

Appendix Test Data

Report No.:	1813C50298512501	Test Sample No.:	1-2-2
Start Test Date:	2025-7-1	Finish Test Date:	2025-7-8
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	27.0°C	Relative Humidity:	47%
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	2440	0.58	2439.54	2440.12	0.5	PASS

Test Graphs

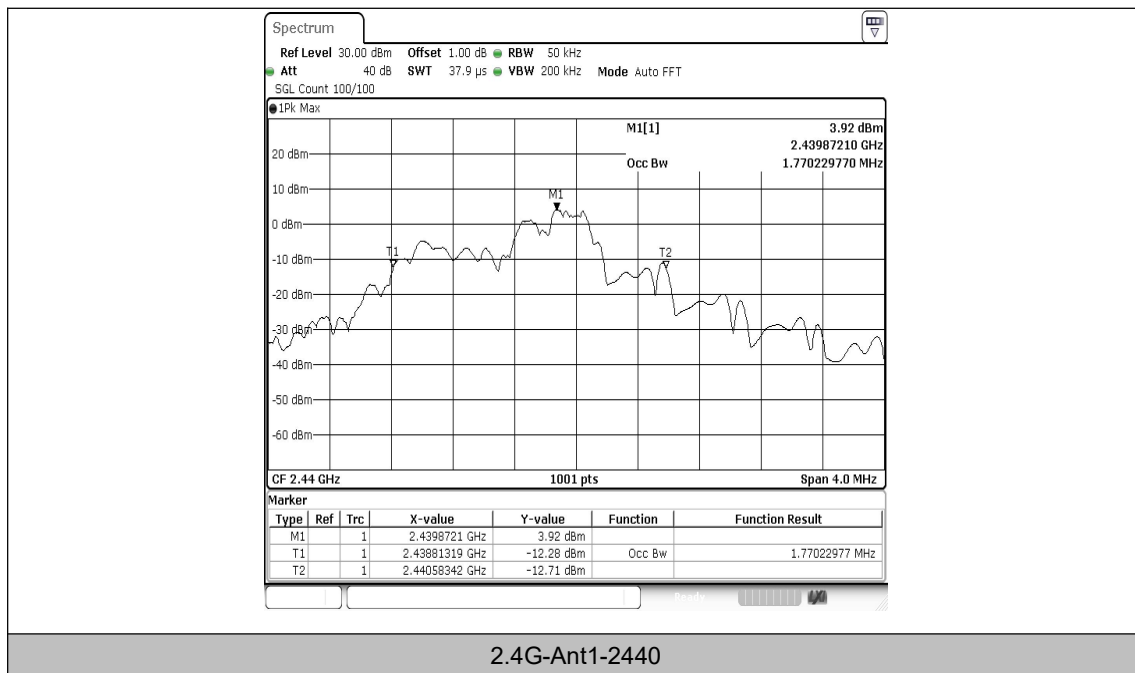


Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2440	1.7702	2438.8132	2440.5834	---	---

Test Graphs

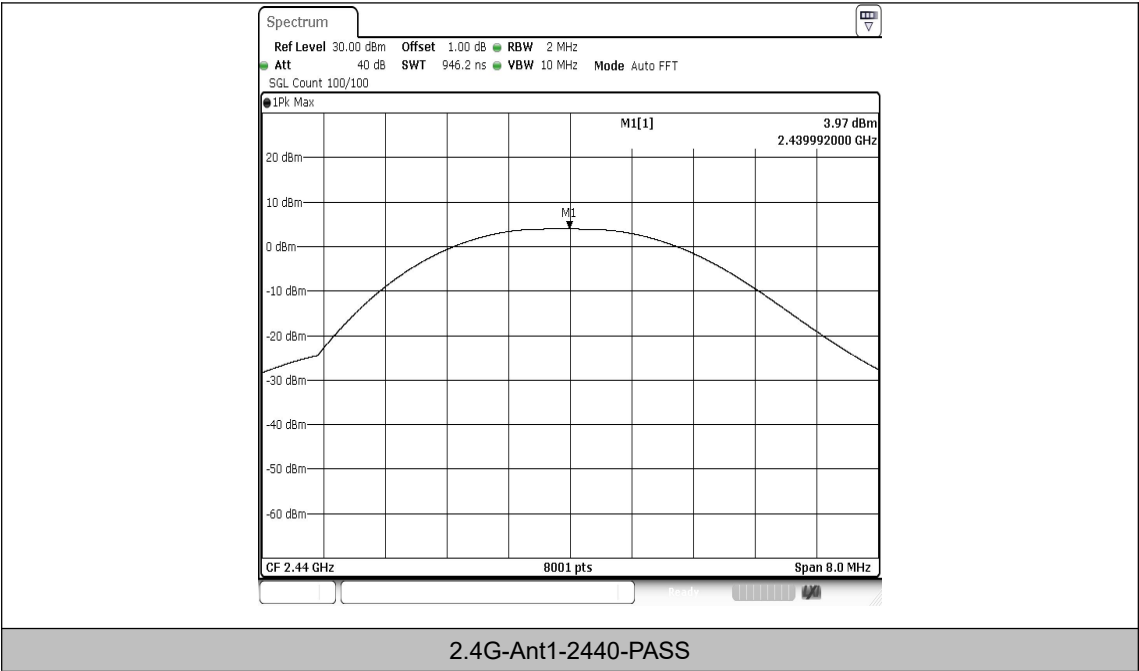


Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2440	3.97	≤30	PASS

Test Graphs Peak

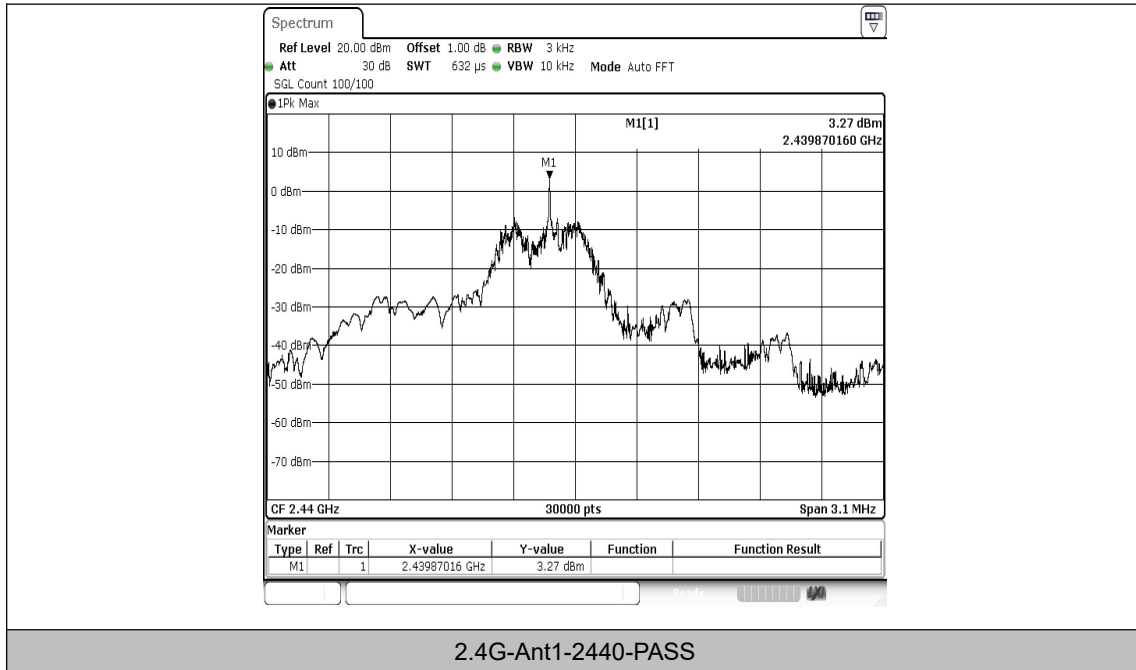


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2440	3.27	≤8.00	PASS

Test Graphs



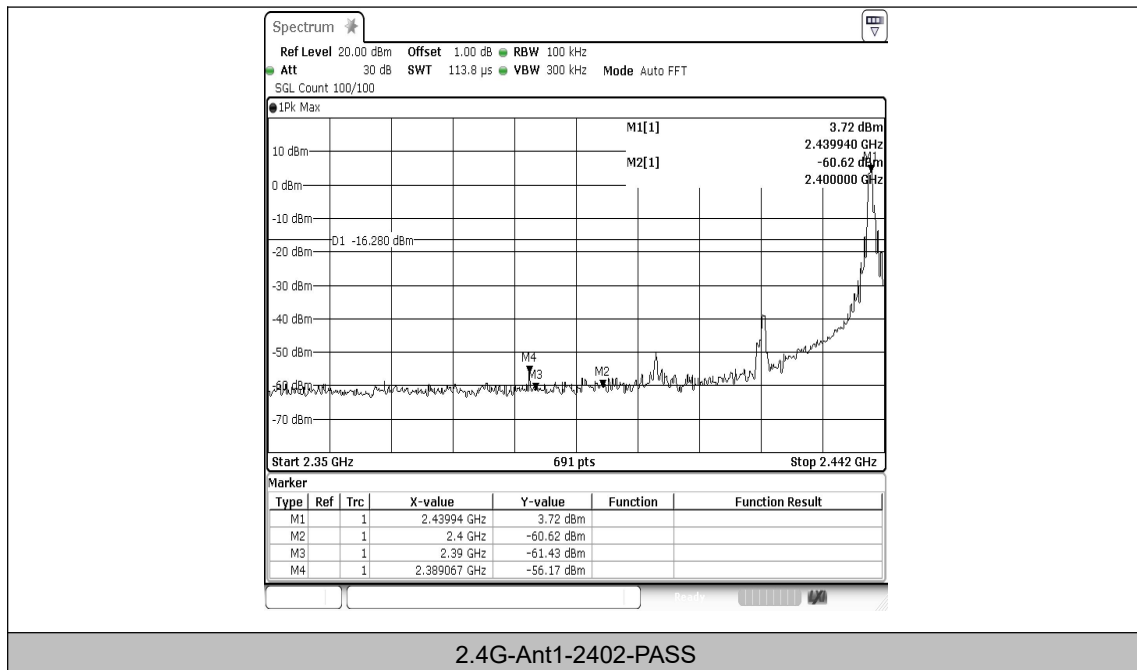
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2440	3.72	-56.17	≤-16.28	PASS
2.4G	Ant1	High	2440	3.87	-47.33	≤-16.13	PASS

Remark:1. 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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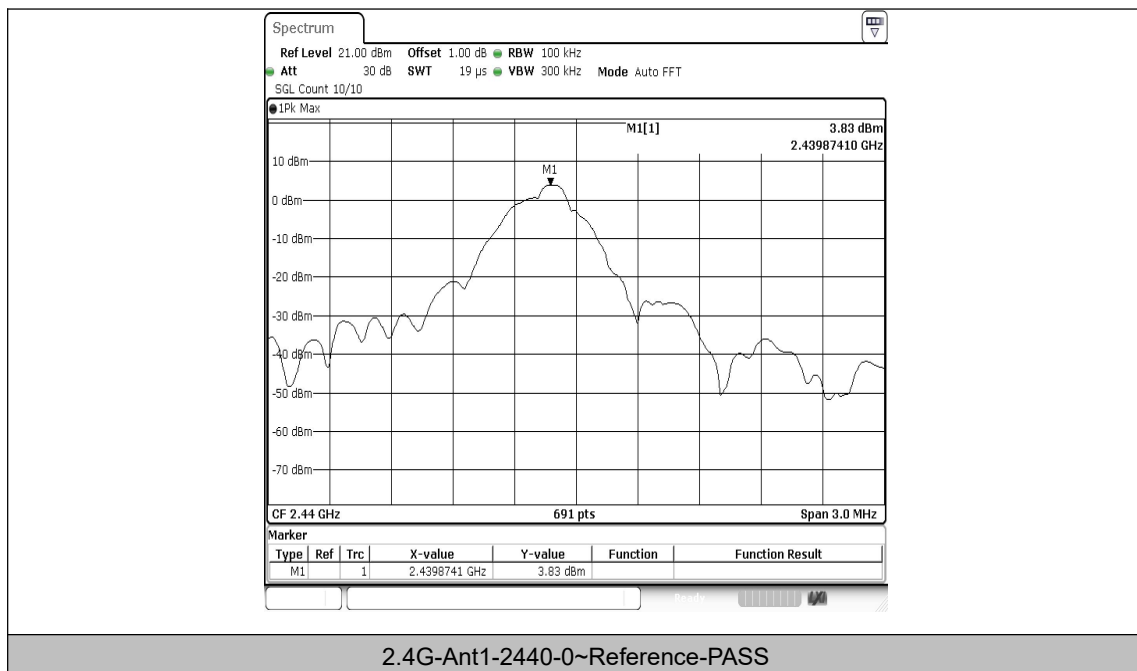
Appendix F: Conducted Spurious Emission

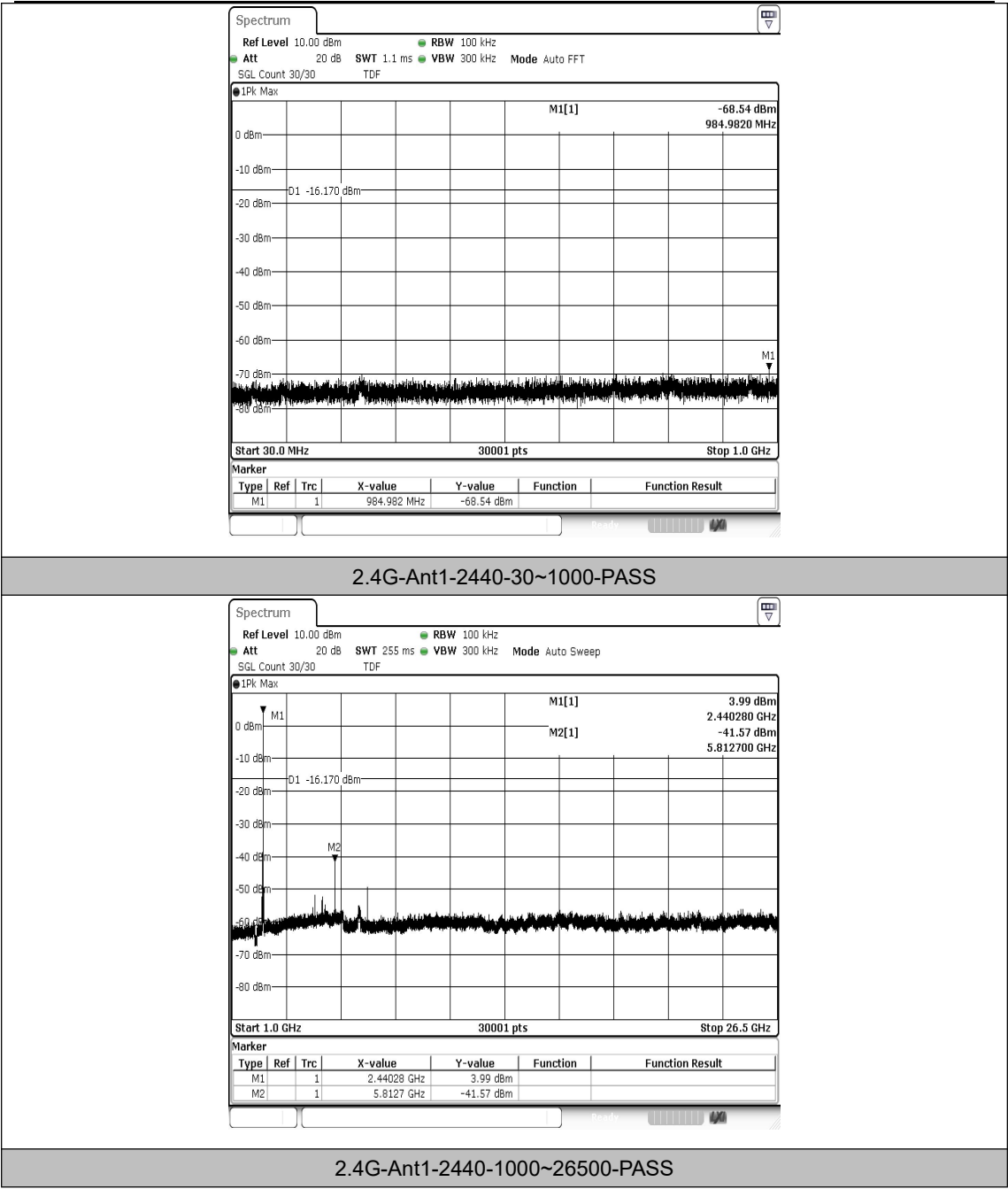
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2440	0~Reference	3.83	3.83	---	PASS
2.4G	Ant1	2440	30~1000	3.83	-68.54	≤-16.17	PASS
2.4G	Ant1	2440	1000~26500	3.83	-41.57	≤-16.17	PASS

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

Test Graphs





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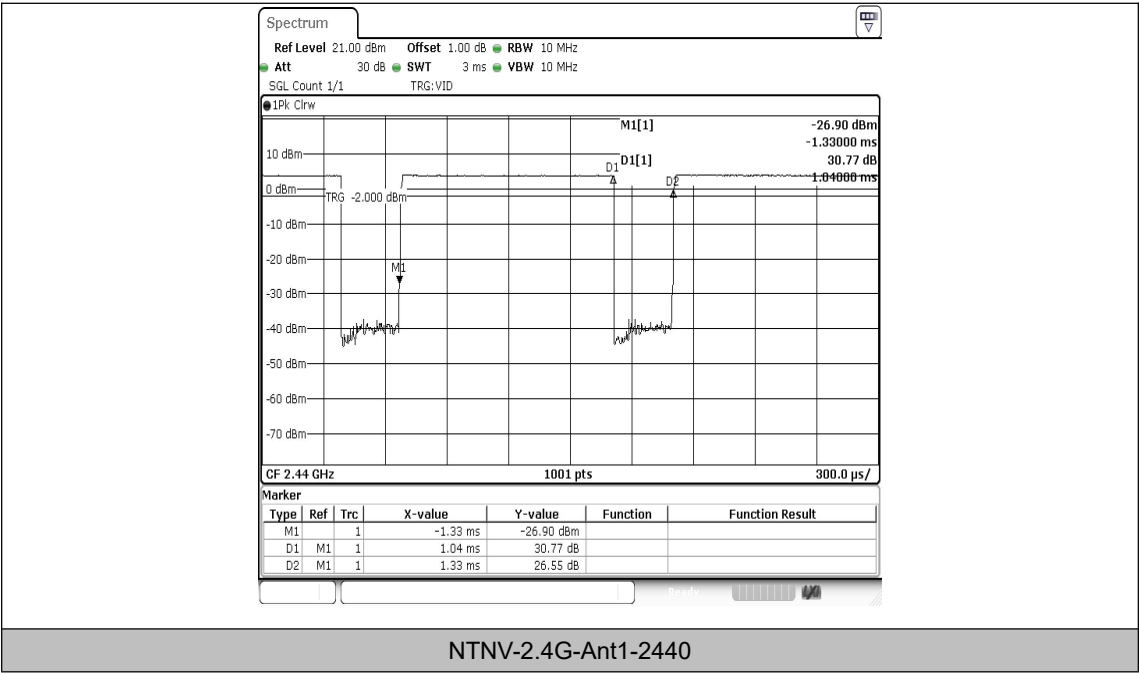
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2440	1.04	1.33	78.20	1.07

Test Graphs



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