

FCC Appendix RF Test Data

FCC ID : 2BPTB-CTAB14

Company: : LEON TRADE(H.K.)CO.,LIMITED.

EUT : 14 inch Tablet

Model Number : Ctab 14

Report No. : CTA25050802506

Reviewed By : Eric Wang

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.954	2401.550	2402.504	---	---
		2441	0.957	2440.547	2441.504	---	---
		2480	0.957	2479.547	2480.504	---	---
2DH5	Ant1	2402	1.284	2401.379	2402.663	---	---
		2441	1.272	2440.382	2441.654	---	---
		2480	1.278	2479.382	2480.660	---	---
3DH5	Ant1	2402	1.296	2401.361	2402.657	---	---
		2441	1.293	2440.364	2441.657	---	---
		2480	1.296	2479.361	2480.657	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

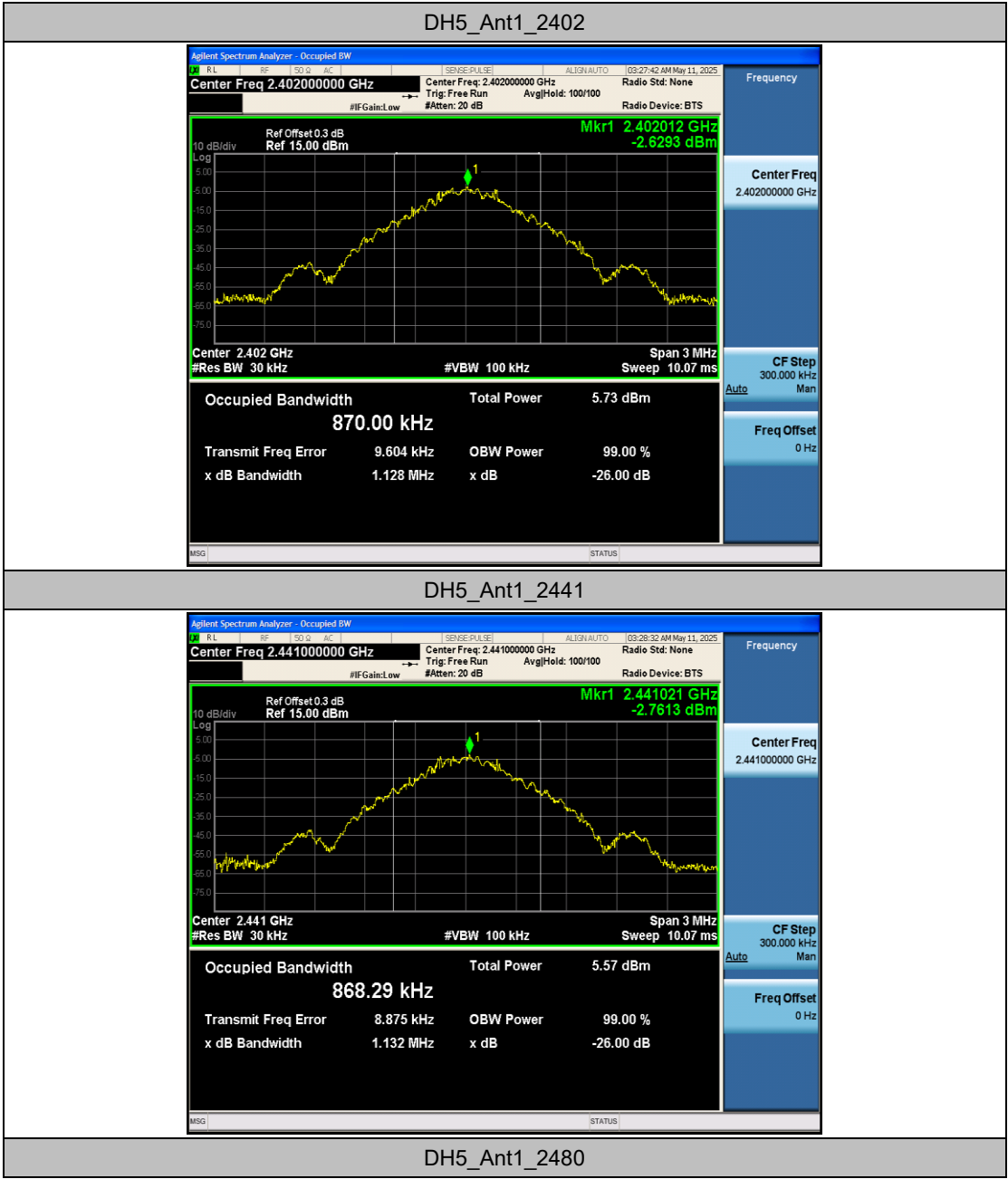


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87000	2401.5746	2402.4446	---	---
		2441	0.86829	2440.5747	2441.4430	---	---
		2480	0.86576	2479.5777	2480.4435	---	---
2DH5	Ant1	2402	1.1890	2401.4161	2402.6051	---	---
		2441	1.1827	2440.4188	2441.6015	---	---
		2480	1.1833	2479.4192	2480.6025	---	---
3DH5	Ant1	2402	1.1854	2401.4180	2402.6034	---	---
		2441	1.1890	2440.4150	2441.6040	---	---
		2480	1.1906	2479.4143	2480.6049	---	---

Test Graphs





2DH5_Ant1_2402



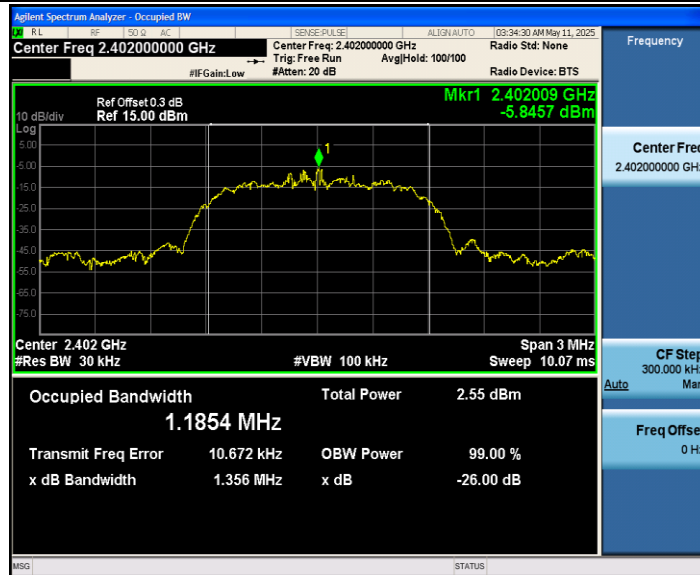
2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.14	≤20.97	PASS
		2441	-0.29	≤20.97	PASS
		2480	-0.37	≤20.97	PASS
2DH5	Ant1	2402	-0.94	≤20.97	PASS
		2441	-1.11	≤20.97	PASS
		2480	-1.13	≤20.97	PASS
3DH5	Ant1	2402	-0.55	≤20.97	PASS
		2441	-0.72	≤20.97	PASS
		2480	-0.74	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.308	≥ 0.957	PASS
2DH5	Ant1	Hop	1.016	≥ 0.856	PASS
3DH5	Ant1	Hop	1.172	≥ 0.864	PASS

Test Graphs



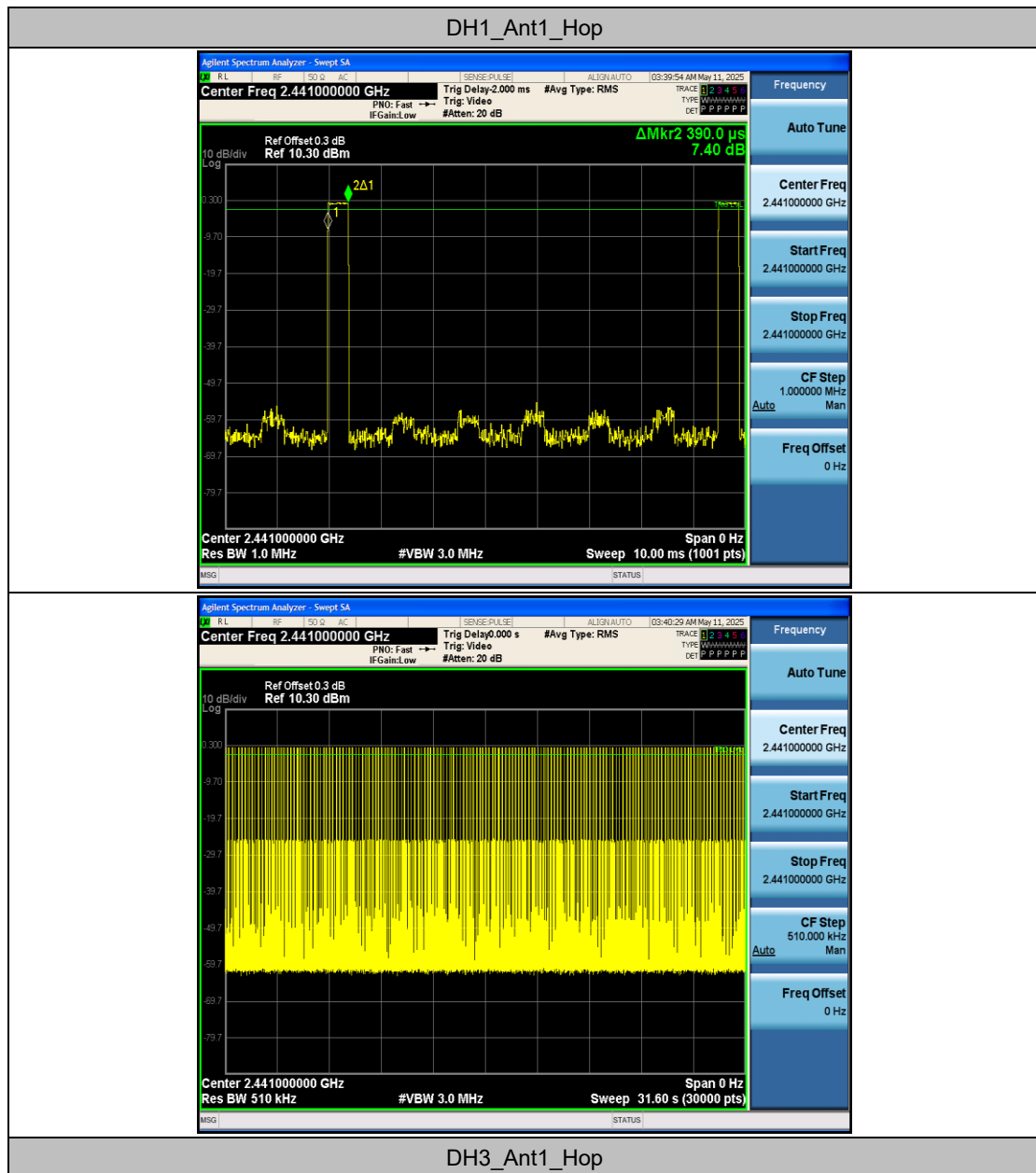


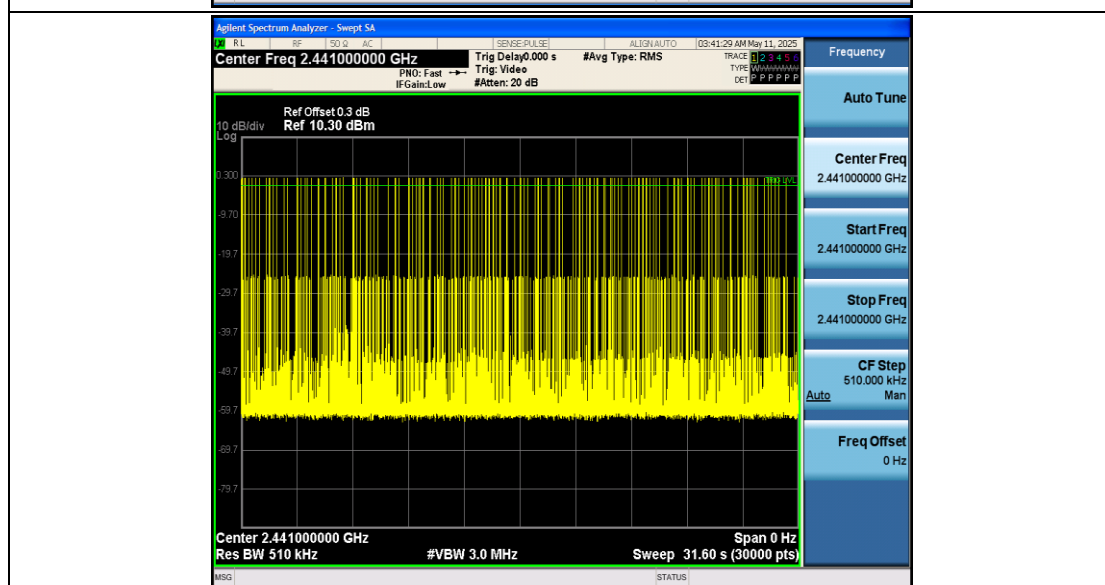
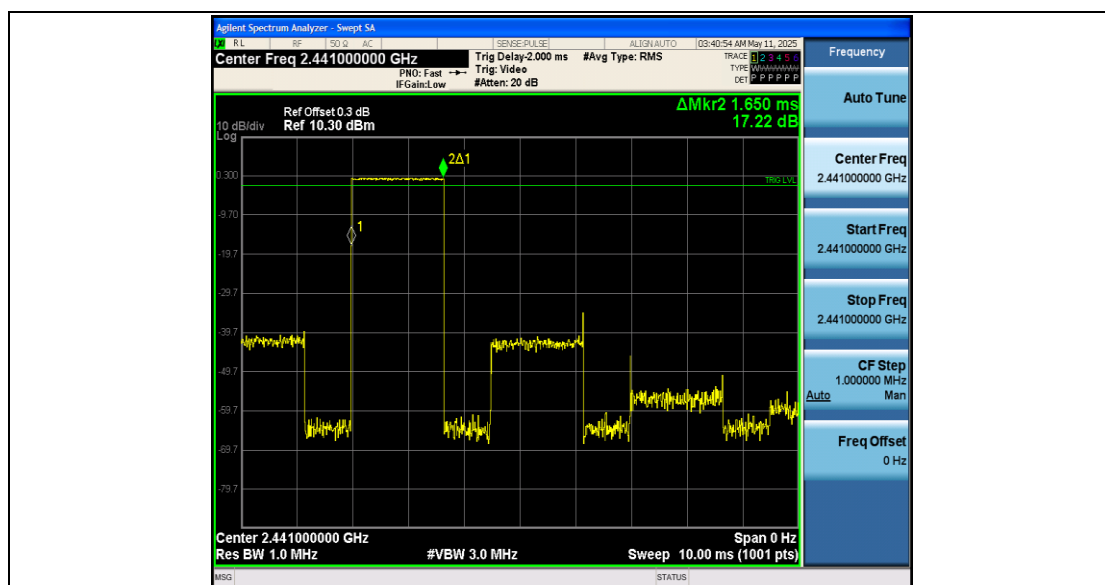
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.390	315	0.123	≤0.4	PASS
DH3	Ant1	Hop	1.650	159	0.262	≤0.4	PASS
DH5	Ant1	Hop	2.890	108	0.312	≤0.4	PASS
2DH1	Ant1	Hop	0.390	317	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.635	153	0.25	≤0.4	PASS
2DH5	Ant1	Hop	2.900	105	0.305	≤0.4	PASS
3DH1	Ant1	Hop	0.400	317	0.127	≤0.4	PASS
3DH3	Ant1	Hop	1.650	163	0.269	≤0.4	PASS
3DH5	Ant1	Hop	2.900	111	0.322	≤0.4	PASS

Test Graphs



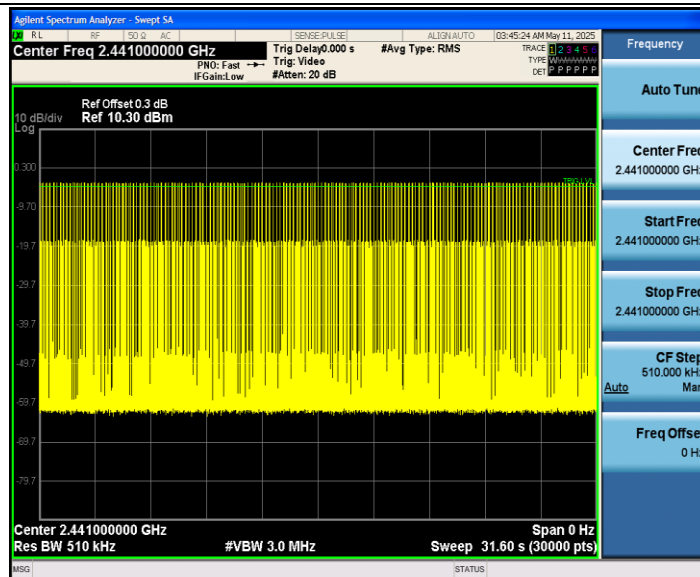
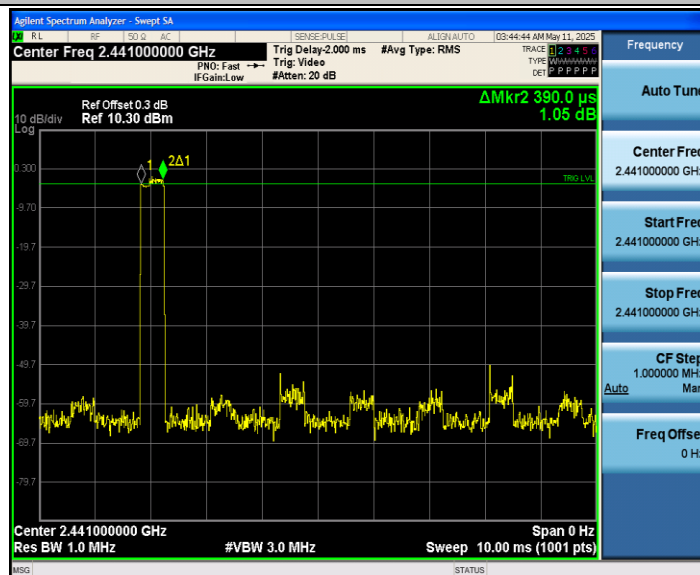


DH5_Ant1_Hop

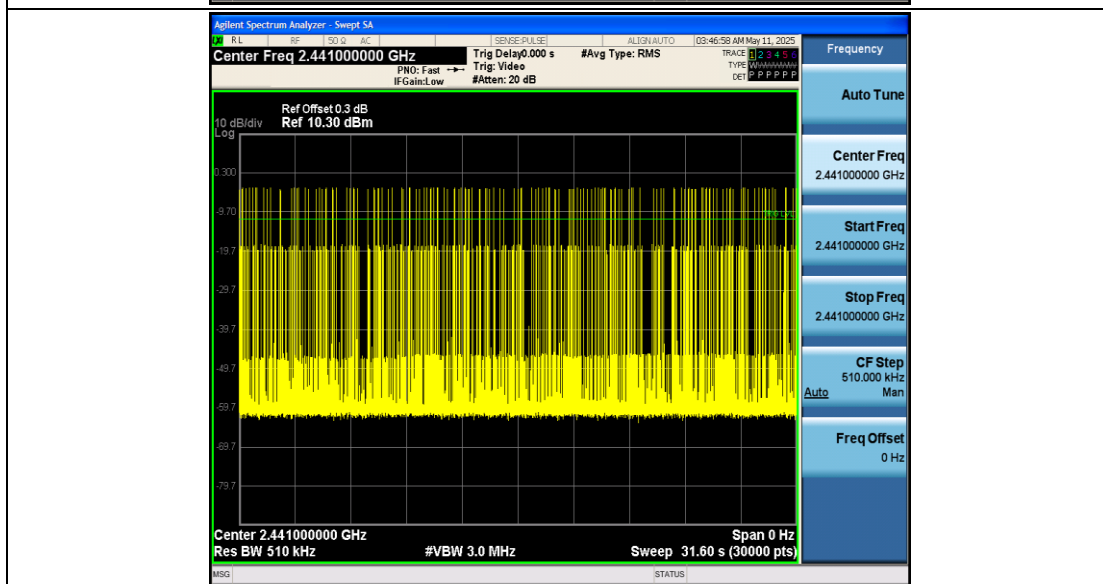




2DH1_Ant1_Hop

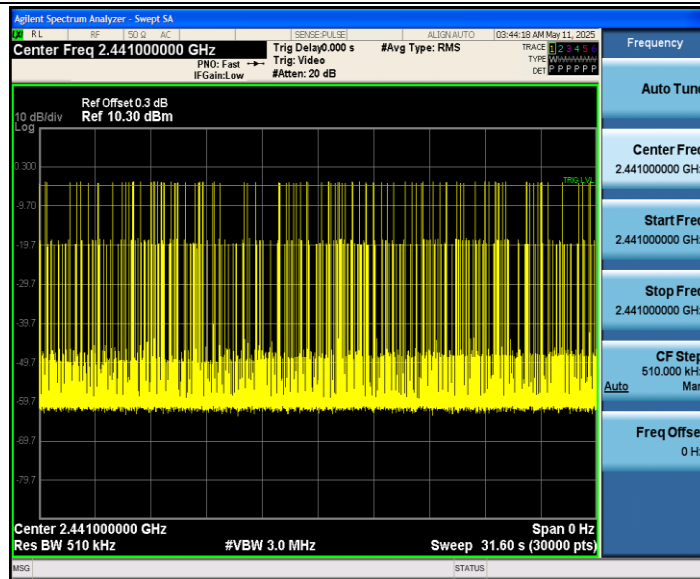


2DH3_Ant1_Hop

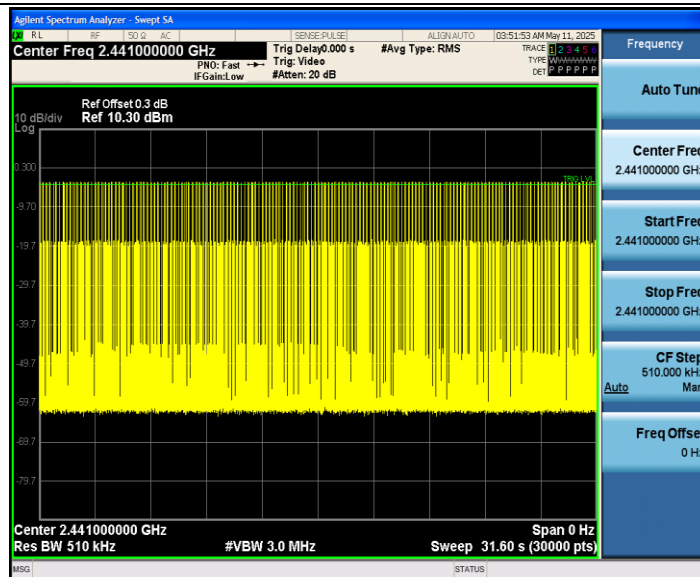
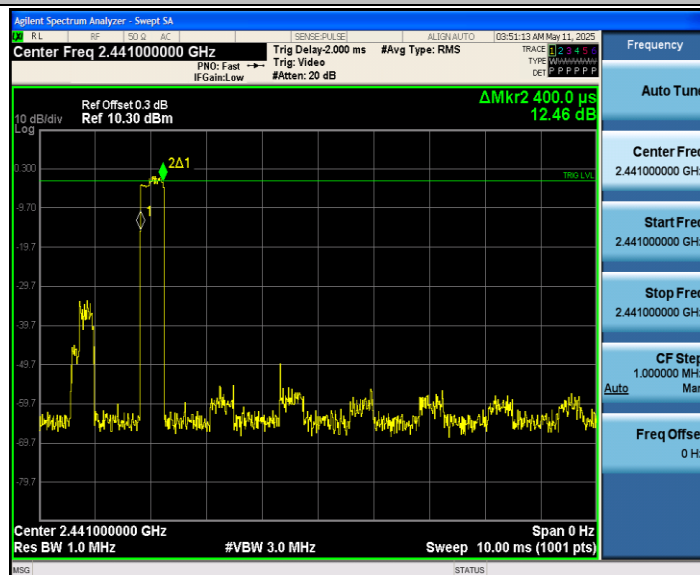


2DH5_Ant1_Hop

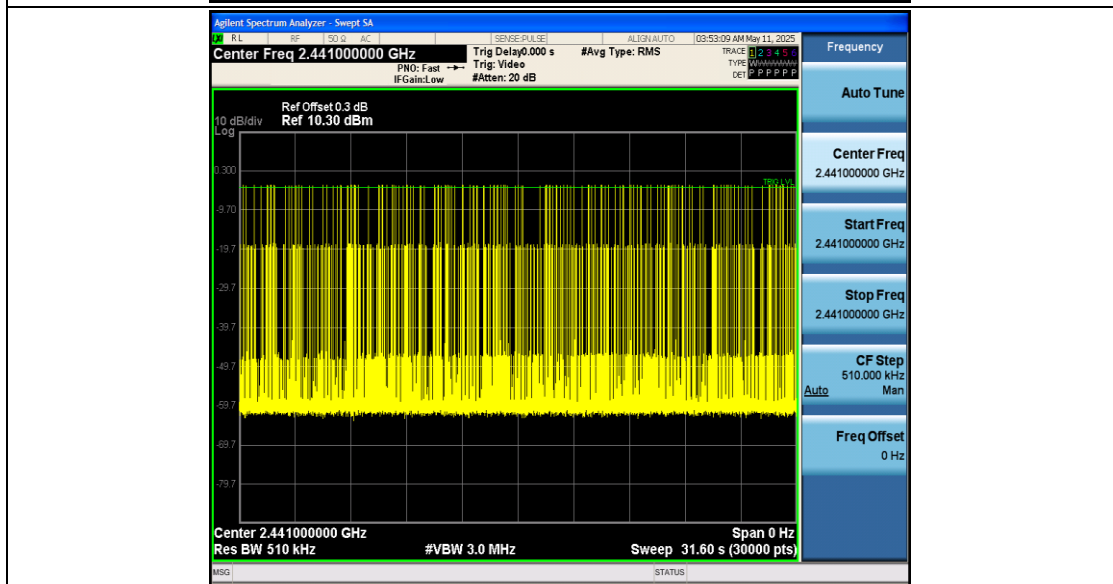
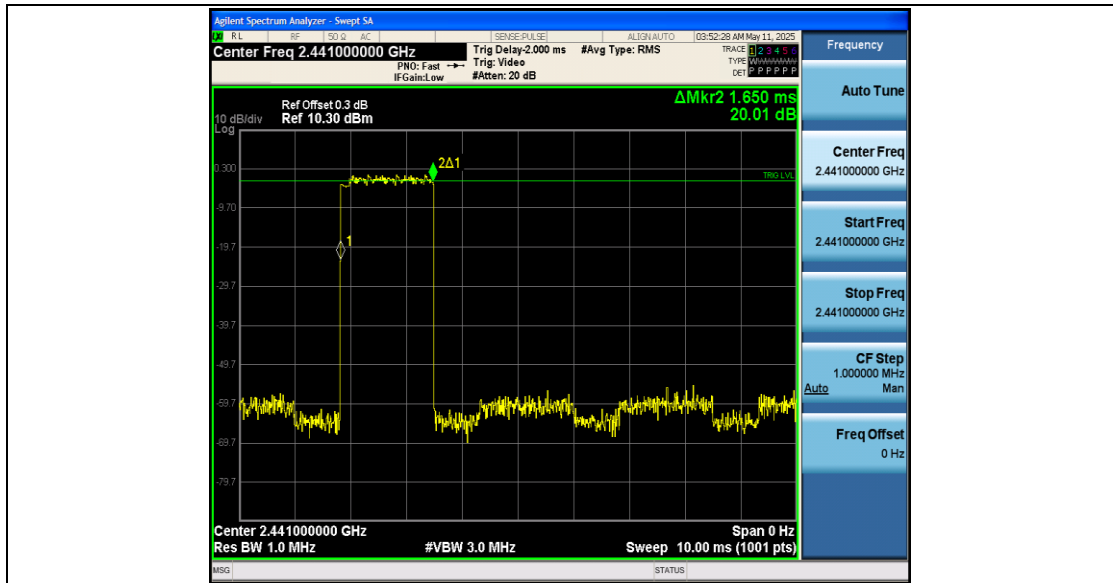




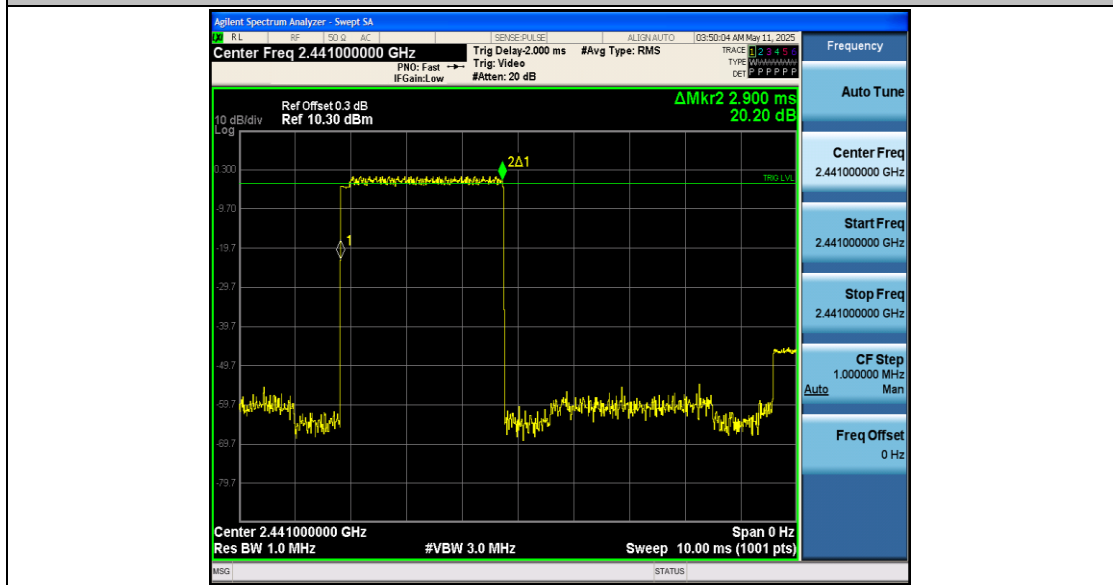
3DH1_Ant1_Hop

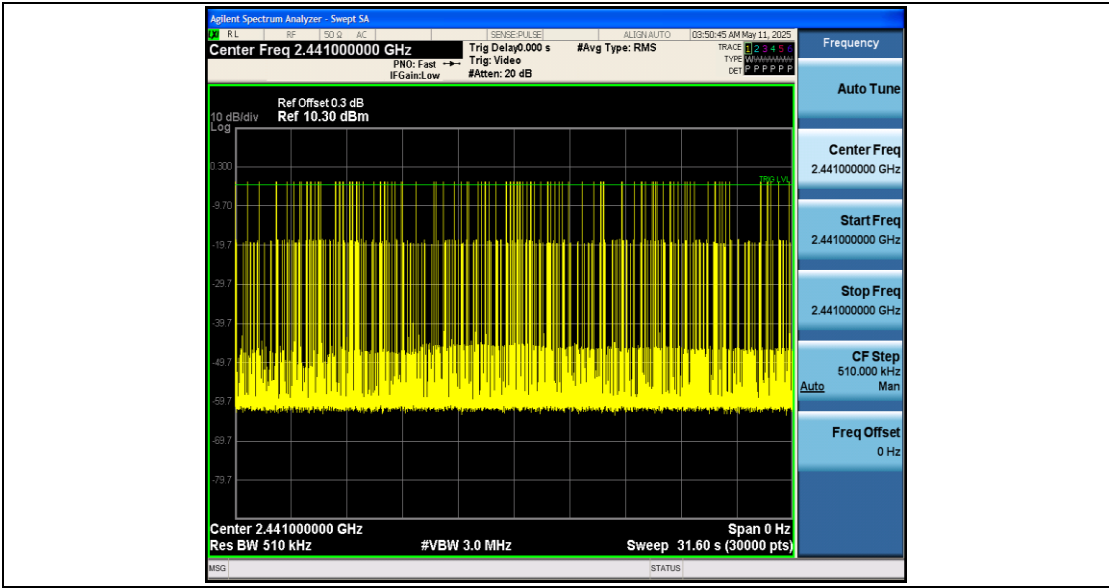


3DH3_Ant1_Hop



3DH5_Ant1_Hop





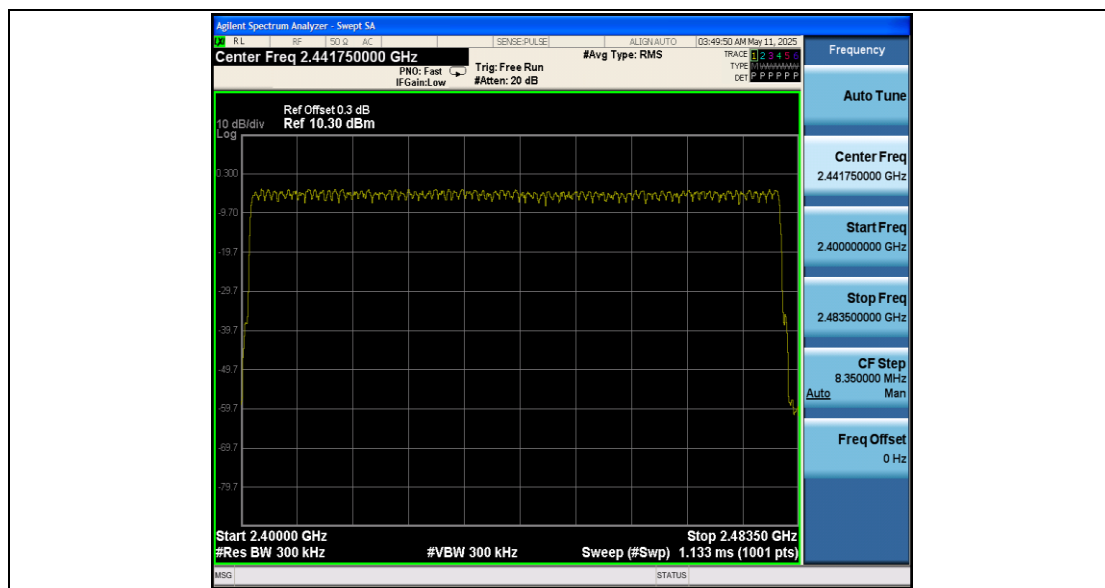
Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Freq(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



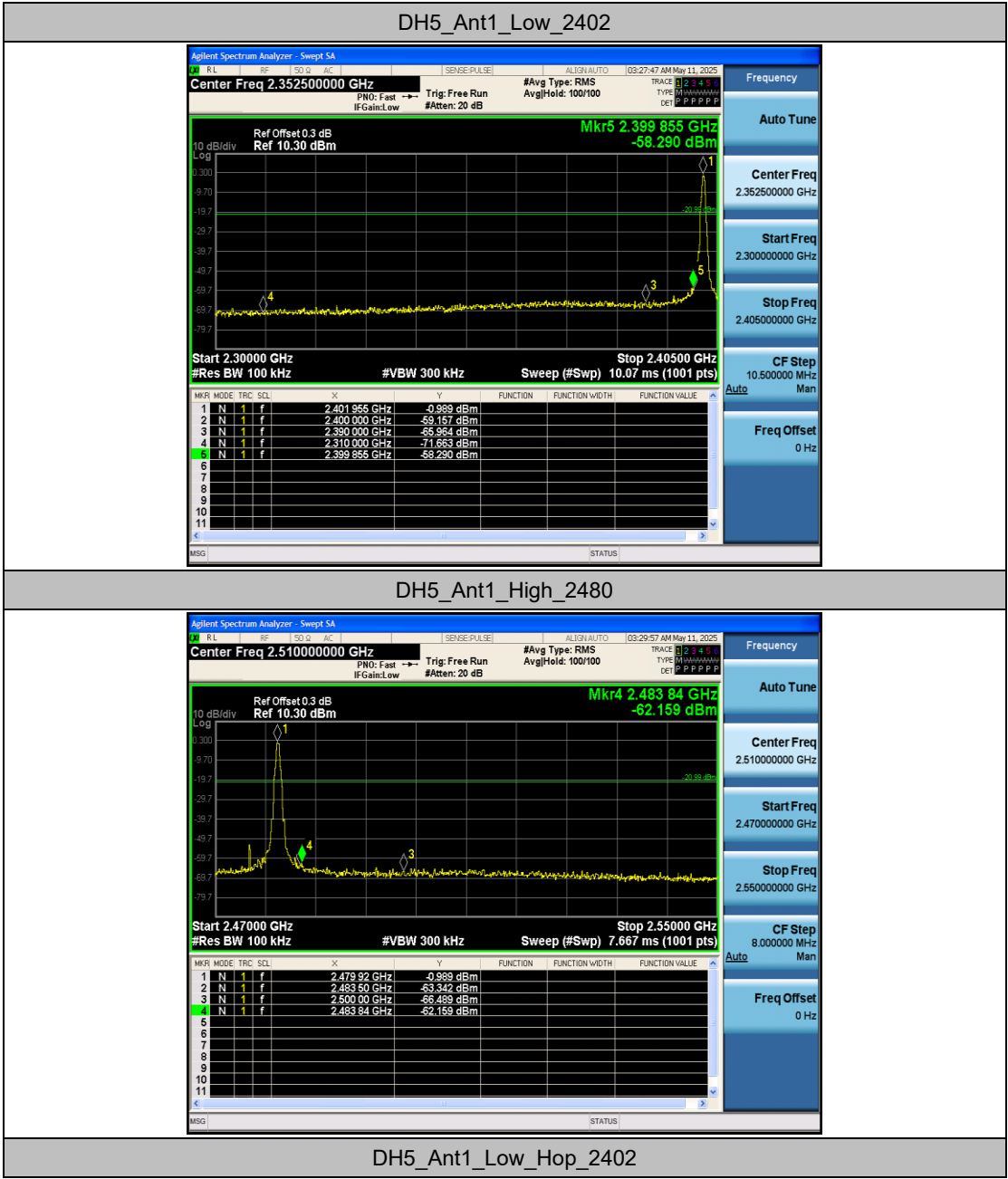


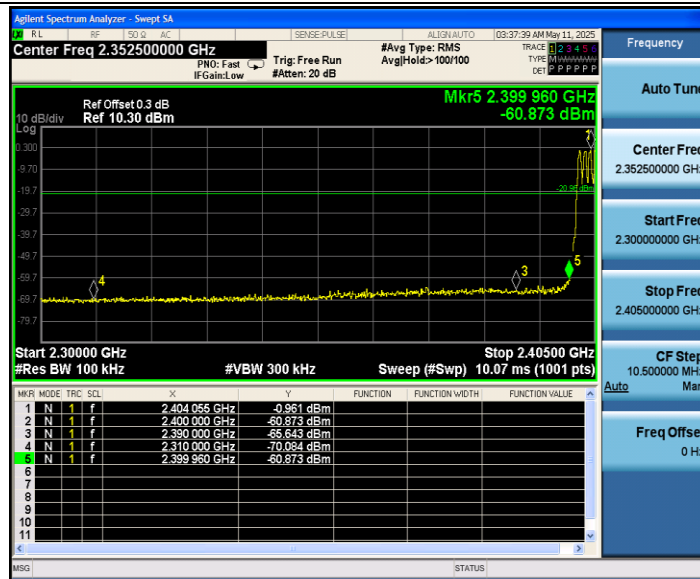
Appendix G: Band edge measurements

Test Result

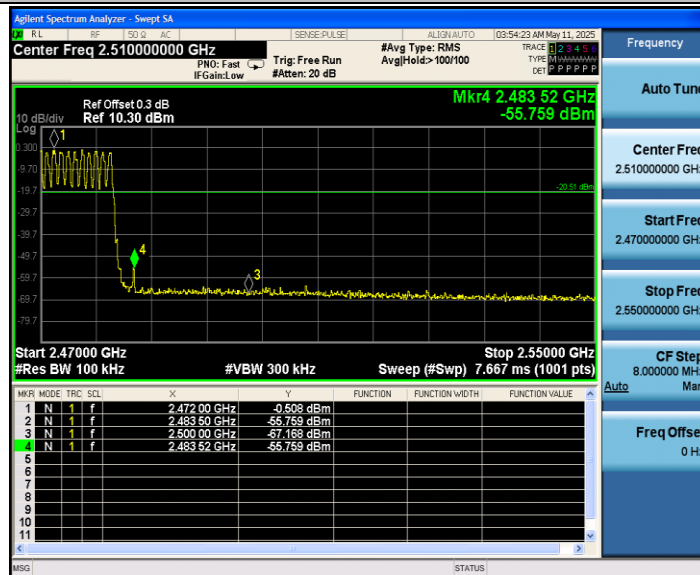
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.99	-58.29	≤-20.99	PASS
		High	2480	-0.99	-62.16	≤-20.99	PASS
		Low	Hop_2402	-0.96	-60.87	≤-20.96	PASS
		High	Hop_2480	-0.51	-55.76	≤-20.51	PASS
2DH5	Ant1	Low	2402	-3.92	-59.79	≤-23.92	PASS
		High	2480	-3.97	-55.41	≤-23.97	PASS
		Low	Hop_2402	-5.34	-61.55	≤-25.34	PASS
		High	Hop_2480	-4.59	-63.53	≤-24.59	PASS
3DH5	Ant1	Low	2402	-3.69	-56.23	≤-23.69	PASS
		High	2480	-5.18	-63.88	≤-25.18	PASS
		Low	Hop_2402	-6.04	-60.21	≤-26.04	PASS
		High	Hop_2480	-4.02	-63.02	≤-24.02	PASS

Test Graphs

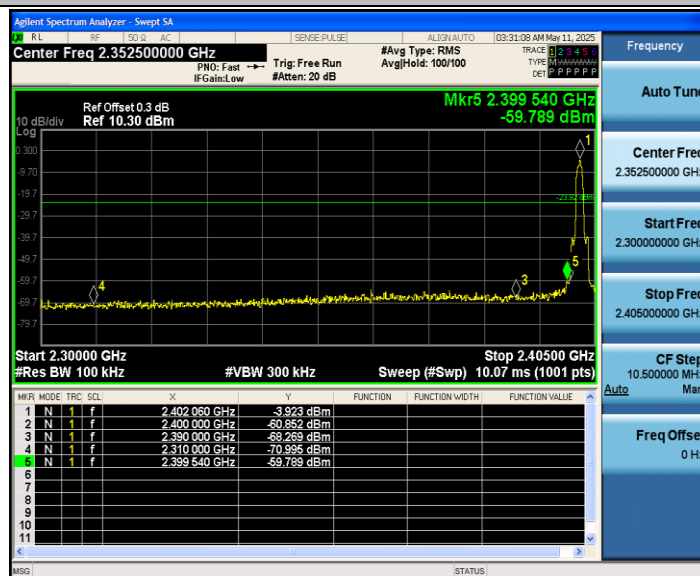




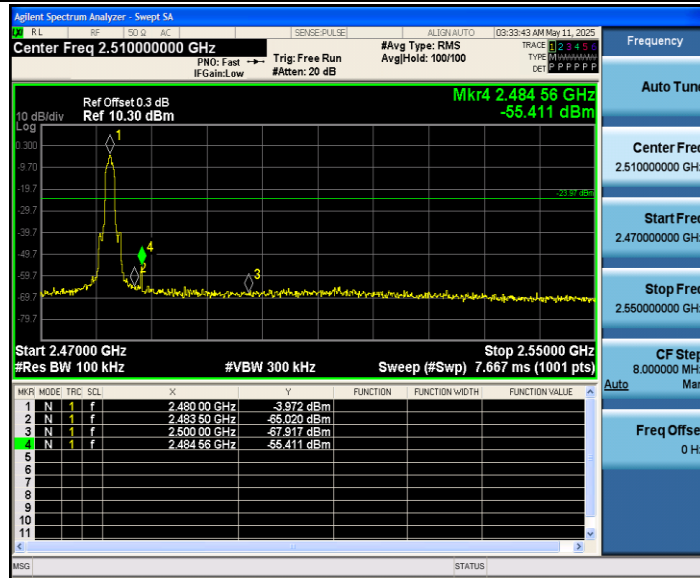
DH5_Ant1_High_Hop_2480



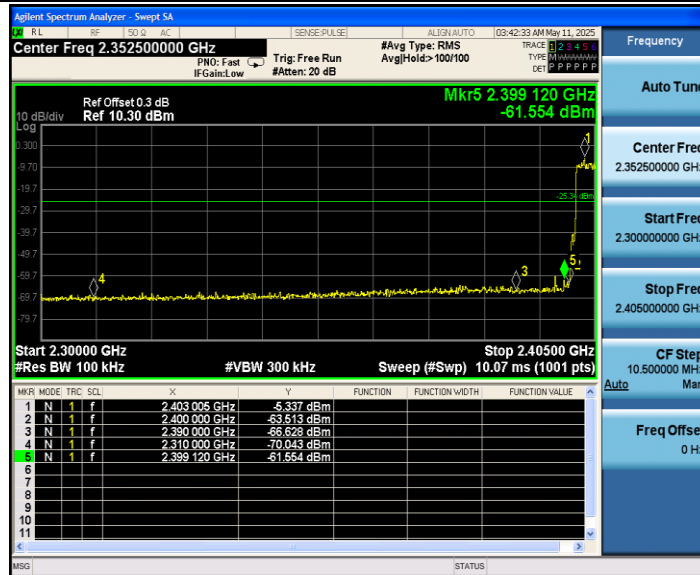
2DH5_Ant1_Low_2402



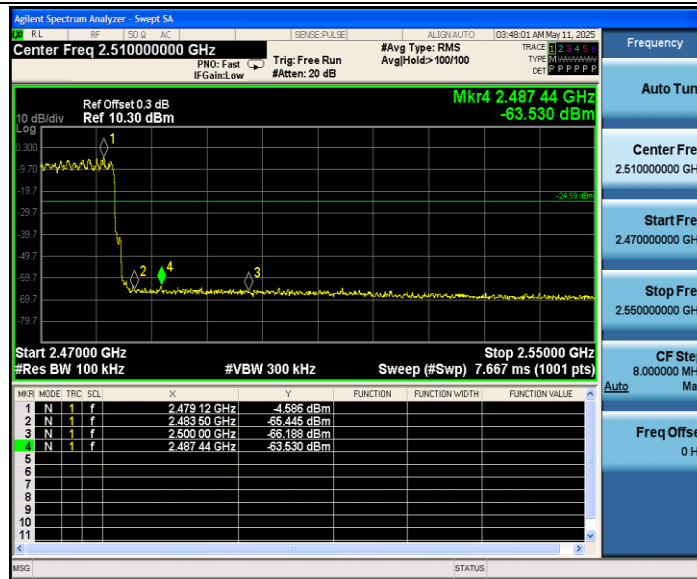
2DH5_Ant1_High_2480



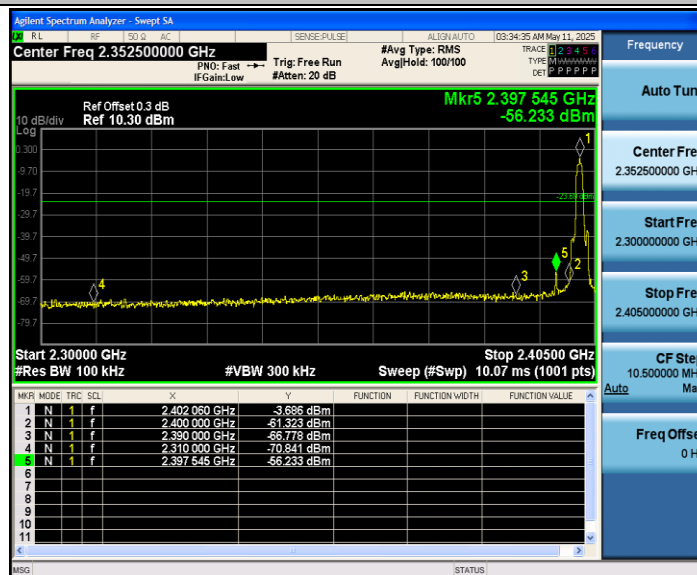
2DH5_Ant1_Low_Hop_2402



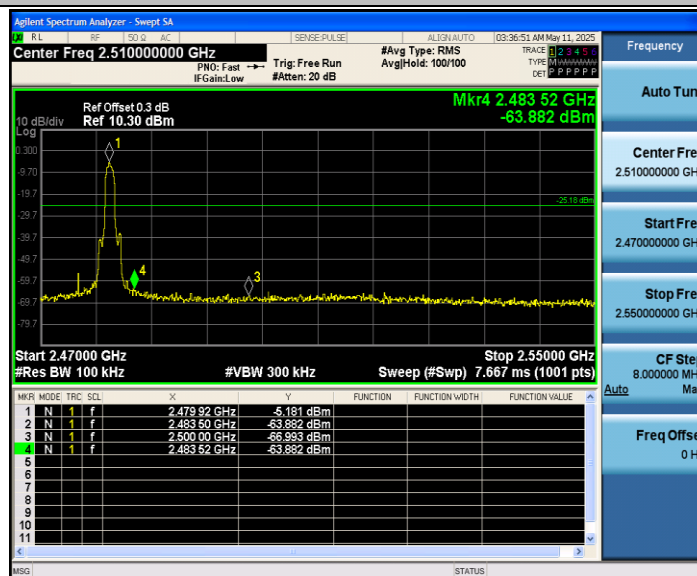
2DH5_Ant1_High_Hop_2480



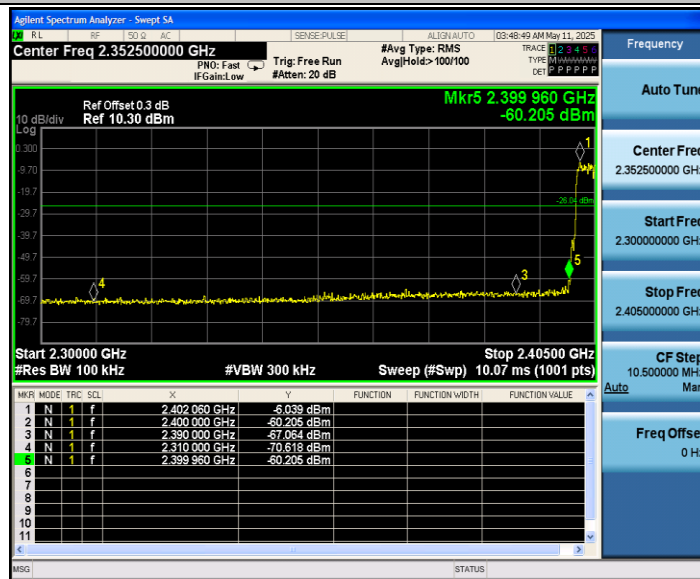
3DH5_Ant1_Low_2402



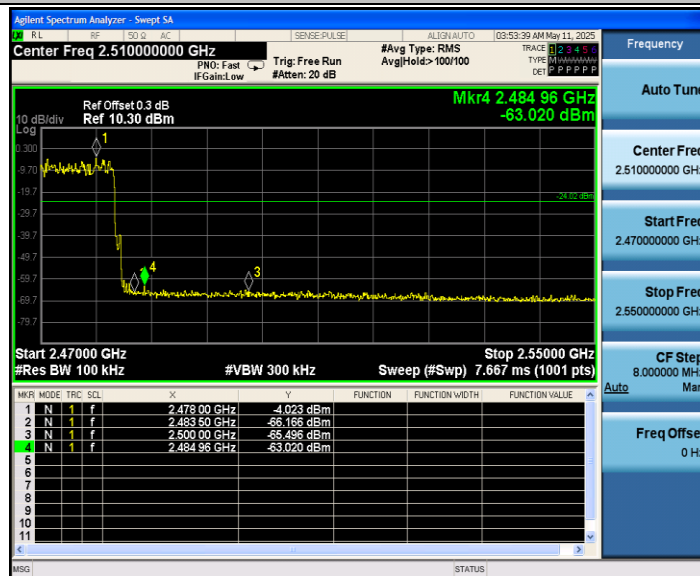
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

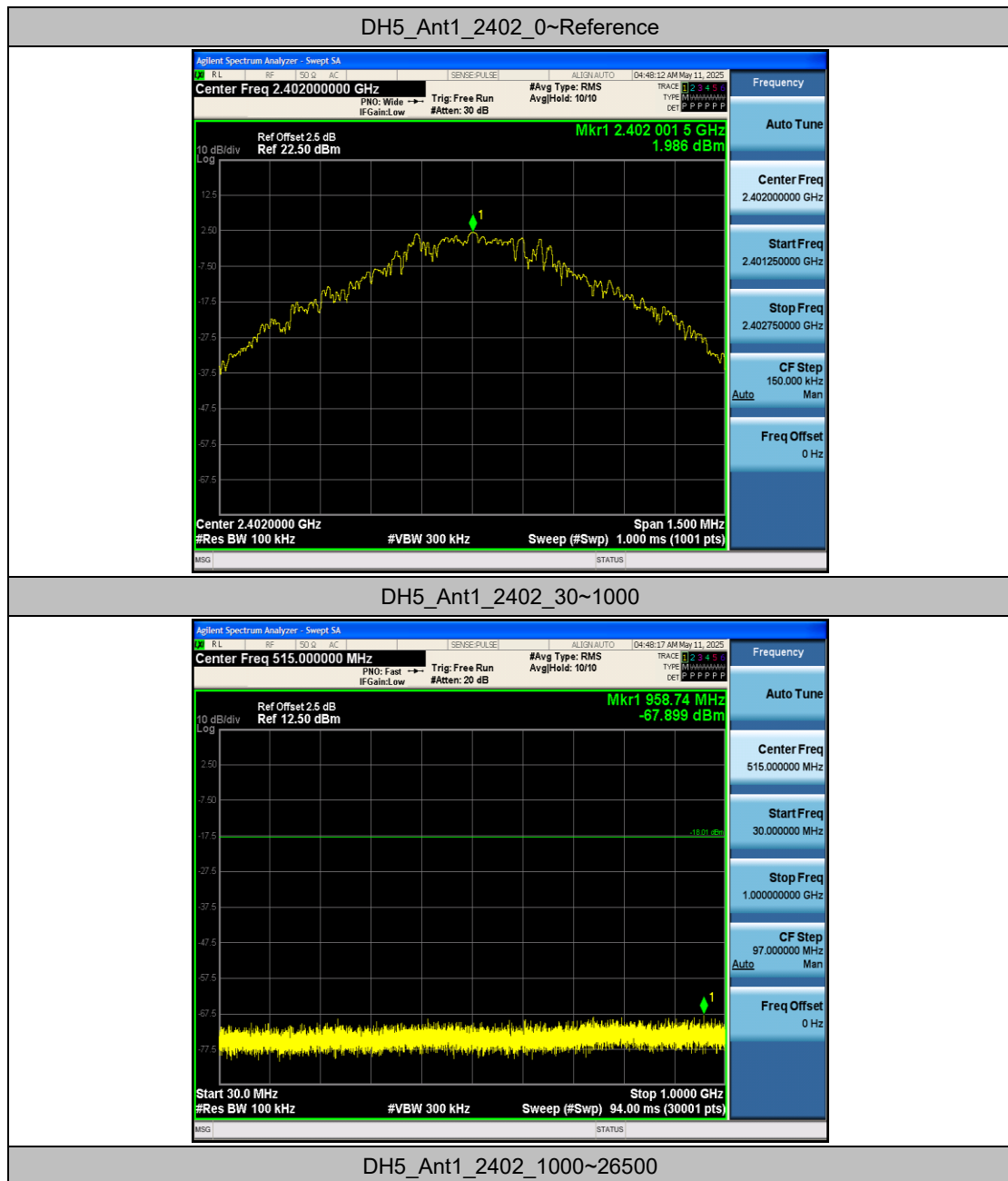


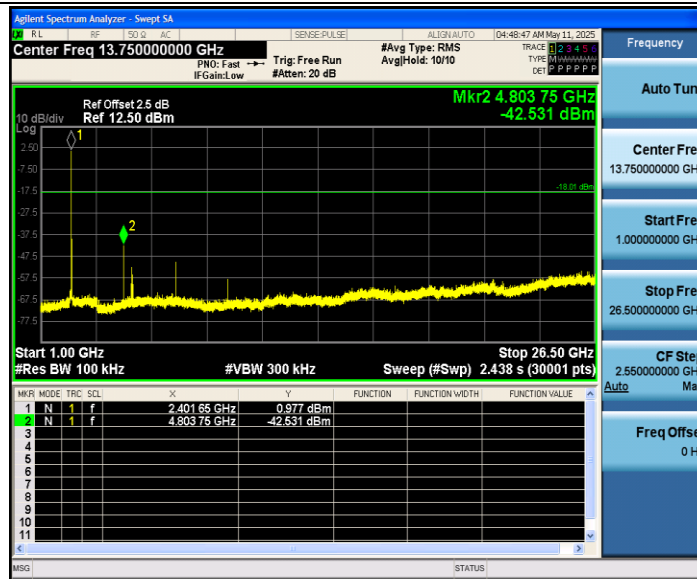
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.99	1.99	---	PASS
			30~1000	1.99	-67.9	≤-18.01	PASS
			1000~26500	1.99	-42.53	≤-18.01	PASS
		2441	Reference	0.76	0.76	---	PASS
			30~1000	0.76	-67.62	≤-19.24	PASS
			1000~26500	0.76	-43.38	≤-19.24	PASS
		2480	Reference	1.18	1.18	---	PASS
			30~1000	1.18	-68.41	≤-18.82	PASS
			1000~26500	1.18	-43.36	≤-18.82	PASS
2DH5	Ant1	2402	Reference	-2.02	-2.02	---	PASS
			30~1000	-2.02	-68.18	≤-22.02	PASS
			1000~26500	-2.02	-47.91	≤-22.02	PASS
		2441	Reference	-3.66	-3.66	---	PASS
			30~1000	-3.66	-68.23	≤-23.66	PASS
			1000~26500	-3.66	-47.21	≤-23.66	PASS
		2480	Reference	-2.49	-2.49	---	PASS
			30~1000	-2.49	-67.78	≤-22.49	PASS
			1000~26500	-2.49	-50.7	≤-22.49	PASS
3DH5	Ant1	2402	Reference	-4.02	-4.02	---	PASS
			30~1000	-4.02	-67.32	≤-24.02	PASS
			1000~26500	-4.02	-49.49	≤-24.02	PASS
		2441	Reference	-2.51	-2.51	---	PASS
			30~1000	-2.51	-67.57	≤-22.51	PASS
			1000~26500	-2.51	-46.85	≤-22.51	PASS
		2480	Reference	-3.51	-3.51	---	PASS
			30~1000	-3.51	-68.17	≤-23.51	PASS
			1000~26500	-3.51	-49.34	≤-23.51	PASS

Test Graphs

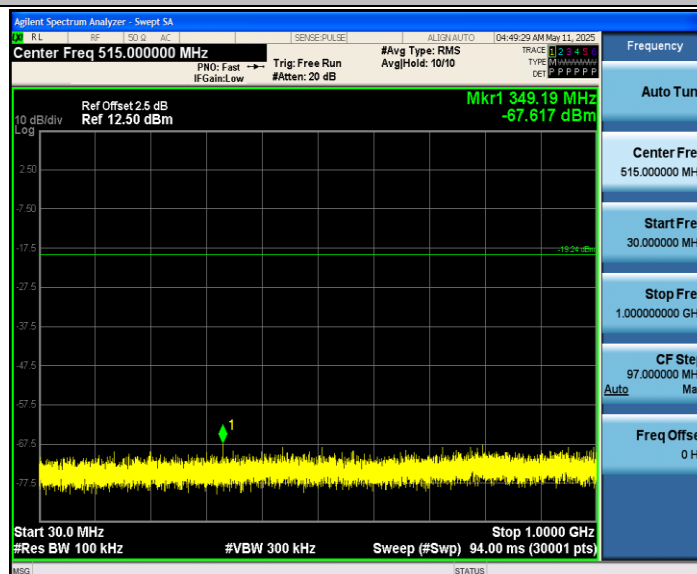




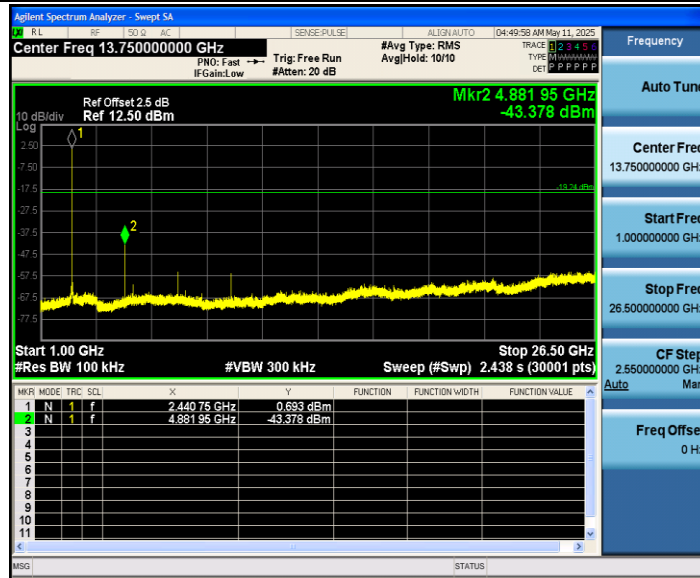
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



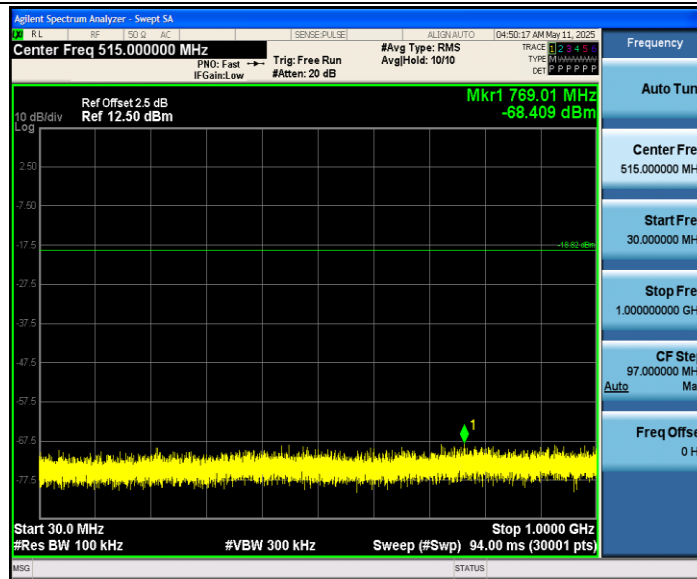
DH5_Ant1_2441_1000~26500



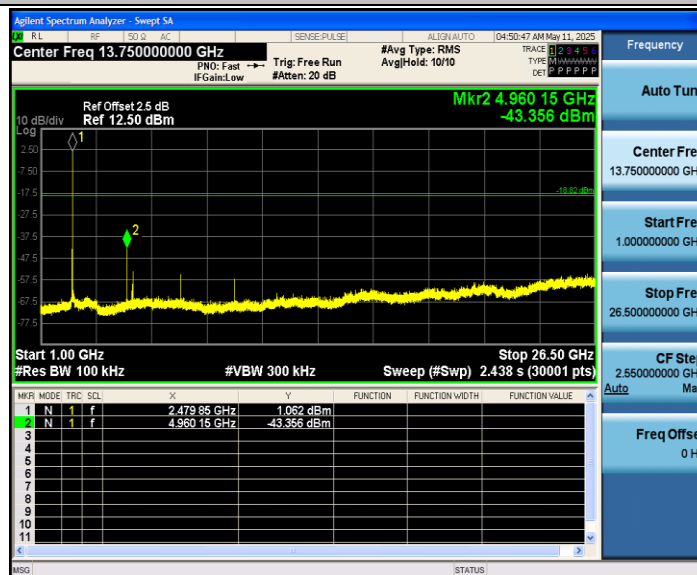
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500



2DH5_Ant1_2402_0~Reference

