

FCC Appendix RF Test Data for BT

FCC ID : **2BS8M-G56**

Company : **Shenzhen FirstCloud Smart Create Technology
Co., Ltd**

EUT : **Dash Camera**

Model Number : **G56**

Report No. : **CTA25110601108**

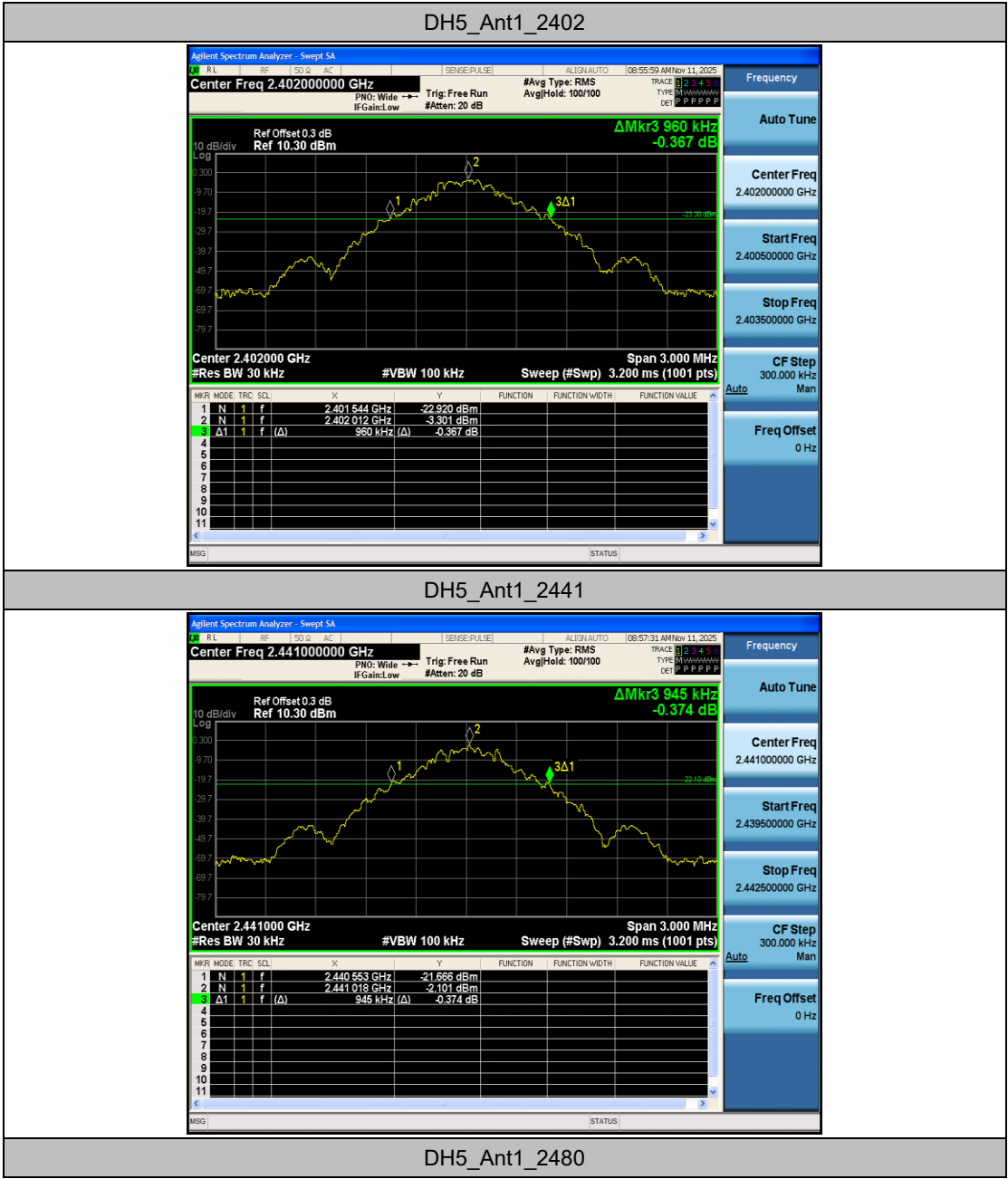
Reviewed By : **Eric Wang**

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.960	2401.544	2402.504	---	---
		2441	0.945	2440.553	2441.498	---	---
		2480	0.957	2479.544	2480.501	---	---
2DH5	Ant1	2402	1.323	2401.346	2402.669	---	---
		2441	1.314	2440.355	2441.669	---	---
		2480	1.338	2479.343	2480.681	---	---
3DH5	Ant1	2402	1.281	2401.379	2402.660	---	---
		2441	1.326	2440.343	2441.669	---	---
		2480	1.317	2479.352	2480.669	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

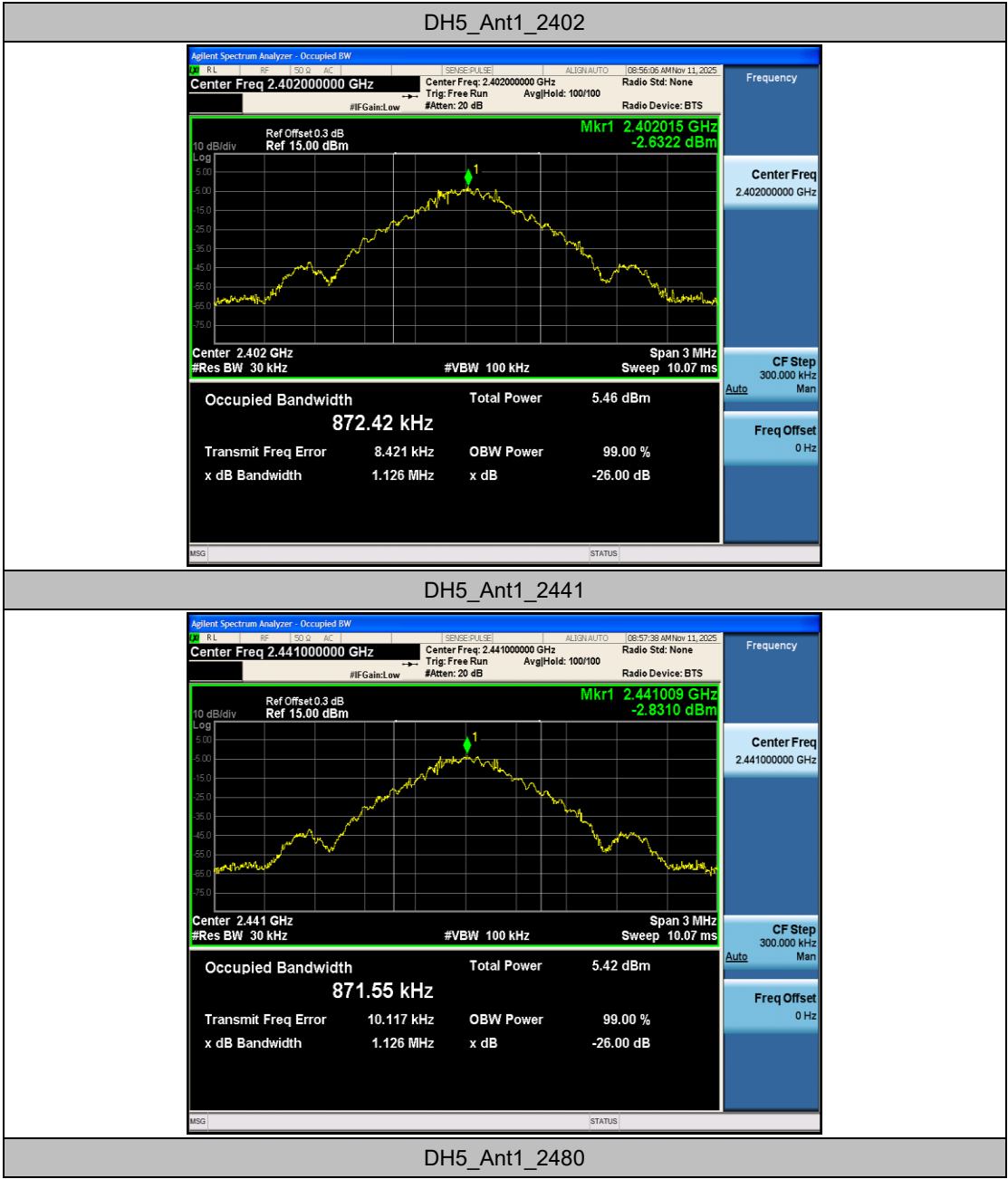


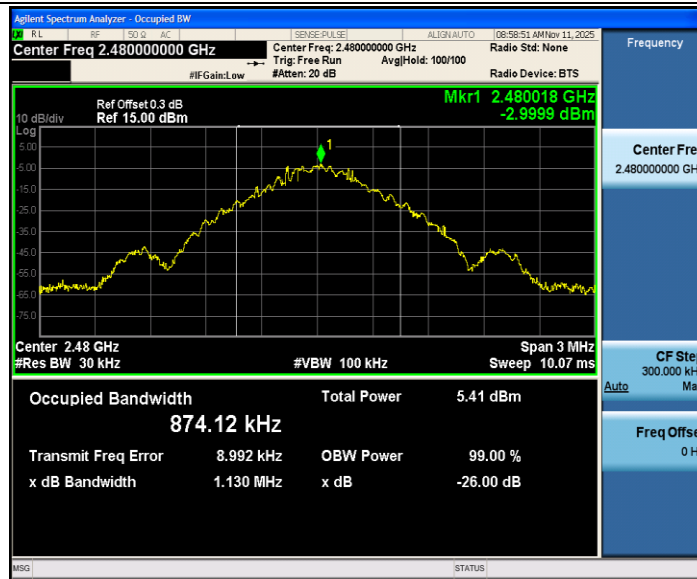
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87242	2401.5722	2402.4446	---	---
		2441	0.87155	2440.5743	2441.4459	---	---
		2480	0.87412	2479.5719	2480.4461	---	---
2DH5	Ant1	2402	1.1858	2401.4182	2402.6040	---	---
		2441	1.1836	2440.4188	2441.6024	---	---
		2480	1.1909	2479.4164	2480.6073	---	---
3DH5	Ant1	2402	1.1844	2401.4179	2402.6023	---	---
		2441	1.1887	2440.4170	2441.6057	---	---
		2480	1.1903	2479.4165	2480.6068	---	---

Test Graphs

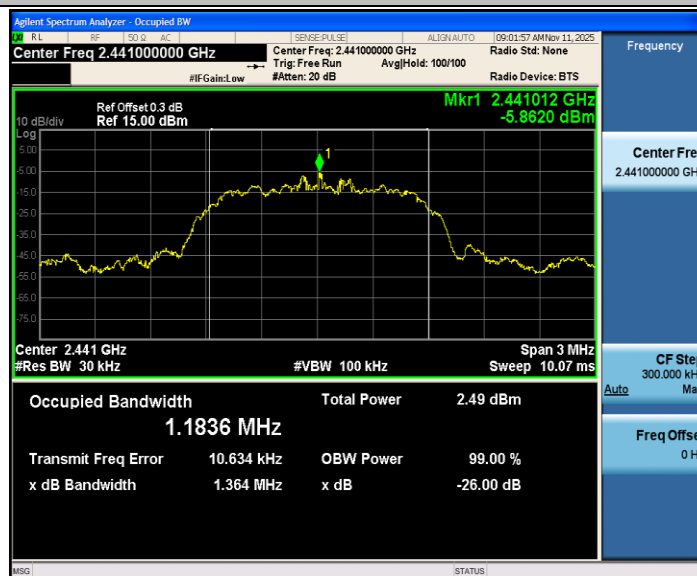




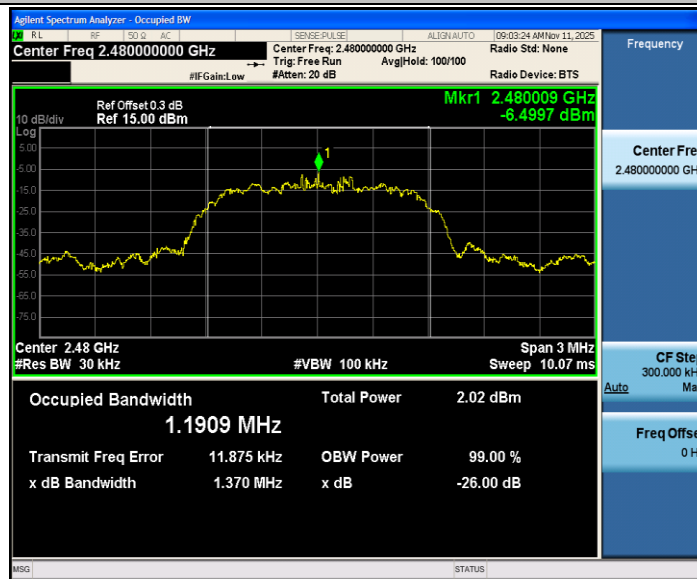
2DH5_Ant1_2402



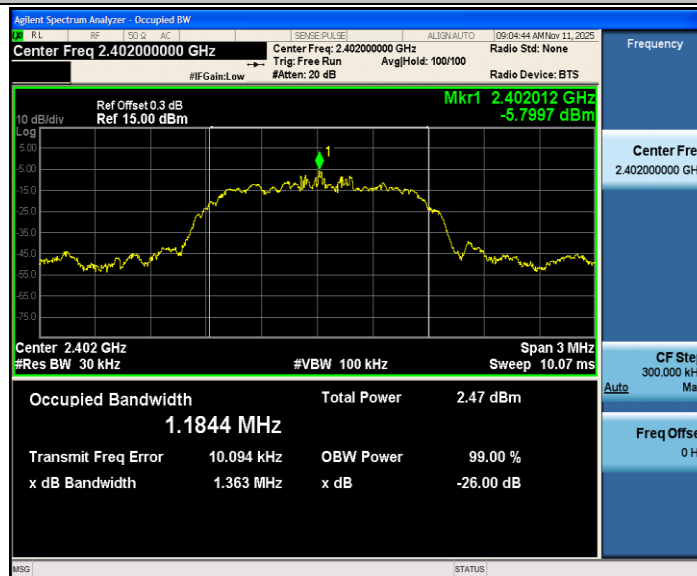
2DH5_Ant1_2441



2DH5_Ant1_2480



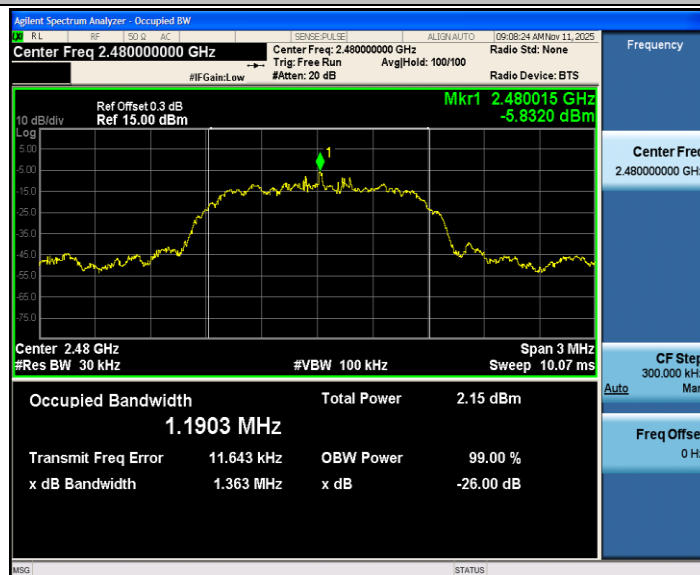
3DH5_Ant1_2402



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	-0.34	≤20.97	PASS
		2441	-0.42	≤20.97	PASS
		2480	-0.41	≤20.97	PASS
2DH5	Ant1	2402	-1.21	≤20.97	PASS
		2441	-1.25	≤20.97	PASS
		2480	-1.27	≤20.97	PASS
3DH5	Ant1	2402	-1.20	≤20.97	PASS
		2441	-1.26	≤20.97	PASS
		2480	-1.21	≤20.97	PASS

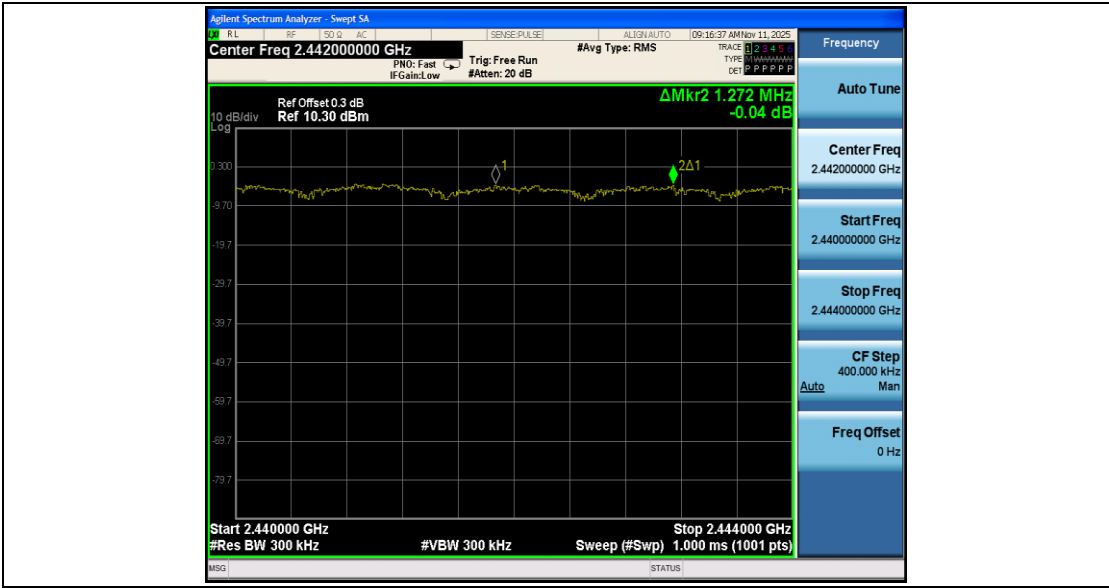
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.152	≥ 0.960	PASS
2DH5	Ant1	Hop	1.14	≥ 0.892	PASS
3DH5	Ant1	Hop	1.272	≥ 0.884	PASS

Test Graphs



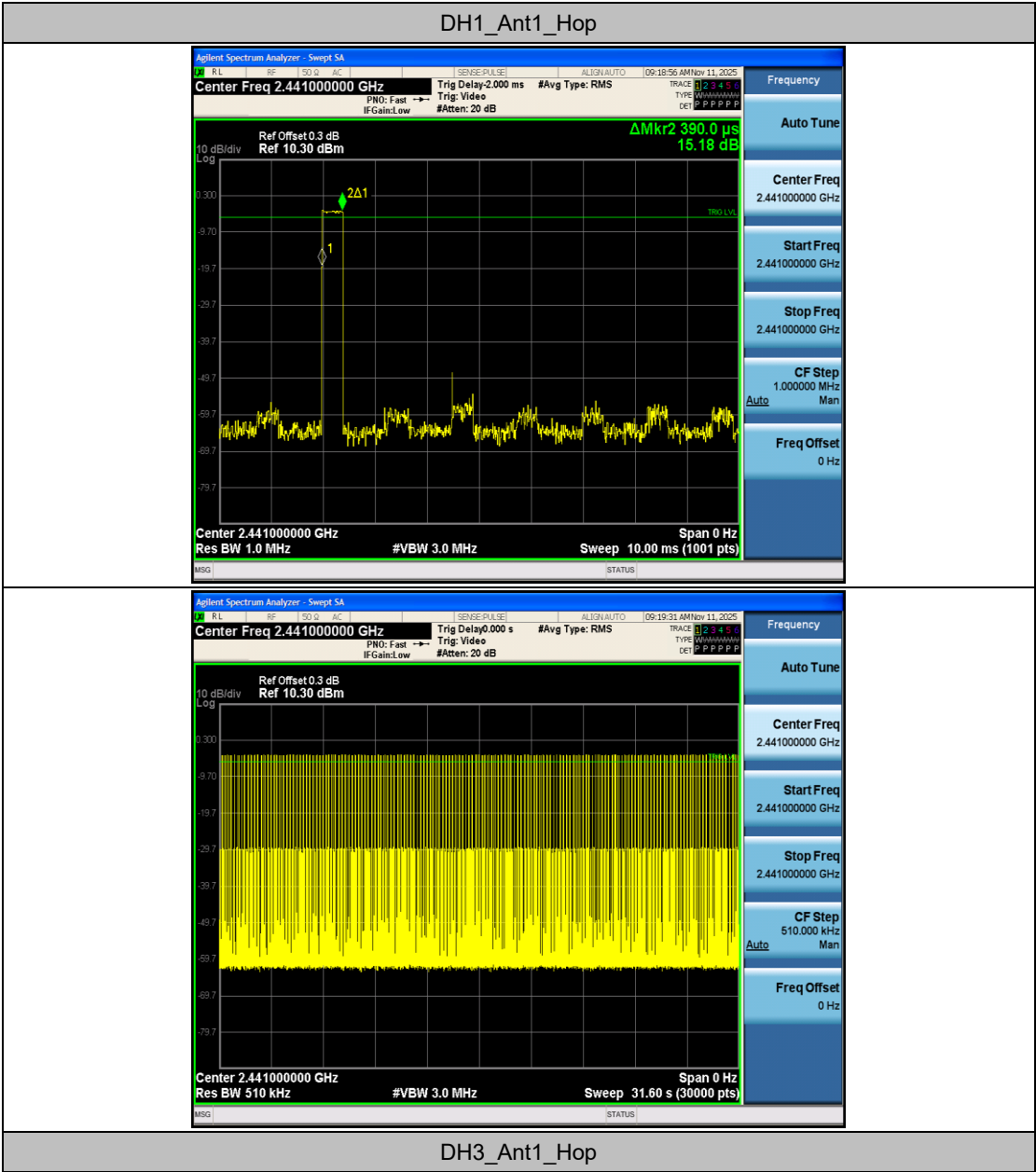


Appendix E: Time of occupancy

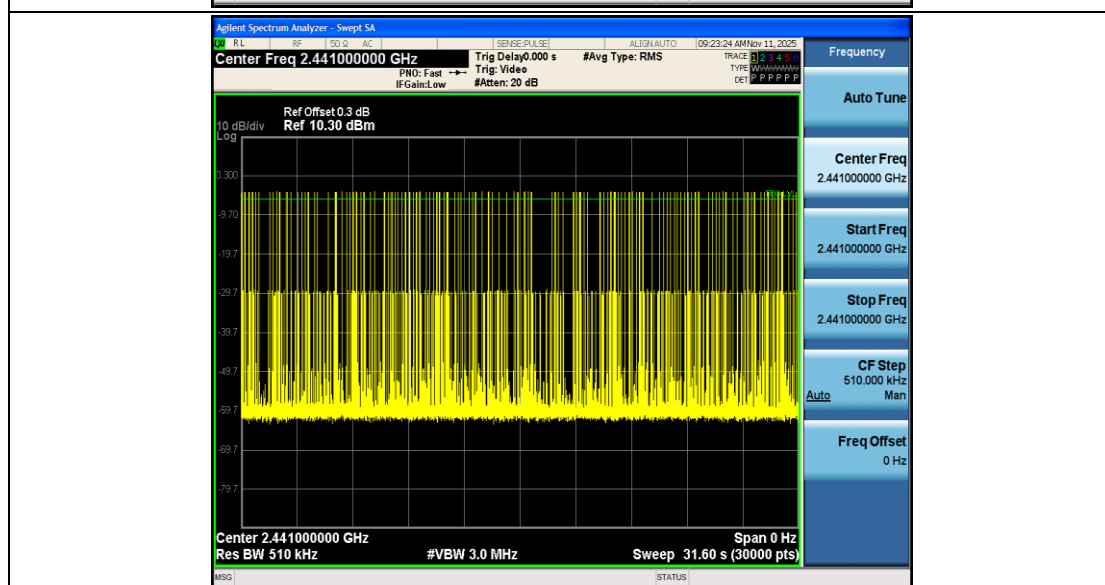
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.390	317	0.124	≤0.4	PASS
DH3	Ant1	Hop	1.650	158	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.890	105	0.303	≤0.4	PASS
2DH1	Ant1	Hop	0.390	316	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.640	154	0.253	≤0.4	PASS
2DH5	Ant1	Hop	2.900	112	0.325	≤0.4	PASS
3DH1	Ant1	Hop	0.390	318	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.650	158	0.261	≤0.4	PASS
3DH5	Ant1	Hop	2.900	104	0.302	≤0.4	PASS

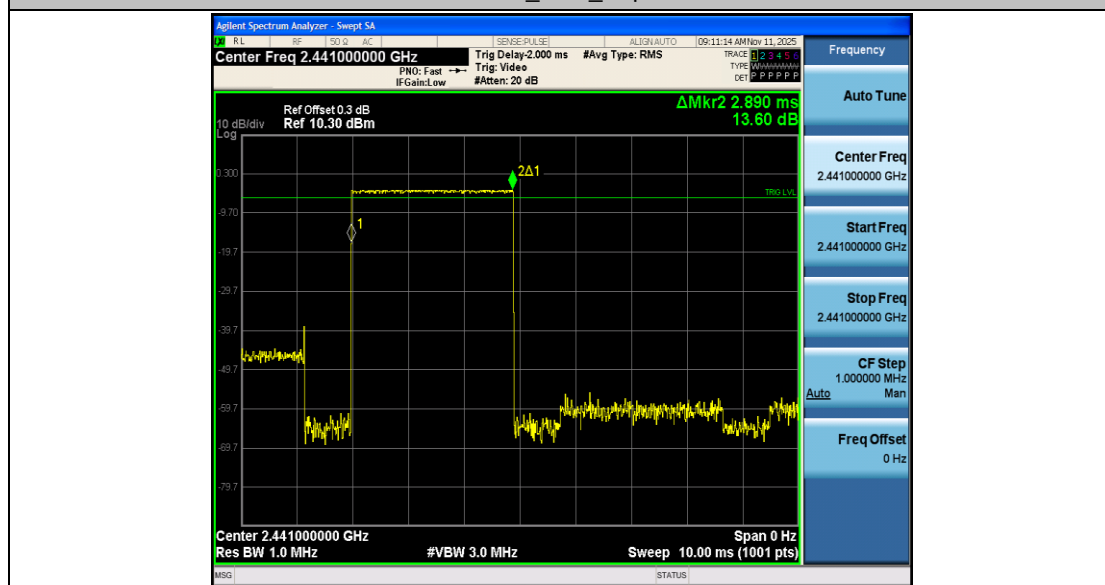
Test Graphs

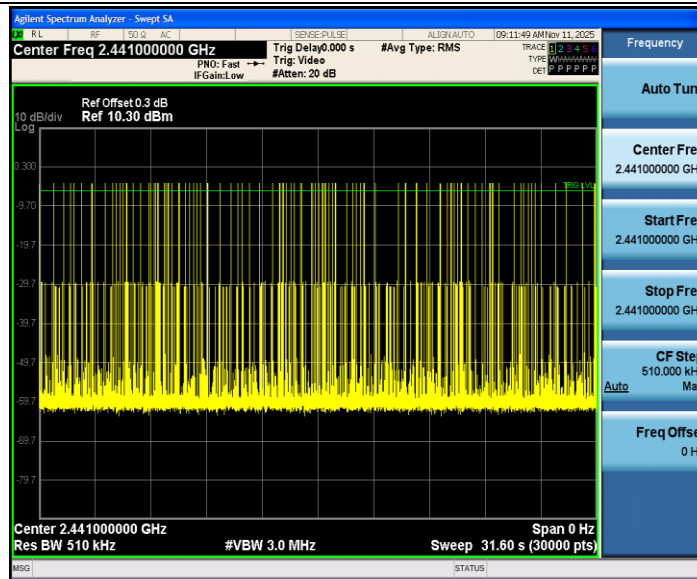


DH3_Ant1_Hop

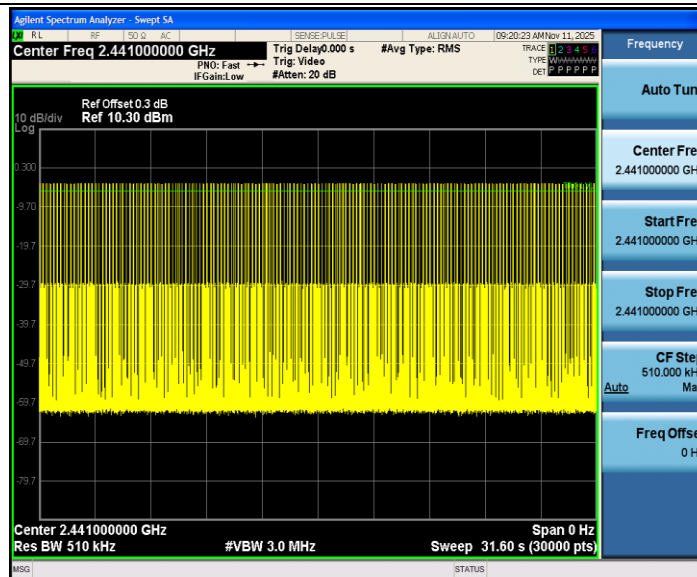
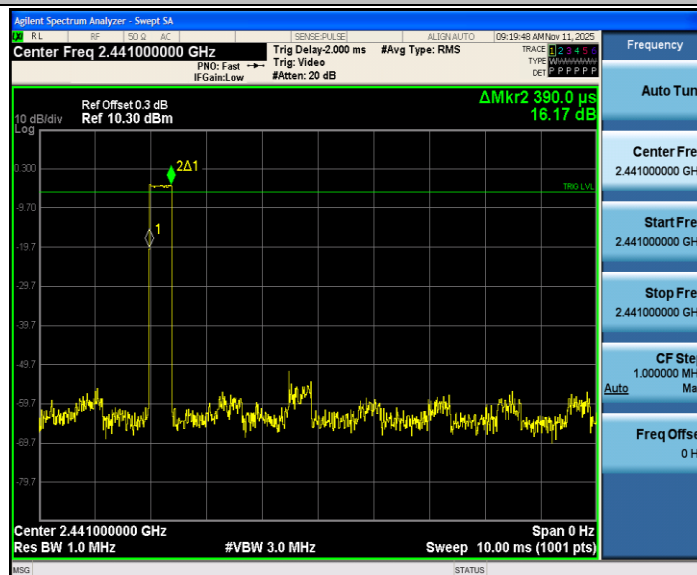


DH5_Ant1_Hop

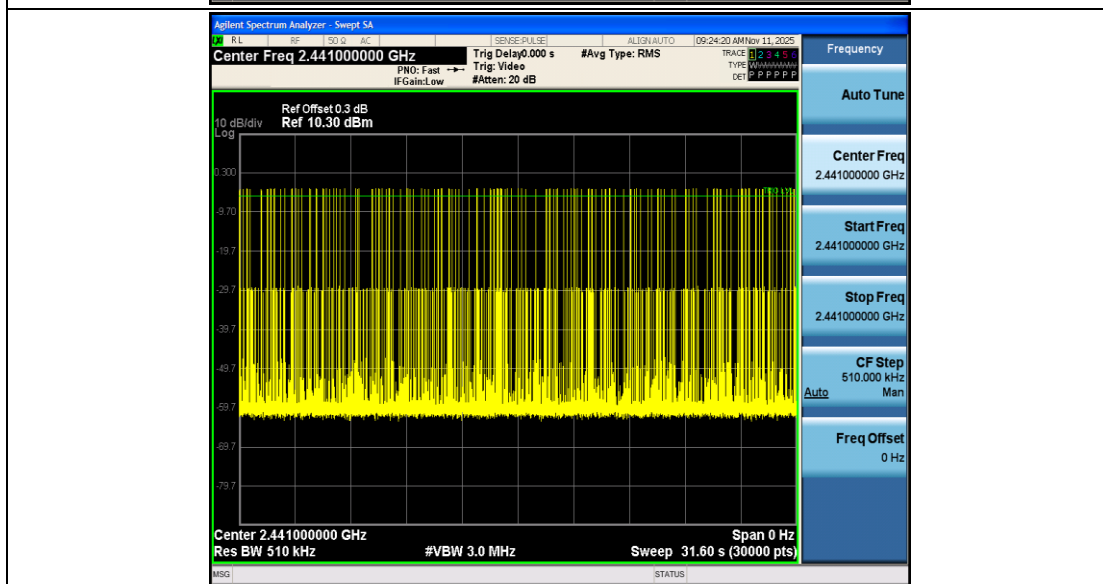
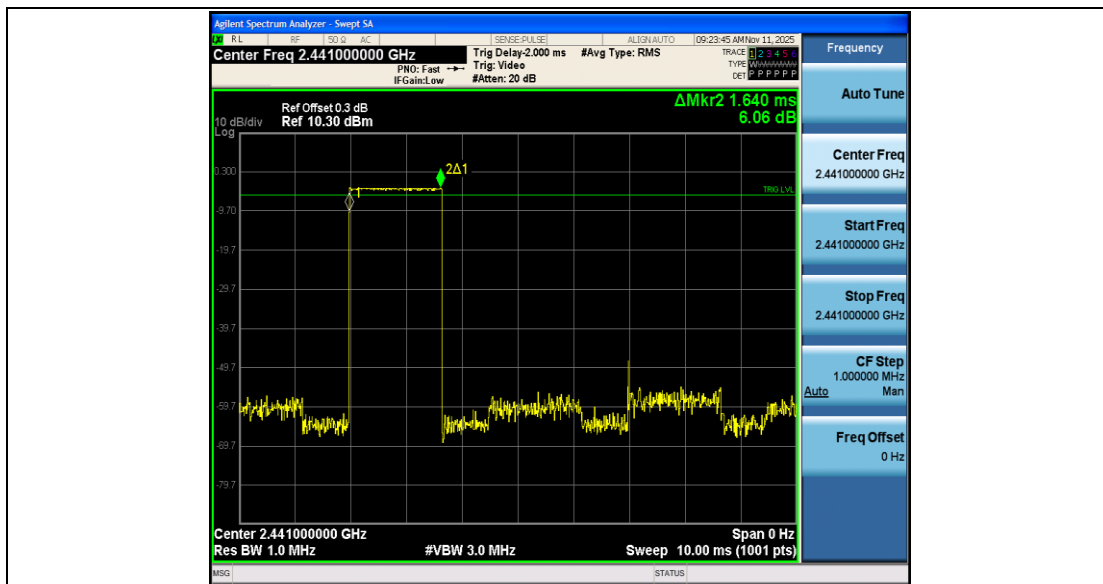




2DH1_Ant1_Hop

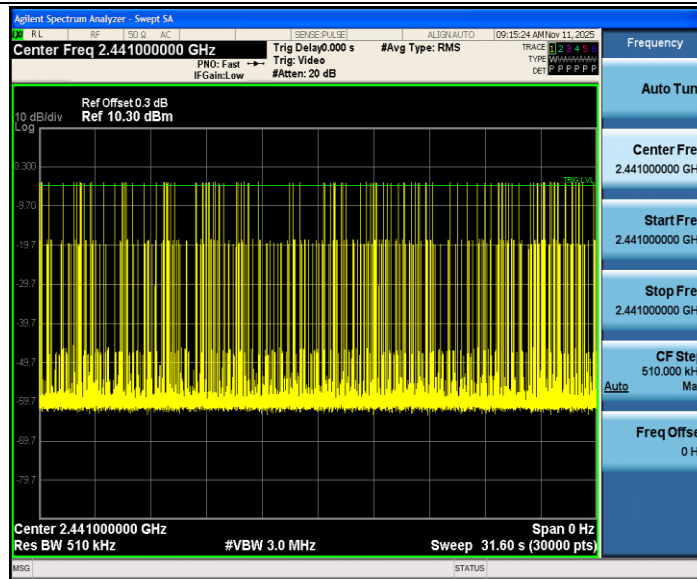


2DH3_Ant1_Hop

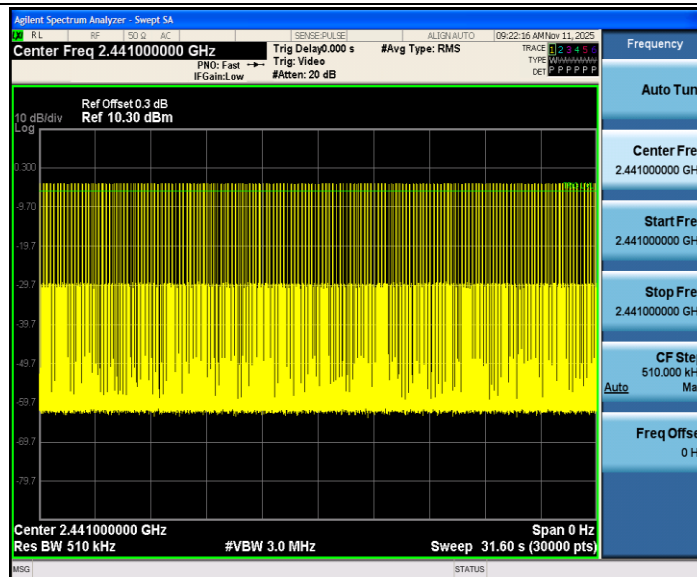
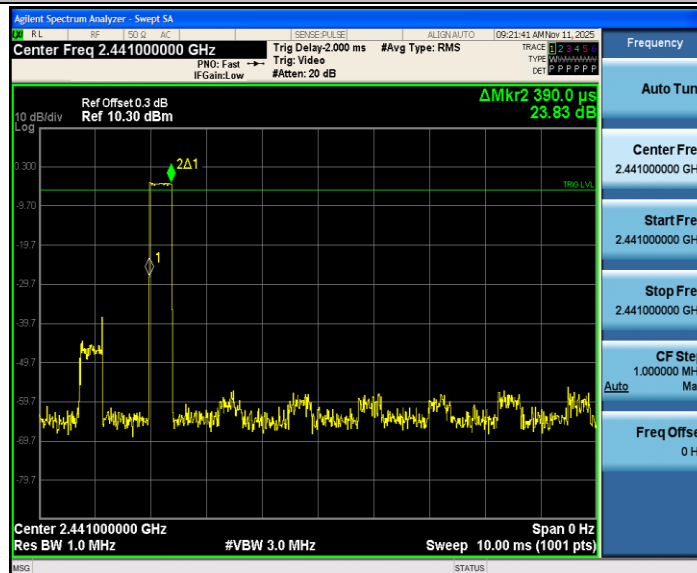


2DH5_Ant1_Hop

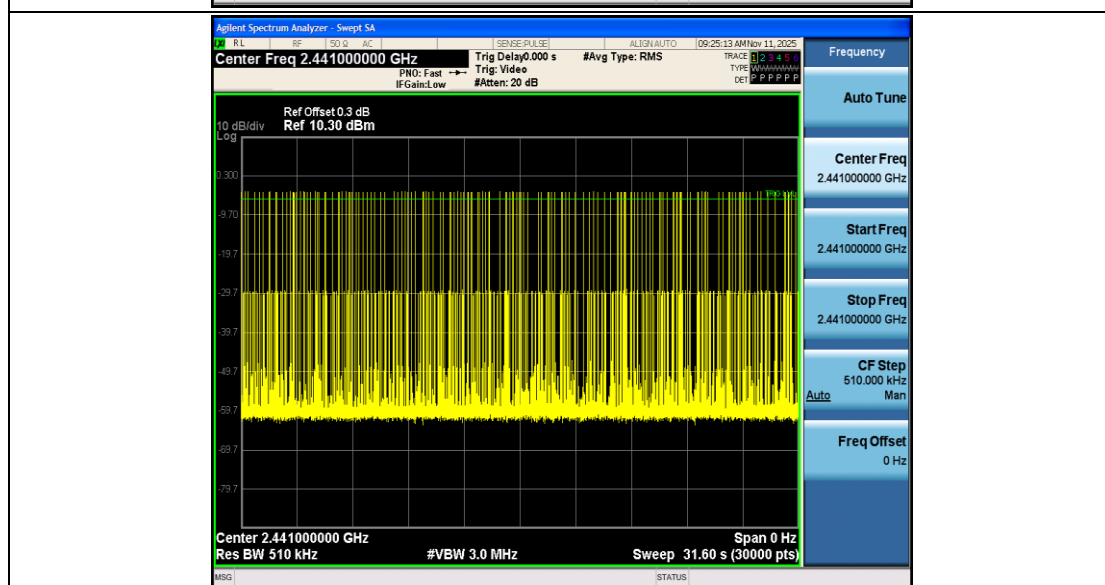




3DH1_Ant1_Hop

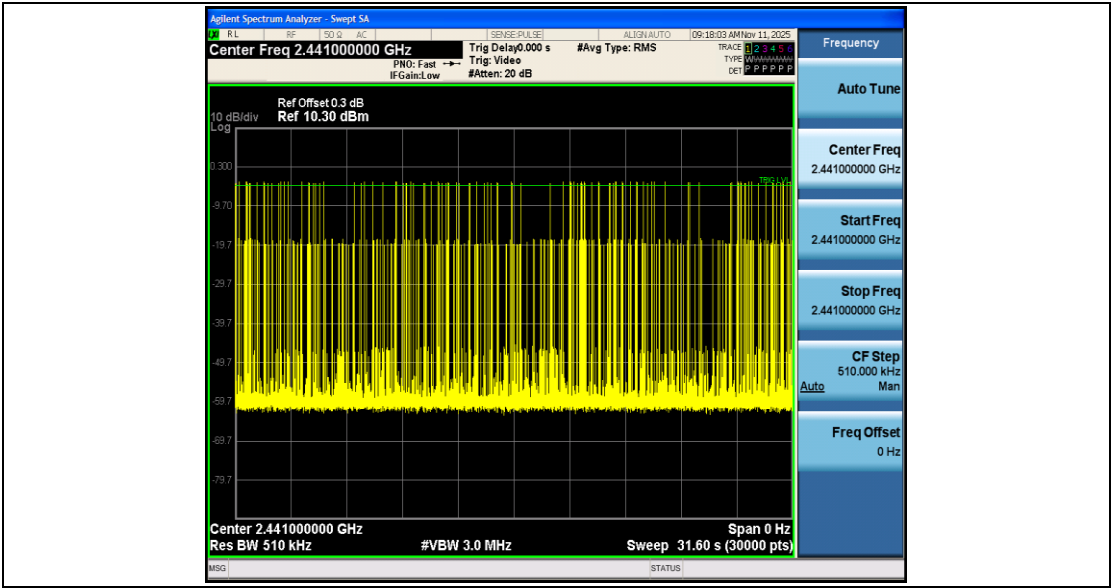


3DH3_Ant1_Hop



3DH5_Ant1_Hop



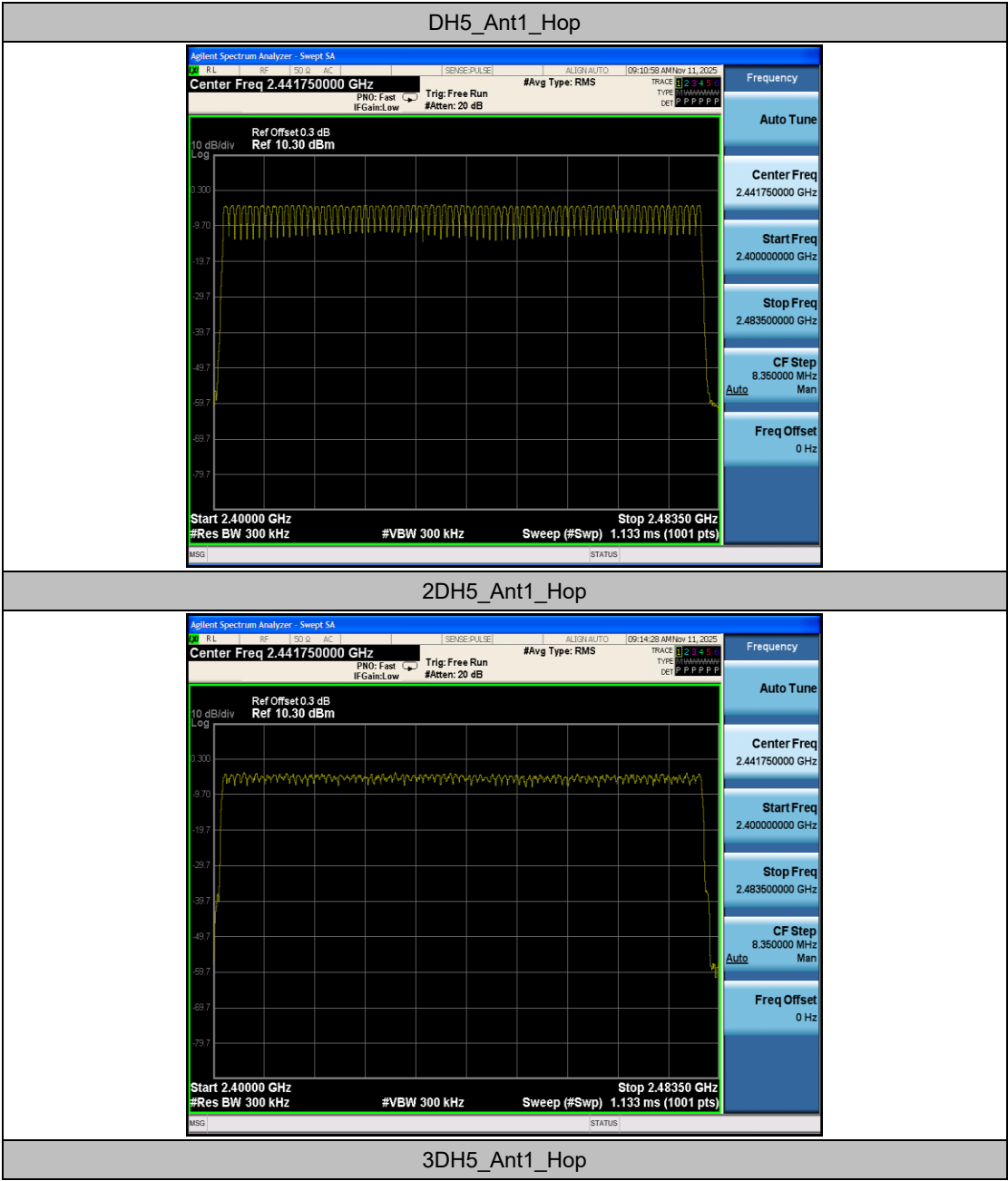


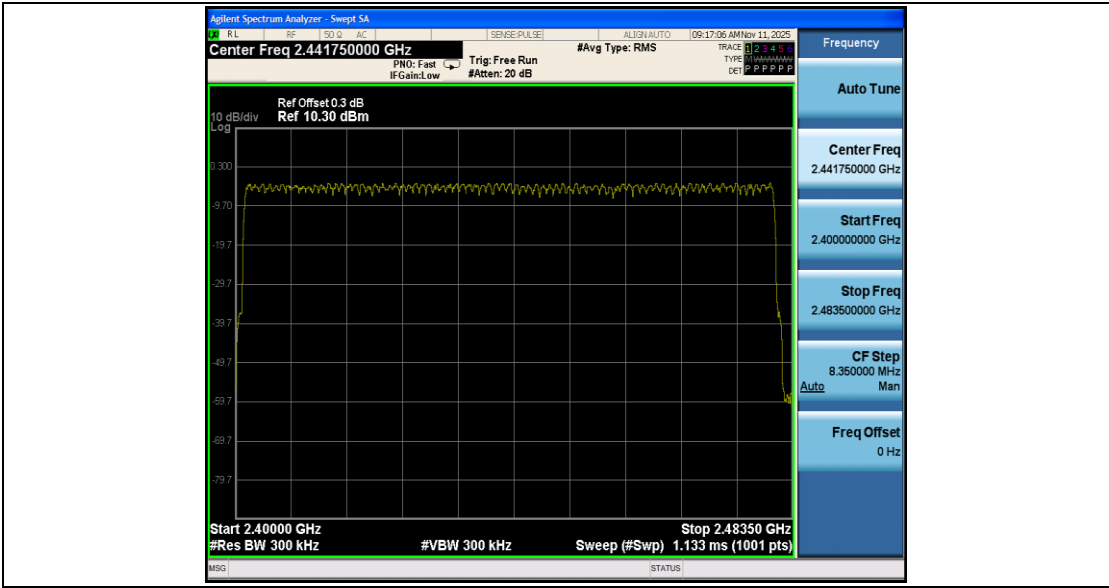
Appendix F: Number of hopping channels

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



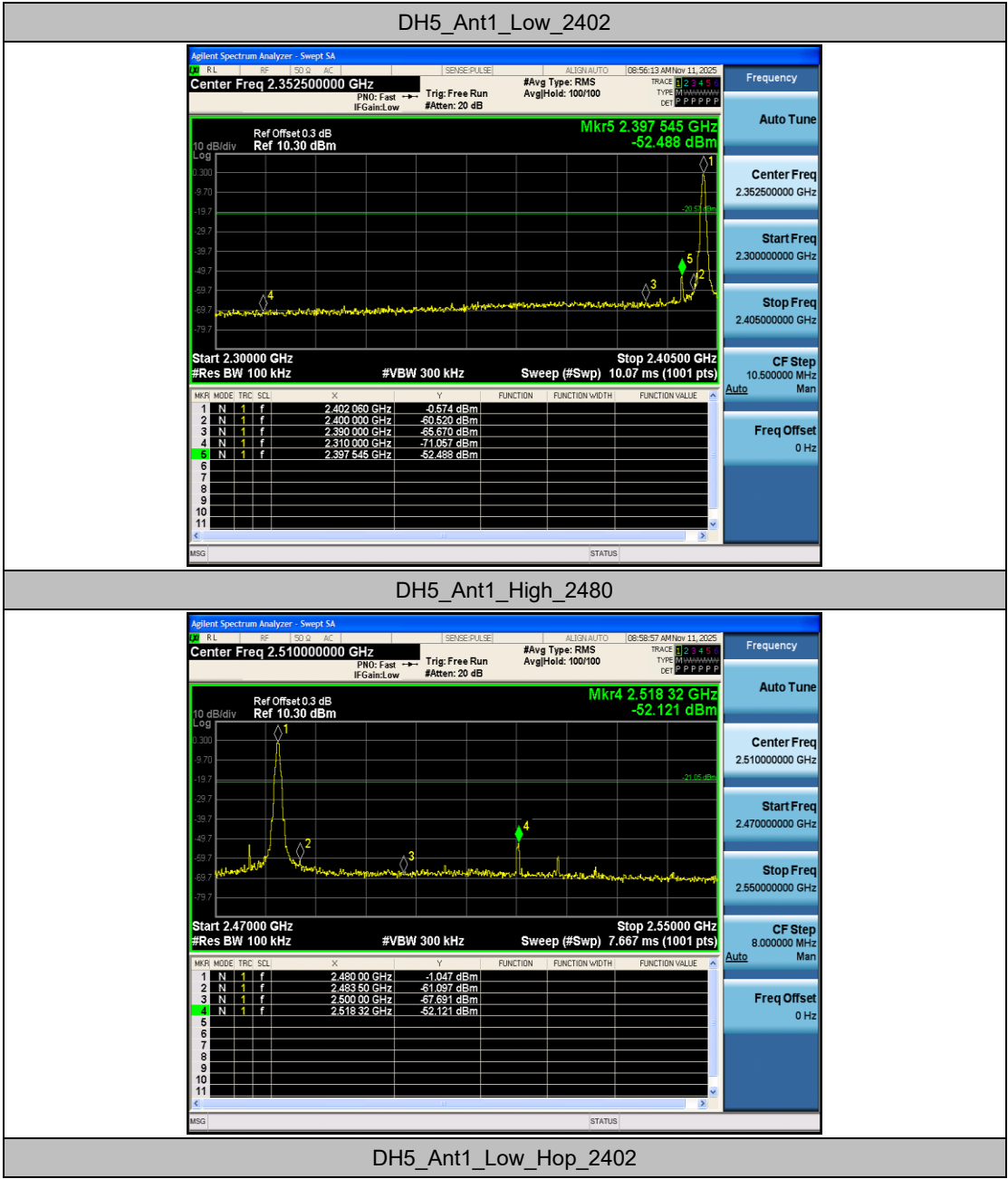


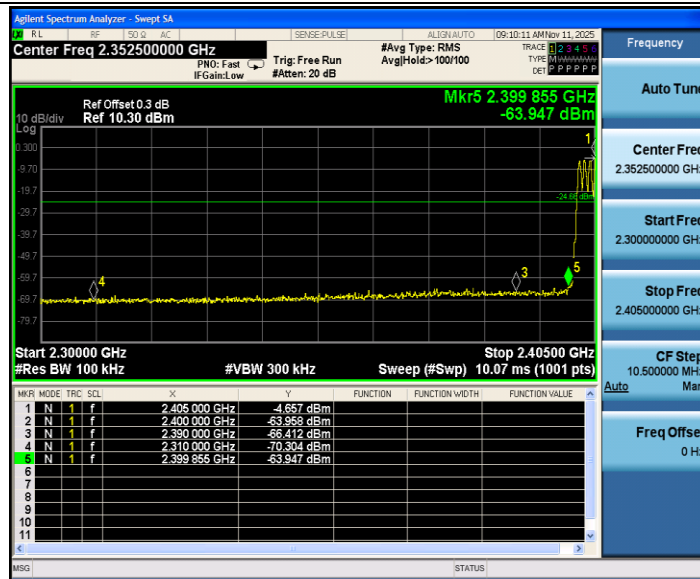
Appendix G: Band edge measurements

Test Result

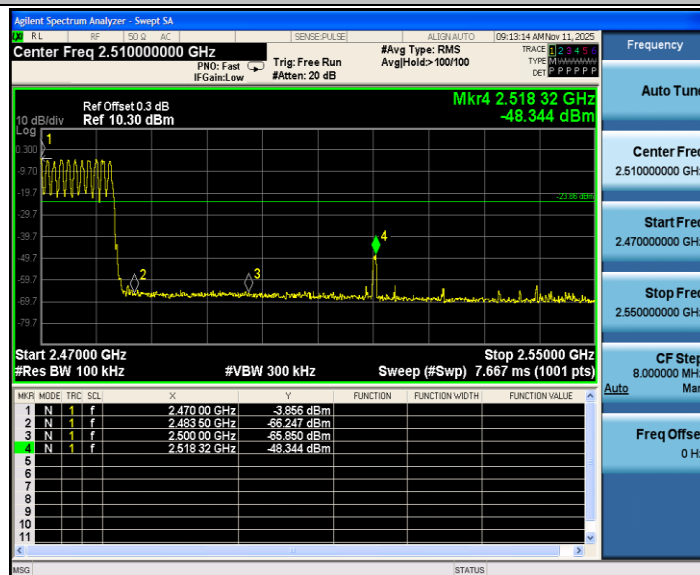
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.57	-52.49	≤-20.57	PASS
		High	2480	-1.05	-52.12	≤-21.05	PASS
		Low	Hop_2402	-4.66	-63.95	≤-24.66	PASS
		High	Hop_2480	-3.86	-48.34	≤-23.86	PASS
2DH5	Ant1	Low	2402	-4.04	-58.92	≤-24.04	PASS
		High	2480	-4.01	-54.42	≤-24.01	PASS
		Low	Hop_2402	-4.59	-61.49	≤-24.59	PASS
		High	Hop_2480	-4.52	-47.8	≤-24.52	PASS
3DH5	Ant1	Low	2402	-3.94	-61.39	≤-23.94	PASS
		High	2480	-5.11	-56.42	≤-25.11	PASS
		Low	Hop_2402	-3.81	-57.23	≤-23.81	PASS
		High	Hop_2480	-4.26	-63.98	≤-24.26	PASS

Test Graphs

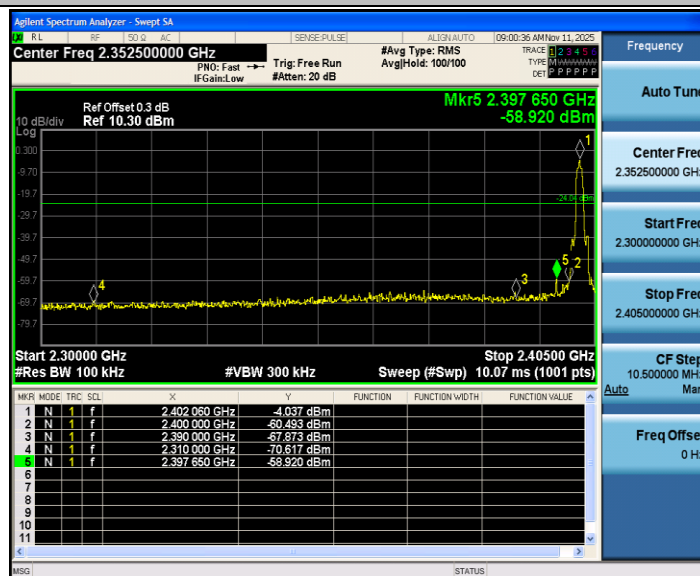




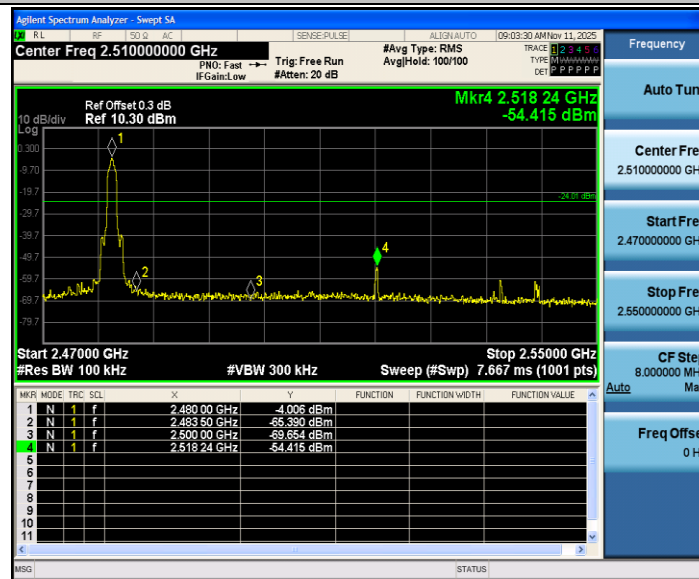
DH5_Ant1_High_Hop_2480



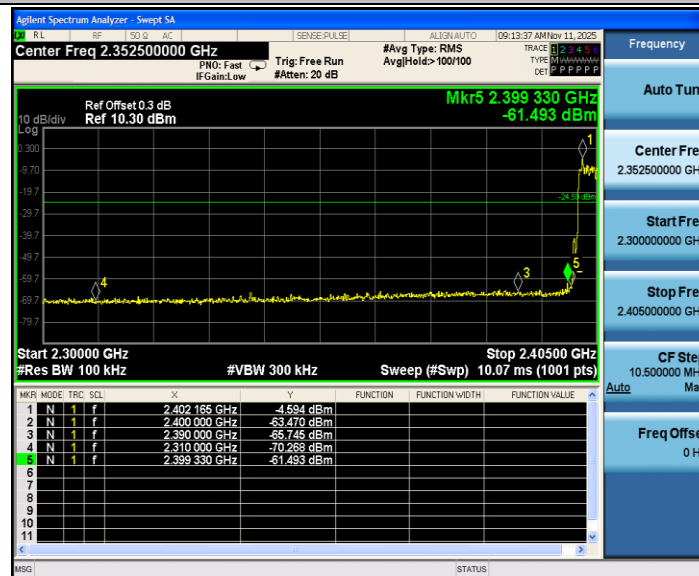
2DH5_Ant1_Low_2402



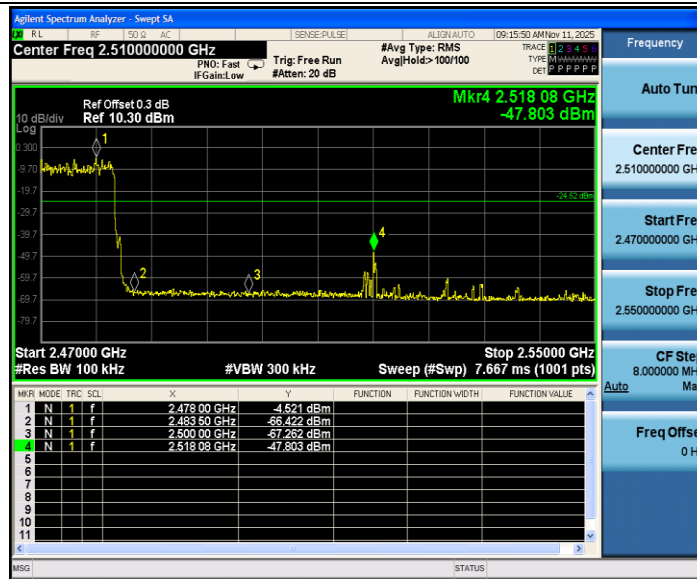
2DH5_Ant1_High_2480



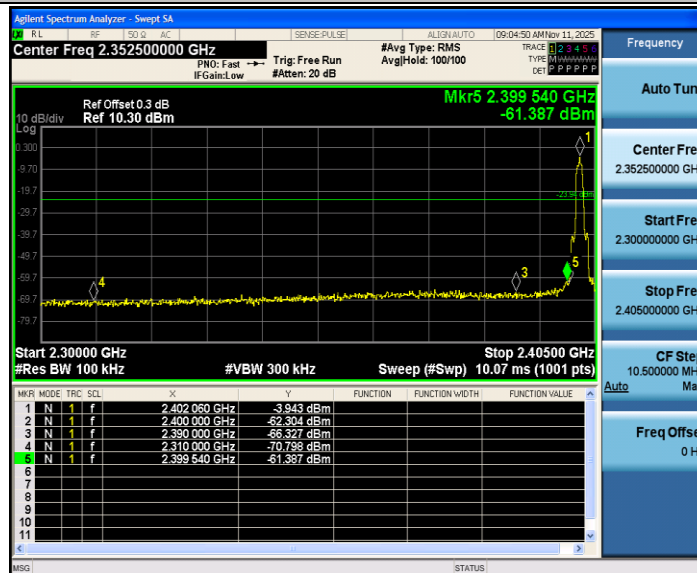
2DH5_Ant1_Low_Hop_2402



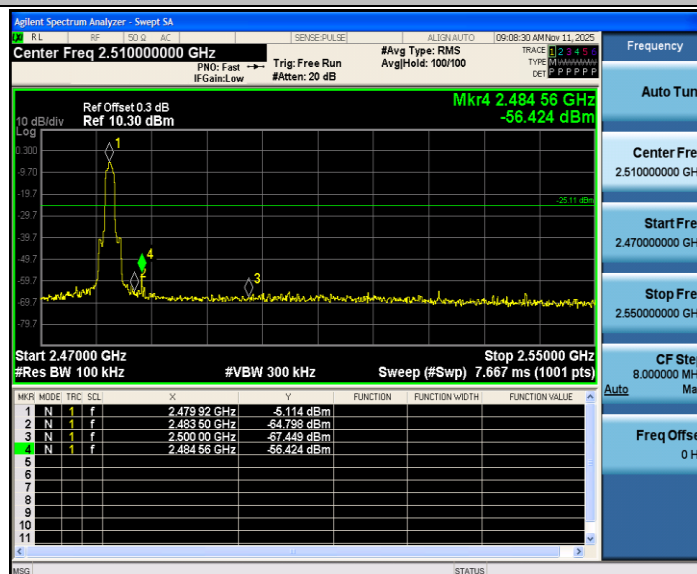
2DH5_Ant1_High_Hop_2480



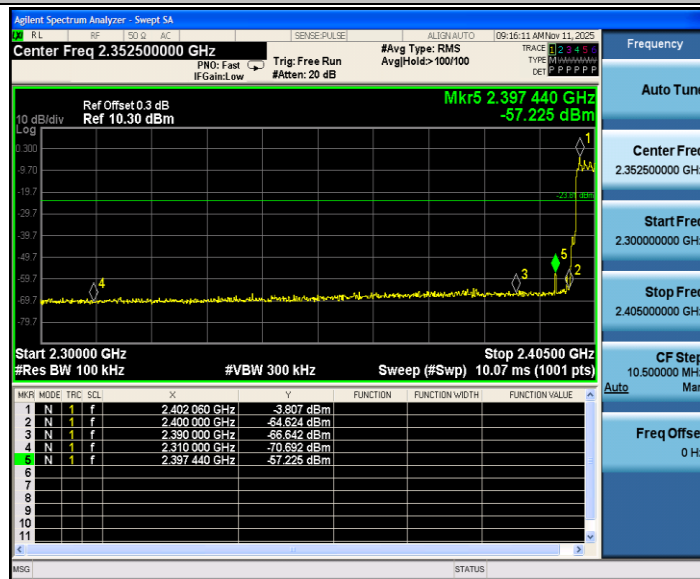
3DH5_Ant1_Low_2402



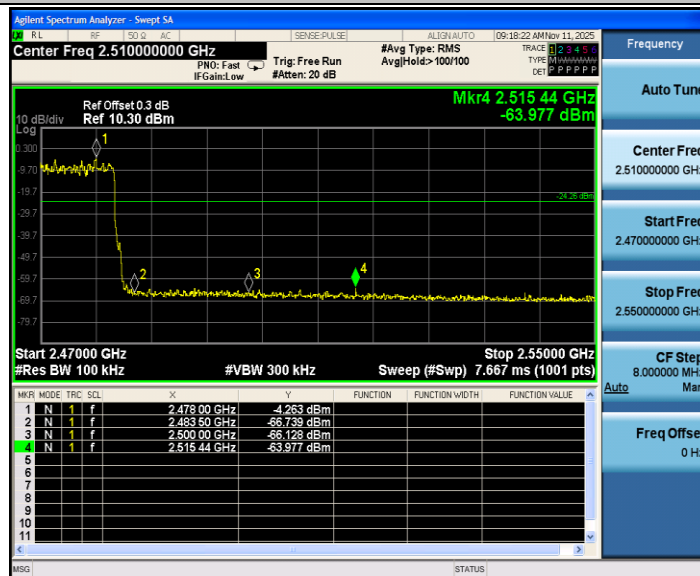
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

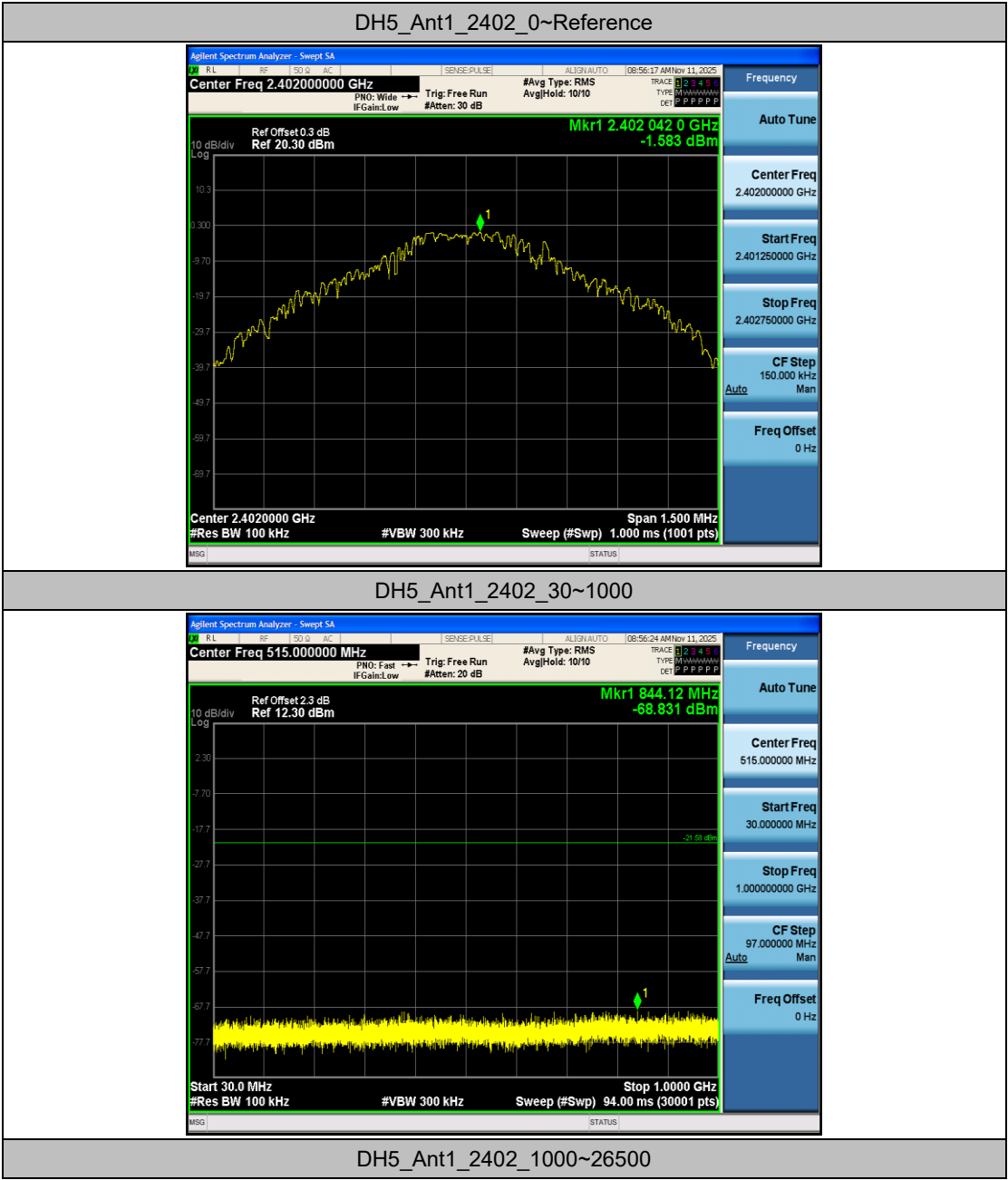


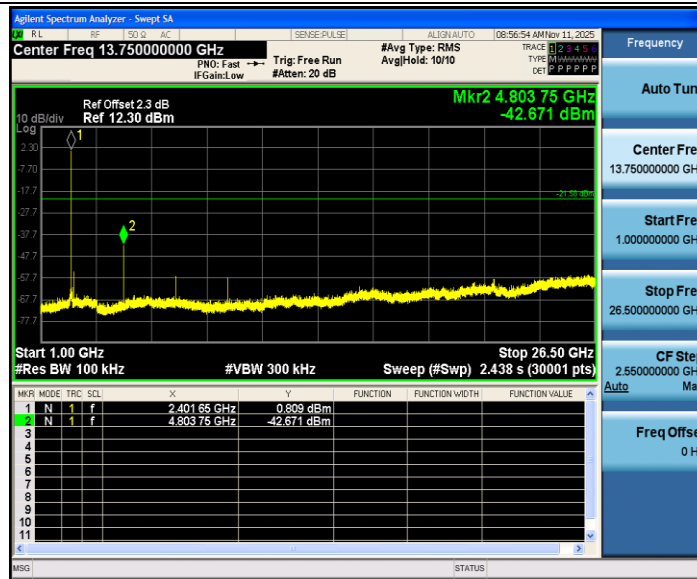
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-1.58	-1.58	---	PASS
			30~1000	-1.58	-68.83	≤-21.58	PASS
			1000~26500	-1.58	-42.67	≤-21.58	PASS
		2441	Reference	-1.38	-1.38	---	PASS
			30~1000	-1.38	-68.57	≤-21.38	PASS
			1000~26500	-1.38	-43	≤-21.38	PASS
		2480	Reference	-1.43	-1.43	---	PASS
			30~1000	-1.43	-67.59	≤-21.43	PASS
			1000~26500	-1.43	-44.65	≤-21.43	PASS
2DH5	Ant1	2402	Reference	-5.73	-5.73	---	PASS
			30~1000	-5.73	-67.63	≤-25.73	PASS
			1000~26500	-5.73	-47.66	≤-25.73	PASS
		2441	Reference	-5.98	-5.98	---	PASS
			30~1000	-5.98	-68.45	≤-25.98	PASS
			1000~26500	-5.98	-49.08	≤-25.98	PASS
		2480	Reference	-4.03	-4.03	---	PASS
			30~1000	-4.03	-68.42	≤-24.03	PASS
			1000~26500	-4.03	-50.27	≤-24.03	PASS
3DH5	Ant1	2402	Reference	-4.60	-4.60	---	PASS
			30~1000	-4.60	-68.07	≤-24.6	PASS
			1000~26500	-4.60	-48.95	≤-24.6	PASS
		2441	Reference	-5.83	-5.83	---	PASS
			30~1000	-5.83	-68.01	≤-25.83	PASS
			1000~26500	-5.83	-51.29	≤-25.83	PASS
		2480	Reference	-5.59	-5.59	---	PASS
			30~1000	-5.59	-67.89	≤-25.59	PASS
			1000~26500	-5.59	-51.29	≤-25.59	PASS

Test Graphs

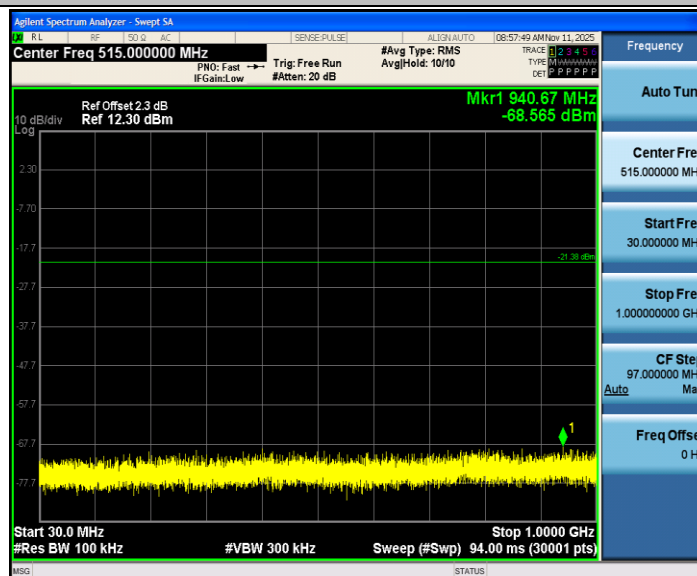




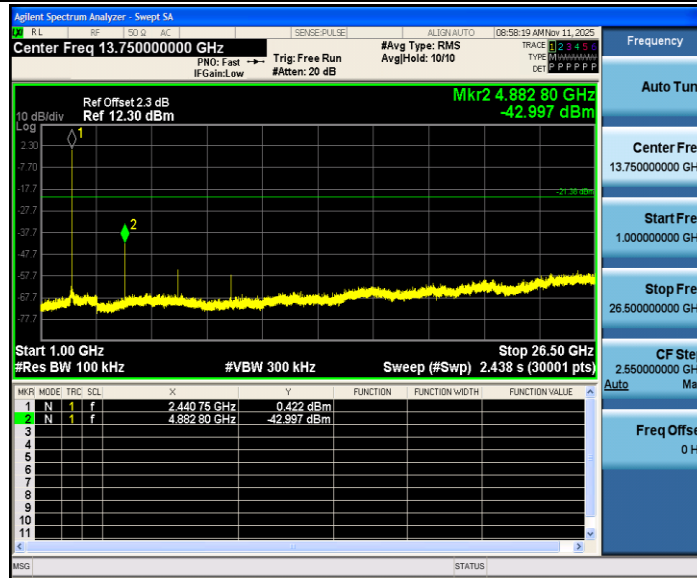
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



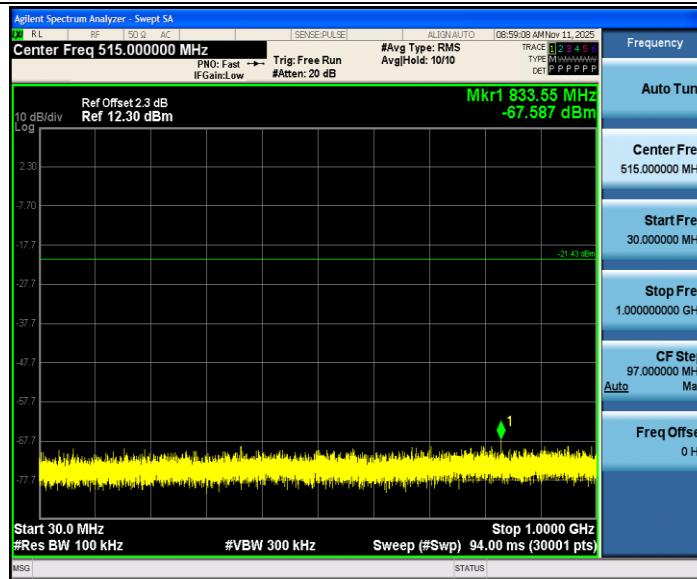
DH5_Ant1_2441_1000~26500



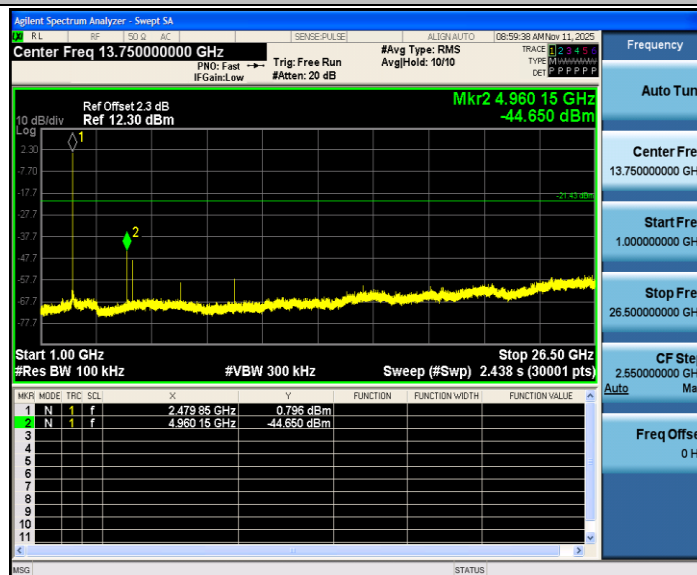
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000



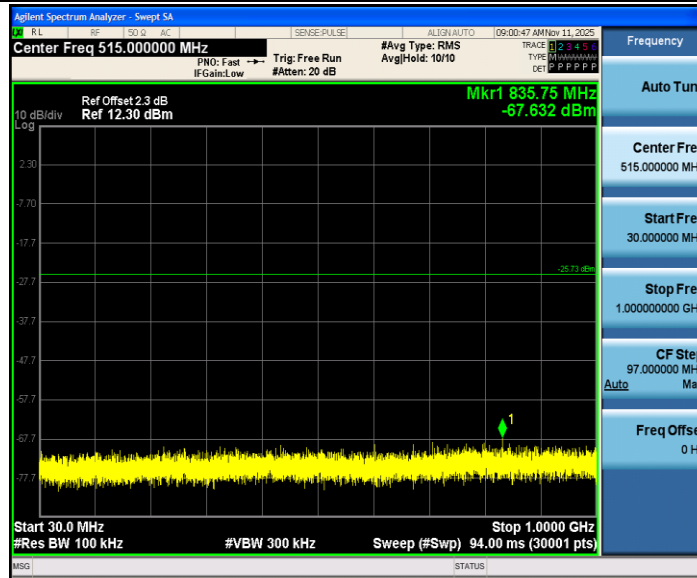
DH5_Ant1_2480_1000~26500



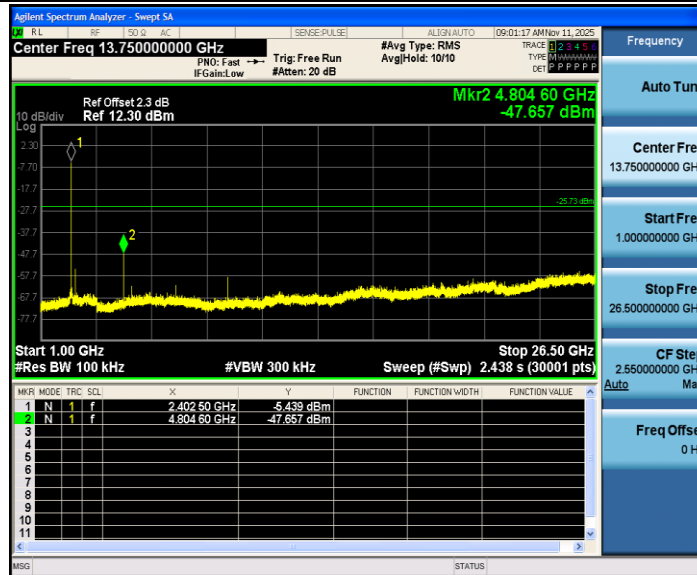
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference