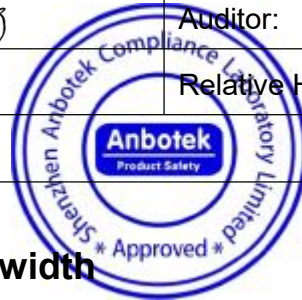


Appendix Test Data

Report No.:	1812C50648012501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-12-9	Finish Test Date:	2025-12-9
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	23.7°C	Relative Humidity:	45%
Pressure:	101kPa		



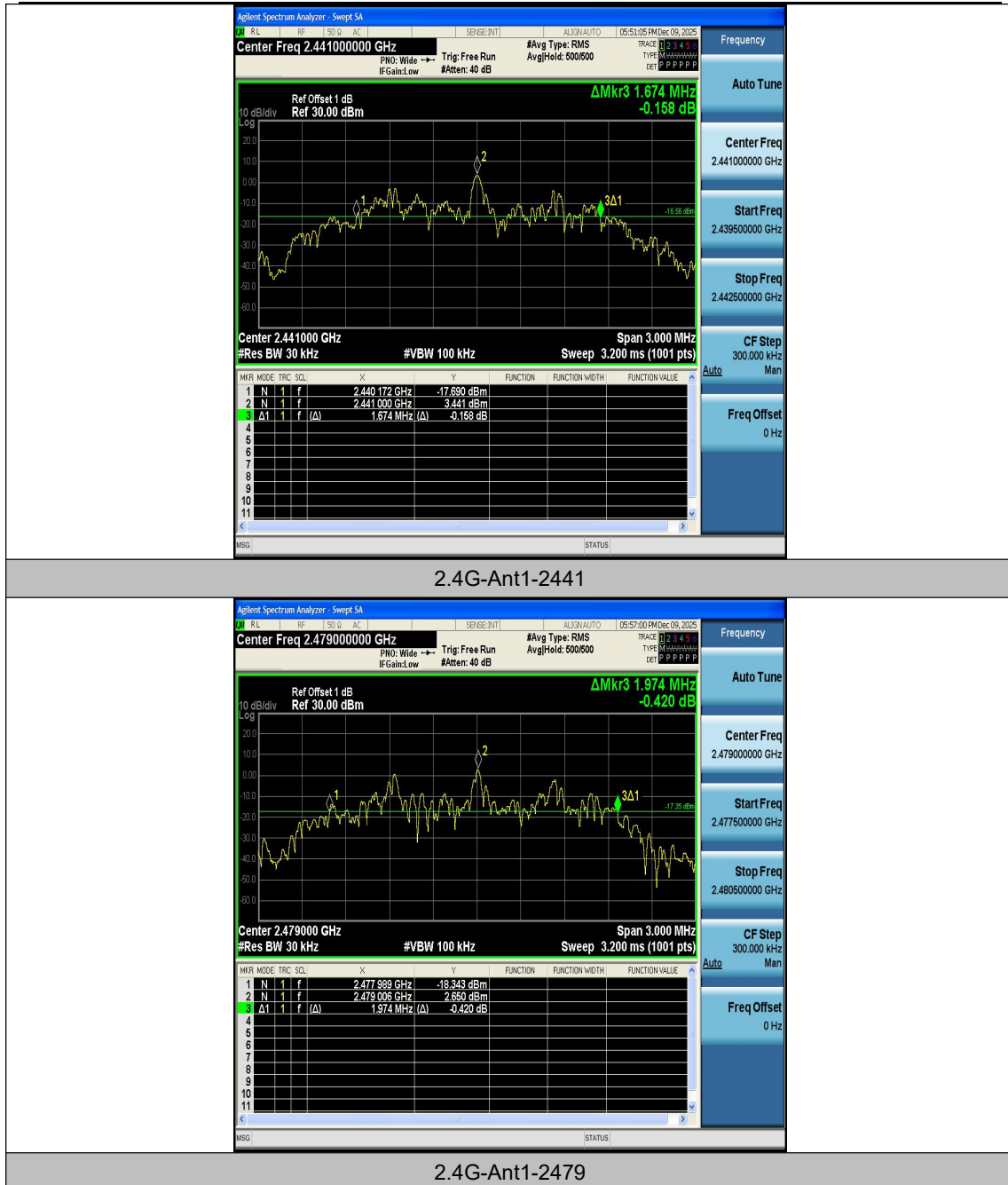
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	1.638	2402.202	2403.840	---	---
2.4G	Ant1	2441	1.674	2440.172	2441.846	---	---
2.4G	Ant1	2479	1.974	2477.989	2479.963	---	---

Test Graphs





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	1.9621	2402.0141	2403.9762	---	---
2.4G	Ant1	2441	1.9769	2439.9886	2441.9655	---	---
2.4G	Ant1	2479	2.0059	2477.9844	2479.9903	---	---

Test Graphs





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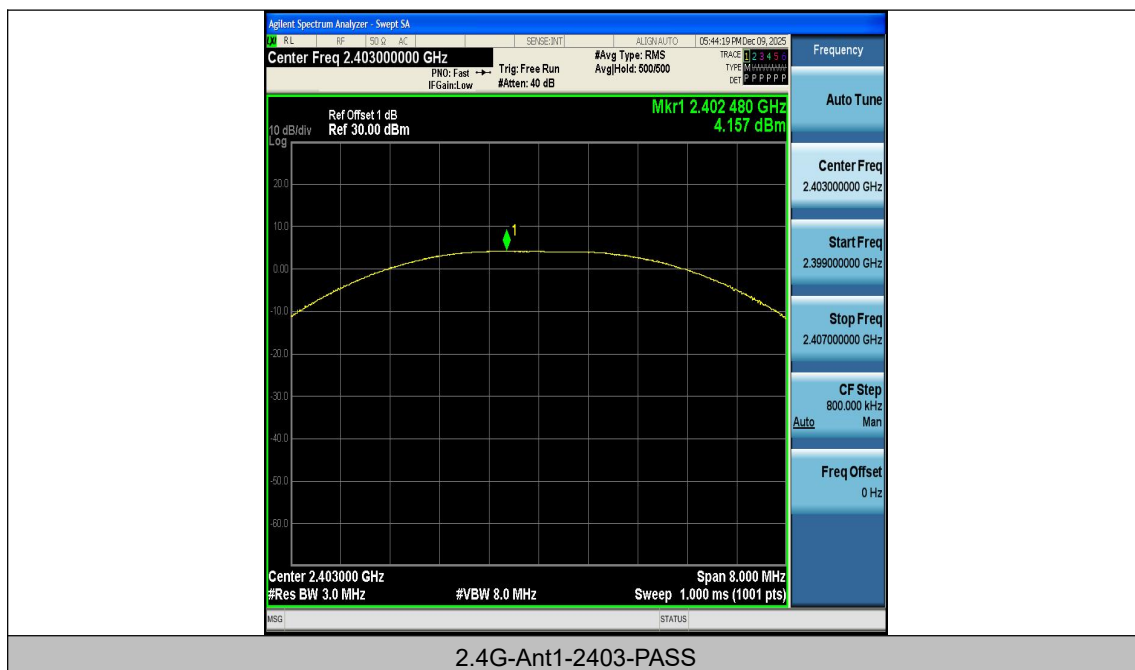
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

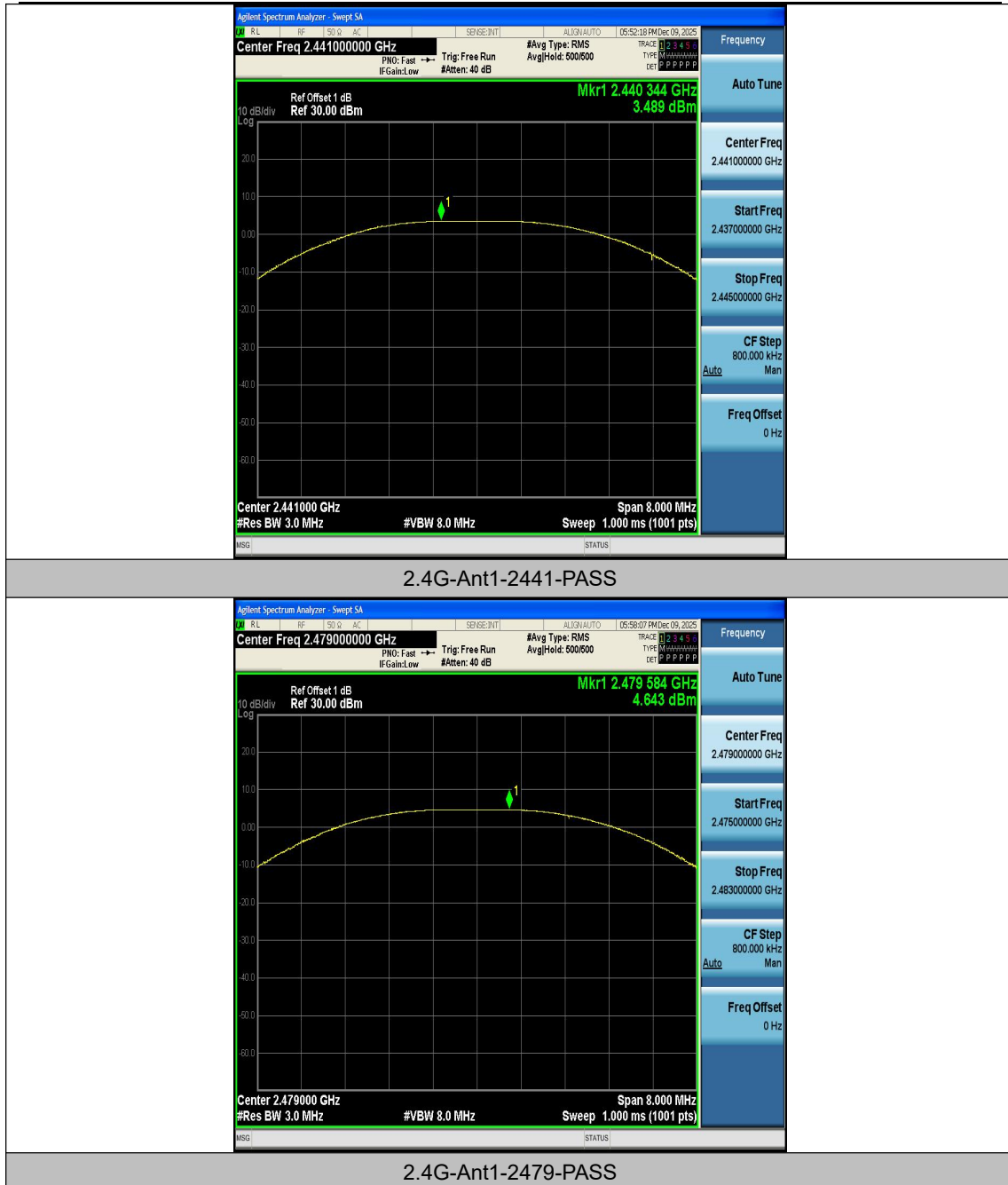
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	4.16	≤20.97	PASS
2.4G	Ant1	2441	3.49	≤20.97	PASS
2.4G	Ant1	2479	4.64	≤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	1.980	>1.31	PASS

Note: Only record the worst data in the test data.

Test Graphs

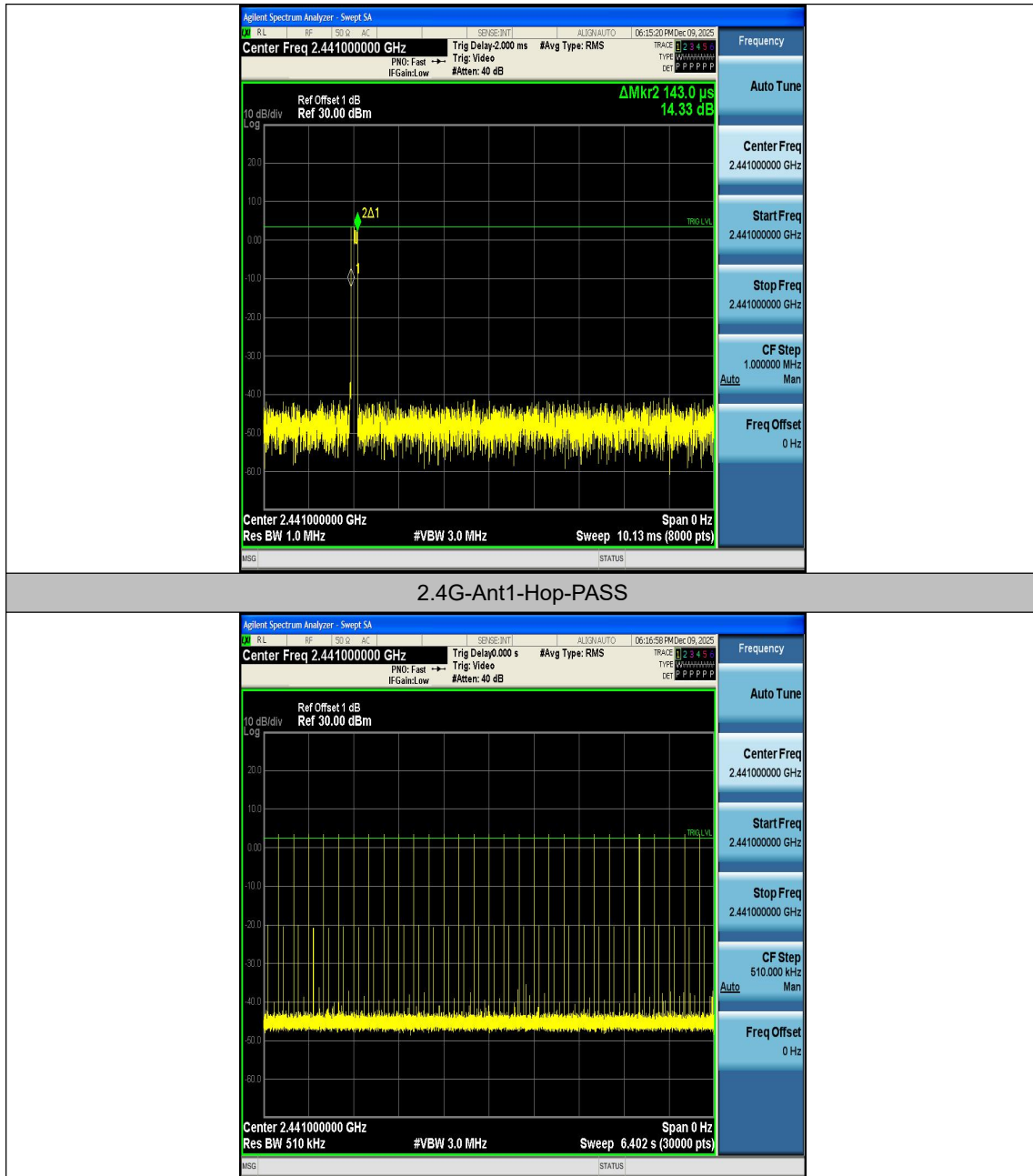


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.143	29	0.004	≤0.4	PASS

Test Graphs



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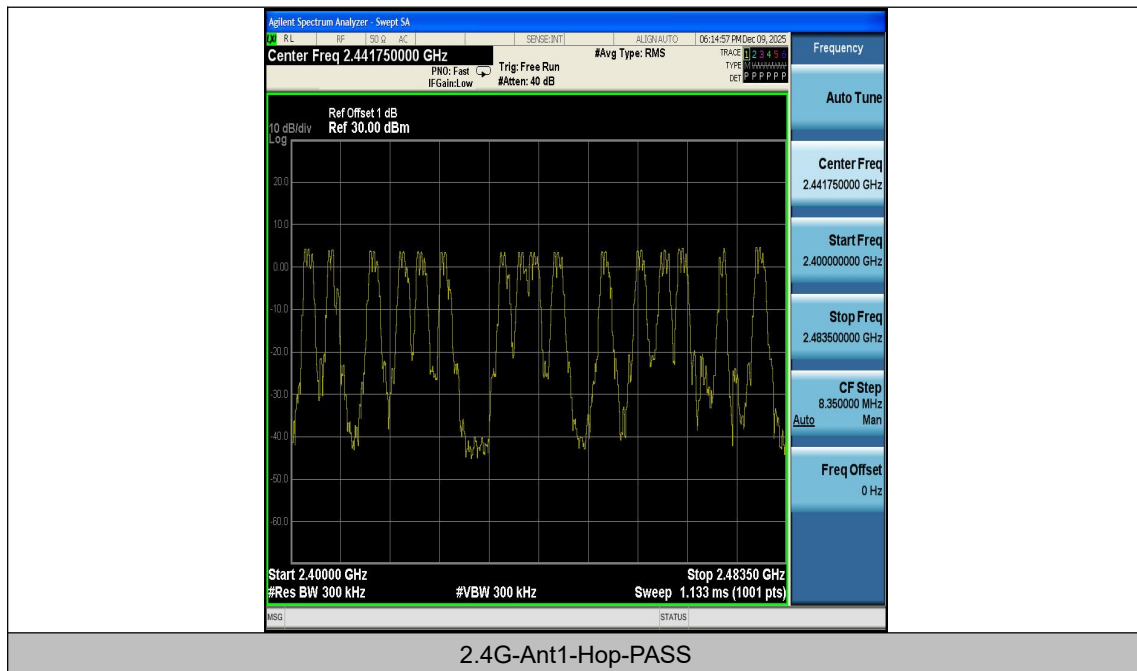
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs

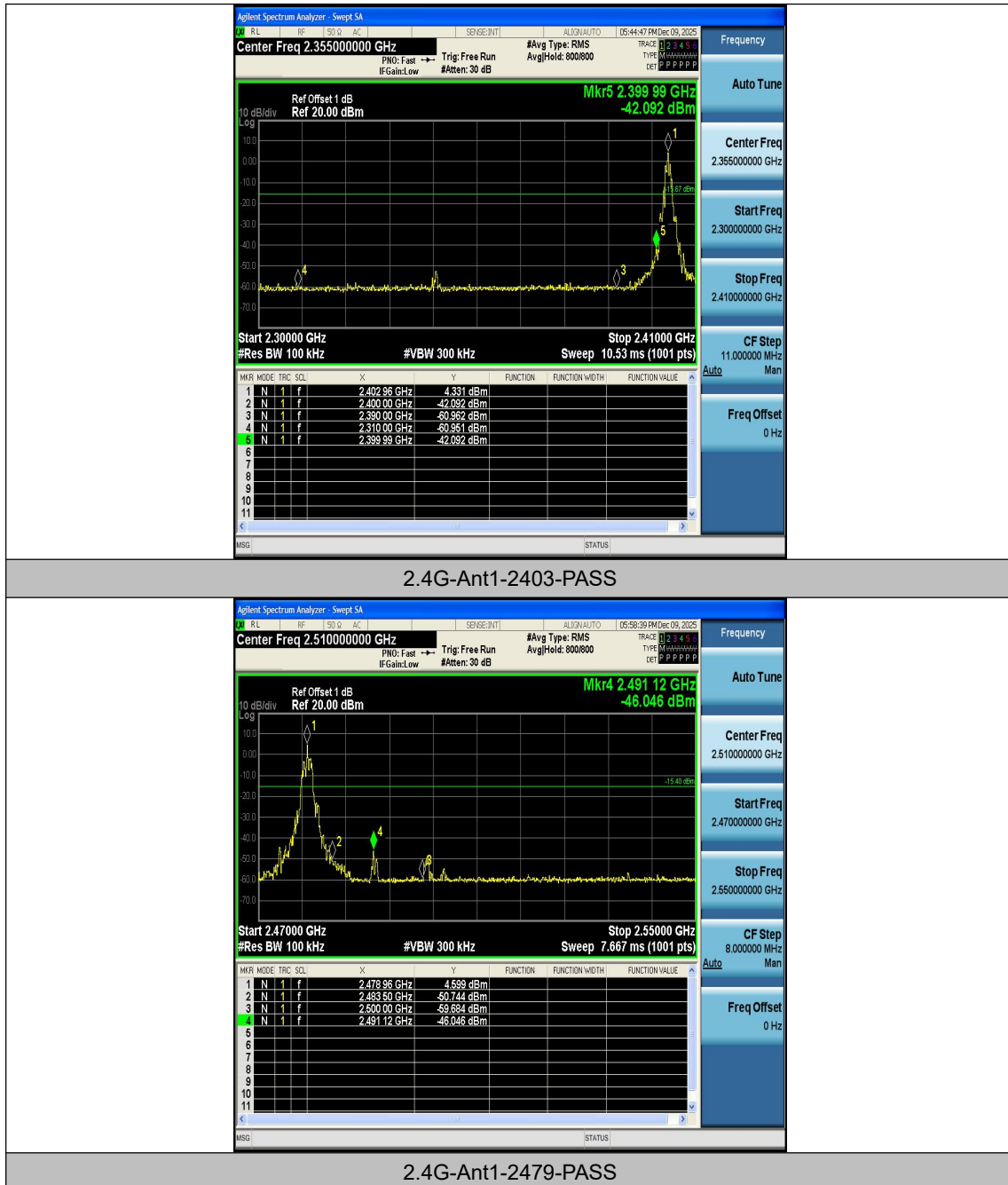


Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	4.33	-42.09	≤-15.67	PASS
2.4G	Ant1	High	2479	4.60	-46.05	≤-15.4	PASS
2.4G	Ant1	Low	Hop	4.07	-40.72	≤-15.94	PASS
2.4G	Ant1	High	Hop	4.50	-49.13	≤-15.5	PASS

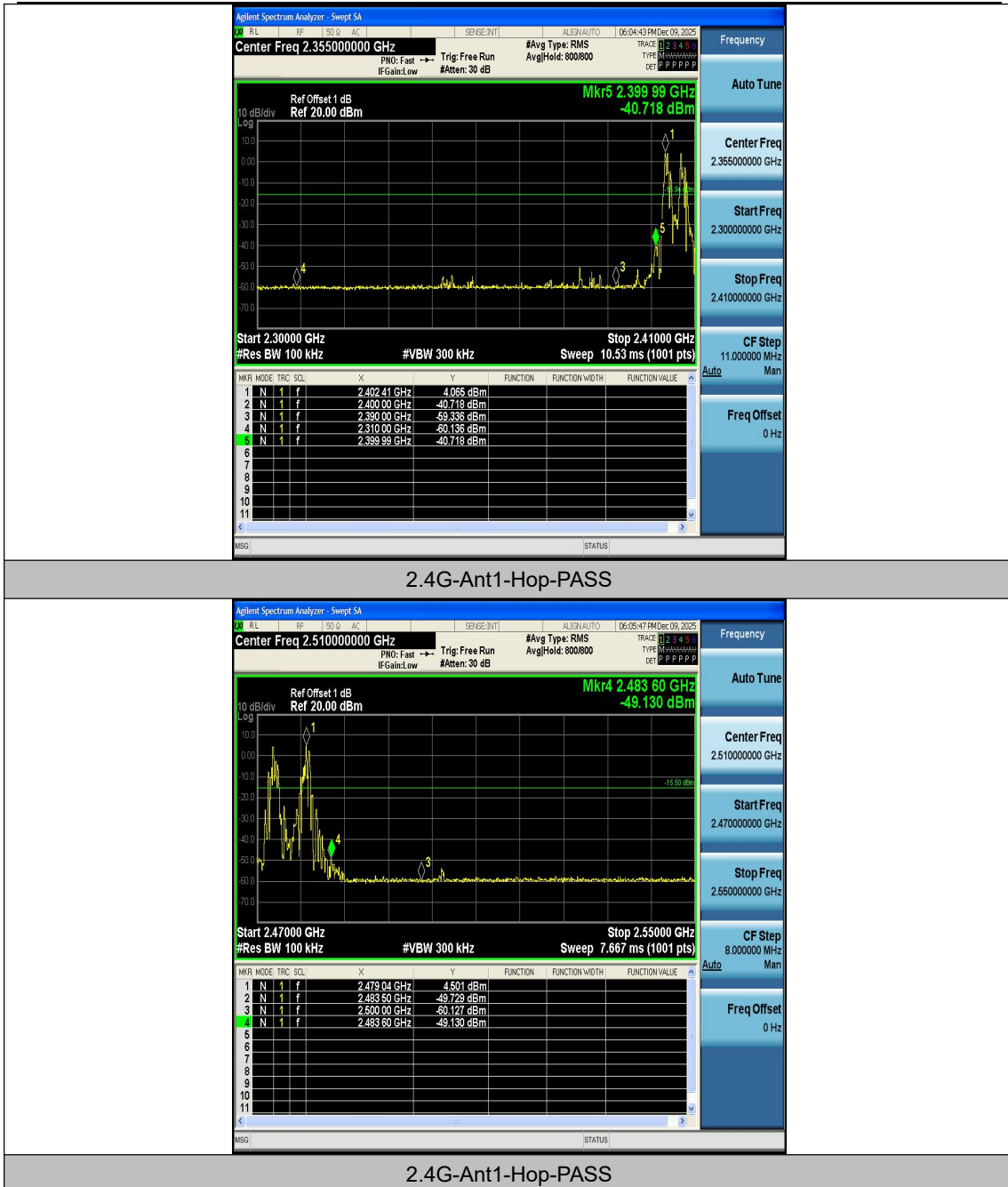
Test Graphs



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Appendix H: Conducted Spurious Emission

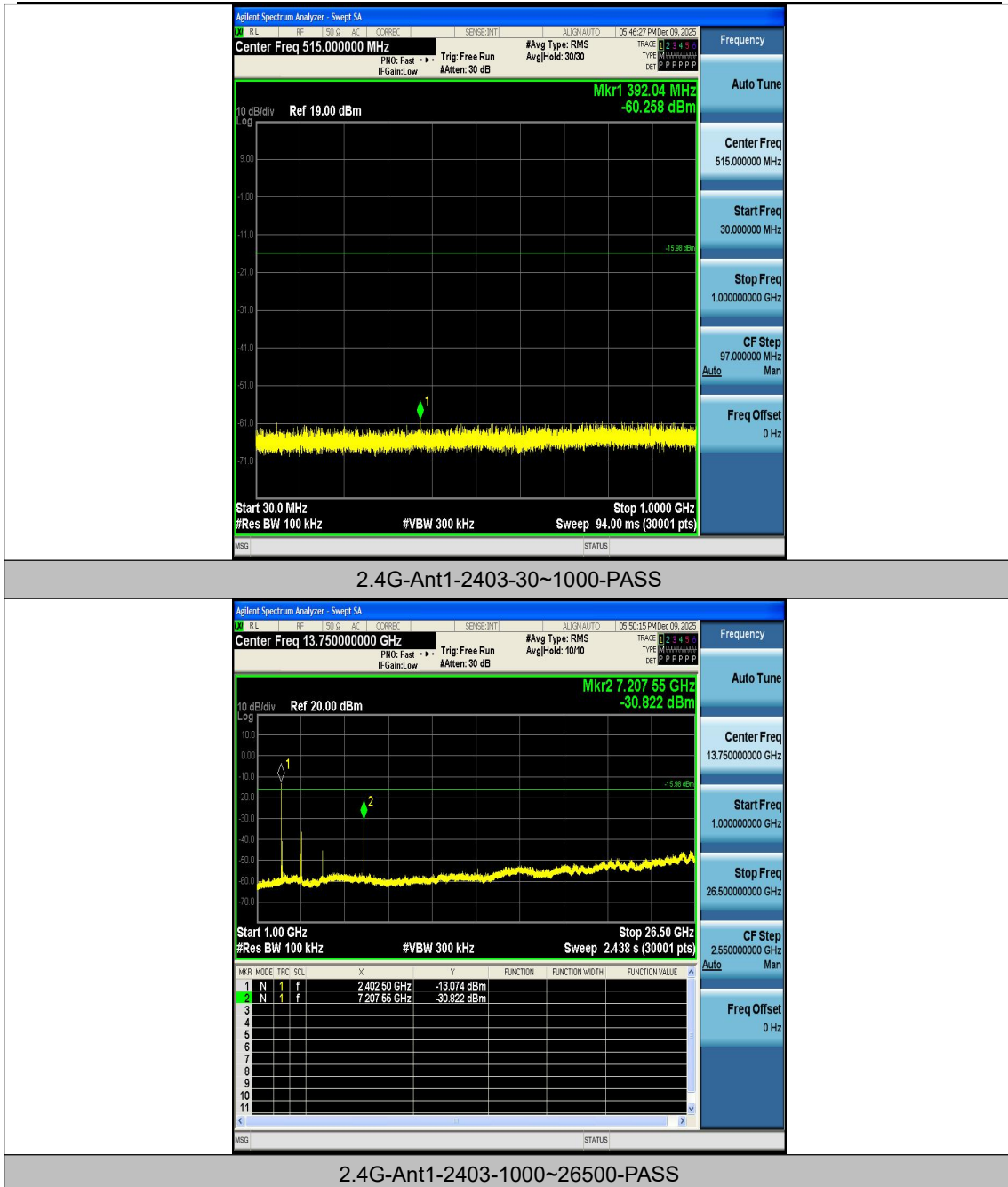
Test Result

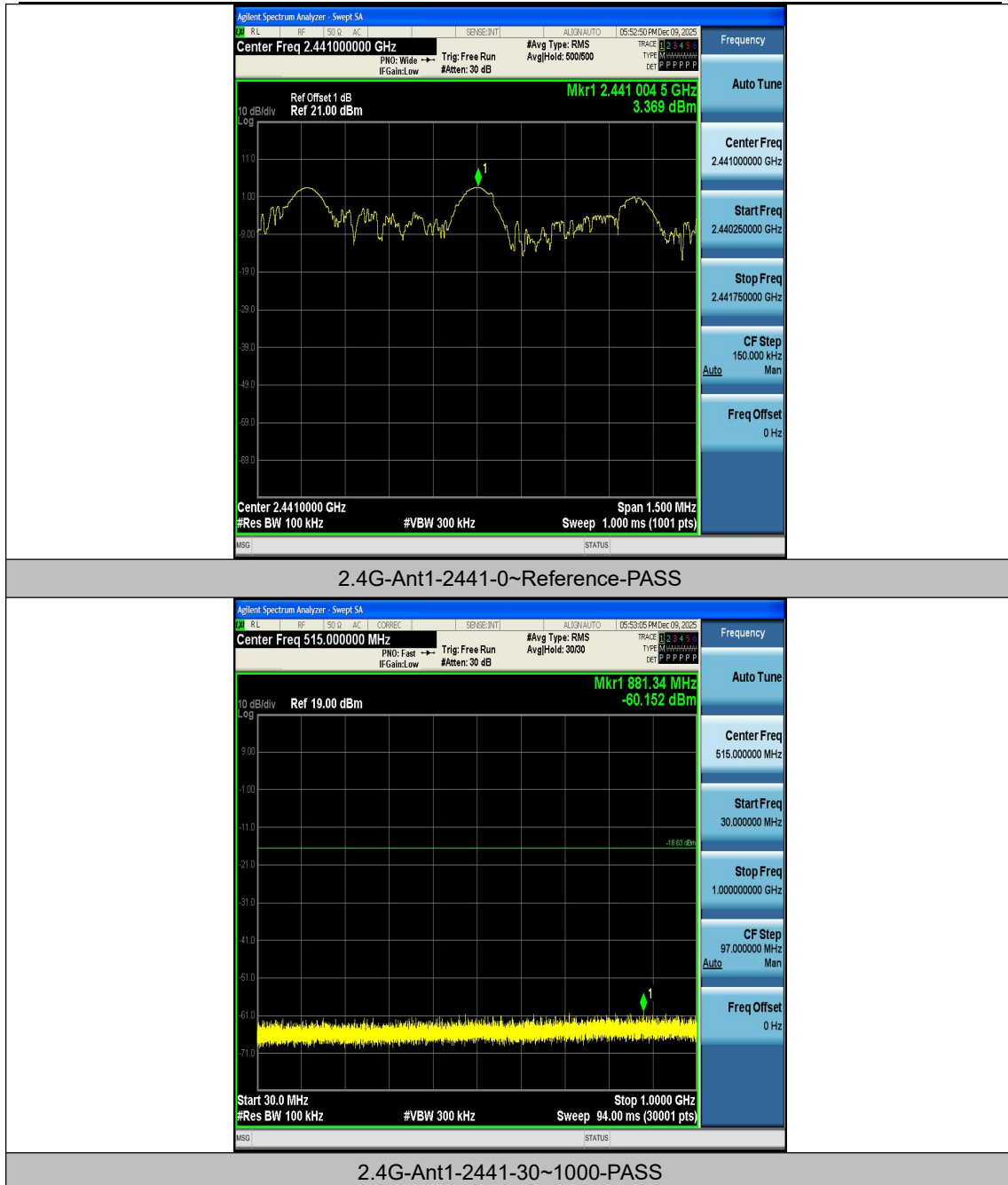
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	4.02	4.02	---	PASS
2.4G	Ant1	2403	30~1000	4.02	-60.26	≤-15.98	PASS
2.4G	Ant1	2403	1000~26500	4.02	-30.82	≤-15.98	PASS
2.4G	Ant1	2441	0~Reference	3.37	3.37	---	PASS
2.4G	Ant1	2441	30~1000	3.37	-60.15	≤-16.63	PASS
2.4G	Ant1	2441	1000~26500	3.37	-21.01	≤-16.63	PASS
2.4G	Ant1	2479	0~Reference	4.56	4.56	---	PASS
2.4G	Ant1	2479	30~1000	4.56	-59.66	≤-15.44	PASS
2.4G	Ant1	2479	1000~26500	4.56	-21.74	≤-15.44	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



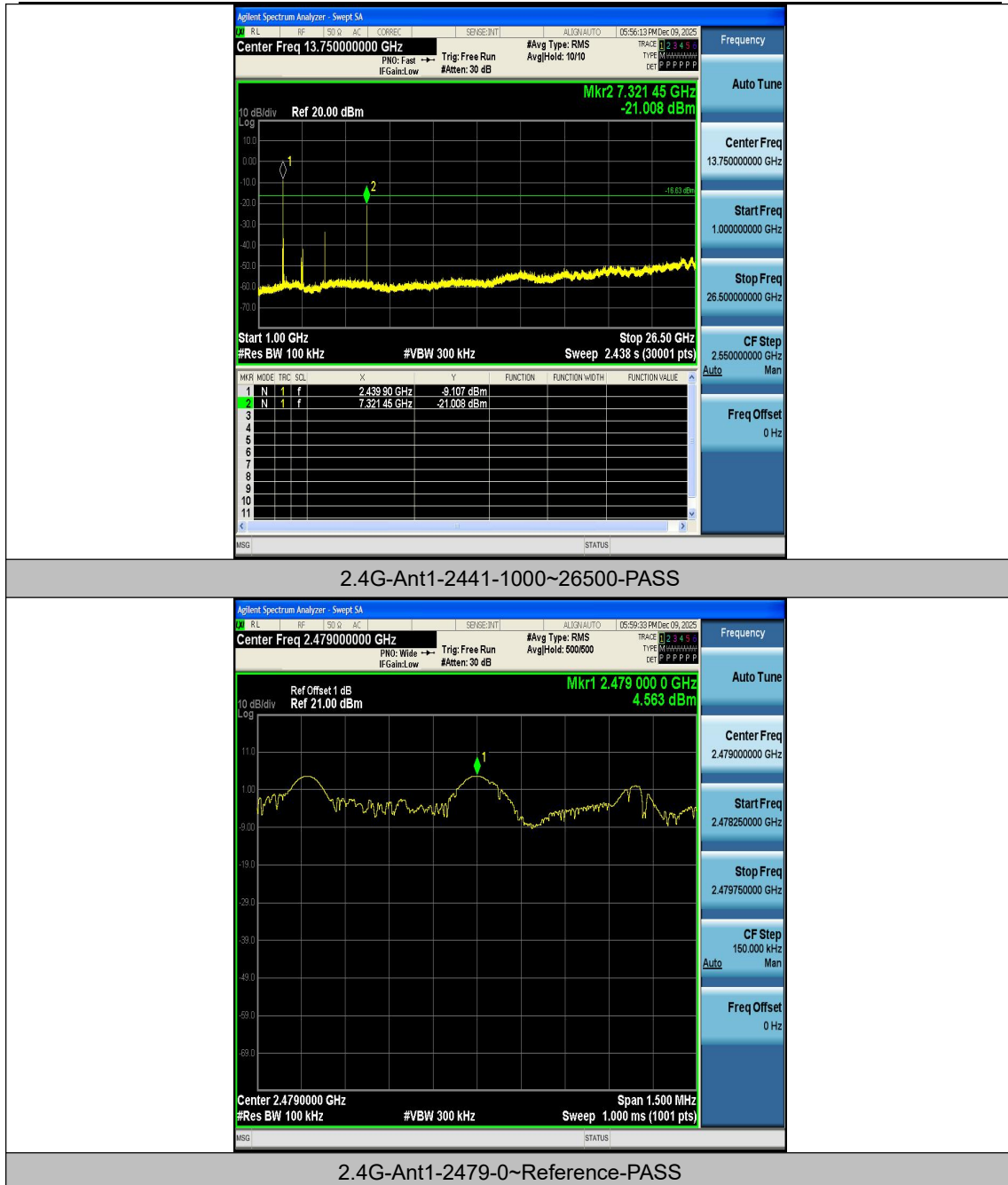




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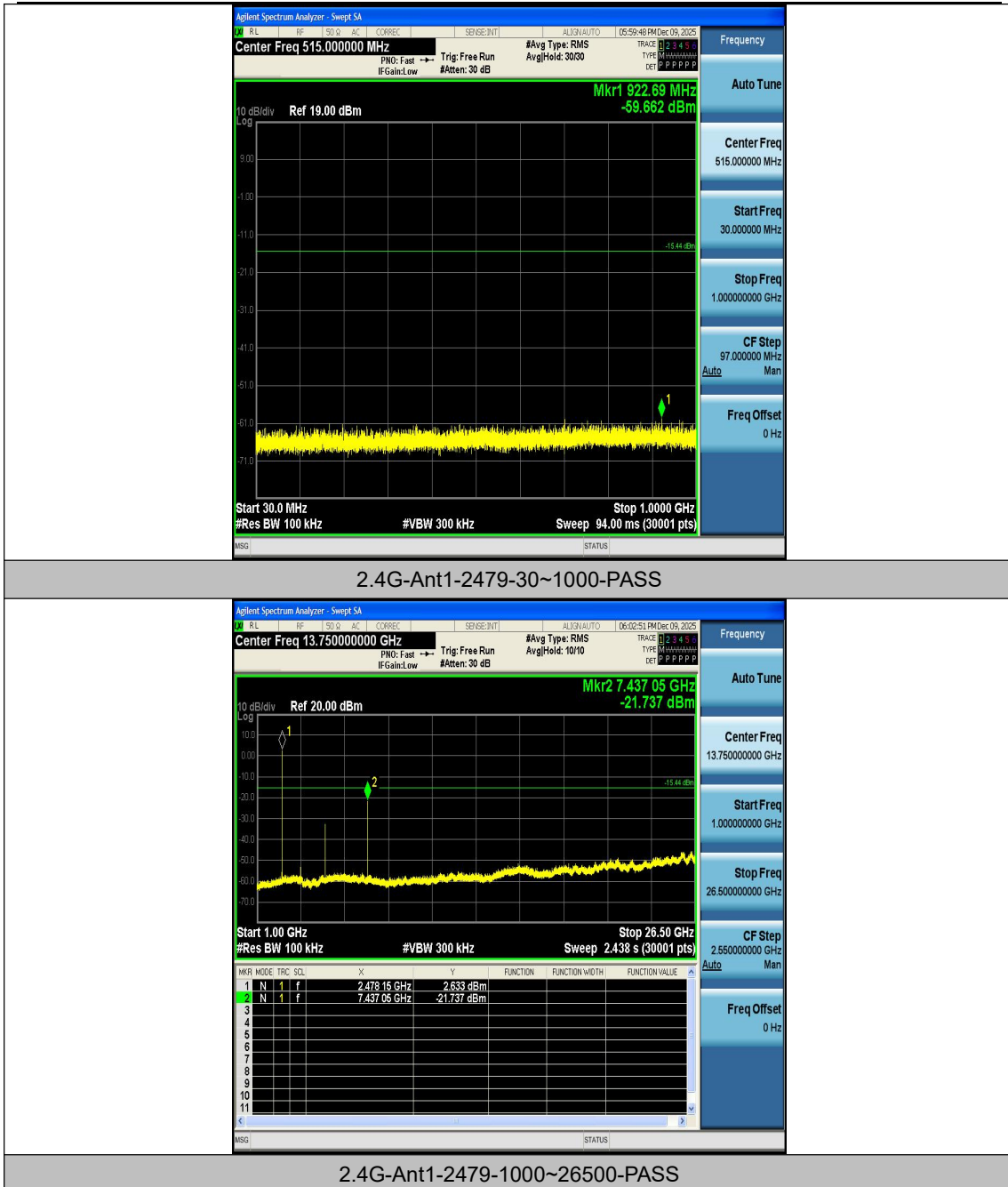
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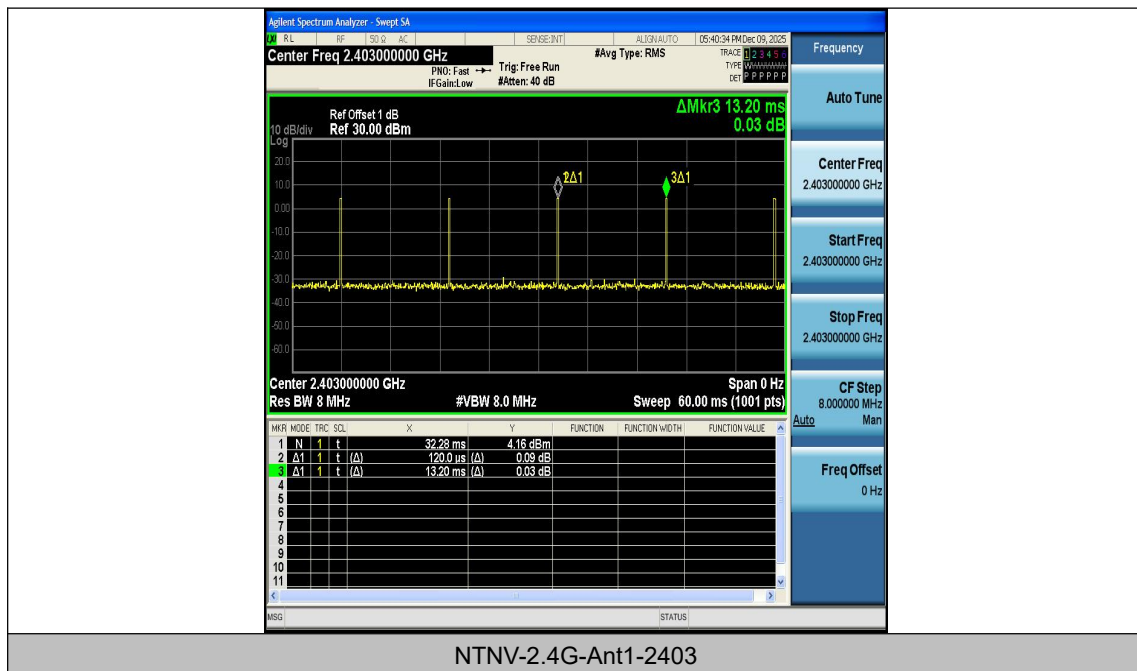
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

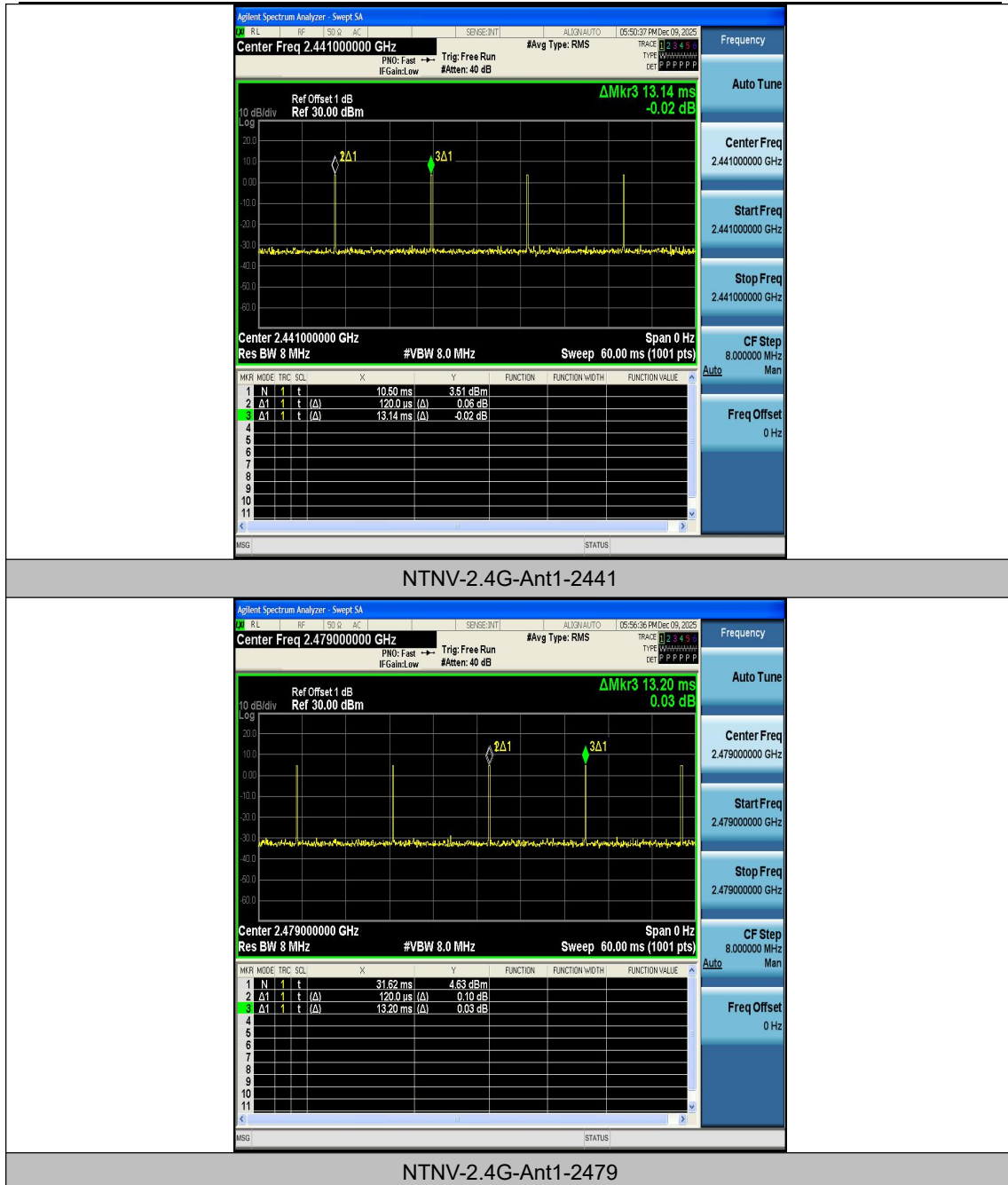
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	13.20	0.91	20.41
2.4G	Ant1	2441	0.12	13.14	0.91	20.41
2.4G	Ant1	2479	0.12	13.20	0.91	20.41

Test Graphs





---End---