

Appendix Test Data

Report No.:	1812C60192912502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-8	Finish Test Date:	2026-4-16
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.1°C	Relative Humidity:	60%
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	2.304	2401.872	2404.176	---	---
2.4G	Ant1	2441	2.304	2439.872	2442.176	---	---
2.4G	Ant1	2480	2.286	2478.884	2481.170	---	---

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	2403	2.3427	2401.7522	2404.0949	---	---
2.4G	Ant1	2441	2.3265	2439.7840	2442.1105	---	---
2.4G	Ant1	2480	2.3133	2478.7955	2481.1088	---	---

Test Graphs



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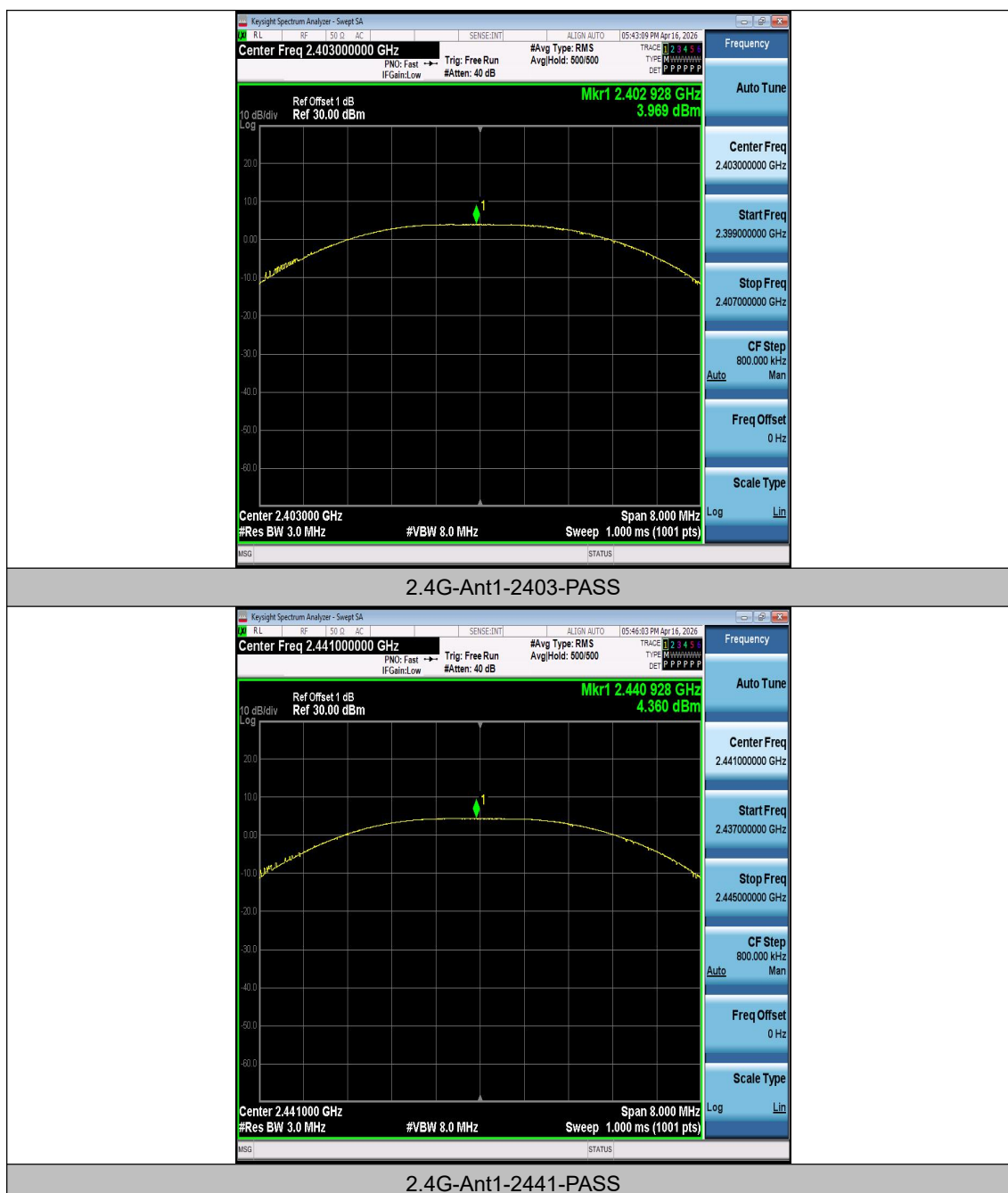
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	3.97	≤20.97	PASS
2.4G	Ant1	2441	4.36	≤20.97	PASS
2.4G	Ant1	2480	4.67	≤20.97	PASS

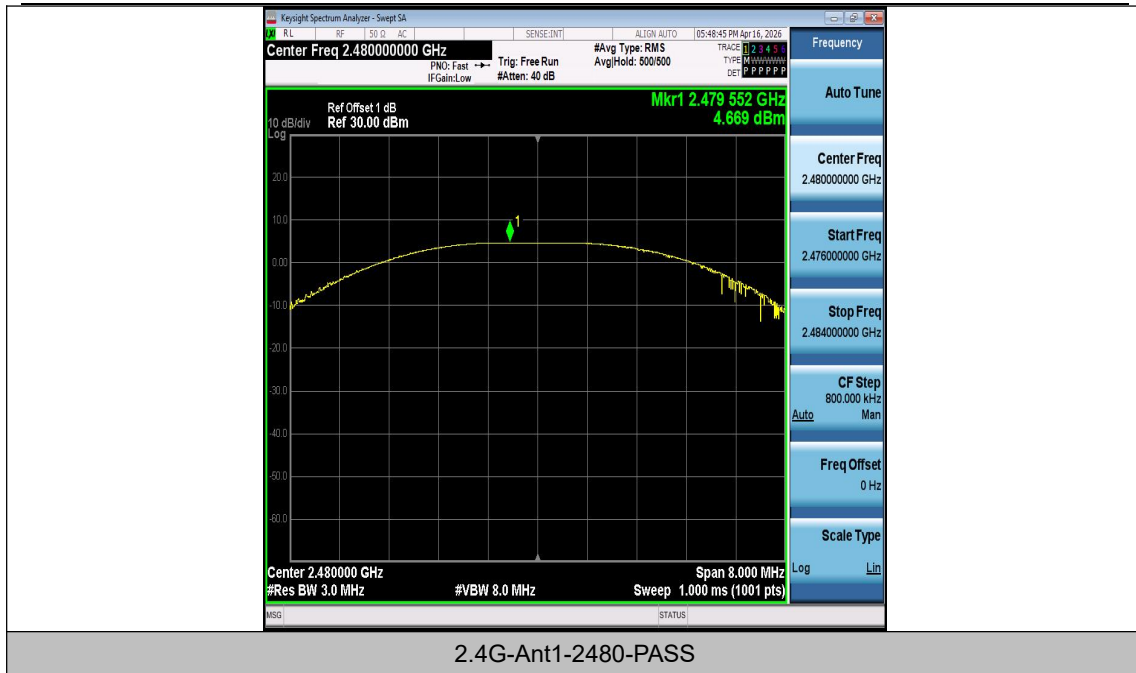
Test Graphs



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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	2.000	>1.524	PASS

Note: Only record the worst data in the report.

Test Graphs



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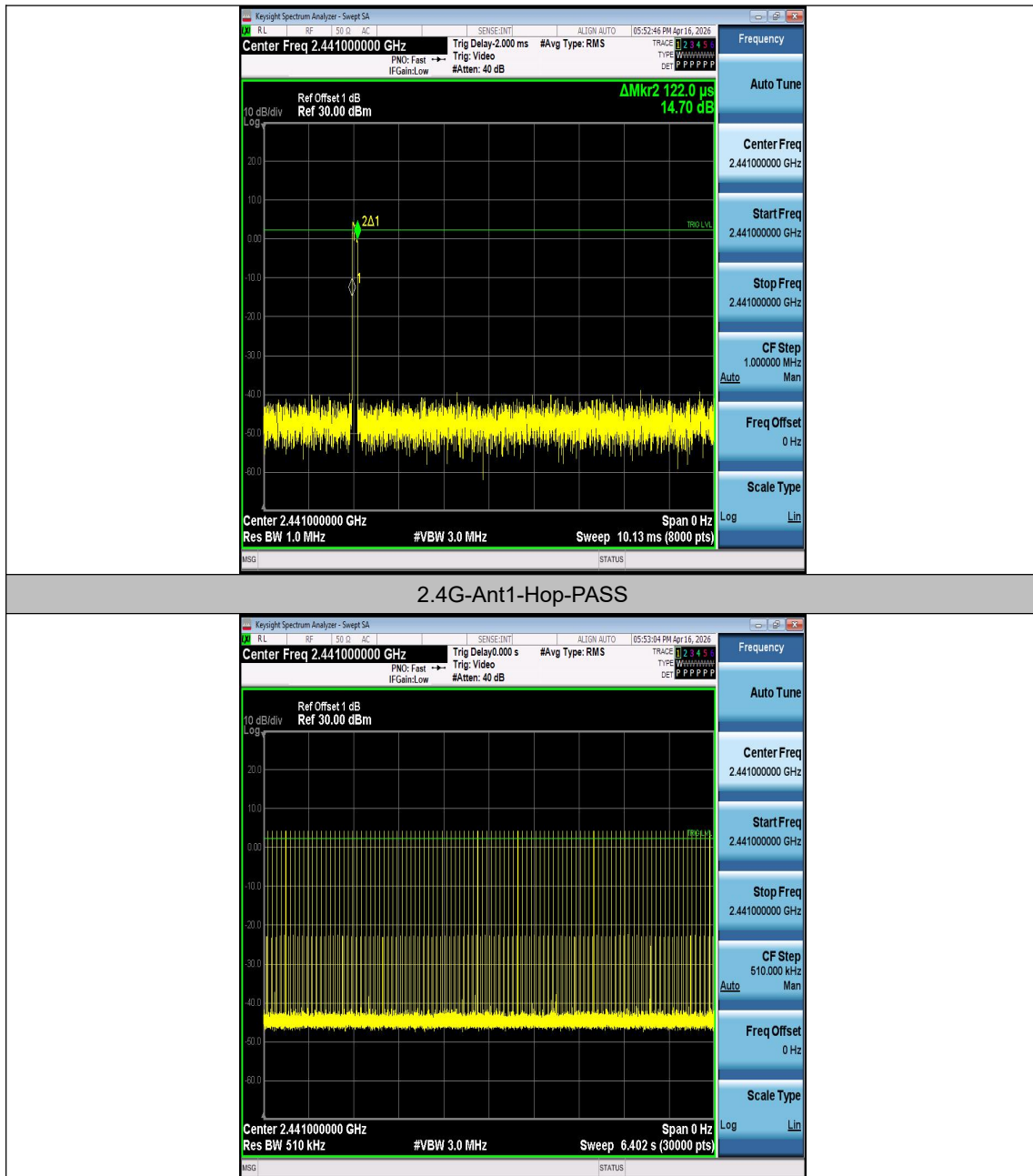
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.122	108	0.013	≤0.4	PASS

Test Graphs



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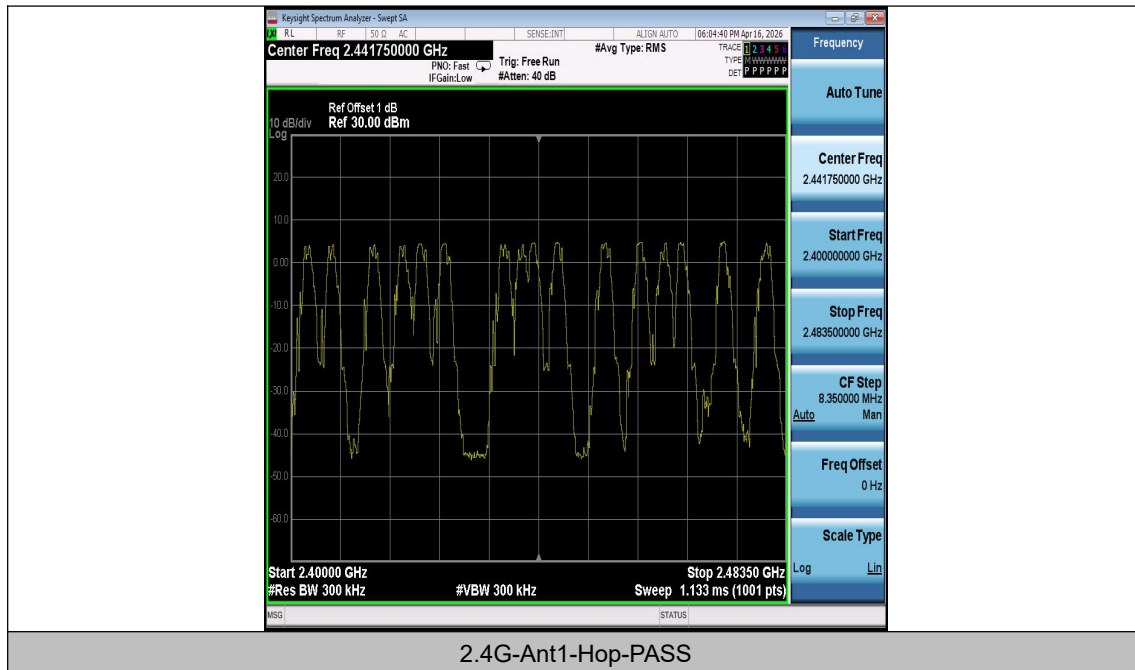
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Appendix F: Number of Hopping Channel

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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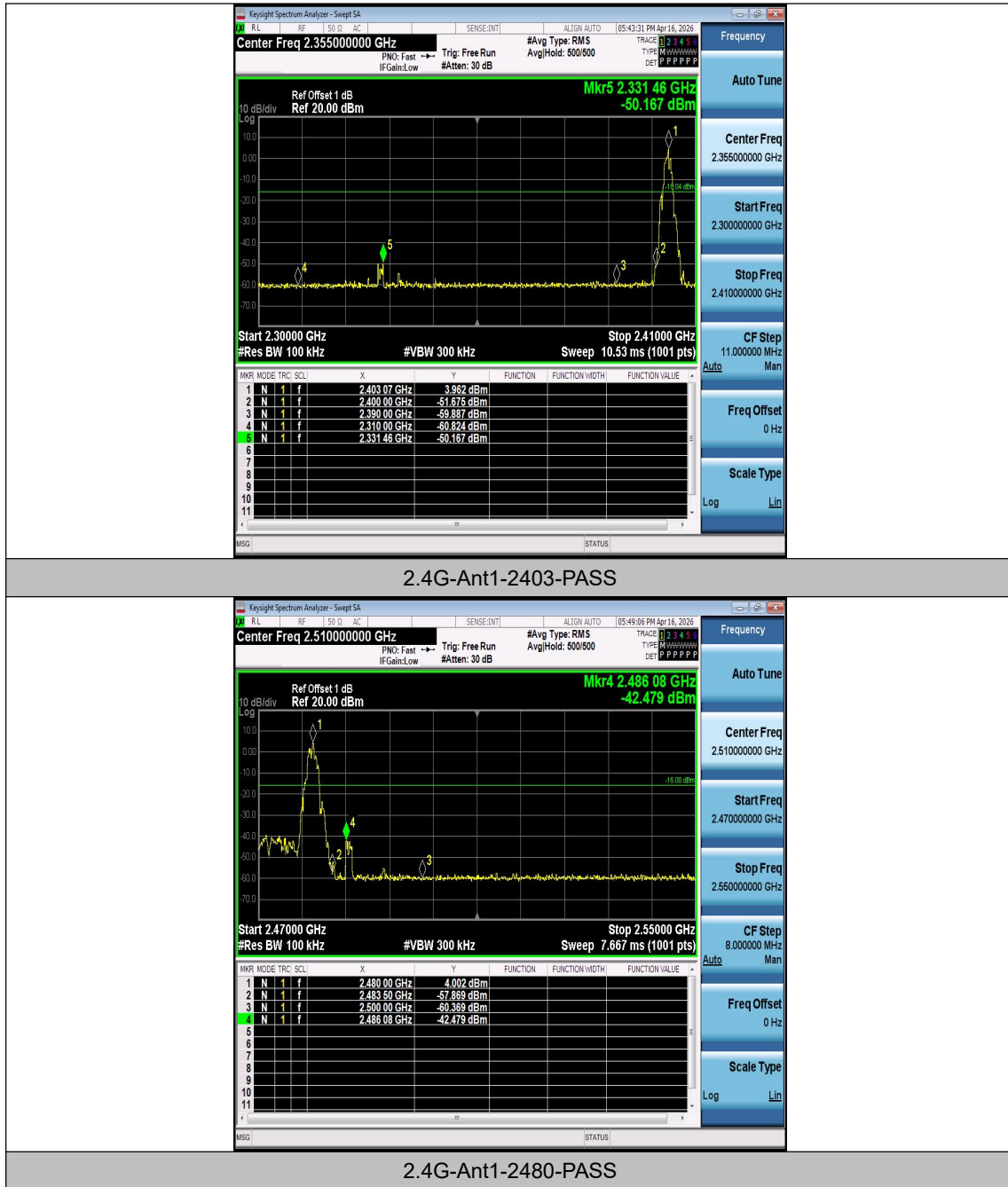
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	3.96	-50.17	≤-16.04	PASS
2.4G	Ant1	High	2480	4.00	-42.48	≤-16	PASS
2.4G	Ant1	Low	Hop	2.41	-47.23	≤-17.59	PASS
2.4G	Ant1	High	Hop	4.34	-46.17	≤-15.66	PASS

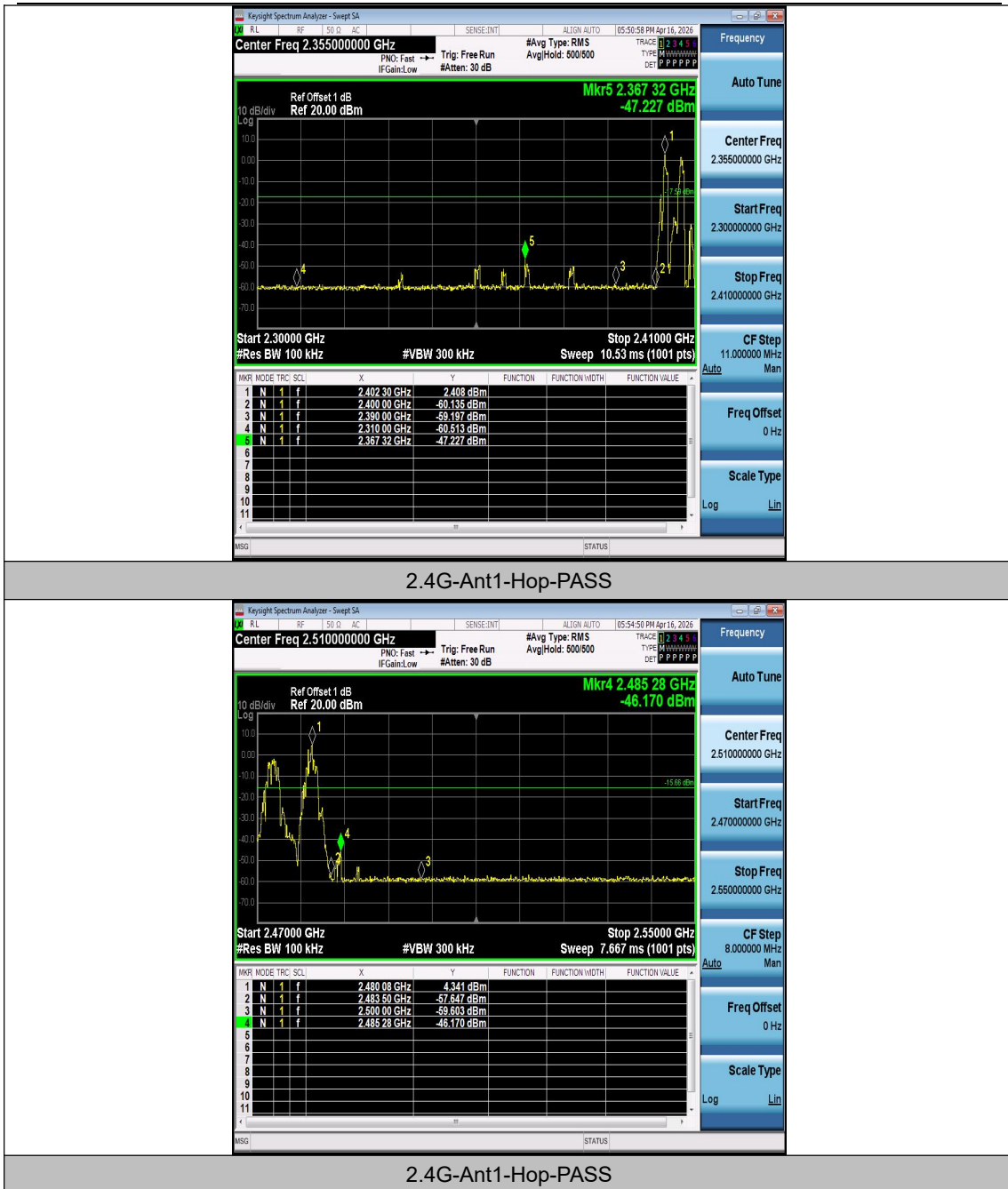
Test Graphs



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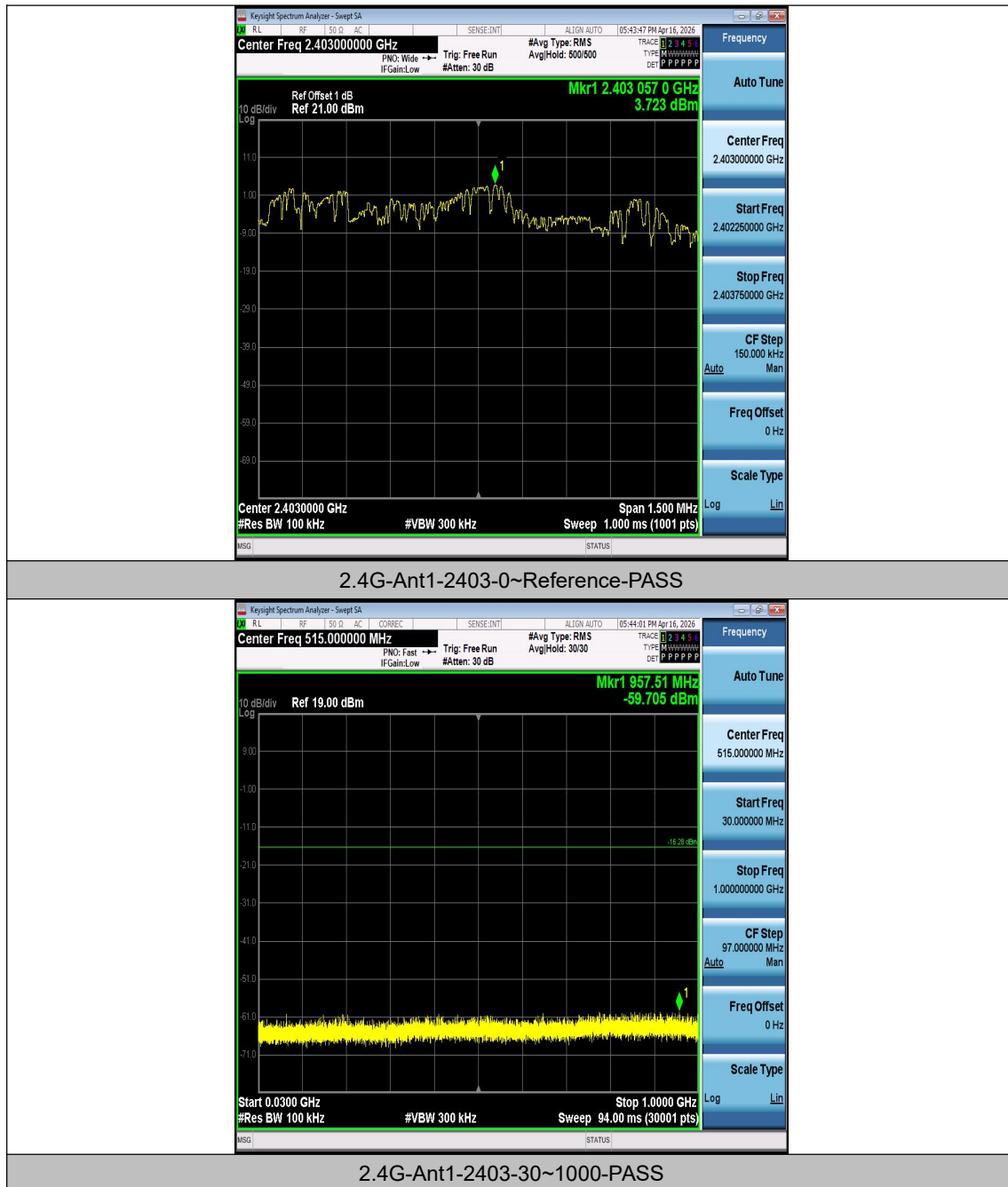
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	3.72	3.72	---	PASS
2.4G	Ant1	2403	30~1000	3.72	-59.71	≤-16.28	PASS
2.4G	Ant1	2403	1000~26500	3.72	-35.63	≤-16.28	PASS
2.4G	Ant1	2441	0~Reference	3.95	3.95	---	PASS
2.4G	Ant1	2441	30~1000	3.95	-58.53	≤-16.05	PASS
2.4G	Ant1	2441	1000~26500	3.95	-47.58	≤-16.05	PASS
2.4G	Ant1	2480	0~Reference	4.43	4.43	---	PASS
2.4G	Ant1	2480	30~1000	4.43	-59.26	≤-15.57	PASS
2.4G	Ant1	2480	1000~26500	4.43	-40.54	≤-15.57	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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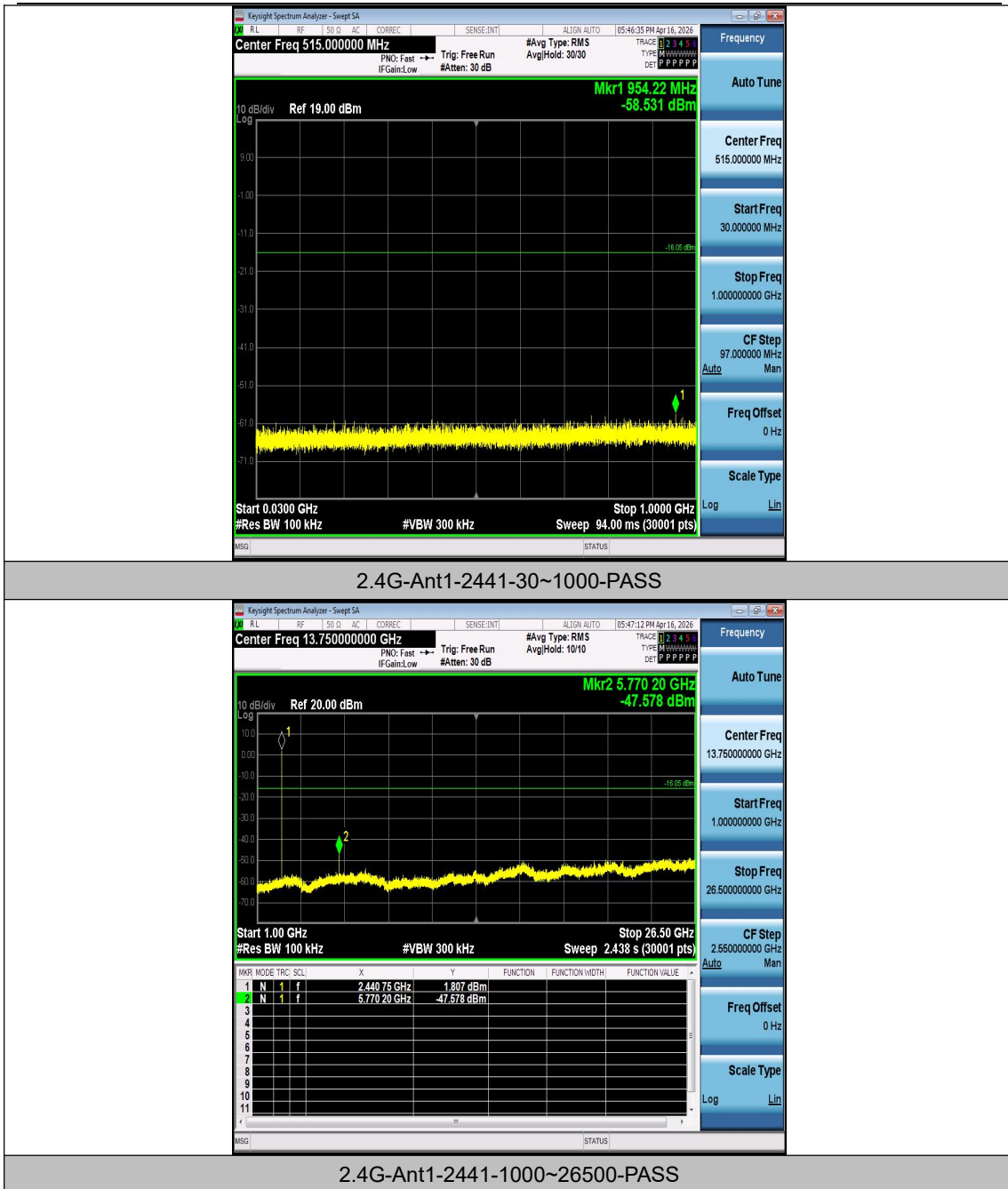
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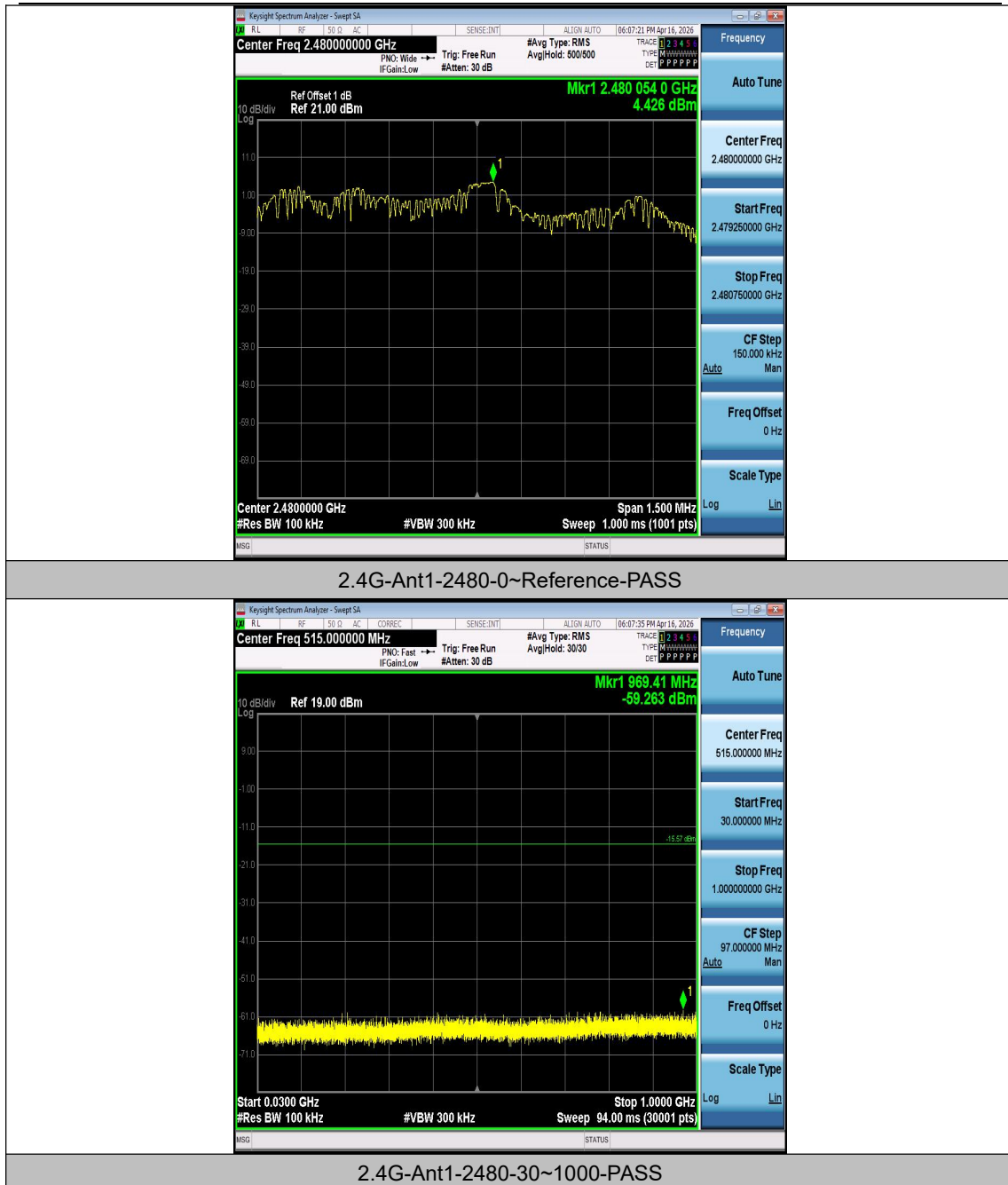
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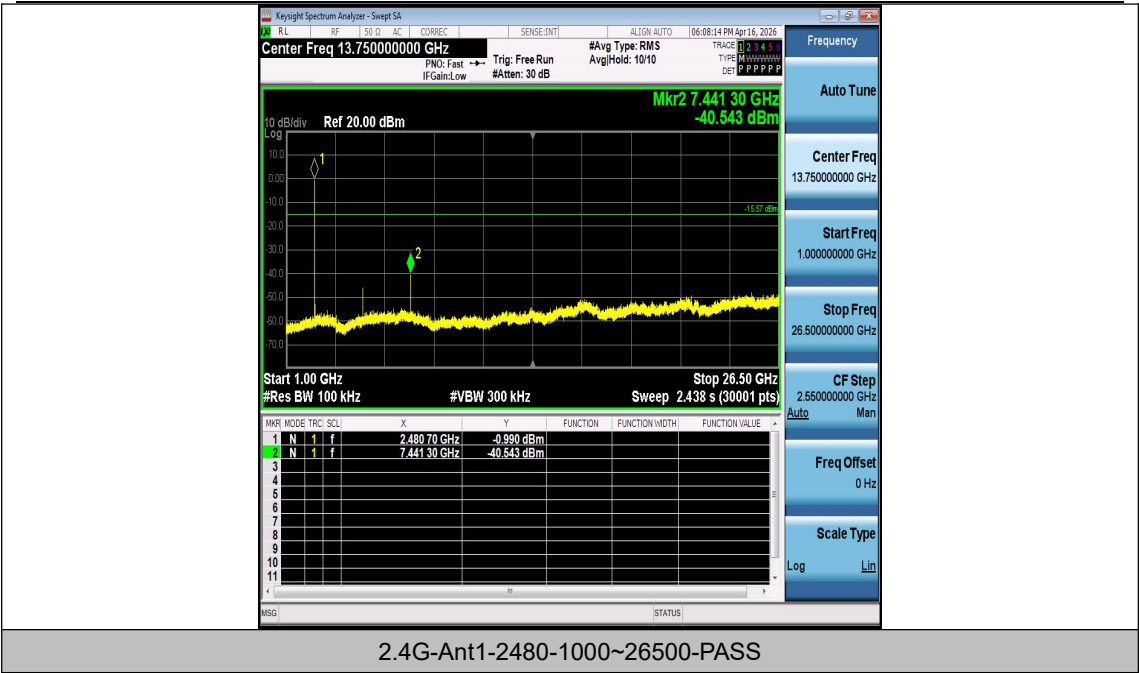
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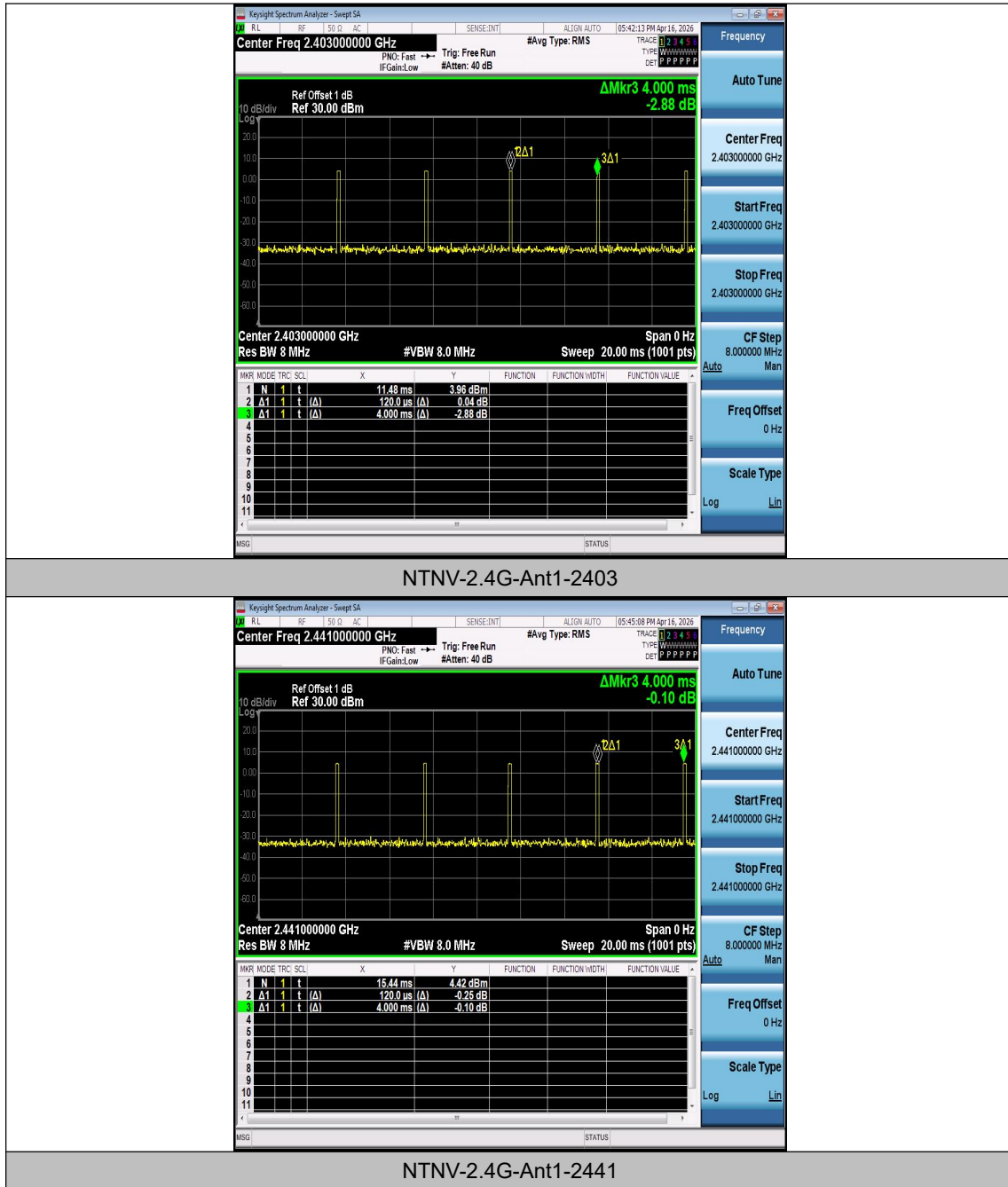
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	4.00	3.00	15.23
2.4G	Ant1	2441	0.12	4.00	3.00	15.23
2.4G	Ant1	2480	0.12	4.00	3.00	15.23

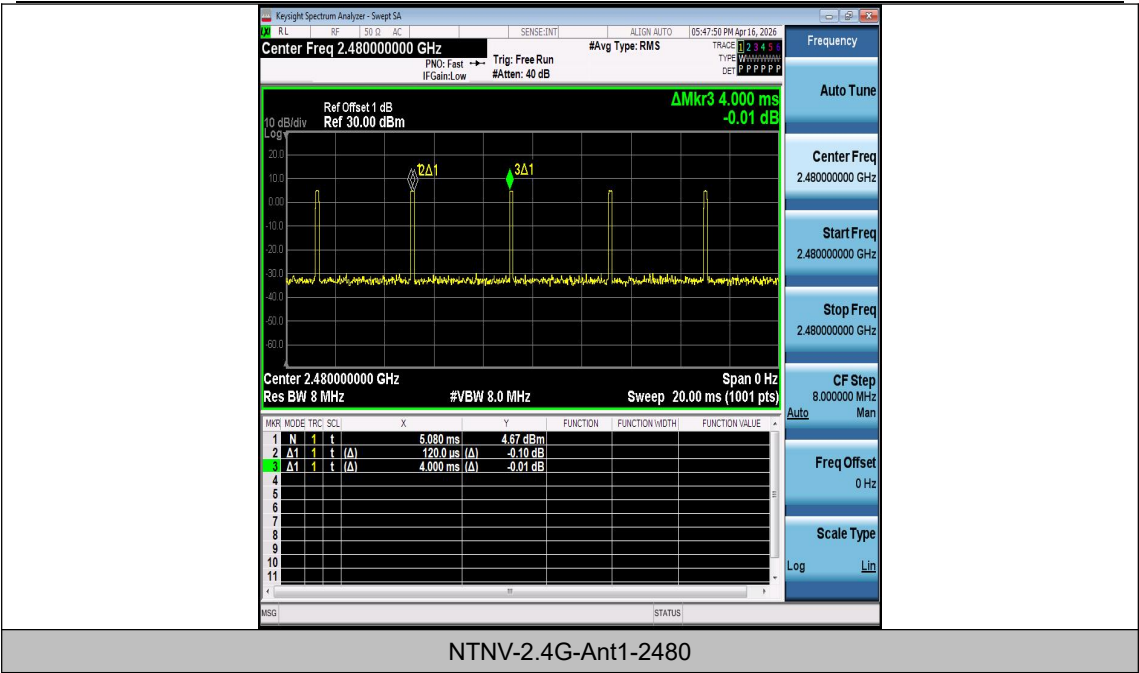
Test Graphs



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