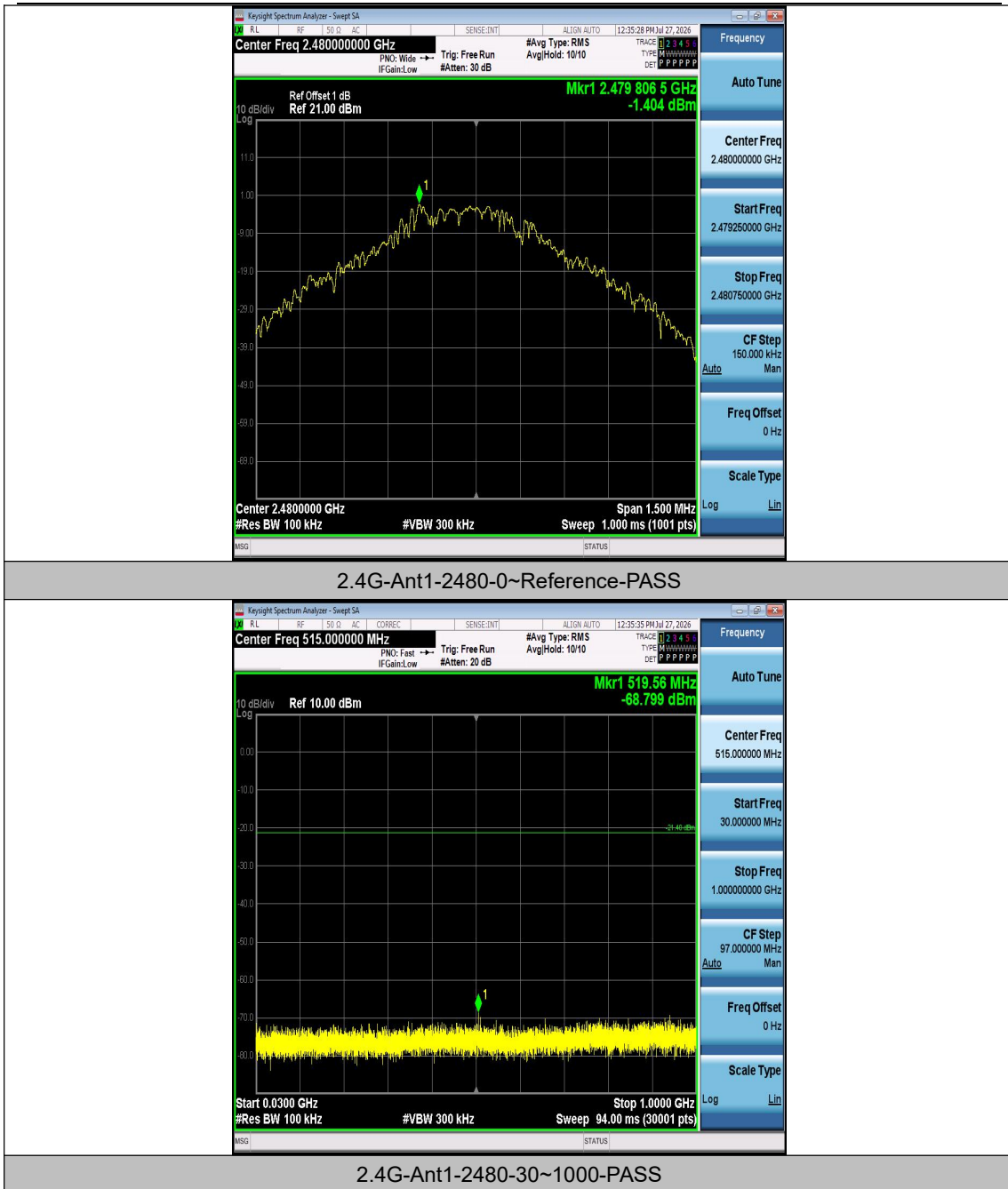




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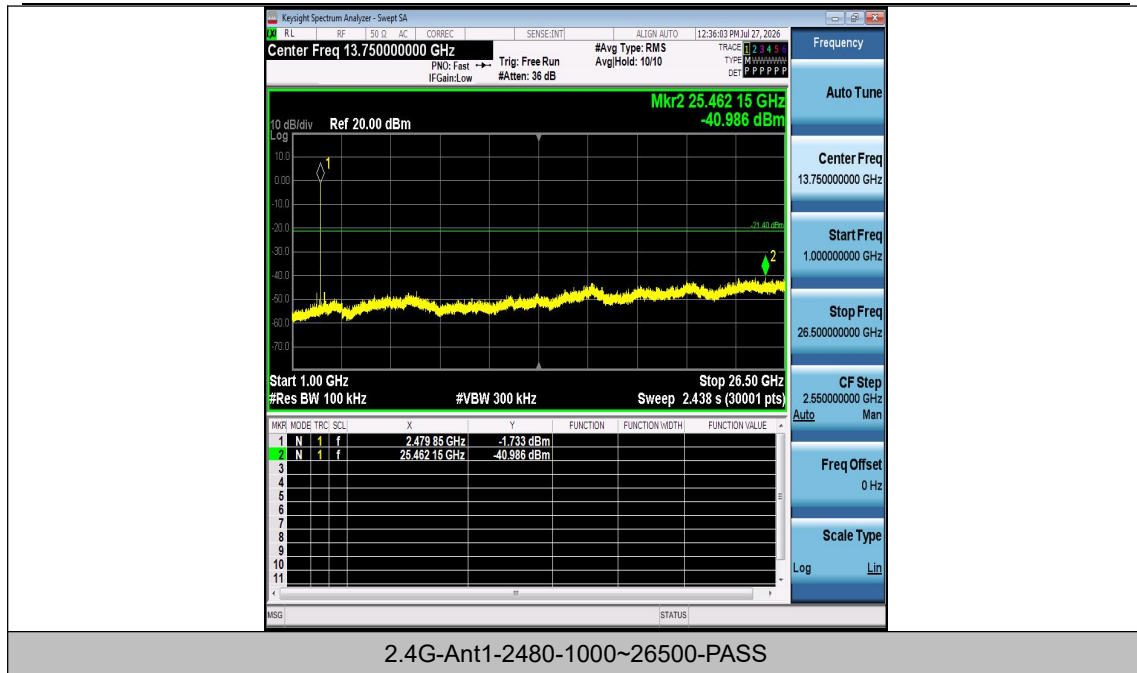
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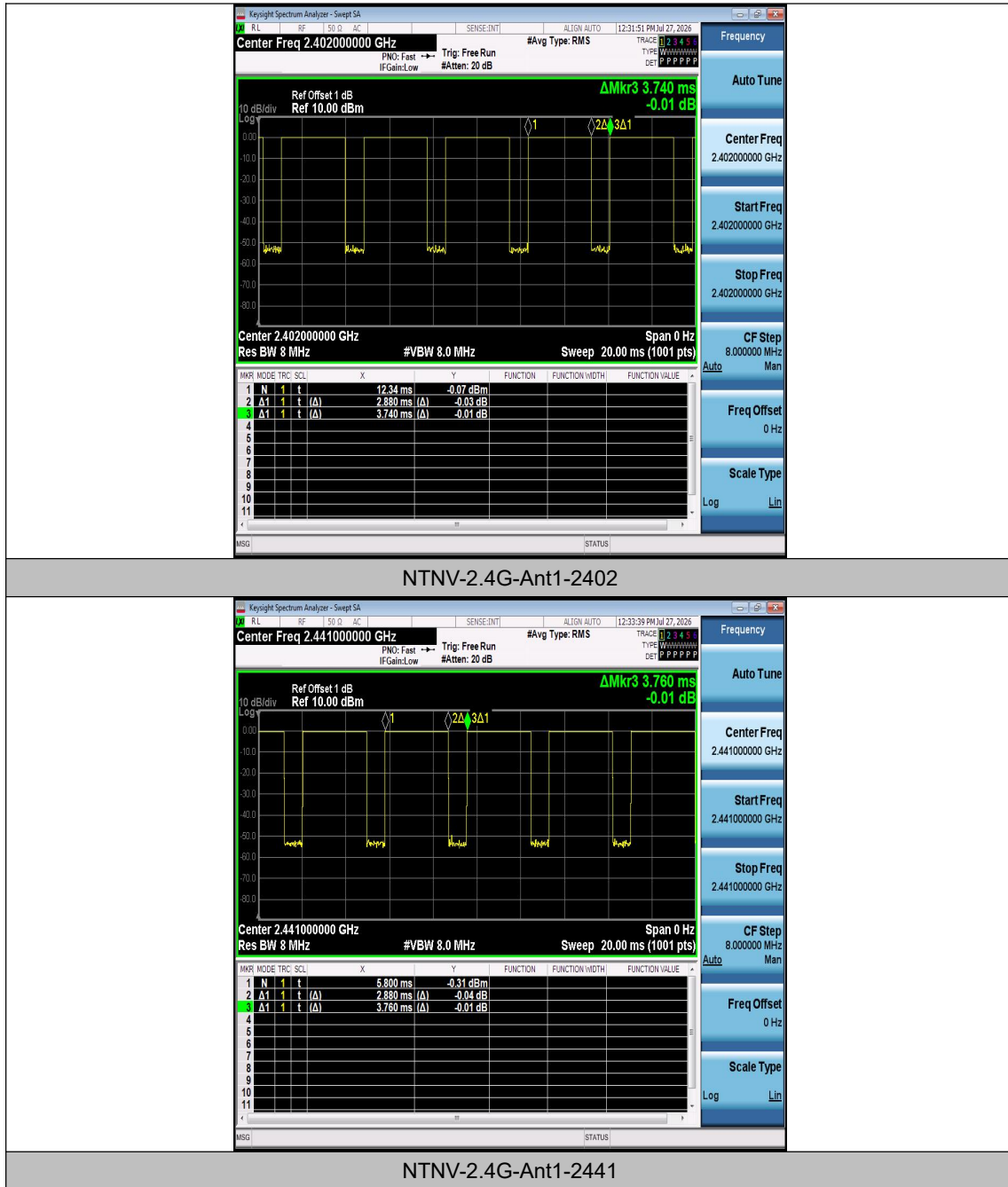
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2402	2.88	3.74	77.01	1.13
2.4G	Ant1	2441	2.88	3.76	76.60	1.16
2.4G	Ant1	2480	2.88	3.74	77.01	1.13

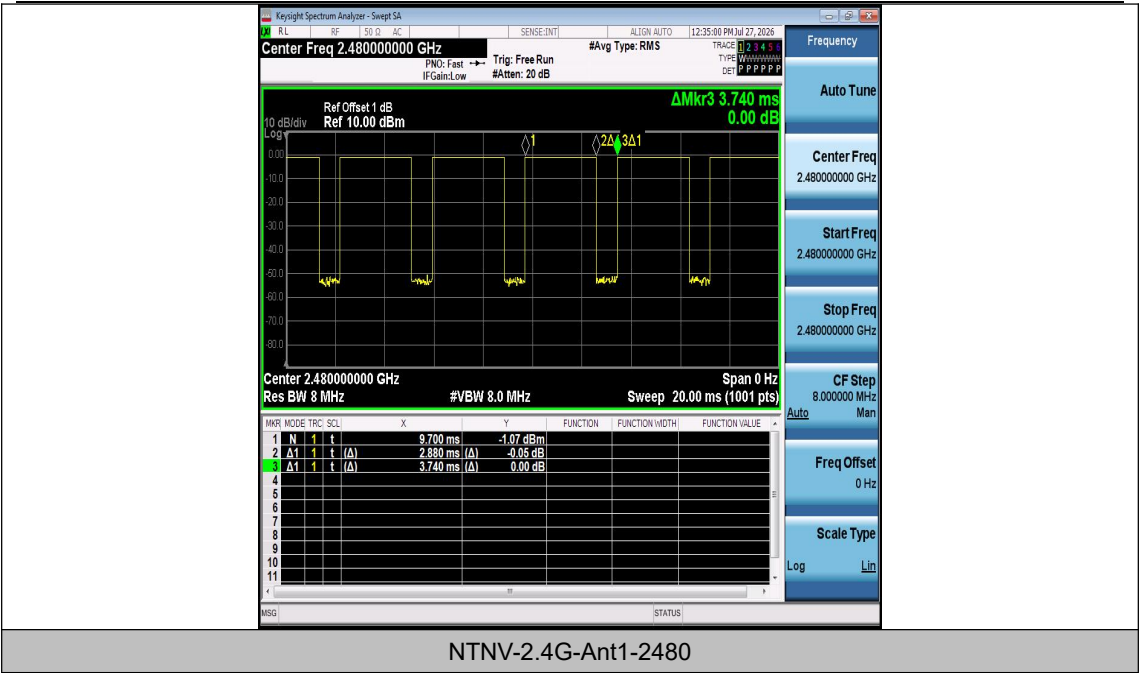
Test Graphs



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