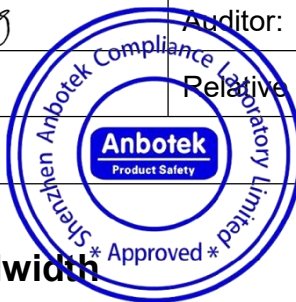


Appendix Test Data

Report No.:	1812C50507112502-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-14	Finish Test Date:	2025-10-31
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	25.4°C	Relative Humidity:	64%
Pressure:	101kPa		



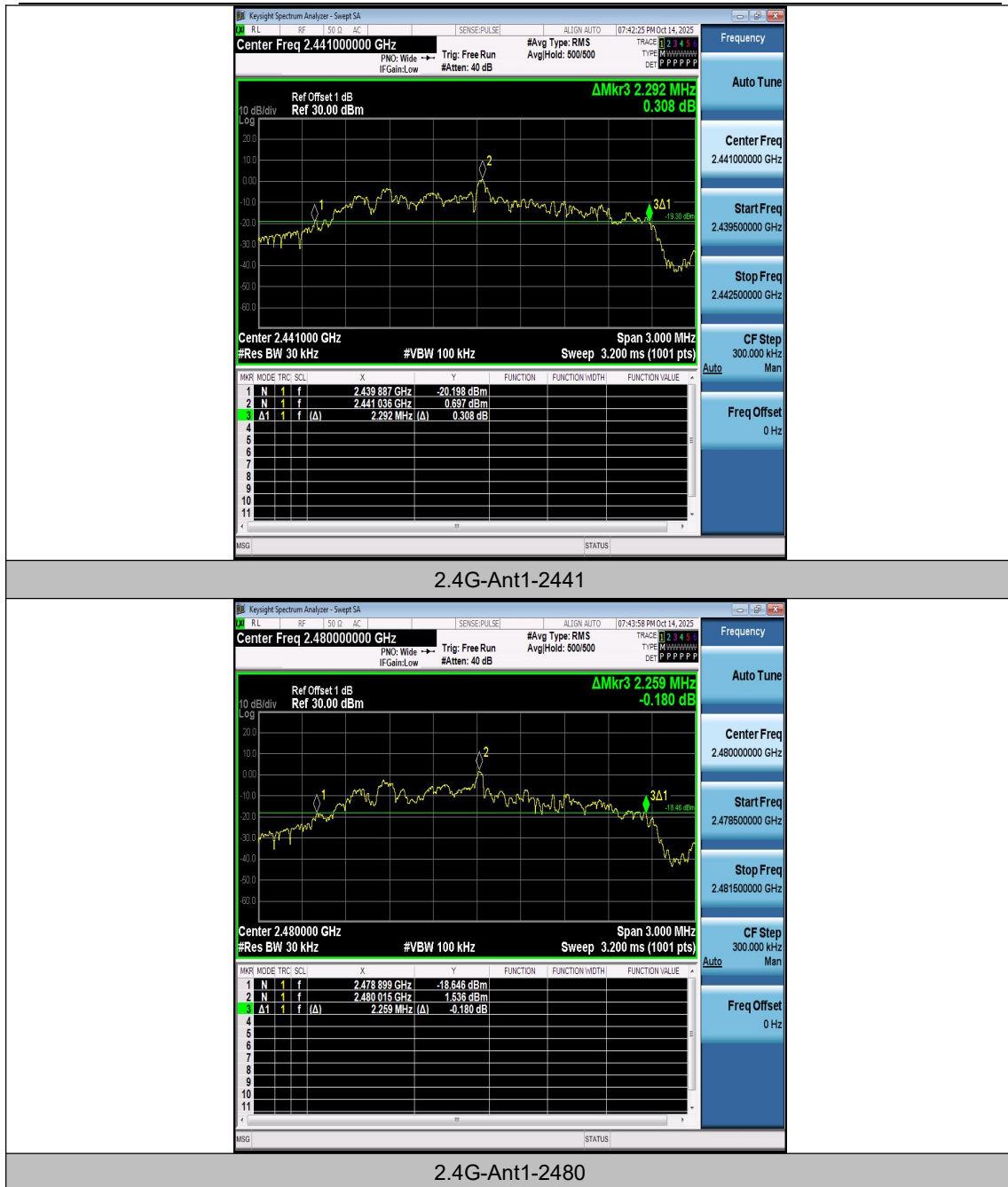
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.316	2401.887	2404.203	---	---
2.4G	Ant1	2441	2.292	2439.887	2442.179	---	---
2.4G	Ant1	2480	2.259	2478.899	2481.158	---	---

Test Graphs





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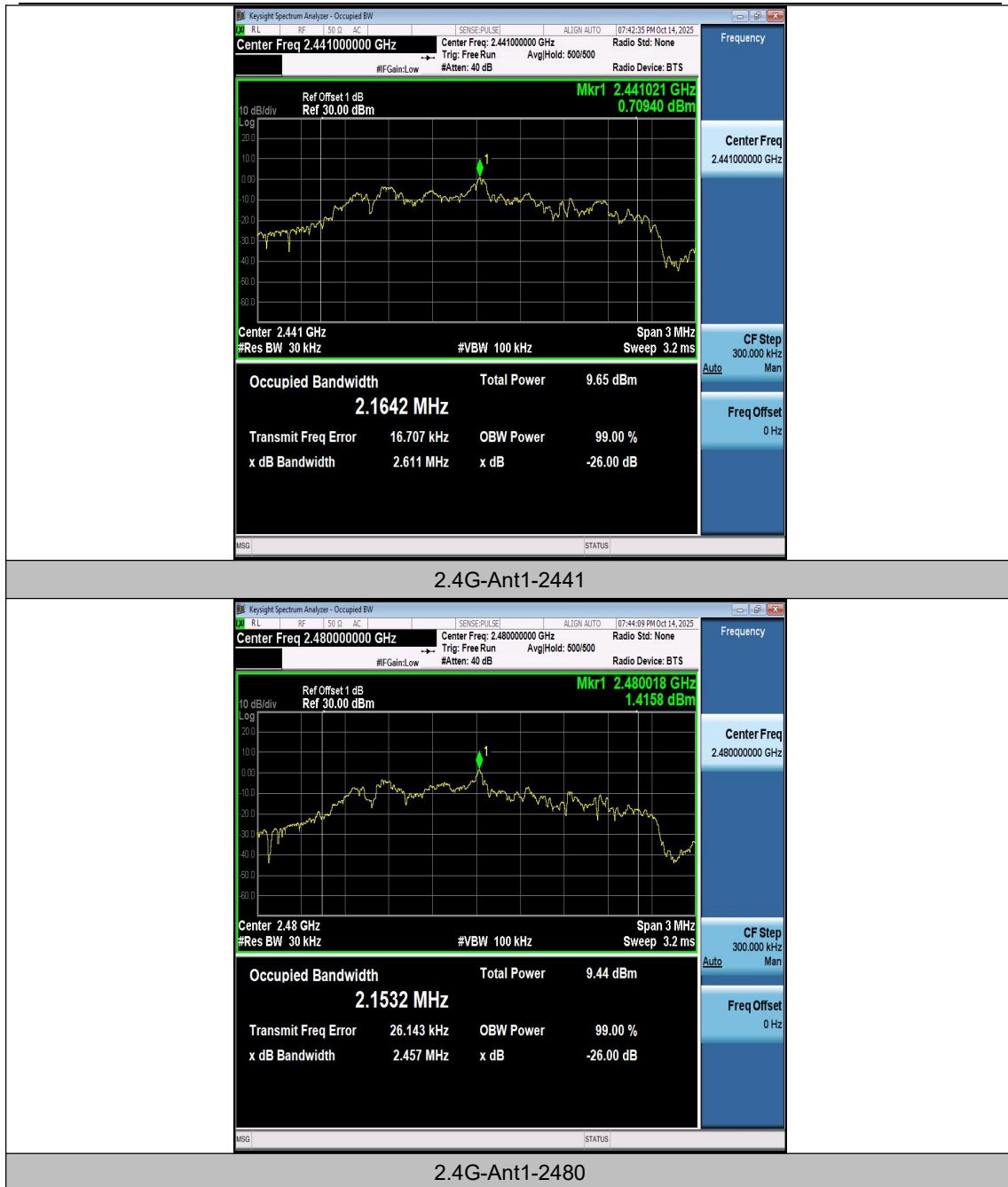
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.2110	2401.9018	2404.1128	---	---
2.4G	Ant1	2441	2.1642	2439.9346	2442.0988	---	---
2.4G	Ant1	2480	2.1532	2478.9495	2481.1027	---	---

Test Graphs





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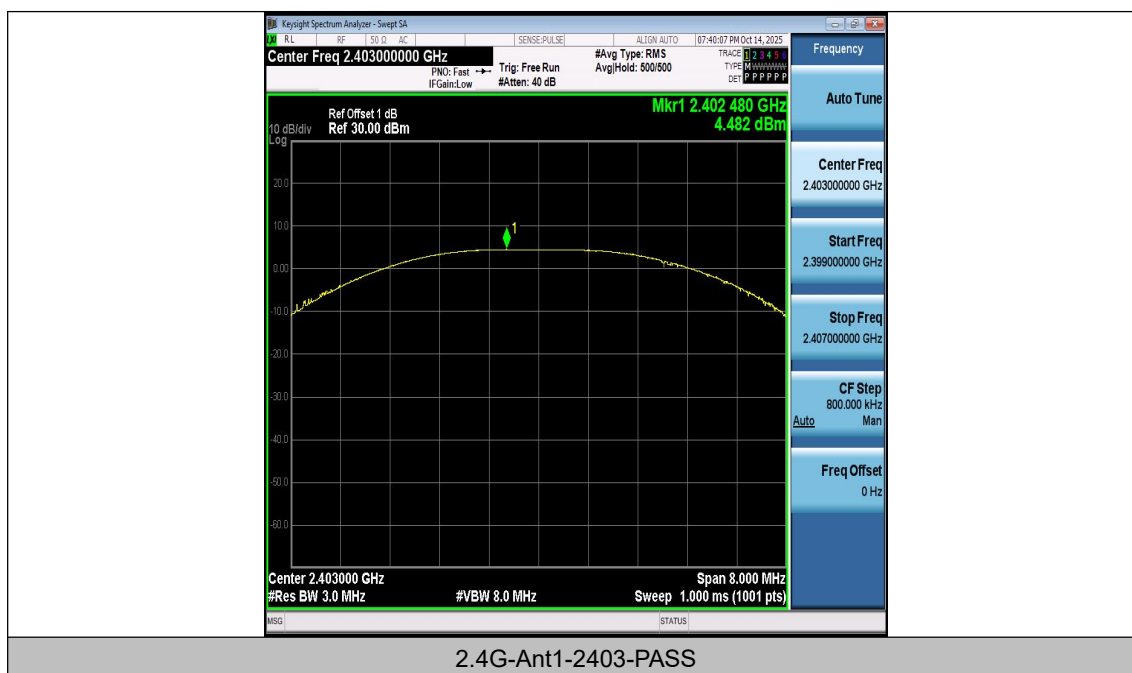
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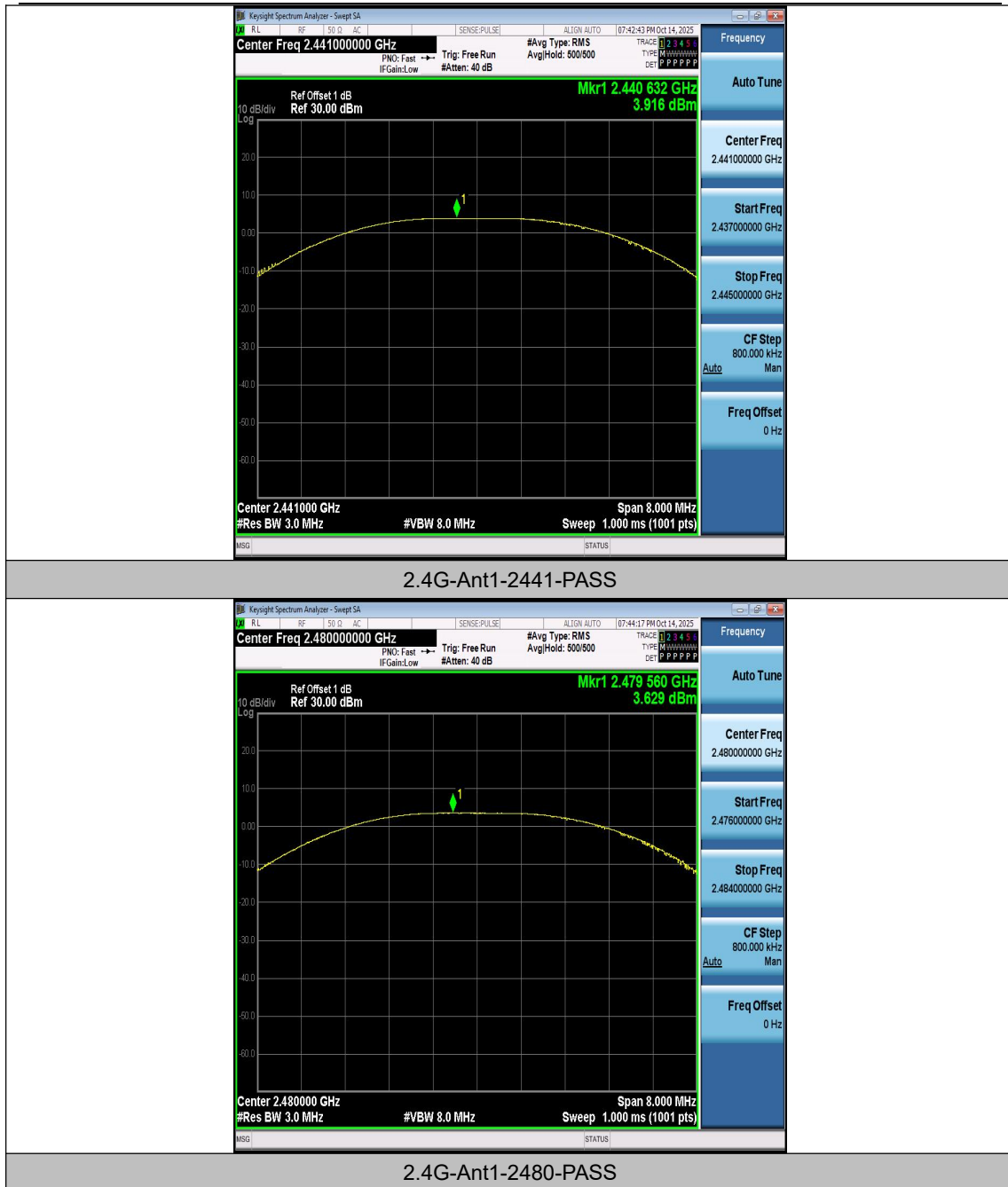
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	4.48	≤30	PASS
2.4G	Ant1	2441	3.92	≤30	PASS
2.4G	Ant1	2480	3.63	≤30	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	2.025	≥1.544	PASS

Test Graphs

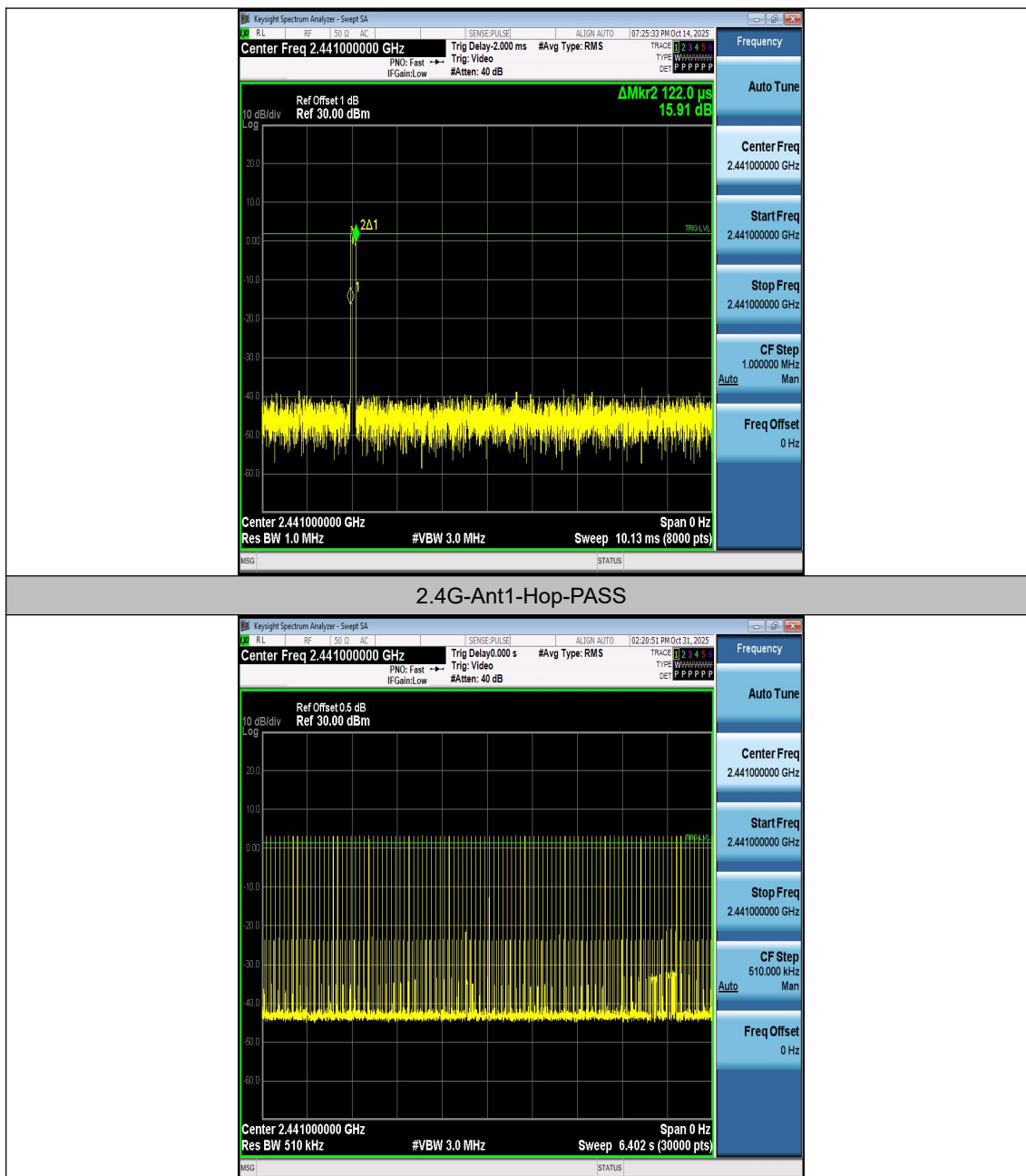


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.122	100	0.01	≤0.4	PASS

Test Graphs



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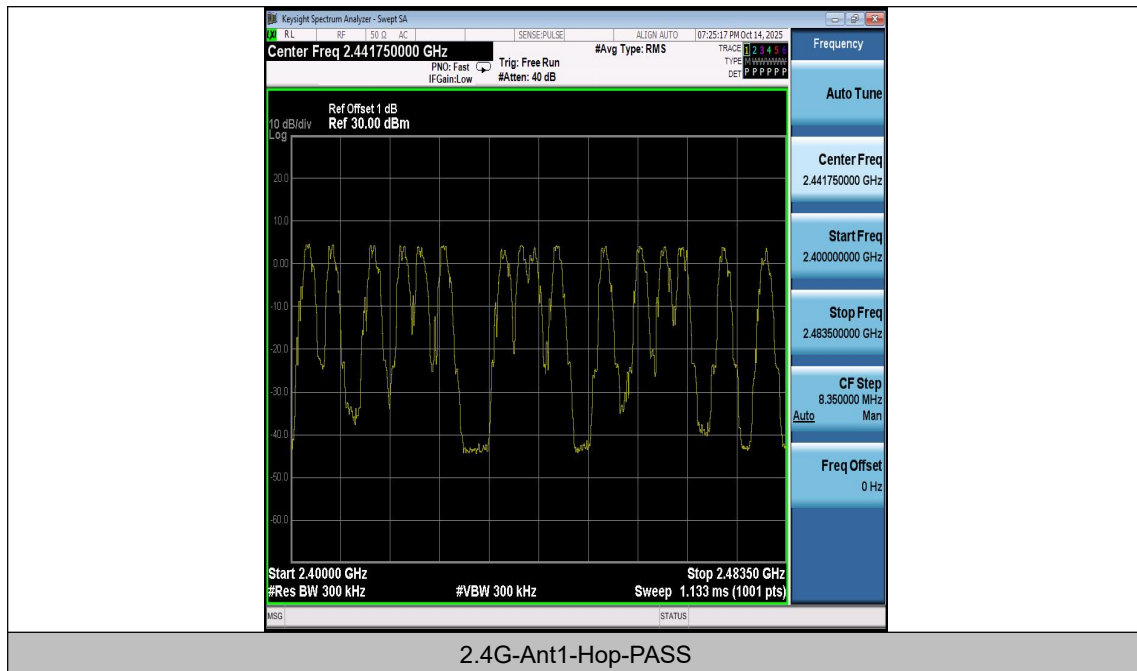
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs



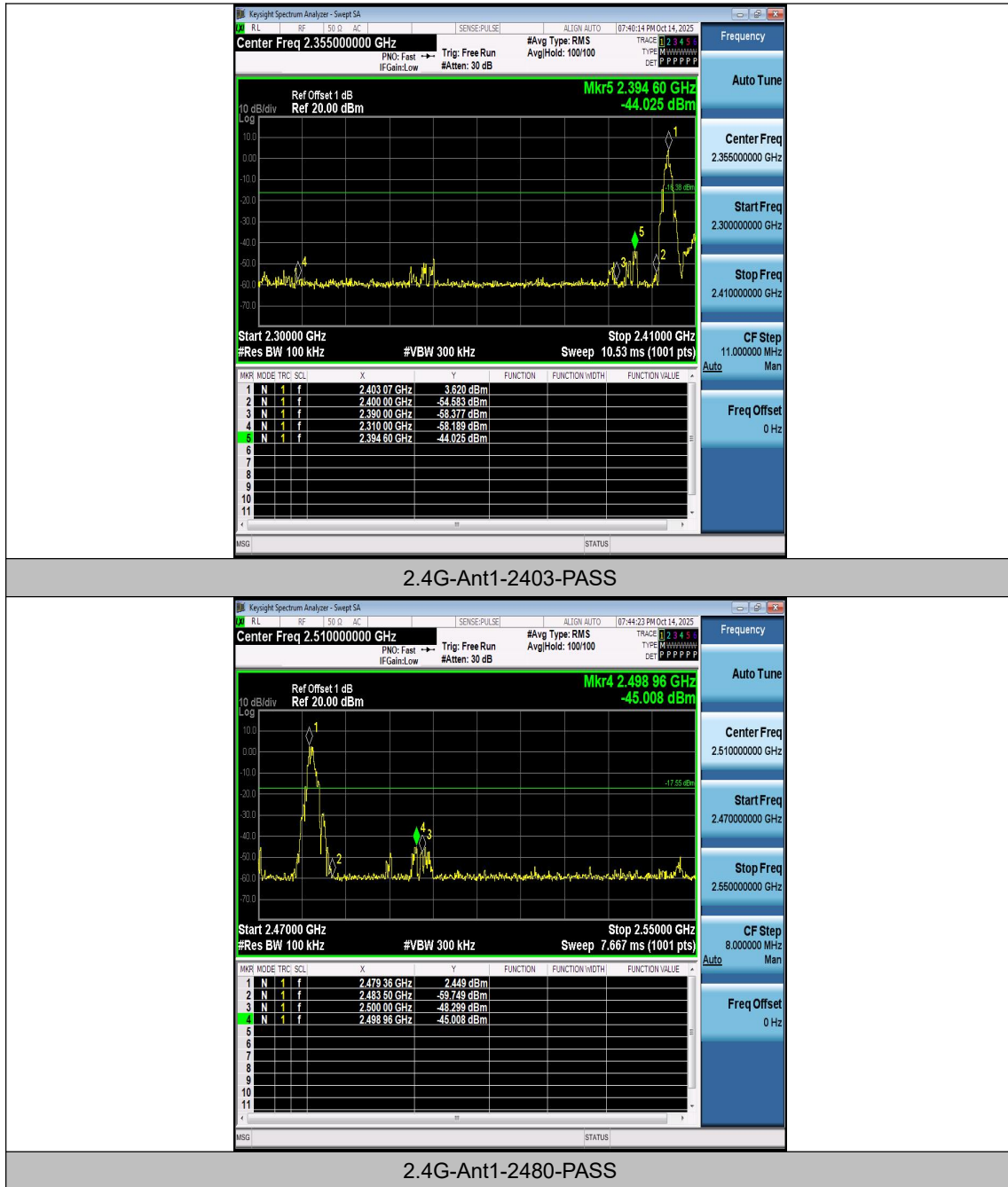
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	3.62	-44.03	≤-16.38	PASS
2.4G	Ant1	High	2480	2.45	-45.01	≤-17.55	PASS
2.4G	Ant1	Low	Hop	4.35	-42.7	≤-15.65	PASS
2.4G	Ant1	High	Hop	3.82	-33.21	≤-16.18	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.

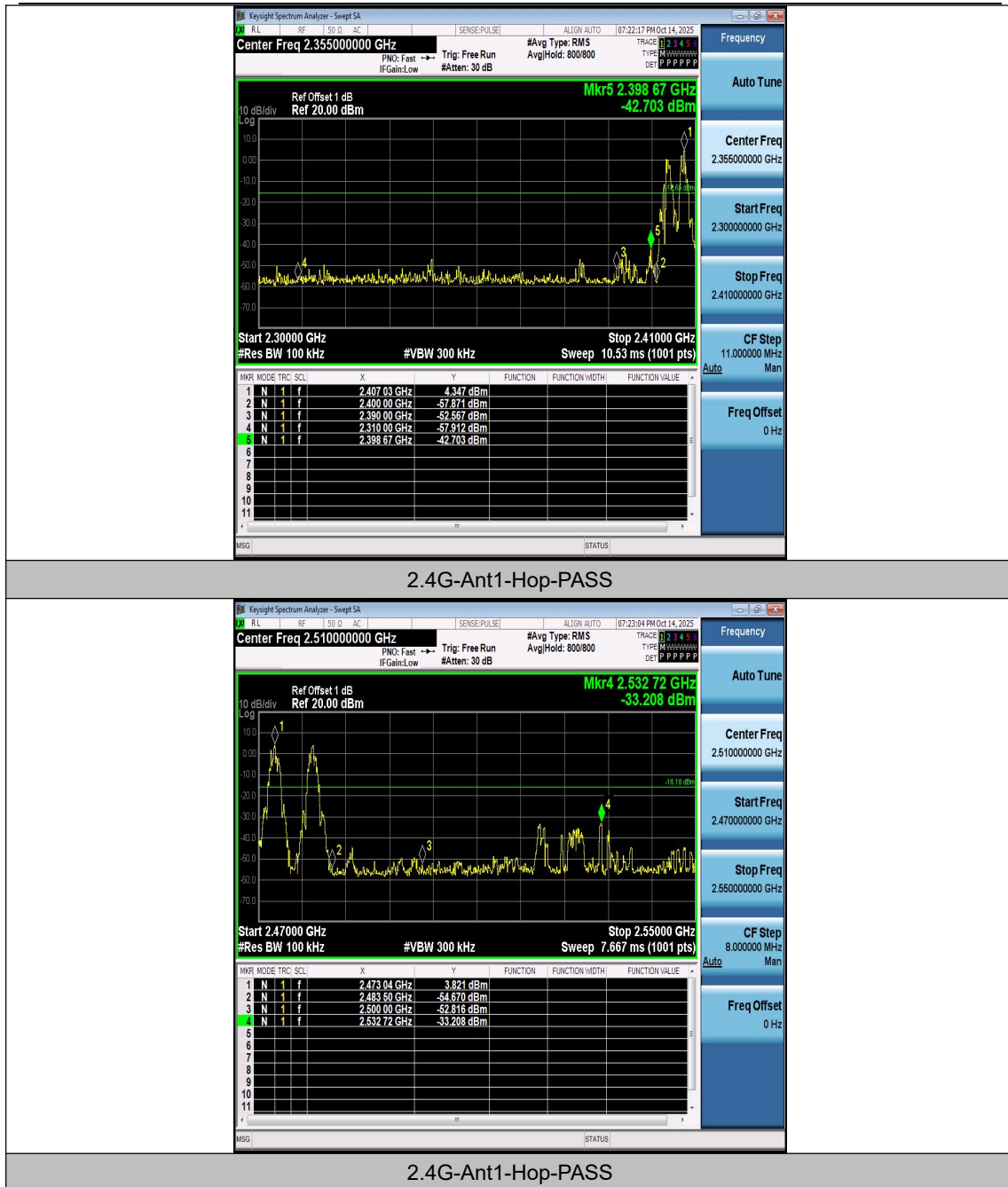
Test Graphs



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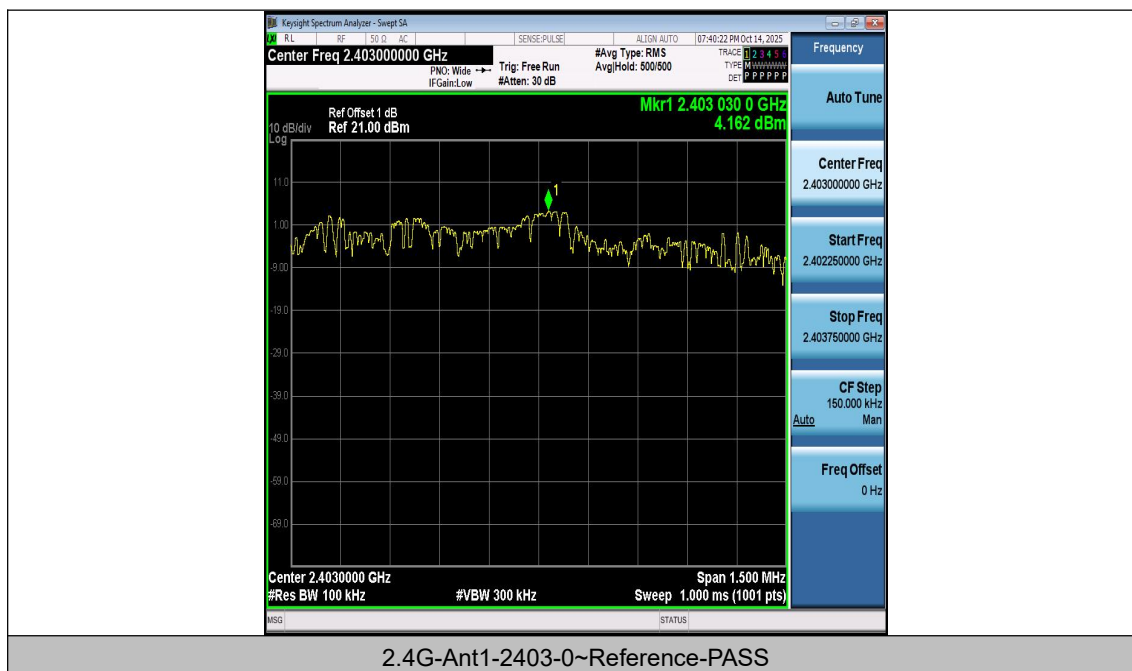
Appendix H: Conducted Spurious Emission

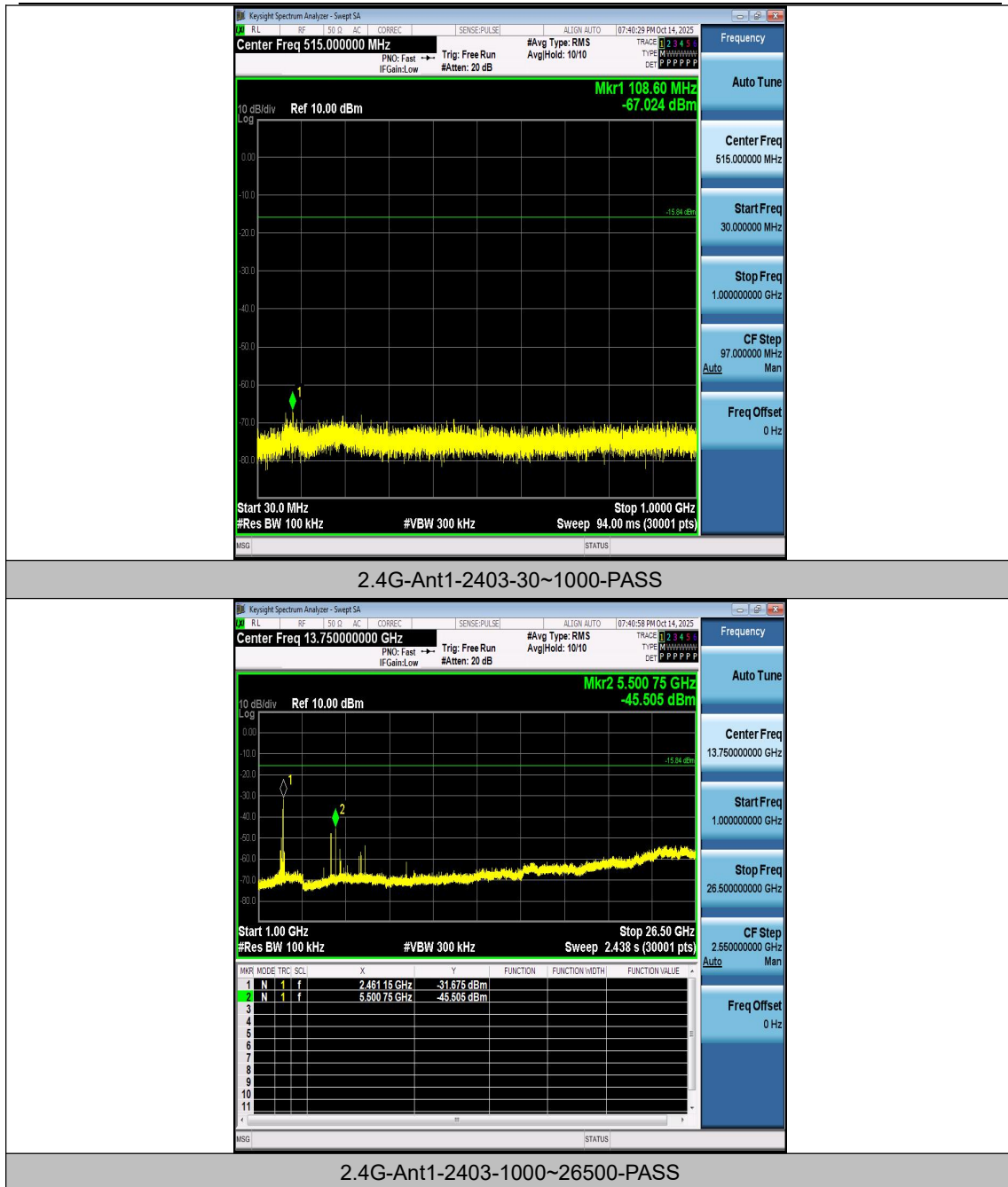
Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	4.16	4.16	---	PASS
2.4G	Ant1	2403	30~1000	4.16	-67.02	≤-15.84	PASS
2.4G	Ant1	2403	1000~26500	4.16	-45.51	≤-15.84	PASS
2.4G	Ant1	2441	0~Reference	3.73	3.73	---	PASS
2.4G	Ant1	2441	30~1000	3.73	-64.72	≤-16.27	PASS
2.4G	Ant1	2441	1000~26500	3.73	-53.39	≤-16.27	PASS
2.4G	Ant1	2480	0~Reference	3.48	3.48	---	PASS
2.4G	Ant1	2480	30~1000	3.48	-63.2	≤-16.52	PASS
2.4G	Ant1	2480	1000~26500	3.48	-52.48	≤-16.52	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

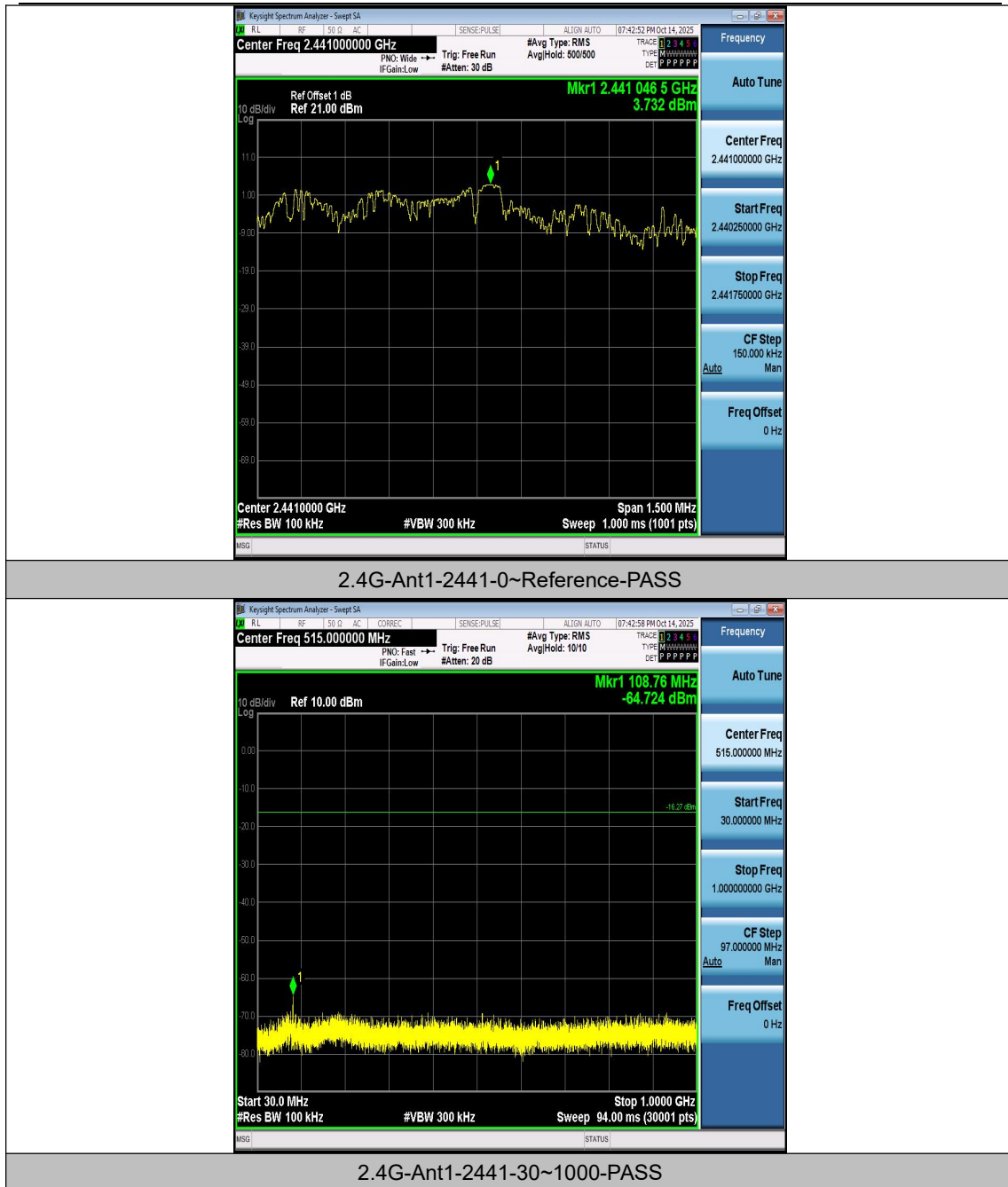




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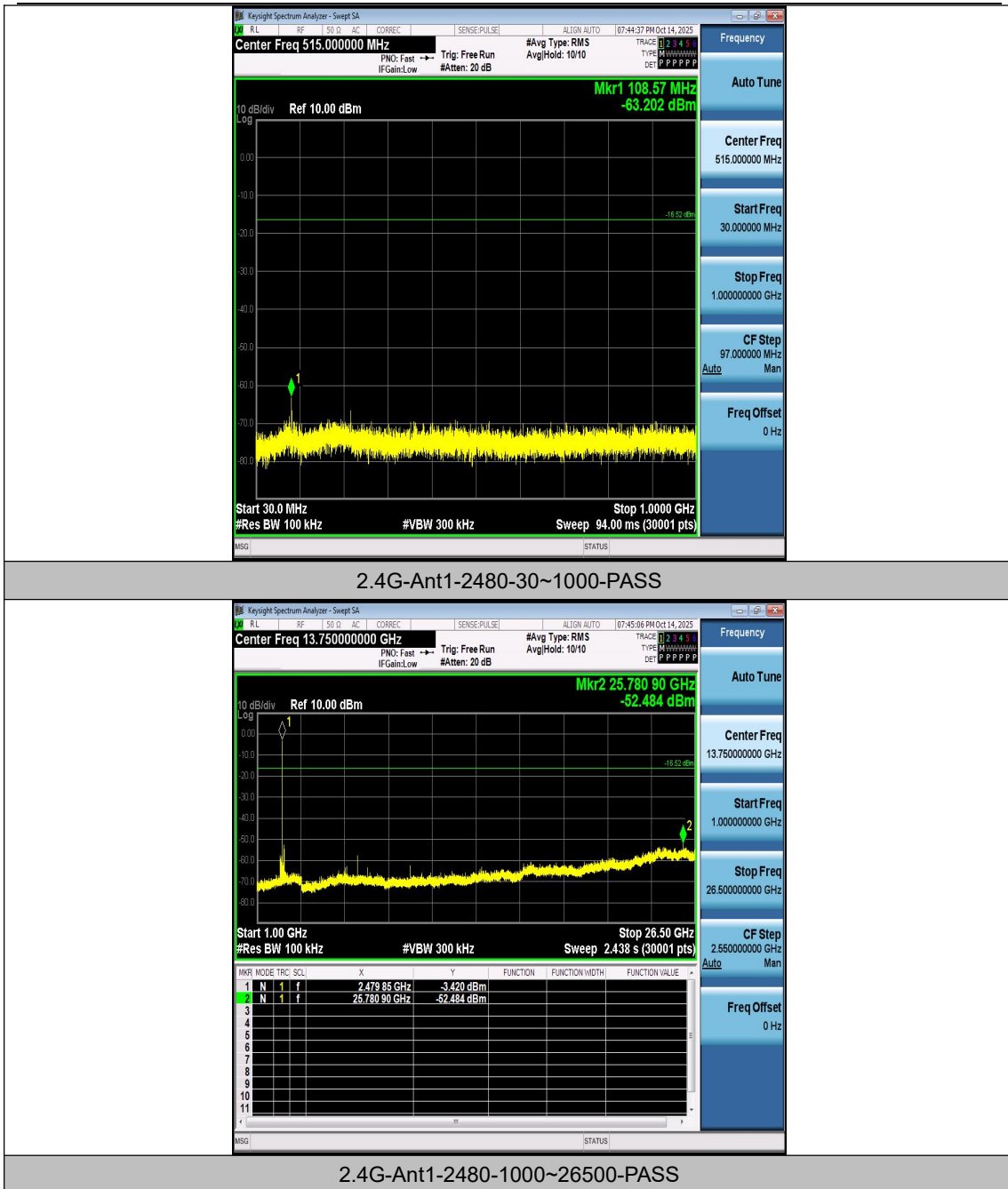
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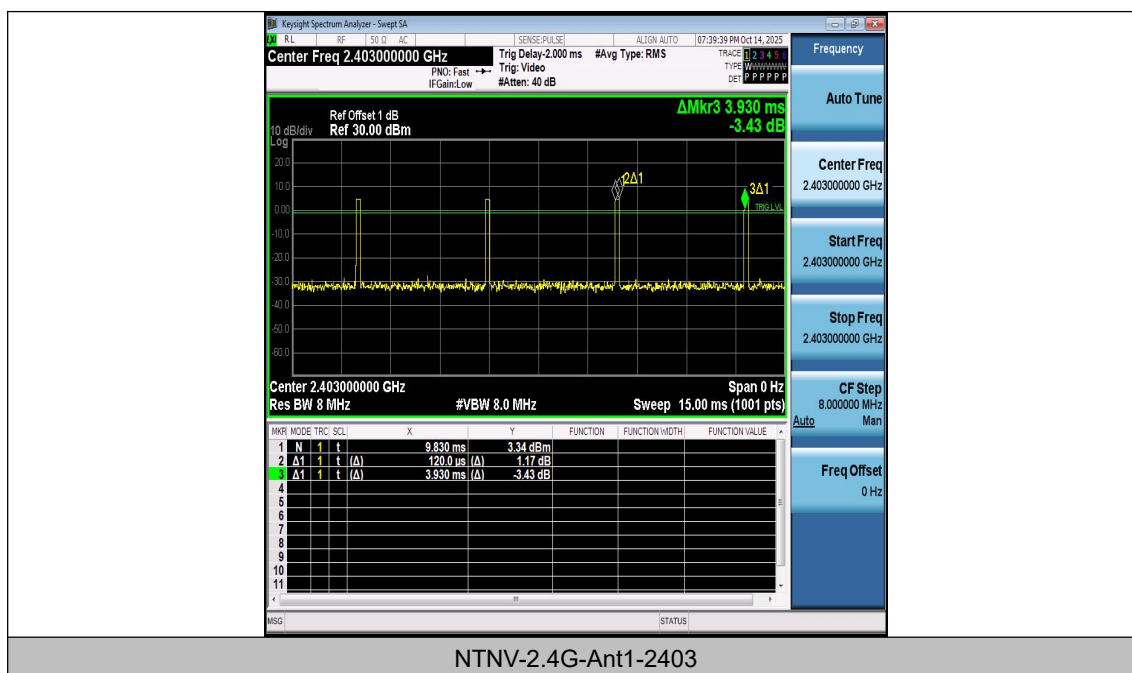
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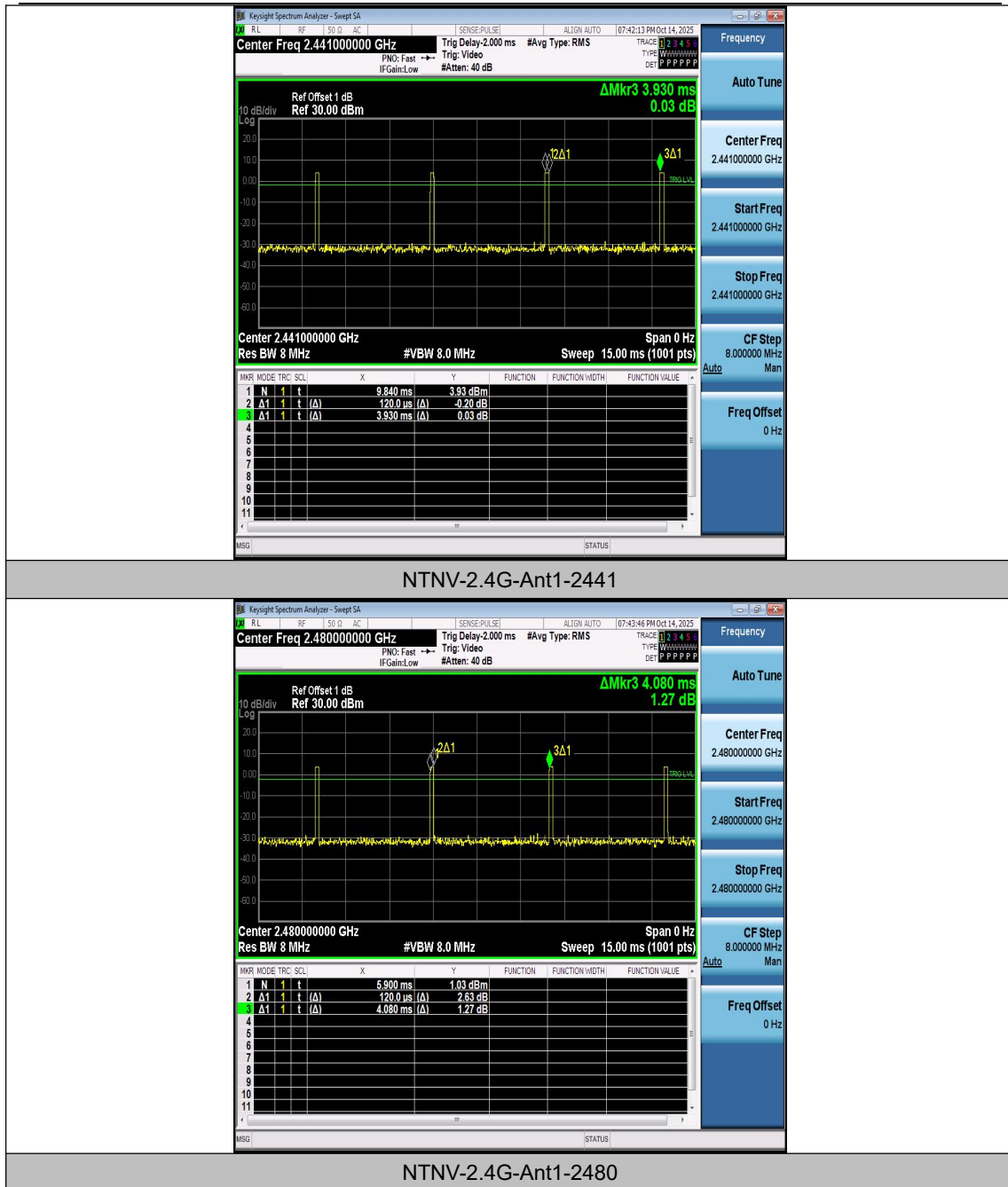
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	3.93	3.05	15.16
2.4G	Ant1	2441	0.12	3.93	3.05	15.16
2.4G	Ant1	2480	0.12	4.08	2.94	15.32

Test Graphs





---End---