

Appendix: Bluetooth Classic

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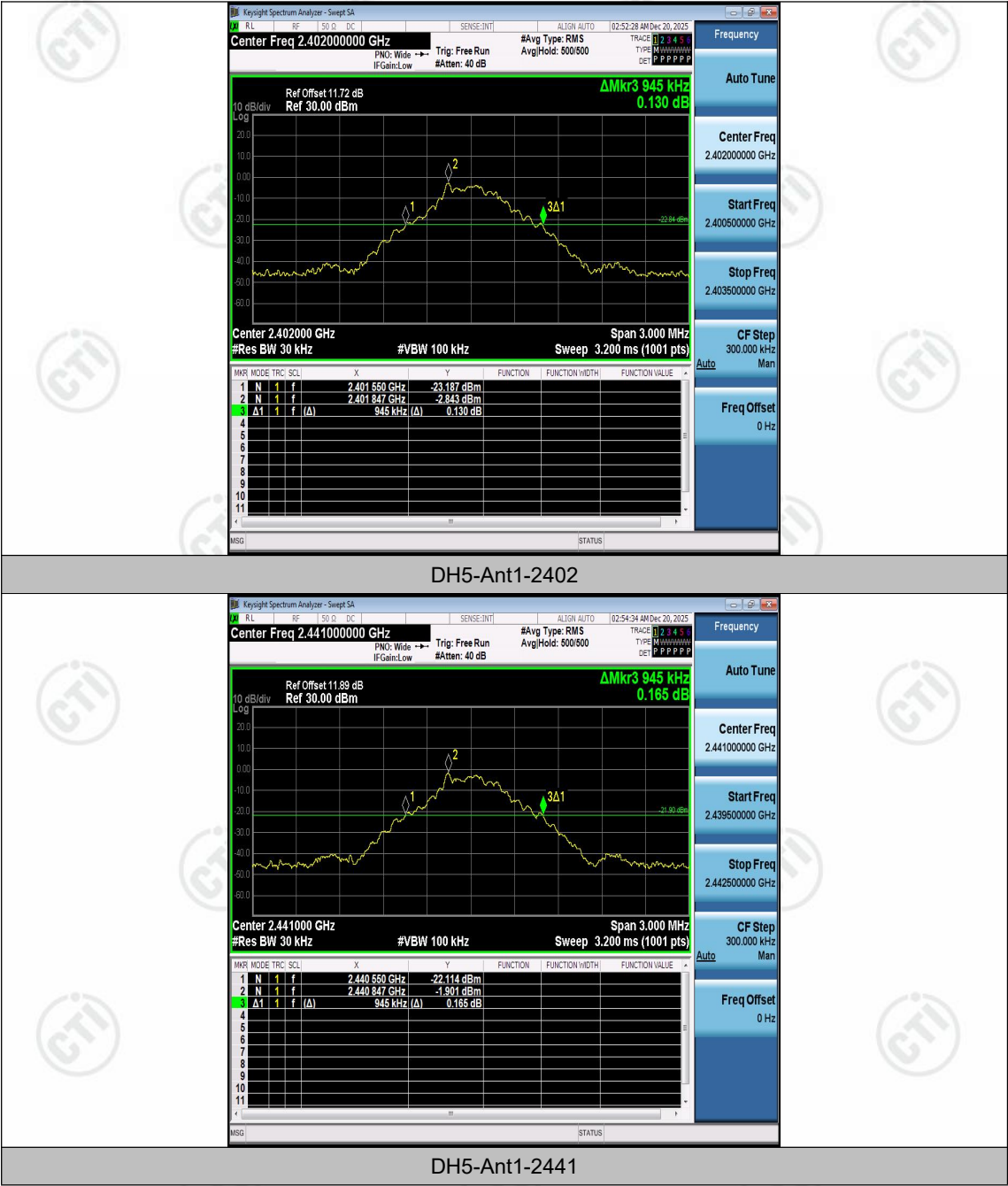
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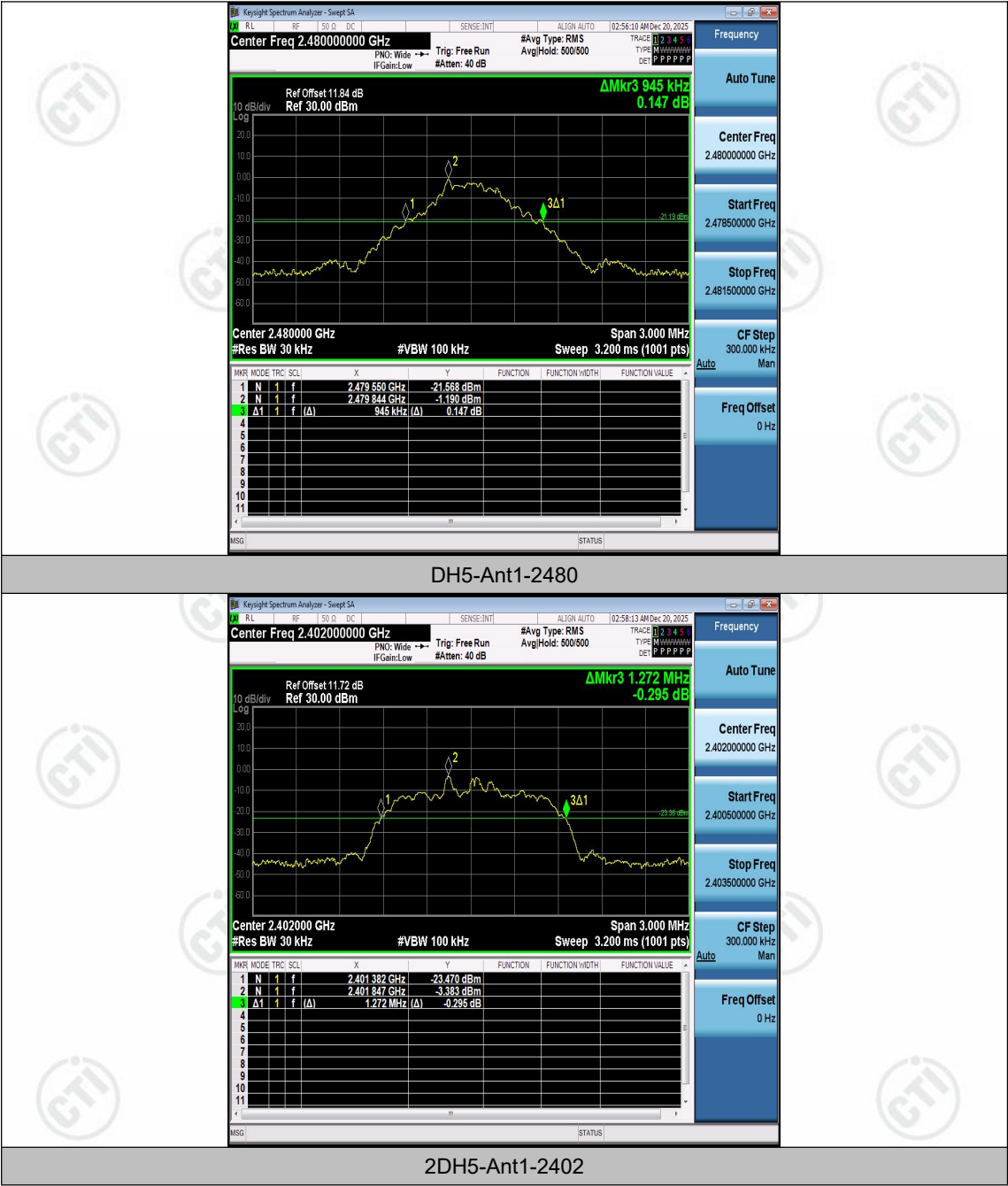
Appendix A: 20dB Emission Bandwidth

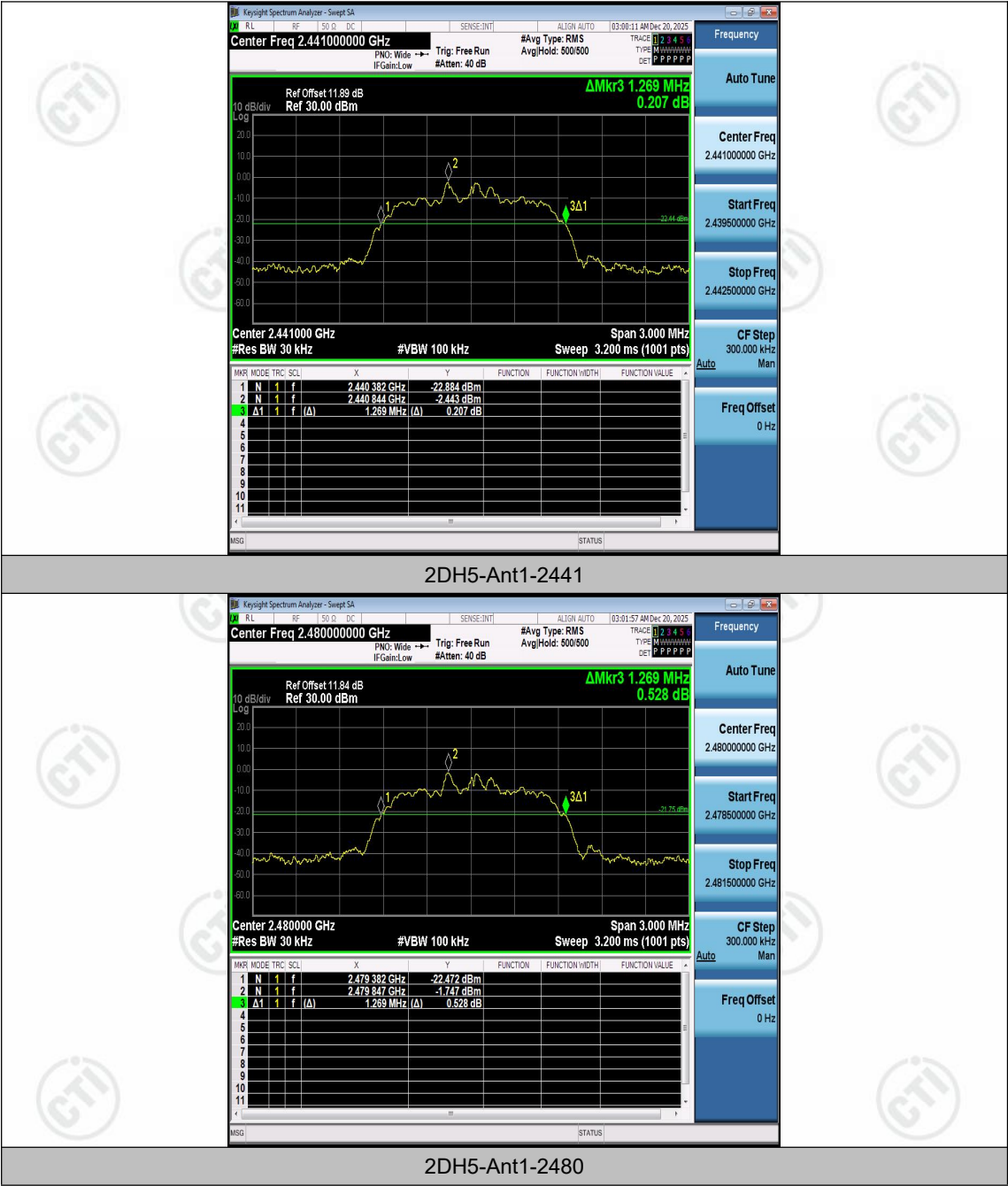
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.945	2401.550	2402.495	---	---
DH5	Ant1	2441	0.945	2440.550	2441.495	---	---
DH5	Ant1	2480	0.945	2479.550	2480.495	---	---
2DH5	Ant1	2402	1.272	2401.382	2402.654	---	---
2DH5	Ant1	2441	1.269	2440.382	2441.651	---	---
2DH5	Ant1	2480	1.269	2479.382	2480.651	---	---

Test Graphs







Appendix B: Occupied Channel Bandwidth

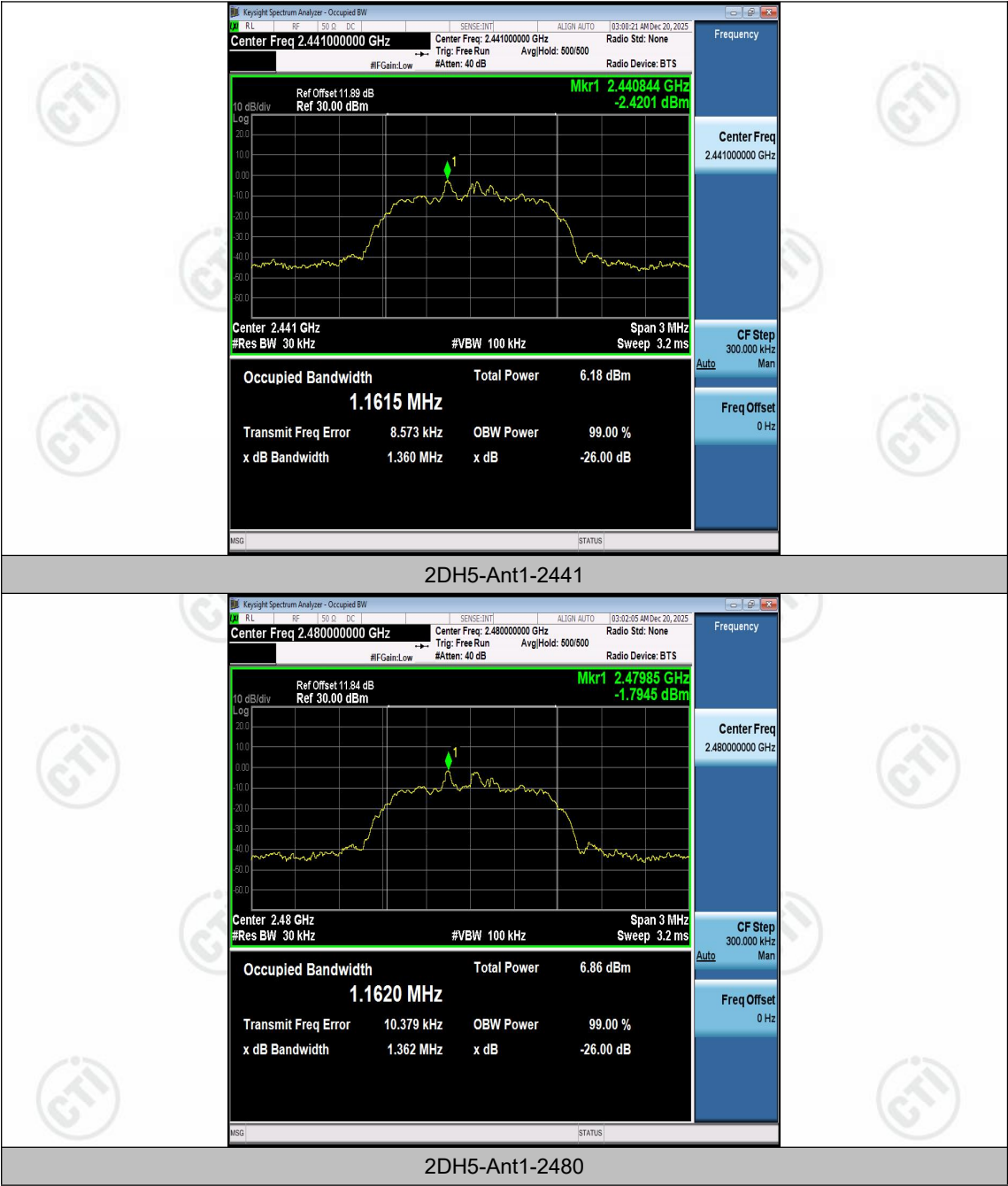
Test Result

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85972	2401.5801	2402.4398	---	---
DH5	Ant1	2441	0.85400	2440.5817	2441.4357	---	---
DH5	Ant1	2480	0.85158	2479.5842	2480.4358	---	---
2DH5	Ant1	2402	1.1651	2401.4266	2402.5917	---	---
2DH5	Ant1	2441	1.1615	2440.4278	2441.5893	---	---
2DH5	Ant1	2480	1.1620	2479.4294	2480.5914	---	---

Test Graphs





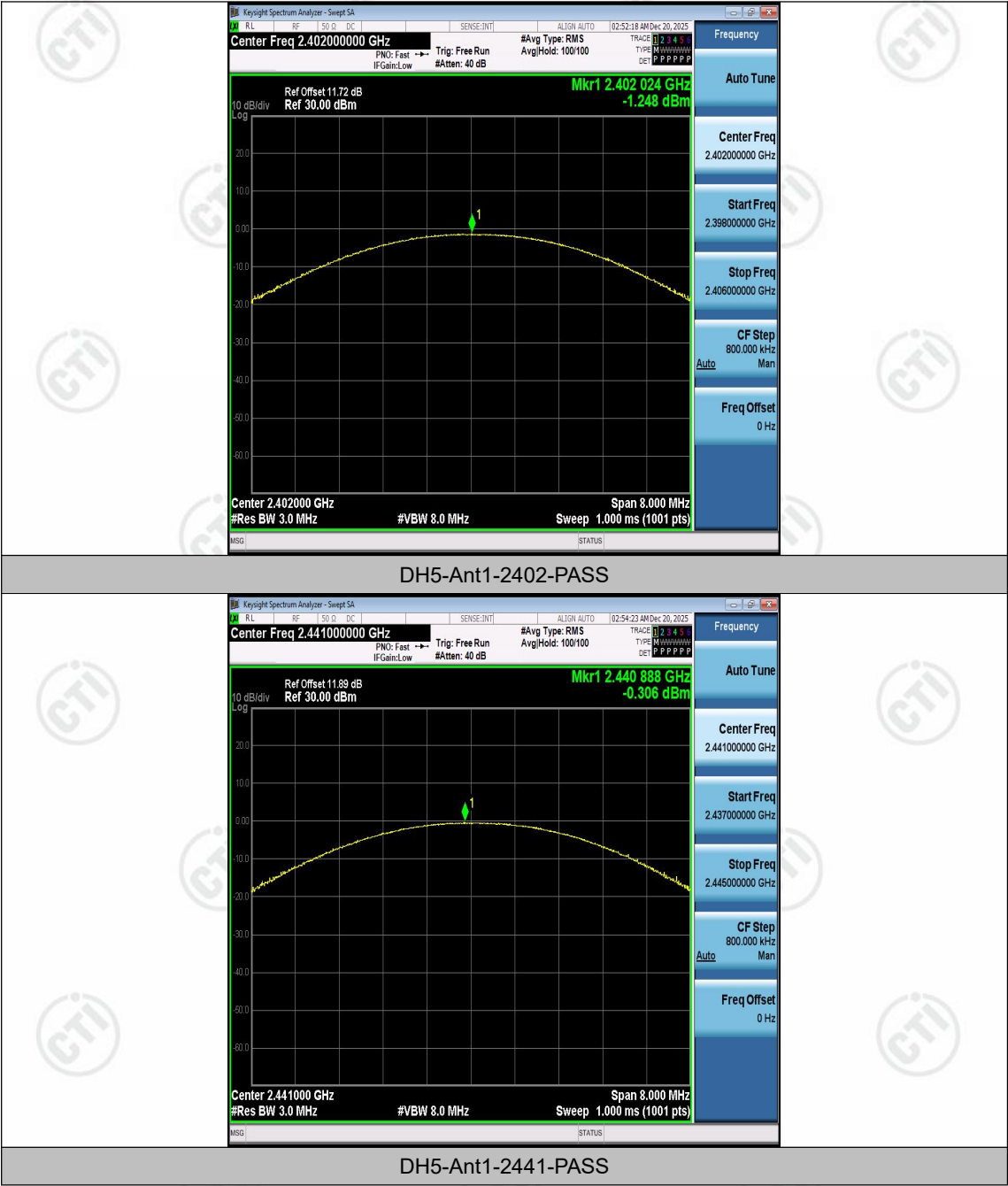


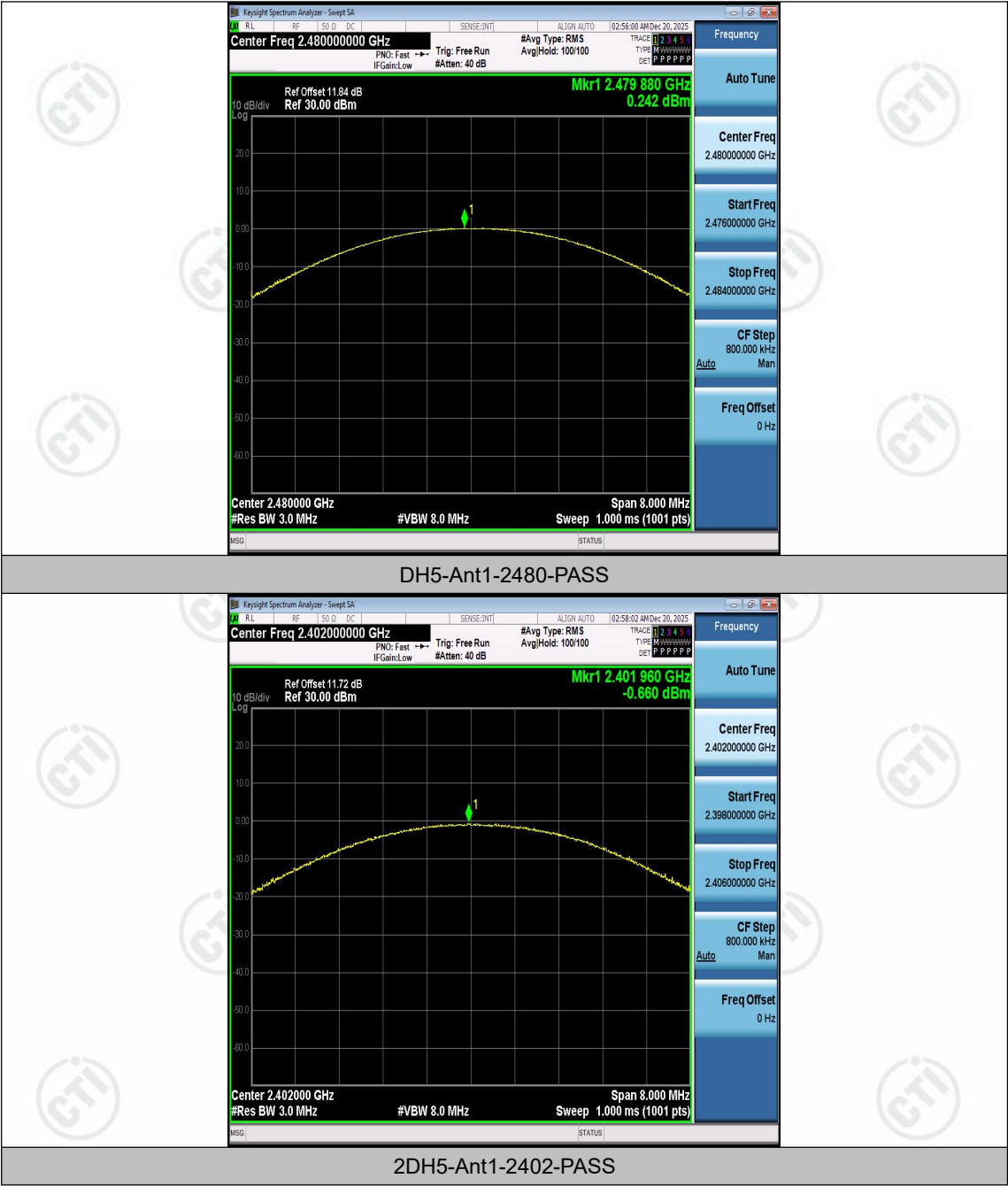
Appendix C: Maximum conducted output power

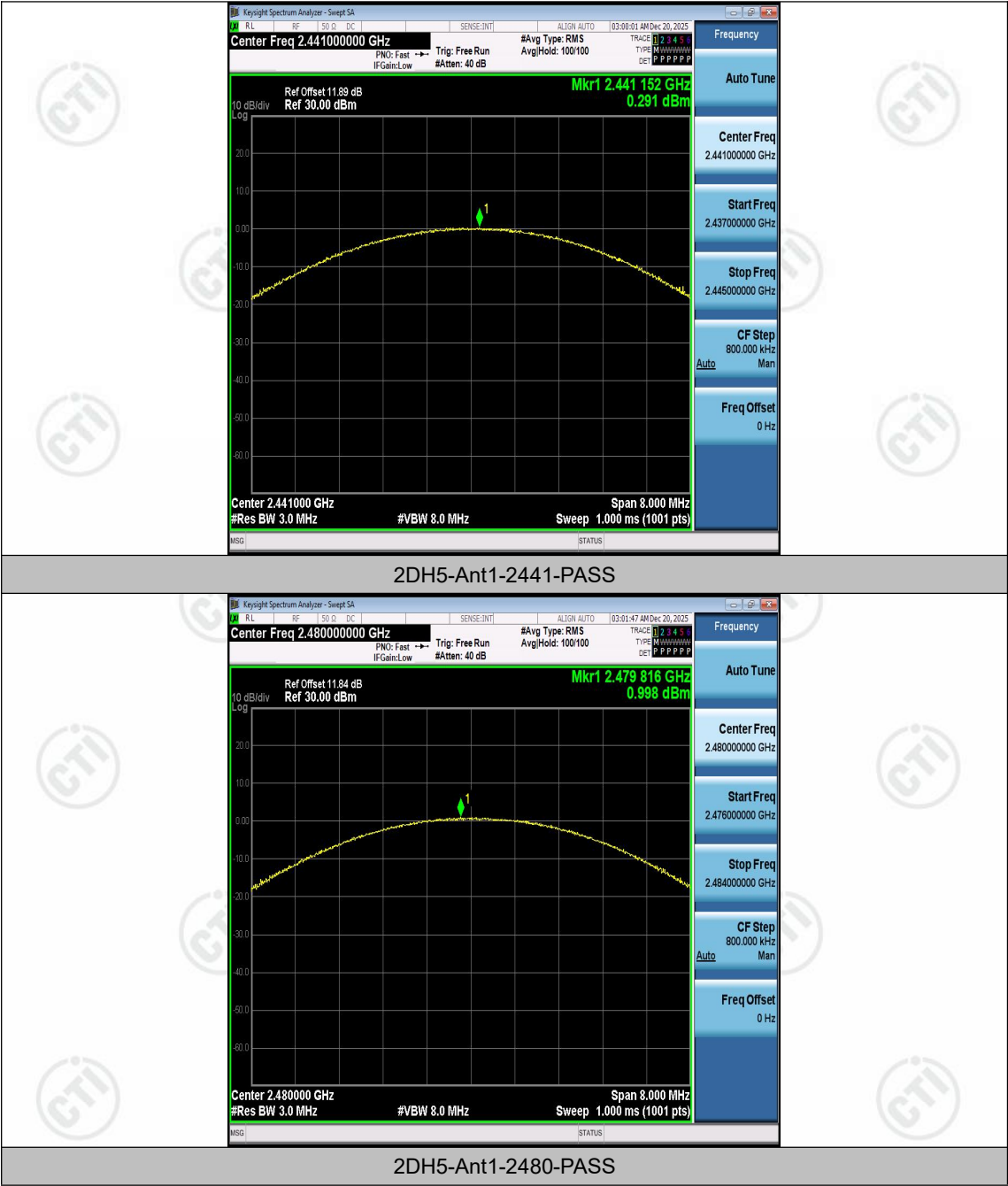
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-1.25	≤30	PASS
DH5	Ant1	2441	-0.31	≤20.97	PASS
DH5	Ant1	2480	0.24	≤20.97	PASS
2DH5	Ant1	2402	-0.66	≤30	PASS
2DH5	Ant1	2441	0.29	≤20.97	PASS
2DH5	Ant1	2480	1.00	≤20.97	PASS

Test Graphs





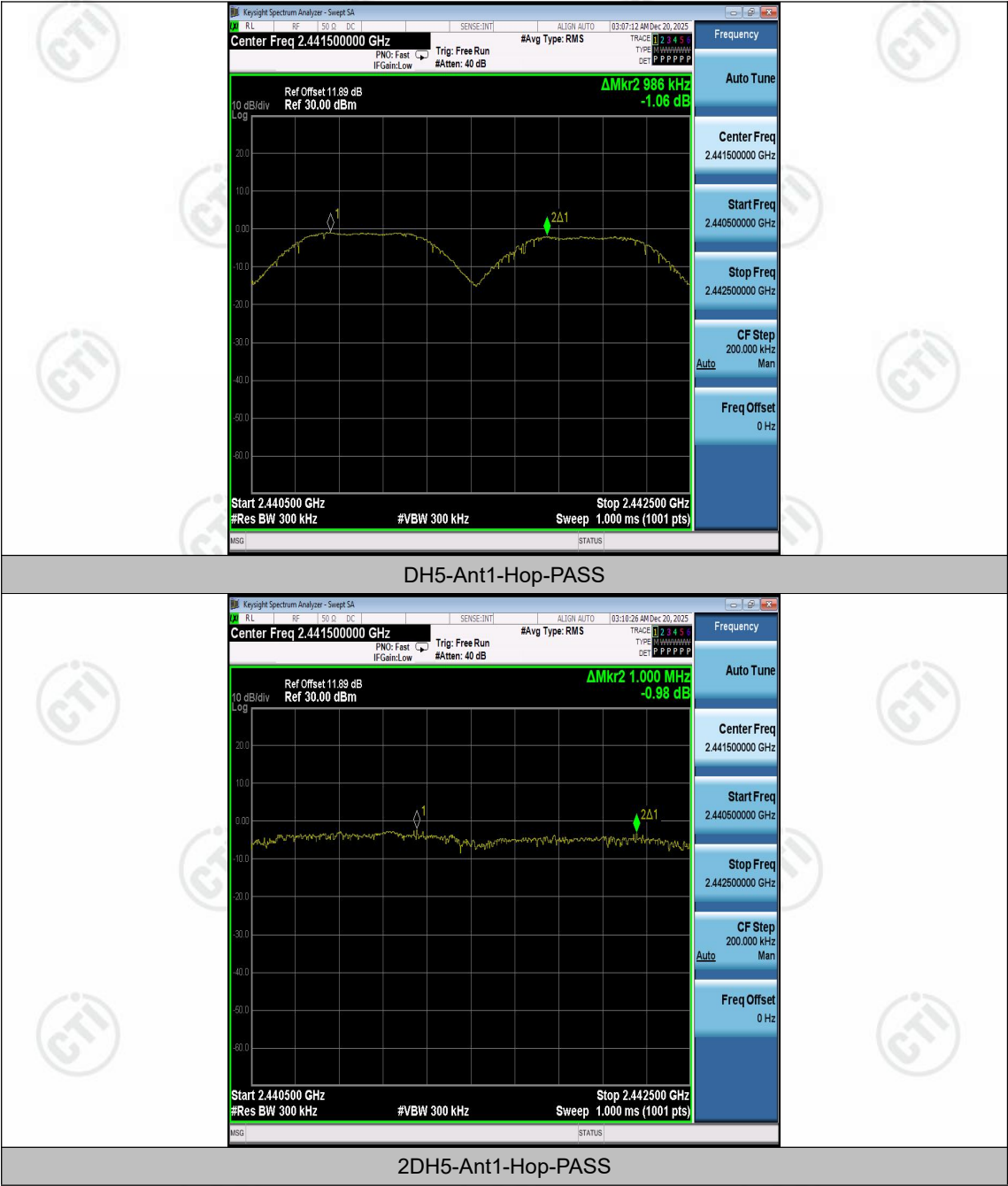


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.986	≥0.945	PASS
2DH5	Ant1	Hop	1	≥0.848	PASS

Test Graphs

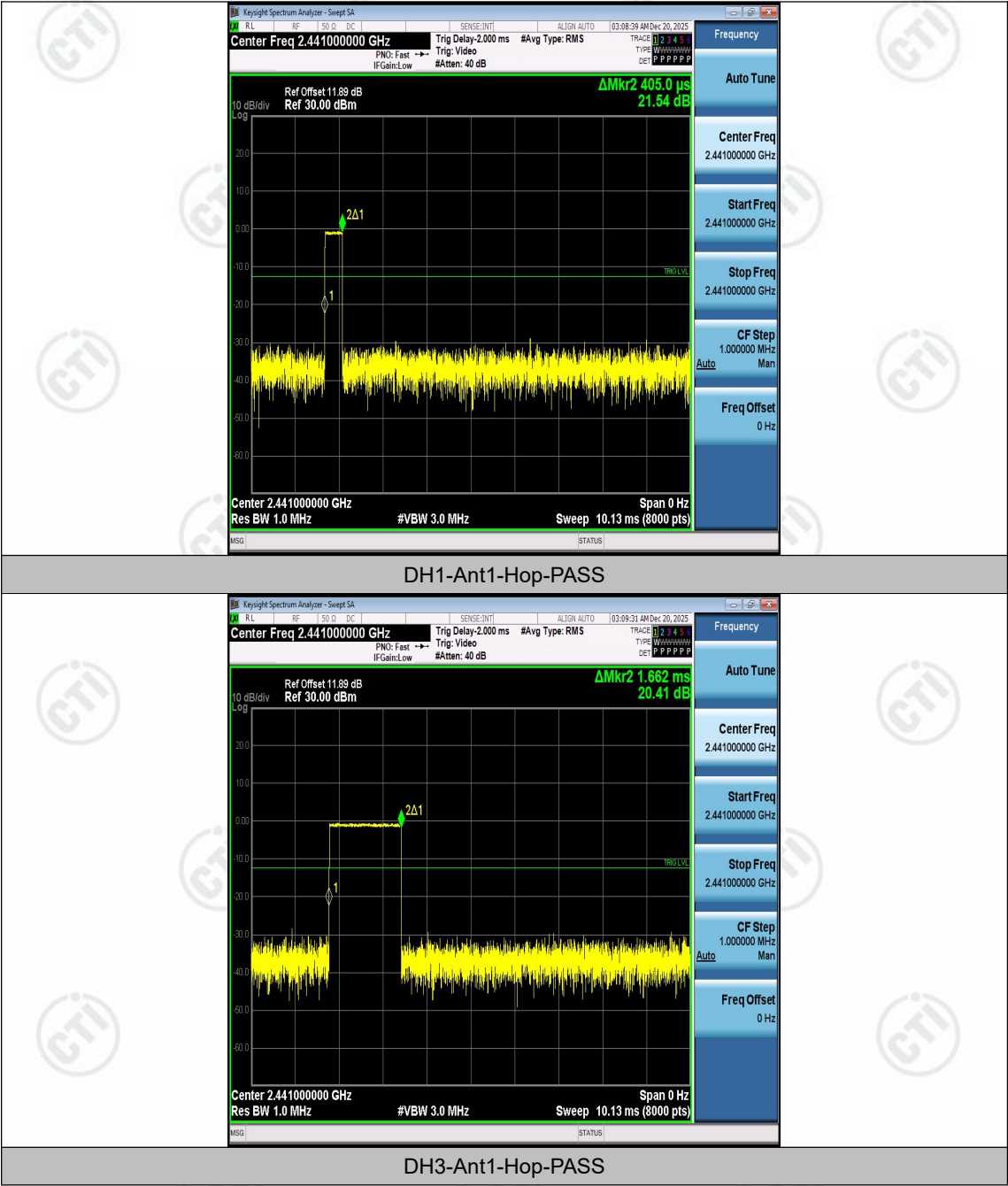


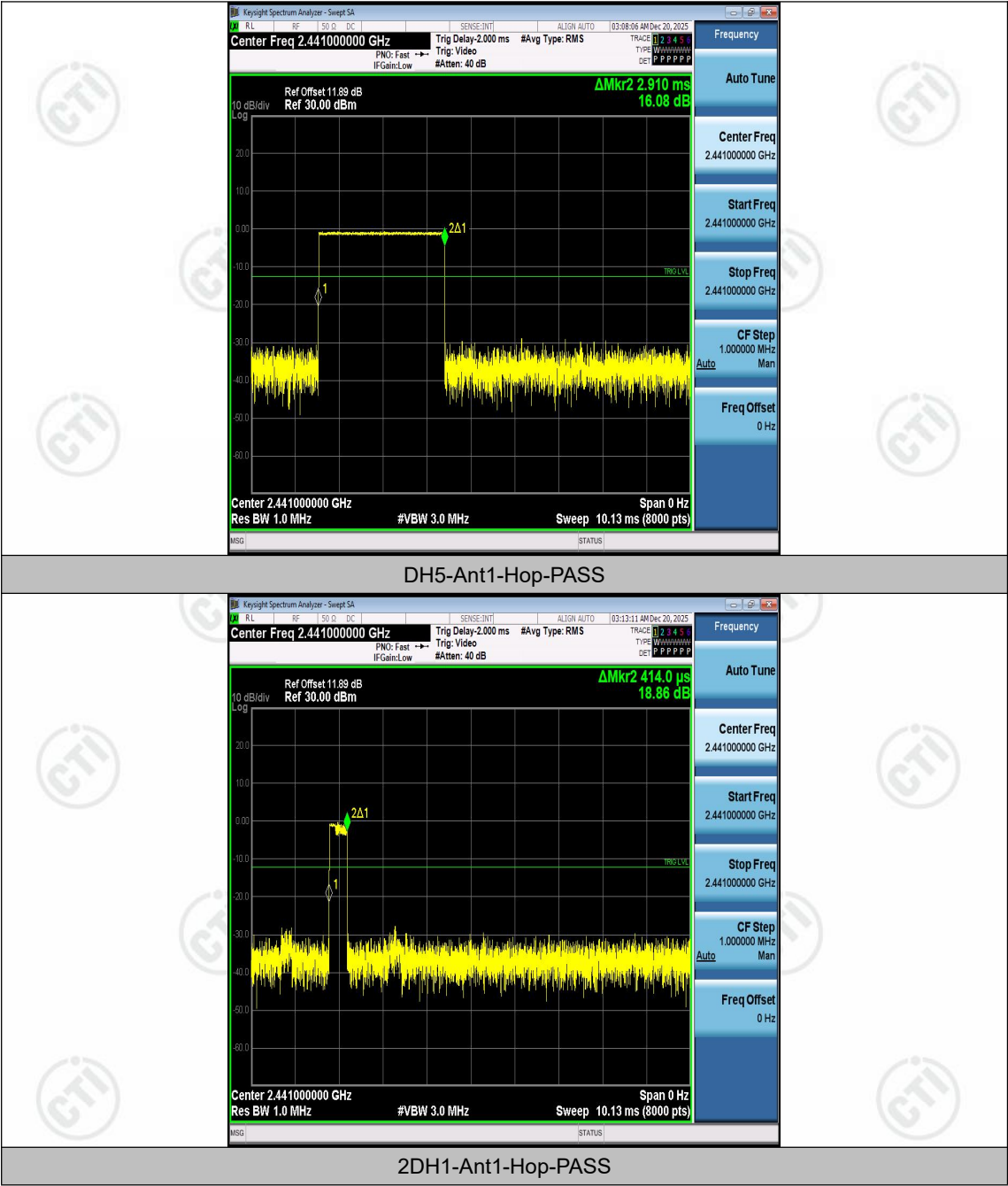
Appendix E: Time of occupancy

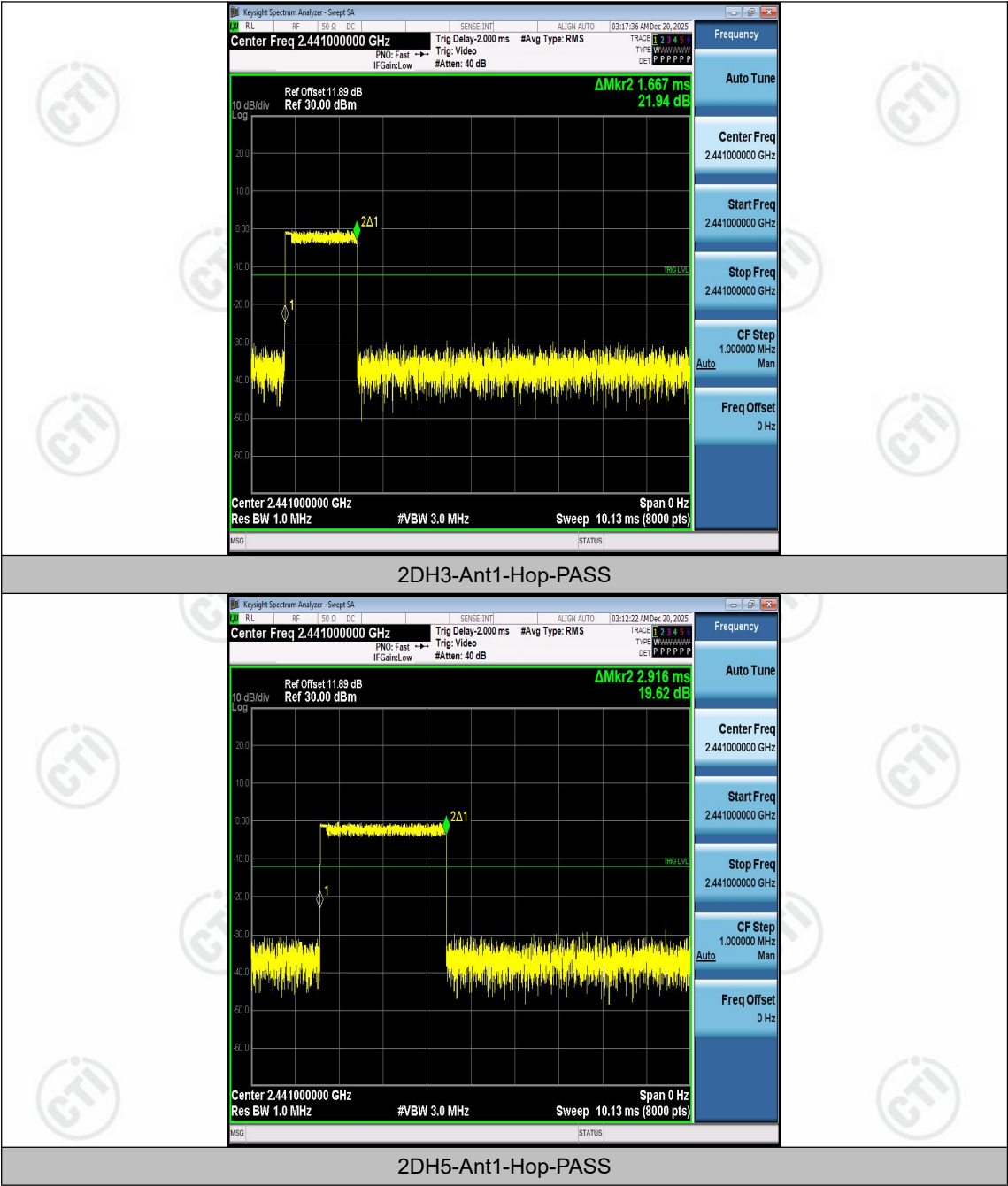
Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.405	320	0.13	≤0.4	PASS
DH3	Ant1	Hop	1.662	160	0.266	≤0.4	PASS
DH5	Ant1	Hop	2.910	106.67	0.31	≤0.4	PASS
2DH1	Ant1	Hop	0.414	320	0.132	≤0.4	PASS
2DH3	Ant1	Hop	1.667	160	0.267	≤0.4	PASS
2DH5	Ant1	Hop	2.916	106.67	0.311	≤0.4	PASS

Test Graphs





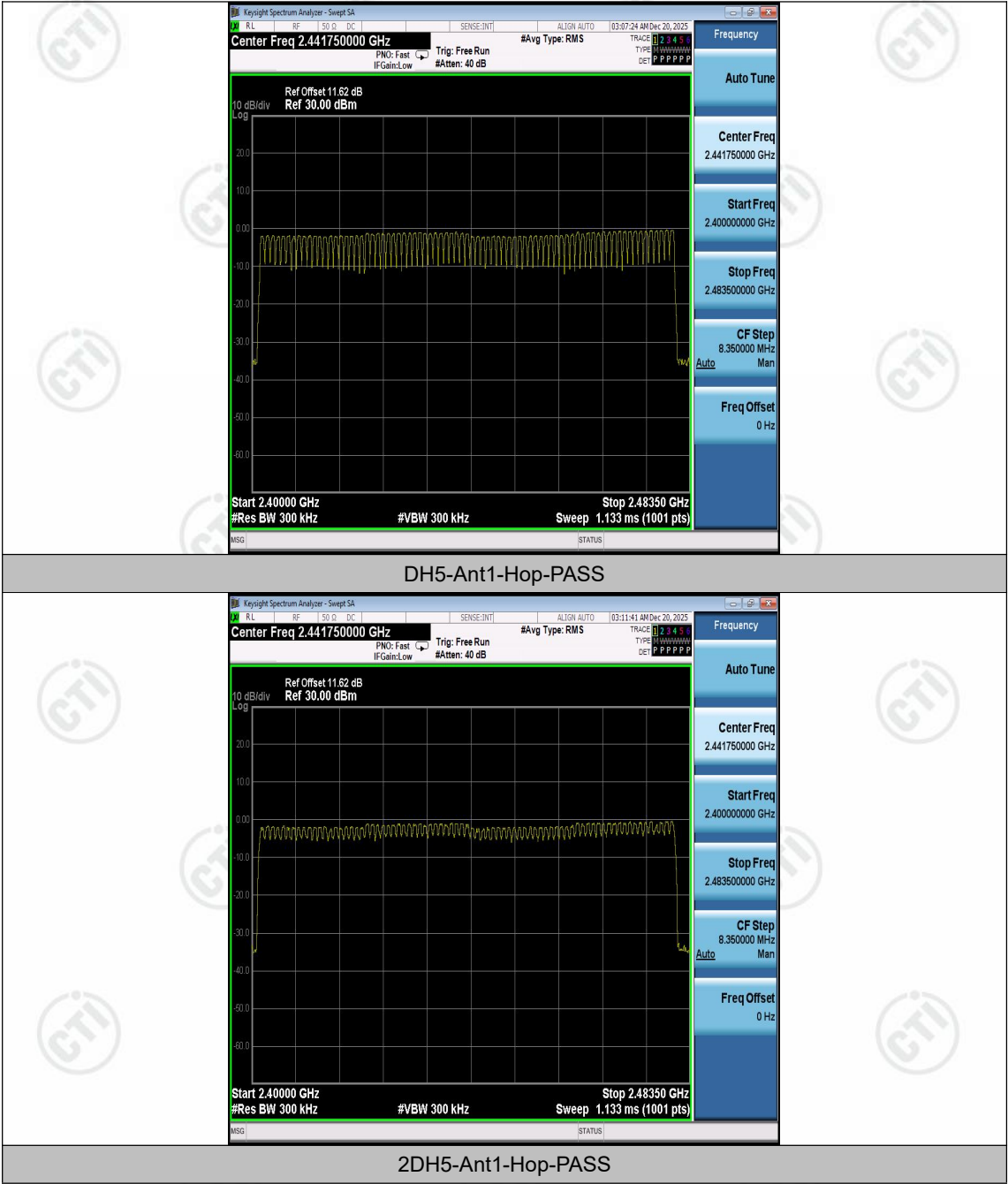


Appendix F: Number of hopping channels

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

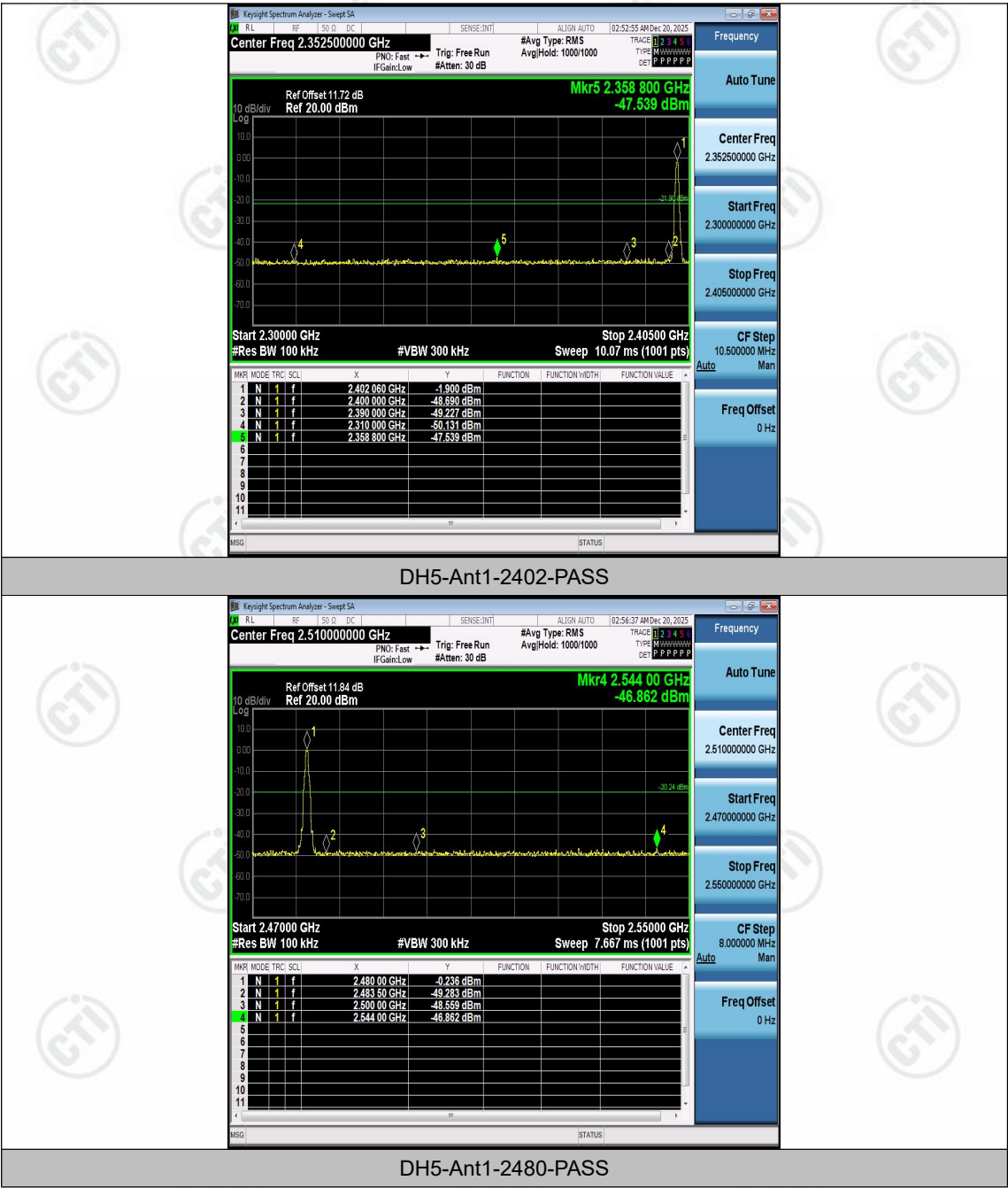


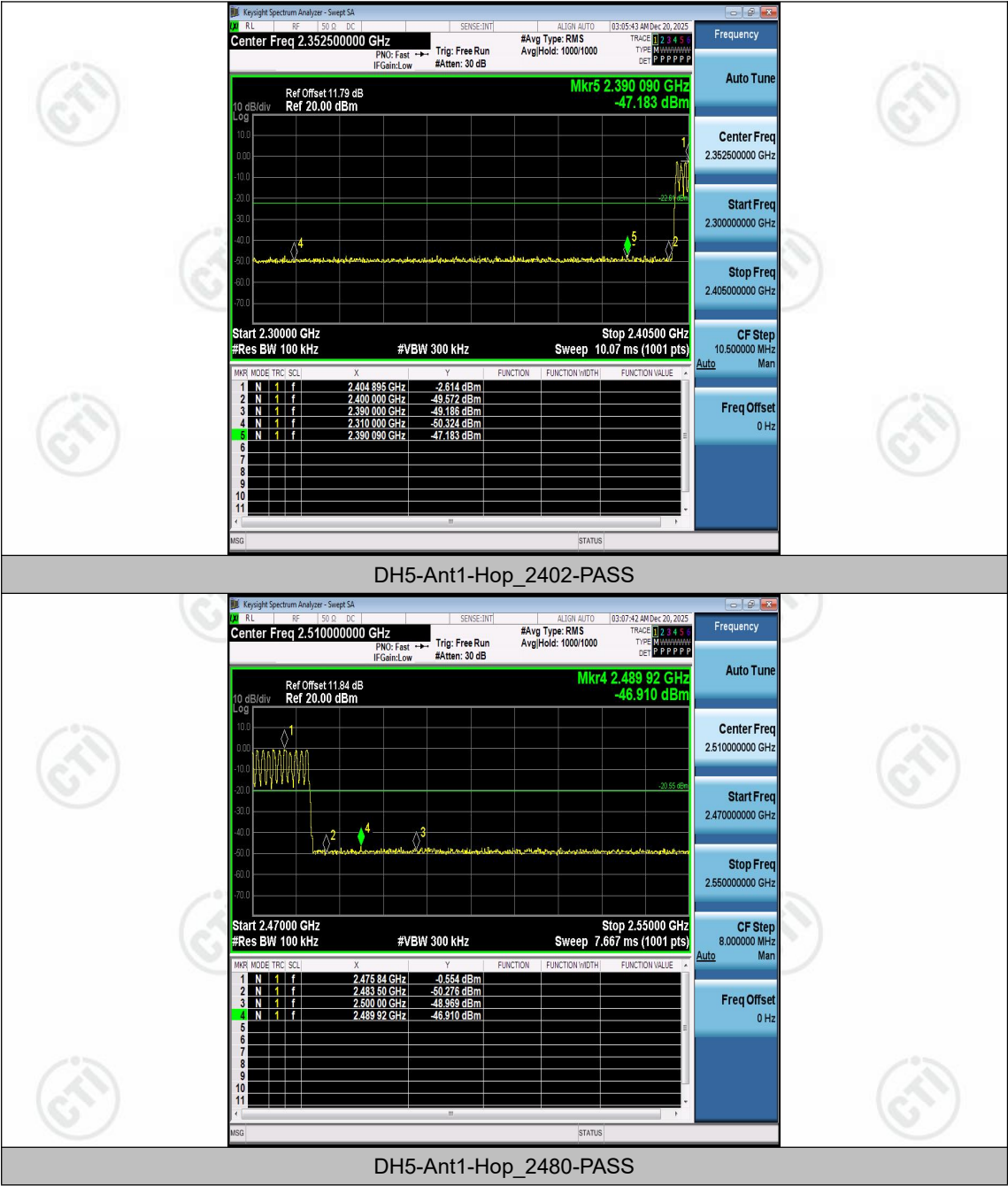
Appendix G: Band edge measurements

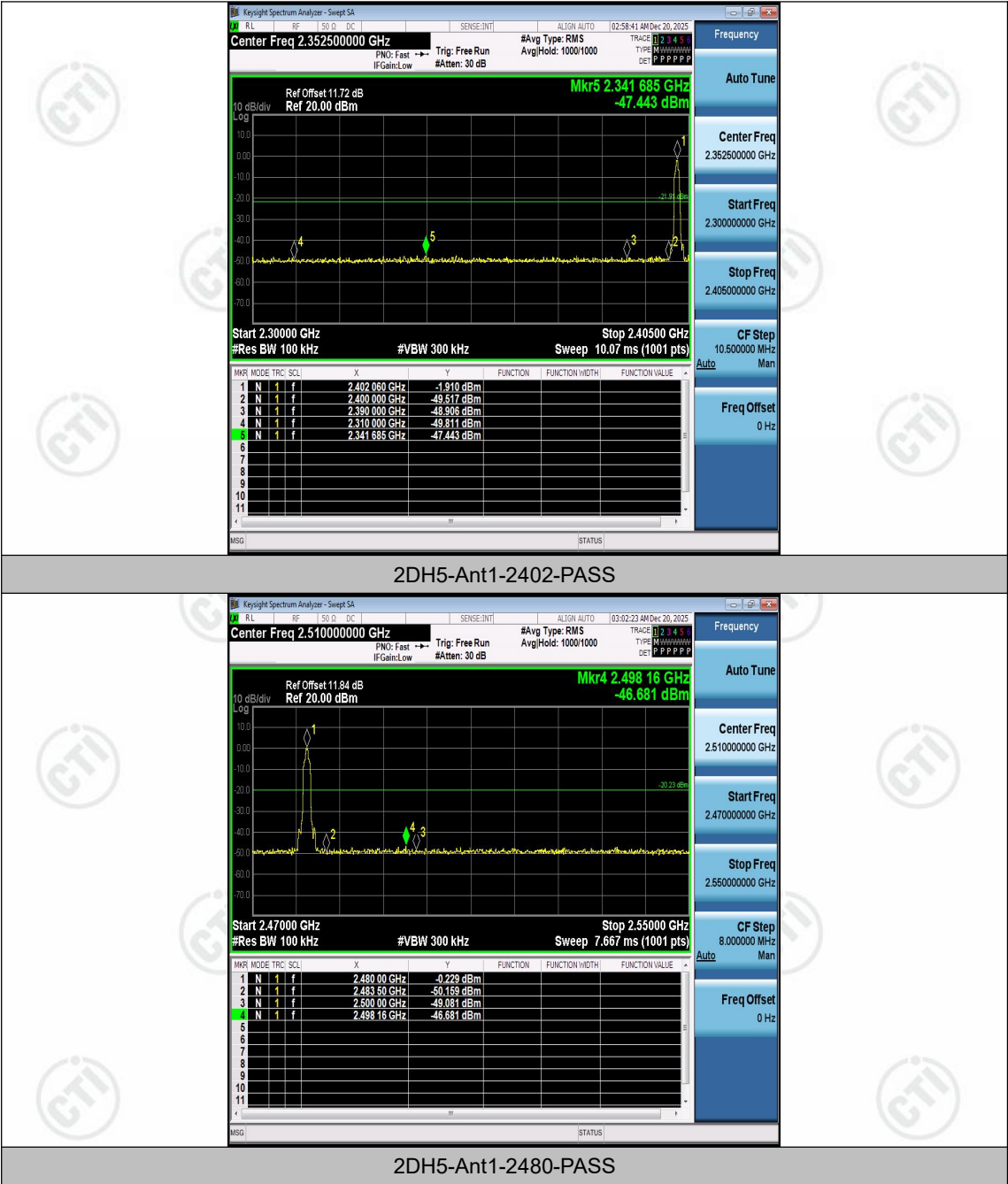
Test Result

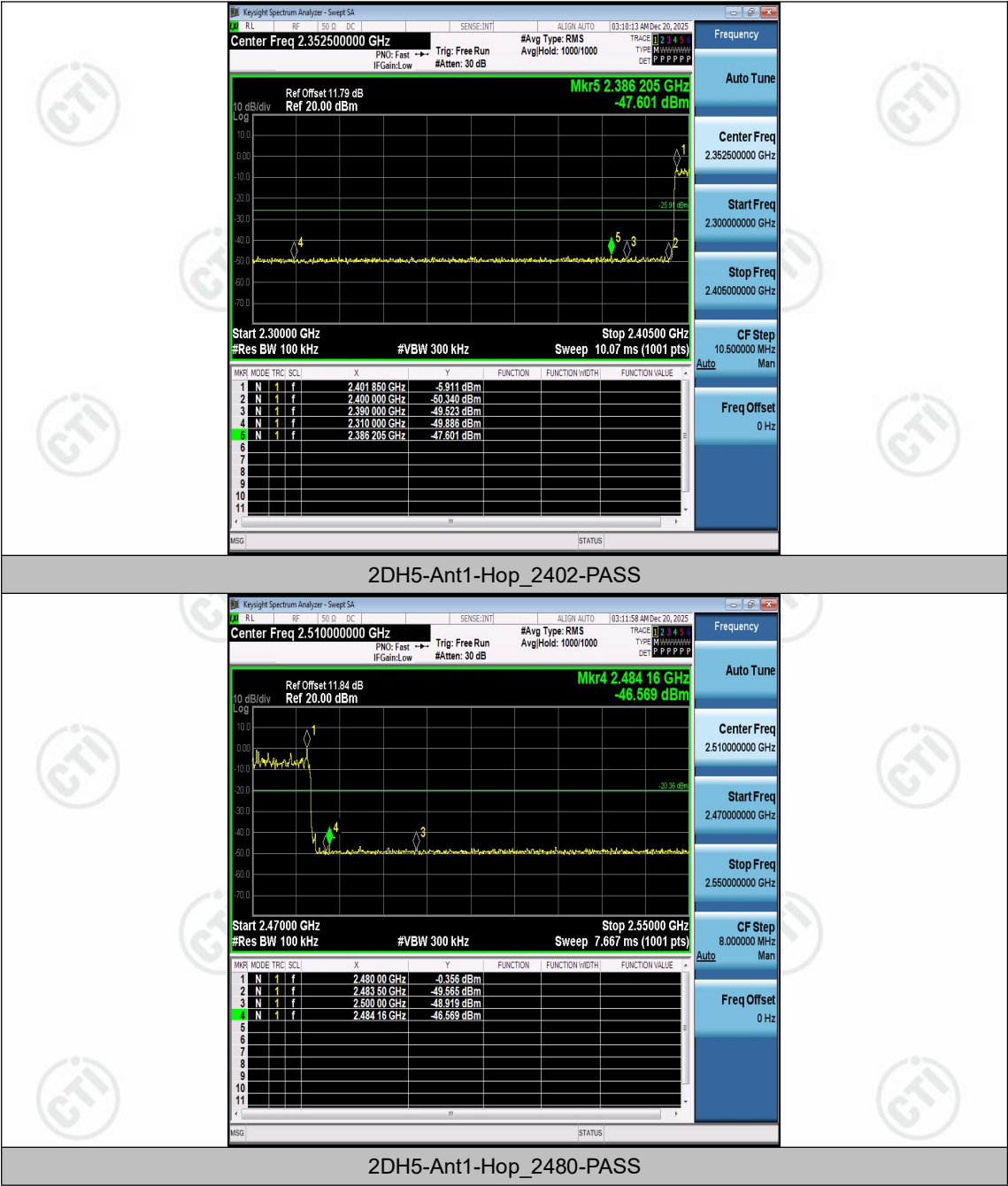
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.90	-47.54	≤-21.9	PASS
DH5	Ant1	High	2480	-0.24	-46.86	≤-20.24	PASS
DH5	Ant1	Low	Hop_2402	-2.61	-47.18	≤-22.61	PASS
DH5	Ant1	High	Hop_2480	-0.55	-46.91	≤-20.55	PASS
2DH5	Ant1	Low	2402	-1.91	-47.44	≤-21.91	PASS
2DH5	Ant1	High	2480	-0.23	-46.68	≤-20.23	PASS
2DH5	Ant1	Low	Hop_2402	-5.91	-47.6	≤-25.91	PASS
2DH5	Ant1	High	Hop_2480	-0.36	-46.57	≤-20.36	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	-2.09	-2.09	---	PASS
DH5	Ant1	2402	30~1000	-2.09	-59.39	≤-22.09	PASS
DH5	Ant1	2402	1000~26500	-2.09	-49.45	≤-22.09	PASS
DH5	Ant1	2441	0~Reference	-1.09	-1.09	---	PASS
DH5	Ant1	2441	30~1000	-1.09	-59.12	≤-21.09	PASS
DH5	Ant1	2441	1000~26500	-1.09	-49.33	≤-21.09	PASS
DH5	Ant1	2480	0~Reference	-0.40	-0.40	---	PASS
DH5	Ant1	2480	30~1000	-0.40	-59.29	≤-20.4	PASS
DH5	Ant1	2480	1000~26500	-0.40	-49.26	≤-20.4	PASS
2DH5	Ant1	2402	0~Reference	-2.24	-2.24	---	PASS
2DH5	Ant1	2402	30~1000	-2.24	-59.75	≤-22.24	PASS
2DH5	Ant1	2402	1000~26500	-2.24	-51.39	≤-22.24	PASS
2DH5	Ant1	2441	0~Reference	-1.07	-1.07	---	PASS
2DH5	Ant1	2441	30~1000	-1.07	-59.84	≤-21.07	PASS
2DH5	Ant1	2441	1000~26500	-1.07	-51.2	≤-21.07	PASS
2DH5	Ant1	2480	0~Reference	-0.42	-0.42	---	PASS
2DH5	Ant1	2480	30~1000	-0.42	-47.48	≤-20.42	PASS
2DH5	Ant1	2480	1000~26500	-0.42	-50.82	≤-20.42	PASS

Test Graphs



