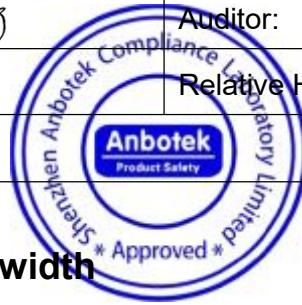


Appendix Test Data

Report No.:	1812C50555812501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-22	Finish Test Date:	2025-11-06
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	26°C	Relative Humidity:	46%
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	2401.463	2402.498	---	---
2.4G	Ant1	2441	1.005	2440.484	2441.489	---	---
2.4G	Ant1	2480	1.050	2479.472	2480.522	---	---

Test Graphs



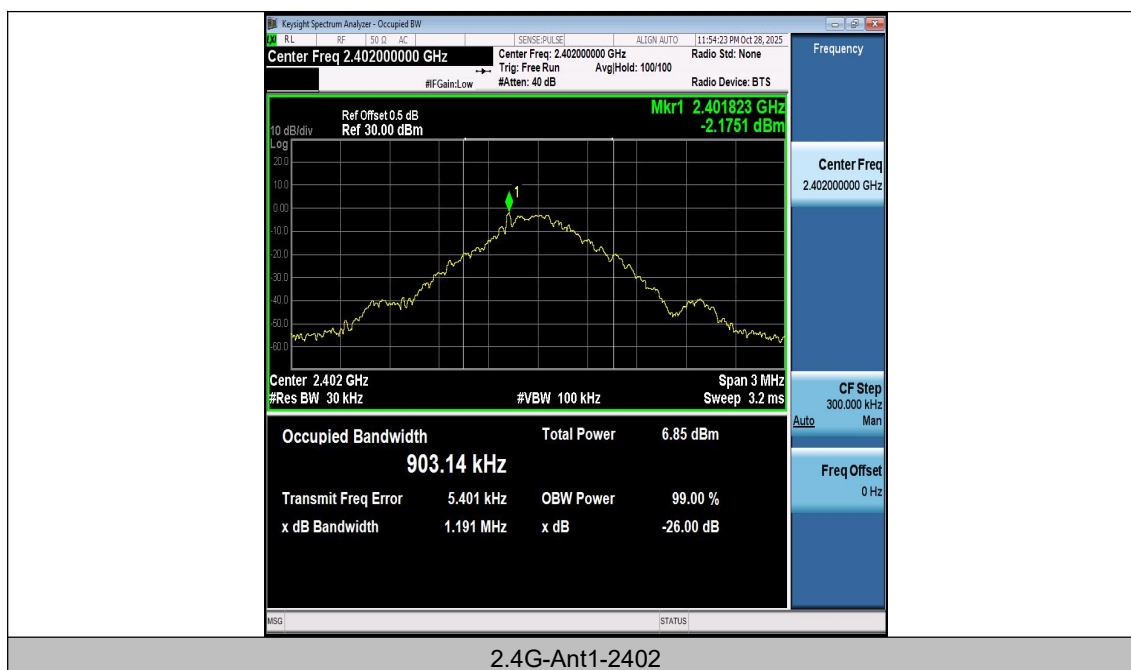


Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	0.90314	2401.5538	2402.4570	---	---
2.4G	Ant1	2441	0.93416	2440.5374	2441.4715	---	---
2.4G	Ant1	2480	1.0575	2479.4777	2480.5352	---	---

Test Graphs





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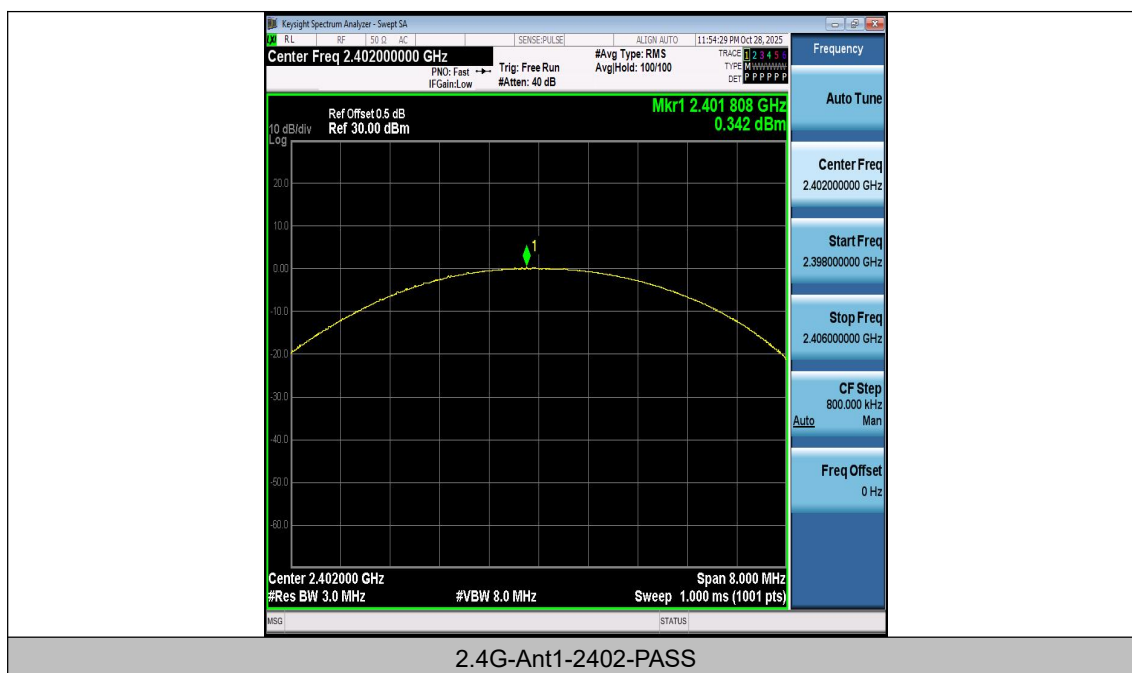
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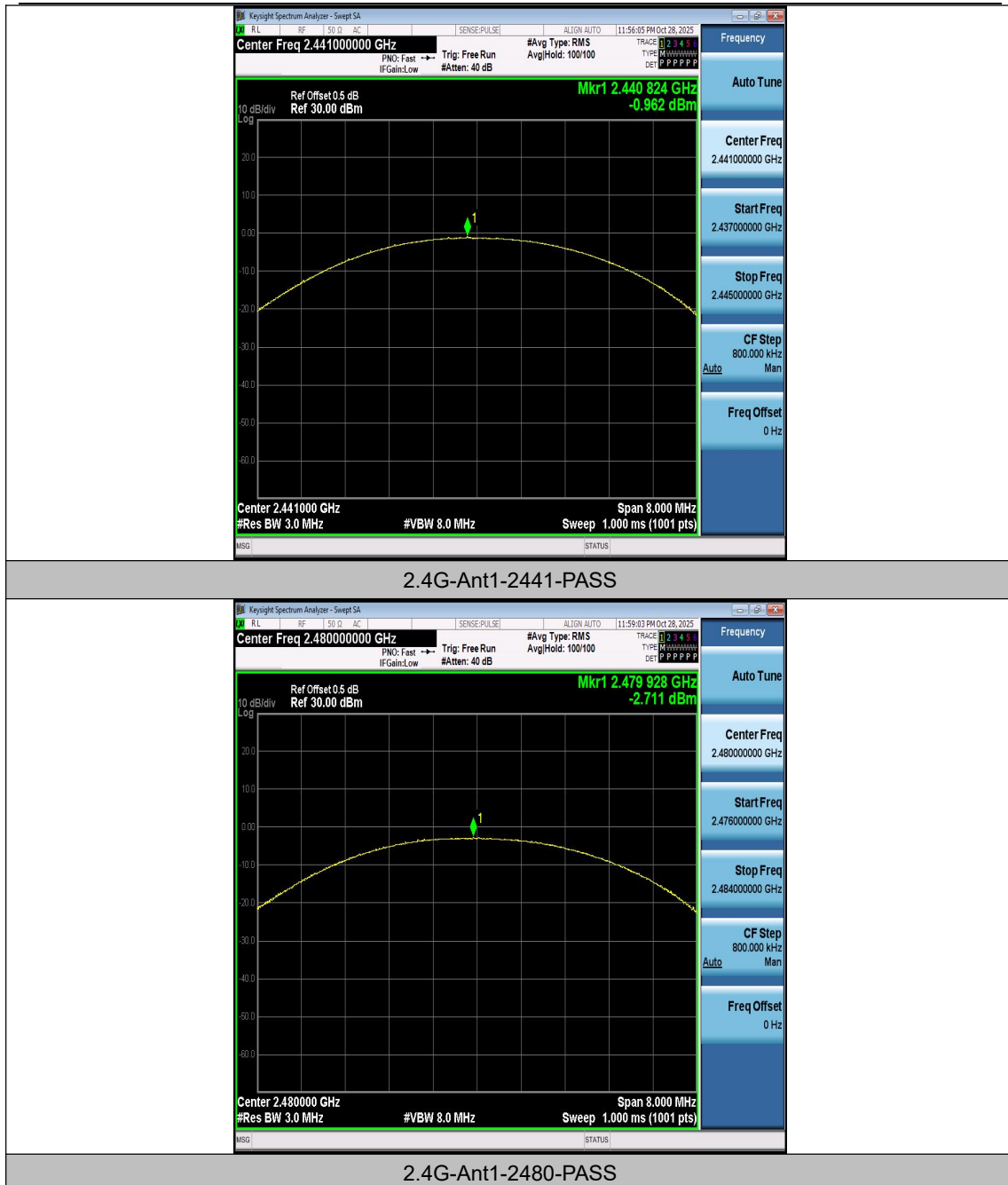
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402	0.34	≤20.97	PASS
2.4G	Ant1	2441	-0.96	≤20.97	PASS
2.4G	Ant1	2480	-2.71	≤20.97	PASS

Test Graphs





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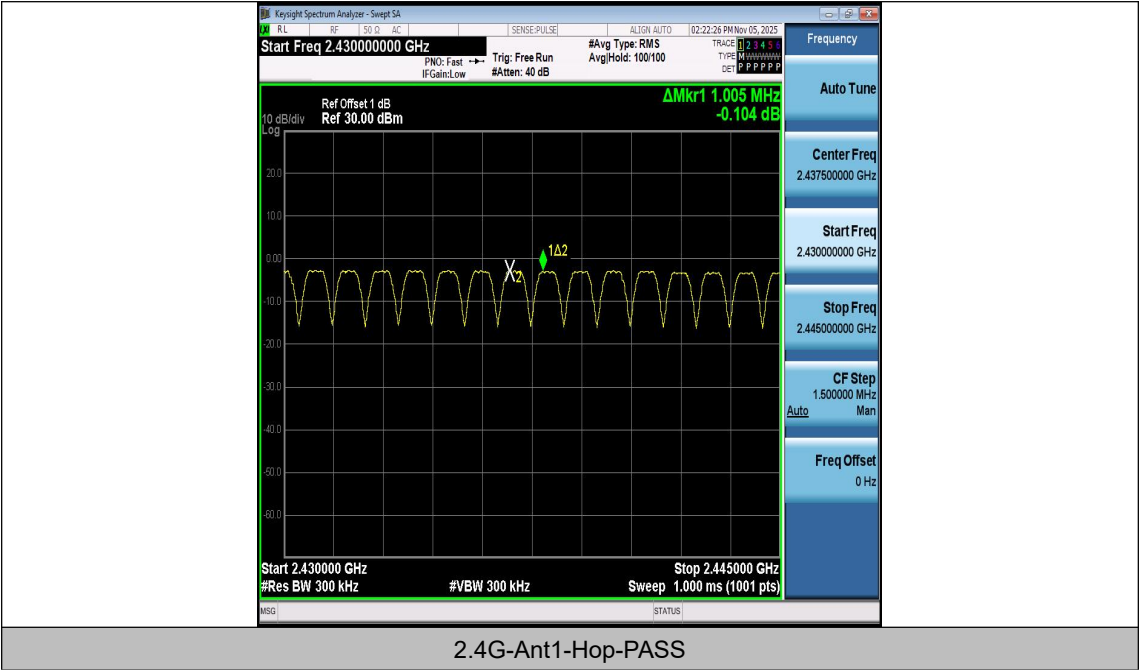
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	ANT1	Hop	1.005	>0.7	PASS

Test Graphs

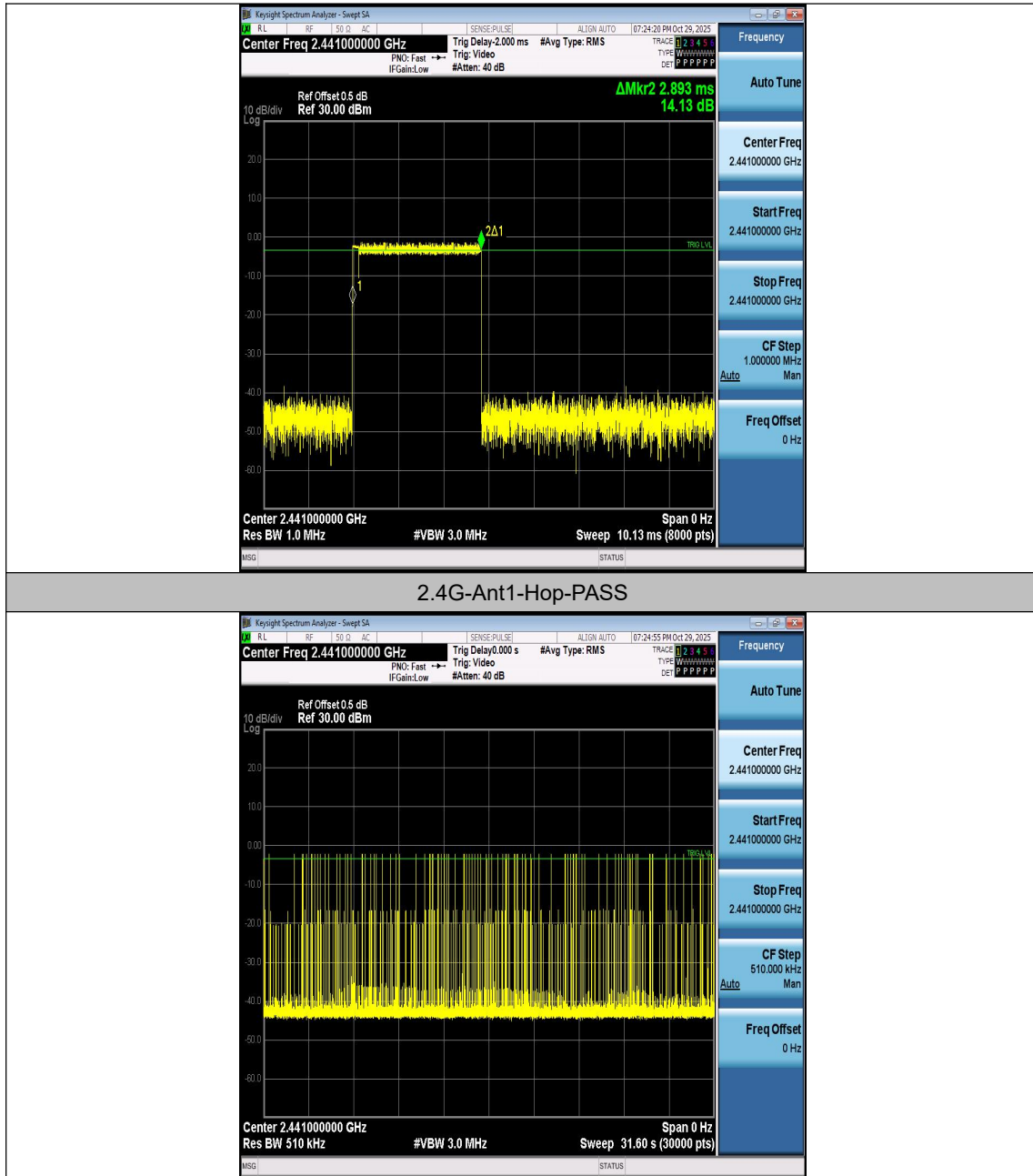


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	2.893	102	0.295	≤0.4	PASS

Test Graphs



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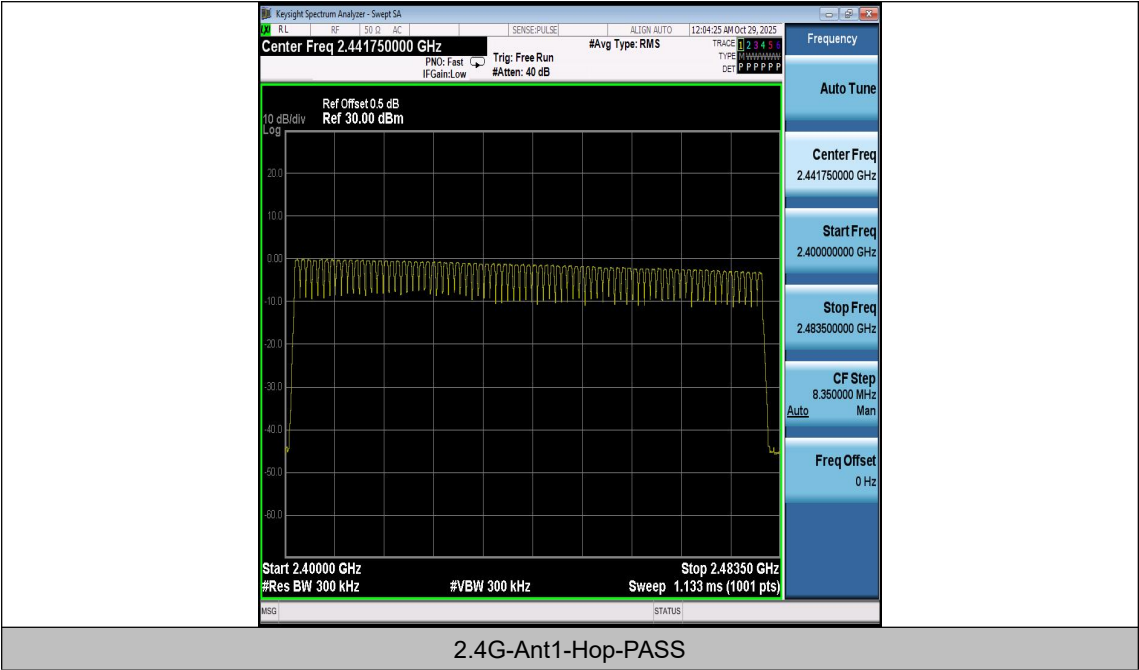
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

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



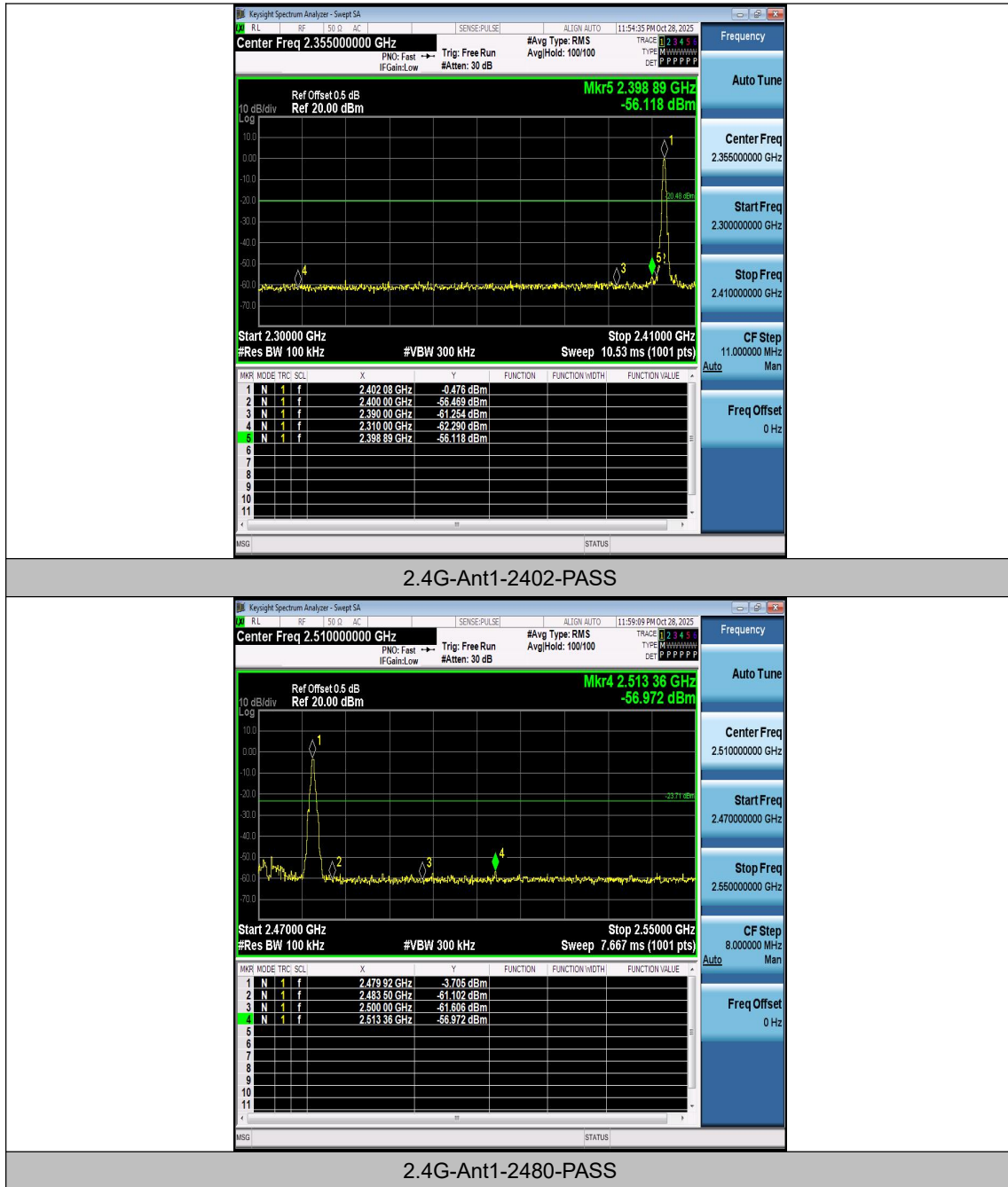
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402	-0.48	-56.12	≤-20.48	PASS
2.4G	Ant1	High	2480	-3.71	-56.97	≤-23.71	PASS
2.4G	Ant1	Low	Hop	-0.68	-57.78	≤-20.68	PASS
2.4G	Ant1	High	Hop	-3.47	-57.27	≤-23.47	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.

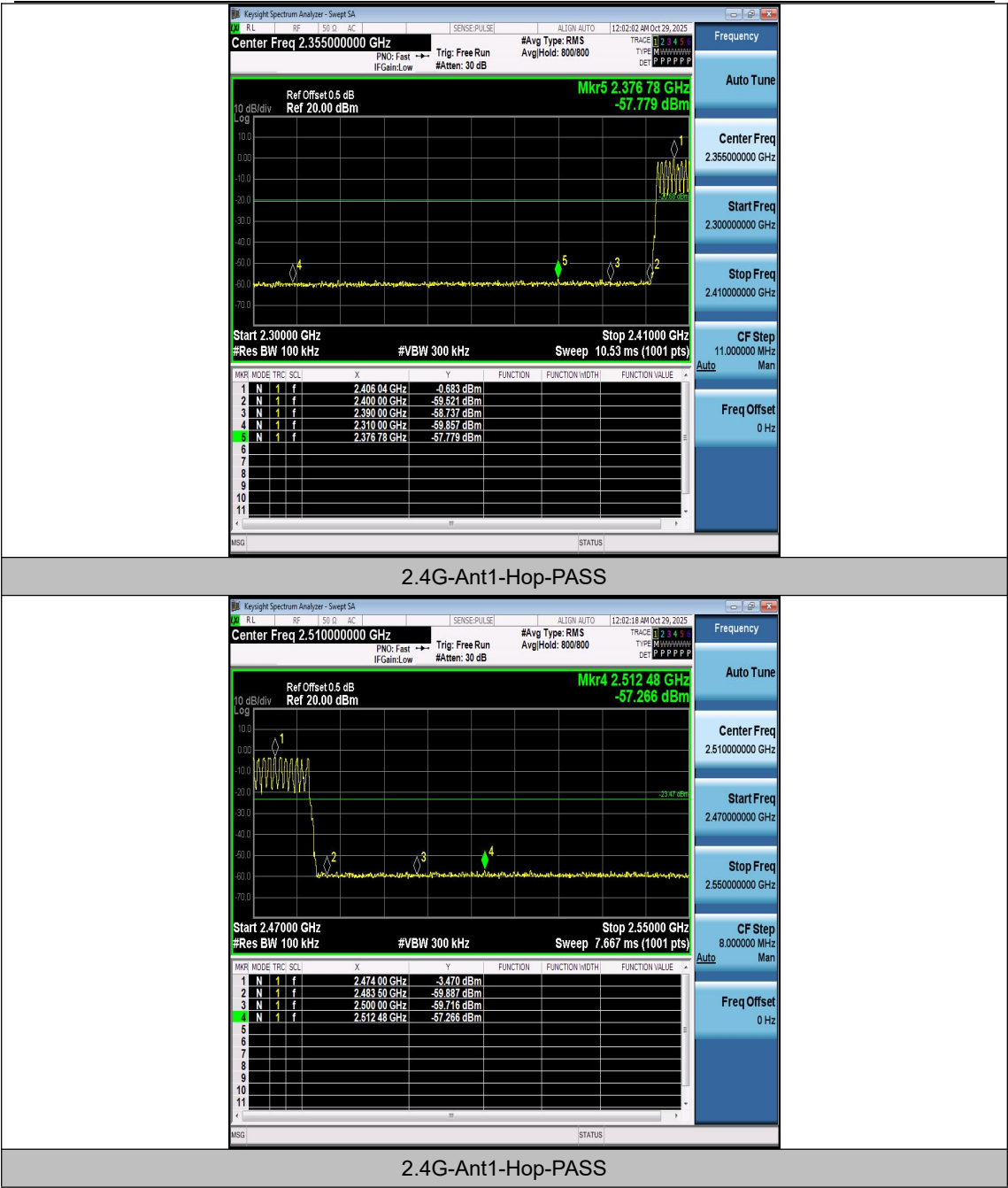
Test Graphs



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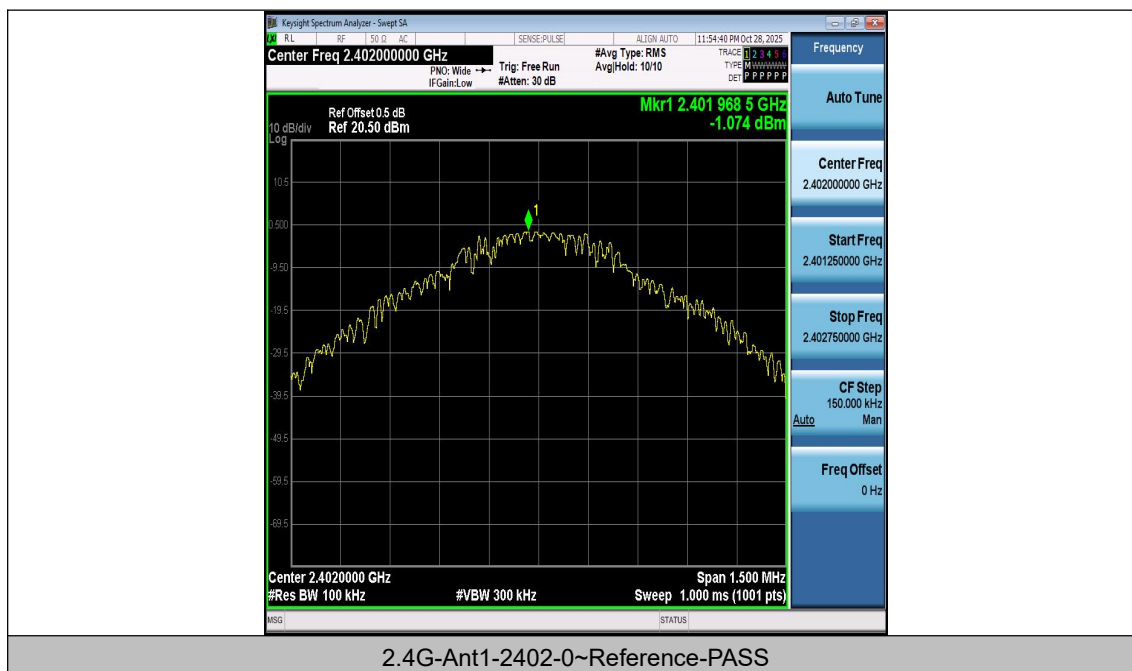
Appendix H: Conducted Spurious Emission

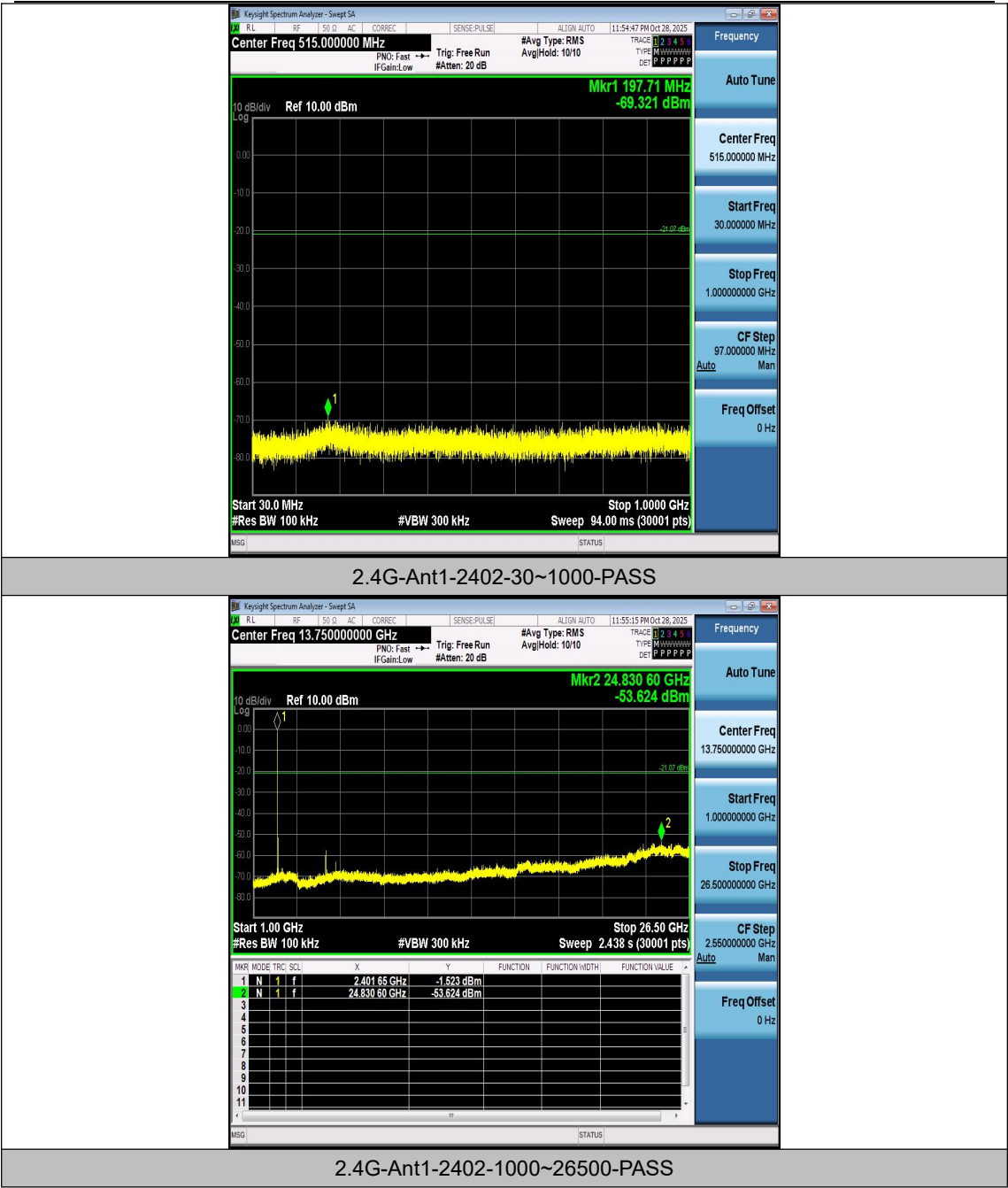
Test Result

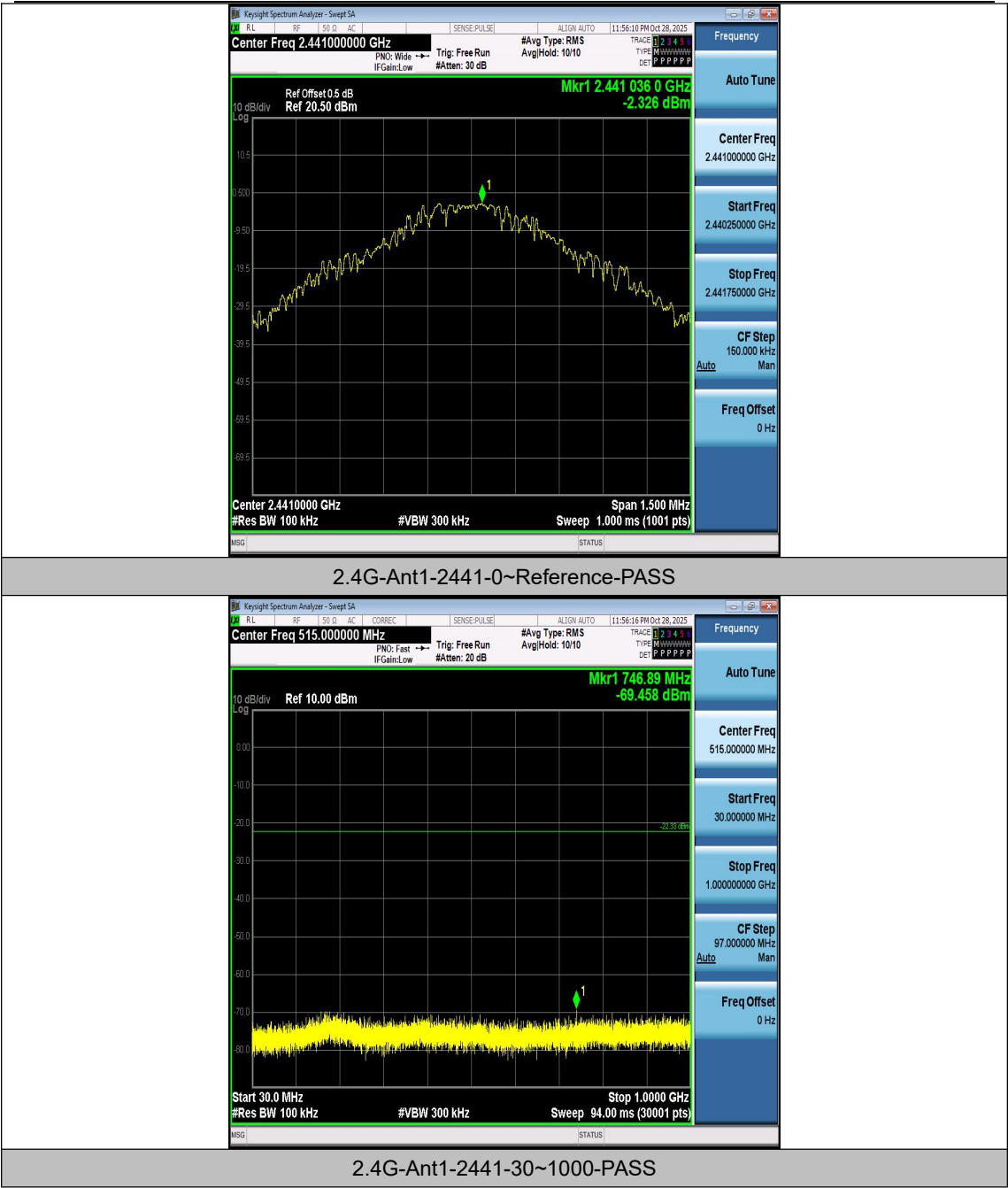
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	0~Reference	-1.07	-1.07	---	PASS
2.4G	Ant1	2402	30~1000	-1.07	-69.32	≤-21.07	PASS
2.4G	Ant1	2402	1000~26500	-1.07	-53.62	≤-21.07	PASS
2.4G	Ant1	2441	0~Reference	-2.33	-2.33	---	PASS
2.4G	Ant1	2441	30~1000	-2.33	-69.46	≤-22.33	PASS
2.4G	Ant1	2441	1000~26500	-2.33	-54.07	≤-22.33	PASS
2.4G	Ant1	2480	0~Reference	-4.00	-4.00	---	PASS
2.4G	Ant1	2480	30~1000	-4.00	-68.75	≤-24	PASS
2.4G	Ant1	2480	1000~26500	-4.00	-53.44	≤-24	PASS

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

Test Graphs

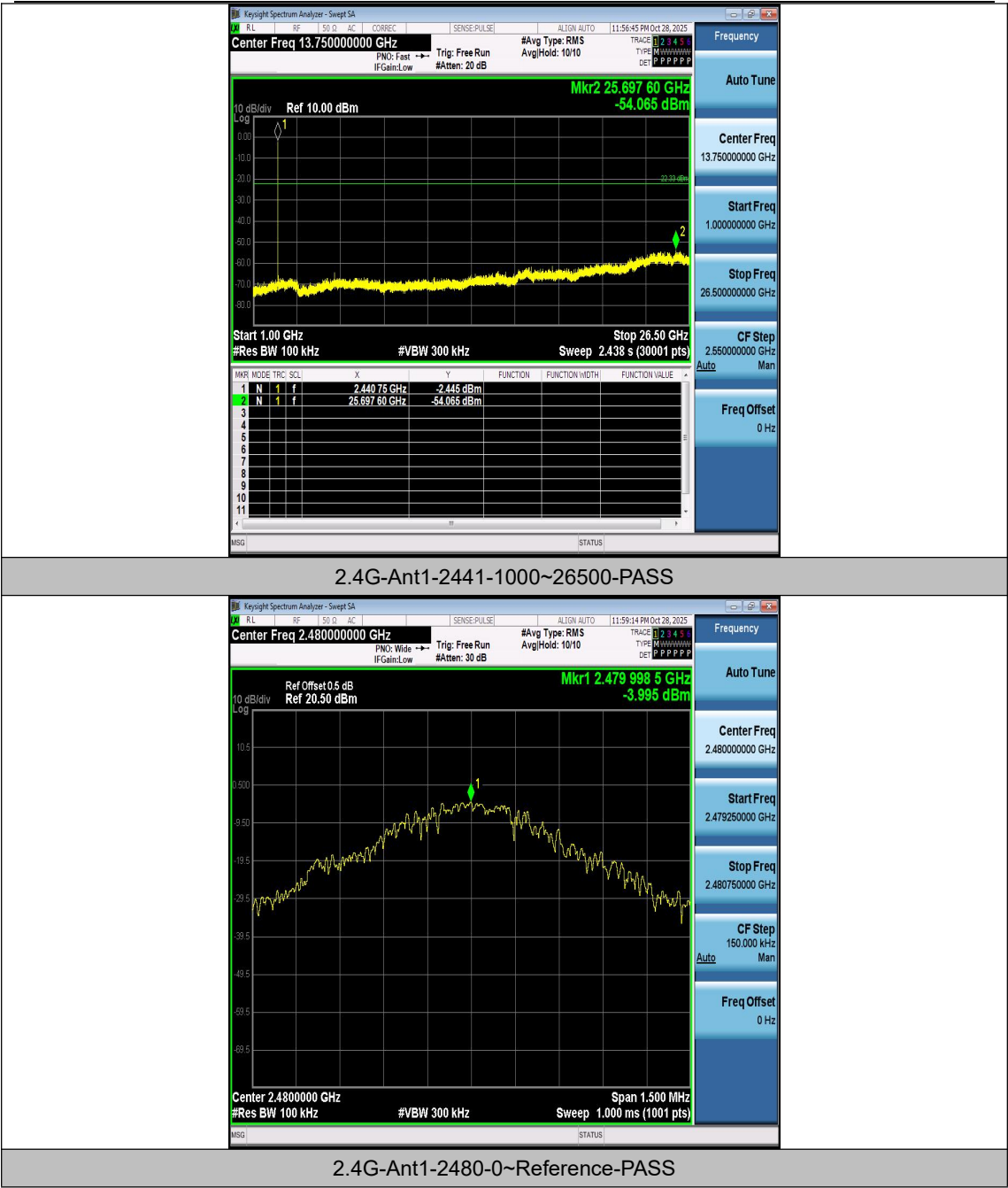


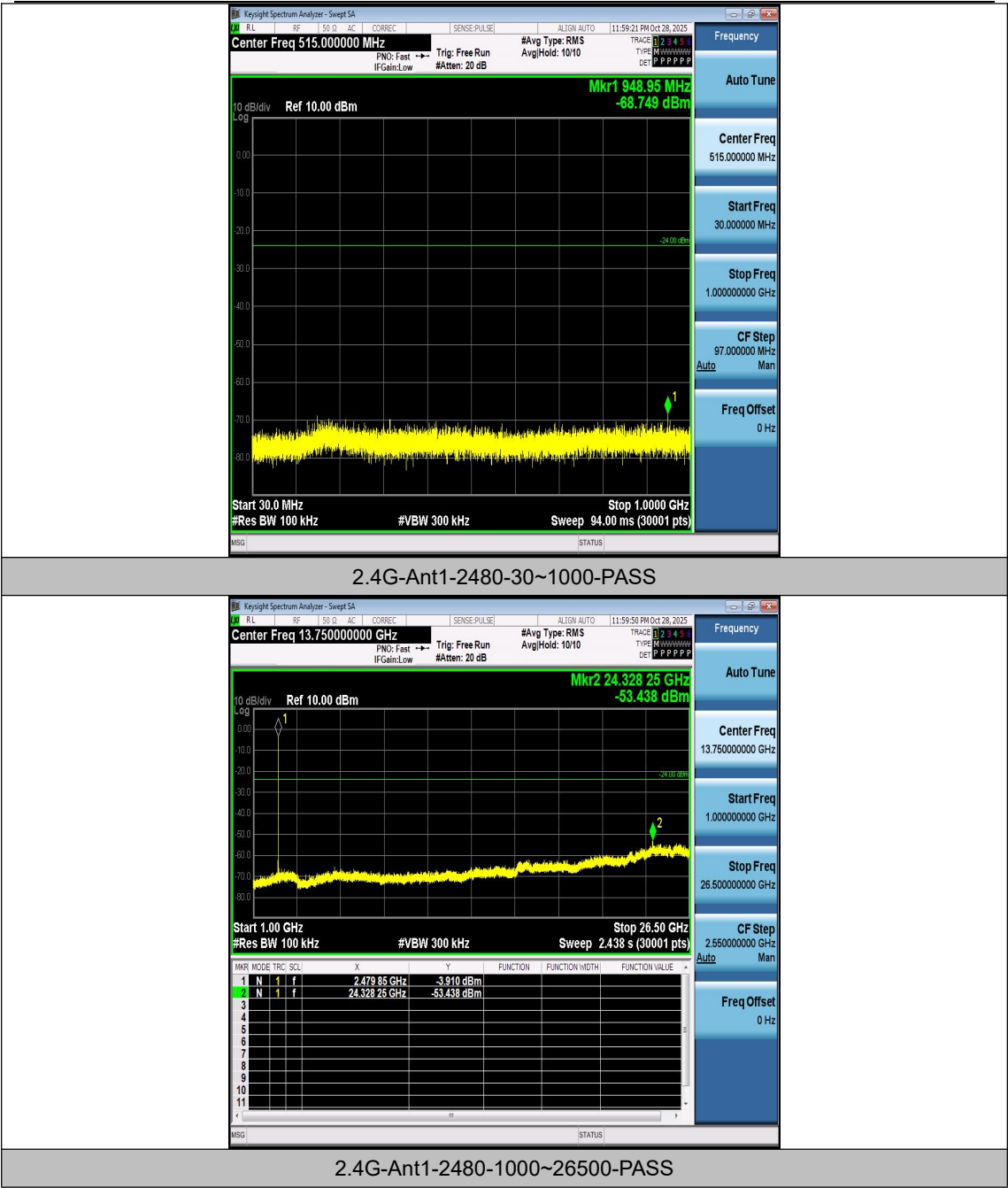




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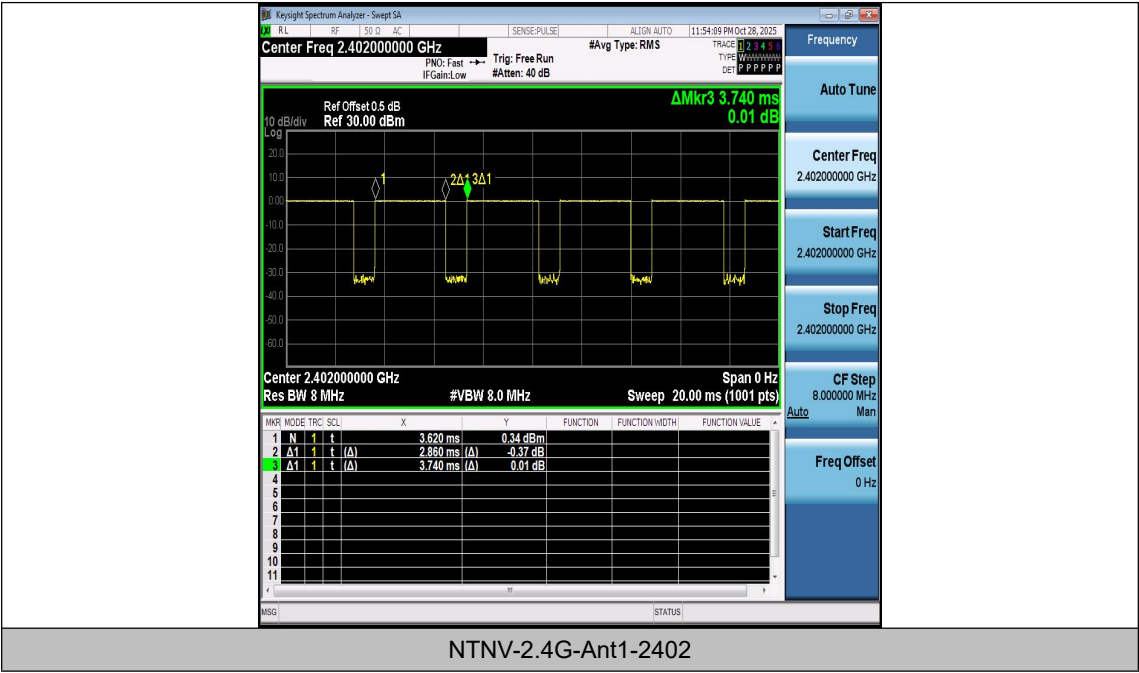


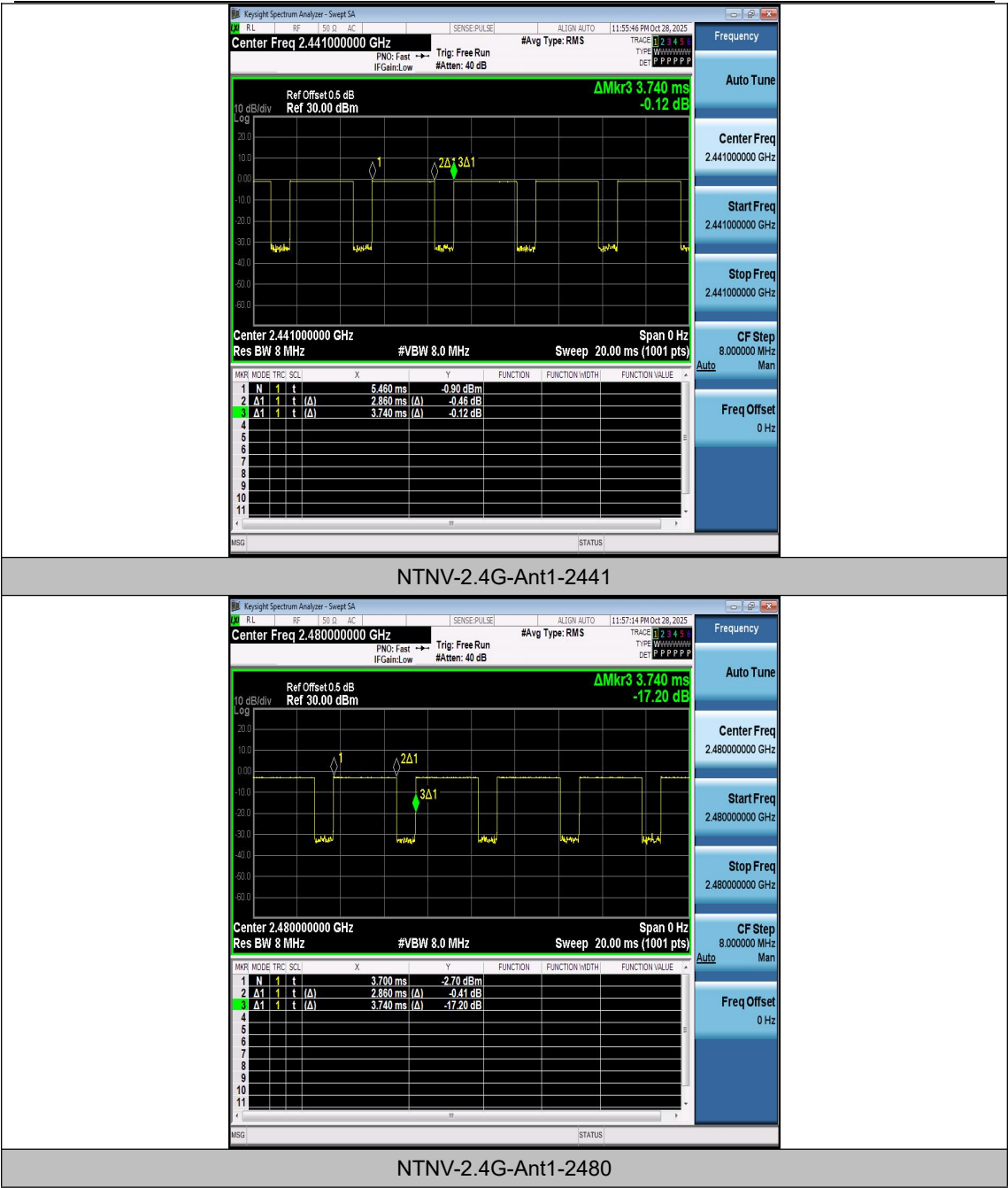
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2402	2.86	3.74	76.47	1.17
2.4G	Ant1	2441	2.86	3.74	76.47	1.17
2.4G	Ant1	2480	2.86	3.74	76.47	1.17

Test Graphs





---End---