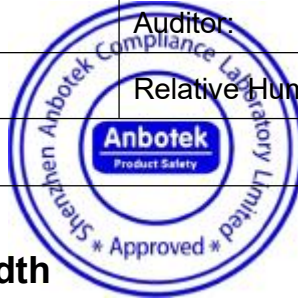


Appendix Test Data

Report No.:	1812C50566012502-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-28	Finish Test Date:	2025-10-30
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	25.1°C	Relative Humidity:	50%
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	2402	1.035	2401.484	2402.519	---	---
2.4G	Ant1	2441	1.029	2440.490	2441.519	---	---
2.4G	Ant1	2480	1.032	2479.490	2480.522	---	---

Test Graphs



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2.4G-Ant1-2480

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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	2402	0.92010	2401.5454	2402.4655	---	---
2.4G	Ant1	2441	0.93146	2440.5354	2441.4668	---	---
2.4G	Ant1	2480	0.94812	2479.5306	2480.4787	---	---

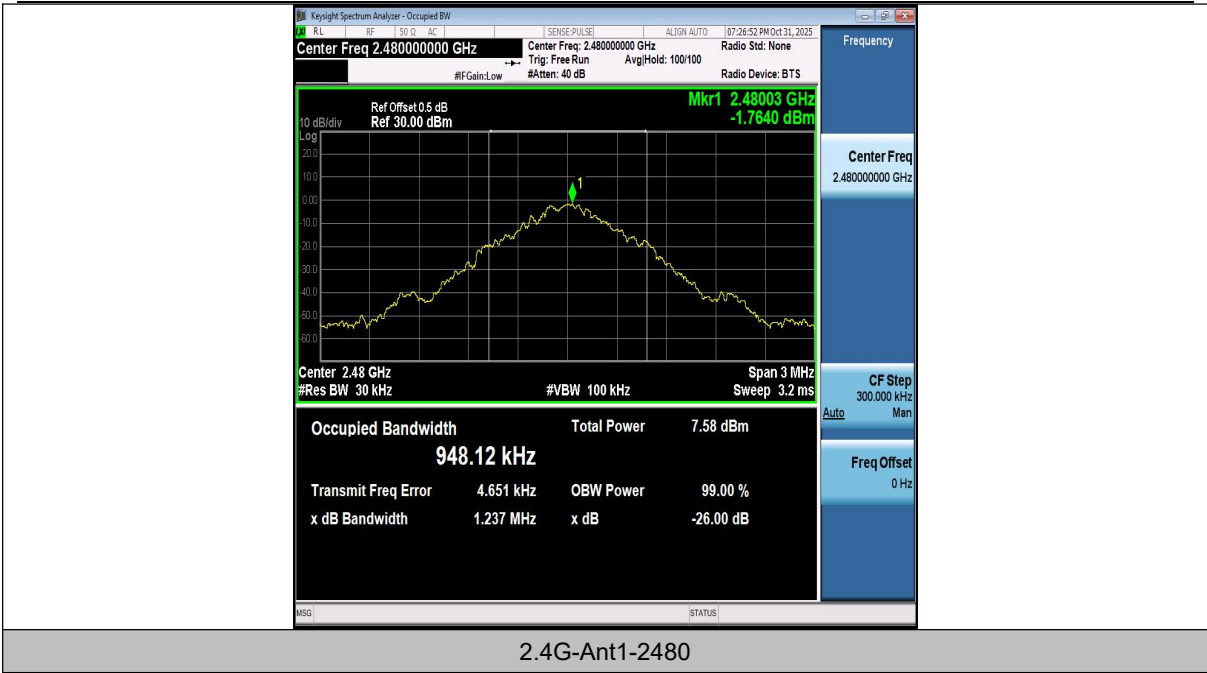
Test Graphs



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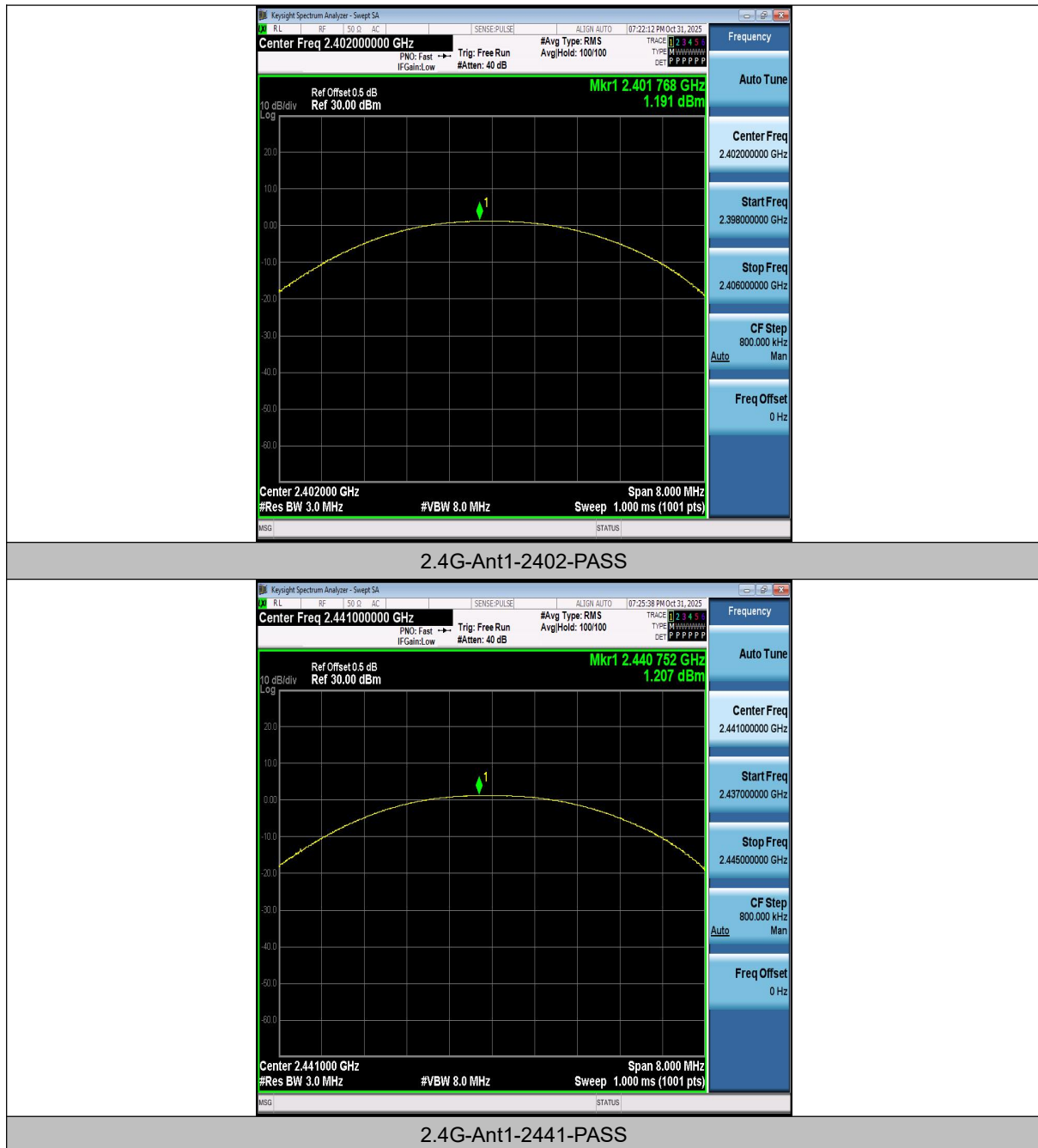
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Appendix C: Maximum Conducted Output Power

Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402	1.19	≤20.97	PASS
2.4G	Ant1	2441	1.21	≤20.97	PASS
2.4G	Ant1	2480	1.03	≤20.97	PASS

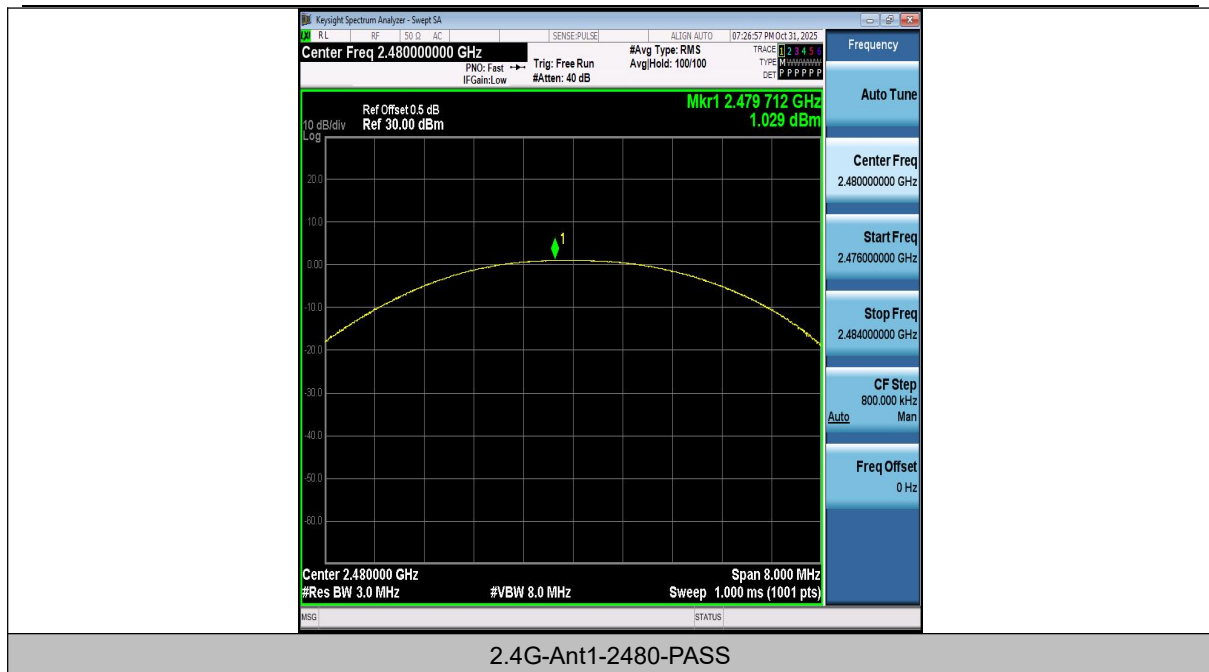
Test Graphs



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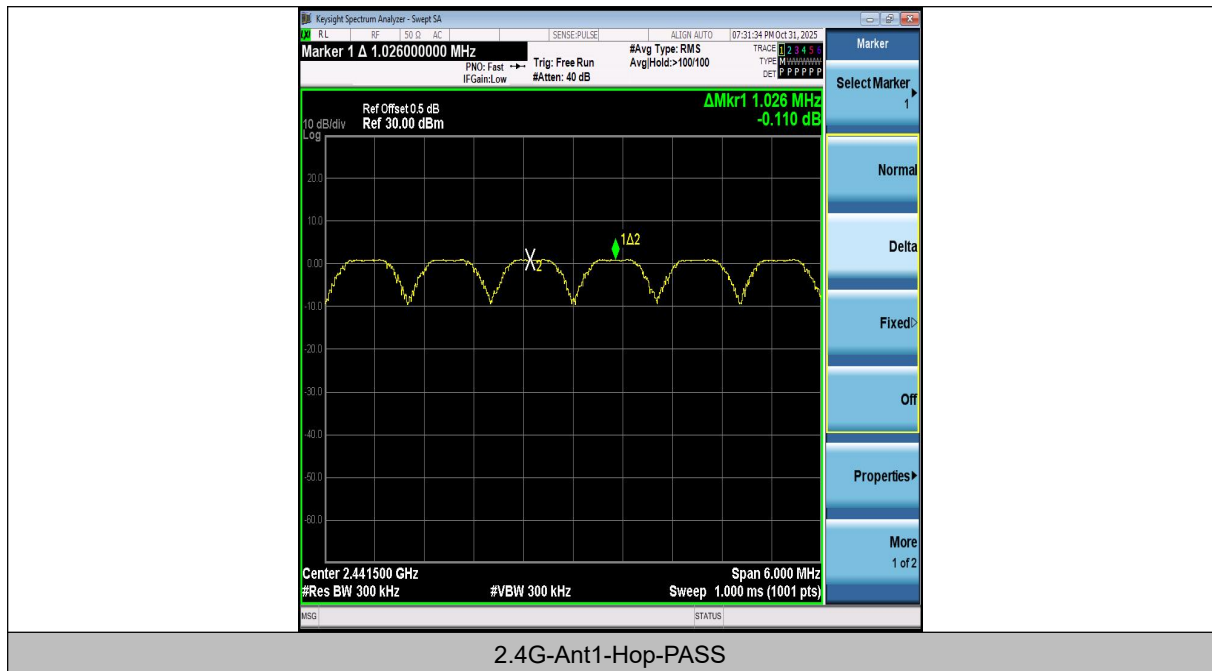
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	1.026	>0.69	PASS

Test Graphs

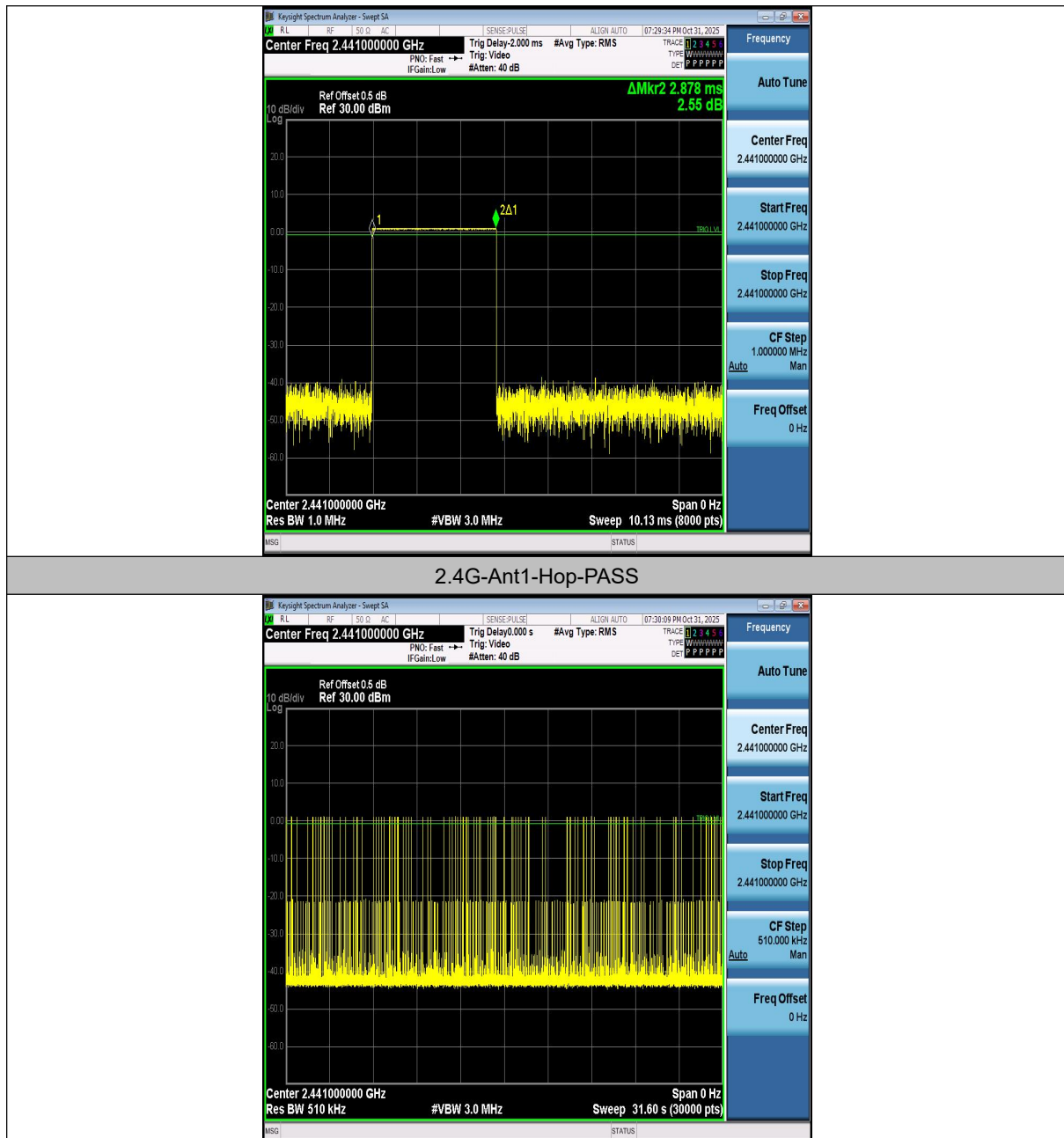


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	2.878	109	0.314	≤0.4	PASS

Test Graphs

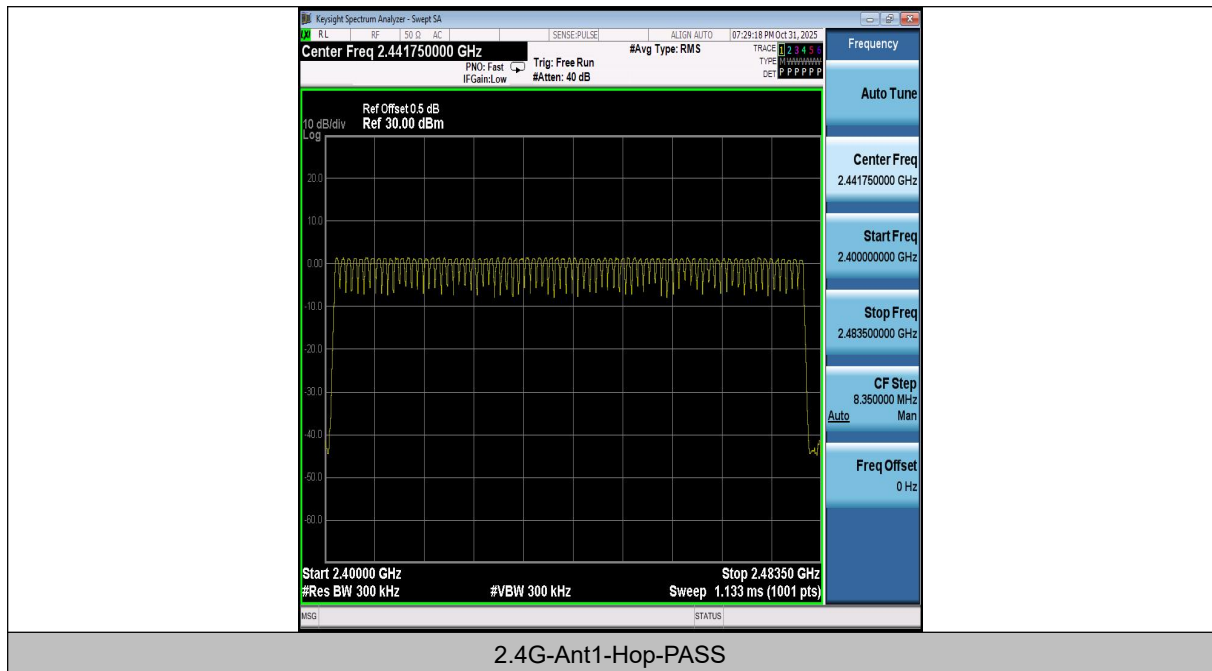


Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
2.4G	Ant1	Hop	79	≥15	PASS

Test Graphs



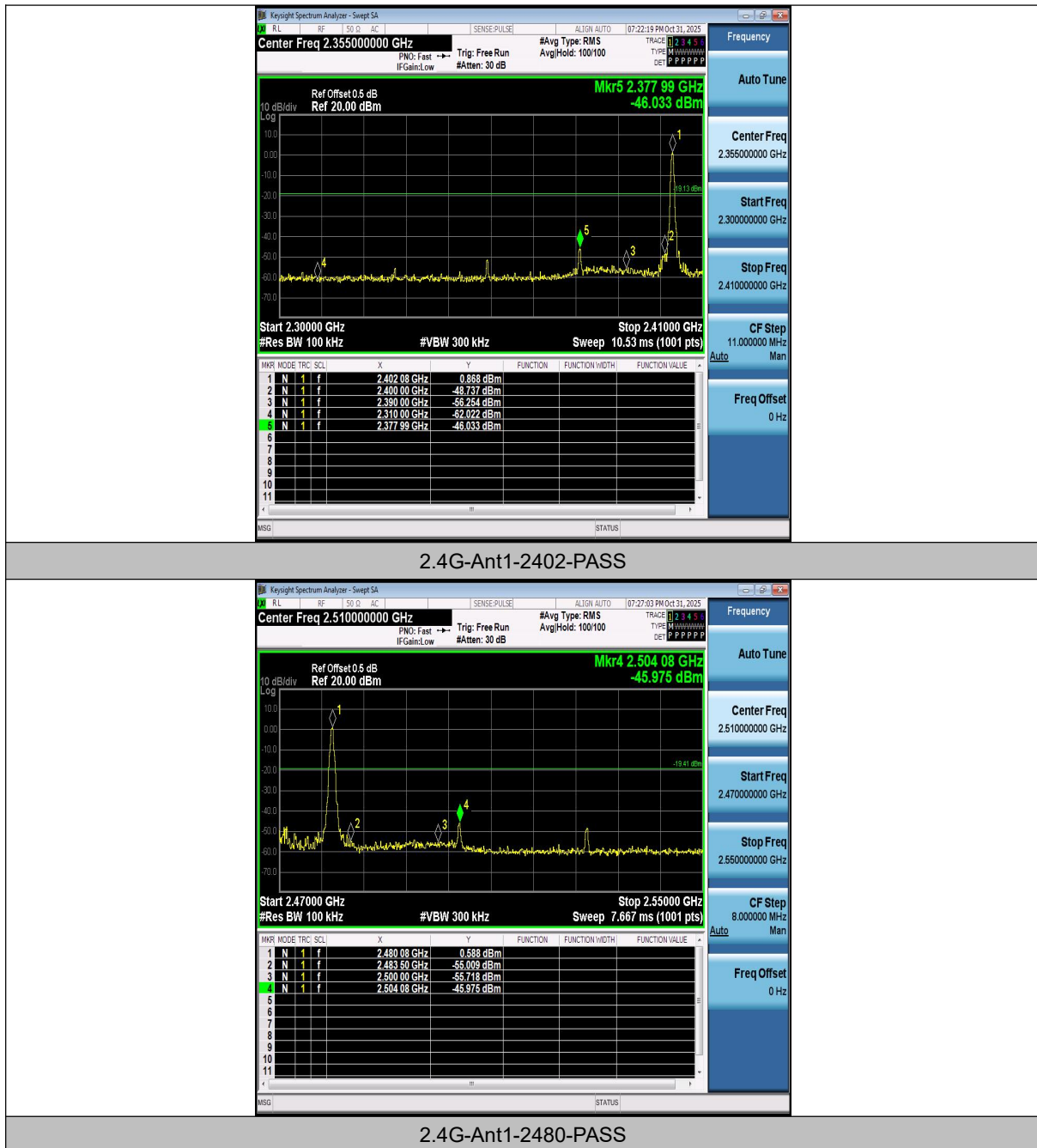
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402	0.87	-46.03	≤-19.13	PASS
2.4G	Ant1	High	2480	0.59	-45.98	≤-19.41	PASS
2.4G	Ant1	Low	Hop	0.89	-45.42	≤-19.11	PASS
2.4G	Ant1	High	Hop	0.80	-46.38	≤-19.2	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.

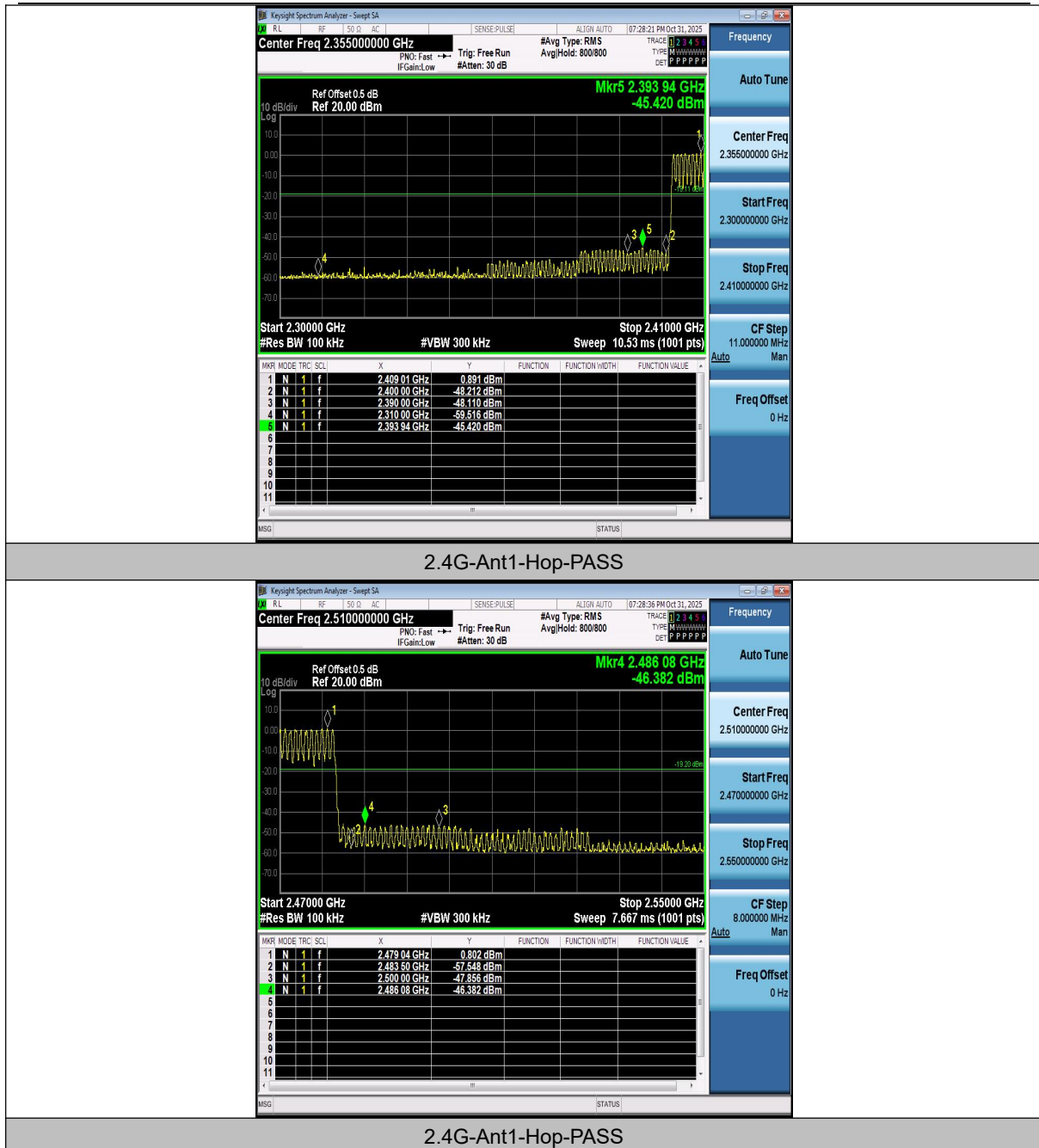
Test Graphs



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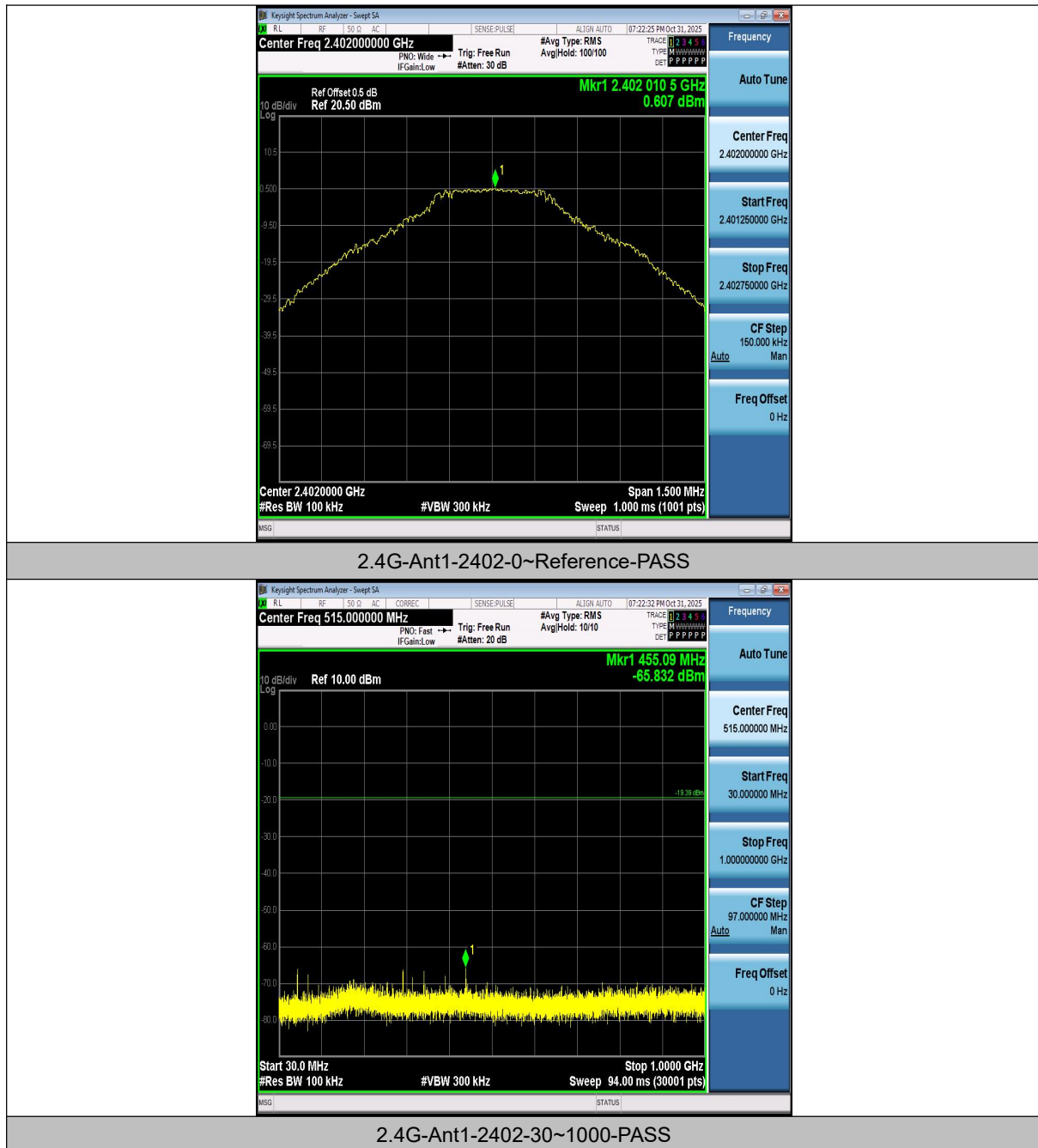
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	0~Reference	0.61	0.61	---	PASS
2.4G	Ant1	2402	30~1000	0.61	-65.83	≤-19.39	PASS
2.4G	Ant1	2402	1000~26500	0.61	-43.49	≤-19.39	PASS
2.4G	Ant1	2441	0~Reference	0.71	0.71	---	PASS
2.4G	Ant1	2441	30~1000	0.71	-65.19	≤-19.29	PASS
2.4G	Ant1	2441	1000~26500	0.71	-42.41	≤-19.29	PASS
2.4G	Ant1	2480	0~Reference	0.36	0.36	---	PASS
2.4G	Ant1	2480	30~1000	0.36	-64.93	≤-19.64	PASS
2.4G	Ant1	2480	1000~26500	0.36	-38.69	≤-19.64	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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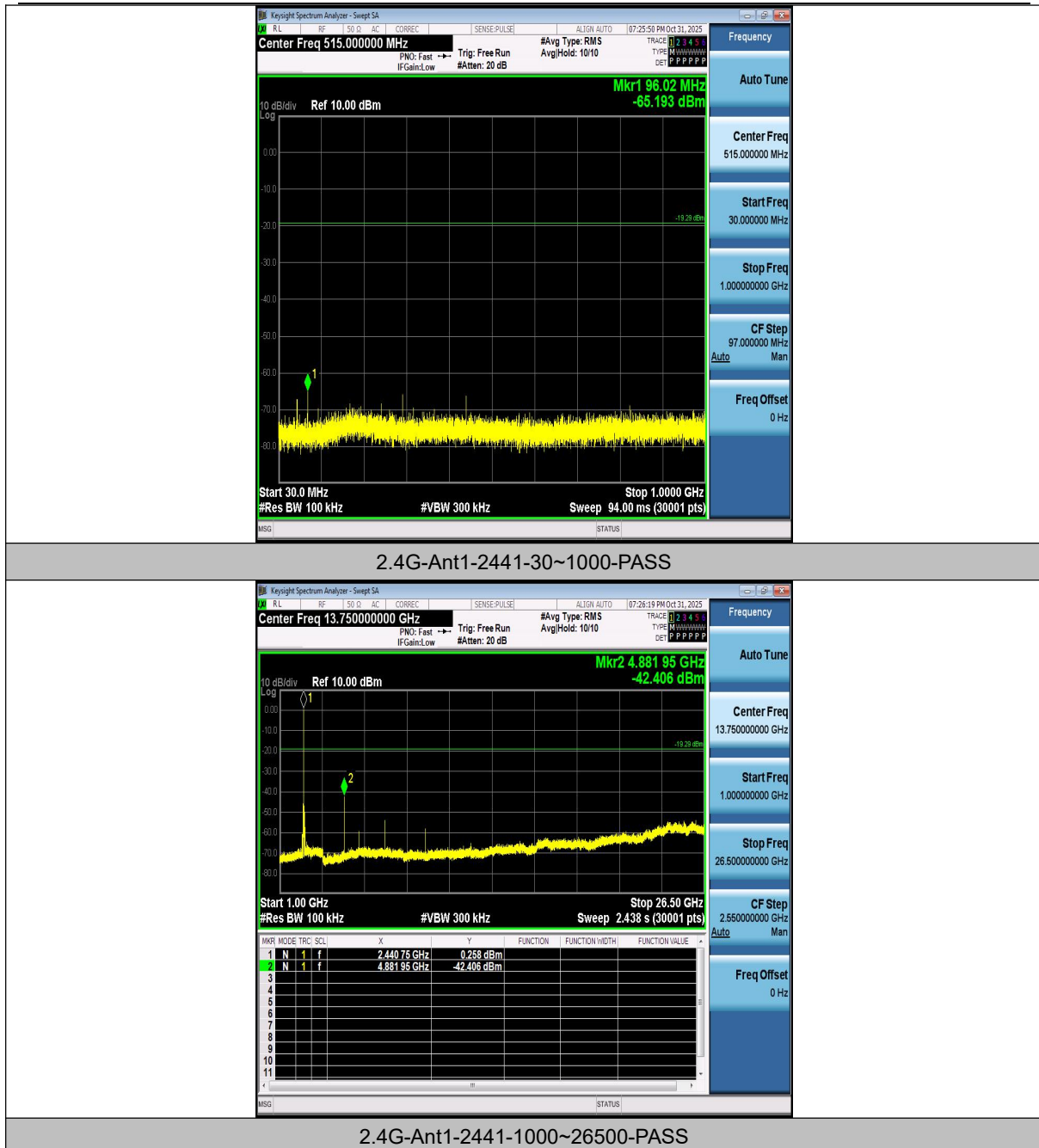
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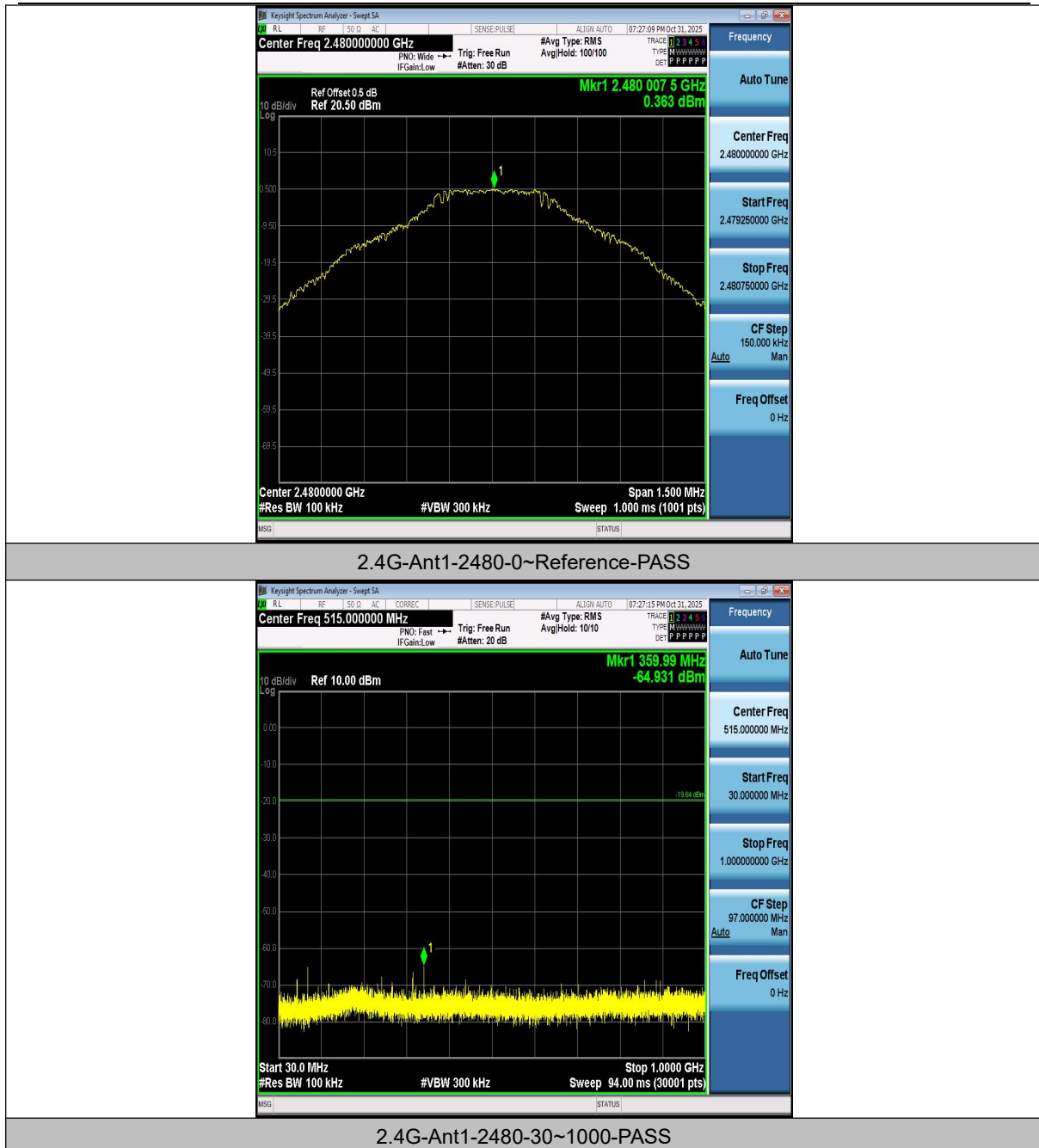
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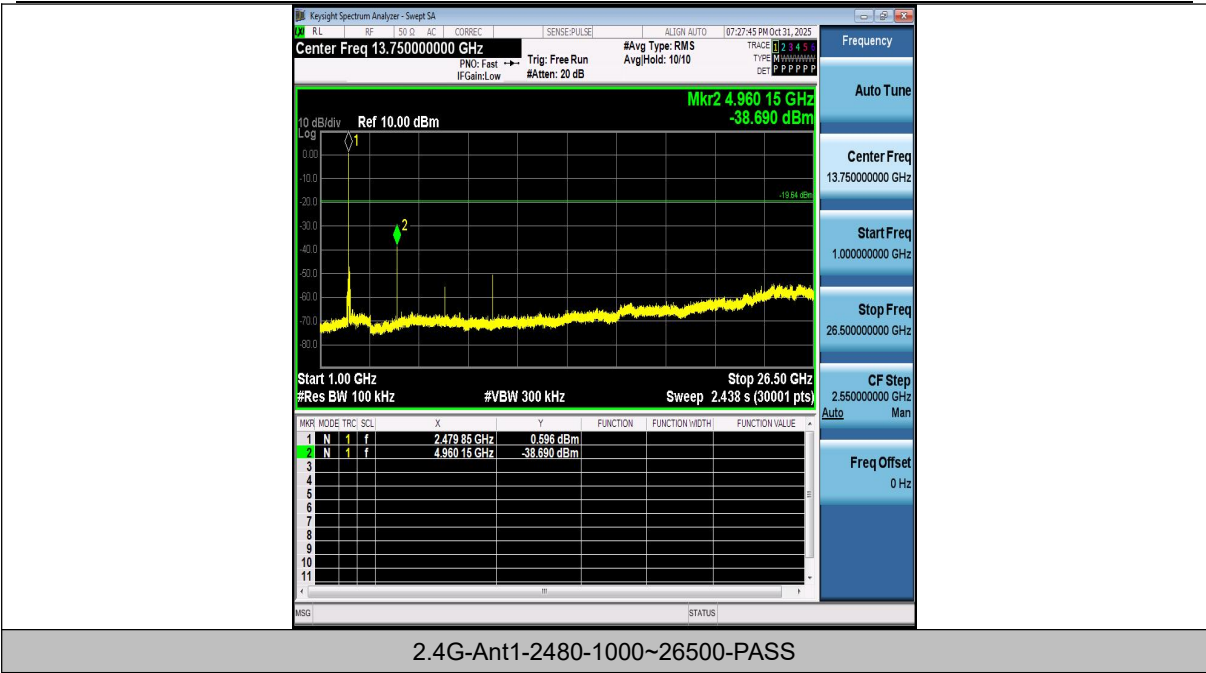
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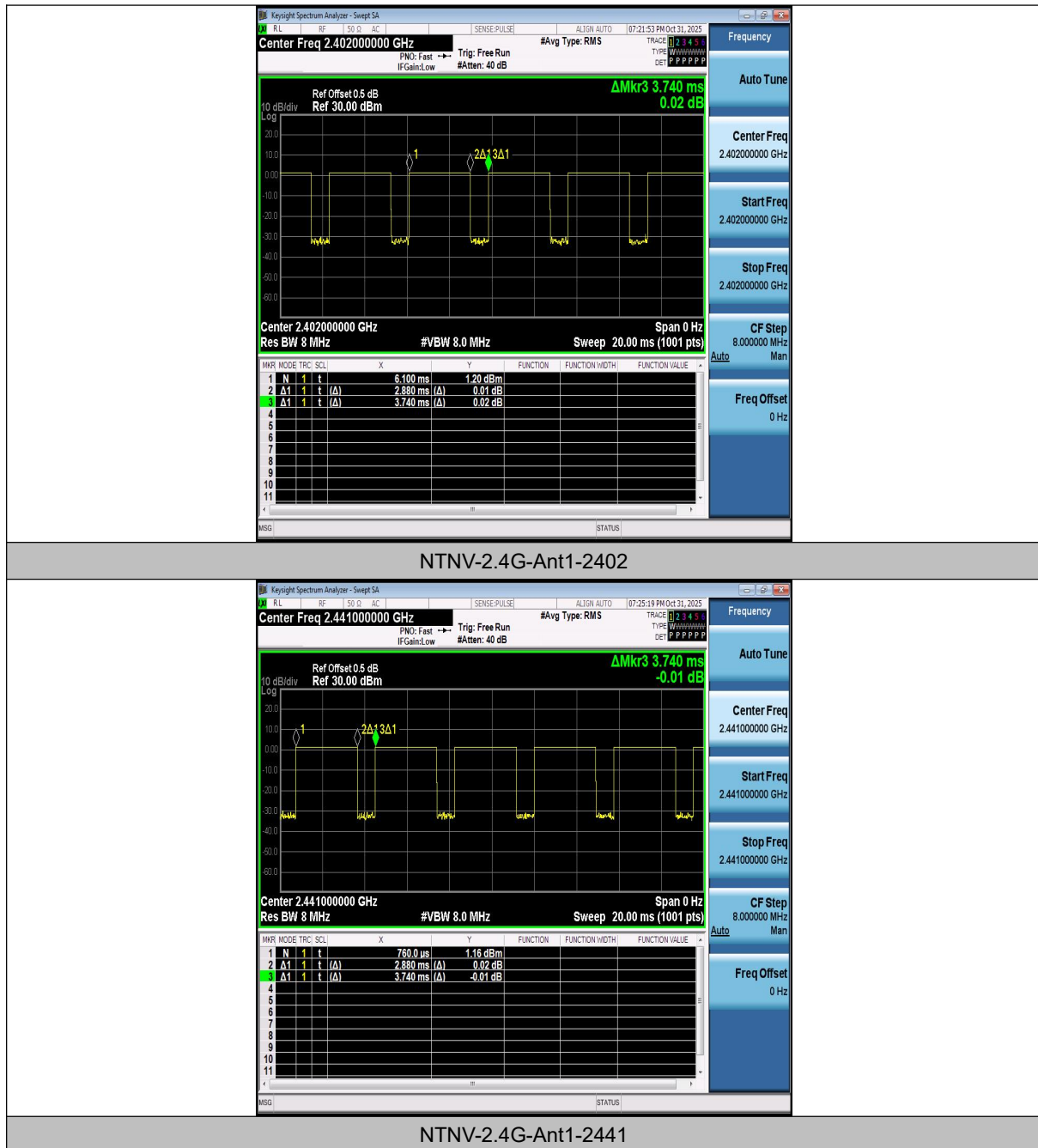
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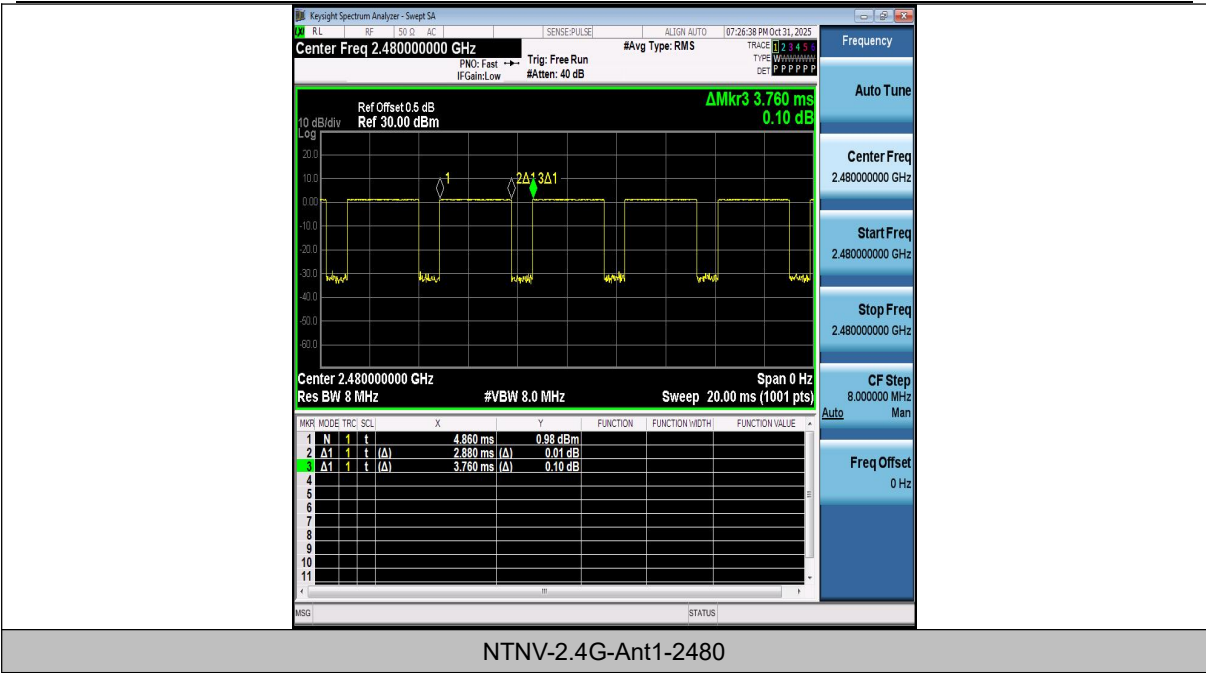
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2402	2.88	3.74	77.01	1.13
2.4G	Ant1	2441	2.88	3.74	77.01	1.13
2.4G	Ant1	2480	2.88	3.76	76.60	1.16

Test Graphs





---End---