

Appendix: Bluetooth Classic

Contents

Appendix A: 20dB Emission Bandwidth	3
Test Result	3
Test Graphs	4
Appendix B: Occupied Channel Bandwidth	9
Test Result	9
Test Graphs	10
Appendix C: Maximum conducted output power	15
Test Result Peak	15
Test Graphs	16
Appendix D: Carrier frequency separation	21
Test Result	21
Test Graphs	22
Appendix E: Time of occupancy	24
Test Result	24
Test Graphs	25
Appendix F: Number of hopping channels	30
Test Result	30
Test Graphs	31
Appendix G: Band edge measurements	33
Test Result	33
Test Graphs	34
Appendix H: Conducted Spurious Emission	40
Test Result	40
Test Graphs	41
Appendix I: Duty Cycle	55
Test Result	55
Test Graphs	56

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95	2401.52	2402.47	---	---
DH5	Ant1	2441	0.95	2440.52	2441.47	---	---
DH5	Ant1	2480	0.95	2479.52	2480.47	---	---
2DH5	Ant1	2402	1.33	2401.32	2402.65	---	---
2DH5	Ant1	2441	1.33	2440.32	2441.65	---	---
2DH5	Ant1	2480	1.34	2479.31	2480.65	---	---
3DH5	Ant1	2402	1.31	2401.33	2402.64	---	---
3DH5	Ant1	2441	1.31	2440.33	2441.64	---	---
3DH5	Ant1	2480	1.31	2479.32	2480.63	---	---

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	0.84300	2401.5600	2402.4030	---	---
DH5	Ant1	2441	0.85795	2440.5497	2441.4077	---	---
DH5	Ant1	2480	0.86201	2479.5539	2480.4159	---	---
2DH5	Ant1	2402	1.1887	2401.3917	2402.5804	---	---
2DH5	Ant1	2441	1.1938	2440.3839	2441.5776	---	---
2DH5	Ant1	2480	1.2063	2479.3769	2480.5832	---	---
3DH5	Ant1	2402	1.1835	2401.3961	2402.5796	---	---
3DH5	Ant1	2441	1.1972	2440.3809	2441.5781	---	---
3DH5	Ant1	2480	1.2106	2479.3691	2480.5796	---	---

Test Graphs











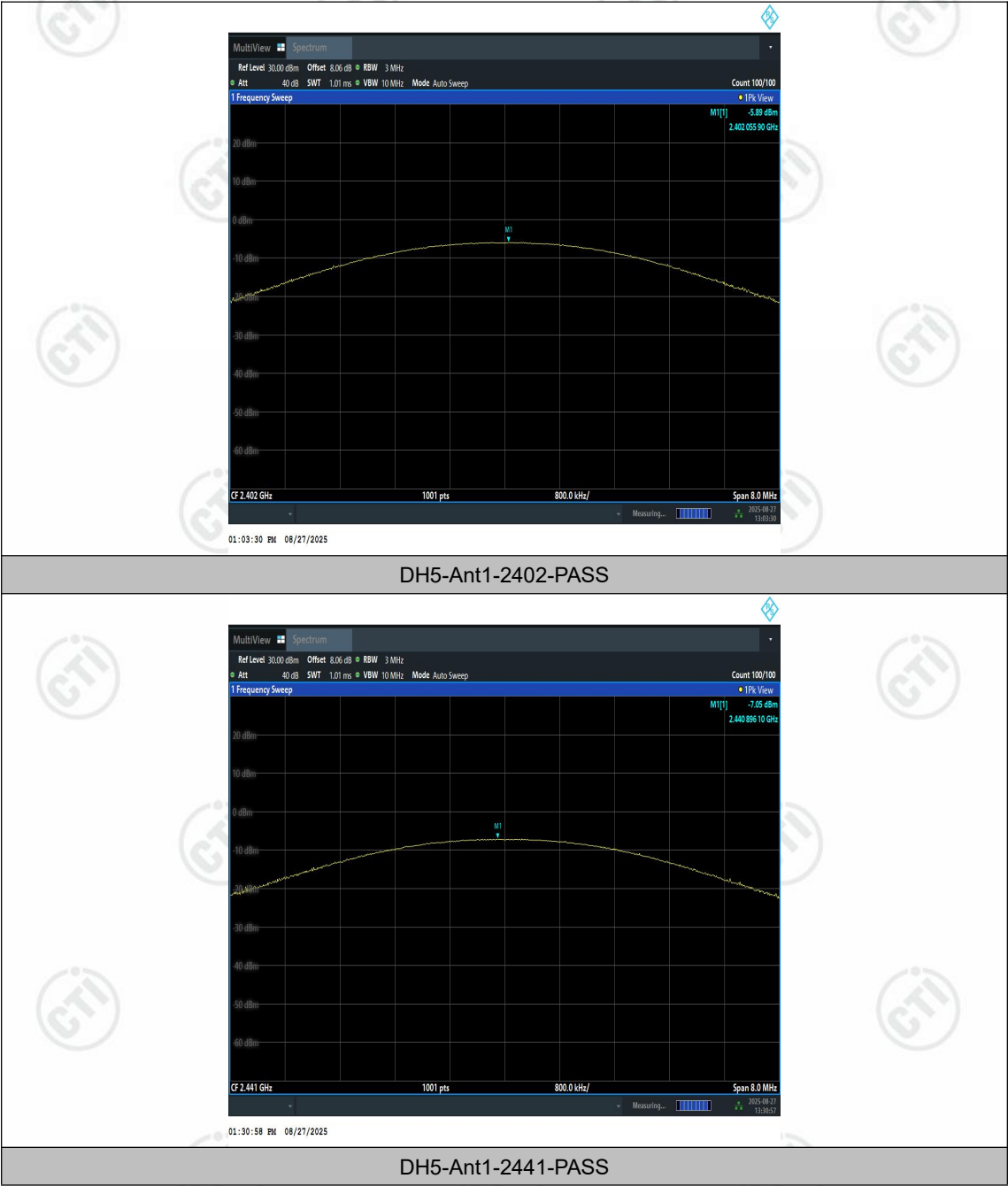
3DH5-Ant1-2480

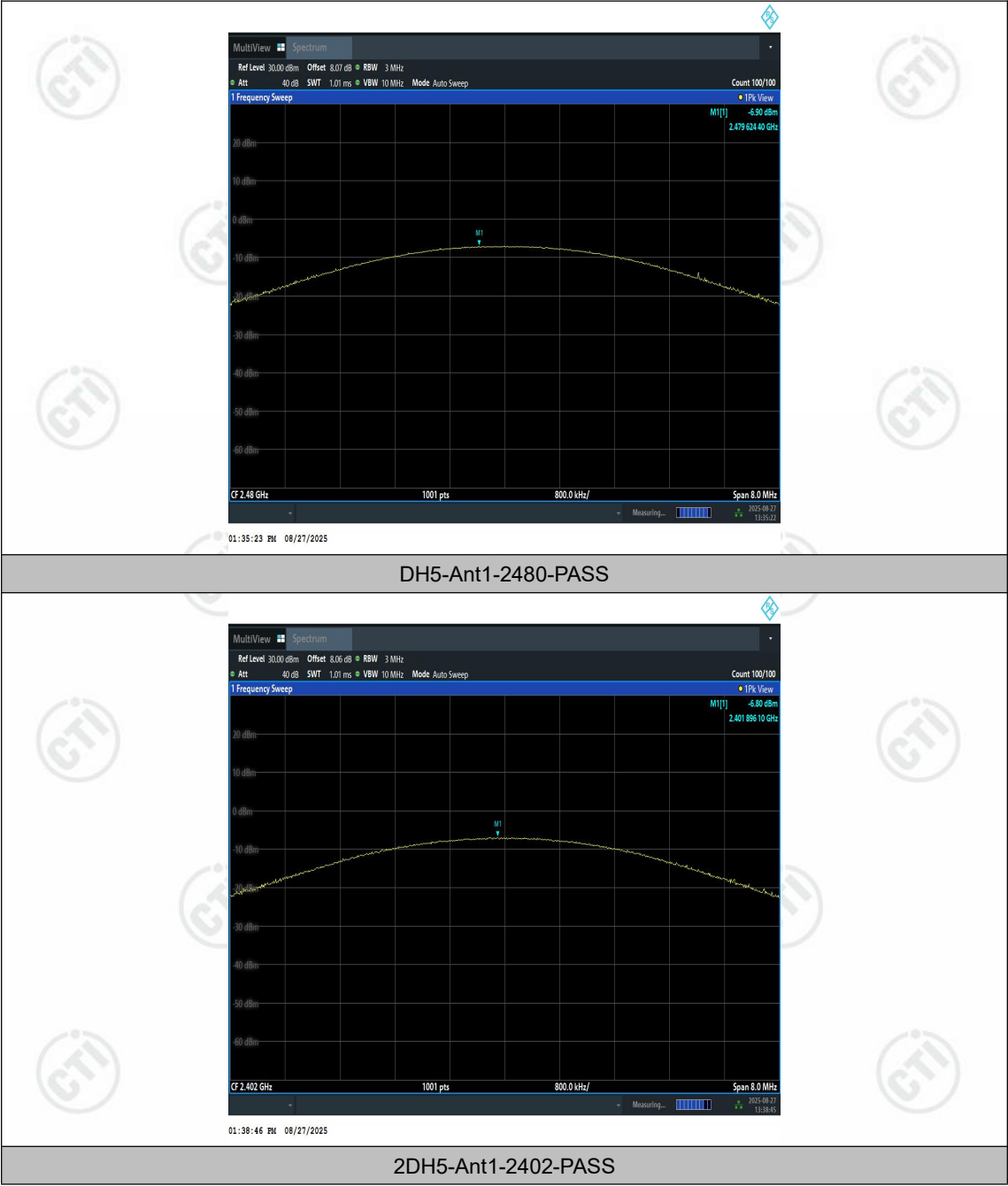
Appendix C: Maximum conducted output power

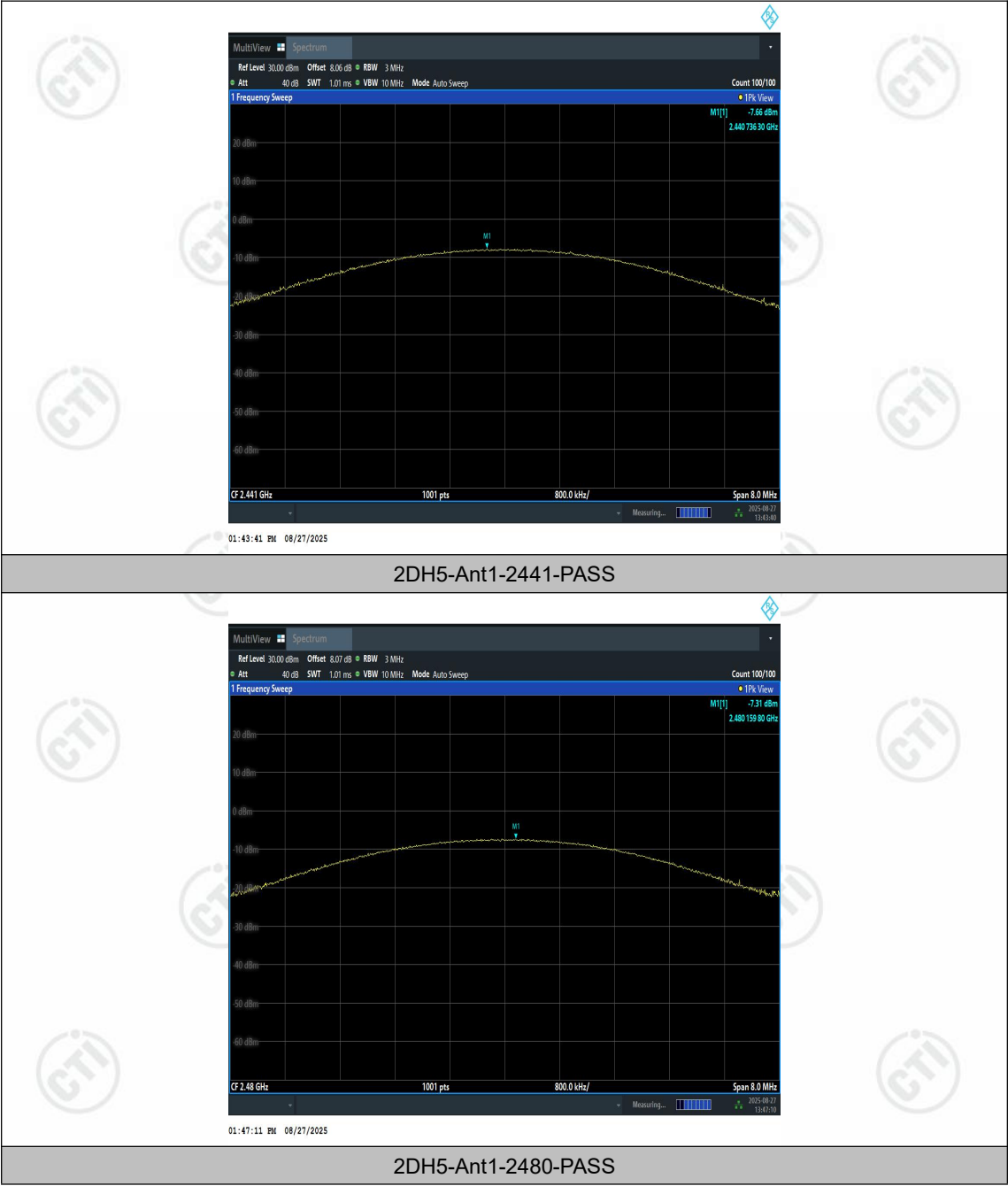
Test Result Peak

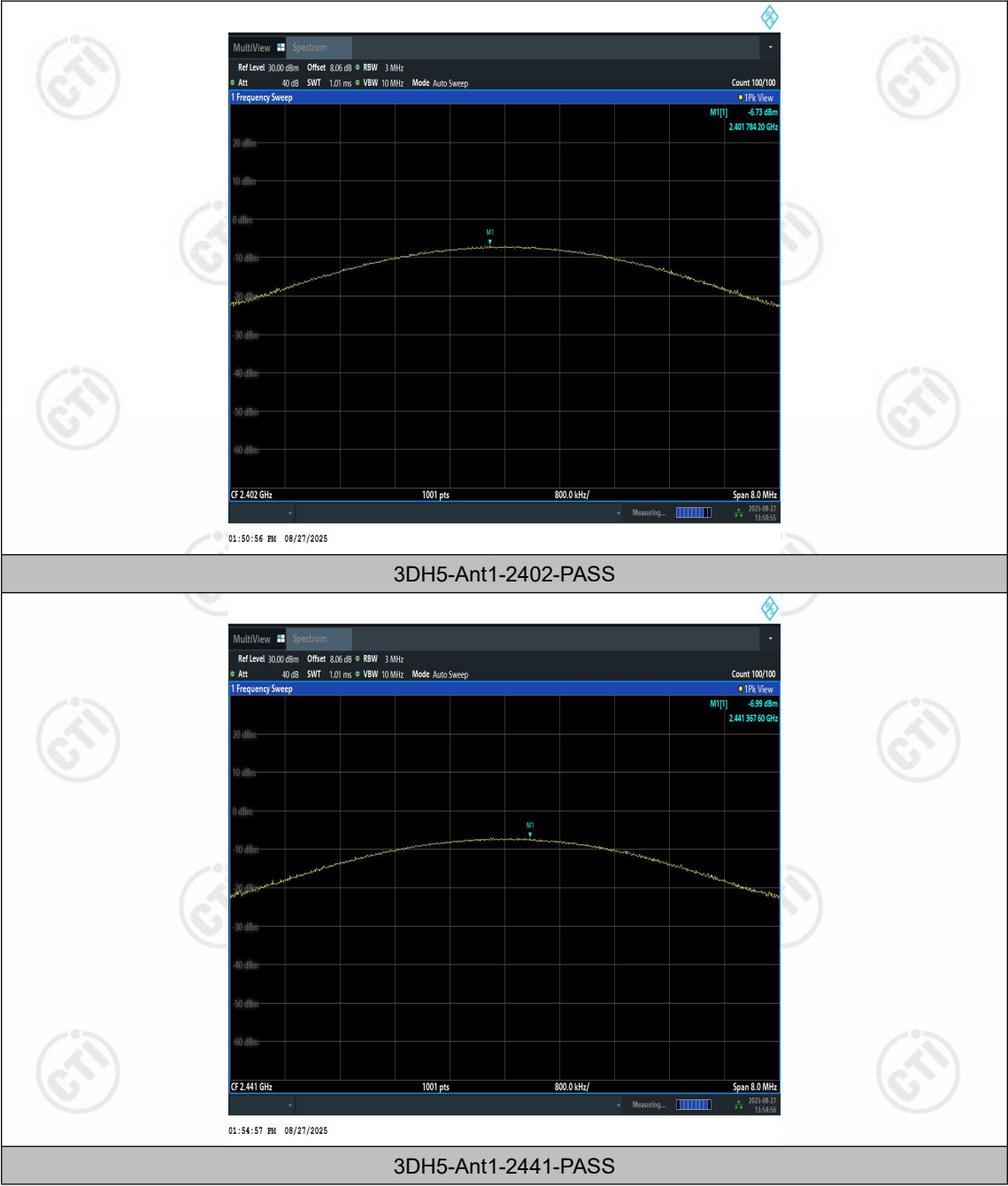
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-5.89	≤20.97	PASS
DH5	Ant1	2441	-7.05	≤20.97	PASS
DH5	Ant1	2480	-6.90	≤20.97	PASS
2DH5	Ant1	2402	-6.80	≤20.97	PASS
2DH5	Ant1	2441	-7.66	≤20.97	PASS
2DH5	Ant1	2480	-7.31	≤20.97	PASS
3DH5	Ant1	2402	-6.73	≤20.97	PASS
3DH5	Ant1	2441	-6.99	≤20.97	PASS
3DH5	Ant1	2480	-6.84	≤20.97	PASS

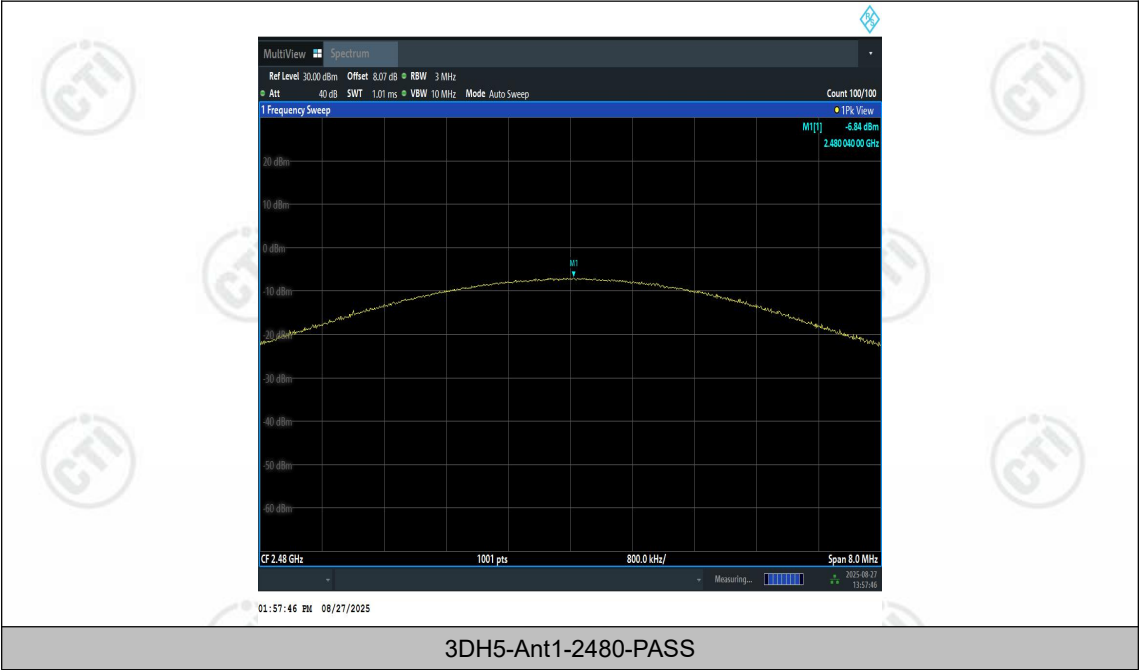
Test Graphs









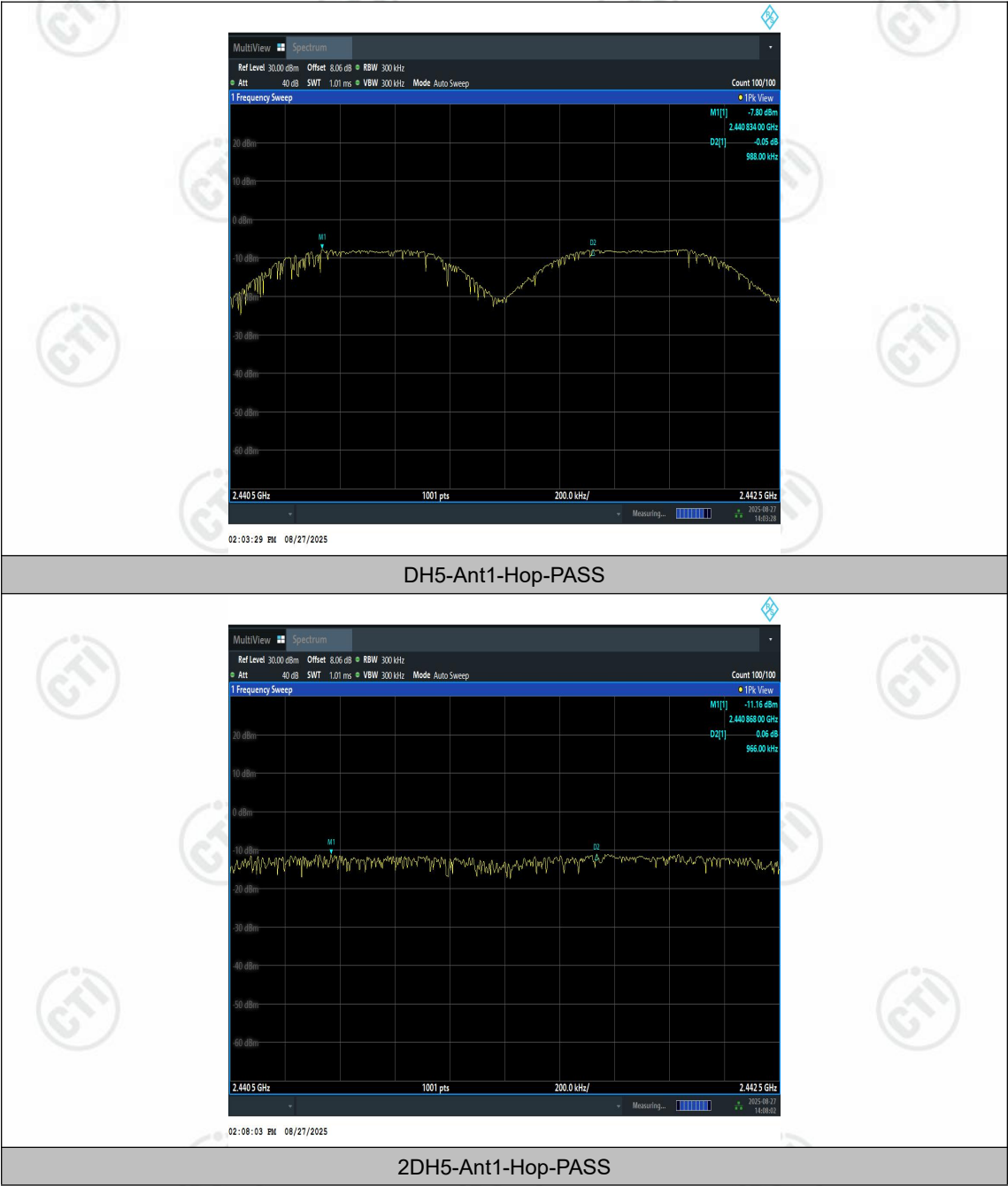


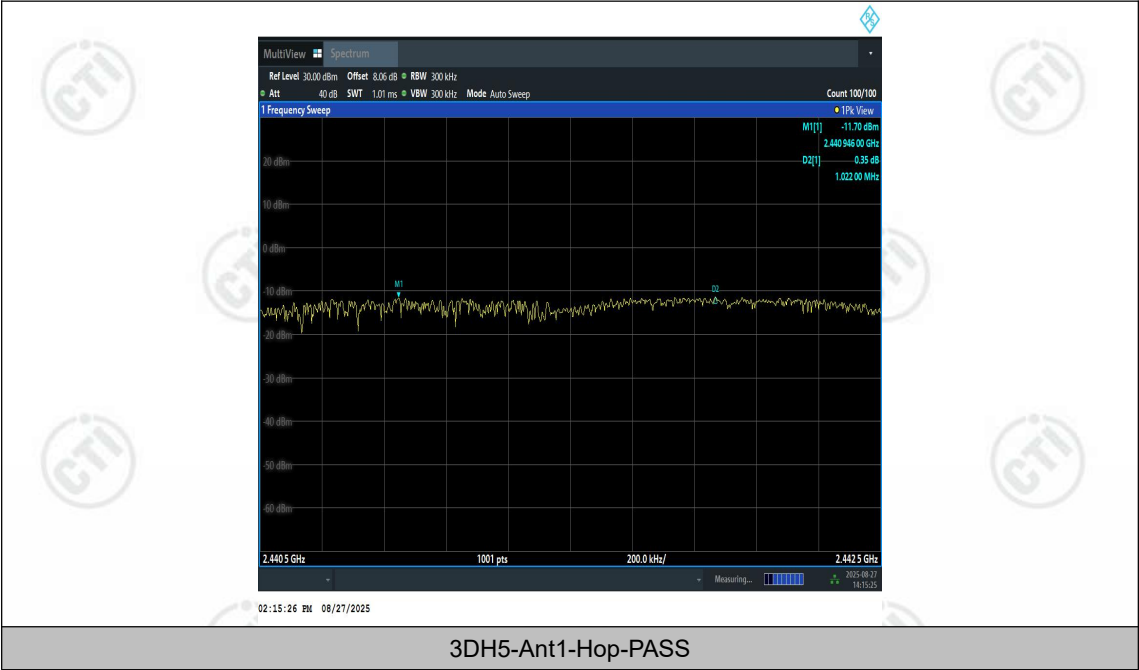
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.988	≥0.950	PASS
2DH5	Ant1	Hop	0.966	≥0.893	PASS
3DH5	Ant1	Hop	1.022	≥0.873	PASS

Test Graphs





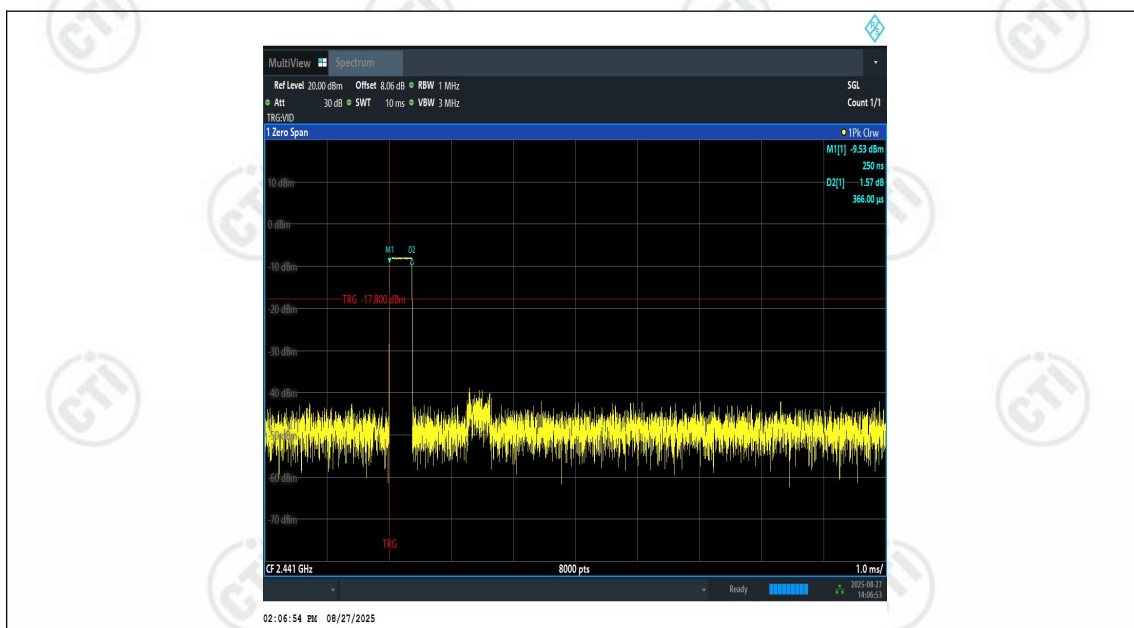
3DH5-Ant1-Hop-PASS

Appendix E: Time of occupancy

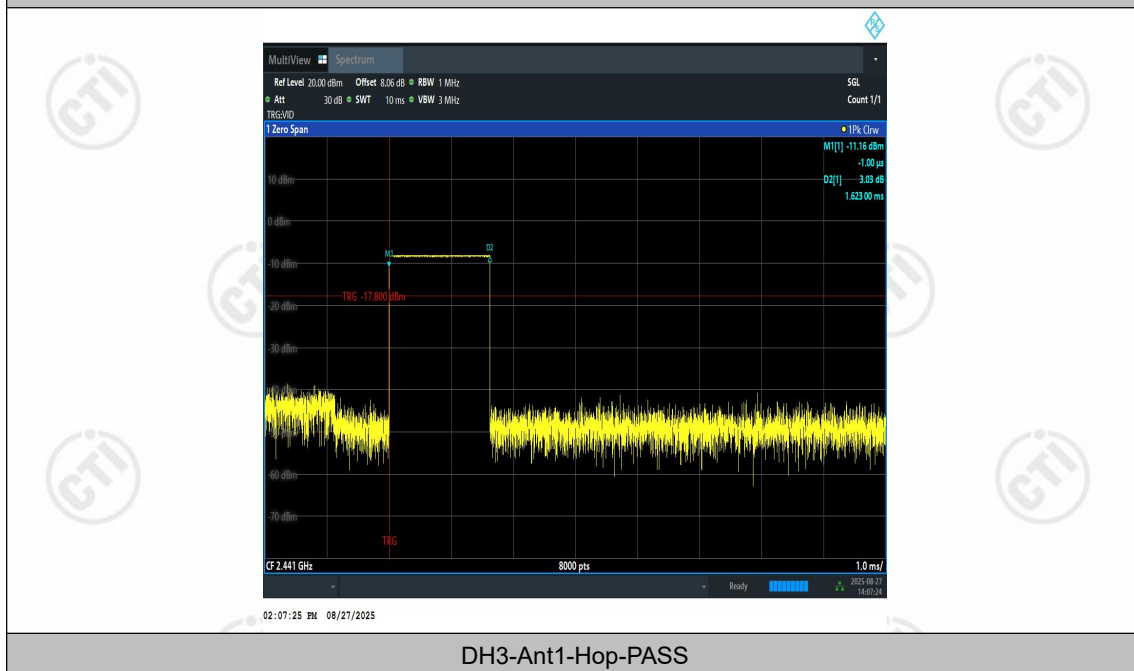
Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.366	320	0.117	≤0.4	PASS
DH3	Ant1	Hop	1.623	160	0.26	≤0.4	PASS
DH5	Ant1	Hop	2.870	106.67	0.306	≤0.4	PASS
2DH1	Ant1	Hop	0.376	320	0.12	≤0.4	PASS
2DH3	Ant1	Hop	1.628	160	0.26	≤0.4	PASS
2DH5	Ant1	Hop	2.877	106.67	0.307	≤0.4	PASS
3DH1	Ant1	Hop	0.378	320	0.121	≤0.4	PASS
3DH3	Ant1	Hop	1.628	160	0.26	≤0.4	PASS
3DH5	Ant1	Hop	2.878	106.67	0.307	≤0.4	PASS

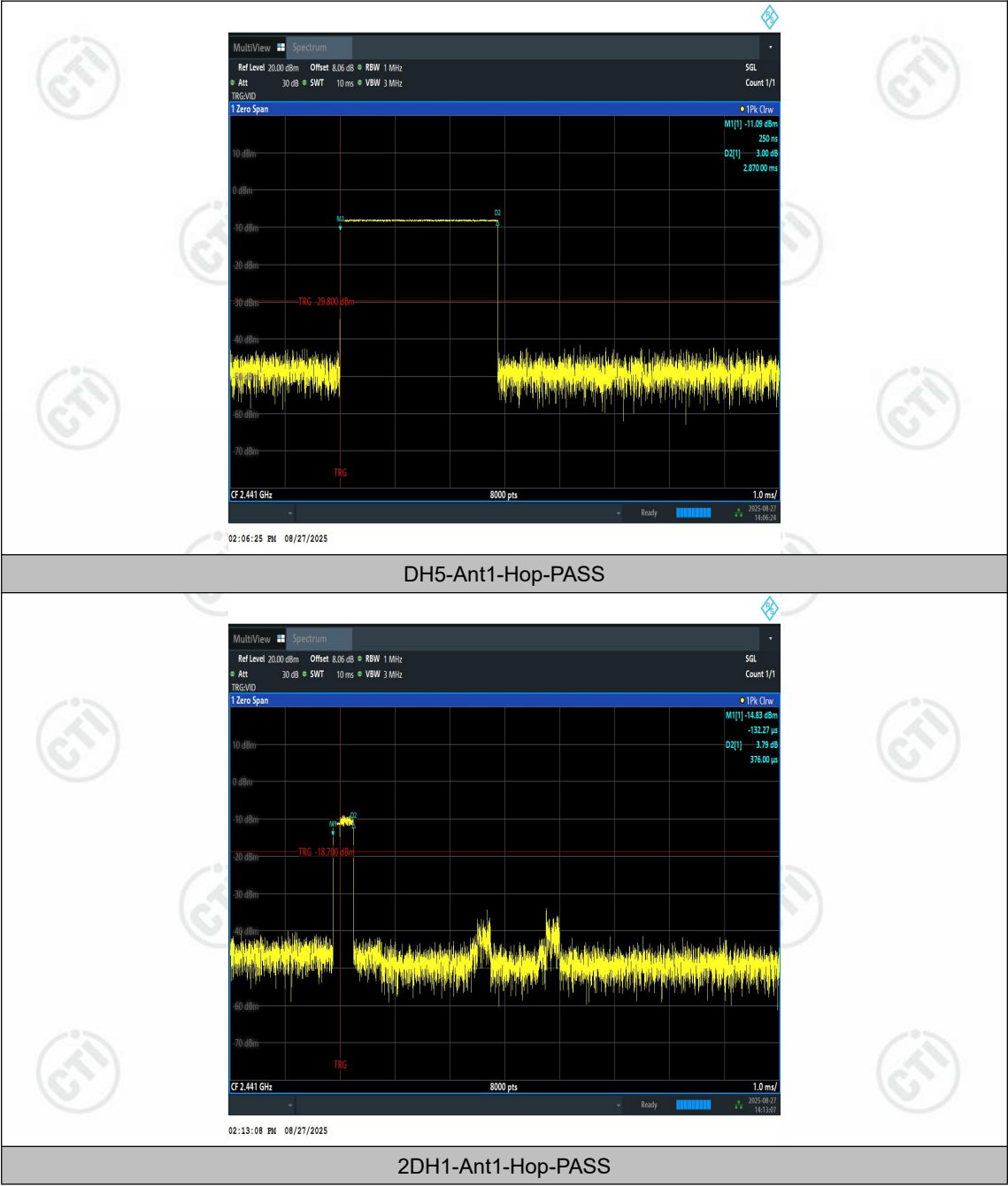
Test Graphs

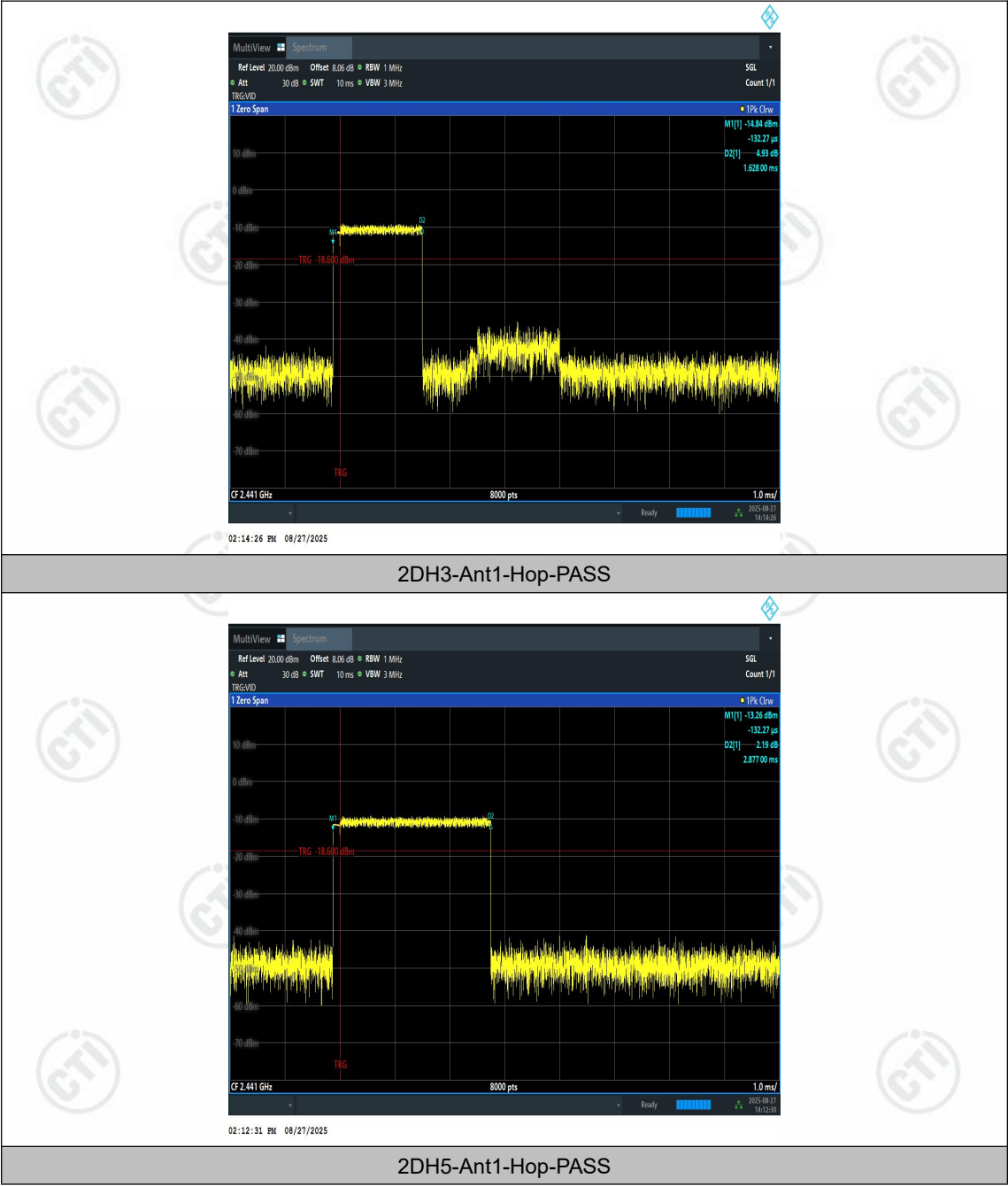


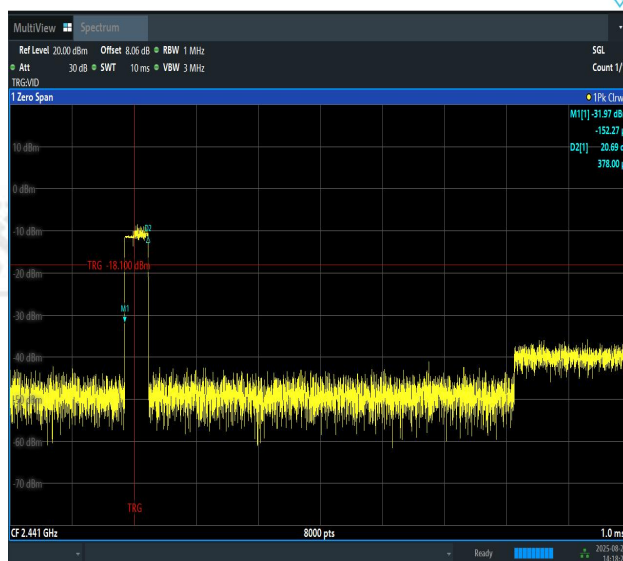
DH1-Ant1-Hop-PASS



DH3-Ant1-Hop-PASS

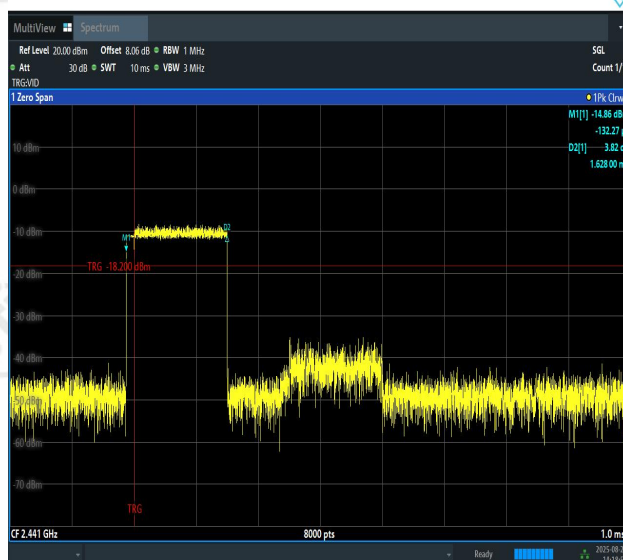






02:18:29 PM 08/27/2025

3DH1-Ant1-Hop-PASS



02:18:59 PM 08/27/2025

3DH3-Ant1-Hop-PASS