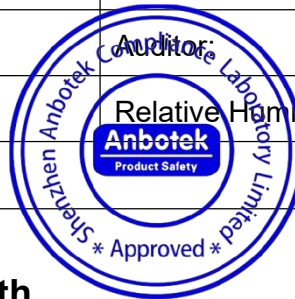


Appendix Test Data

Report No.:	1812C50528512502-01	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:	26.7°C	Relative Humidity:	60%
Pressure:	101kPa		

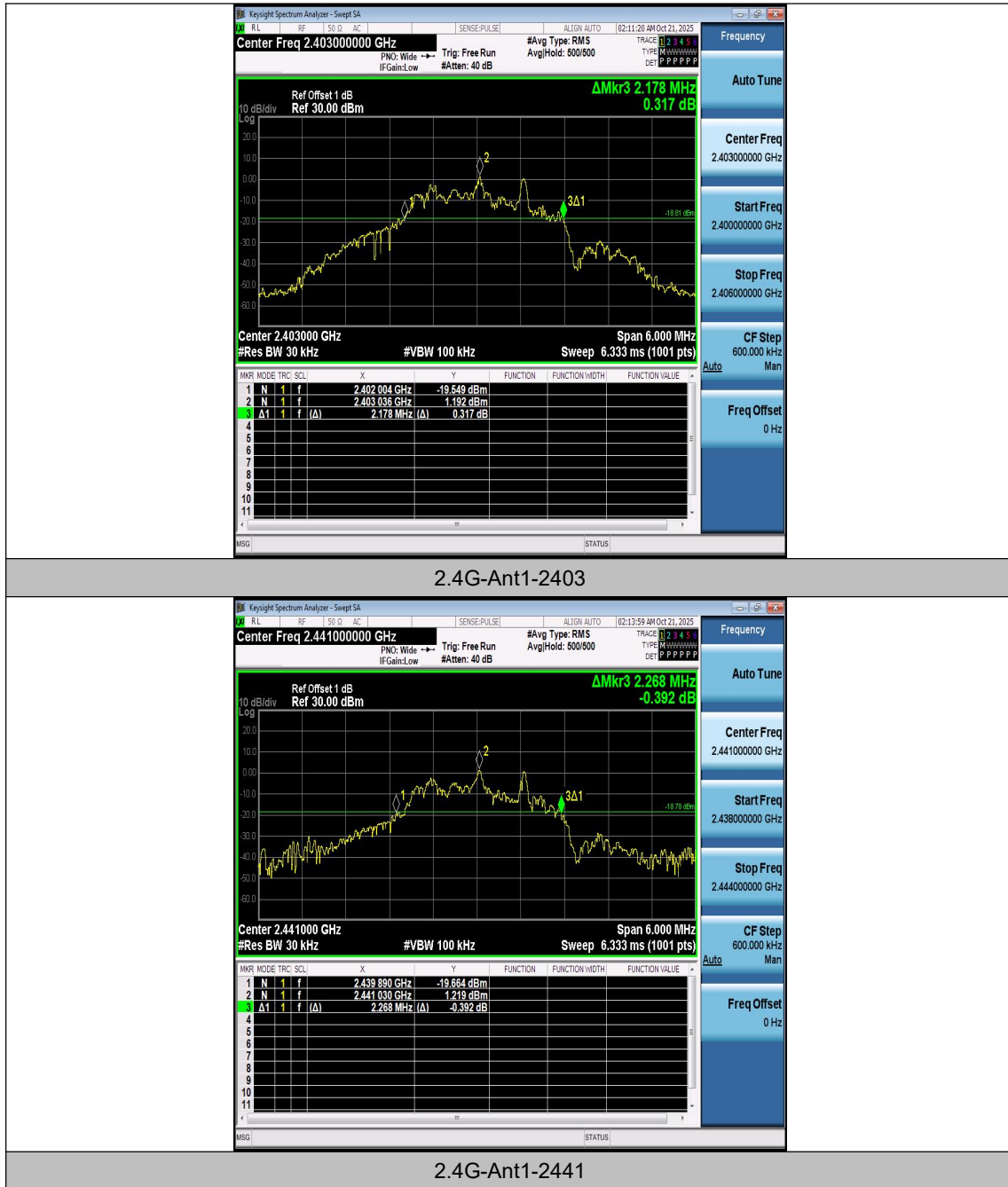


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.178	2402.004	2404.182	---	---
2.4G	Ant1	2441	2.268	2439.890	2442.158	---	---
2.4G	Ant1	2480	2.178	2478.998	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	2.2178	2401.8829	2404.1007	---	---
2.4G	Ant1	2441	2.2297	2439.8825	2442.1122	---	---
2.4G	Ant1	2480	2.2461	2478.8678	2481.1139	---	---

Test Graphs



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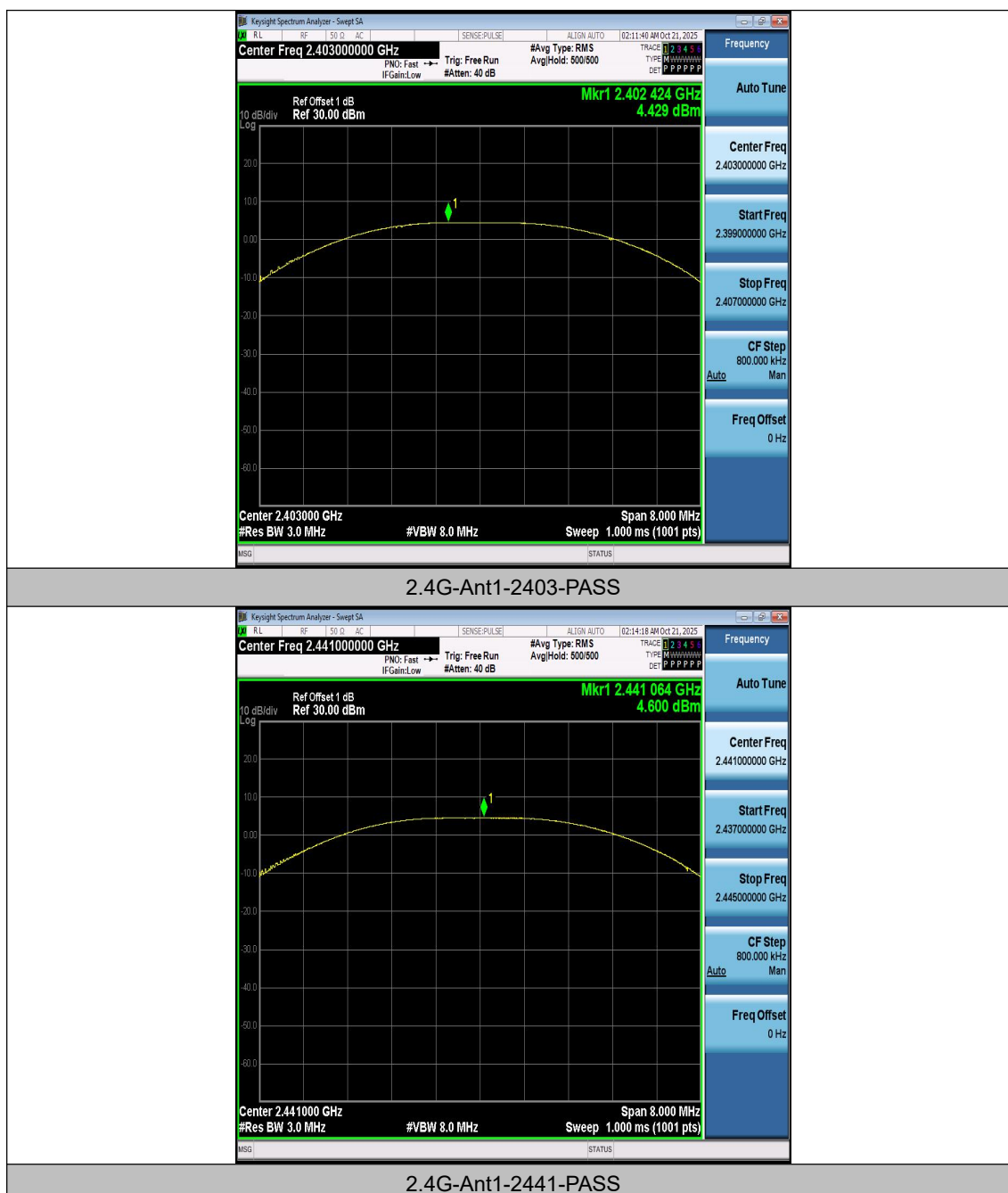
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	4.43	≤20.97	PASS
2.4G	Ant1	2441	4.60	≤20.97	PASS
2.4G	Ant1	2480	4.75	≤20.97	PASS

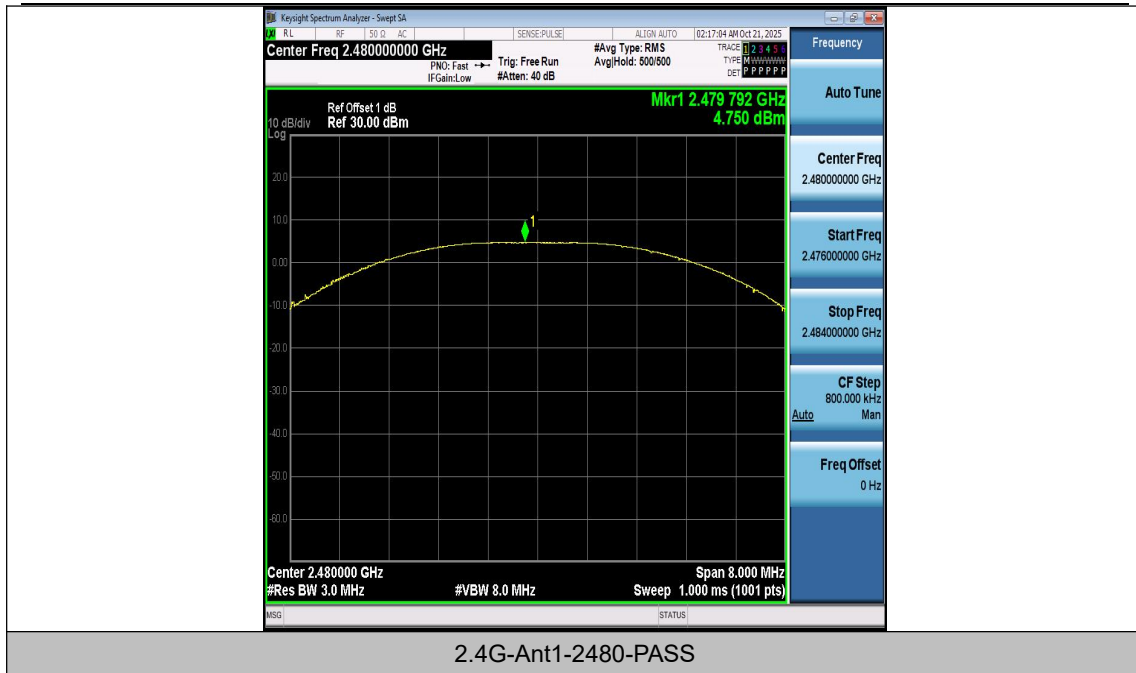
Test Graphs



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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	2.016	≥ 1.512	PASS

Test Graphs



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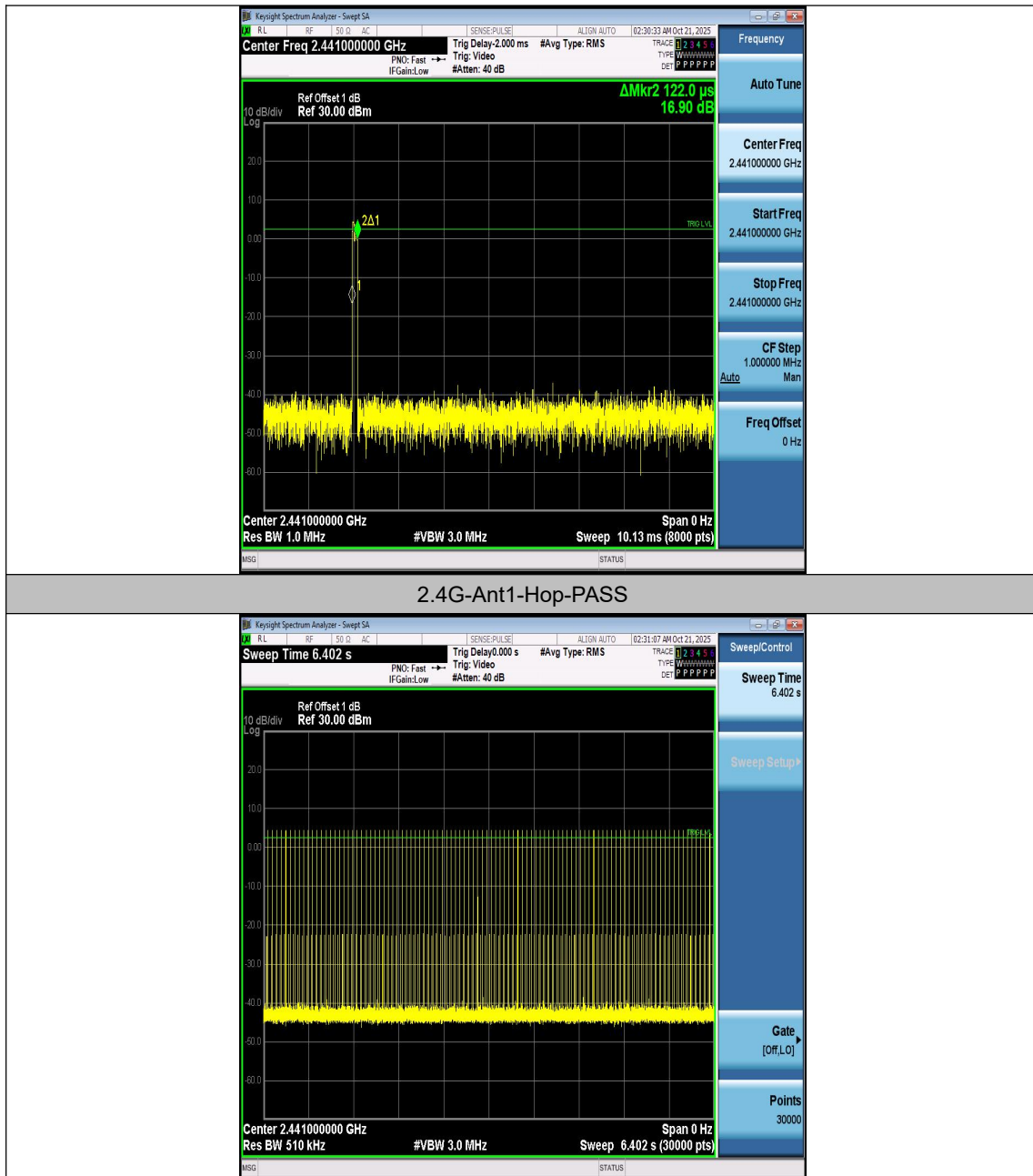
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.122	101	0.012	≤0.4	PASS

Test Graphs



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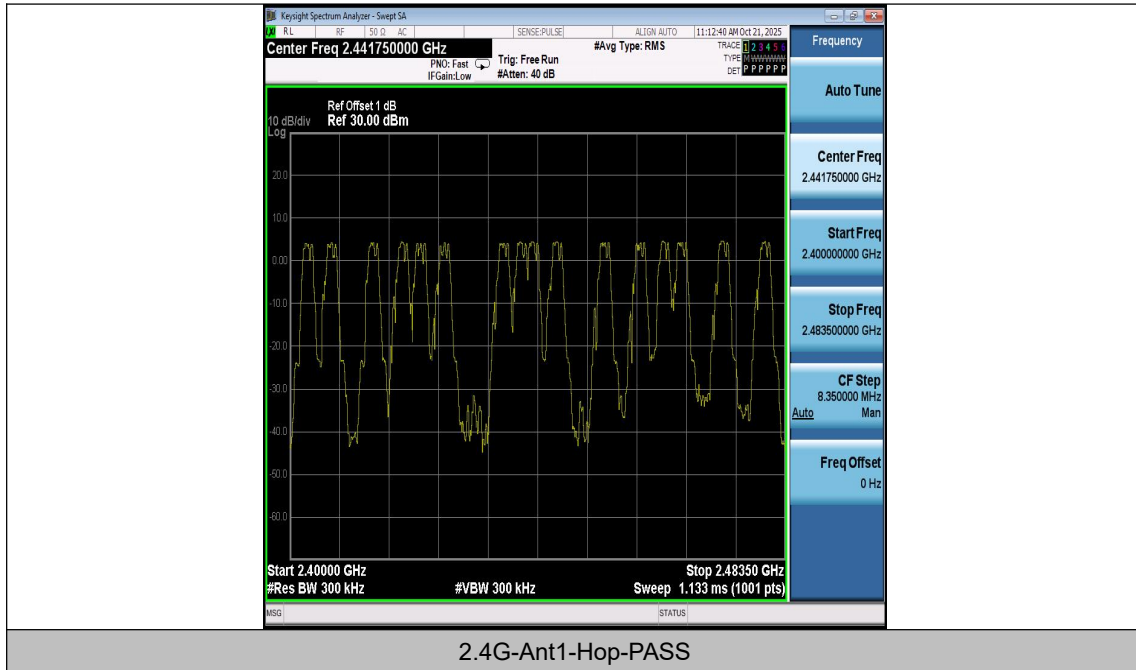
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Appendix F: Number of Hopping Channel

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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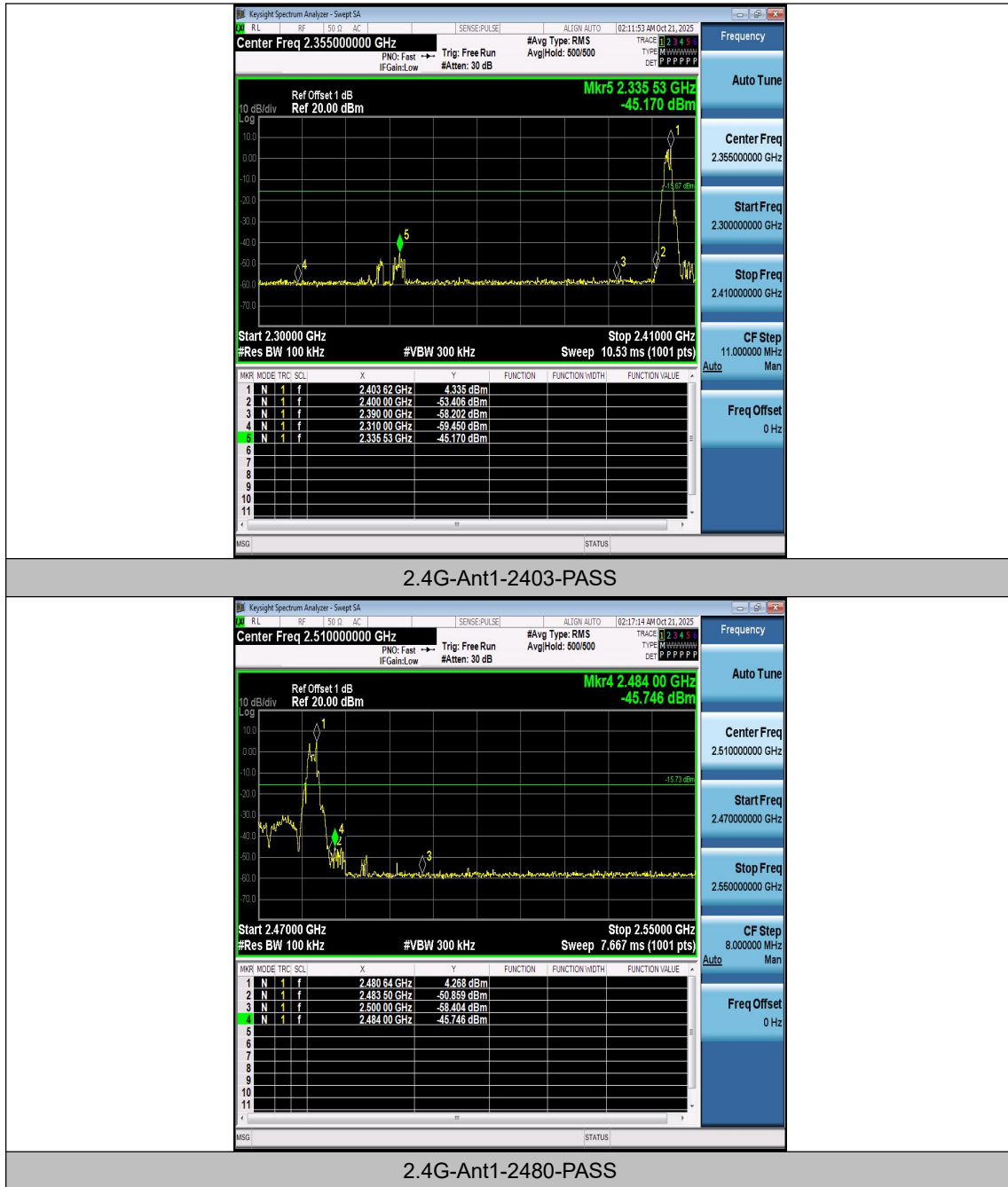
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	4.34	-45.17	≤-15.67	PASS
2.4G	Ant1	High	2480	4.27	-45.75	≤-15.73	PASS
2.4G	Ant1	Low	Hop	3.16	-46.38	≤-16.84	PASS
2.4G	Ant1	High	Hop	4.47	-53.26	≤-15.53	PASS

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

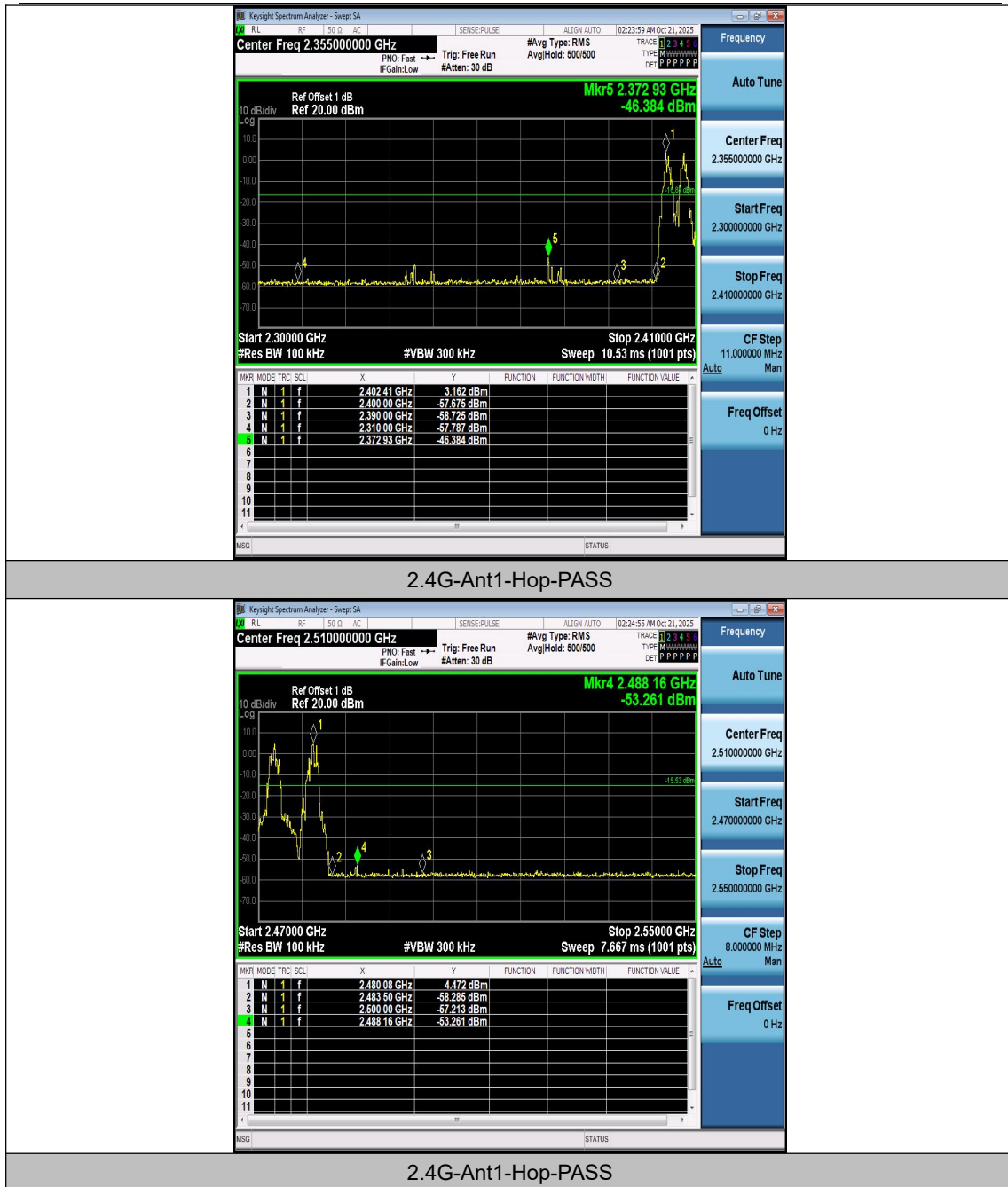
Test Graphs



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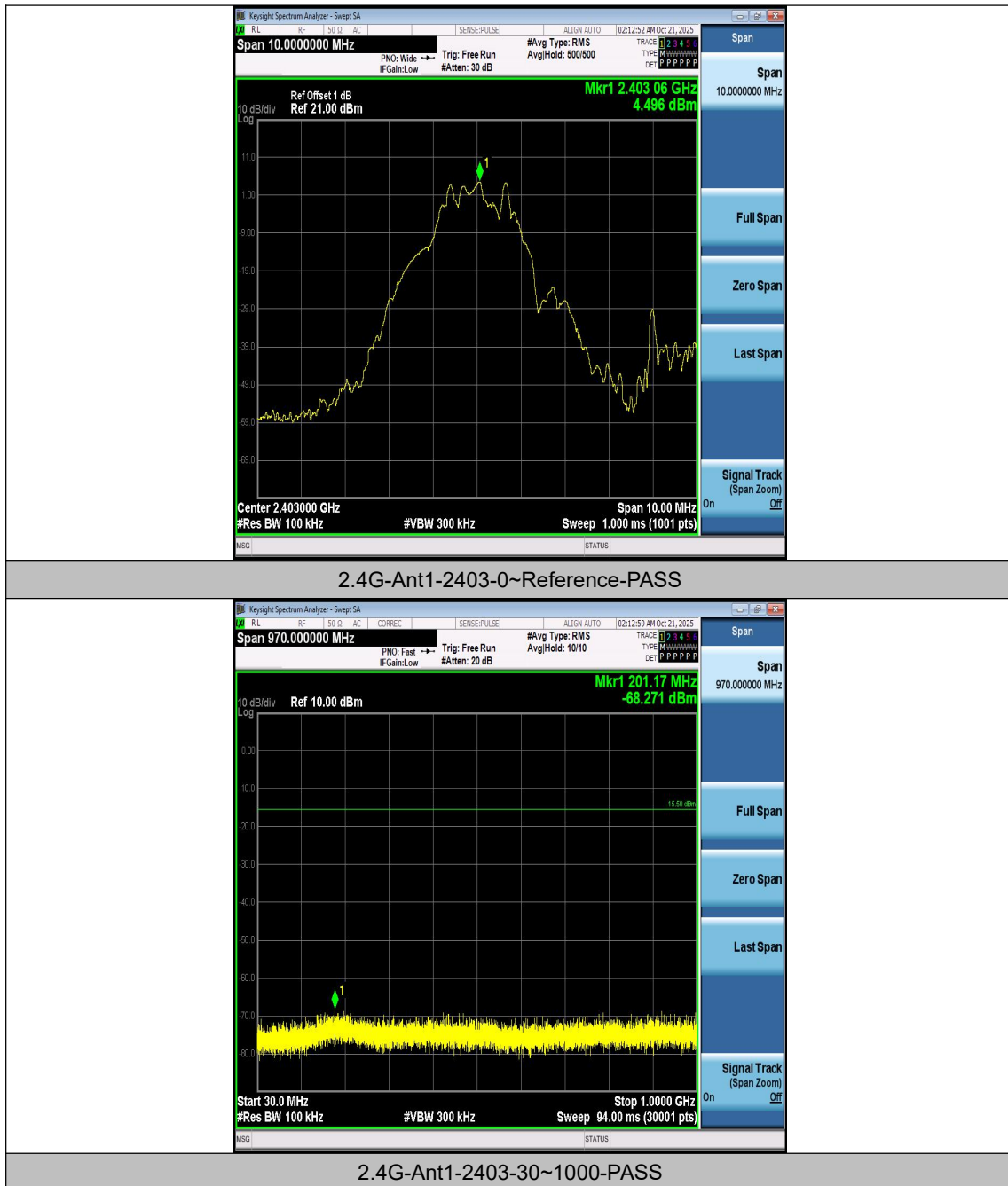
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	4.50	4.50	---	PASS
2.4G	Ant1	2403	30~1000	4.50	-68.27	≤-15.5	PASS
2.4G	Ant1	2403	1000~26500	4.50	-25.23	≤-15.5	PASS
2.4G	Ant1	2441	0~Reference	4.65	4.65	---	PASS
2.4G	Ant1	2441	30~1000	4.65	-68.61	≤-15.35	PASS
2.4G	Ant1	2441	1000~26500	4.65	-25.11	≤-15.35	PASS
2.4G	Ant1	2480	0~Reference	4.90	4.90	---	PASS
2.4G	Ant1	2480	30~1000	4.90	-68.33	≤-15.1	PASS
2.4G	Ant1	2480	1000~26500	4.90	-28.92	≤-15.1	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.

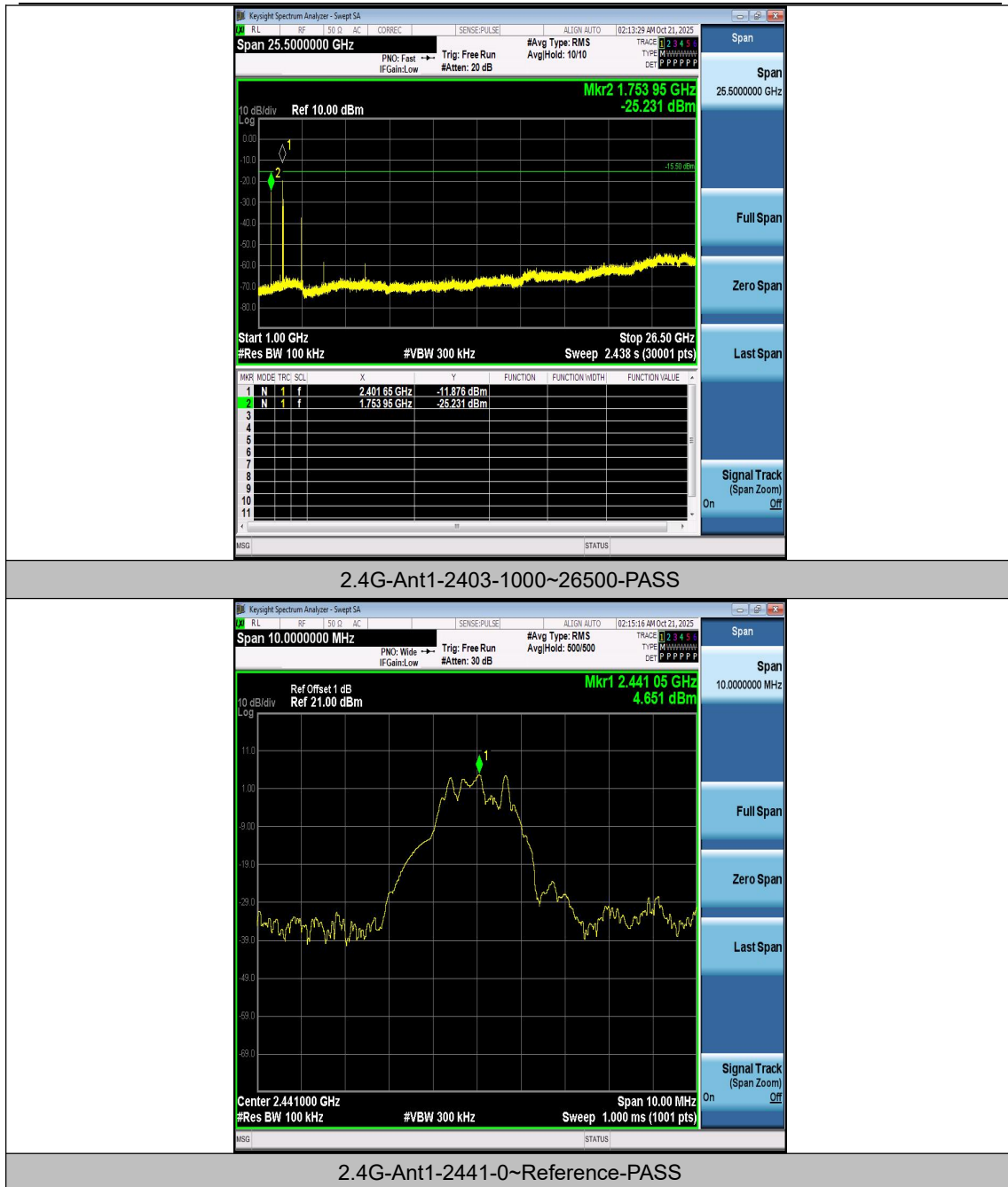
Test Graphs



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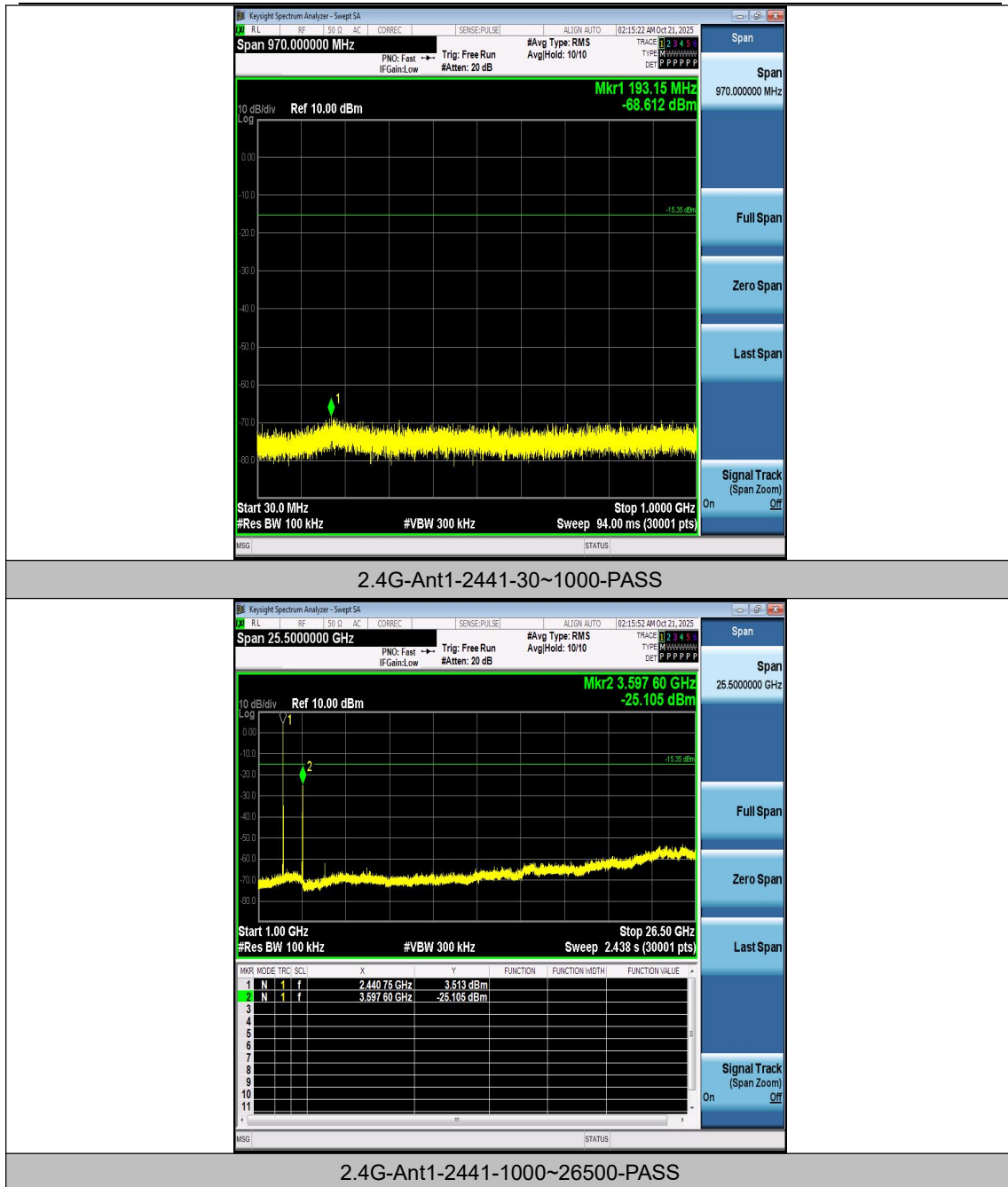
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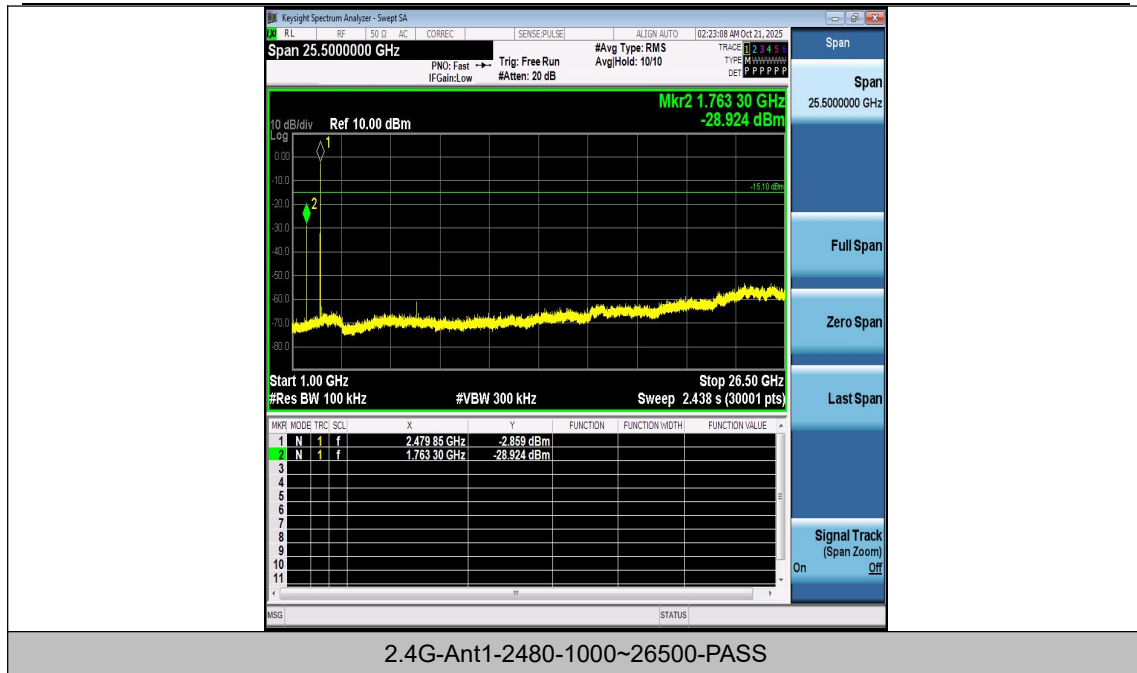
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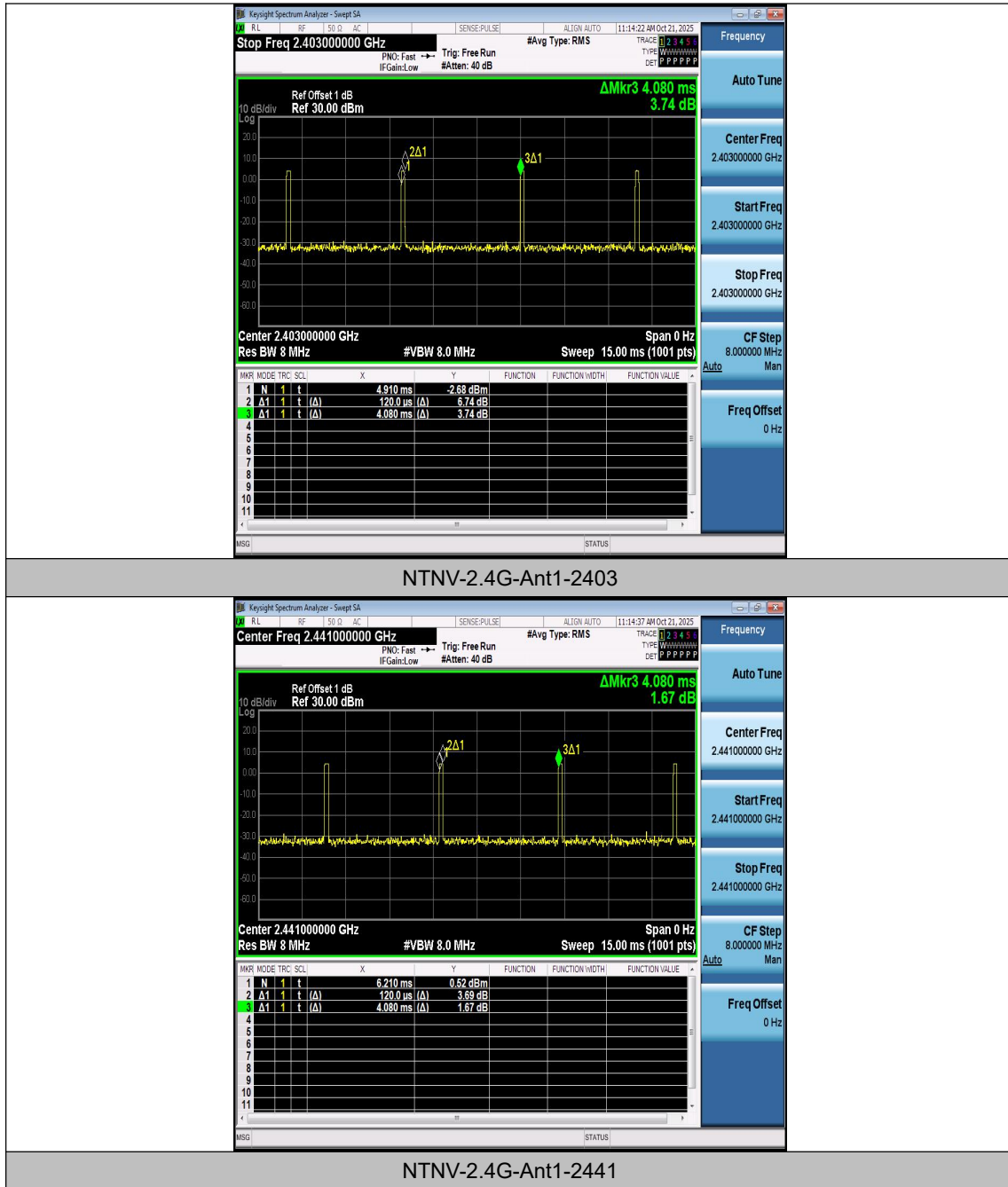
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	4.08	2.94	15.32
2.4G	Ant1	2441	0.12	4.08	2.94	15.32
2.4G	Ant1	2480	0.12	3.93	3.05	15.16

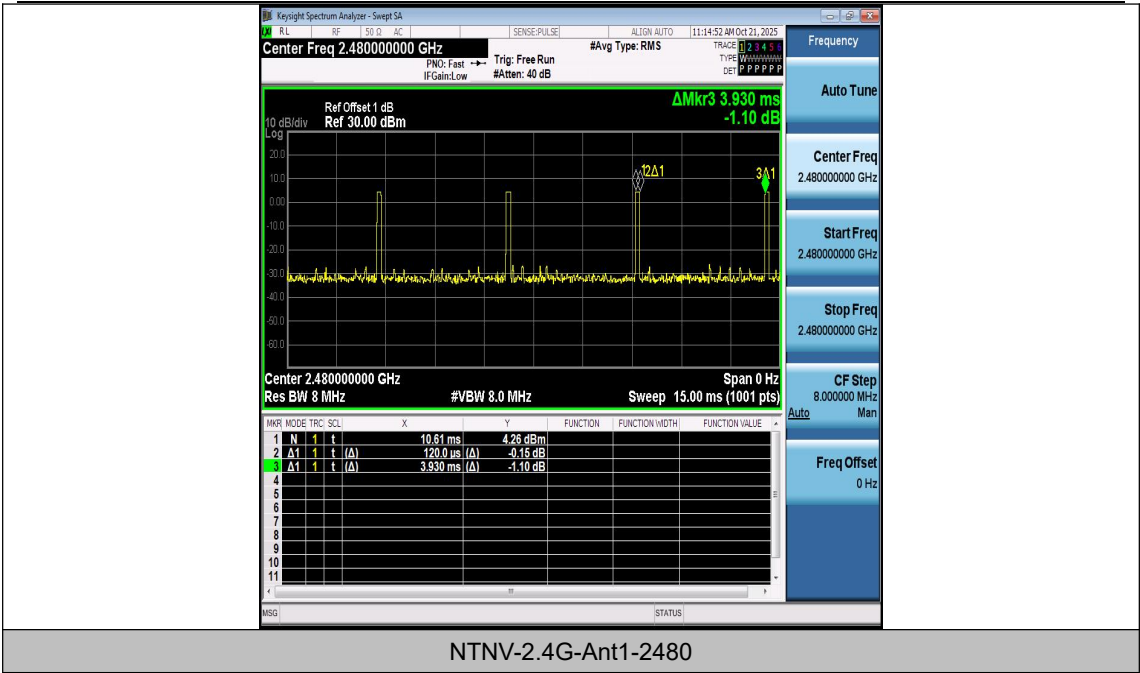
Test Graphs



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---End---