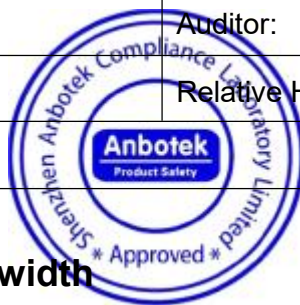


Appendix Test Data

Report No.:	1812C50612512501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-11-28	Finish Test Date:	2025-12-08
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.8°C	Relative Humidity:	42%
Pressure:	101kPa		

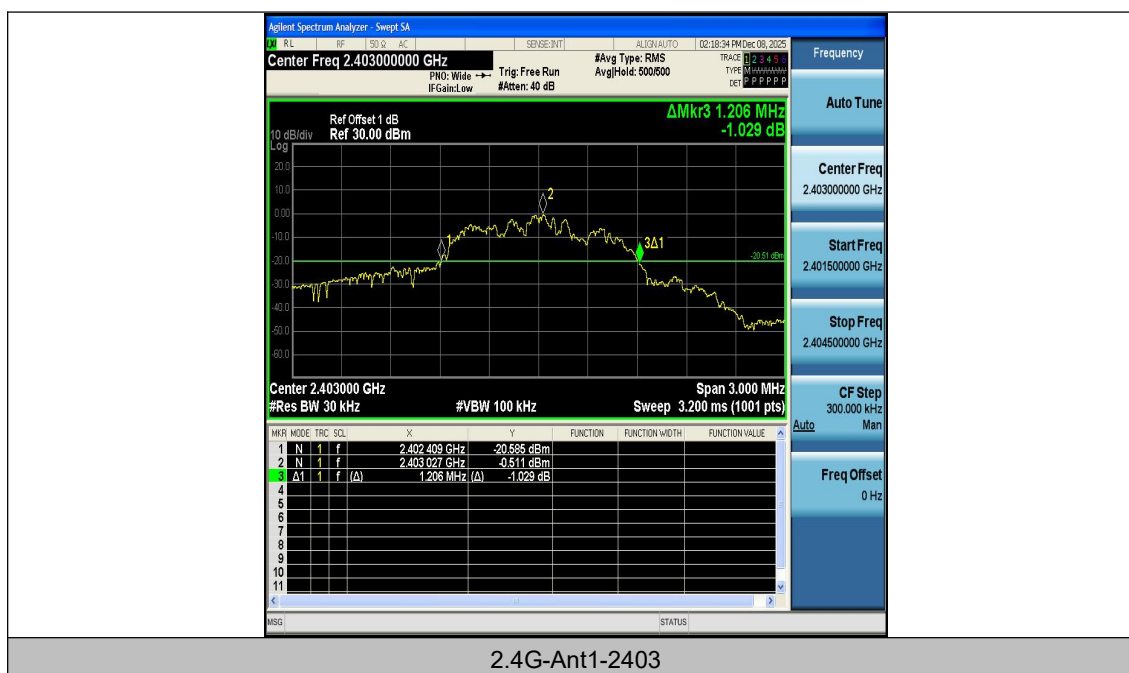


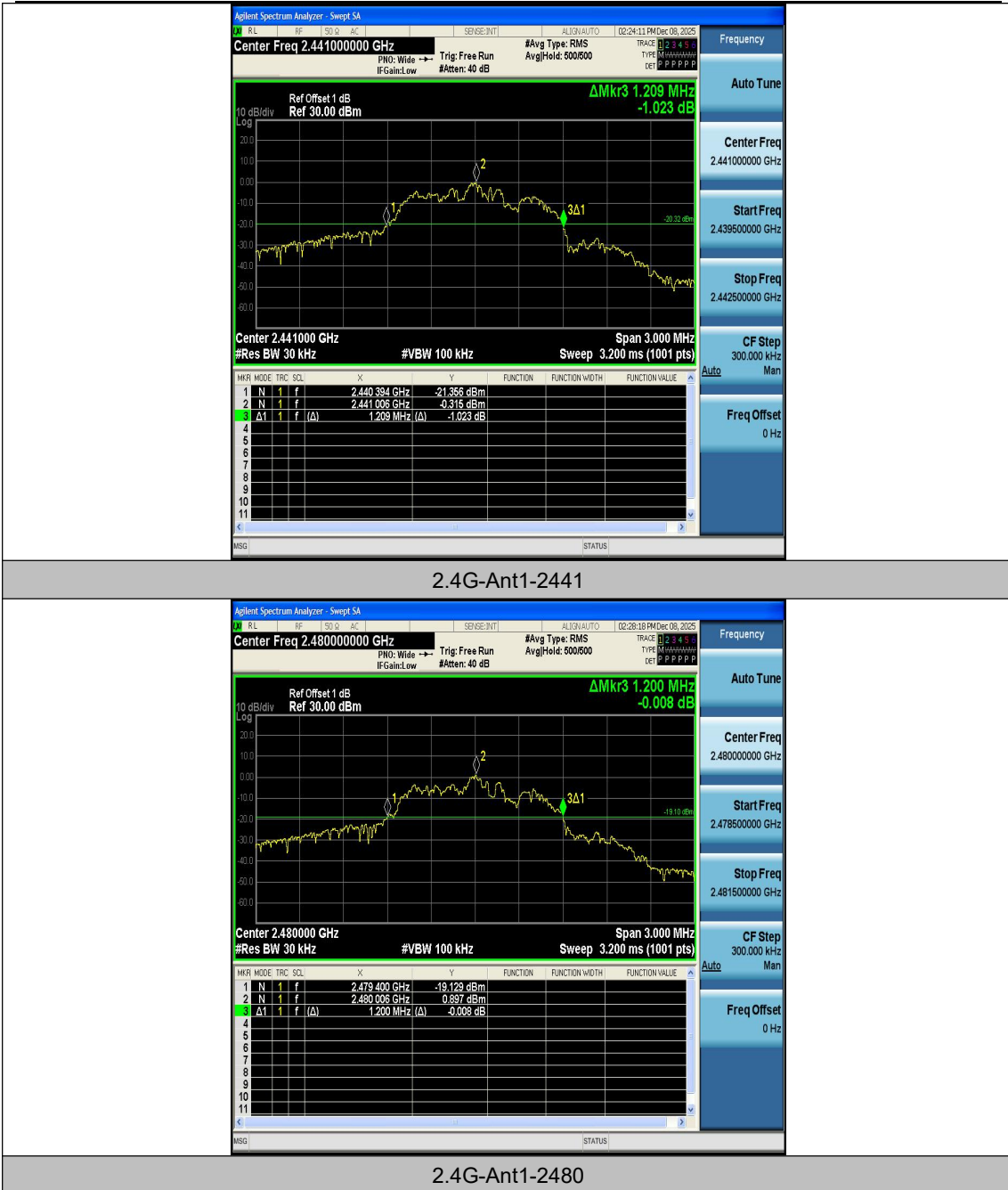
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	1.206	2402.409	2403.615	---	---
2.4G	Ant1	2441	1.209	2440.394	2441.603	---	---
2.4G	Ant1	2480	1.200	2479.400	2480.600	---	---

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	1.3362	2402.2335	2403.5697	---	---
2.4G	Ant1	2441	1.3145	2440.2449	2441.5594	---	---
2.4G	Ant1	2480	1.3120	2479.2532	2480.5652	---	---

Test Graphs





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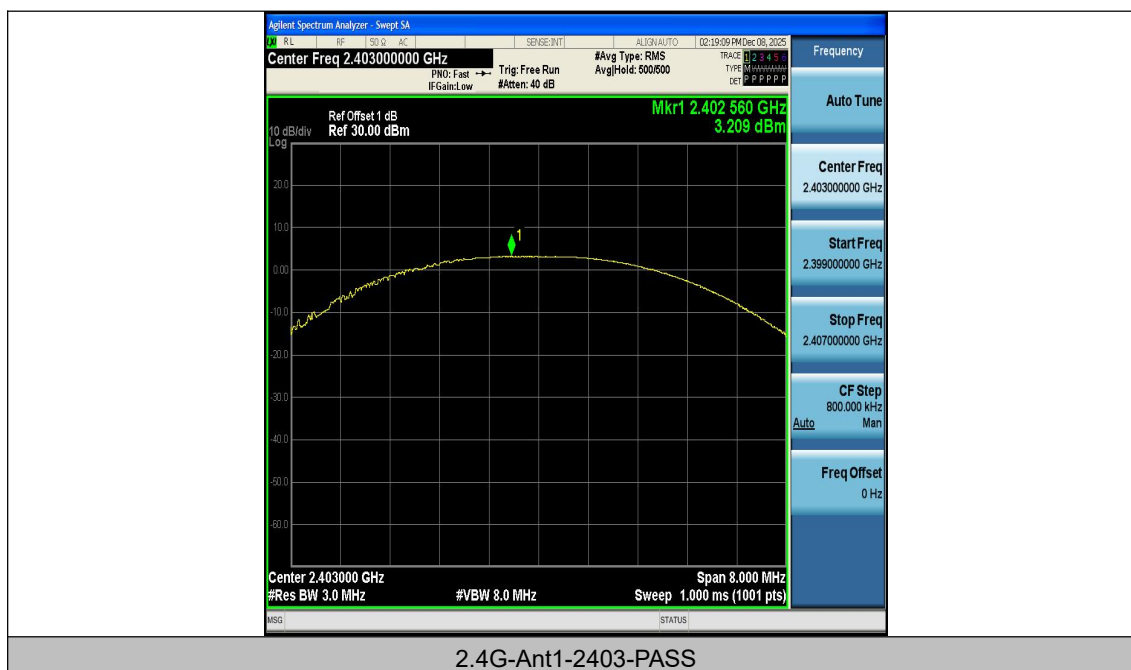
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

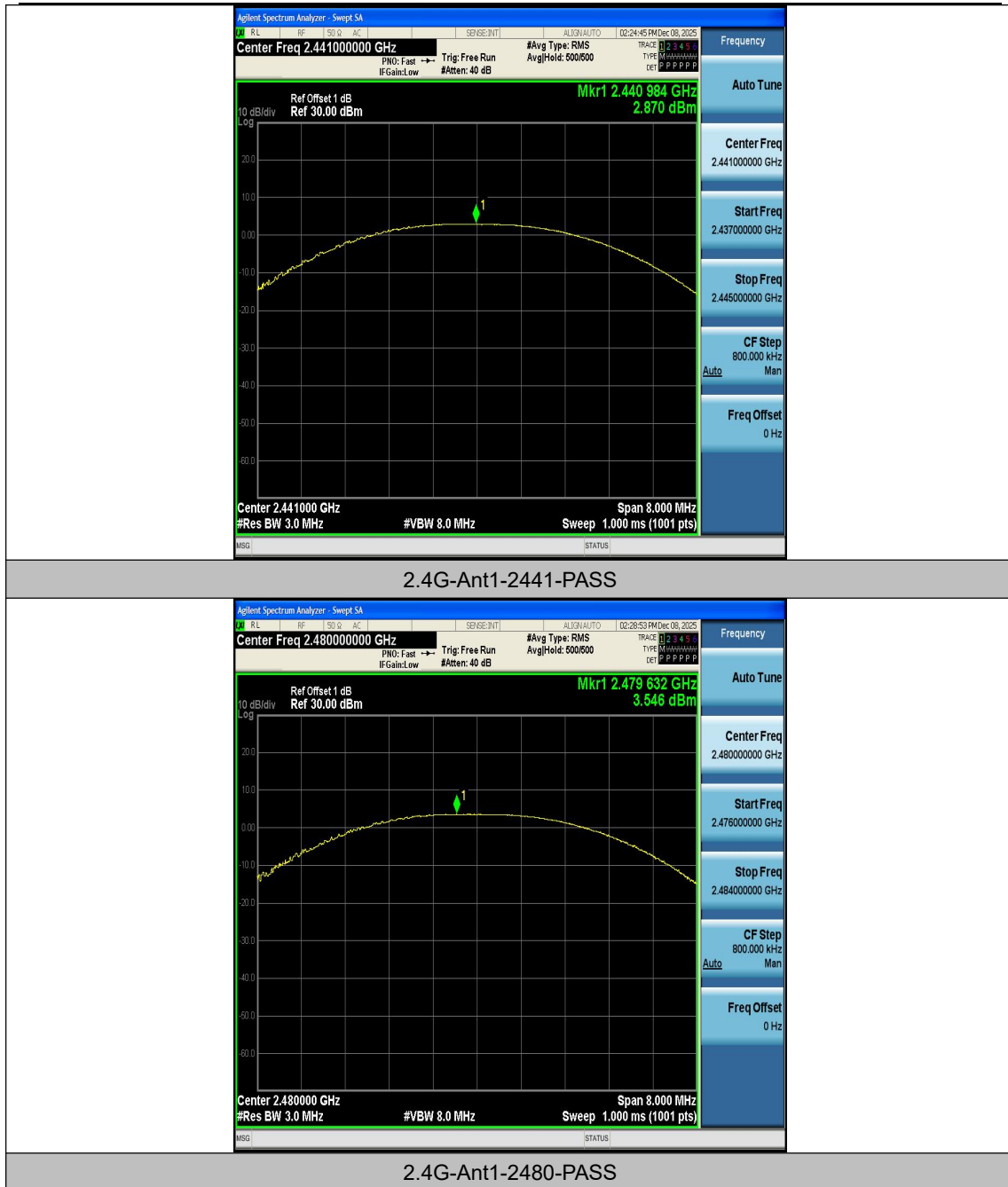
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	3.21	≤20.97	PASS
2.4G	Ant1	2441	2.87	≤20.97	PASS
2.4G	Ant1	2480	3.55	≤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	2.100	>0.8	PASS

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

Test Graphs

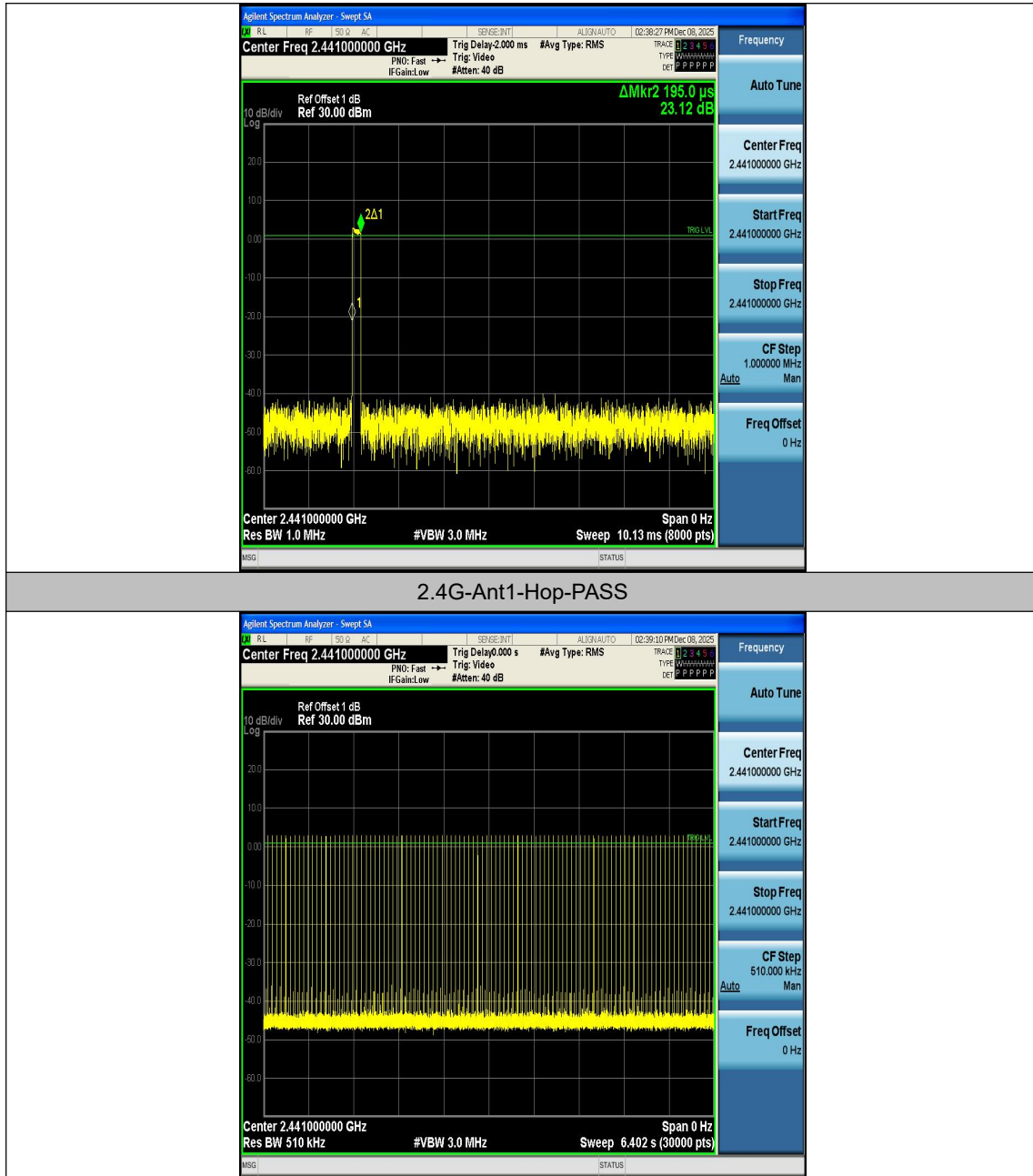


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.195	101	0.02	≤0.4	PASS

Test Graphs



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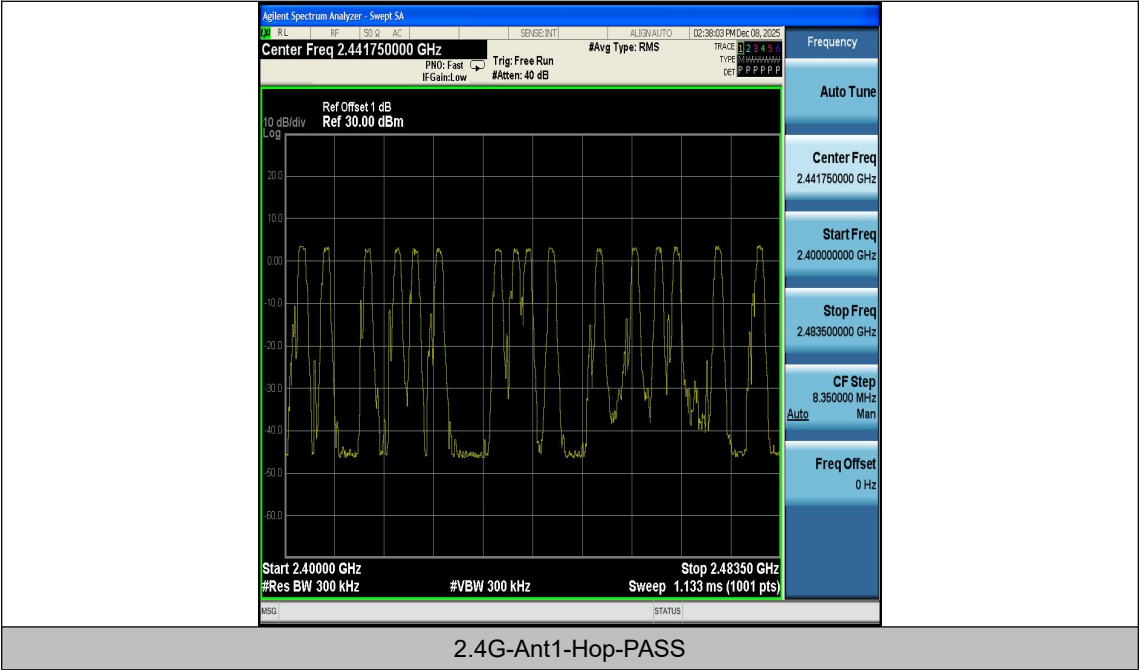
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs

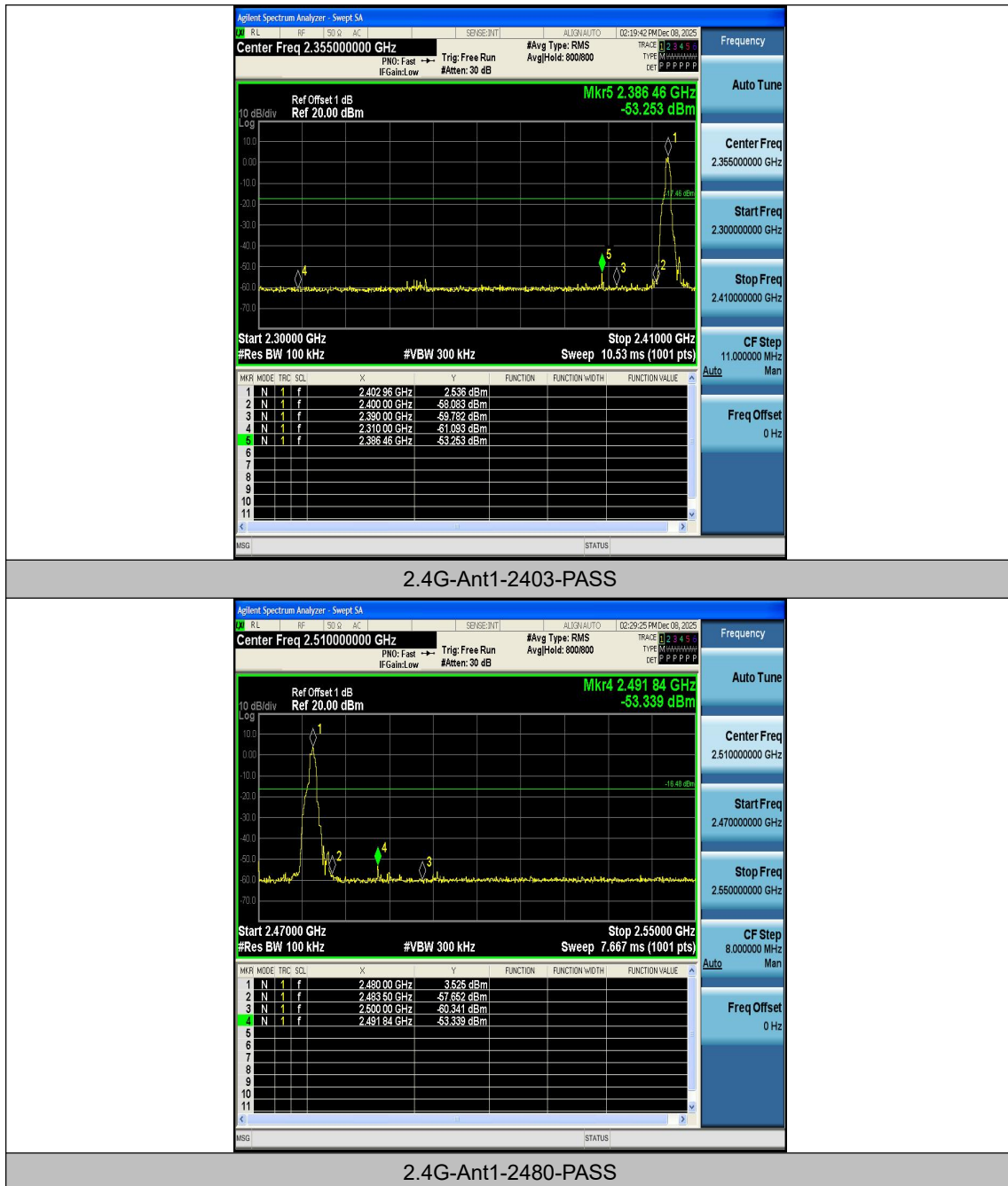


Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	2.54	-53.25	≤-17.46	PASS
2.4G	Ant1	High	2480	3.53	-53.34	≤-16.48	PASS
2.4G	Ant1	Low	Hop	2.78	-53.67	≤-17.22	PASS
2.4G	Ant1	High	Hop	2.81	-55.52	≤-17.19	PASS

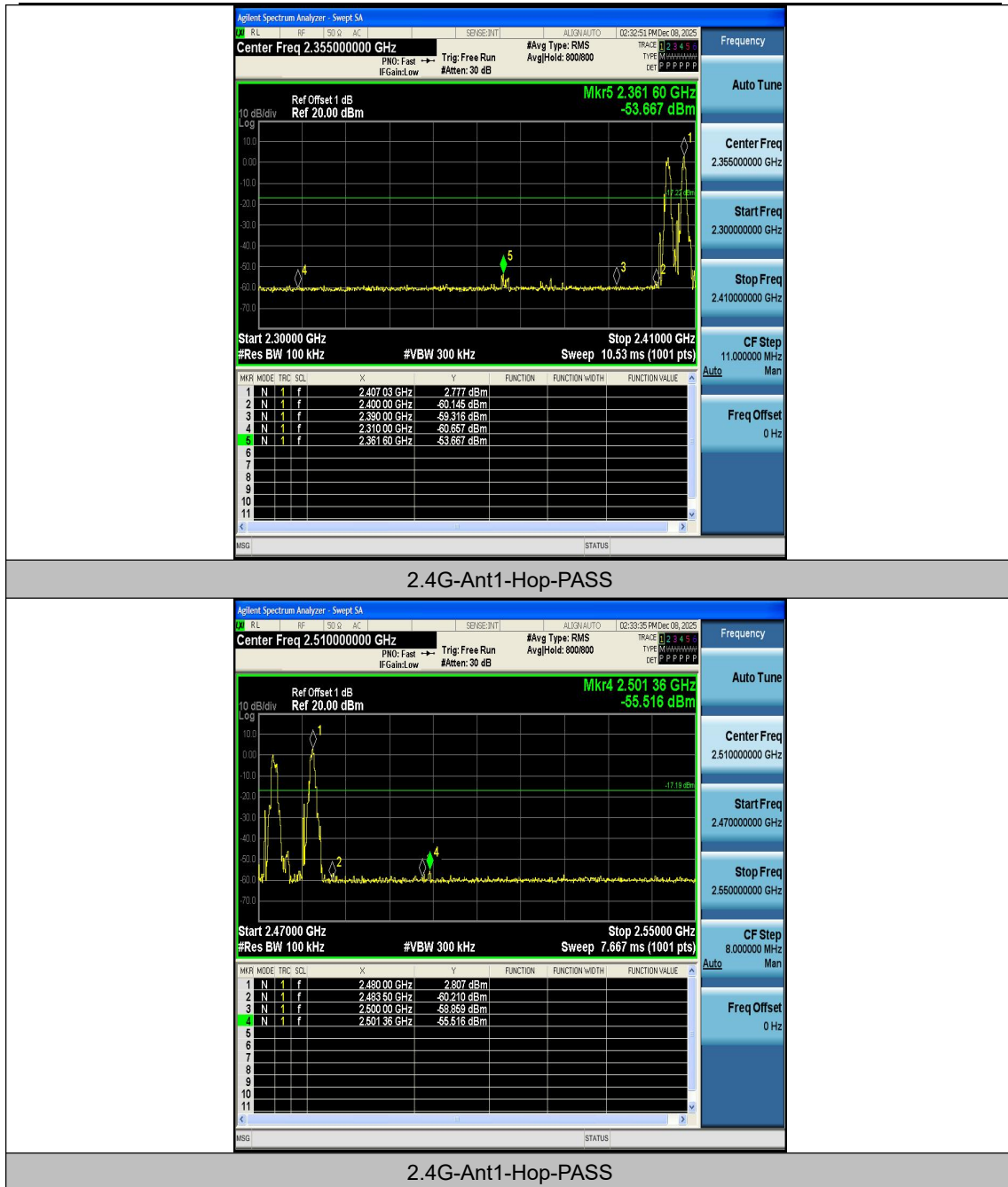
Test Graphs



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Appendix H: Conducted Spurious Emission

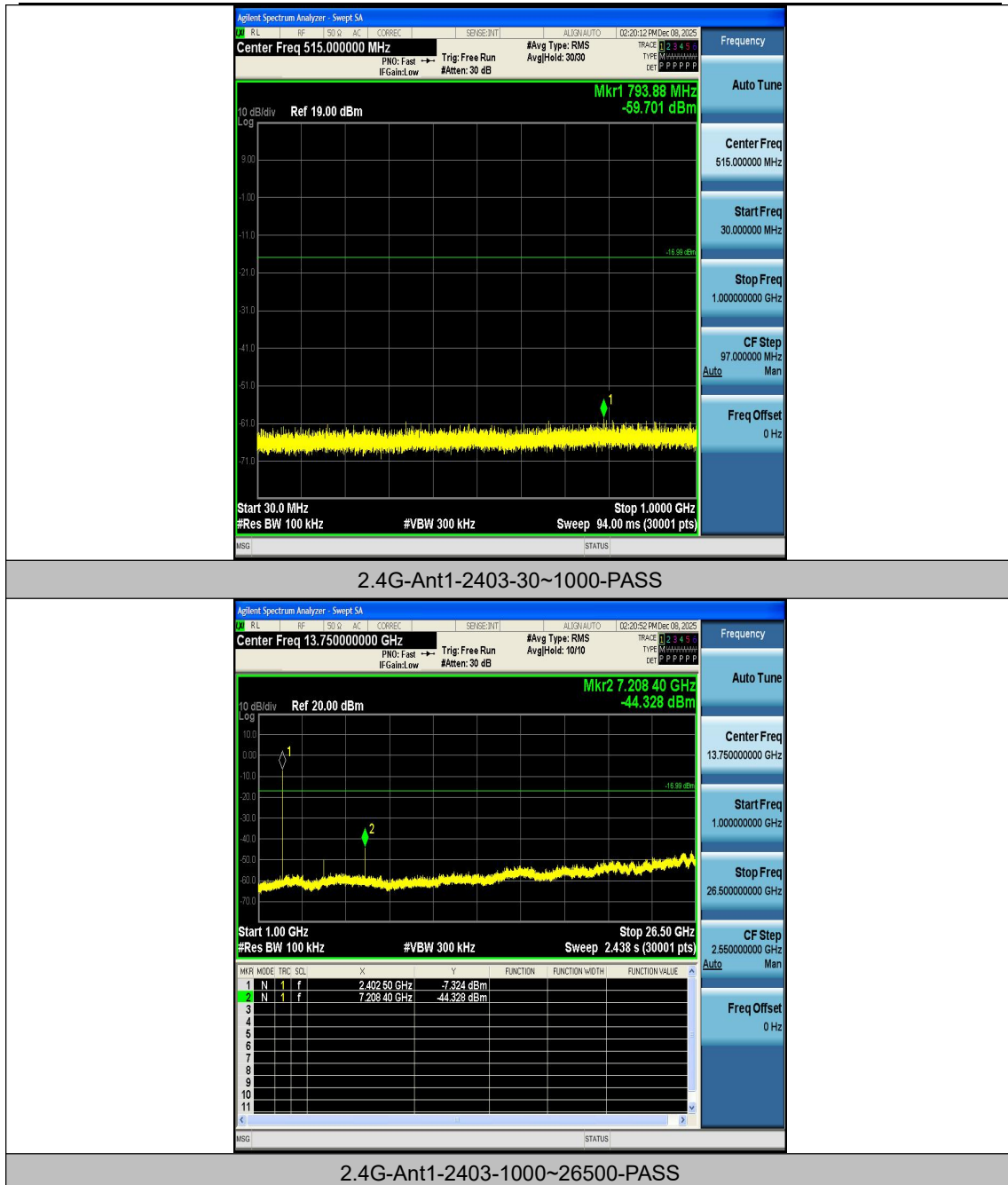
Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	3.01	3.01	---	PASS
2.4G	Ant1	2403	30~1000	3.01	-59.7	≤-16.99	PASS
2.4G	Ant1	2403	1000~26500	3.01	-44.33	≤-16.99	PASS
2.4G	Ant1	2441	0~Reference	2.63	2.63	---	PASS
2.4G	Ant1	2441	30~1000	2.63	-59.14	≤-17.37	PASS
2.4G	Ant1	2441	1000~26500	2.63	-43.68	≤-17.37	PASS
2.4G	Ant1	2480	0~Reference	3.44	3.44	---	PASS
2.4G	Ant1	2480	30~1000	3.44	-60.08	≤-16.56	PASS
2.4G	Ant1	2480	1000~26500	3.44	-46.27	≤-16.56	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

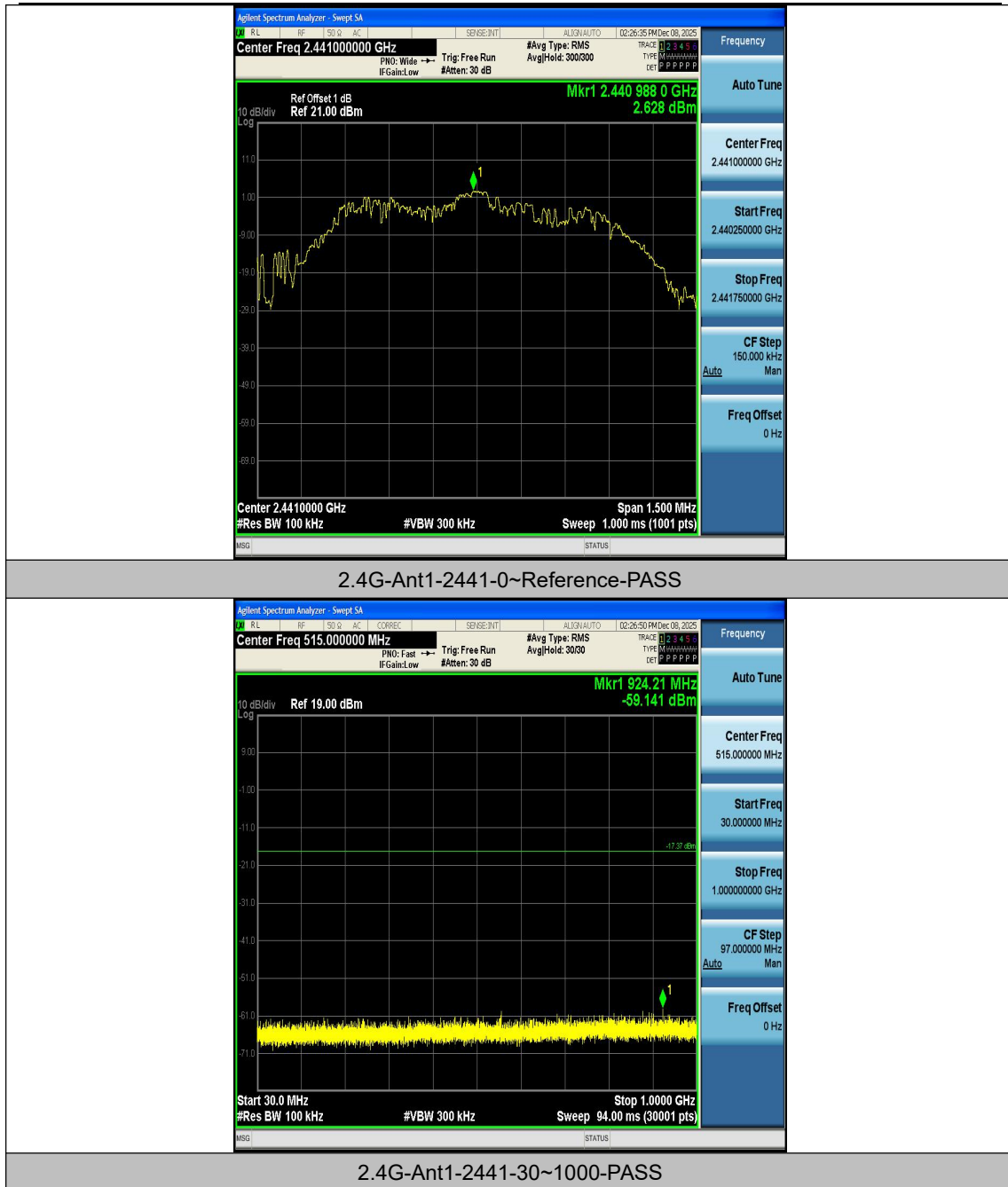




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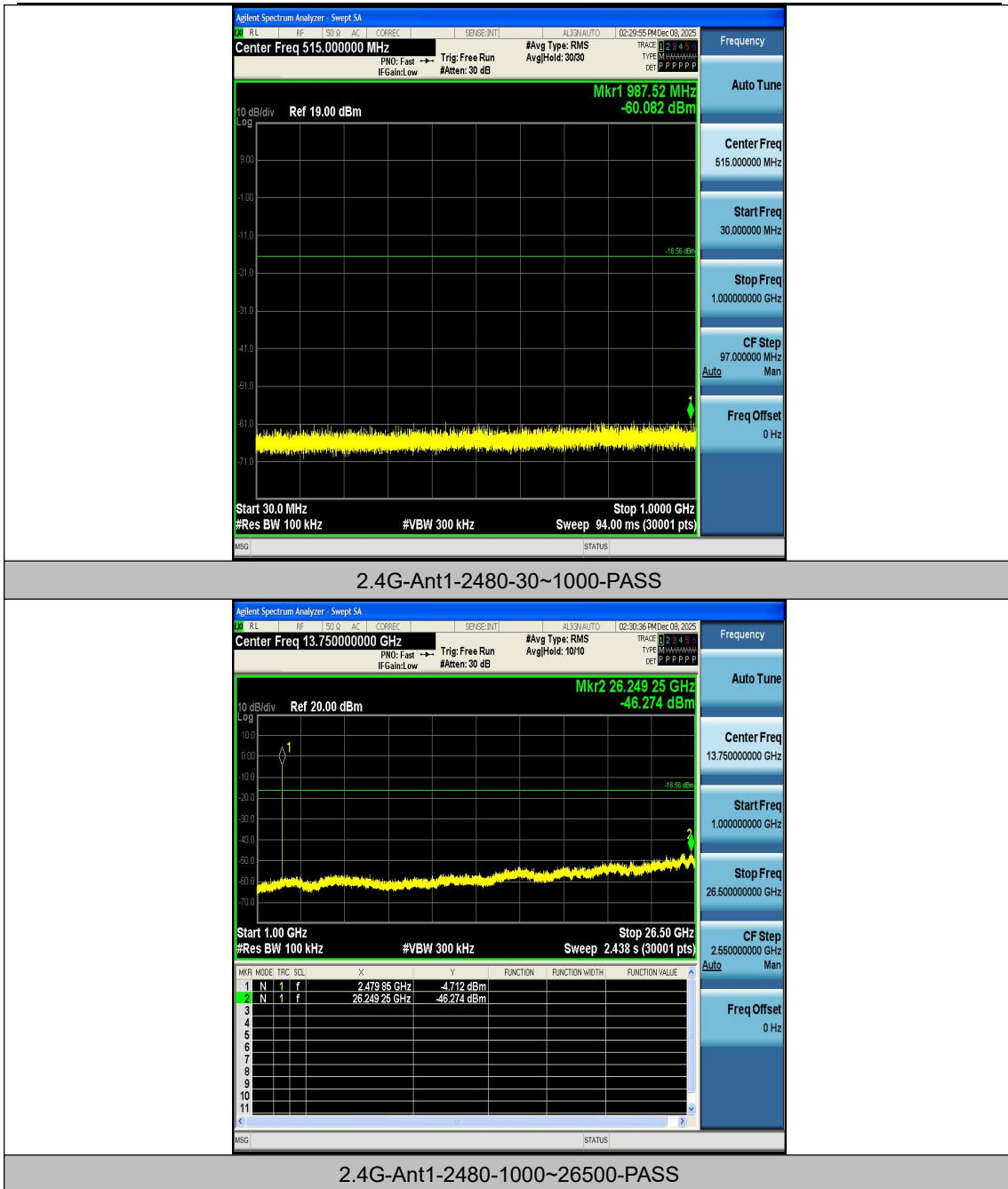
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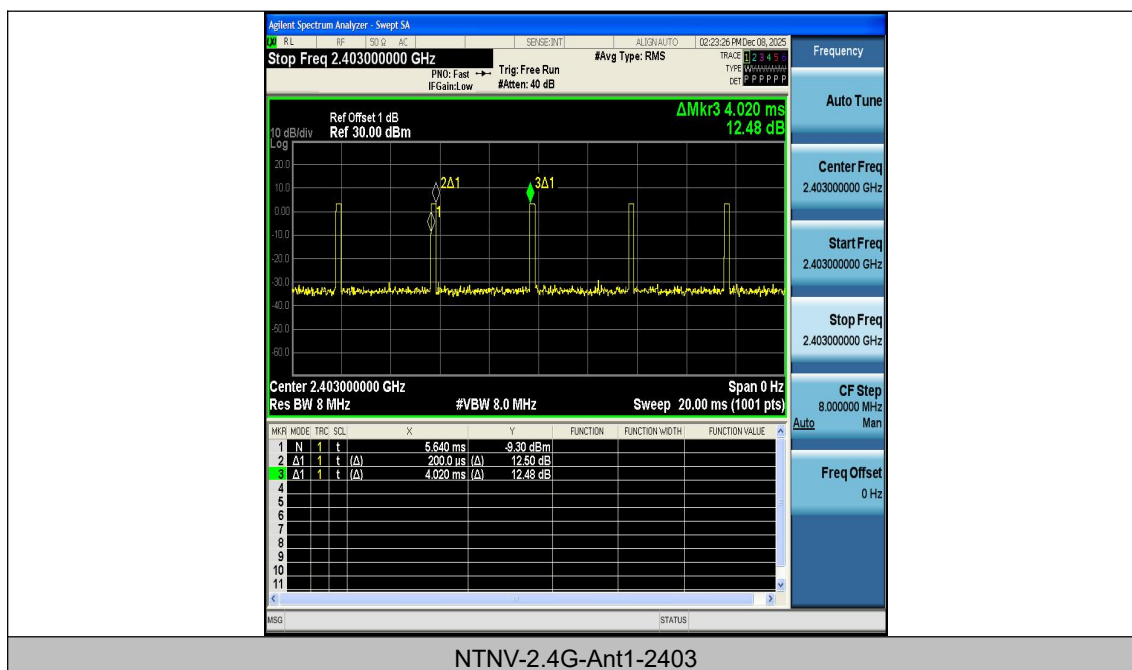
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

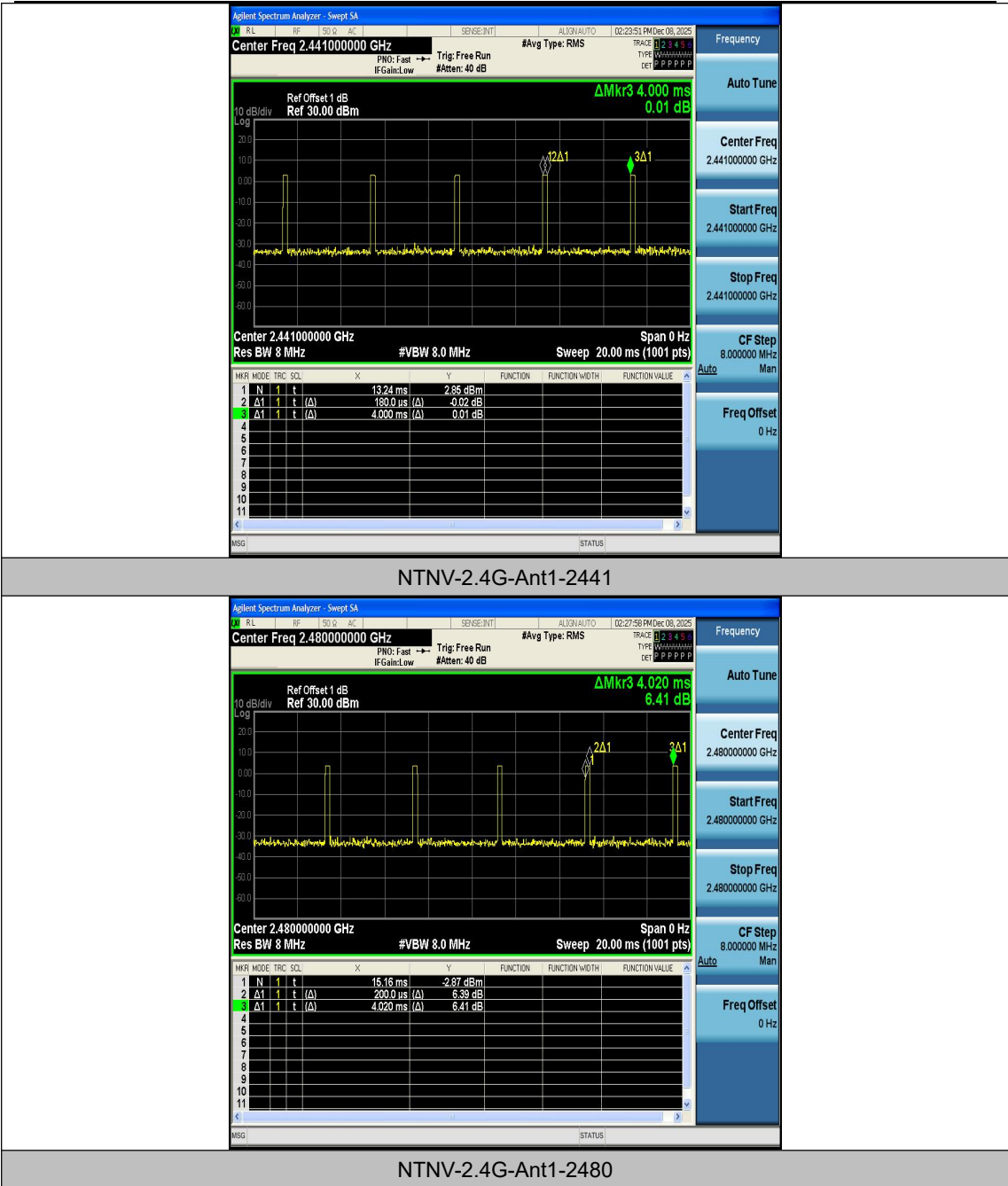
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.20	4.02	4.98	13.03
2.4G	Ant1	2441	0.18	4.00	4.50	13.47
2.4G	Ant1	2480	0.20	4.02	4.98	13.03

Test Graphs





---End---