

Appendix Test Data

Report No.:	1812C60168112501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-25	Finish Test Date:	2026-4-13
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25.2°C	Relative Humidity:	62%
Pressure:	101kPa		

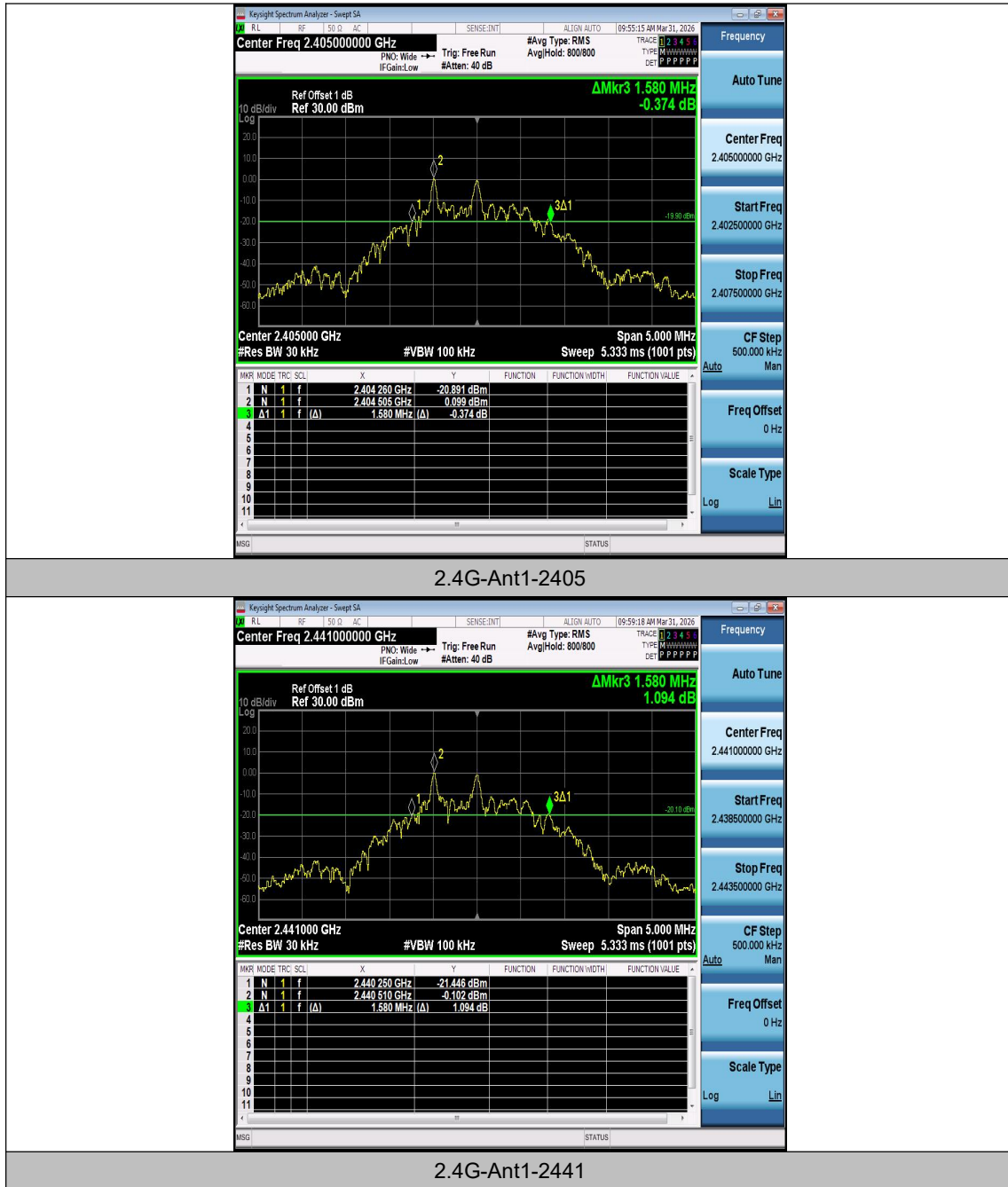


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	1.580	2404.260	2405.840	---	---
2.4G	Ant1	2441	1.580	2440.250	2441.830	---	---
2.4G	Ant1	2475	1.580	2474.250	2475.830	---	---

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	2405	1.7333	2404.1014	2405.8347	---	---
2.4G	Ant1	2441	1.7285	2440.1223	2441.8508	---	---
2.4G	Ant1	2475	1.7471	2474.1006	2475.8477	---	---

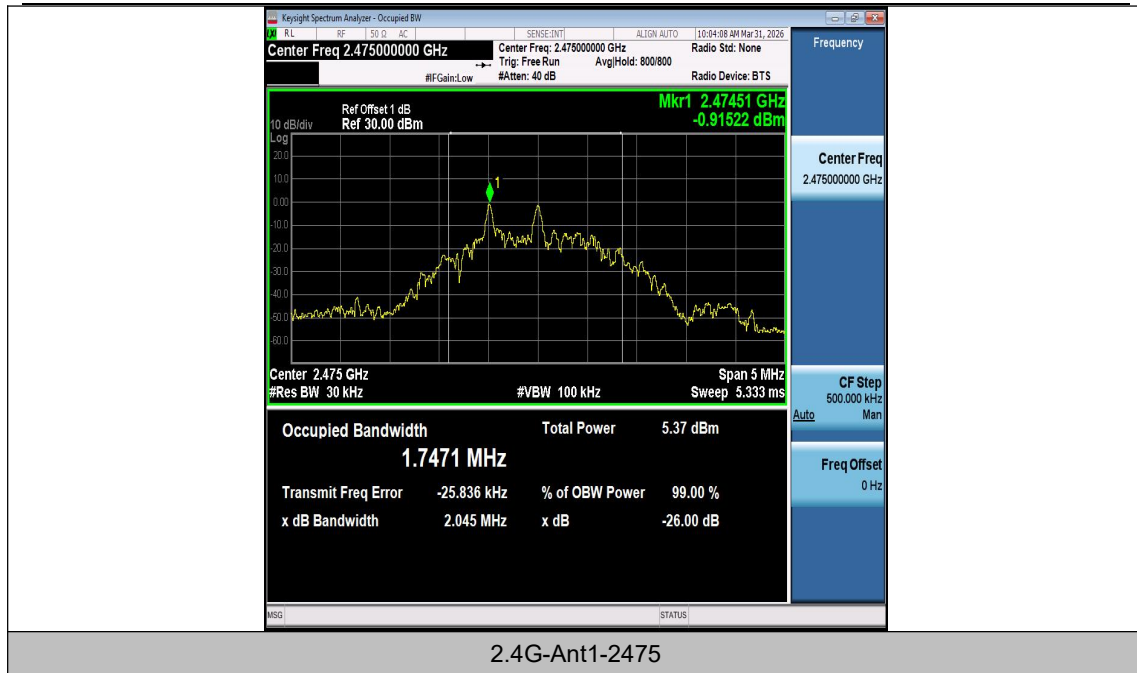
Test Graphs



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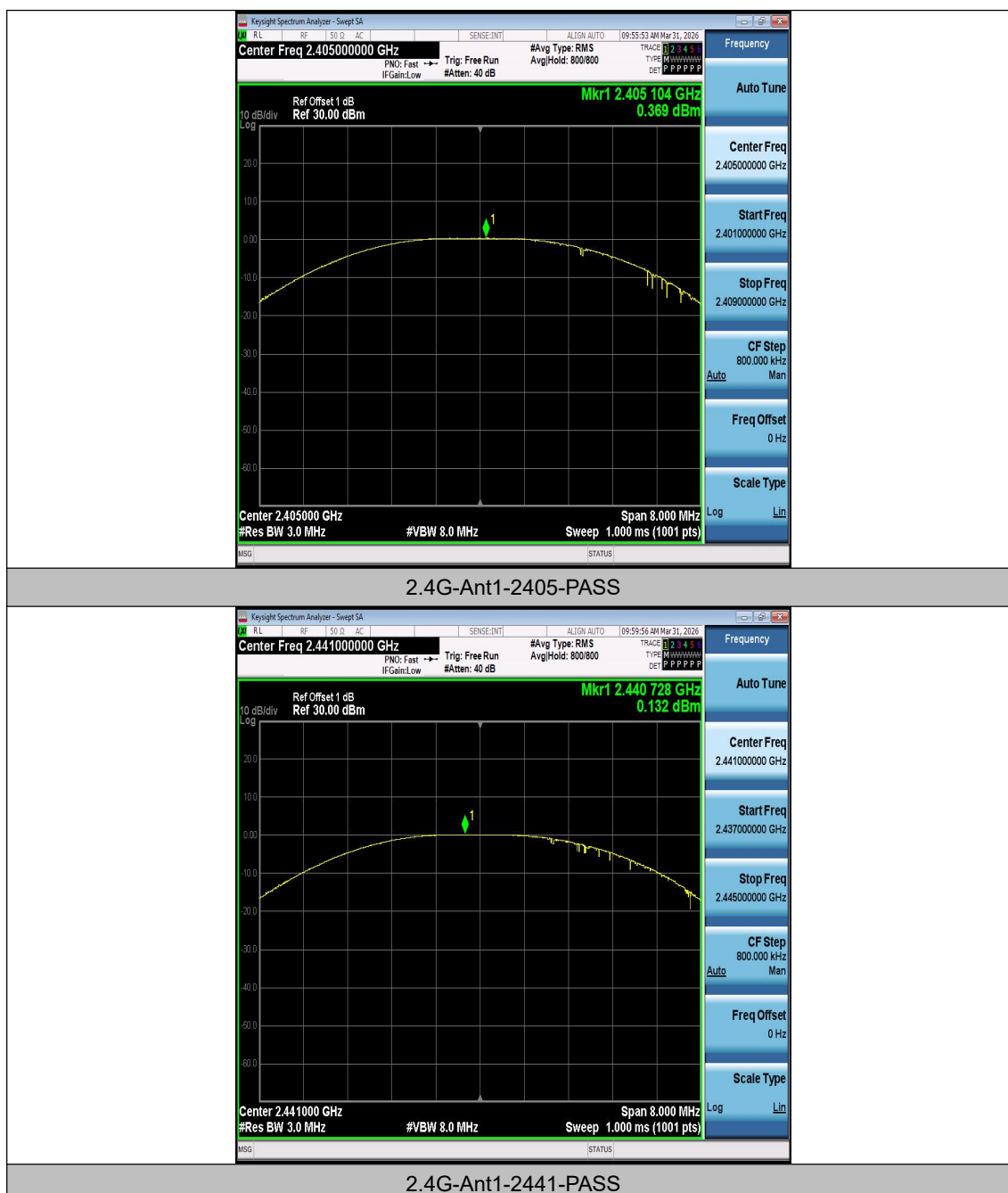
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2405	0.37	≤20.97	PASS
2.4G	Ant1	2441	0.13	≤20.97	PASS
2.4G	Ant1	2475	-0.45	≤20.97	PASS

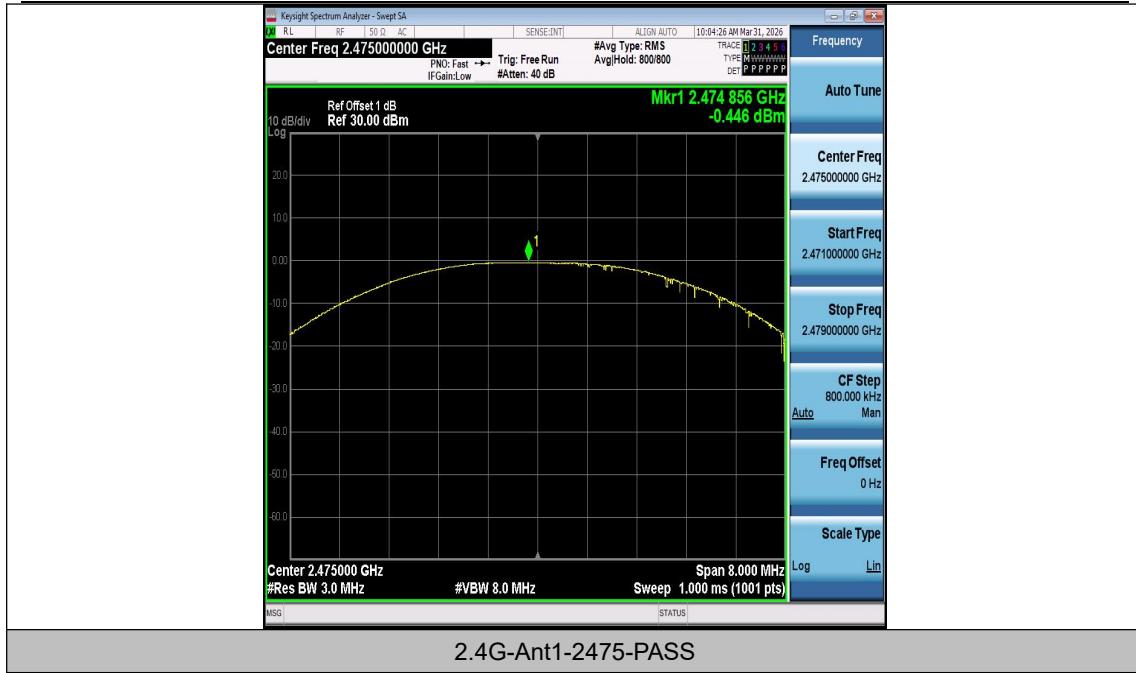
Test Graphs



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2.4G-Ant1-2475-PASS

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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	≥1.05	PASS

Note: Only the worst data was recorded in the report.

Test Graphs



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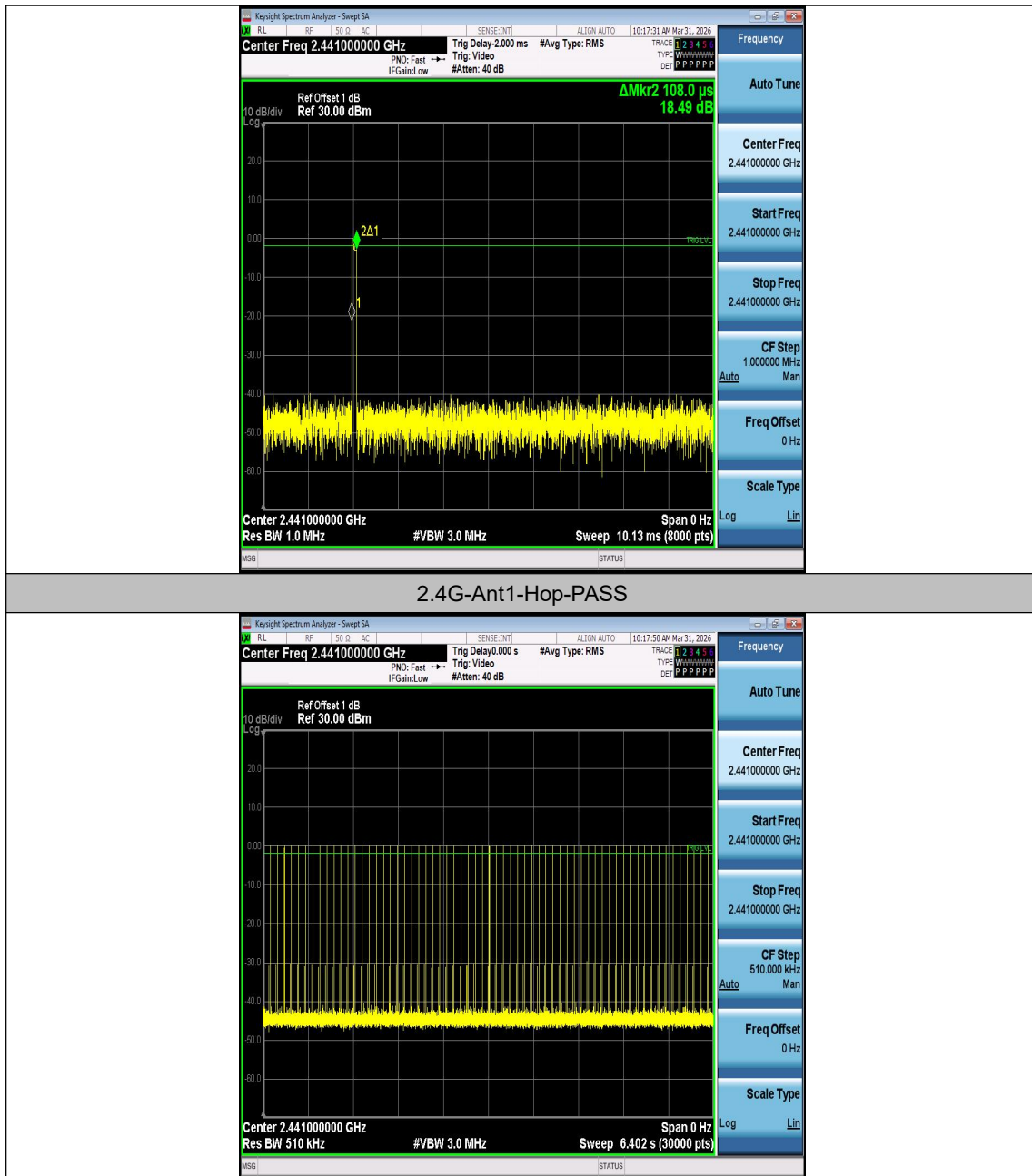
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.108	63	0.007	≤0.4	PASS

Test Graphs



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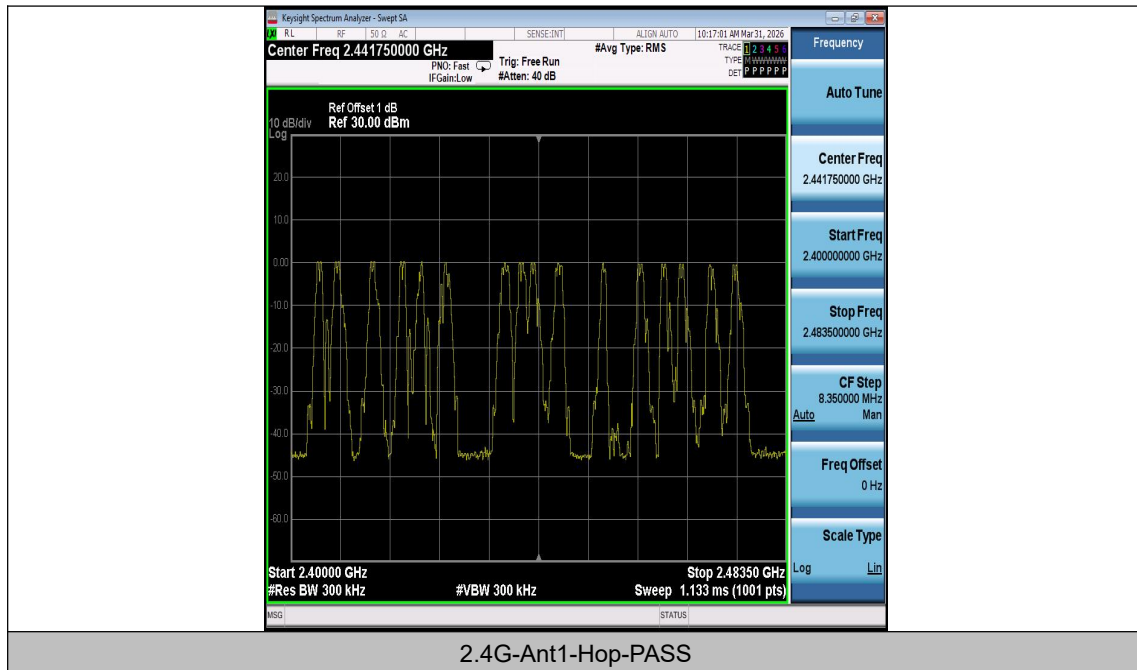
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Appendix F: Number of Hopping Channel

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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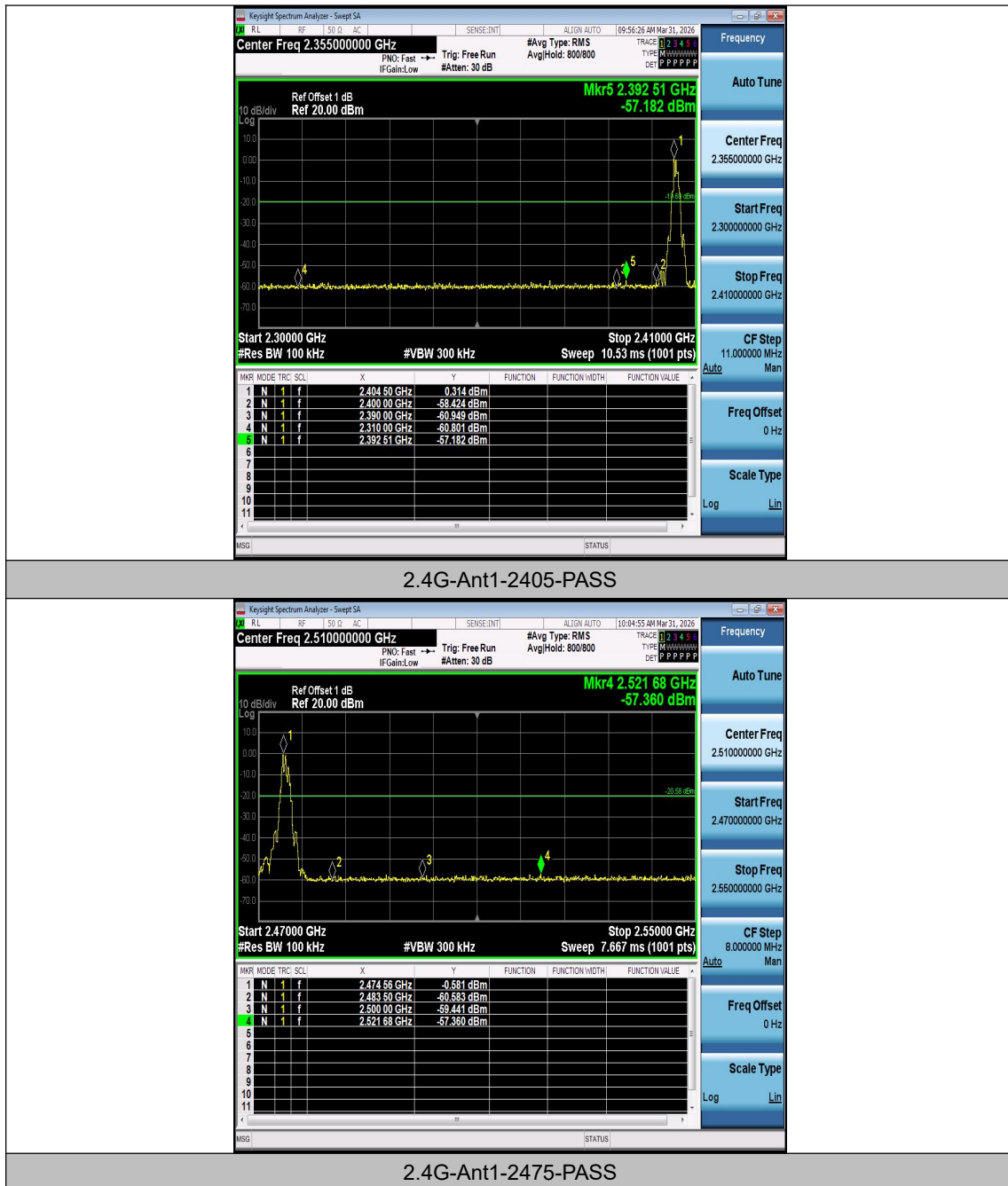
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2405	0.31	-57.18	≤-19.69	PASS
2.4G	Ant1	High	2475	-0.58	-57.36	≤-20.58	PASS
2.4G	Ant1	Low	Hop	0.15	-58.04	≤-19.85	PASS
2.4G	Ant1	High	Hop	-0.48	-56.25	≤-20.48	PASS

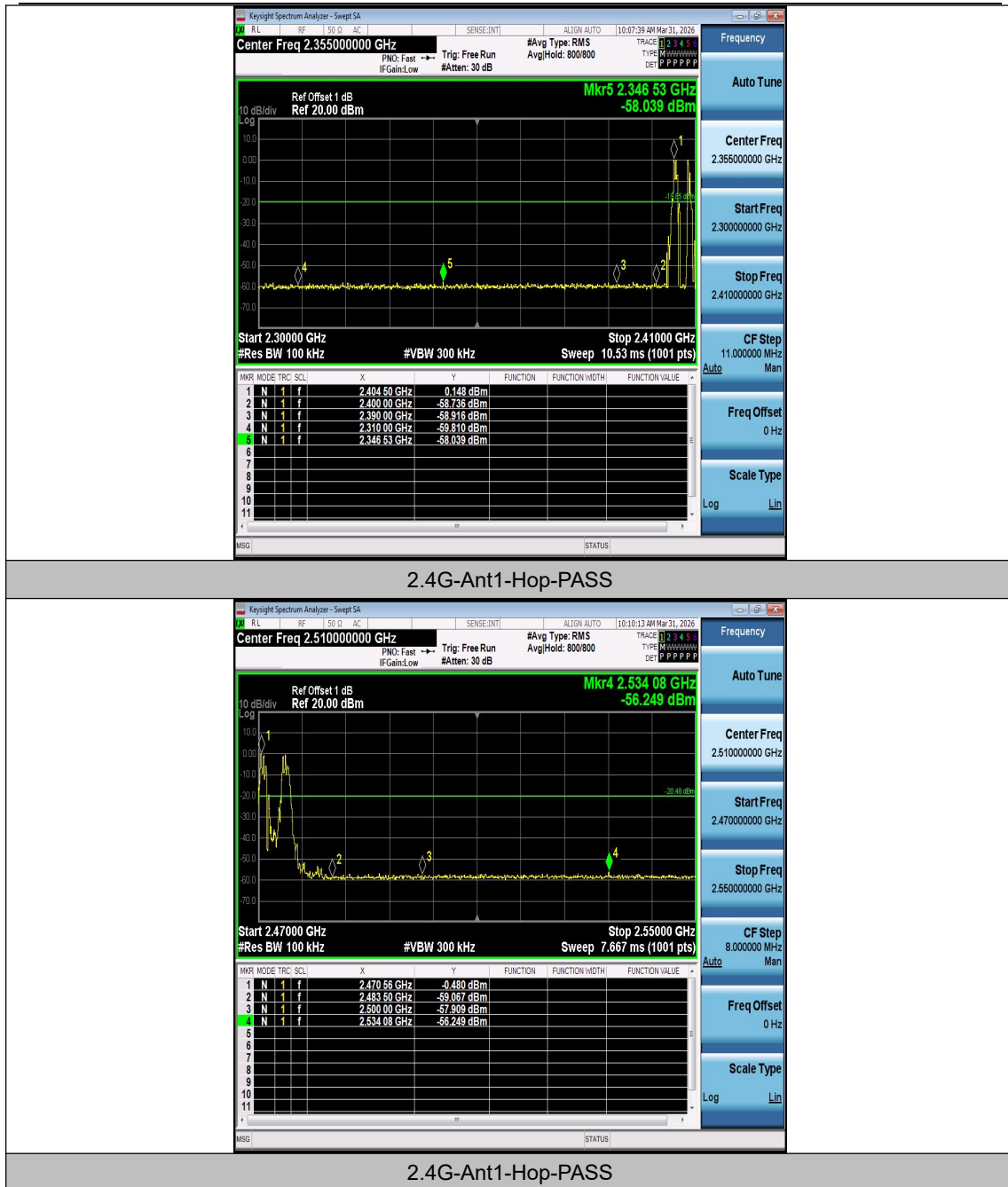
Test Graphs



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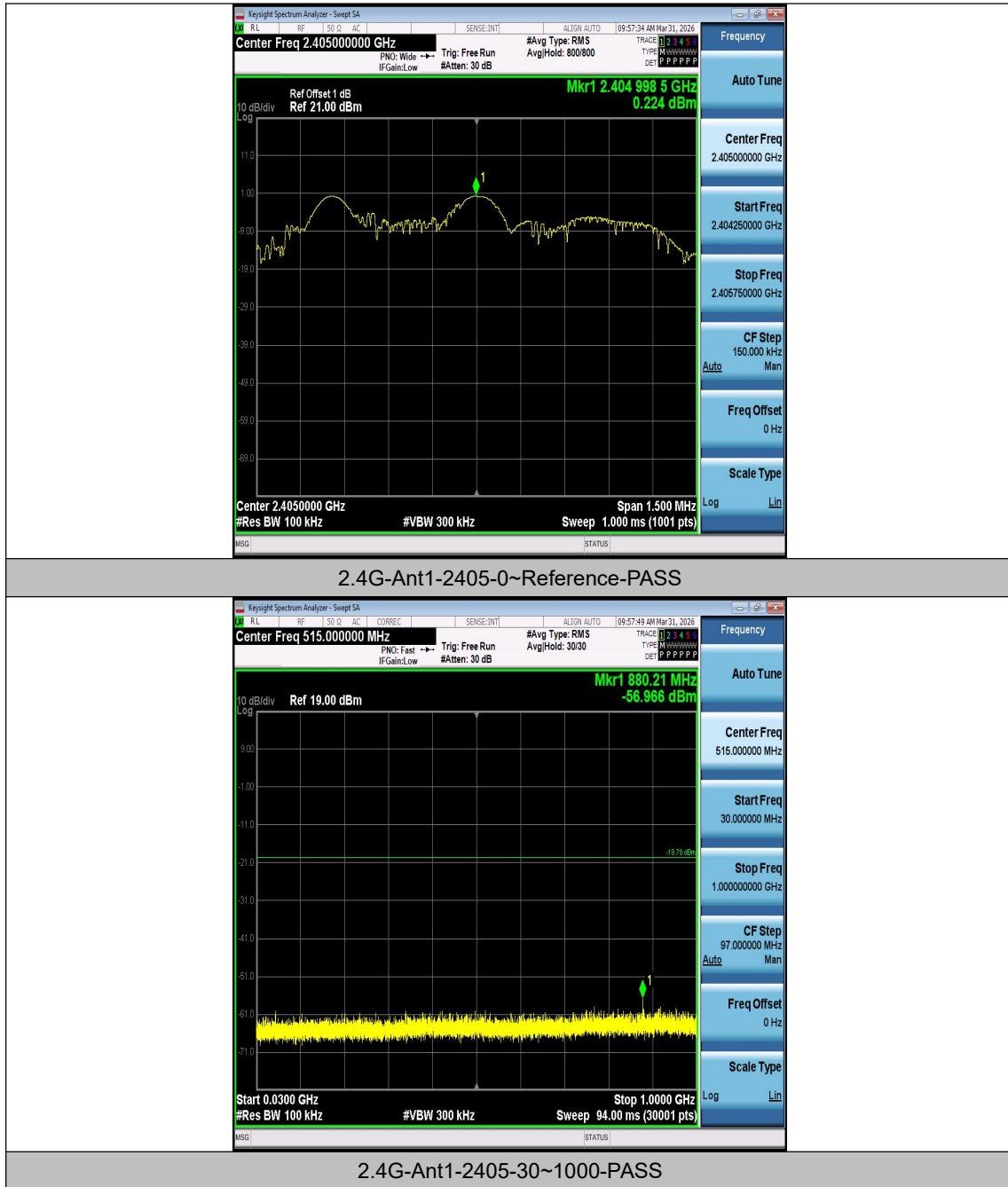
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2405	0~Reference	0.22	0.22	---	PASS
2.4G	Ant1	2405	30~1000	0.22	-56.97	≤-19.78	PASS
2.4G	Ant1	2405	1000~26500	0.22	-46.54	≤-19.78	PASS
2.4G	Ant1	2441	0~Reference	0.00	0.00	---	PASS
2.4G	Ant1	2441	30~1000	0.00	-59.02	≤-20	PASS
2.4G	Ant1	2441	1000~26500	0.00	-46.47	≤-20	PASS
2.4G	Ant1	2475	0~Reference	-0.69	-0.69	---	PASS
2.4G	Ant1	2475	30~1000	-0.69	-59.63	≤-20.69	PASS
2.4G	Ant1	2475	1000~26500	-0.69	-47.4	≤-20.69	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.

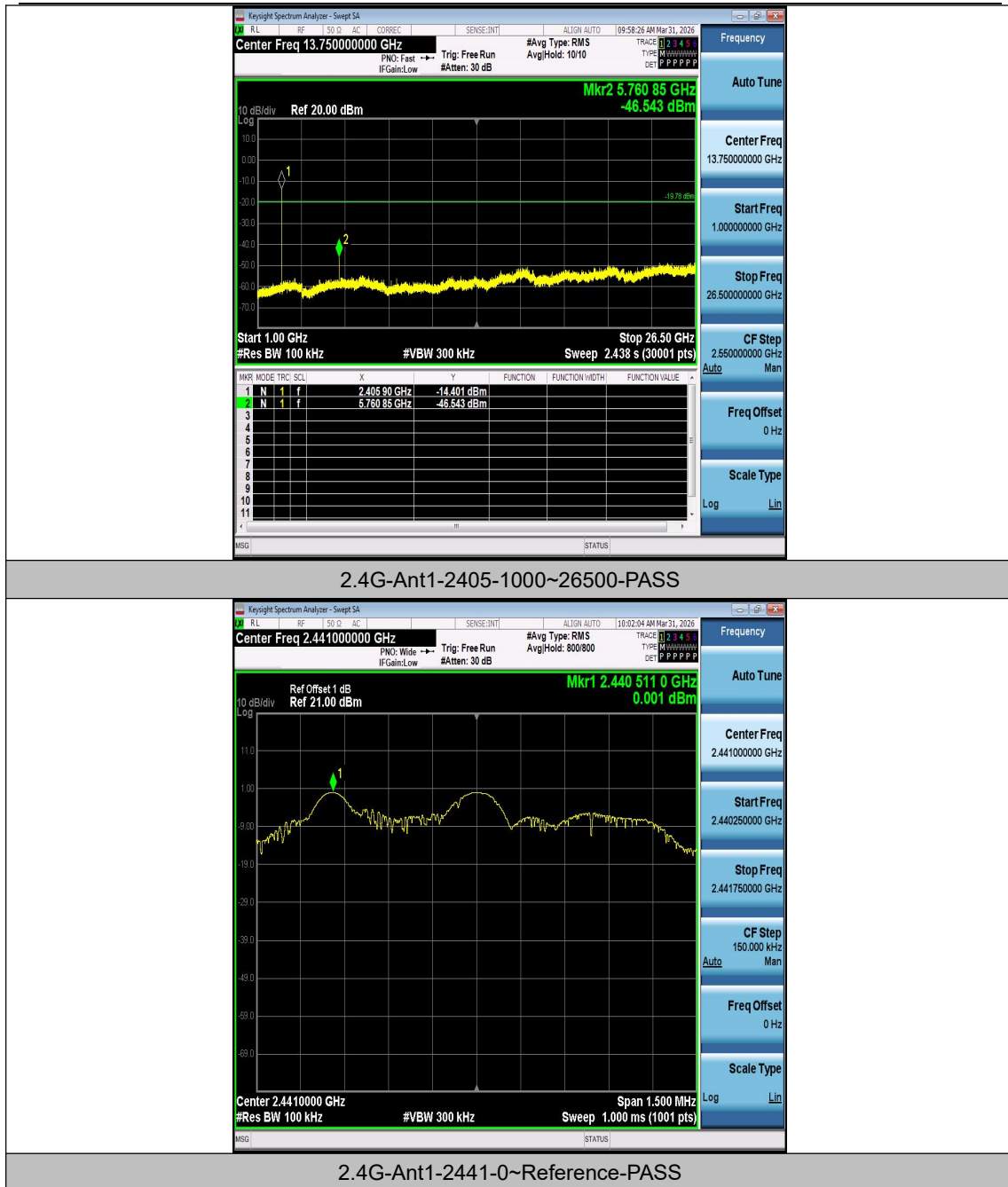
Test Graphs



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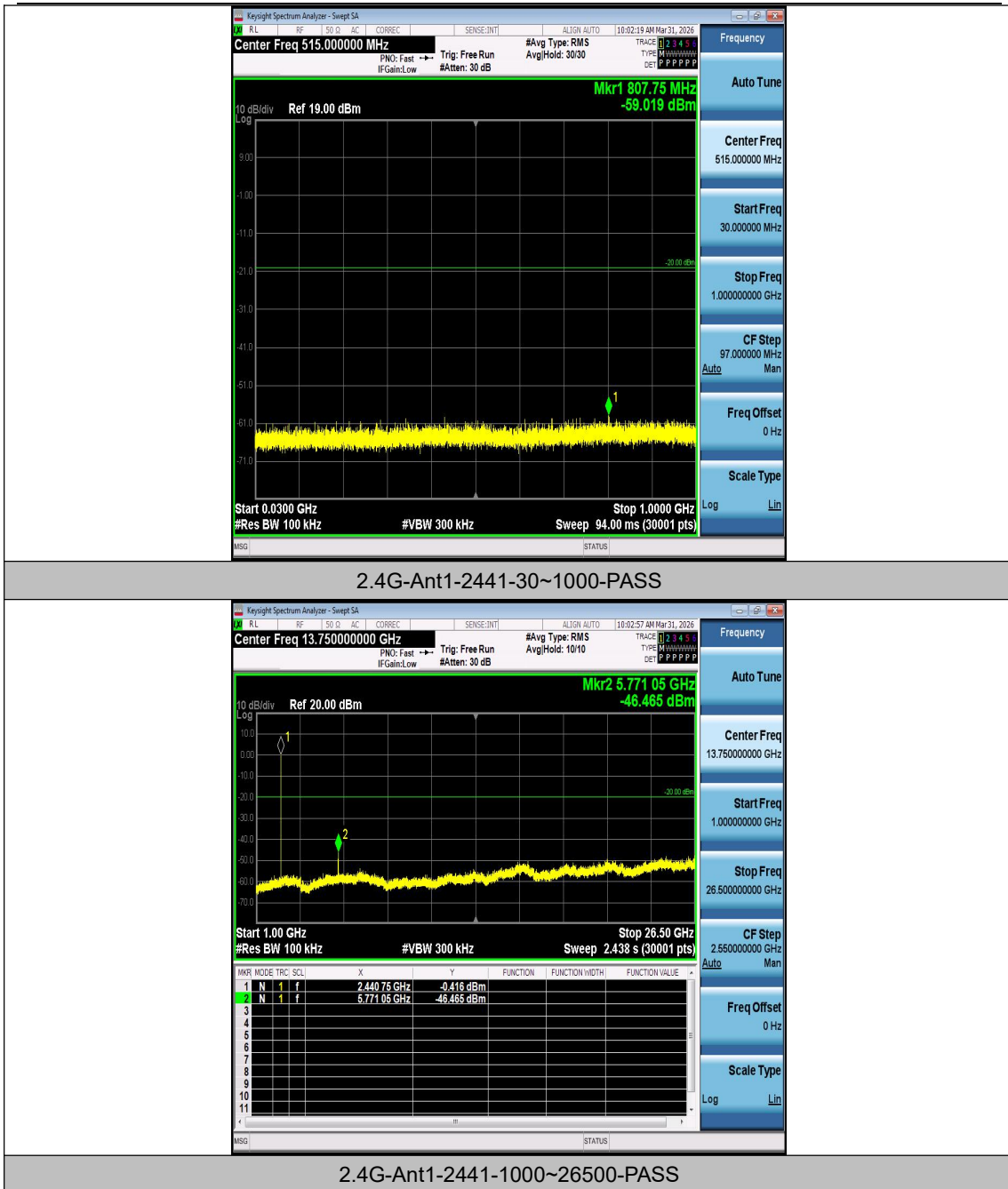
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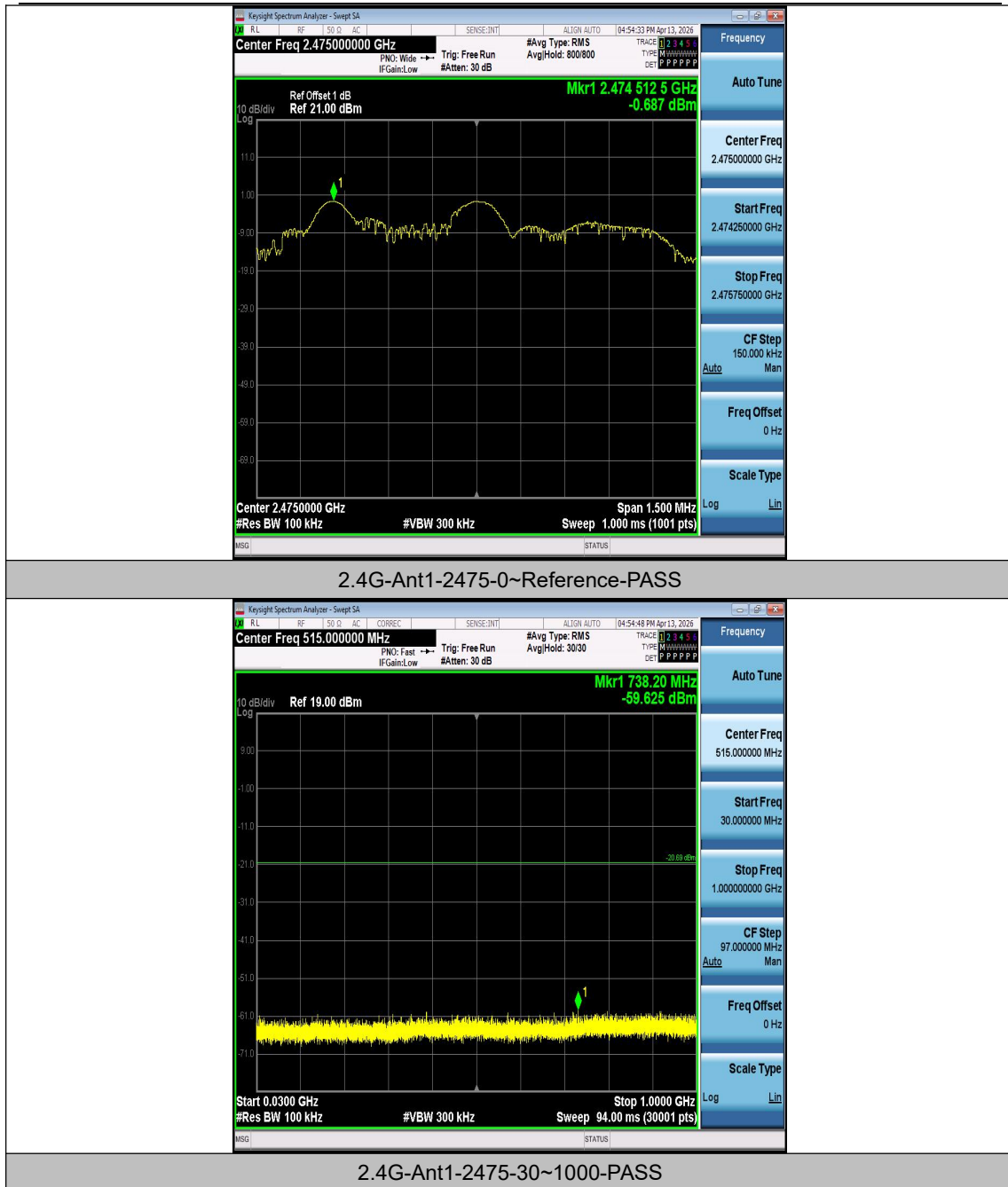
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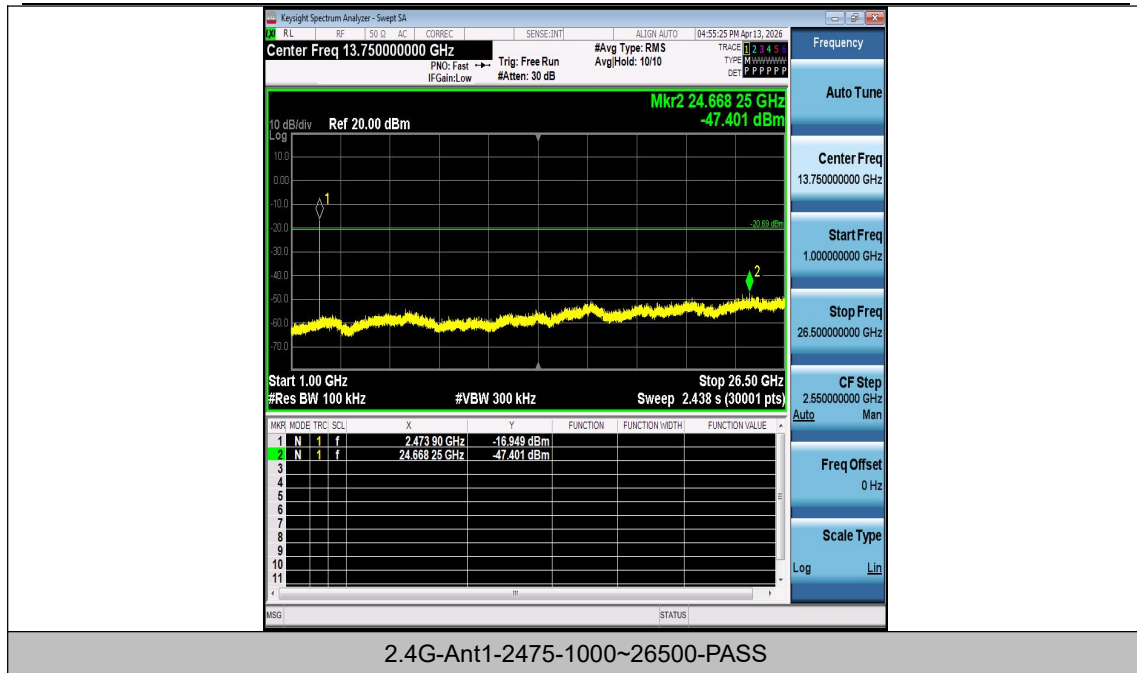
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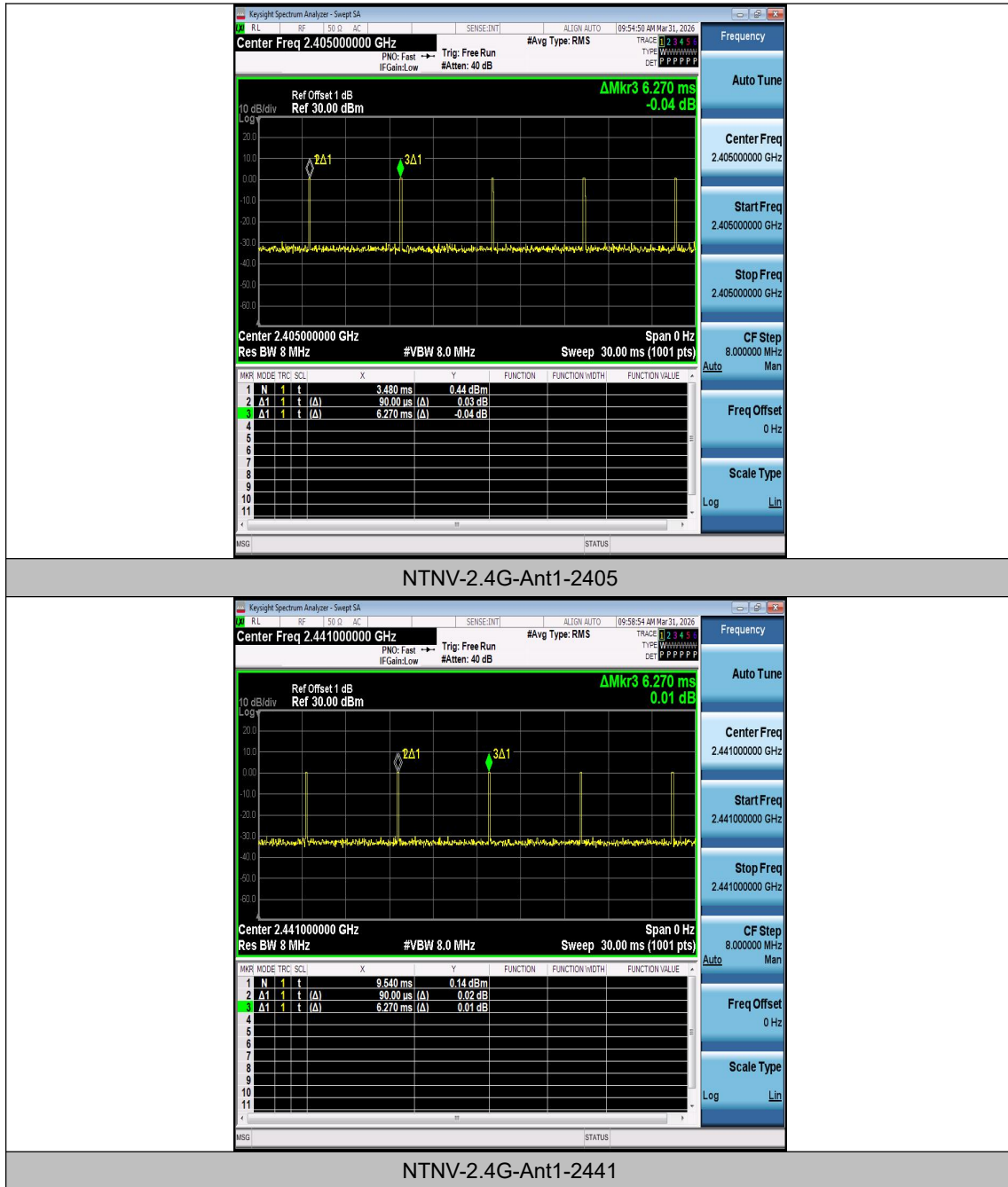
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2405	0.09	6.27	1.44	18.42
2.4G	Ant1	2441	0.09	6.27	1.44	18.42
2.4G	Ant1	2475	0.09	6.27	1.44	18.42

Test Graphs



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