

Appendix Test Data

Report No.:	1812C60533812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-9-20	Finish Test Date:	2026-9-21
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	22.2°C	Relative Humidity:	67%
Pressure:	100.7kPa		

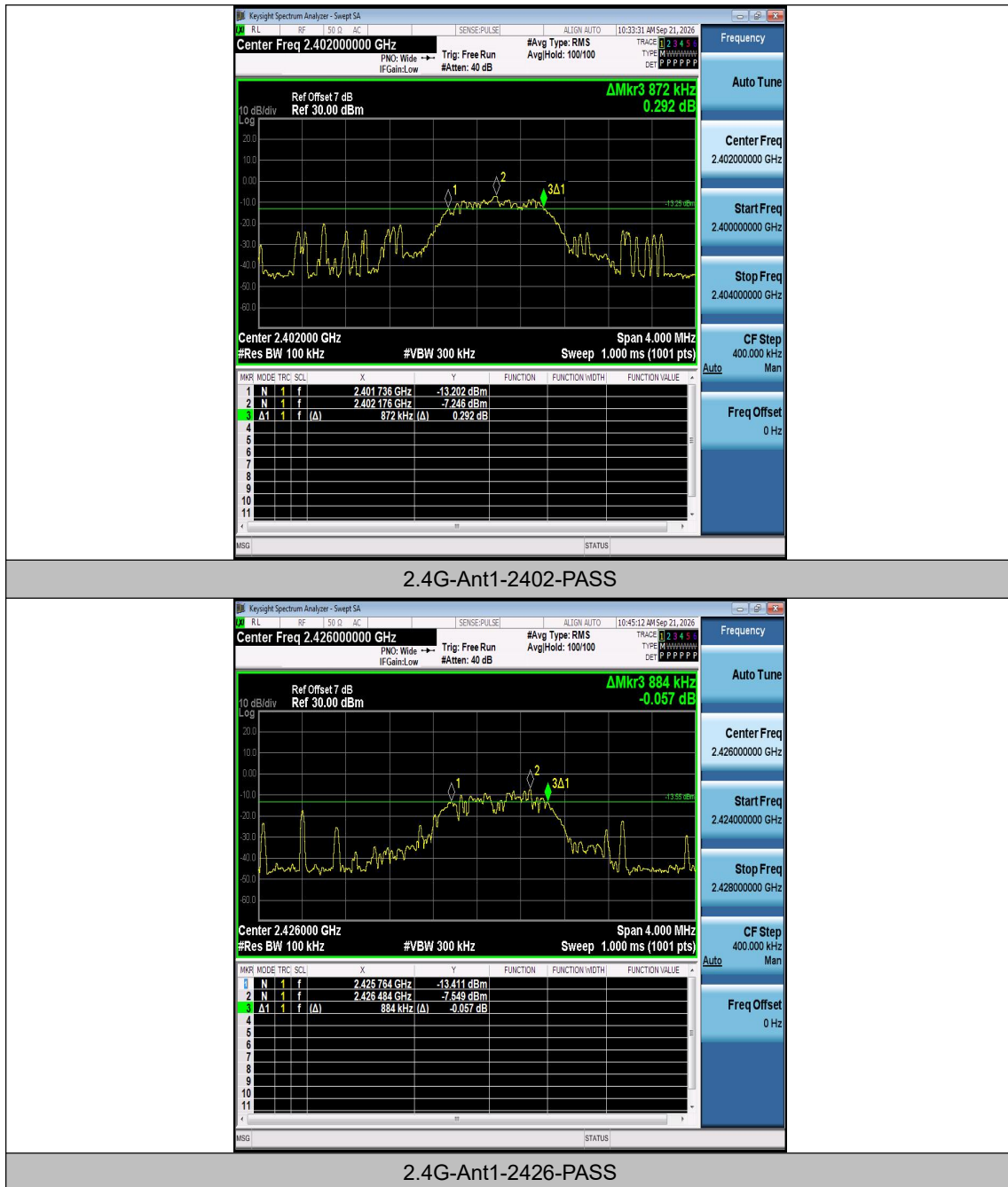


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	0.872	2401.736	2402.608	0.5	PASS
2.4G	Ant1	2426	0.884	2425.764	2426.648	0.5	PASS
2.4G	Ant1	2480	0.848	2479.768	2480.616	0.5	PASS

Test Graphs



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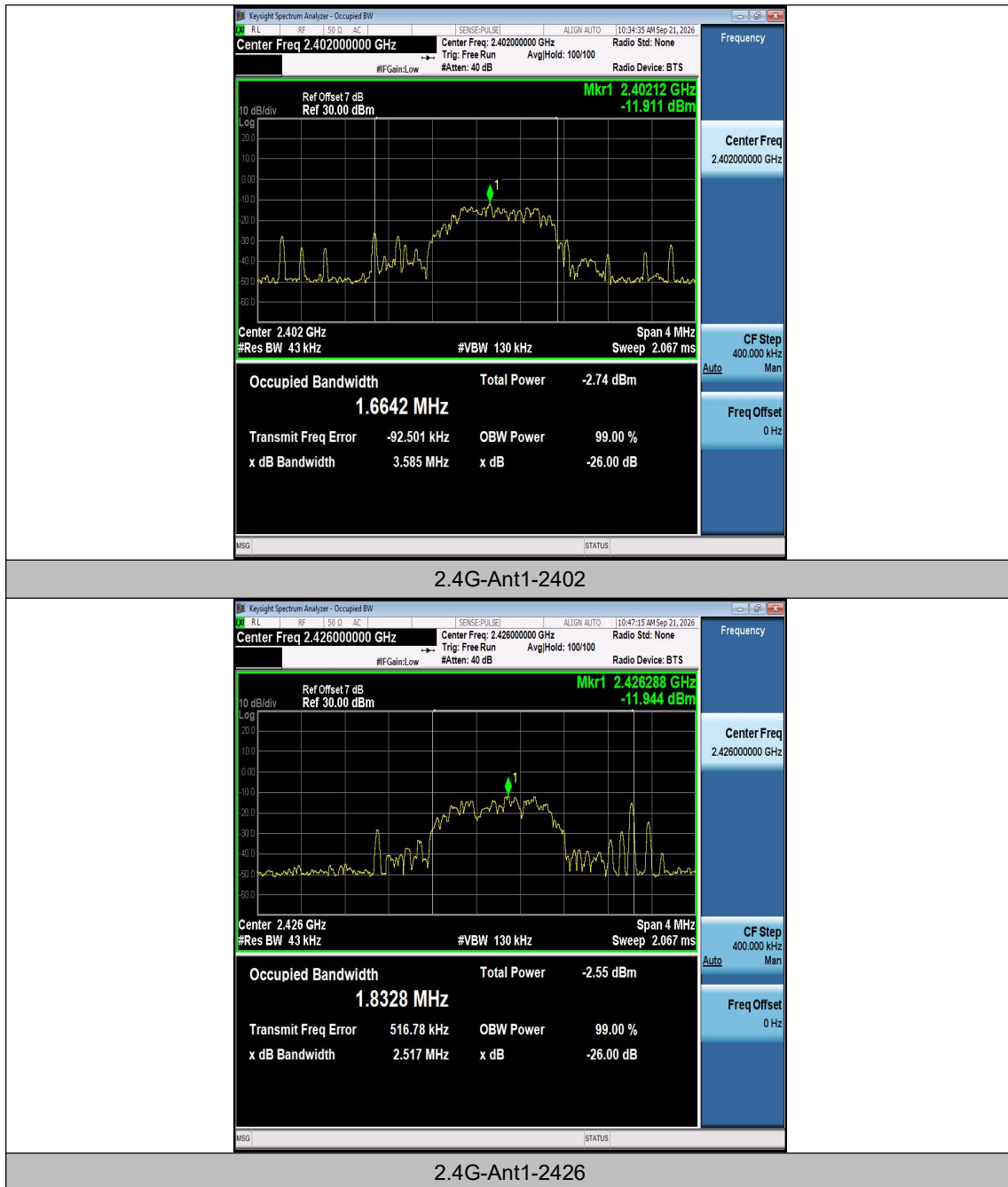
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	1.6642	2401.0754	2402.7396	---	---
2.4G	Ant1	2426	1.8328	2425.6004	2427.4332	---	---
2.4G	Ant1	2480	1.8653	2478.9262	2480.7915	---	---

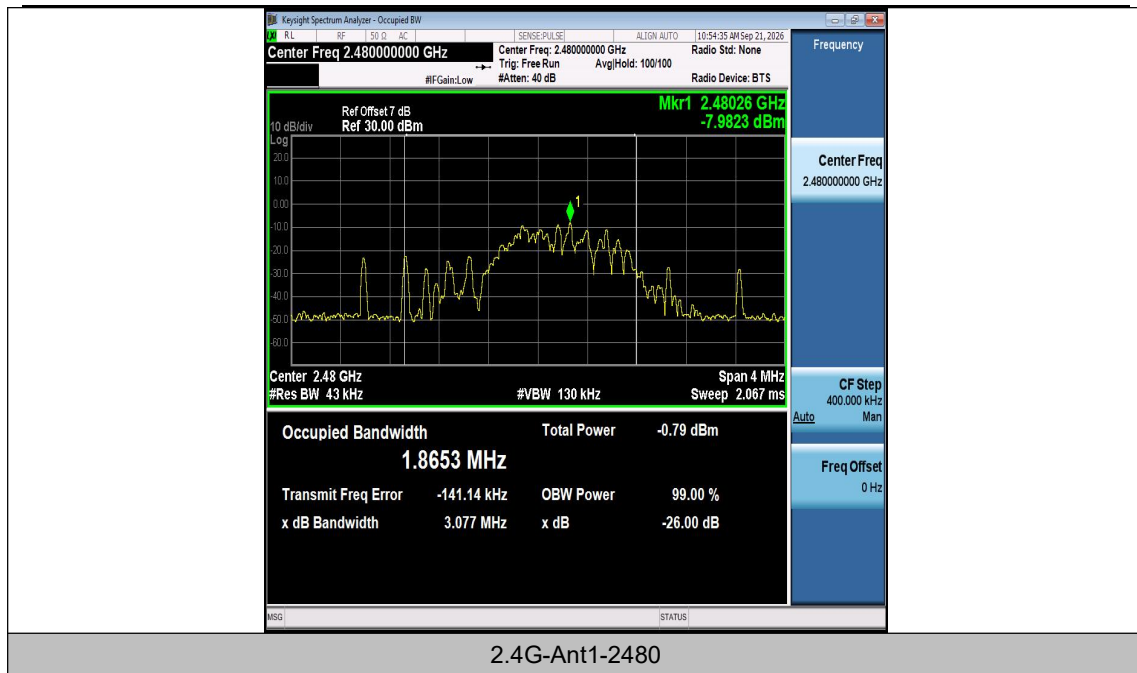
Test Graphs



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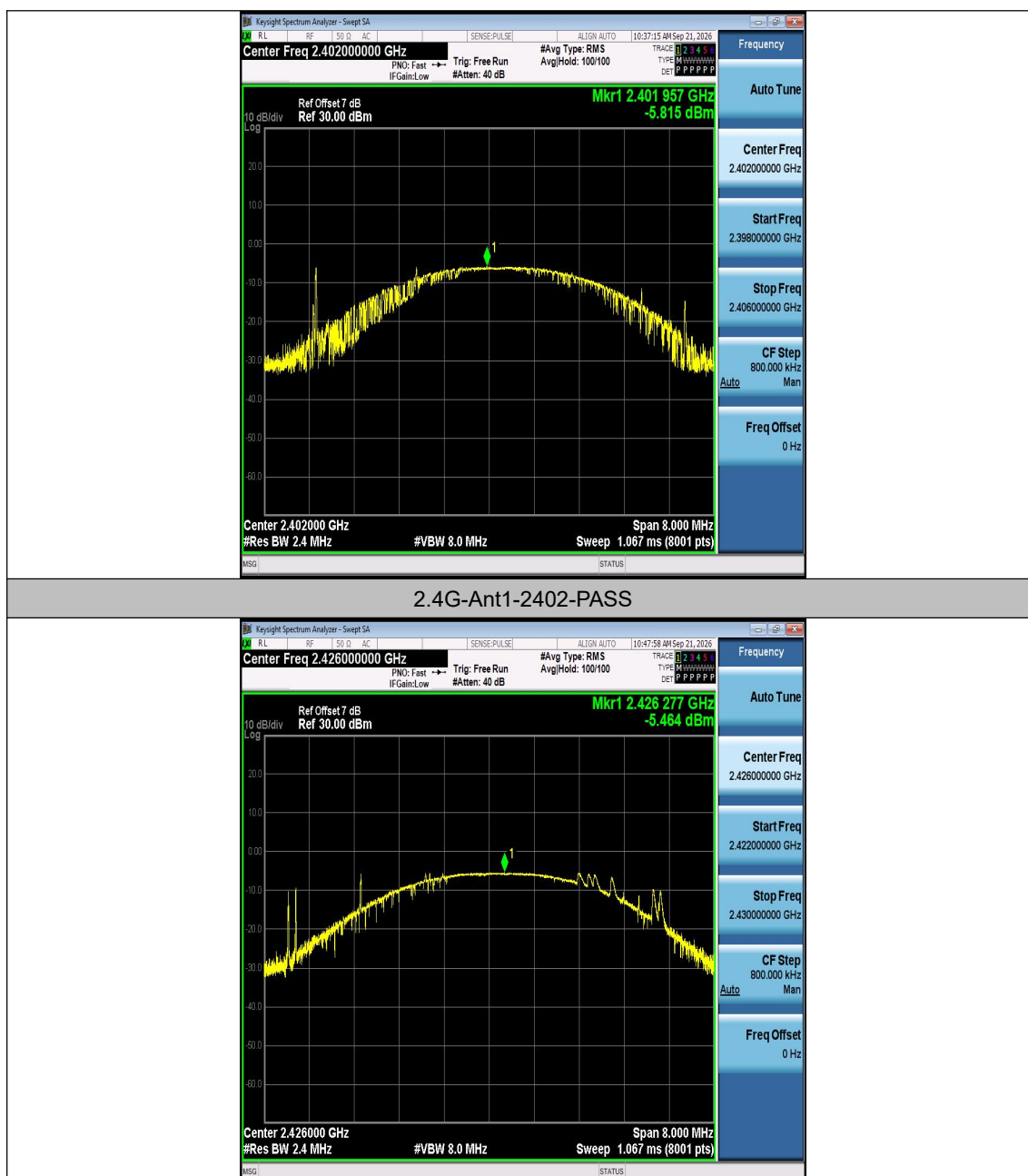
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402	-5.82	≤30	PASS
2.4G	Ant1	2426	-5.46	≤30	PASS
2.4G	Ant1	2480	-4.64	≤30	PASS

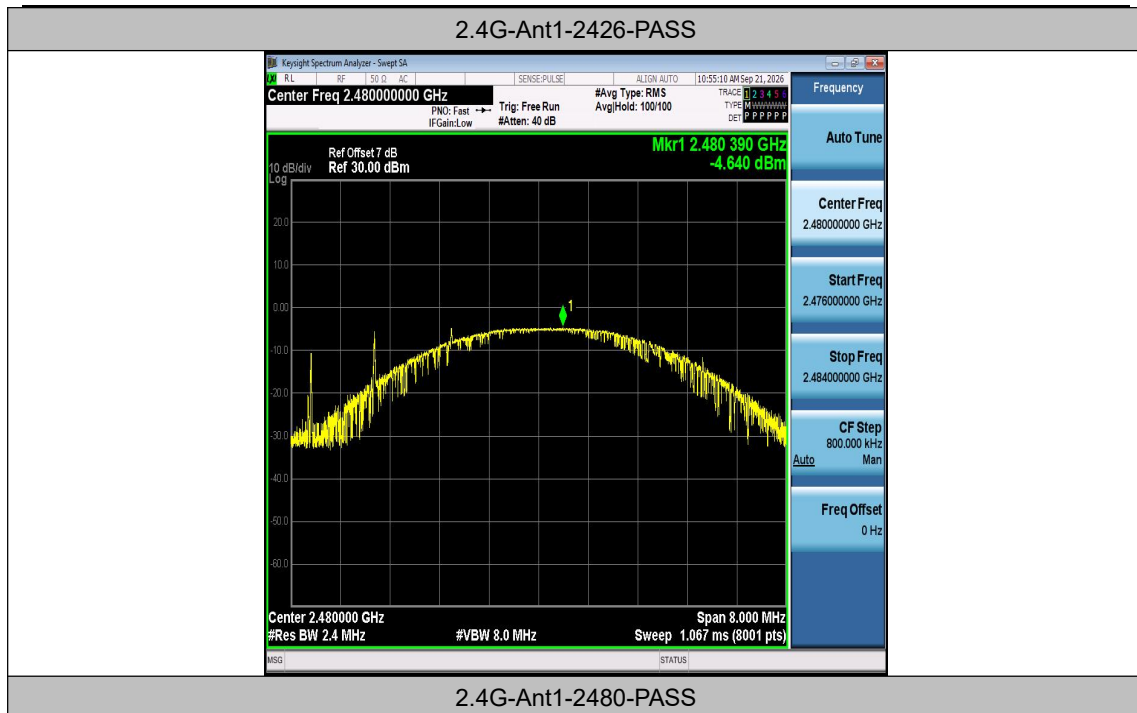
Test Graphs Peak



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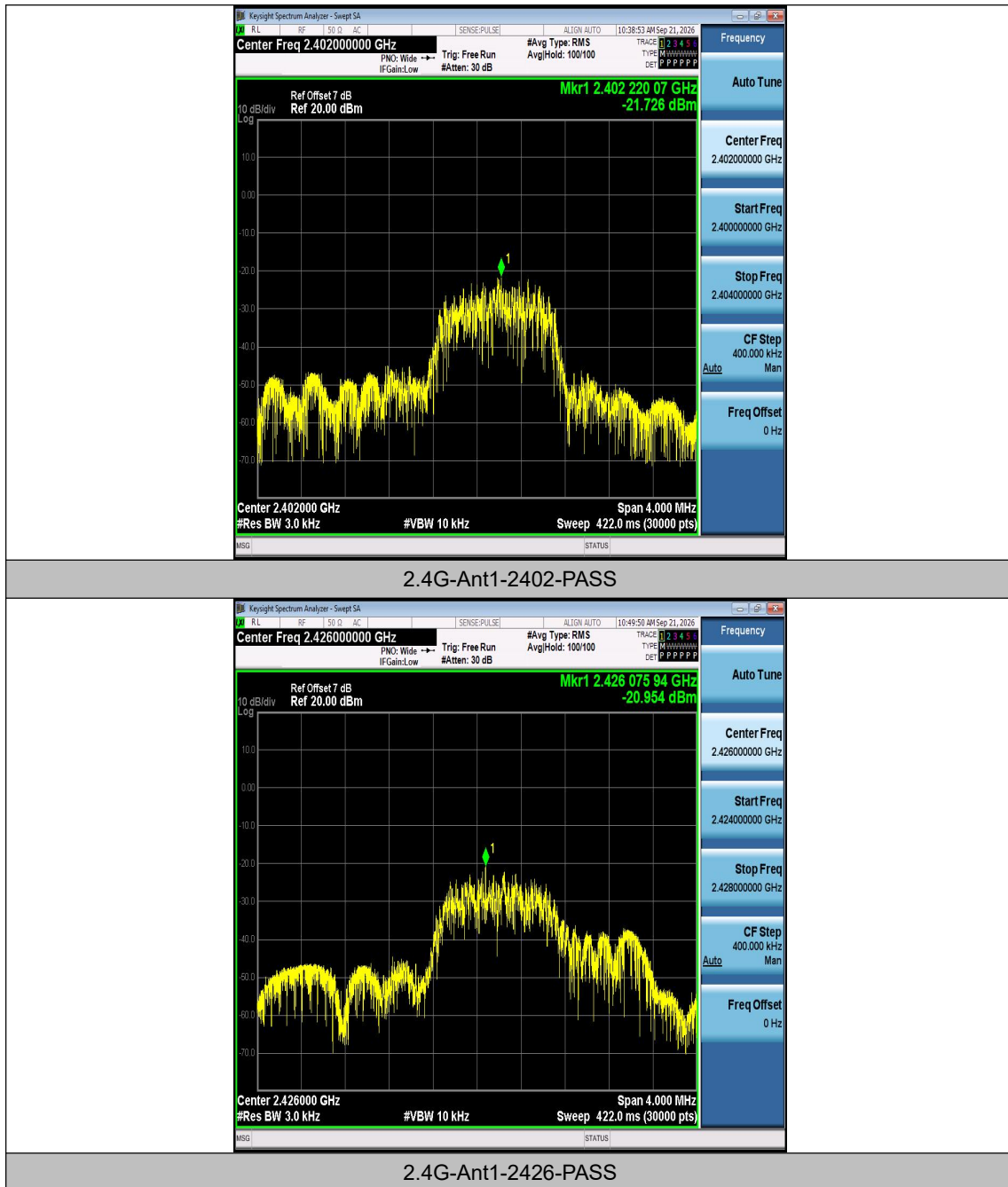
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2402	-21.73	≤8.00	PASS
2.4G	Ant1	2426	-20.95	≤8.00	PASS
2.4G	Ant1	2480	-20.46	≤8.00	PASS

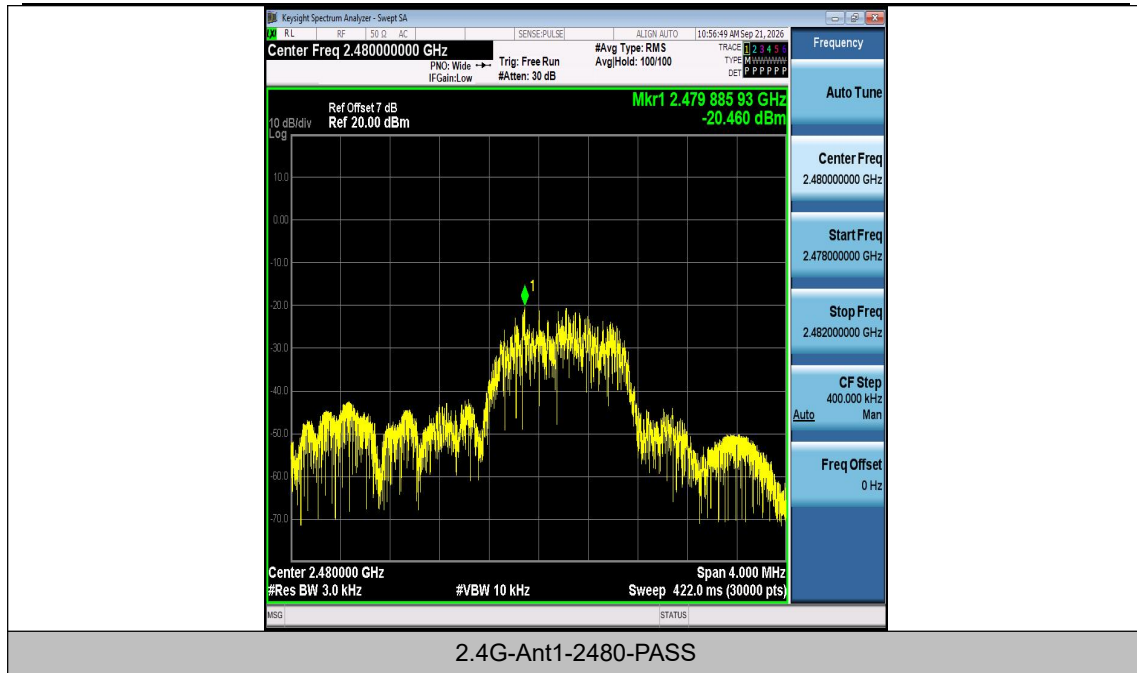
Test Graphs



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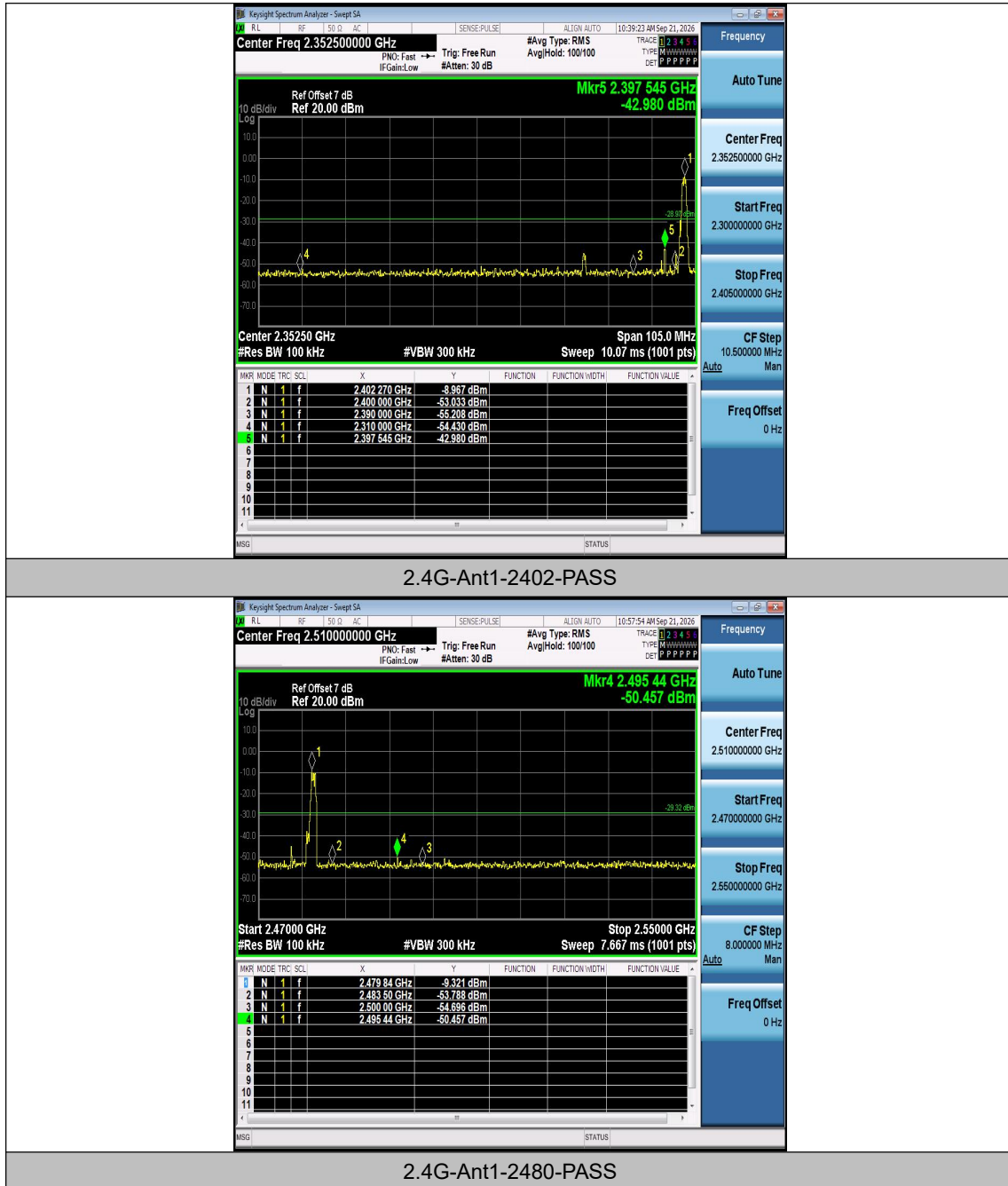
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402	-8.97	-42.98	≤-28.97	PASS
2.4G	Ant1	High	2480	-9.32	-50.46	≤-29.32	PASS

Test Graphs



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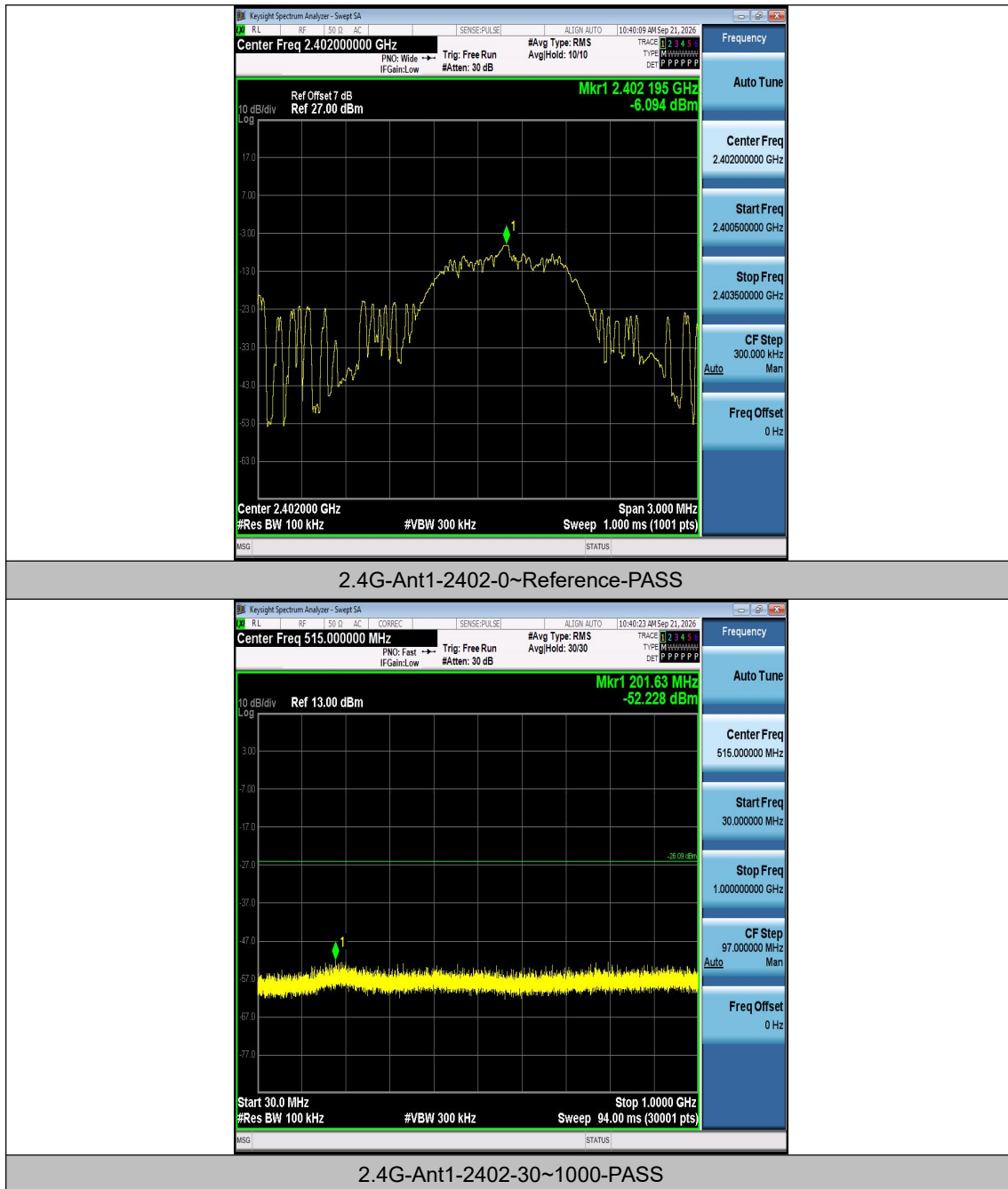
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	0~Reference	-6.09	-6.09	---	PASS
2.4G	Ant1	2402	30~1000	-6.09	-52.23	≤-26.09	PASS
2.4G	Ant1	2402	1000~26500	-6.09	-37.2	≤-26.09	PASS
2.4G	Ant1	2426	0~Reference	-7.16	-7.16	---	PASS
2.4G	Ant1	2426	30~1000	-7.16	-52.83	≤-27.16	PASS
2.4G	Ant1	2426	1000~26500	-7.16	-36.01	≤-27.16	PASS
2.4G	Ant1	2480	0~Reference	-5.60	-5.60	---	PASS
2.4G	Ant1	2480	30~1000	-5.60	-45.39	≤-25.6	PASS
2.4G	Ant1	2480	1000~26500	-5.60	-31.89	≤-25.6	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.

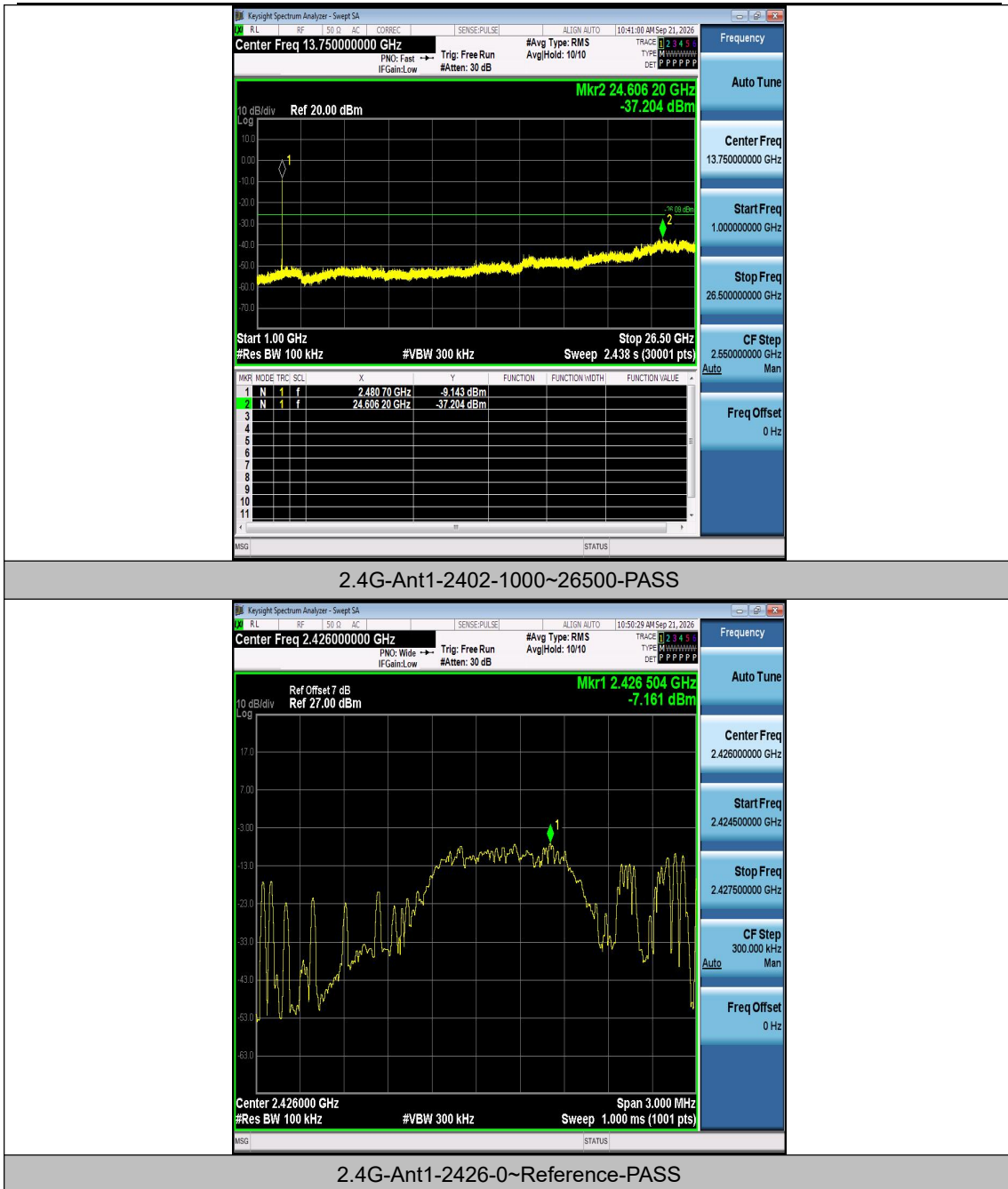
Test Graphs



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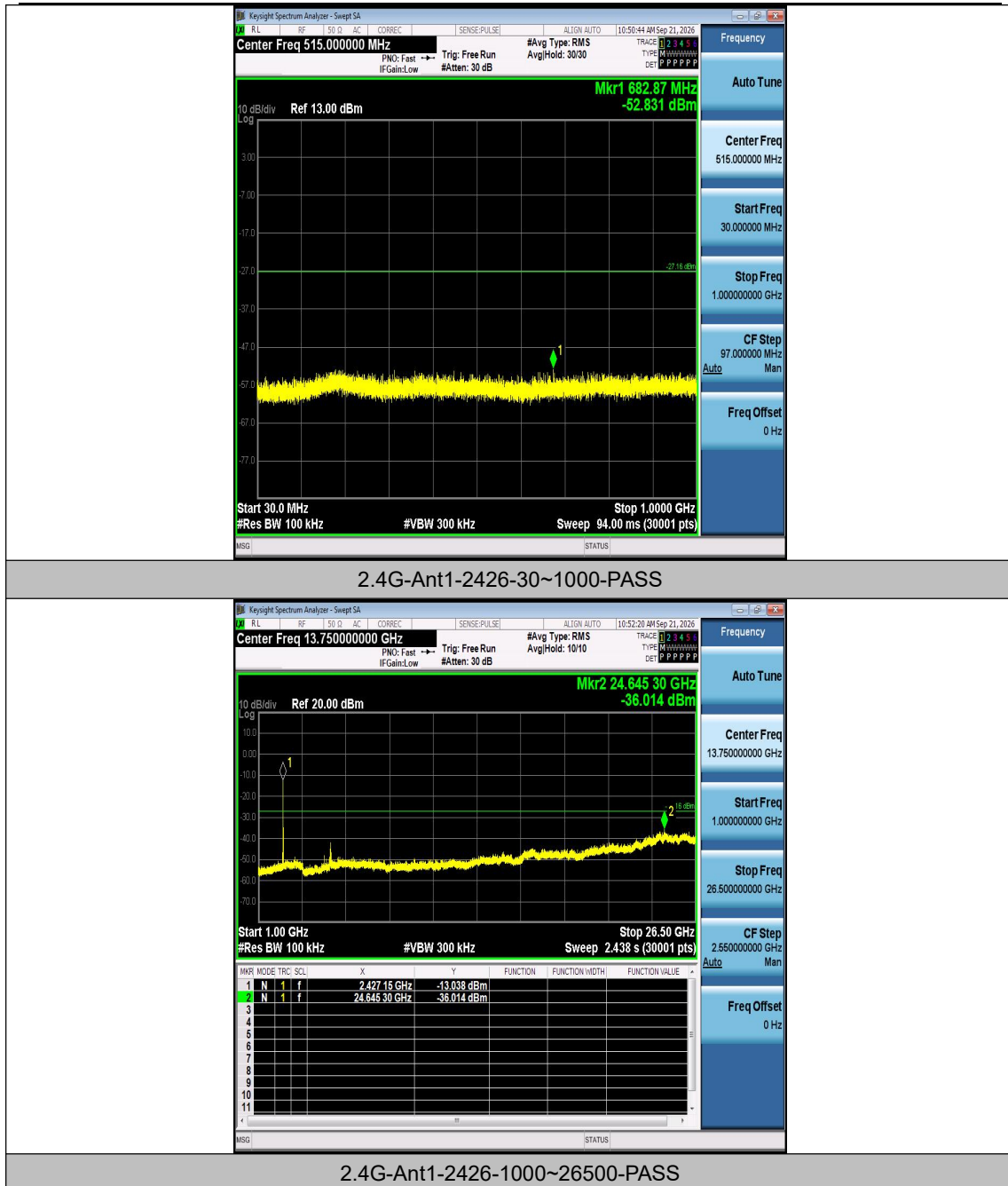
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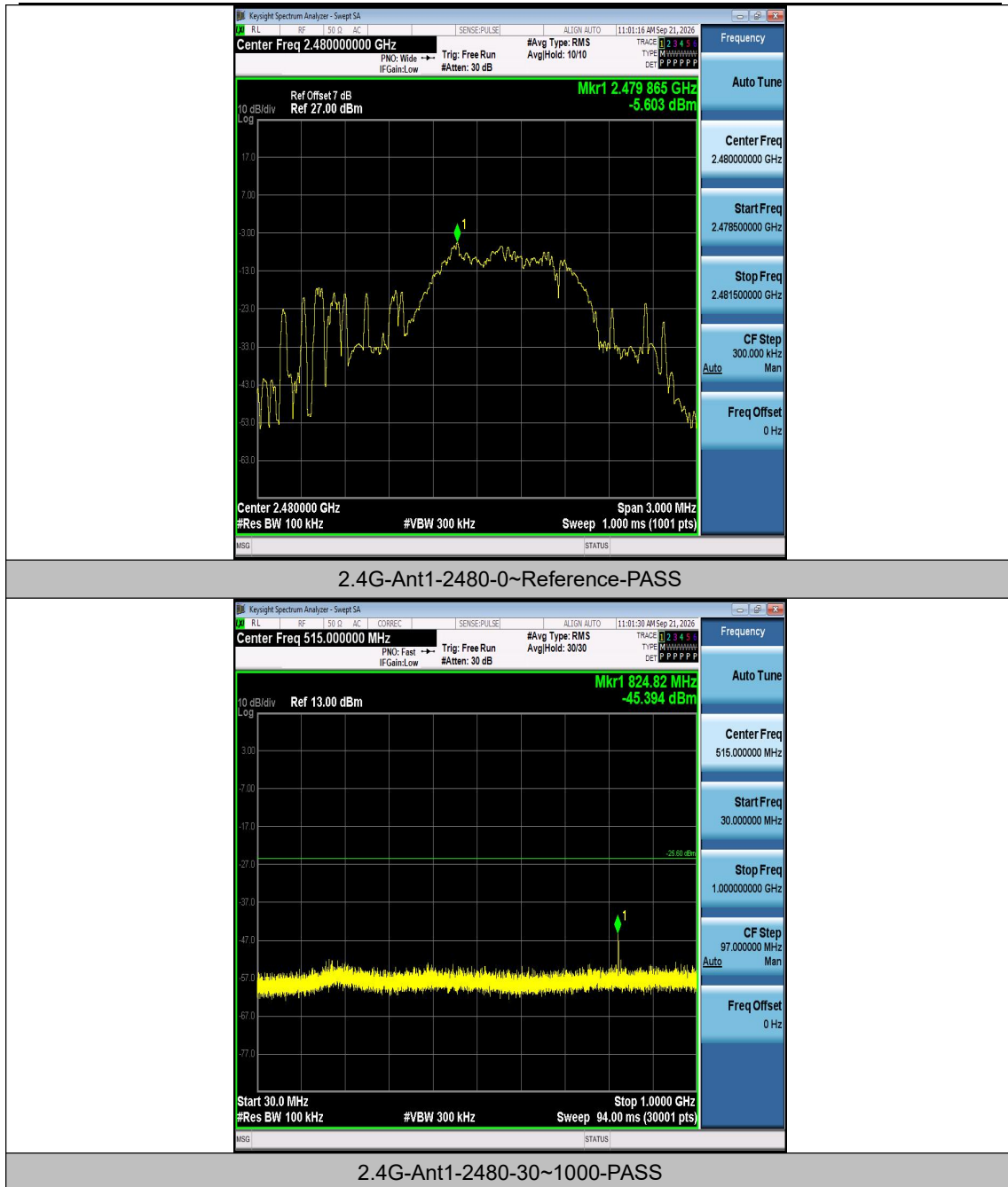
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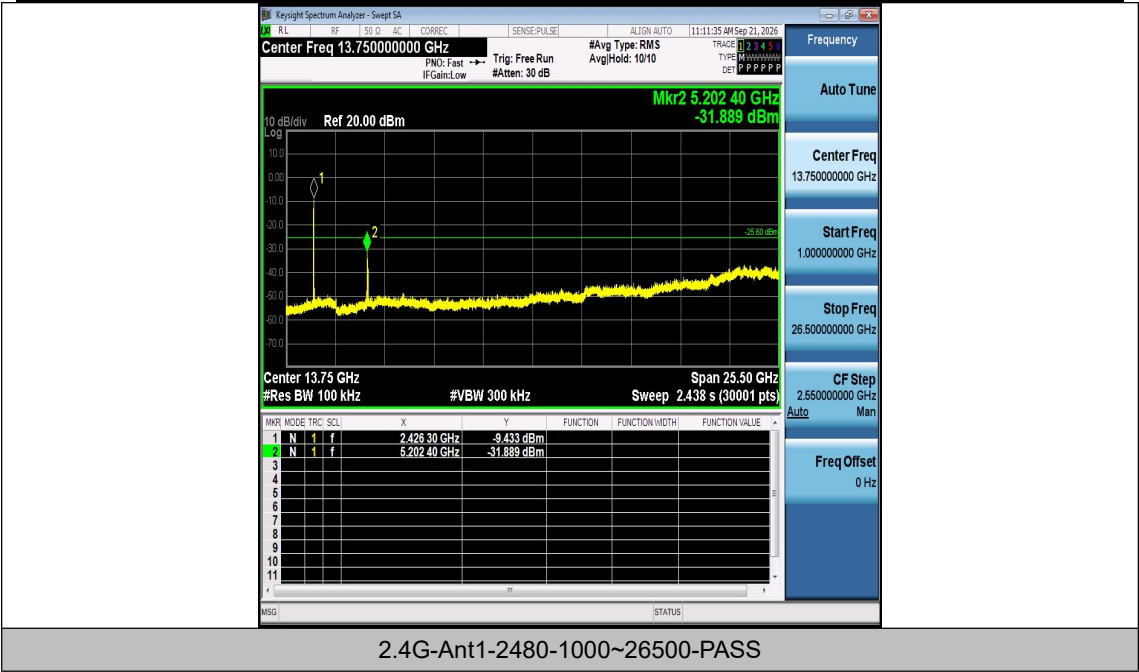
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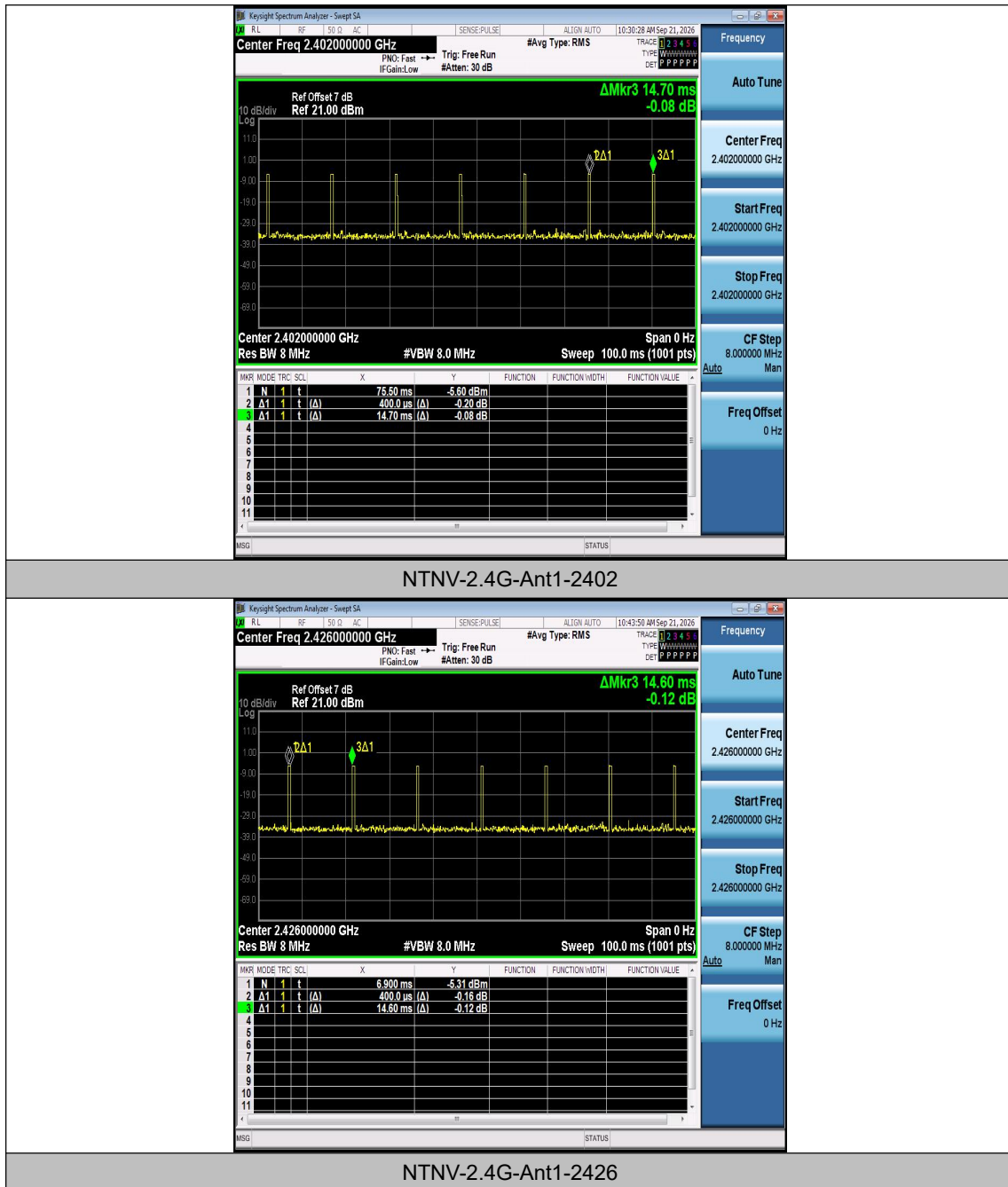
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2402	0.40	14.70	2.72	15.65
2.4G	Ant1	2426	0.40	14.60	2.74	15.62
2.4G	Ant1	2480	0.40	14.70	2.72	15.65

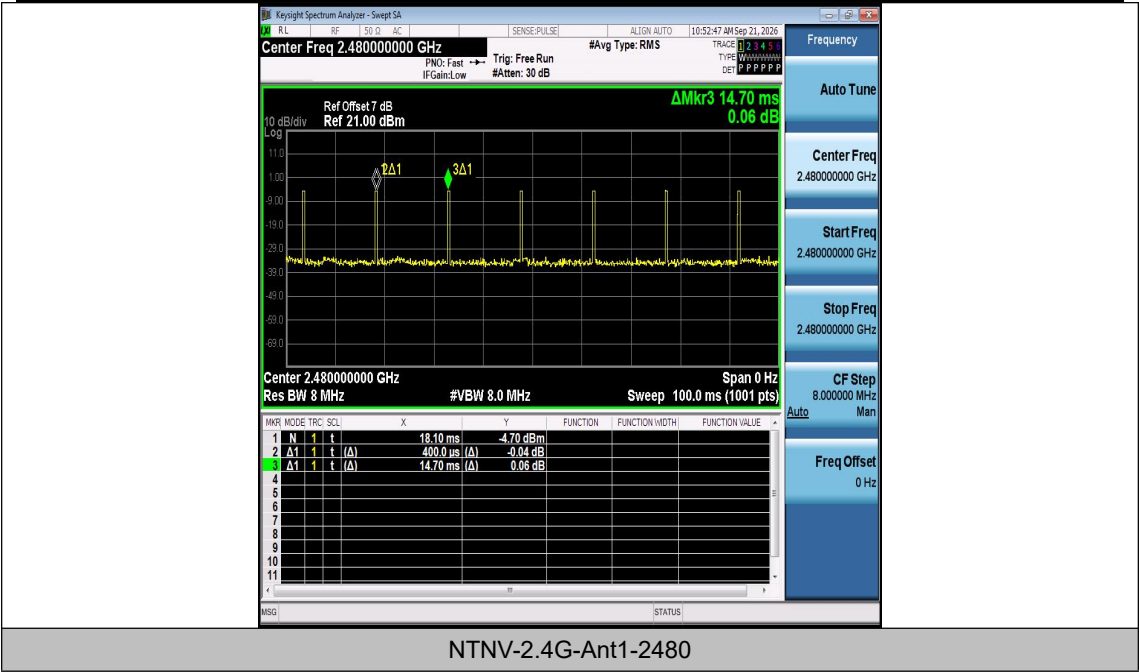
Test Graphs



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---End---