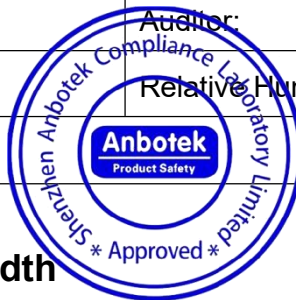


Appendix Test Data

Report No.:	1812C50526112502-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-15	Finish Test Date:	2025-10-15
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
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	2.275	2401.900	2404.175	---	---
2.4G	Ant1	2441	2.255	2439.910	2442.165	---	---
2.4G	Ant1	2480	2.260	2478.900	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	2.2528	2401.8587	2404.1115	---	---
2.4G	Ant1	2441	2.2134	2439.8804	2442.0938	---	---
2.4G	Ant1	2480	2.1969	2478.8997	2481.0966	---	---

Test Graphs



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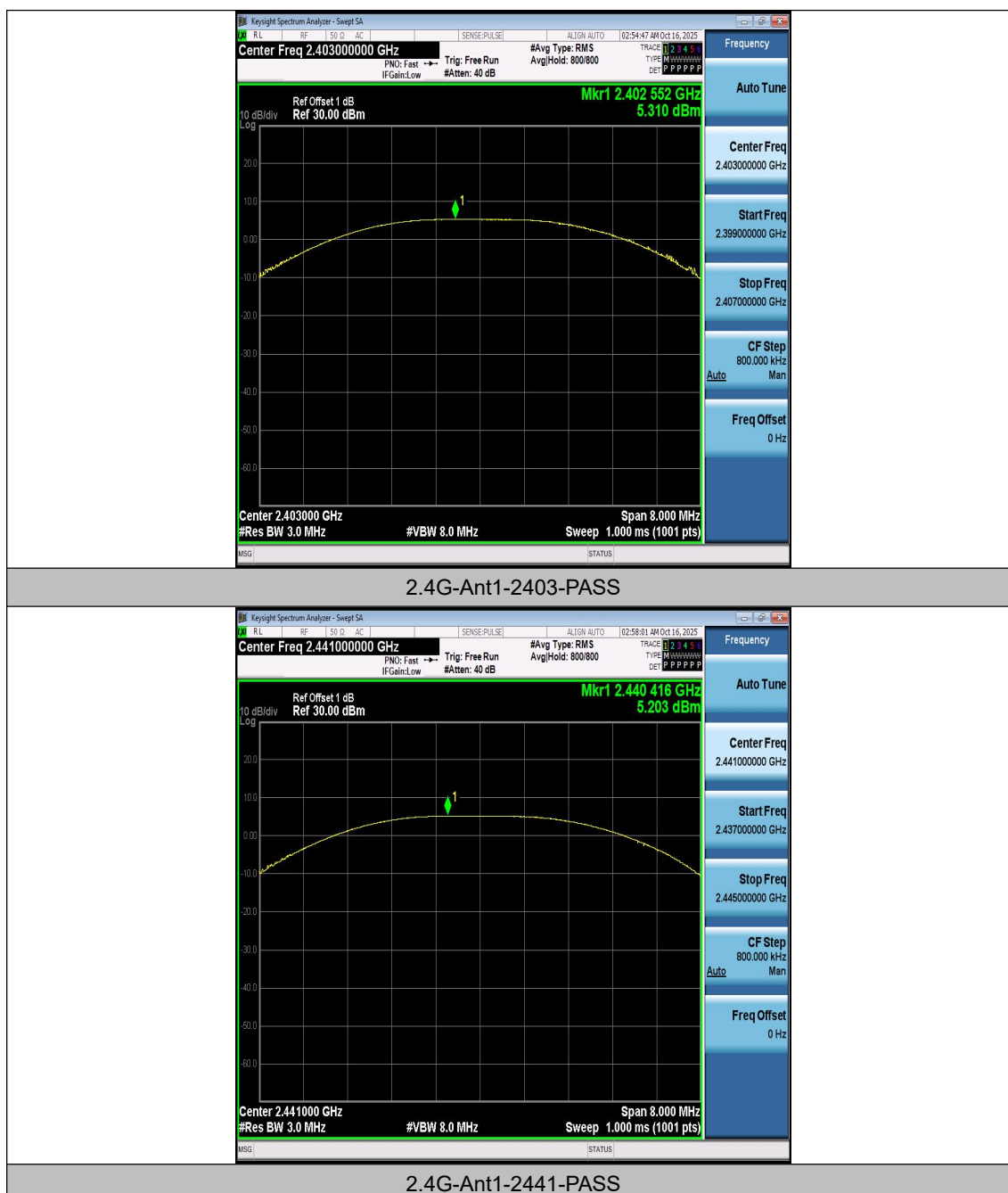
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	5.31	≤20.97	PASS
2.4G	Ant1	2441	5.20	≤20.97	PASS
2.4G	Ant1	2480	5.10	≤20.97	PASS

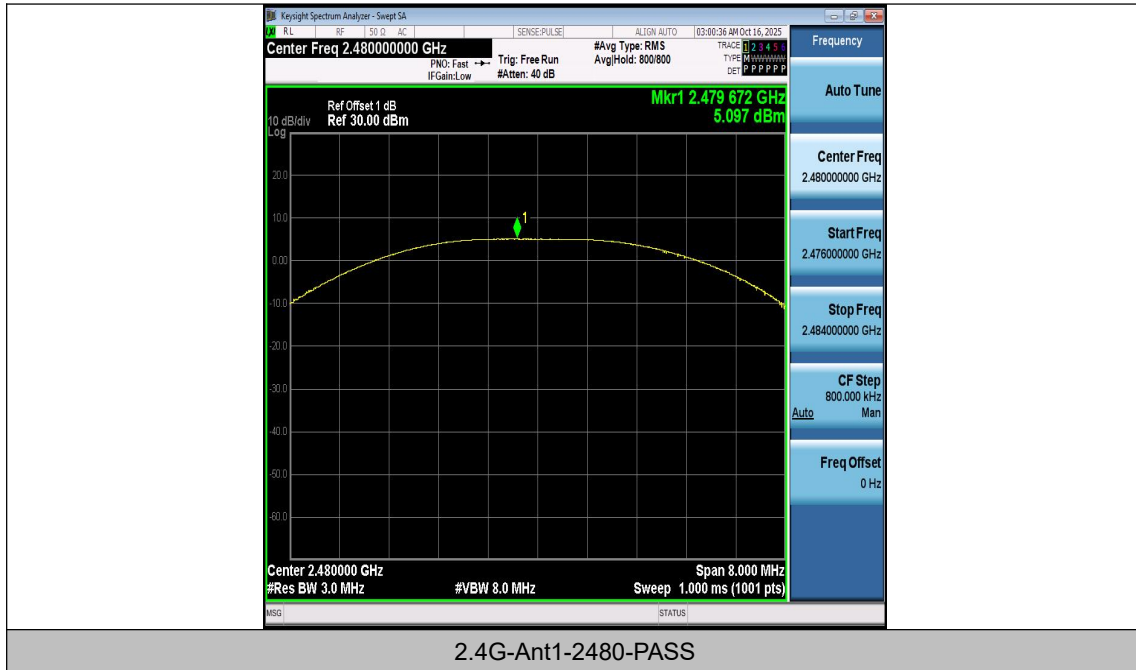
Test Graphs



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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	≥ 1.517	PASS



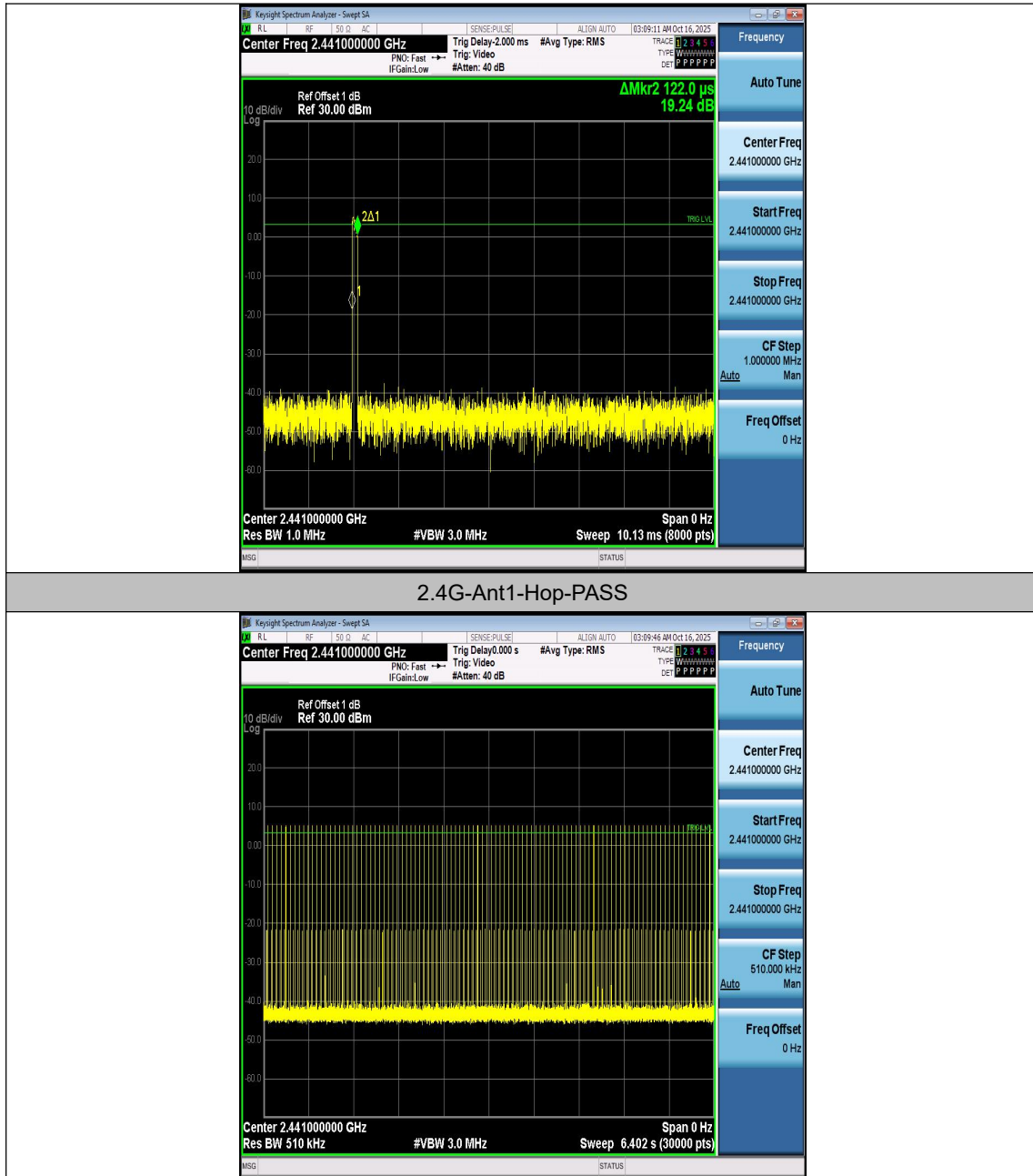
Hotline: 400-003-0500 web: www.anbotech.com E-mail: service@anbotech.com

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	101	0.012	≤0.4	PASS

Test Graphs



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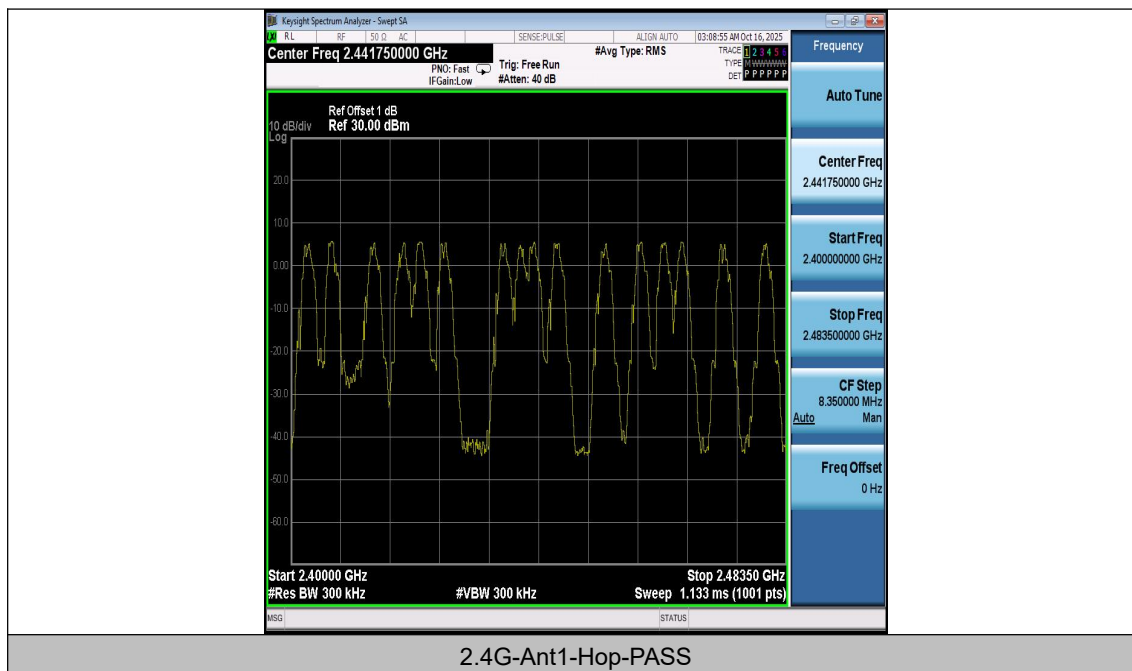
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Appendix F: Number of Hopping Channel

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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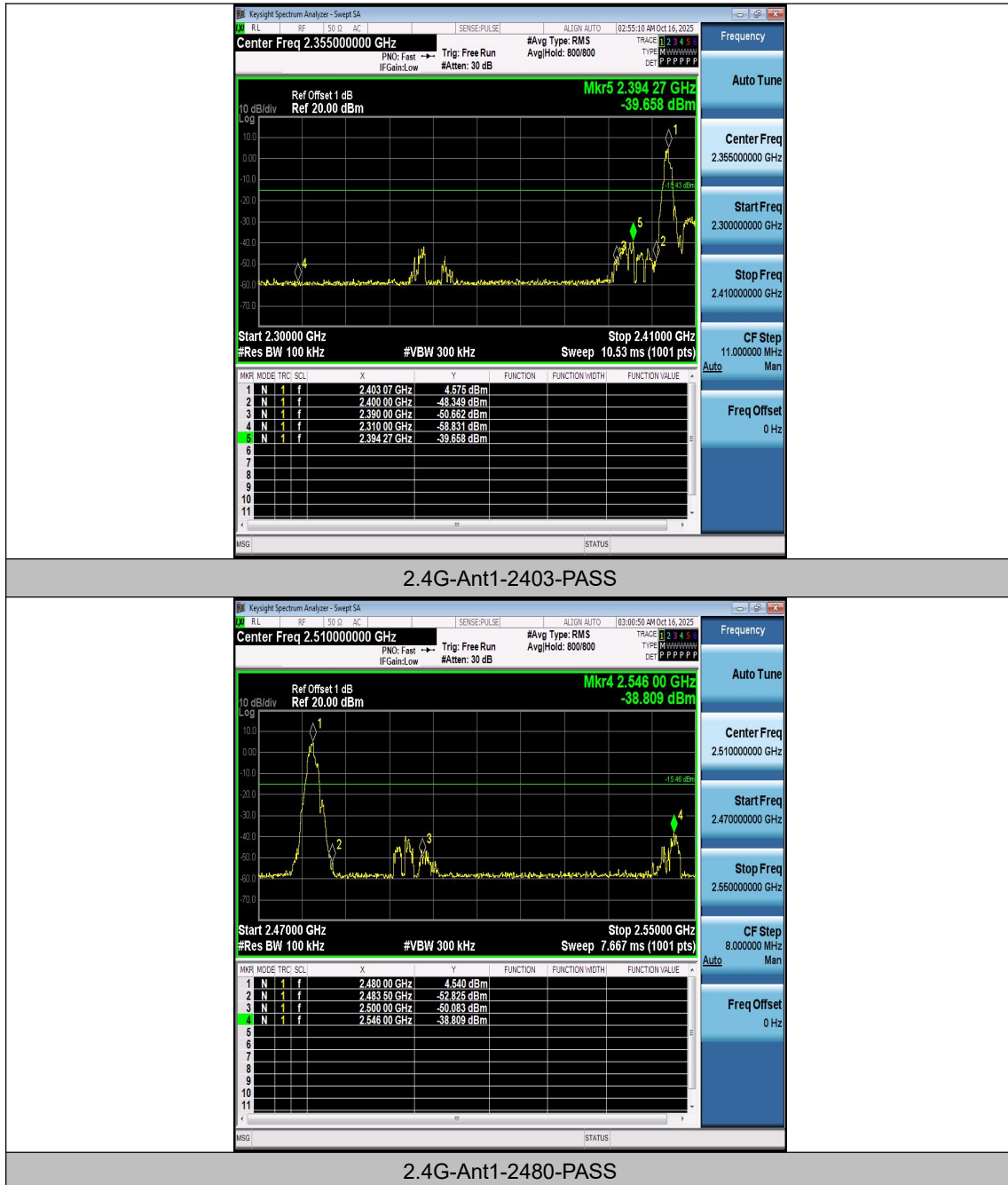
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	4.58	-39.66	≤-15.43	PASS
2.4G	Ant1	High	2480	4.54	-38.81	≤-15.46	PASS
2.4G	Ant1	Low	Hop	4.96	-37.98	≤-15.04	PASS
2.4G	Ant1	High	Hop	5.22	-38.61	≤-14.78	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.

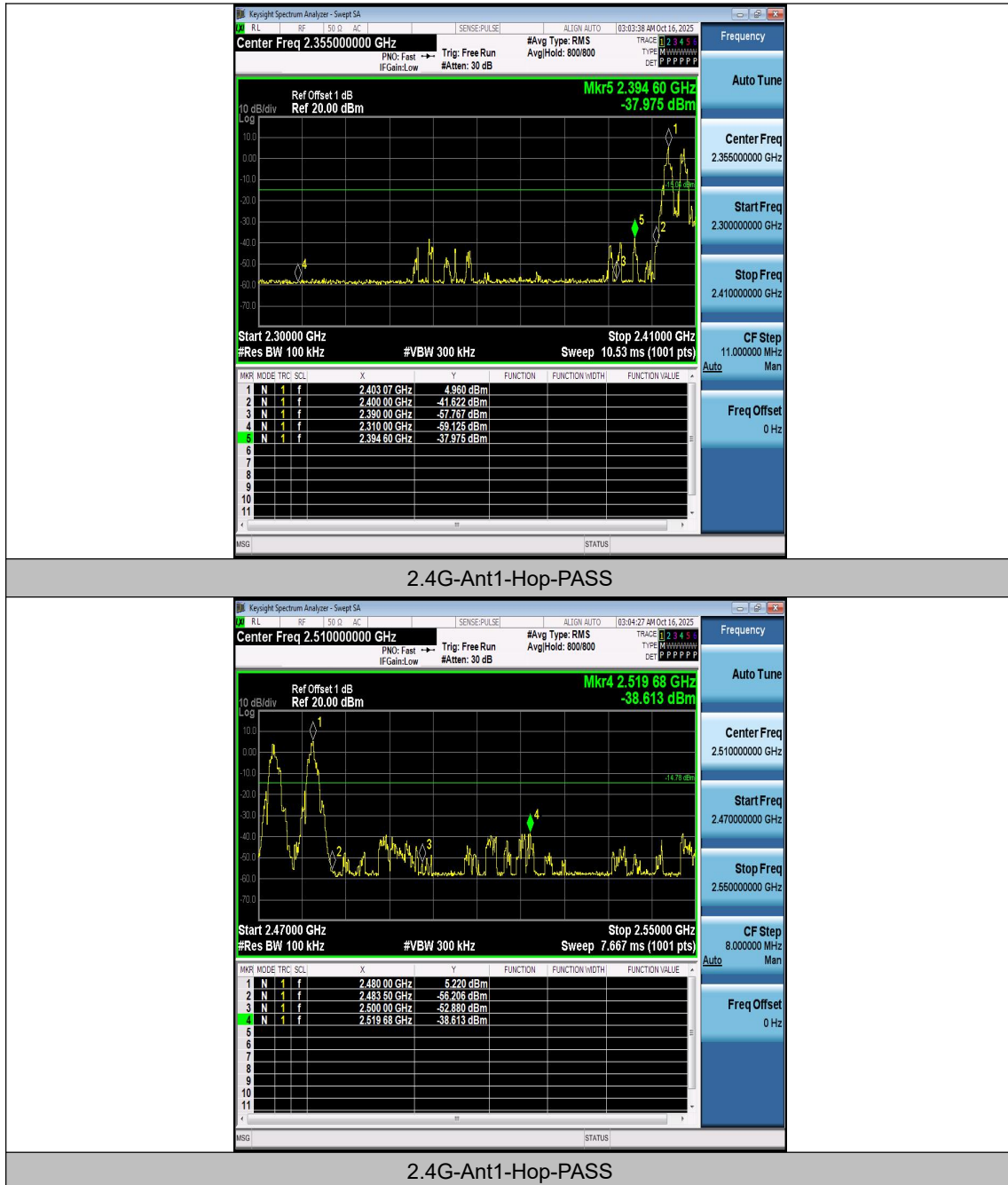
Test Graphs



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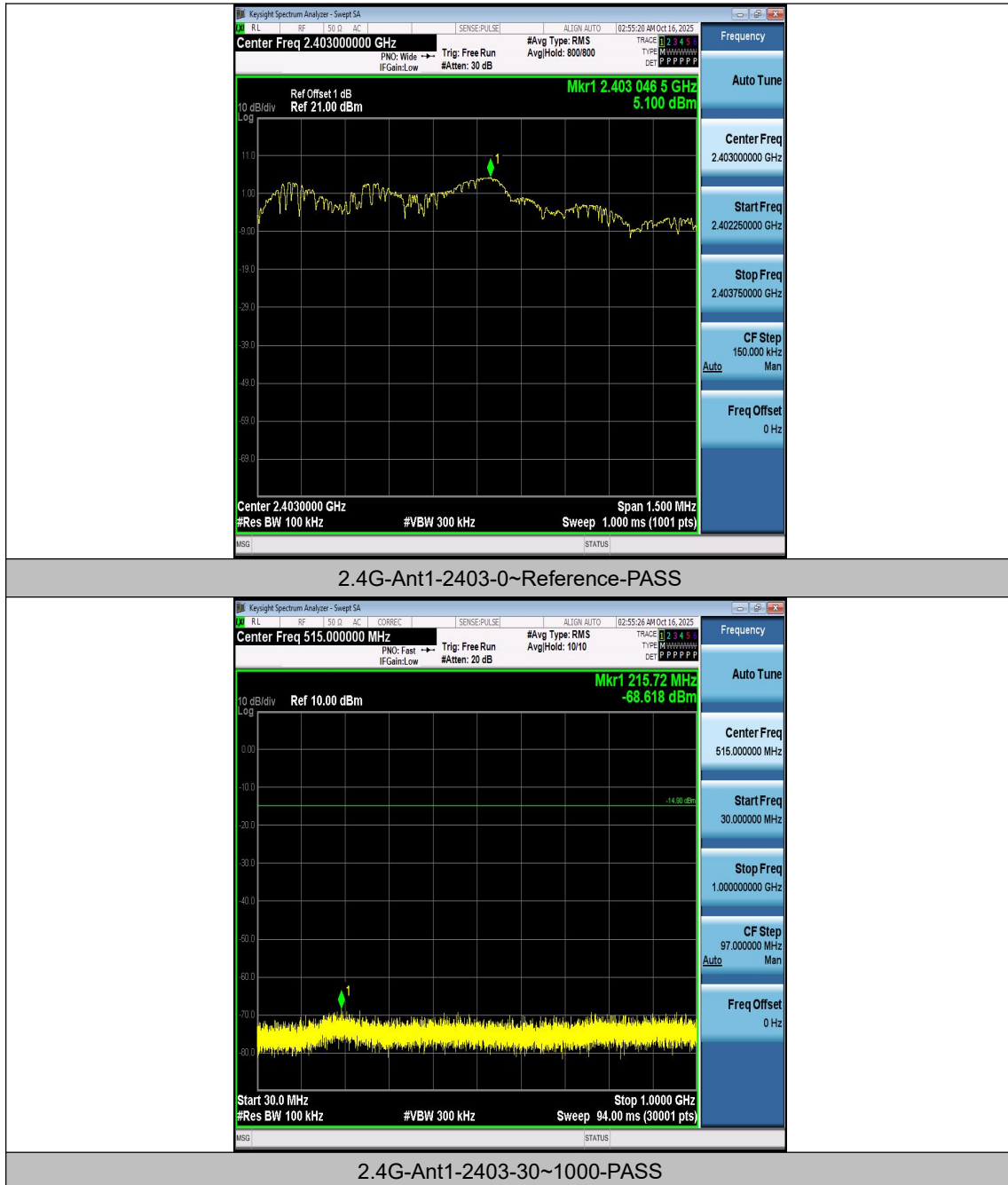
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	5.10	5.10	---	PASS
2.4G	Ant1	2403	30~1000	5.10	-68.62	≤-14.9	PASS
2.4G	Ant1	2403	1000~26500	5.10	-47.53	≤-14.9	PASS
2.4G	Ant1	2441	0~Reference	5.01	5.01	---	PASS
2.4G	Ant1	2441	30~1000	5.01	-68.01	≤-14.99	PASS
2.4G	Ant1	2441	1000~26500	5.01	-45.98	≤-14.99	PASS
2.4G	Ant1	2480	0~Reference	4.91	4.91	---	PASS
2.4G	Ant1	2480	30~1000	4.91	-68.05	≤-15.09	PASS
2.4G	Ant1	2480	1000~26500	4.91	-52.51	≤-15.09	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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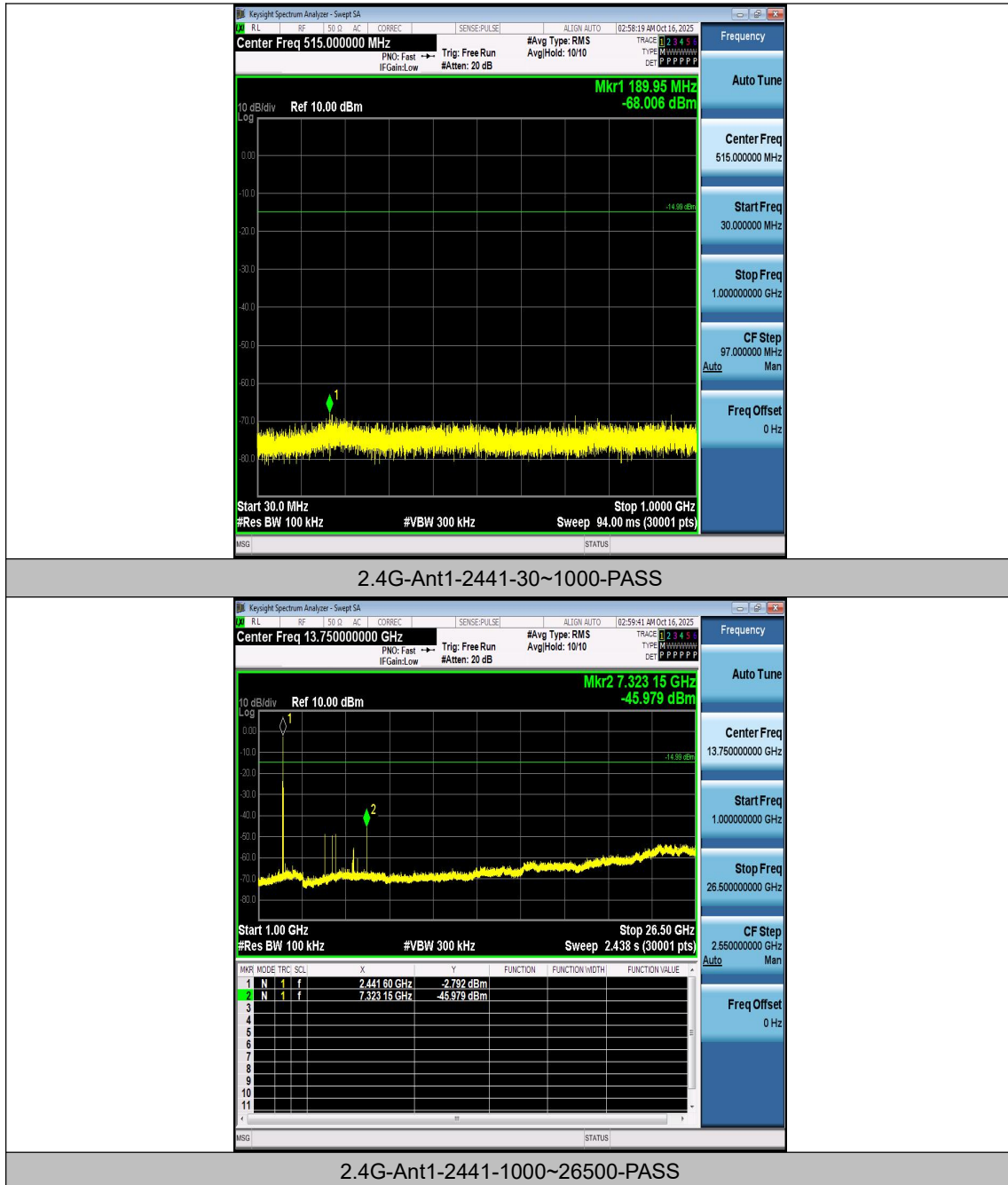
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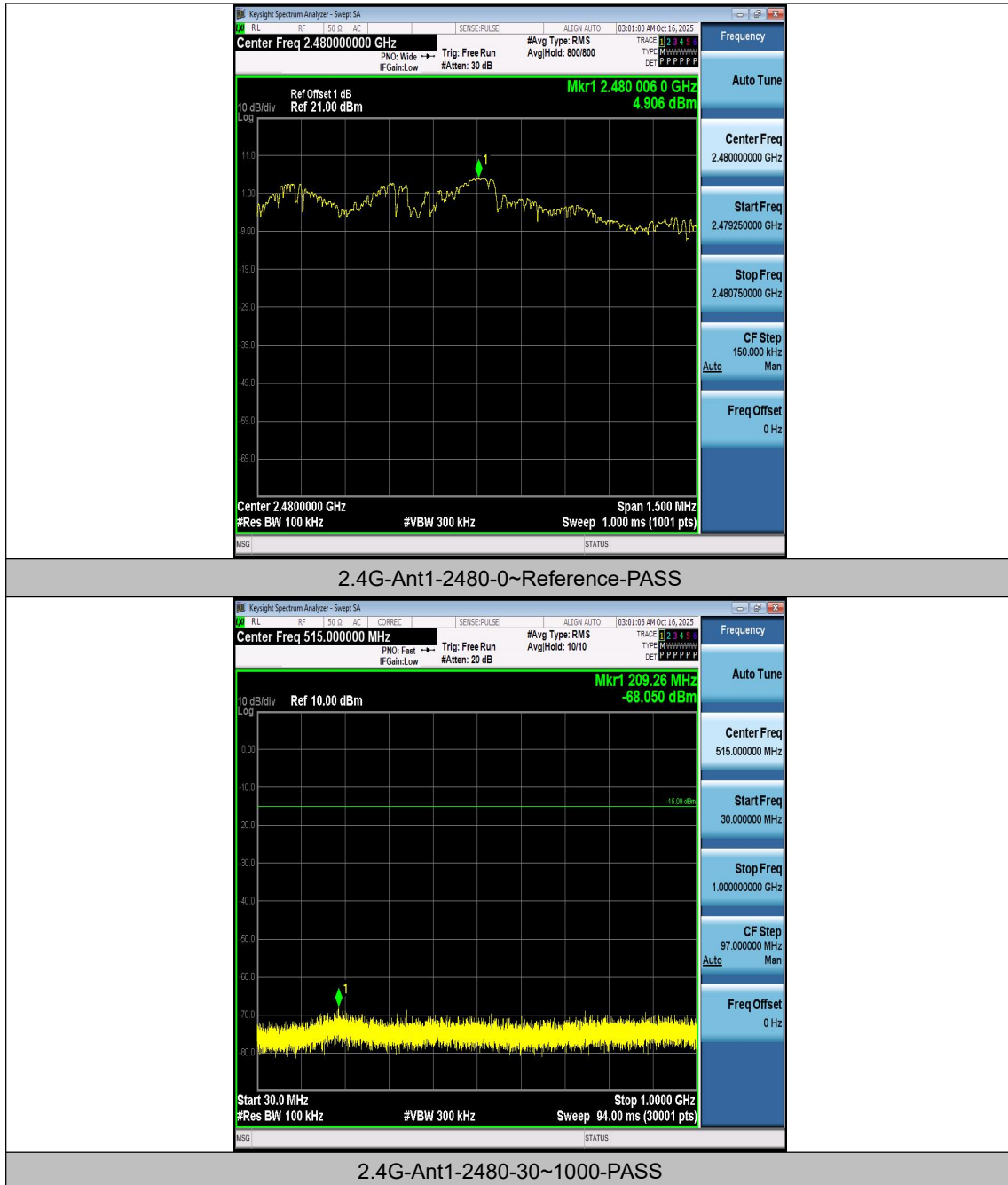


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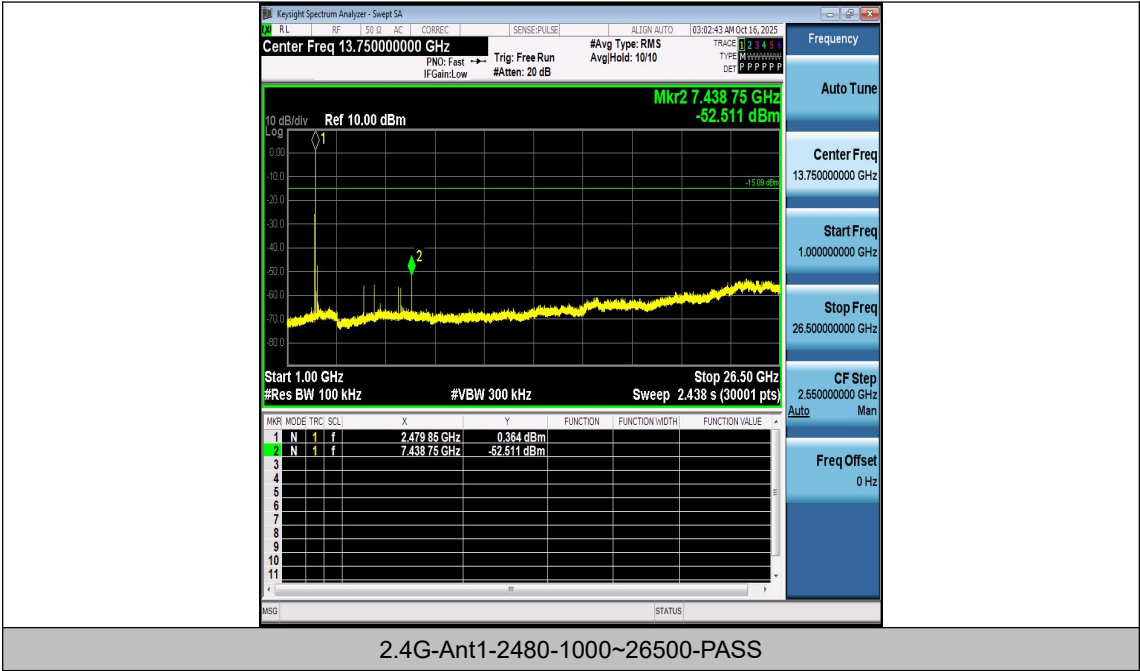




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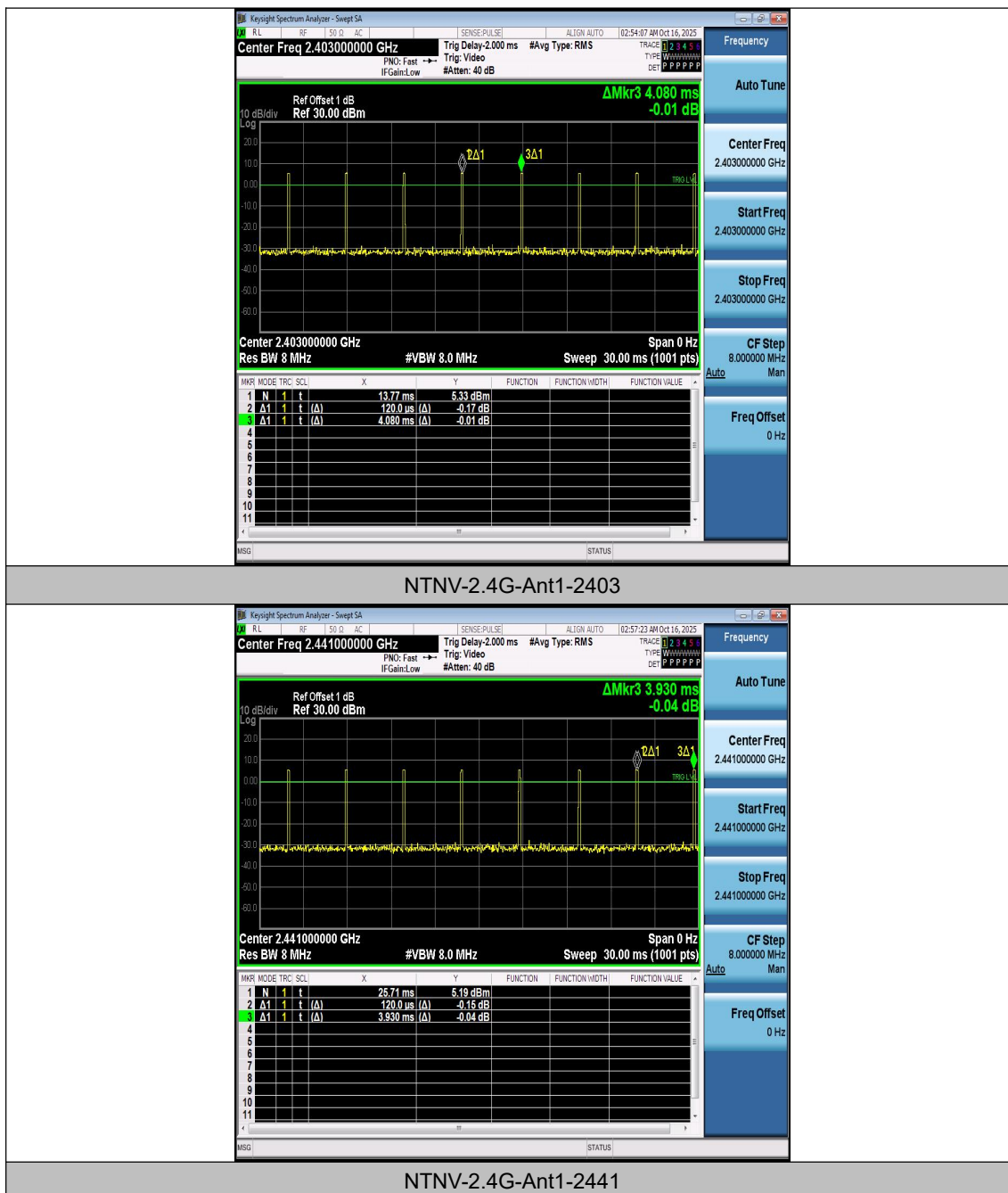
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

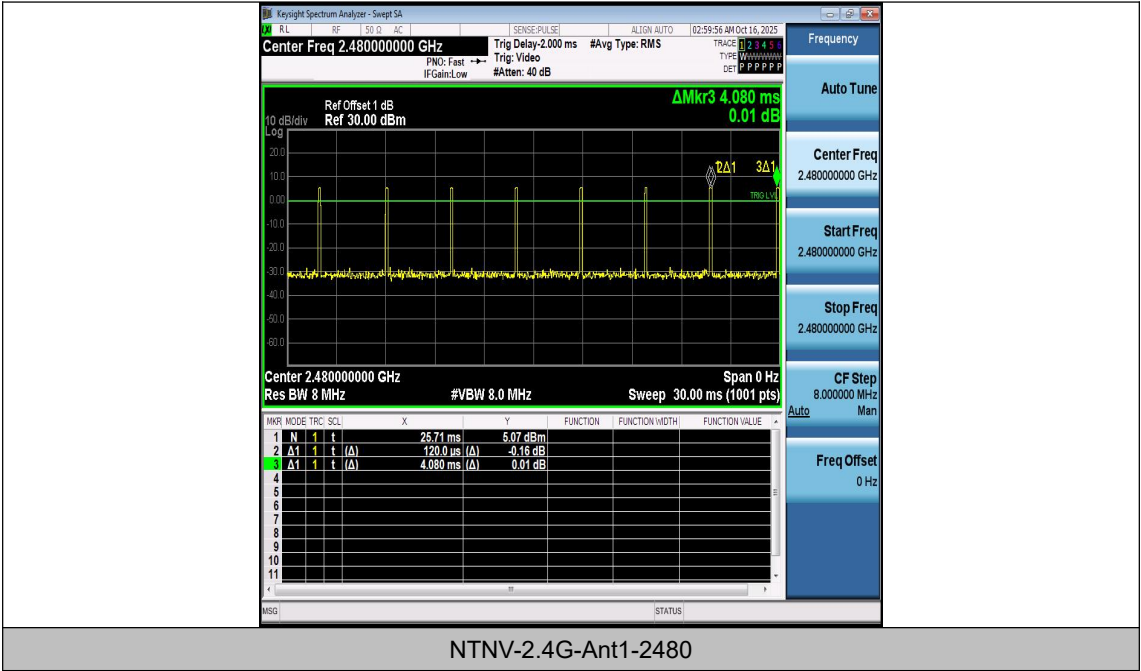
Appendix I: Duty Cycle

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	3.93	3.05	15.16
2.4G	Ant1	2480	0.12	4.08	2.94	15.32

Test Graphs





---End---