

Appendix: Bluetooth Classic

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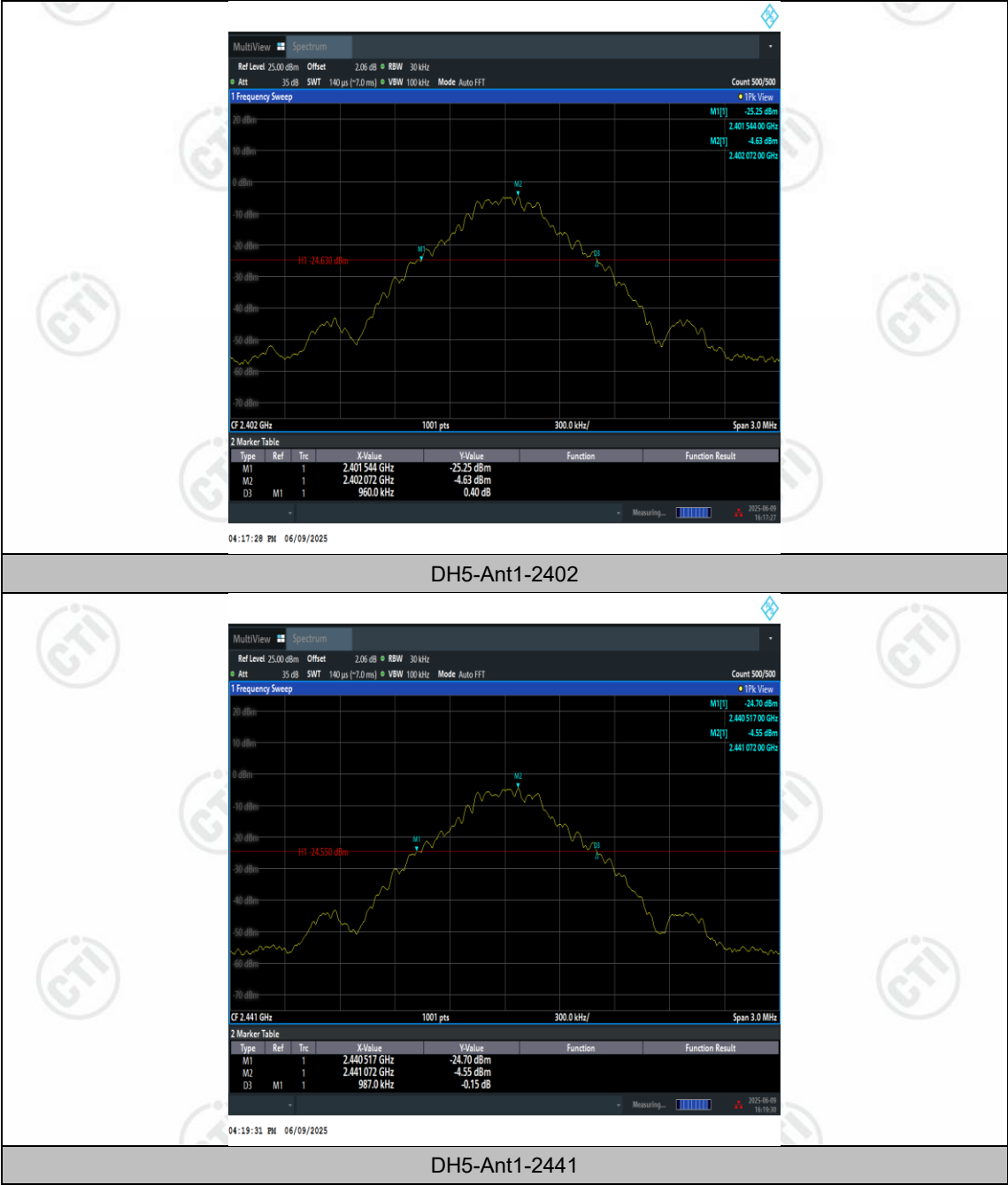
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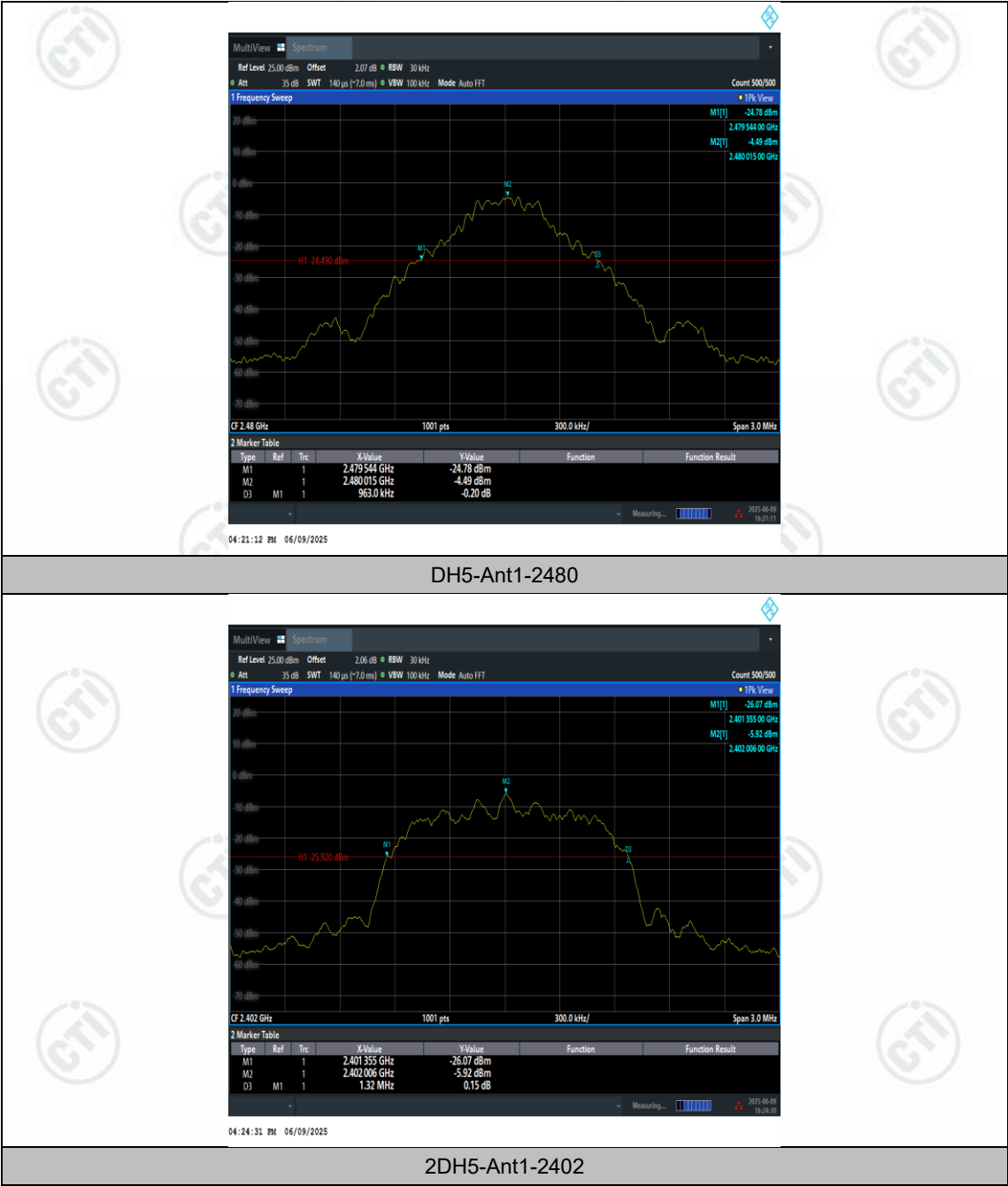
Appendix A: 20dB Emission Bandwidth

Test Result

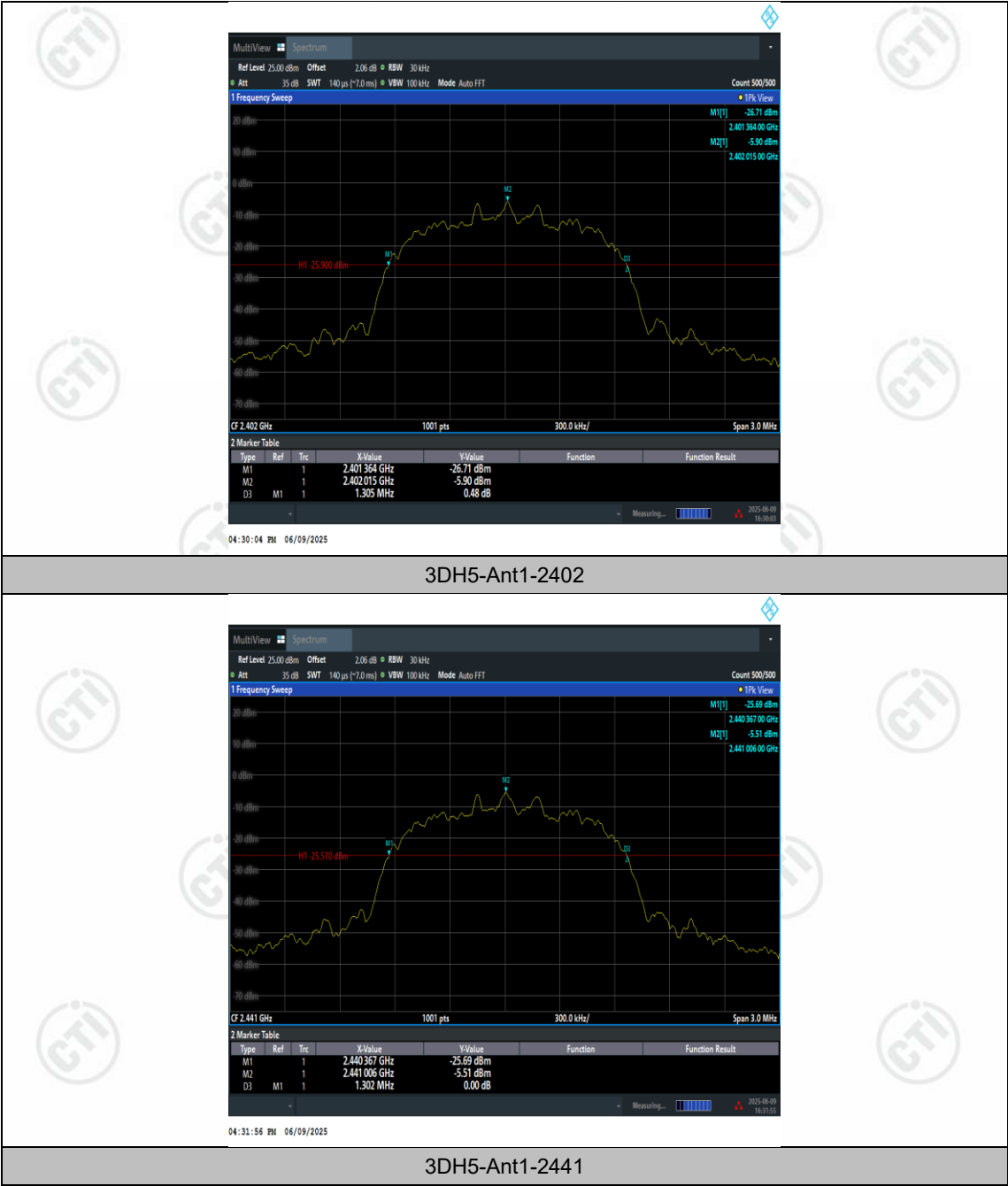
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.96	2401.54	2402.50	---	---
DH5	Ant1	2441	0.99	2440.52	2441.50	---	---
DH5	Ant1	2480	0.96	2479.54	2480.51	---	---
2DH5	Ant1	2402	1.32	2401.36	2402.68	---	---
2DH5	Ant1	2441	1.33	2440.35	2441.68	---	---
2DH5	Ant1	2480	1.32	2479.36	2480.68	---	---
3DH5	Ant1	2402	1.30	2401.36	2402.67	---	---
3DH5	Ant1	2441	1.30	2440.37	2441.67	---	---
3DH5	Ant1	2480	1.30	2479.37	2480.67	---	---

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	0.877	2401.5746	2402.4517	---	---
DH5	Ant1	2441	0.882	2440.5738	2441.4560	---	---
DH5	Ant1	2480	0.881	2479.5745	2480.4553	---	---
2DH5	Ant1	2402	1.18	2401.4253	2402.6051	---	---
2DH5	Ant1	2441	1.181	2440.4257	2441.6068	---	---
2DH5	Ant1	2480	1.182	2479.4253	2480.6072	---	---
3DH5	Ant1	2402	1.175	2401.4301	2402.6049	---	---
3DH5	Ant1	2441	1.179	2440.4278	2441.6064	---	---
3DH5	Ant1	2480	1.181	2479.4259	2480.6068	---	---

Test Graphs







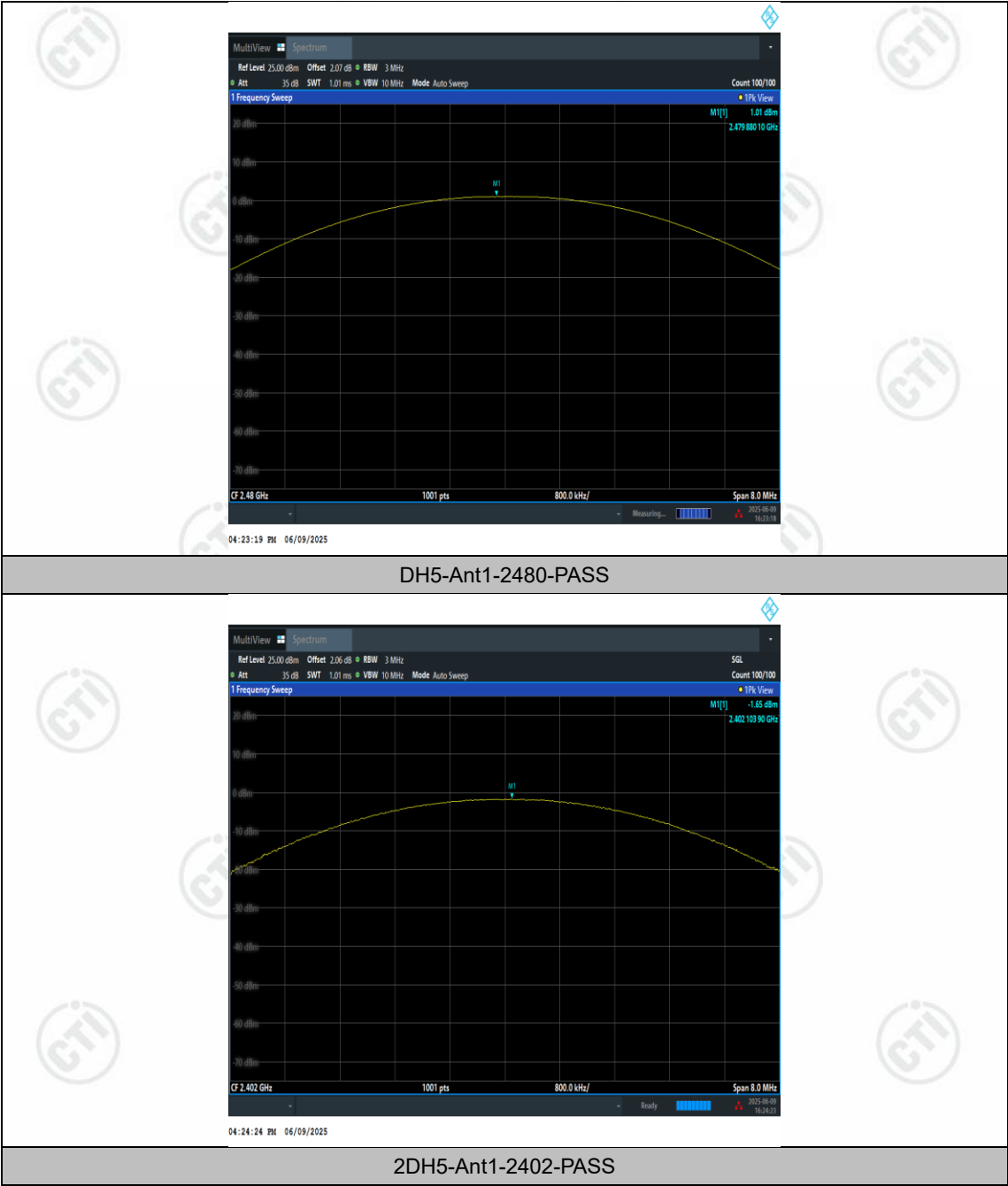


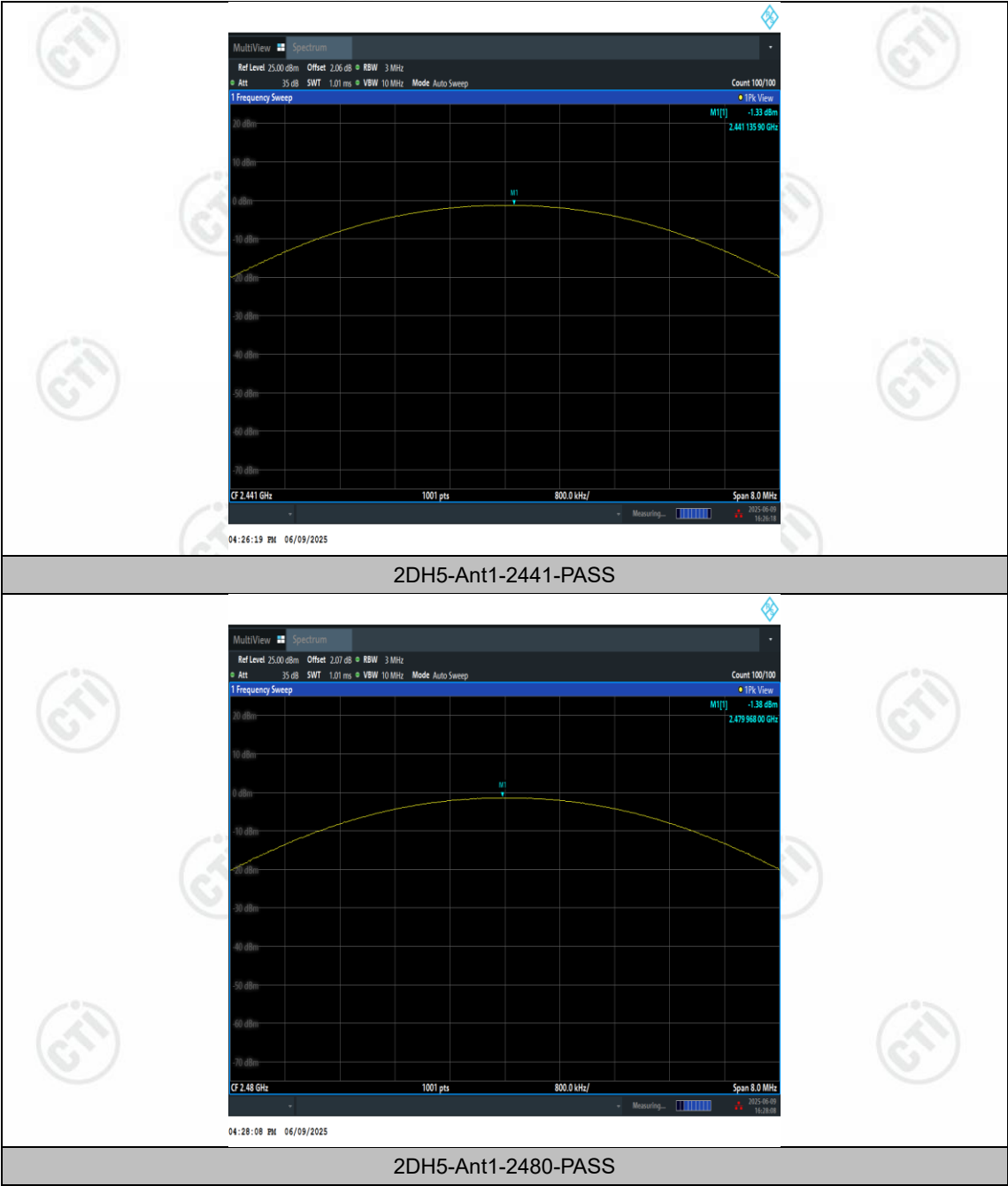


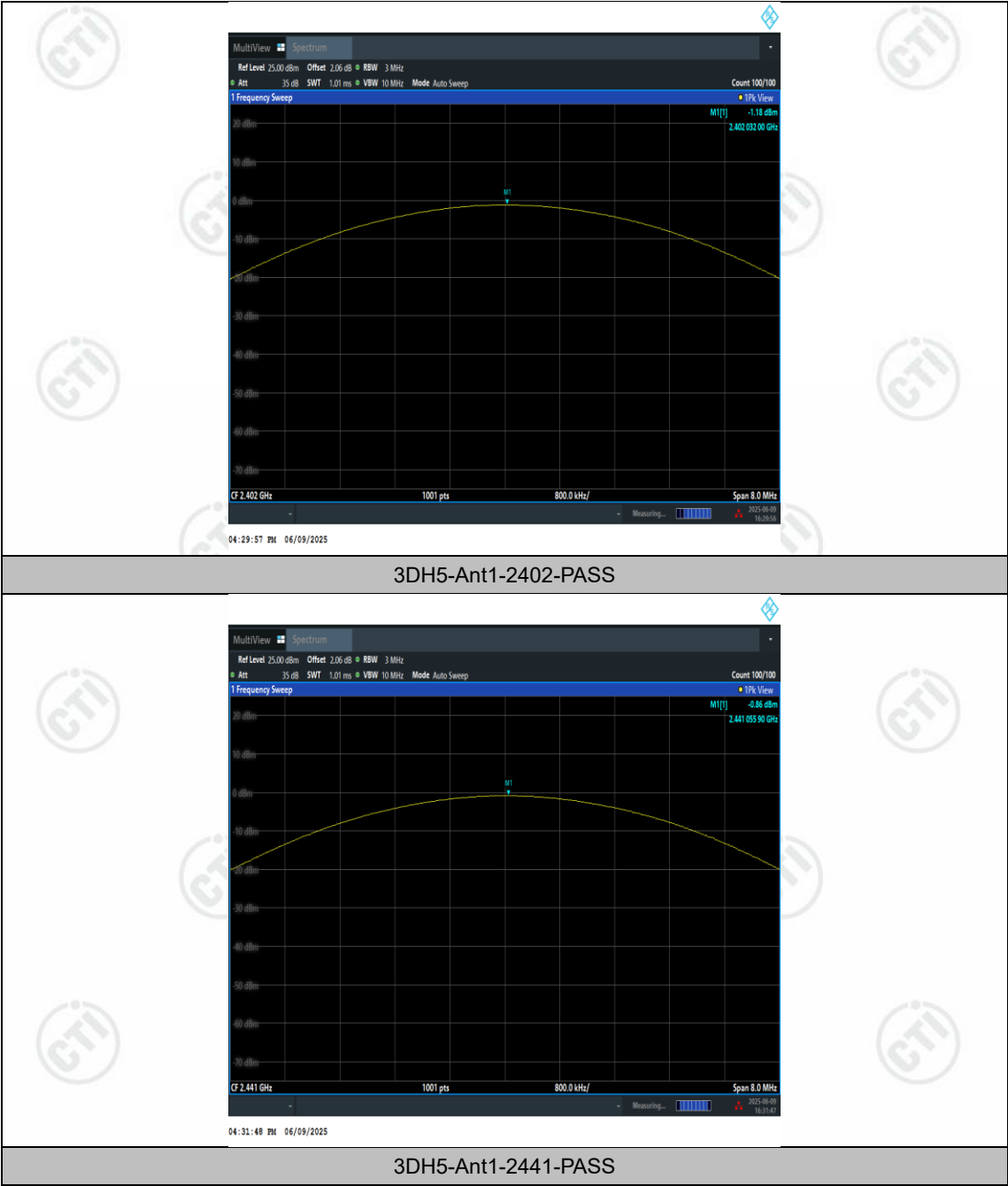
Appendix C: Maximum conducted output power

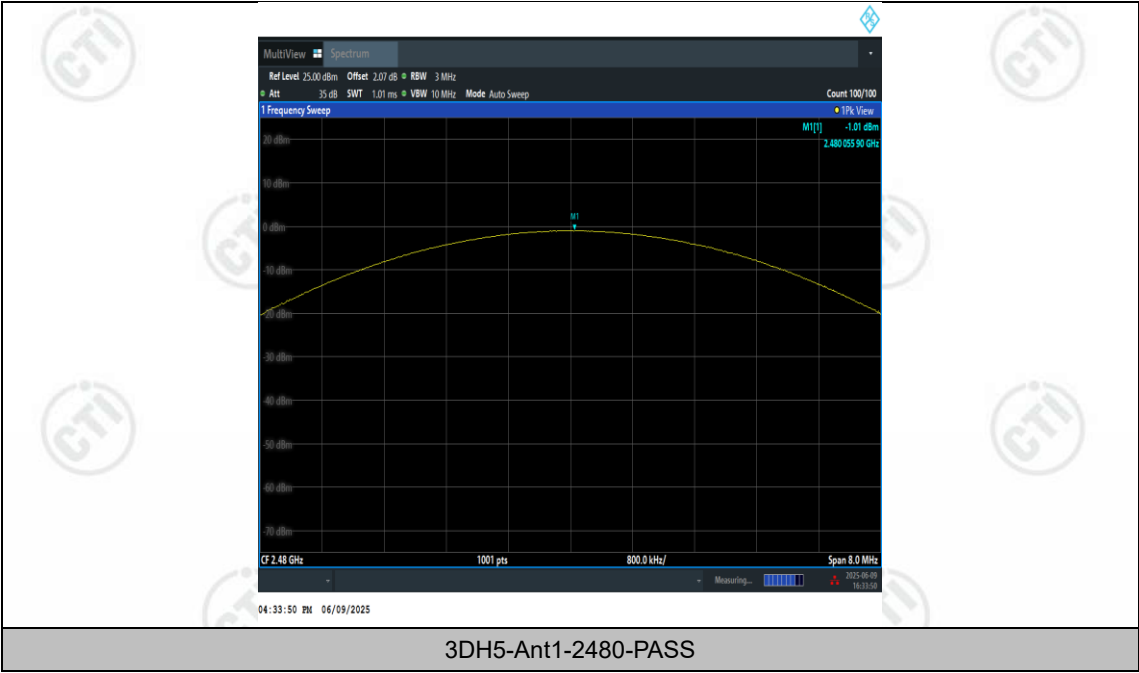
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.32	≤20.97	PASS
DH5	Ant1	2441	-0.42	≤20.97	PASS
DH5	Ant1	2480	1.01	≤20.97	PASS
2DH5	Ant1	2402	-1.65	≤30	PASS
2DH5	Ant1	2441	-1.33	≤20.97	PASS
2DH5	Ant1	2480	-1.38	≤20.97	PASS
3DH5	Ant1	2402	-1.18	≤30	PASS
3DH5	Ant1	2441	-0.86	≤20.97	PASS
3DH5	Ant1	2480	-1.01	≤20.97	PASS







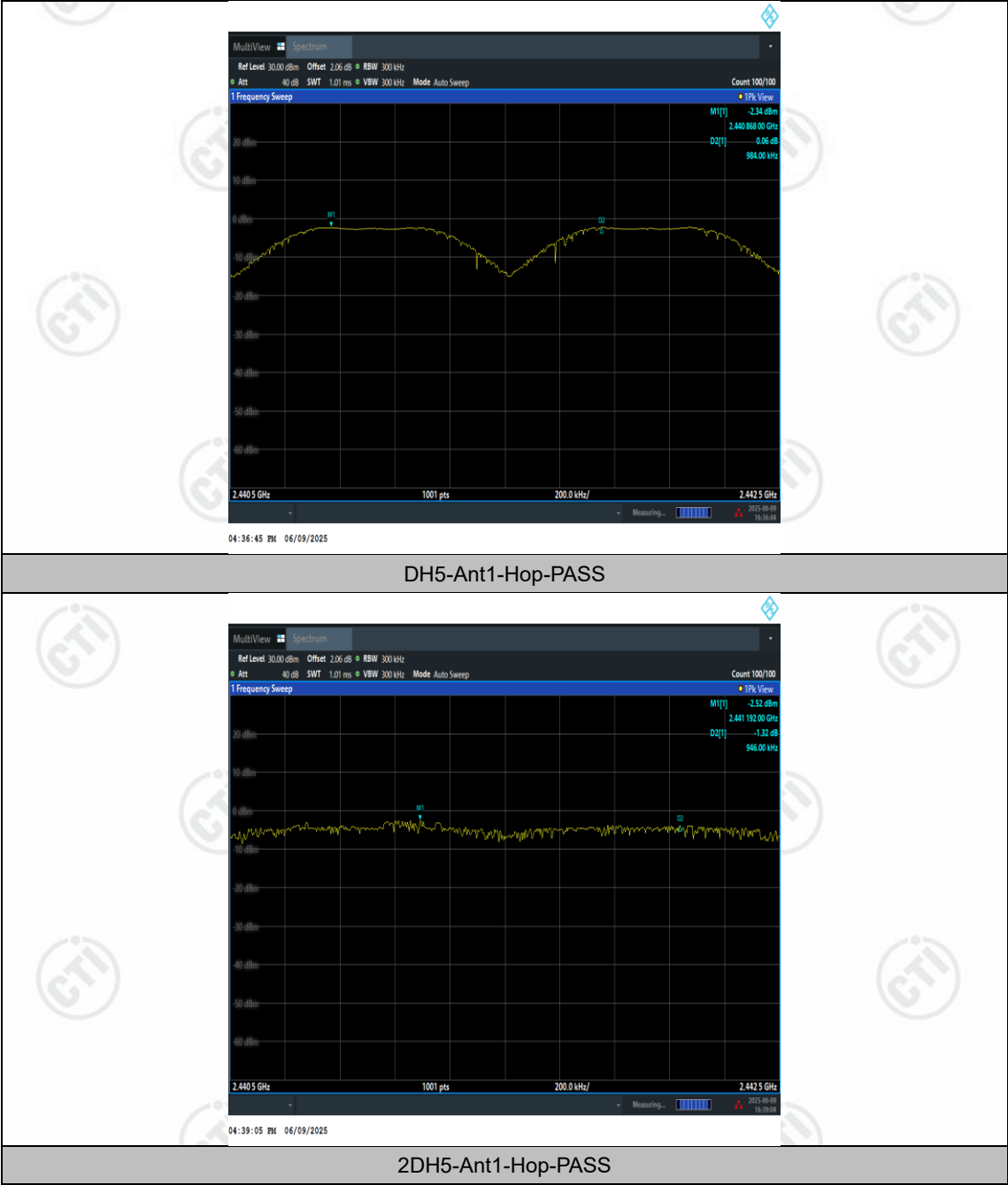


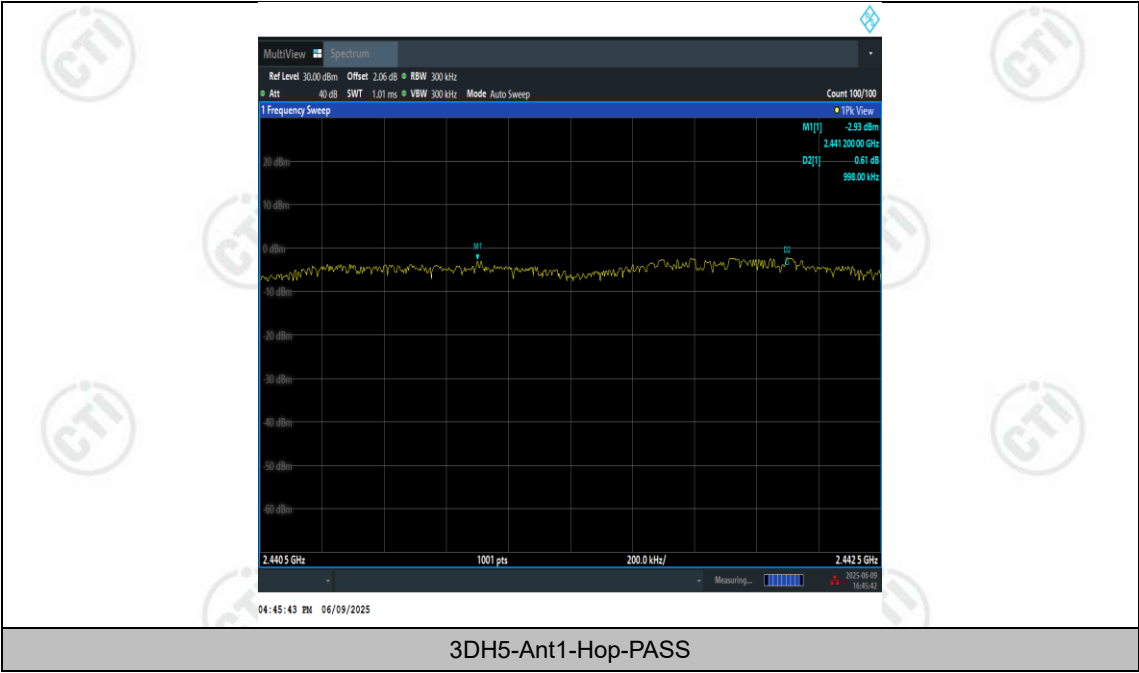
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.984	≥0.660	PASS
2DH5	Ant1	Hop	0.946	≥0.887	PASS
3DH5	Ant1	Hop	0.998	≥0.867	PASS

Test Graphs





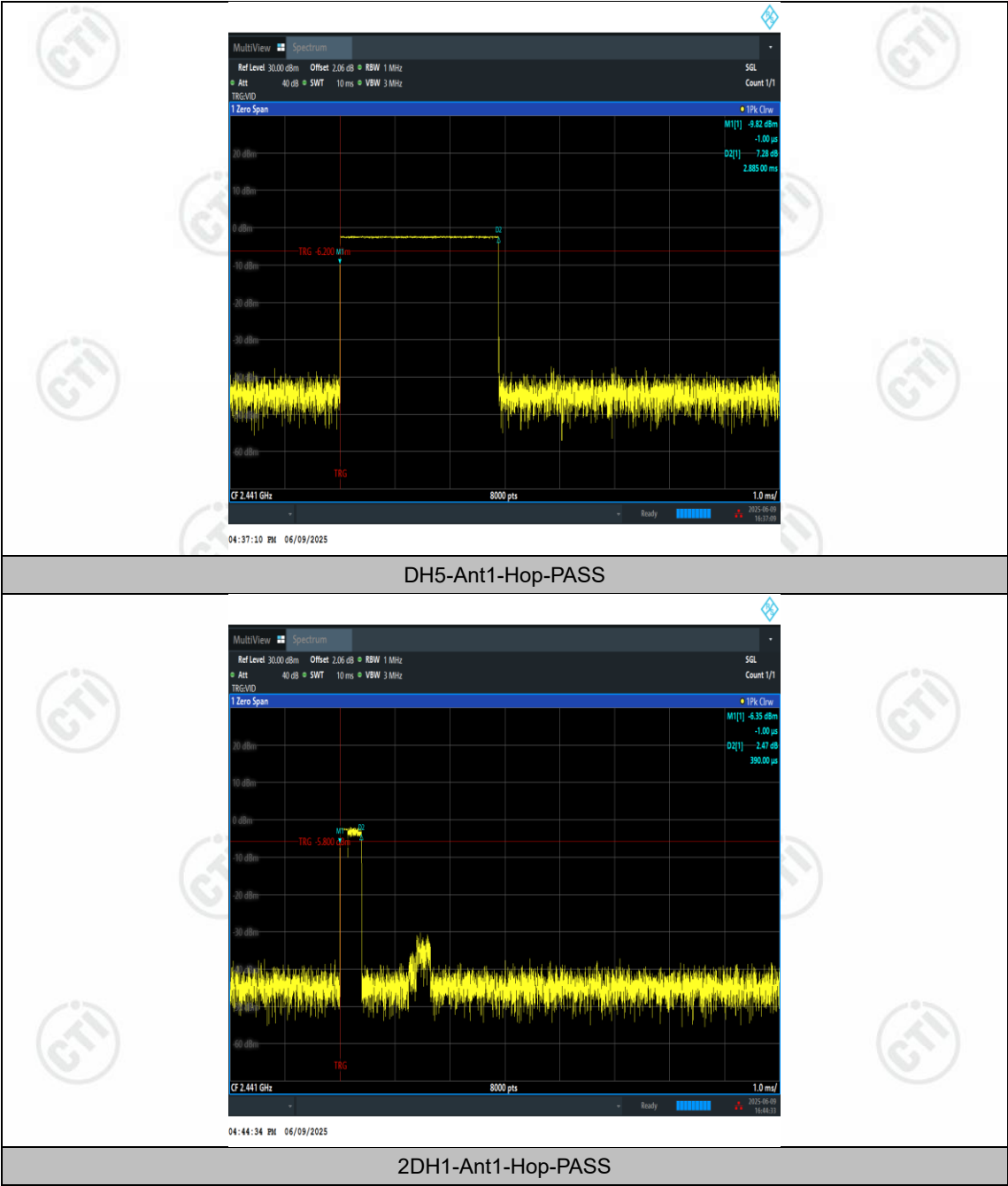
Appendix E: Time of occupancy

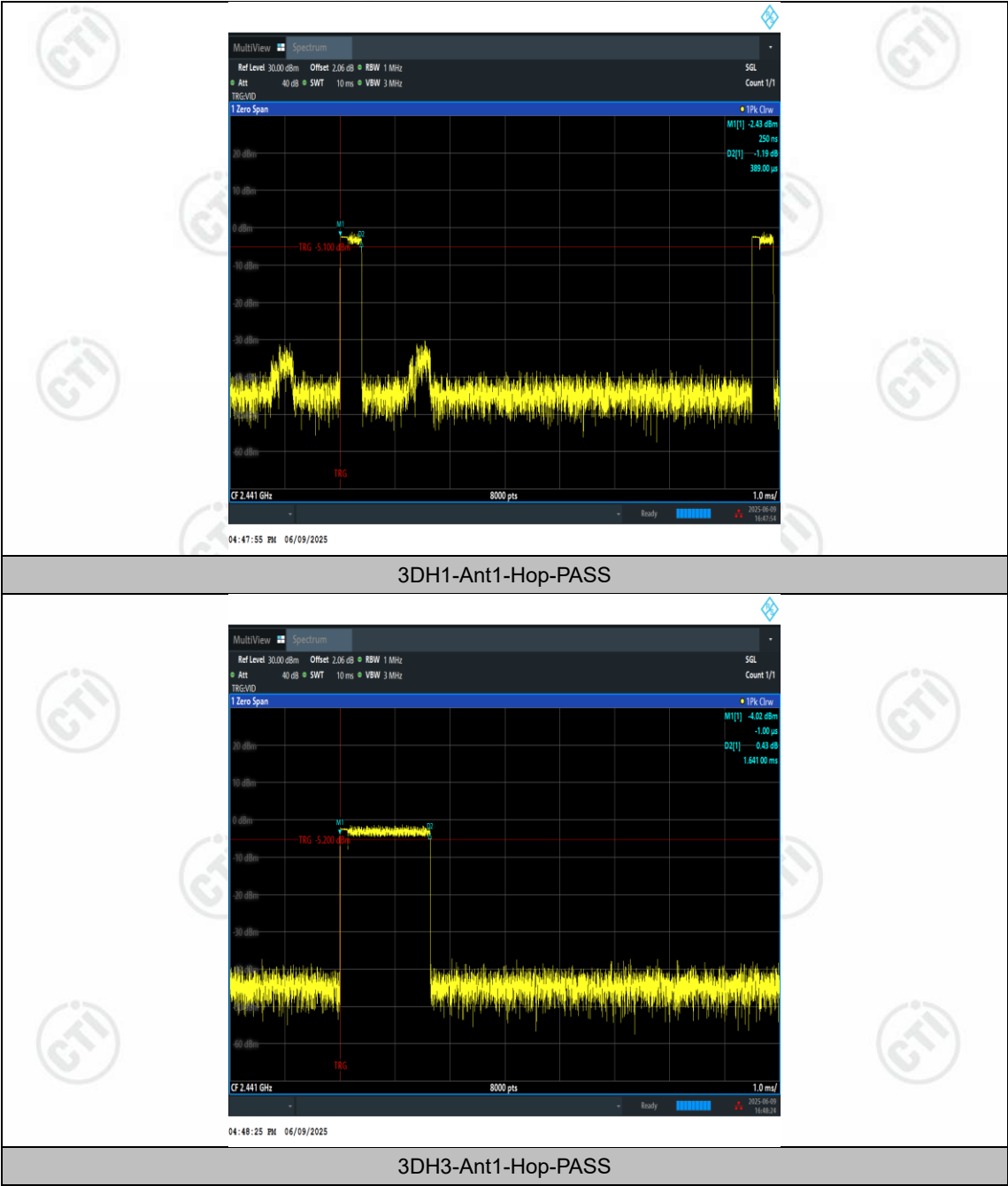
Test Result

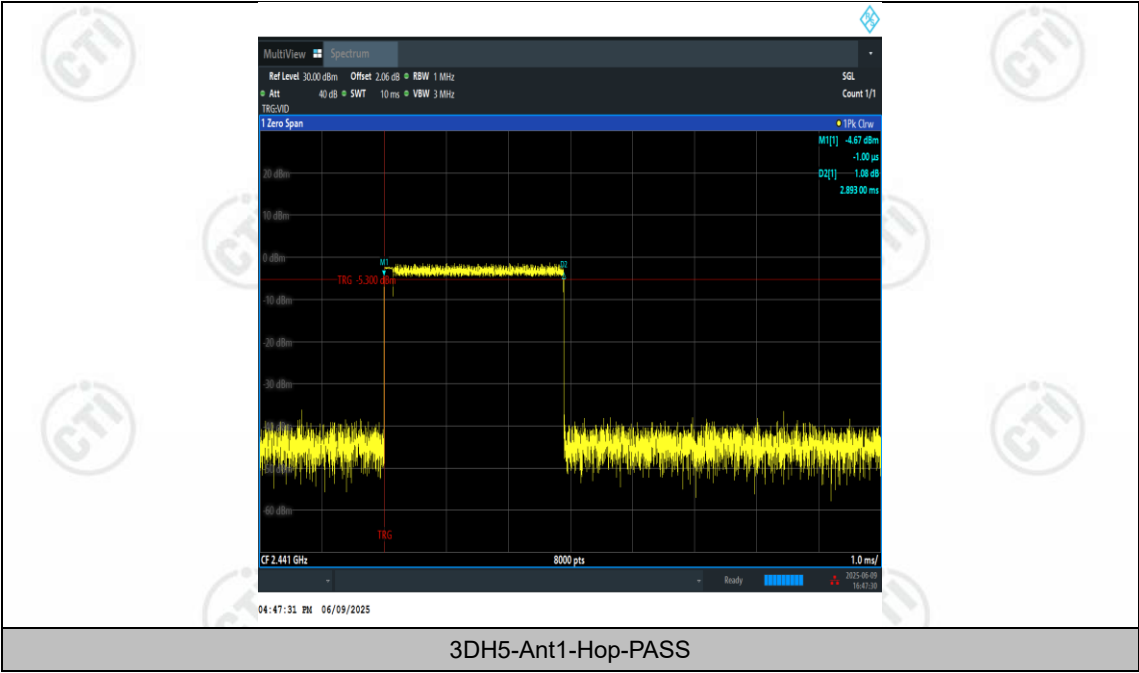
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.380	320	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.638	160	0.262	≤0.4	PASS
DH5	Ant1	Hop	2.885	106.67	0.308	≤0.4	PASS
2DH1	Ant1	Hop	0.390	320	0.125	≤0.4	PASS
2DH3	Ant1	Hop	1.643	160	0.263	≤0.4	PASS
2DH5	Ant1	Hop	2.890	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Hop	0.389	320	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.641	160	0.263	≤0.4	PASS
3DH5	Ant1	Hop	2.893	106.67	0.309	≤0.4	PASS

Test Graphs









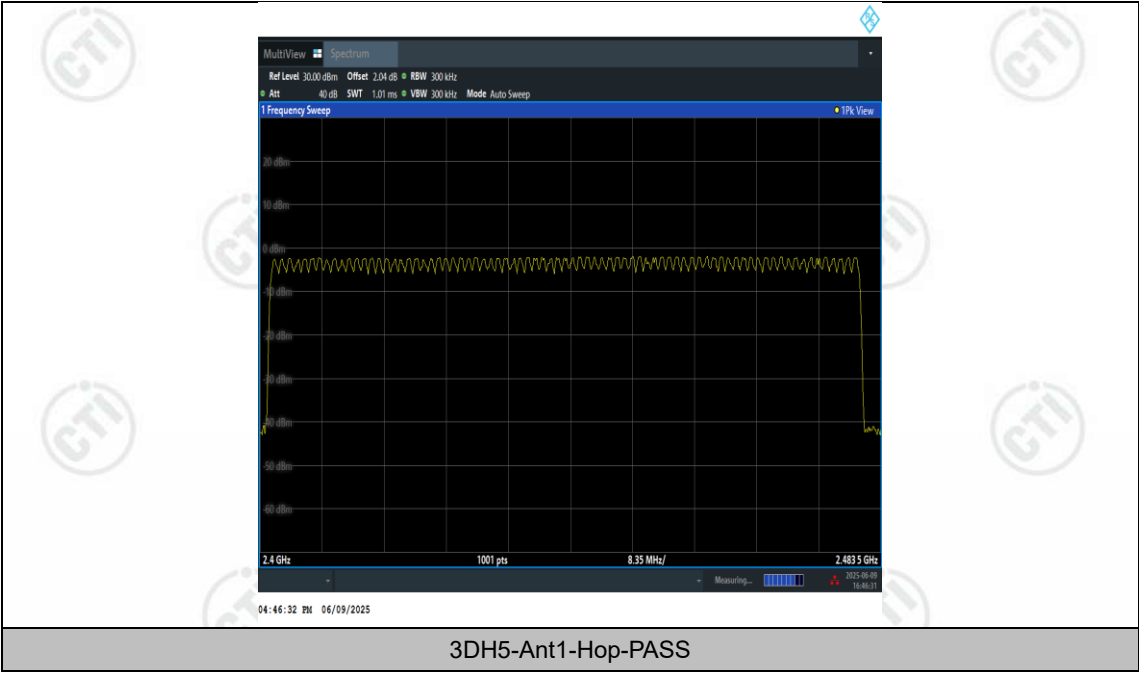
Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	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	-2.43	-49.69	≤ -22.43	PASS
DH5	Ant1	High	2480	-2.48	-50.45	≤ -22.48	PASS
DH5	Ant1	Low	Hop_2402	-3.31	-50.31	≤ -23.31	PASS
DH5	Ant1	High	Hop_2480	-2.79	-50.17	≤ -22.79	PASS
2DH5	Ant1	Low	2402	-2.76	-50.89	≤ -22.76	PASS
2DH5	Ant1	High	2480	-2.55	-50.41	≤ -22.55	PASS
2DH5	Ant1	Low	Hop_2402	-2.74	-50.34	≤ -22.74	PASS
2DH5	Ant1	High	Hop_2480	-3.85	-49.83	≤ -23.85	PASS
3DH5	Ant1	Low	2402	-2.74	-49.88	≤ -22.74	PASS
3DH5	Ant1	High	2480	-2.64	-50.54	≤ -22.64	PASS
3DH5	Ant1	Low	Hop_2402	-2.83	-50.24	≤ -22.83	PASS
3DH5	Ant1	High	Hop_2480	-2.54	-49.46	≤ -22.54	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	-2.29	-2.29	---	PASS
DH5	Ant1	2402	30~1000	-2.29	-64.84	≤-22.29	PASS
DH5	Ant1	2402	1000~26500	-2.29	-32.55	≤-22.29	PASS
DH5	Ant1	2441	0~Reference	-1.73	-1.73	---	PASS
DH5	Ant1	2441	30~1000	-1.73	-54	≤-21.73	PASS
DH5	Ant1	2441	1000~26500	-1.73	-34.54	≤-21.73	PASS
DH5	Ant1	2480	0~Reference	0.25	0.25	---	PASS
DH5	Ant1	2480	30~1000	0.25	-64.2	≤-19.75	PASS
DH5	Ant1	2480	1000~26500	0.25	-36.26	≤-19.75	PASS
2DH5	Ant1	2402	0~Reference	-2.75	-2.75	---	PASS
2DH5	Ant1	2402	30~1000	-2.75	-64.79	≤-22.75	PASS
2DH5	Ant1	2402	1000~26500	-2.75	-33.52	≤-22.75	PASS
2DH5	Ant1	2441	0~Reference	-2.43	-2.43	---	PASS
2DH5	Ant1	2441	30~1000	-2.43	-64.7	≤-22.43	PASS
2DH5	Ant1	2441	1000~26500	-2.43	-35.41	≤-22.43	PASS
2DH5	Ant1	2480	0~Reference	-2.56	-2.56	---	PASS
2DH5	Ant1	2480	30~1000	-2.56	-64.63	≤-22.56	PASS
2DH5	Ant1	2480	1000~26500	-2.56	-36.91	≤-22.56	PASS
3DH5	Ant1	2402	0~Reference	-2.75	-2.75	---	PASS
3DH5	Ant1	2402	30~1000	-2.75	-64.56	≤-22.75	PASS
3DH5	Ant1	2402	1000~26500	-2.75	-33.22	≤-22.75	PASS
3DH5	Ant1	2441	0~Reference	-2.45	-2.45	---	PASS
3DH5	Ant1	2441	30~1000	-2.45	-64.05	≤-22.45	PASS
3DH5	Ant1	2441	1000~26500	-2.45	-34.61	≤-22.45	PASS
3DH5	Ant1	2480	0~Reference	-2.57	-2.57	---	PASS
3DH5	Ant1	2480	30~1000	-2.57	-64.45	≤-22.57	PASS
3DH5	Ant1	2480	1000~26500	-2.57	-36.94	≤-22.57	PASS

Test Graphs

