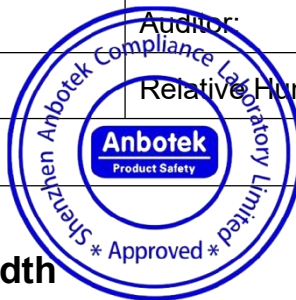


Appendix Test Data

Report No.:	1812C50526012502-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-15	Finish Test Date:	2025-10-15
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	26.6°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	2.265	2401.895	2404.160	---	---
2.4G	Ant1	2441	2.265	2439.900	2442.165	---	---
2.4G	Ant1	2480	2.250	2478.910	2481.160	---	---

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	2.2393	2401.8639	2404.1032	---	---
2.4G	Ant1	2441	2.2315	2439.8691	2442.1006	---	---
2.4G	Ant1	2480	2.2090	2478.9020	2481.1110	---	---

Test Graphs



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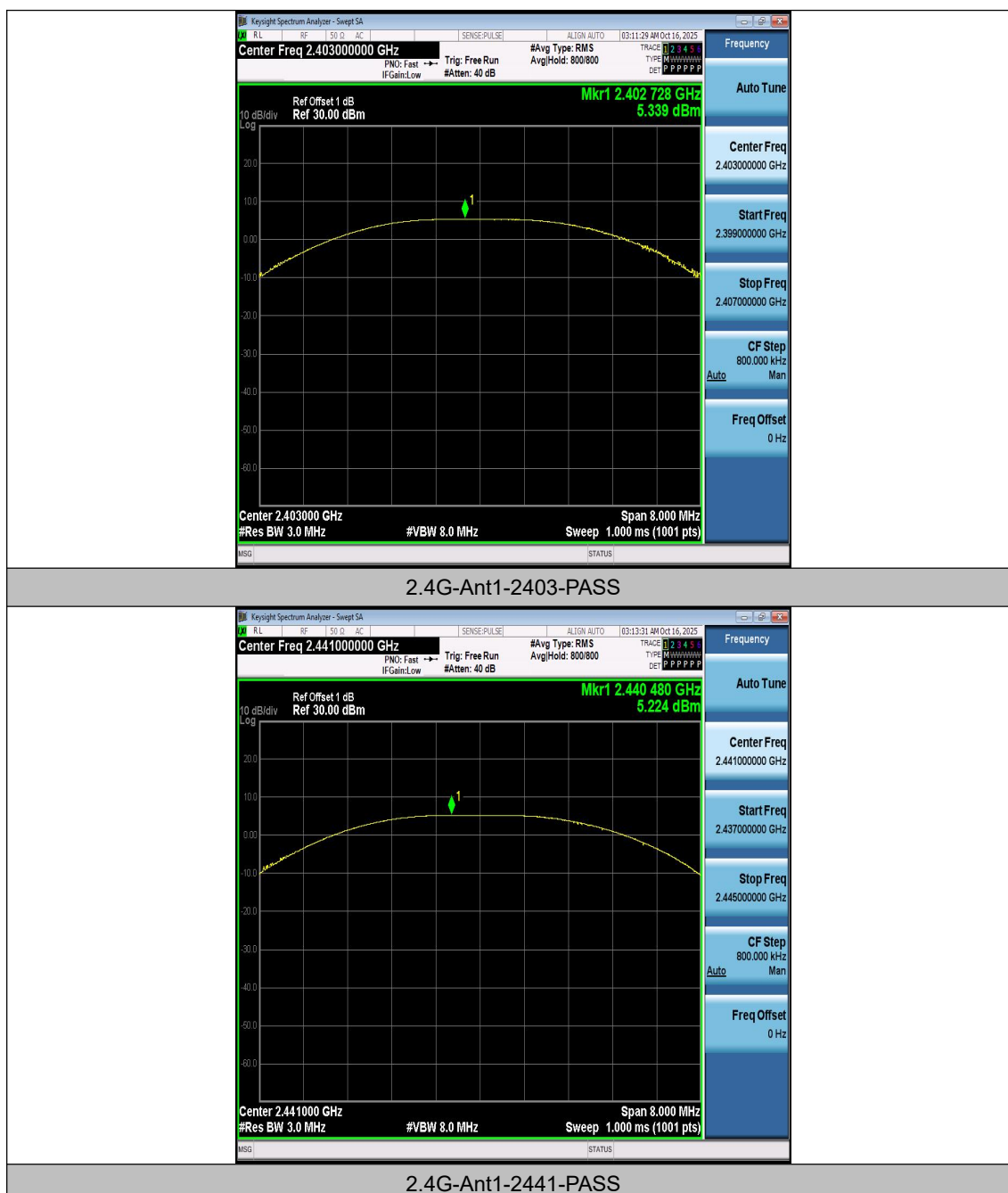
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	5.34	≤30	PASS
2.4G	Ant1	2441	5.22	≤30	PASS
2.4G	Ant1	2480	5.11	≤30	PASS

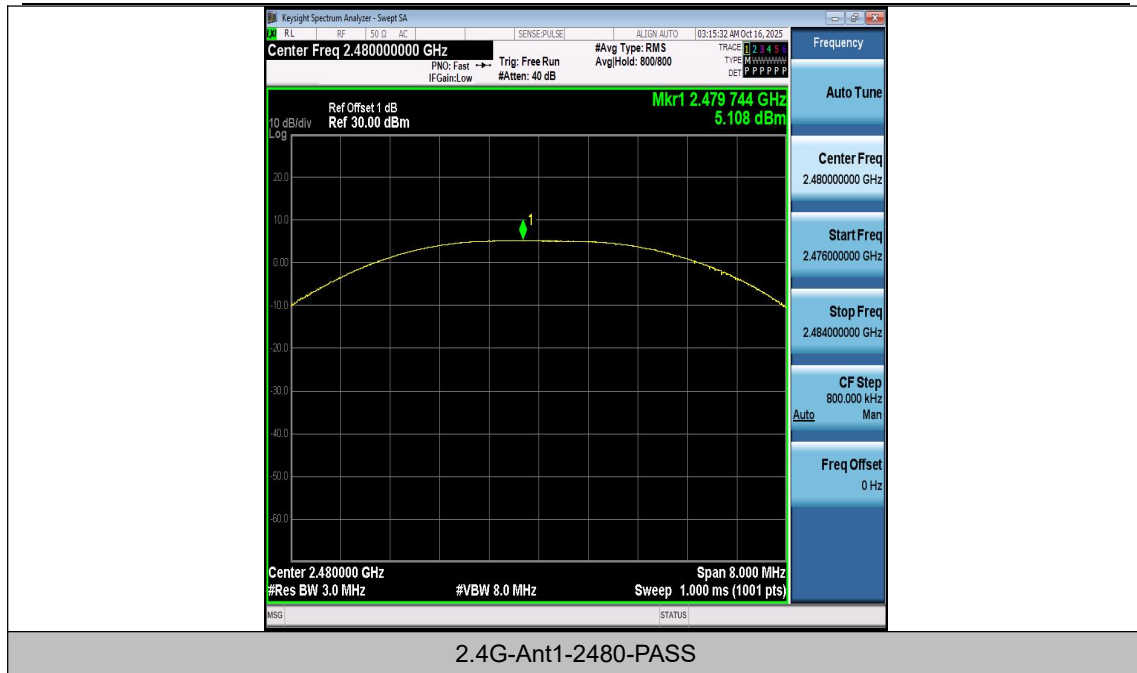
Test Graphs



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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	2.000	≥ 1.51	PASS

Test Graphs



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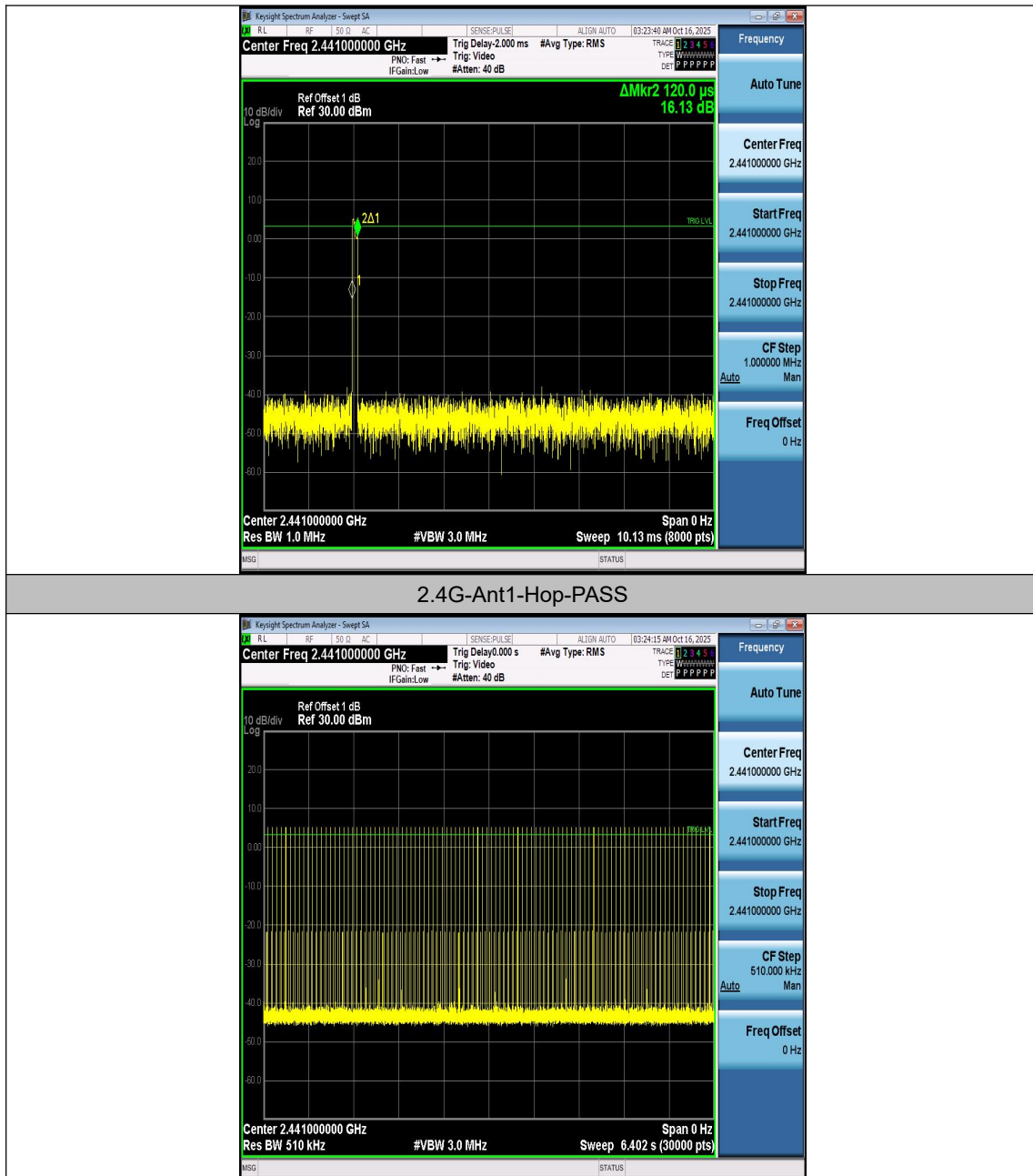
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.120	101	0.012	≤0.4	PASS

Test Graphs



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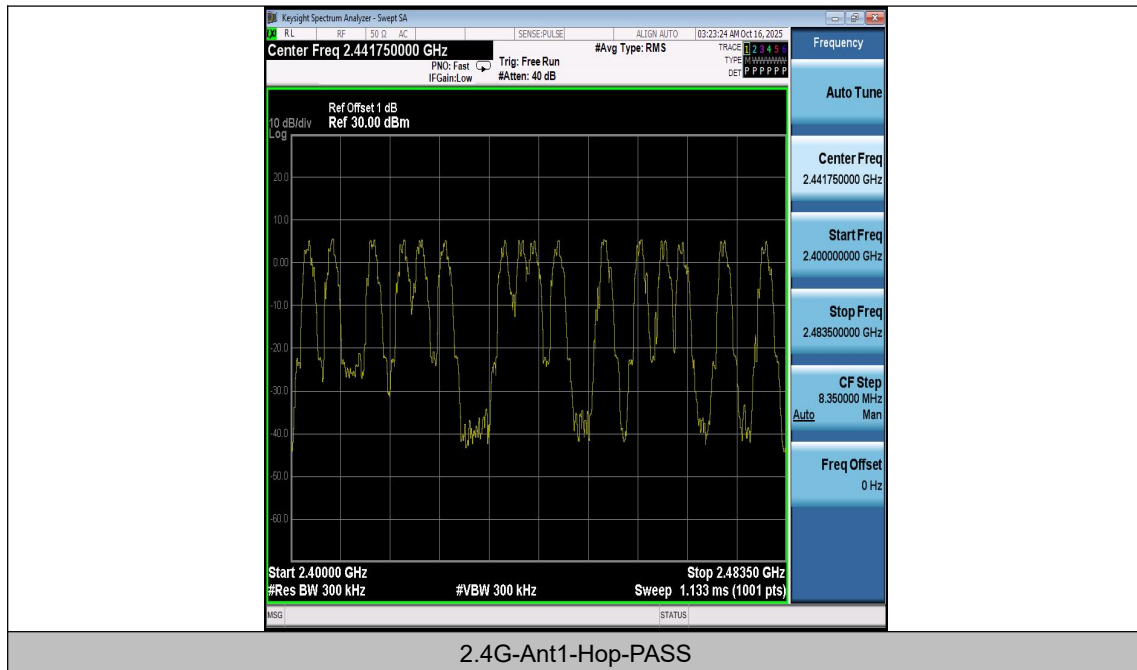
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Appendix F: Number of Hopping Channel

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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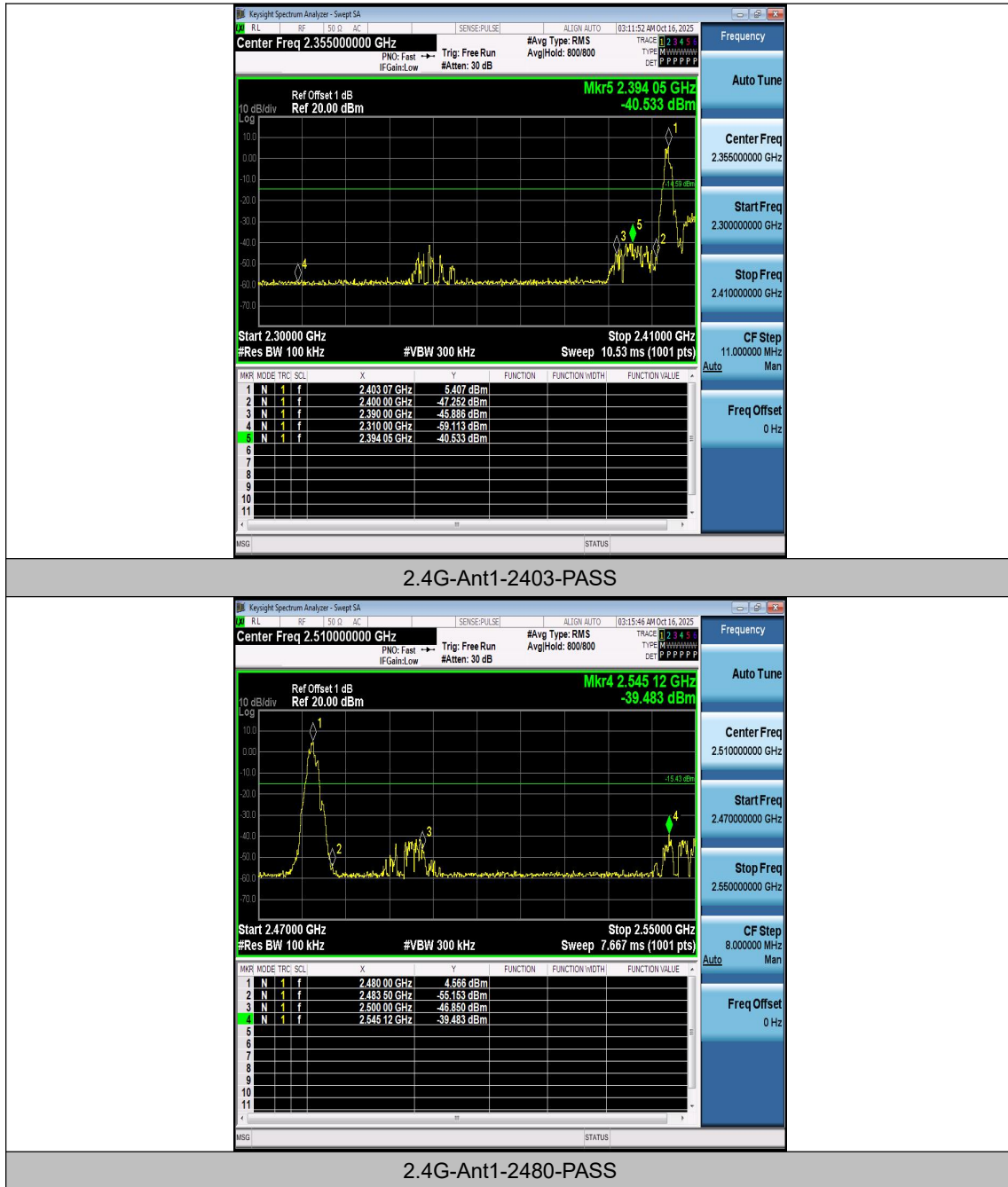
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	5.41	-40.53	≤-14.59	PASS
2.4G	Ant1	High	2480	4.57	-39.48	≤-15.43	PASS
2.4G	Ant1	Low	Hop	4.63	-38.5	≤-15.38	PASS
2.4G	Ant1	High	Hop	5.27	-39.77	≤-14.73	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.

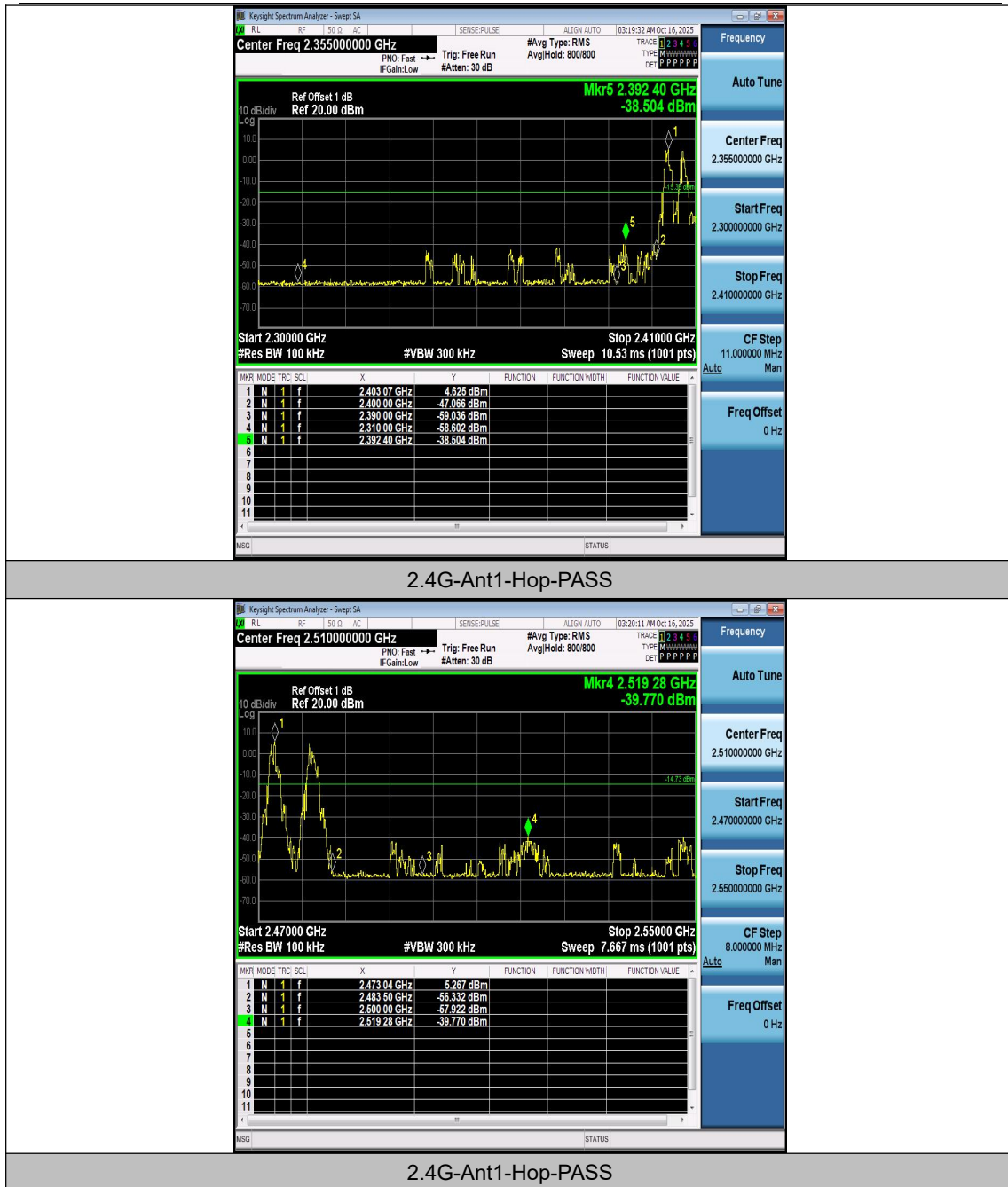
Test Graphs



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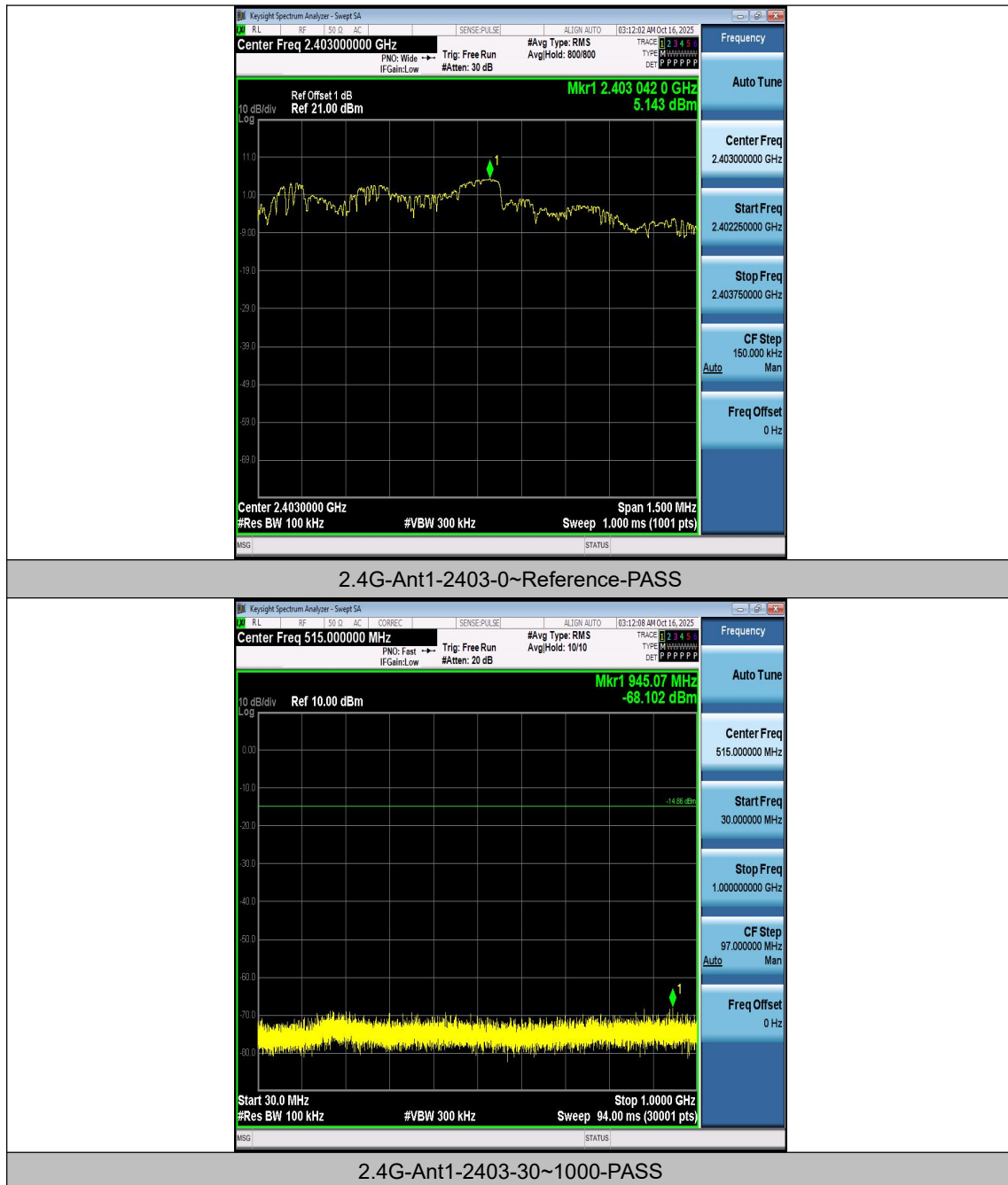
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	5.14	5.14	---	PASS
2.4G	Ant1	2403	30~1000	5.14	-68.1	≤-14.86	PASS
2.4G	Ant1	2403	1000~26500	5.14	-48.26	≤-14.86	PASS
2.4G	Ant1	2441	0~Reference	5.04	5.04	---	PASS
2.4G	Ant1	2441	30~1000	5.04	-67.91	≤-14.96	PASS
2.4G	Ant1	2441	1000~26500	5.04	-50.01	≤-14.96	PASS
2.4G	Ant1	2480	0~Reference	4.95	4.95	---	PASS
2.4G	Ant1	2480	30~1000	4.95	-68.83	≤-15.05	PASS
2.4G	Ant1	2480	1000~26500	4.95	-49.1	≤-15.05	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.

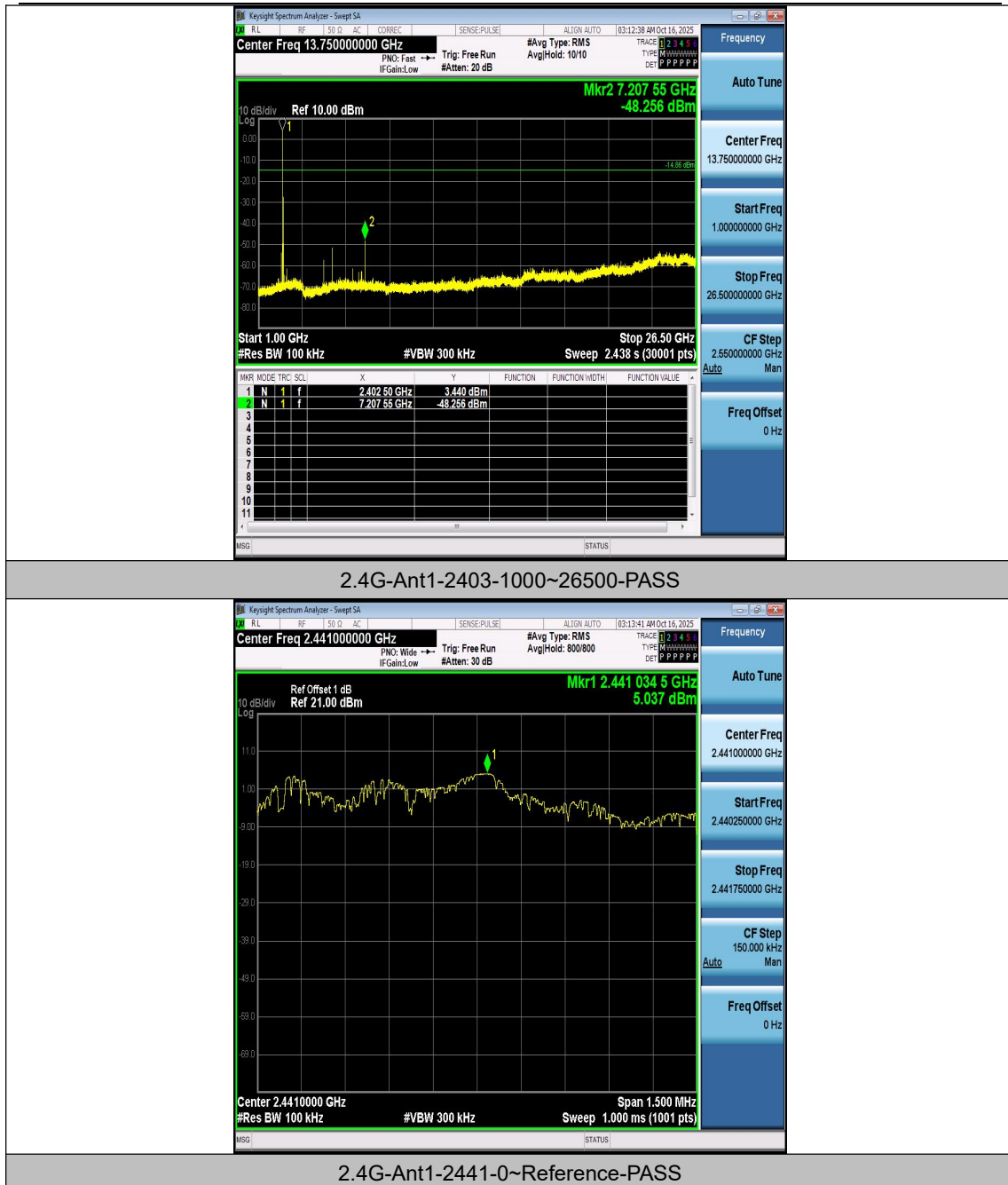
Test Graphs



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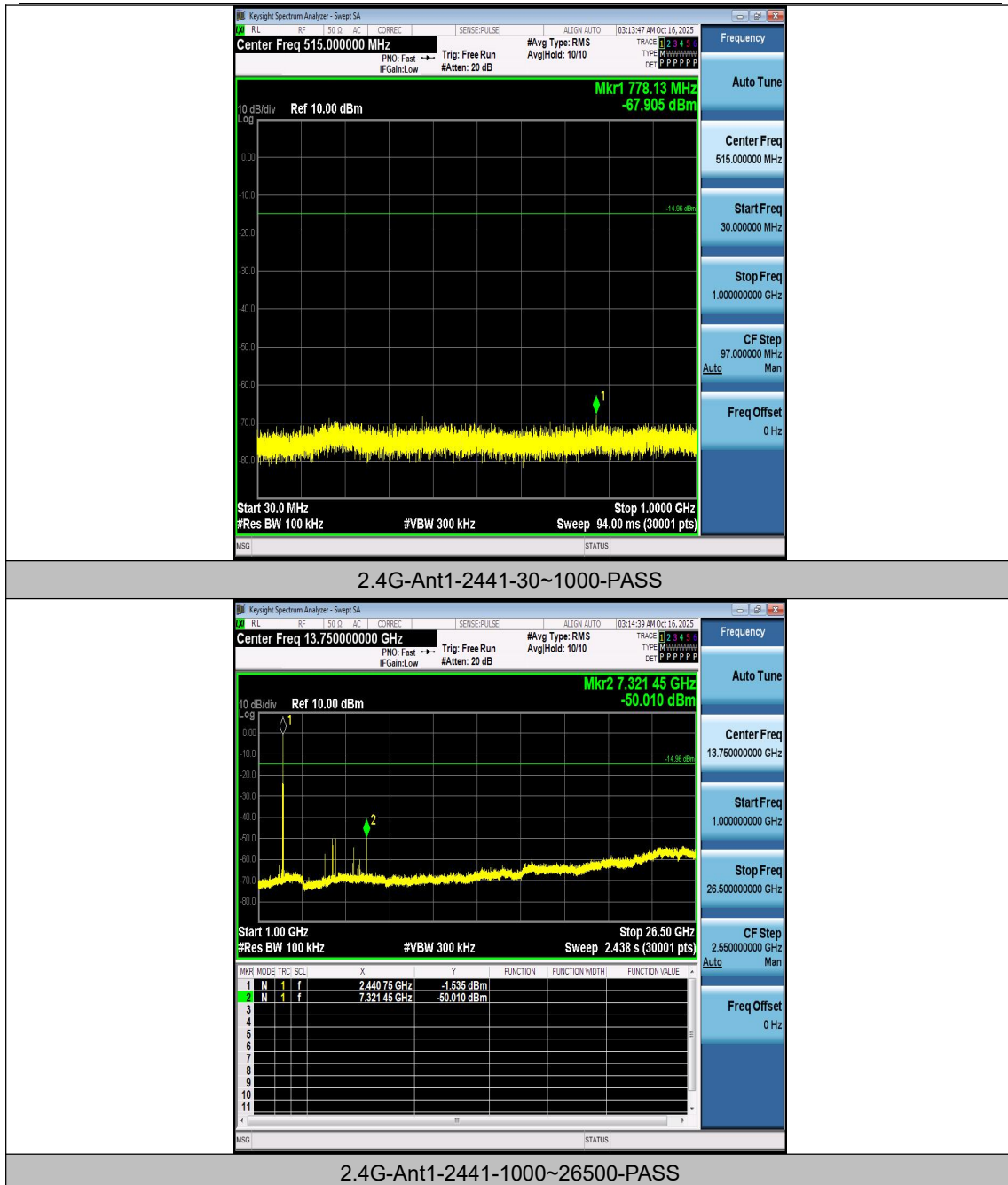
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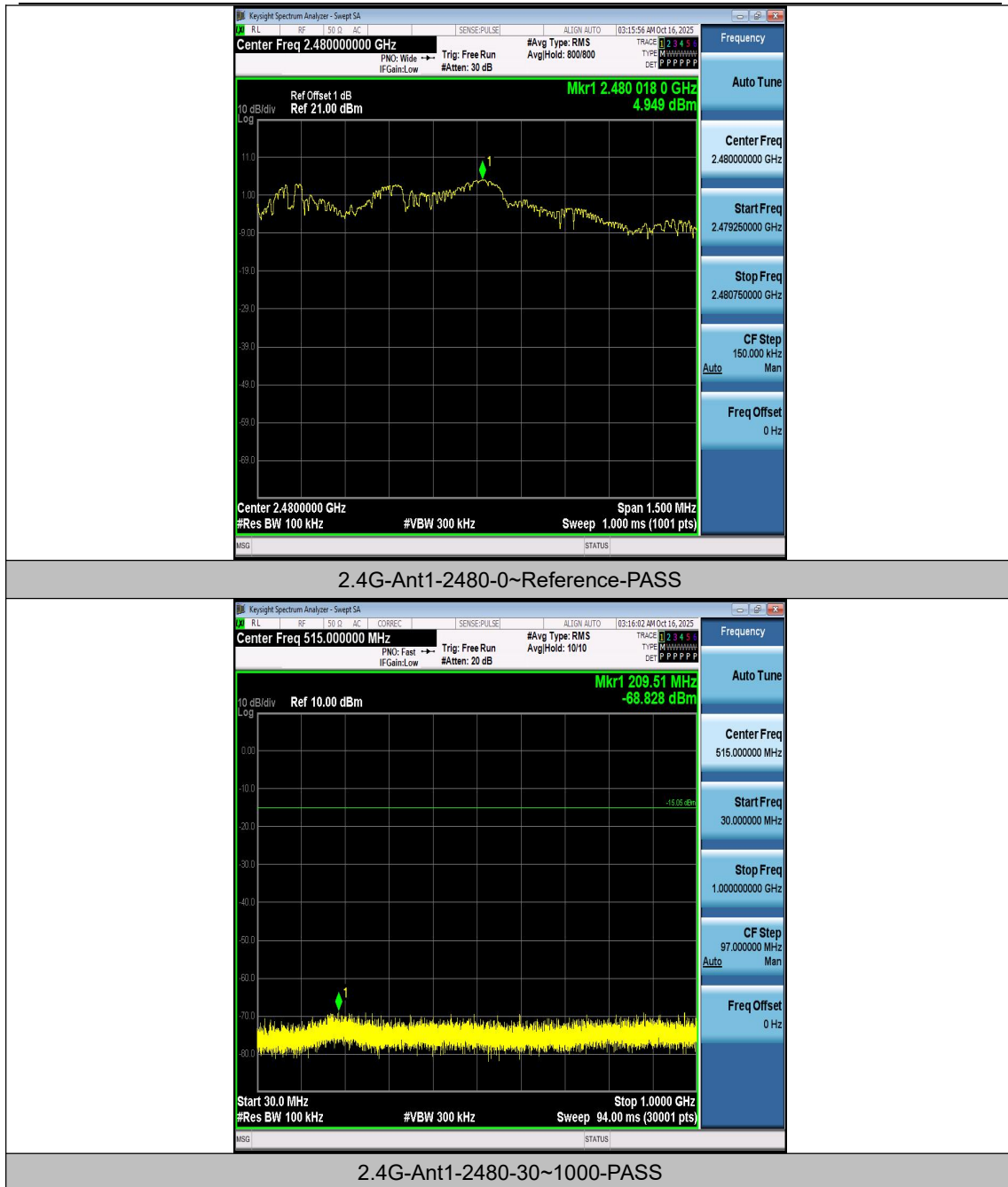
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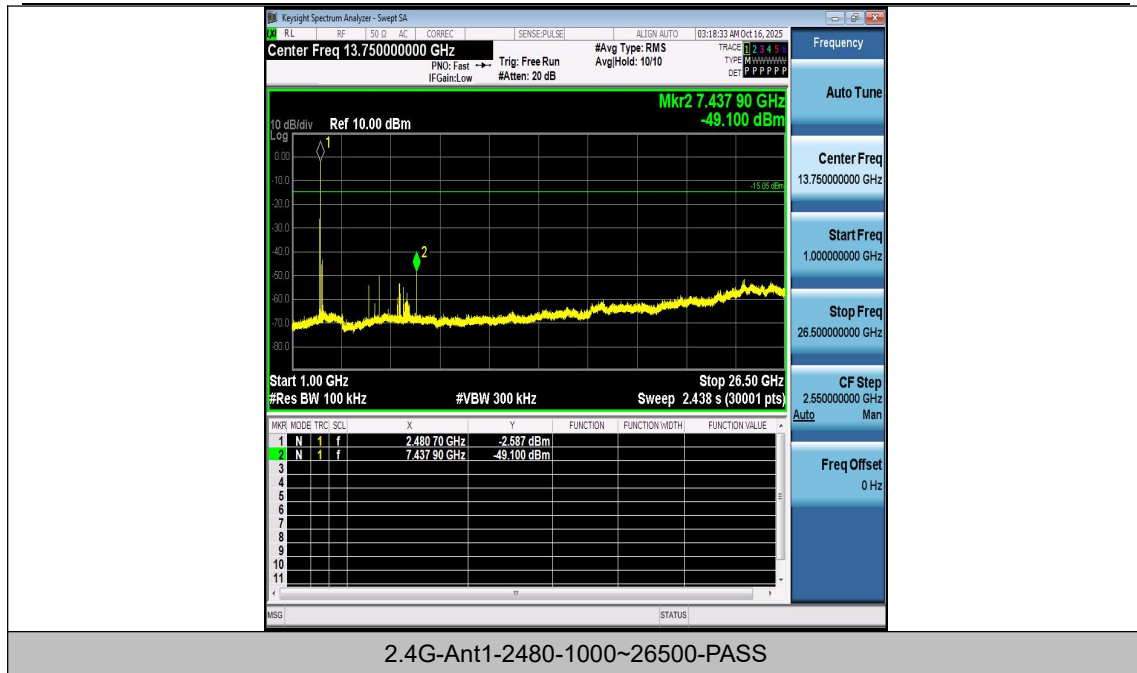
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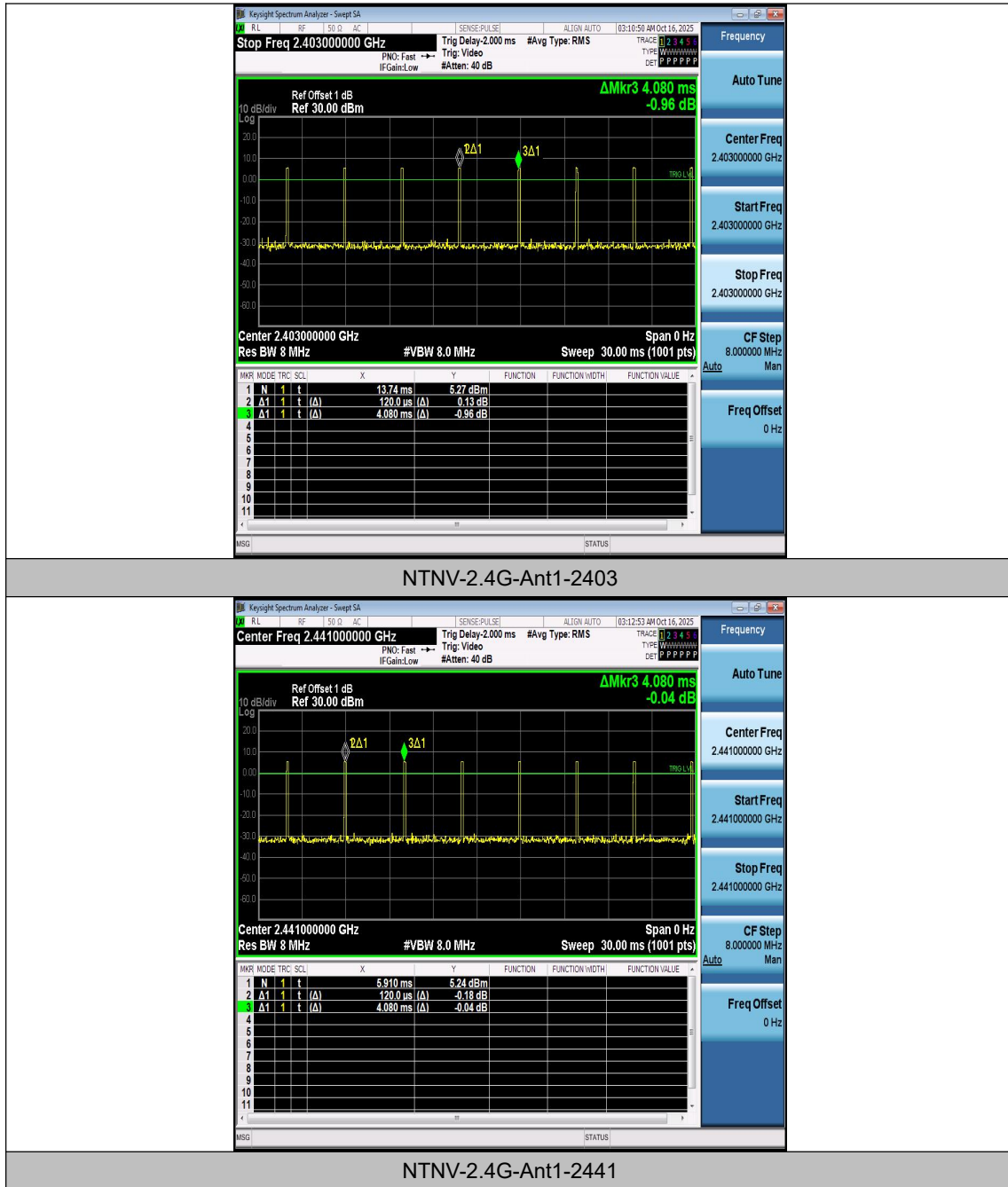
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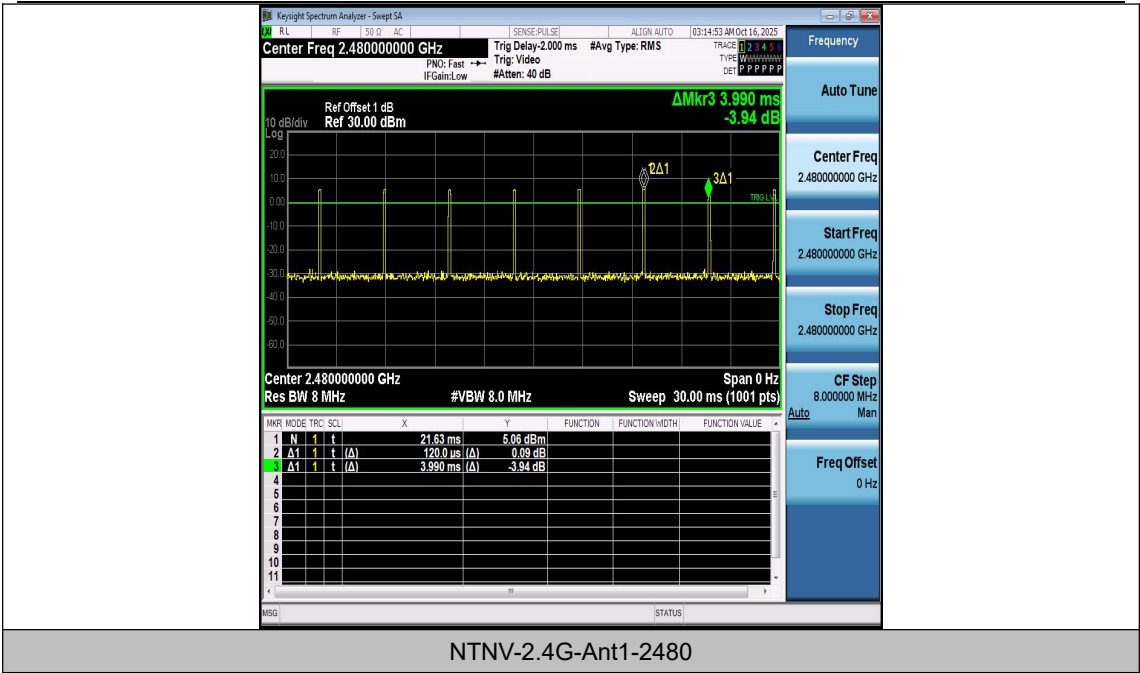
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	4.08	2.94	15.32
2.4G	Ant1	2441	0.12	4.08	2.94	15.32
2.4G	Ant1	2480	0.12	3.99	3.01	15.21

Test Graphs





---End---