

Appendix: Bluetooth Classic

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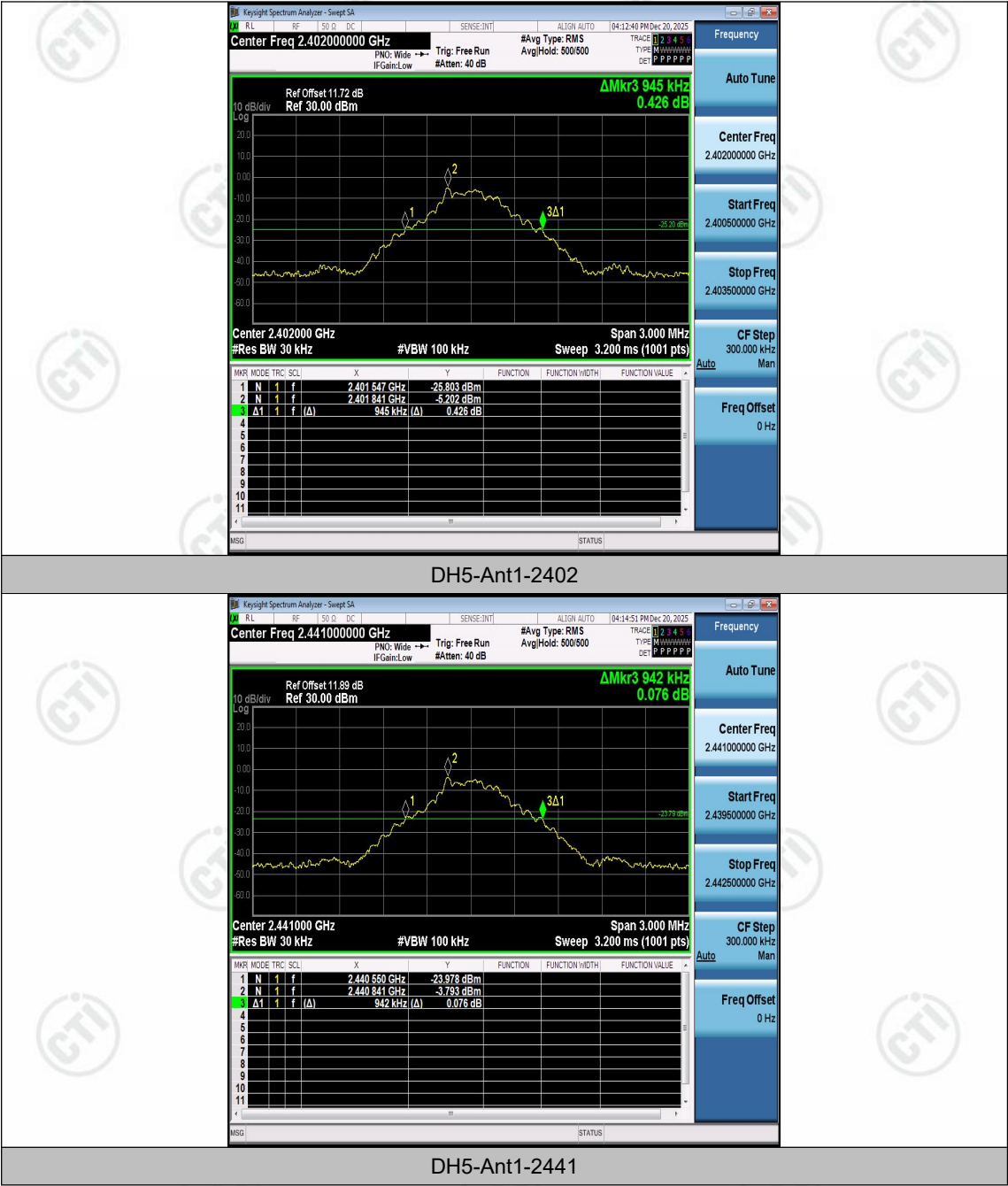
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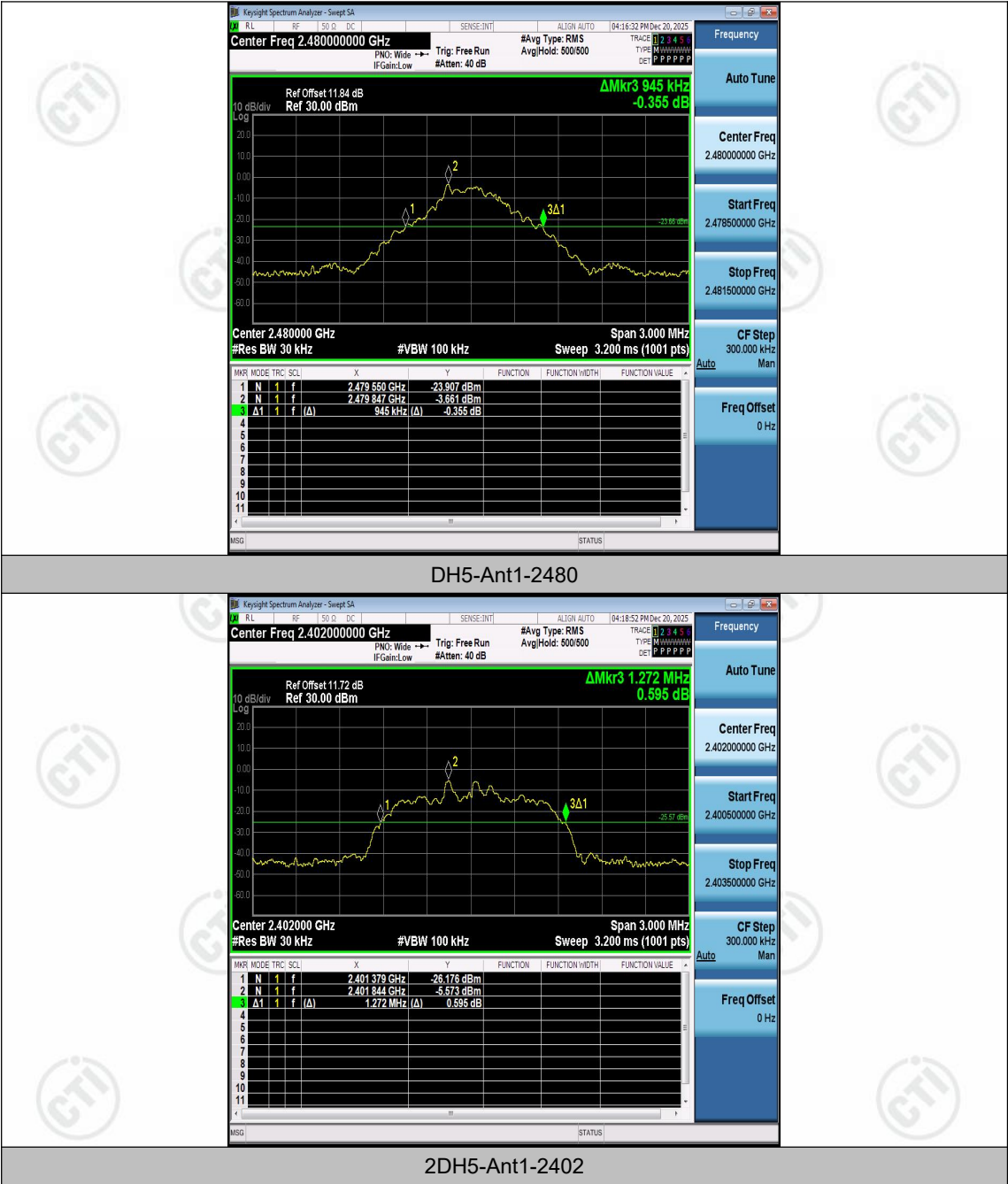
Appendix A: 20dB Emission Bandwidth

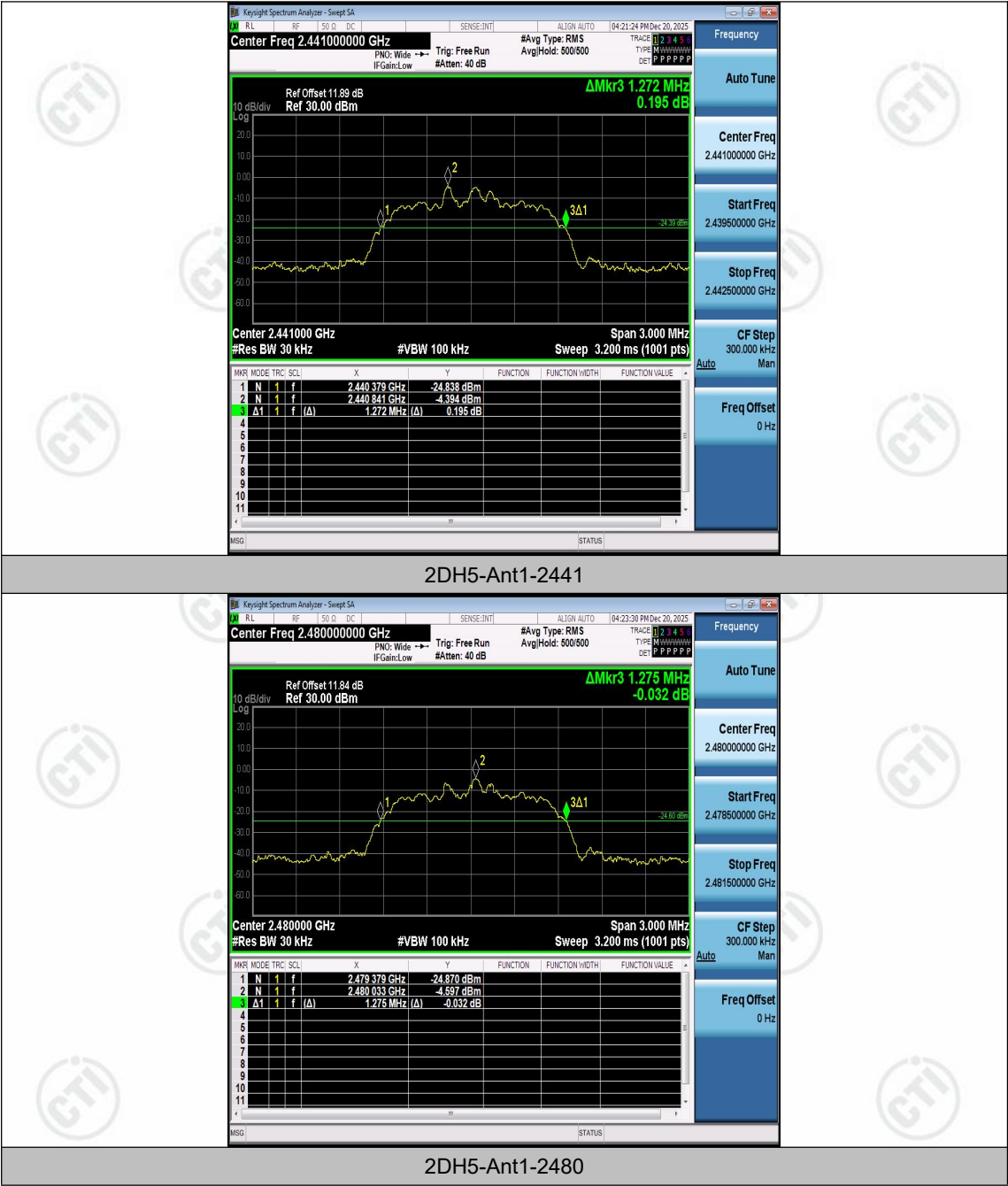
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.945	2401.547	2402.492	---	---
DH5	Ant1	2441	0.942	2440.550	2441.492	---	---
DH5	Ant1	2480	0.945	2479.550	2480.495	---	---
2DH5	Ant1	2402	1.272	2401.379	2402.651	---	---
2DH5	Ant1	2441	1.272	2440.379	2441.651	---	---
2DH5	Ant1	2480	1.275	2479.379	2480.654	---	---

Test Graphs





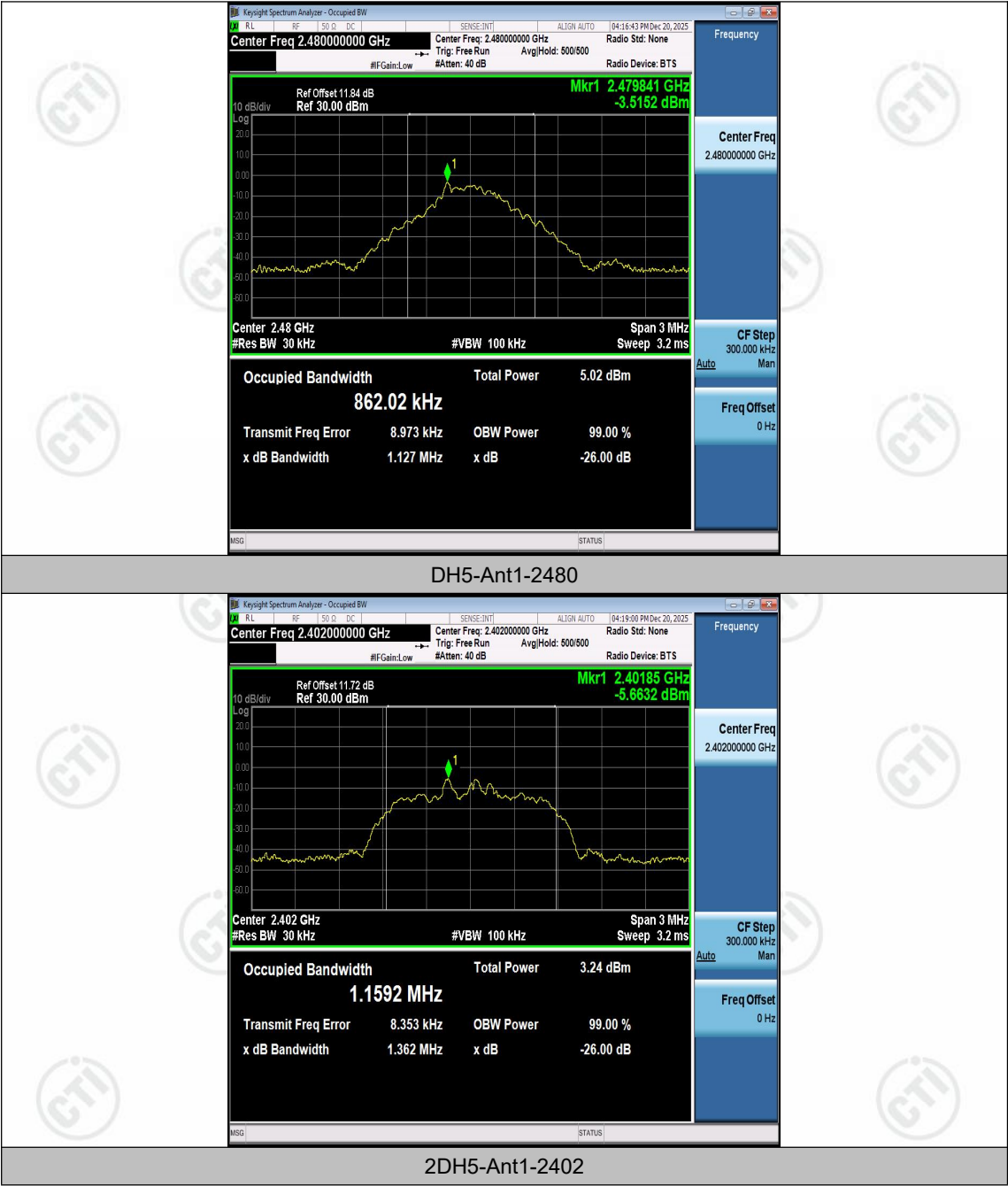


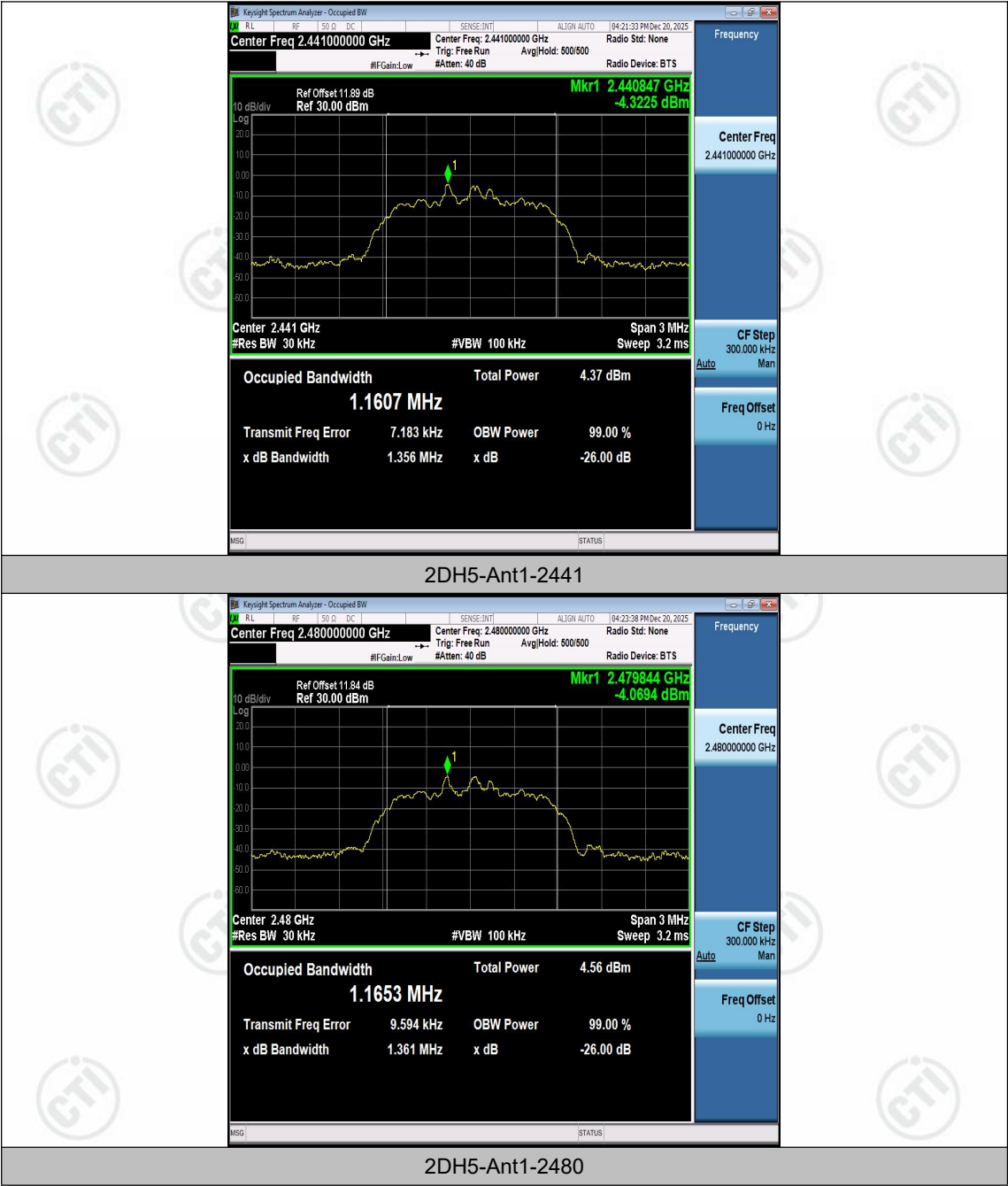
Appendix B: Occupied Channel Bandwidth**Test Result**

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MH z]	Verdict
DH5	Ant1	2402	0.86207	2401.5774	2402.4394	---	---
DH5	Ant1	2441	0.85838	2440.5798	2441.4382	---	---
DH5	Ant1	2480	0.86202	2479.5780	2480.4400	---	---
2DH5	Ant1	2402	1.1592	2401.4288	2402.5880	---	---
2DH5	Ant1	2441	1.1607	2440.4268	2441.5875	---	---
2DH5	Ant1	2480	1.1653	2479.4269	2480.5922	---	---

Test Graphs





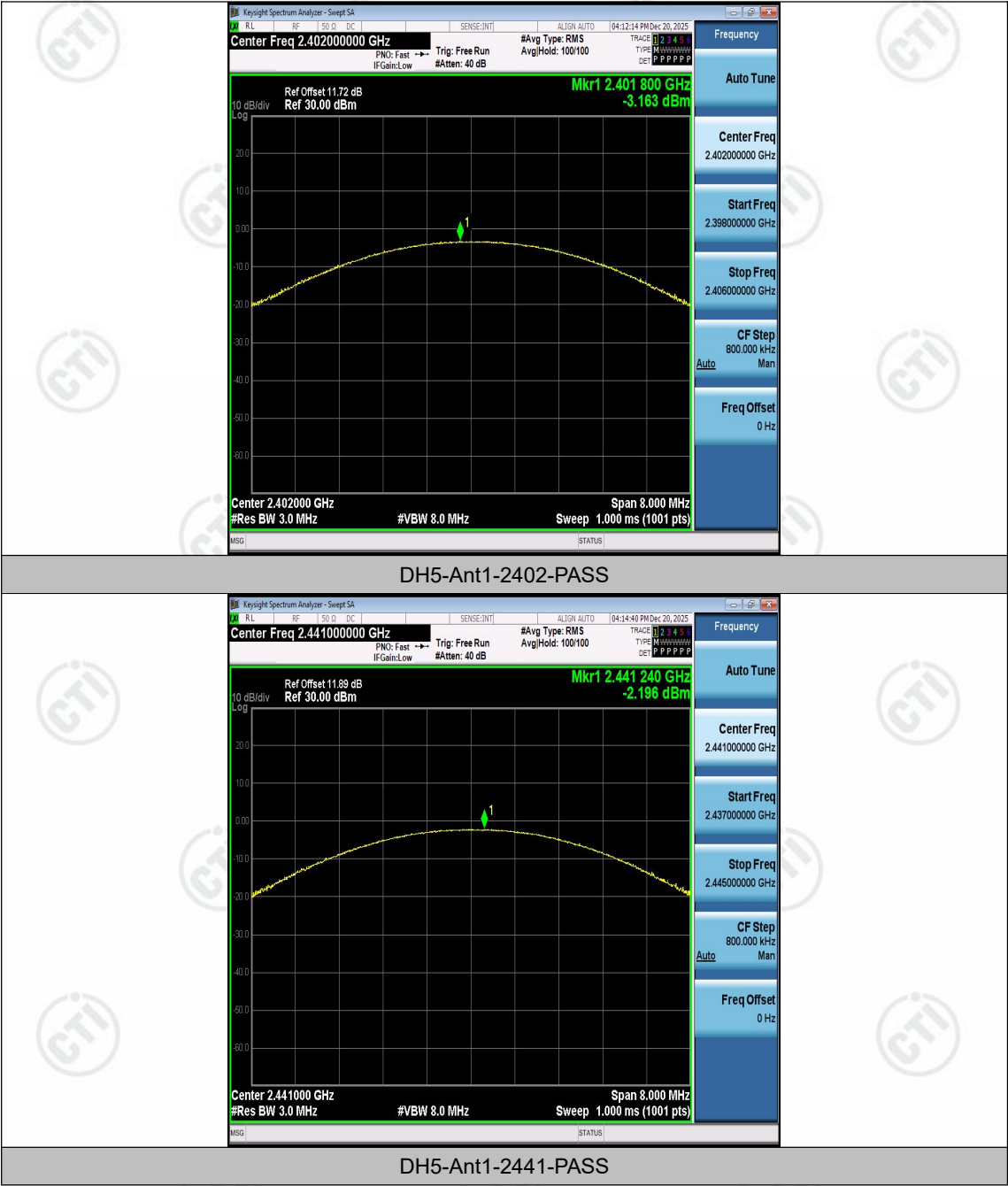


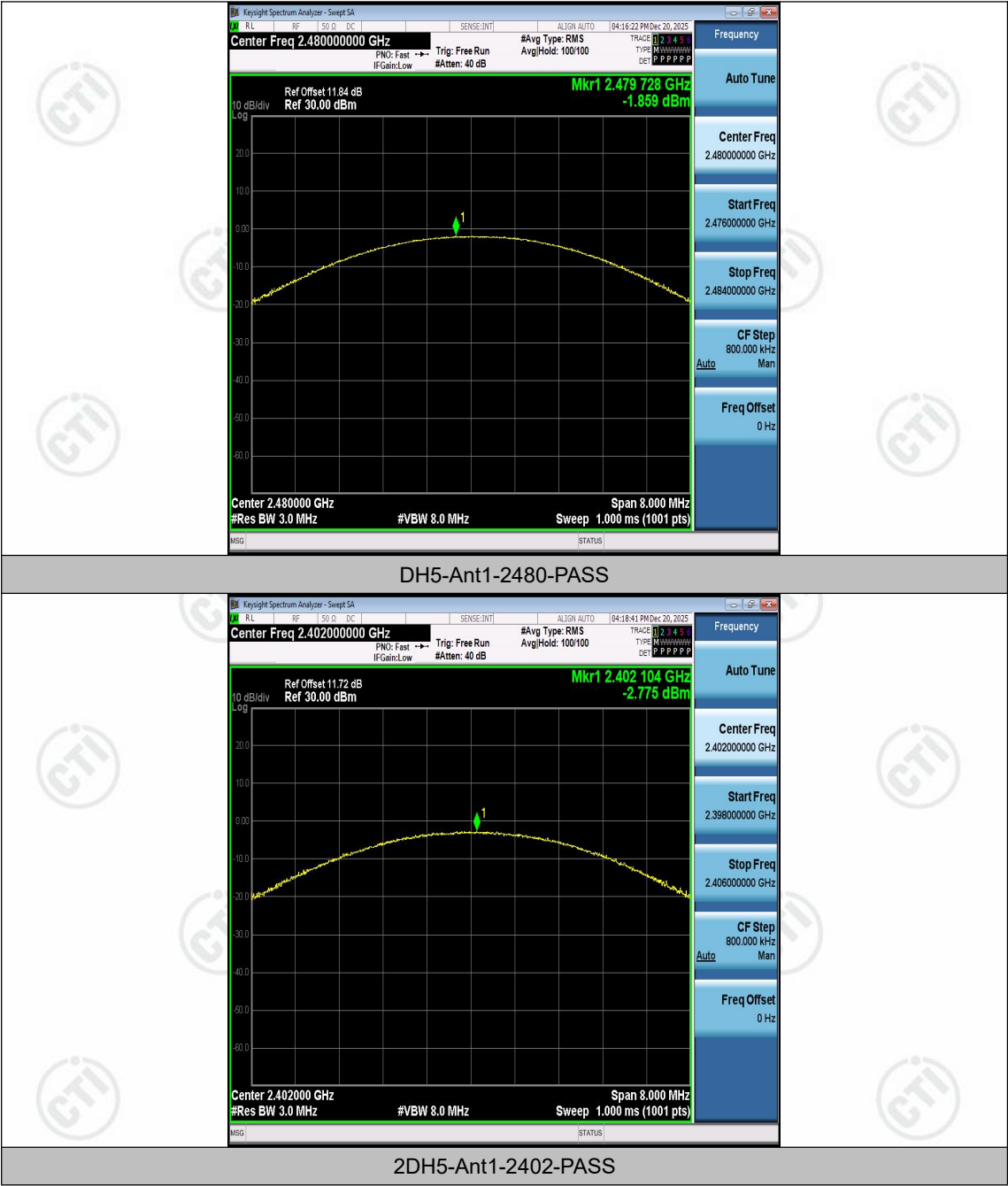
Appendix C: Maximum conducted output power

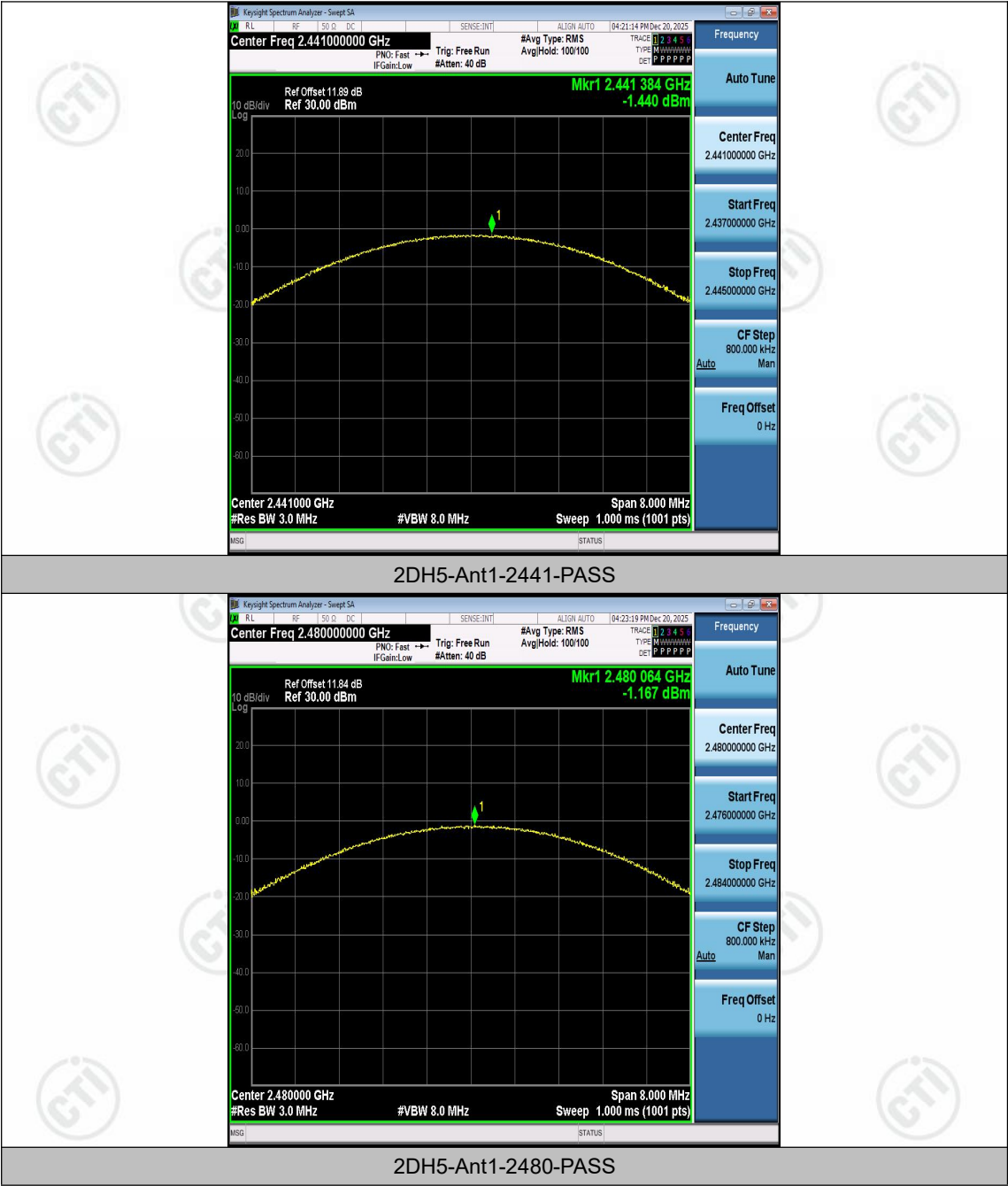
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-3.16	≤30	PASS
DH5	Ant1	2441	-2.20	≤20.97	PASS
DH5	Ant1	2480	-1.86	≤20.97	PASS
2DH5	Ant1	2402	-2.78	≤30	PASS
2DH5	Ant1	2441	-1.44	≤20.97	PASS
2DH5	Ant1	2480	-1.17	≤20.97	PASS

Test Graphs





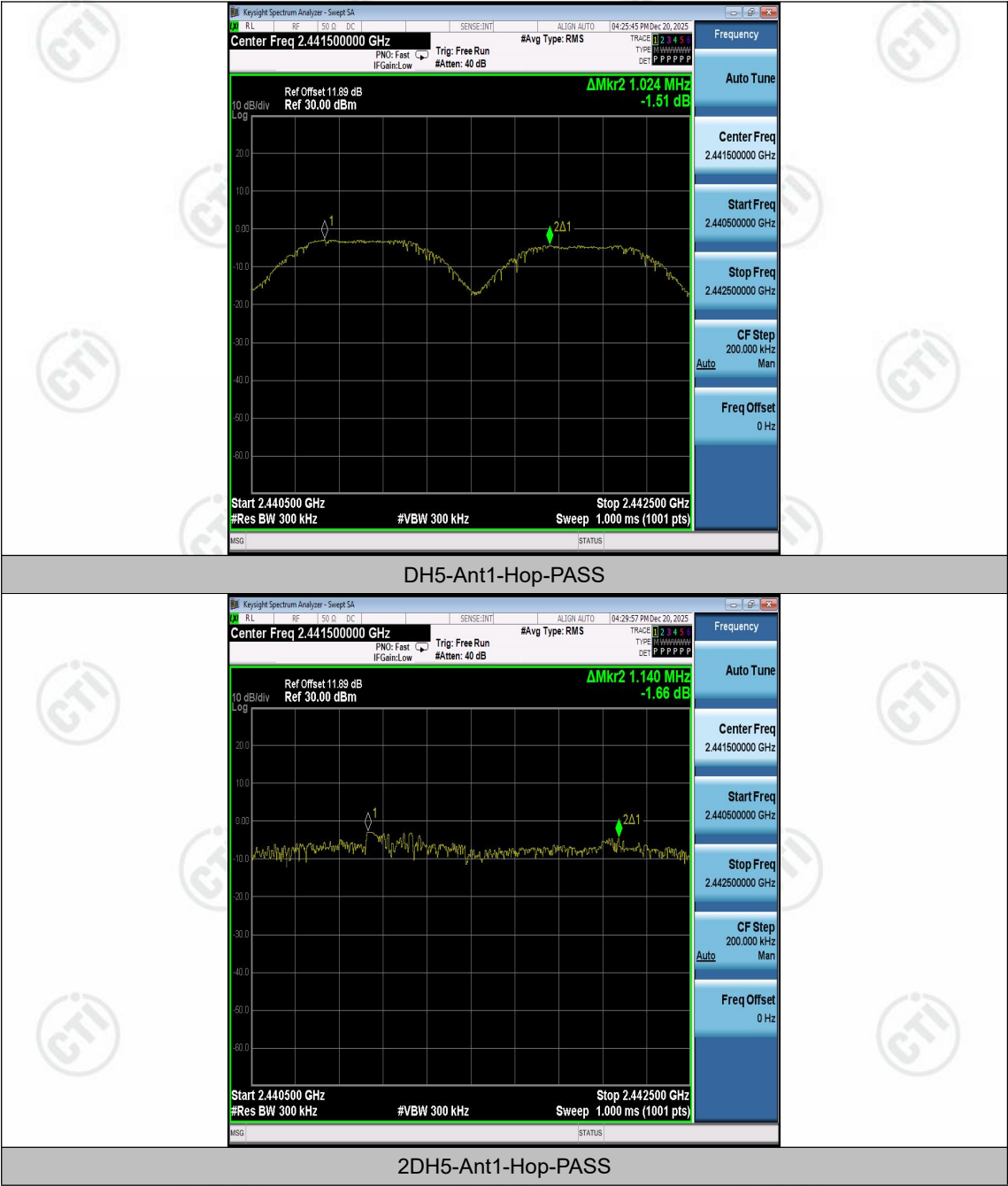


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.024	≥0.945	PASS
2DH5	Ant1	Hop	1.14	≥0.850	PASS

Test Graphs

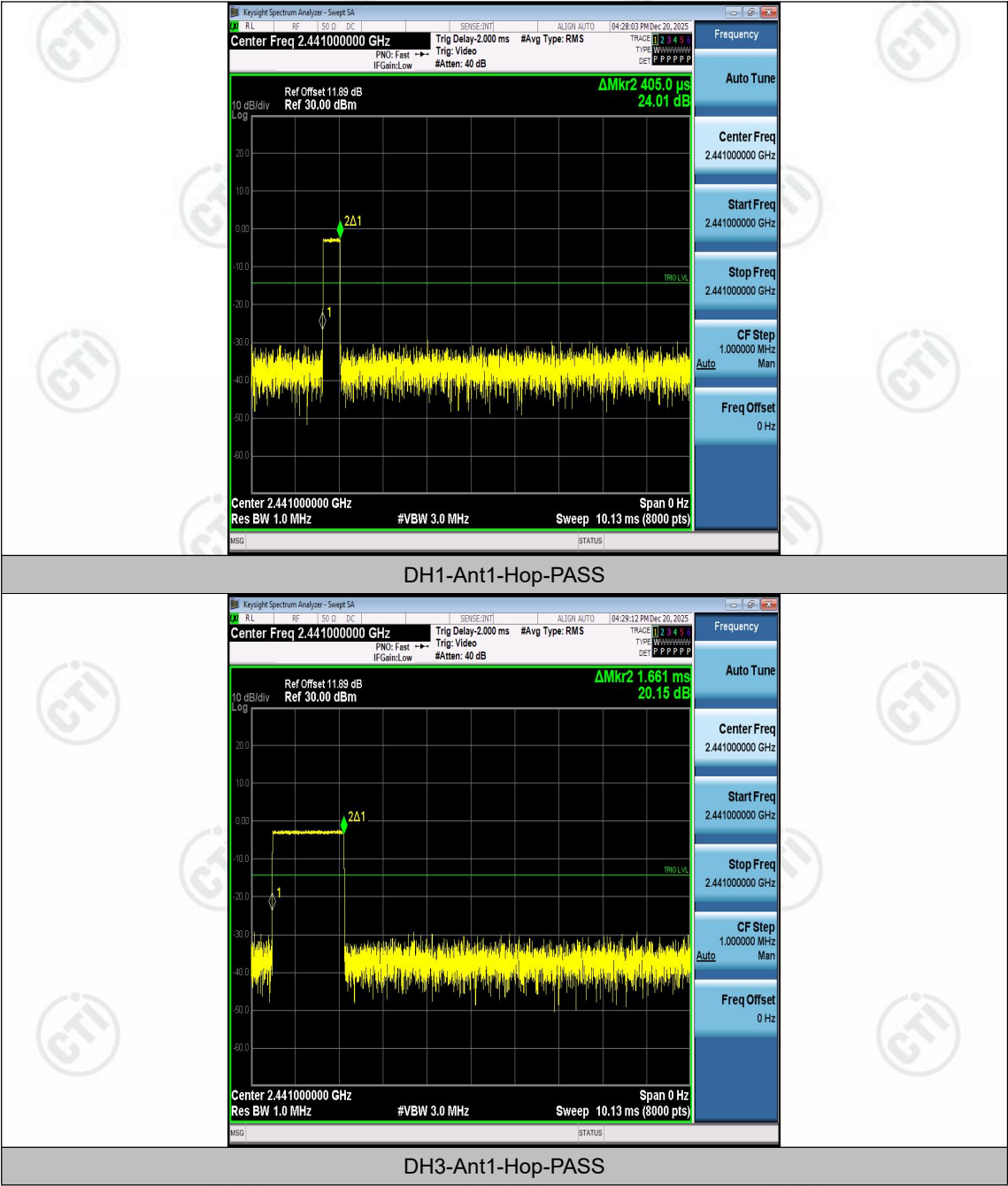


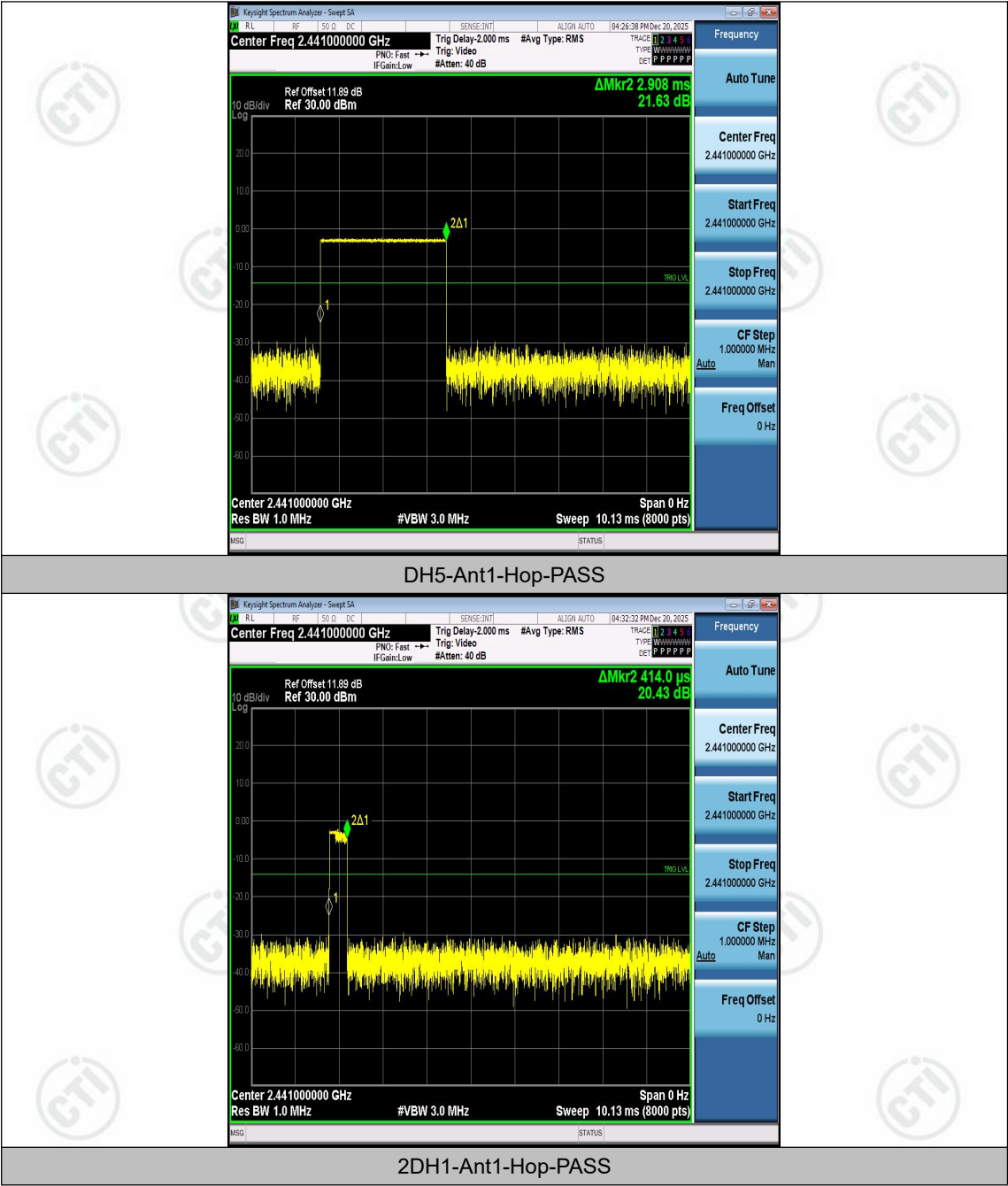
Appendix E: Time of occupancy

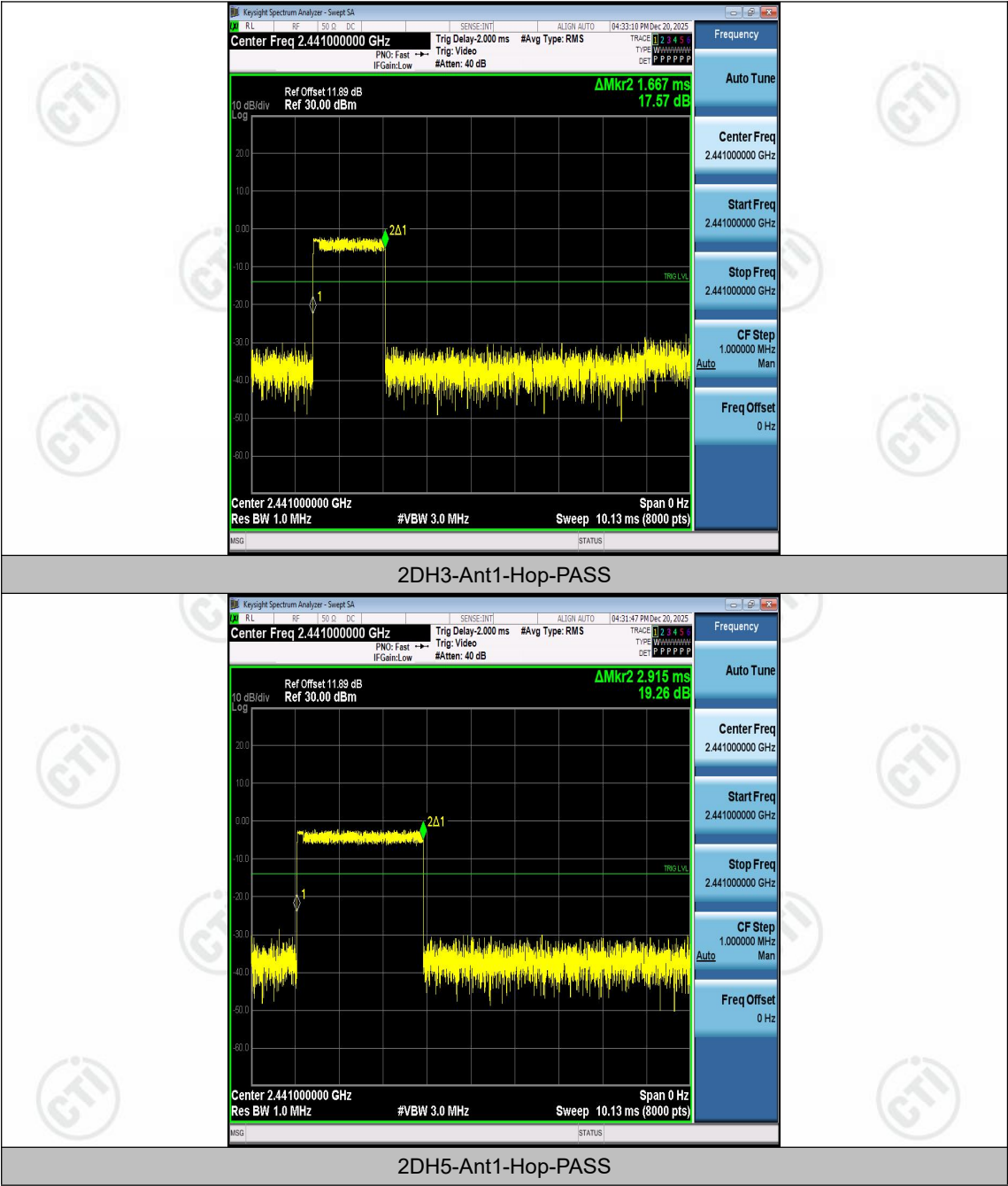
Test Result

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	1.661	160	0.266	≤0.4	PASS
DH5	Ant1	Hop	2.908	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	2.915	106.67	0.311	≤0.4	PASS

Test Graphs





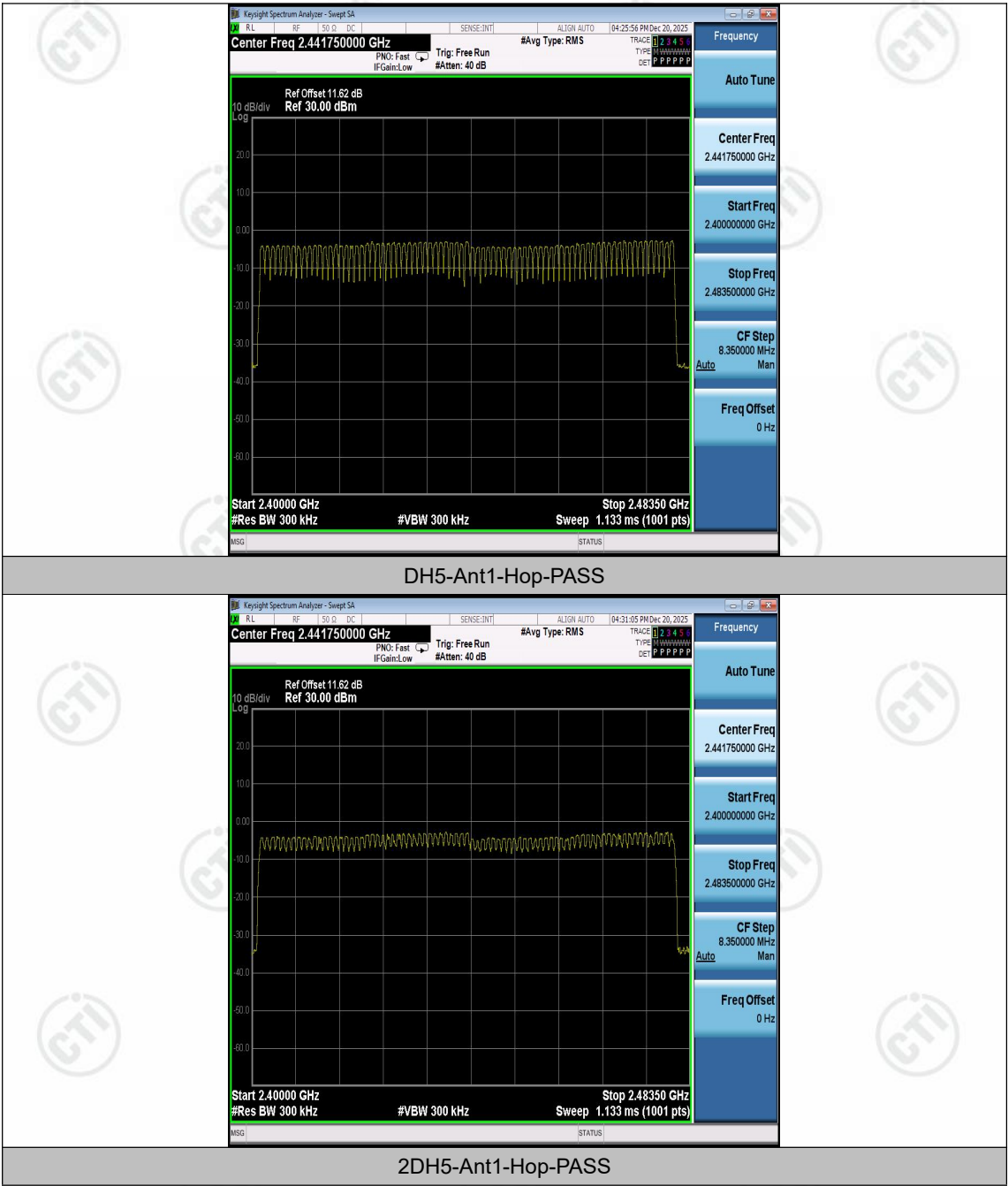


Appendix F: Number of hopping channels

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

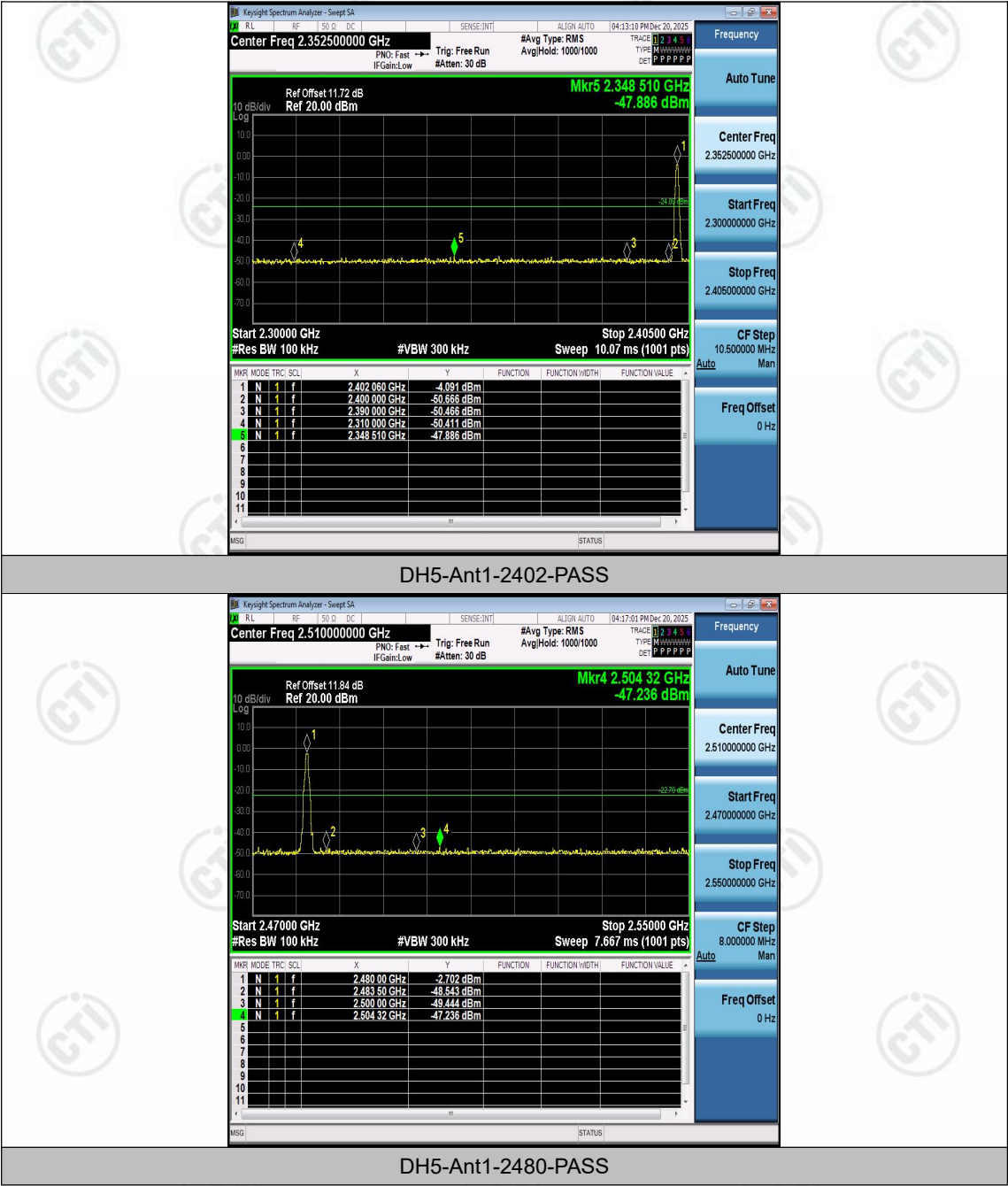


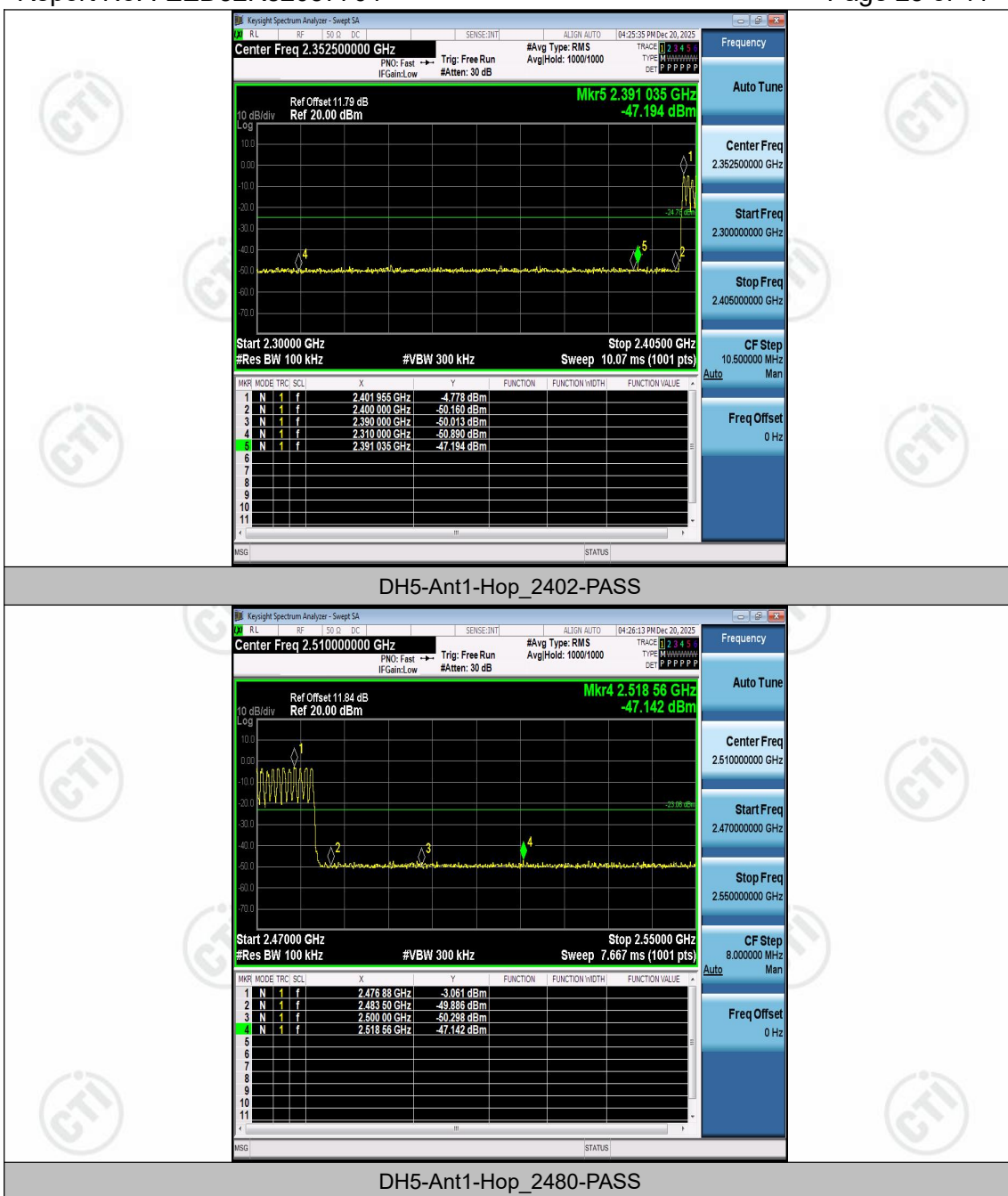
Appendix G: Band edge measurements

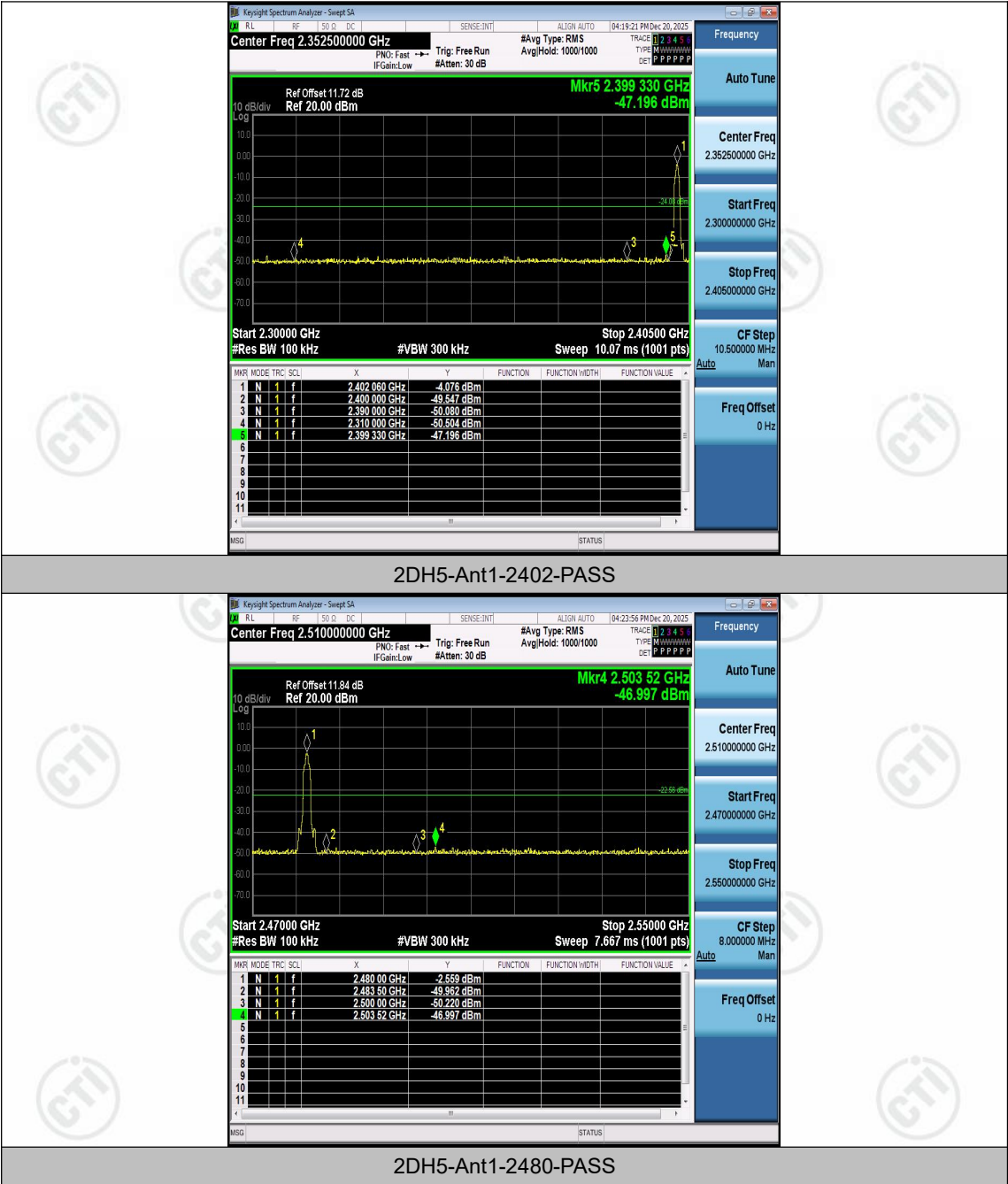
Test Result

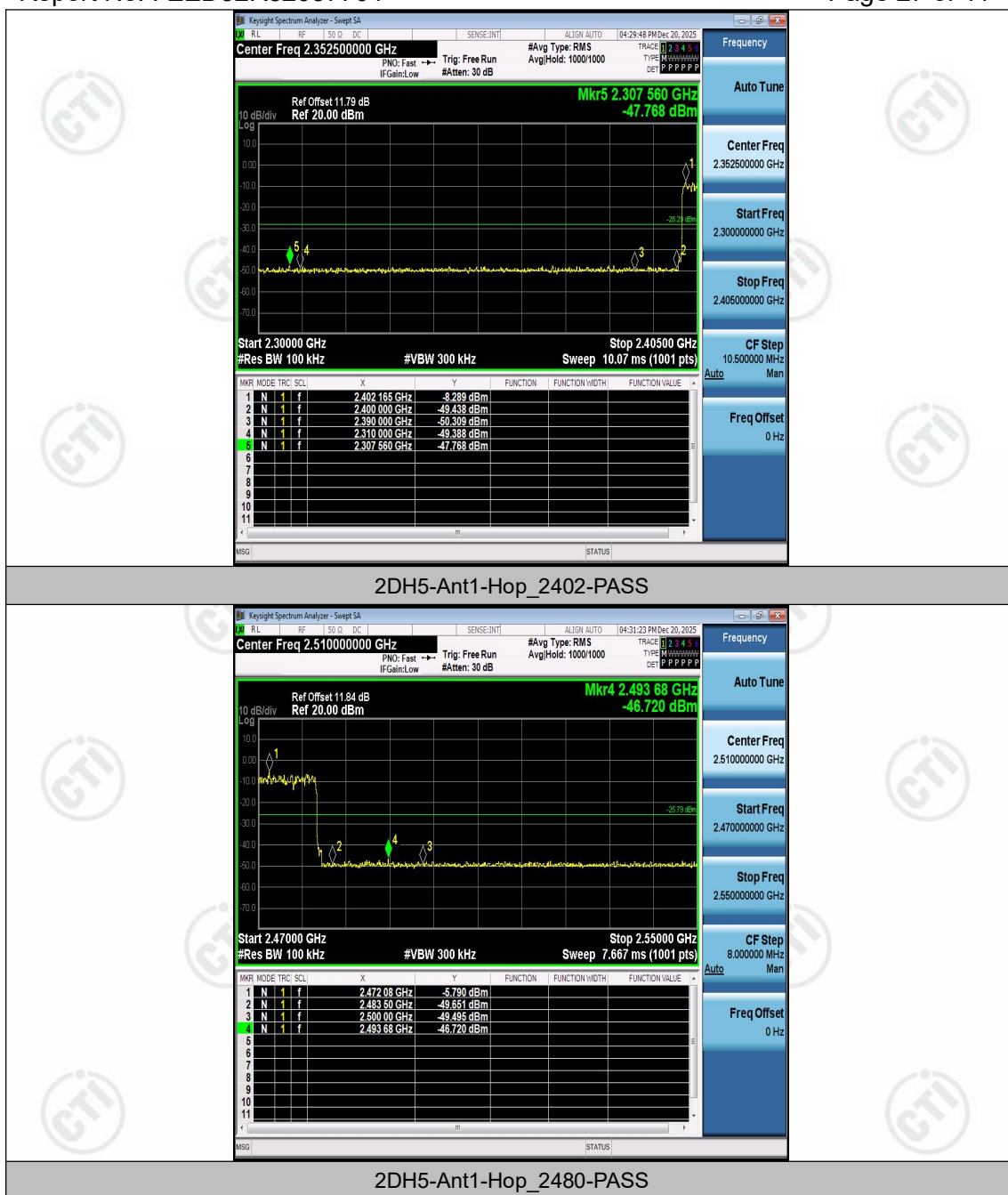
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.09	-47.89	≤-24.09	PASS
DH5	Ant1	High	2480	-2.70	-47.24	≤-22.7	PASS
DH5	Ant1	Low	Hop_2402	-4.78	-47.19	≤-24.78	PASS
DH5	Ant1	High	Hop_2480	-3.06	-47.14	≤-23.06	PASS
2DH5	Ant1	Low	2402	-4.08	-47.2	≤-24.08	PASS
2DH5	Ant1	High	2480	-2.56	-47	≤-22.56	PASS
2DH5	Ant1	Low	Hop_2402	-8.29	-47.77	≤-28.29	PASS
2DH5	Ant1	High	Hop_2480	-5.79	-46.72	≤-25.79	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	-4.28	-4.28	---	PASS
DH5	Ant1	2402	30~1000	-4.28	-59.71	≤-24.28	PASS
DH5	Ant1	2402	1000~26500	-4.28	-51.34	≤-24.28	PASS
DH5	Ant1	2441	0~Reference	-3.09	-3.09	---	PASS
DH5	Ant1	2441	30~1000	-3.09	-60.02	≤-23.09	PASS
DH5	Ant1	2441	1000~26500	-3.09	-50.94	≤-23.09	PASS
DH5	Ant1	2480	0~Reference	-2.76	-2.76	---	PASS
DH5	Ant1	2480	30~1000	-2.76	-59.81	≤-22.76	PASS
DH5	Ant1	2480	1000~26500	-2.76	-50.74	≤-22.76	PASS
2DH5	Ant1	2402	0~Reference	-4.50	-4.50	---	PASS
2DH5	Ant1	2402	30~1000	-4.50	-59.9	≤-24.5	PASS
2DH5	Ant1	2402	1000~26500	-4.50	-51.96	≤-24.5	PASS
2DH5	Ant1	2441	0~Reference	-3.21	-3.21	---	PASS
2DH5	Ant1	2441	30~1000	-3.21	-58.66	≤-23.21	PASS
2DH5	Ant1	2441	1000~26500	-3.21	-51.02	≤-23.21	PASS
2DH5	Ant1	2480	0~Reference	-3.03	-3.03	---	PASS
2DH5	Ant1	2480	30~1000	-3.03	-59.56	≤-23.03	PASS
2DH5	Ant1	2480	1000~26500	-3.03	-51.61	≤-23.03	PASS

Test Graphs

