

Appendix: 2.4GHz

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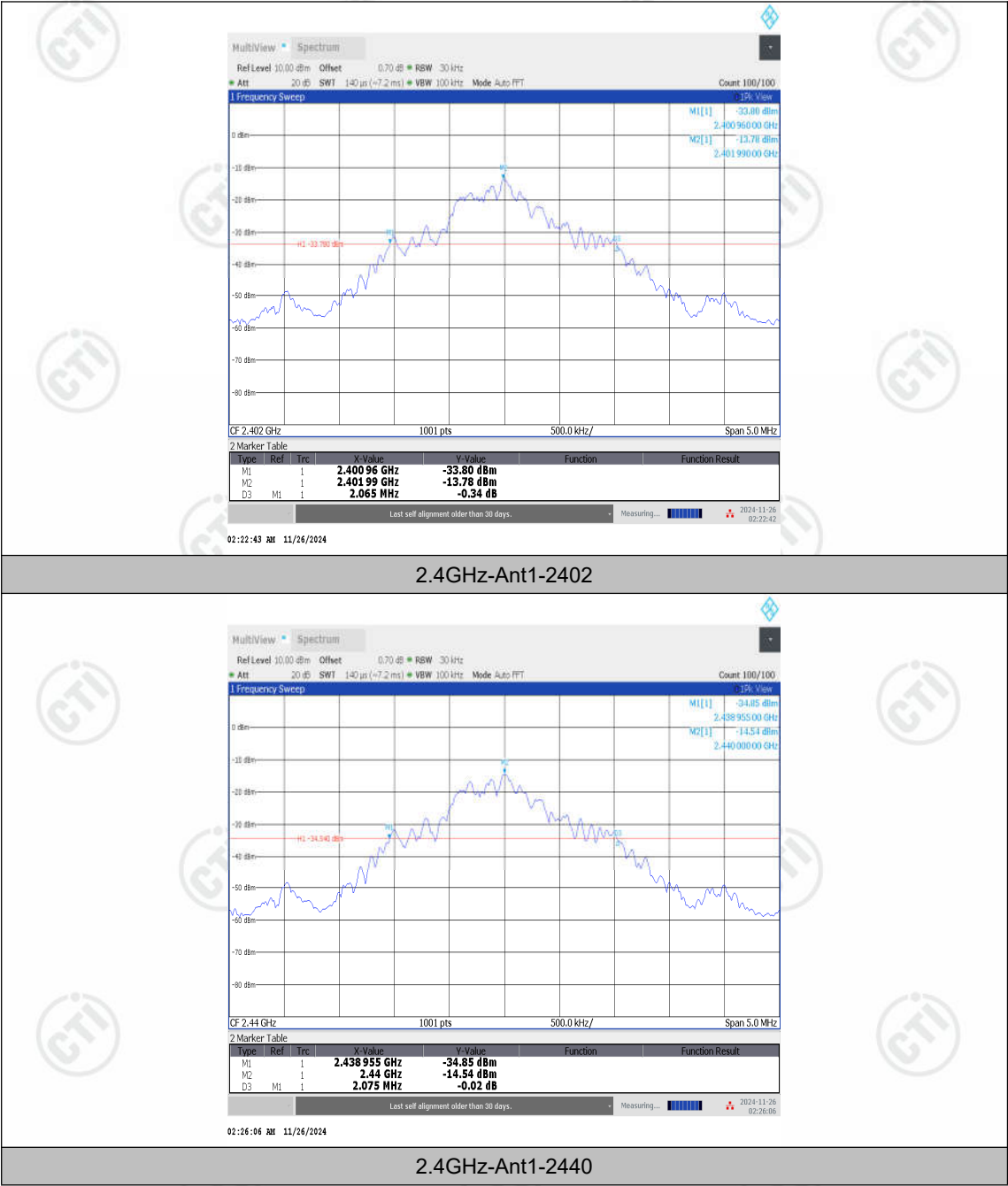
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Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4GHz	Ant1	2402	2.07	2400.96	2403.03	---	---
2.4GHz	Ant1	2440	2.08	2438.96	2441.03	---	---
2.4GHz	Ant1	2480	2.09	2478.95	2481.04	---	---

Test Graphs



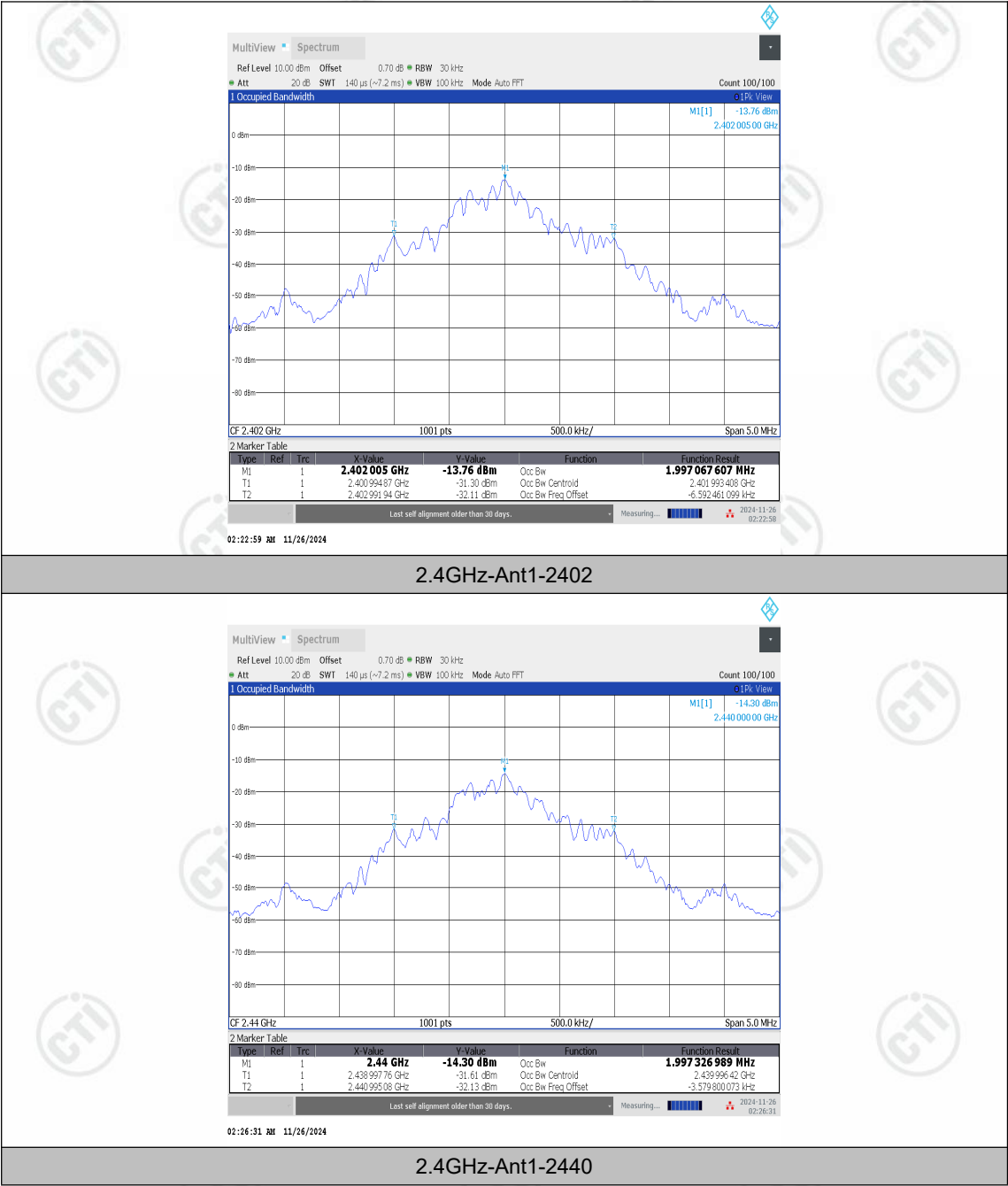


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4GHz	Ant1	2402	1.997	2400.9949	2402.9919	---	---
2.4GHz	Ant1	2440	1.997	2438.9978	2440.9951	---	---
2.4GHz	Ant1	2480	2.012	2478.9912	2481.0036	---	---

Test Graphs



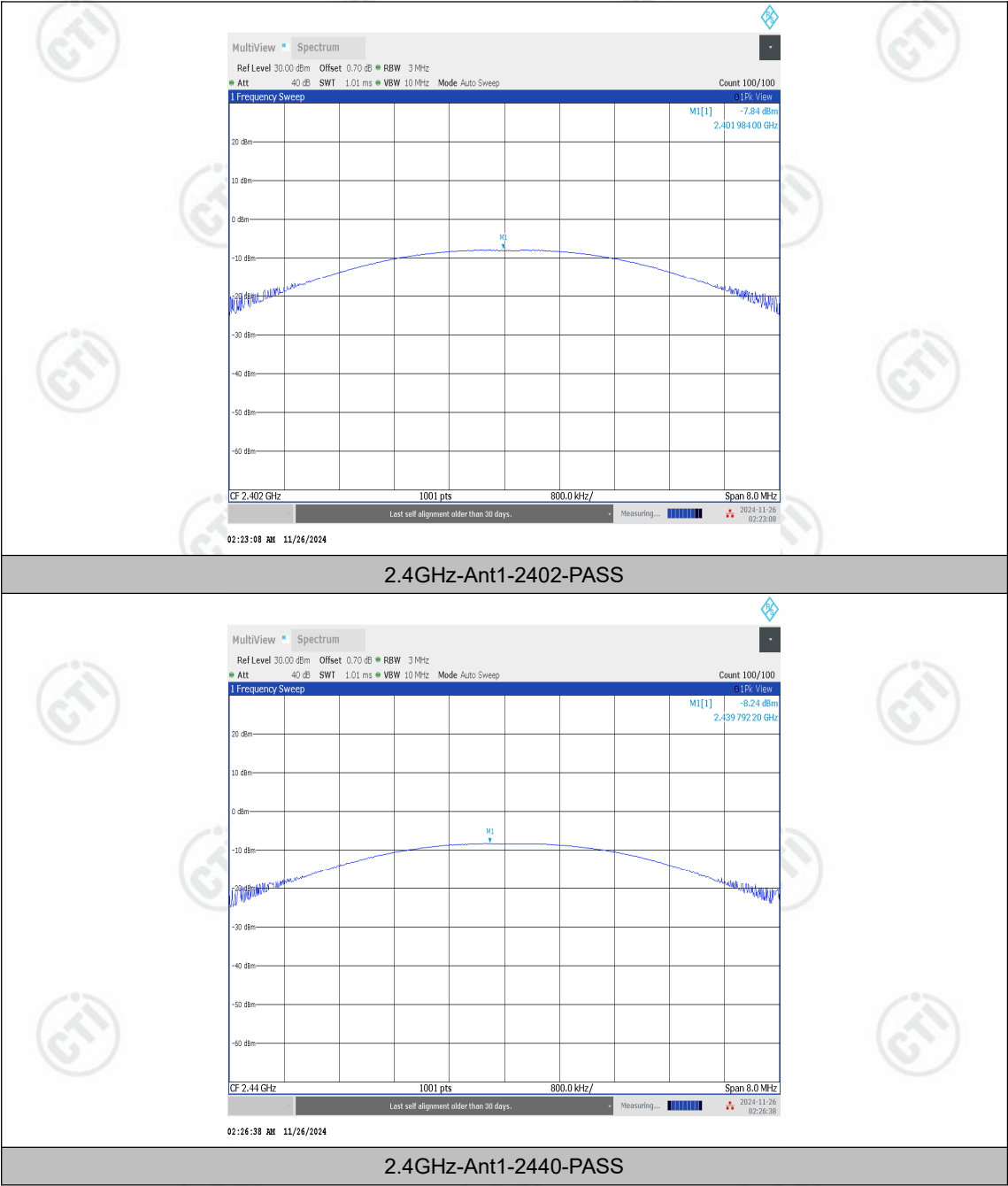


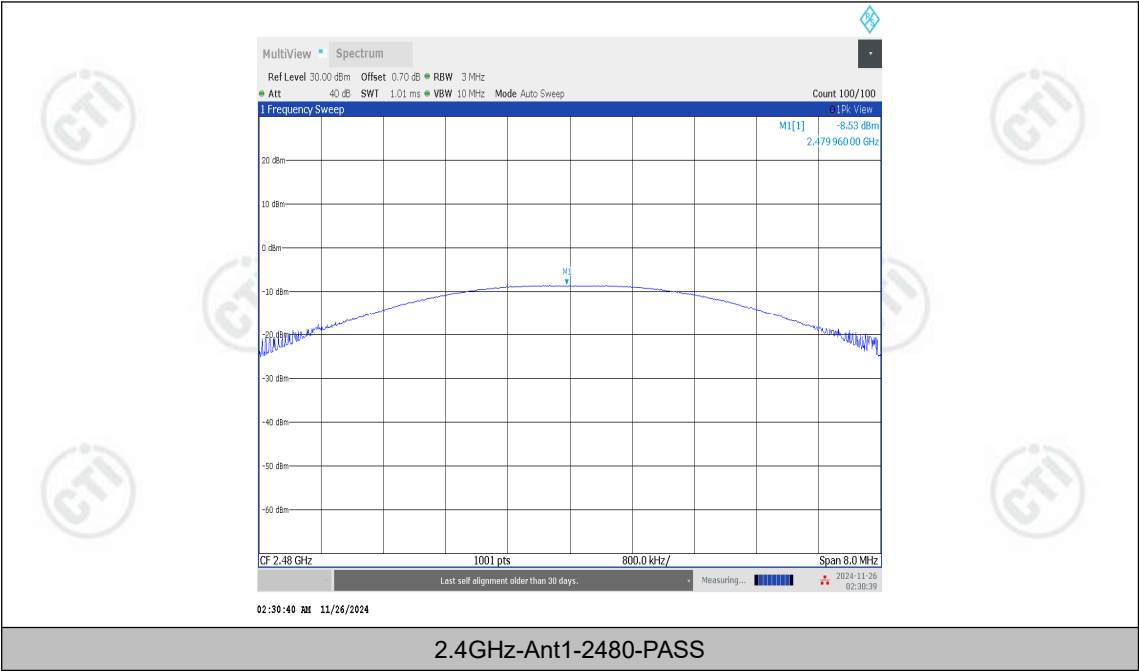
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4GHz	Ant1	2402	-7.84	≤20.97	PASS
2.4GHz	Ant1	2440	-8.24	≤20.97	PASS
2.4GHz	Ant1	2480	-8.53	≤20.97	PASS

Test Graphs



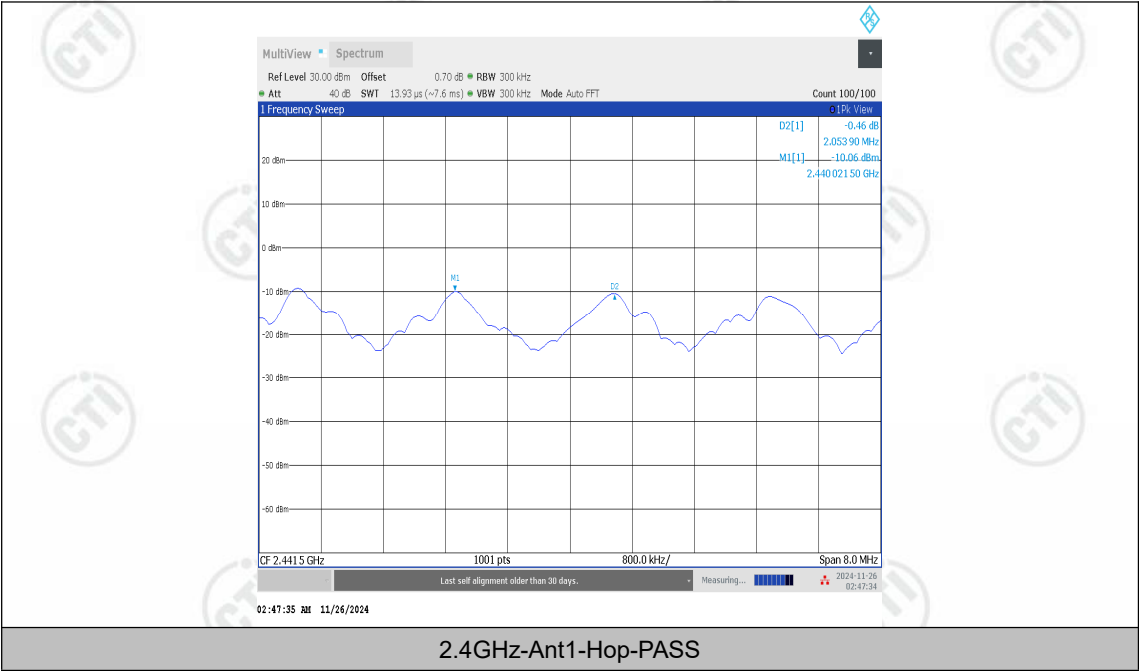


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
2.4GHz	Ant1	Hop	2.054	≥1.393	PASS

Test Graphs

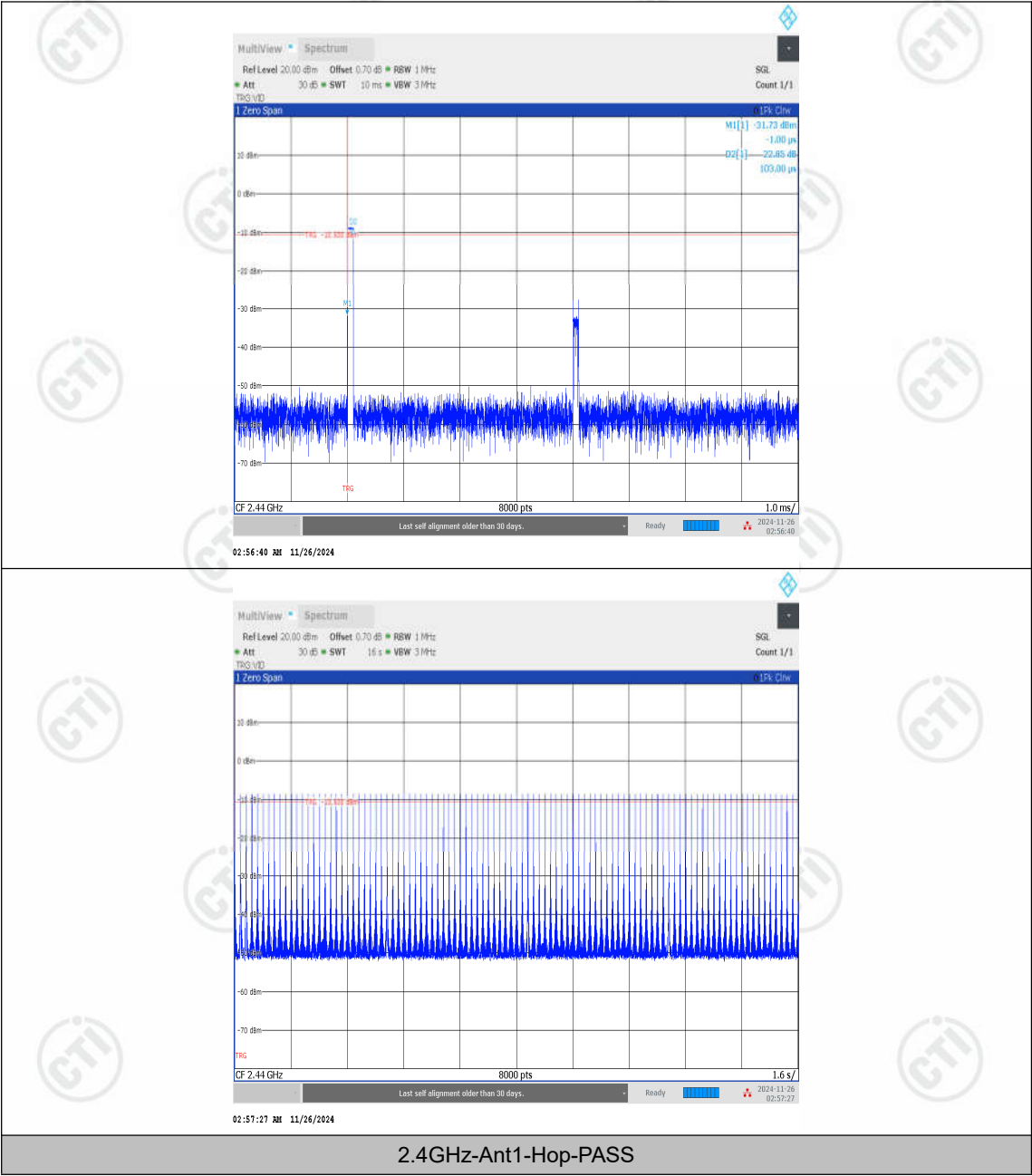


Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
2.4GHz	Ant1	Hop	0.103	101	0.0104	≤0.4	PASS

Test Graphs

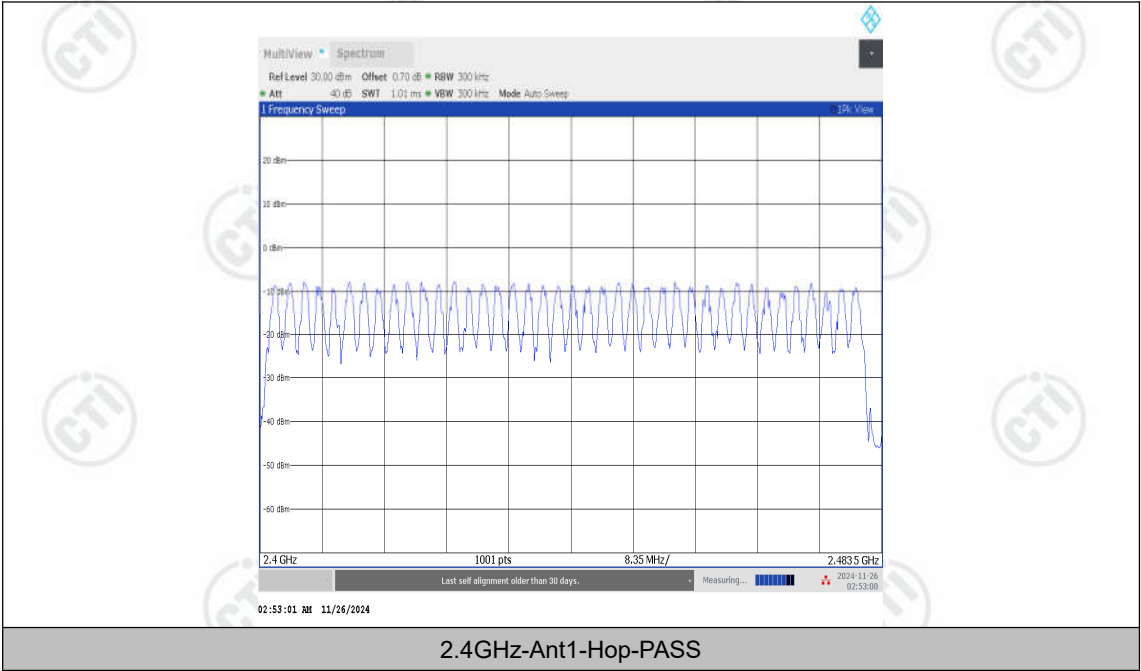


Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
2.4GHz	Ant1	Hop	40	≥15	PASS

Test Graphs

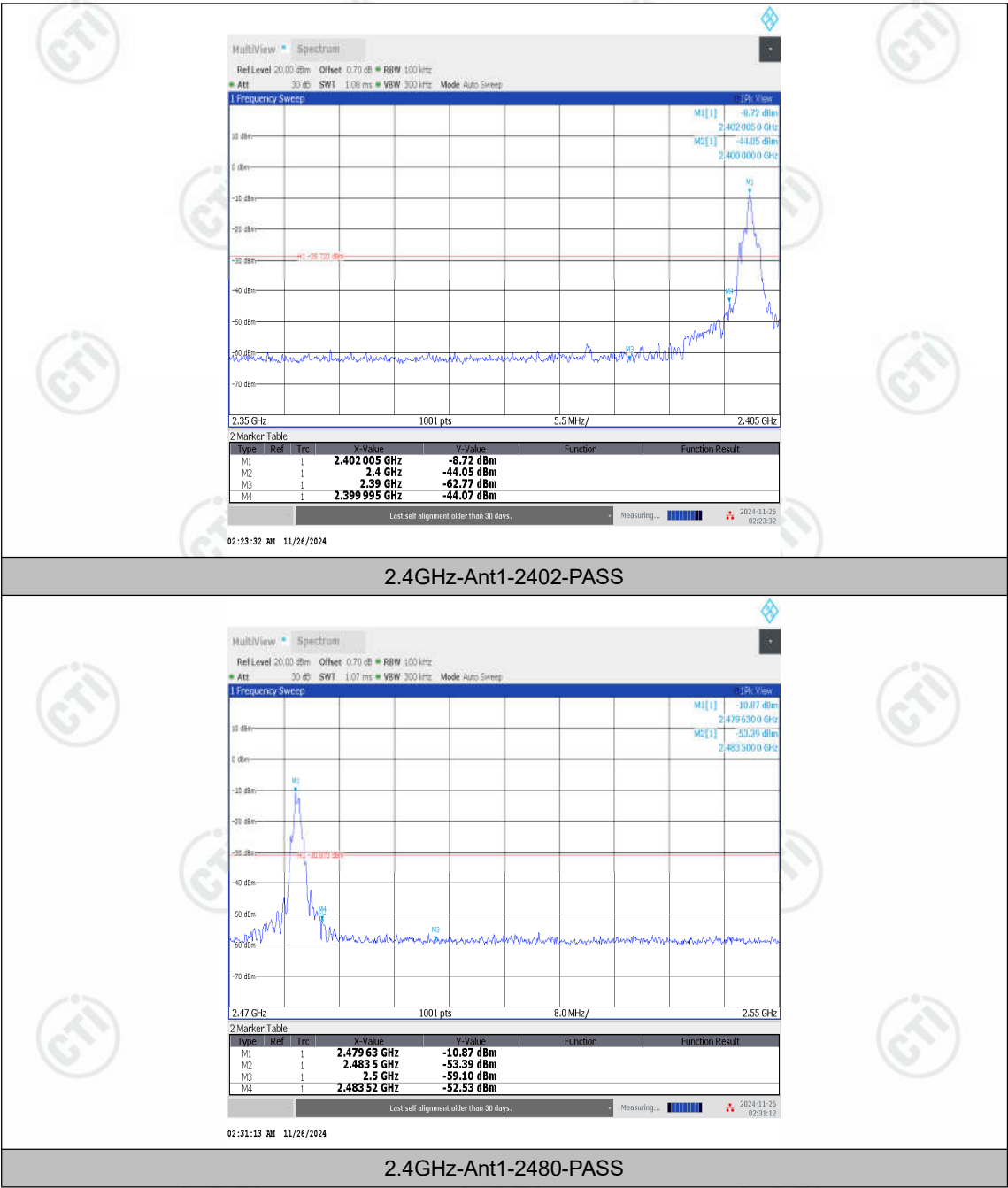


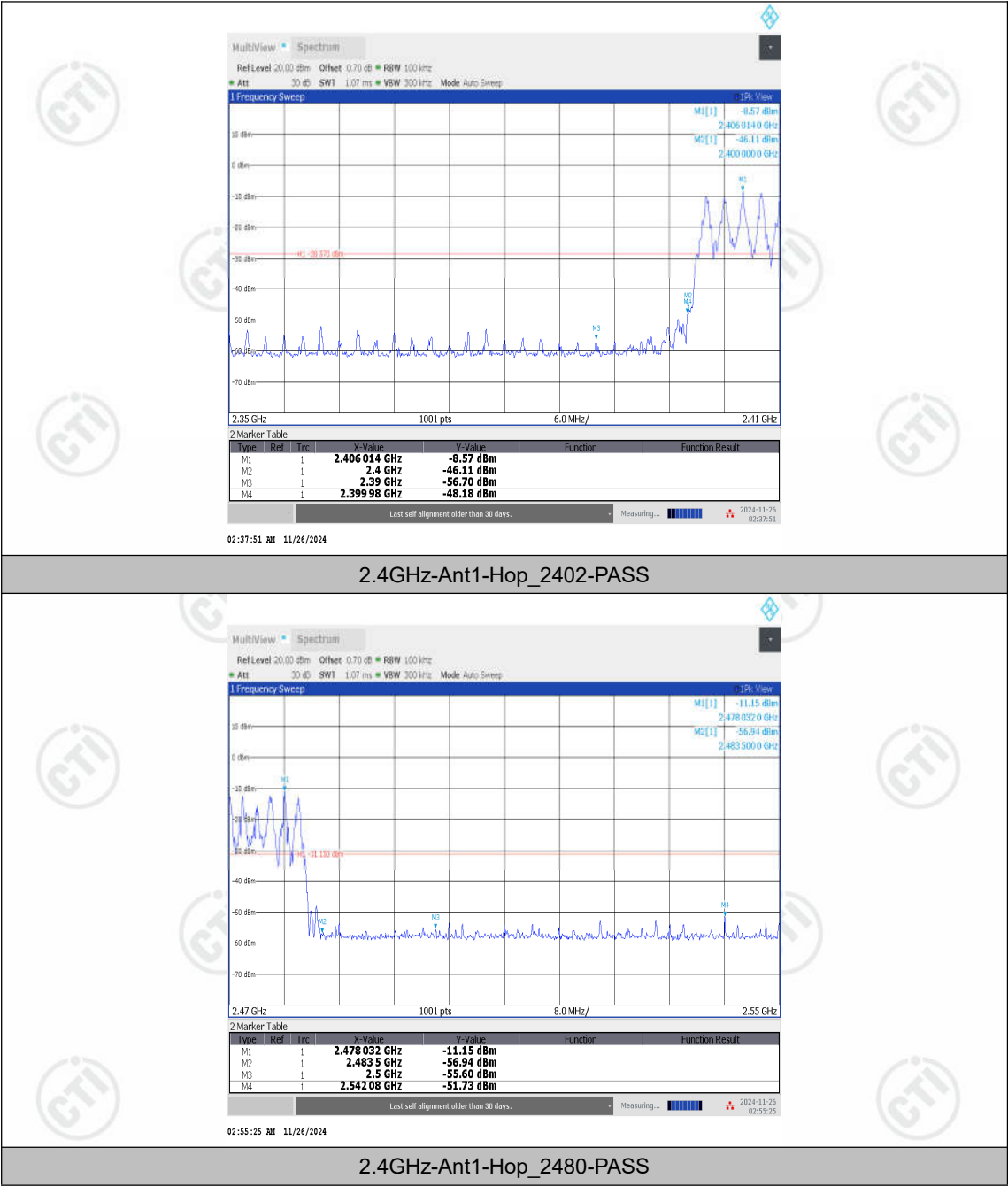
Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4GHz	Ant1	Low	2402	-8.72	-44.07	≤-28.72	PASS
2.4GHz	Ant1	High	2480	-10.87	-52.53	≤-30.87	PASS
2.4GHz	Ant1	Low	Hop_2402	-8.57	-48.18	≤-28.57	PASS
2.4GHz	Ant1	High	Hop_2480	-11.15	-51.73	≤-31.15	PASS

Test Graphs



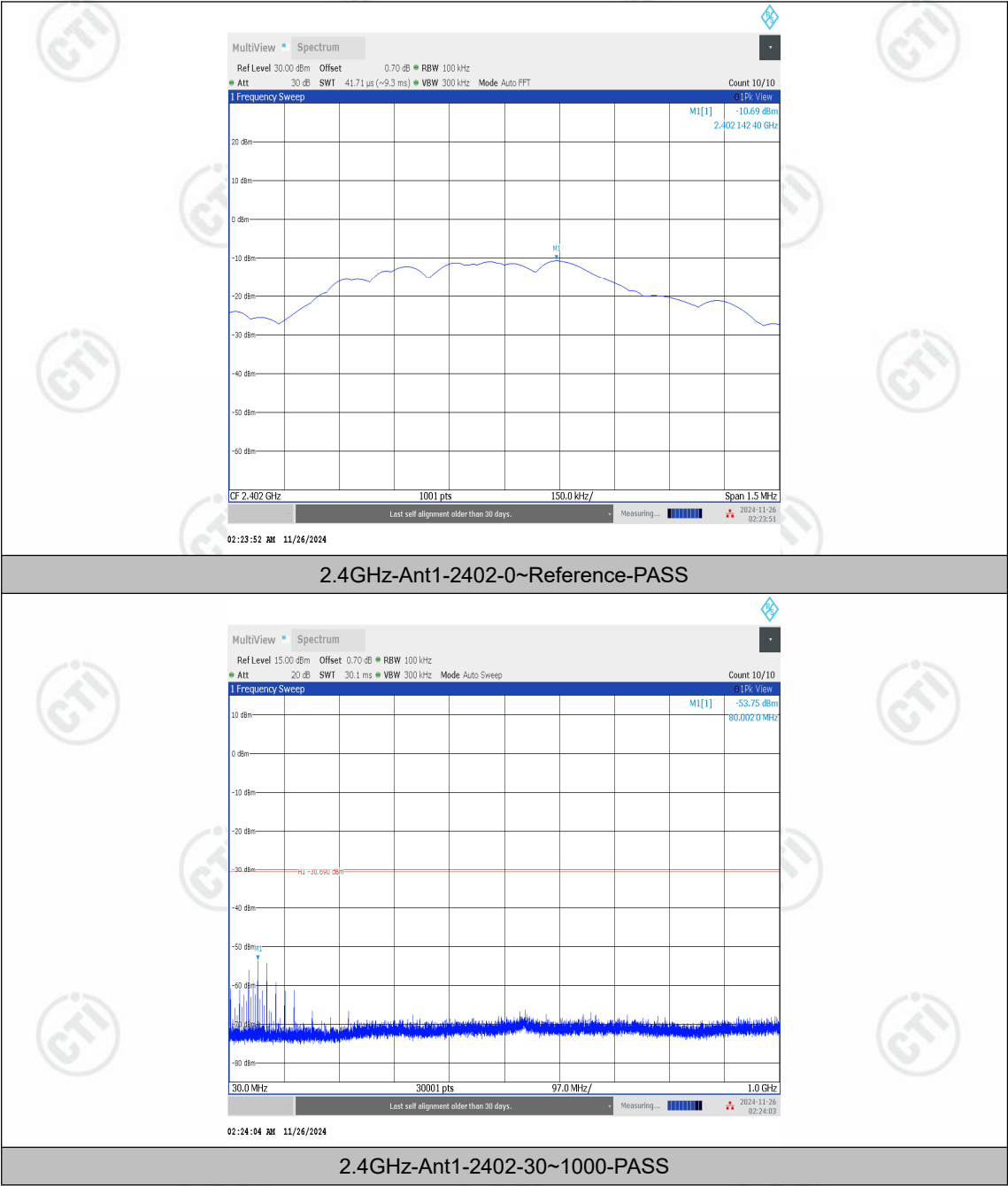


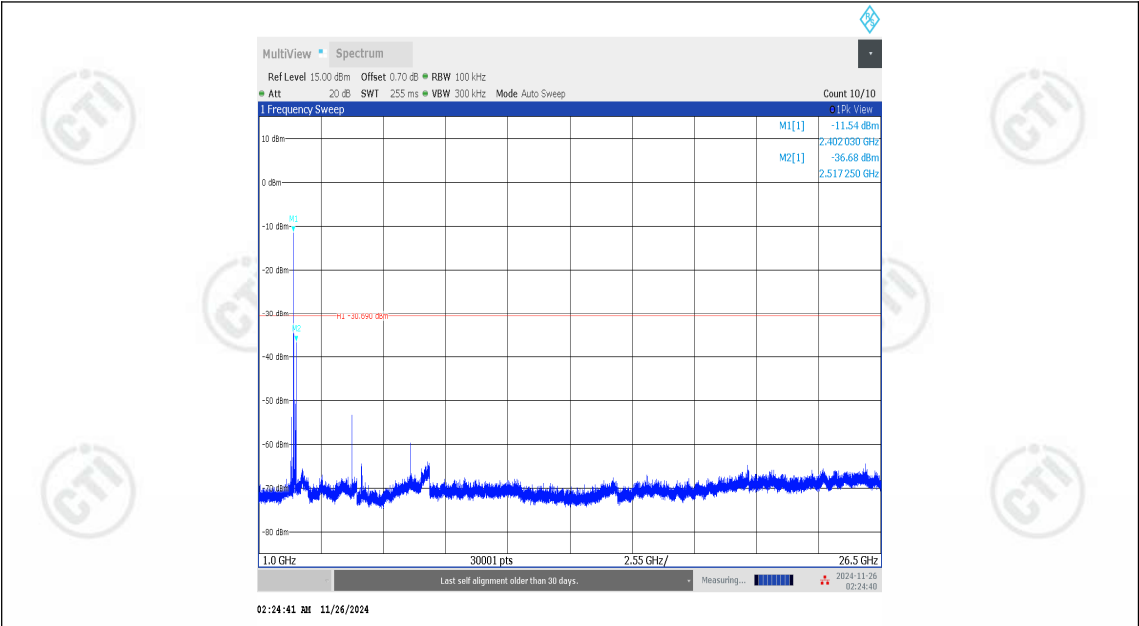
Appendix H: Conducted Spurious Emission

Test Result

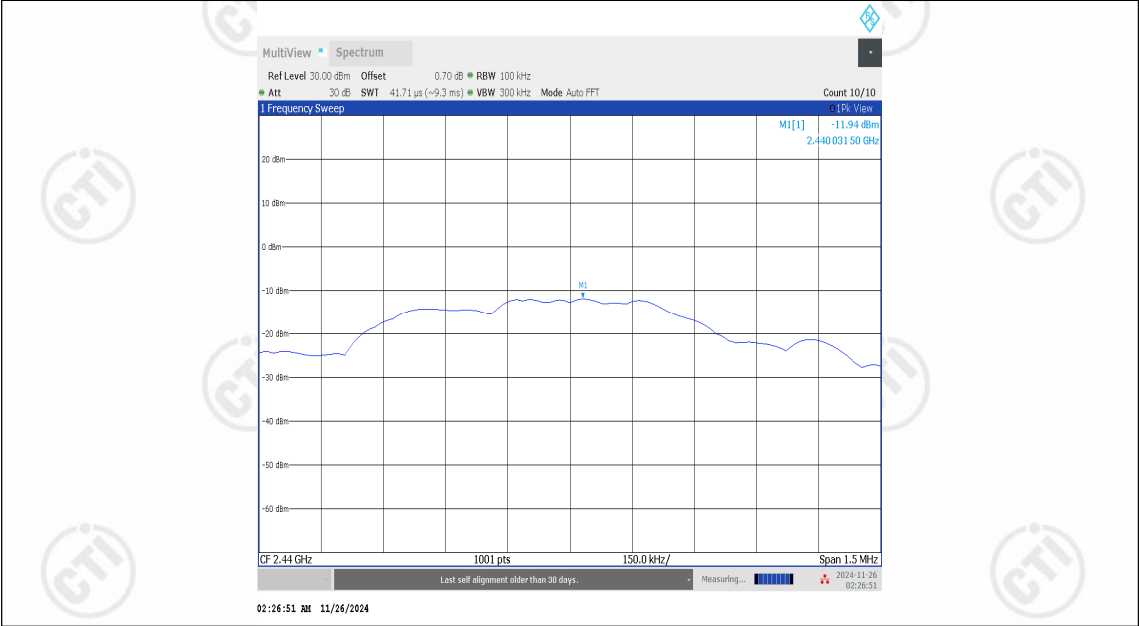
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4GHz	Ant1	2402	0~Reference	-10.69	-10.69	---	PASS
2.4GHz	Ant1	2402	30~1000	-10.69	-53.75	≤-30.69	PASS
2.4GHz	Ant1	2402	1000~26500	-10.69	-36.68	≤-30.69	PASS
2.4GHz	Ant1	2440	0~Reference	-11.94	-11.94	---	PASS
2.4GHz	Ant1	2440	30~1000	-11.94	-53.99	≤-31.94	PASS
2.4GHz	Ant1	2440	1000~26500	-11.94	-47.73	≤-31.94	PASS
2.4GHz	Ant1	2480	0~Reference	-12.48	-12.48	---	PASS
2.4GHz	Ant1	2480	30~1000	-12.48	-53.9	≤-32.48	PASS
2.4GHz	Ant1	2480	1000~26500	-12.48	-42.35	≤-32.48	PASS

Test Graphs

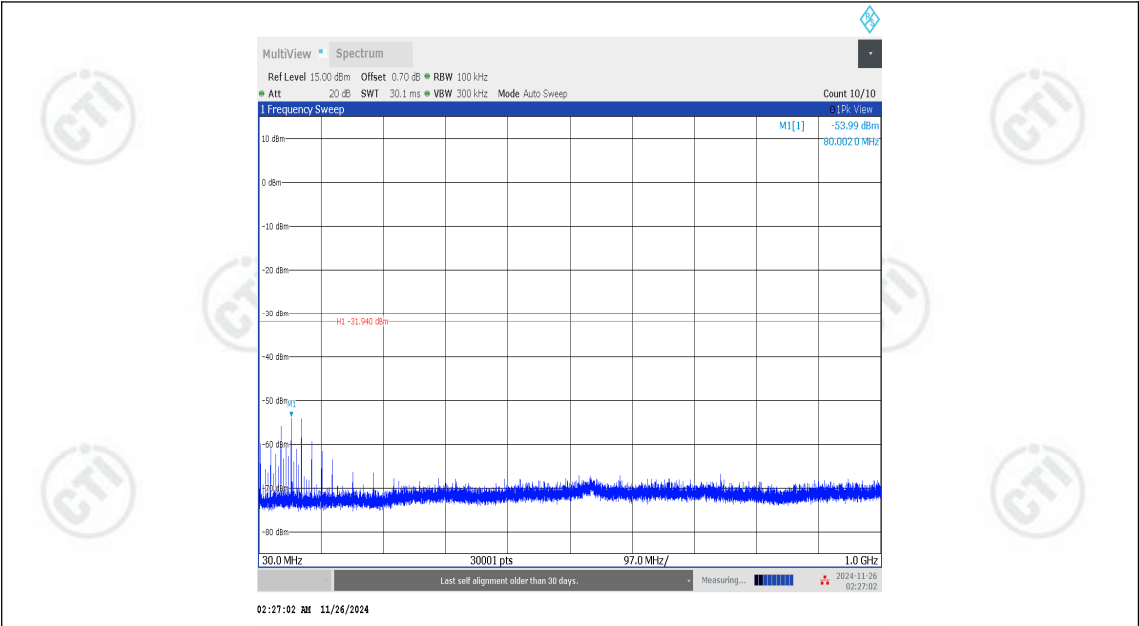




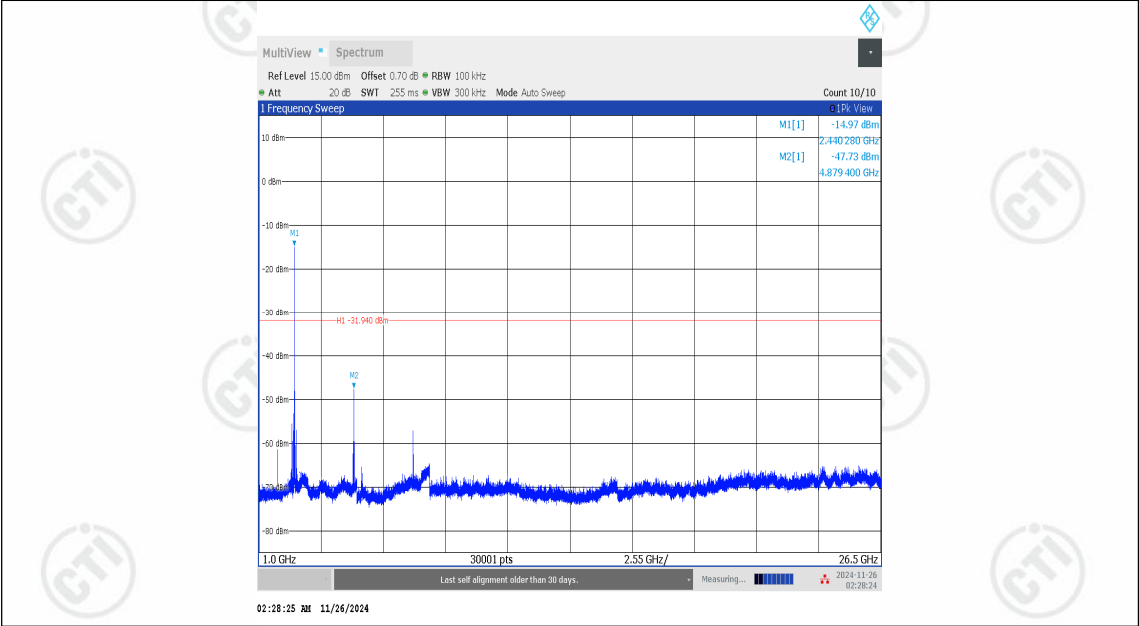
2.4GHz-Ant1-2402-1000~26500-PASS



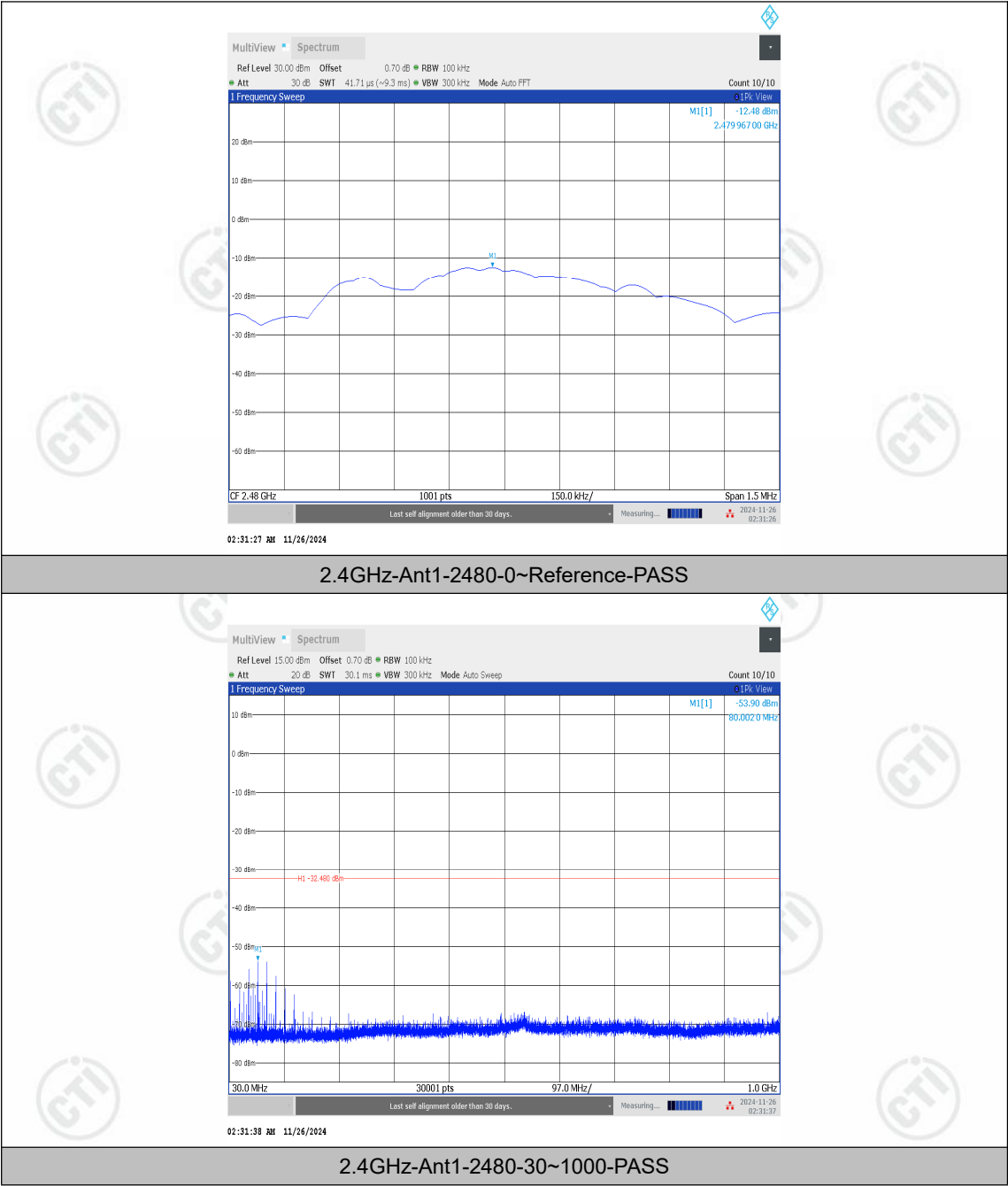
2.4GHz-Ant1-2440-0~Reference-PASS

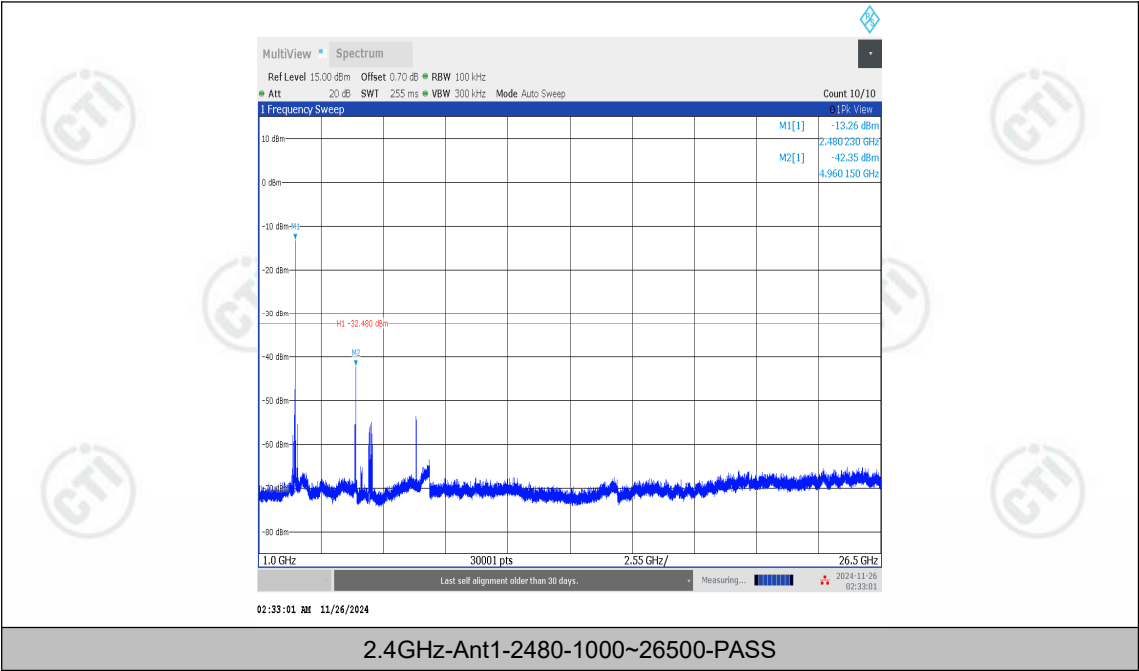


2.4GHz-Ant1-2440-30~1000-PASS



2.4GHz-Ant1-2440-1000~26500-PASS



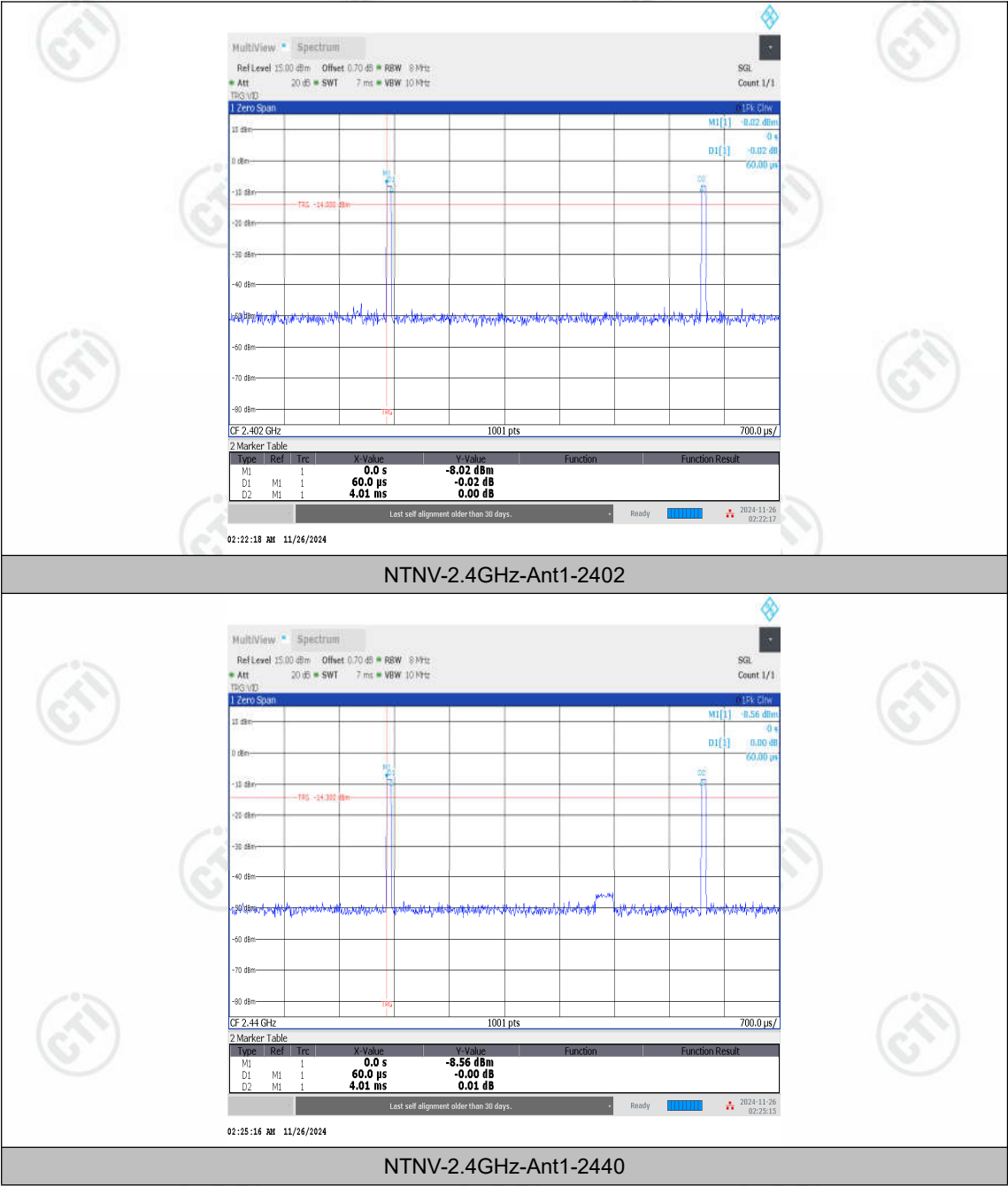


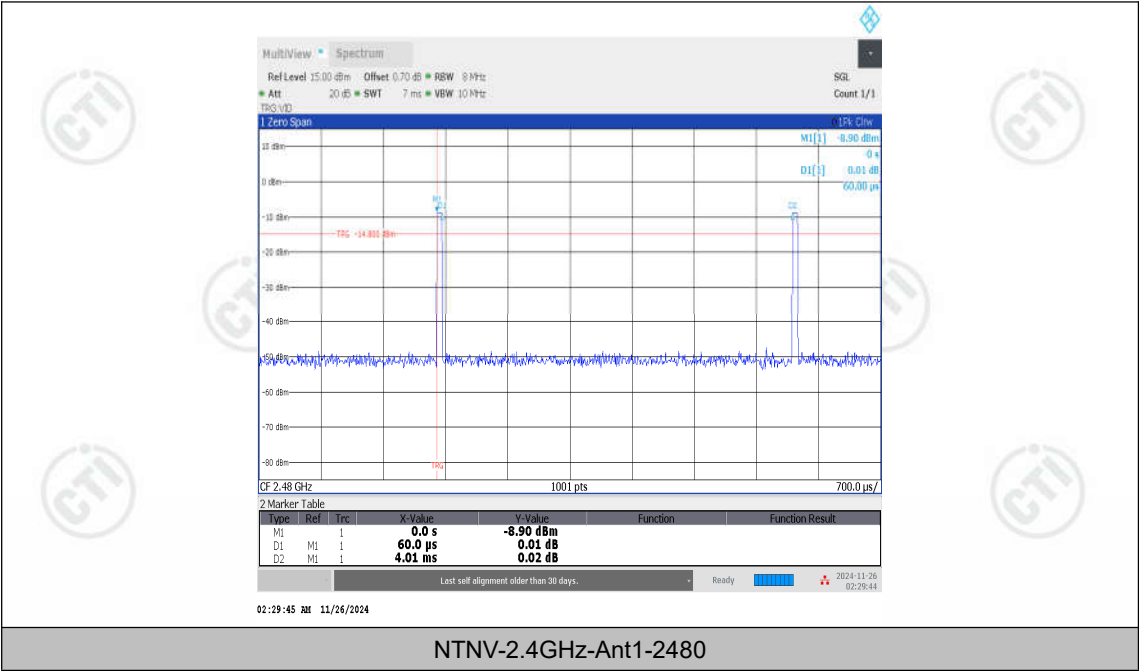
Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
2.4GHz	Ant1	2402	0.06	4.01	1.50	18.24
2.4GHz	Ant1	2440	0.06	4.01	1.50	18.24
2.4GHz	Ant1	2480	0.06	4.01	1.50	18.24

Test Graphs





END OF REPORT