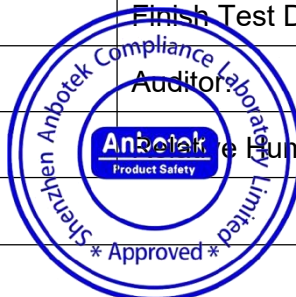


Appendix Test Data

Report No.:	1812C50532212501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-20	Finish Test Date:	2025-10-21
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	25°C	Relative Humidity:	45%
Pressure:	101kPa		

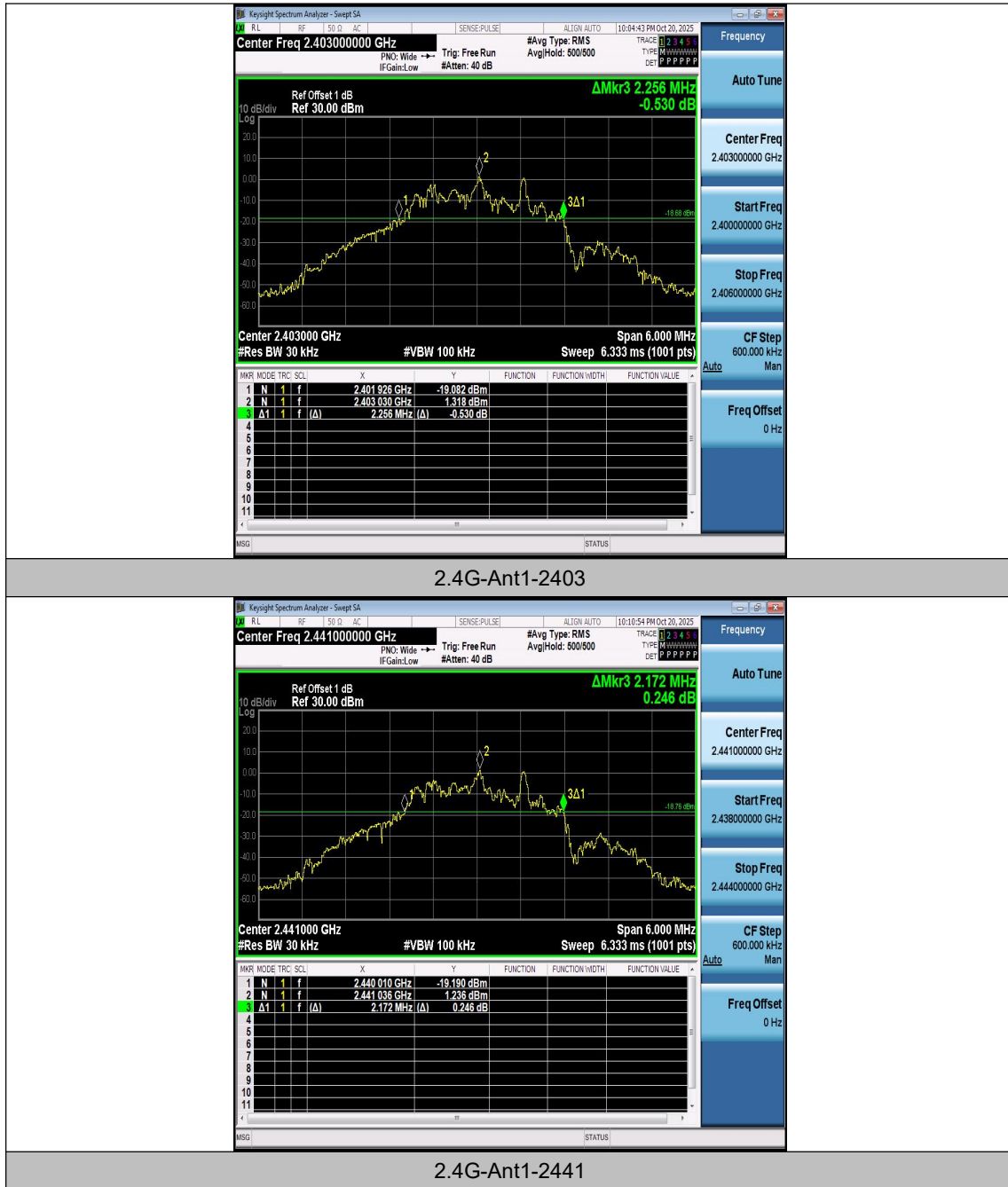


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.256	2401.926	2404.182	---	---
2.4G	Ant1	2441	2.172	2440.010	2442.182	---	---
2.4G	Ant1	2480	2.280	2478.896	2481.176	---	---

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	2.2417	2401.8687	2404.1104	---	---
2.4G	Ant1	2441	2.2180	2439.8873	2442.1053	---	---
2.4G	Ant1	2480	2.2067	2478.8851	2481.0918	---	---

Test Graphs



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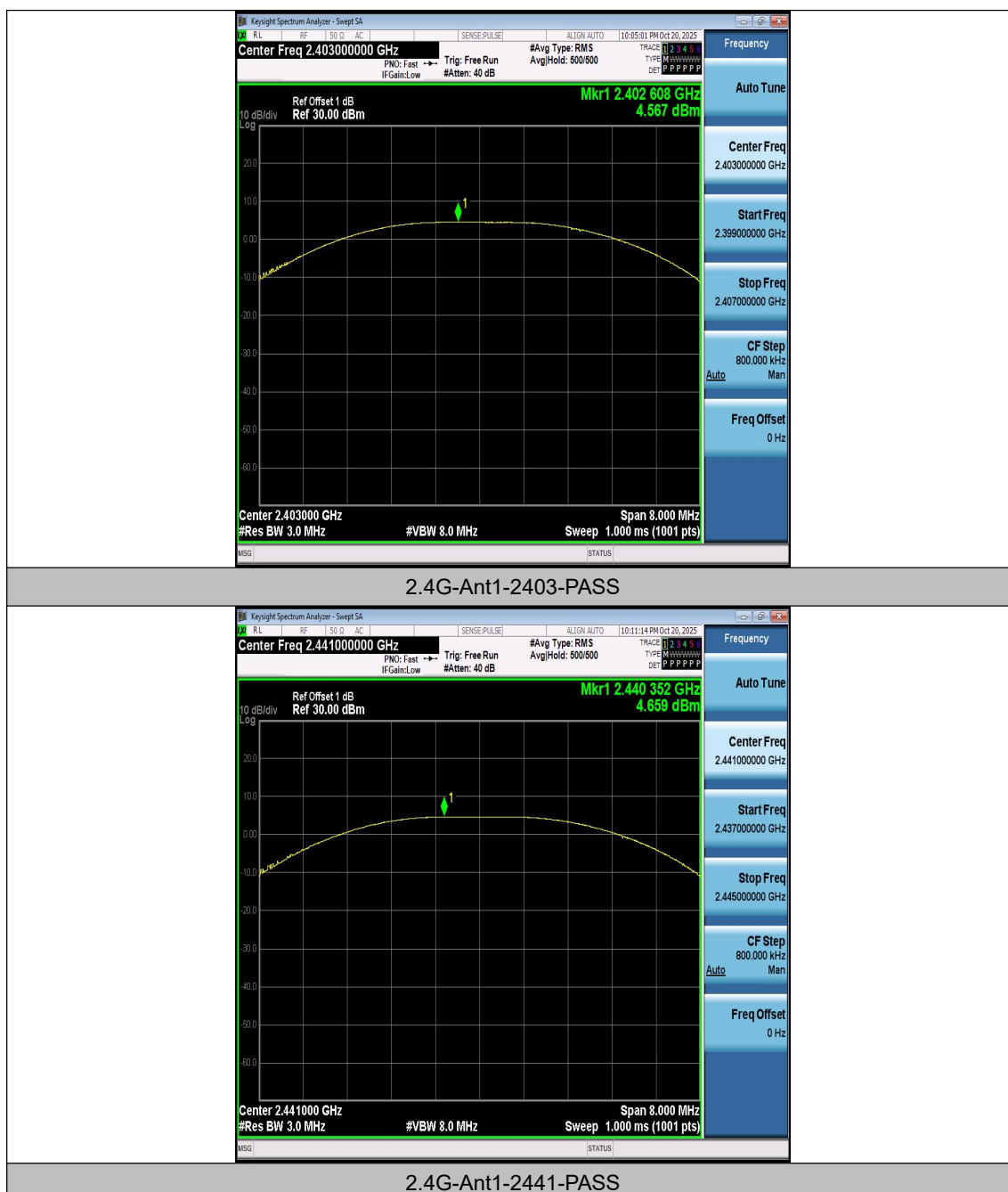
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	4.57	≤30	PASS
2.4G	Ant1	2441	4.66	≤30	PASS
2.4G	Ant1	2480	4.79	≤30	PASS

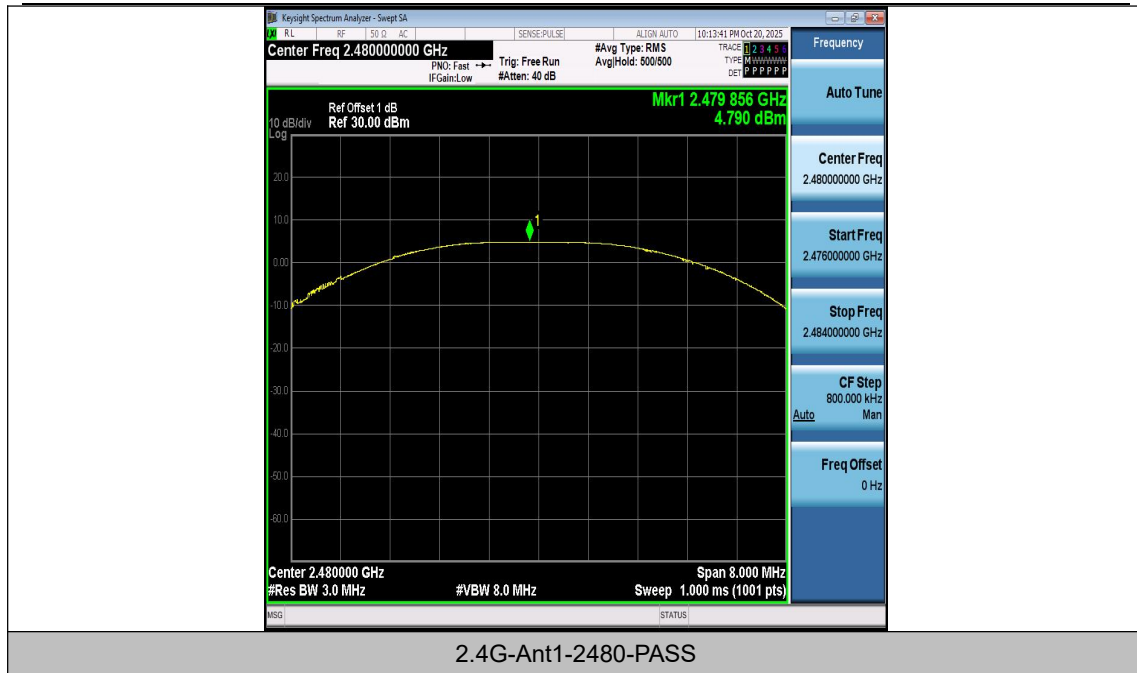
Test Graphs



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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	1.970	>0.6	PASS

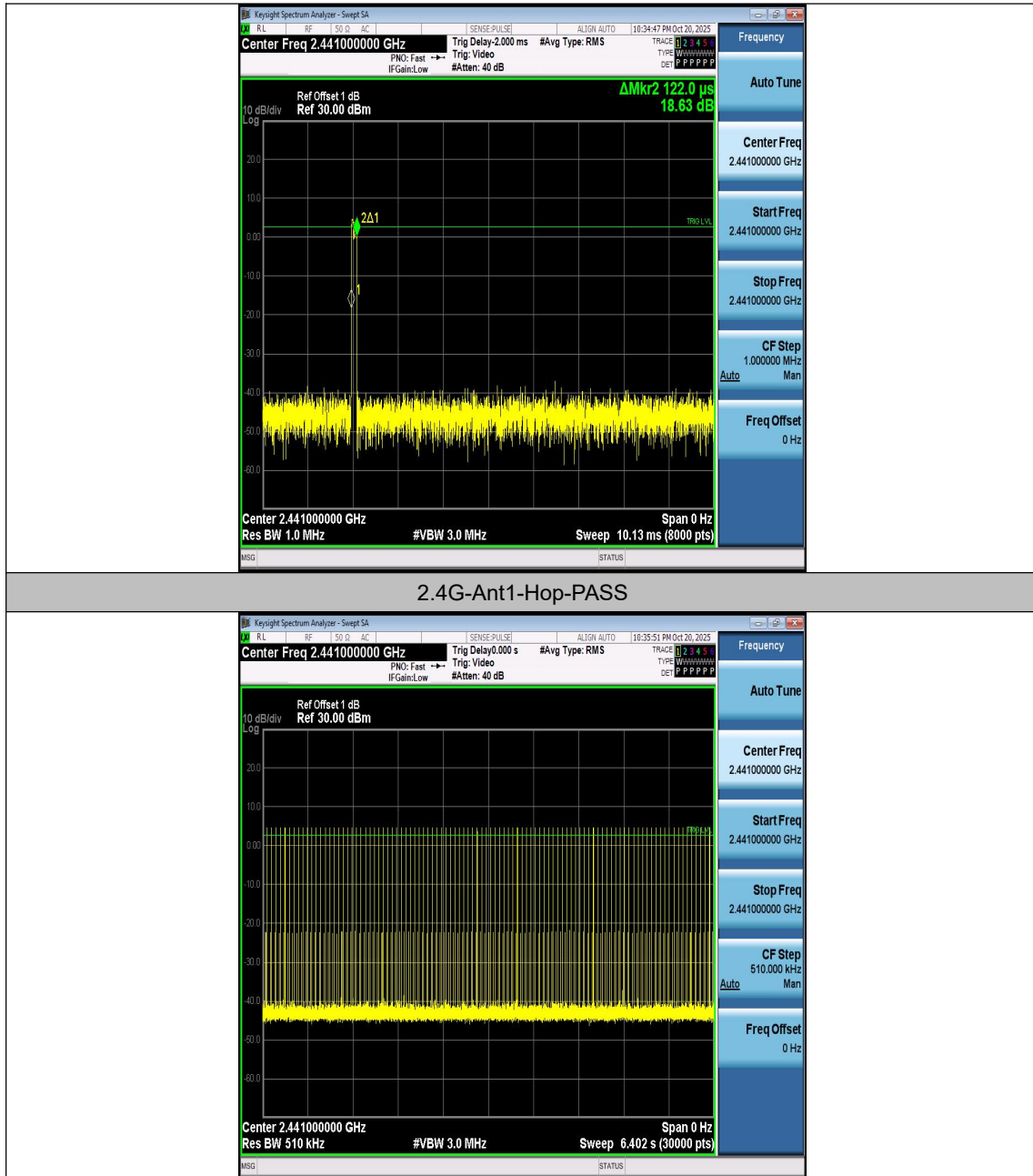
Note: Only record the worst data in the report.

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	101	0.012	≤0.4	PASS

Test Graphs



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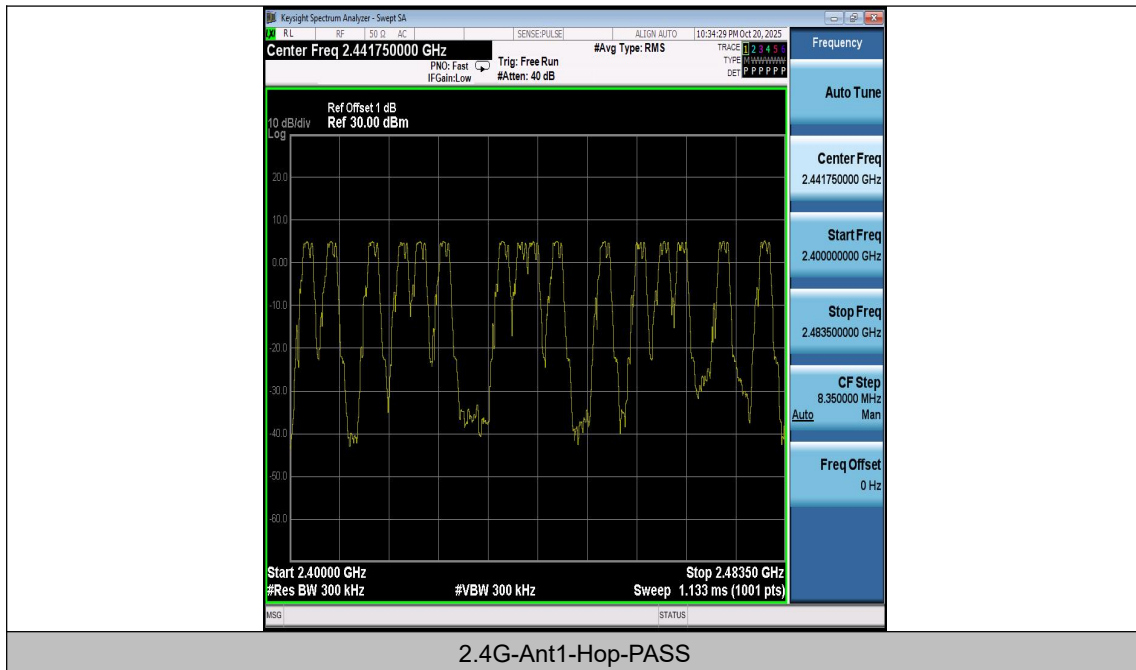
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Appendix F: Number of Hopping Channel

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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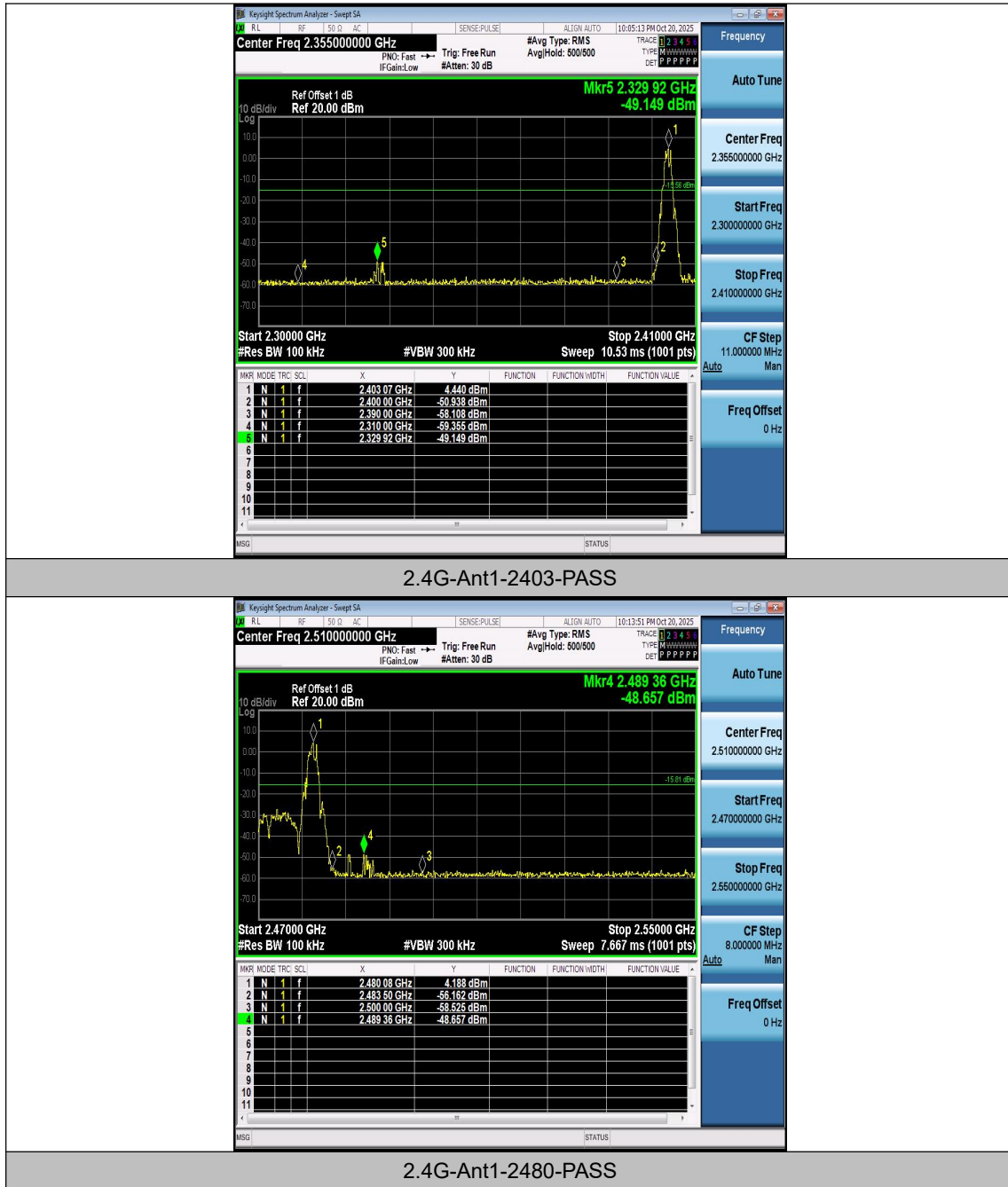
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	4.44	-49.15	≤-15.56	PASS
2.4G	Ant1	High	2480	4.19	-48.66	≤-15.81	PASS
2.4G	Ant1	Low	Hop	4.43	-47.23	≤-15.57	PASS
2.4G	Ant1	High	Hop	4.94	-43.23	≤-15.06	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

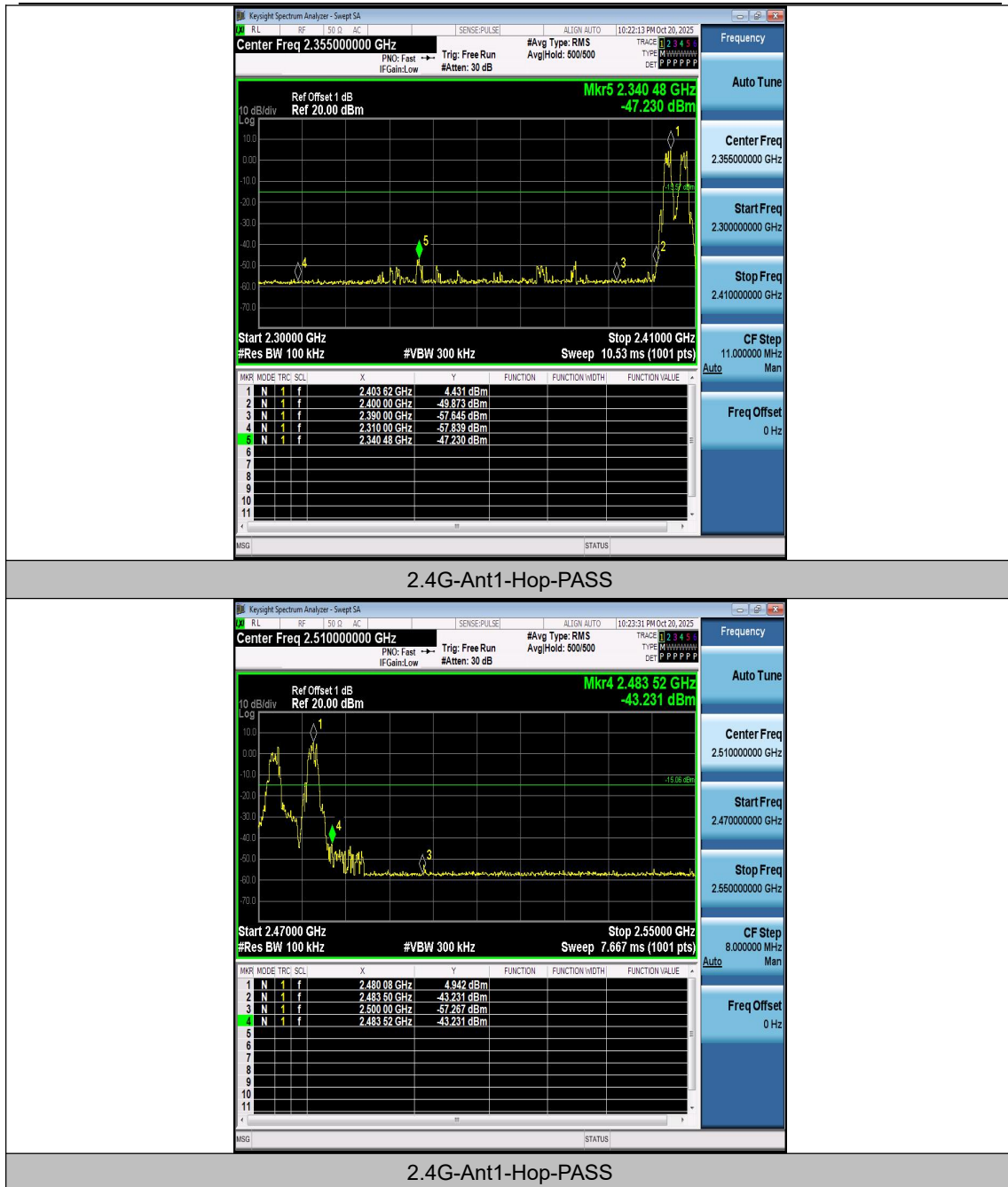
Test Graphs



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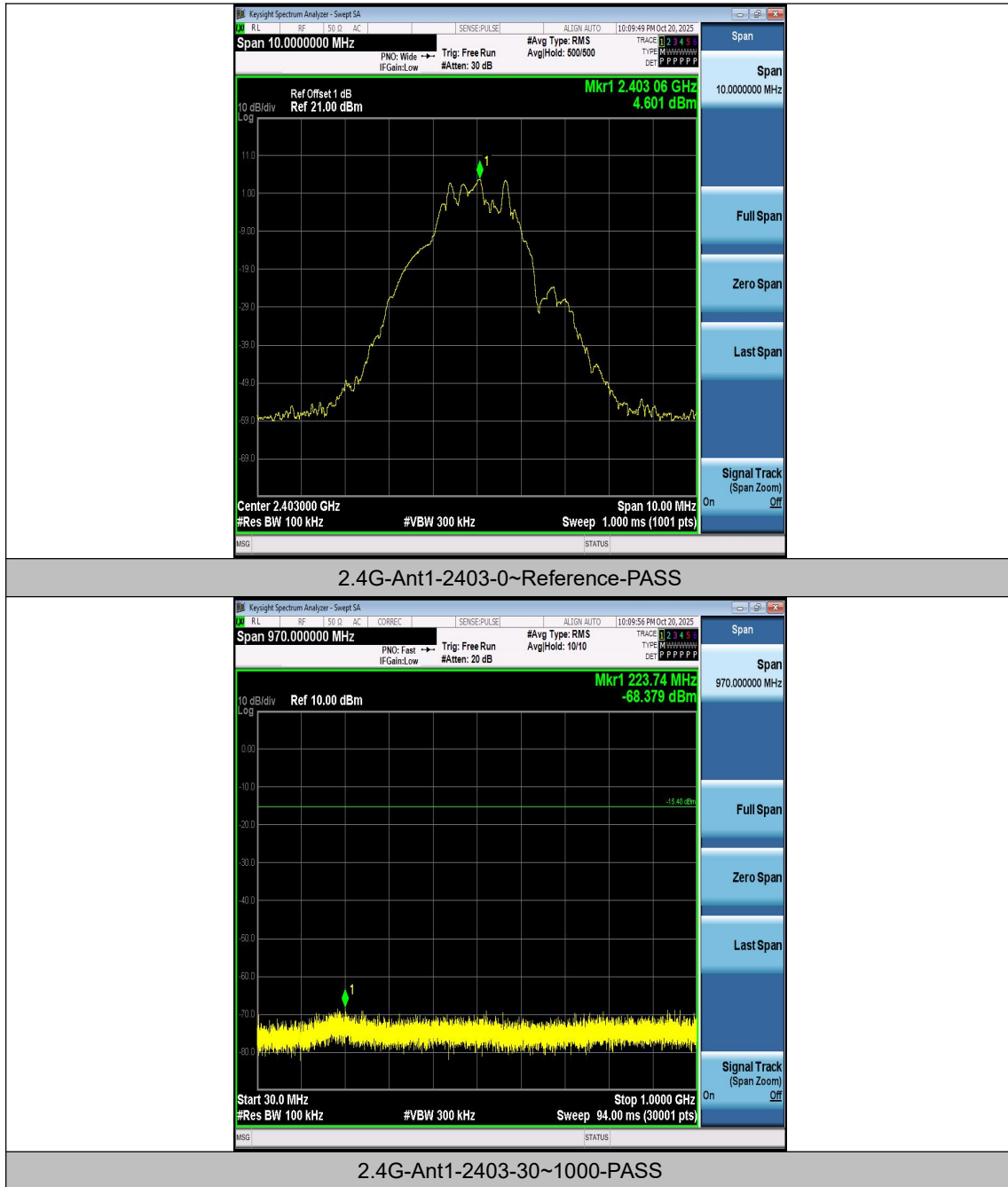
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	4.60	4.60	---	PASS
2.4G	Ant1	2403	30~1000	4.60	-68.38	≤-15.4	PASS
2.4G	Ant1	2403	1000~26500	4.60	-43.84	≤-15.4	PASS
2.4G	Ant1	2441	0~Reference	4.73	4.73	---	PASS
2.4G	Ant1	2441	30~1000	4.73	-68.47	≤-15.27	PASS
2.4G	Ant1	2441	1000~26500	4.73	-44.95	≤-15.27	PASS
2.4G	Ant1	2480	0~Reference	4.86	4.86	---	PASS
2.4G	Ant1	2480	30~1000	4.86	-67.58	≤-15.14	PASS
2.4G	Ant1	2480	1000~26500	4.86	-53.44	≤-15.14	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



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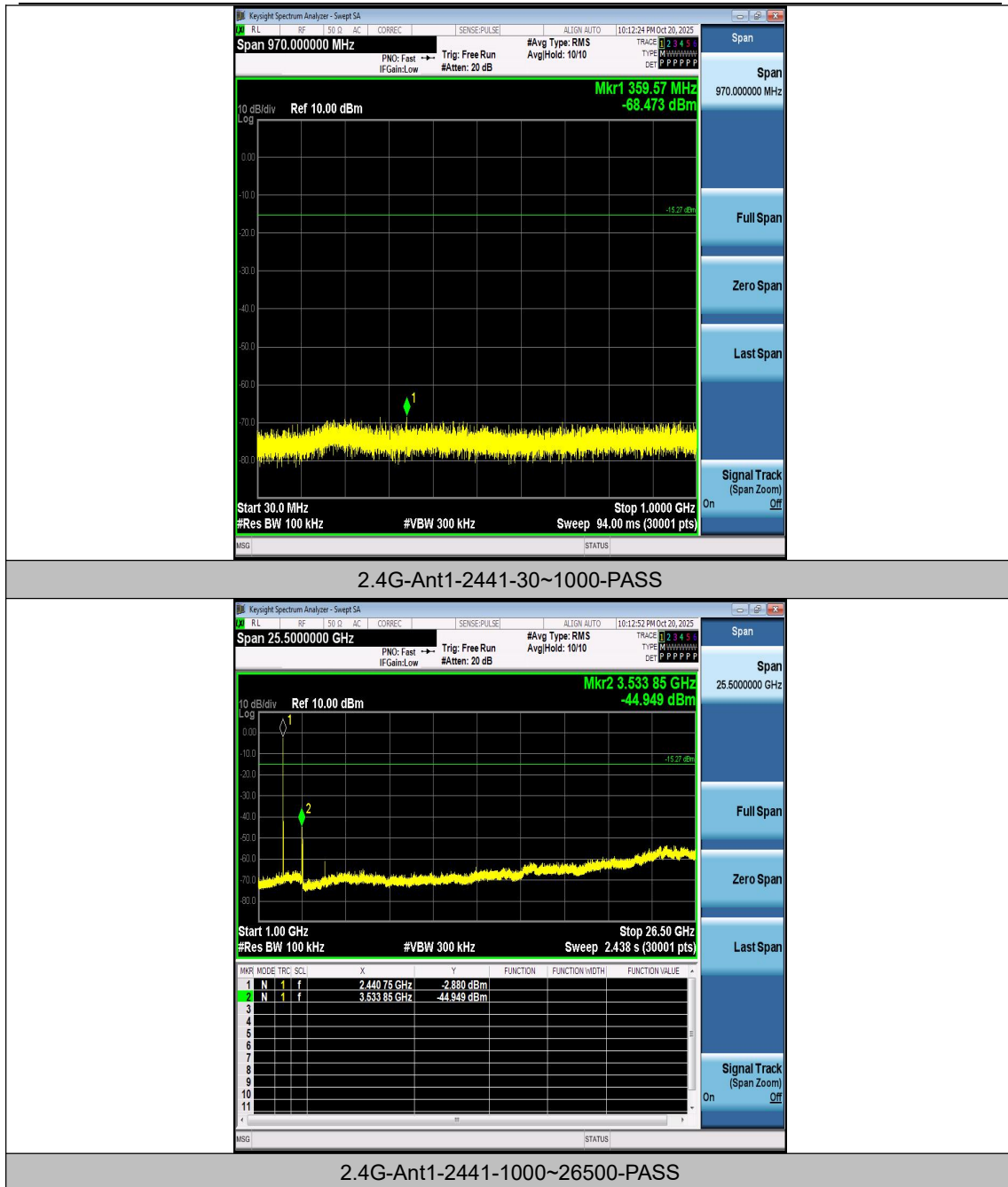
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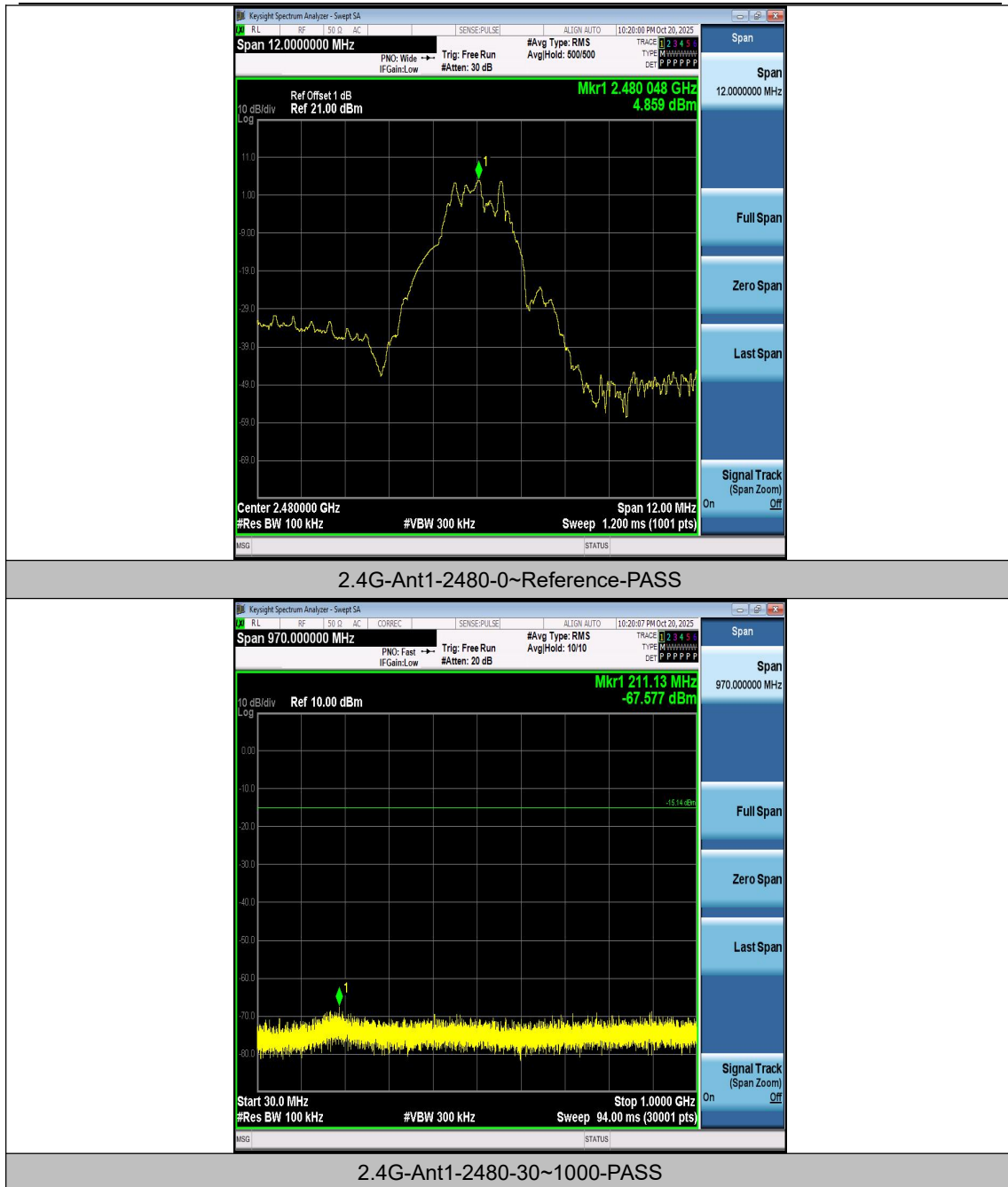
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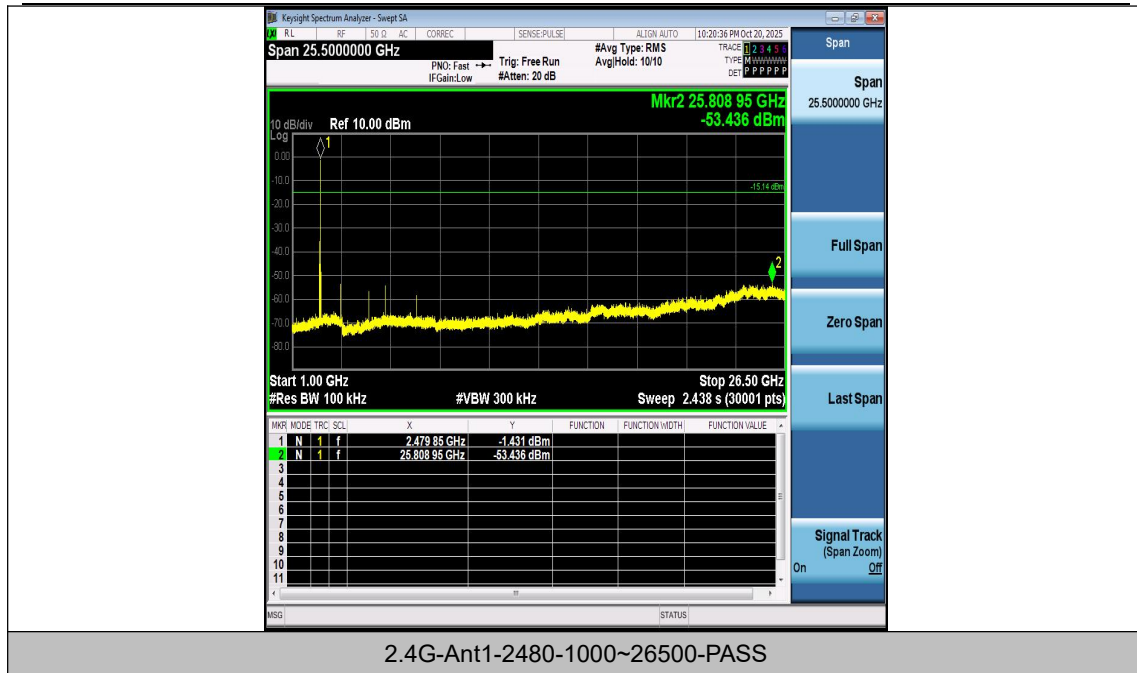
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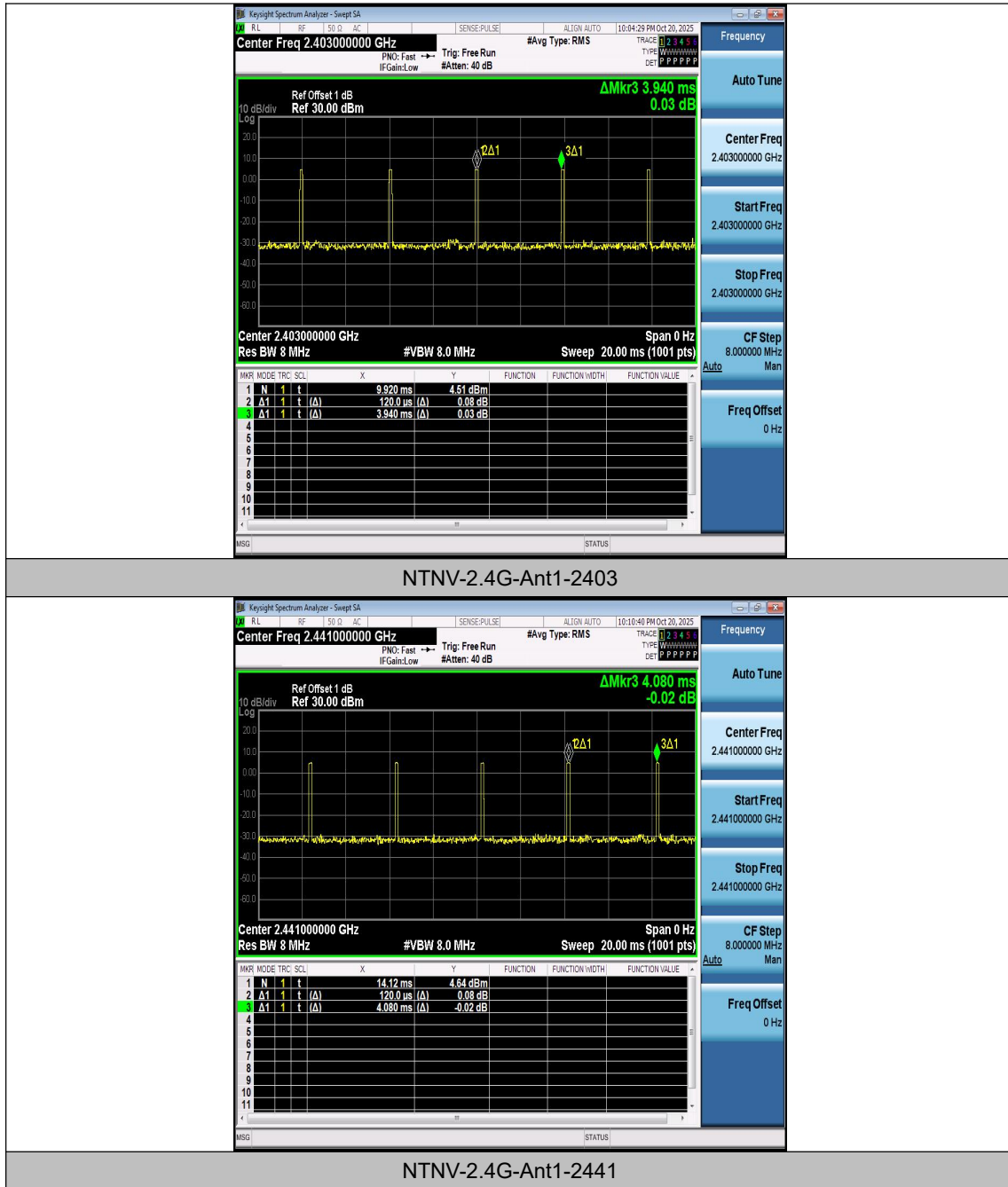
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	3.94	3.05	15.16
2.4G	Ant1	2441	0.12	4.08	2.94	15.32
2.4G	Ant1	2480	0.12	3.94	3.05	15.16

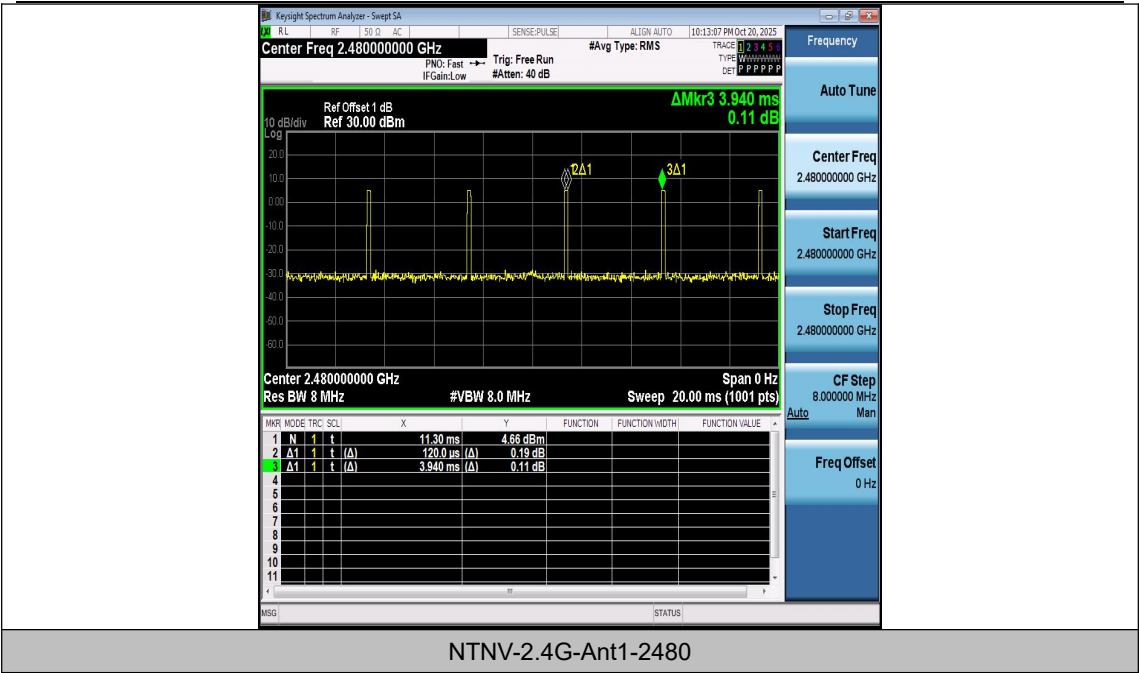
Test Graphs



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NTNV-2.4G-Ant1-2480

---End---