

Appendix Test Data

Report No.:	1812C60058512502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-21	Finish Test Date:	2026-1-27
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	21.2°C	Relative Humidity:	45%
Pressure:	101kPa		

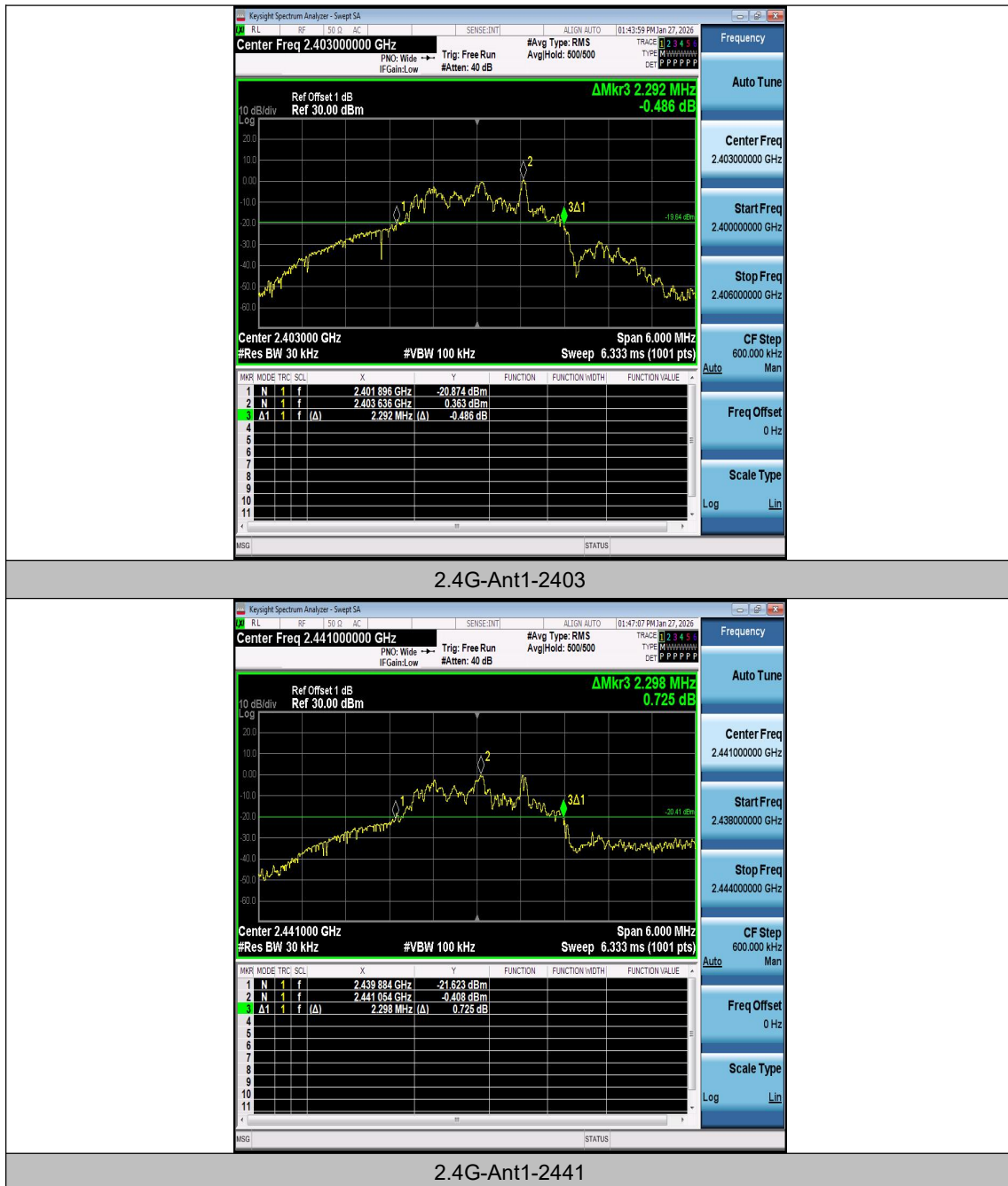


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.292	2401.896	2404.188	---	---
2.4G	Ant1	2441	2.298	2439.884	2442.182	---	---
2.4G	Ant1	2480	2.370	2478.830	2481.200	---	---

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	2.4198	2401.6994	2404.1192	---	---
2.4G	Ant1	2441	2.4777	2439.6767	2442.1544	---	---
2.4G	Ant1	2480	2.3759	2478.7352	2481.1111	---	---

Test Graphs



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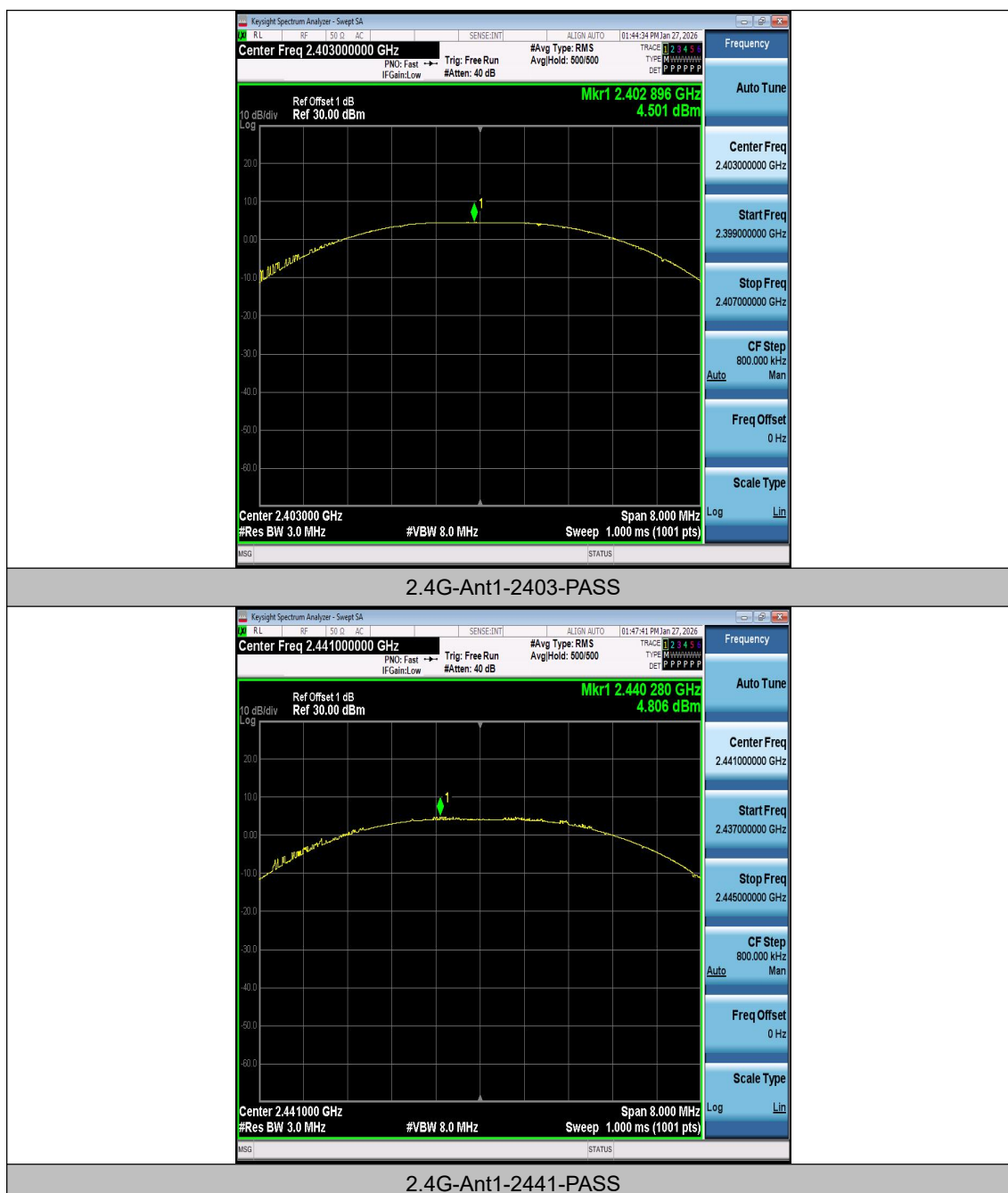
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	4.50	≤30	PASS
2.4G	Ant1	2441	4.81	≤30	PASS
2.4G	Ant1	2480	3.58	≤30	PASS

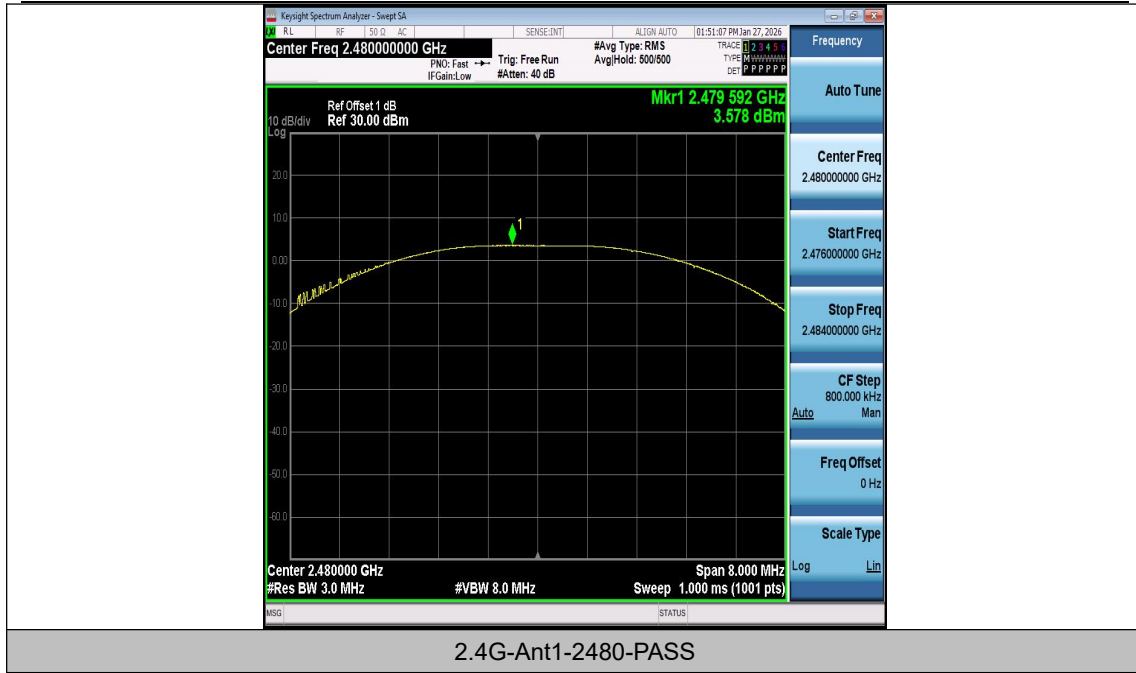
Test Graphs



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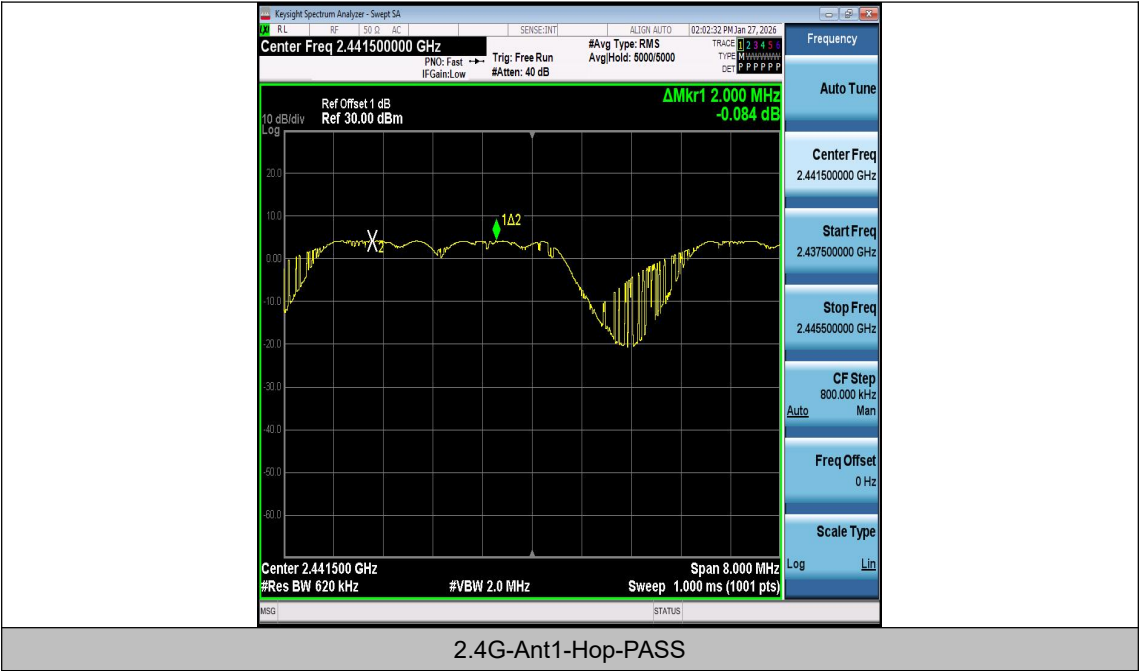
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	ANT1	Hop	2.000	>1.58	PASS

Test Graphs



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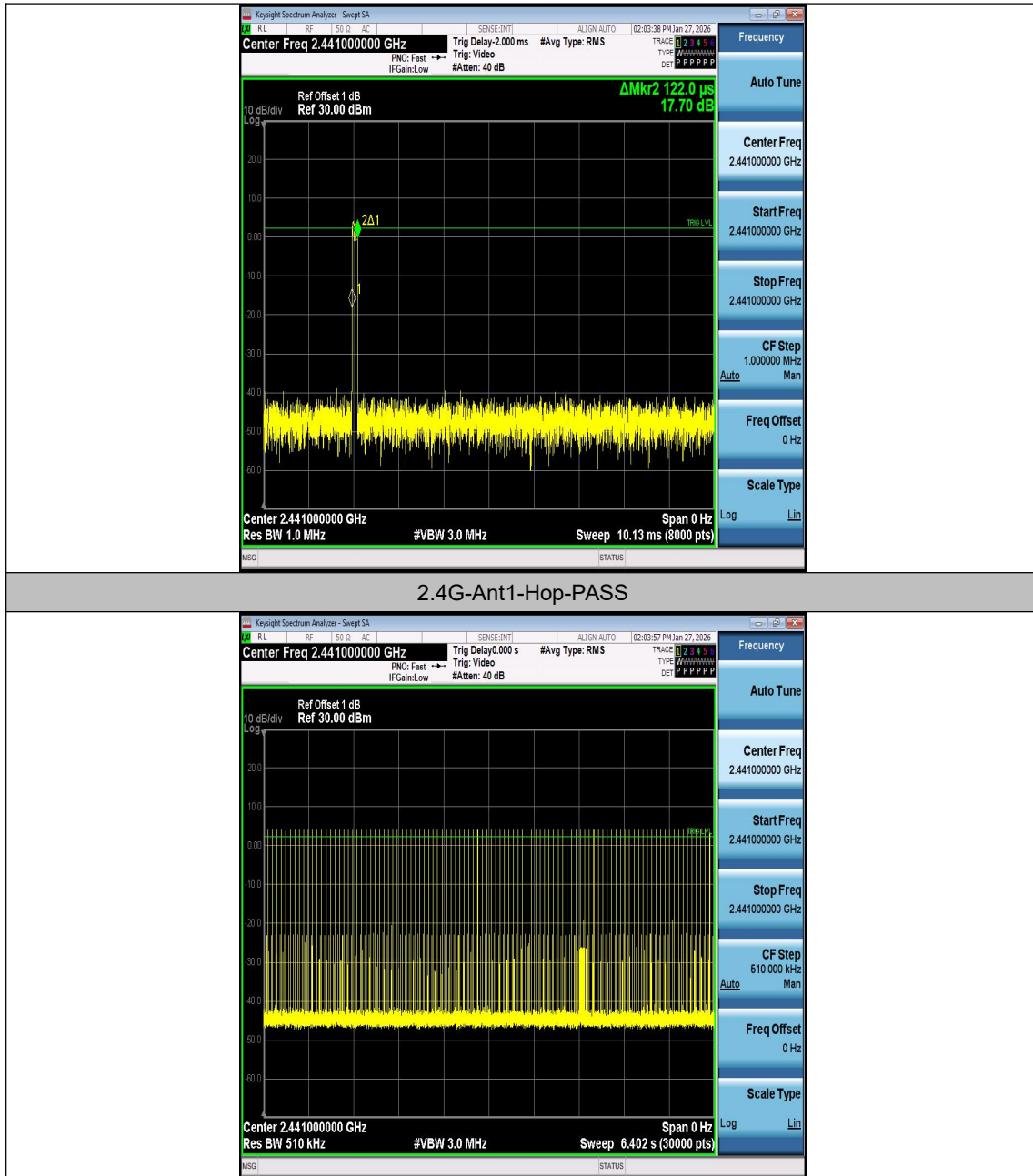
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.122	498.6875	0.061	≤0.4	PASS

Test Graphs



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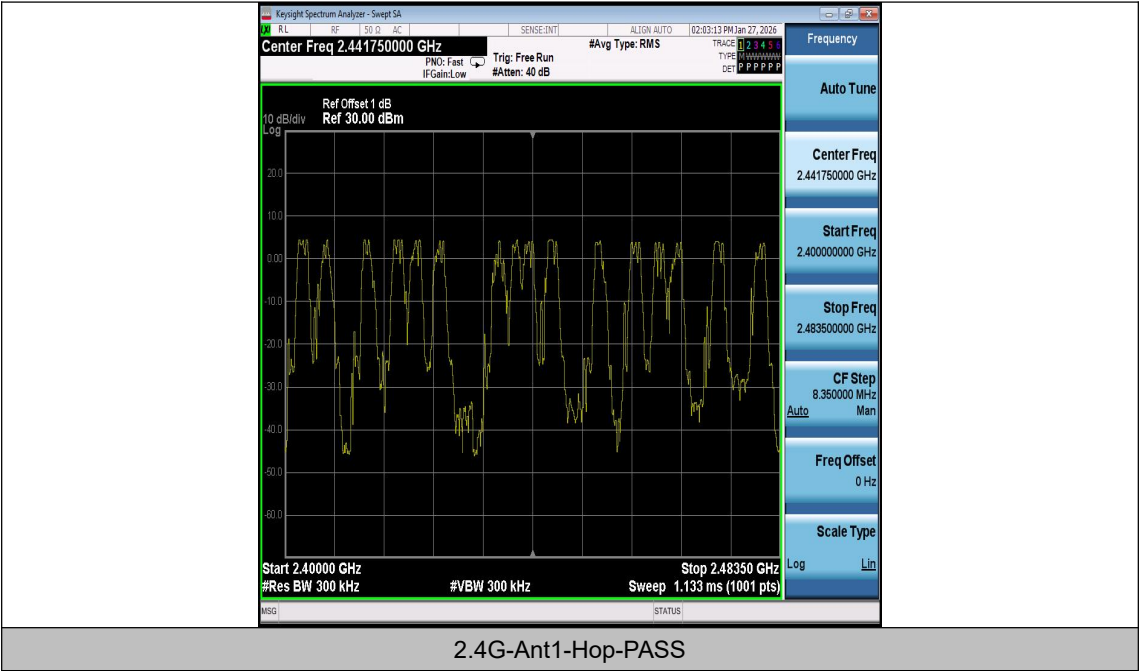
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Appendix F: Number of Hopping Channel

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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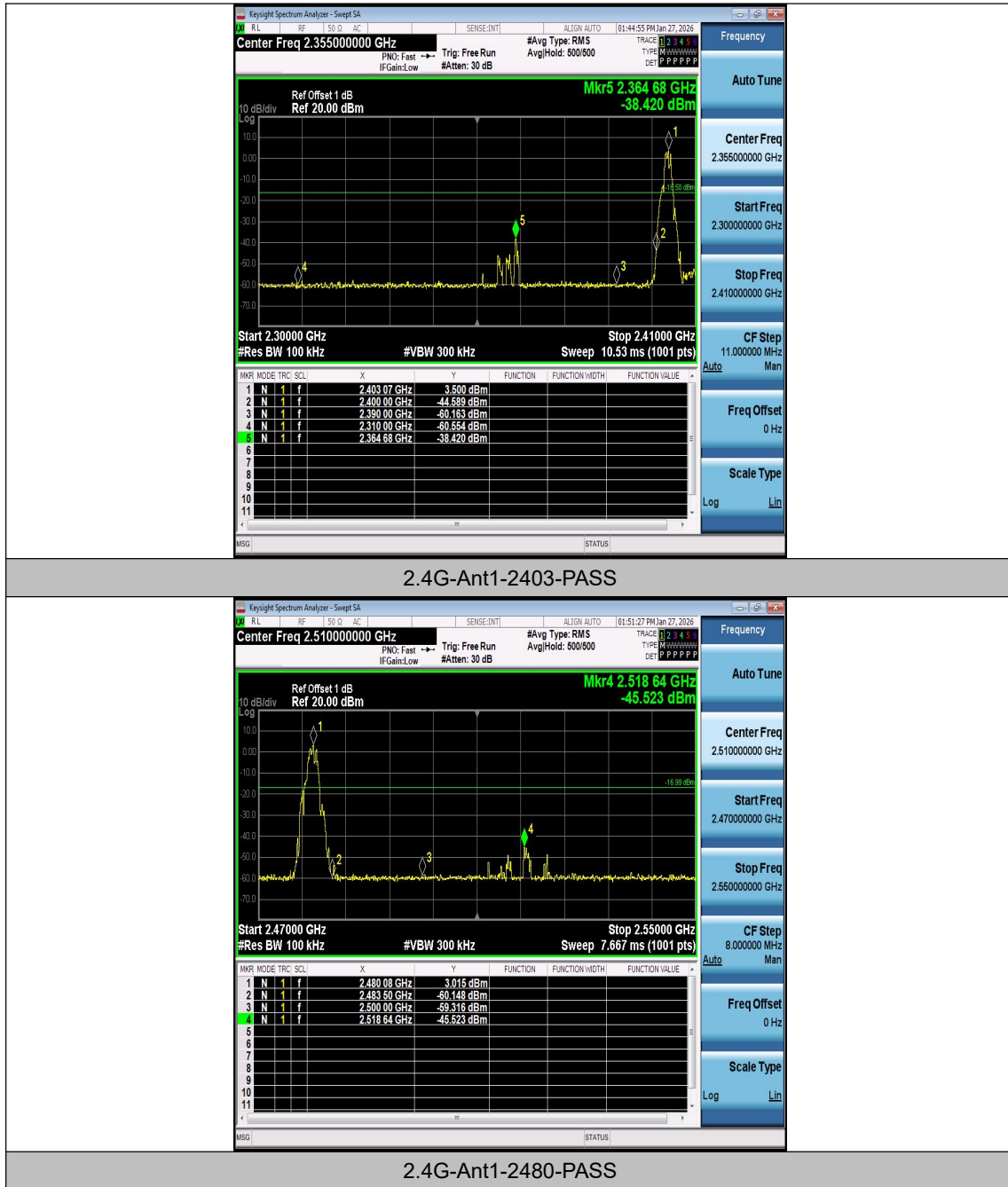
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	3.50	-38.42	≤-16.5	PASS
2.4G	Ant1	High	2480	3.02	-45.52	≤-16.99	PASS
2.4G	Ant1	Low	Hop	3.27	-54	≤-16.73	PASS
2.4G	Ant1	High	Hop	2.15	-40.78	≤-17.85	PASS

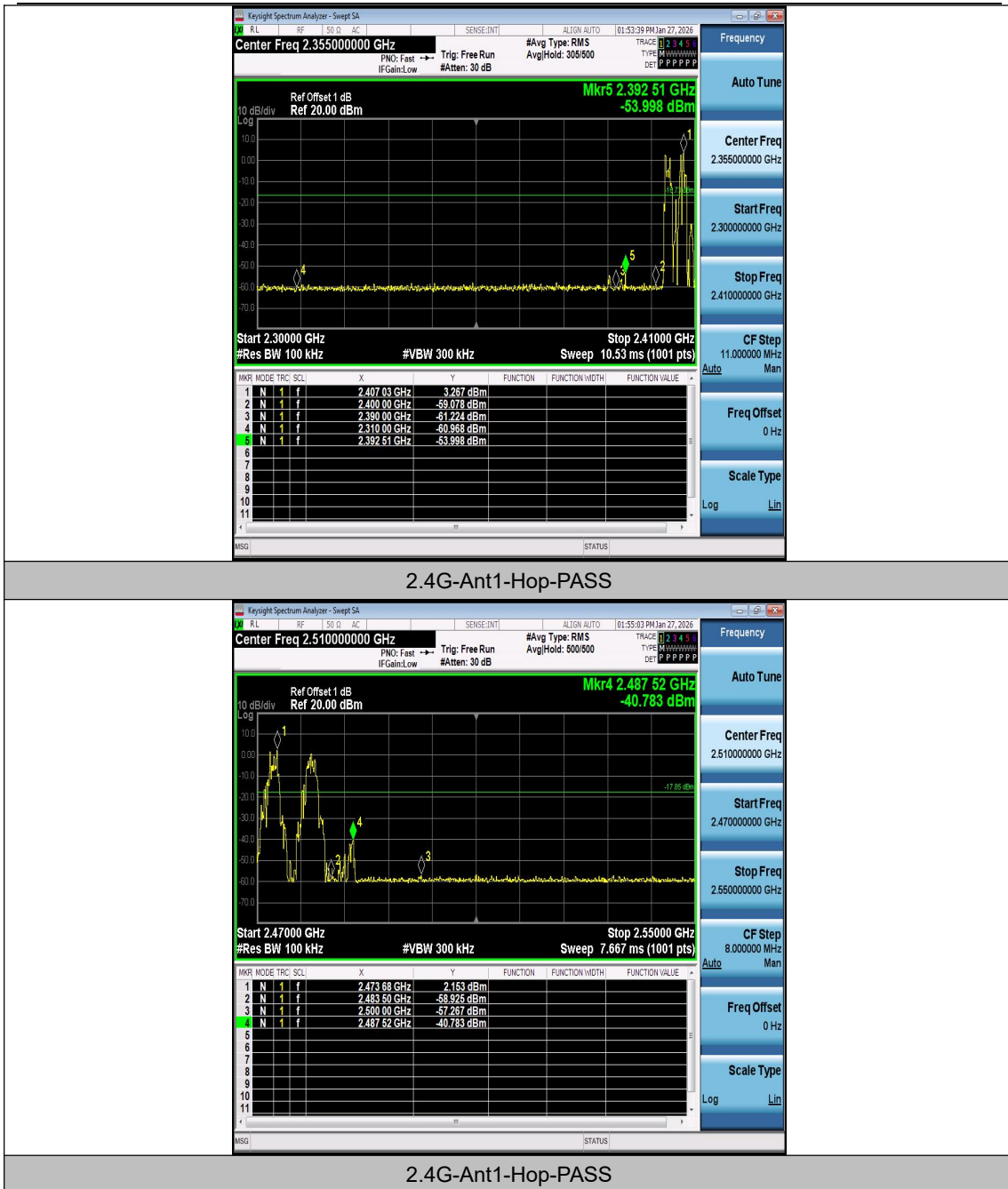
Test Graphs



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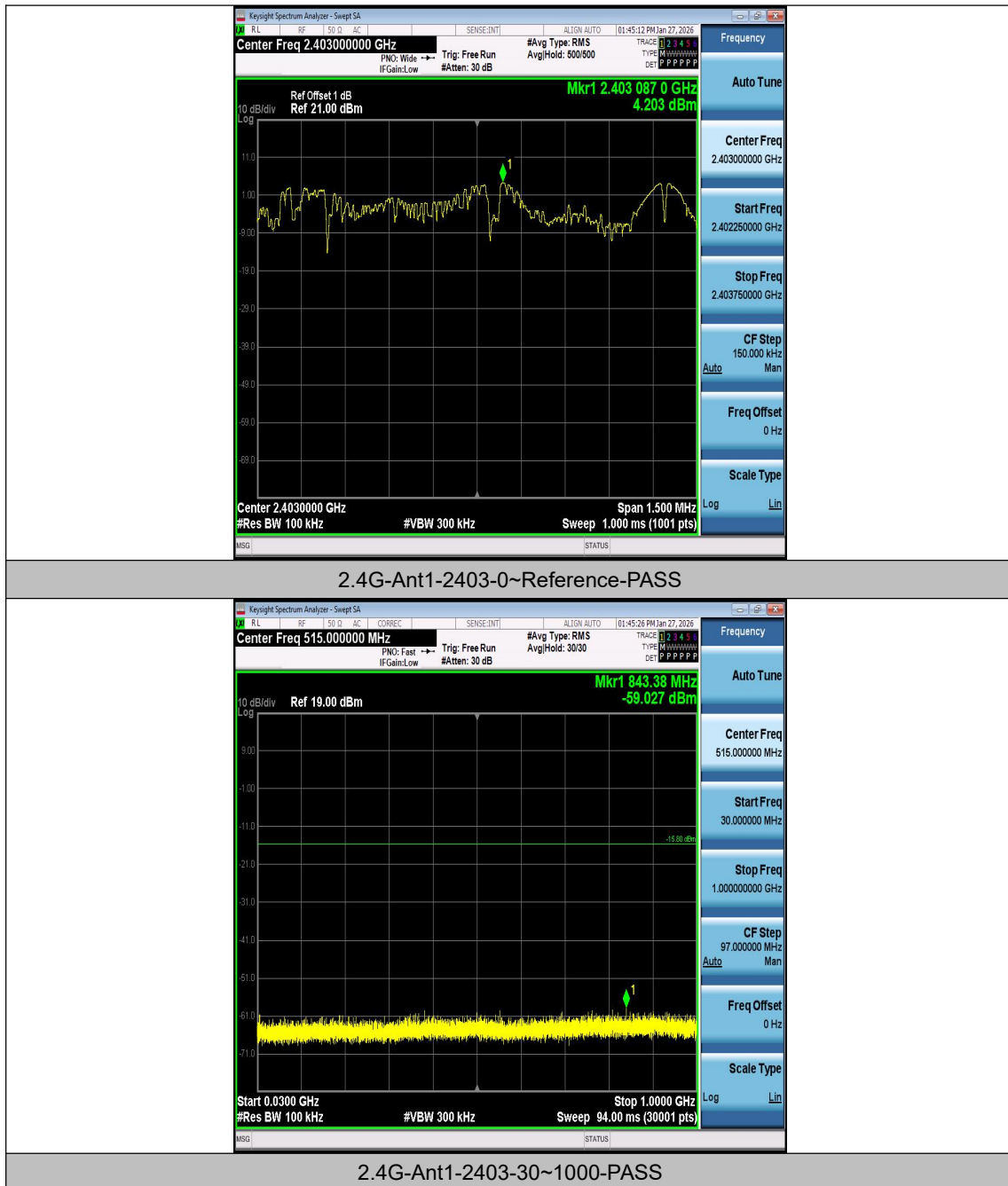
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	4.20	4.20	---	PASS
2.4G	Ant1	2403	30~1000	4.20	-59.03	≤-15.8	PASS
2.4G	Ant1	2403	1000~26500	4.20	-44.71	≤-15.8	PASS
2.4G	Ant1	2441	0~Reference	3.99	3.99	---	PASS
2.4G	Ant1	2441	30~1000	3.99	-58.88	≤-16.01	PASS
2.4G	Ant1	2441	1000~26500	3.99	-43.12	≤-16.01	PASS
2.4G	Ant1	2480	0~Reference	3.37	3.37	---	PASS
2.4G	Ant1	2480	30~1000	3.37	-59.38	≤-16.63	PASS
2.4G	Ant1	2480	1000~26500	3.37	-49.43	≤-16.63	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.

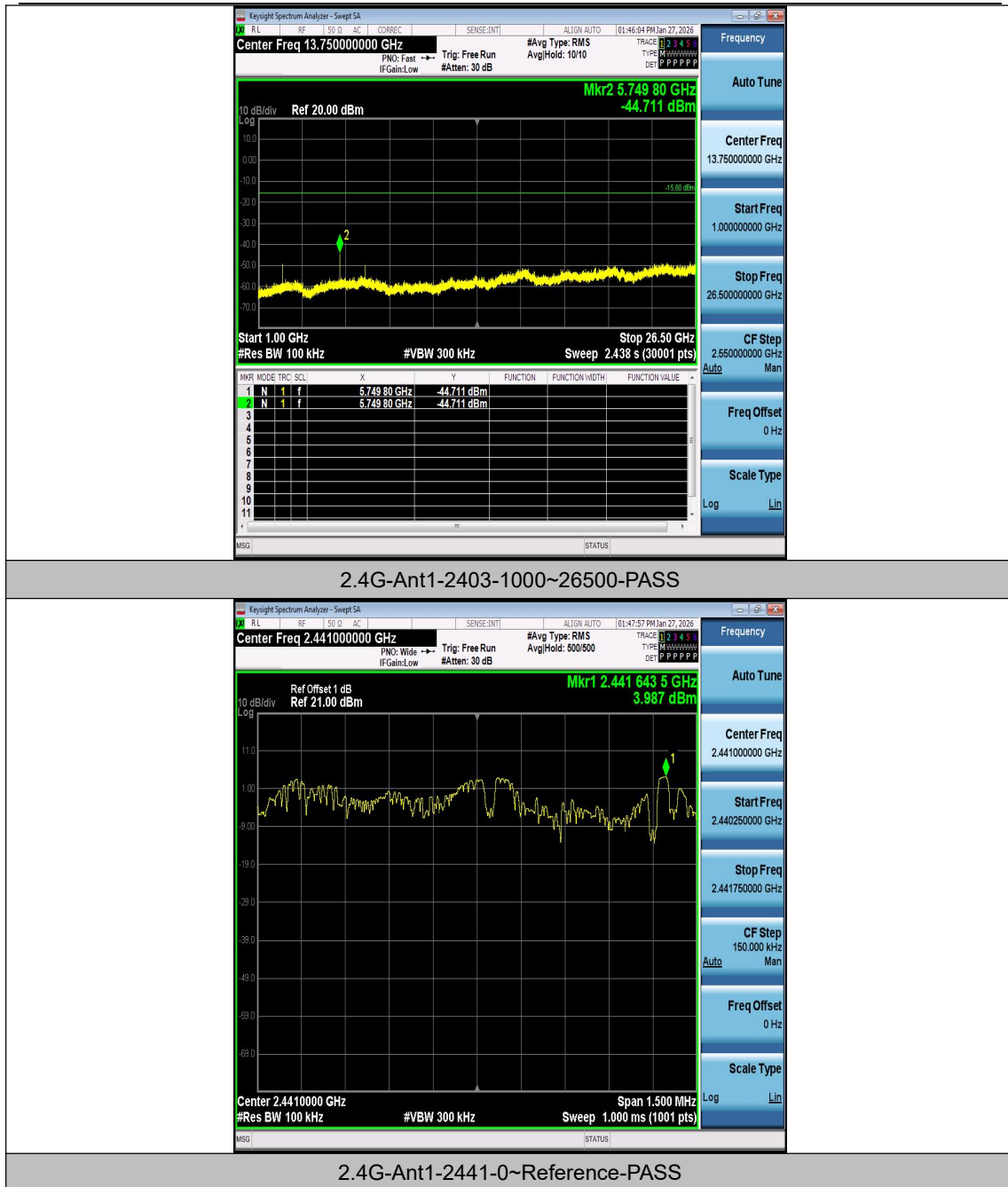
Test Graphs



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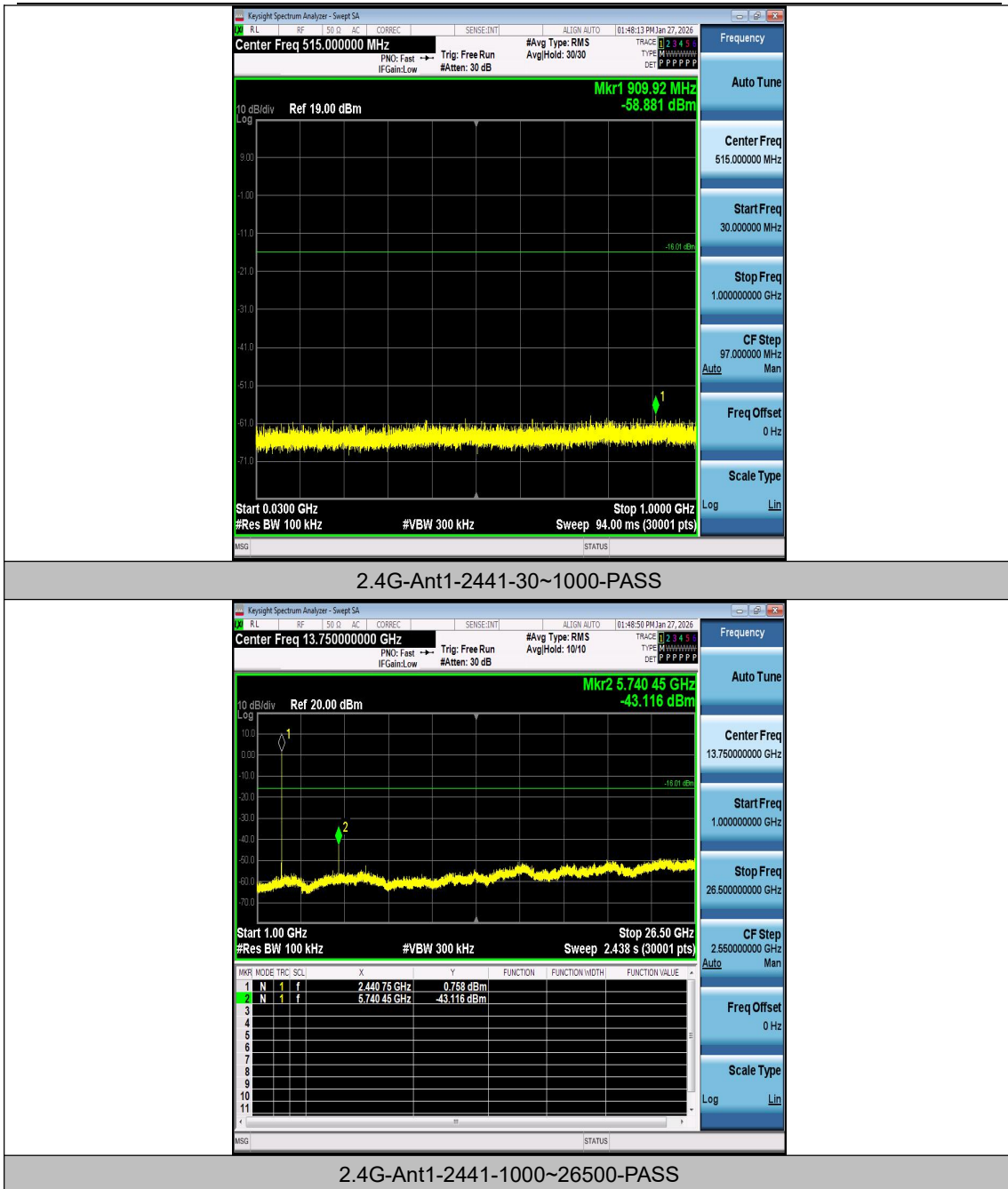
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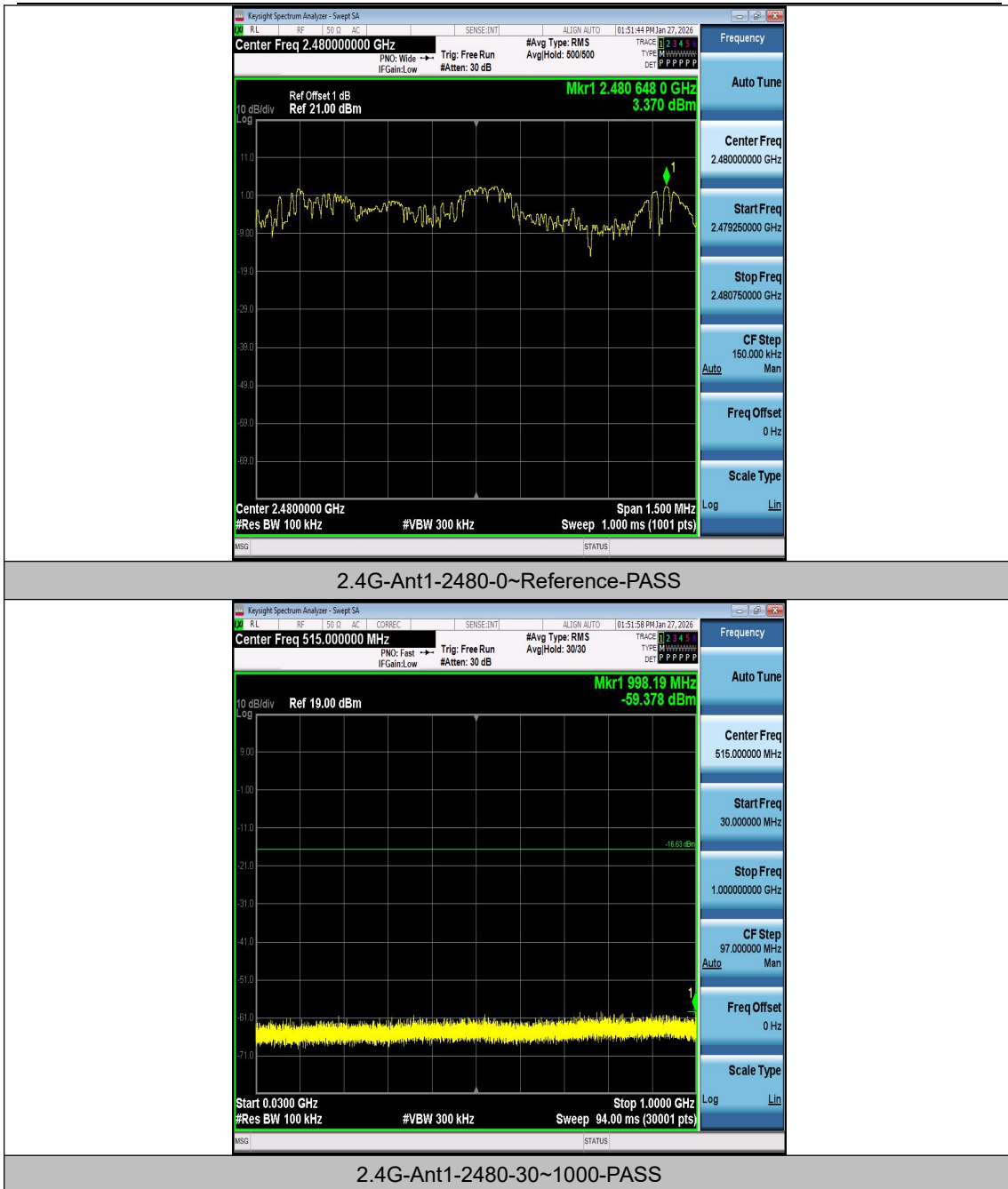
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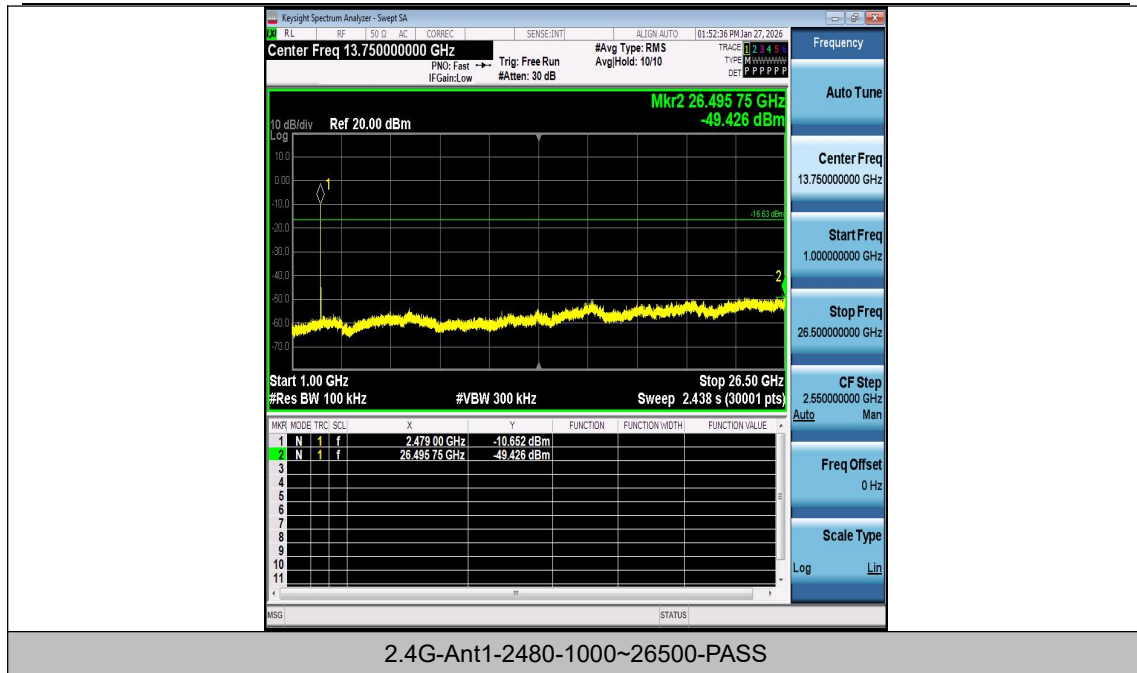
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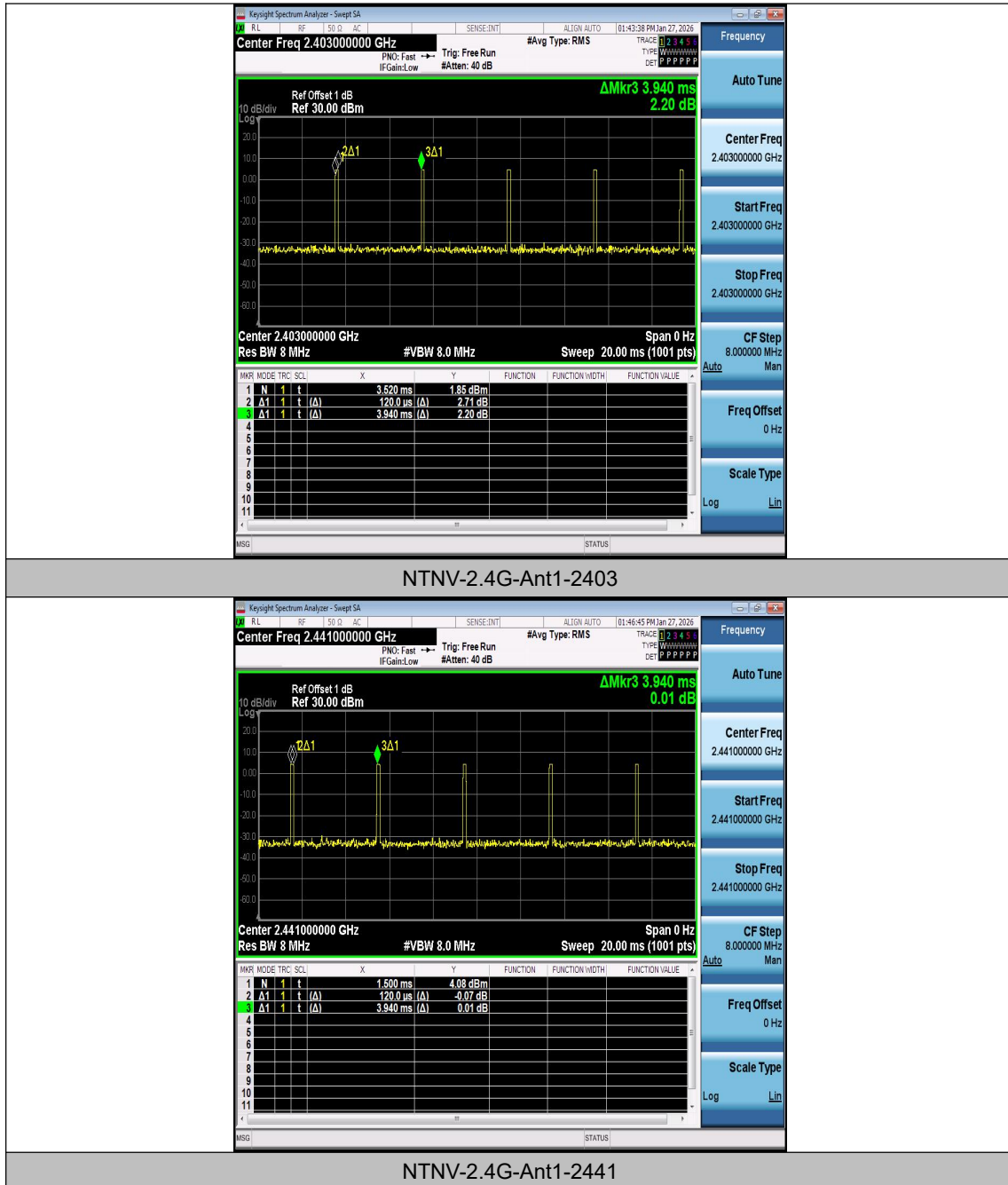
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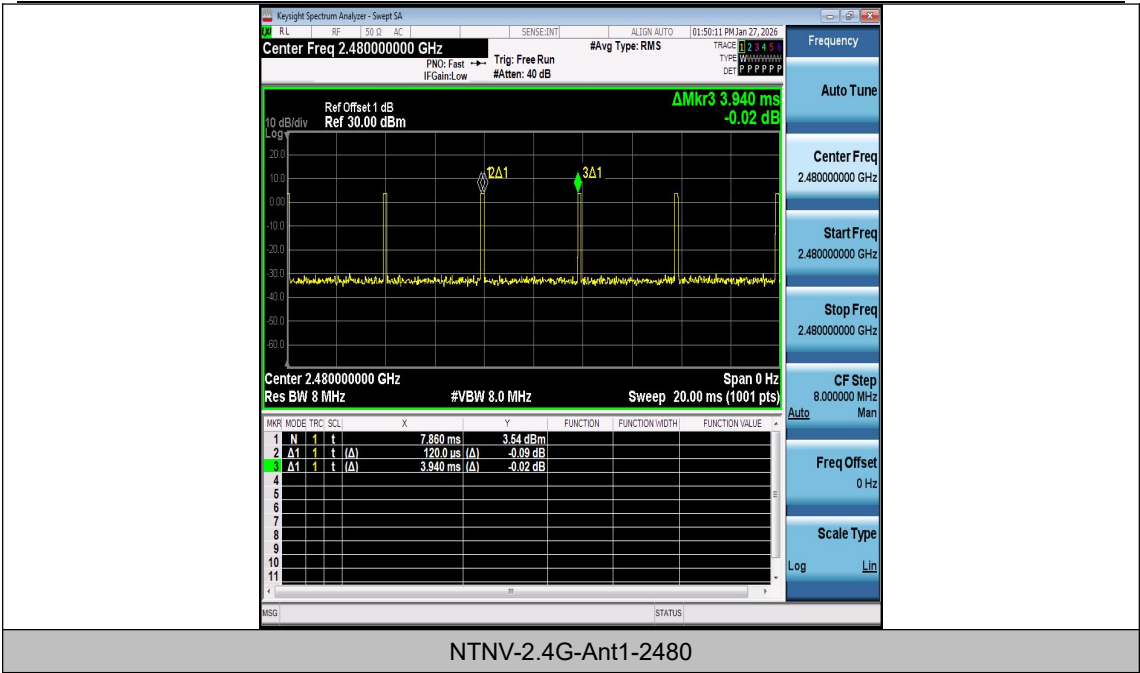
Appendix I: Duty Cycle

Test Result

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

Test Graphs





---End---