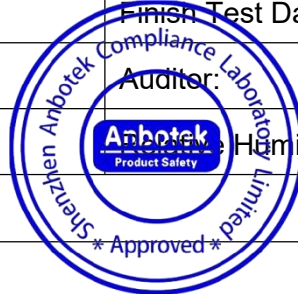


Appendix Test Data

Report No.:	1812C50519012502-M1-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-17	Finish Test Date:	2025-10-17
Test Engineer:	<i>Alex Reng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.3°C	Humidity:	48%
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	1.110	2402.466	2403.576	---	---
2.4G	Ant1	2441	1.119	2440.457	2441.576	---	---
2.4G	Ant1	2480	1.122	2479.466	2480.588	---	---

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	1.1229	2402.4266	2403.5495	---	---
2.4G	Ant1	2441	1.0665	2440.4810	2441.5475	---	---
2.4G	Ant1	2480	1.0502	2479.4906	2480.5408	---	---

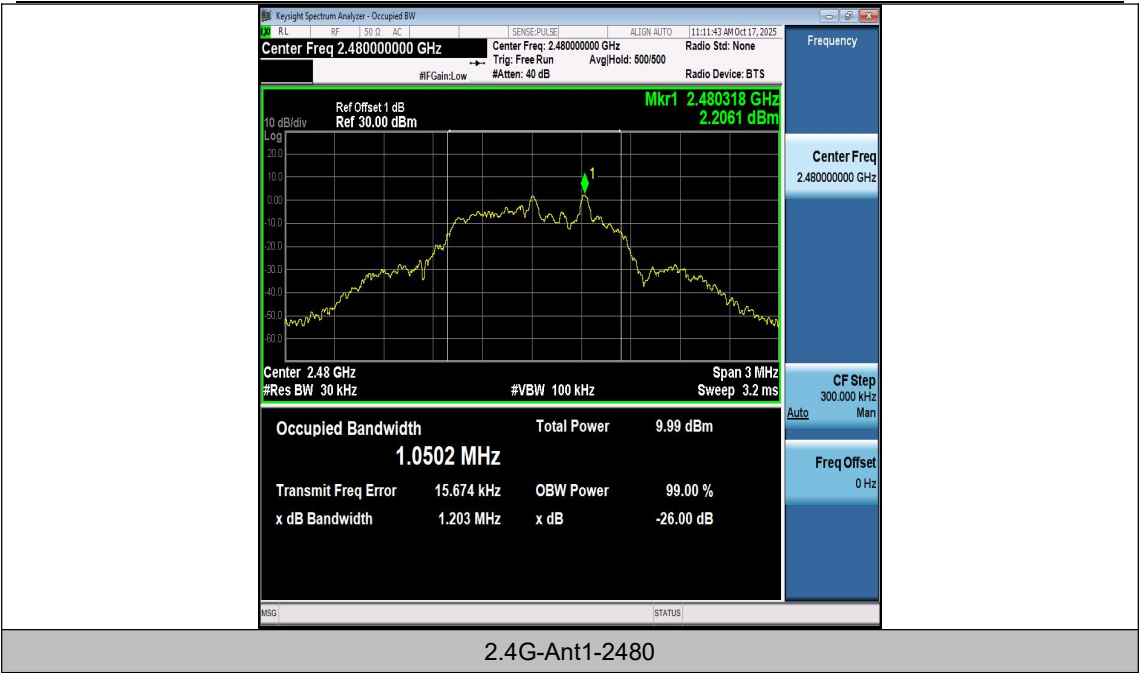
Test Graphs



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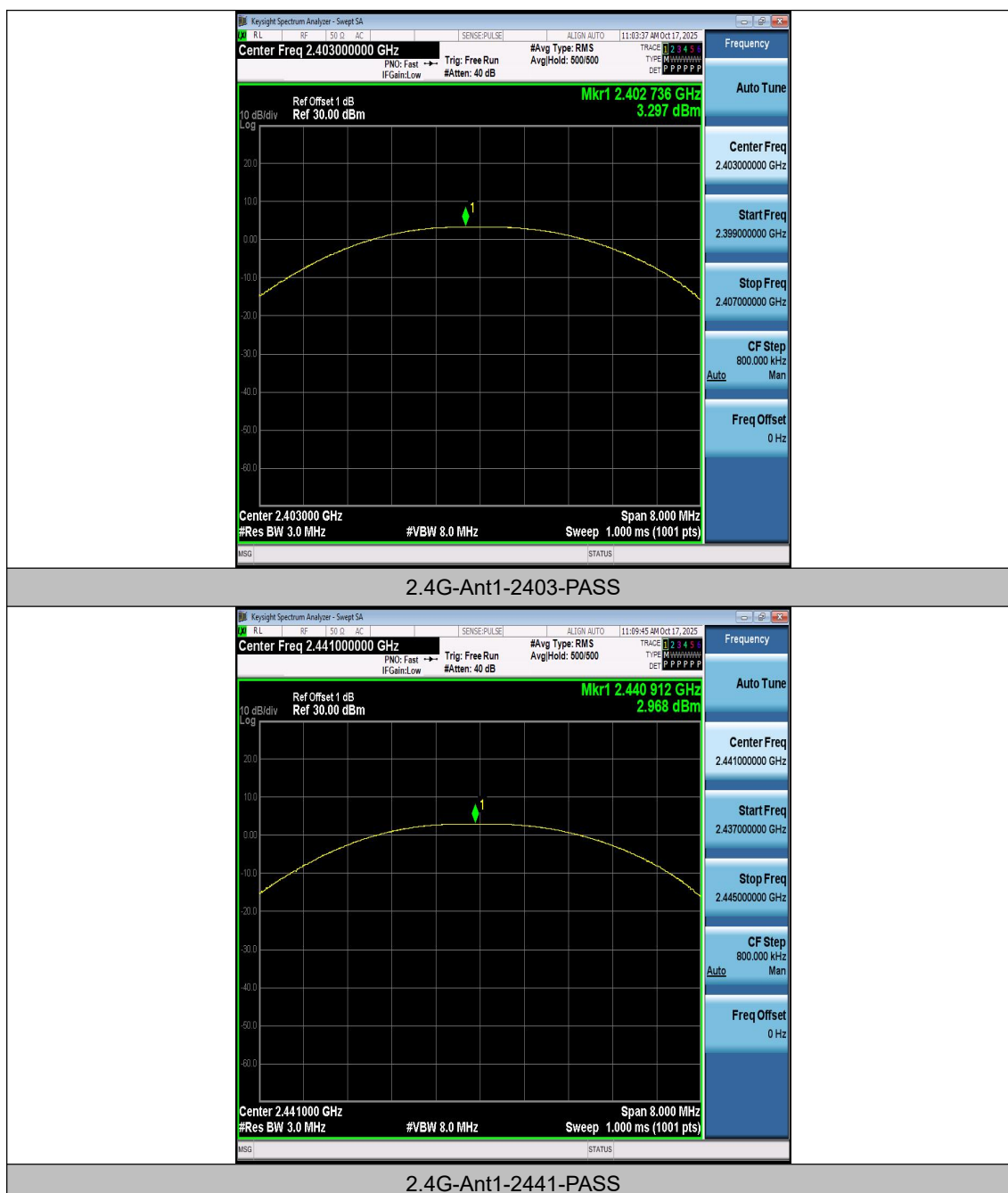
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	3.30	≤30	PASS
2.4G	Ant1	2441	2.97	≤30	PASS
2.4G	Ant1	2480	2.90	≤30	PASS

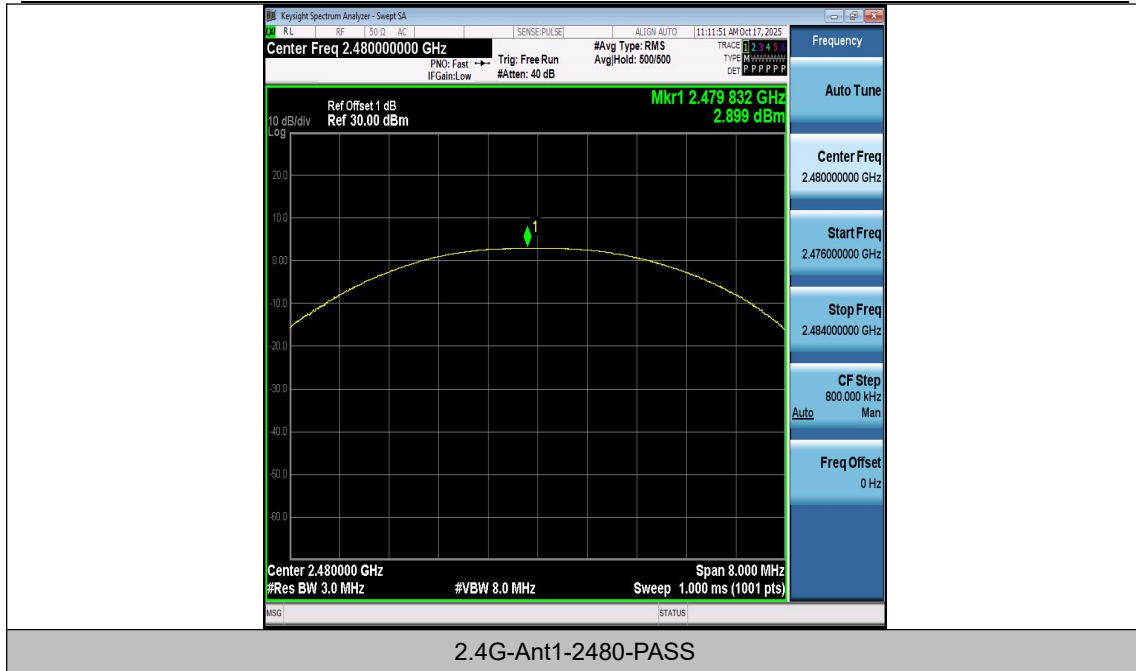
Test Graphs



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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	≥0.748	PASS

Note: Only record the worst data in the test data.

Test Graphs



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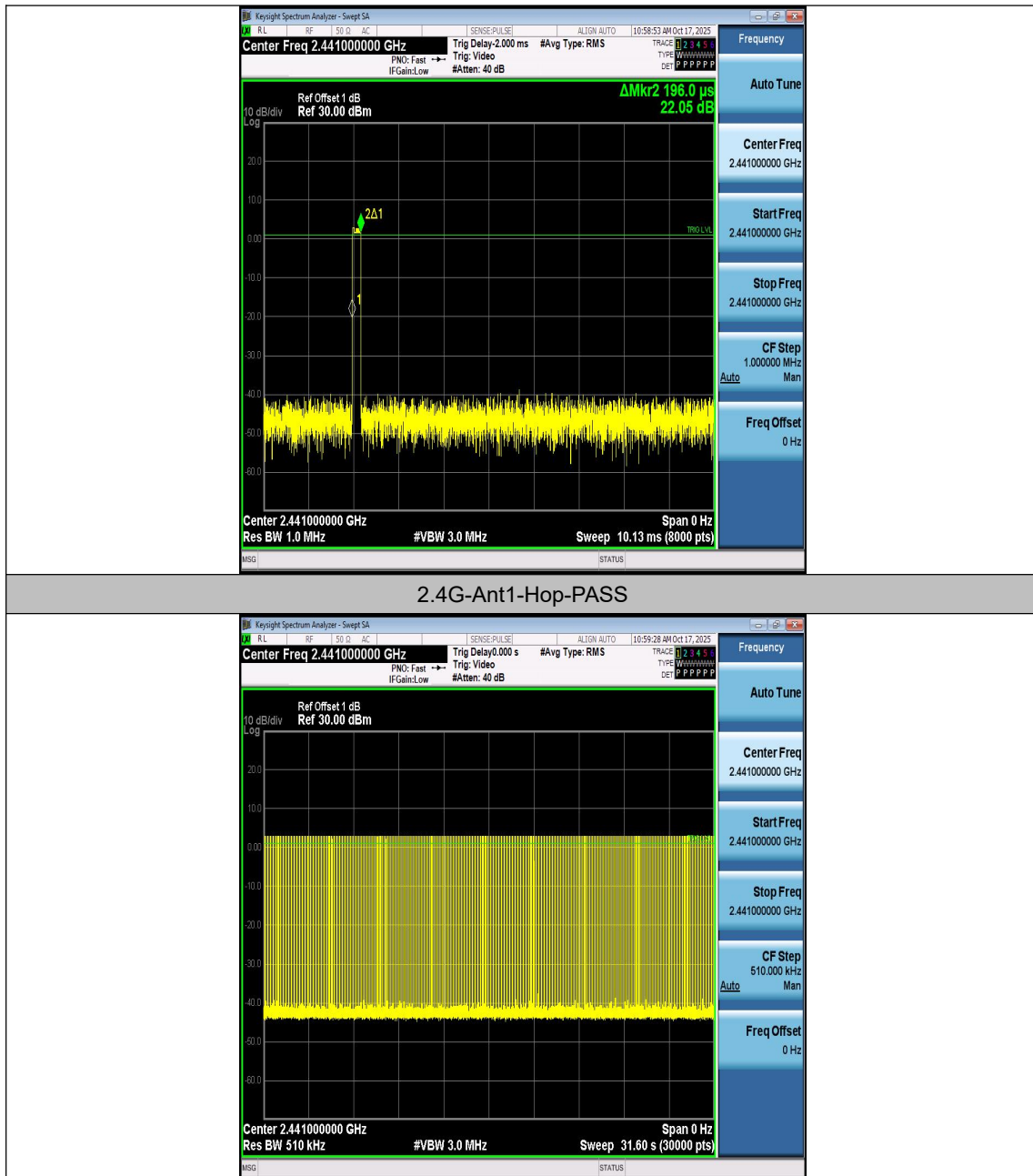
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.196	493	0.097	≤0.4	PASS

Test Graphs



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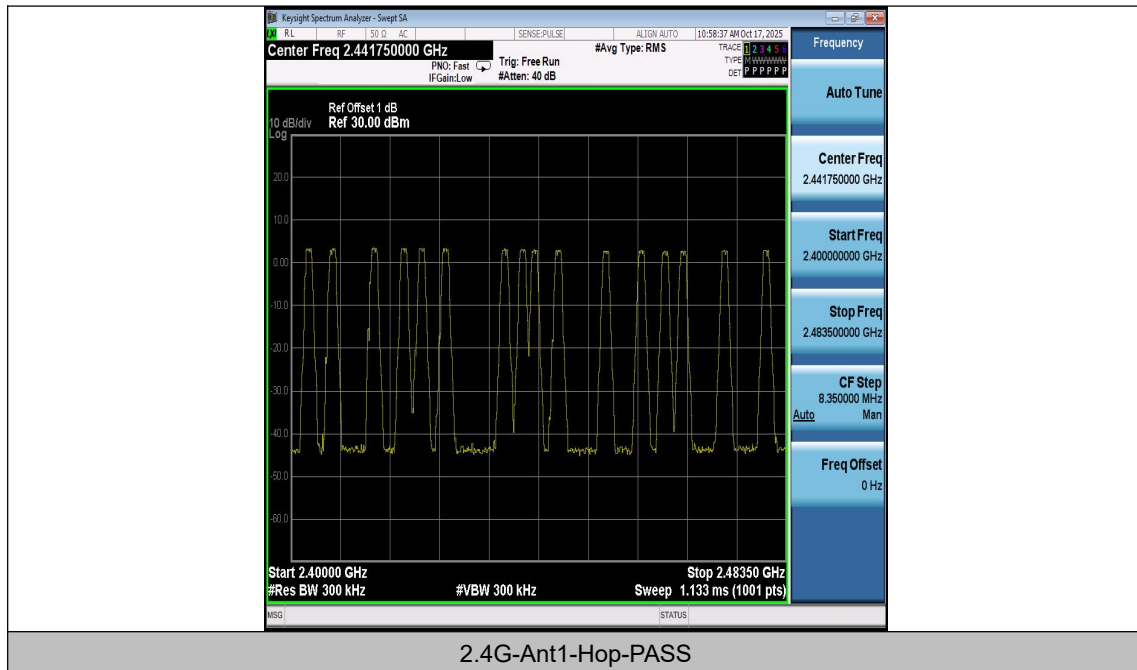
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Appendix F: Number of Hopping Channel

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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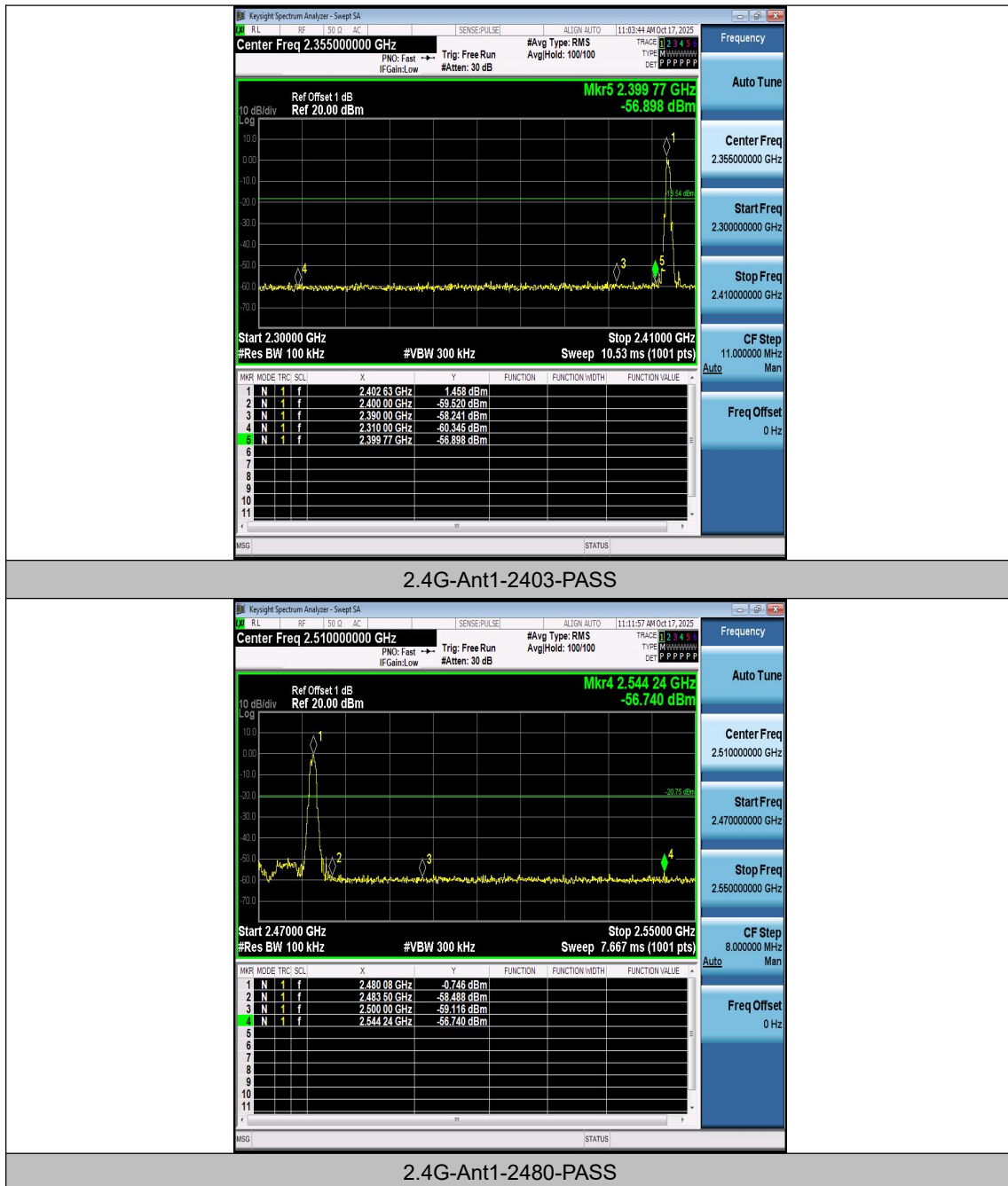
Appendix G: Conducted Band edge

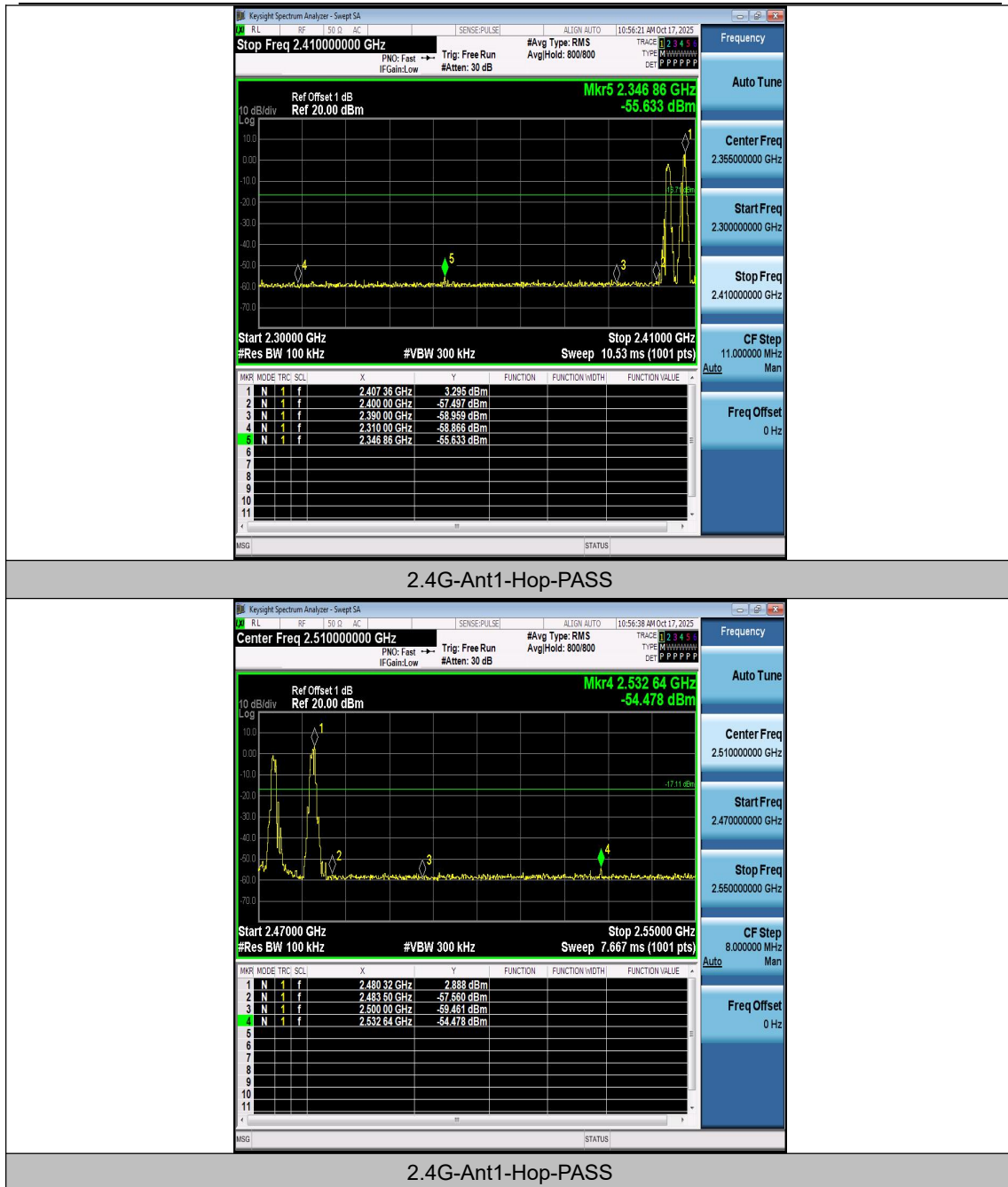
Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	1.46	-56.9	≤-18.54	PASS
2.4G	Ant1	High	2480	-0.75	-56.74	≤-20.75	PASS
2.4G	Ant1	Low	Hop	3.30	-55.63	≤-16.71	PASS
2.4G	Ant1	High	Hop	2.89	-54.48	≤-17.11	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





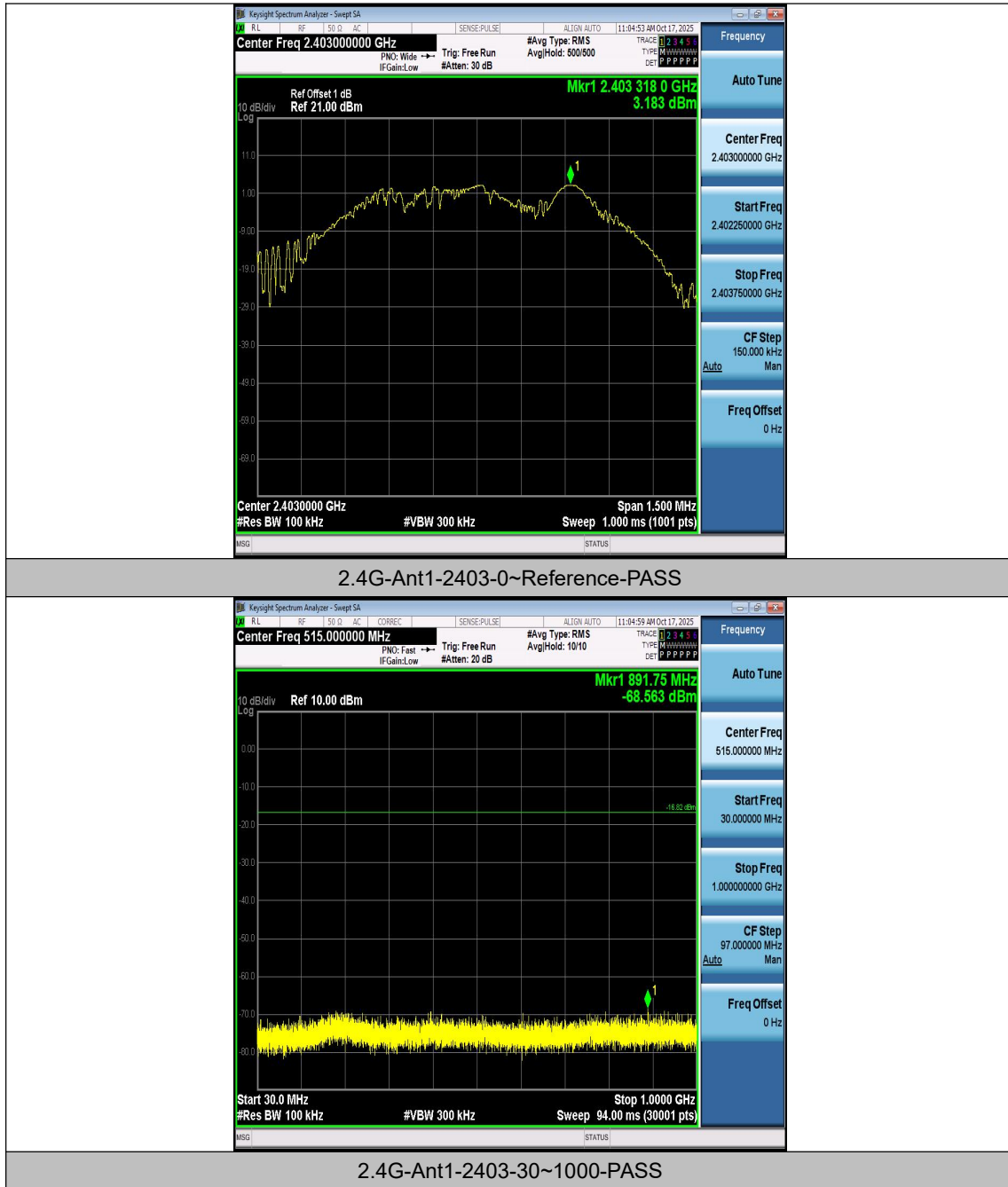
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	3.18	3.18	---	PASS
2.4G	Ant1	2403	30~1000	3.18	-68.56	≤-16.82	PASS
2.4G	Ant1	2403	1000~26500	3.18	-42.42	≤-16.82	PASS
2.4G	Ant1	2441	0~Reference	2.83	2.83	---	PASS
2.4G	Ant1	2441	30~1000	2.83	-68.69	≤-17.17	PASS
2.4G	Ant1	2441	1000~26500	2.83	-45.93	≤-17.17	PASS
2.4G	Ant1	2480	0~Reference	2.80	2.80	---	PASS
2.4G	Ant1	2480	30~1000	2.80	-68.9	≤-17.2	PASS
2.4G	Ant1	2480	1000~26500	2.80	-53.06	≤-17.2	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.

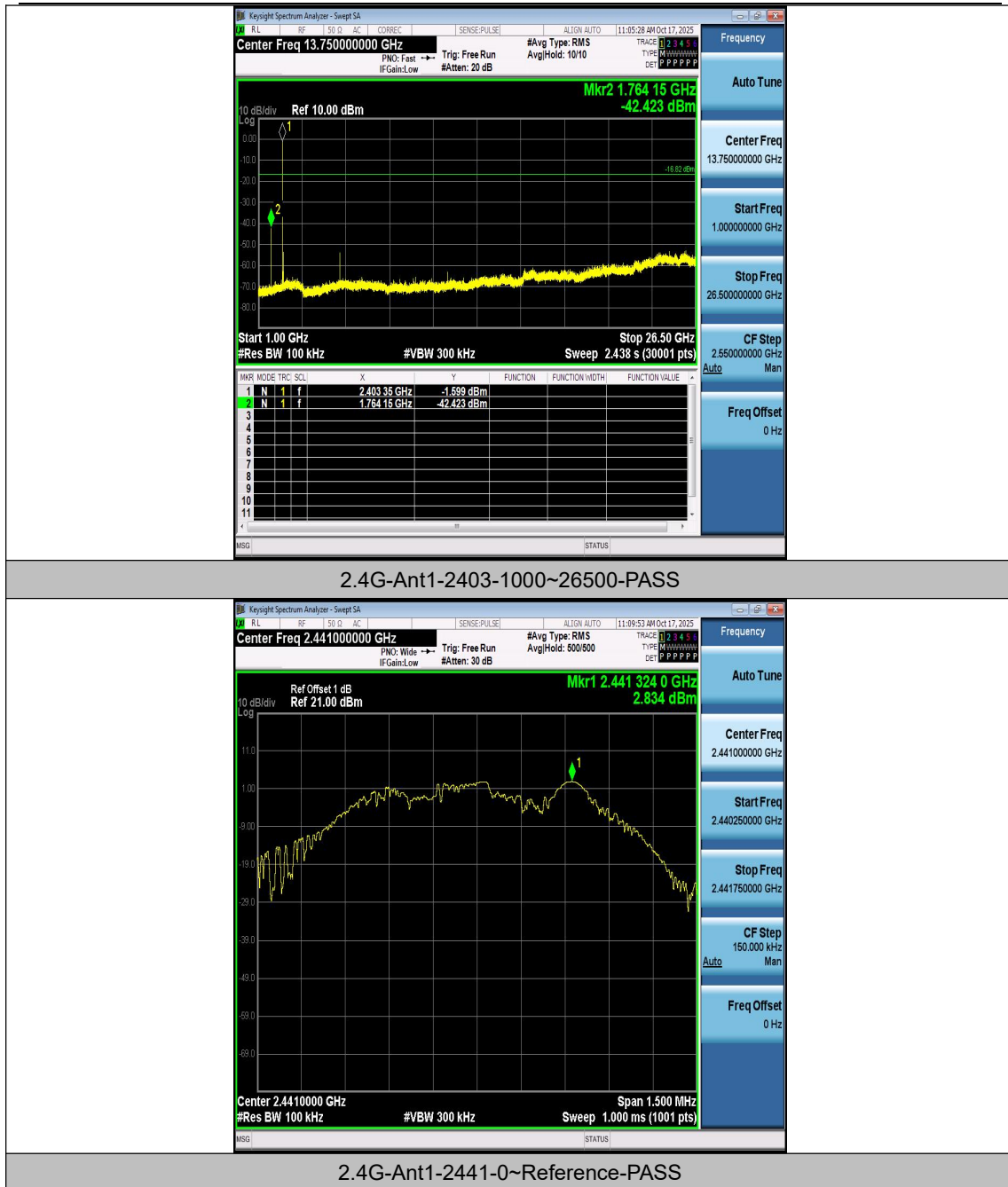
Test Graphs

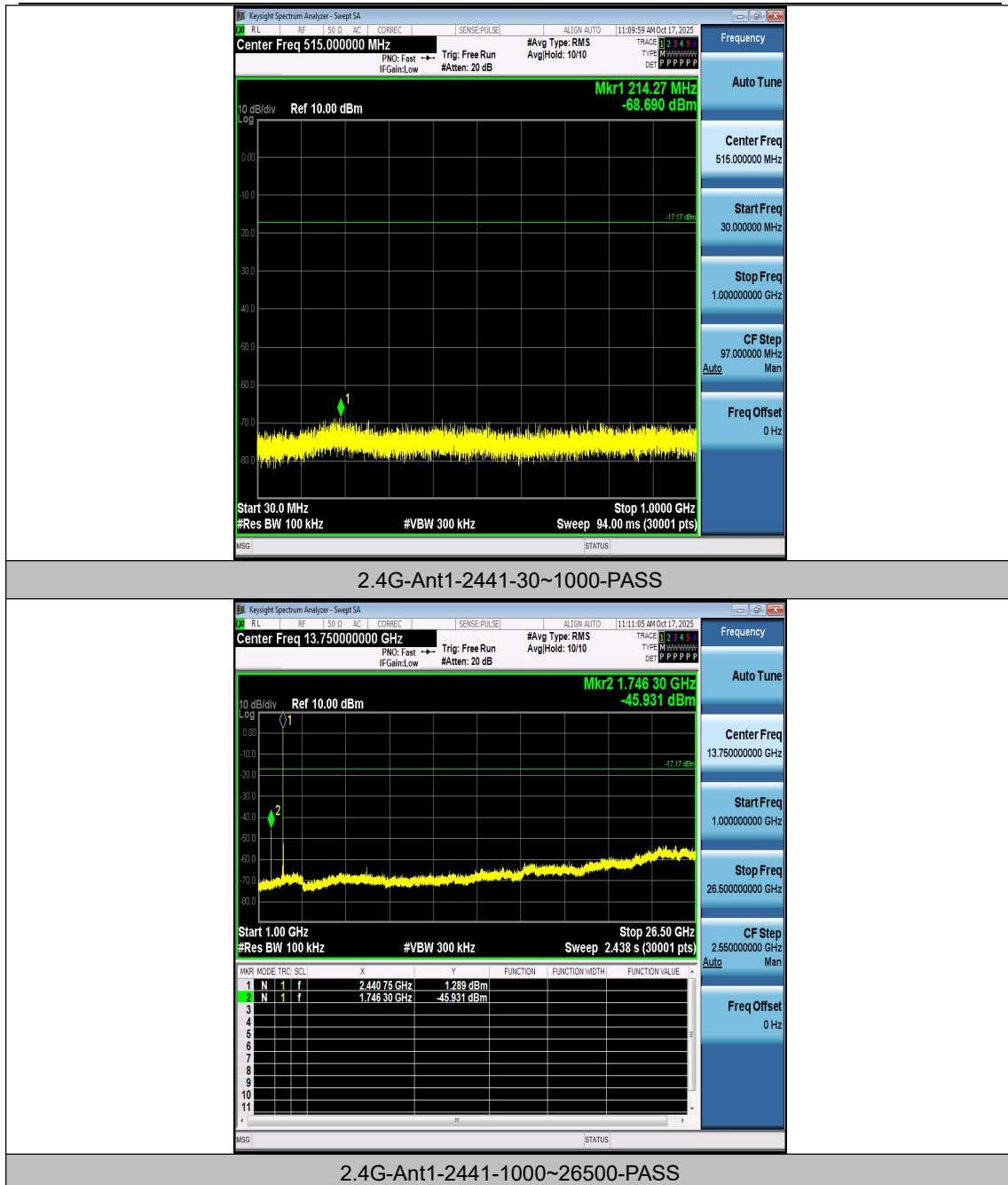


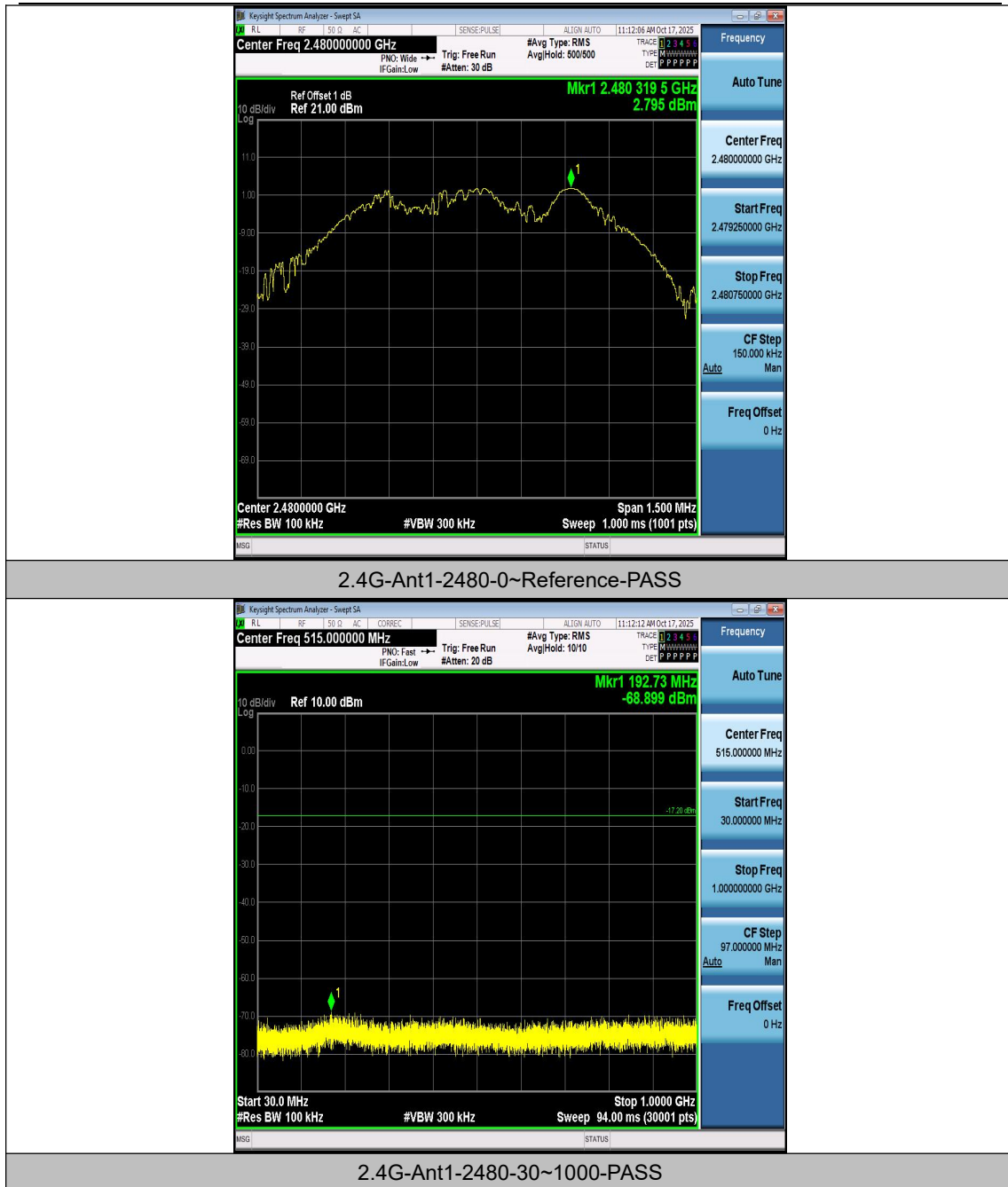
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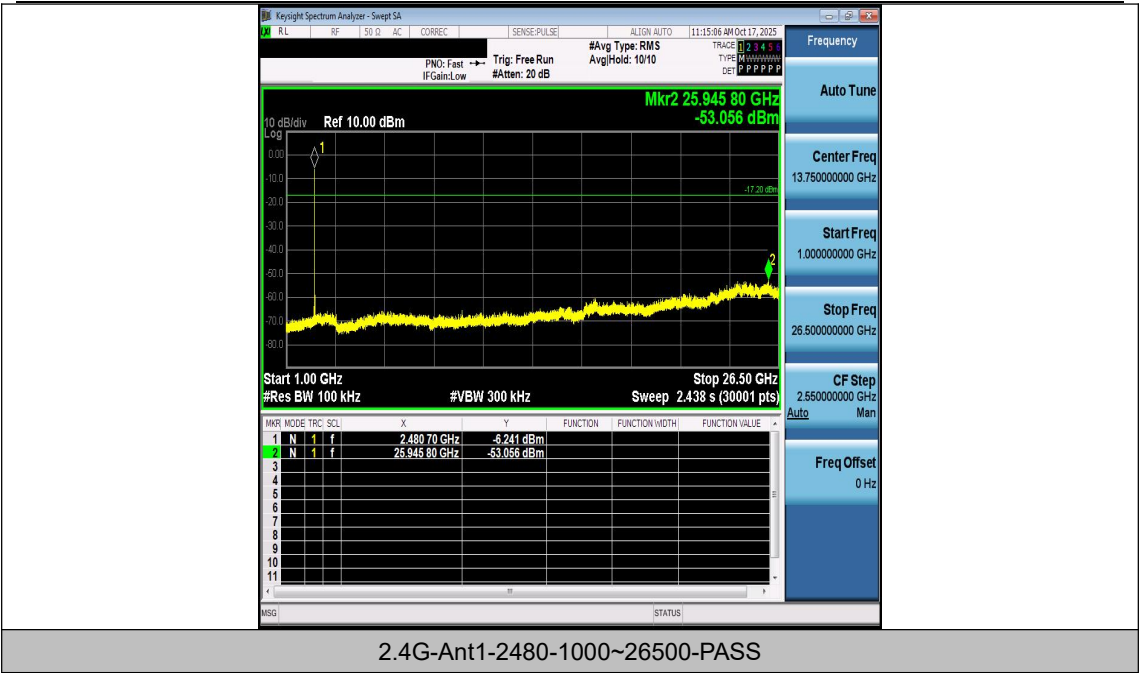




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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.20	3.96	5.05	12.97
2.4G	Ant1	2441	0.19	3.96	4.80	13.19
2.4G	Ant1	2480	0.19	3.96	4.80	13.19

Test Graphs

