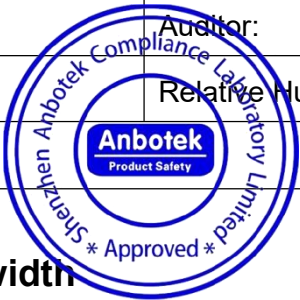


Appendix Test Data

Report No.:	1812C50529812501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-20	Finish Test Date:	2025-10-21
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	22°C	Relative Humidity:	53%
Pressure:	101kPa		

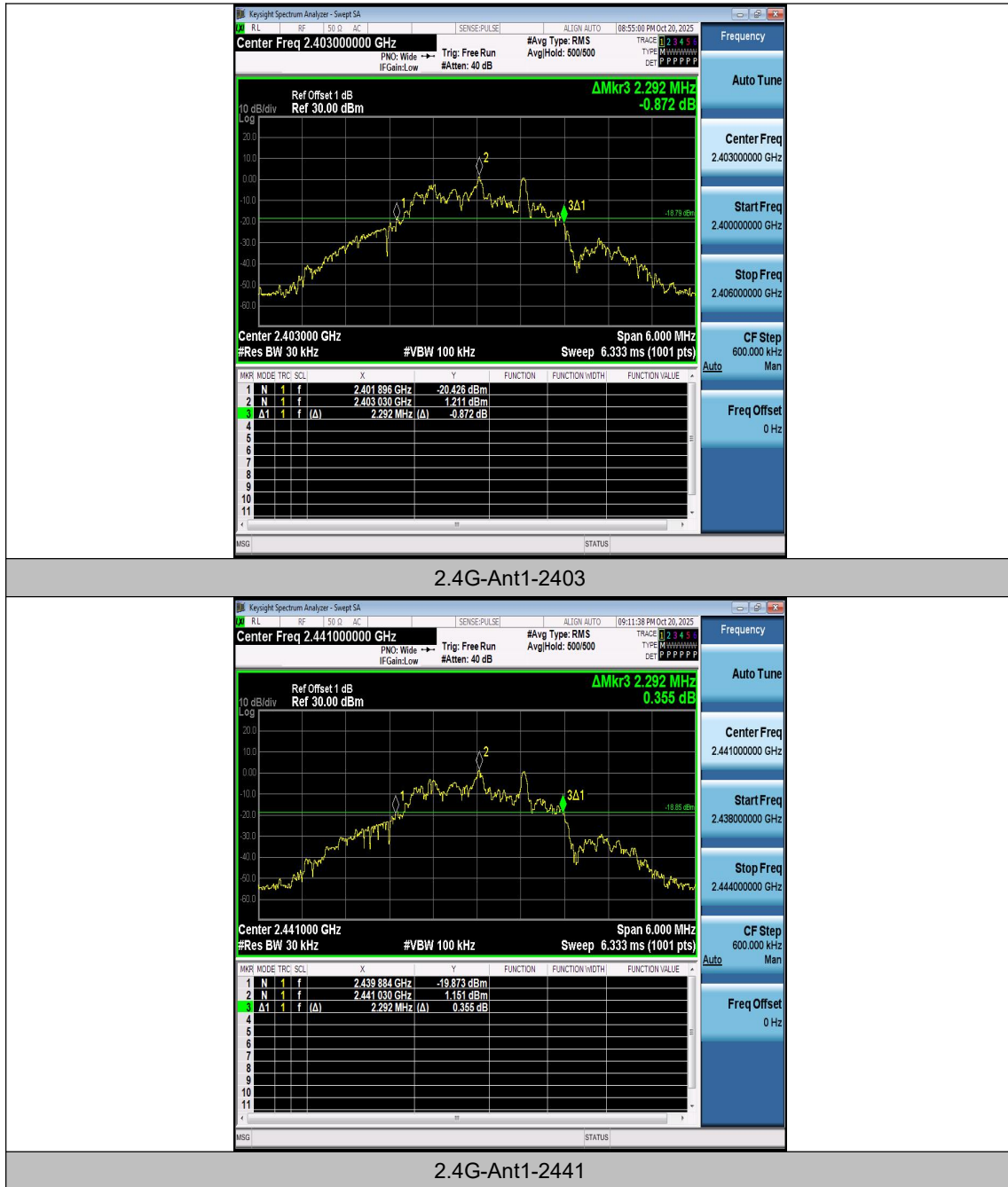


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.292	2401.896	2404.188	---	---
2.4G	Ant1	2441	2.292	2439.884	2442.176	---	---
2.4G	Ant1	2480	2.166	2479.010	2481.176	---	---

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	2.2432	2401.8707	2404.1139	---	---
2.4G	Ant1	2441	2.2282	2439.8842	2442.1124	---	---
2.4G	Ant1	2480	2.1991	2478.8979	2481.0970	---	---

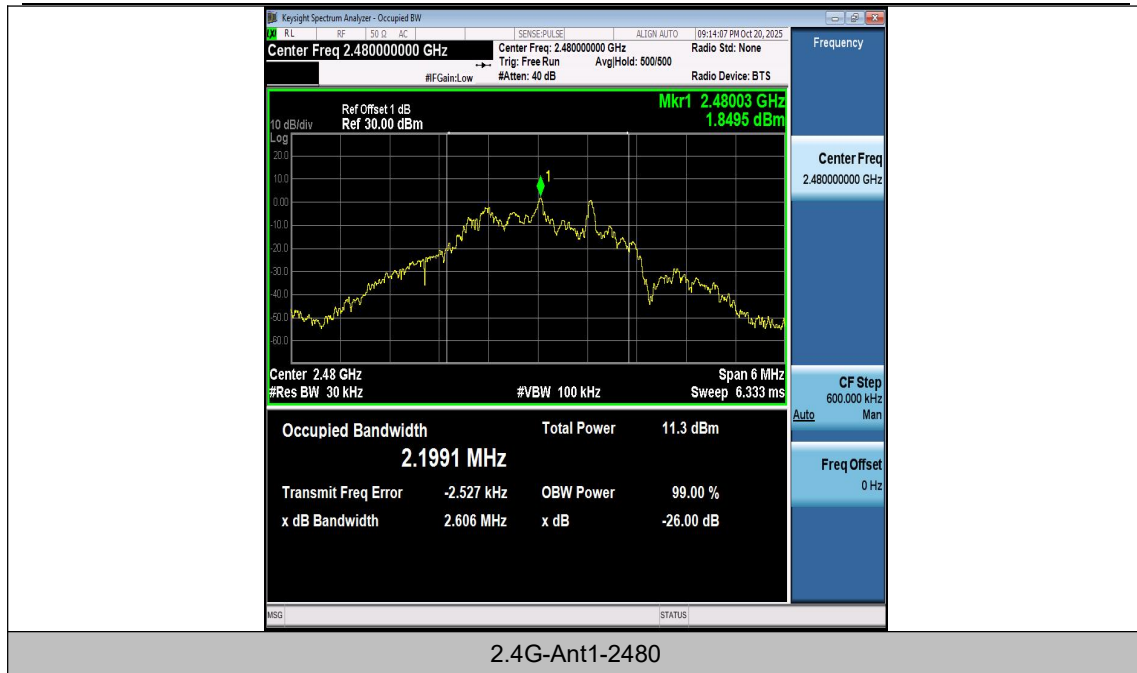
Test Graphs



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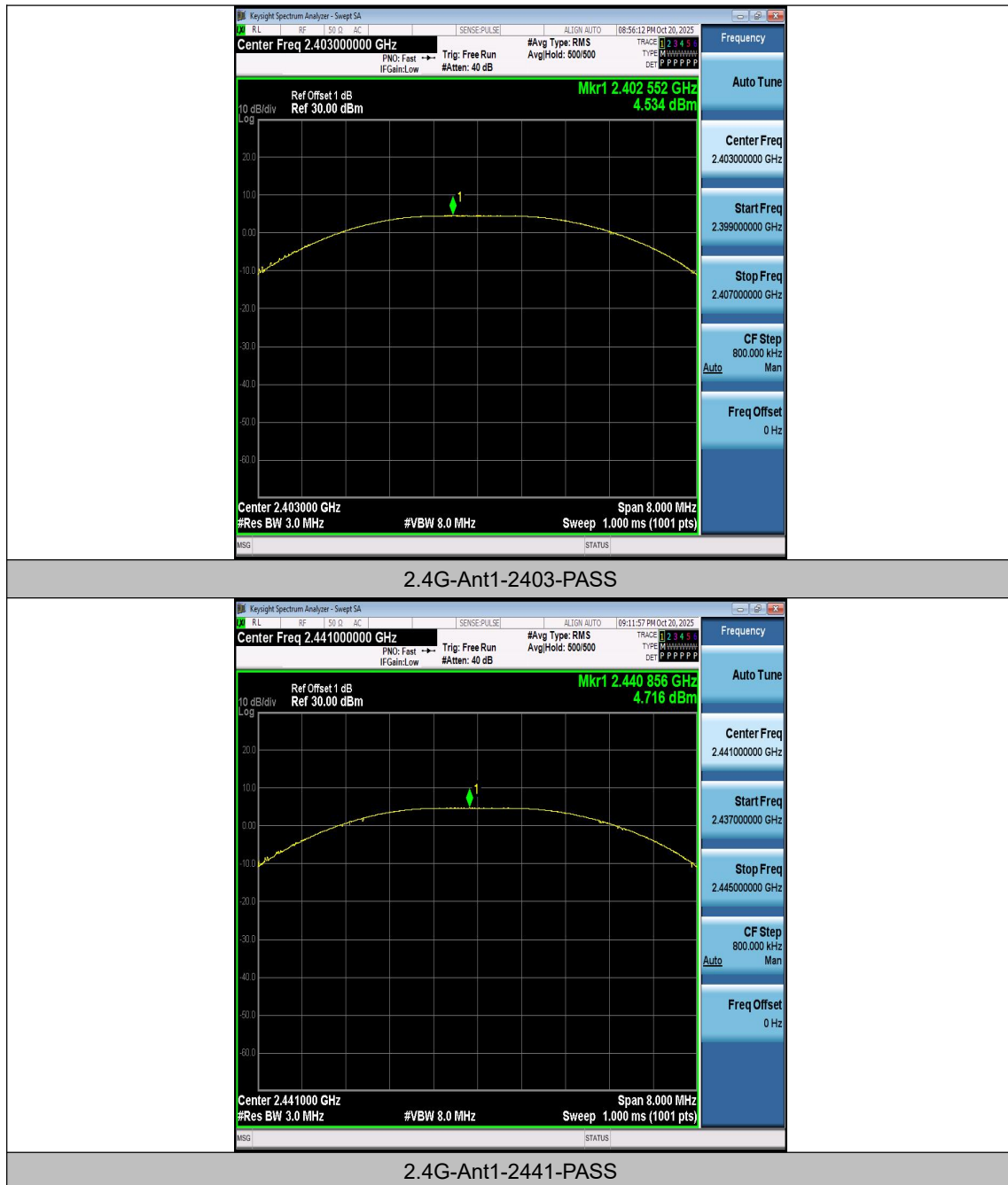
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	4.53	≤20.97	PASS
2.4G	Ant1	2441	4.72	≤20.97	PASS
2.4G	Ant1	2480	4.90	≤20.97	PASS

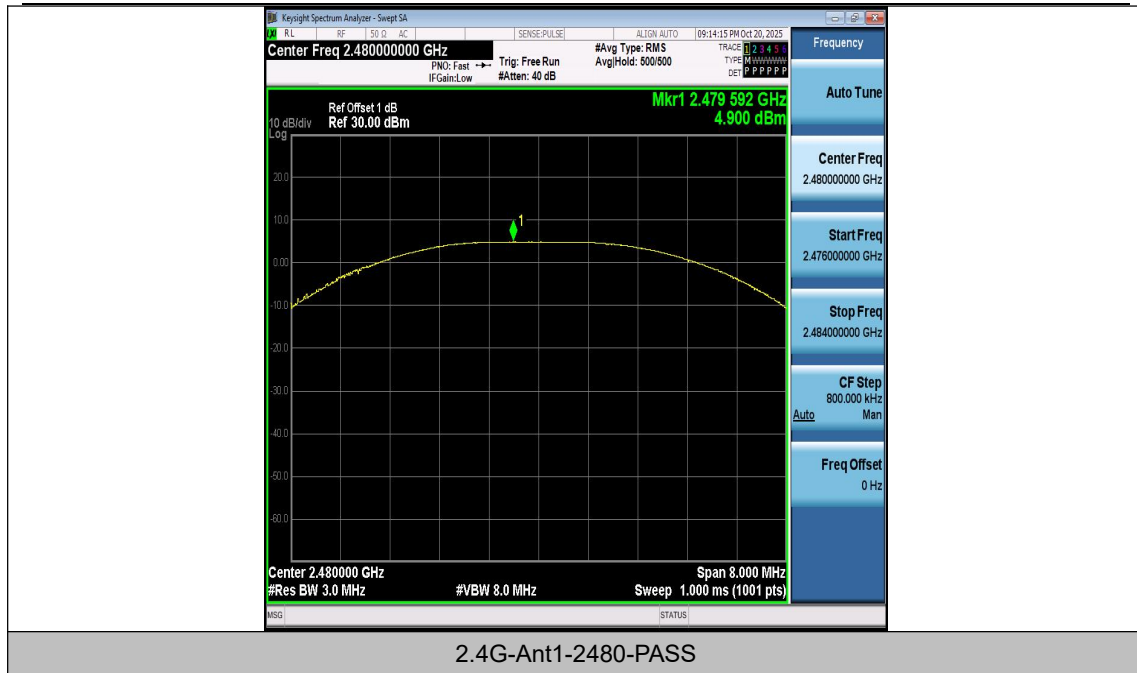
Test Graphs



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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	1.992	>1.528	PASS

Note: Only record the worst data in the report.

Test Graphs

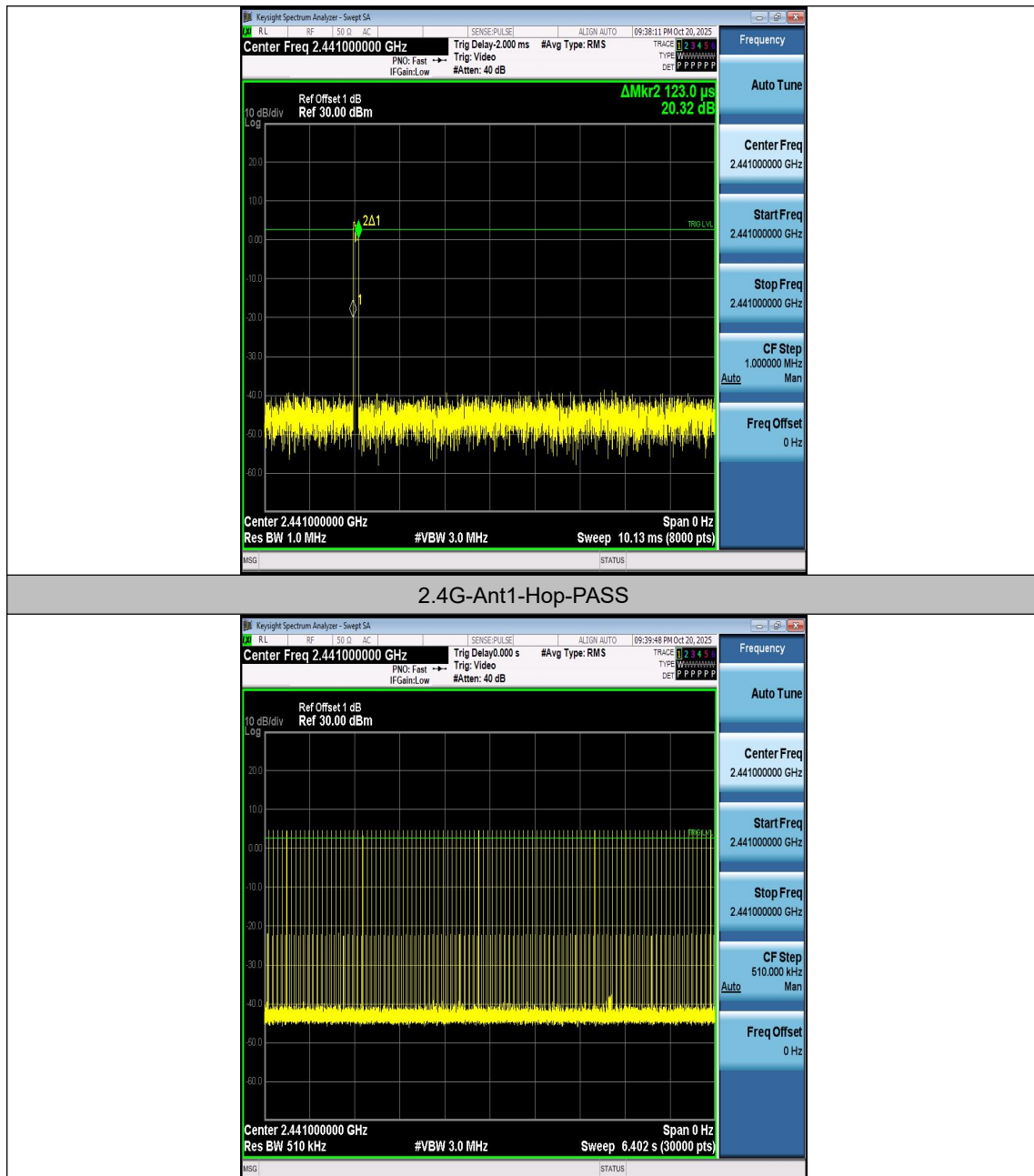


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.123	101	0.012	≤0.4	PASS

Test Graphs

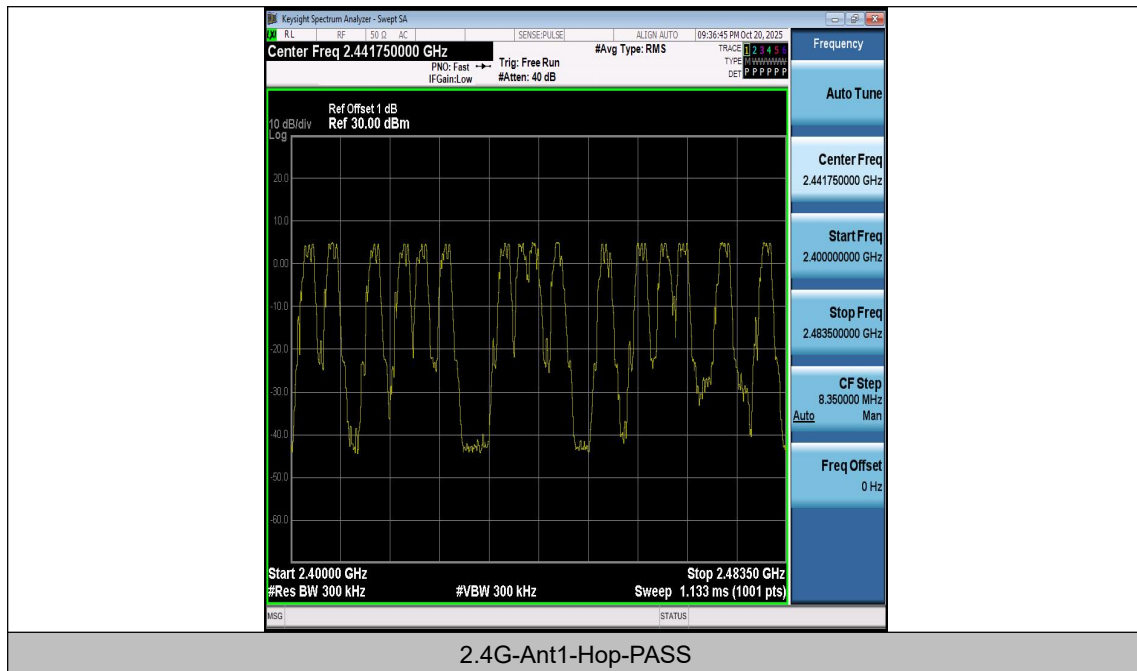


Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs



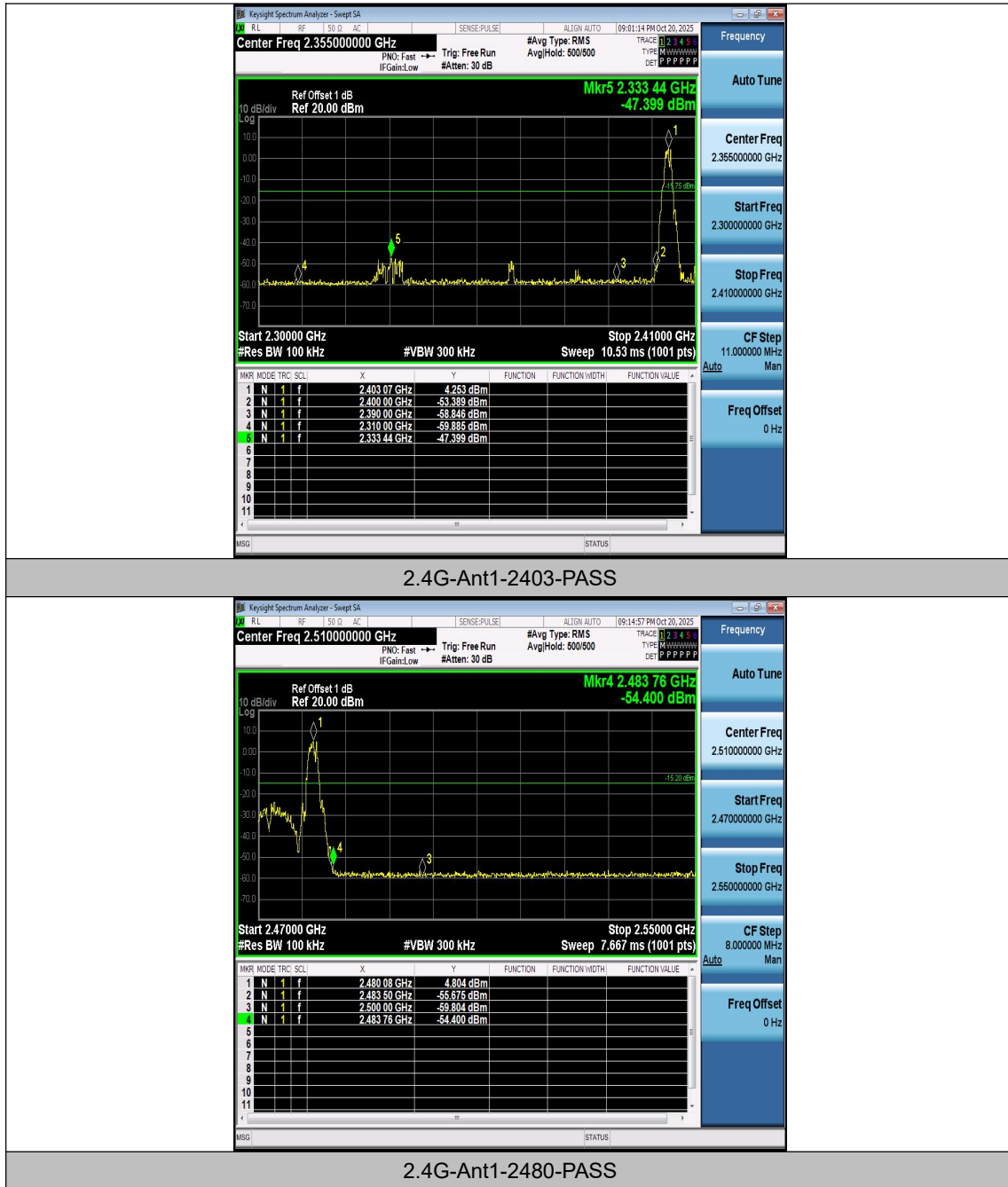
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	4.25	-47.4	≤-15.75	PASS
2.4G	Ant1	High	2480	4.80	-54.4	≤-15.2	PASS
2.4G	Ant1	Low	Hop	4.74	-47.59	≤-15.26	PASS
2.4G	Ant1	High	Hop	4.83	-44.26	≤-15.17	PASS

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

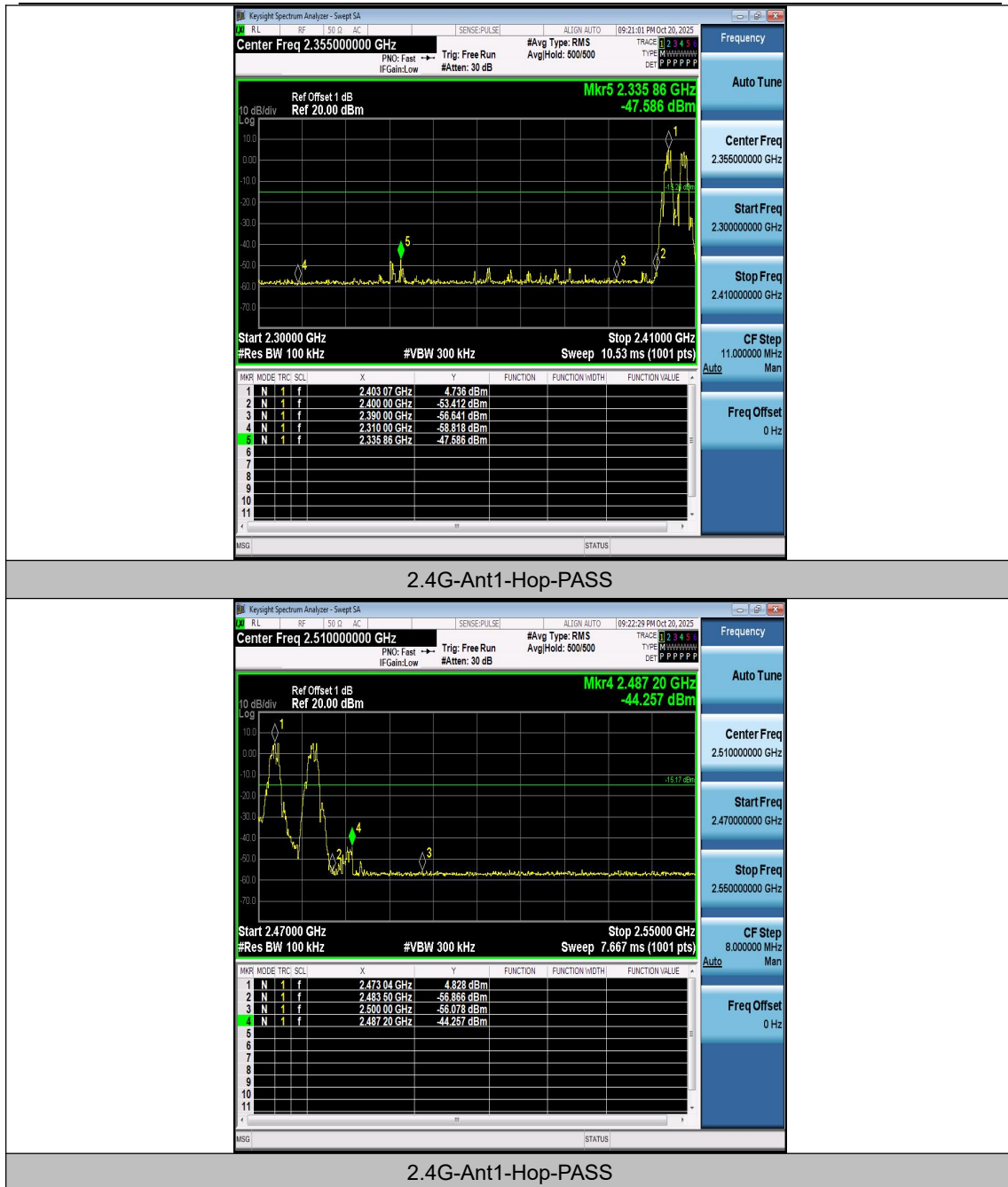
Test Graphs



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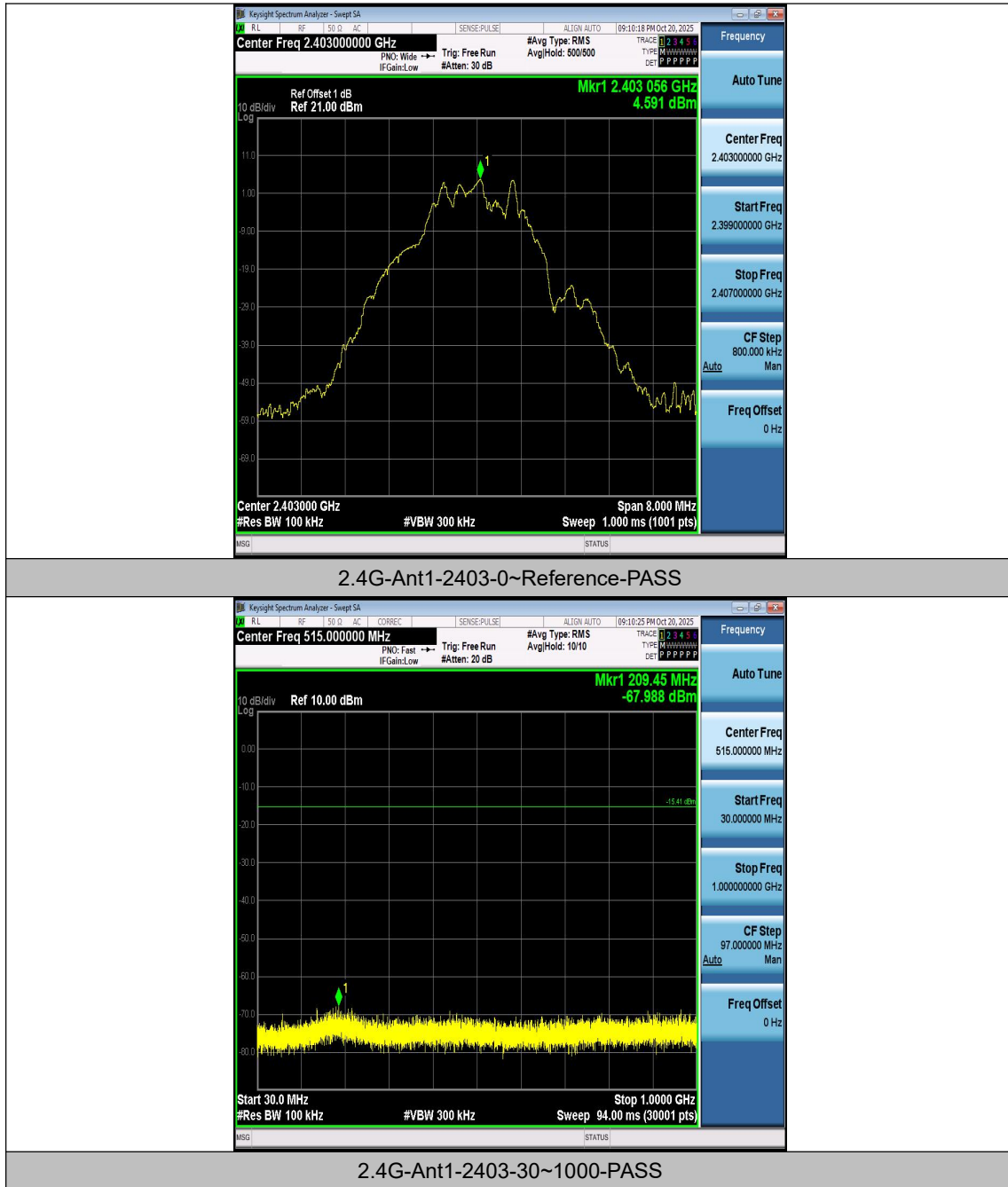
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	4.59	4.59	---	PASS
2.4G	Ant1	2403	30~1000	4.59	-67.99	≤-15.41	PASS
2.4G	Ant1	2403	1000~26500	4.59	-51.65	≤-15.41	PASS
2.4G	Ant1	2441	0~Reference	4.63	4.63	---	PASS
2.4G	Ant1	2441	30~1000	4.63	-67.85	≤-15.37	PASS
2.4G	Ant1	2441	1000~26500	4.63	-53.71	≤-15.37	PASS
2.4G	Ant1	2480	0~Reference	4.85	4.85	---	PASS
2.4G	Ant1	2480	30~1000	4.85	-67.57	≤-15.15	PASS
2.4G	Ant1	2480	1000~26500	4.85	-53.24	≤-15.15	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

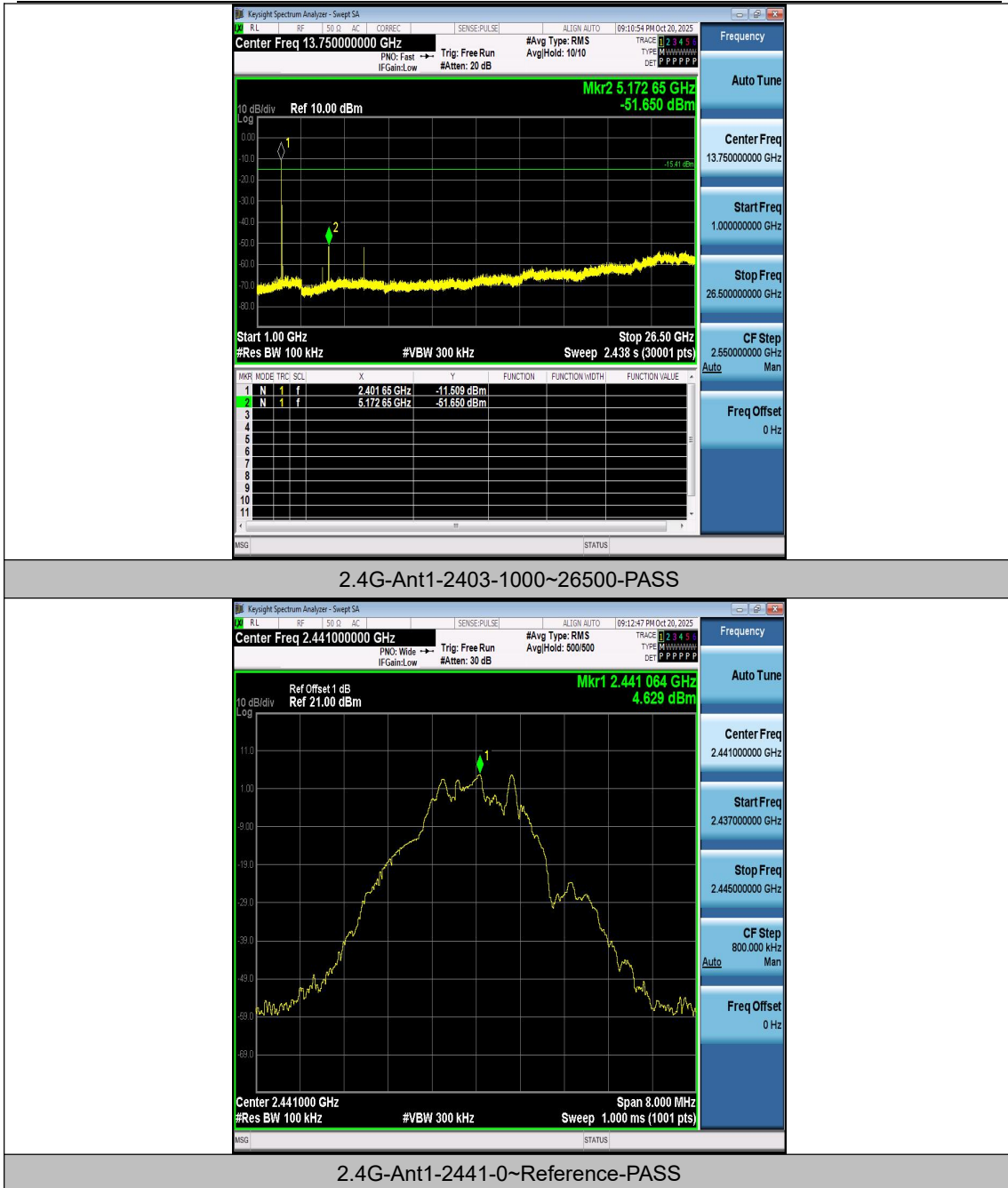
Test Graphs



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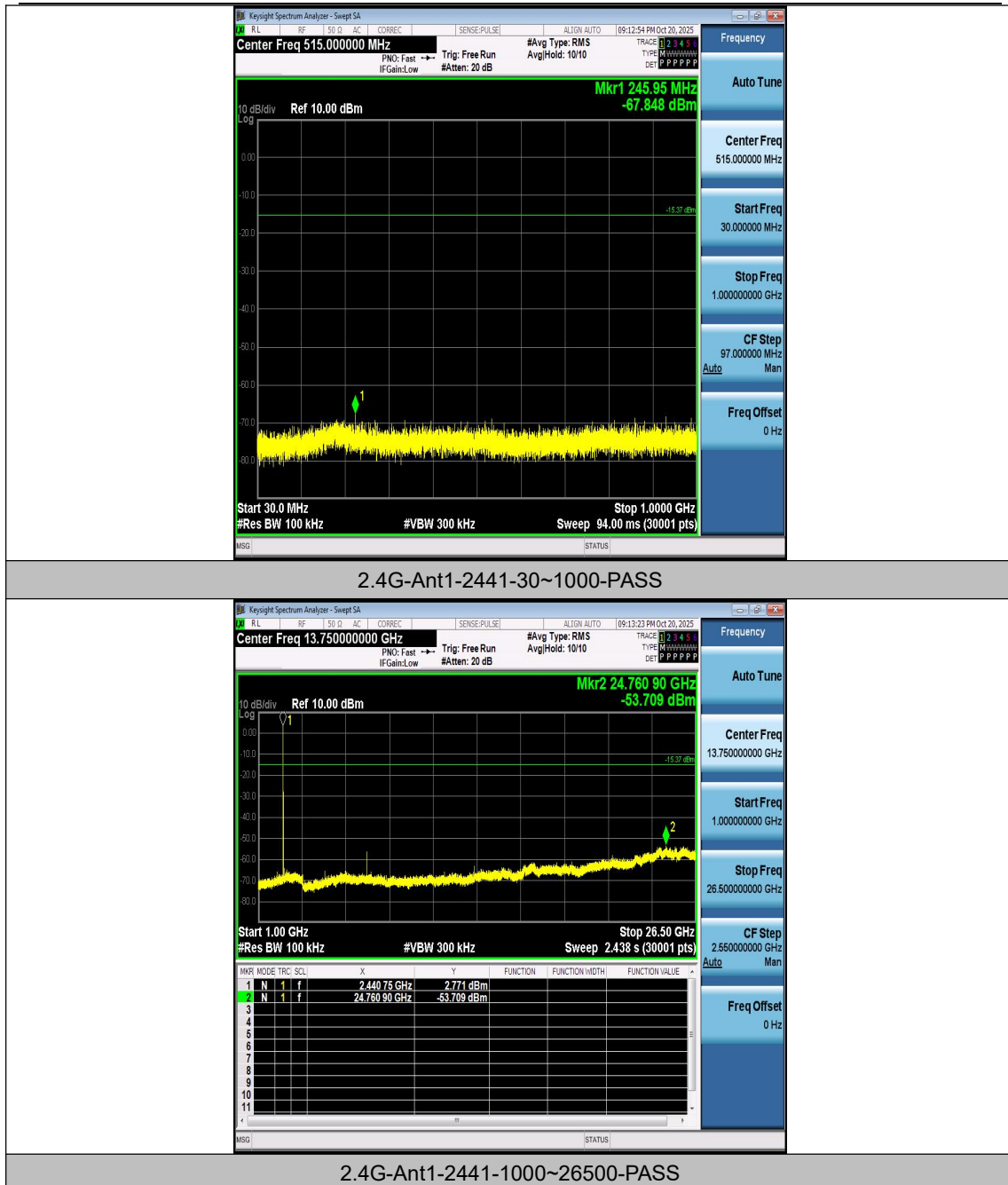
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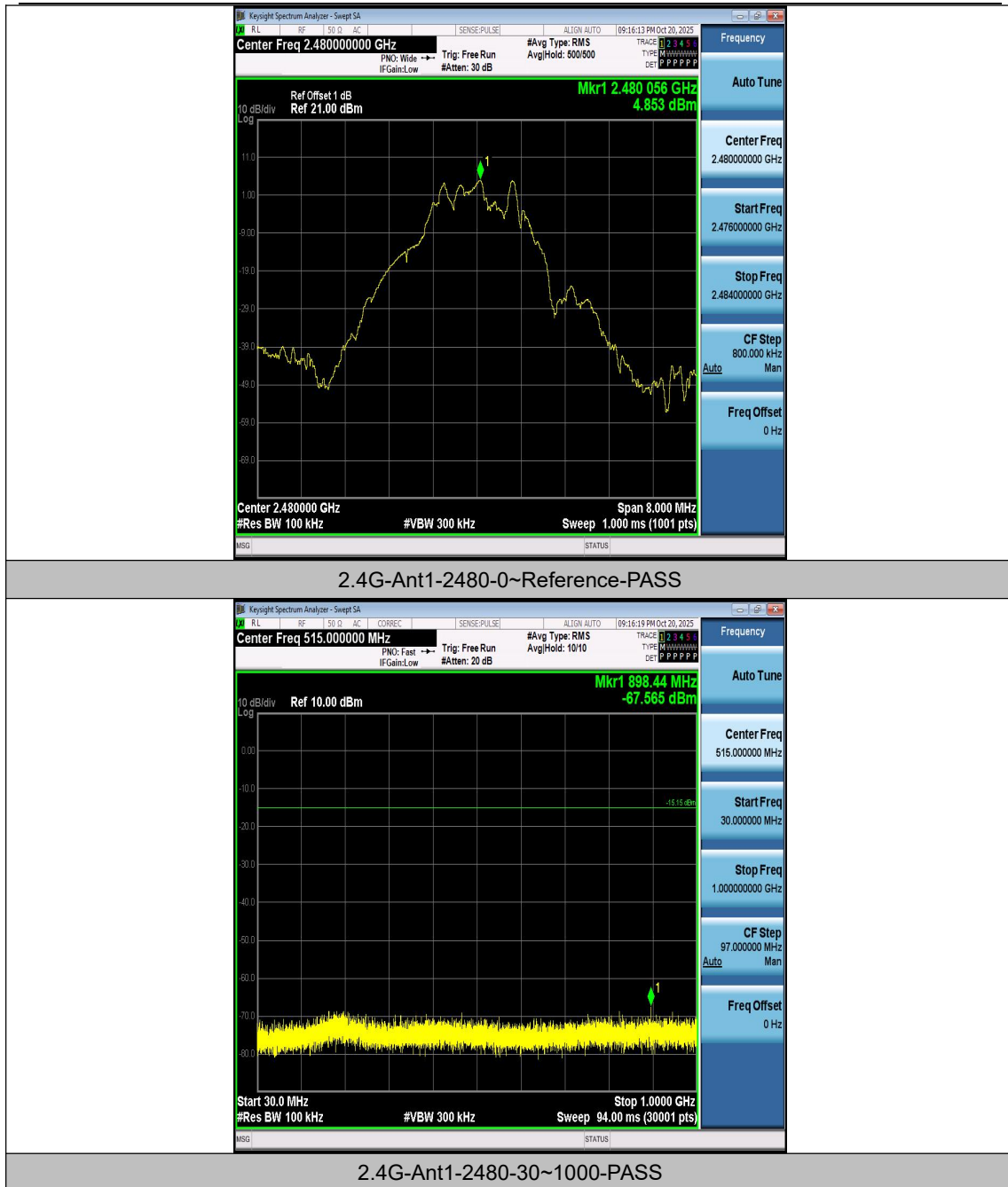
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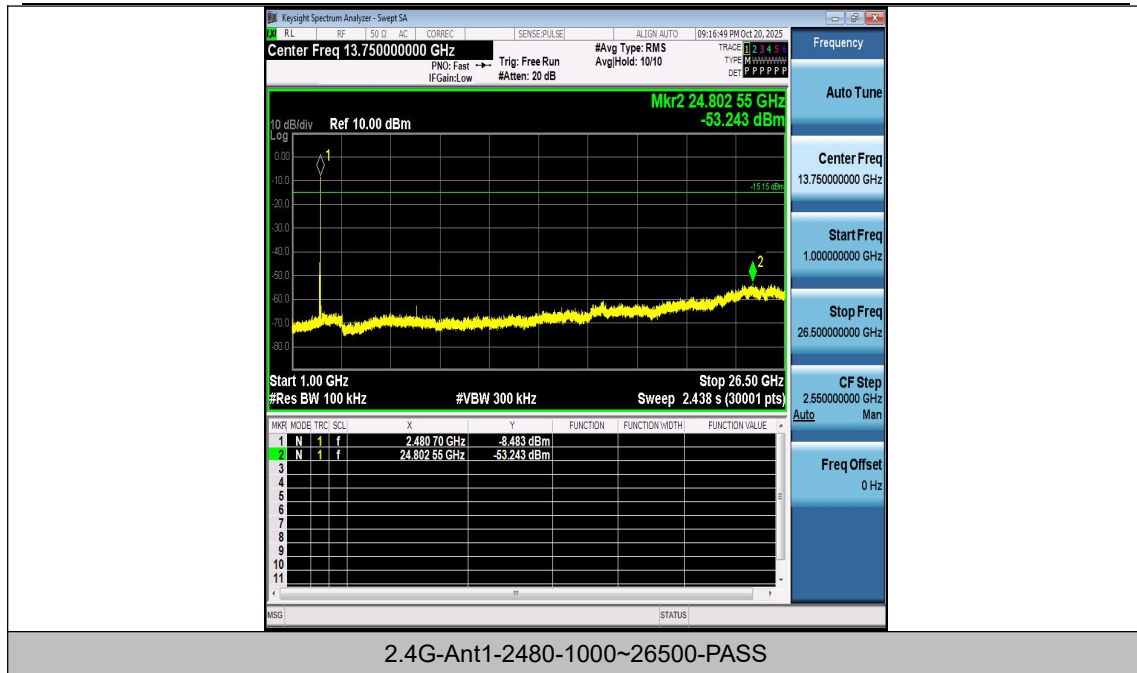
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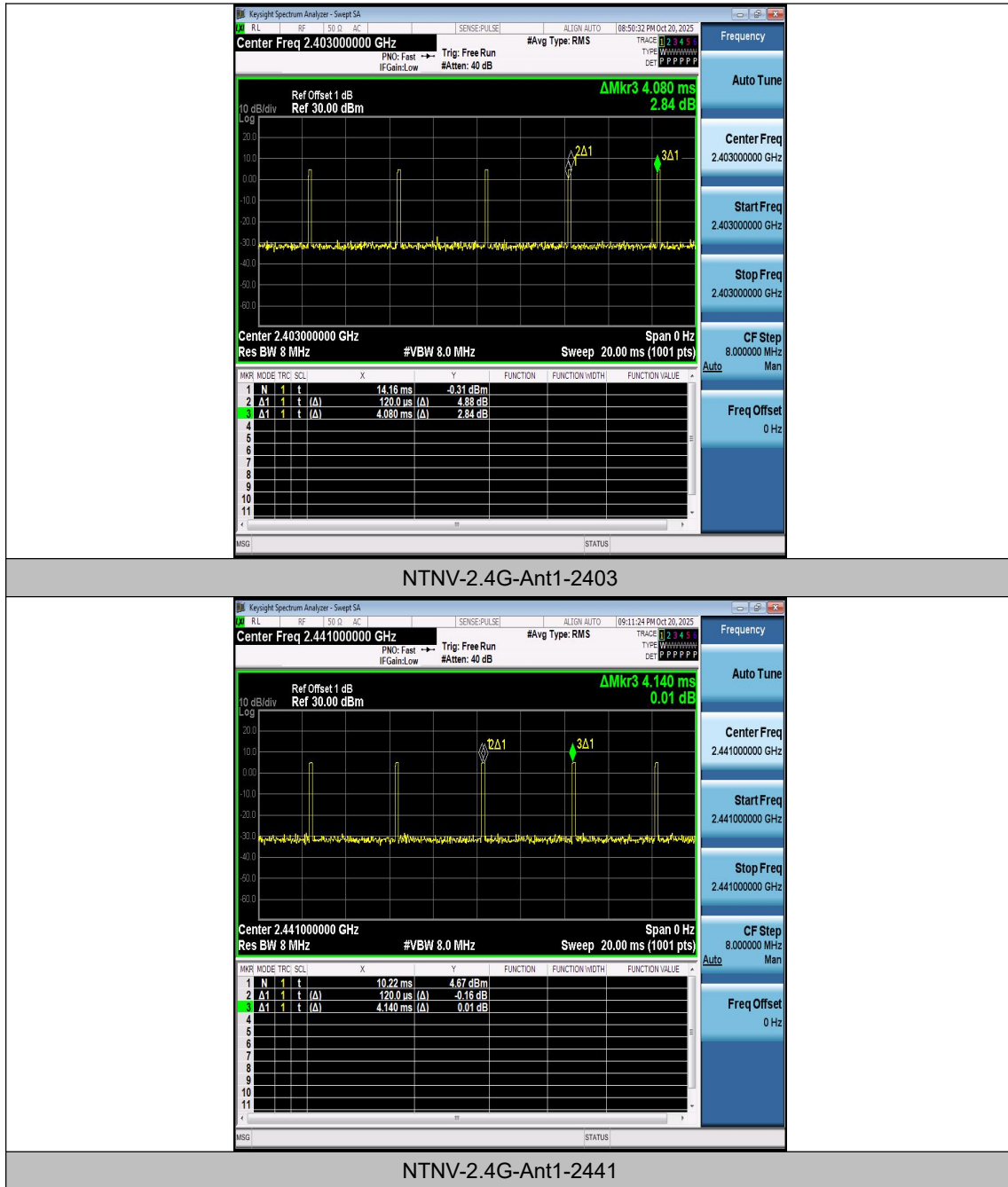
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	4.08	2.94	15.32
2.4G	Ant1	2441	0.12	4.14	2.90	15.38
2.4G	Ant1	2480	0.12	3.94	3.05	15.16

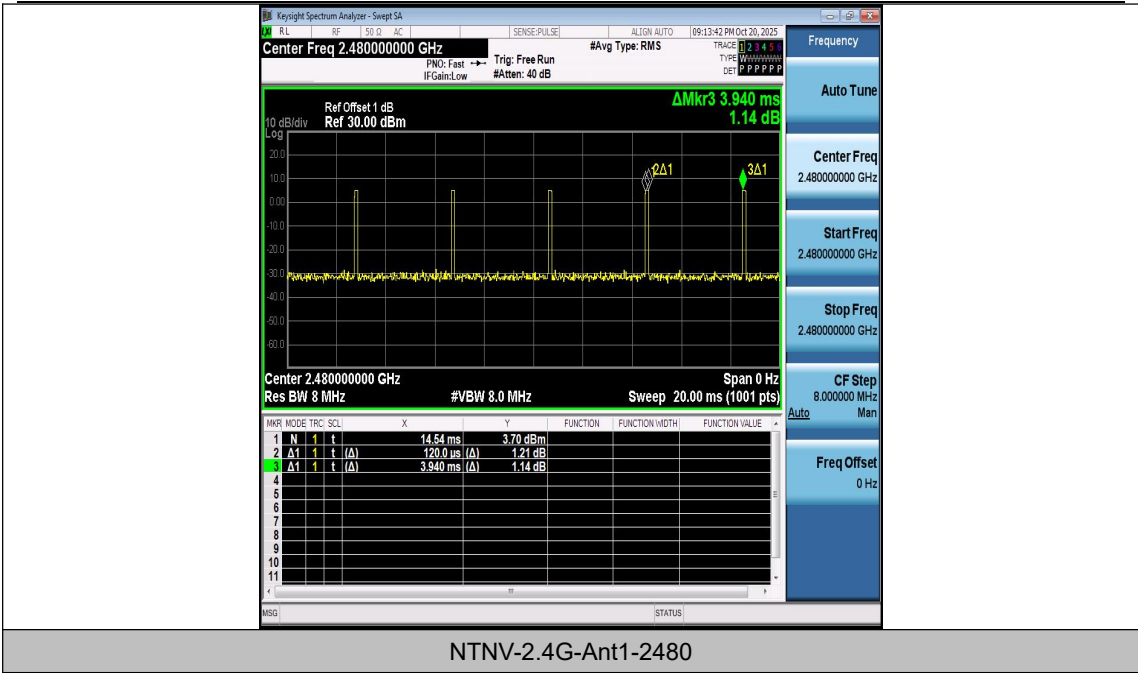
Test Graphs



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NTNV-2.4G-Ant1-2480

---End---