

Appendix Test Data

Report No.:	1813C60045712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-5	Finish Test Date:	2026-3-6
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.1°C	Relative Humidity:	43%
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	2402	0.960	2401.523	2402.483	---	---
2.4G	Ant1	2441	1.026	2440.469	2441.495	---	---
2.4G	Ant1	2480	1.020	2479.469	2480.489	---	---

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	2402	0.86753	2401.5637	2402.4312	---	---
2.4G	Ant1	2441	0.88311	2440.5506	2441.4337	---	---
2.4G	Ant1	2480	0.88727	2479.5521	2480.4394	---	---

Test Graphs





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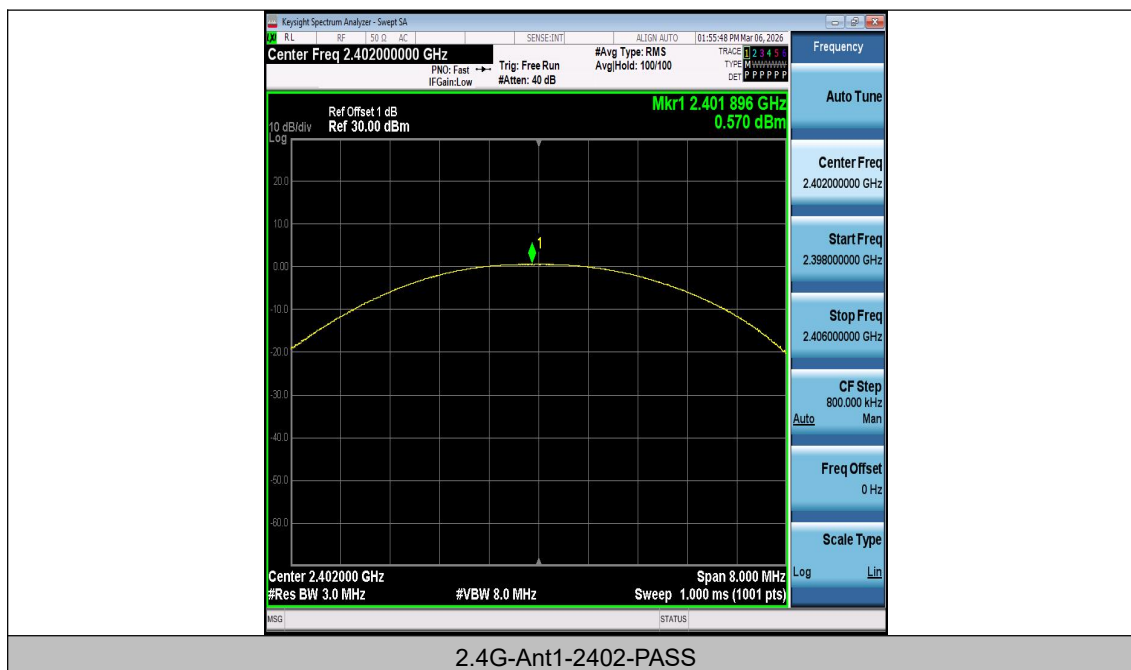
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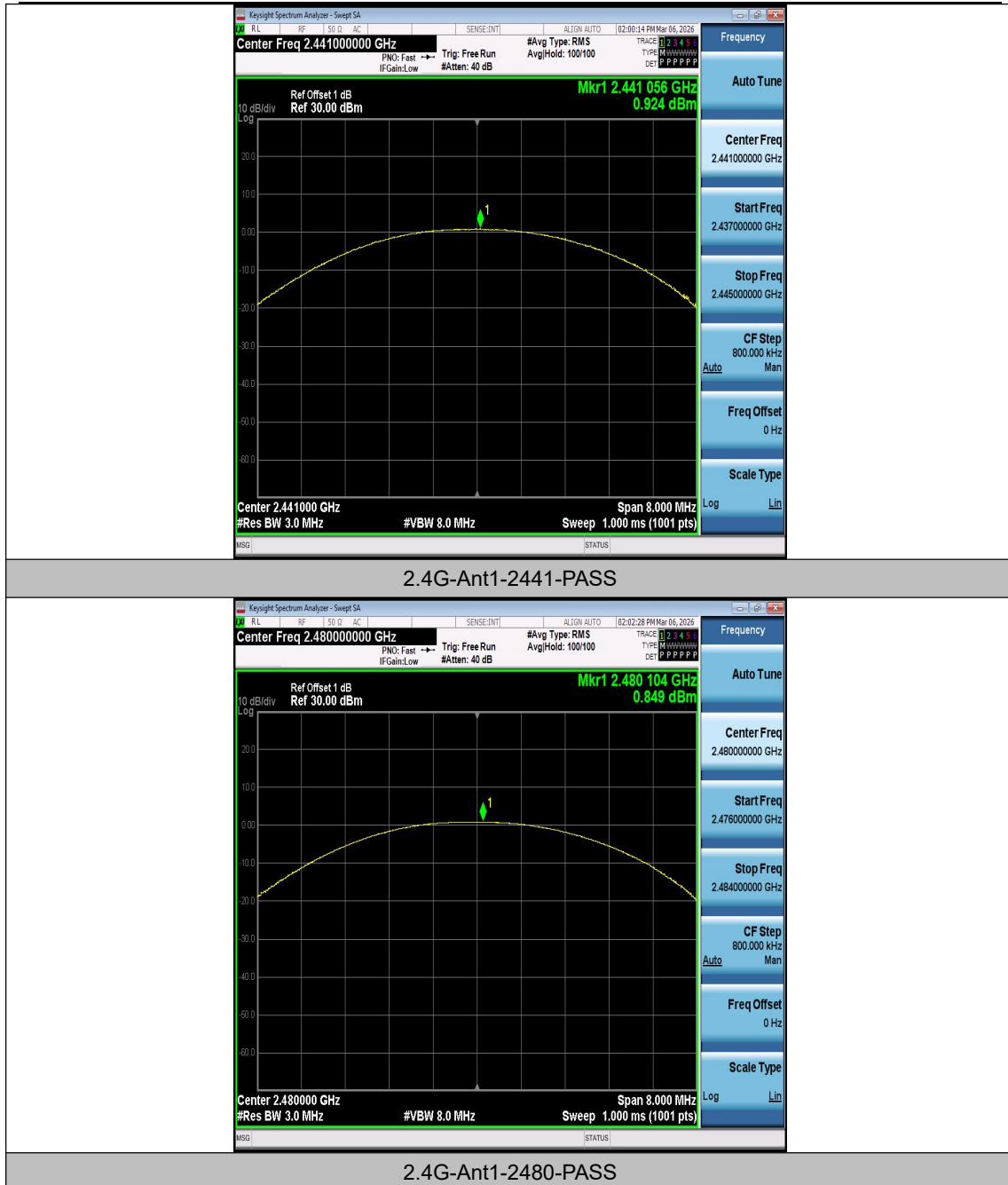
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402	0.57	≤30	PASS
2.4G	Ant1	2441	0.92	≤30	PASS
2.4G	Ant1	2480	0.85	≤30	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	1.000	>0.6	PASS

Test Graphs

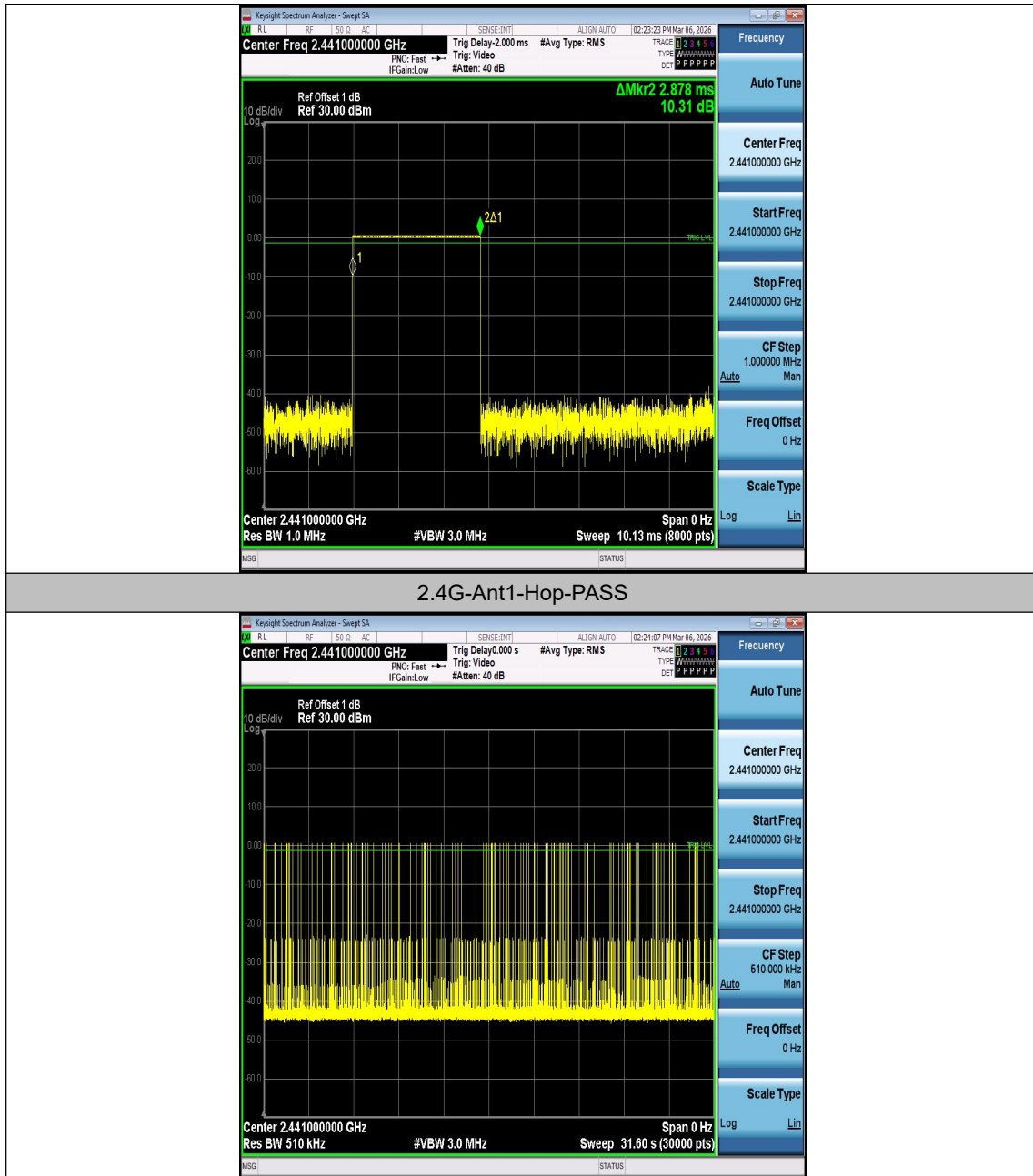


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	2.878	121	0.348	≤0.4	PASS

Test Graphs



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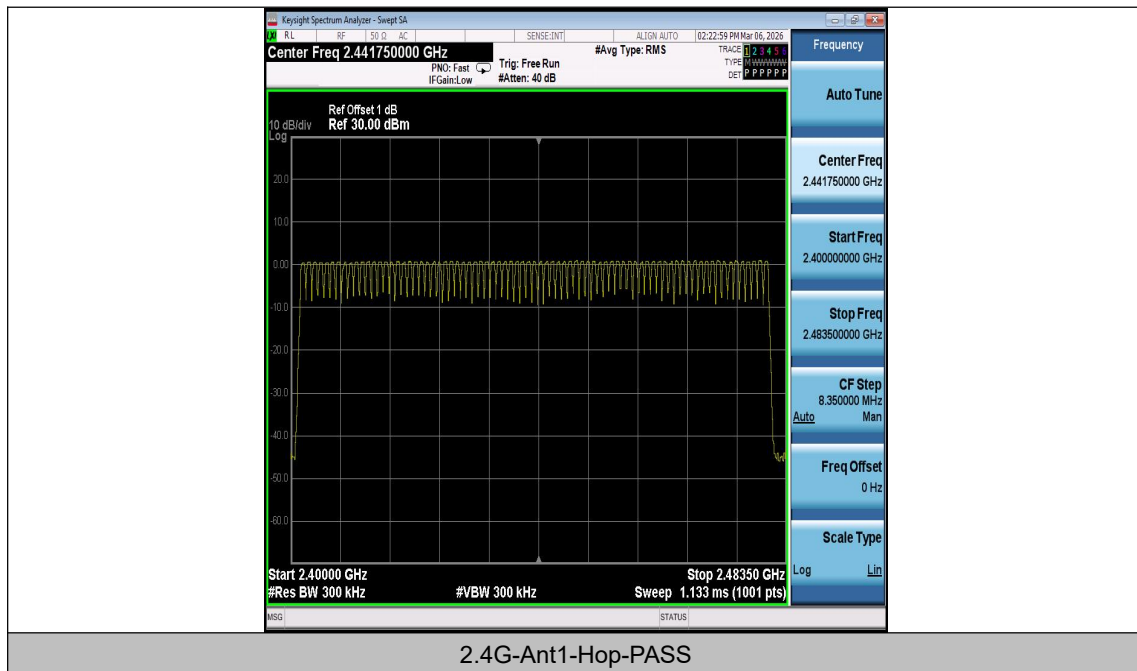
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Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
2.4G	Ant1	Hop	79	≥15	PASS

Test Graphs

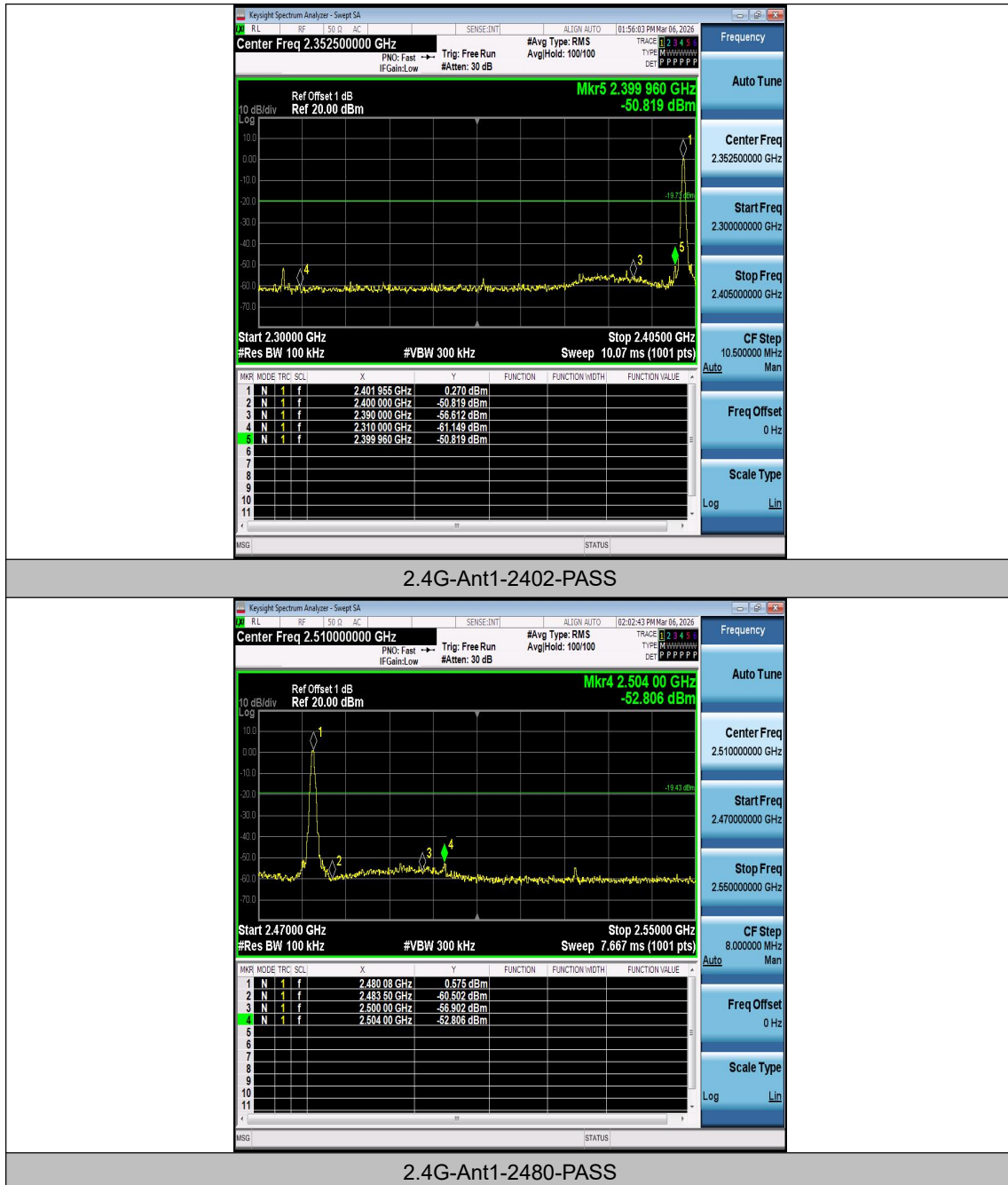


Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402	0.27	-50.82	≤-19.73	PASS
2.4G	Ant1	High	2480	0.58	-52.81	≤-19.43	PASS
2.4G	Ant1	Low	Hop_2402	-0.01	-49.73	≤-20.01	PASS
2.4G	Ant1	High	Hop_2480	0.53	-47.42	≤-19.47	PASS

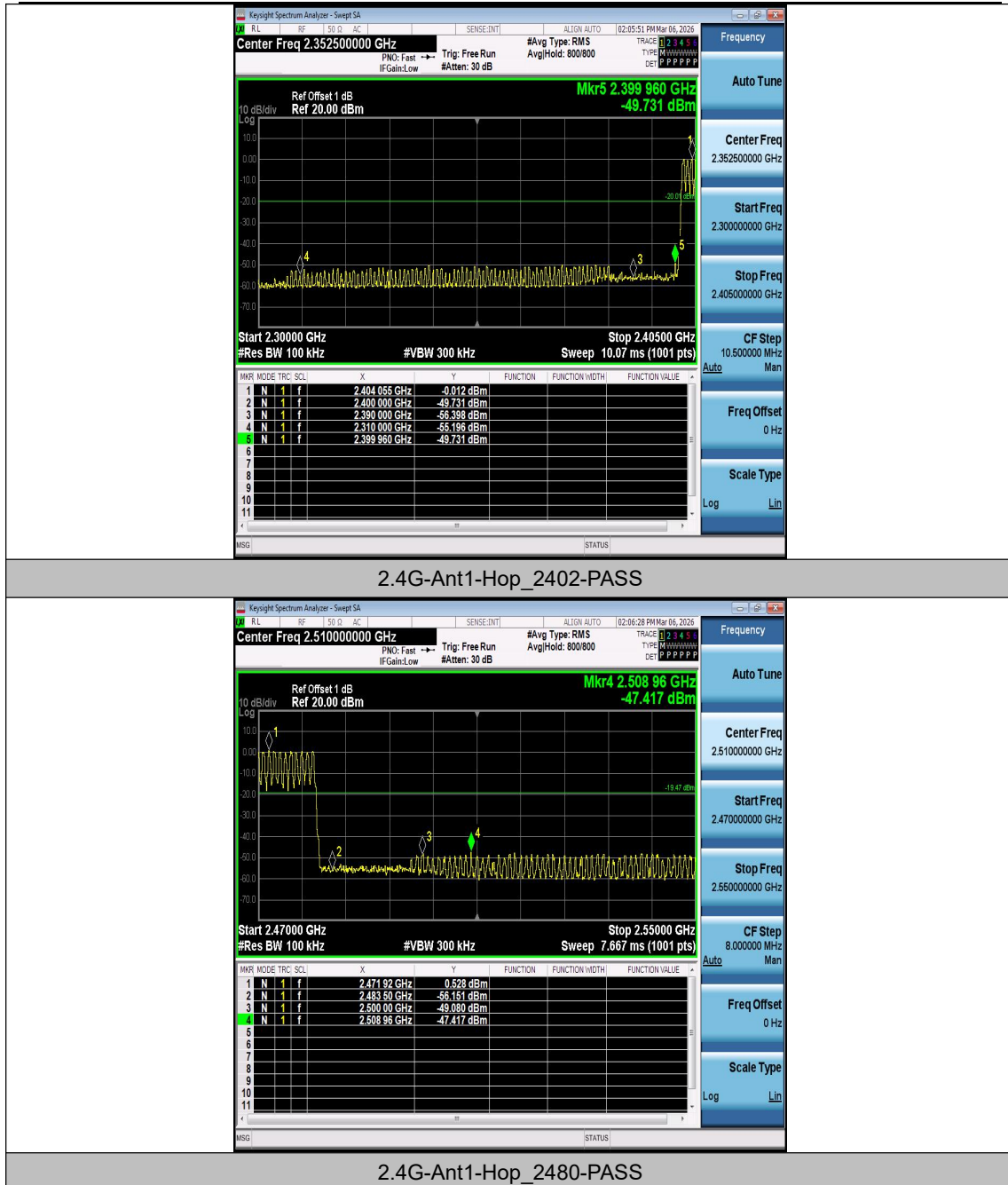
Test Graphs



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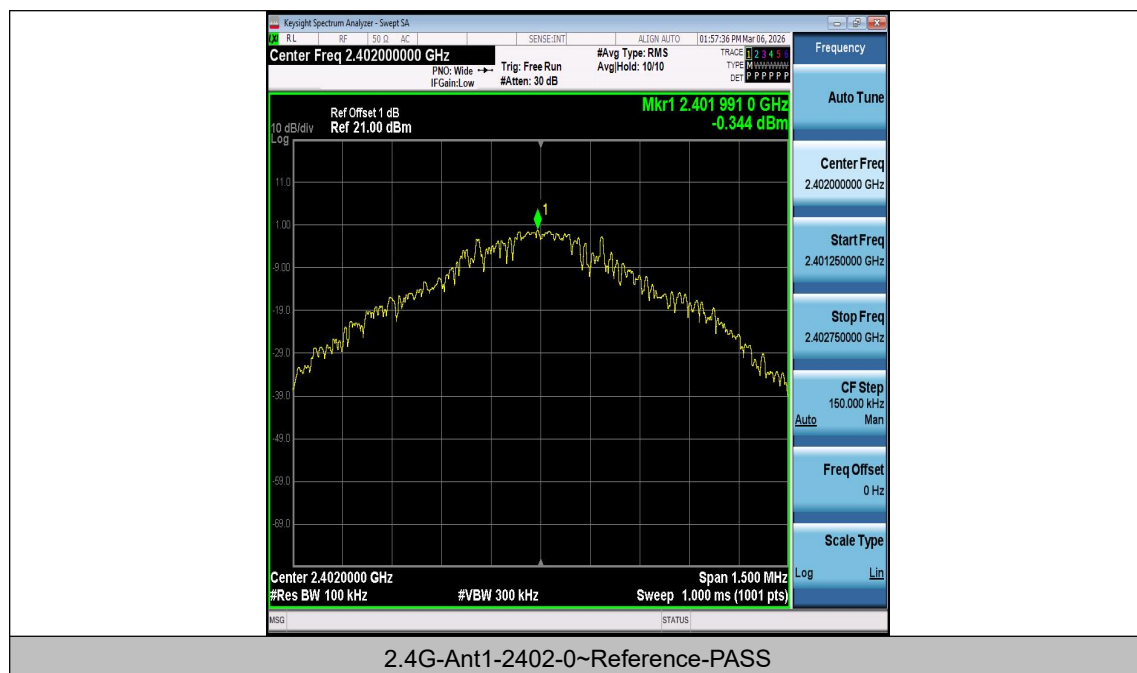
Appendix H: Conducted Spurious Emission

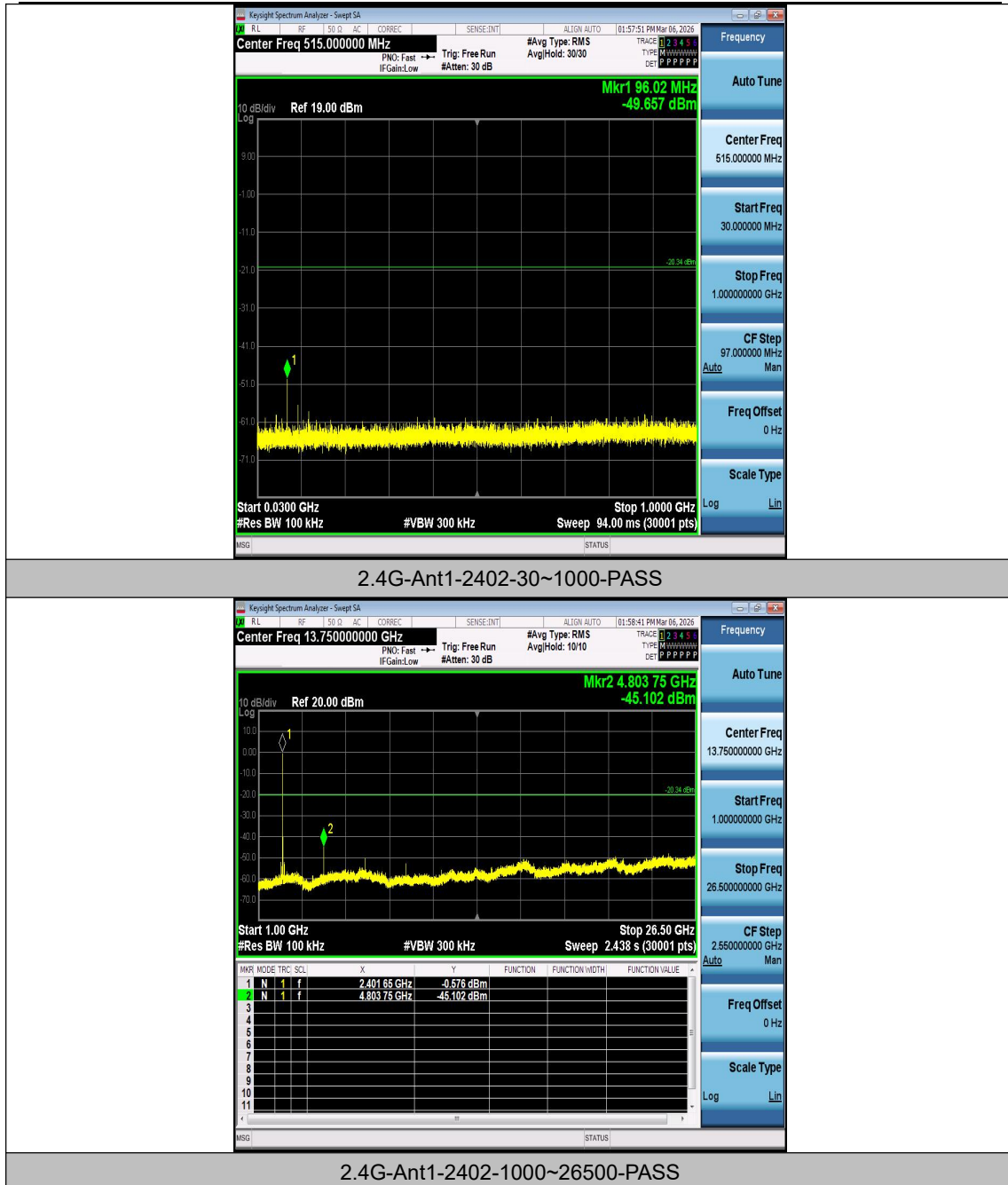
Test Result

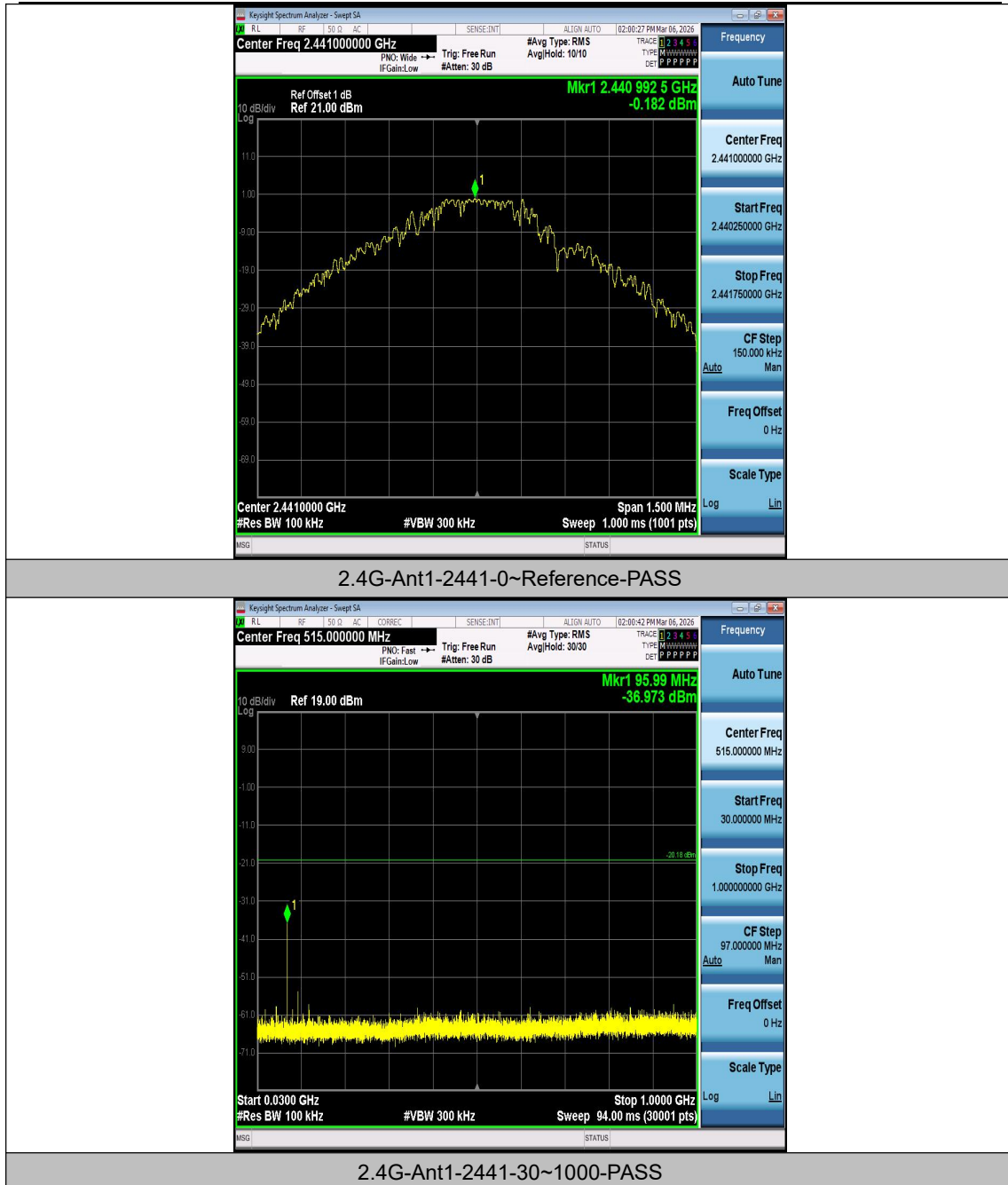
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	0~Reference	-0.34	-0.34	---	PASS
2.4G	Ant1	2402	30~1000	-0.34	-49.66	≤-20.34	PASS
2.4G	Ant1	2402	1000~26500	-0.34	-45.1	≤-20.34	PASS
2.4G	Ant1	2441	0~Reference	-0.18	-0.18	---	PASS
2.4G	Ant1	2441	30~1000	-0.18	-36.97	≤-20.18	PASS
2.4G	Ant1	2441	1000~26500	-0.18	-47.74	≤-20.18	PASS
2.4G	Ant1	2480	0~Reference	0.03	0.03	---	PASS
2.4G	Ant1	2480	30~1000	0.03	-36.97	≤-19.97	PASS
2.4G	Ant1	2480	1000~26500	0.03	-47.5	≤-19.97	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



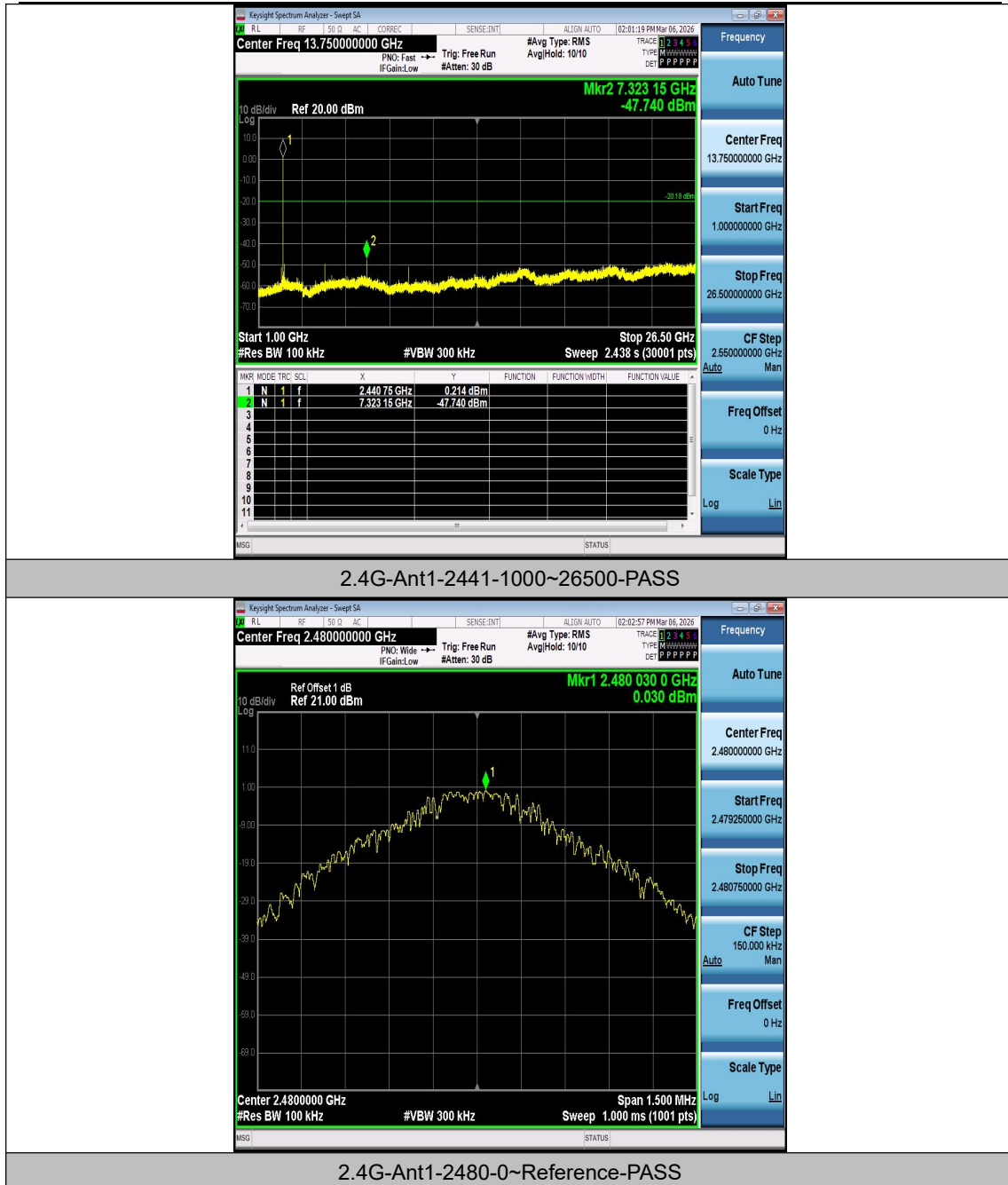




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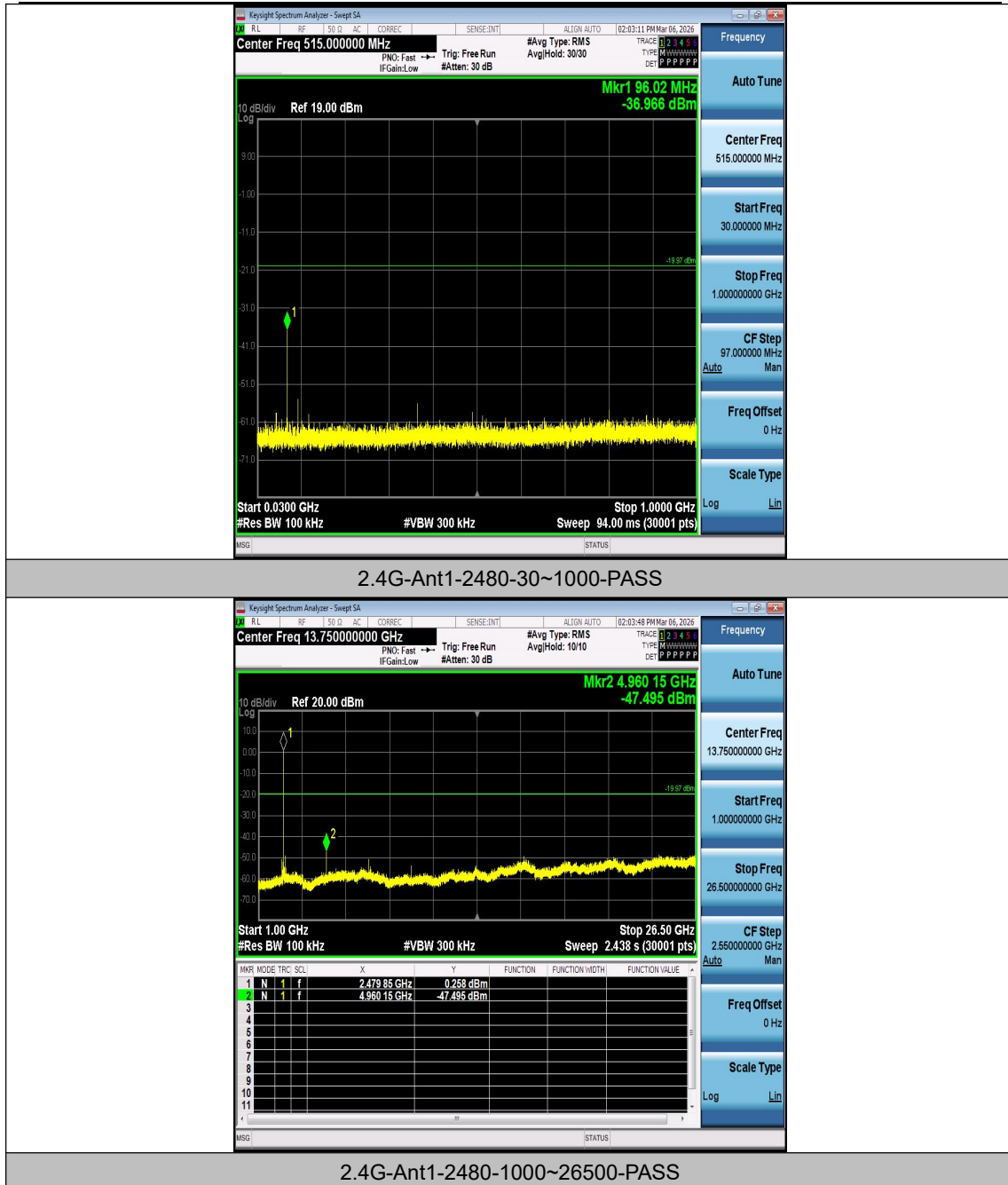
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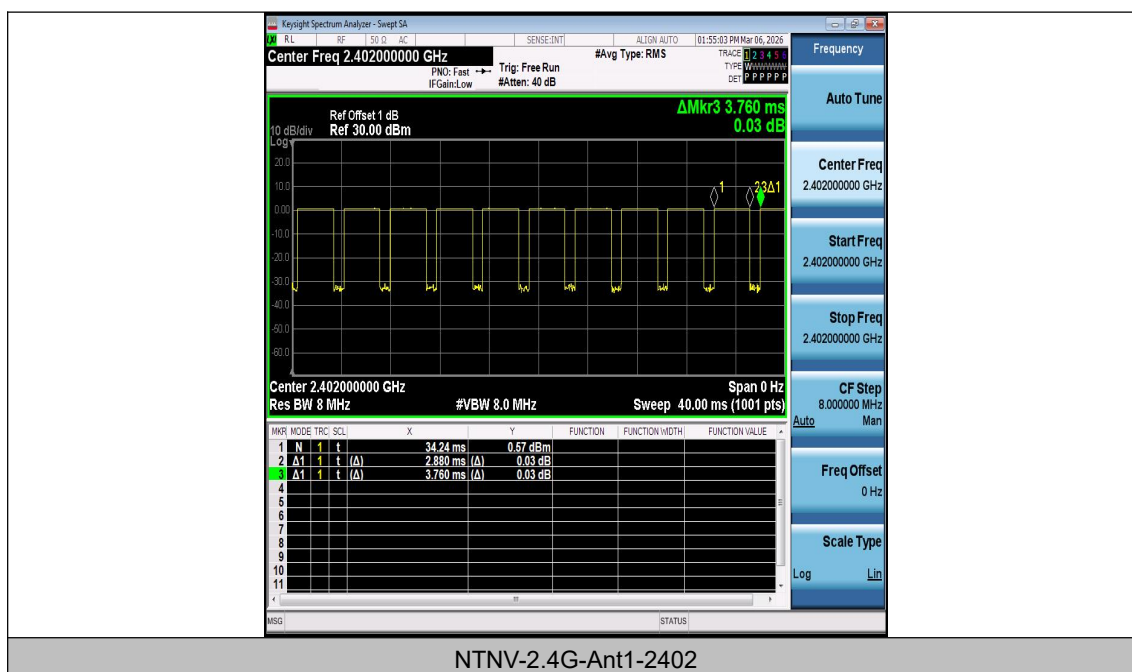
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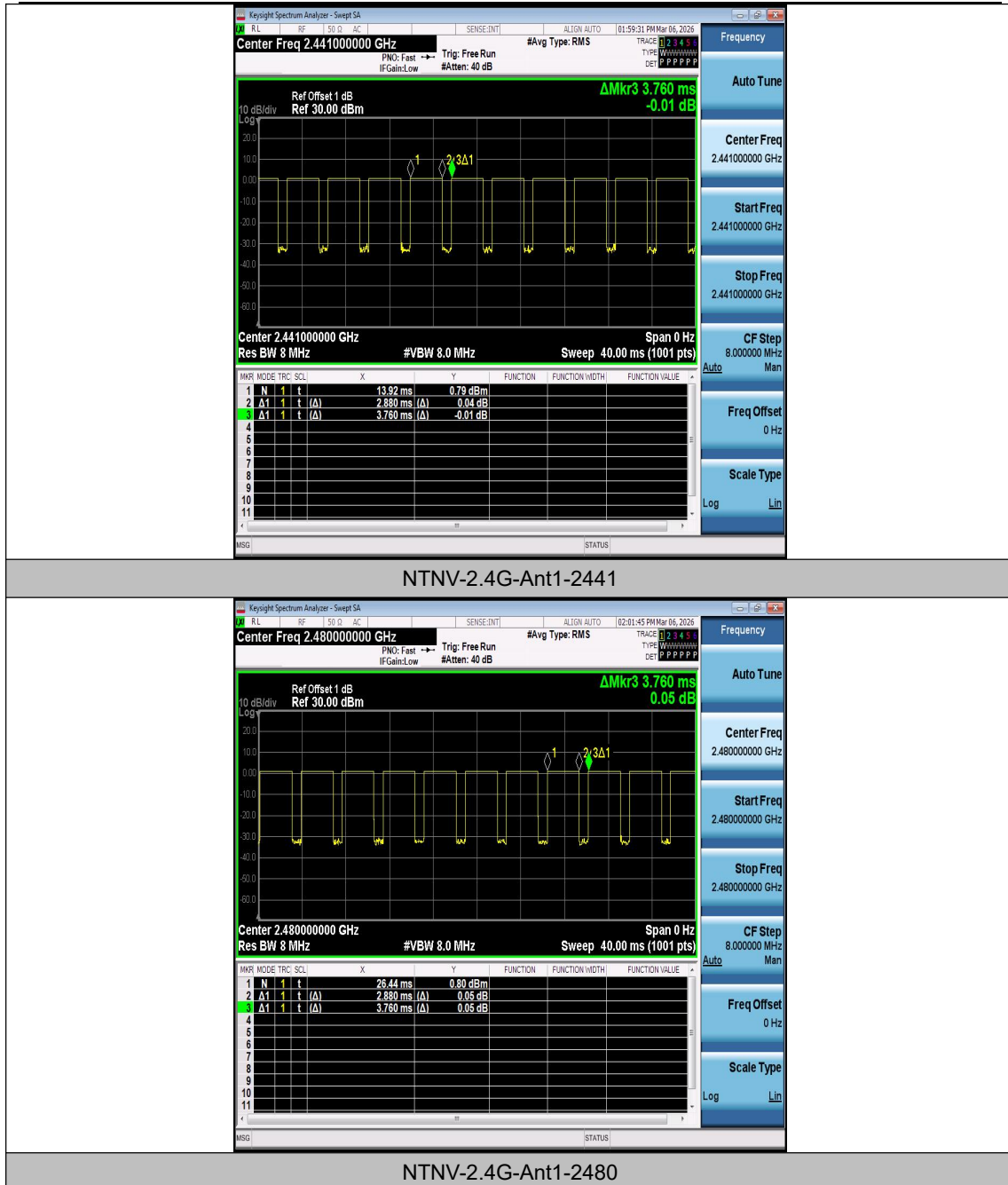
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2402	2.88	3.76	76.60	1.16
2.4G	Ant1	2441	2.88	3.76	76.60	1.16
2.4G	Ant1	2480	2.88	3.76	76.60	1.16

Test Graphs





---End---