

Appendix: Bluetooth Classic

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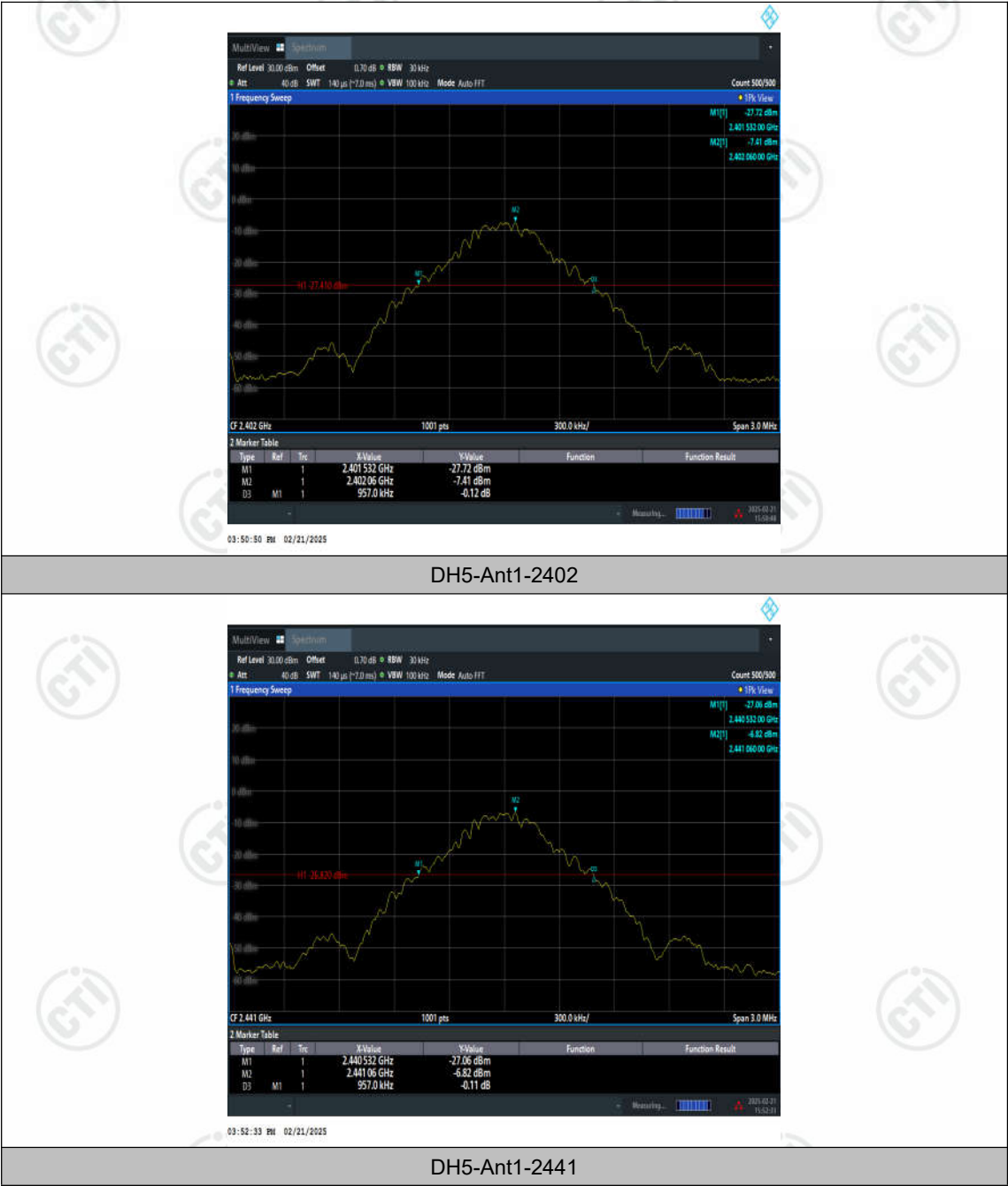
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Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.96	2401.53	2402.49	---	---
DH5	Ant1	2441	0.96	2440.53	2441.49	---	---
DH5	Ant1	2480	0.96	2479.53	2480.49	---	---
2DH5	Ant1	2402	1.33	2401.33	2402.67	---	---
2DH5	Ant1	2441	1.33	2440.33	2441.67	---	---
2DH5	Ant1	2480	1.32	2479.34	2480.66	---	---

Test Graphs







Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.875	2401.5618	2402.4367	---	---
DH5	Ant1	2441	0.873	2440.5616	2441.4342	---	---
DH5	Ant1	2480	0.878	2479.5613	2480.4396	---	---
2DH5	Ant1	2402	1.179	2401.4102	2402.5891	---	---
2DH5	Ant1	2441	1.182	2440.4096	2441.5913	---	---
2DH5	Ant1	2480	1.181	2479.4096	2480.5908	---	---

Test Graphs





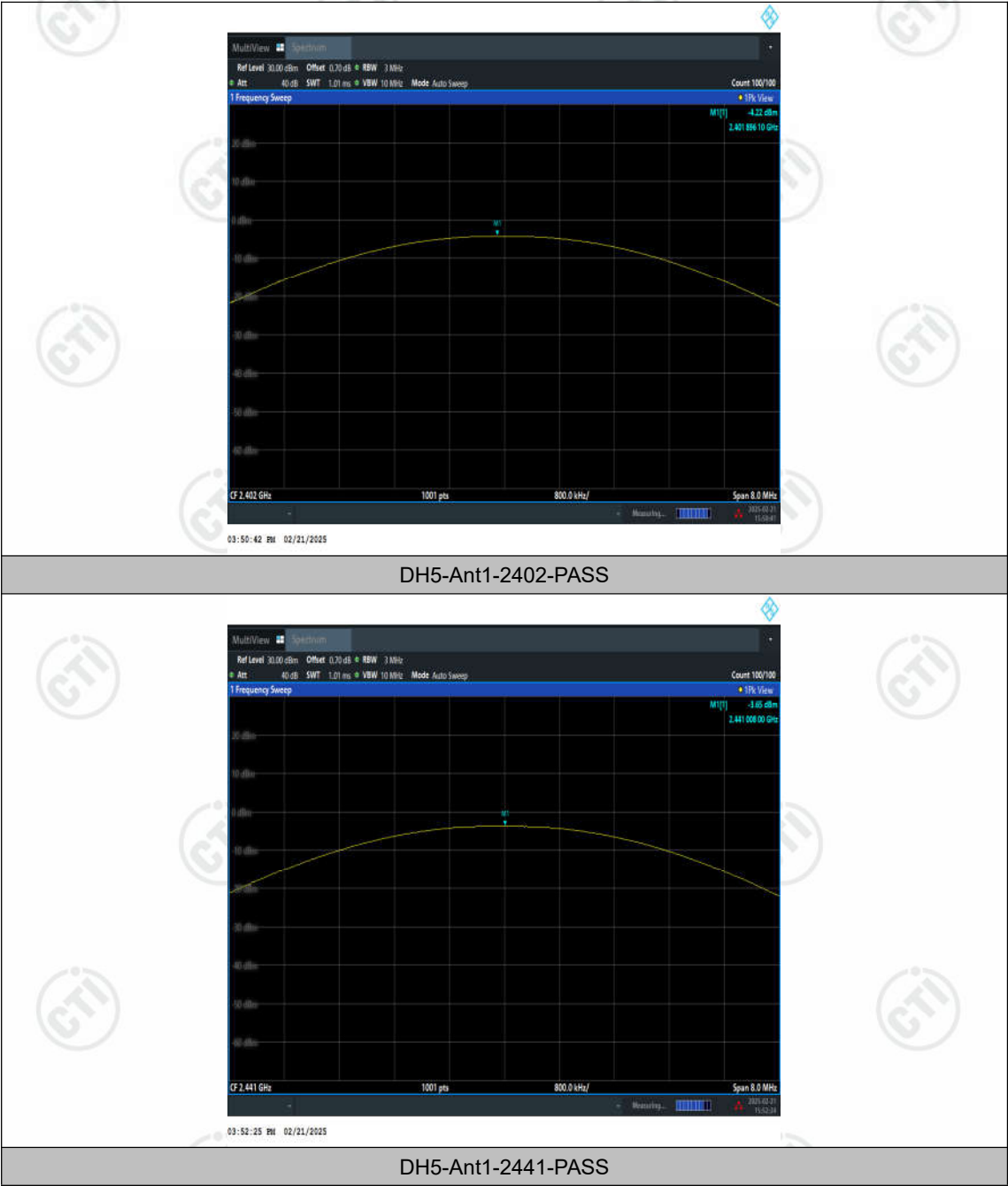


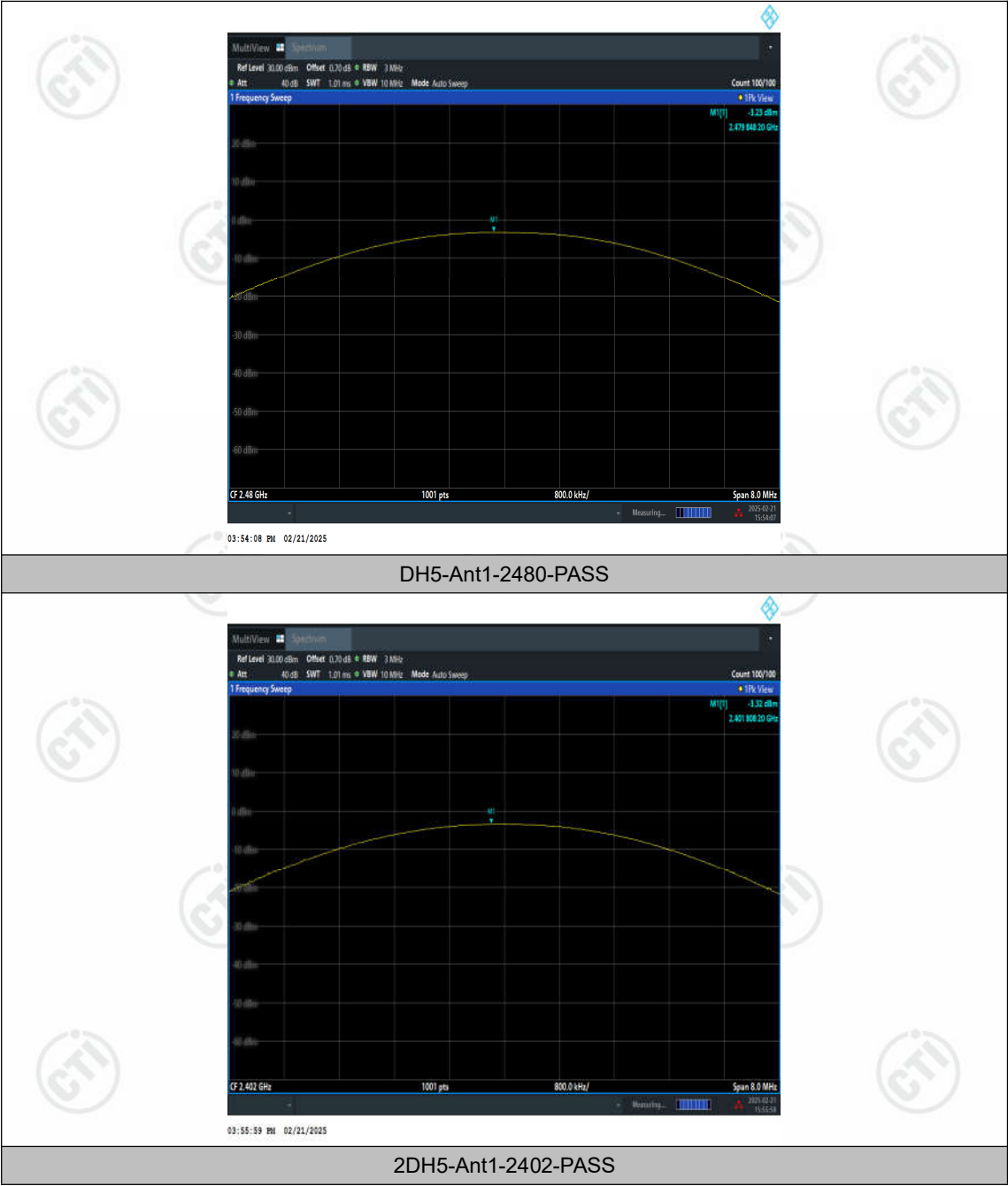
Appendix C: Maximum conducted output power

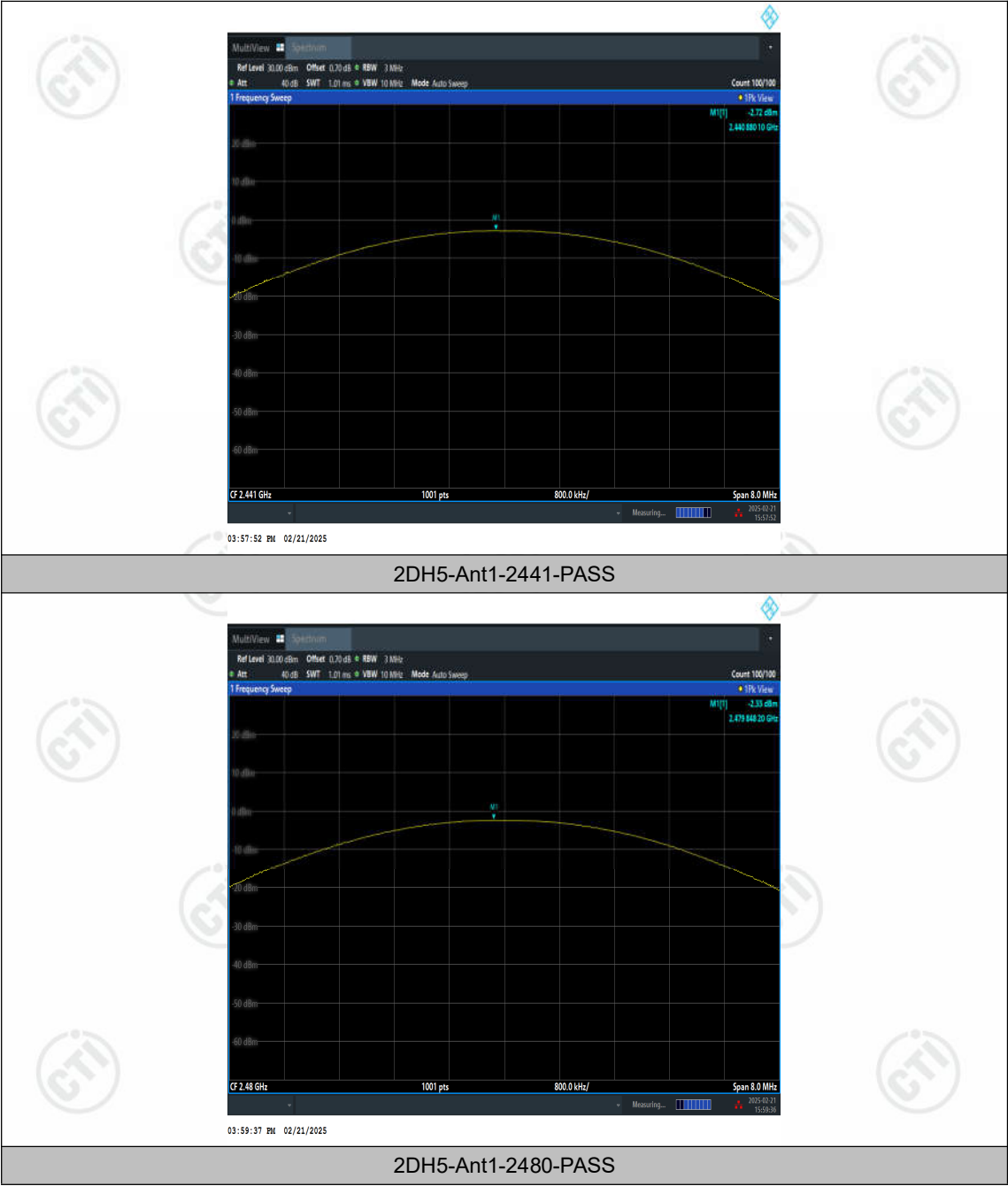
Test Result

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
DH5	Ant1	2402	-4.22	≤30	-4.80	≤36	PASS
DH5	Ant1	2441	-3.65	≤20.97	-4.23	≤36	PASS
DH5	Ant1	2480	-3.23	≤20.97	-3.81	≤36	PASS
2DH5	Ant1	2402	-3.32	≤30	-3.90	≤36	PASS
2DH5	Ant1	2441	-2.72	≤20.97	-3.30	≤36	PASS
2DH5	Ant1	2480	-2.33	≤20.97	-2.91	≤36	PASS

Test Graphs





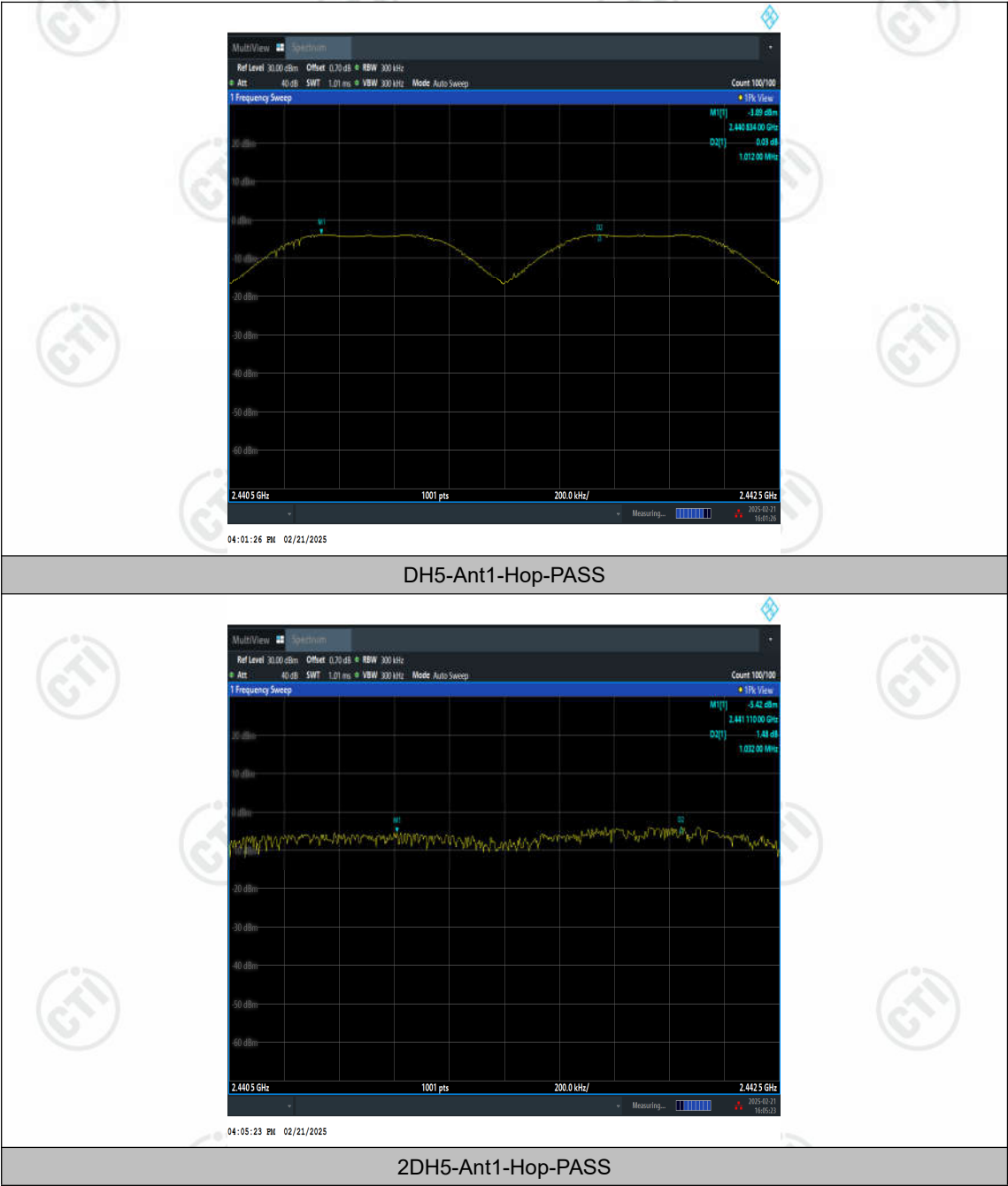


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.012	≥0.960	PASS
2DH5	Ant1	Hop	1.032	≥0.887	PASS

Test Graphs

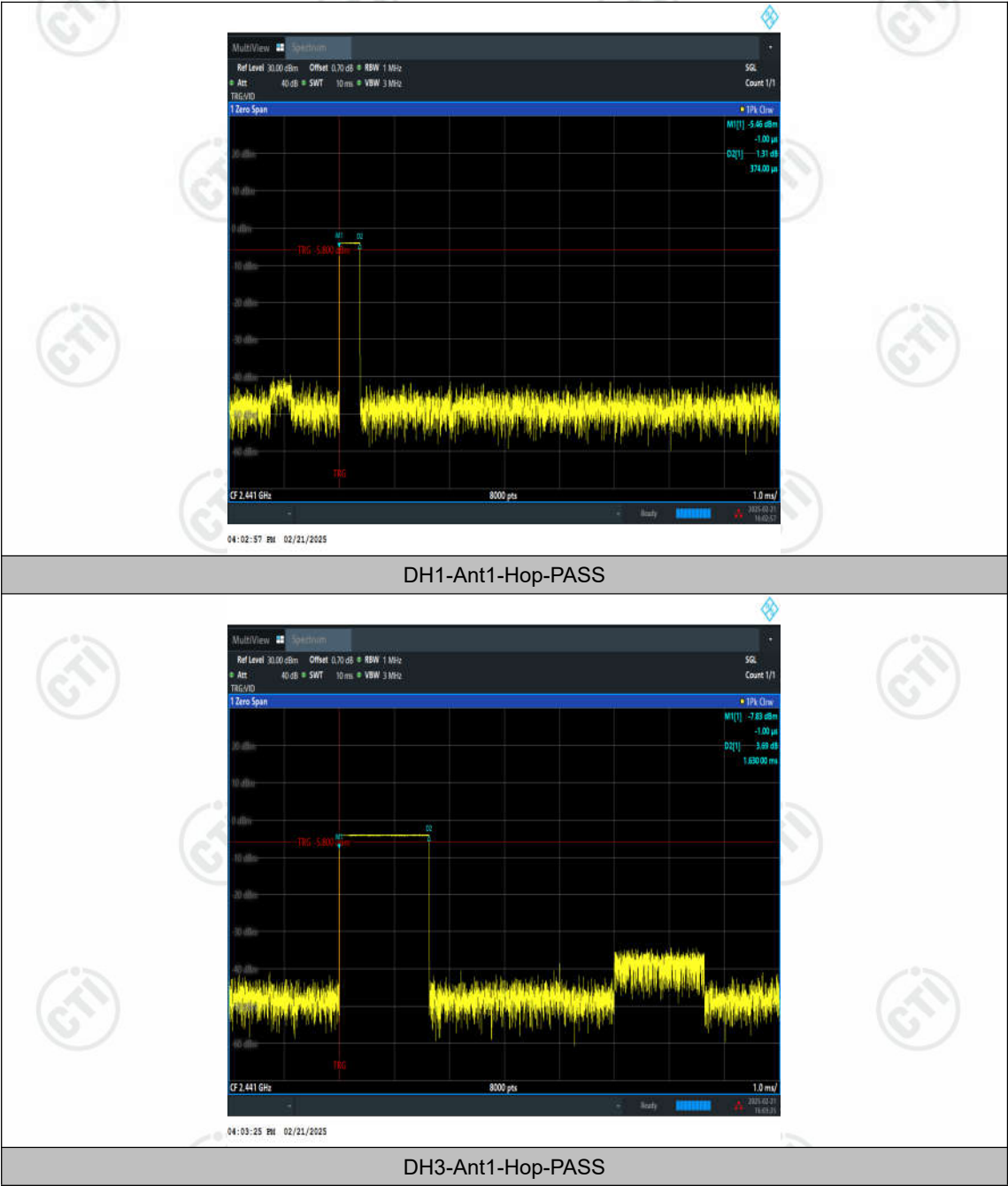


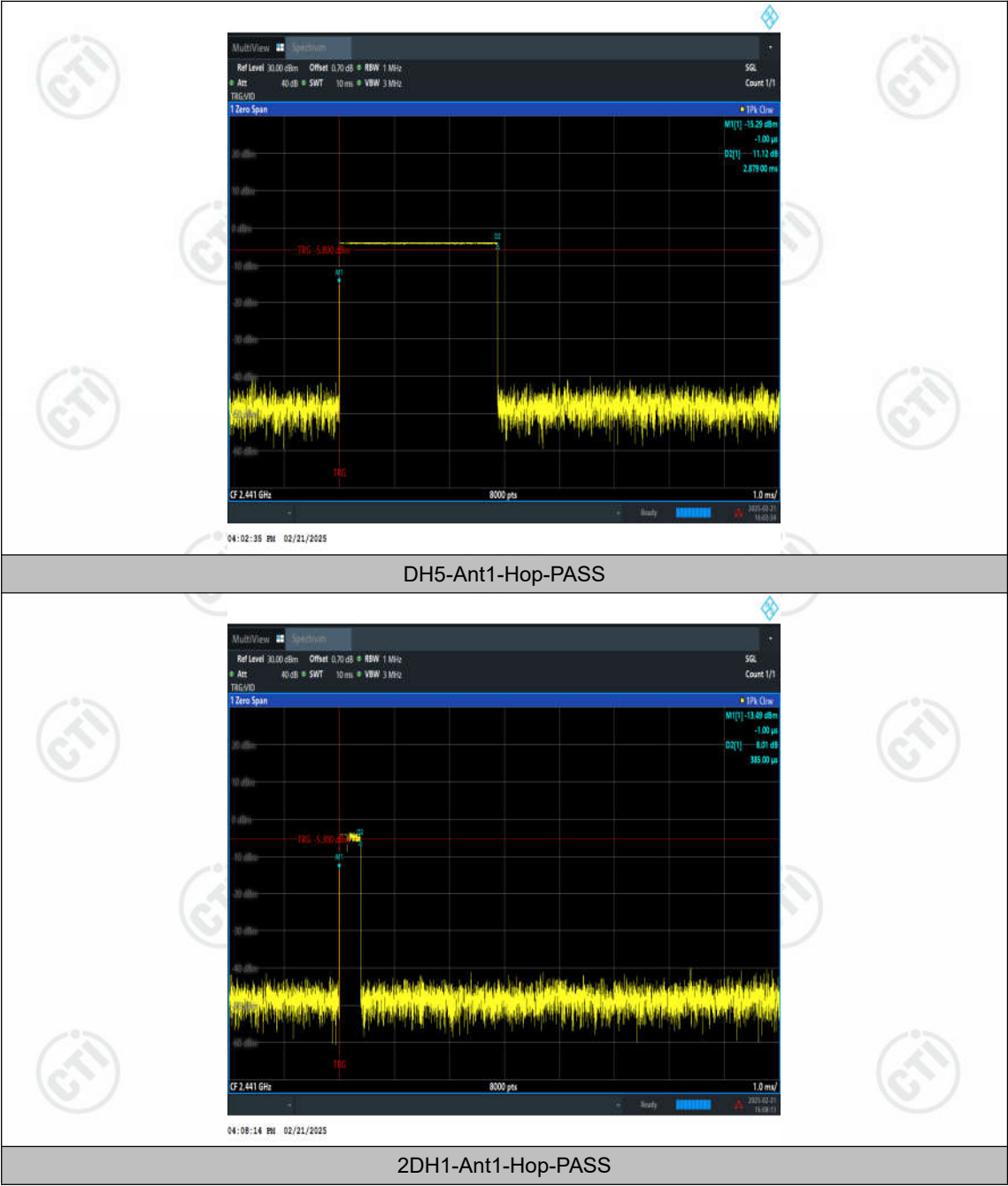
Appendix E: Time of occupancy

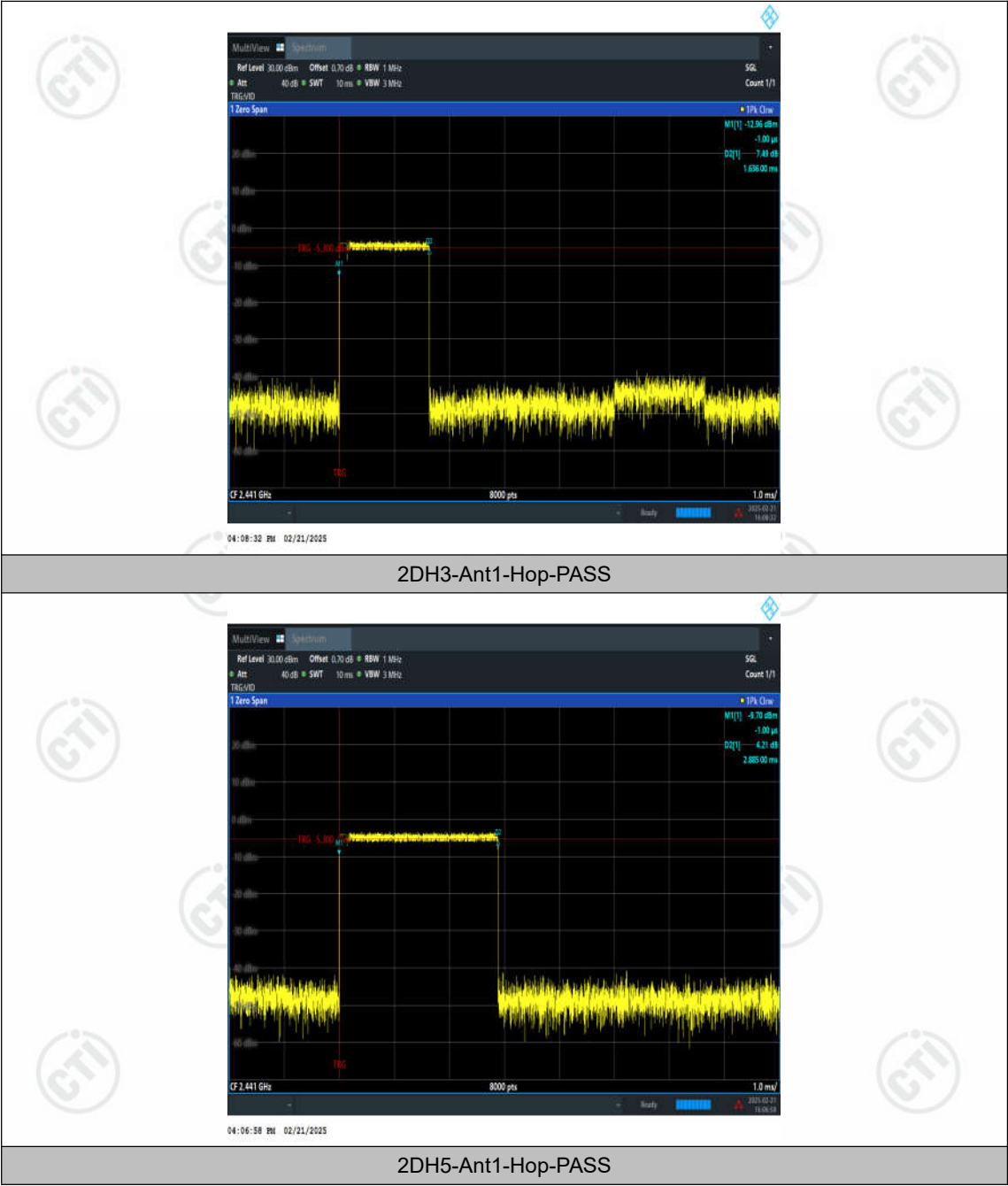
Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.374	320	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.630	160	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.879	106.67	0.307	≤0.4	PASS
2DH1	Ant1	Hop	0.385	320	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.636	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.885	106.67	0.308	≤0.4	PASS

Test Graphs





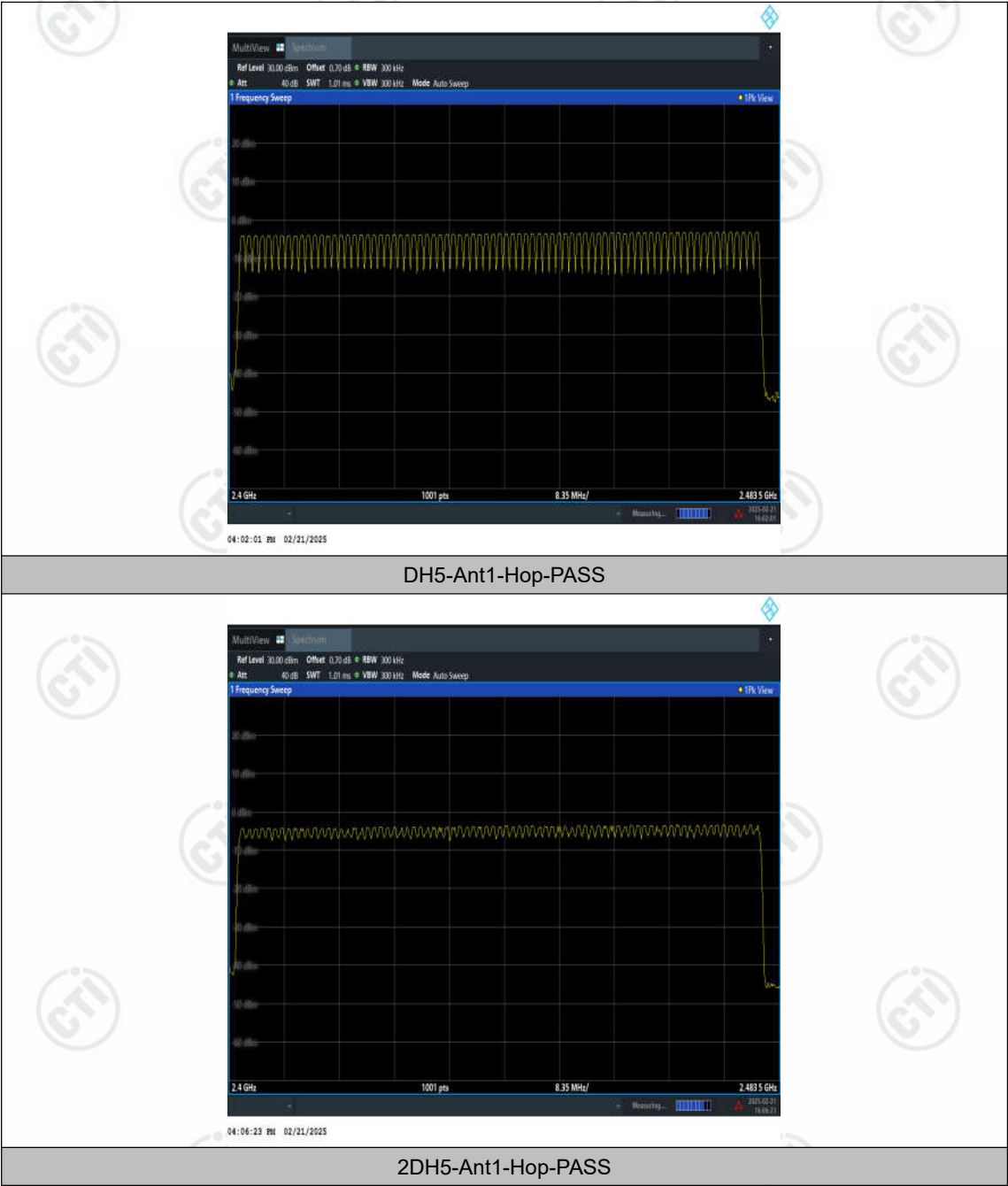


Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS

Test Graphs



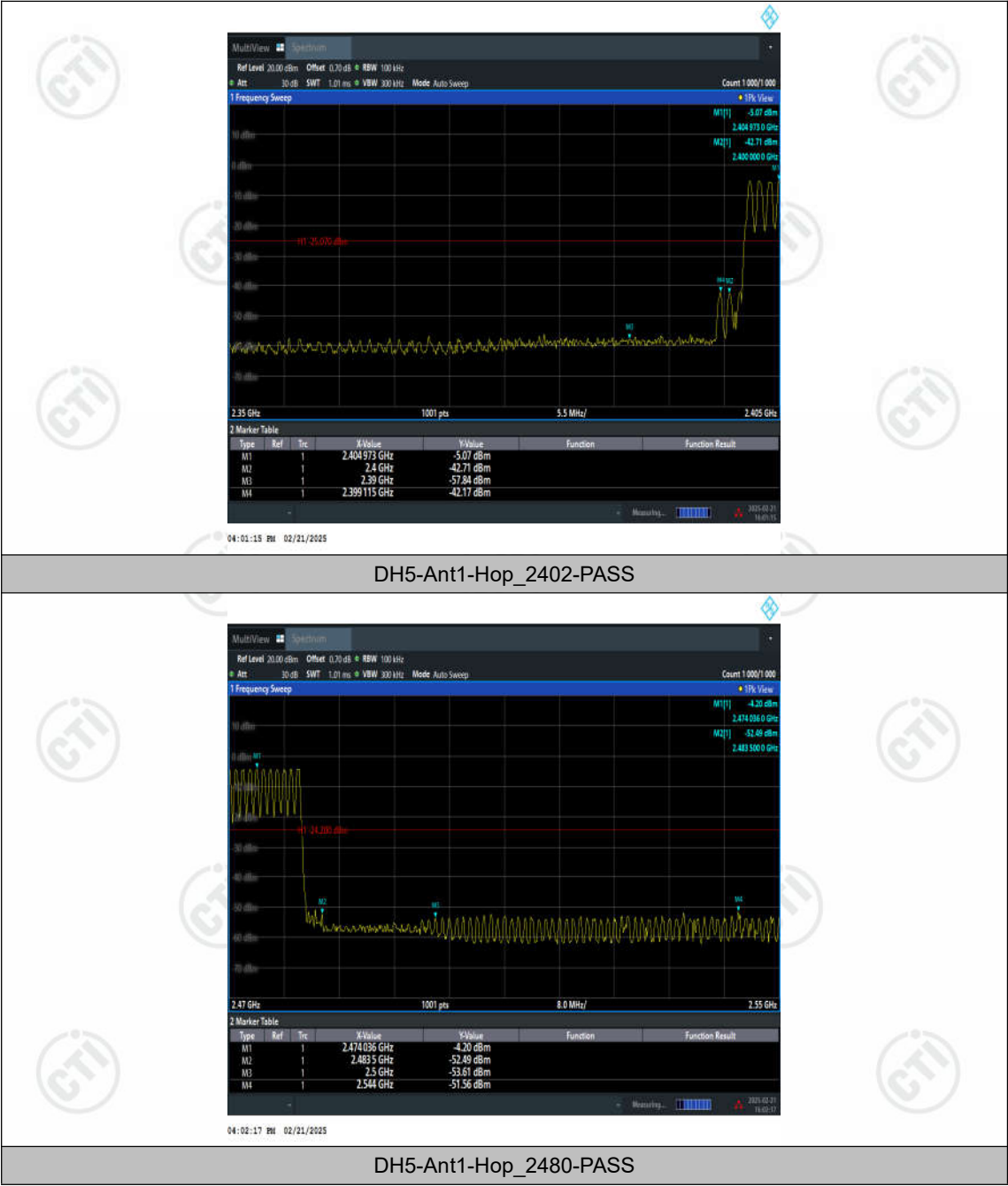
Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.54	-41.75	≤-24.54	PASS
DH5	Ant1	High	2480	-3.64	-50.2	≤-23.64	PASS
DH5	Ant1	Low	Hop_2402	-5.07	-42.17	≤-25.07	PASS
DH5	Ant1	High	Hop_2480	-4.20	-51.56	≤-24.2	PASS
2DH5	Ant1	Low	2402	-4.52	-41.83	≤-24.52	PASS
2DH5	Ant1	High	2480	-3.59	-50.36	≤-23.59	PASS
2DH5	Ant1	Low	Hop_2402	-4.52	-42.53	≤-24.52	PASS
2DH5	Ant1	High	Hop_2480	-3.59	-51.35	≤-23.59	PASS

Test Graphs







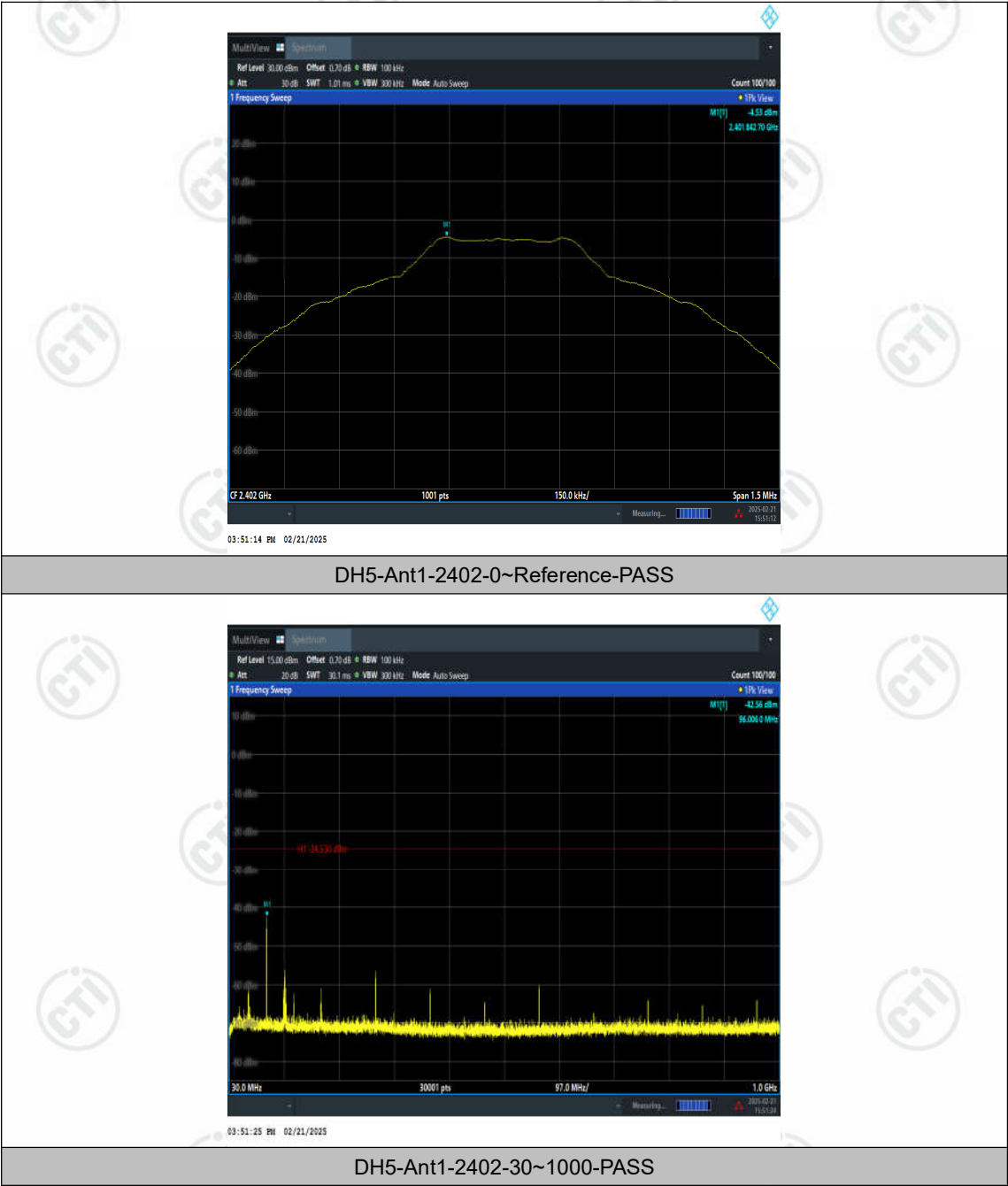


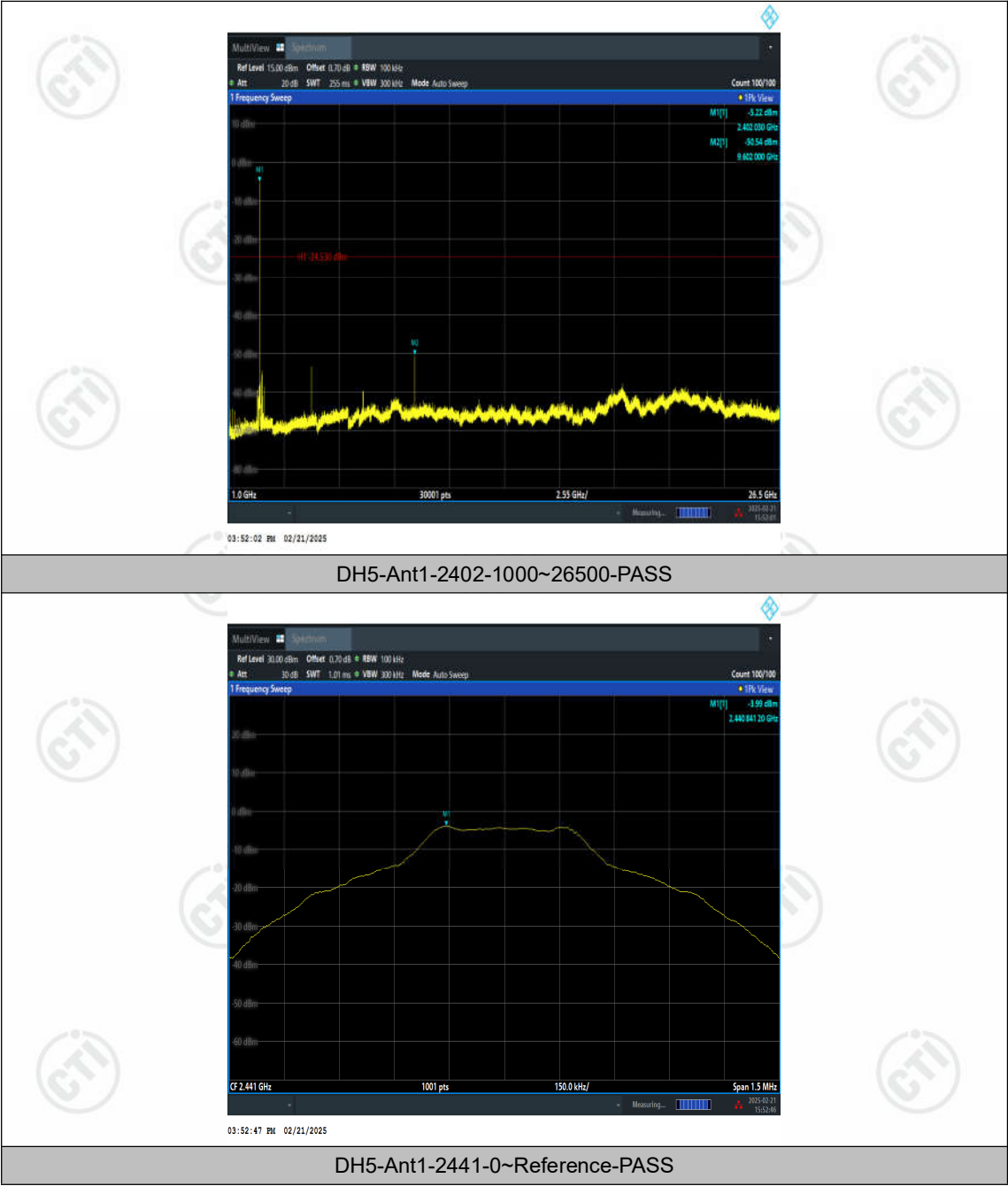
Appendix H: Conducted Spurious Emission

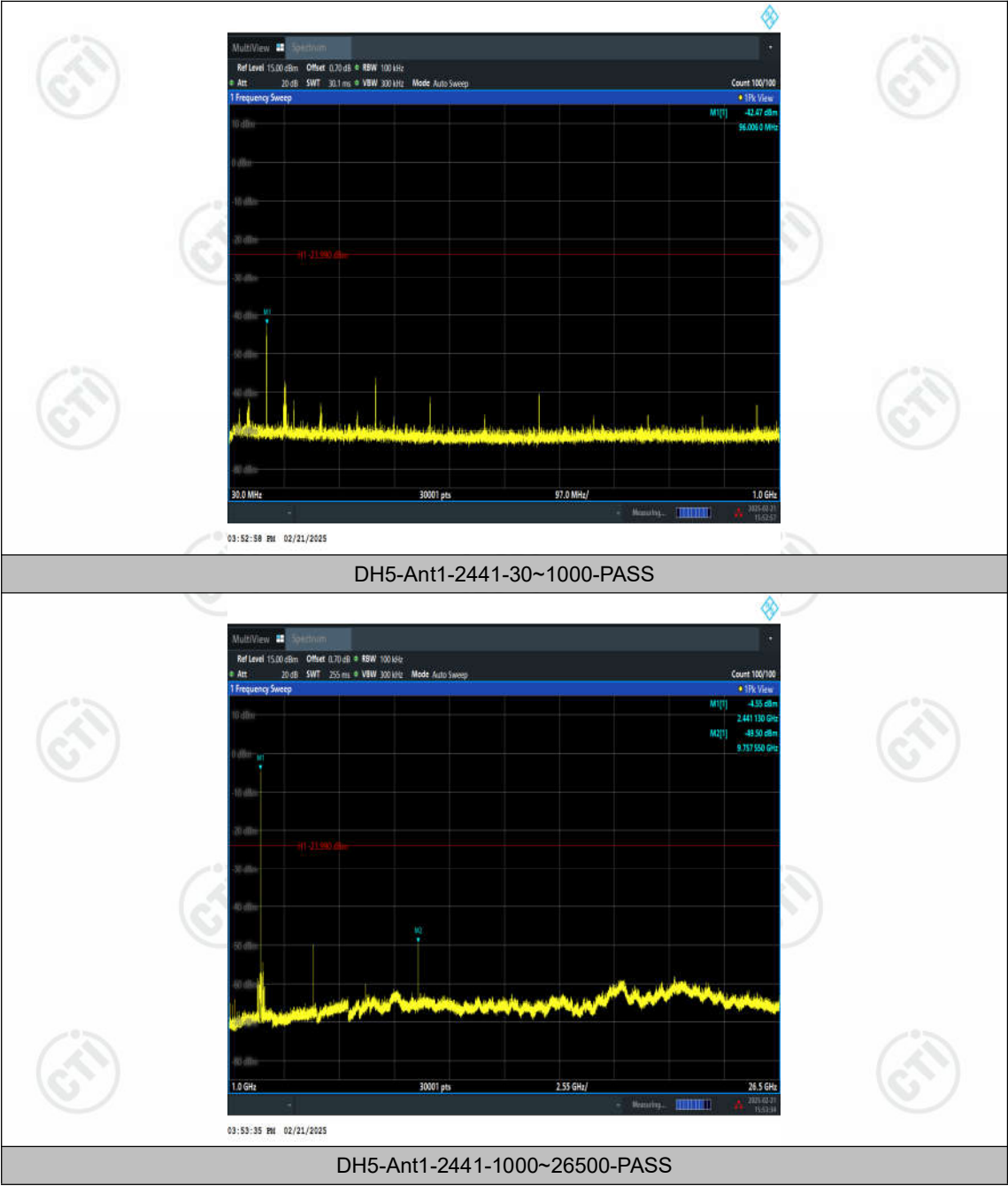
Test Result

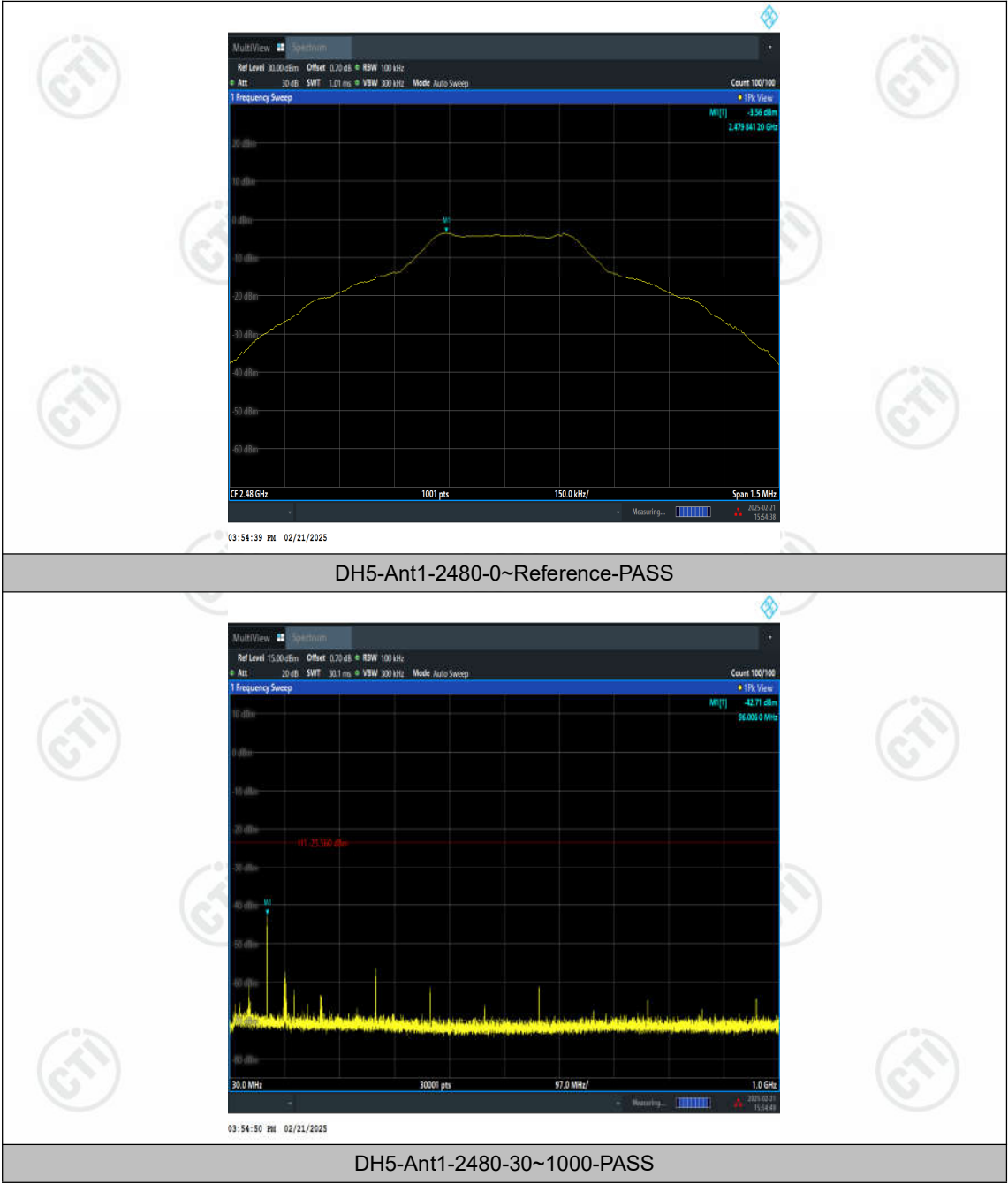
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-4.53	-4.53	---	PASS
DH5	Ant1	2402	30~1000	-4.53	-42.56	≤-24.53	PASS
DH5	Ant1	2402	1000~26500	-4.53	-50.54	≤-24.53	PASS
DH5	Ant1	2441	0~Reference	-3.99	-3.99	---	PASS
DH5	Ant1	2441	30~1000	-3.99	-42.47	≤-23.99	PASS
DH5	Ant1	2441	1000~26500	-3.99	-49.5	≤-23.99	PASS
DH5	Ant1	2480	0~Reference	-3.56	-3.56	---	PASS
DH5	Ant1	2480	30~1000	-3.56	-42.71	≤-23.56	PASS
DH5	Ant1	2480	1000~26500	-3.56	-46.63	≤-23.56	PASS
2DH5	Ant1	2402	0~Reference	-4.52	-4.52	---	PASS
2DH5	Ant1	2402	30~1000	-4.52	-42.36	≤-24.52	PASS
2DH5	Ant1	2402	1000~26500	-4.52	-49.15	≤-24.52	PASS
2DH5	Ant1	2441	0~Reference	-3.99	-3.99	---	PASS
2DH5	Ant1	2441	30~1000	-3.99	-42.74	≤-23.99	PASS
2DH5	Ant1	2441	1000~26500	-3.99	-48.78	≤-23.99	PASS
2DH5	Ant1	2480	0~Reference	-3.56	-3.56	---	PASS
2DH5	Ant1	2480	30~1000	-3.56	-42.55	≤-23.56	PASS
2DH5	Ant1	2480	1000~26500	-3.56	-49.99	≤-23.56	PASS

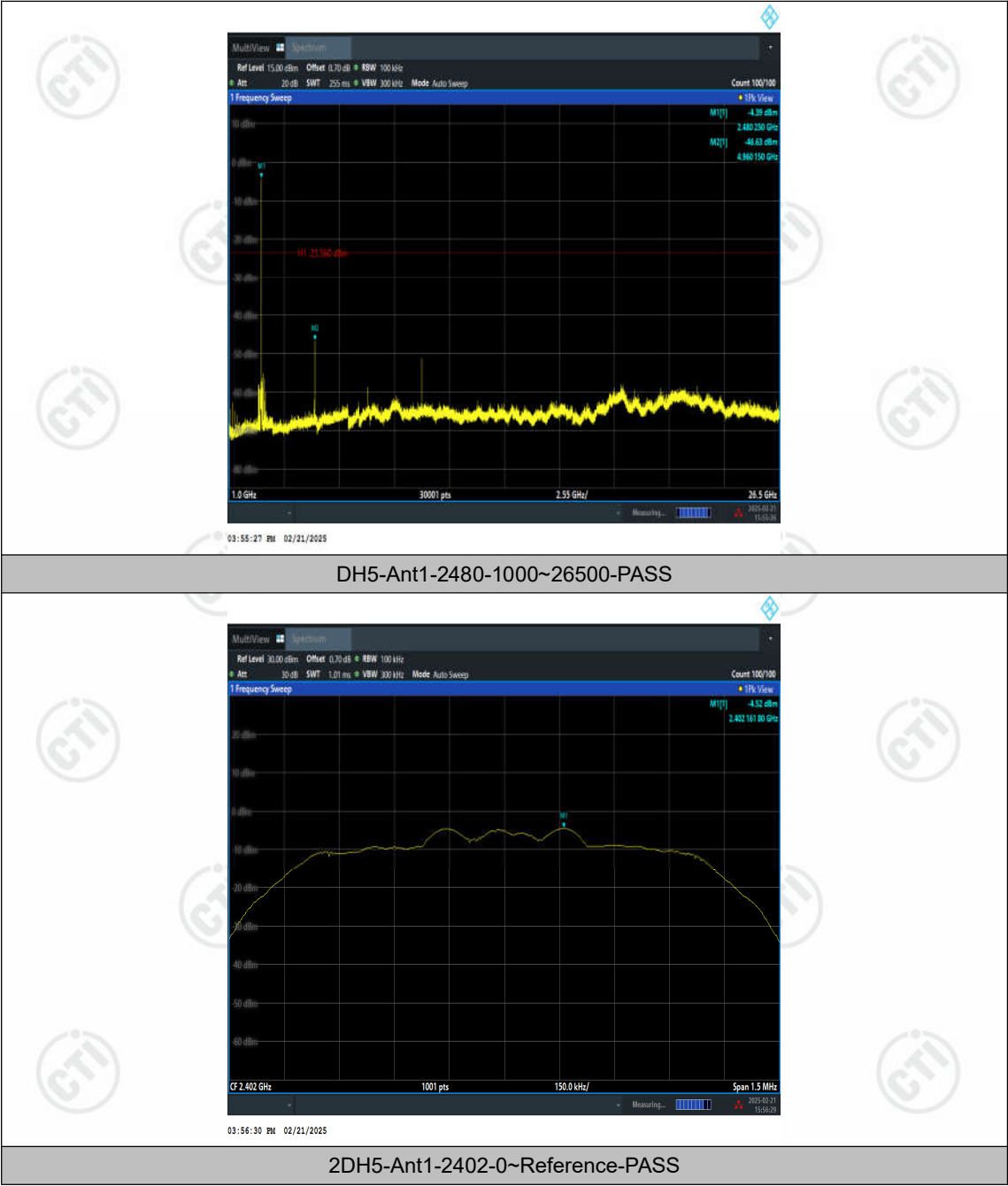
Test Graphs

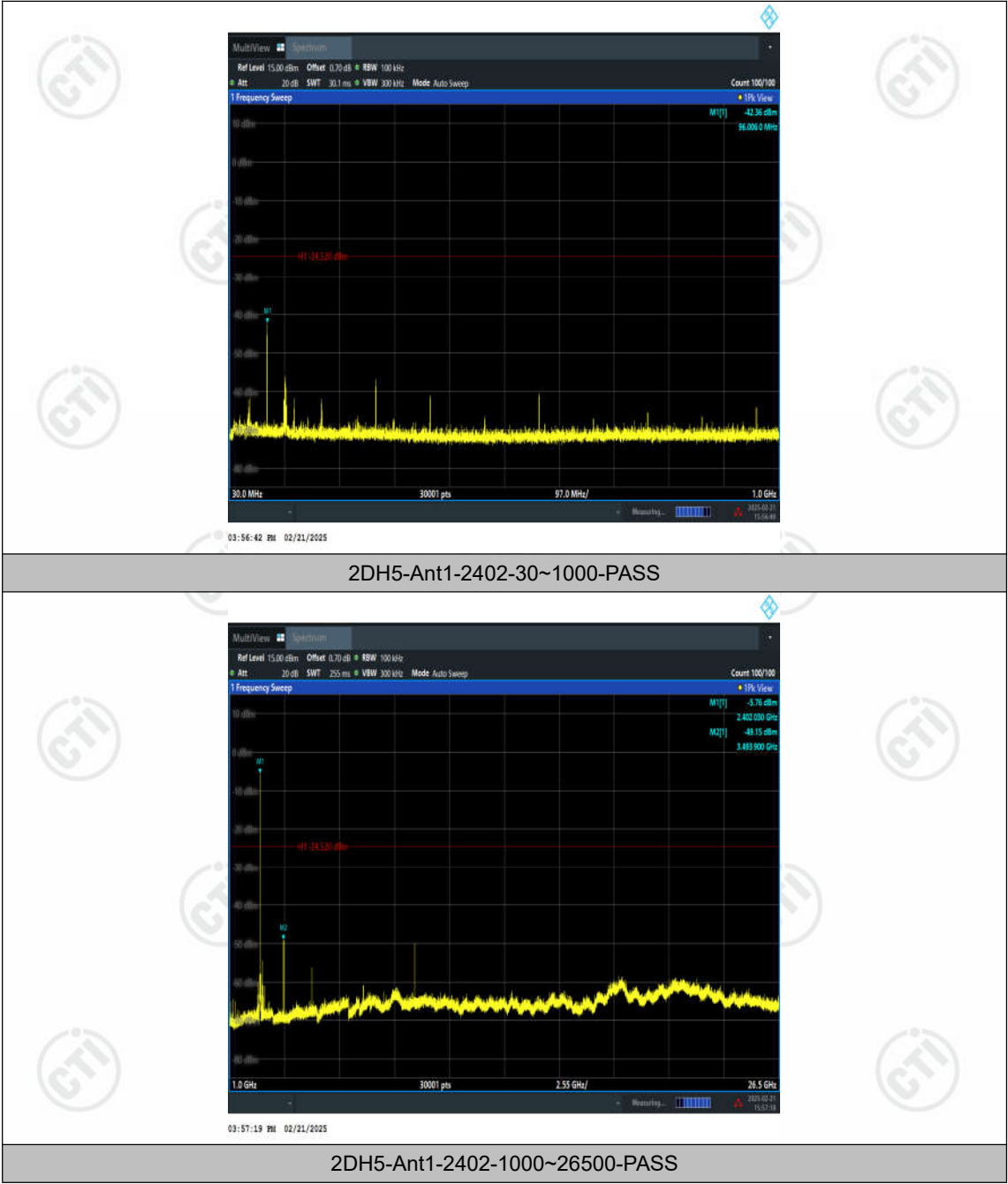


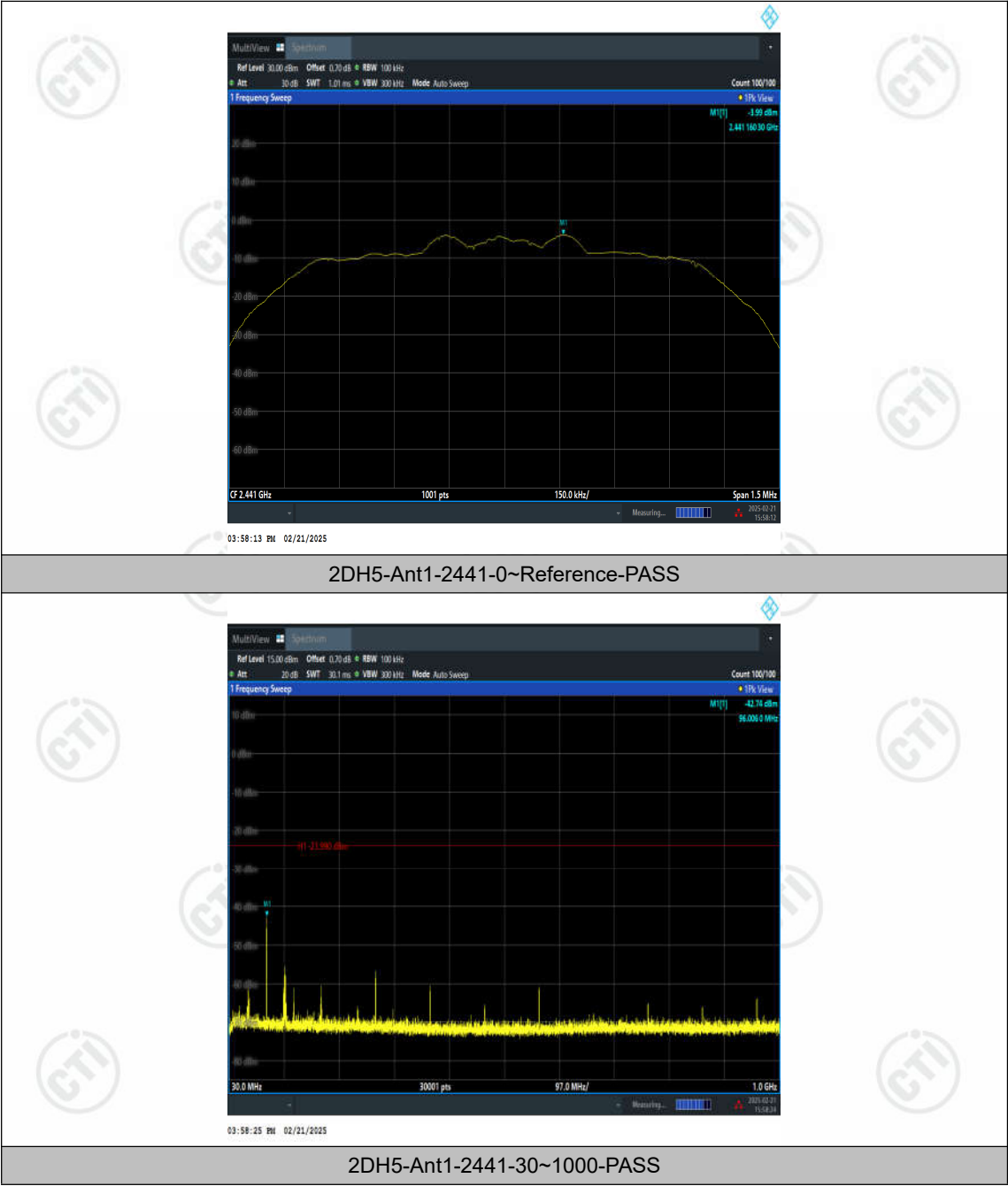


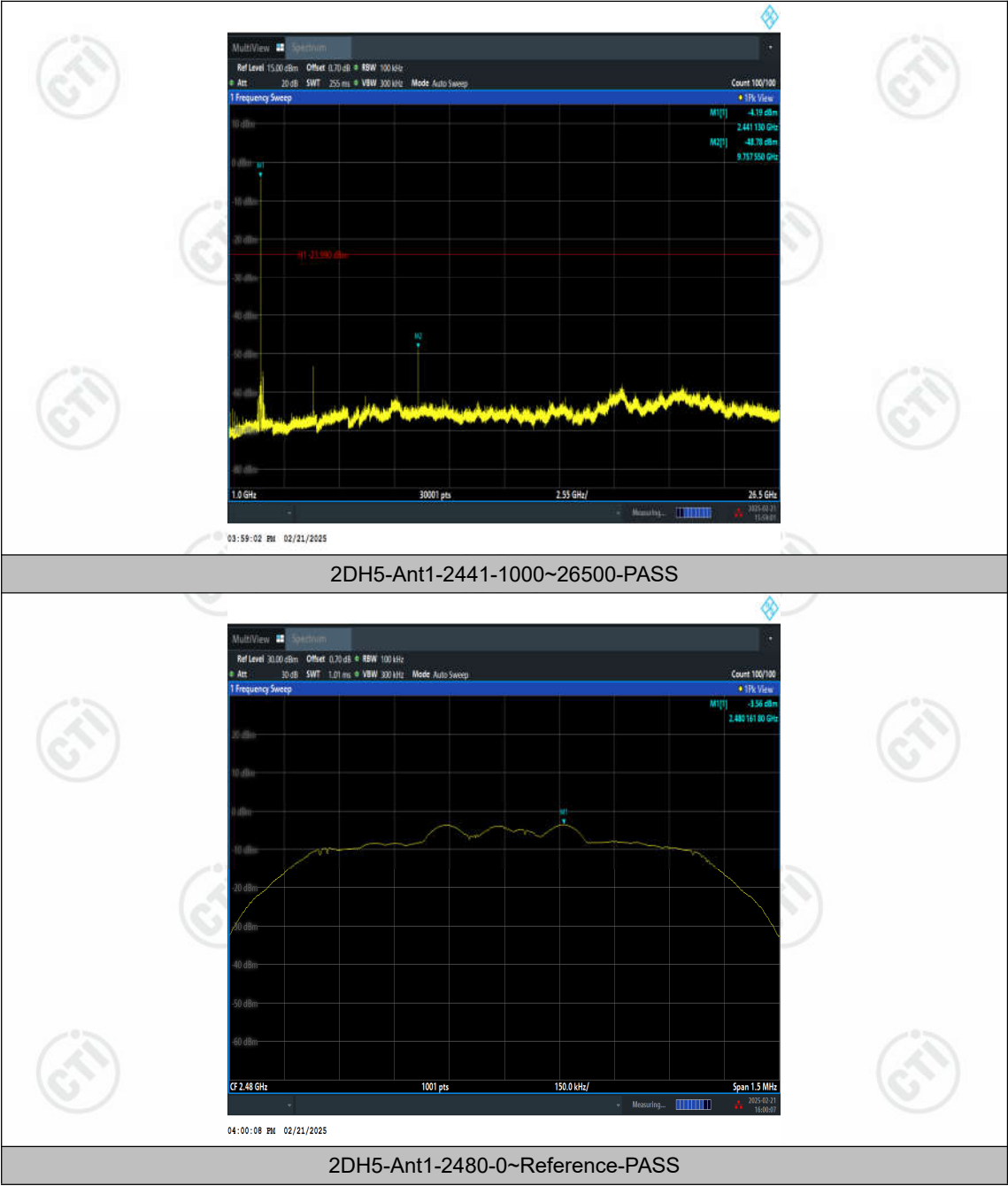


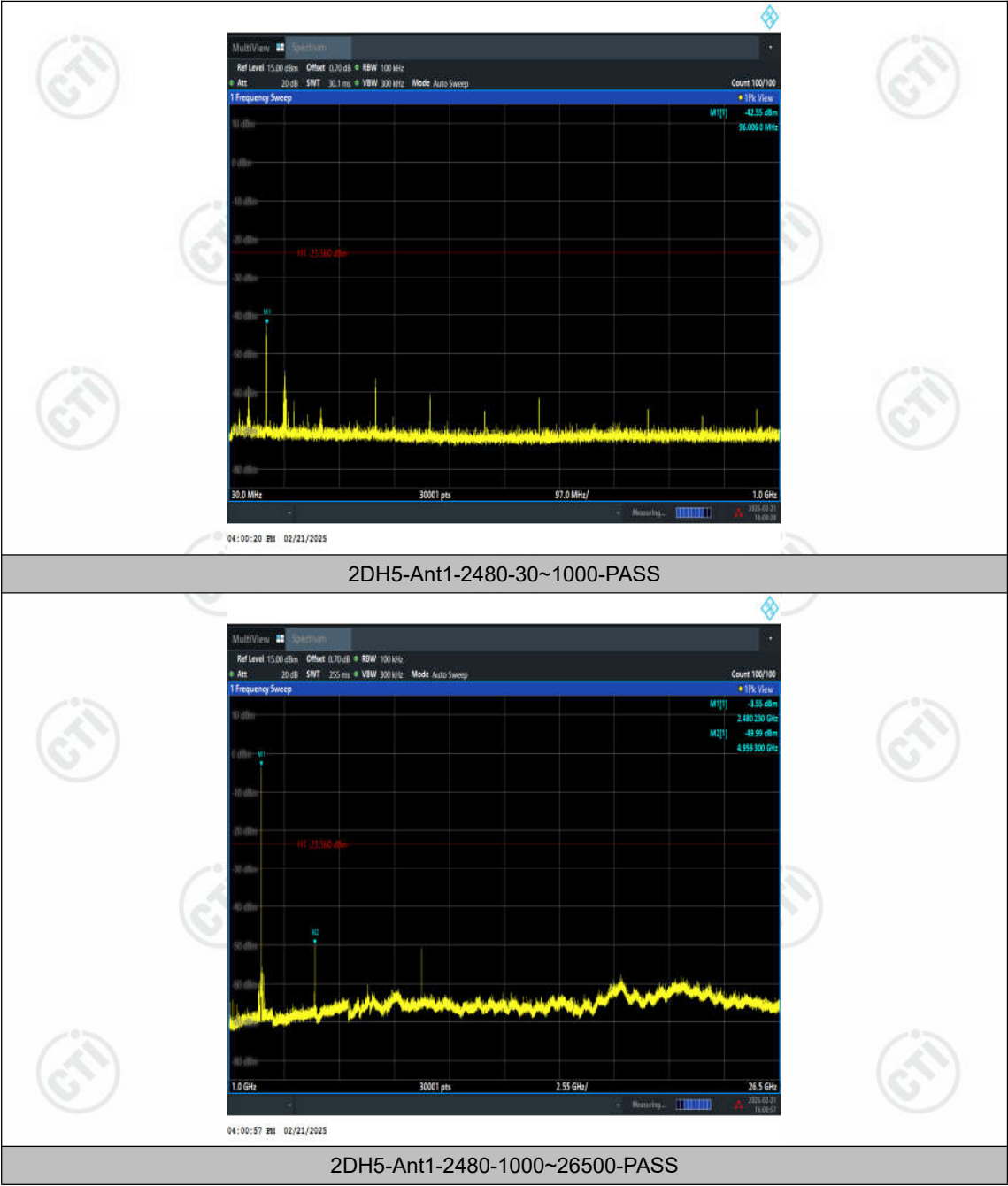












Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.89	3.76	76.86	1.14
2DH5	Ant1	2441	2.89	3.76	76.86	1.14
2DH5	Ant1	2480	2.89	3.75	77.07	1.13

Test Graphs







*** End of Report ***