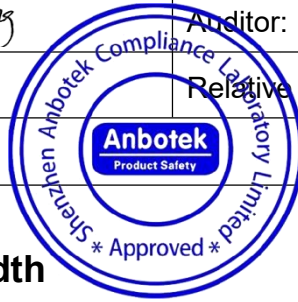


Appendix Test Data

Report No.:	1812C50468612502-01	Test Sample No.:	1-2-2
Start Test Date:	2025-09-17	Finish Test Date:	2025-09-17
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	27°C	Relative Humidity:	51%
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	2404	1.085	2403.480	2404.565	---	---
2.4G	Ant1	2446	1.095	2445.475	2446.570	---	---
2.4G	Ant1	2479	1.090	2478.475	2479.565	---	---

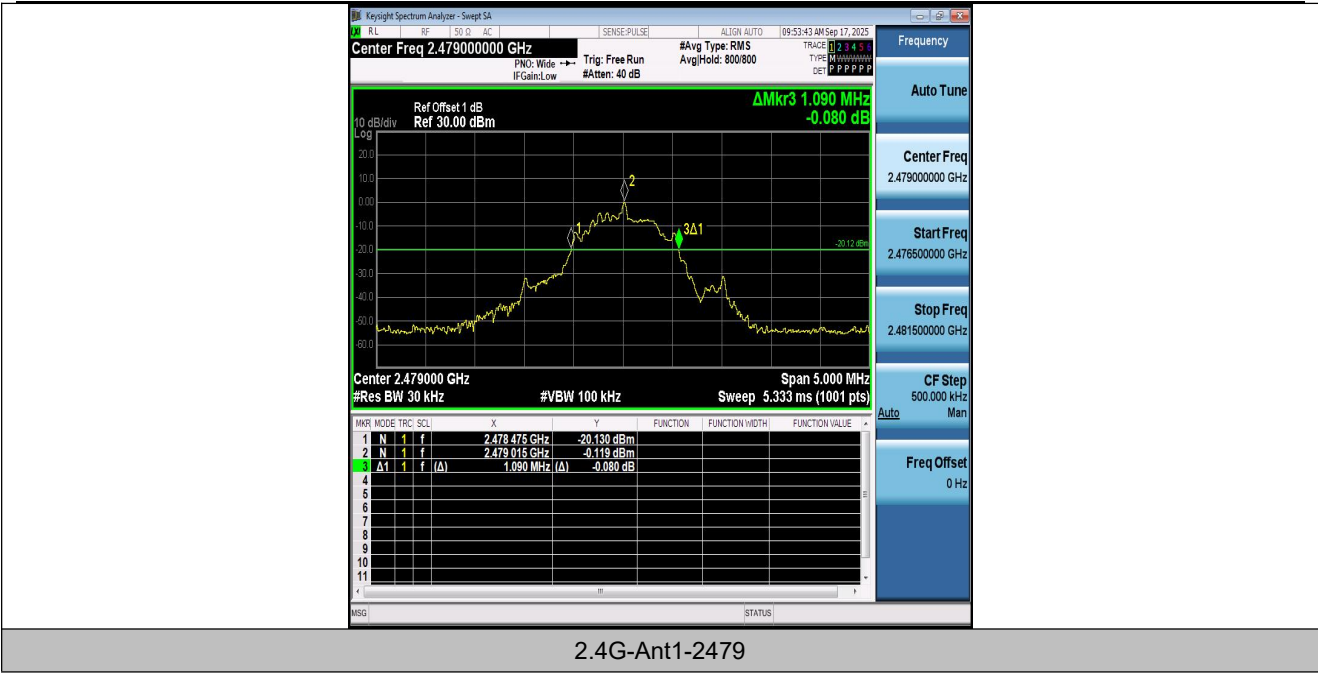
Test Graphs



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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	2404	1.0426	2403.4949	2404.5375	---	---
2.4G	Ant1	2446	1.0430	2445.4947	2446.5377	---	---
2.4G	Ant1	2479	1.0402	2478.4965	2479.5367	---	---

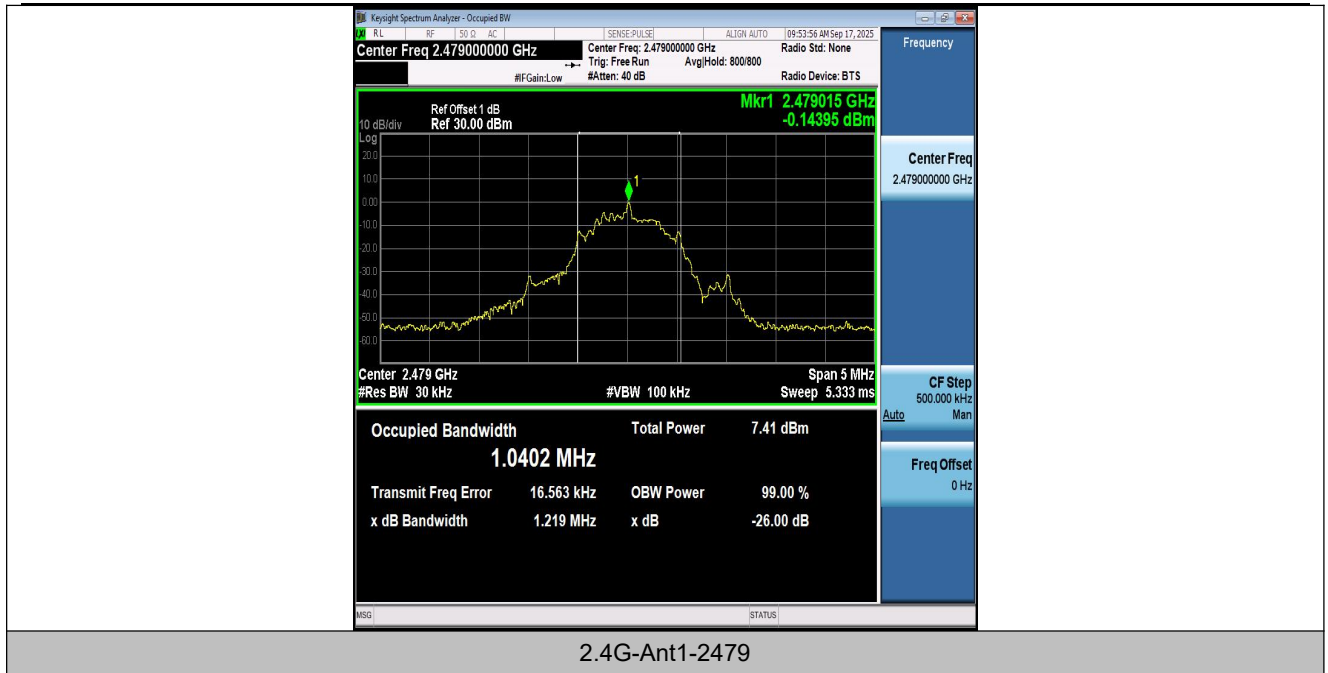
Test Graphs



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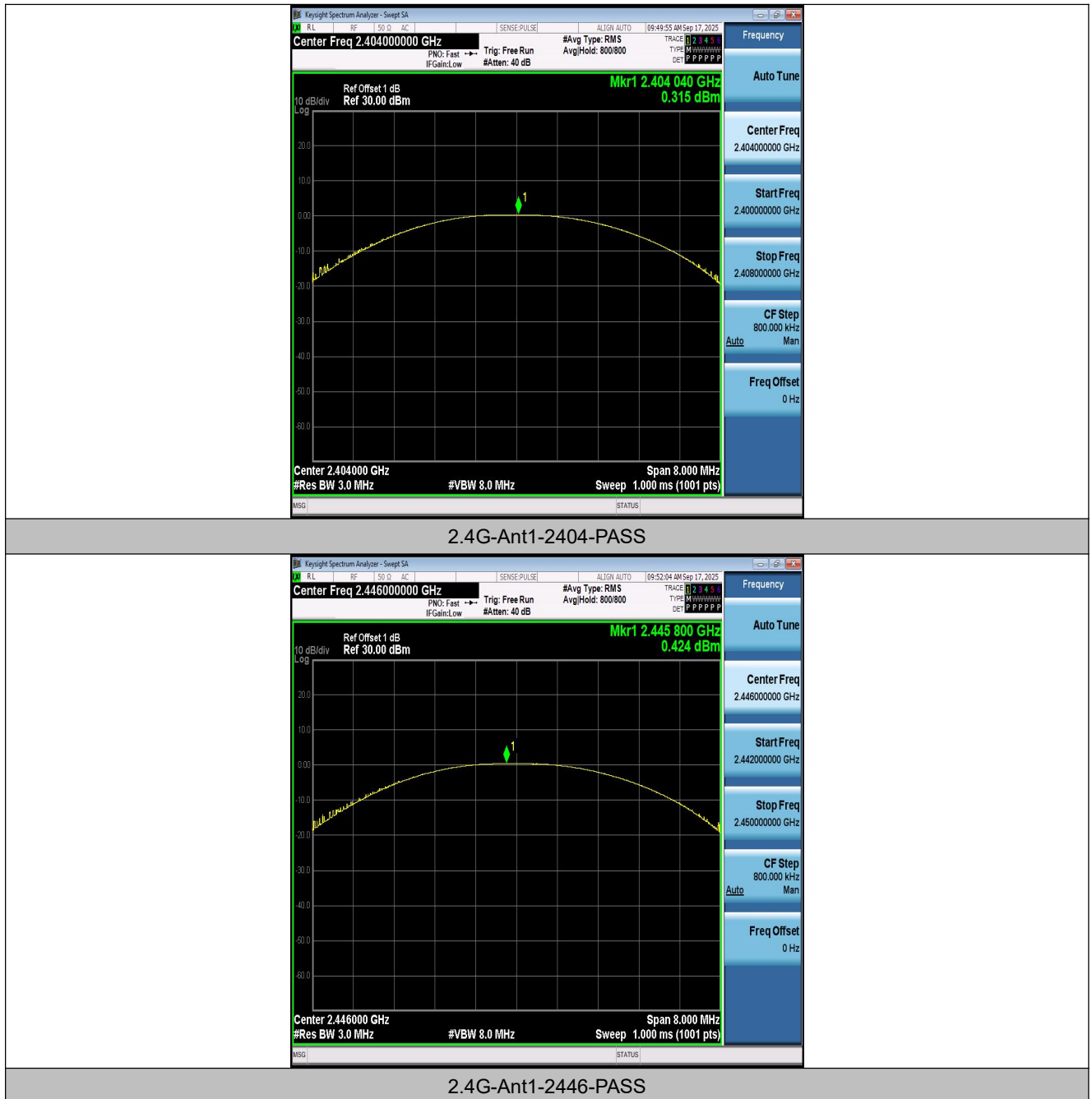
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2404	0.32	≤20.97	PASS
2.4G	Ant1	2446	0.42	≤20.97	PASS
2.4G	Ant1	2479	0.51	≤20.97	PASS

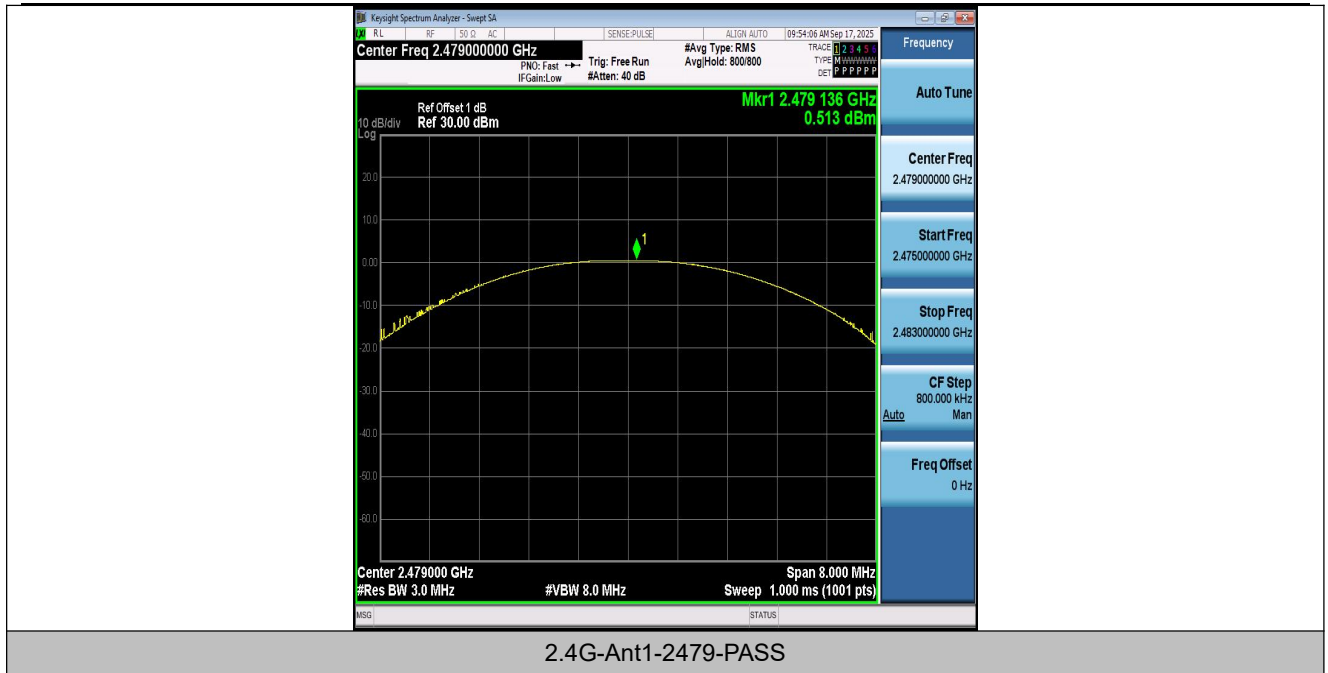
Test Graphs



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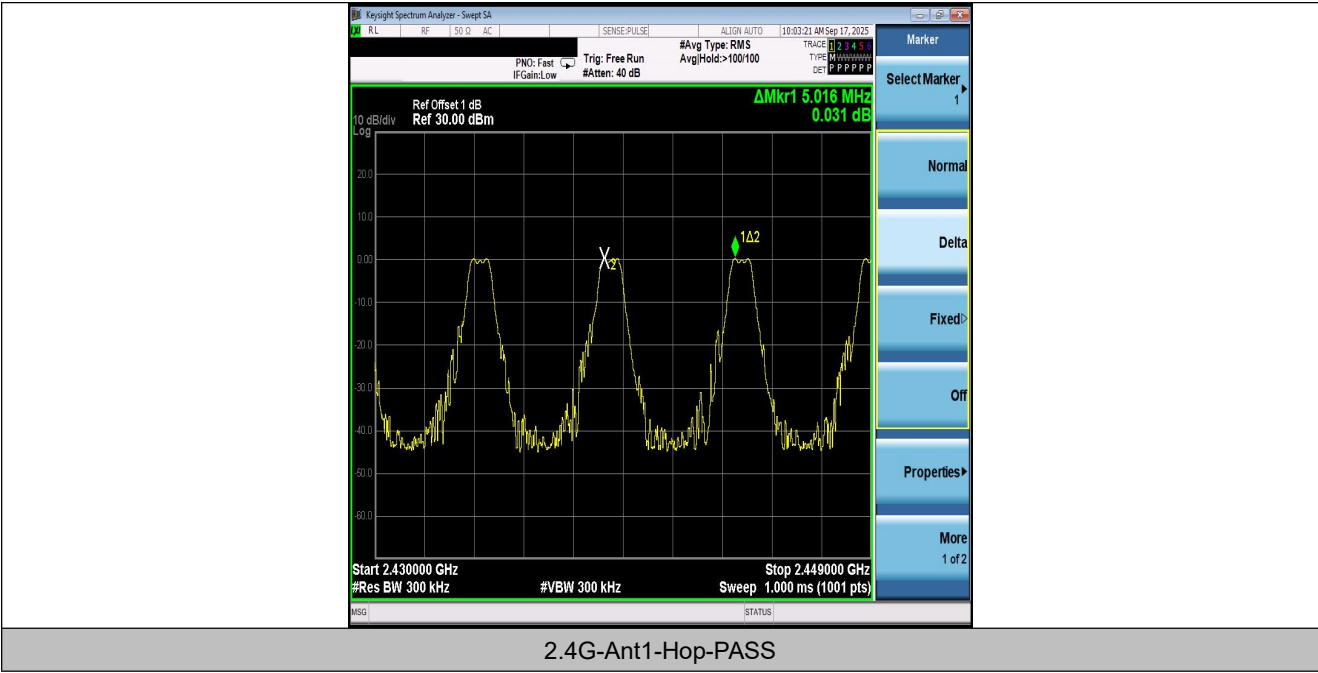
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	5.016	≥0.730	PASS

Note: Only record the worst data in the report.

Test Graphs

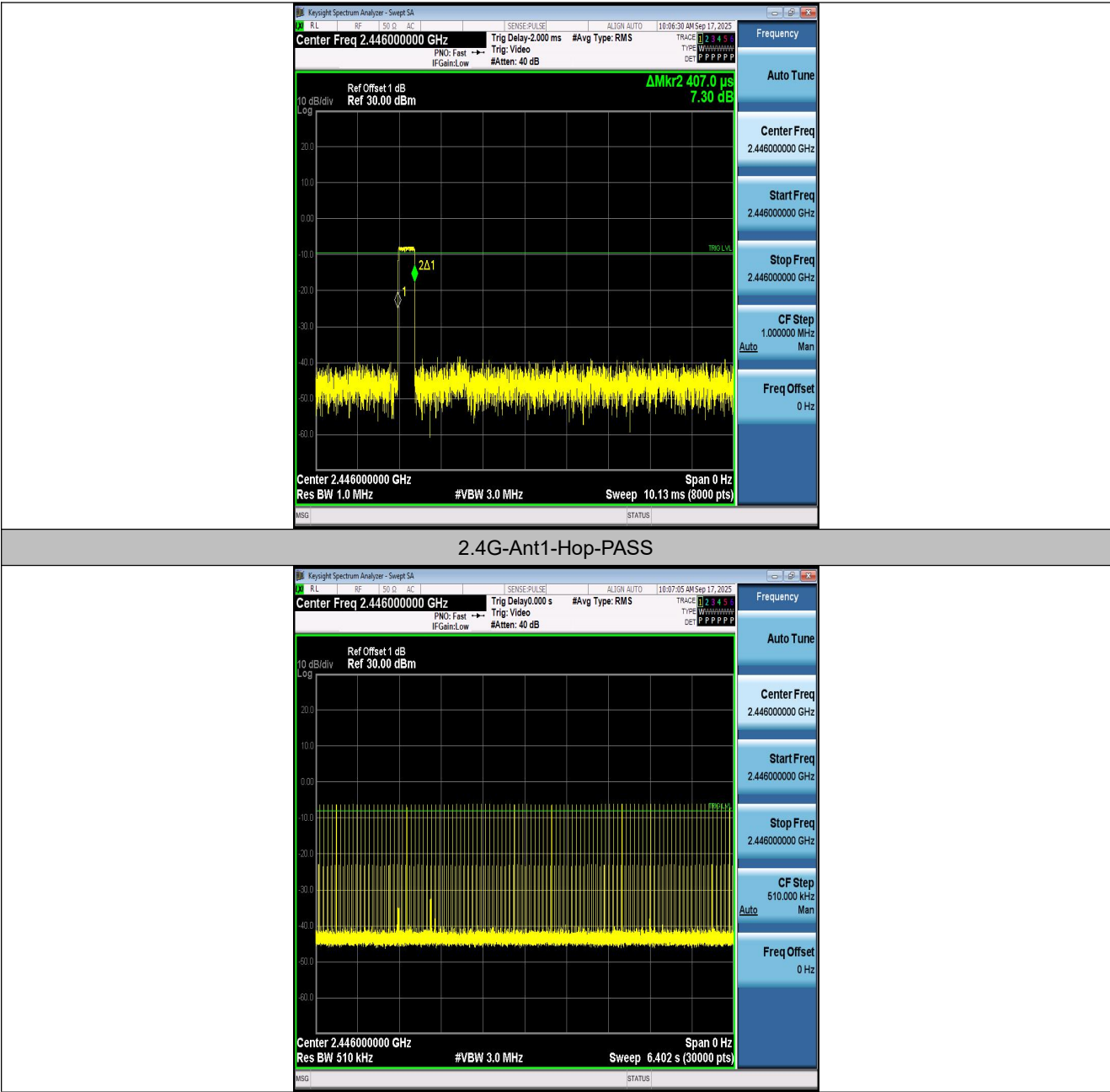


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.407	118	0.048	≤0.4	PASS

Test Graphs

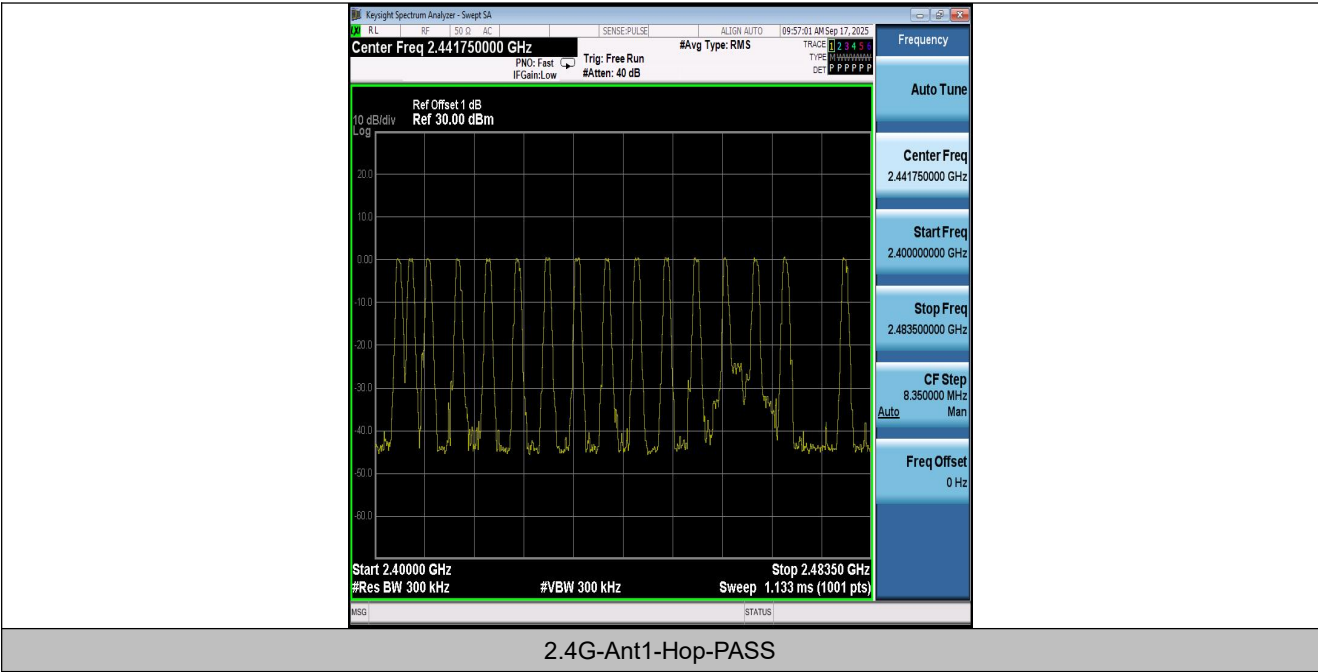


Appendix F: Number of Hopping Channel

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	2404	-0.30	-44.15	≤ -20.3	PASS
2.4G	Ant1	High	2479	-0.09	-29.71	≤ -20.09	PASS
2.4G	Ant1	Low	Hop	0.17	-51.87	≤ -19.83	PASS
2.4G	Ant1	High	Hop	0.37	-27.72	≤ -19.63	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.

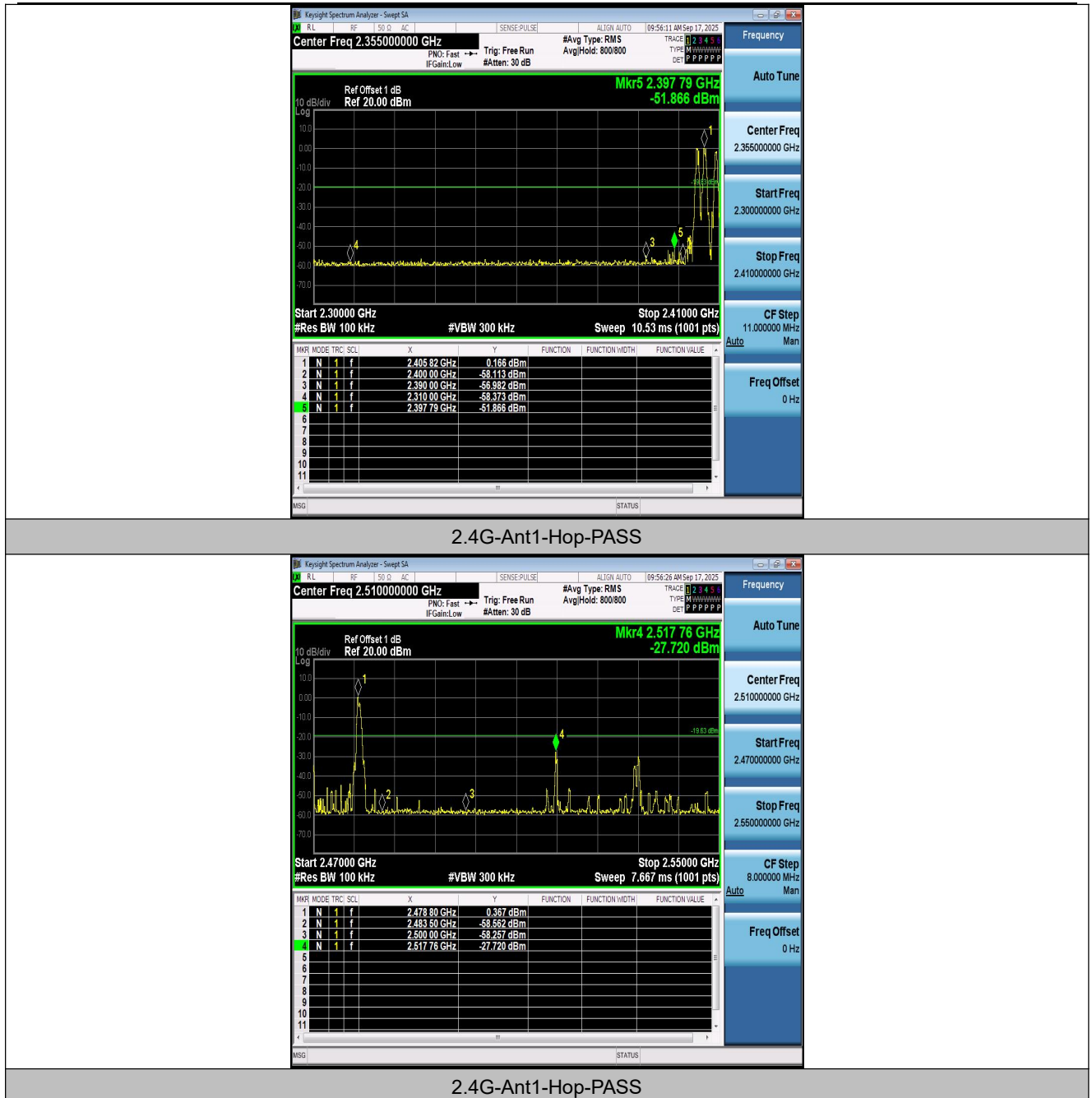
Test Graphs



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Appendix H: Conducted Spurious Emission

Test Result

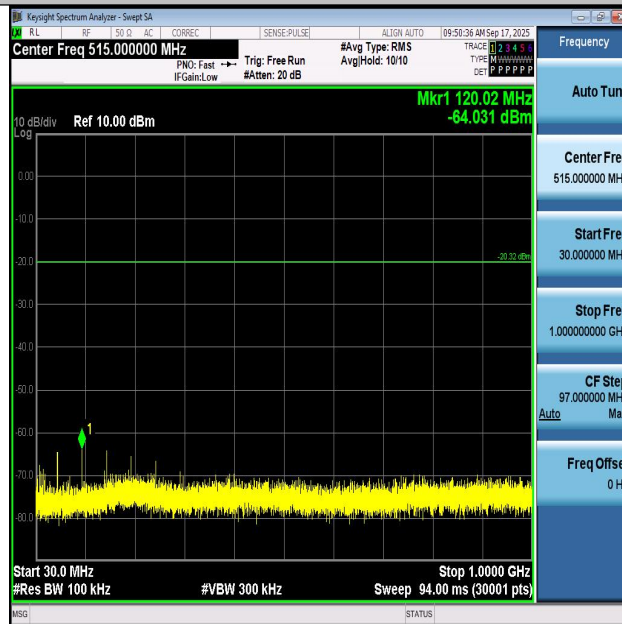
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2404	0~Reference	-0.32	-0.32	---	PASS
2.4G	Ant1	2404	30~1000	-0.32	-64.03	≤-20.32	PASS
2.4G	Ant1	2404	1000~26500	-0.32	-30.99	≤-20.32	PASS
2.4G	Ant1	2446	0~Reference	-0.21	-0.21	---	PASS
2.4G	Ant1	2446	30~1000	-0.21	-64.25	≤-20.21	PASS
2.4G	Ant1	2446	1000~26500	-0.21	-32.74	≤-20.21	PASS
2.4G	Ant1	2479	0~Reference	-0.10	-0.10	---	PASS
2.4G	Ant1	2479	30~1000	-0.10	-63.94	≤-20.1	PASS
2.4G	Ant1	2479	1000~26500	-0.10	-28.72	≤-20.1	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



2.4G-Ant1-2404-0~Reference-PASS



2.4G-Ant1-2404-30~1000-PASS

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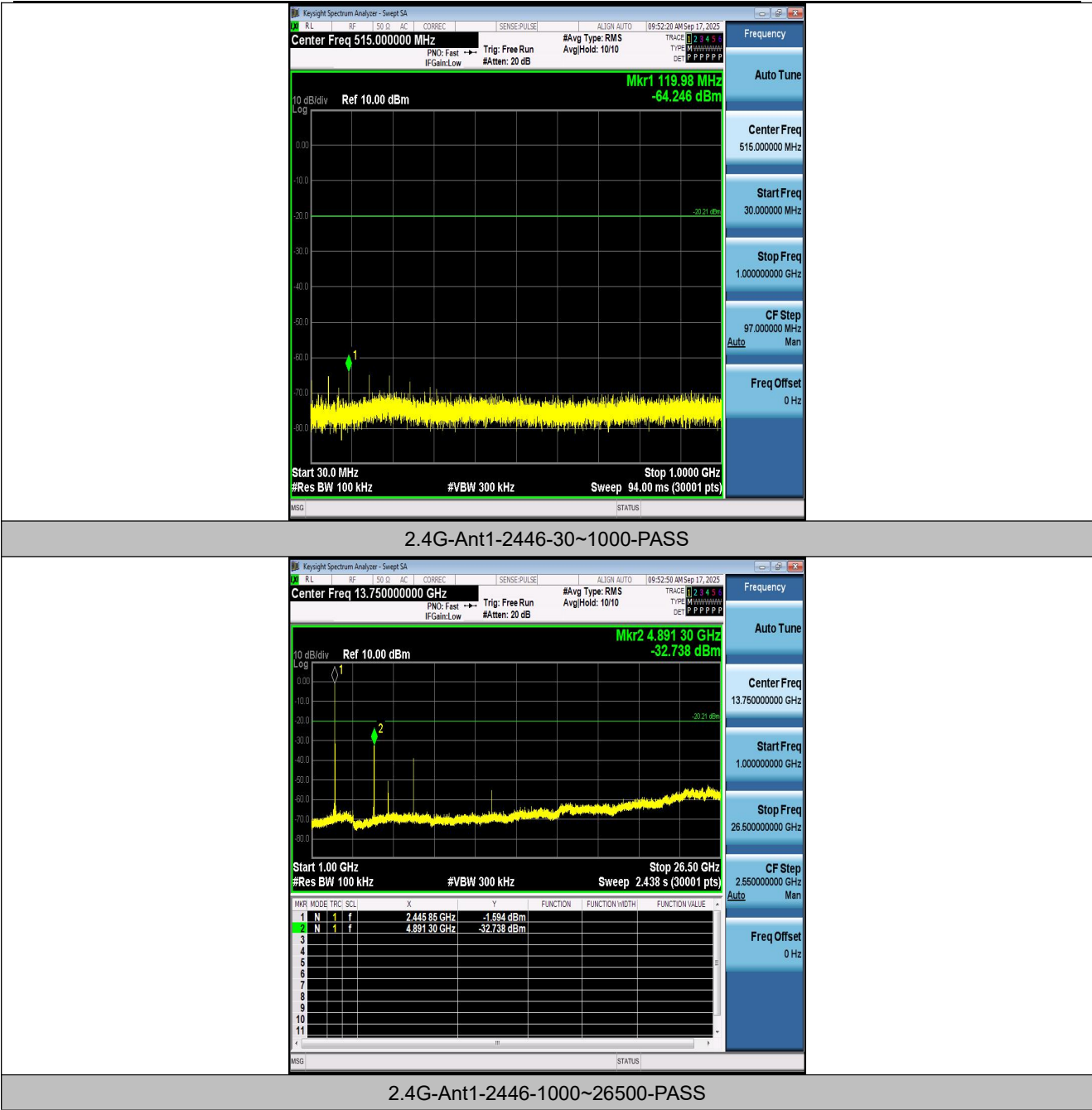
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

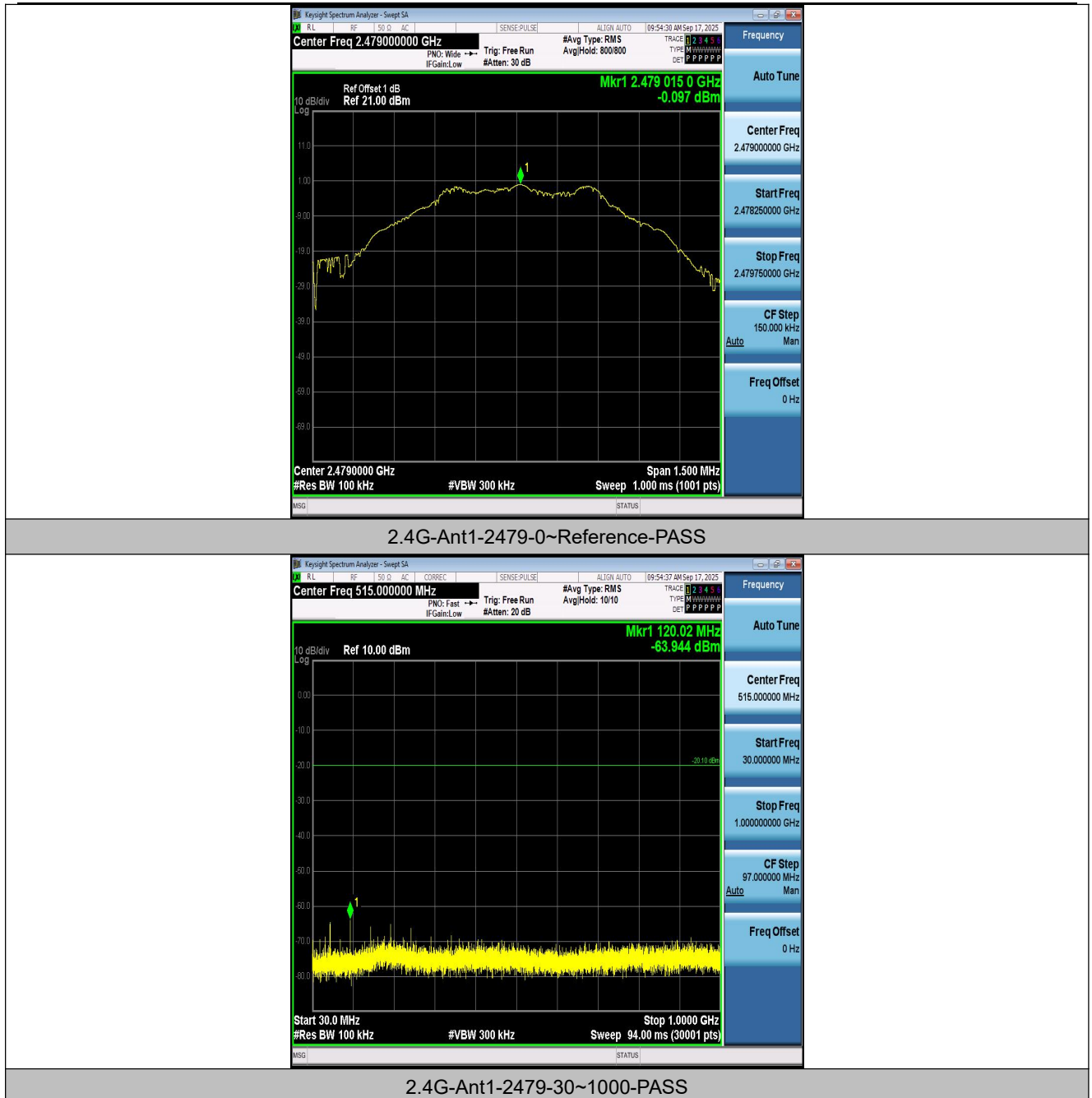


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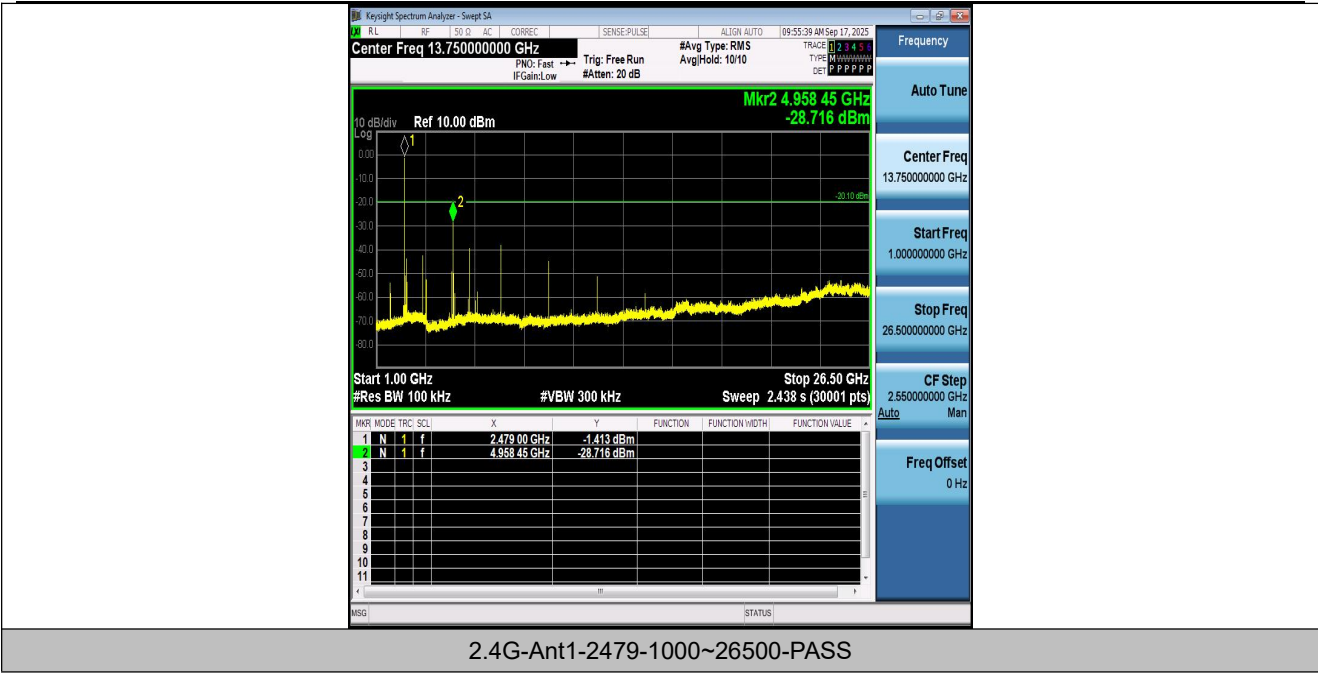




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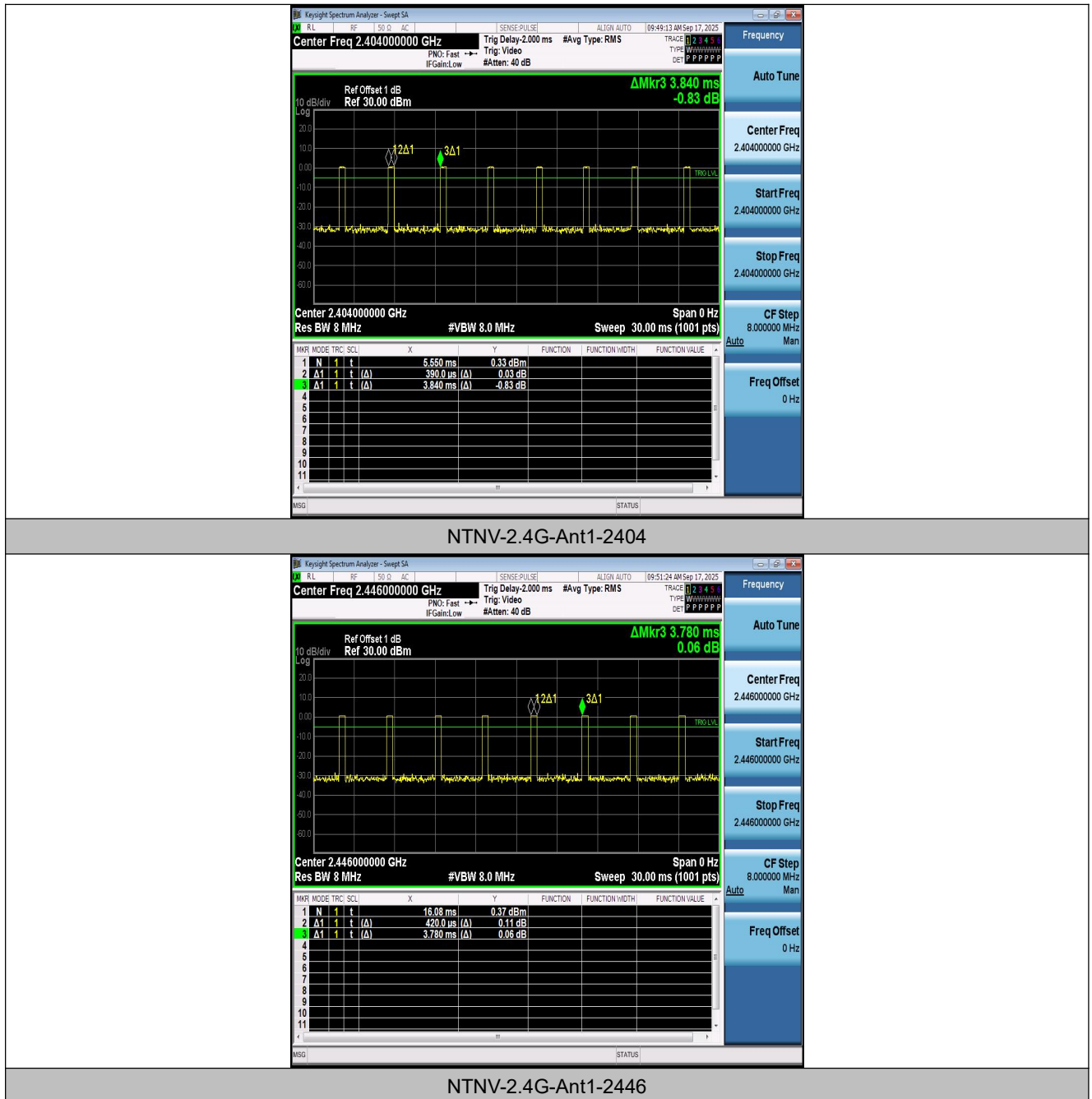
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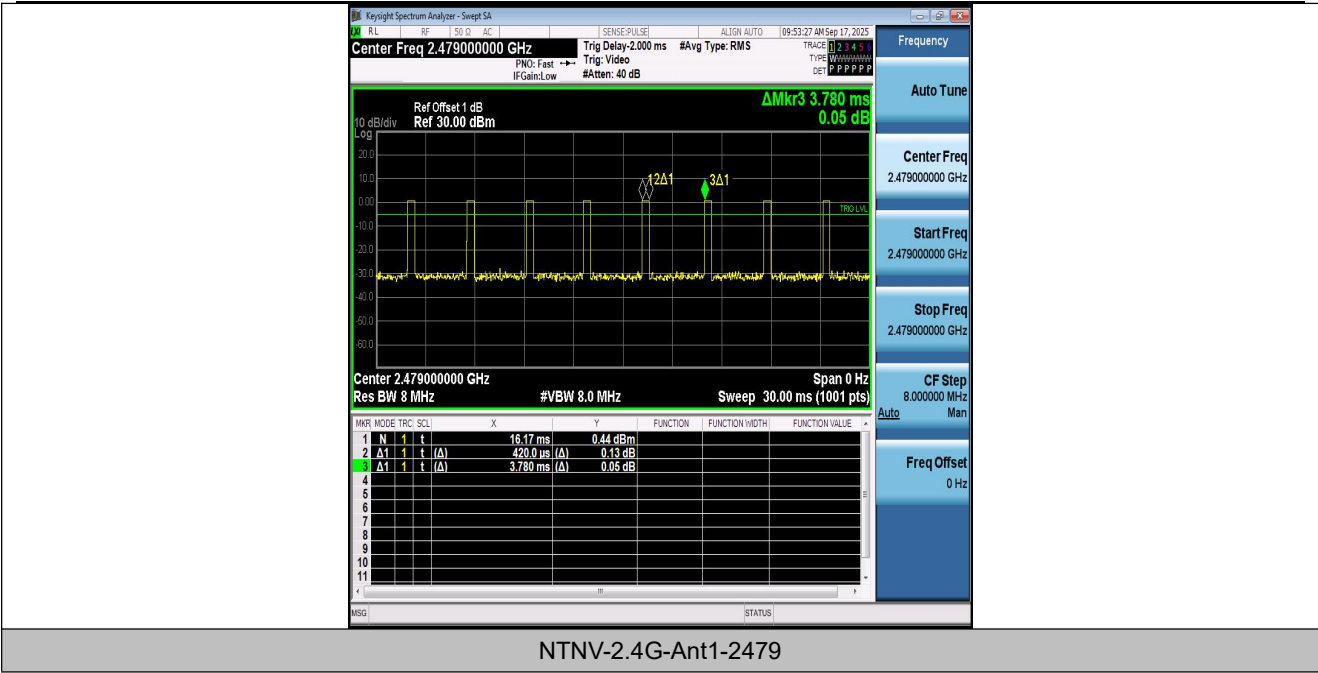
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2404	0.39	3.84	10.16	9.93
2.4G	Ant1	2446	0.42	3.78	11.11	9.54
2.4G	Ant1	2479	0.42	3.78	11.11	9.54

Test Graphs





NTNV-2.4G-Ant1-2479

---End---