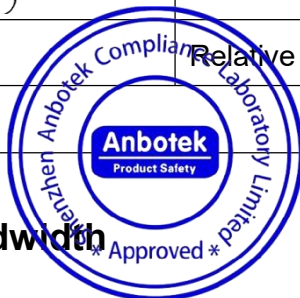


Appendix Test Data

Report No.:	1812C50511812501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-16	Finish Test Date:	2025-10-21
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.9°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	0.579	2402.715	2403.294	---	---
2.4G	Ant1	2440	0.588	2439.712	2440.300	---	---
2.4G	Ant1	2480	0.576	2479.718	2480.294	---	---

Test Graphs



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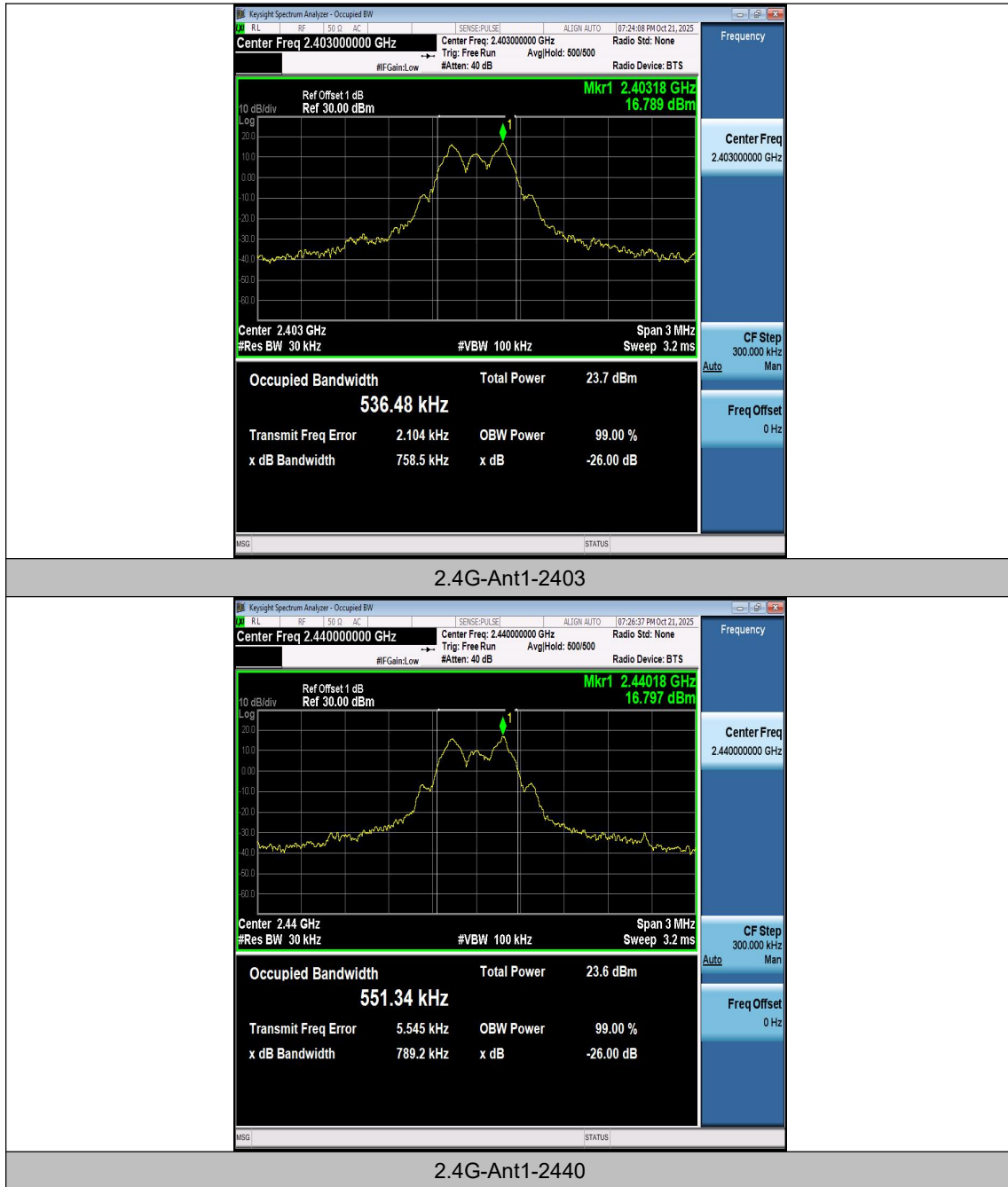
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	0.53648	2402.7339	2403.2703	---	---
2.4G	Ant1	2440	0.55134	2439.7299	2440.2812	---	---
2.4G	Ant1	2480	0.53829	2479.7349	2480.2732	---	---

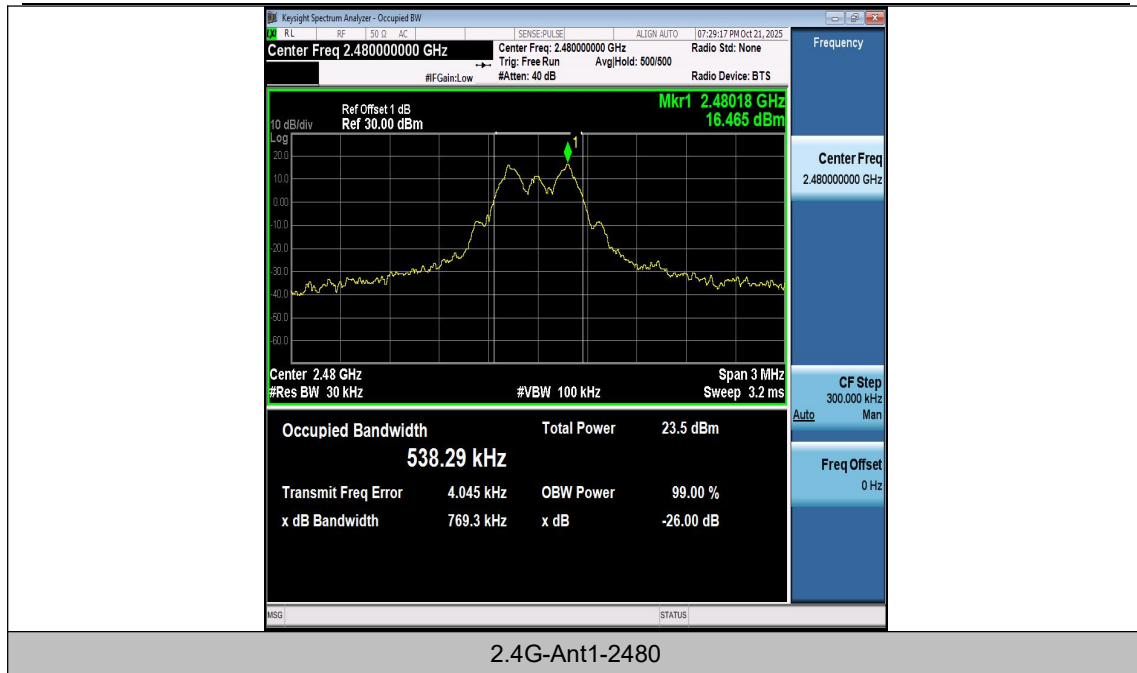
Test Graphs



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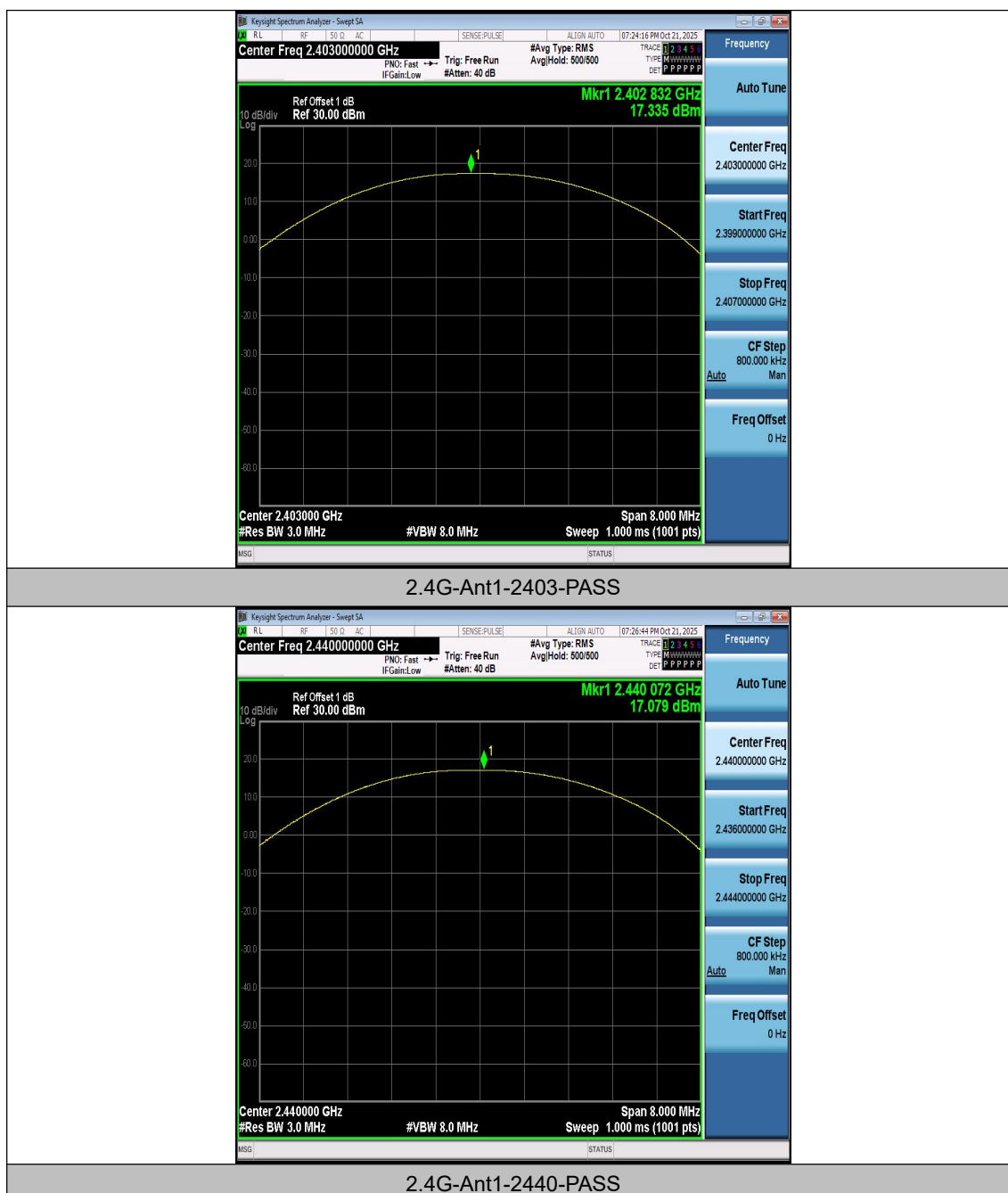
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	17.34	≤30	PASS
2.4G	Ant1	2440	17.08	≤30	PASS
2.4G	Ant1	2480	17.02	≤30	PASS

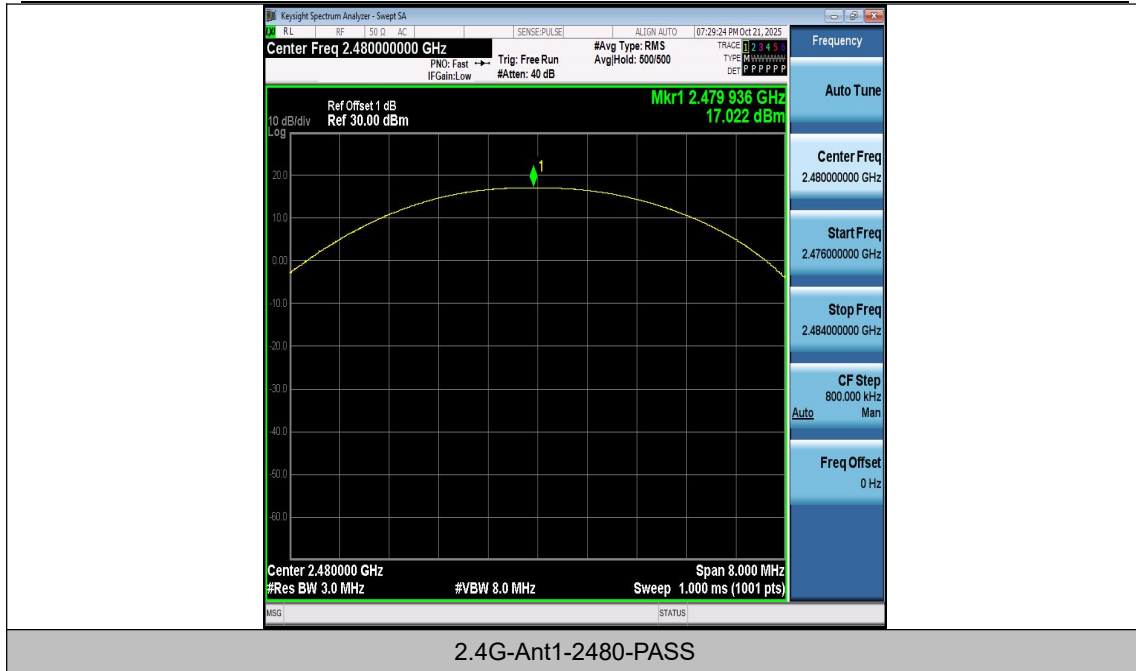
Test Graphs



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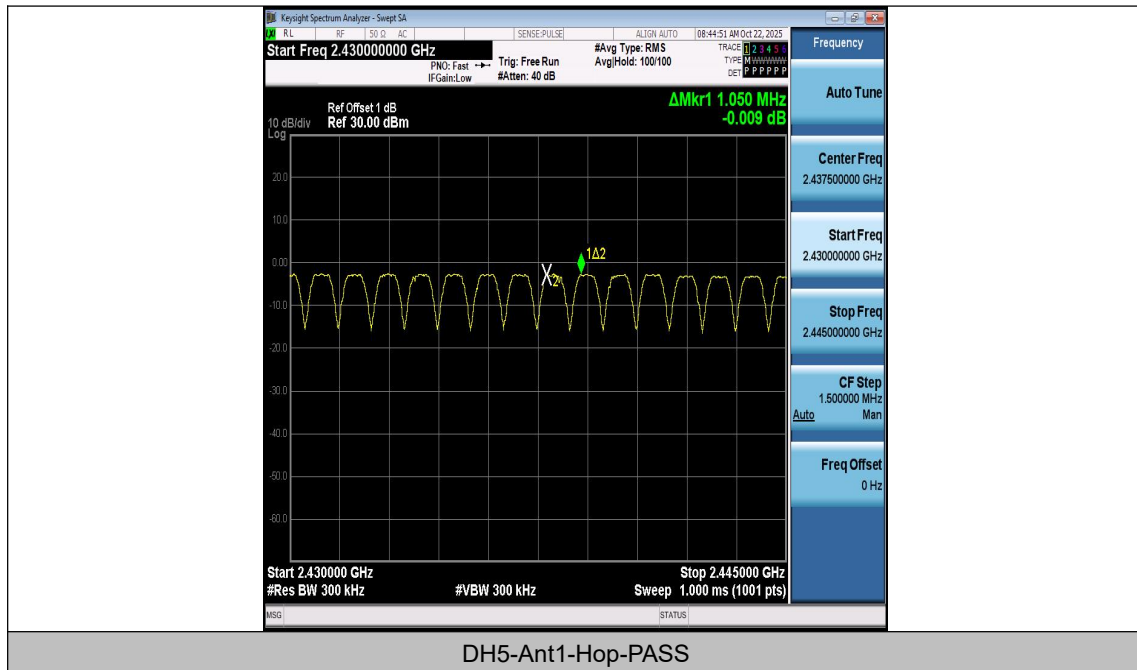
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.050	≥0.640	PASS

Test Graphs



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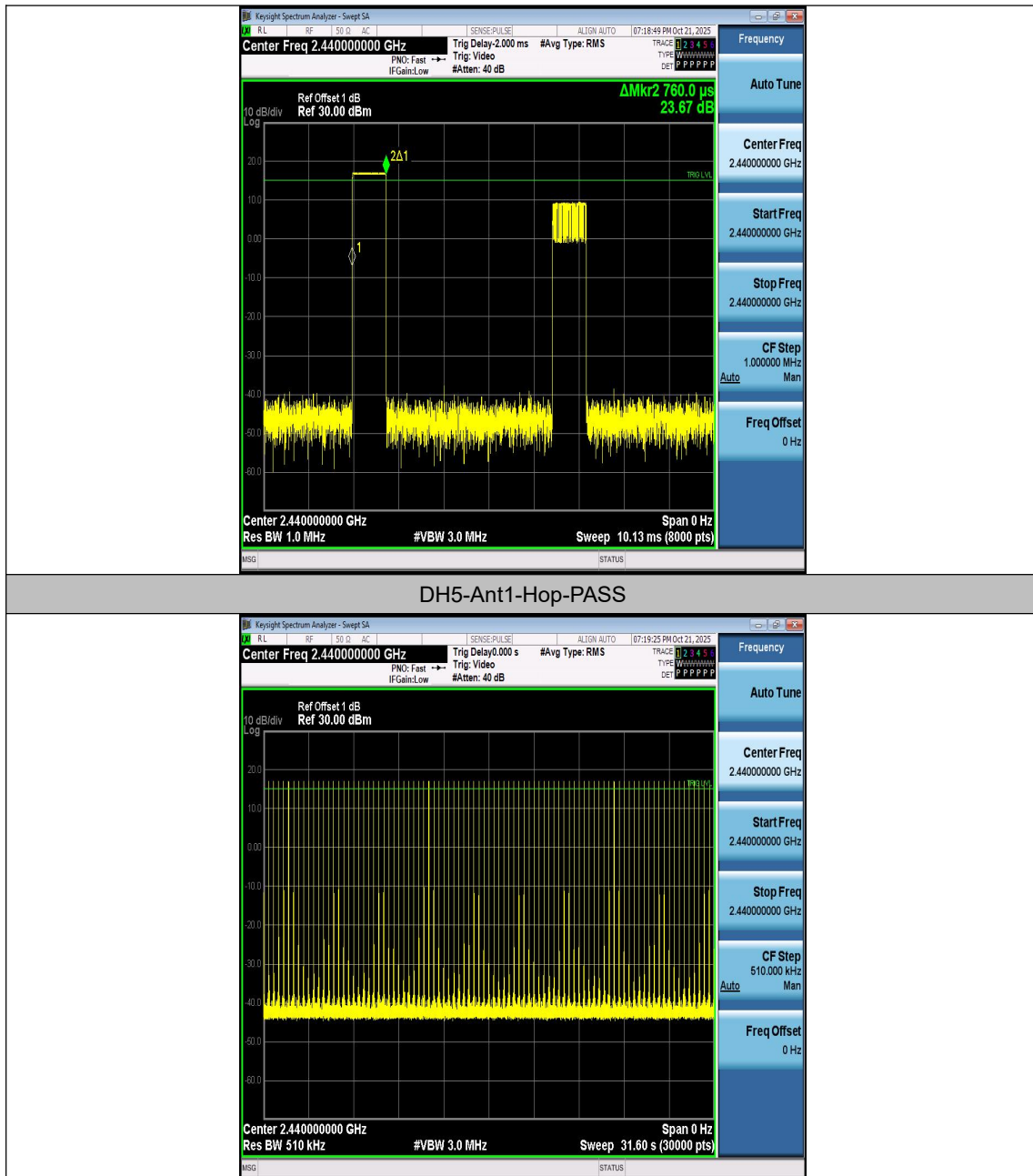
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	0.760	90	0.068	≤0.4	PASS

Test Graphs



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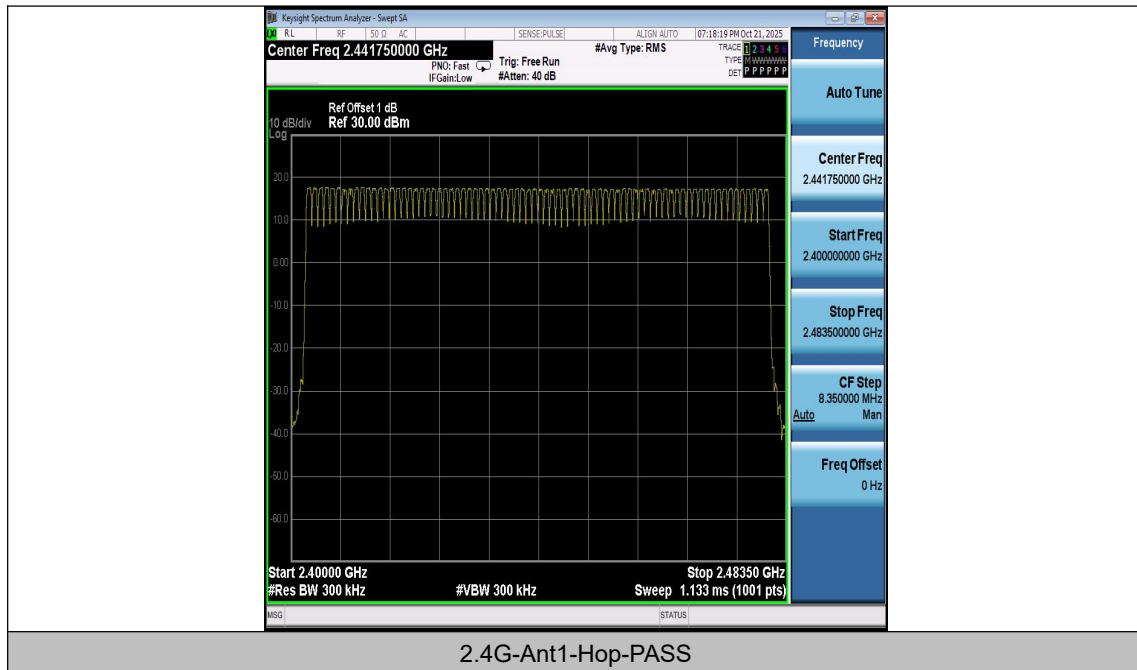
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Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
2.4G	Ant1	Hop	78	≥15	PASS

Test Graphs



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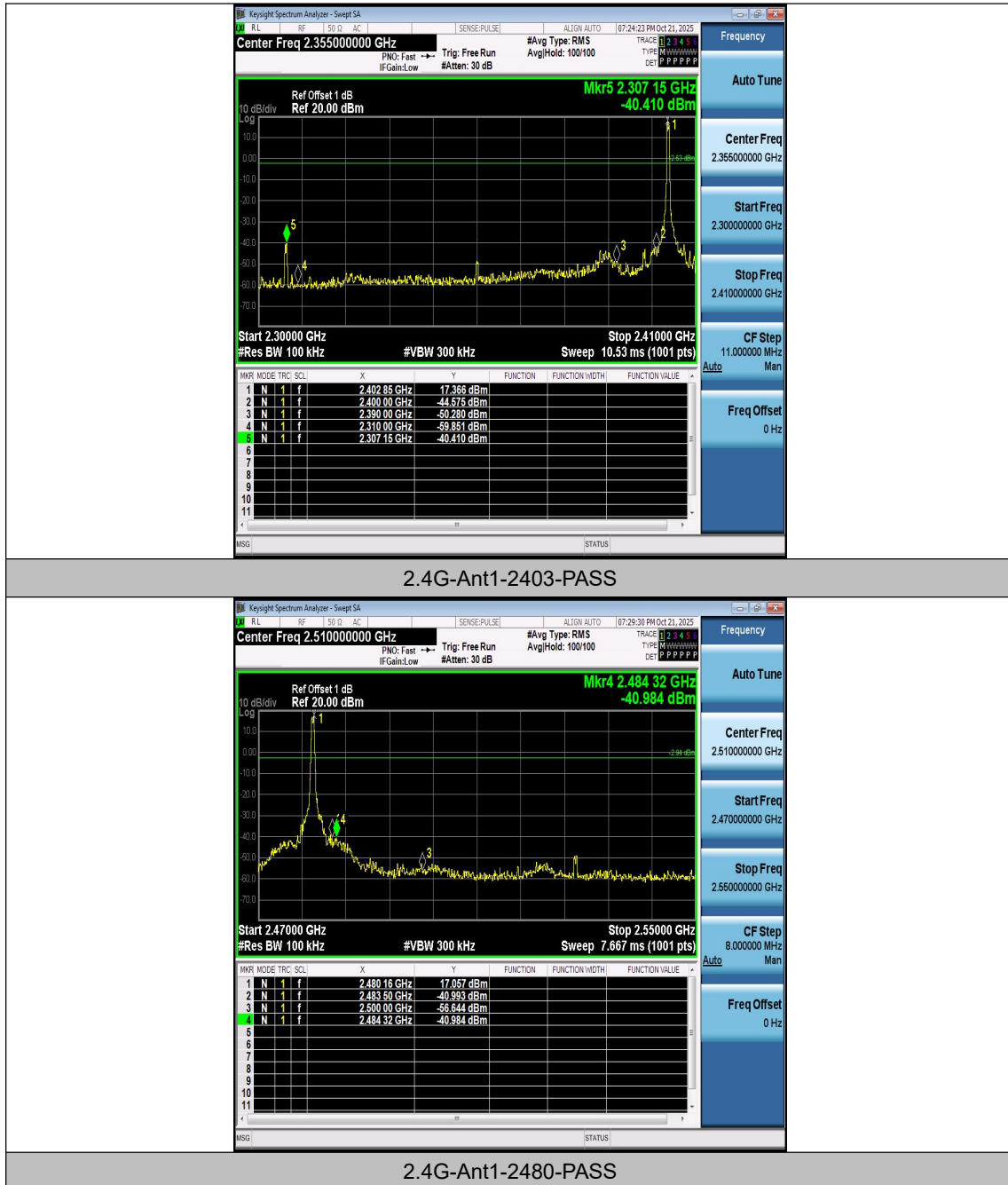
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	17.37	-40.41	≤ -2.63	PASS
2.4G	Ant1	High	2480	17.06	-40.98	≤ -2.94	PASS
2.4G	Ant1	Low	Hop	17.40	-39.35	≤ -2.6	PASS
2.4G	Ant1	High	Hop	17.09	-40.05	≤ -2.91	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.

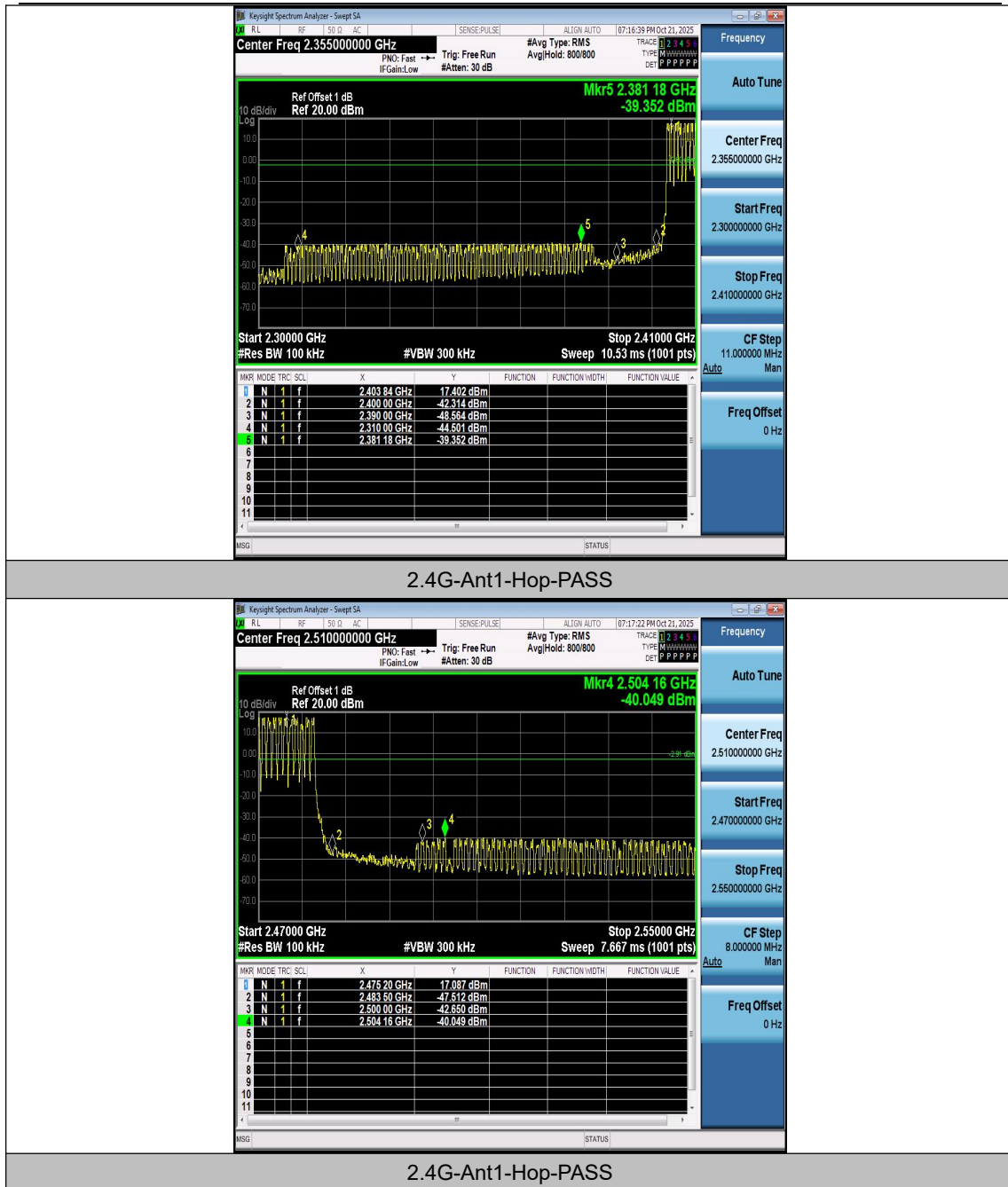
Test Graphs



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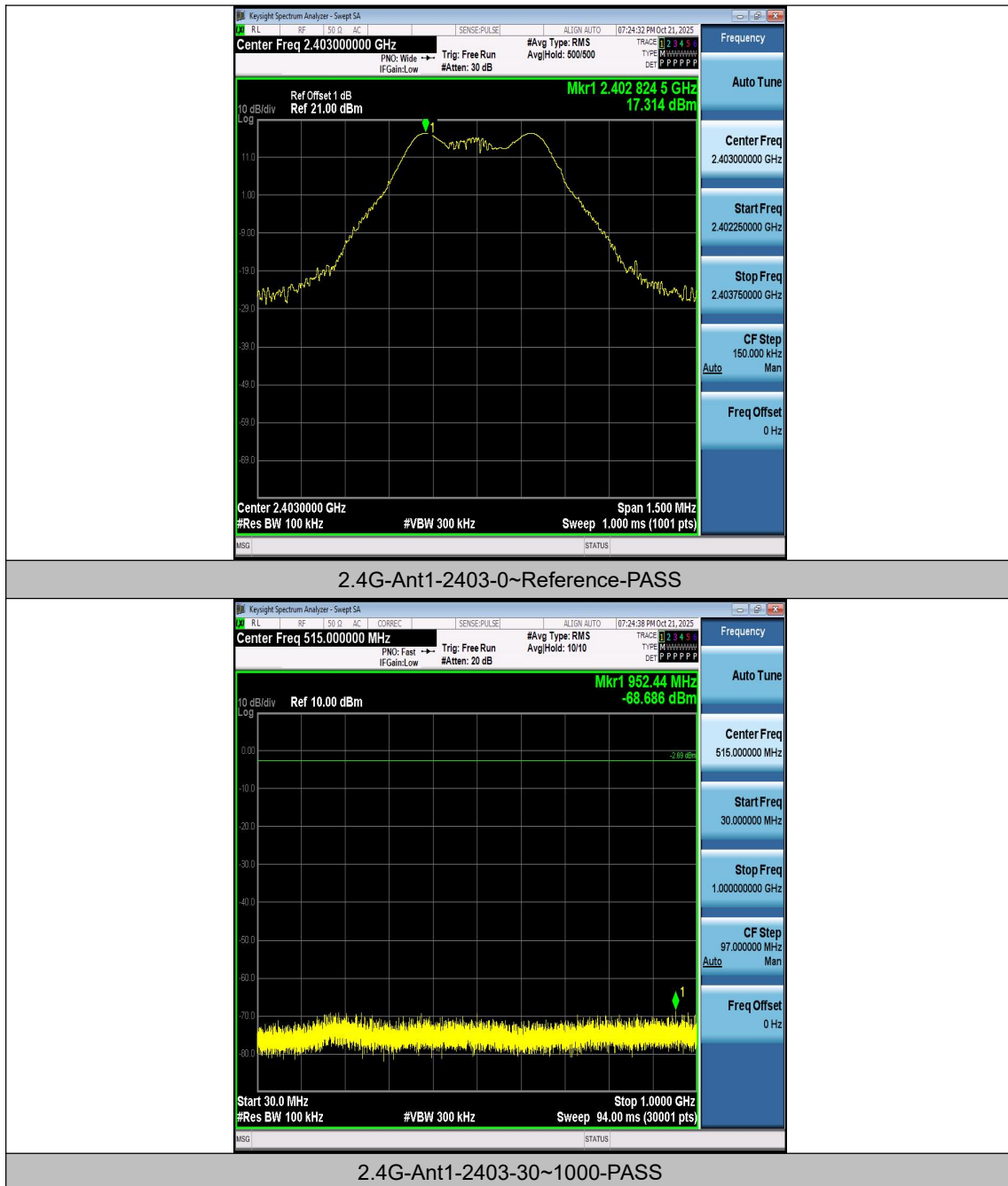
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	17.31	17.31	---	PASS
2.4G	Ant1	2403	30~1000	17.31	-68.69	≤-2.69	PASS
2.4G	Ant1	2403	1000~26500	17.31	-36.6	≤-2.69	PASS
2.4G	Ant1	2440	0~Reference	17.05	17.05	---	PASS
2.4G	Ant1	2440	30~1000	17.05	-68.47	≤-2.95	PASS
2.4G	Ant1	2440	1000~26500	17.05	-36.41	≤-2.95	PASS
2.4G	Ant1	2480	0~Reference	17.00	17.00	---	PASS
2.4G	Ant1	2480	30~1000	17.00	-69.27	≤-3	PASS
2.4G	Ant1	2480	1000~26500	17.00	-40.33	≤-3	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.

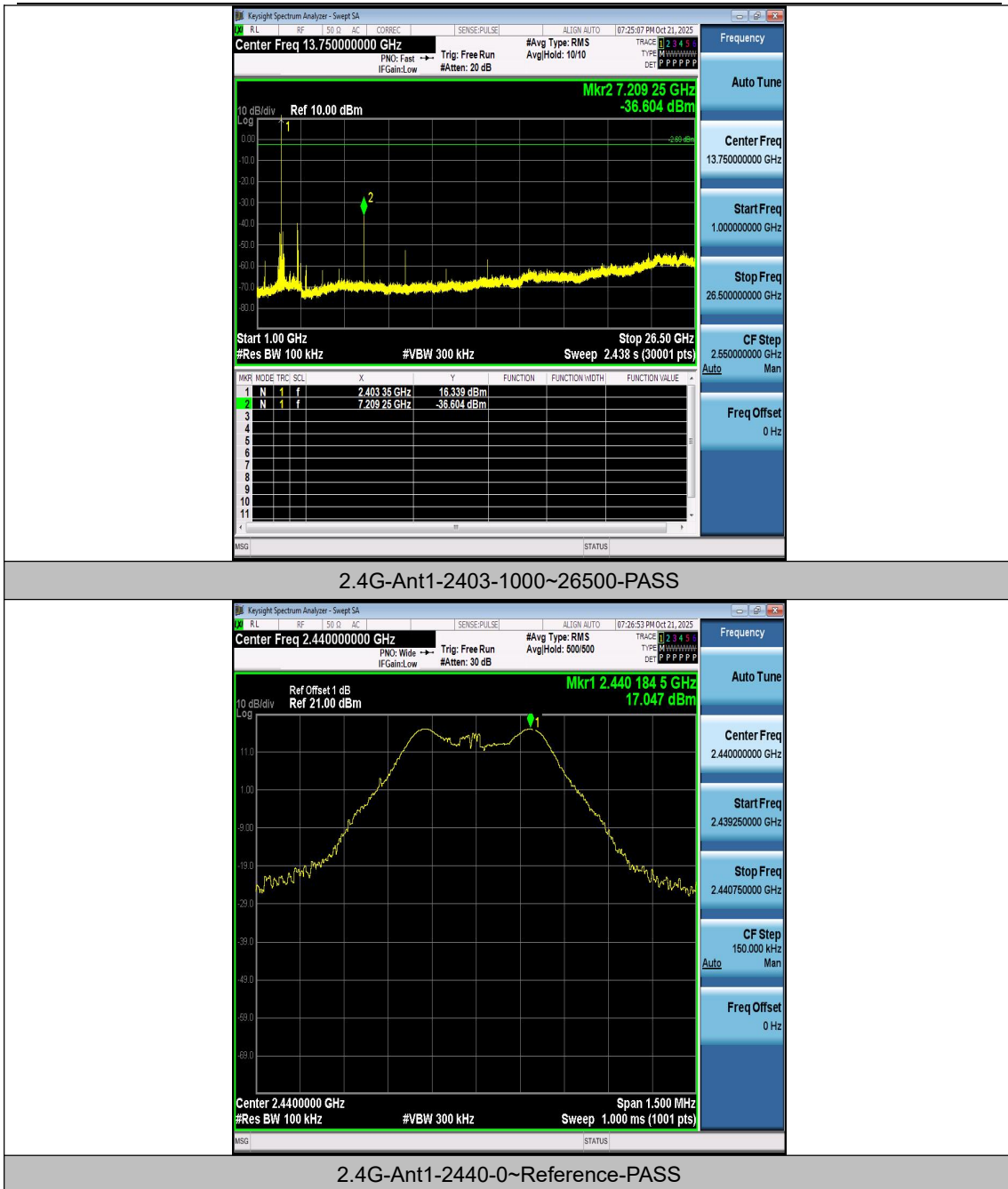
Test Graphs



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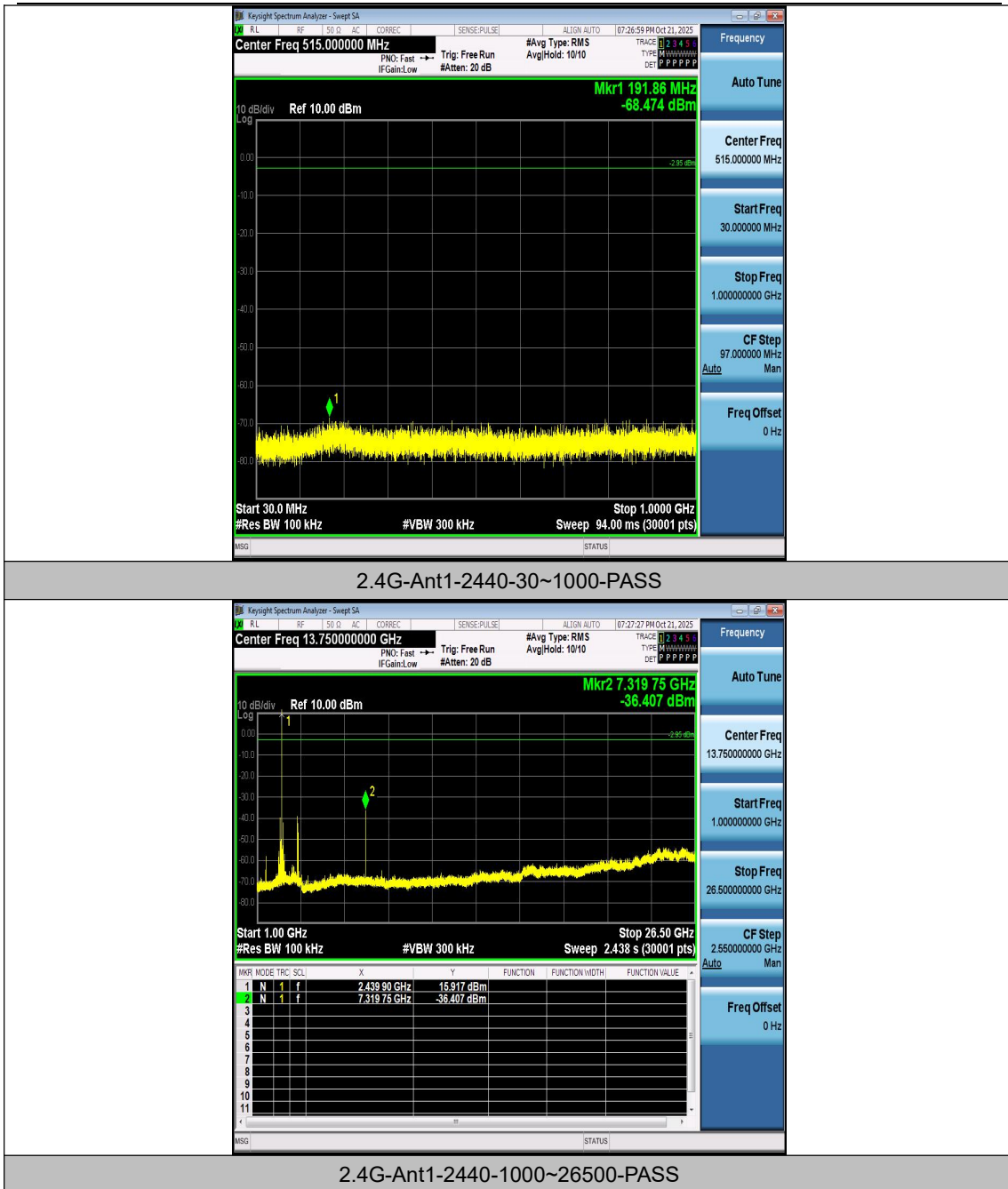
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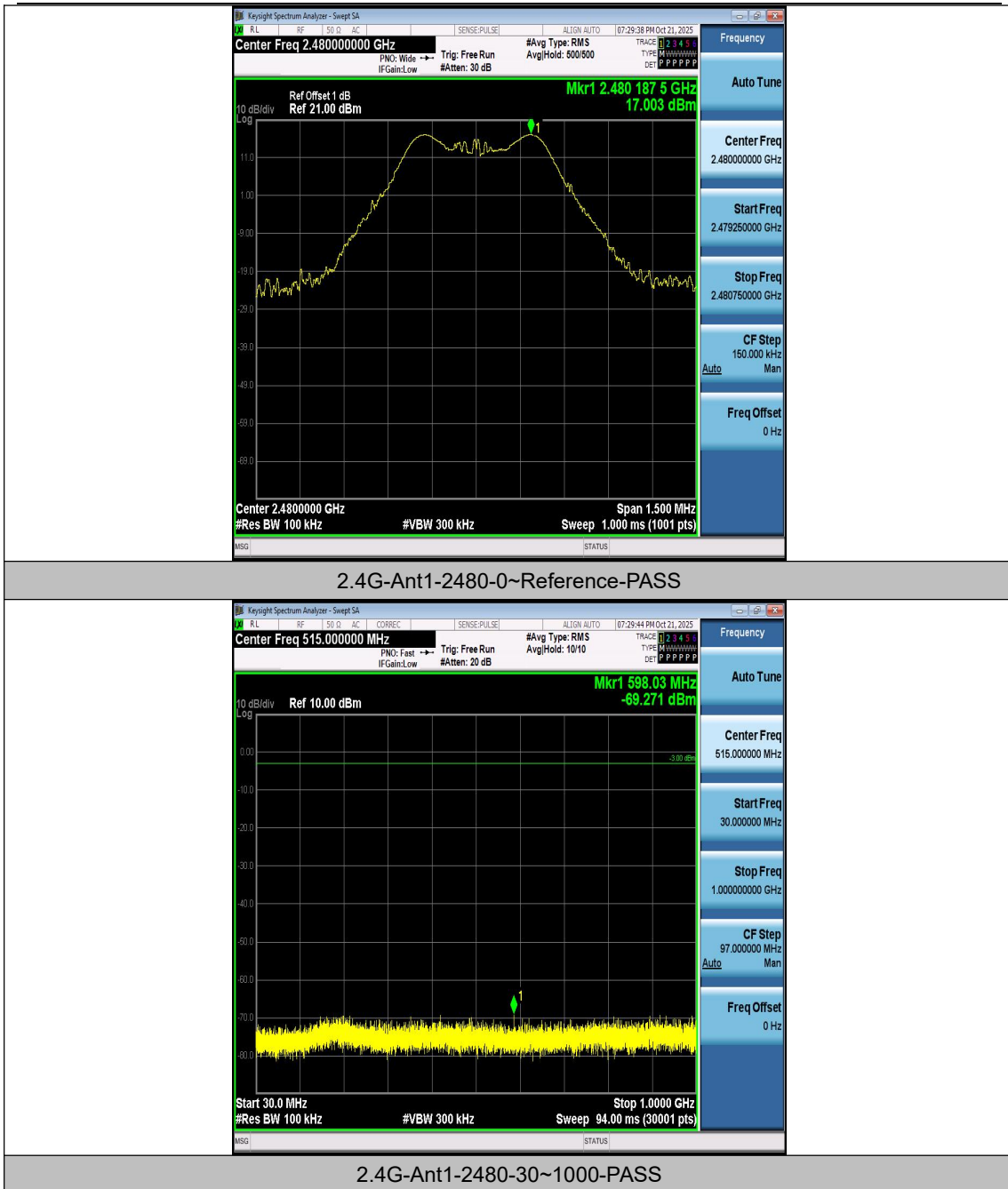
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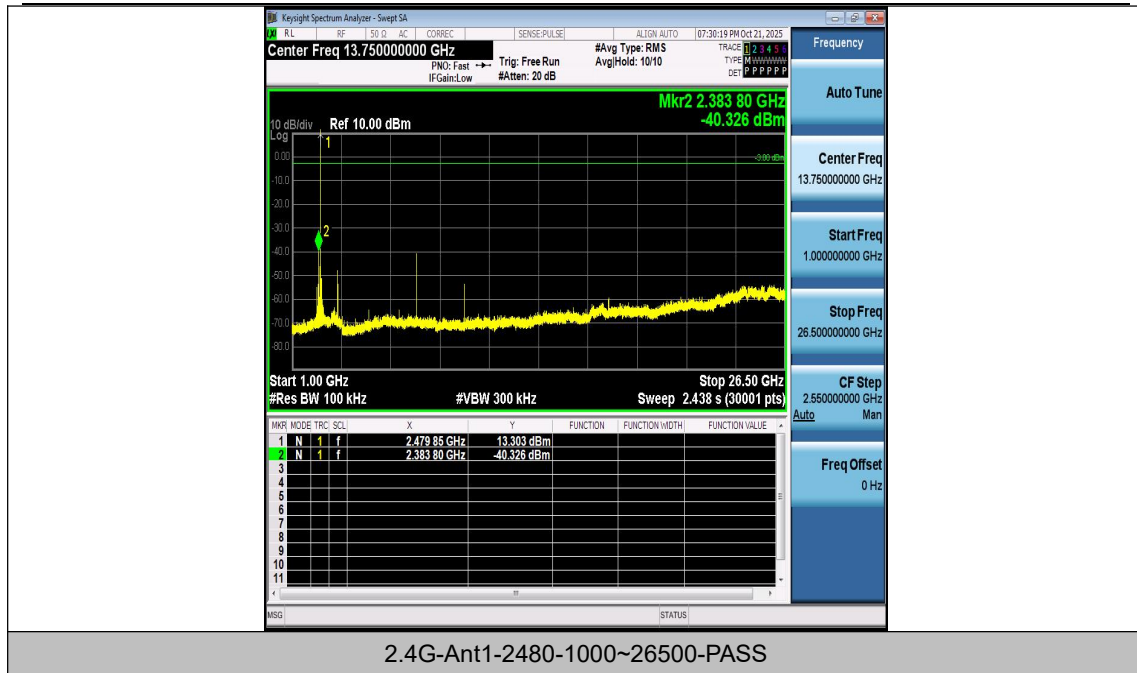
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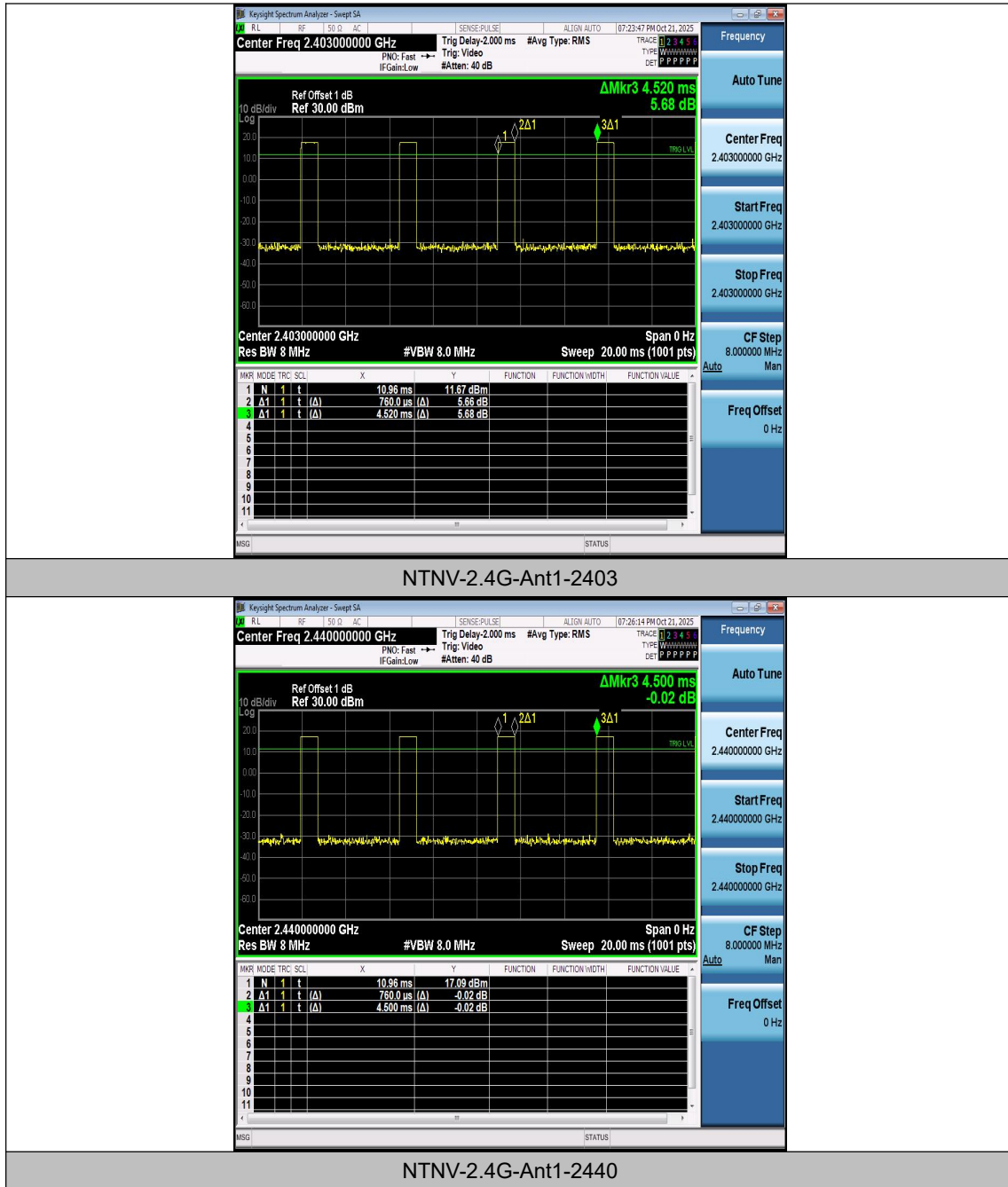
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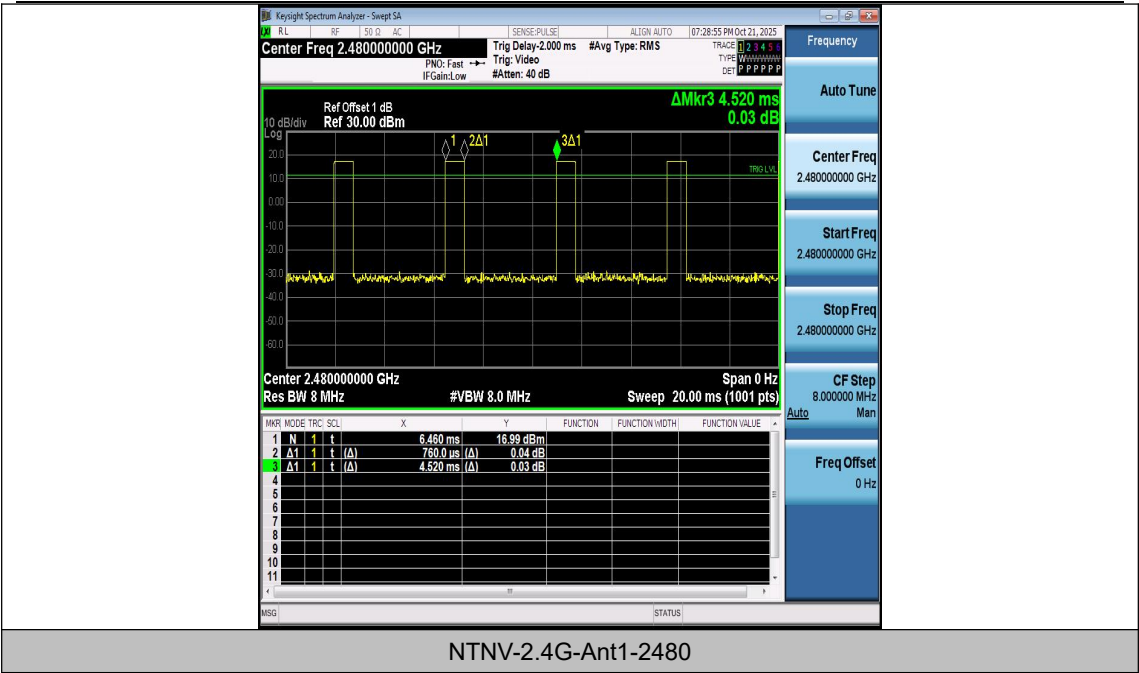
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.76	4.52	16.81	7.74
2.4G	Ant1	2440	0.76	4.50	16.89	7.72
2.4G	Ant1	2480	0.76	4.52	16.81	7.74

Test Graphs





NTNV-2.4G-Ant1-2480

---End---