

Appendix Test Data

Report No.:	1812C60114612502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-27	Finish Test Date:	2026-3-2
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	25.3°C	Relative Humidity:	53%
Pressure:	101kPa		

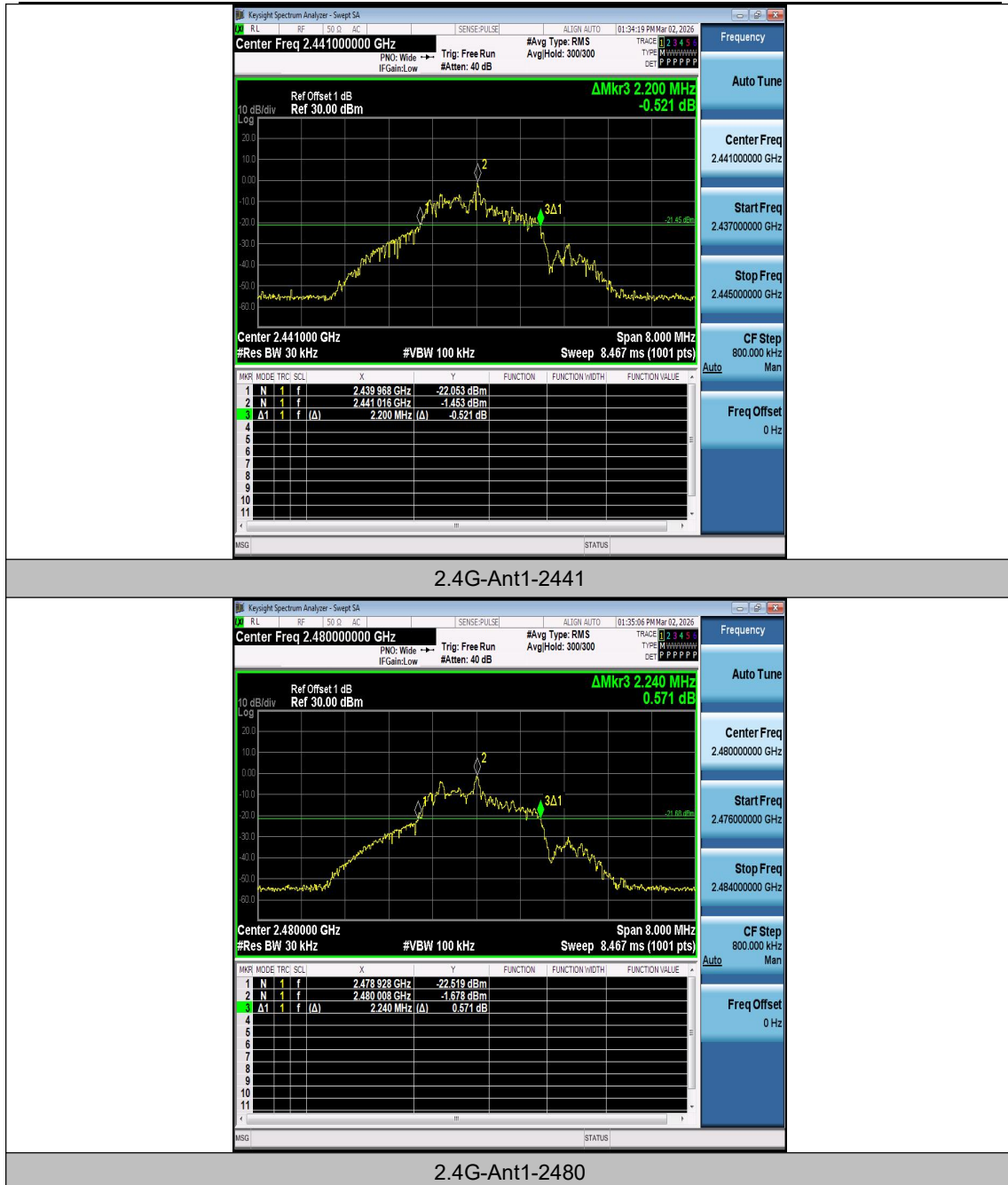
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.208	2401.960	2404.168	---	---
2.4G	Ant1	2441	2.200	2439.968	2442.168	---	---
2.4G	Ant1	2480	2.240	2478.928	2481.168	---	---

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	2.2528	2401.8564	2404.1092	---	---
2.4G	Ant1	2441	2.3250	2439.7862	2442.1112	---	---
2.4G	Ant1	2480	2.3501	2478.7570	2481.1071	---	---

Test Graphs





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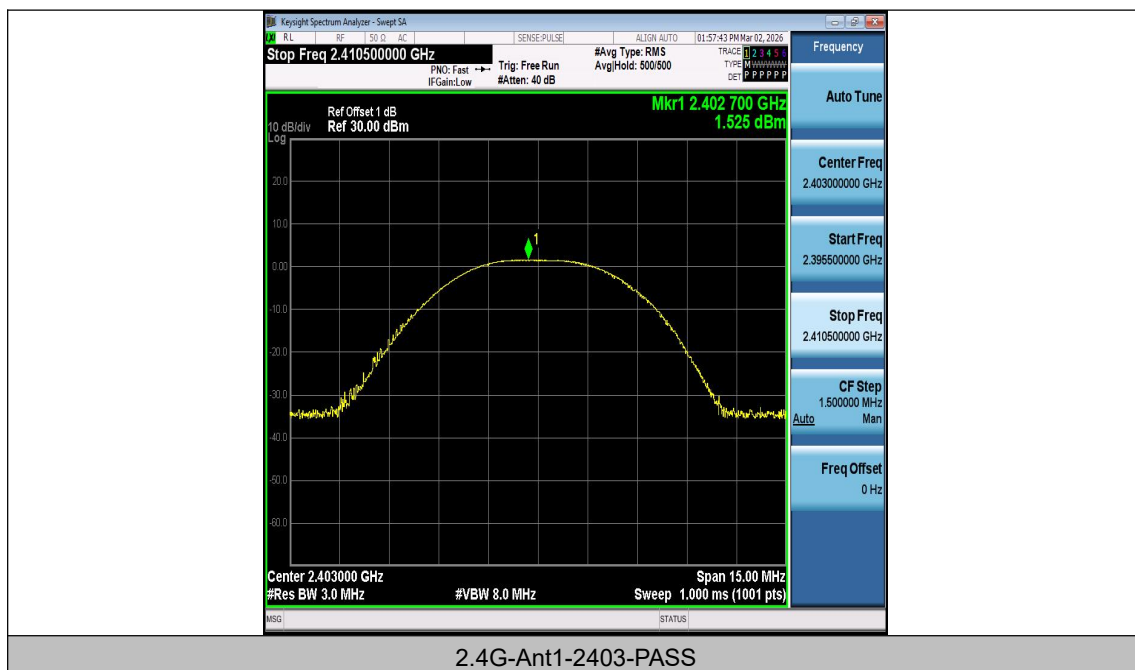
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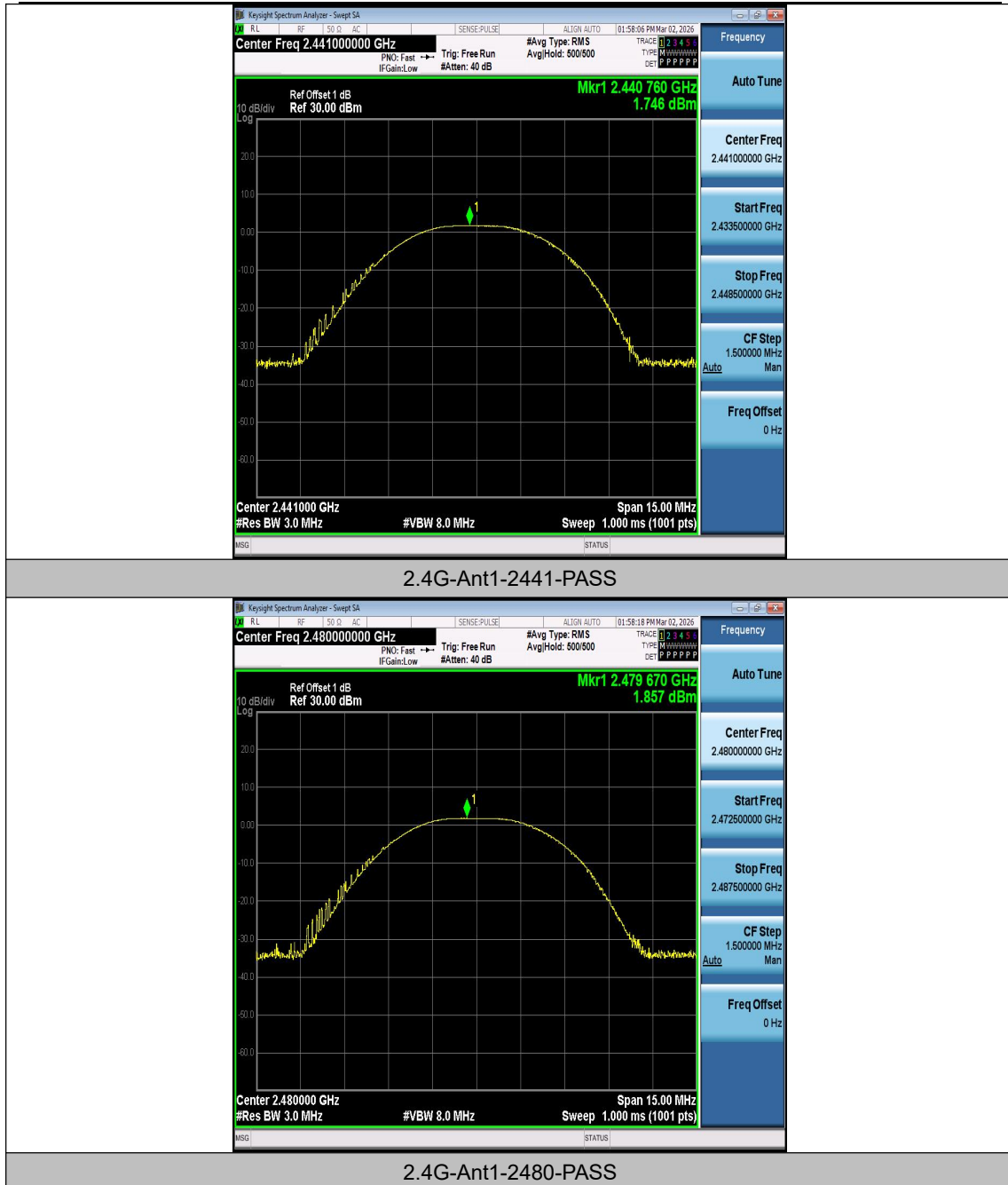
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	1.53	≤30	PASS
2.4G	Ant1	2441	1.75	≤30	PASS
2.4G	Ant1	2480	1.86	≤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	2.000	≥1.493	Verdict

Note: For conducted power less than 0.125 W(20.97 dBm), the limit can be set using hopping channel carrier frequencies that are separated by 25 kHz or two thirds of the 20 dB bandwidth of the hopping channel, whichever is greater. Only the worst data was recorded in the report.

Test Graphs

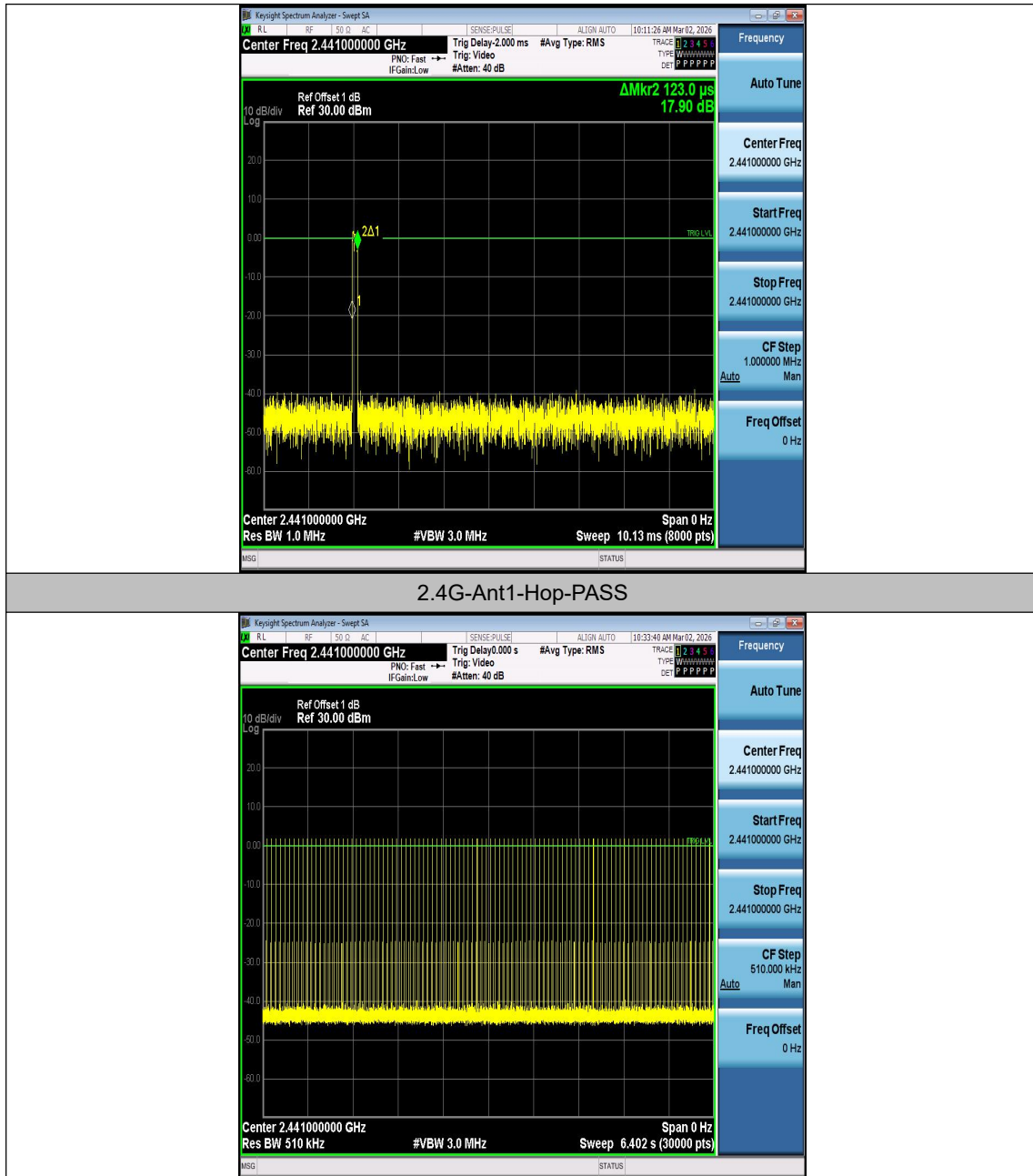


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.123	498	0.061	≤0.4	PASS

Test Graphs



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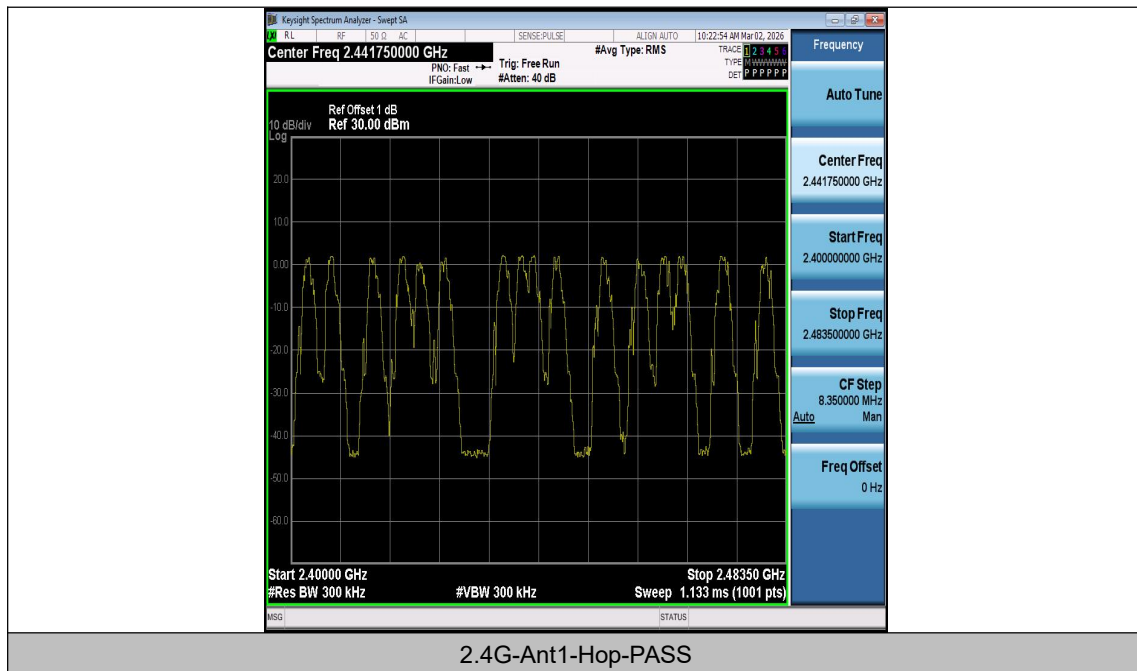
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs



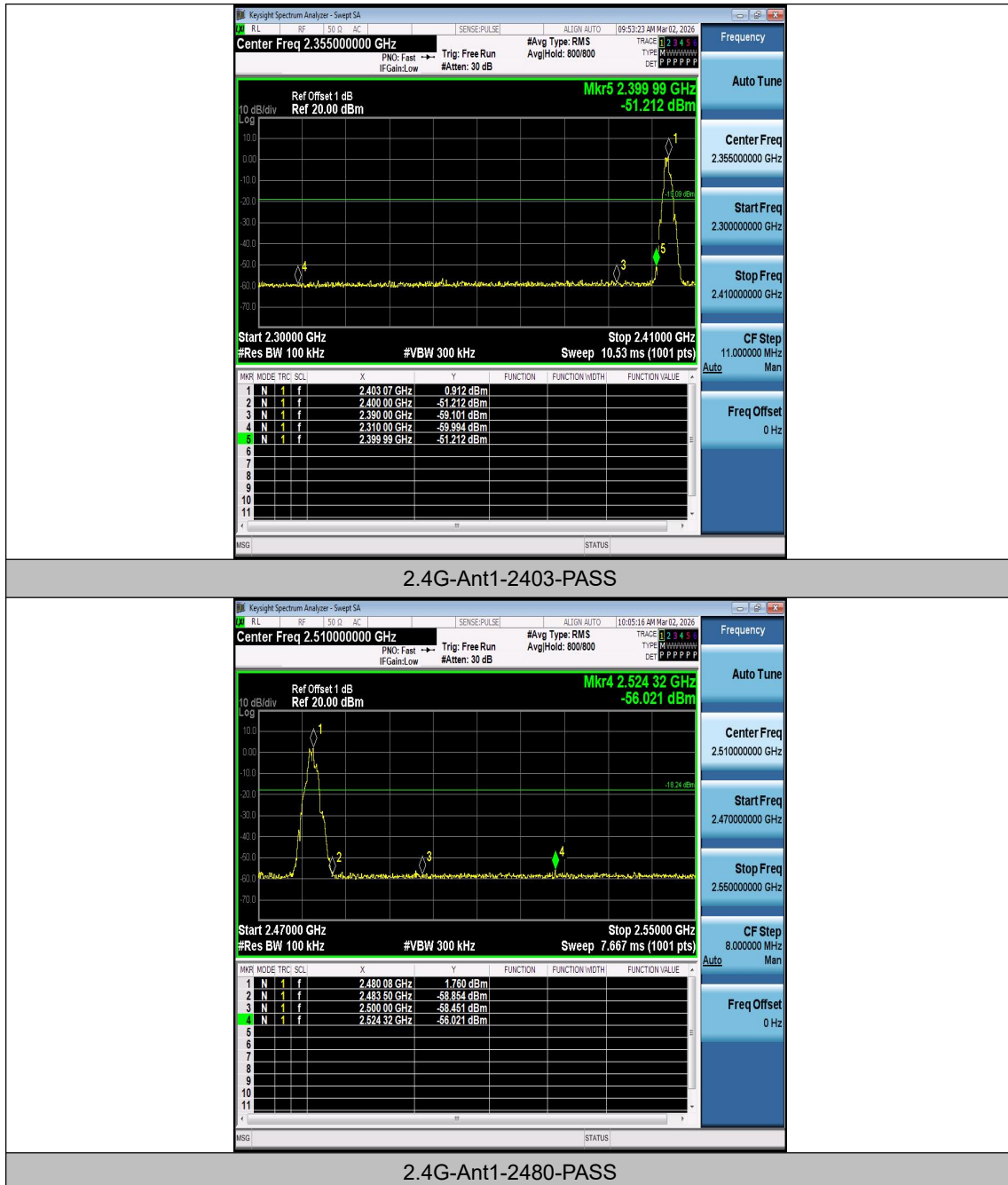
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	0.91	-51.21	≤-19.09	PASS
2.4G	Ant1	High	2480	1.76	-56.02	≤-18.24	PASS
2.4G	Ant1	Low	Hop	-1.29	-55.1	≤-21.29	PASS
2.4G	Ant1	High	Hop	1.11	-56.17	≤-18.89	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.

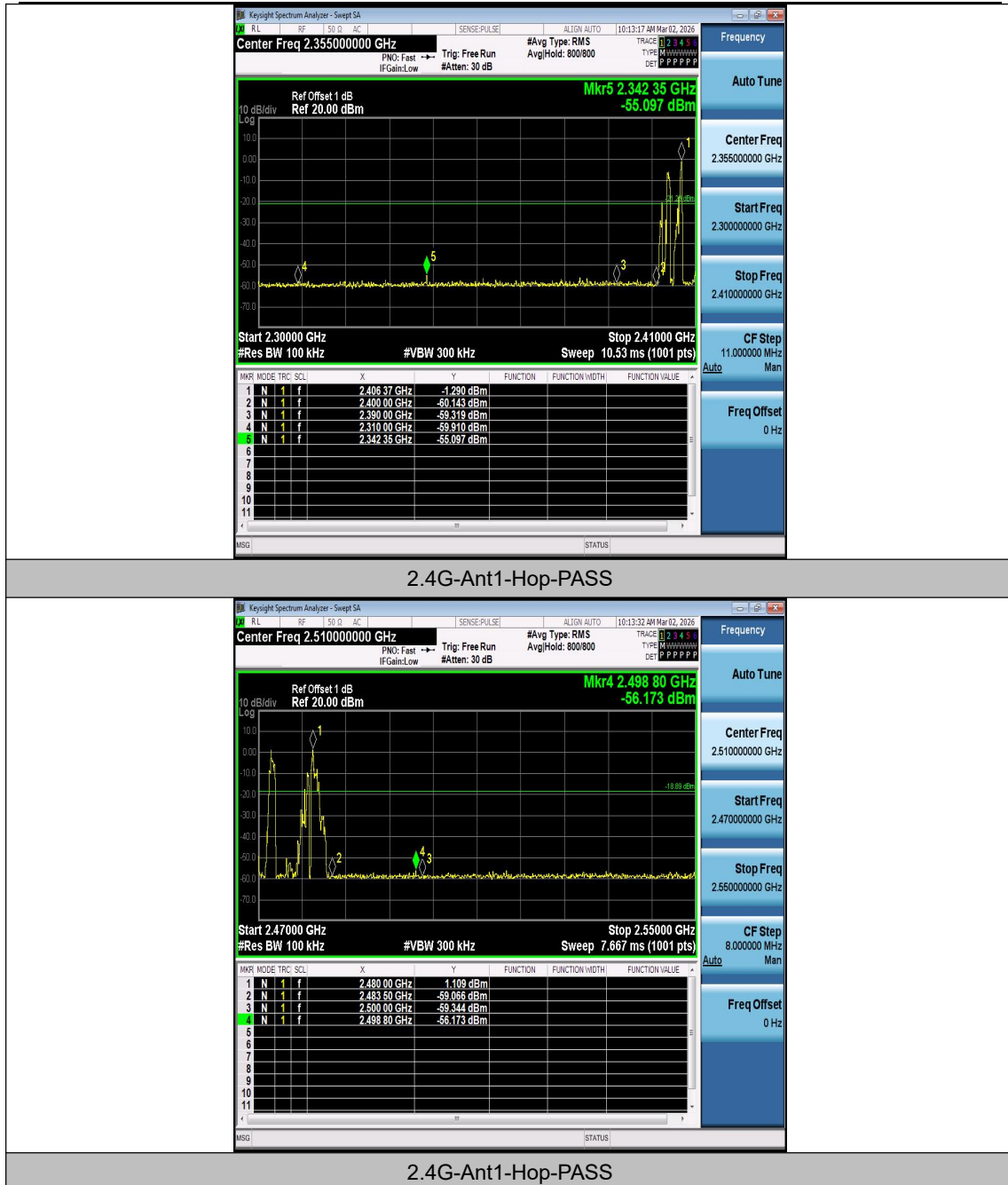
Test Graphs



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Appendix H: Conducted Spurious Emission

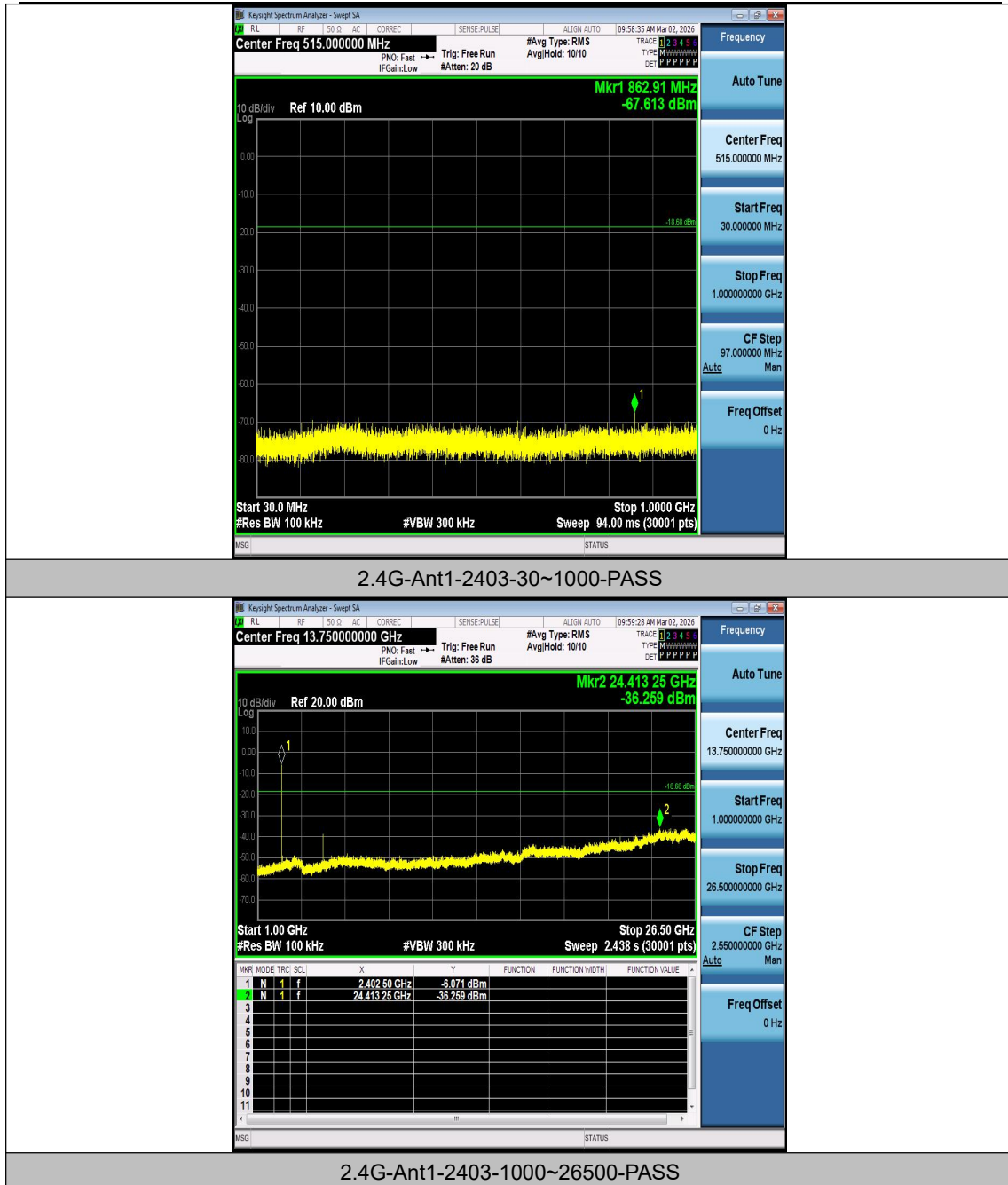
Test Result

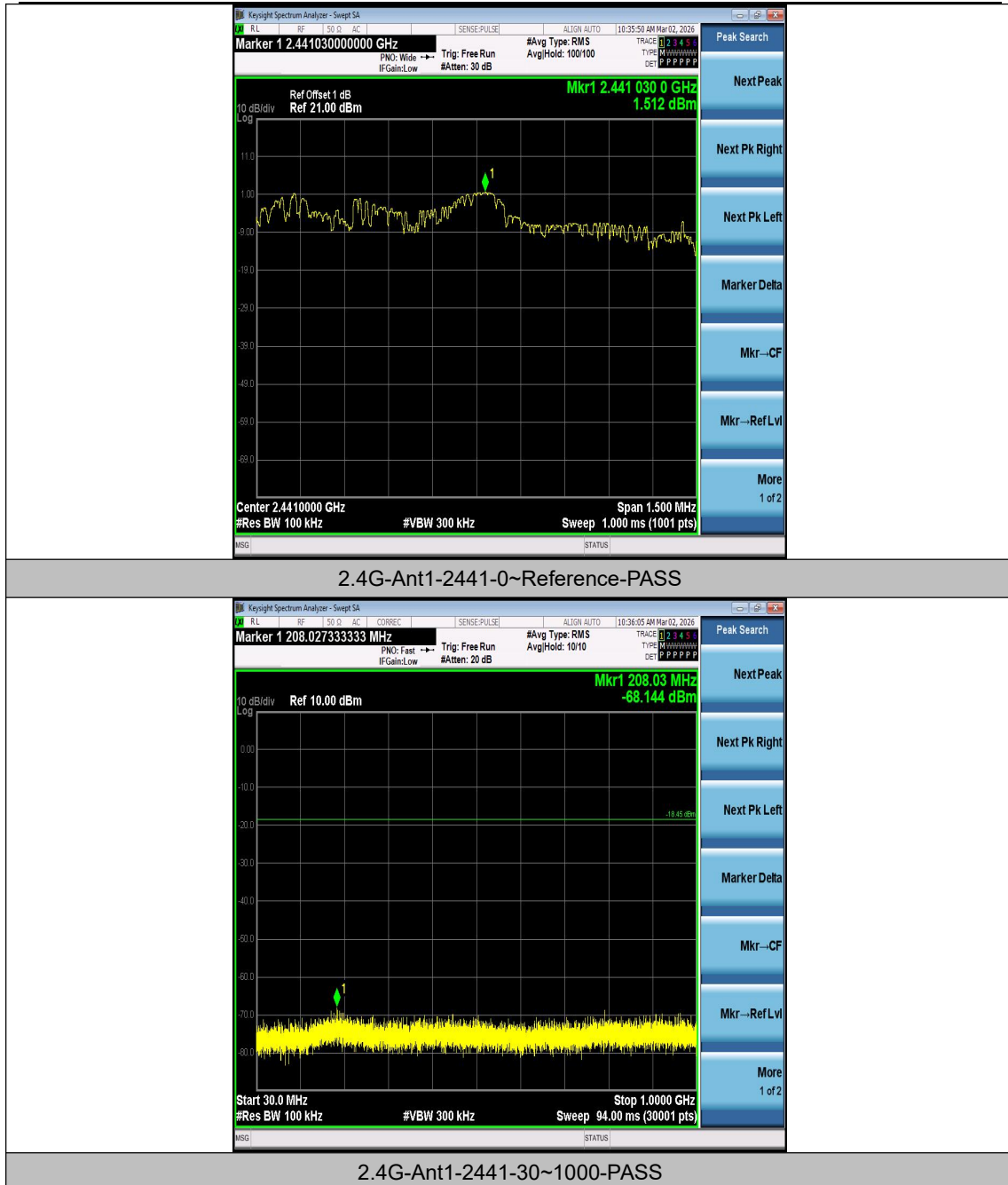
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	1.32	1.32	---	PASS
2.4G	Ant1	2403	30~1000	1.32	-67.61	≤-18.68	PASS
2.4G	Ant1	2403	1000~26500	1.32	-36.26	≤-18.68	PASS
2.4G	Ant1	2441	0~Reference	1.55	1.55	---	PASS
2.4G	Ant1	2441	30~1000	1.55	-68.14	≤-18.45	PASS
2.4G	Ant1	2441	1000~26500	1.55	-33.84	≤-18.45	PASS
2.4G	Ant1	2480	0~Reference	1.43	1.43	---	PASS
2.4G	Ant1	2480	30~1000	1.43	-68.42	≤-18.57	PASS
2.4G	Ant1	2480	1000~26500	1.43	-27.8	≤-18.57	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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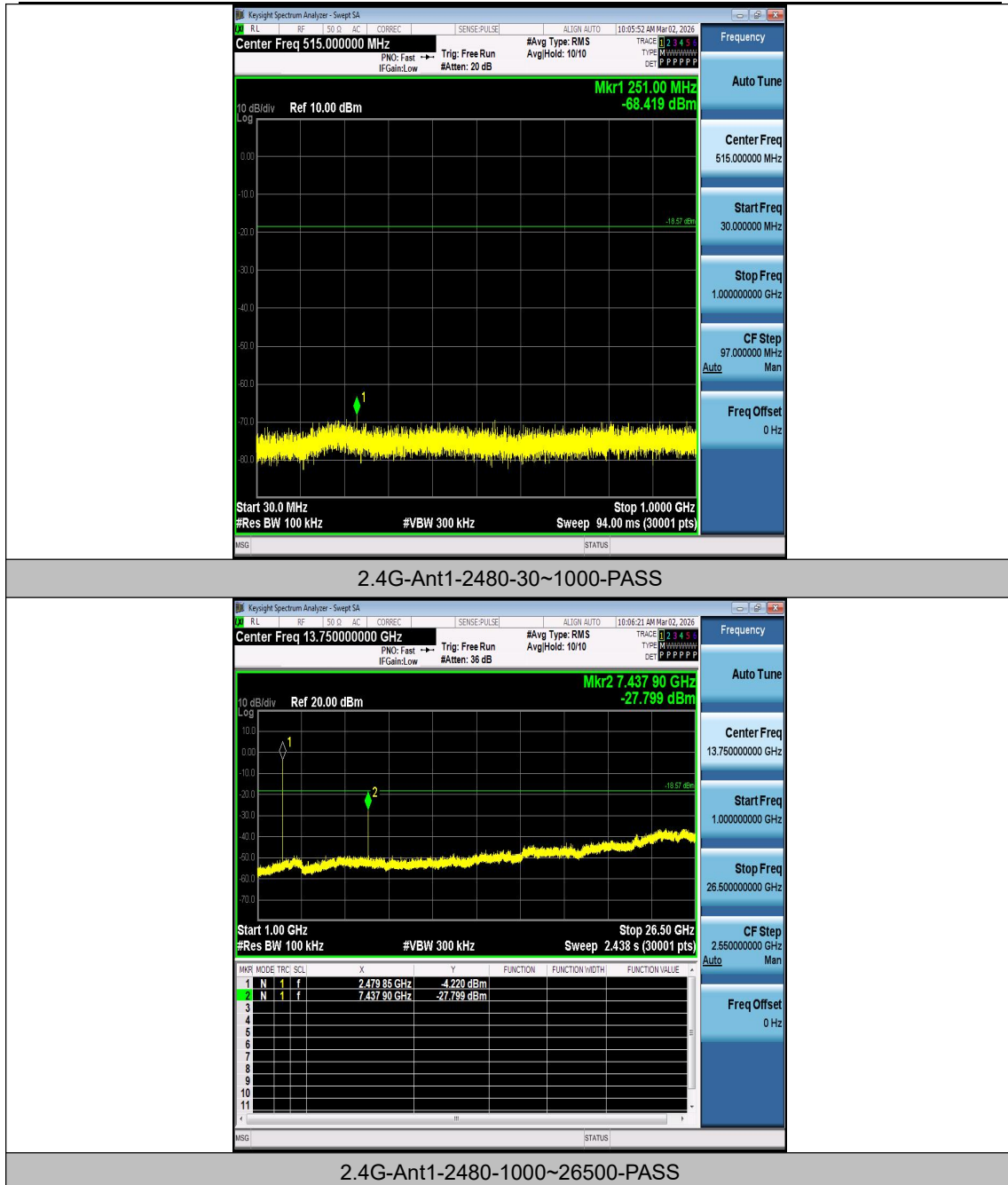
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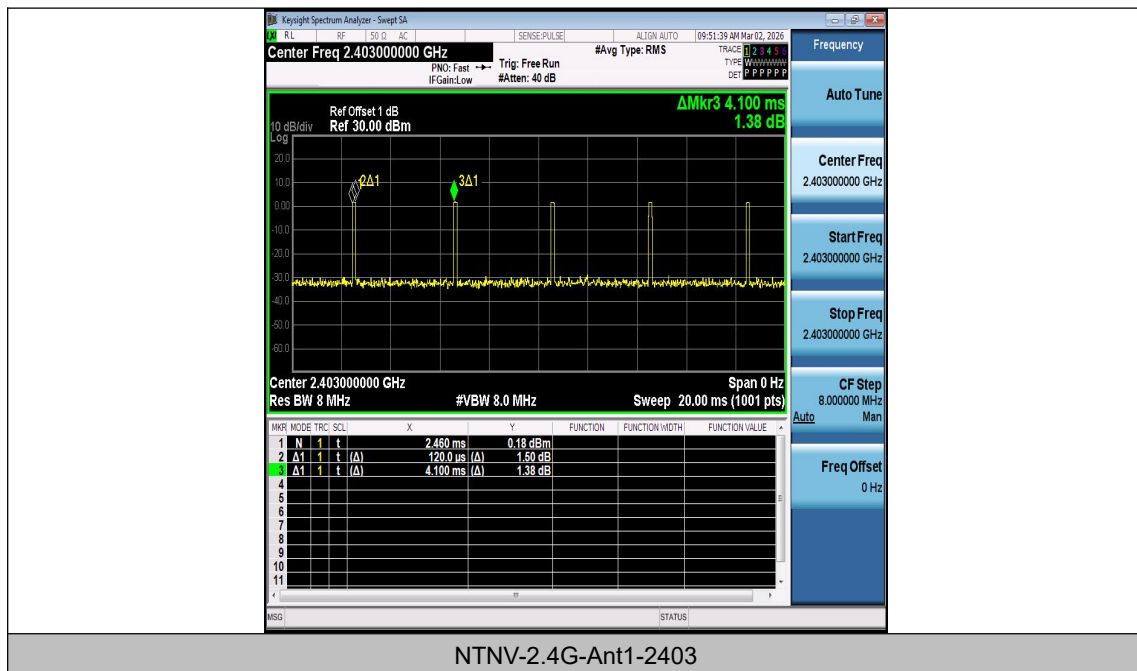


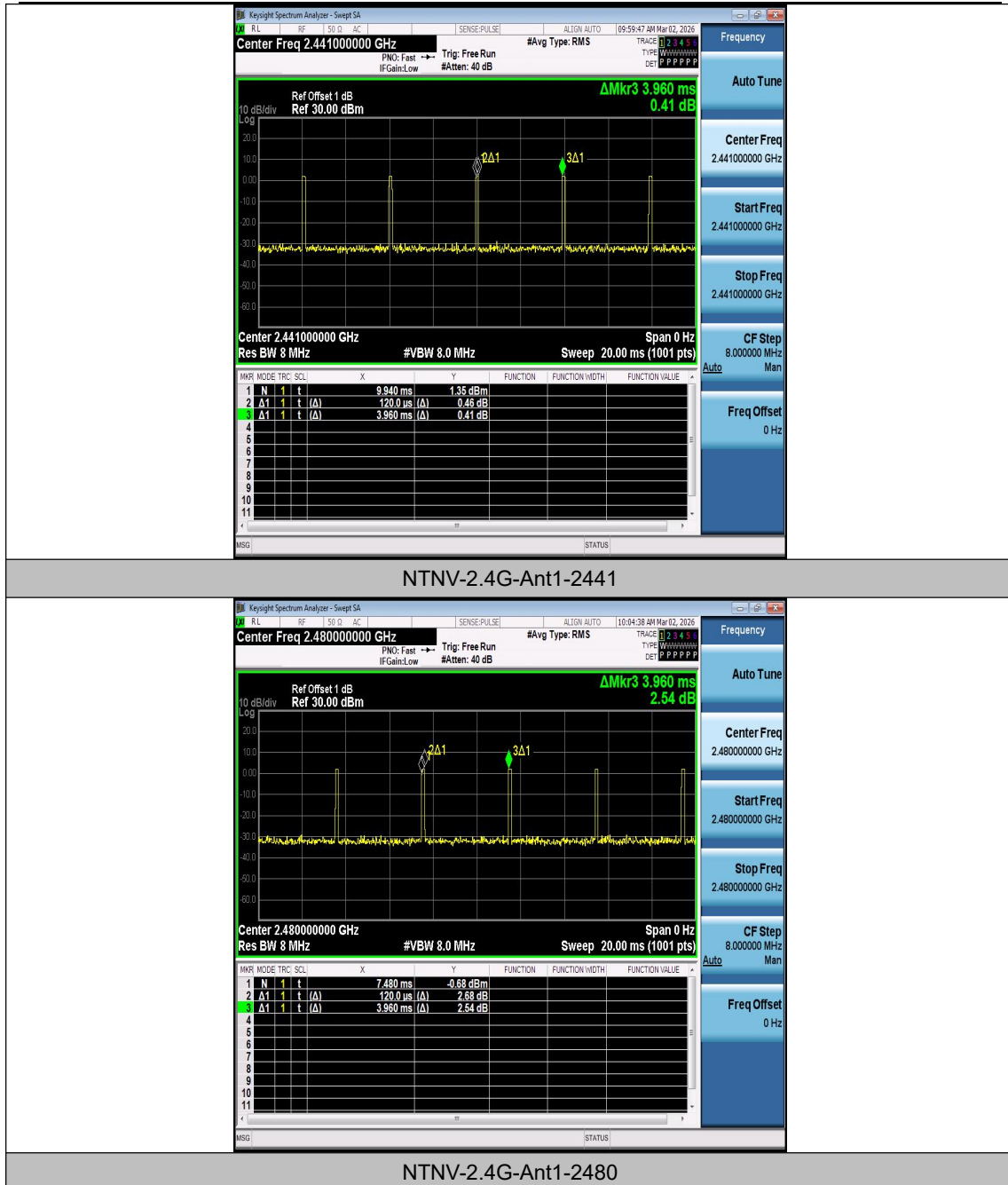
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	4.10	2.93	15.33
2.4G	Ant1	2441	0.12	3.96	3.03	15.19
2.4G	Ant1	2480	0.12	3.96	3.03	15.19

Test Graphs





---End---