

Appendix: 2.4G

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Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
2.4G	Ant1	2402	1.43	2401.26	2402.69	0.5	PASS
2.4G	Ant1	2458	1.28	2457.36	2458.64	0.5	PASS
2.4G	Ant1	2480	1.30	2479.30	2480.60	0.5	PASS

Test Graphs





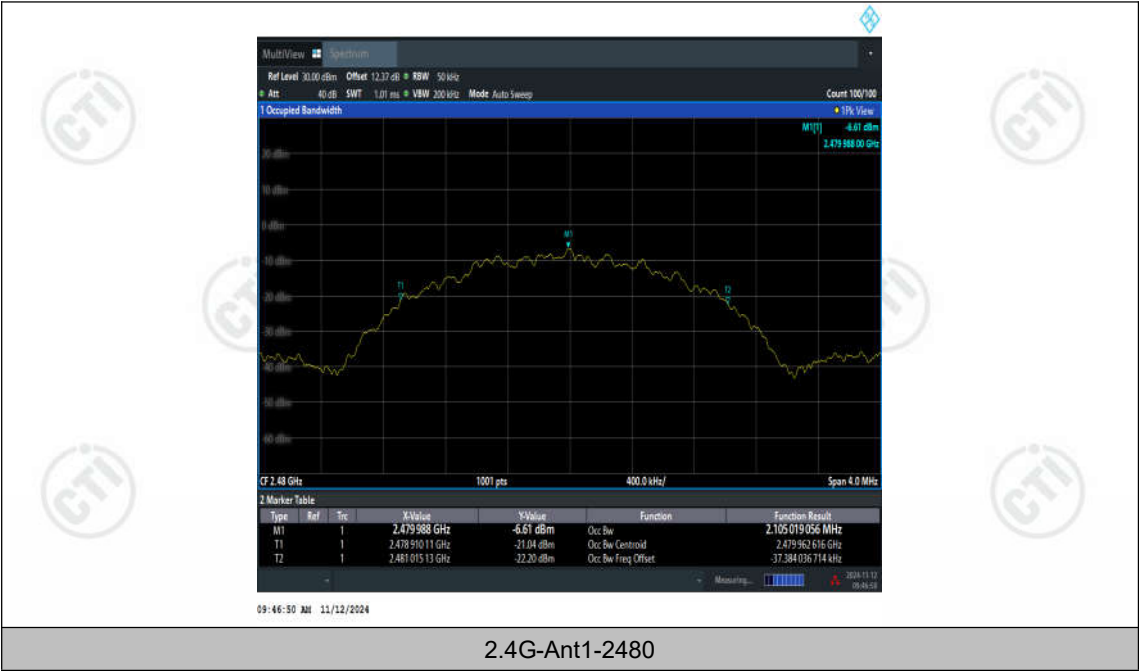
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	2.098	2400.9270	2403.0246	---	---
2.4G	Ant1	2458	2.100	2456.9143	2459.0145	---	---
2.4G	Ant1	2480	2.105	2478.9101	2481.0151	---	---

Test Graphs



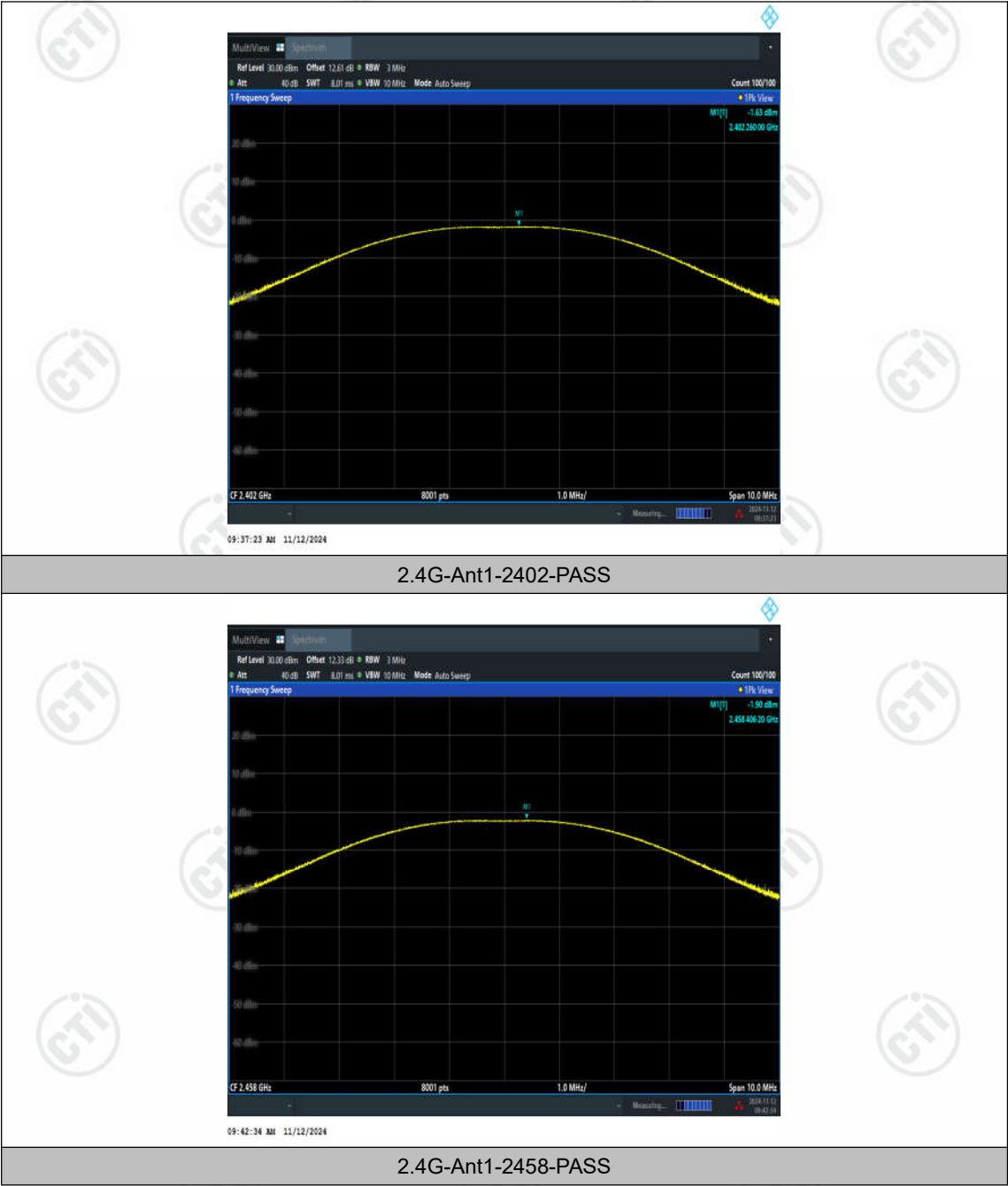


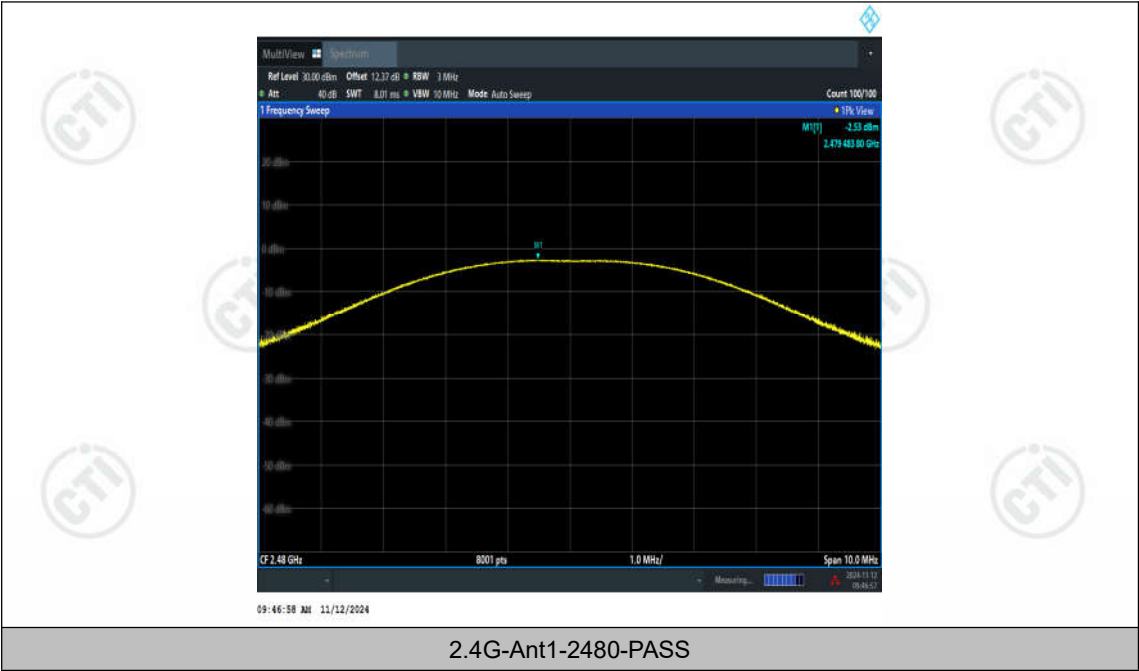
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
2.4G	Ant1	2402	-1.63	≤30	PASS
2.4G	Ant1	2458	-1.90	≤30	PASS
2.4G	Ant1	2480	-2.53	≤30	PASS

Test Graphs Peak



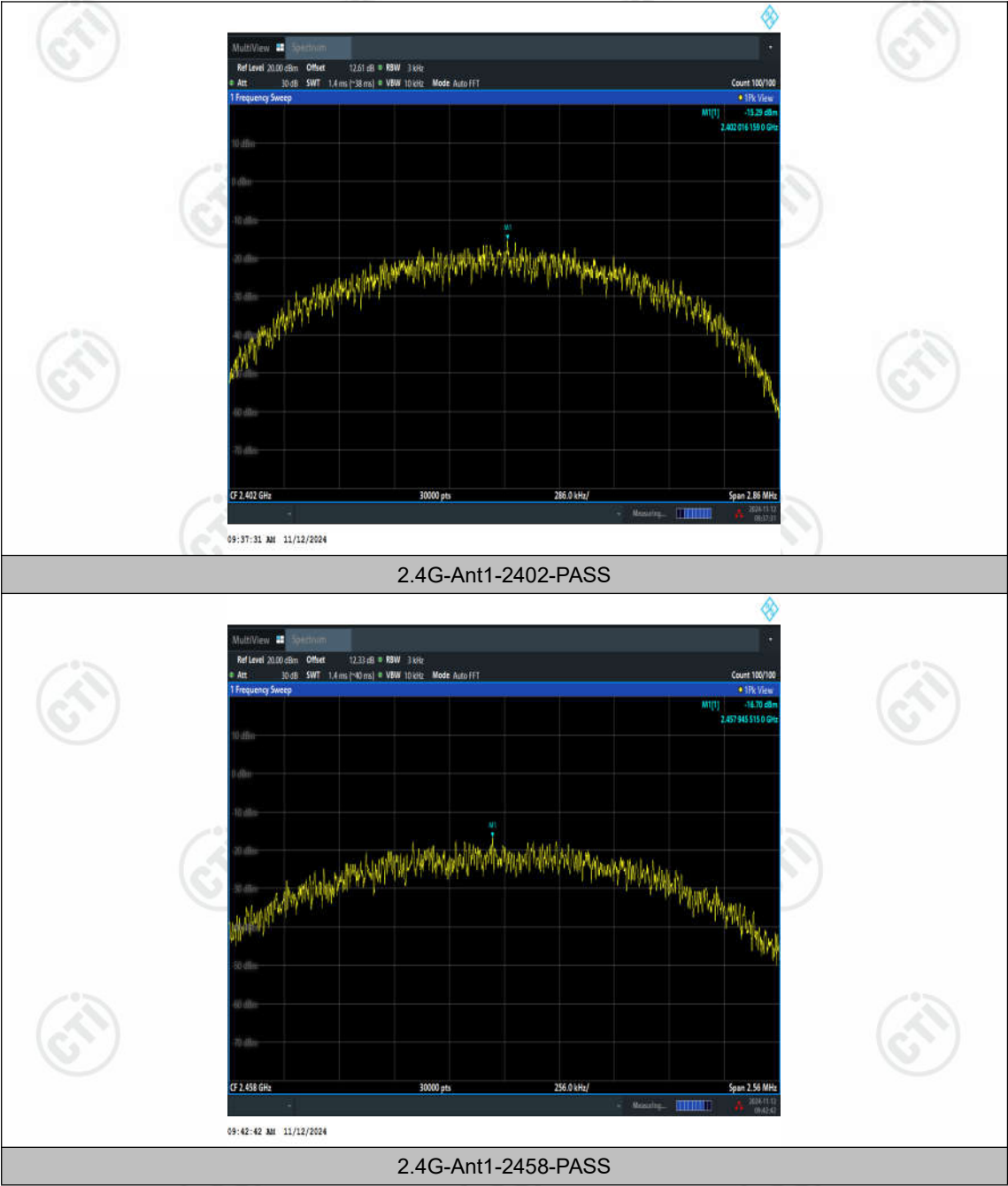


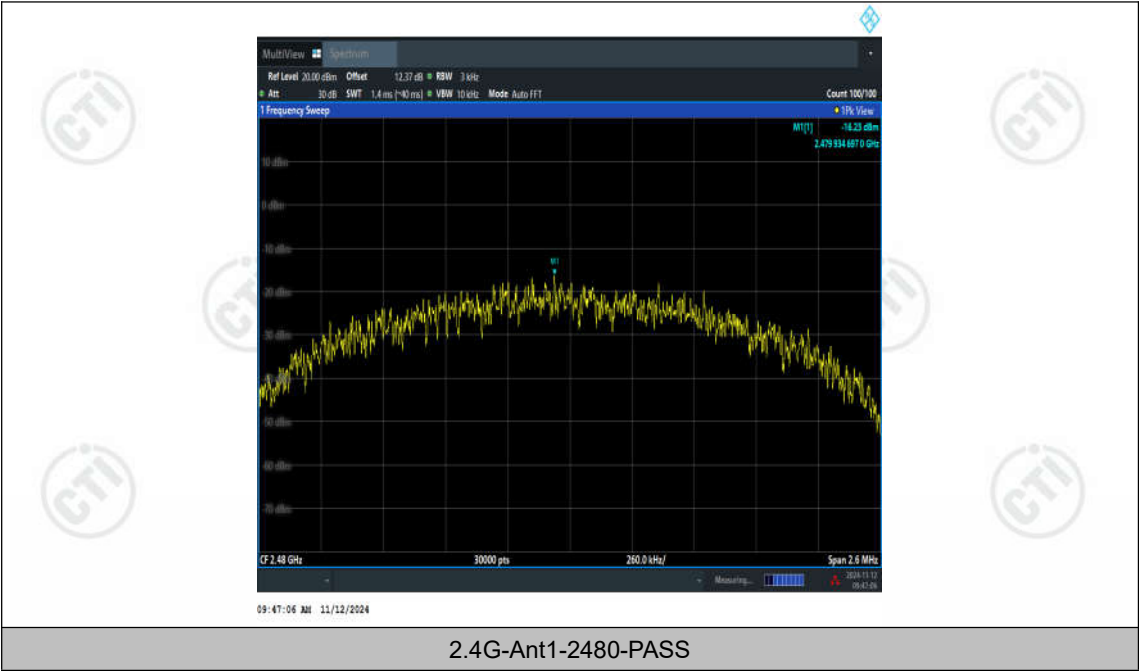
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
2.4G	Ant1	2402	-15.29	≤8.00	PASS
2.4G	Ant1	2458	-16.70	≤8.00	PASS
2.4G	Ant1	2480	-16.23	≤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	2402	-1.81	-32.06	≤-21.81	PASS
2.4G	Ant1	High	2480	-2.38	-47.8	≤-22.38	PASS

Note:Limit[dBm]=RefLevel[dBm]-20;

Test Graphs



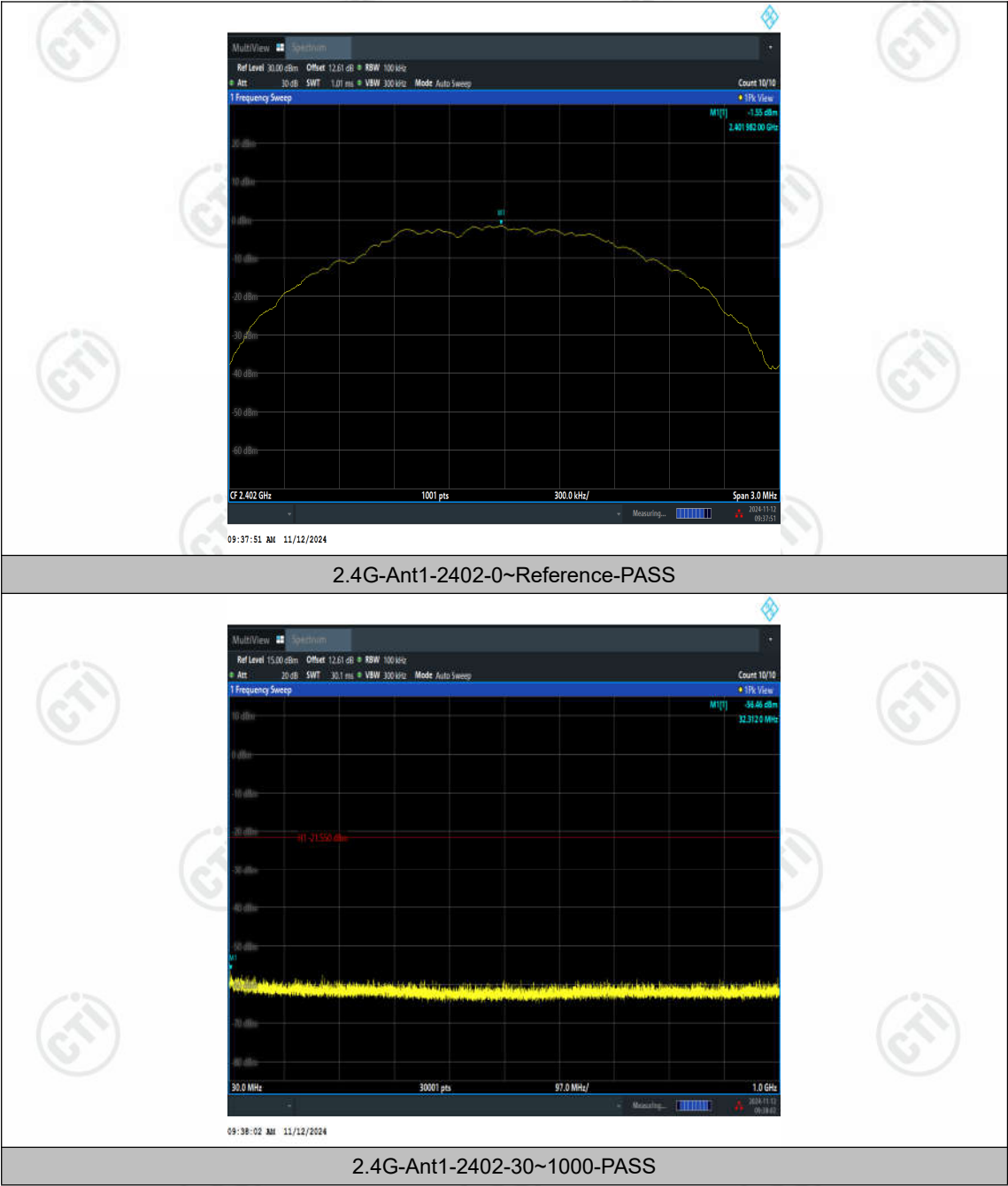
Appendix F: Conducted Spurious Emission

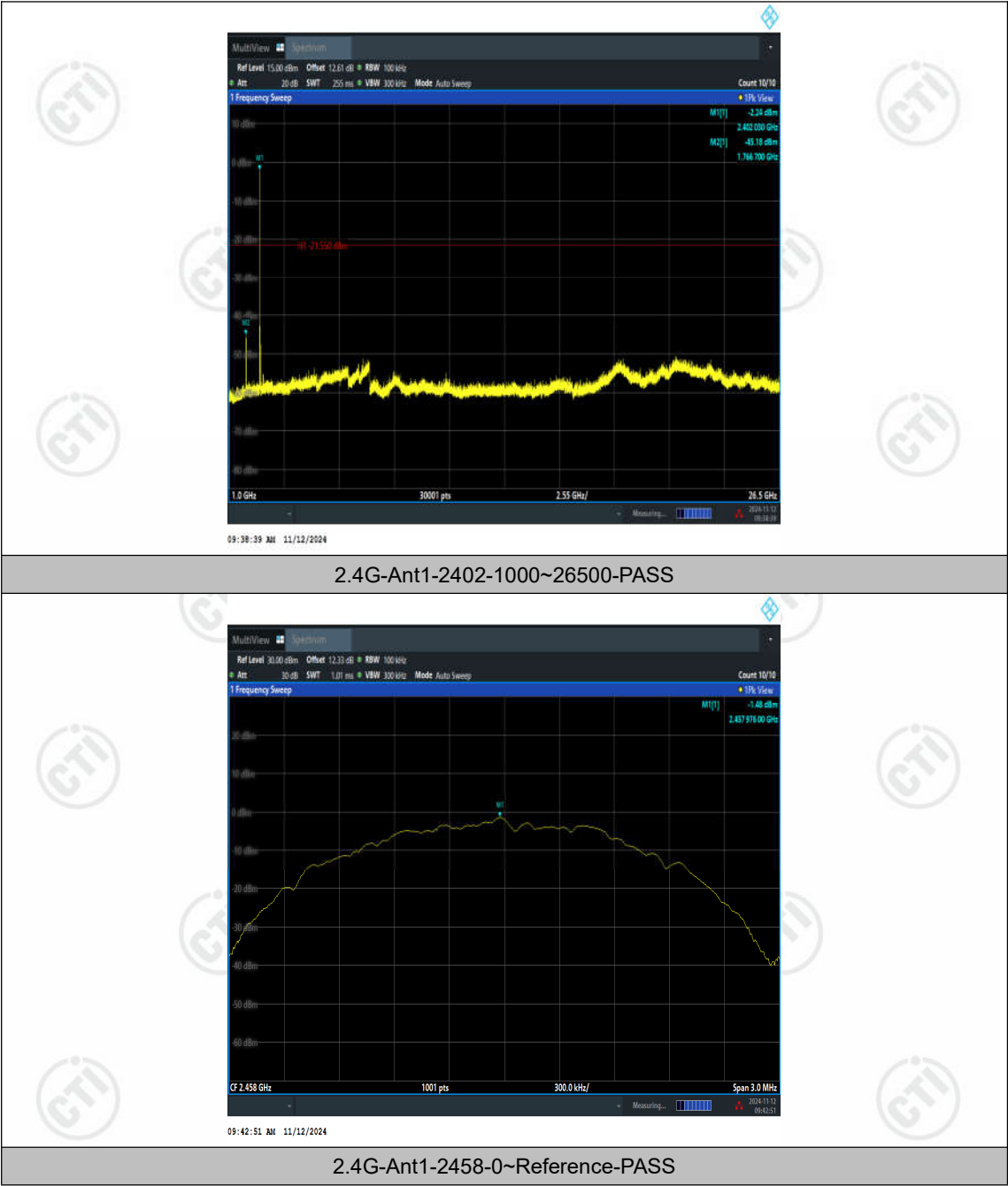
Test Result

Test Mode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	0~Reference	-1.55	-1.55	---	PASS
2.4G	Ant1	2402	30~1000	-1.55	-56.46	≤-21.55	PASS
2.4G	Ant1	2402	1000~26500	-1.55	-45.18	≤-21.55	PASS
2.4G	Ant1	2458	0~Reference	-1.48	-1.48	---	PASS
2.4G	Ant1	2458	30~1000	-1.48	-57.38	≤-21.48	PASS
2.4G	Ant1	2458	1000~26500	-1.48	-38.18	≤-21.48	PASS
2.4G	Ant1	2480	0~Reference	-2.38	-2.38	---	PASS
2.4G	Ant1	2480	30~1000	-2.38	-56.56	≤-22.38	PASS
2.4G	Ant1	2480	1000~26500	-2.38	-43.94	≤-22.38	PASS

Note:Limit[dBm]=RefLevel[dBm]-20;

Test Graphs



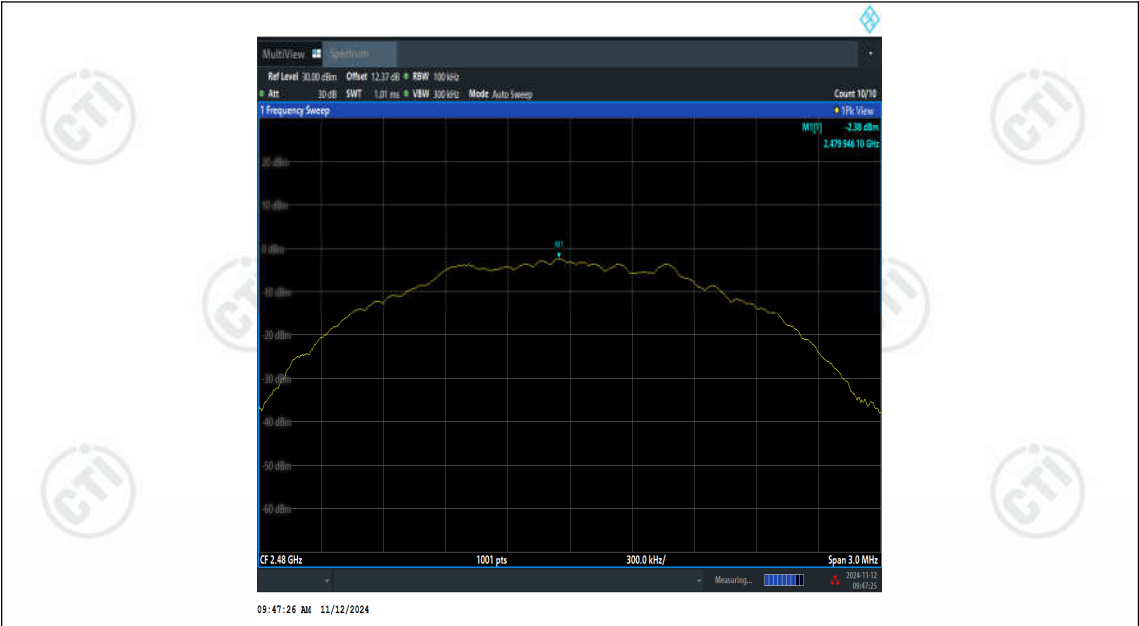




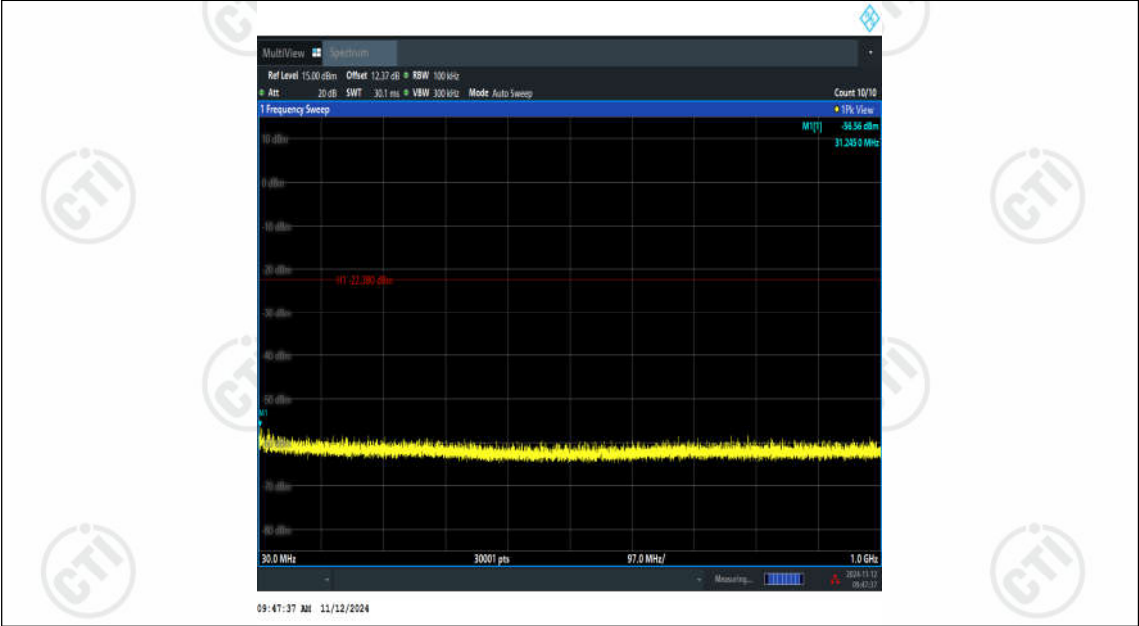
2.4G-Ant1-2458-30~1000-PASS



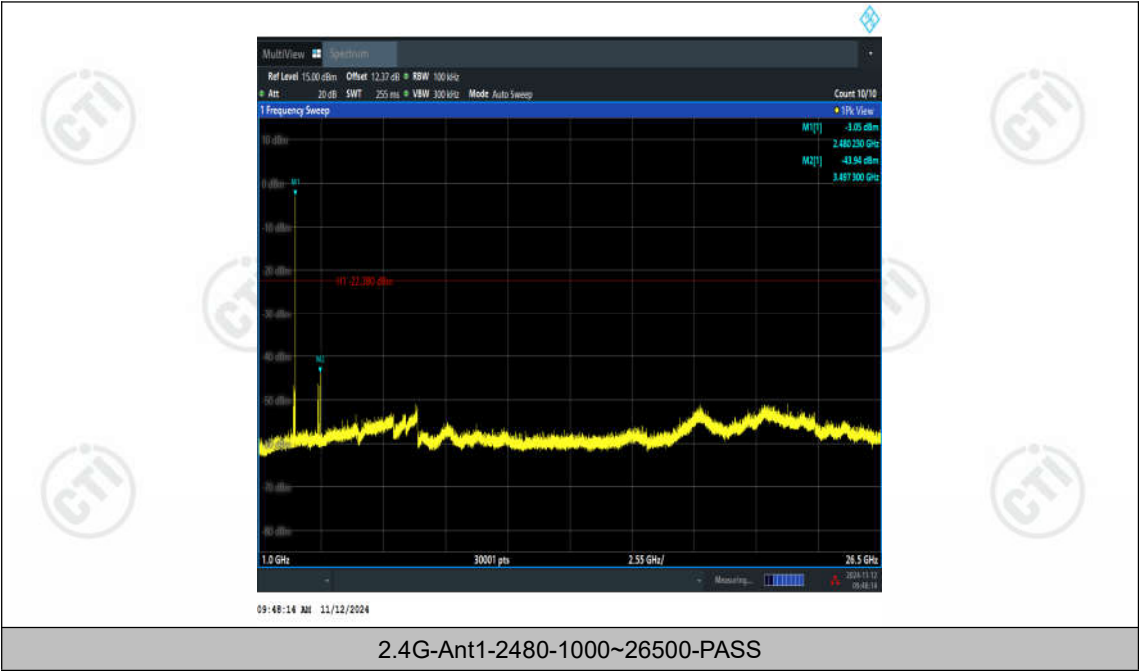
2.4G-Ant1-2458-1000~26500-PASS



2.4G-Ant1-2480-0~Reference-PASS



2.4G-Ant1-2480-30~1000-PASS



Appendix G: Duty Cycle

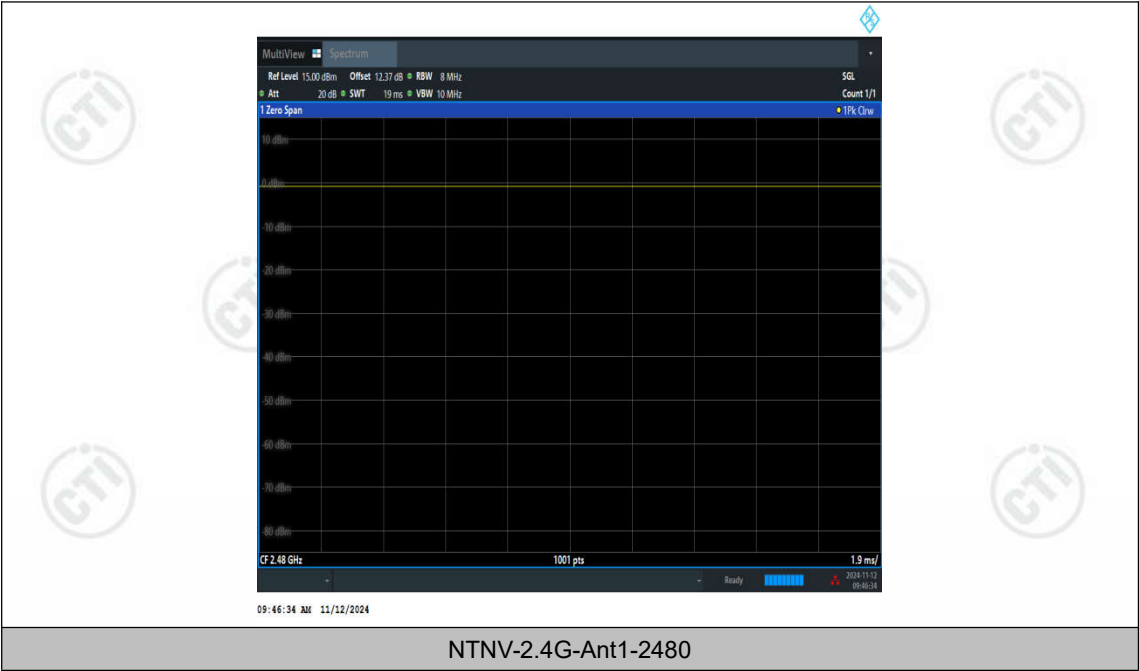
Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
2.4G	Ant1	2402	0.00	0.00	100	0
2.4G	Ant1	2458	0.00	0.00	100	0
2.4G	Ant1	2480	0.00	0.00	100	0

Note:Duty Cycle Factor[dB]=-10*Ig(Duty Cycle);

Test Graphs





END OF REPORT