

Appendix Test Data

Report No.:	1813C60140712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-14	Finish Test Date:	2026-4-23
Test Engineer:	Huysen Guan	Auditor:	Justin Feng
Temperature:	25°C	Relative Humidity:	57%
Pressure:	101kPa		



Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2401	0.588	2400.704	2401.292	0.5	PASS
2.4G	Ant1	2441	0.632	2440.672	2441.304	0.5	PASS
2.4G	Ant1	2479	0.564	2478.684	2479.248	0.5	PASS

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	2401	1.2289	2400.4055	2401.6344	---	---
2.4G	Ant1	2441	1.1372	2440.4271	2441.5643	---	---
2.4G	Ant1	2479	1.0819	2478.4654	2479.5473	---	---

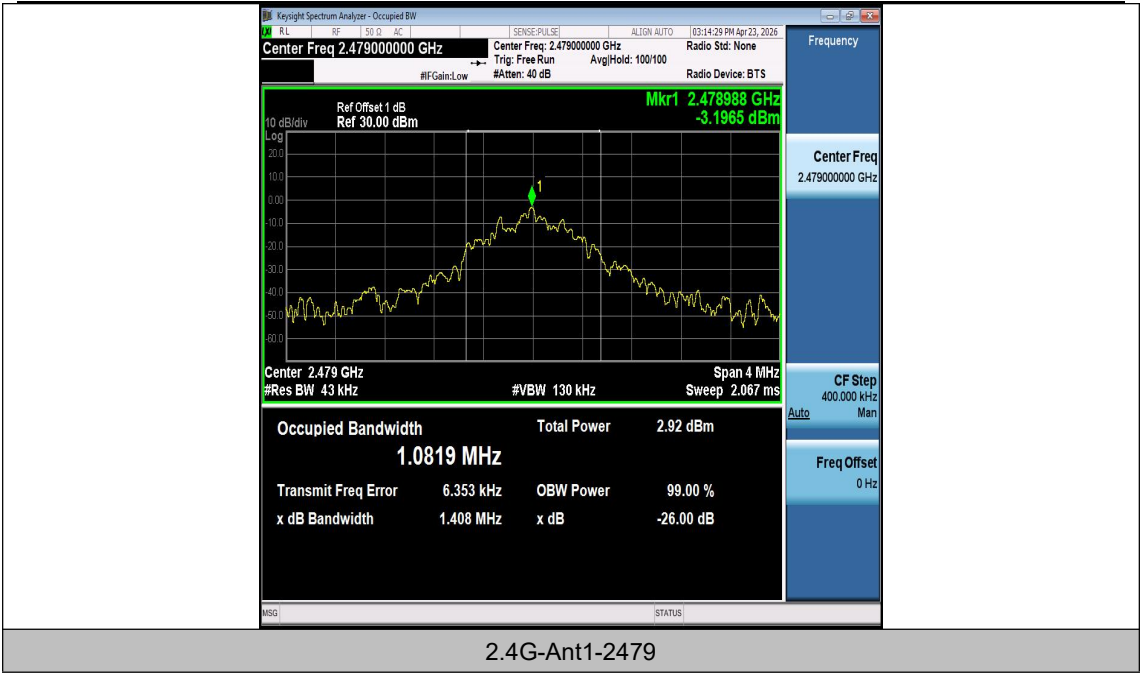
Test Graphs



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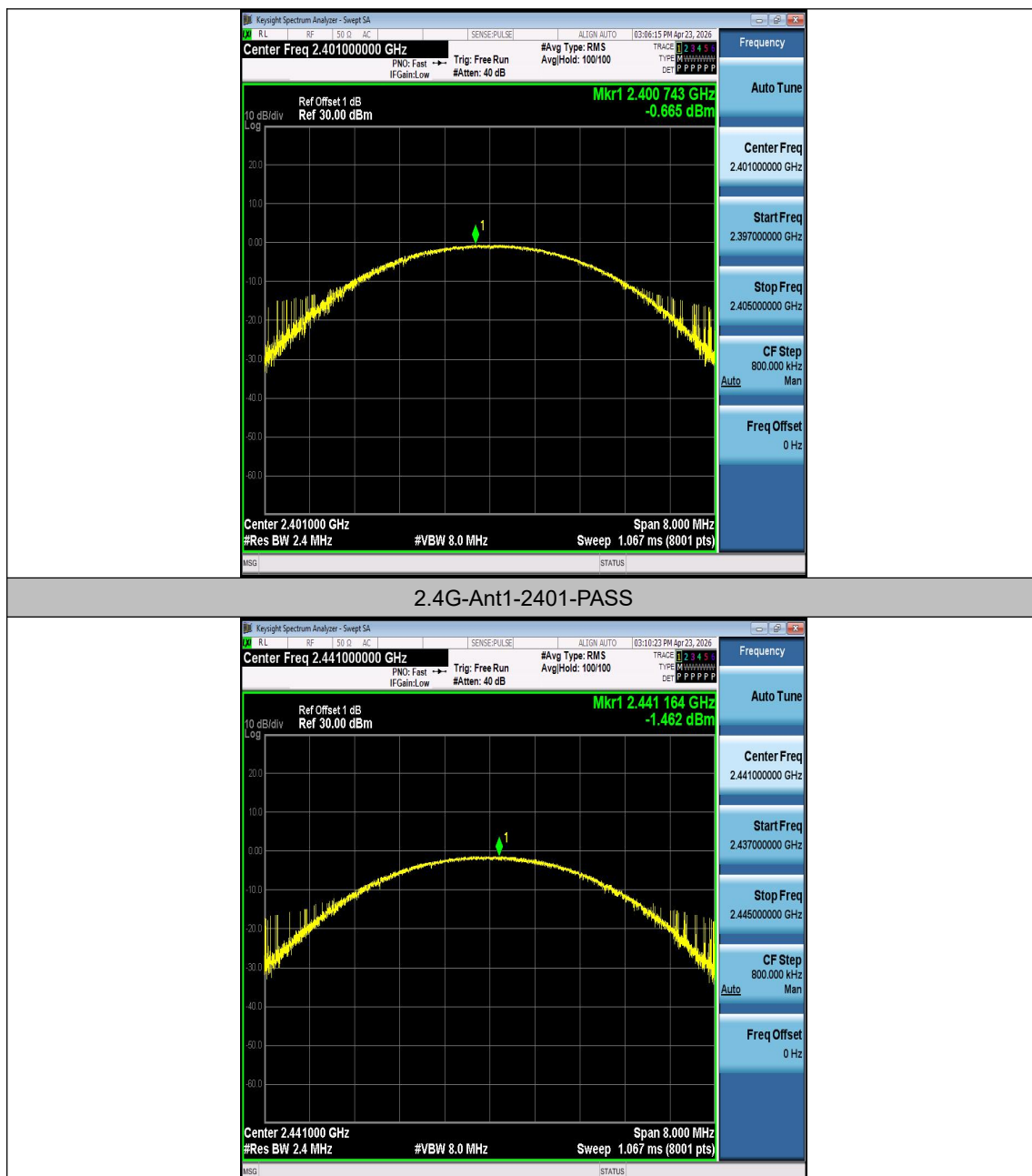
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2401	-0.67	≤30	PASS
2.4G	Ant1	2441	-1.46	≤30	PASS
2.4G	Ant1	2479	-2.02	≤30	PASS

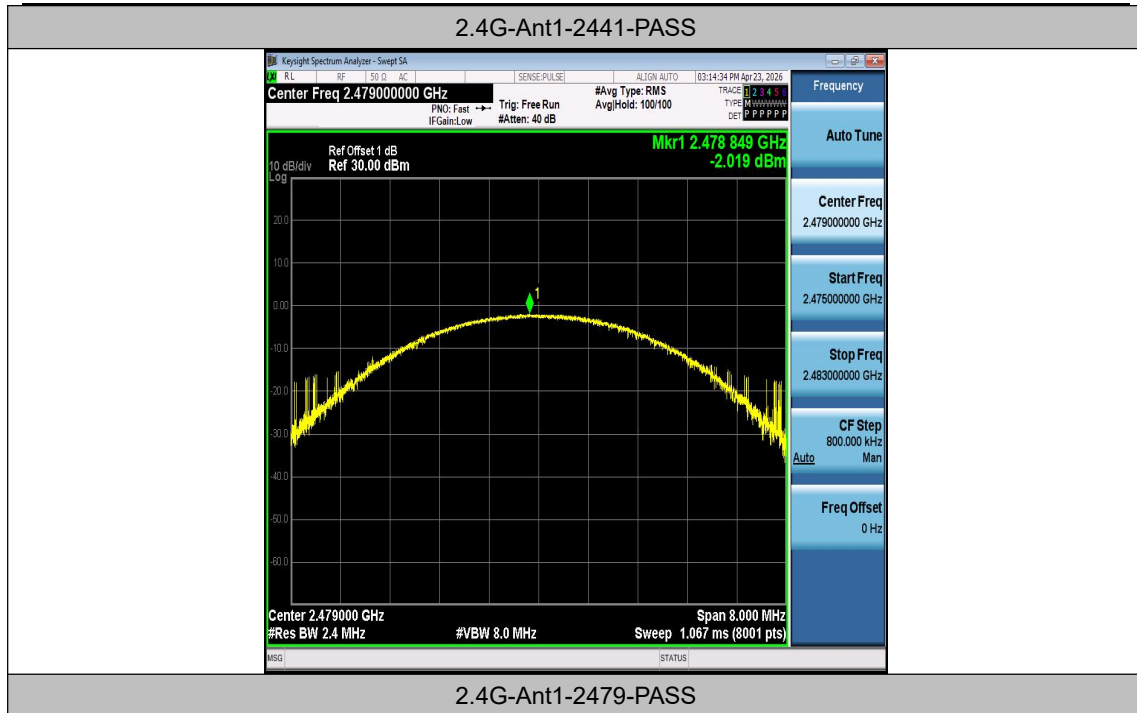
Test Graphs Peak



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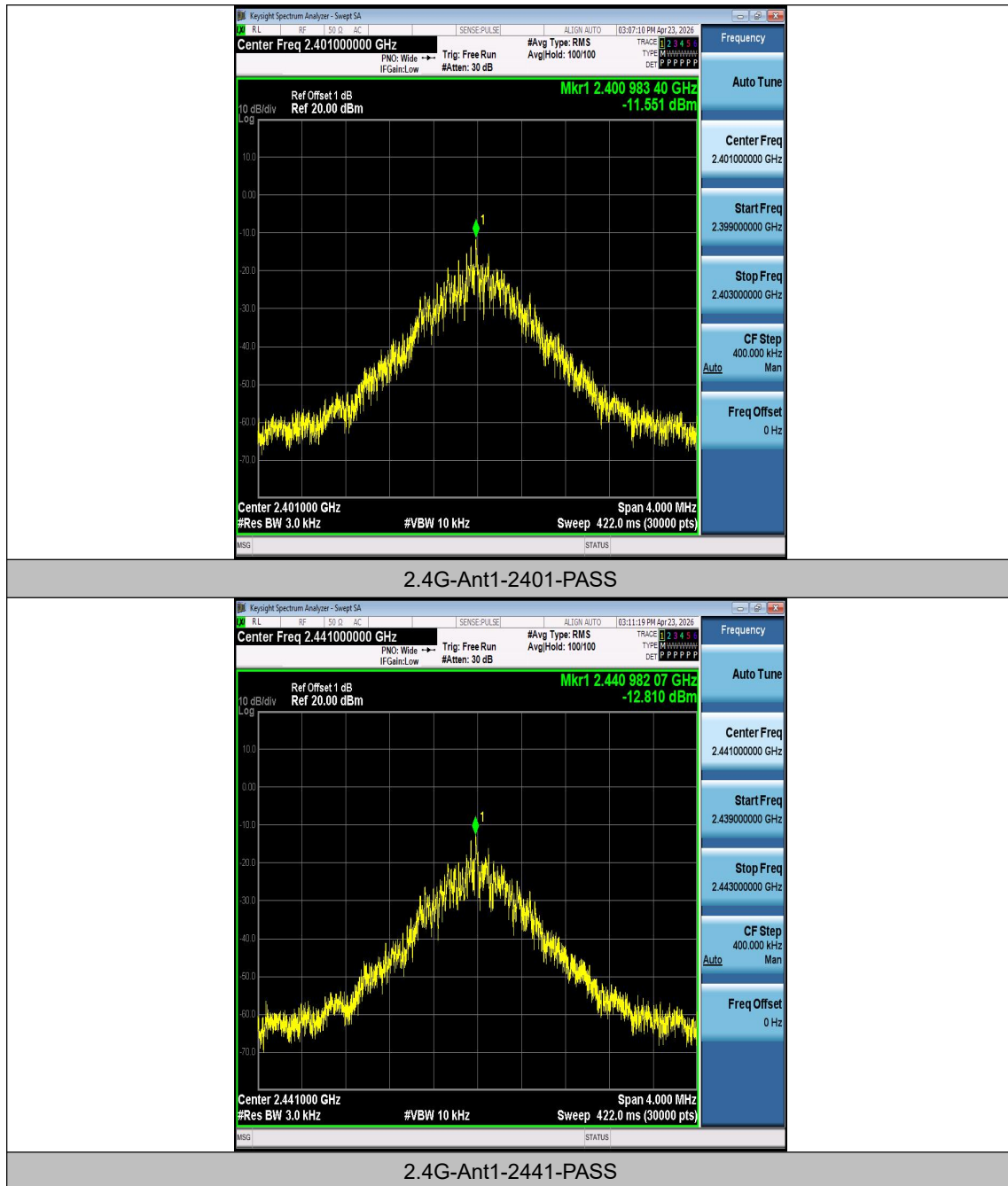
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2401	-11.55	≤8.00	PASS
2.4G	Ant1	2441	-12.81	≤8.00	PASS
2.4G	Ant1	2479	-13.60	≤8.00	PASS

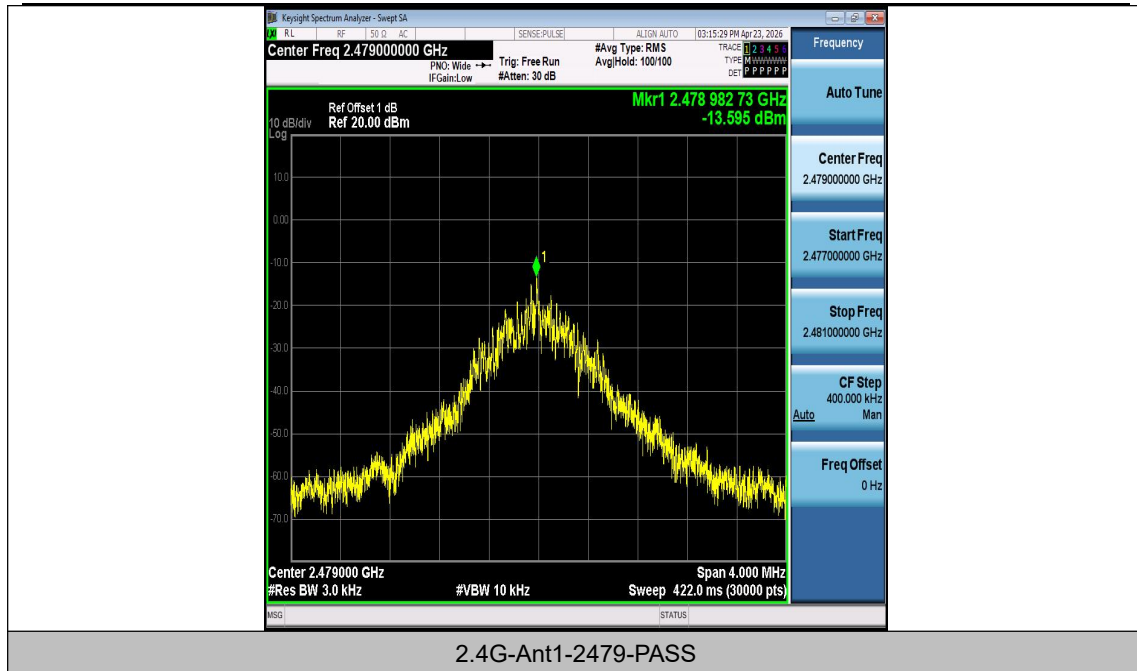
Test Graphs



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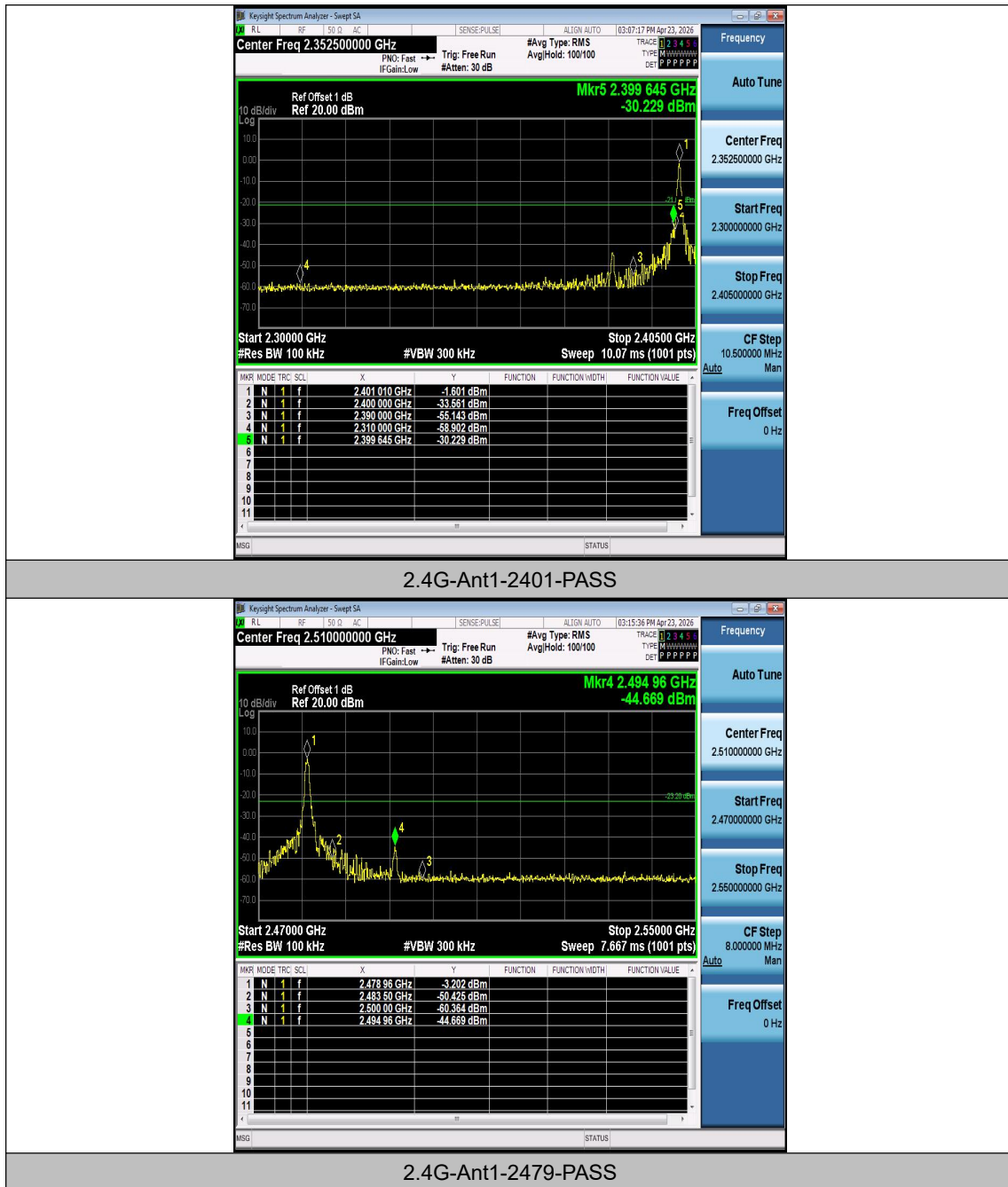
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2401	-1.60	-30.23	≤-21.6	PASS
2.4G	Ant1	High	2479	-3.20	-44.67	≤-23.2	PASS

Test Graphs



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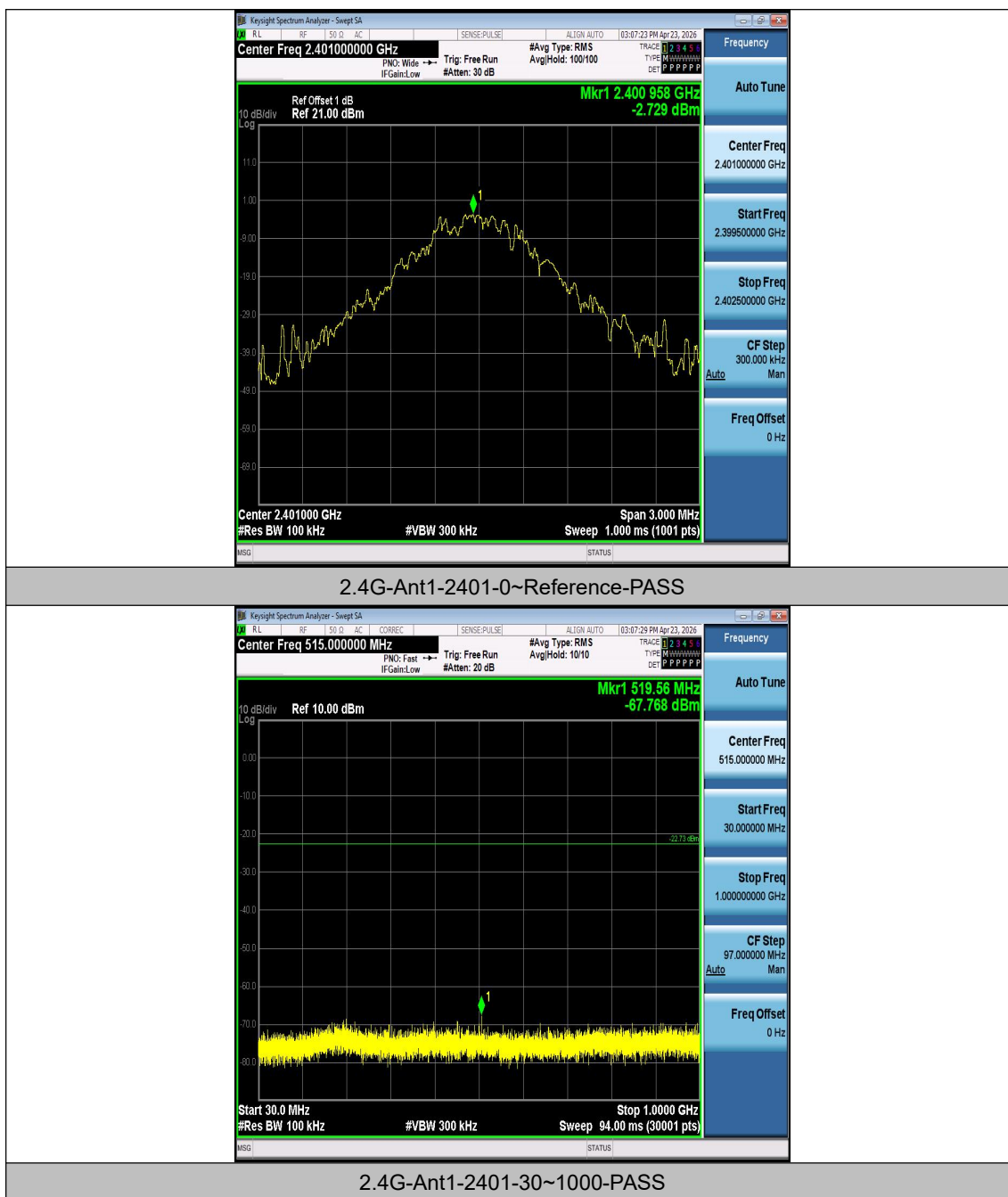
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2401	0~Reference	-2.73	-2.73	---	PASS
2.4G	Ant1	2401	30~1000	-2.73	-67.77	≤-22.73	PASS
2.4G	Ant1	2401	1000~26500	-2.73	-34.41	≤-22.73	PASS
2.4G	Ant1	2441	0~Reference	-2.53	-2.53	---	PASS
2.4G	Ant1	2441	30~1000	-2.53	-68.43	≤-22.53	PASS
2.4G	Ant1	2441	1000~26500	-2.53	-35.84	≤-22.53	PASS
2.4G	Ant1	2479	0~Reference	-2.97	-2.97	---	PASS
2.4G	Ant1	2479	30~1000	-2.97	-68.17	≤-22.97	PASS
2.4G	Ant1	2479	1000~26500	-2.97	-35.27	≤-22.97	PASS

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

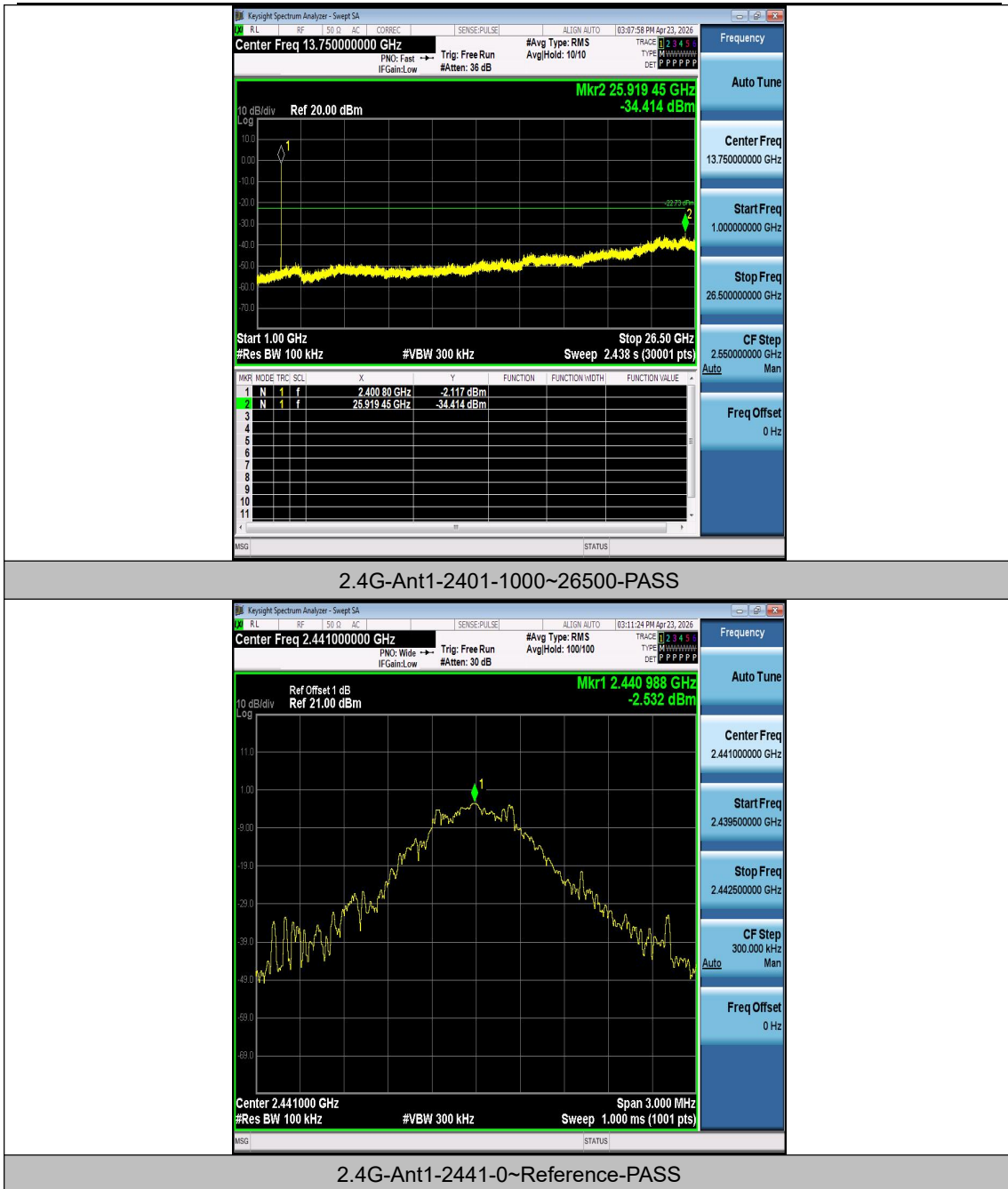
Test Graphs



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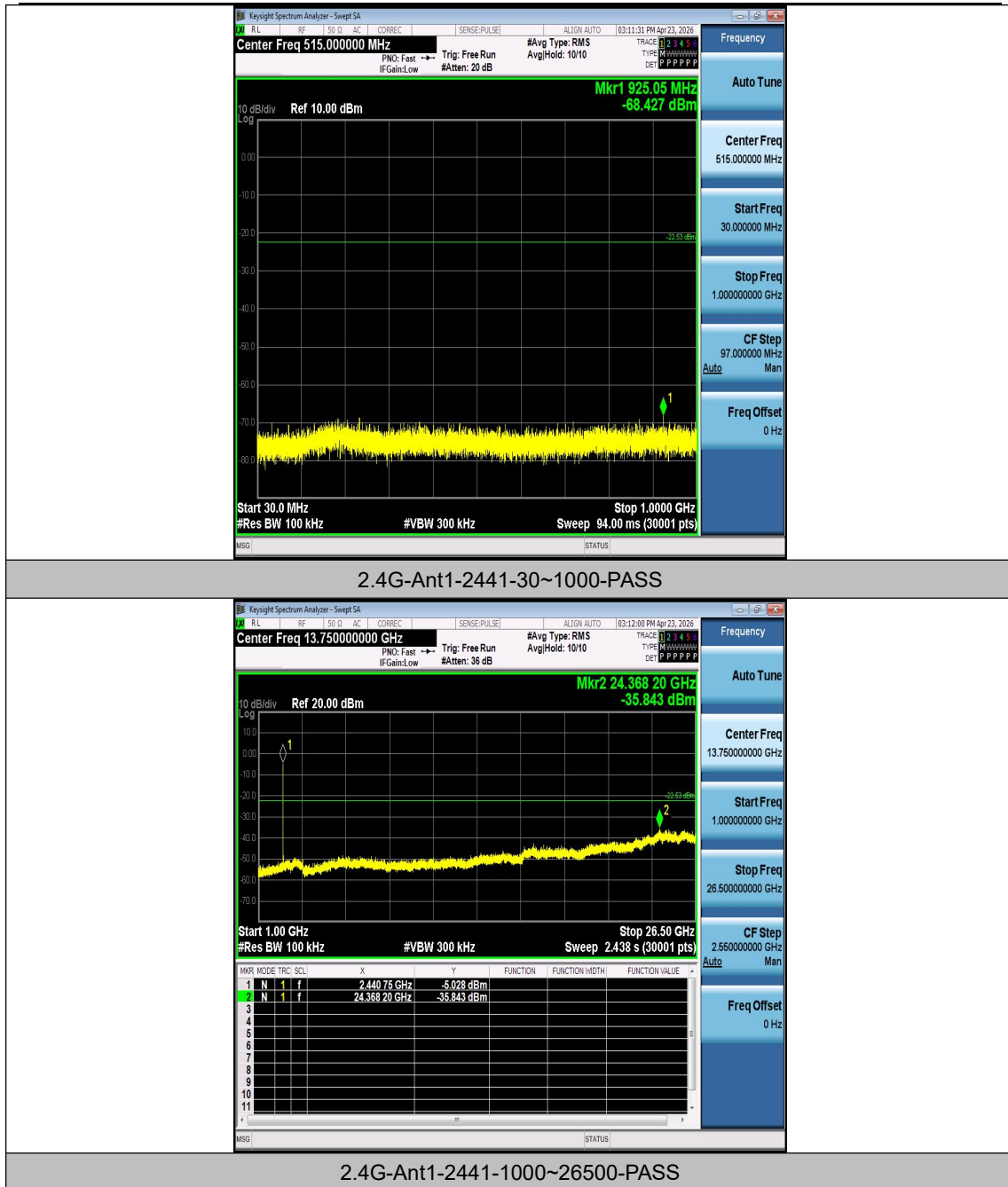
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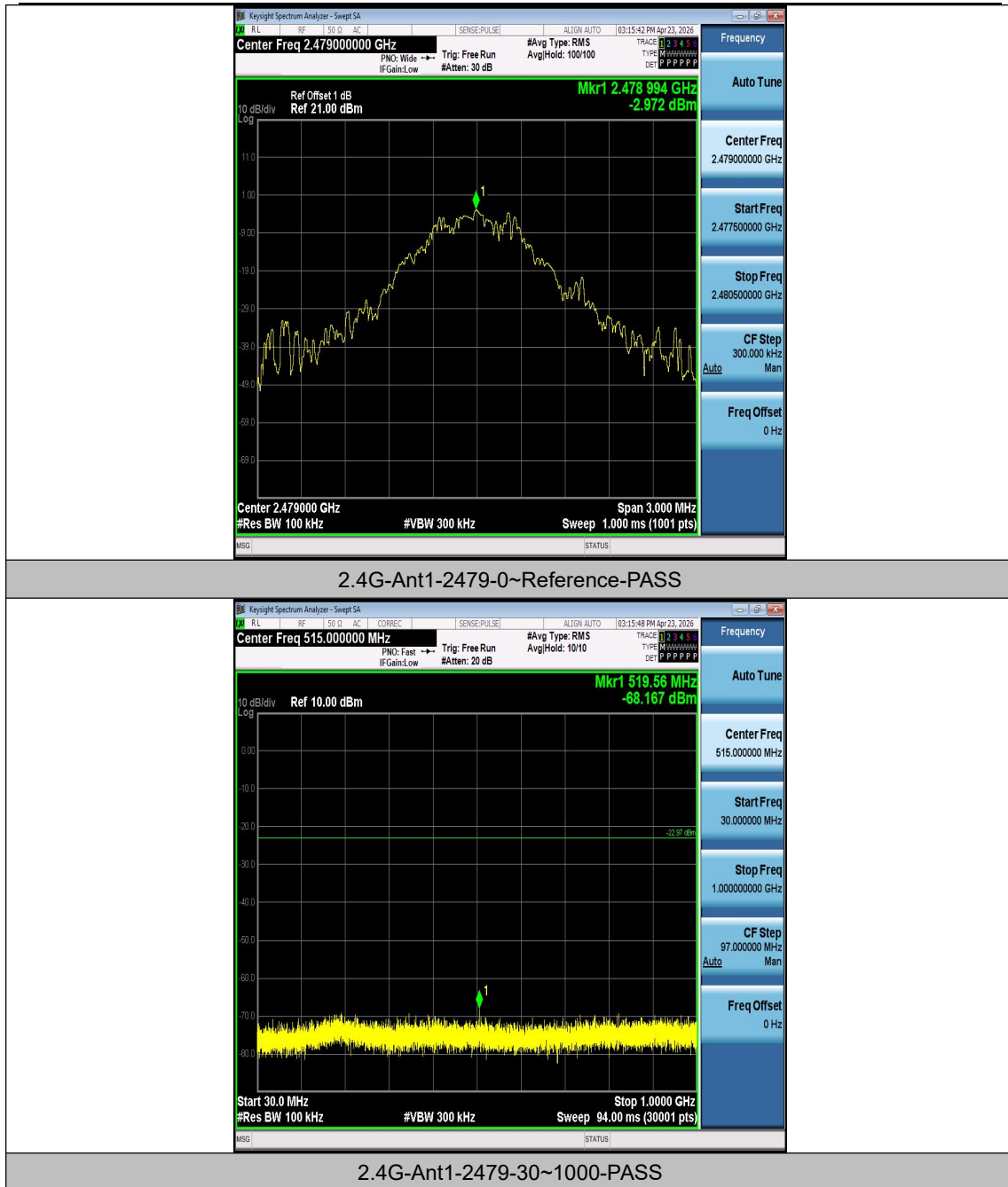
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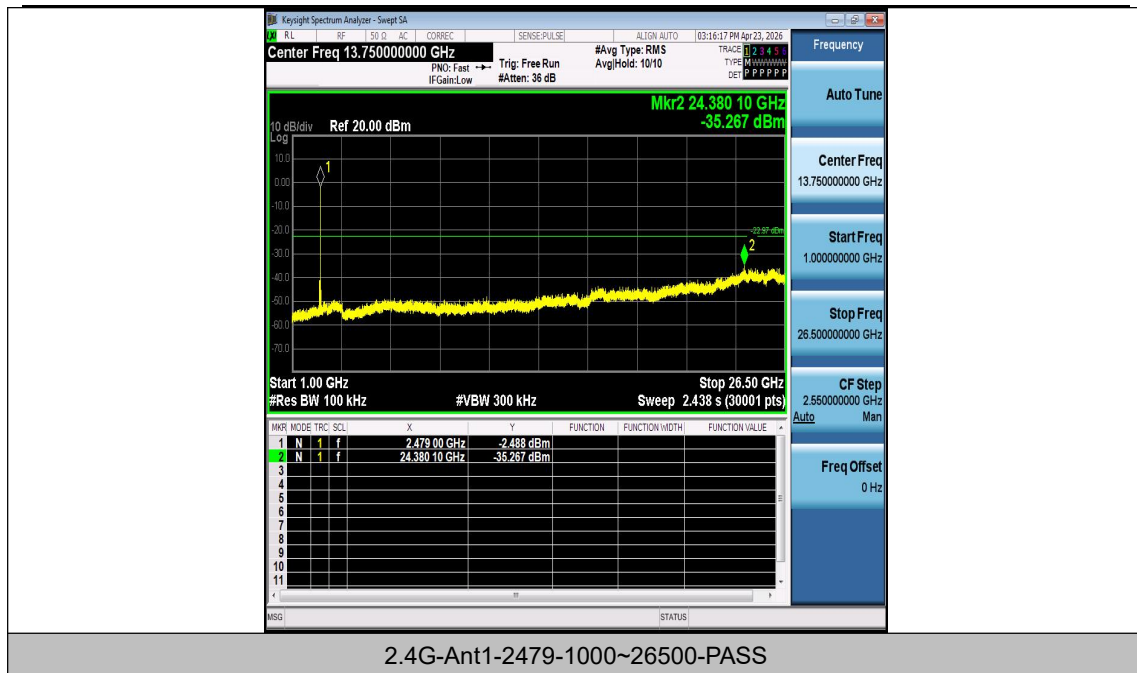
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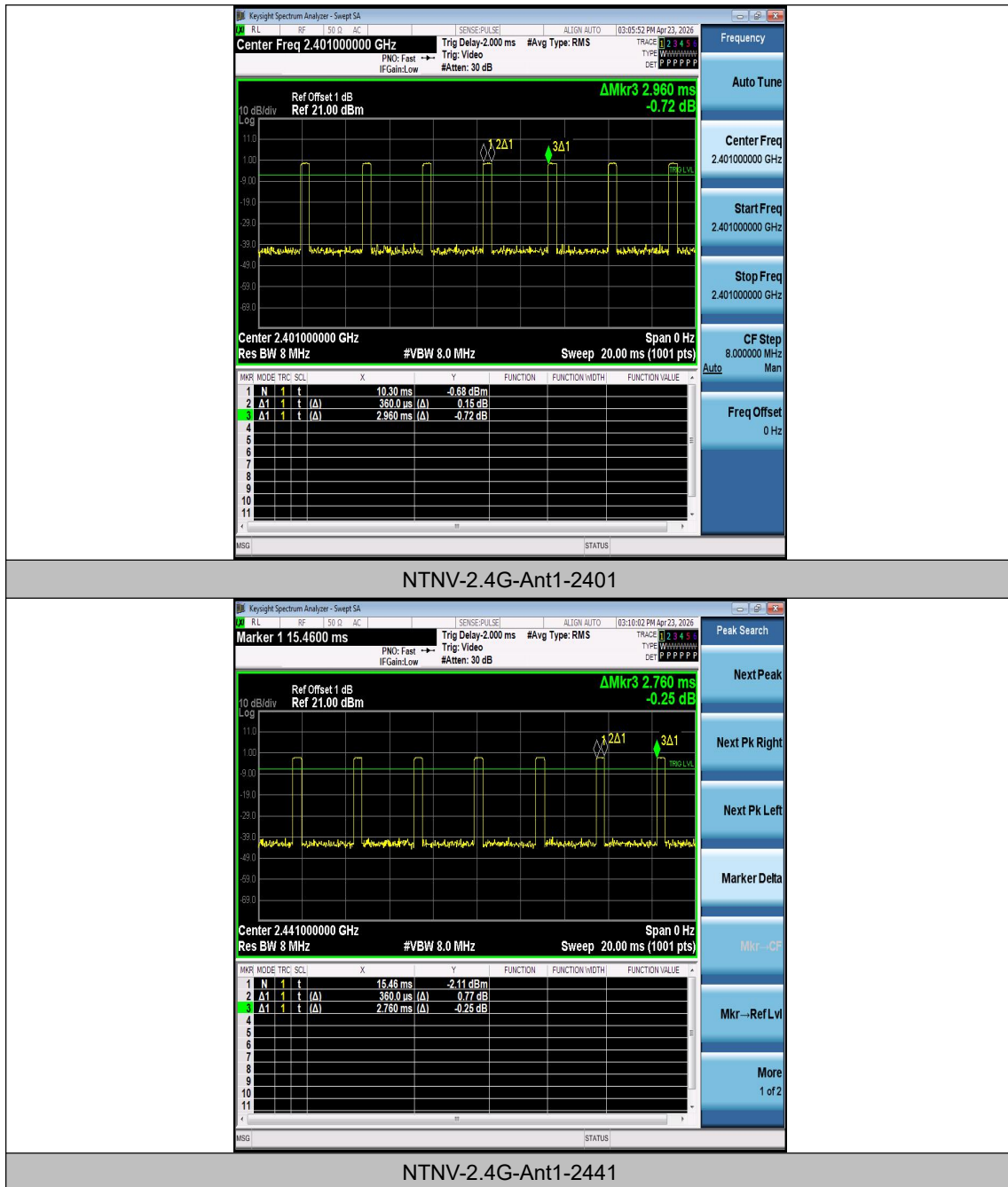
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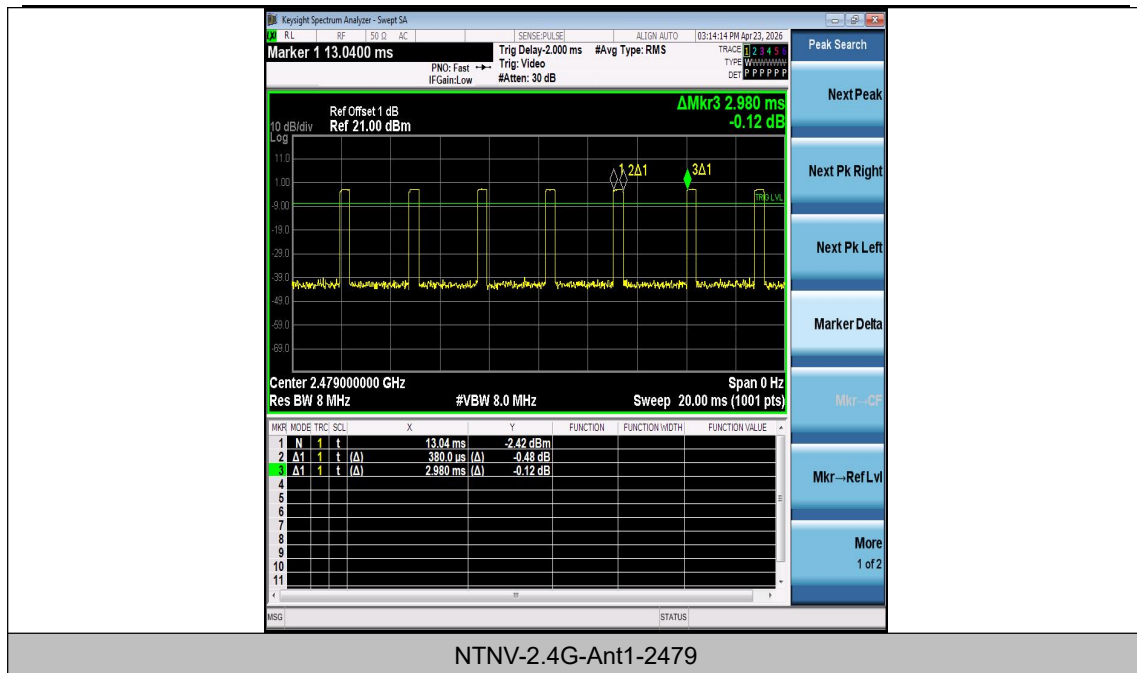
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2401	0.36	2.96	12.16	9.15
2.4G	Ant1	2441	0.36	2.76	13.04	8.85
2.4G	Ant1	2479	0.38	2.98	12.75	8.94

Test Graphs





---End---

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