

Appendix Test Data

Report No.:	1812C60357712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-30	Finish Test Date:	2026-9-18
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23°C	Relative Humidity:	61%
Pressure:	100.8kPa		

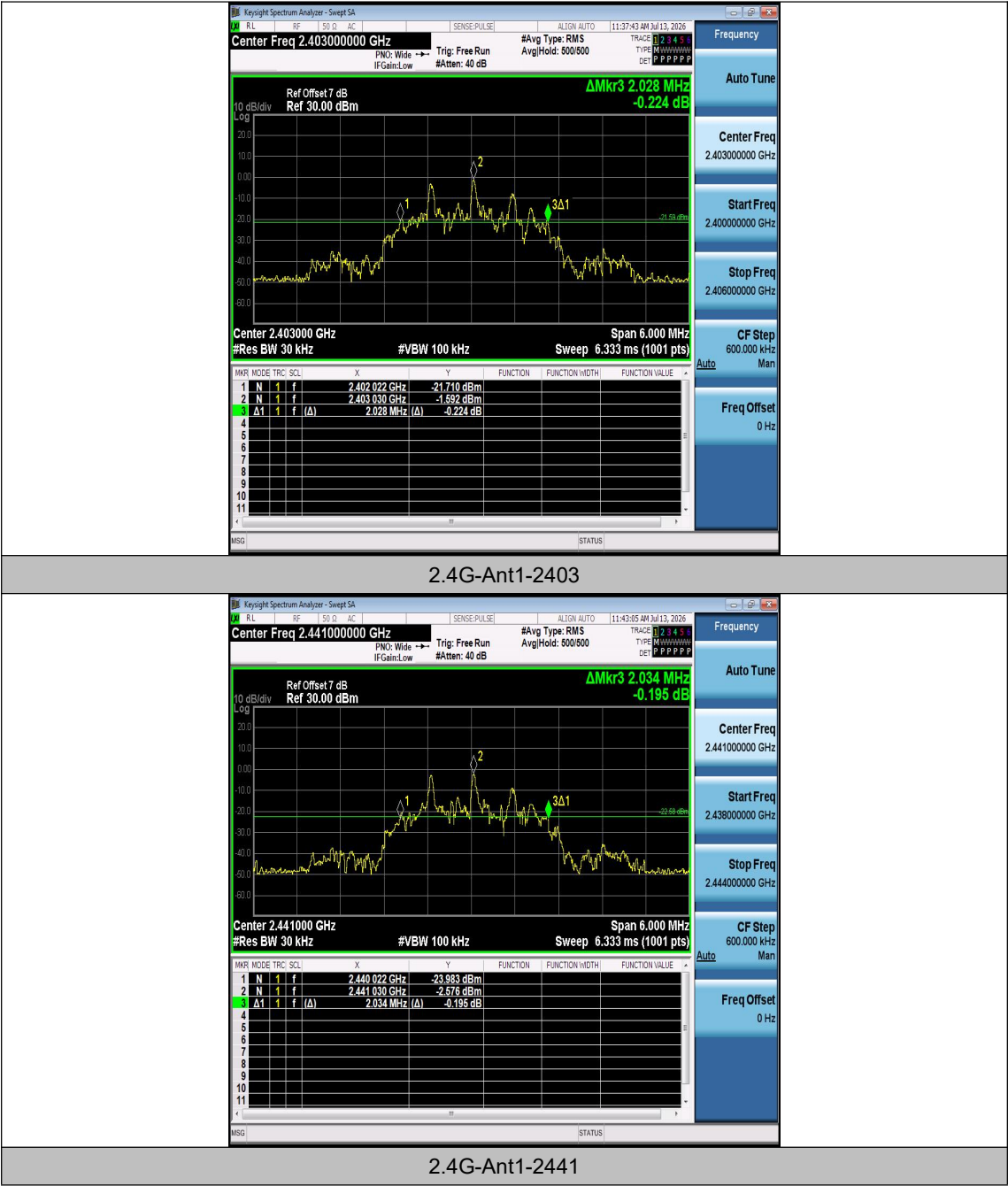


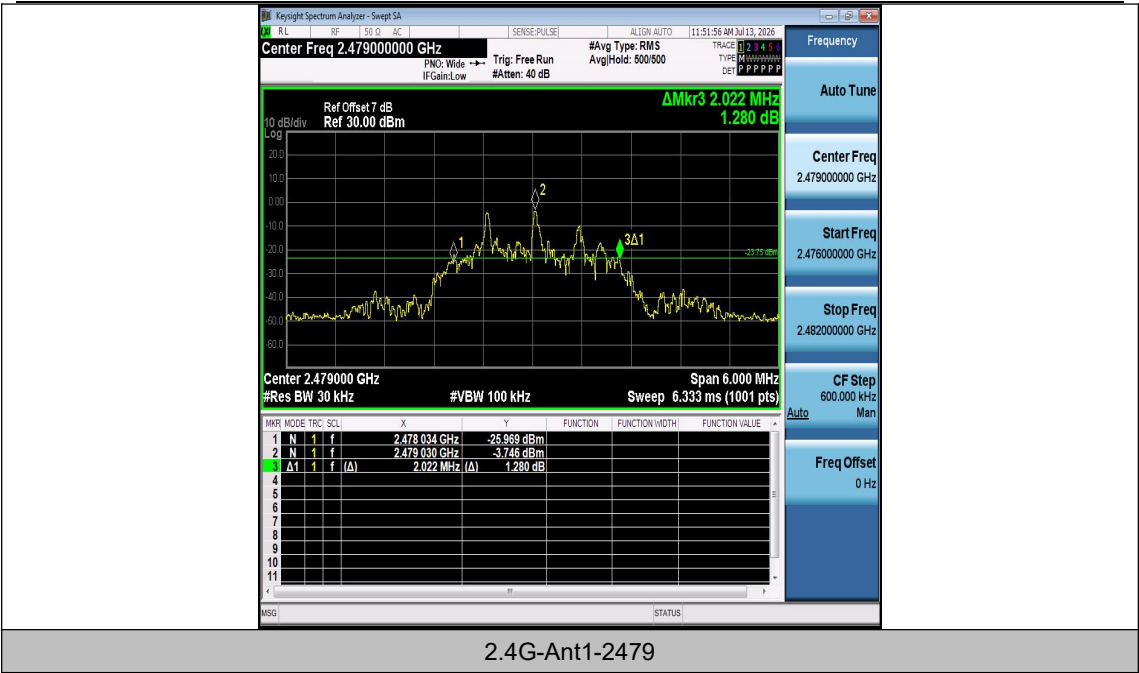
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.028	2402.022	2404.050	---	---
2.4G	Ant1	2441	2.034	2440.022	2442.056	---	---
2.4G	Ant1	2479	2.022	2478.034	2480.056	---	---

Test Graphs



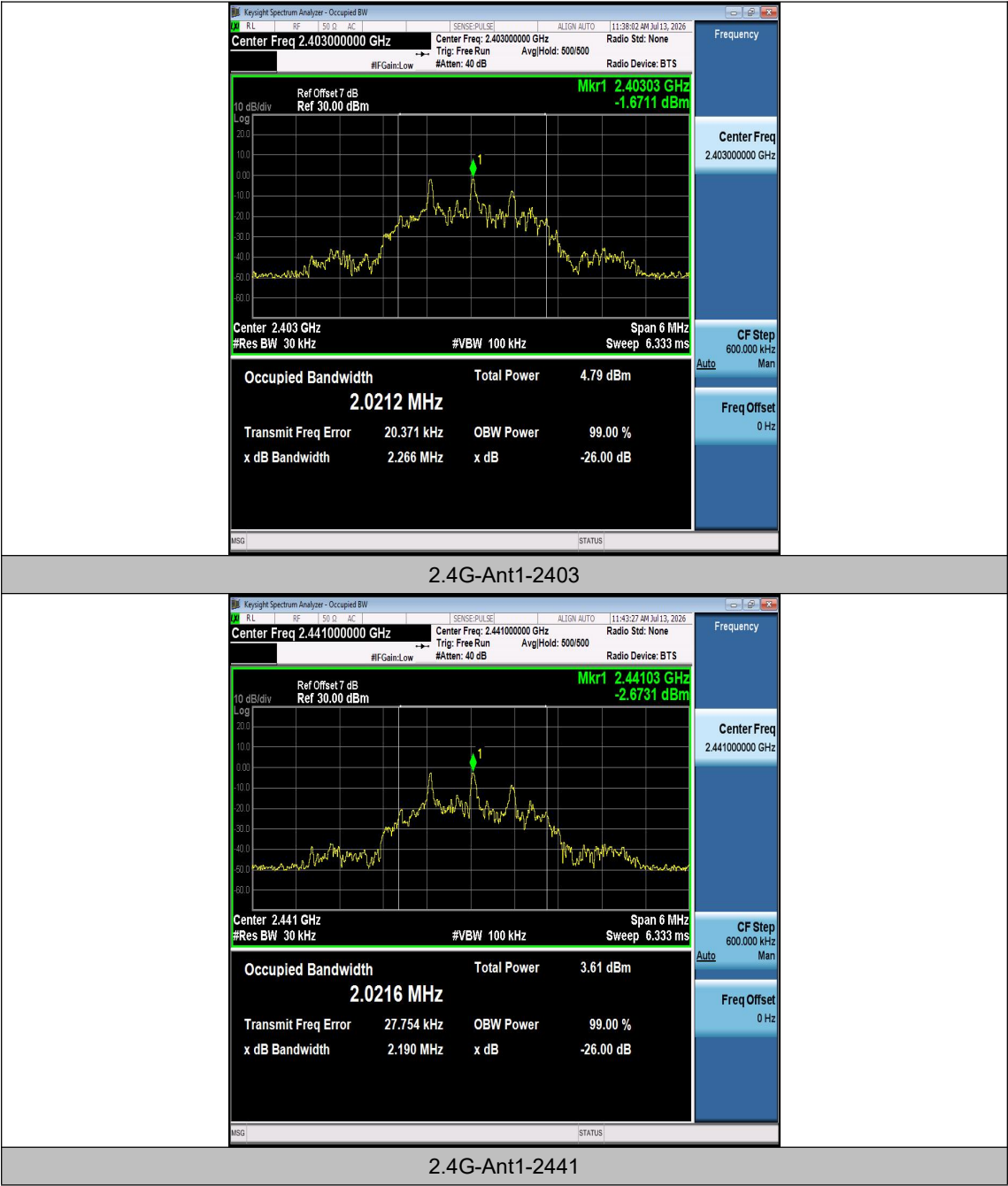


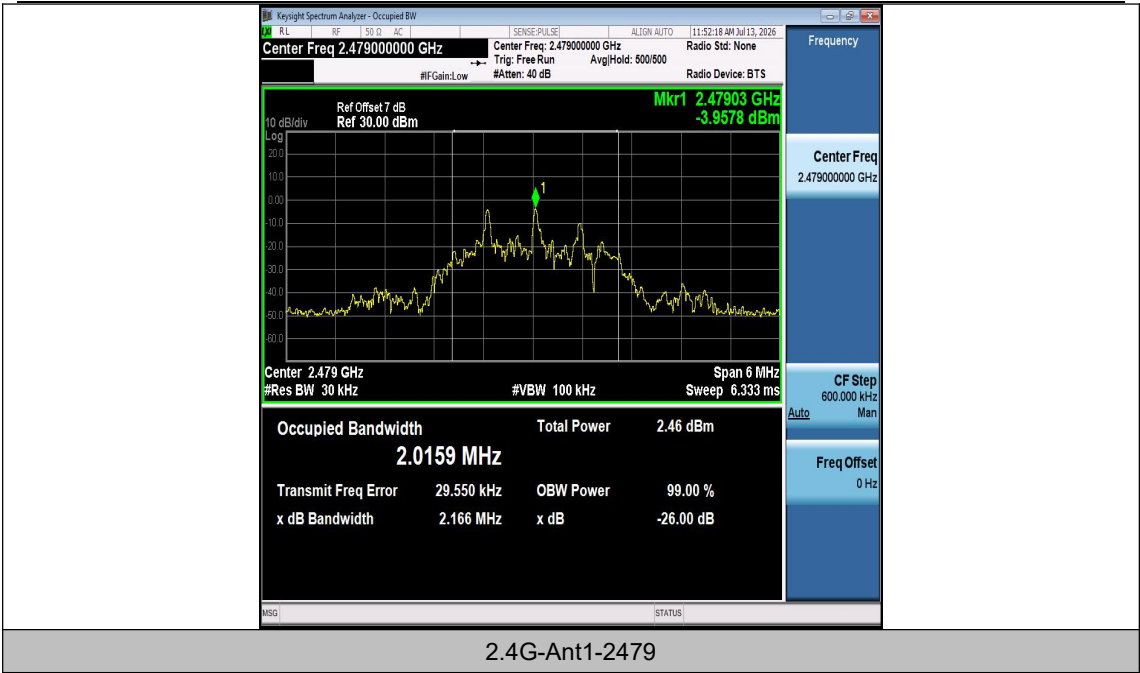
2.4G-Ant1-2479

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	2.0212	2402.0098	2404.0310	---	---
2.4G	Ant1	2441	2.0216	2440.0170	2442.0386	---	---
2.4G	Ant1	2479	2.0159	2478.0216	2480.0375	---	---

Test Graphs





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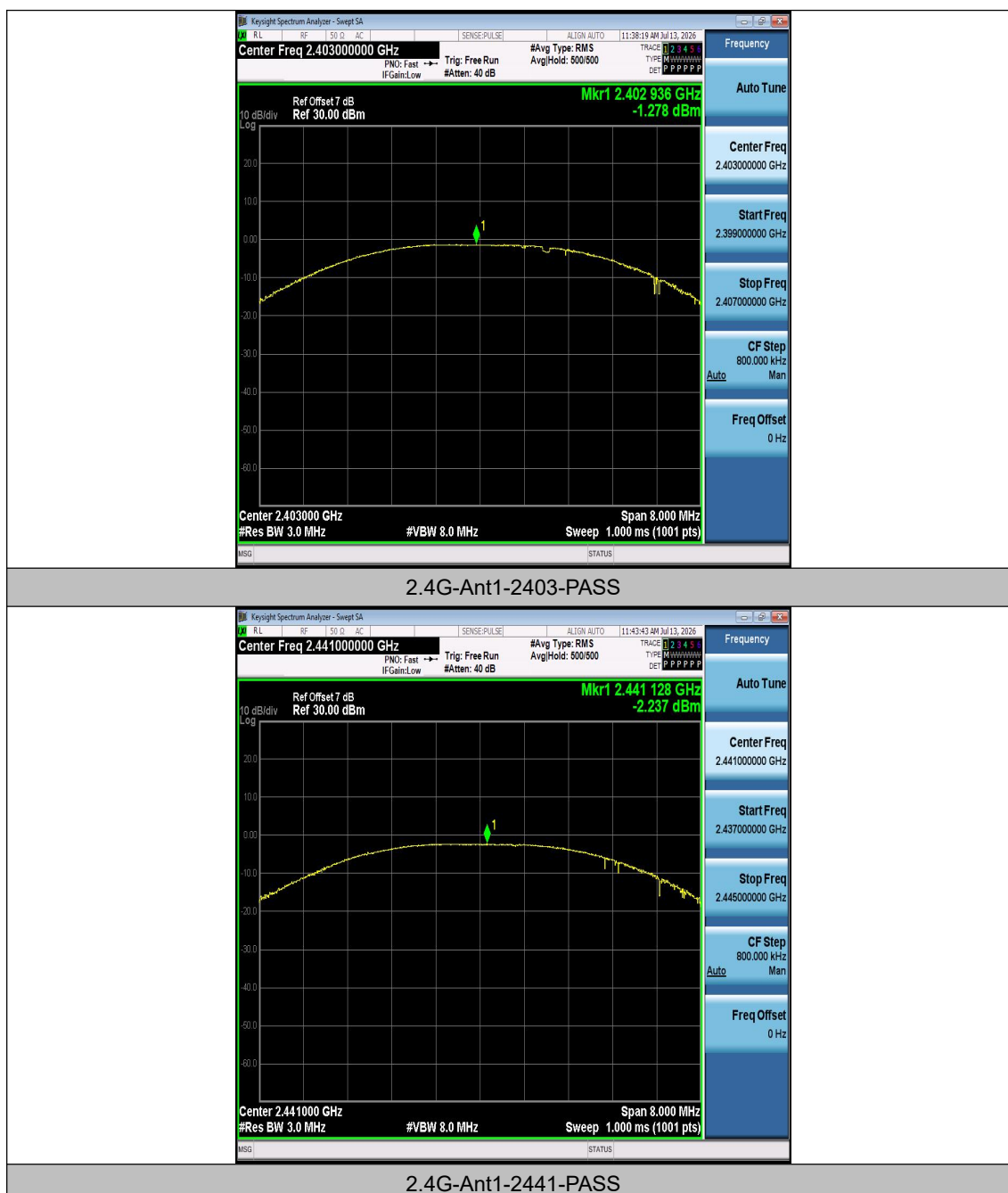
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	-1.28	≤20.97	PASS
2.4G	Ant1	2441	-2.24	≤20.97	PASS
2.4G	Ant1	2479	-3.31	≤20.97	PASS

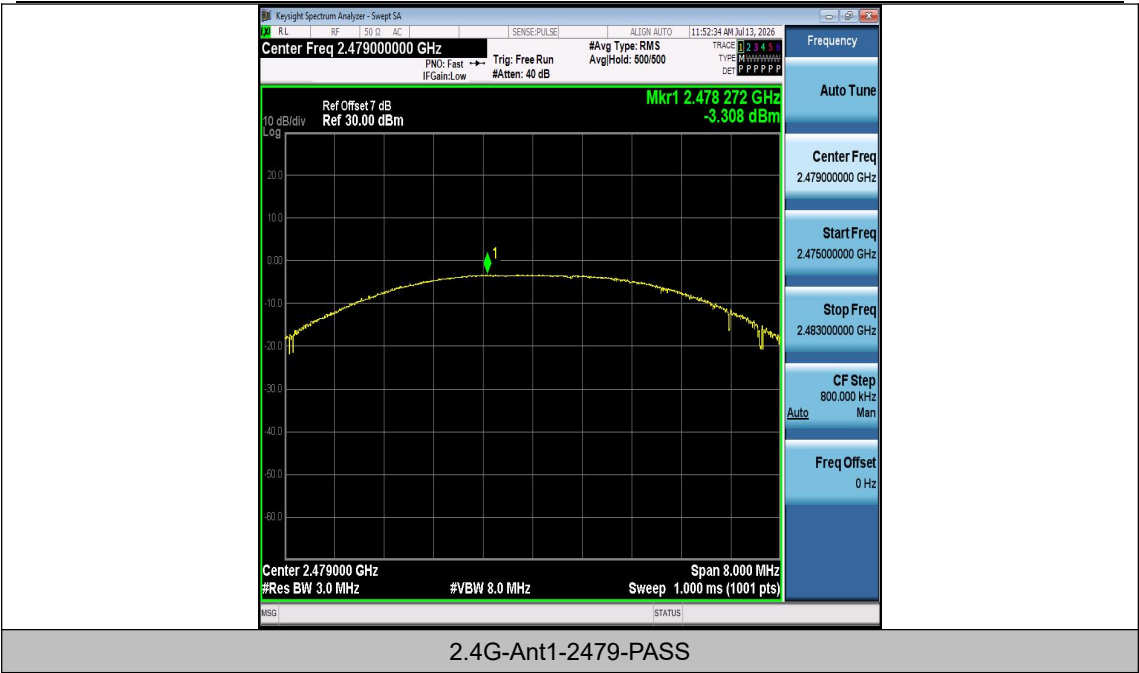
Test Graphs



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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	2.010	≥1.356	PASS

Note: 1. 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.

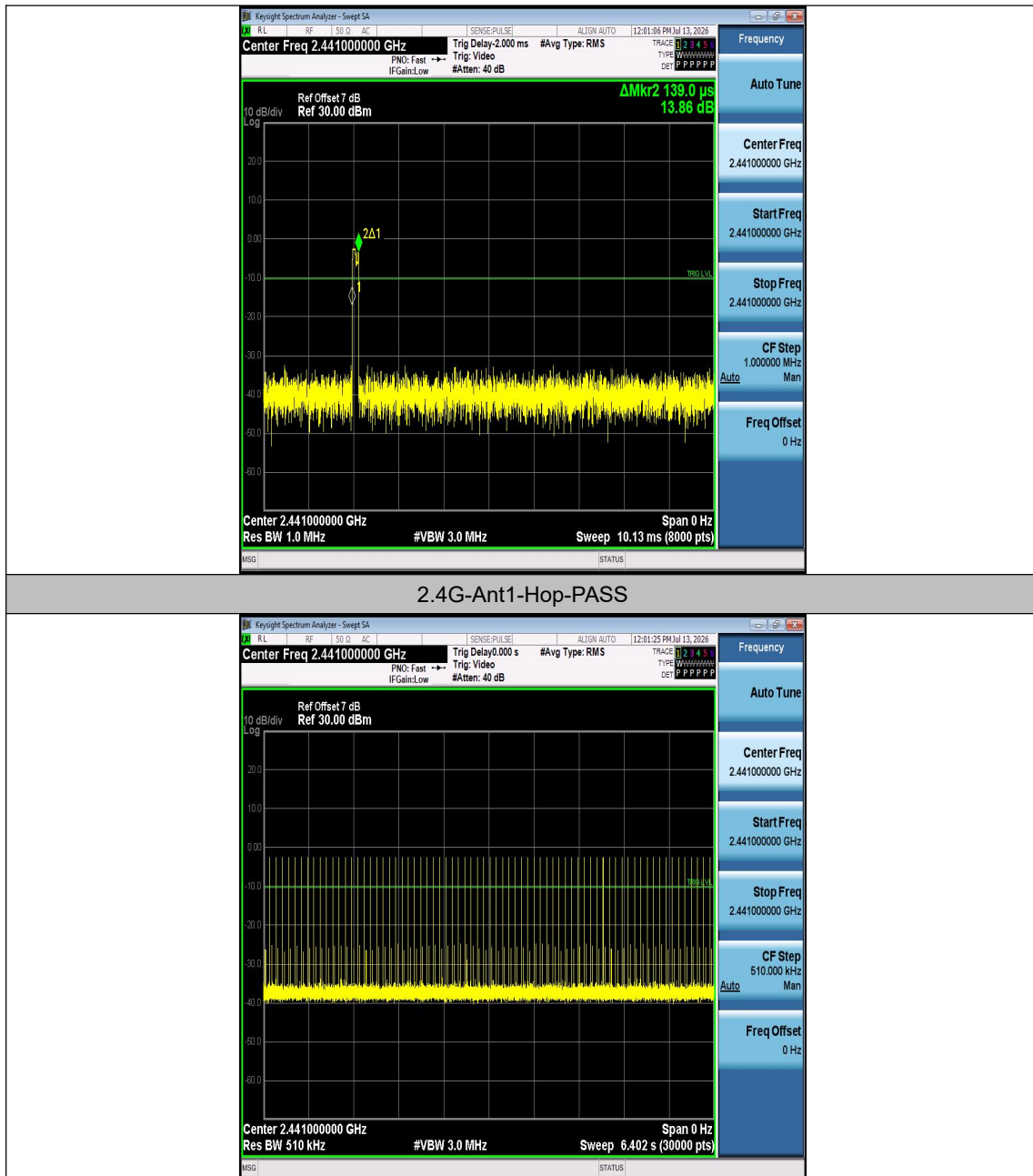
2. Only the scenario with the closest adjacent channels was shown as worst-case mode.

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	0.139	72	0.010008	≤0.4	PASS

Test Graphs



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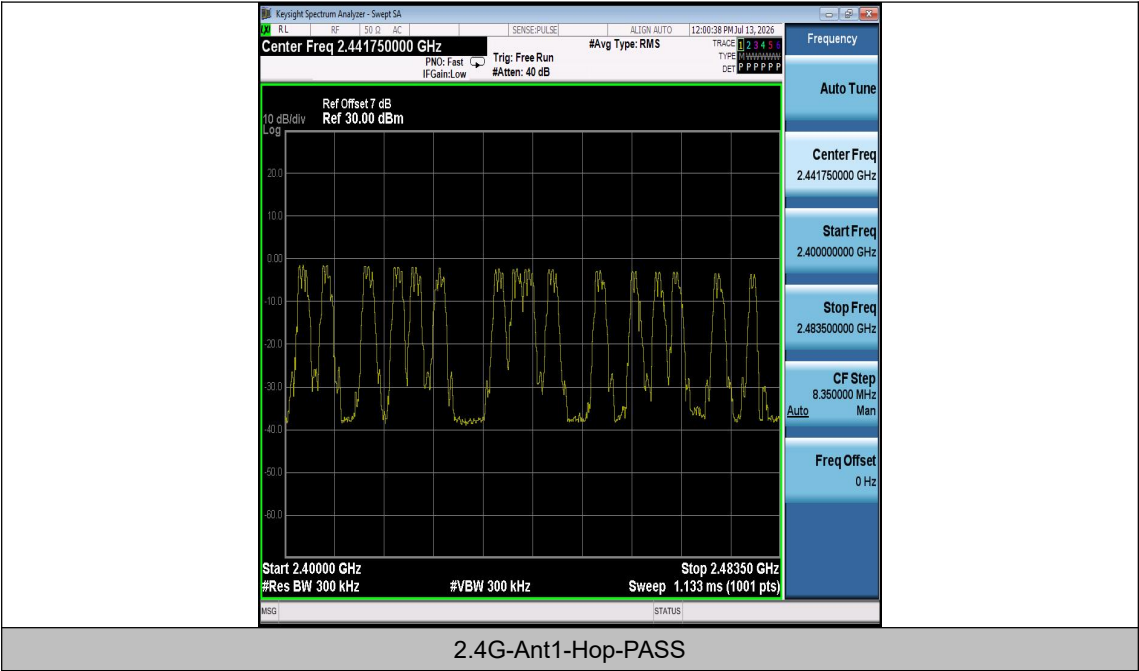
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs



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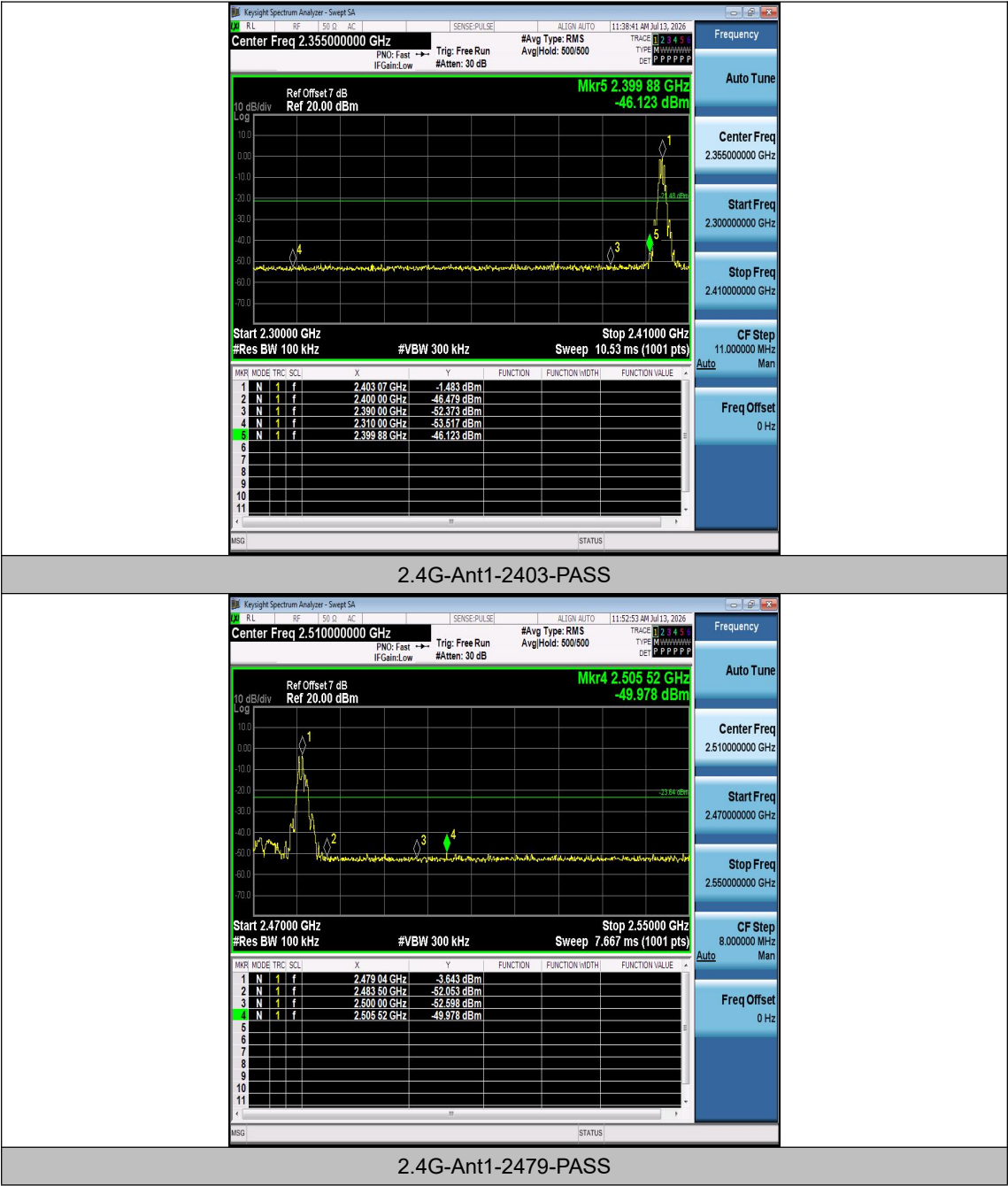
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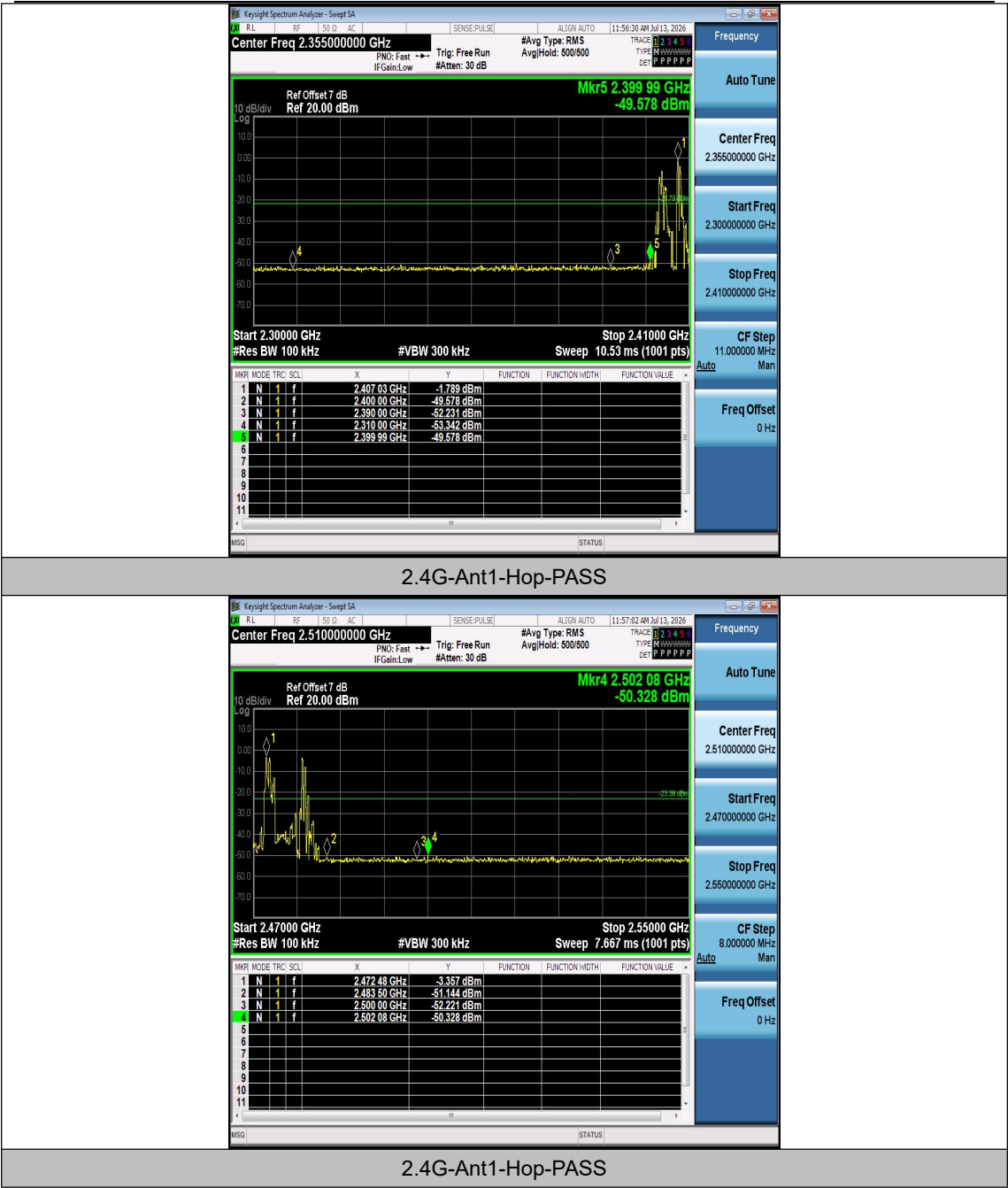
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	-1.48	-46.12	≤ -21.48	PASS
2.4G	Ant1	High	2479	-3.64	-49.98	≤ -23.64	PASS
2.4G	Ant1	Low	Hop	-1.79	-49.58	≤ -21.79	PASS
2.4G	Ant1	High	Hop	-3.36	-50.33	≤ -23.36	PASS

Test Graphs





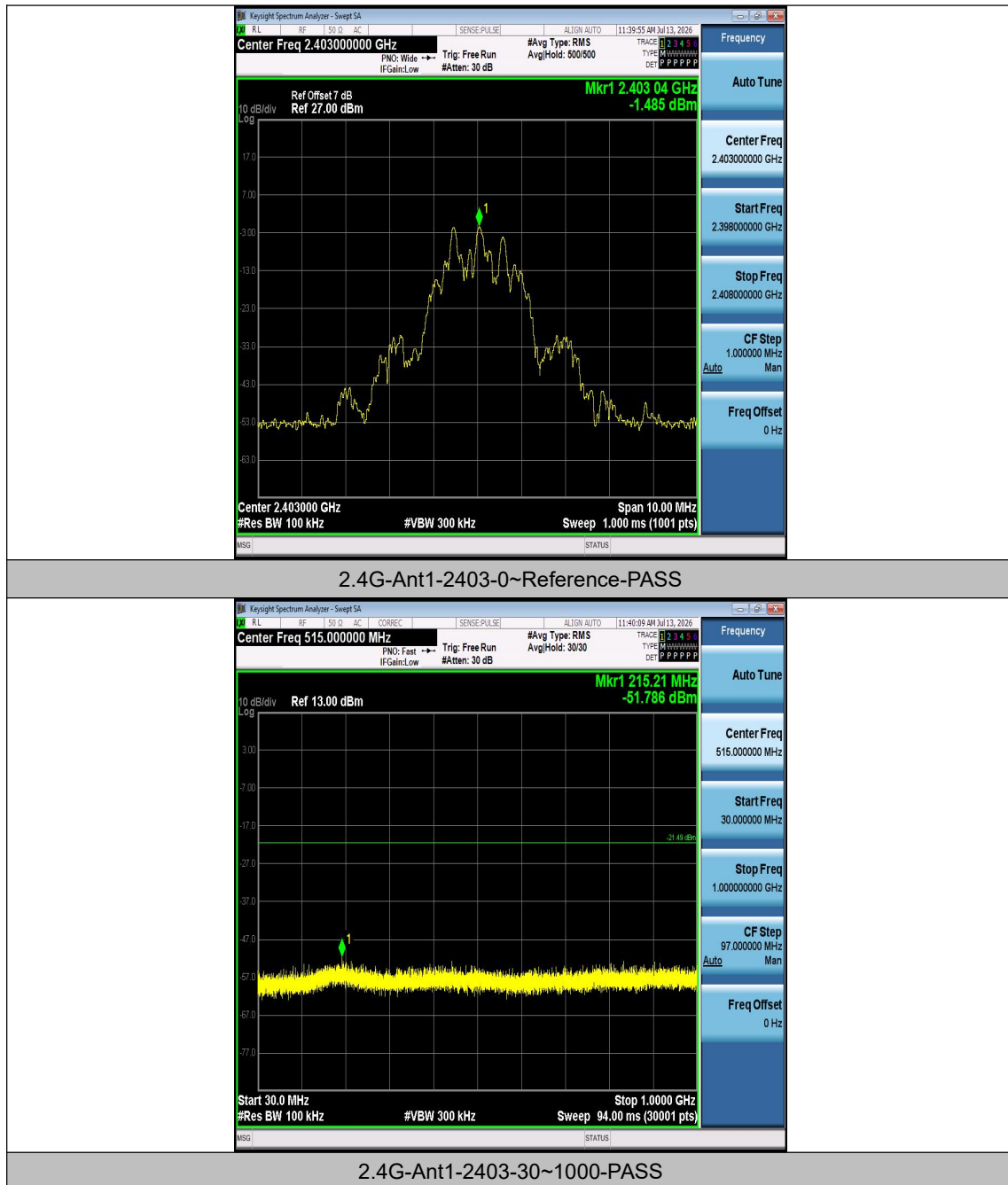
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	-1.49	-1.49	---	PASS
2.4G	Ant1	2403	30~1000	-1.49	-51.79	≤-21.49	PASS
2.4G	Ant1	2403	1000~26500	-1.49	-37.15	≤-21.49	PASS
2.4G	Ant1	2441	0~Reference	-2.56	-2.56	---	PASS
2.4G	Ant1	2441	30~1000	-2.56	-51.77	≤-22.56	PASS
2.4G	Ant1	2441	1000~26500	-2.56	-36.93	≤-22.56	PASS
2.4G	Ant1	2479	0~Reference	-3.56	-3.56	---	PASS
2.4G	Ant1	2479	30~1000	-3.56	-52.58	≤-23.56	PASS
2.4G	Ant1	2479	1000~26500	-3.56	-33	≤-23.56	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

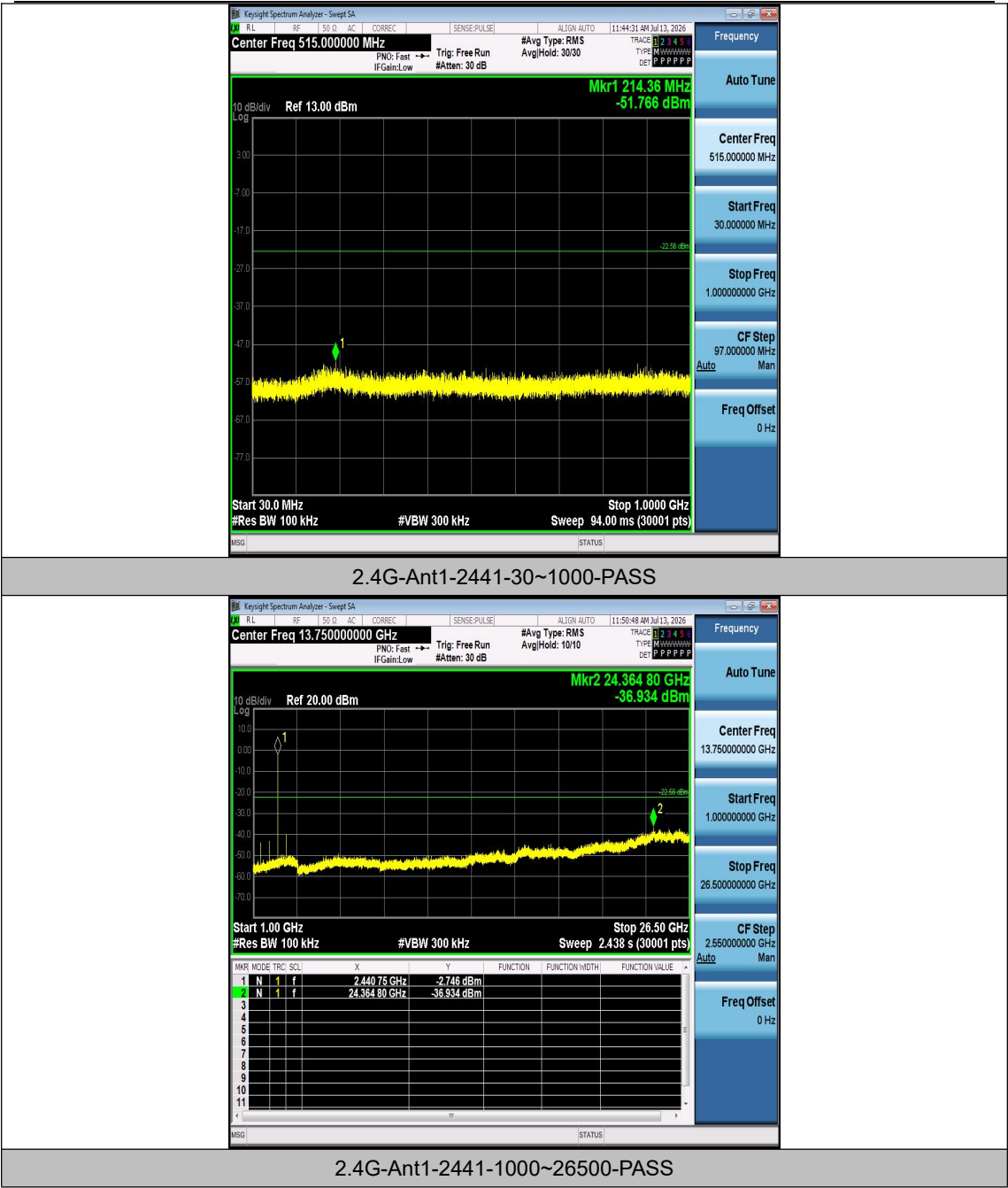


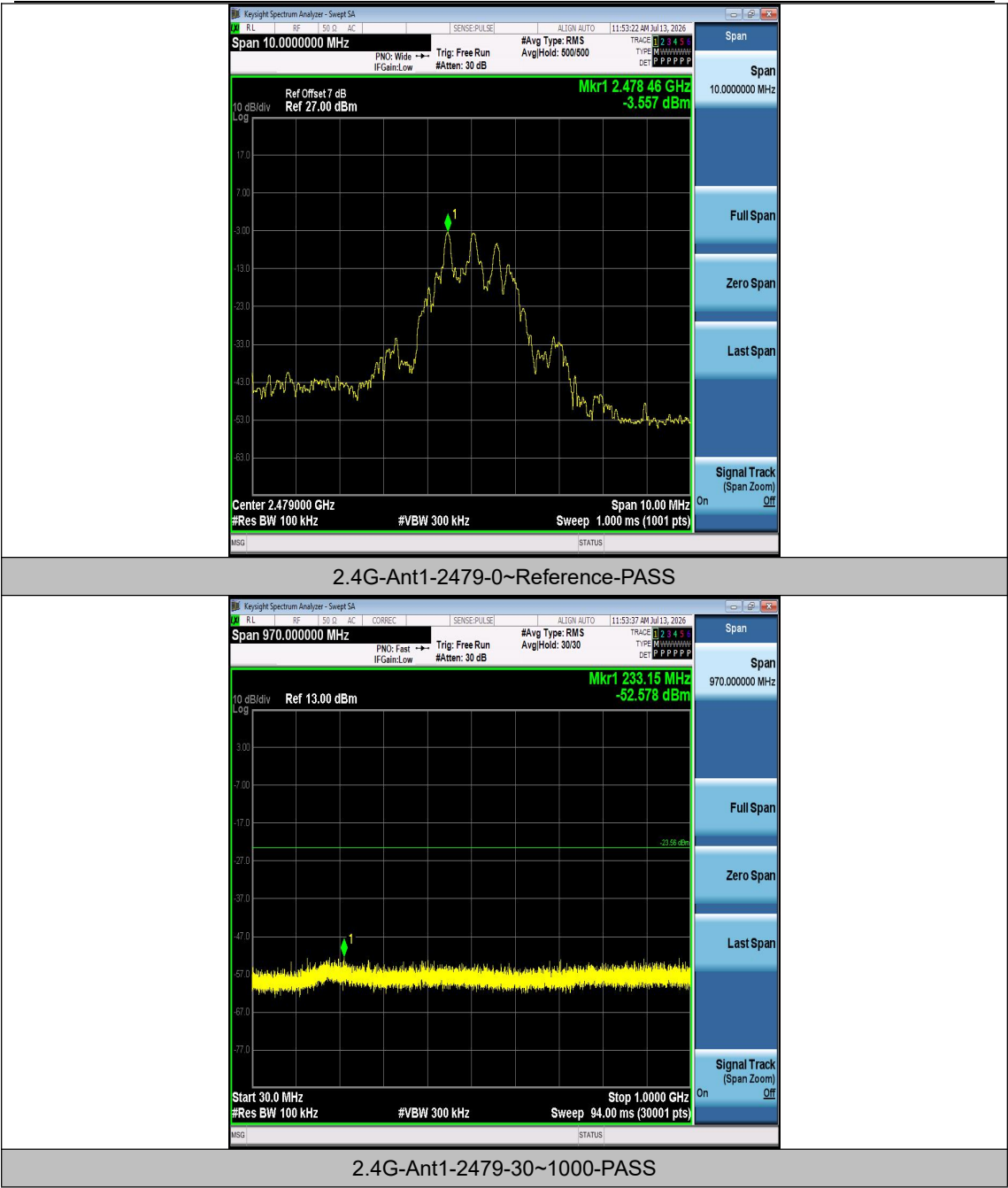
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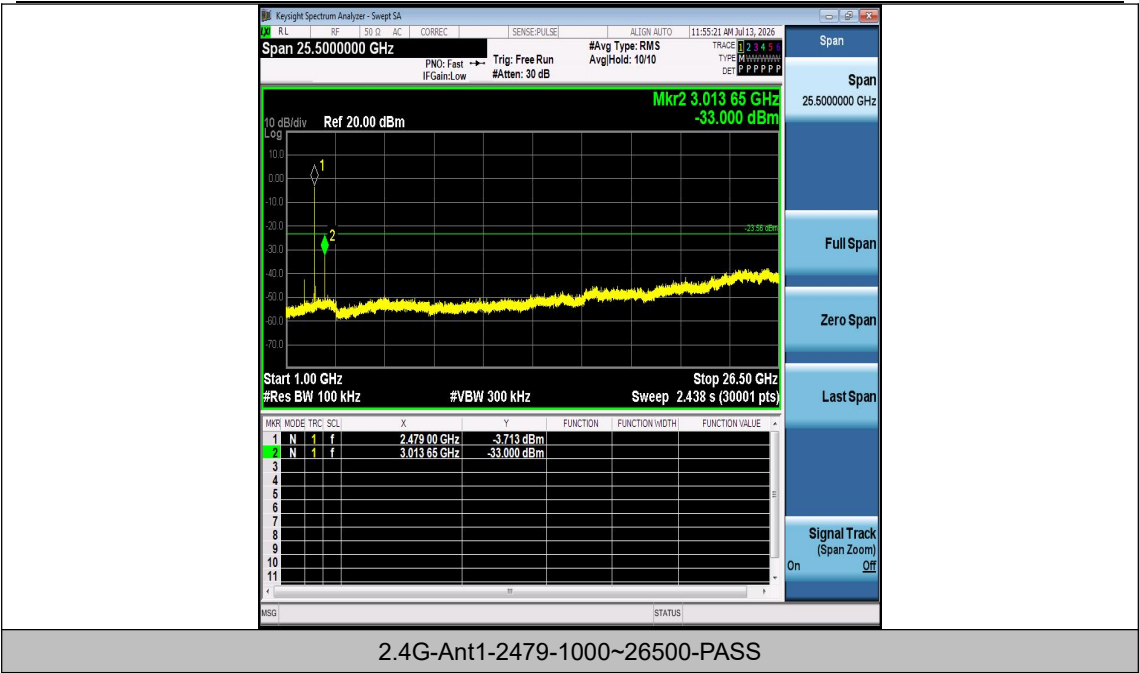






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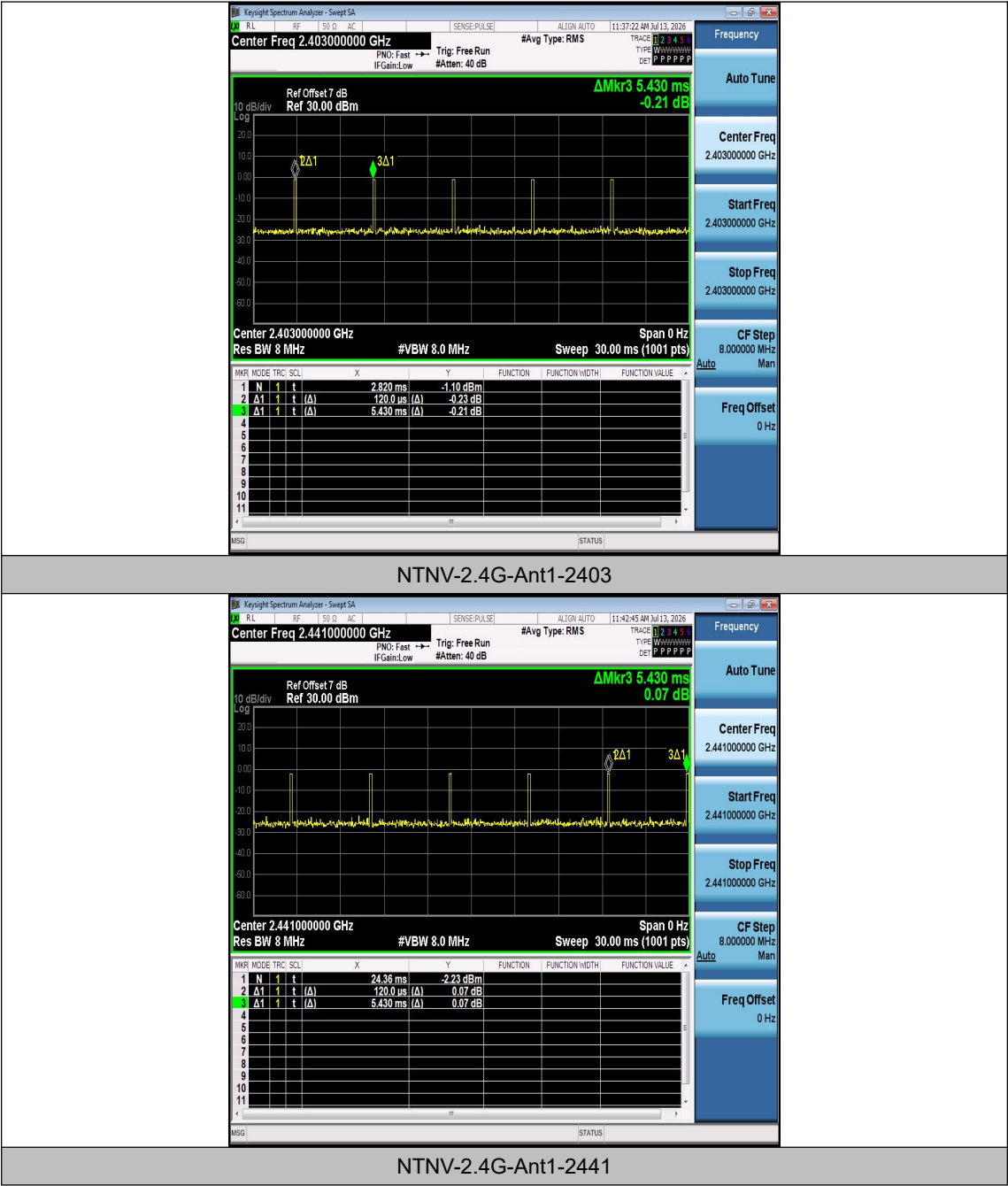
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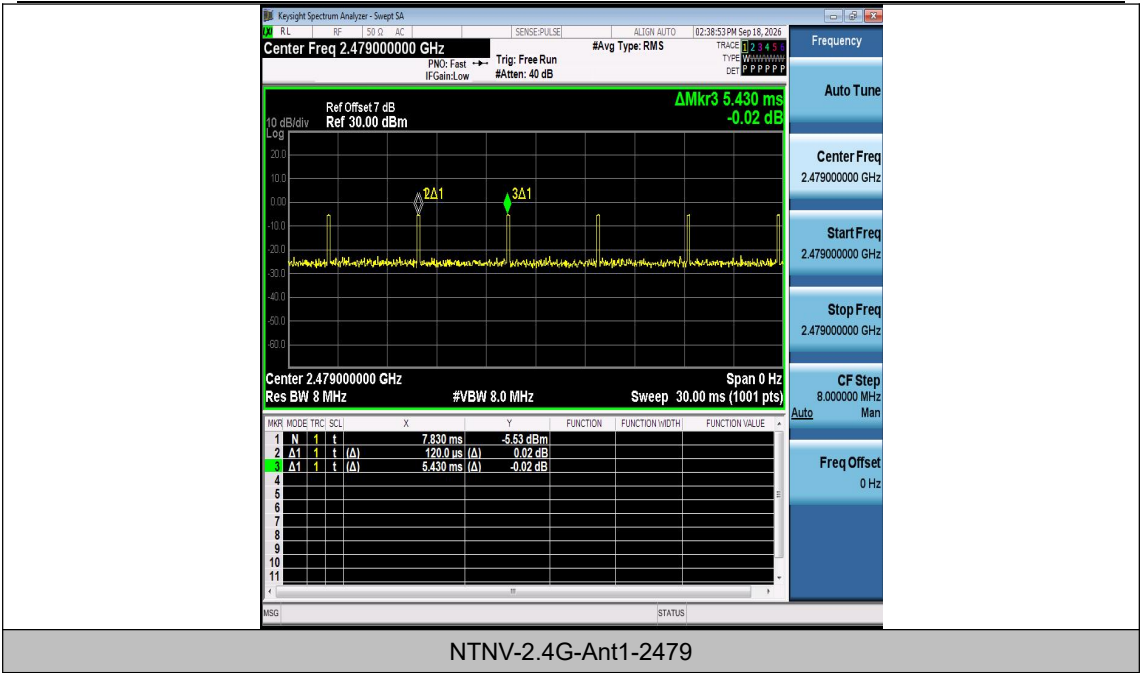
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	5.43	2.21	16.56
2.4G	Ant1	2441	0.12	5.43	2.21	16.56
2.4G	Ant1	2479	0.12	5.43	2.21	16.56

Test Graphs





NTNV-2.4G-Ant1-2479

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