

FCC Appendix RF Test Data for BT

FCC ID : 2BVVG-SECHOER38G

Company : Shenzhen Sechoer Technology Co., Ltd.

EUT : Bluetooth speaker

Model Number : Sechoer38g

Report No. : CTA26051901601

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	0.987	2401.505	2402.492	---	---
		2441	1.035	2440.457	2441.492	---	---
		2480	1.017	2479.463	2480.480	---	---
2DH5	Ant1	2402	1.194	2401.394	2402.588	---	---
		2441	1.224	2440.376	2441.600	---	---
		2480	1.185	2479.394	2480.579	---	---
3DH5	Ant1	2402	1.200	2401.406	2402.606	---	---
		2441	1.257	2440.355	2441.612	---	---
		2480	1.179	2479.406	2480.585	---	---

Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



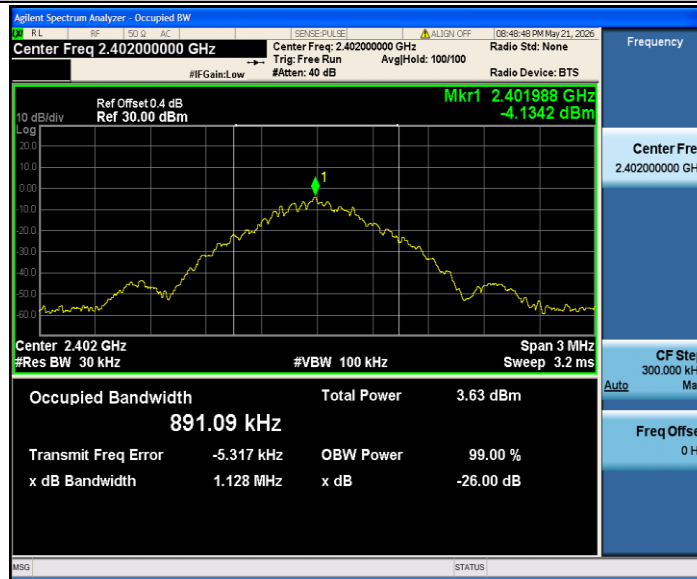
Appendix B: Occupied Channel Bandwidth

Test Result

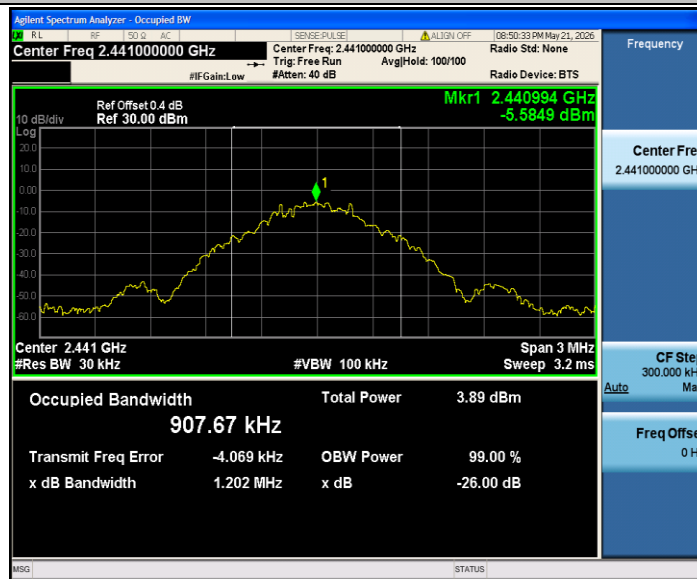
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89109	2401.5491	2402.4402	---	---
		2441	0.90767	2440.5421	2441.4498	---	---
		2480	0.88824	2479.5474	2480.4357	---	---
2DH5	Ant1	2402	1.1338	2401.4280	2402.5618	---	---
		2441	1.1553	2440.4139	2441.5692	---	---
		2480	1.1720	2479.4070	2480.5790	---	---
3DH5	Ant1	2402	1.1557	2401.4202	2402.5759	---	---
		2441	1.1706	2440.4122	2441.5828	---	---
		2480	1.1474	2479.4230	2480.5704	---	---

Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



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

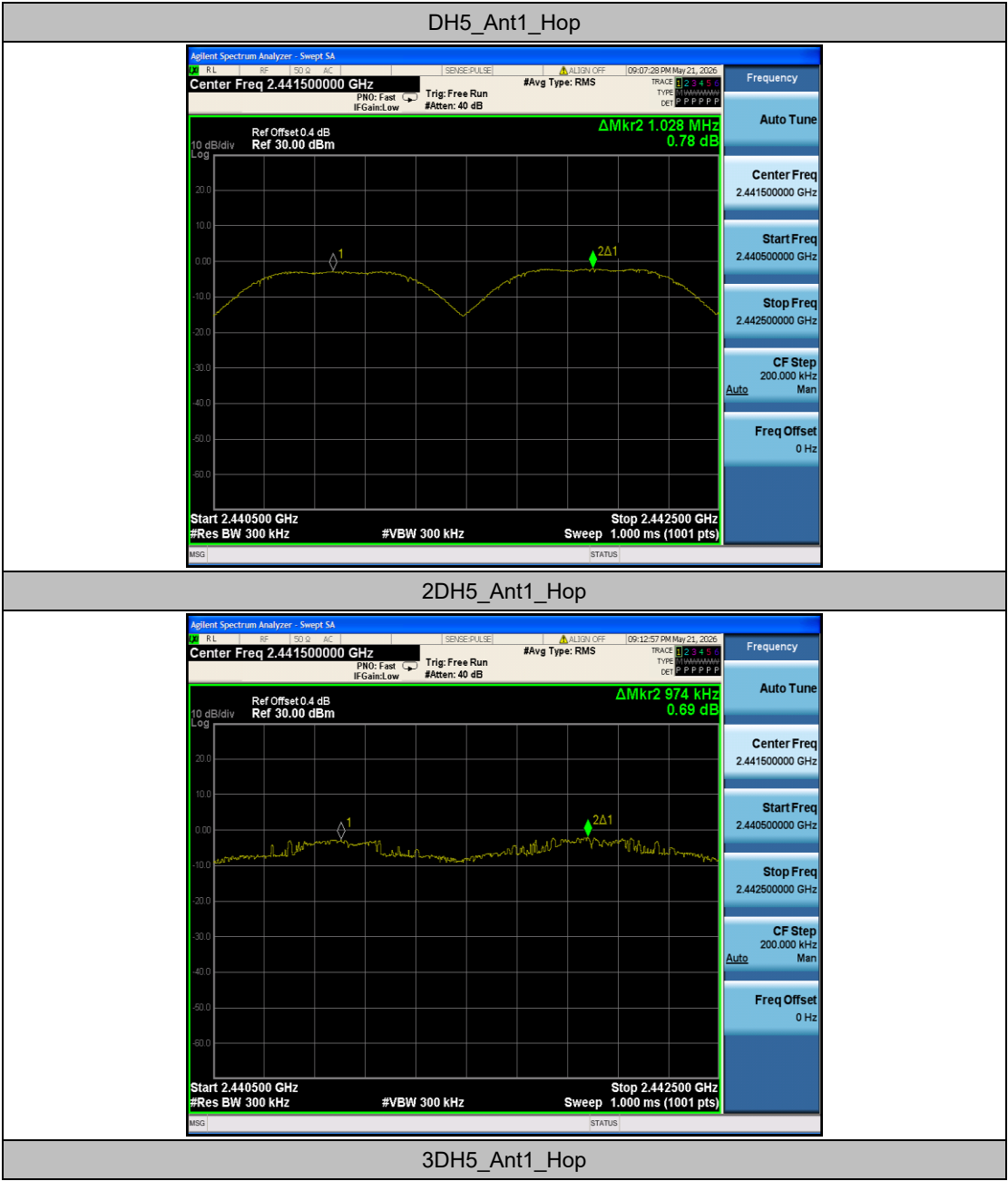
Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-2.73	≤20.97	PASS
		2441	-2.38	≤20.97	PASS
		2480	-2.30	≤20.97	PASS
2DH5	Ant1	2402	-2.90	≤20.97	PASS
		2441	-2.32	≤20.97	PASS
		2480	-2.35	≤20.97	PASS
3DH5	Ant1	2402	-2.62	≤20.97	PASS
		2441	-2.43	≤20.97	PASS
		2480	-2.35	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.028	≥ 0.690	PASS
2DH5	Ant1	Hop	0.974	≥ 0.816	PASS
3DH5	Ant1	Hop	1.02	≥ 0.838	PASS

Test Graphs



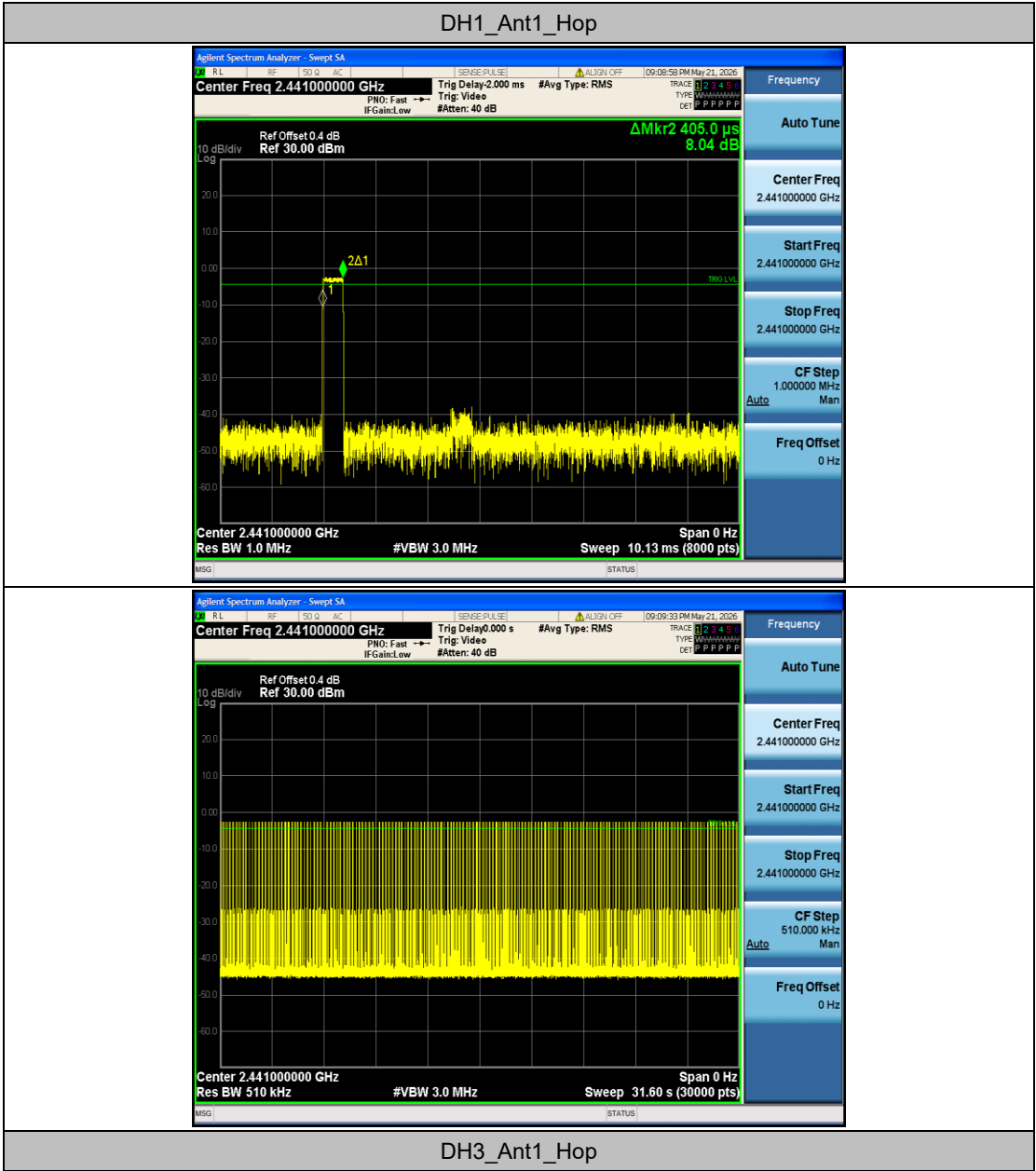


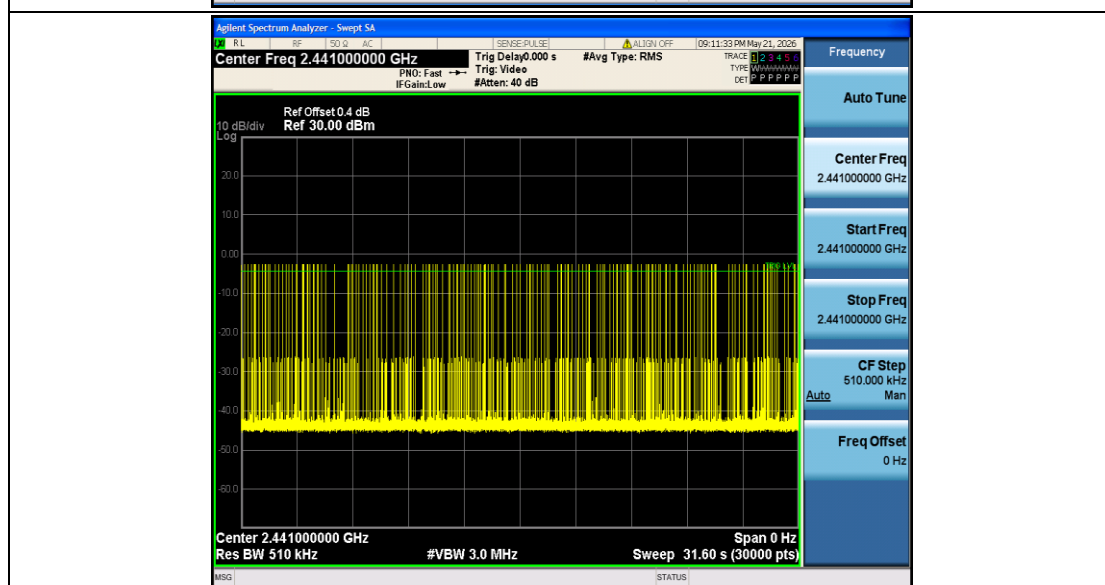
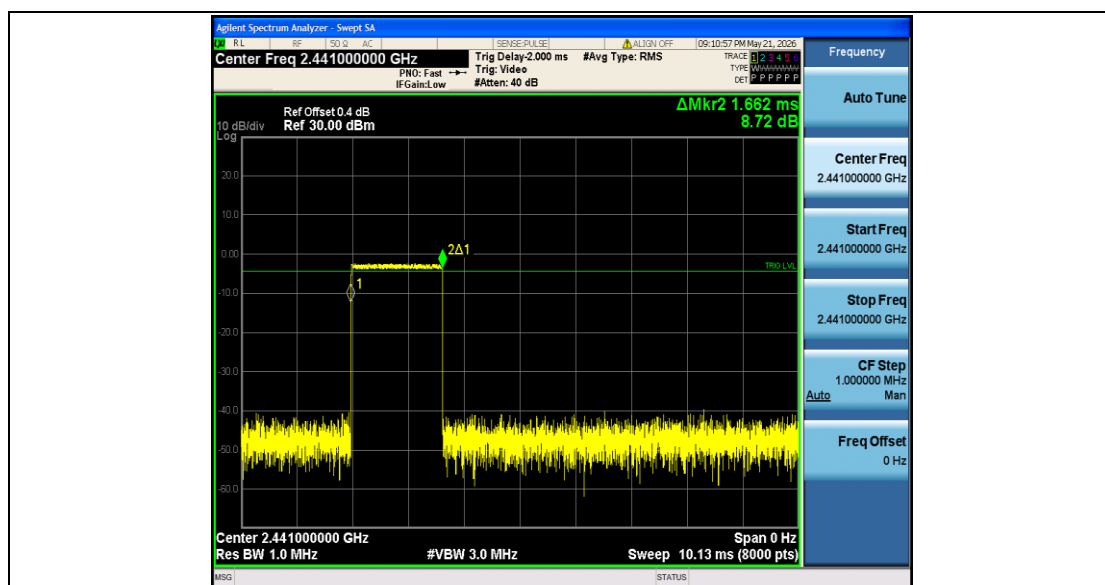
Appendix E: Time of occupancy

Test Result

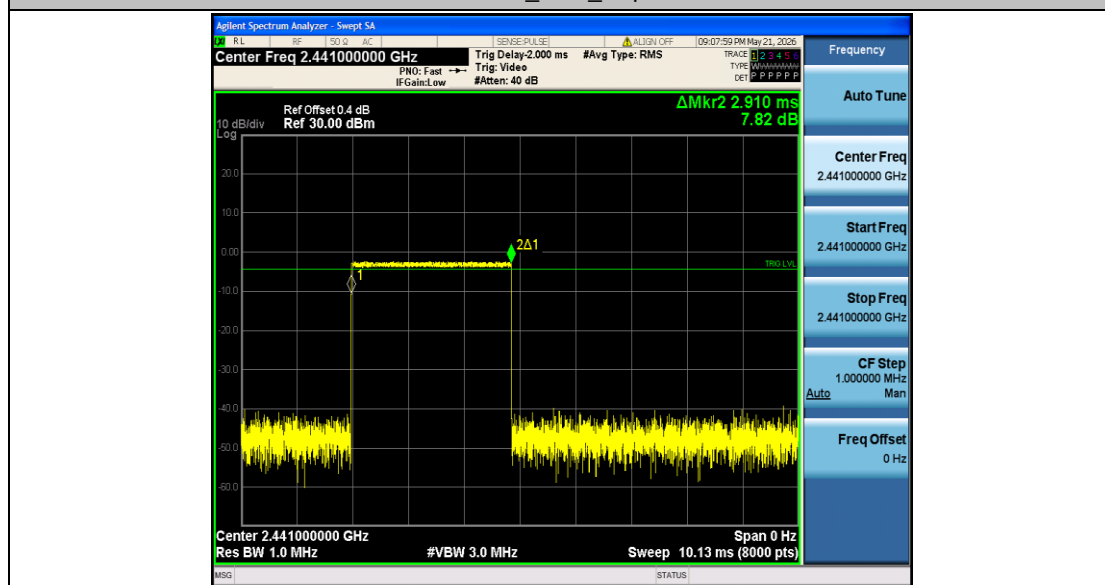
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.405	316	0.128	≤0.4	PASS
DH3	Ant1	Hop	1.662	168	0.279	≤0.4	PASS
DH5	Ant1	Hop	2.910	114	0.332	≤0.4	PASS
2DH1	Ant1	Hop	0.417	314	0.131	≤0.4	PASS
2DH3	Ant1	Hop	1.668	157	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.917	100	0.292	≤0.4	PASS
3DH1	Ant1	Hop	0.417	313	0.131	≤0.4	PASS
3DH3	Ant1	Hop	1.666	159	0.265	≤0.4	PASS
3DH5	Ant1	Hop	2.917	107	0.312	≤0.4	PASS

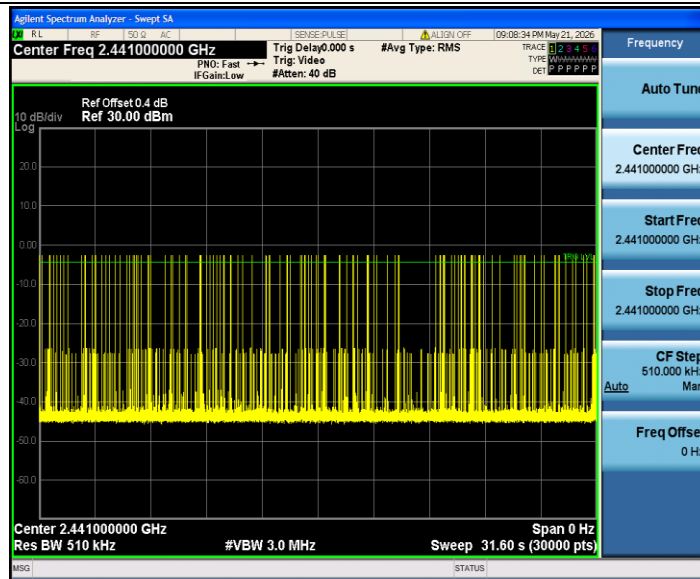
Test Graphs



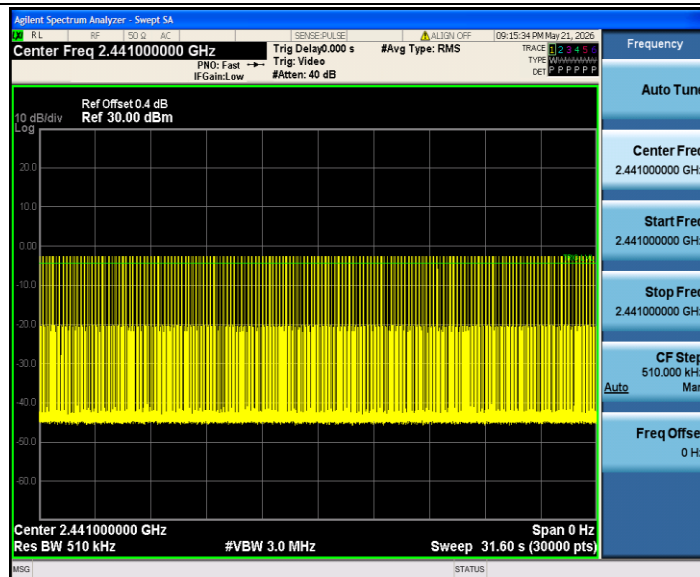
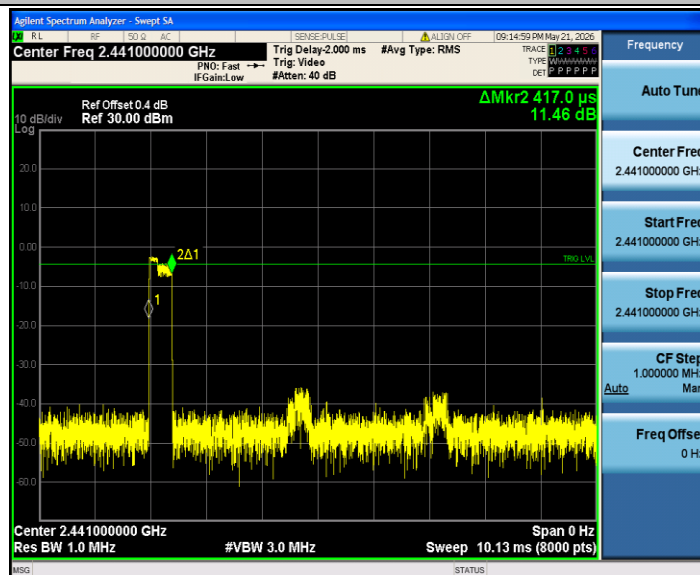


DH5_Ant1_Hop

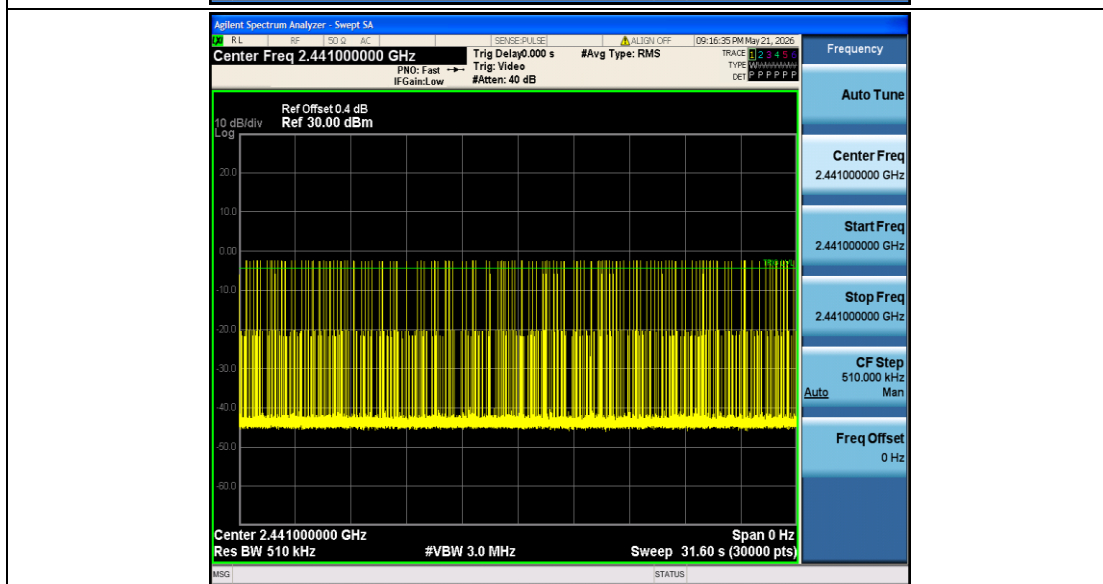
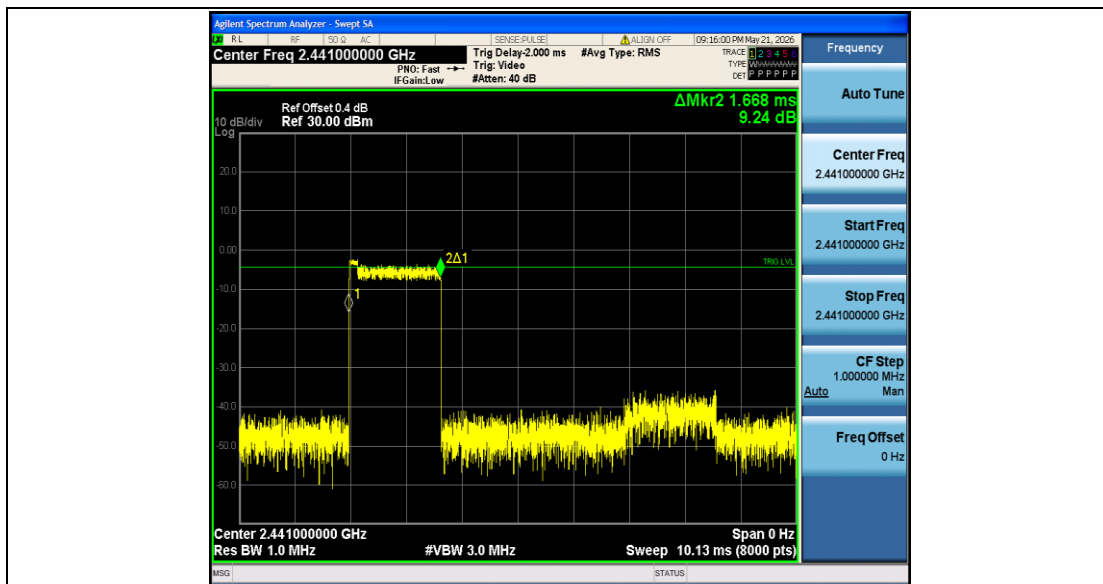




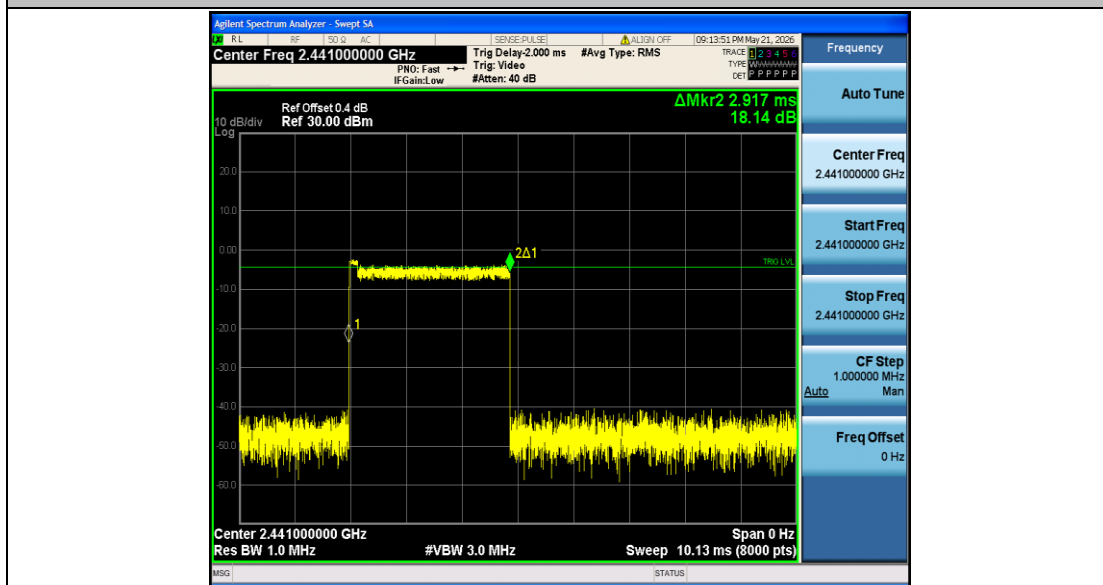
2DH1_Ant1_Hop

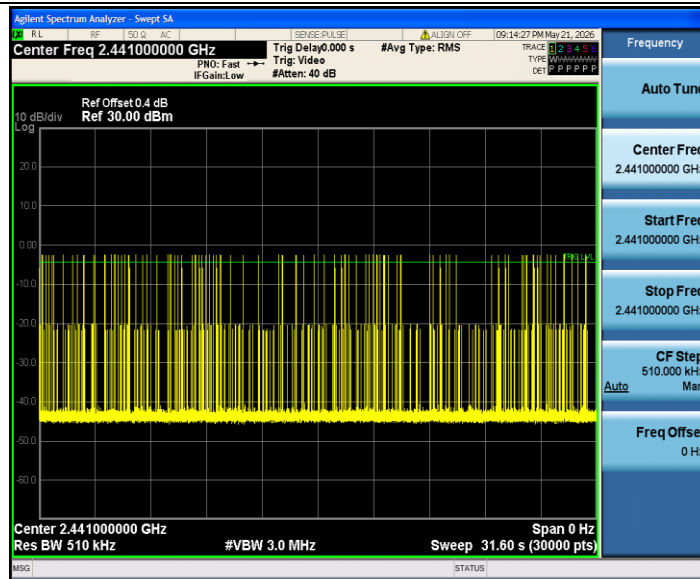


2DH3_Ant1_Hop

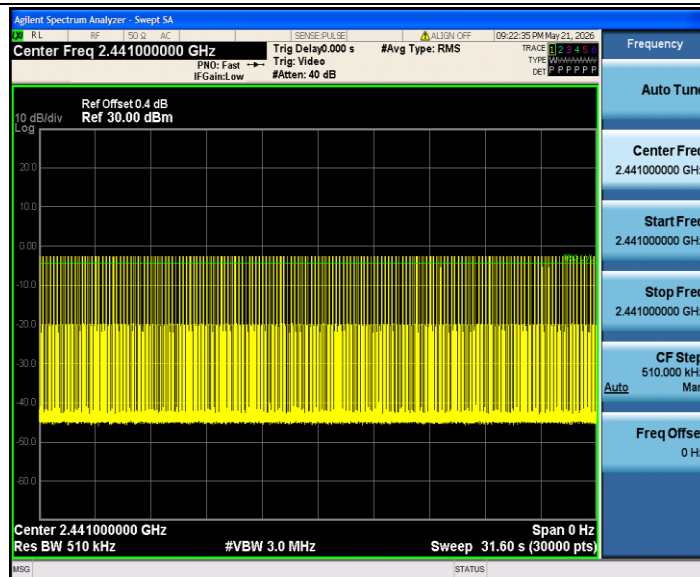
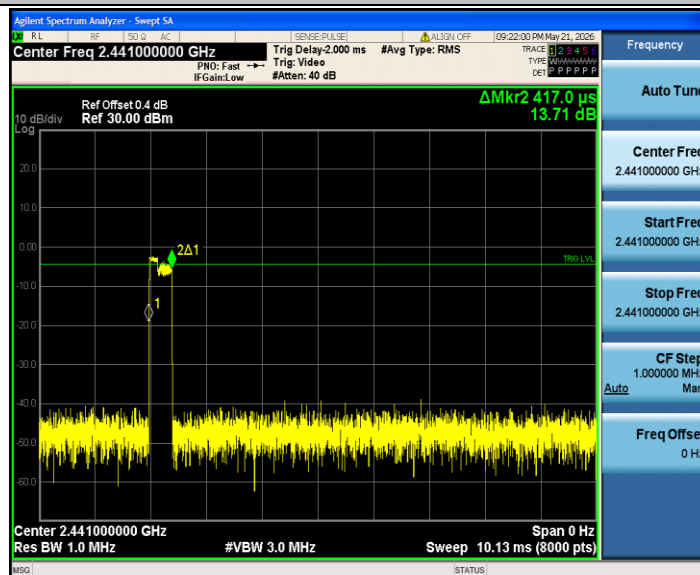


2DH5_Ant1_Hop

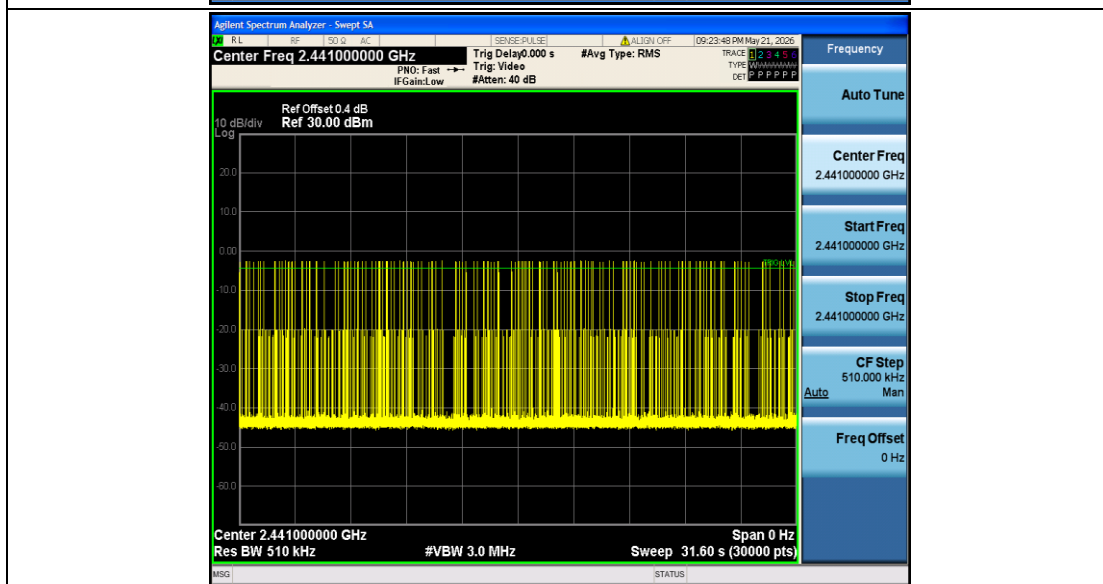
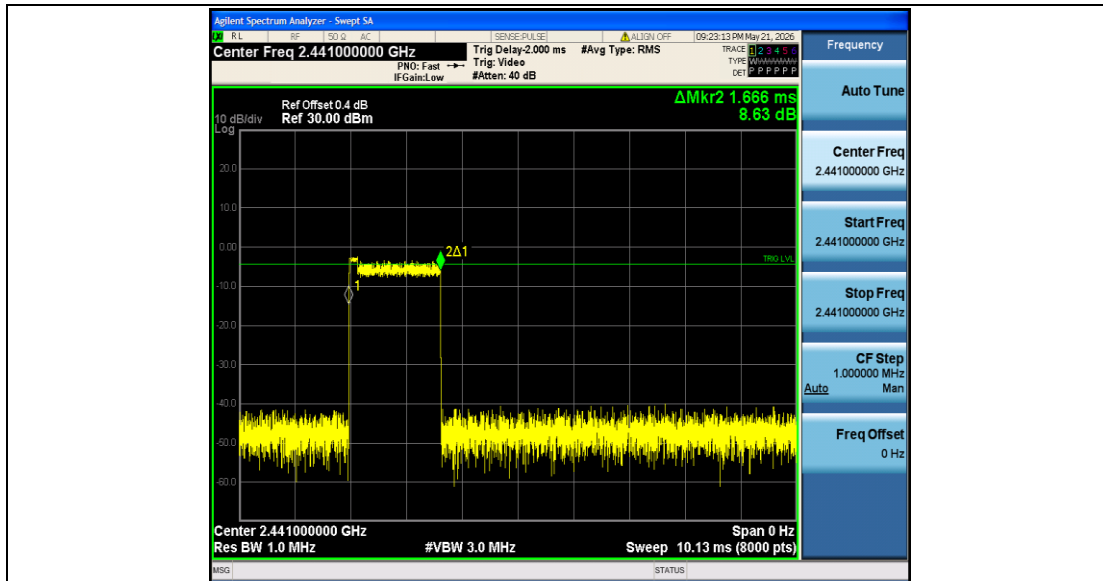




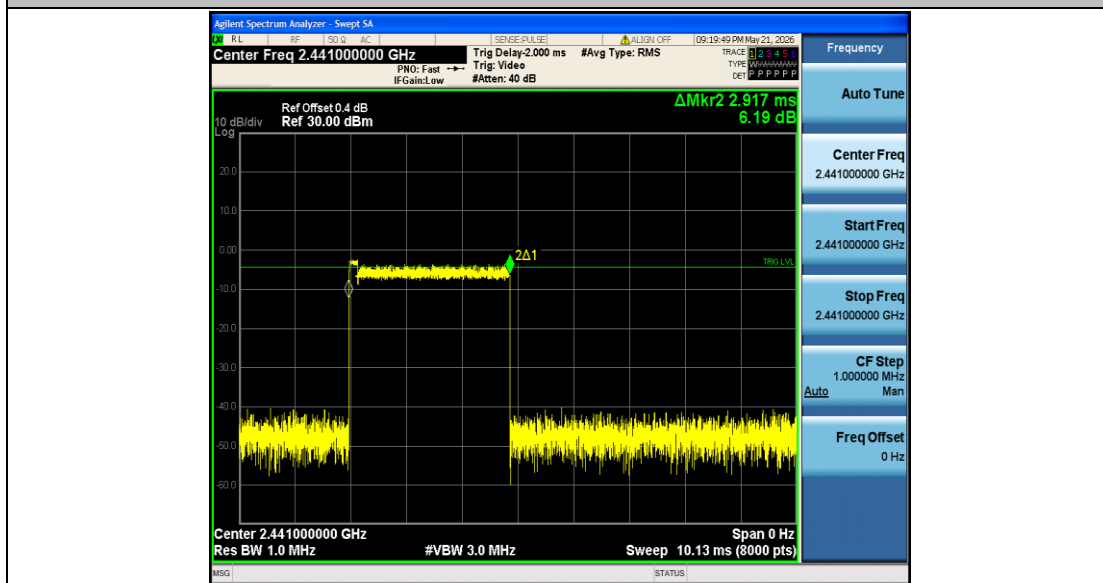
3DH1_Ant1_Hop

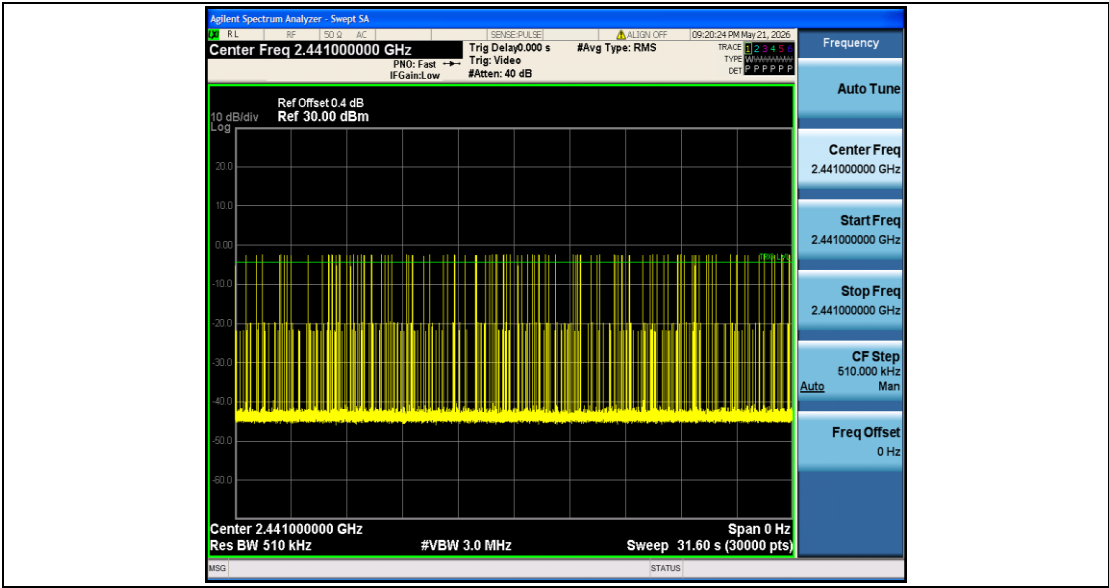


3DH3_Ant1_Hop



3DH5_Ant1_Hop



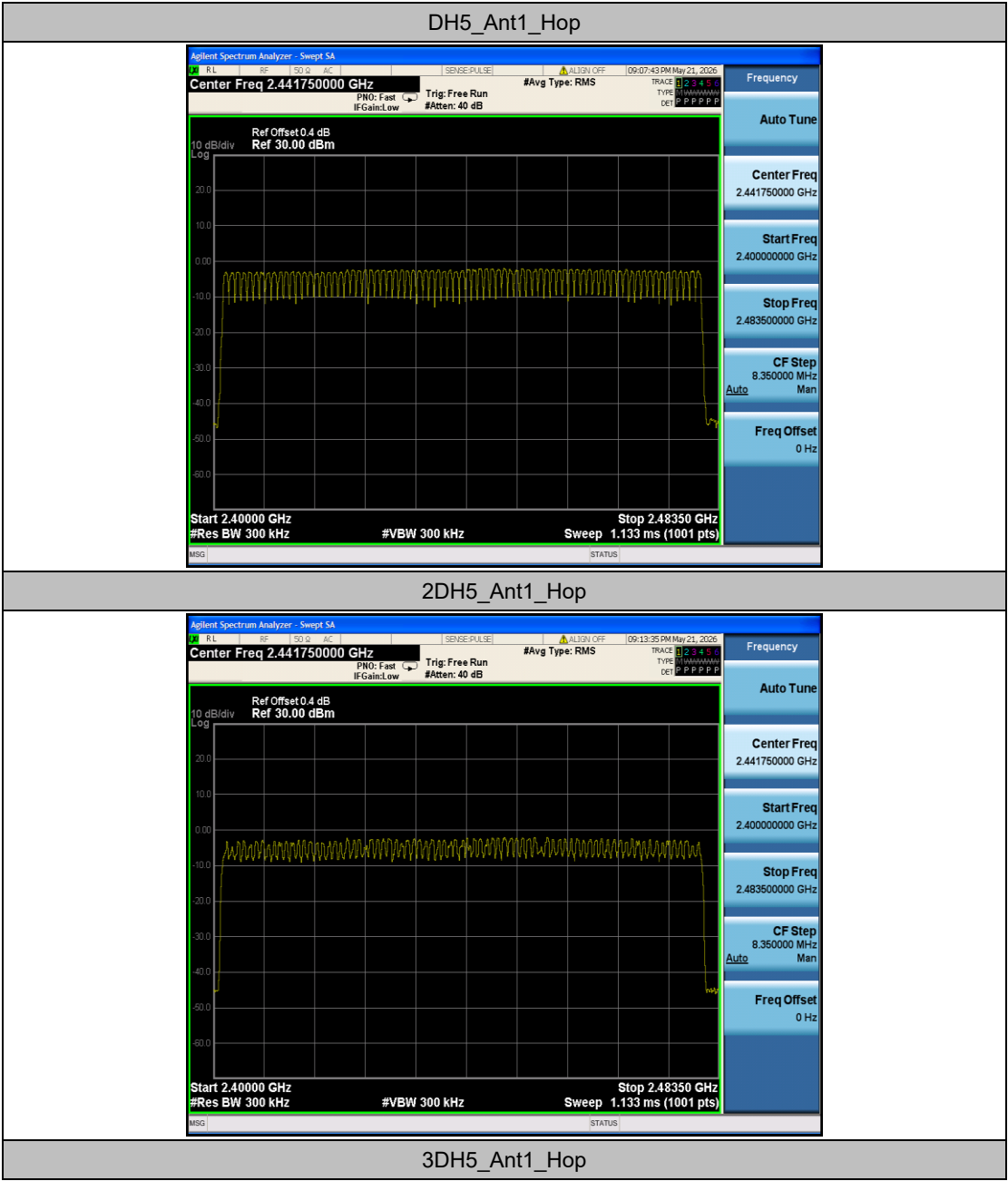


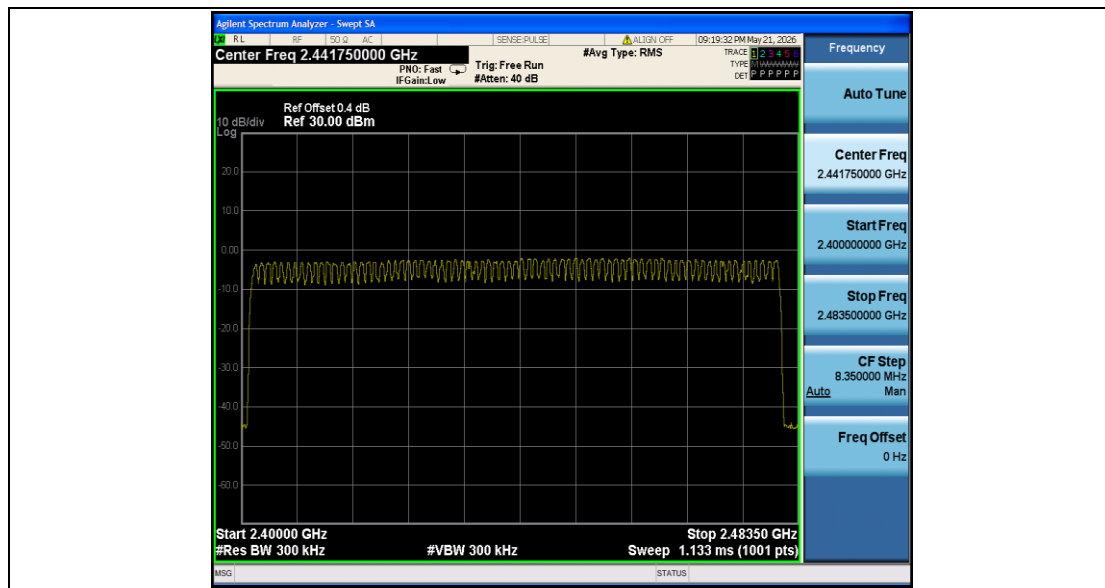
Appendix F: Number of hopping channels

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



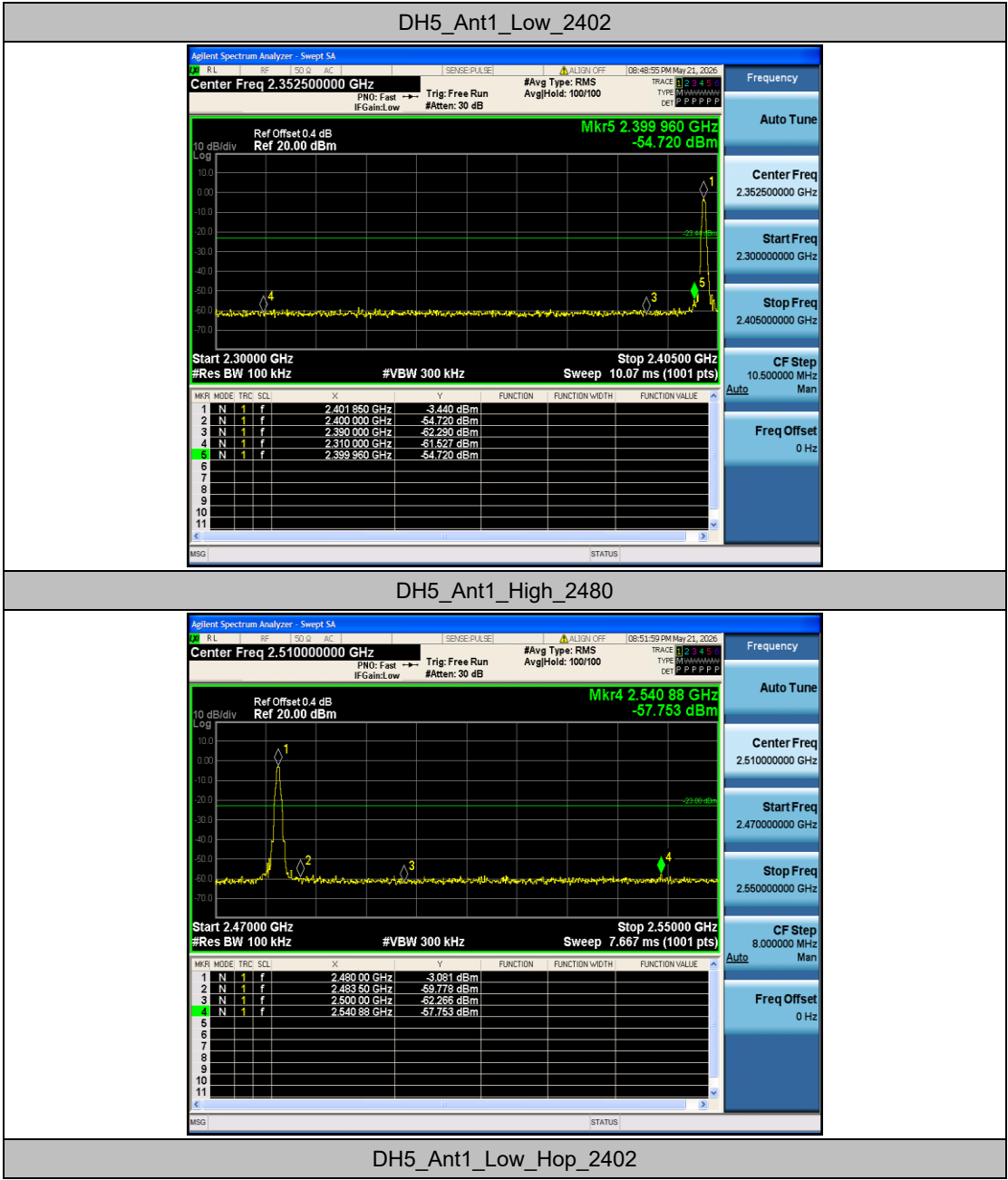


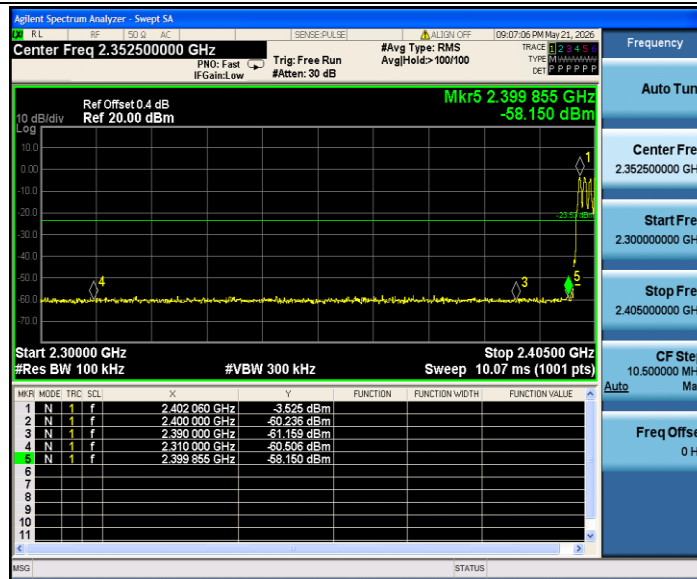
Appendix G: Band edge measurements

Test Result

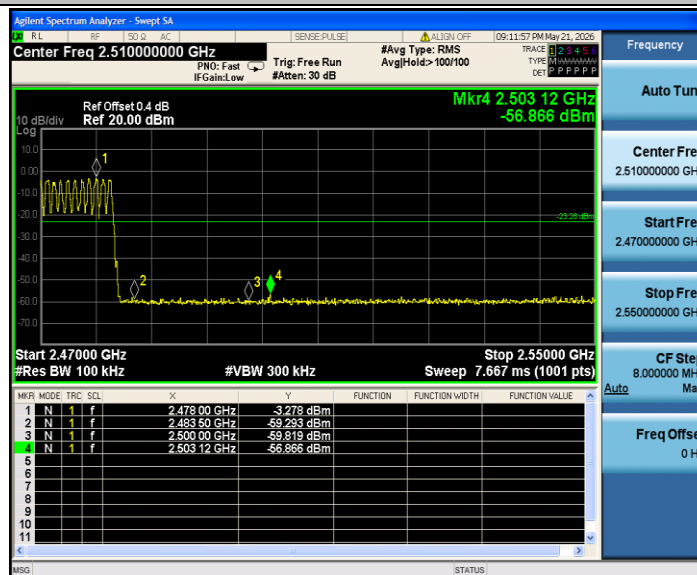
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-3.44	-54.72	≤-23.44	PASS
		High	2480	-3.08	-57.75	≤-23.08	PASS
		Low	Hop_2402	-3.53	-58.15	≤-23.53	PASS
		High	Hop_2480	-3.28	-56.87	≤-23.28	PASS
2DH5	Ant1	Low	2402	-8.30	-56.46	≤-28.3	PASS
		High	2480	-3.89	-57.95	≤-23.89	PASS
		Low	Hop_2402	-9.57	-56.76	≤-29.57	PASS
		High	Hop_2480	-3.85	-56.99	≤-23.85	PASS
3DH5	Ant1	Low	2402	-3.13	-58.16	≤-23.13	PASS
		High	2480	-3.03	-58.32	≤-23.03	PASS
		Low	Hop_2402	-3.50	-57.54	≤-23.5	PASS
		High	Hop_2480	-3.06	-57.16	≤-23.06	PASS

Test Graphs

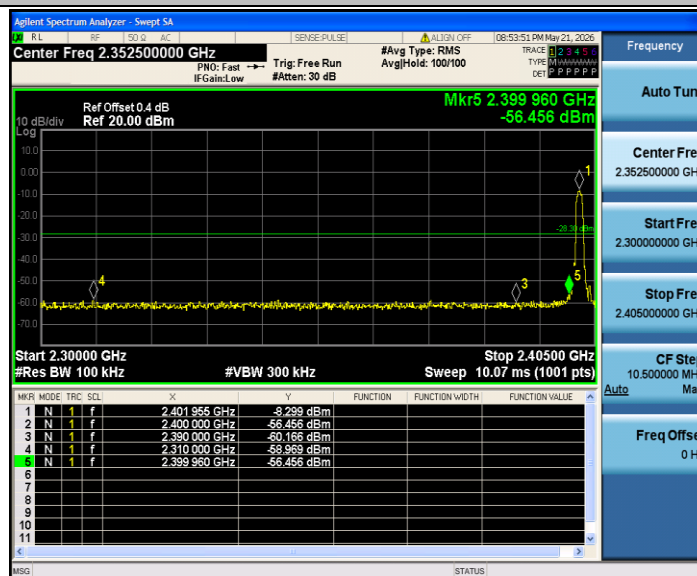




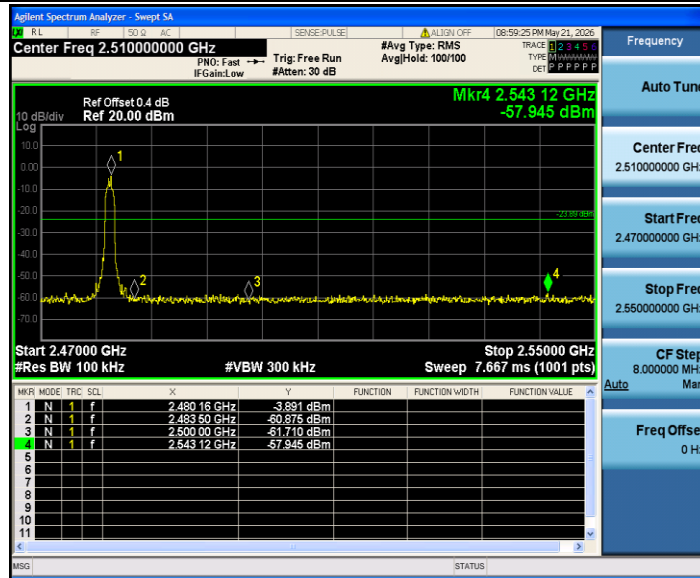
DH5_Ant1_High_Hop_2480



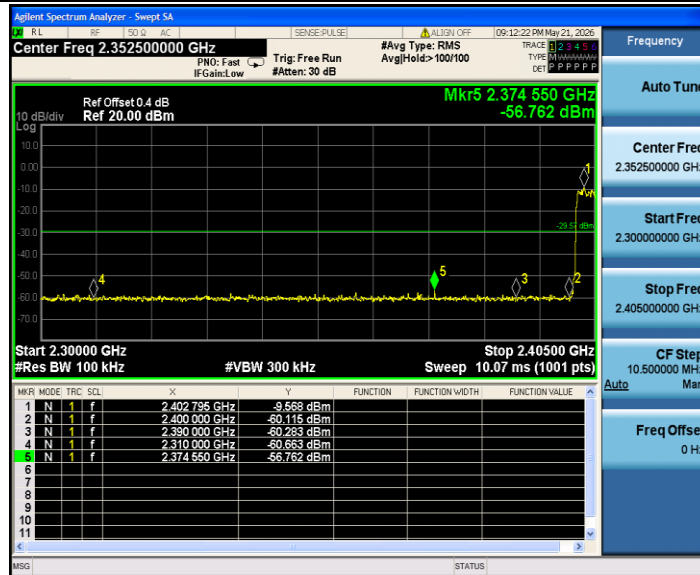
2DH5_Ant1_Low_2402



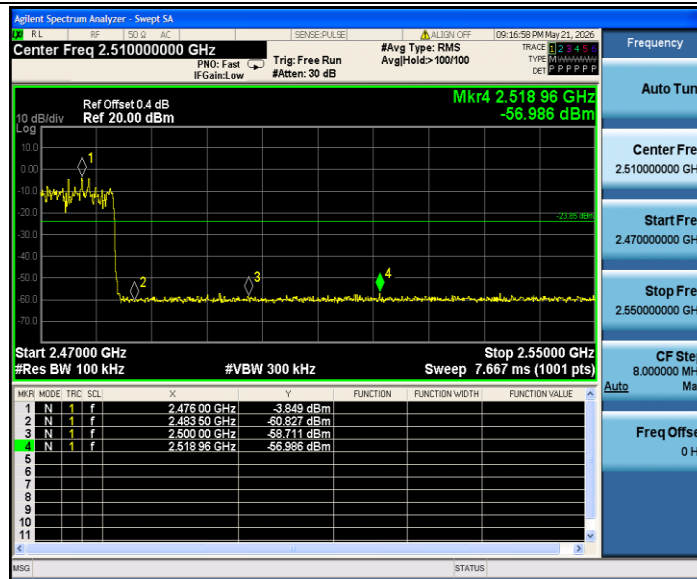
2DH5_Ant1_High_2480



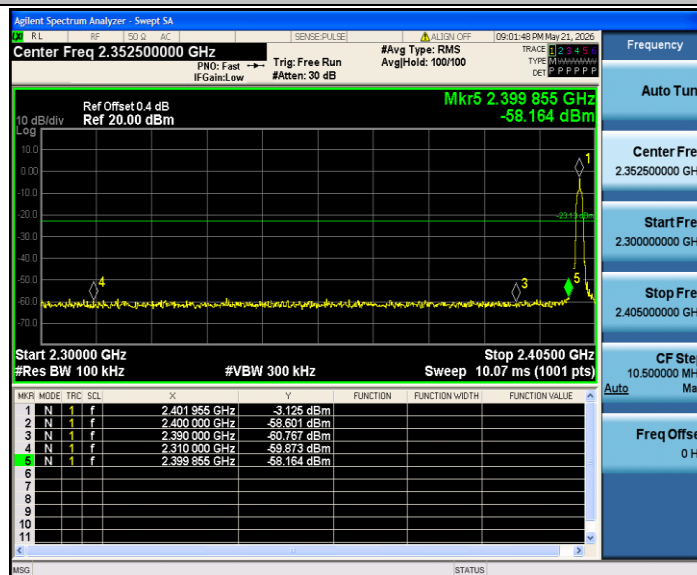
2DH5_Ant1_Low_Hop_2402



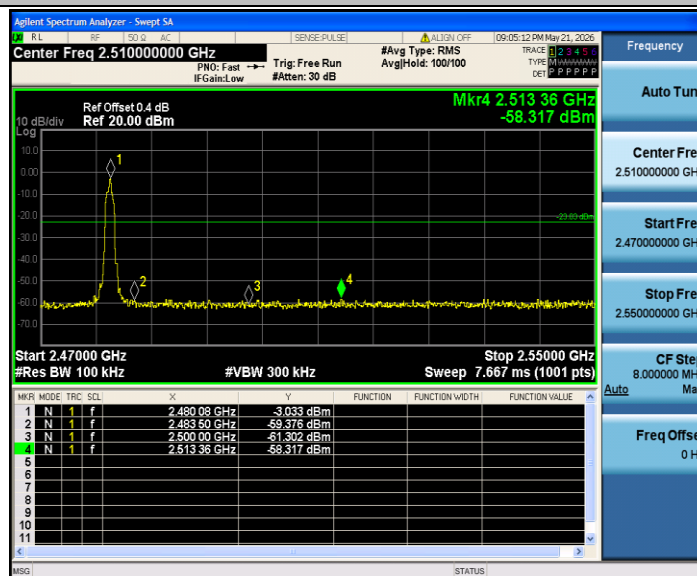
2DH5_Ant1_High_Hop_2480



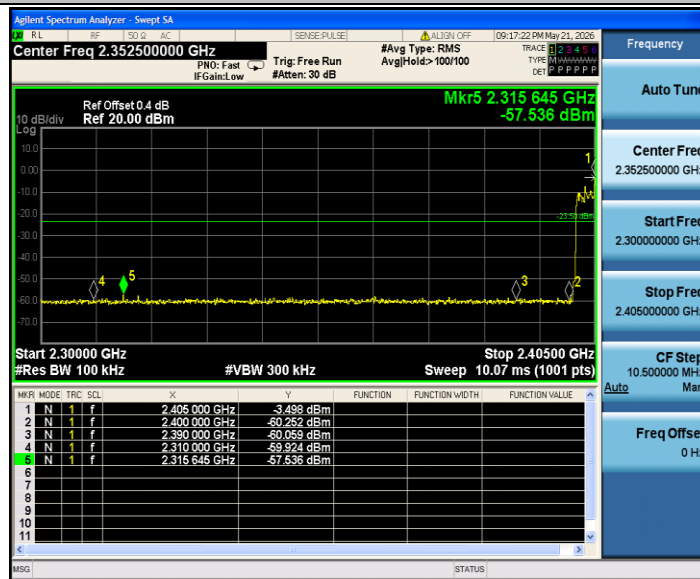
3DH5_Ant1_Low_2402



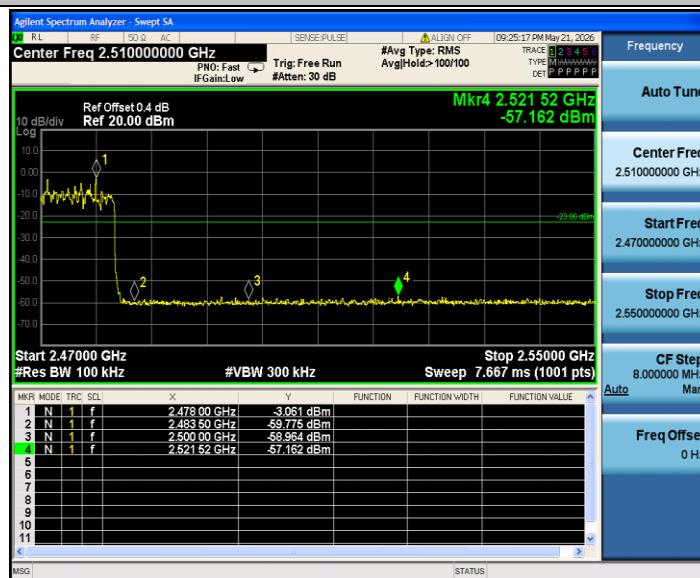
3DH5_Ant1_High_2480



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	-3.78	-3.78	---	PASS
			30~1000	-3.78	-68.4	≤-23.78	PASS
			1000~26500	-3.78	-30.56	≤-23.78	PASS
		2441	Reference	-4.01	-4.01	---	PASS
			30~1000	-4.01	-67.54	≤-24.01	PASS
			1000~26500	-4.01	-29.78	≤-24.01	PASS
		2480	Reference	-3.61	-3.61	---	PASS
			30~1000	-3.61	-68.15	≤-23.61	PASS
			1000~26500	-3.61	-29.32	≤-23.61	PASS
2DH5	Ant1	2402	Reference	-7.32	-7.32	---	PASS
			30~1000	-7.32	-68.19	≤-27.32	PASS
			1000~26500	-7.32	-36.67	≤-27.32	PASS
		2441	Reference	-4.31	-4.31	---	PASS
			30~1000	-4.31	-67.87	≤-24.31	PASS
			1000~26500	-4.31	-37.88	≤-24.31	PASS
		2480	Reference	-3.44	-3.44	---	PASS
			30~1000	-3.44	-68.16	≤-23.44	PASS
			1000~26500	-3.44	-37.41	≤-23.44	PASS
3DH5	Ant1	2402	Reference	-7.92	-7.92	---	PASS
			30~1000	-7.92	-68.22	≤-27.92	PASS
			1000~26500	-7.92	-37.89	≤-27.92	PASS
		2441	Reference	-7.28	-7.28	---	PASS
			30~1000	-7.28	-68.02	≤-27.28	PASS
			1000~26500	-7.28	-38.93	≤-27.28	PASS
		2480	Reference	-8.30	-8.30	---	PASS
			30~1000	-8.30	-68.61	≤-28.3	PASS
			1000~26500	-8.30	-38.97	≤-28.3	PASS