

Appendix Test Data

Report No.:	1813C60140812501-01	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	0.612	2400.672	2401.284	0.5	PASS
2.4G	Ant1	2441	0.608	2440.688	2441.296	0.5	PASS
2.4G	Ant1	2479	0.604	2478.696	2479.300	0.5	PASS

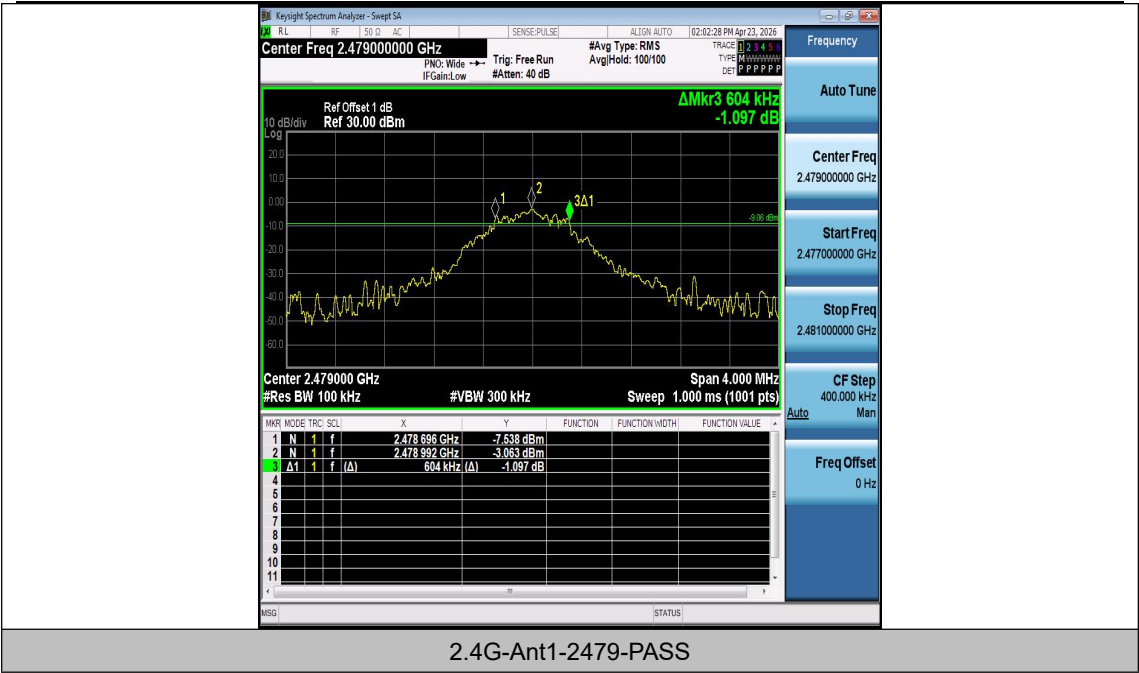
Test Graphs



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2.4G-Ant1-2479-PASS

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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	1.1692	2400.4316	2401.6008	---	---
2.4G	Ant1	2441	1.1828	2440.4178	2441.6006	---	---
2.4G	Ant1	2479	1.1196	2478.4384	2479.5580	---	---

Test Graphs



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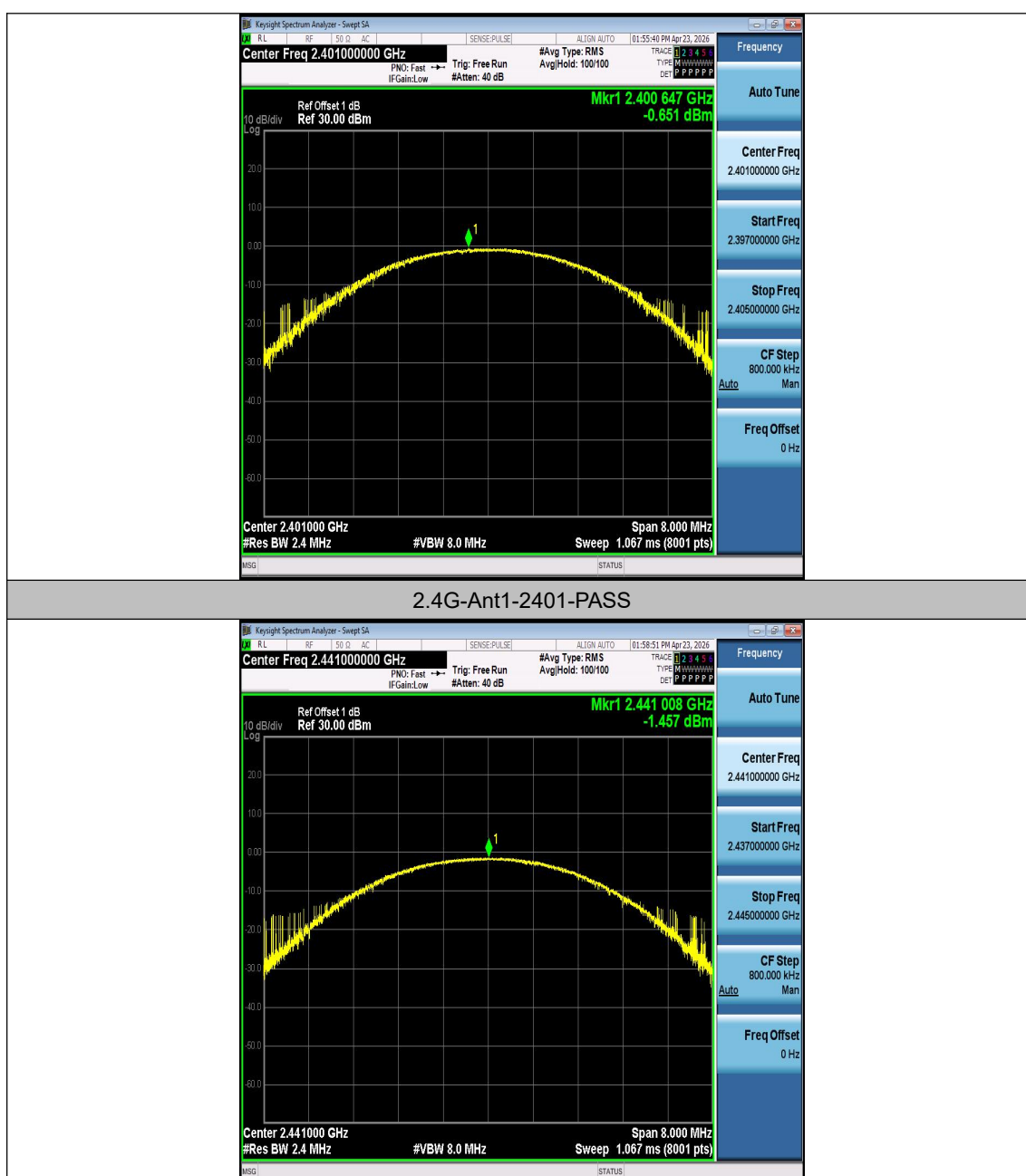
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2401	-0.65	≤30	PASS
2.4G	Ant1	2441	-1.46	≤30	PASS
2.4G	Ant1	2479	-2.11	≤30	PASS

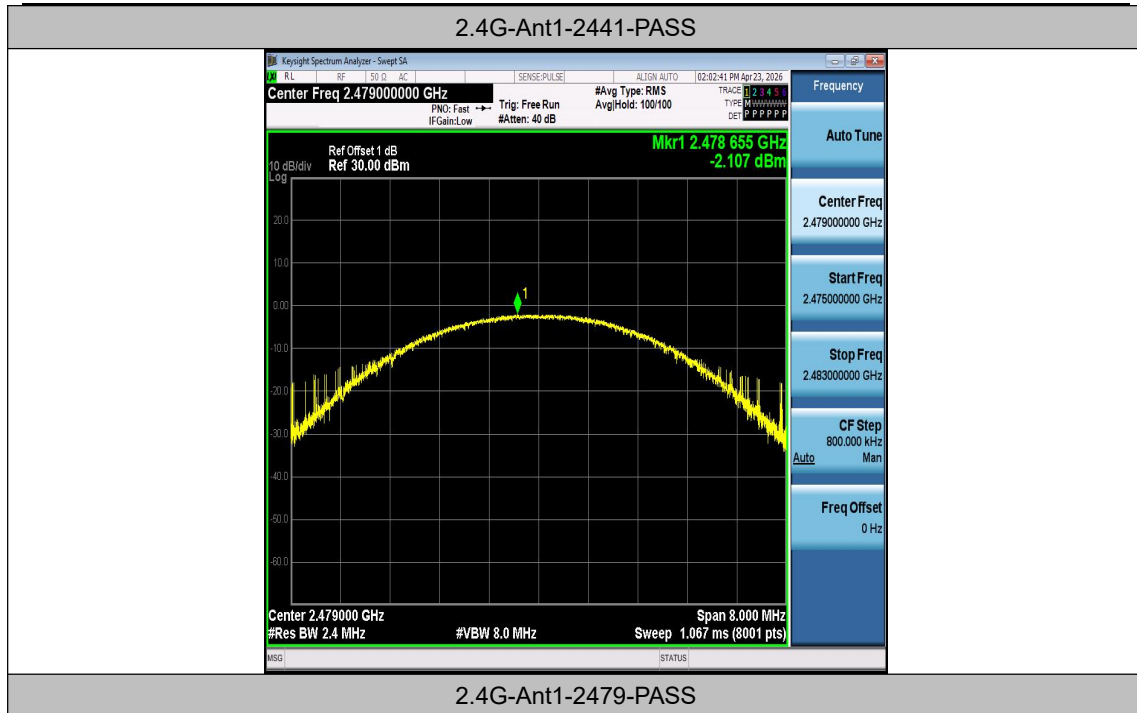
Test Graphs Peak



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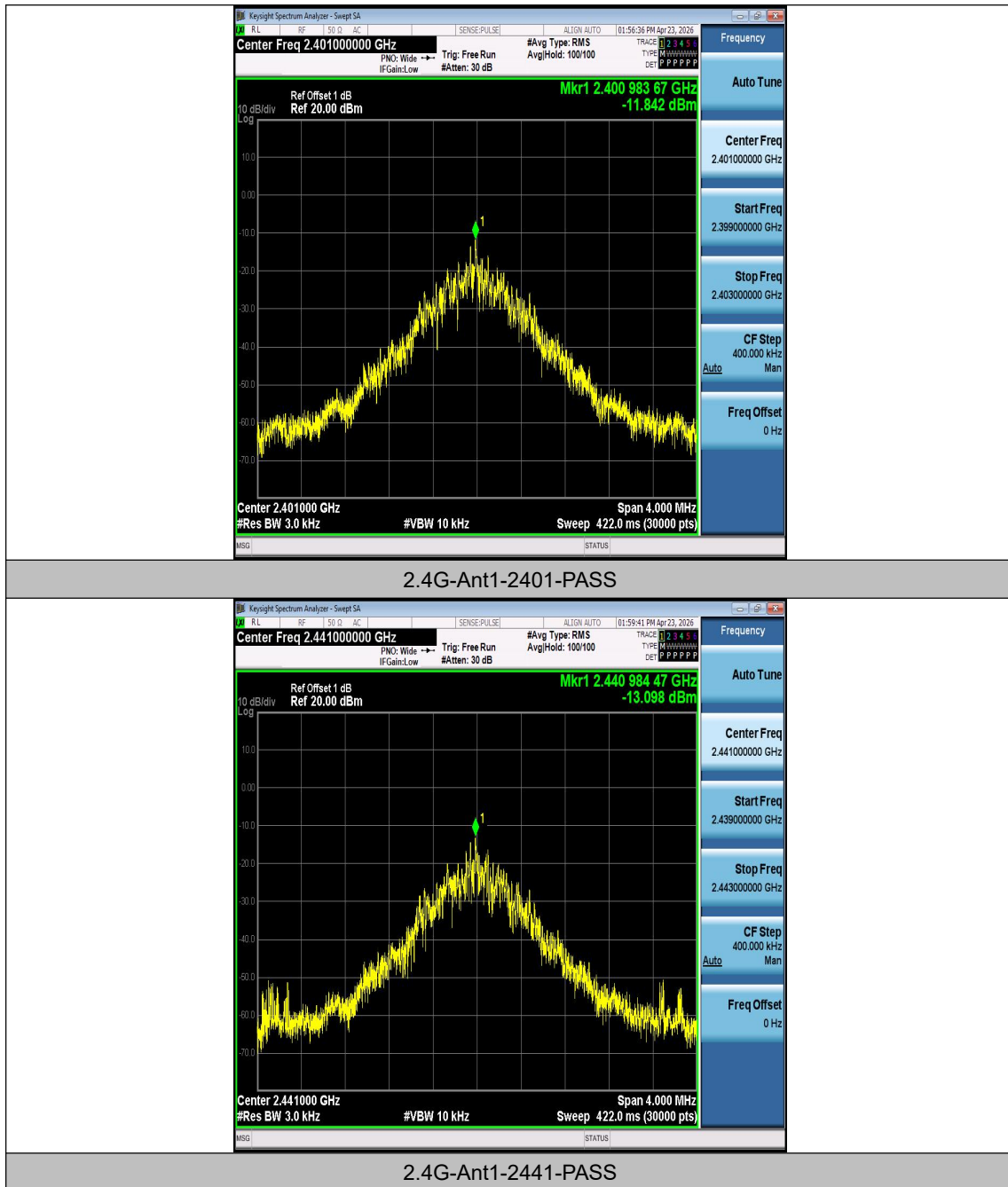
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2401	-11.84	≤8.00	PASS
2.4G	Ant1	2441	-13.10	≤8.00	PASS
2.4G	Ant1	2479	-13.42	≤8.00	PASS

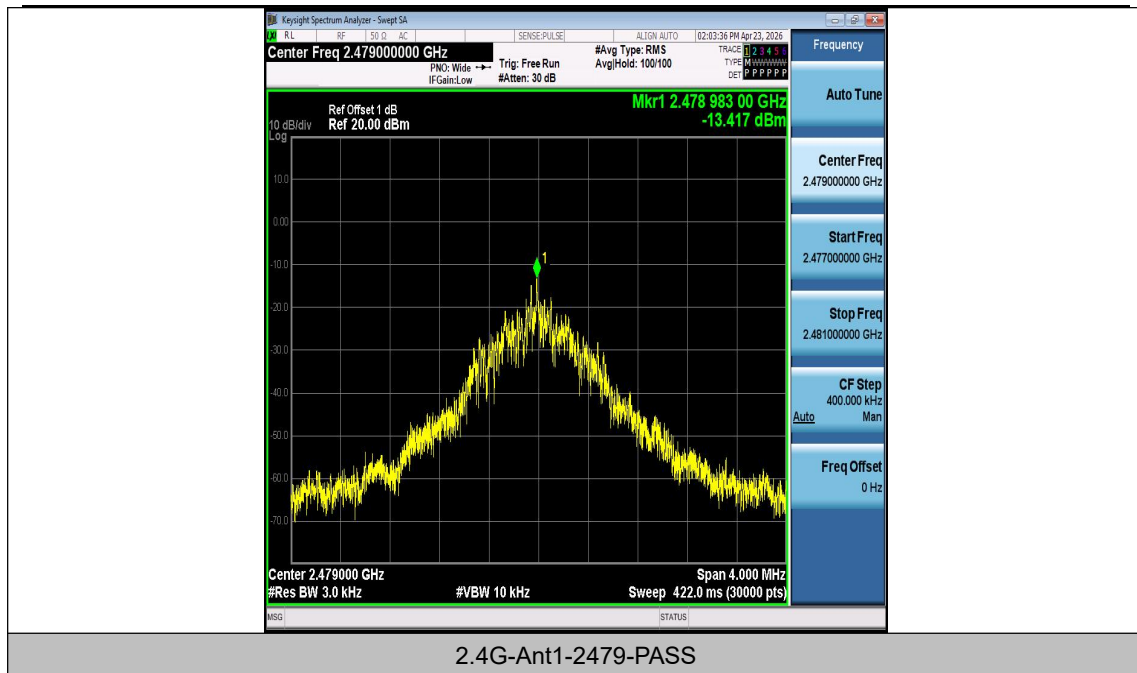
Test Graphs



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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	-2.28	-30.01	≤-22.28	PASS
2.4G	Ant1	High	2479	-3.36	-44.11	≤-23.36	PASS

Test Graphs



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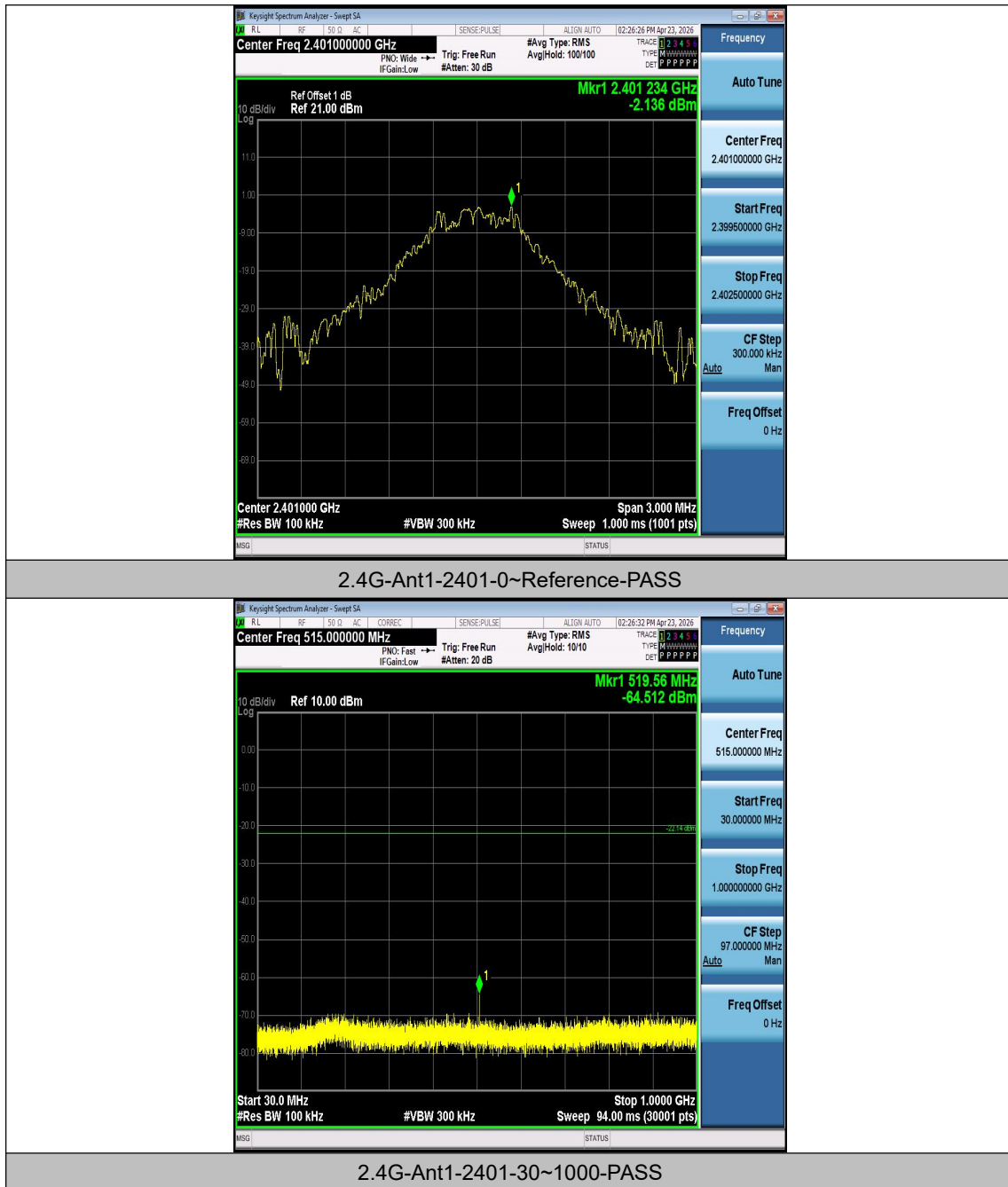
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2401	0~Reference	-2.14	-2.14	---	PASS
2.4G	Ant1	2401	30~1000	-2.14	-64.51	≤-22.14	PASS
2.4G	Ant1	2401	1000~26500	-2.14	-36.18	≤-22.14	PASS
2.4G	Ant1	2441	0~Reference	-2.57	-2.57	---	PASS
2.4G	Ant1	2441	30~1000	-2.57	-61.57	≤-22.57	PASS
2.4G	Ant1	2441	1000~26500	-2.57	-36.5	≤-22.57	PASS
2.4G	Ant1	2479	0~Reference	-3.53	-3.53	---	PASS
2.4G	Ant1	2479	30~1000	-3.53	-40.36	≤-23.53	PASS
2.4G	Ant1	2479	1000~26500	-3.53	-35.9	≤-23.53	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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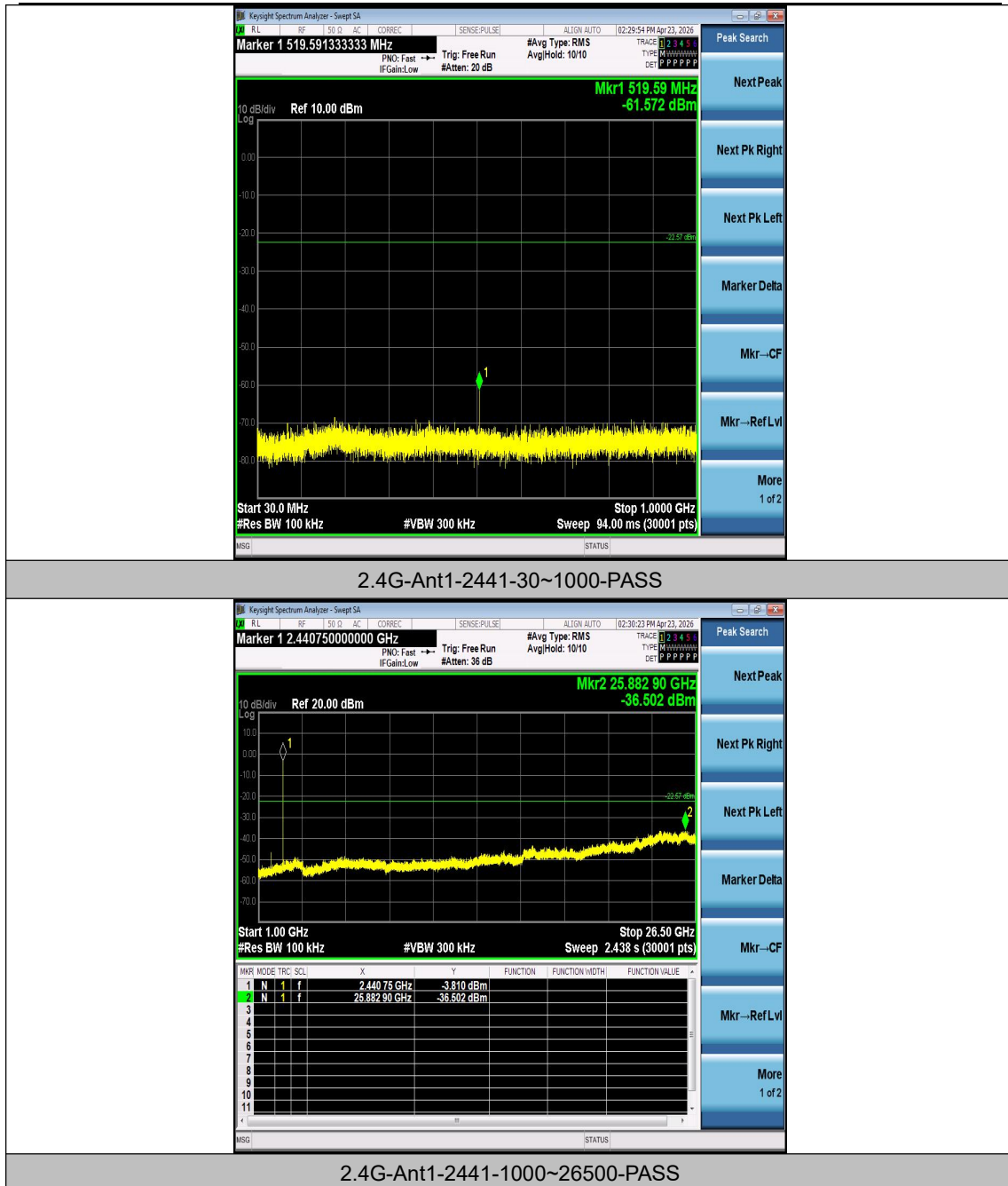
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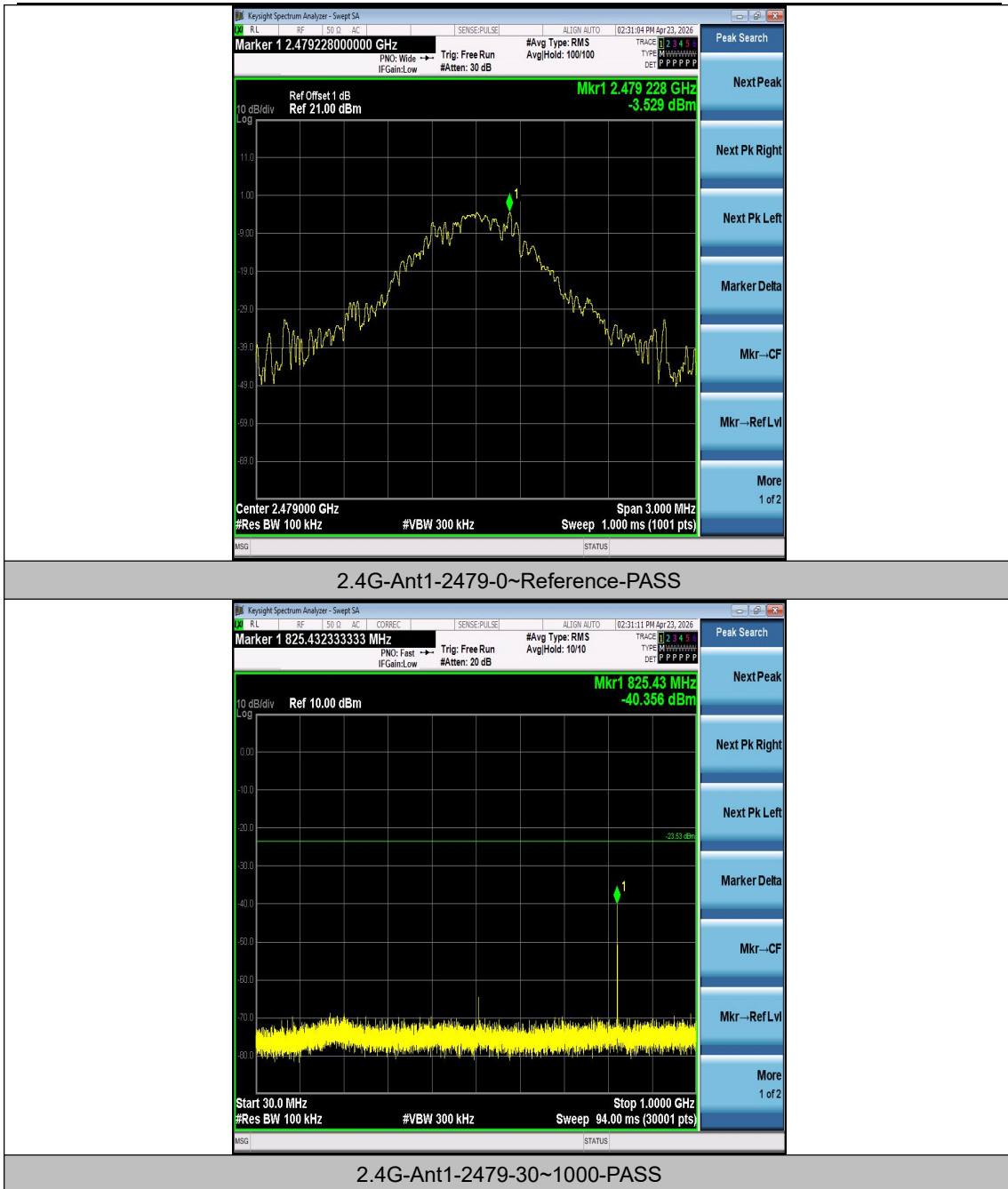
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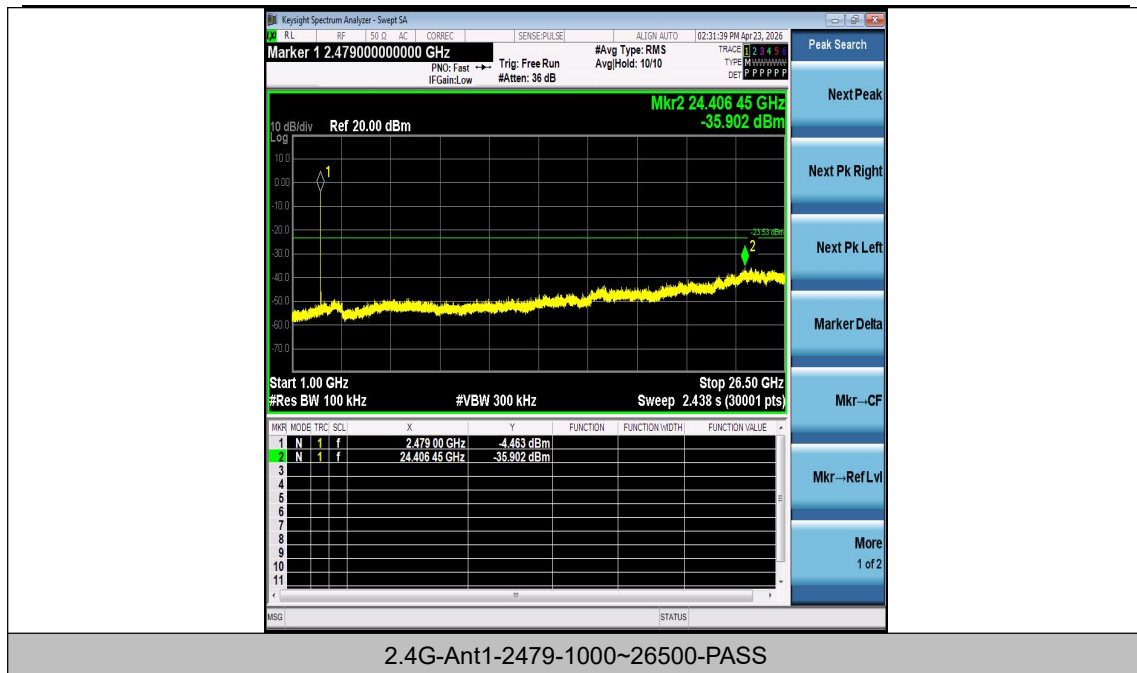
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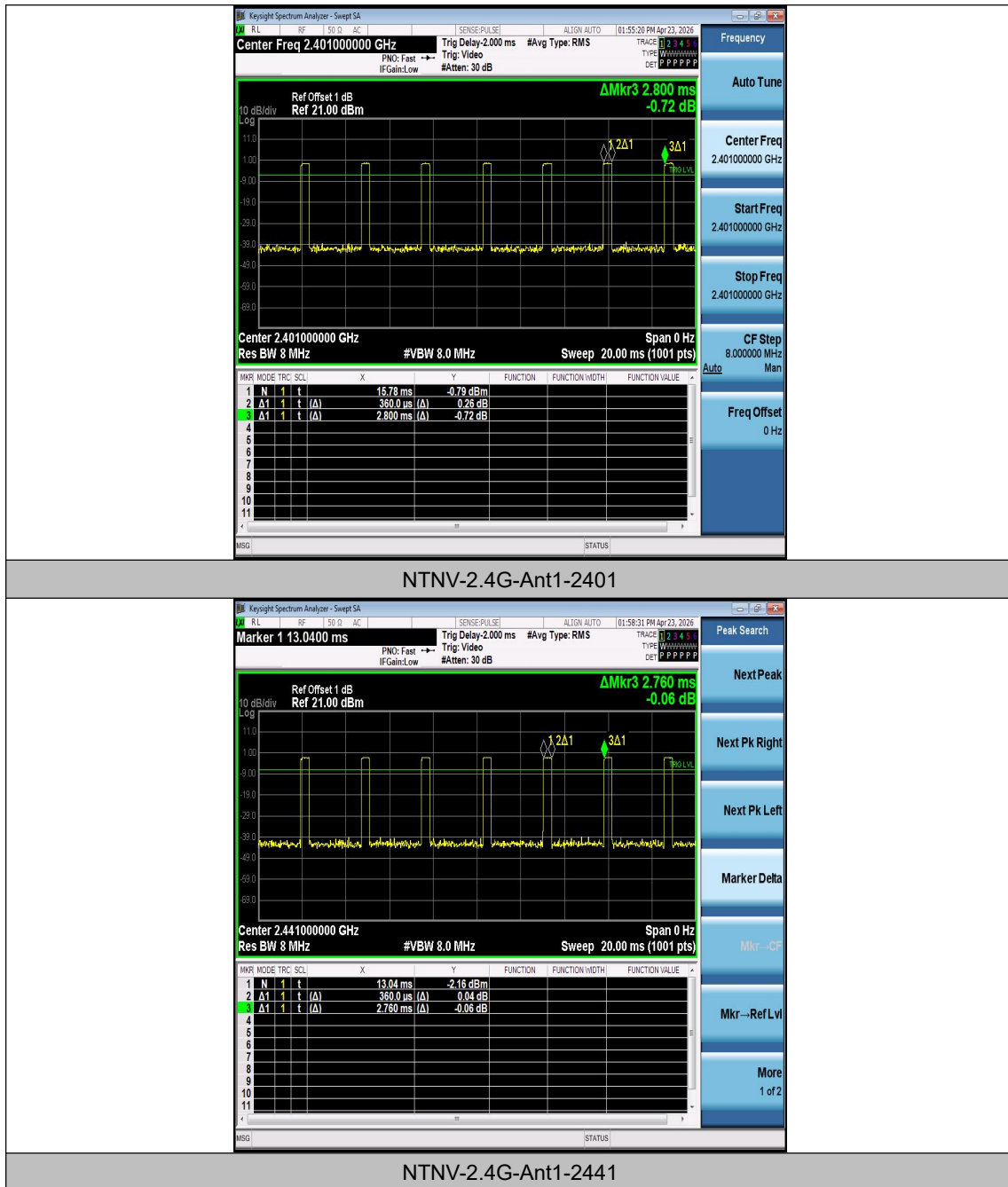
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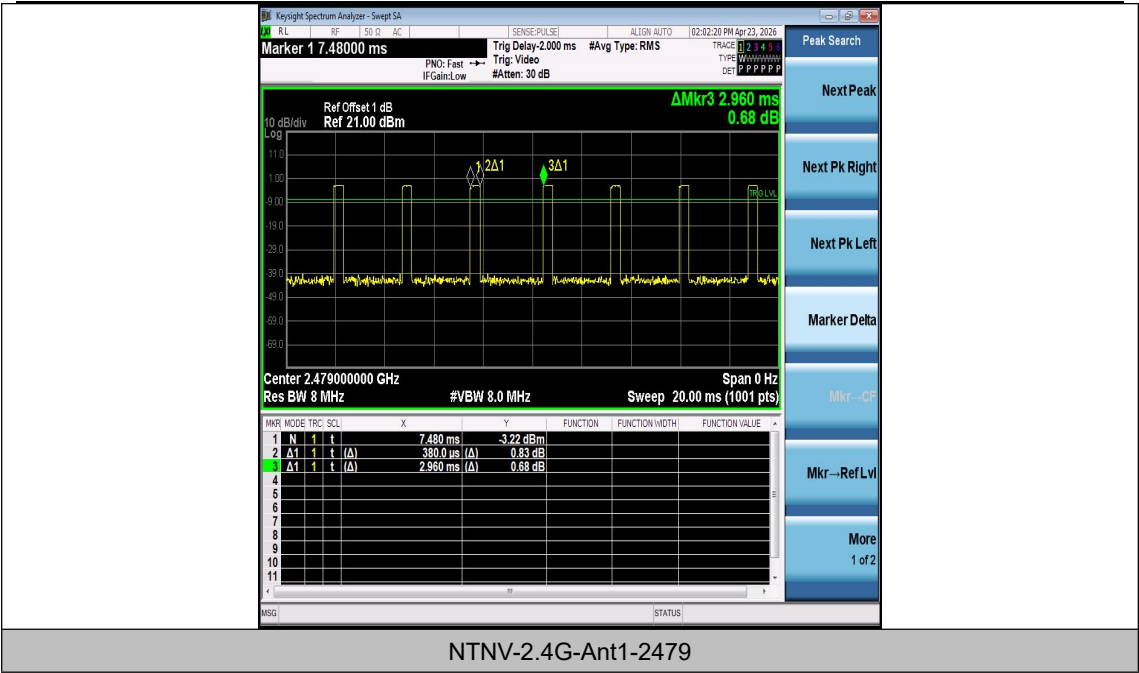
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2401	0.36	2.80	12.86	8.91
2.4G	Ant1	2441	0.36	2.76	13.04	8.85
2.4G	Ant1	2479	0.38	2.96	12.84	8.91

Test Graphs





---End---