

Appendix: 2.4G

Contents

Appendix A: DTS Bandwidth3

 Test Result 3

 Test Graphs 4

Appendix B: Occupied Channel Bandwidth.....6

 Test Result 6

 Test Graphs 7

Appendix C: Maximum conducted output power9

 Test Result Peak 9

 Test Graphs Peak 10

Appendix D: Maximum power spectral density12

 Test Result 12

 Test Graphs 13

Appendix E: Band edge measurements15

 Test Result 15

 Test Graphs 16

Appendix F: Conducted Spurious Emission17

 Test Result 17

 Test Graphs 18

Appendix G: Duty Cycle.....23

 Test Result 23

 Test Graphs 24

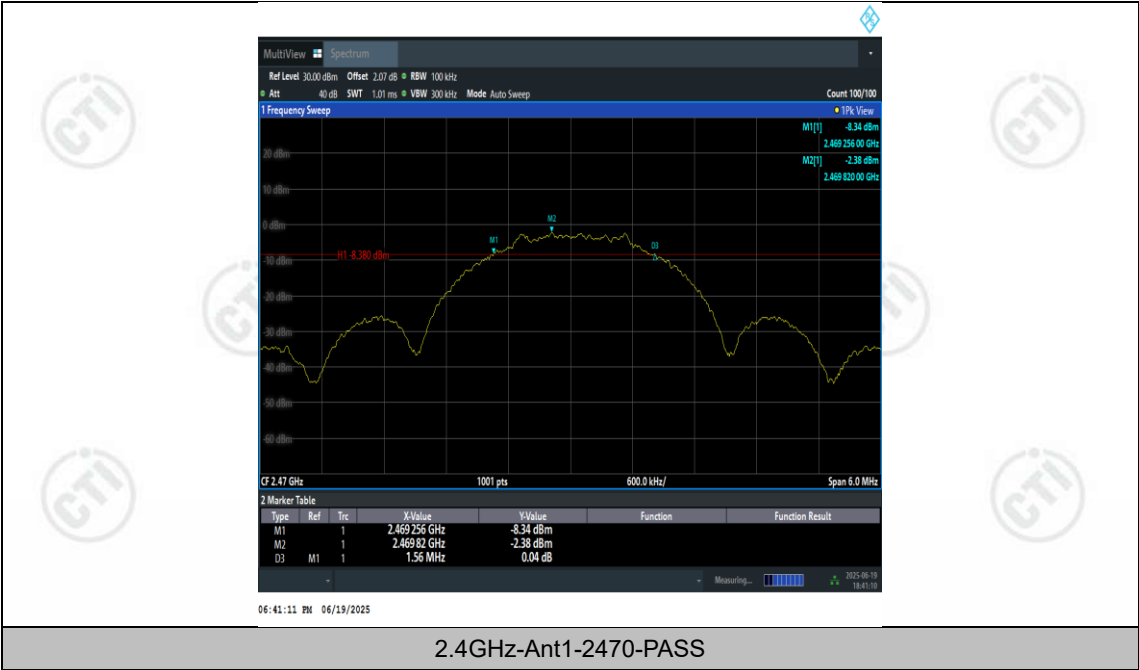
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4GHz	Ant1	2405	1.43	2404.30	2405.73	0.5	PASS
2.4GHz	Ant1	2450	1.42	2449.31	2450.73	0.5	PASS
2.4GHz	Ant1	2470	1.56	2469.26	2470.82	0.5	PASS

Test Graphs



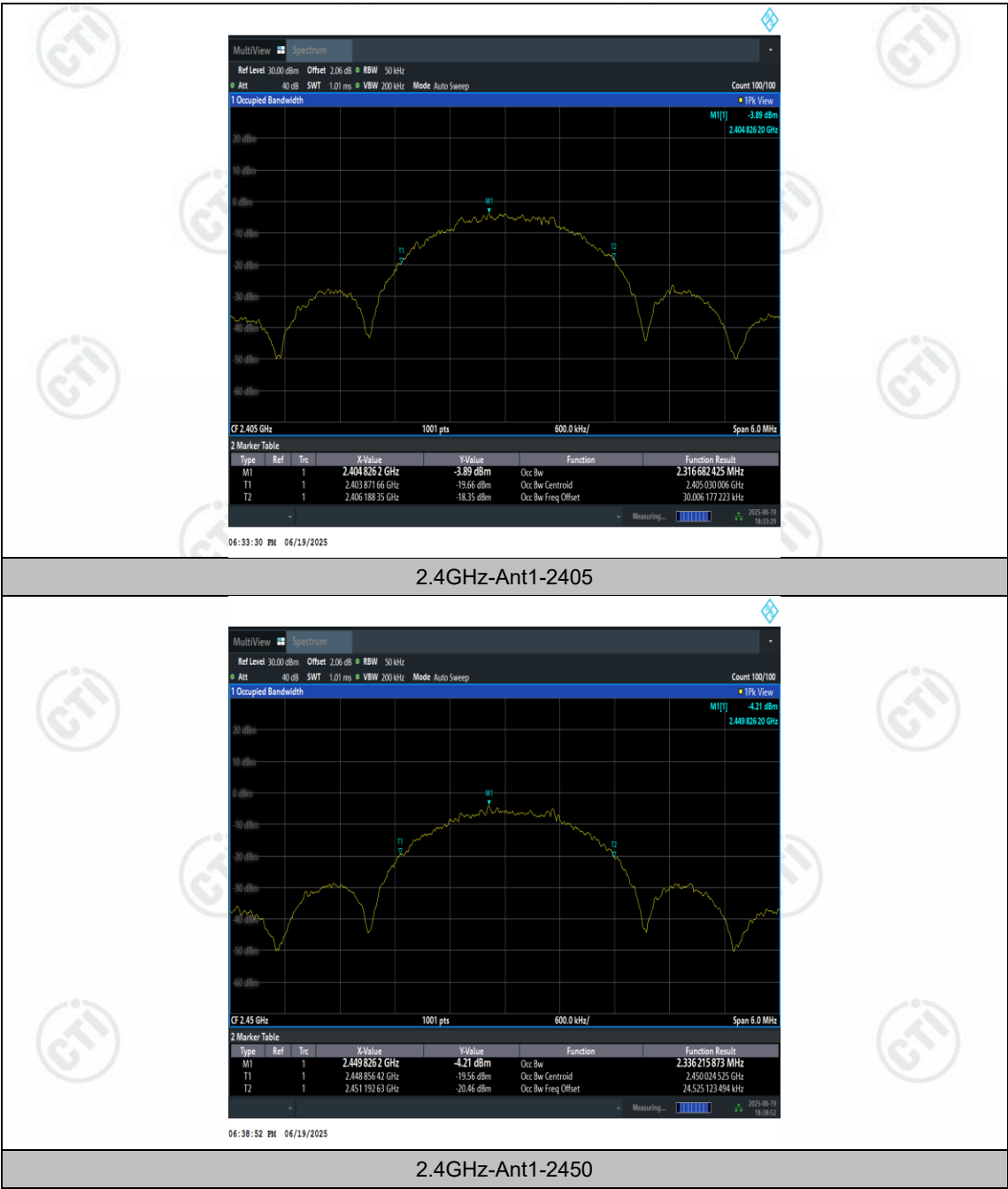


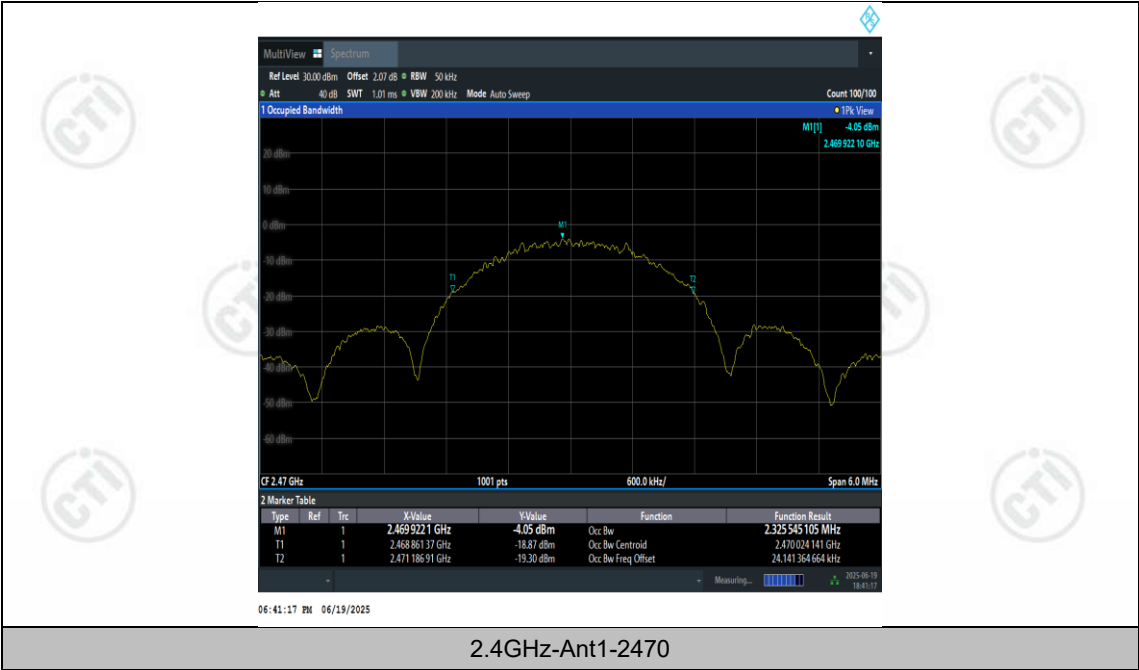
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
2.4GHz	Ant1	2405	2.3167	2403.8717	2406.1883	---	---
2.4GHz	Ant1	2450	2.3362	2448.8564	2451.1926	---	---
2.4GHz	Ant1	2470	2.3255	2468.8614	2471.1869	---	---

Test Graphs



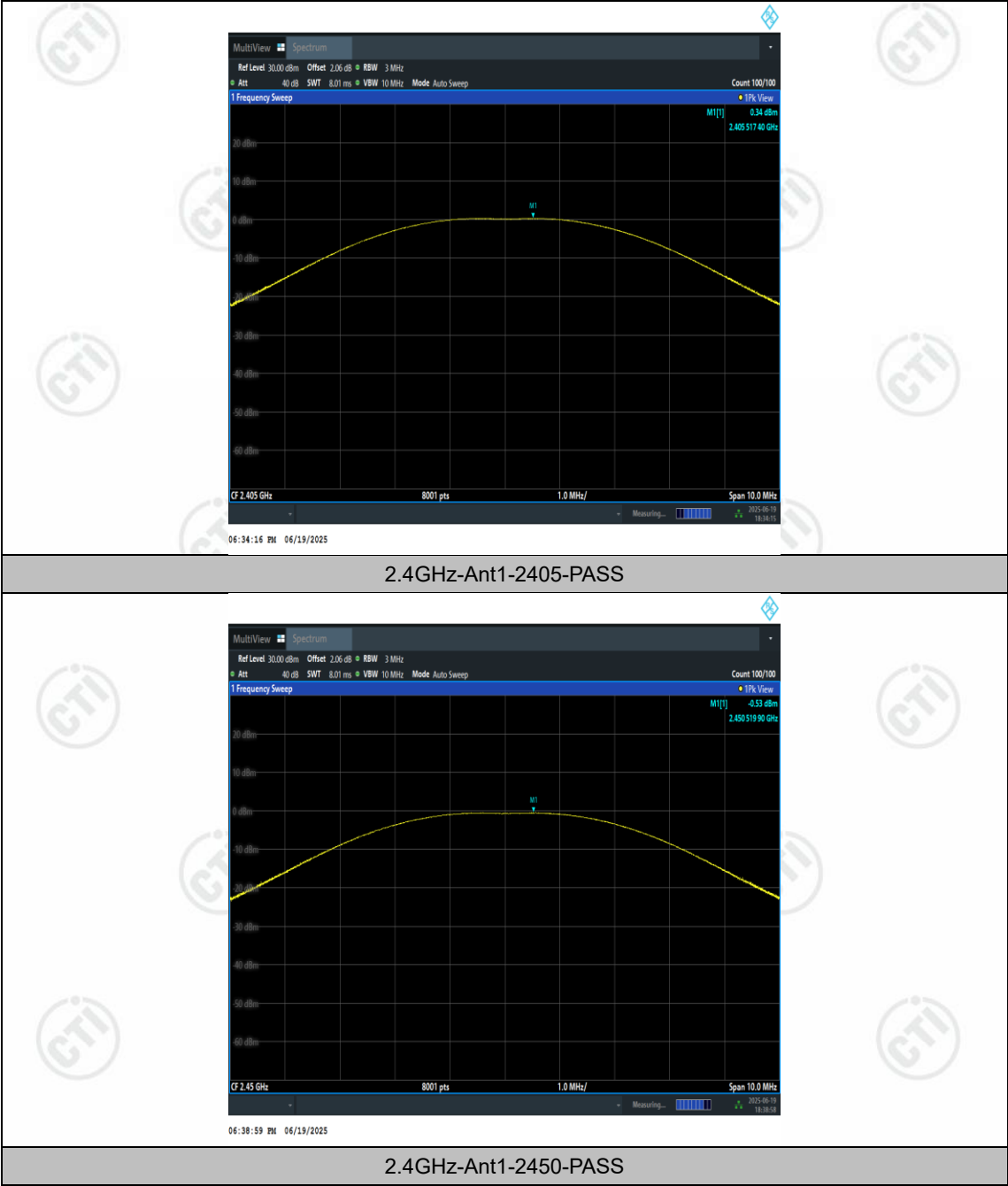


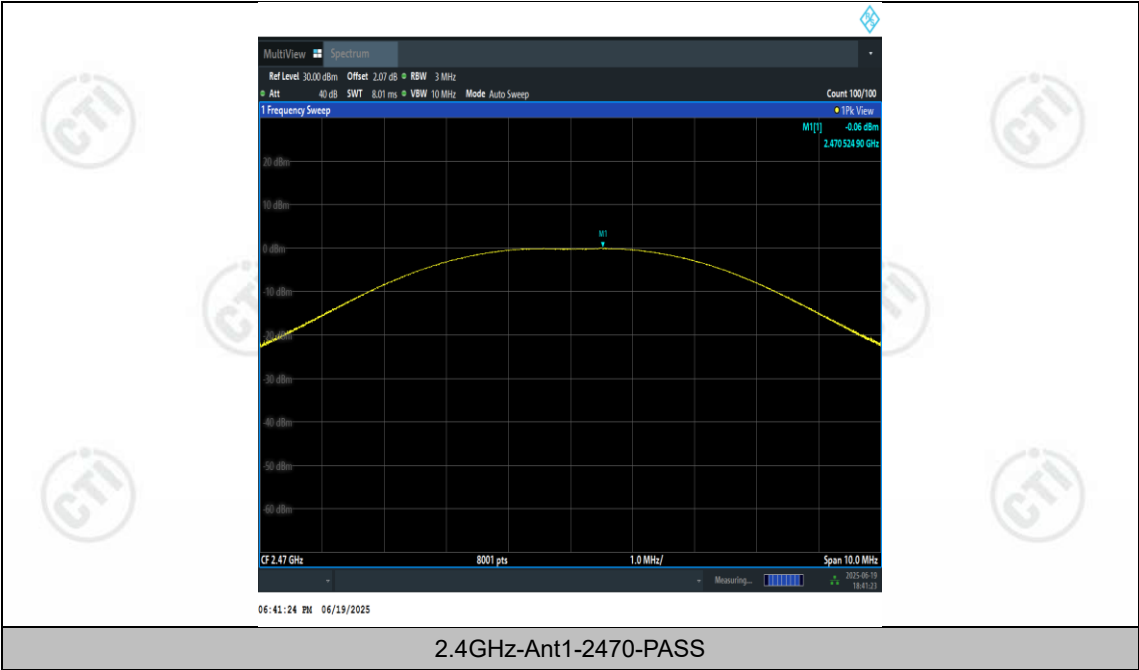
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4GHz	Ant1	2405	0.34	≤30	PASS
2.4GHz	Ant1	2450	-0.53	≤30	PASS
2.4GHz	Ant1	2470	-0.06	≤30	PASS

Test Graphs Peak



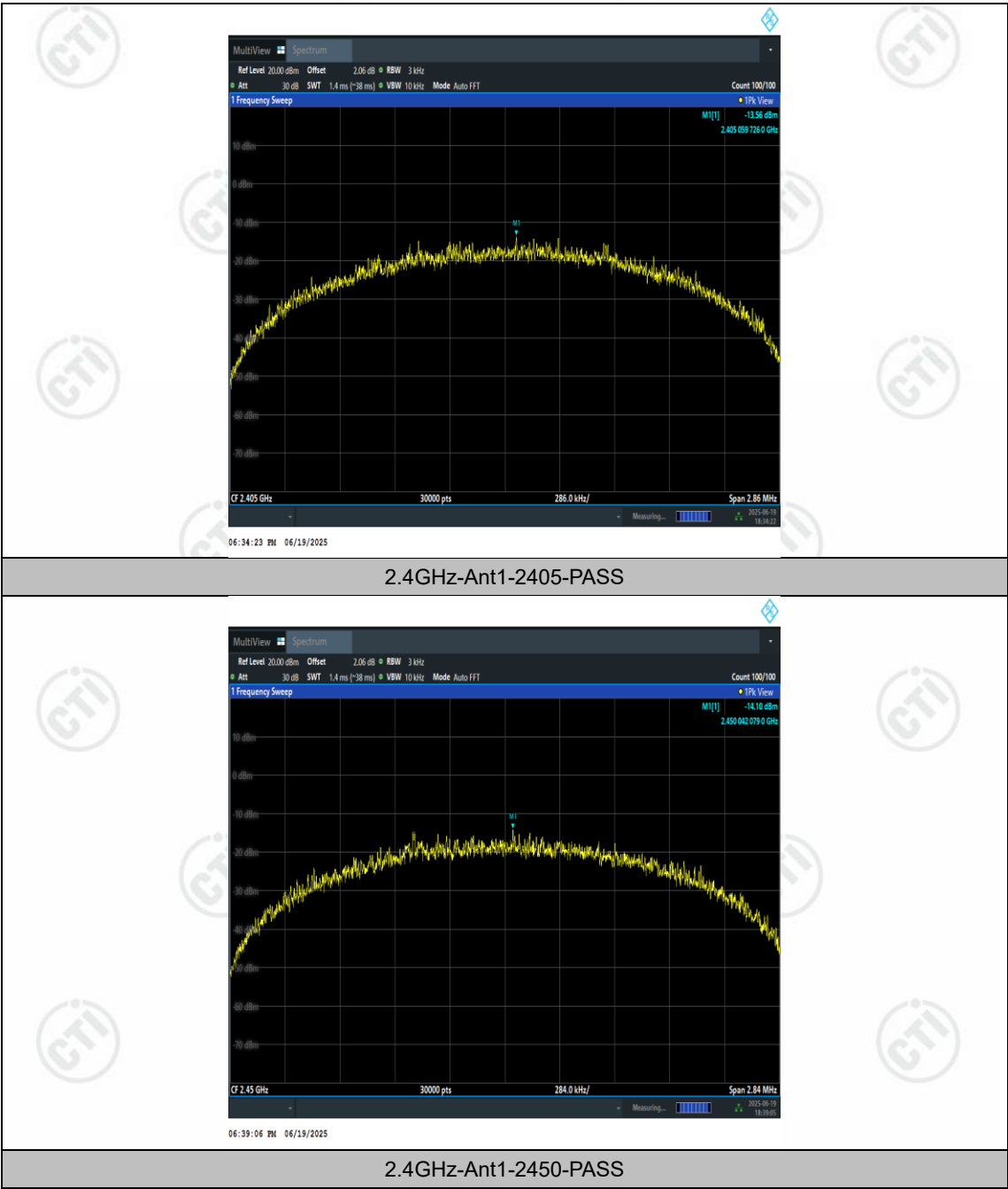


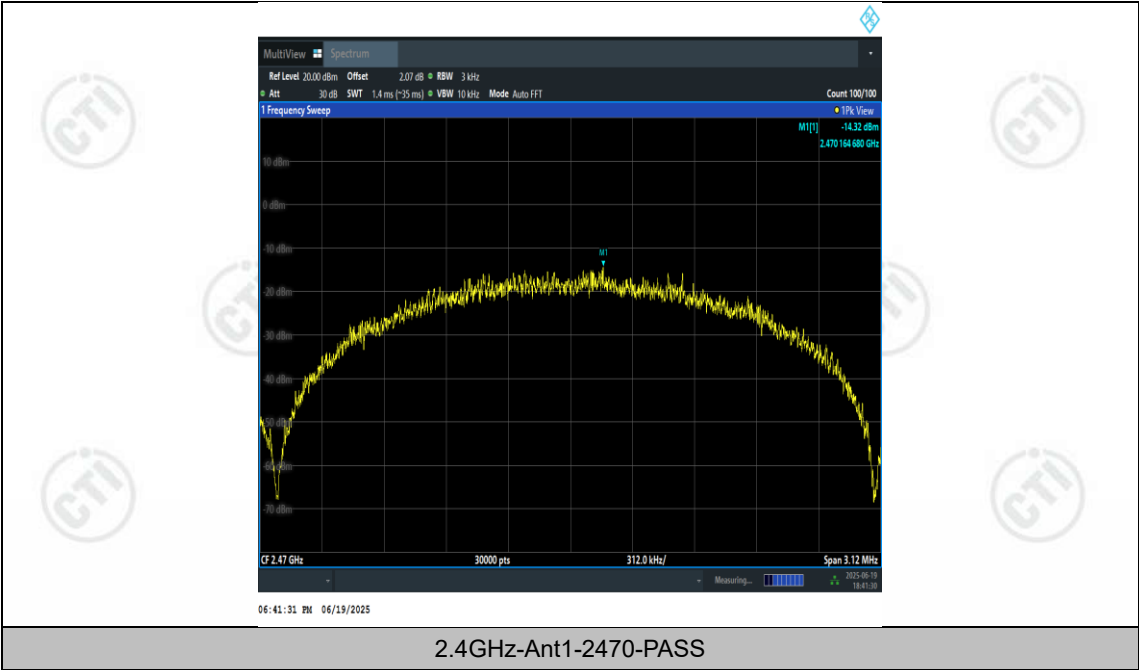
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4GHz	Ant1	2405	-13.56	≤8.00	PASS
2.4GHz	Ant1	2450	-14.10	≤8.00	PASS
2.4GHz	Ant1	2470	-14.32	≤8.00	PASS

Test Graphs



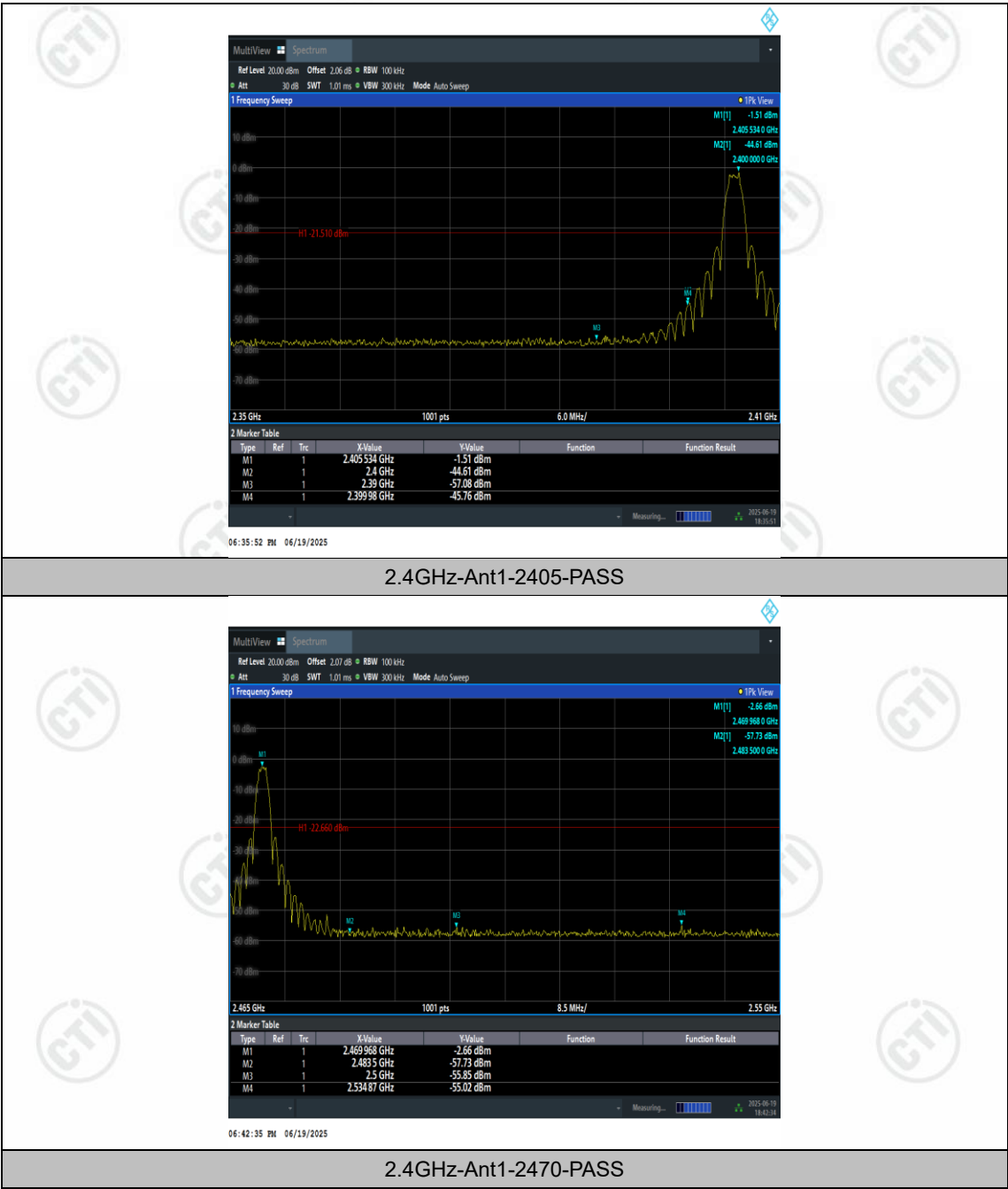


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4GHz	Ant1	Low	2405	-1.51	-45.76	≤-21.51	PASS
2.4GHz	Ant1	High	2470	-2.66	-55.02	≤-22.66	PASS

Test Graphs

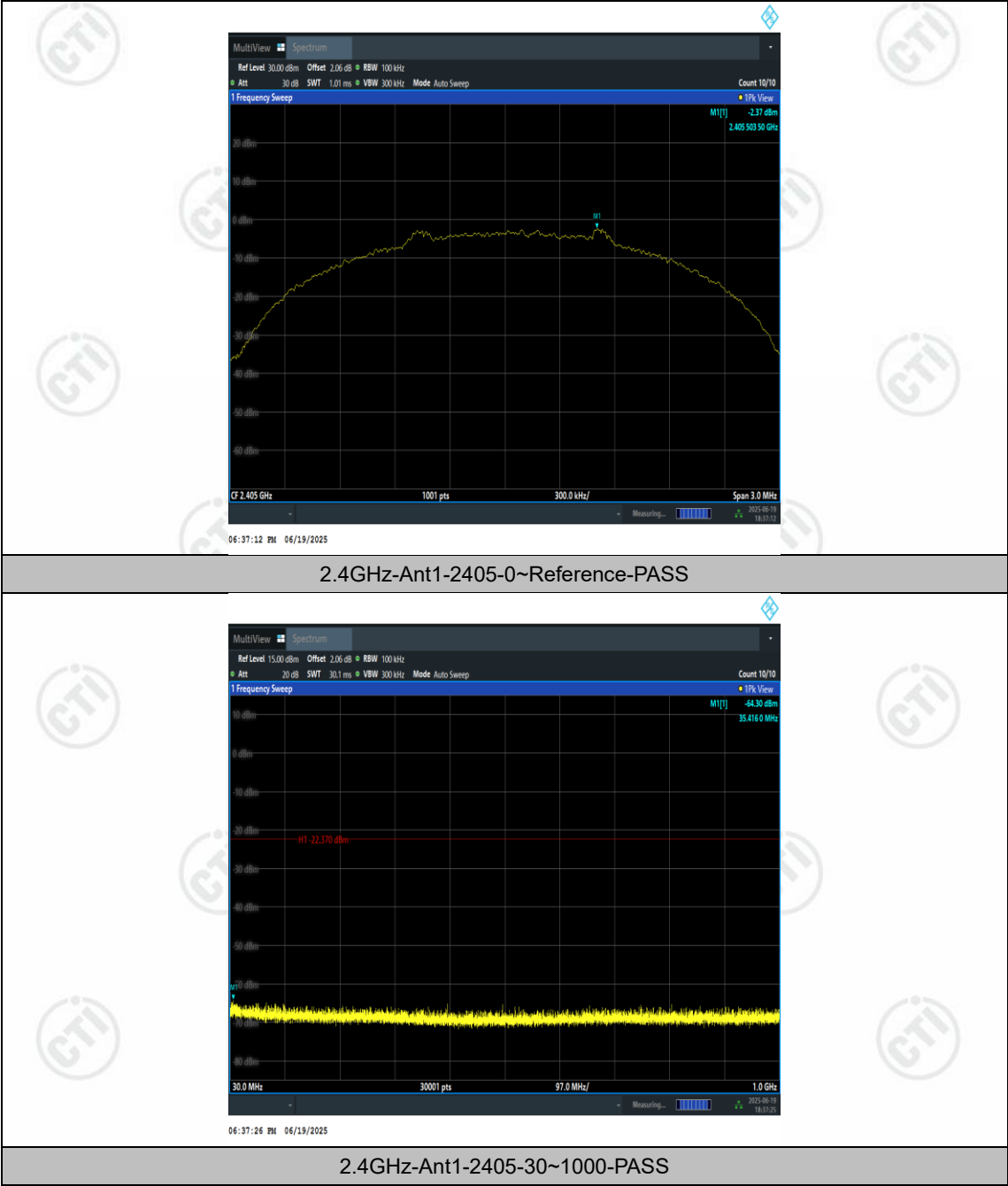


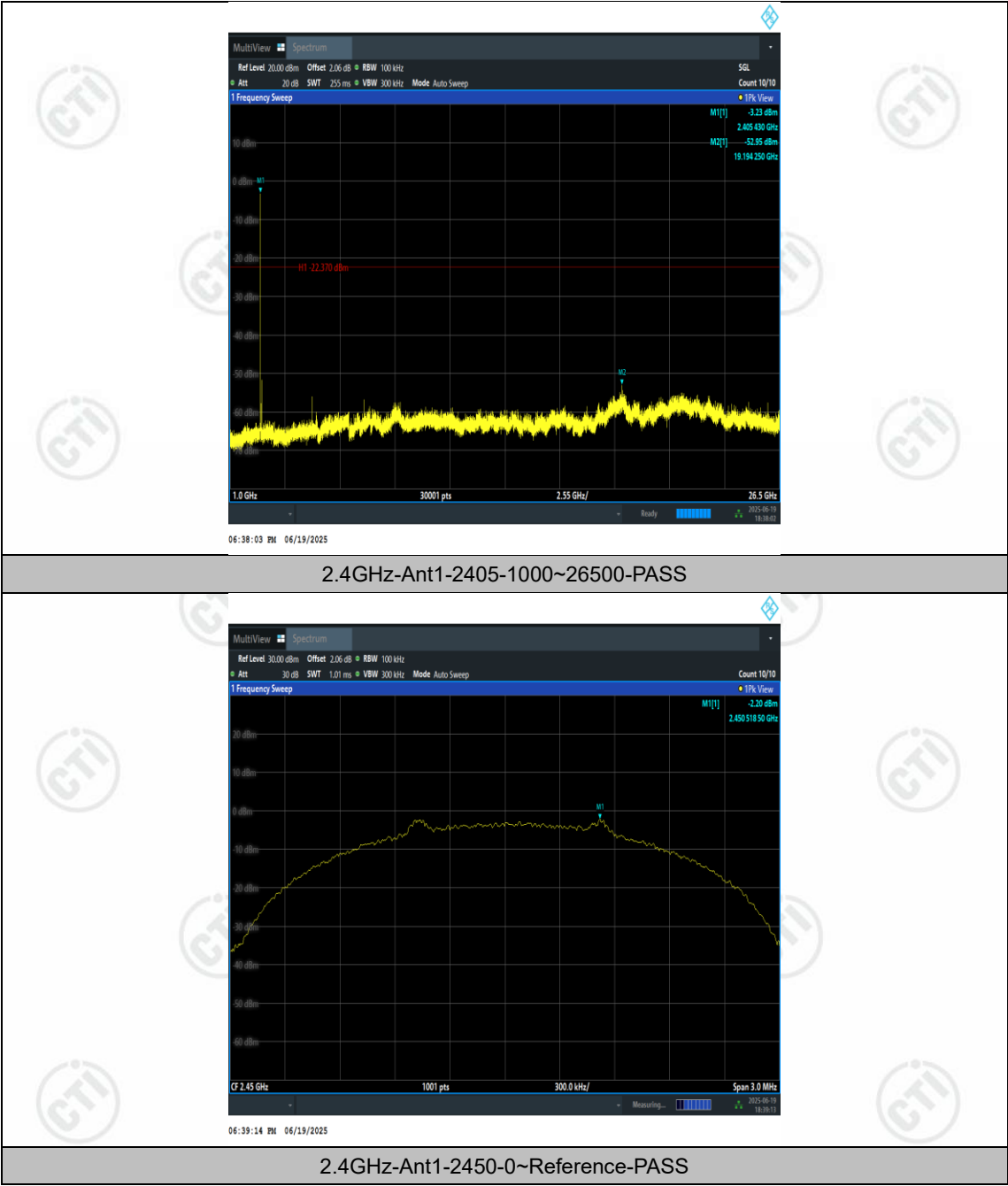
Appendix F: Conducted Spurious Emission

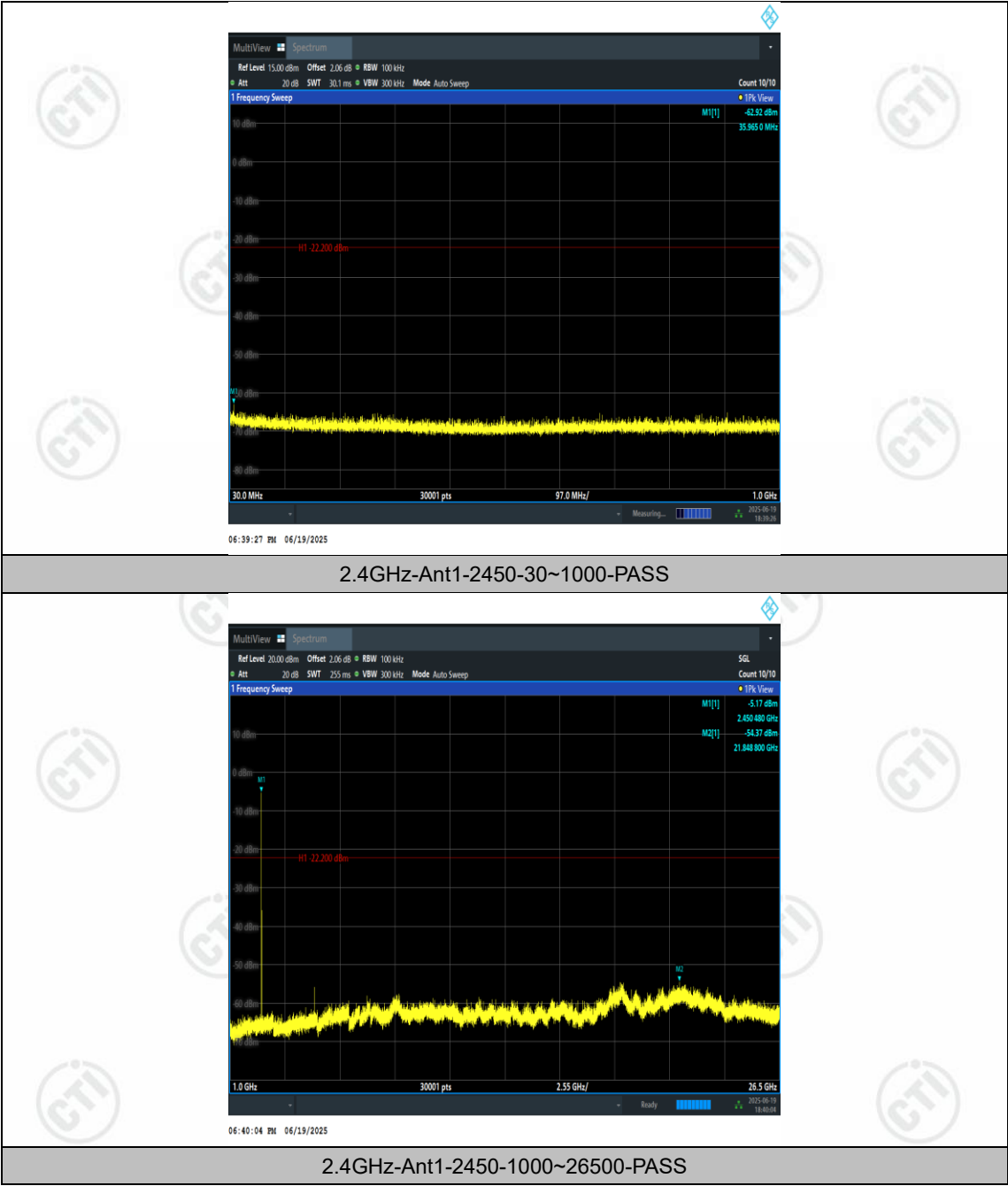
Test Result

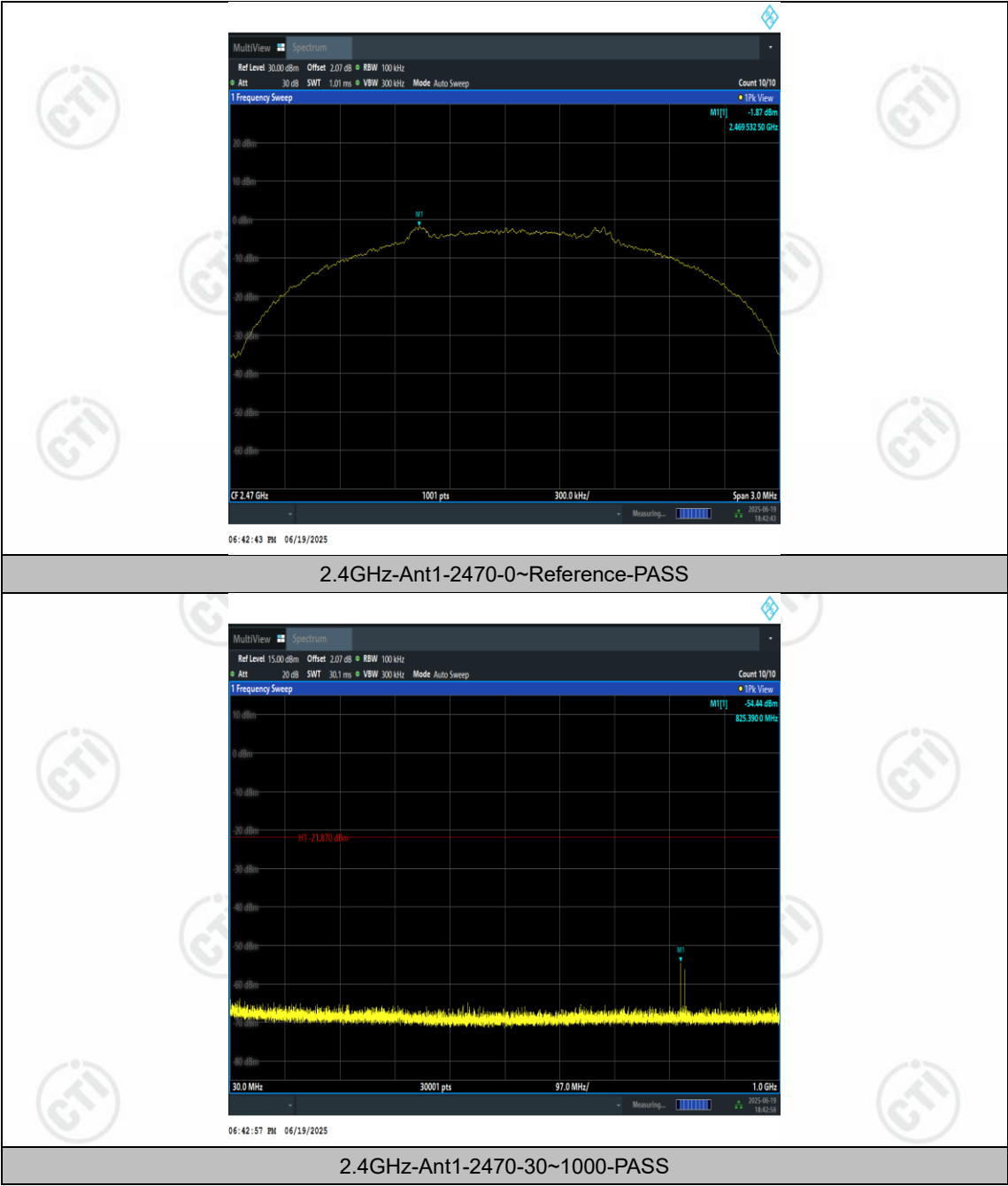
TestMode	Antenna	Frequency[M Hz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4GHz	Ant1	2405	0~Reference	-2.37	-2.37	---	PASS
2.4GHz	Ant1	2405	30~1000	-2.37	-64.3	≤-22.37	PASS
2.4GHz	Ant1	2405	1000~26500	-2.37	-52.95	≤-22.37	PASS
2.4GHz	Ant1	2450	0~Reference	-2.20	-2.20	---	PASS
2.4GHz	Ant1	2450	30~1000	-2.20	-62.92	≤-22.2	PASS
2.4GHz	Ant1	2450	1000~26500	-2.20	-54.37	≤-22.2	PASS
2.4GHz	Ant1	2470	0~Reference	-1.87	-1.87	---	PASS
2.4GHz	Ant1	2470	30~1000	-1.87	-54.44	≤-21.87	PASS
2.4GHz	Ant1	2470	1000~26500	-1.87	-54.32	≤-21.87	PASS

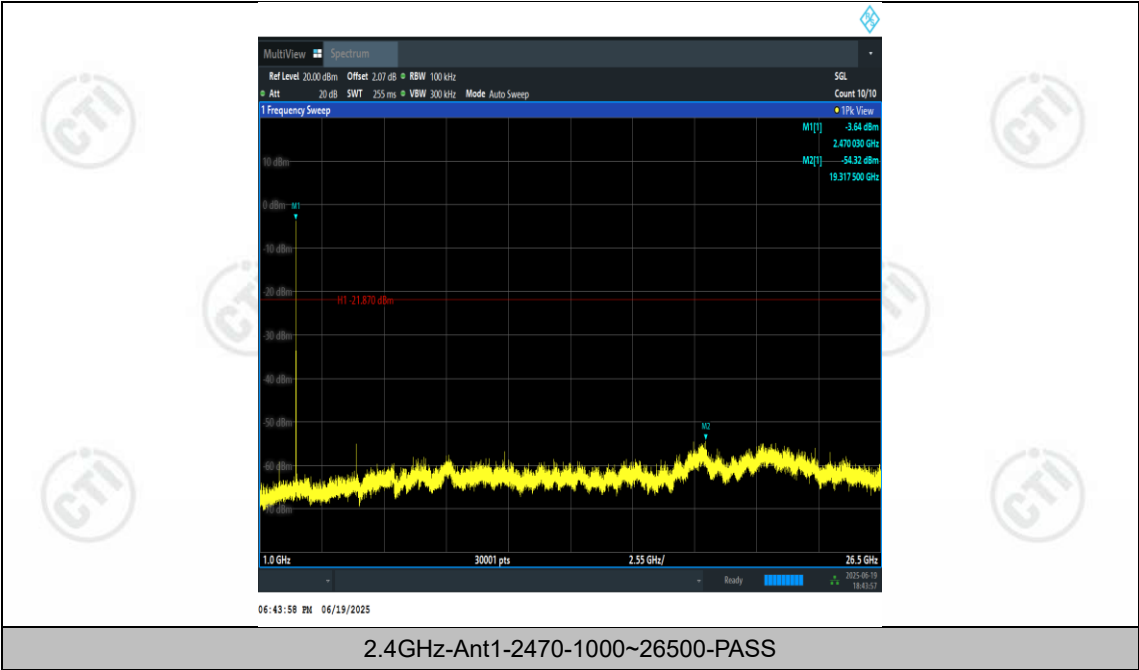
Test Graphs











Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4GHz	Ant1	2405	0.00	0.00	100	Na
2.4GHz	Ant1	2450	0.00	0.00	100	Na
2.4GHz	Ant1	2470	0.00	0.00	100	Na

Test Graphs





*** End of Report ***