

FCC Appendix RF Test Data for BT

FCC ID : 2A6PA-BRC-027

Company : Zhongshan City Cironbaby Co.,Ltd.

EUT : Baby Rocking Chair

Model Number : BRC-027

Report No. : CTA26060401801

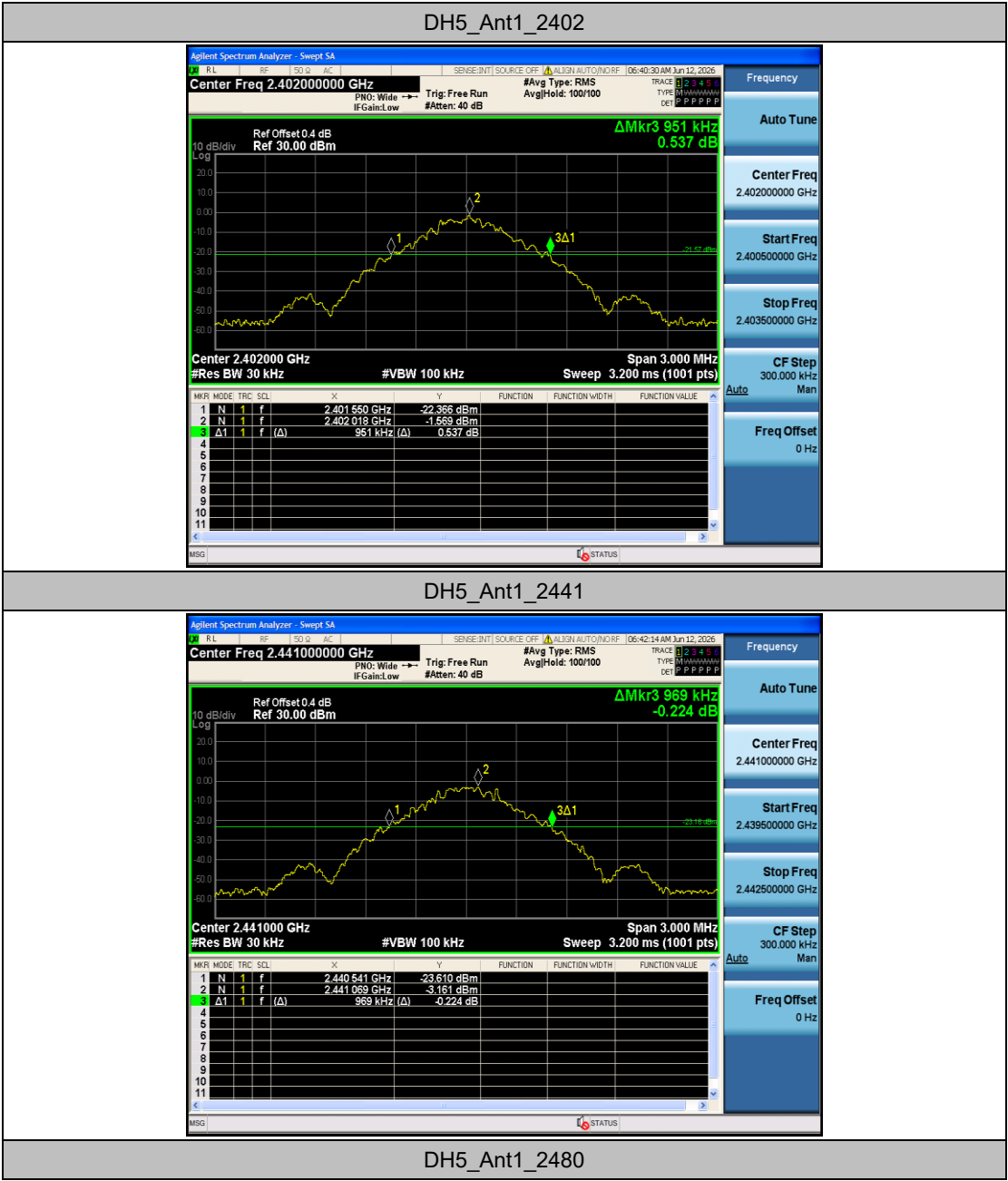
Reviewed By : Eric Wang

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.951	2401.550	2402.501	---	---
		2441	0.969	2440.541	2441.510	---	---
		2480	0.957	2479.547	2480.504	---	---
2DH5	Ant1	2402	1.287	2401.376	2402.663	---	---
		2441	1.284	2440.379	2441.663	---	---
		2480	1.284	2479.382	2480.666	---	---
3DH5	Ant1	2402	1.296	2401.364	2402.660	---	---
		2441	1.314	2440.358	2441.672	---	---
		2480	1.308	2479.364	2480.672	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

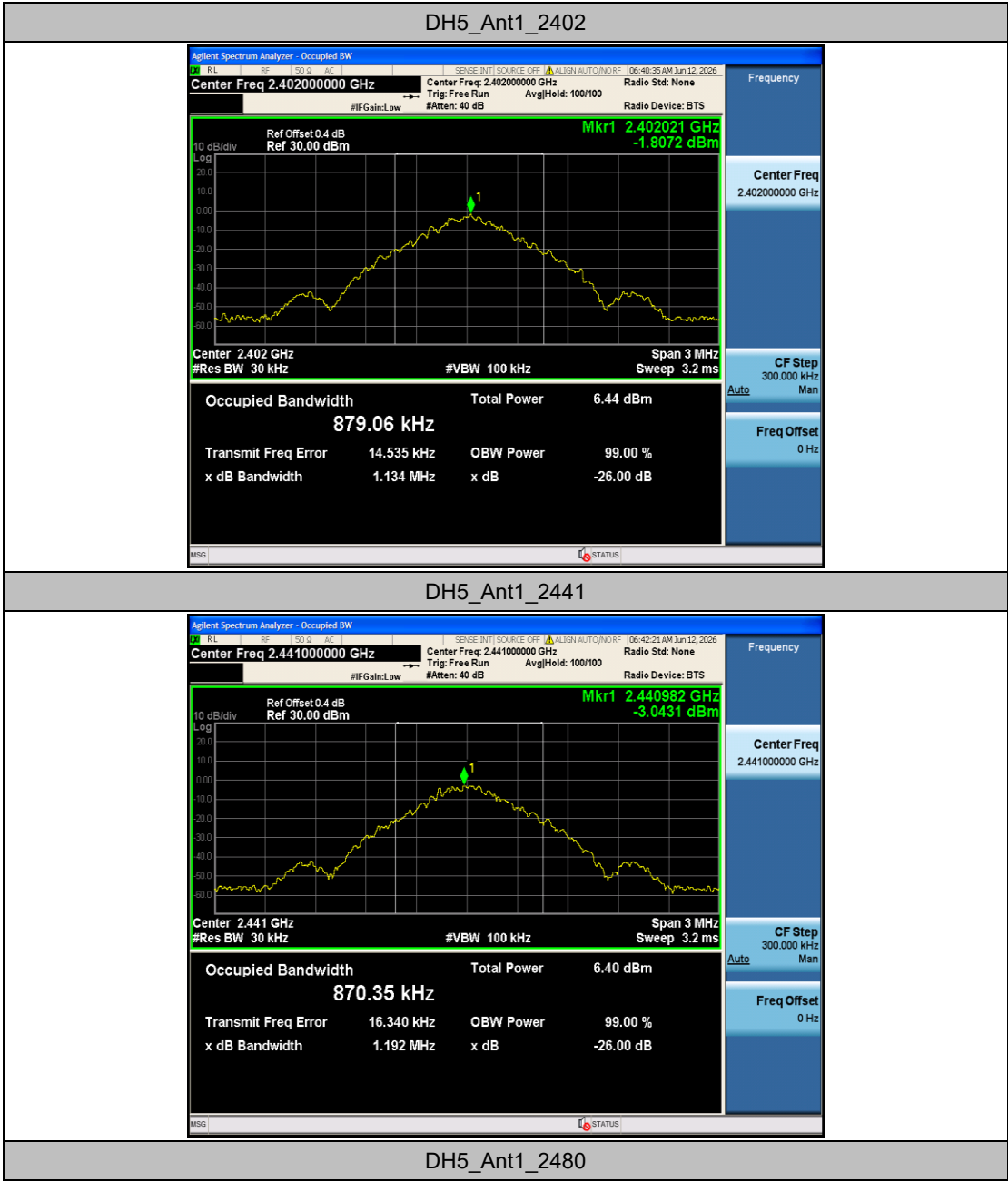


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87906	2401.5750	2402.4541	---	---
		2441	0.87035	2440.5812	2441.4515	---	---
		2480	0.87381	2479.5742	2480.4480	---	---
2DH5	Ant1	2402	1.1930	2401.4141	2402.6071	---	---
		2441	1.1838	2440.4194	2441.6032	---	---
		2480	1.1842	2479.4179	2480.6021	---	---
3DH5	Ant1	2402	1.1865	2401.4190	2402.6055	---	---
		2441	1.1845	2440.4214	2441.6059	---	---
		2480	1.1951	2479.4150	2480.6101	---	---

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

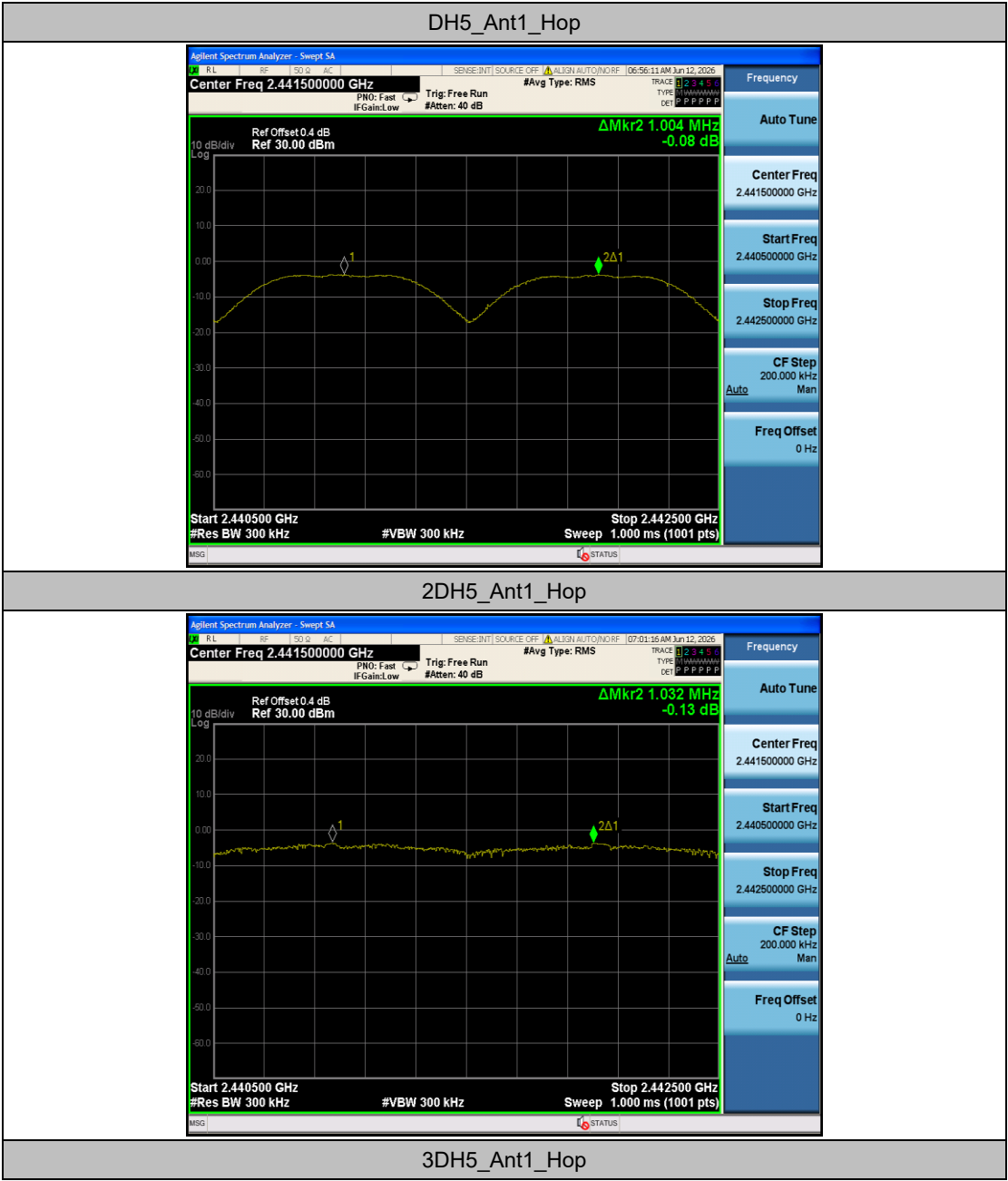
Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.14	≤20.97	PASS
		2441	-0.01	≤20.97	PASS
		2480	-0.22	≤20.97	PASS
2DH5	Ant1	2402	-0.74	≤20.97	PASS
		2441	-0.86	≤20.97	PASS
		2480	-1.06	≤20.97	PASS
3DH5	Ant1	2402	-0.39	≤20.97	PASS
		2441	-0.45	≤20.97	PASS
		2480	-0.57	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.004	≥ 0.969	PASS
2DH5	Ant1	Hop	1.032	≥ 0.858	PASS
3DH5	Ant1	Hop	1.016	≥ 0.876	PASS

Test Graphs



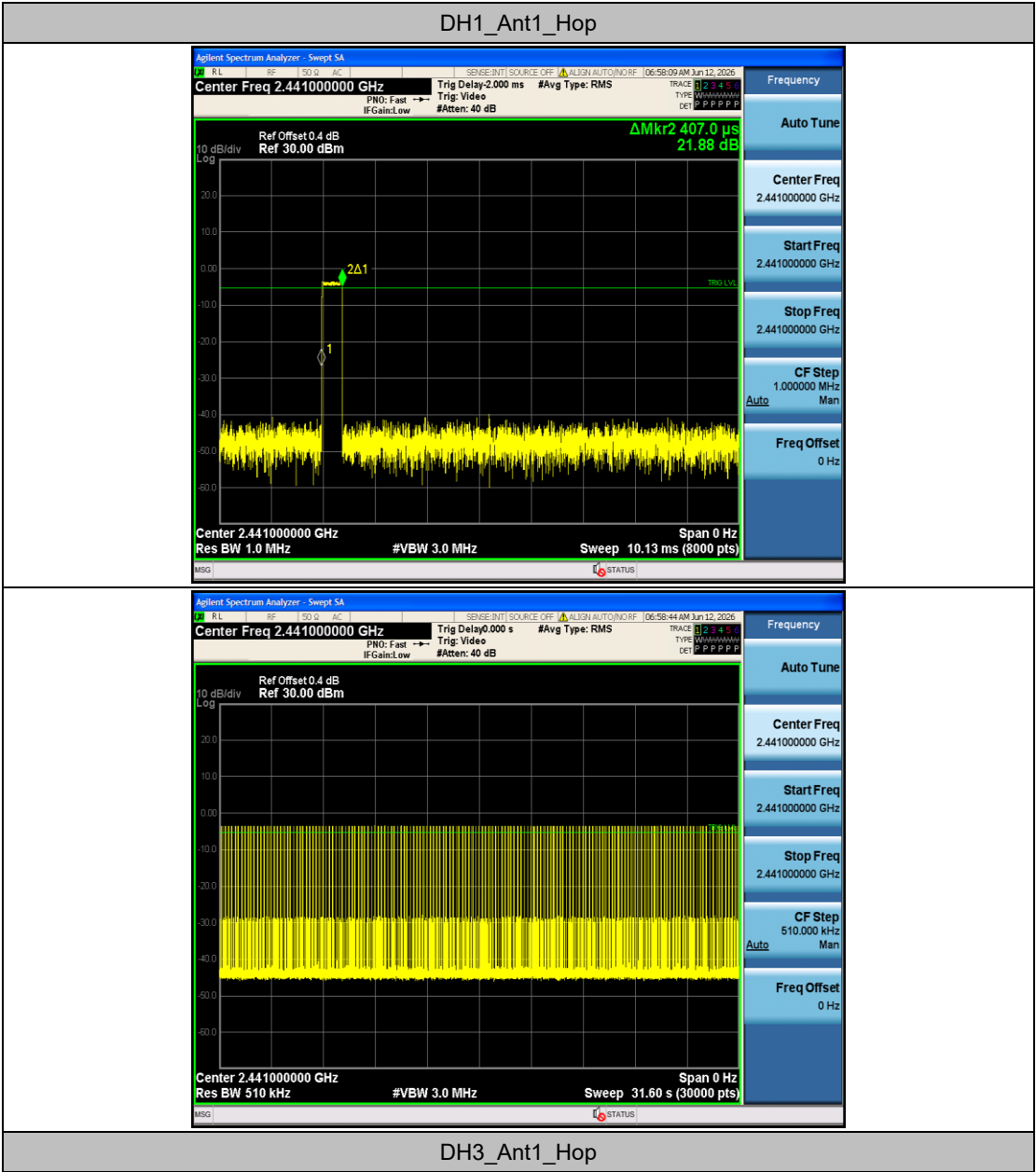


Appendix E: Time of occupancy

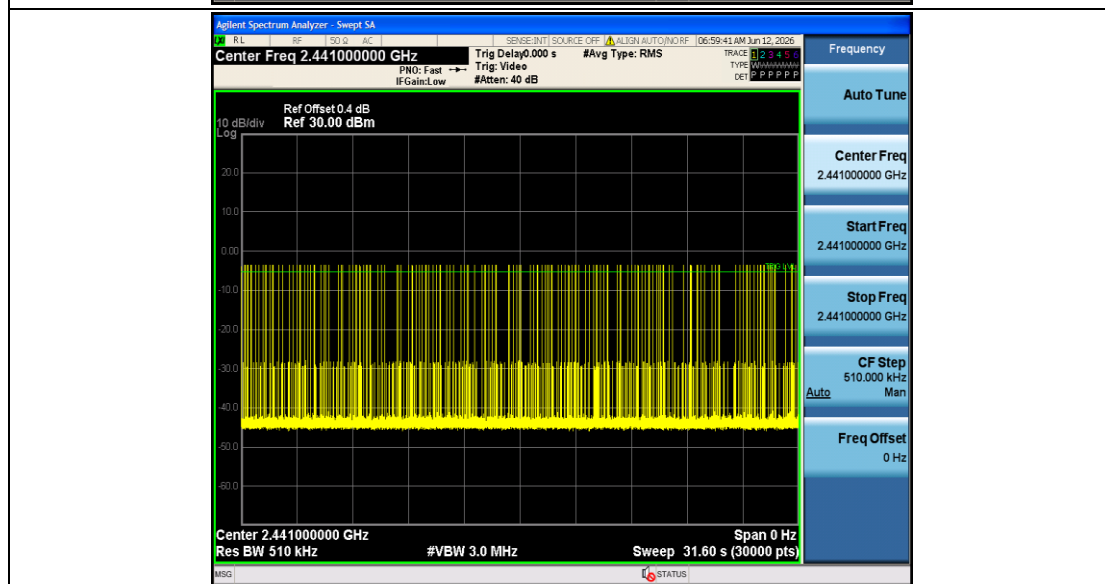
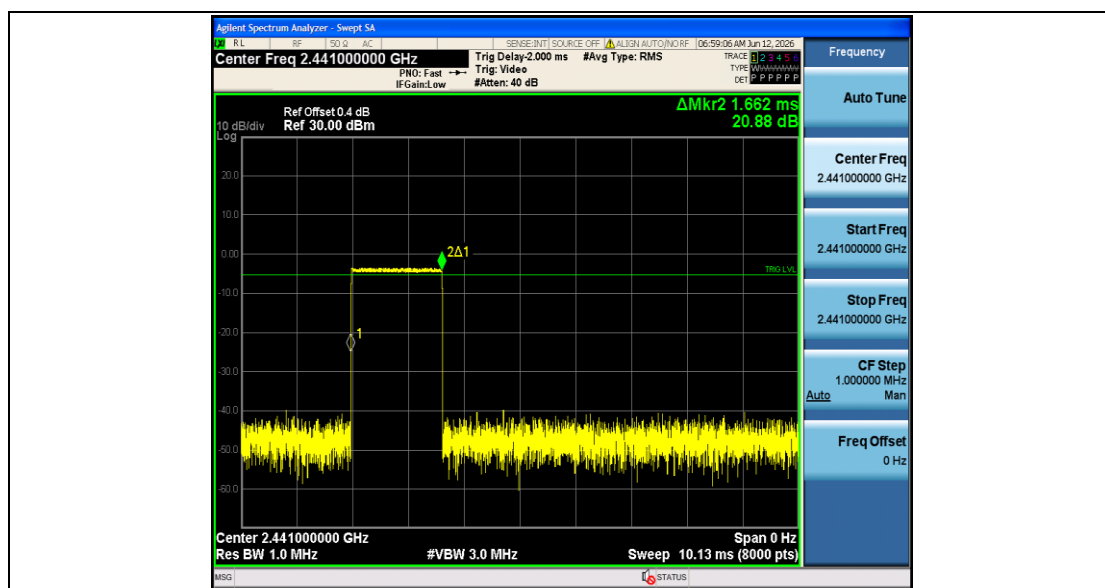
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.407	314	0.128	≤0.4	PASS
DH3	Ant1	Hop	1.662	164	0.273	≤0.4	PASS
DH5	Ant1	Hop	2.910	123	0.358	≤0.4	PASS
2DH1	Ant1	Hop	0.415	314	0.13	≤0.4	PASS
2DH3	Ant1	Hop	1.667	155	0.258	≤0.4	PASS
2DH5	Ant1	Hop	2.916	108	0.315	≤0.4	PASS
3DH1	Ant1	Hop	0.417	316	0.132	≤0.4	PASS
3DH3	Ant1	Hop	1.666	161	0.268	≤0.4	PASS
3DH5	Ant1	Hop	2.917	108	0.315	≤0.4	PASS

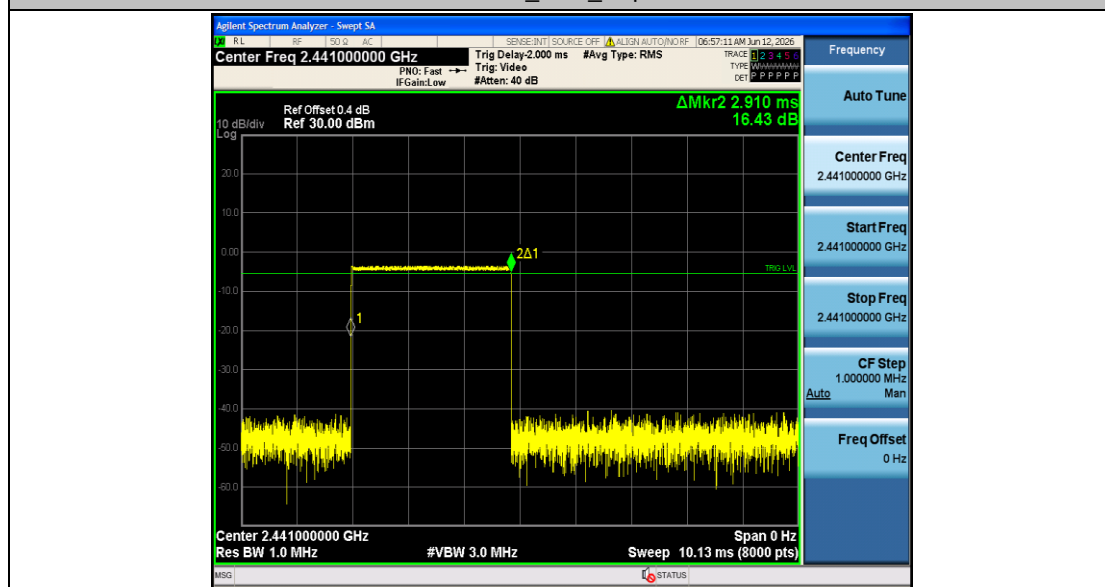
Test Graphs

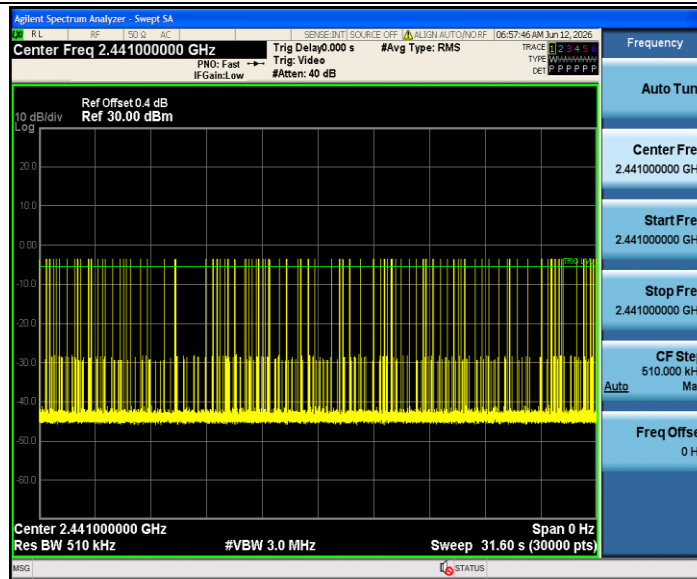


DH3_Ant1_Hop

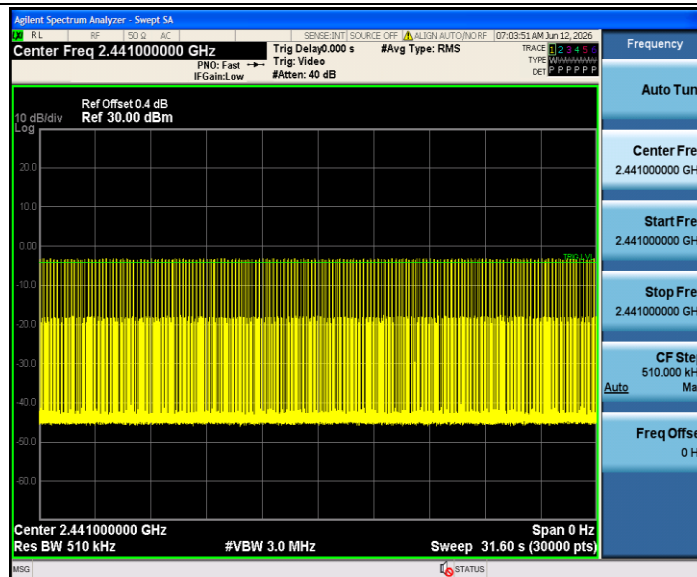
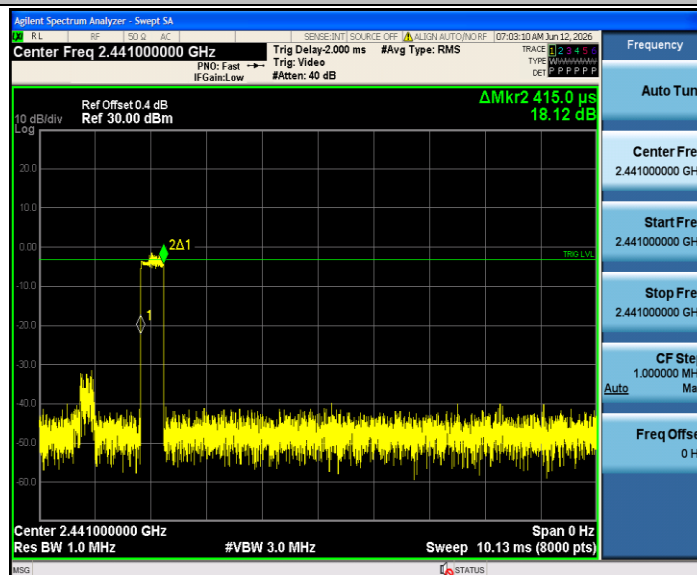


DH5_Ant1_Hop

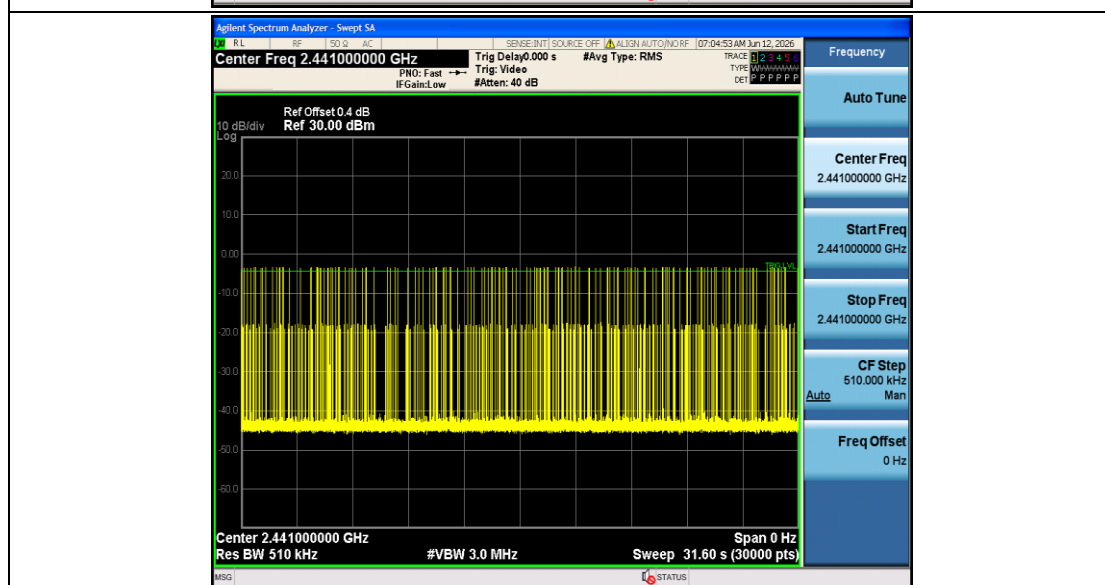
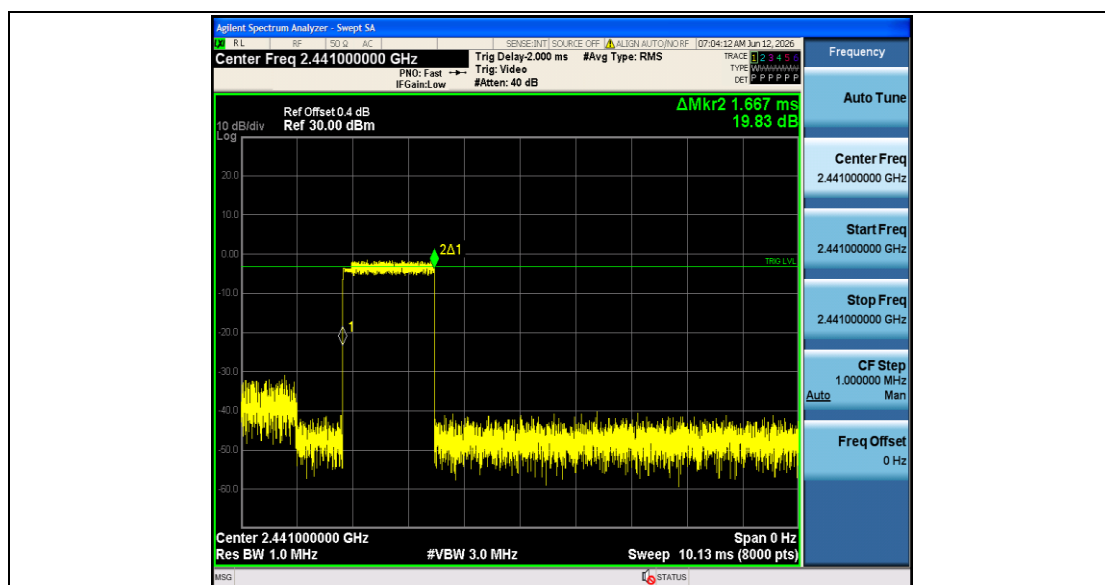




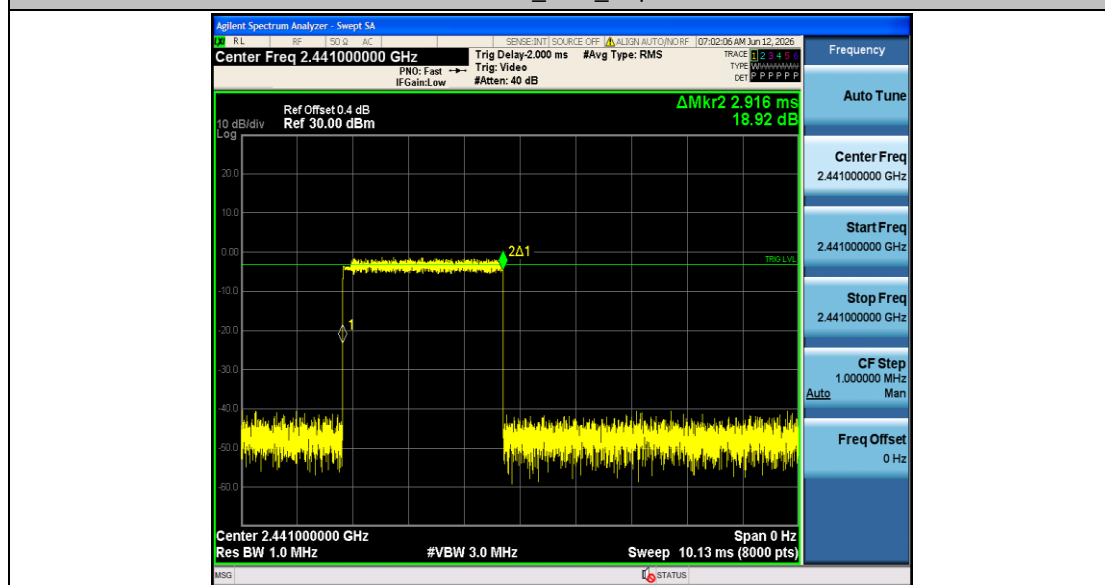
2DH1_Ant1_Hop

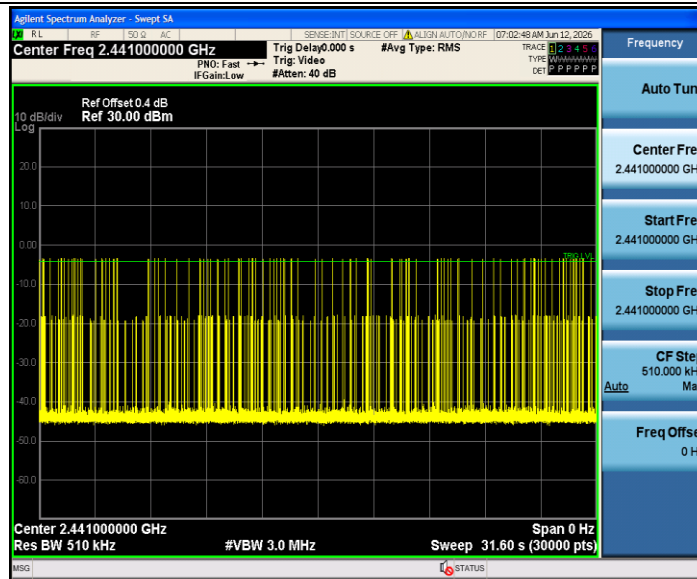


2DH3_Ant1_Hop

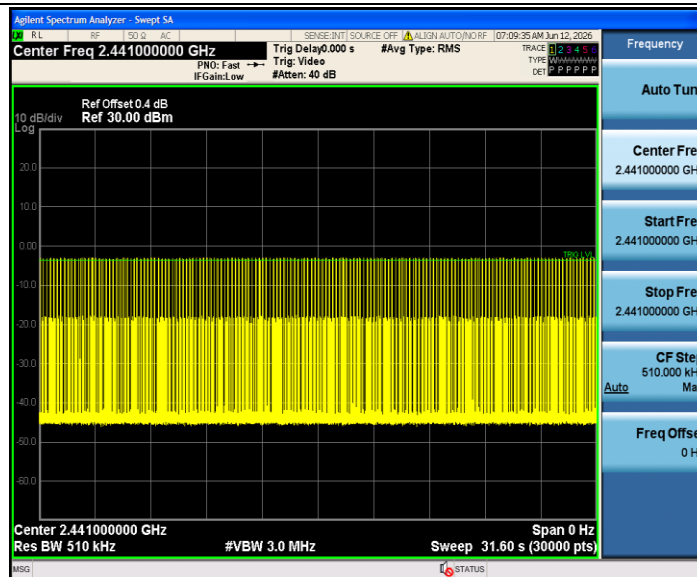
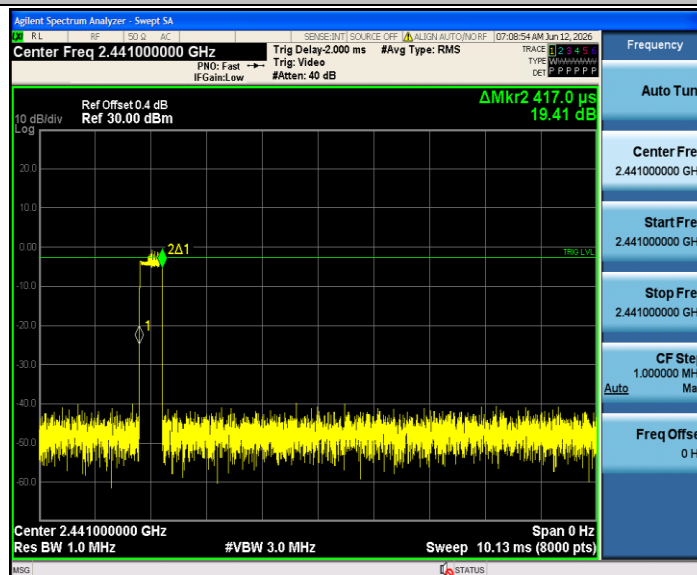


2DH5_Ant1_Hop

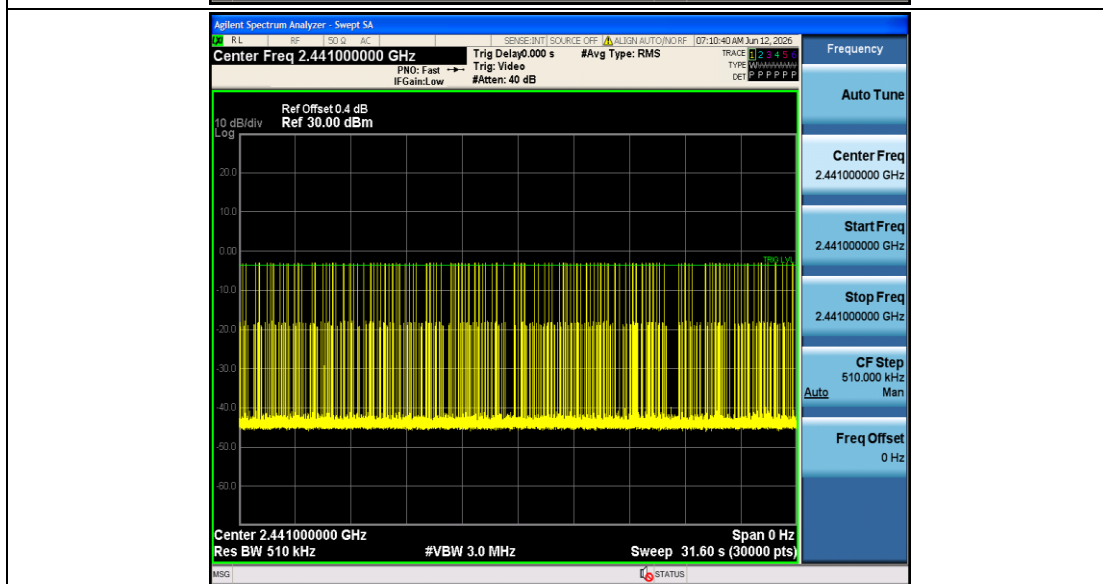
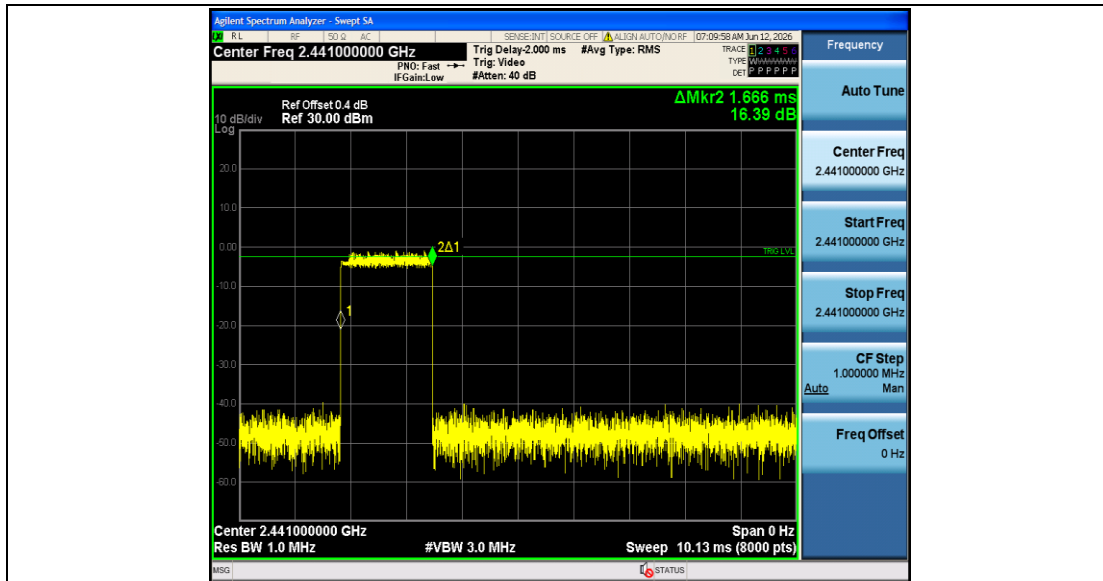




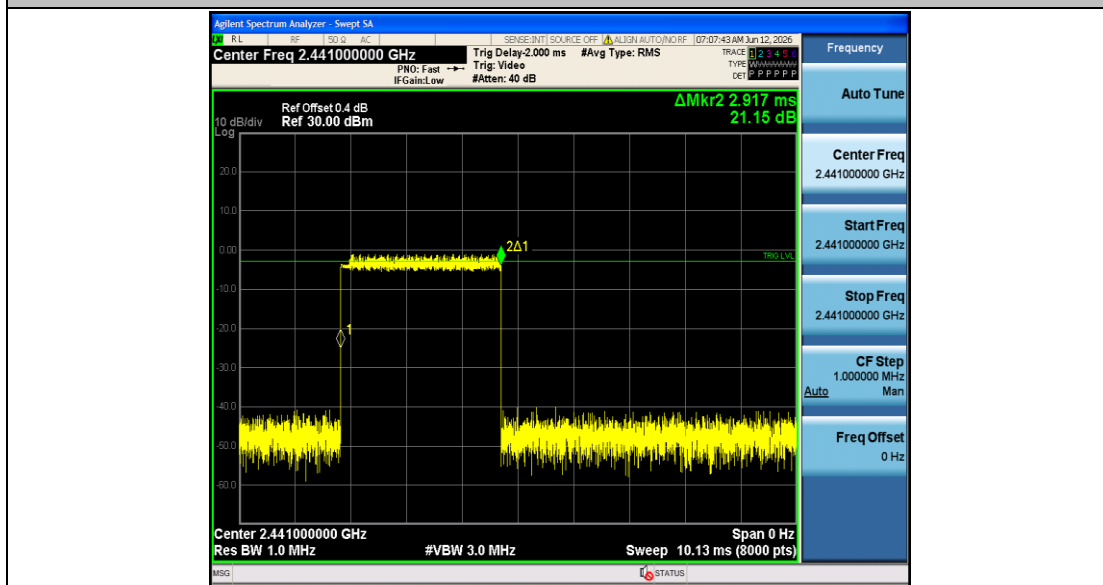
3DH1_Ant1_Hop

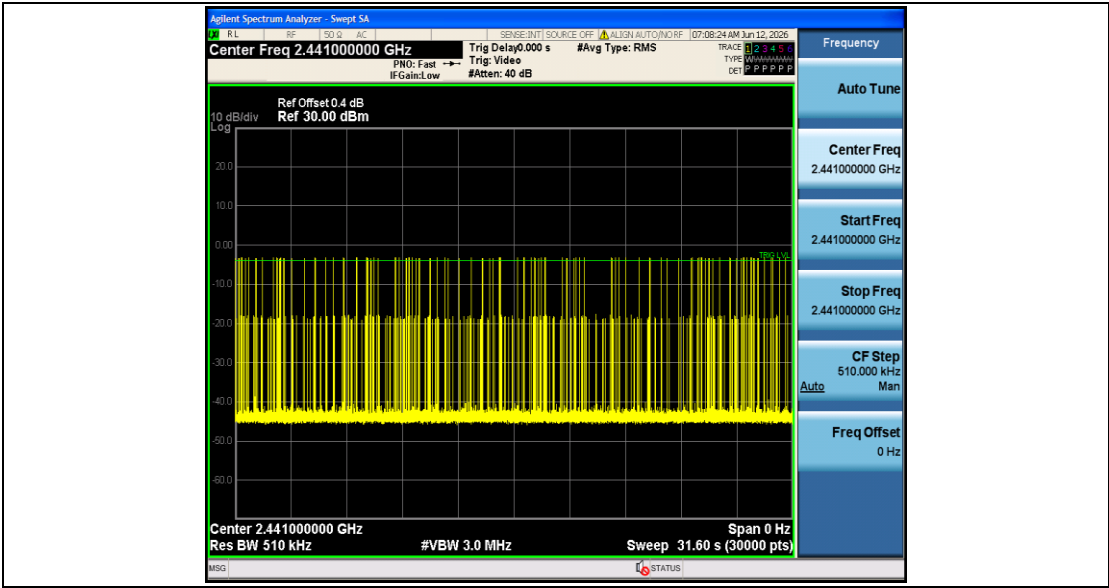


3DH3_Ant1_Hop



3DH5_Ant1_Hop



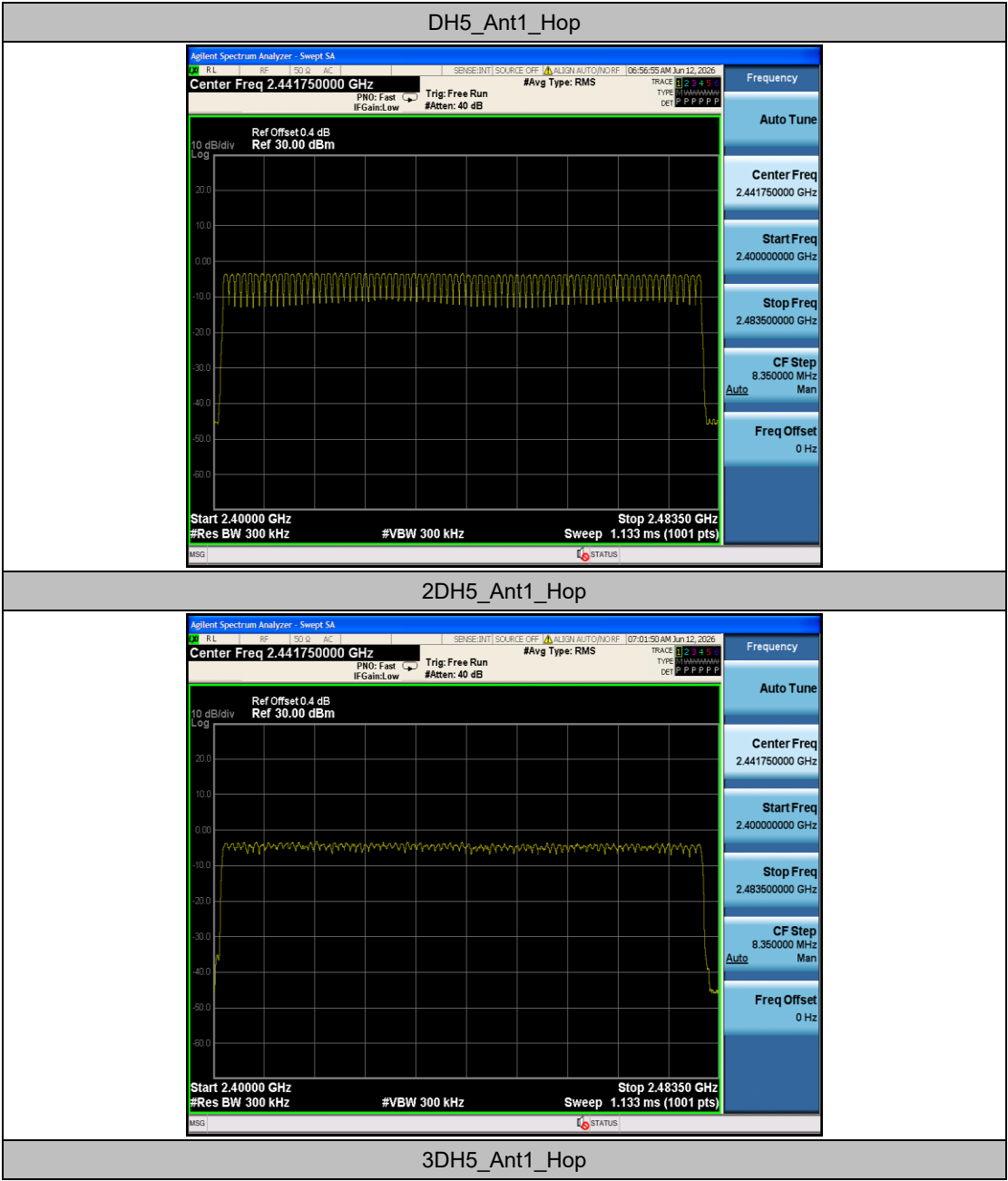


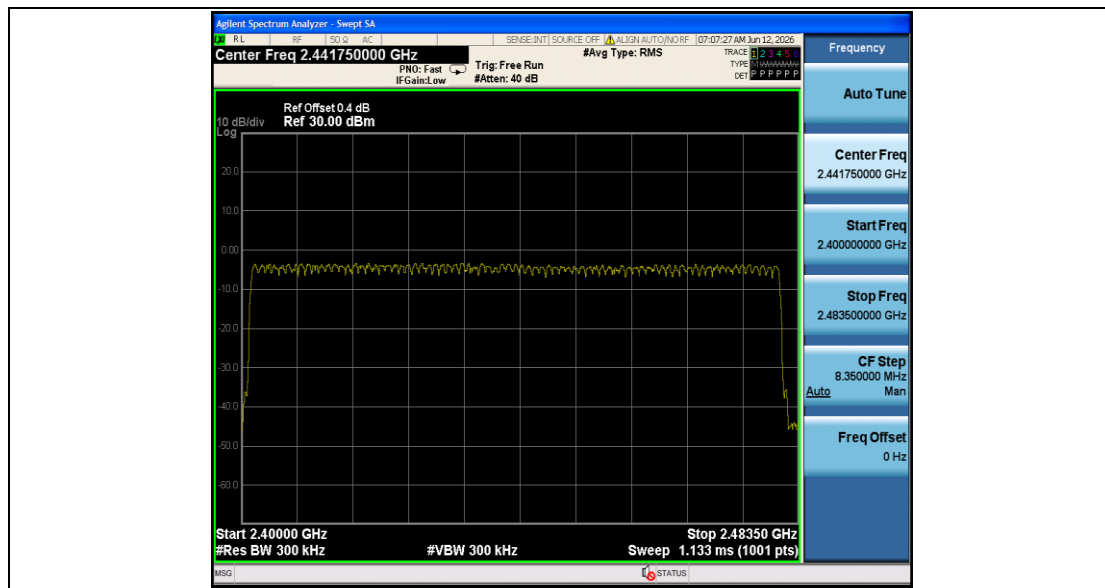
Appendix F: Number of hopping channels

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



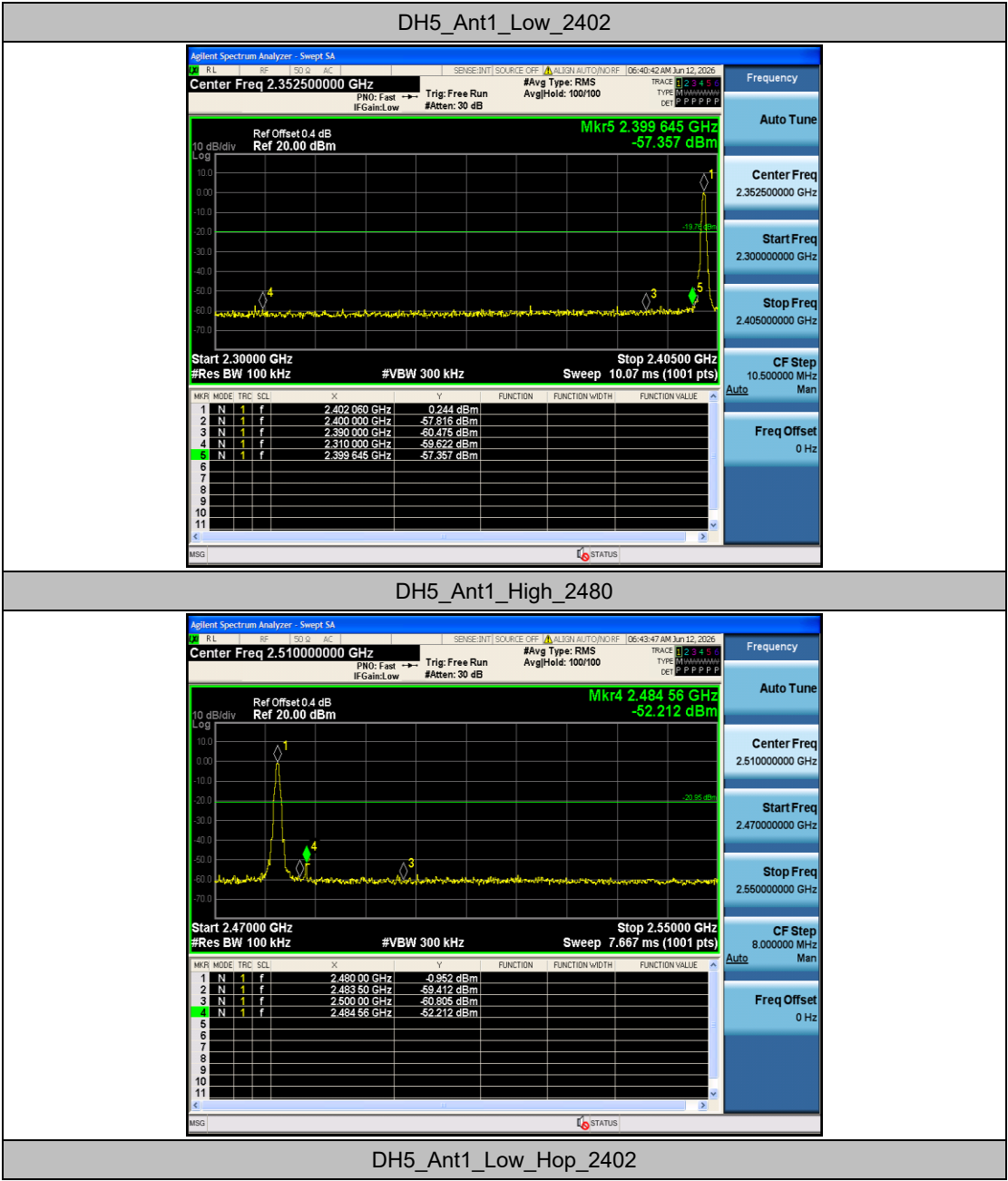


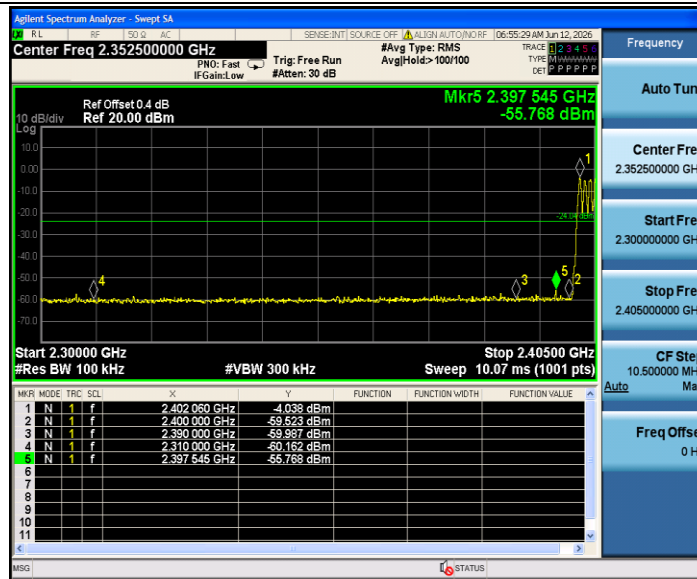
Appendix G: Band edge measurements

Test Result

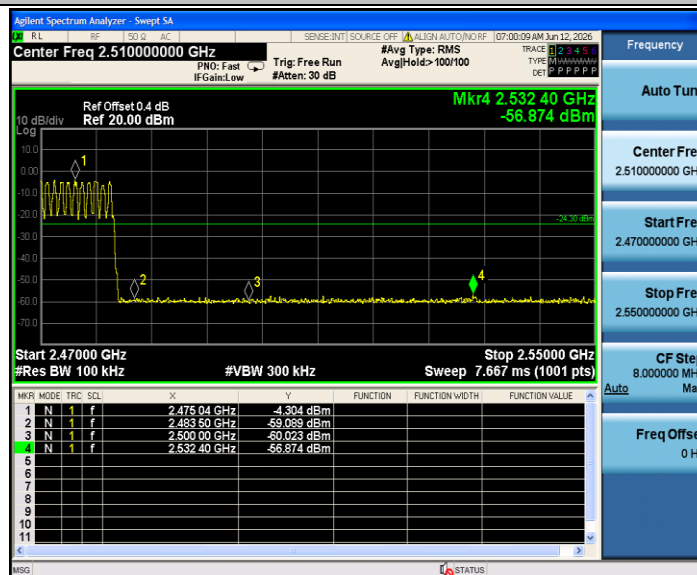
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.24	-57.36	≤ -19.76	PASS
		High	2480	-0.95	-52.21	≤ -20.95	PASS
		Low	Hop_2402	-4.04	-55.77	≤ -24.04	PASS
		High	Hop_2480	-4.30	-56.87	≤ -24.3	PASS
2DH5	Ant1	Low	2402	-4.50	-58.18	≤ -24.5	PASS
		High	2480	-4.58	-58.34	≤ -24.58	PASS
		Low	Hop_2402	-4.63	-58.09	≤ -24.63	PASS
		High	Hop_2480	-4.38	-52.08	≤ -24.38	PASS
3DH5	Ant1	Low	2402	-3.52	-55.54	≤ -23.52	PASS
		High	2480	-4.46	-57.71	≤ -24.46	PASS
		Low	Hop_2402	-5.42	-57.51	≤ -25.42	PASS
		High	Hop_2480	-4.15	-51.68	≤ -24.15	PASS

Test Graphs

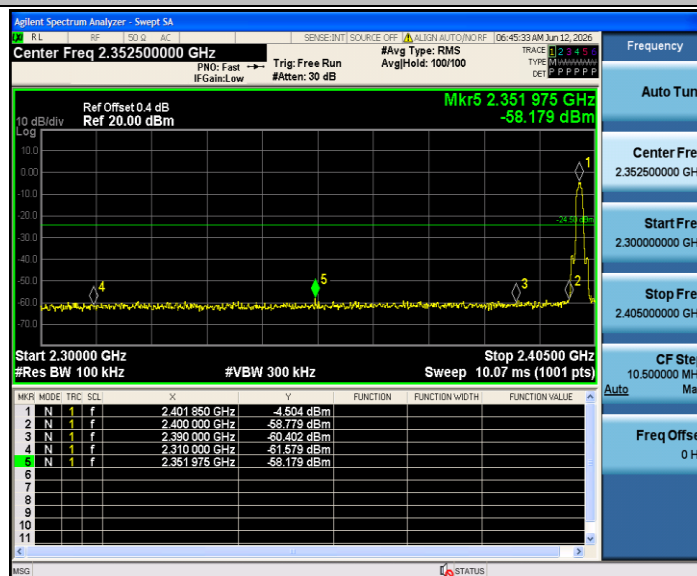




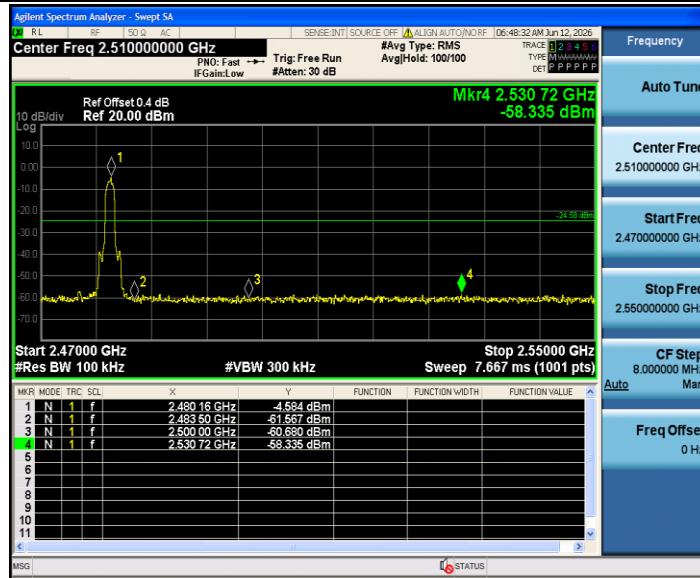
DH5_Ant1_High_Hop_2480



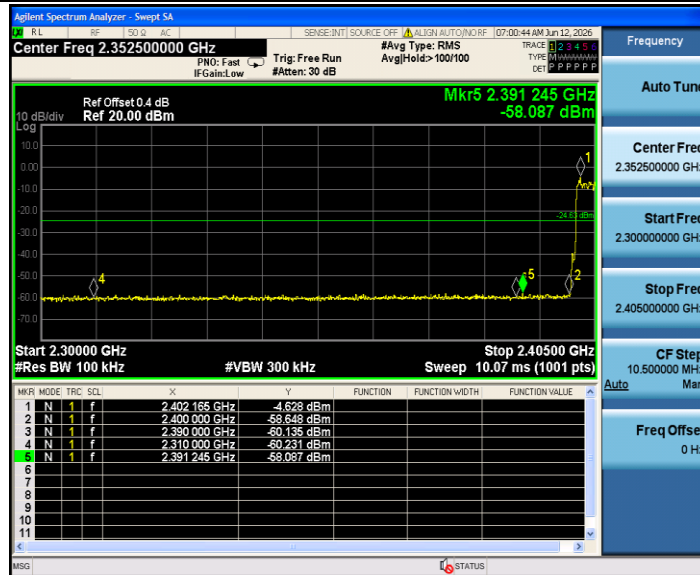
2DH5_Ant1_Low_2402



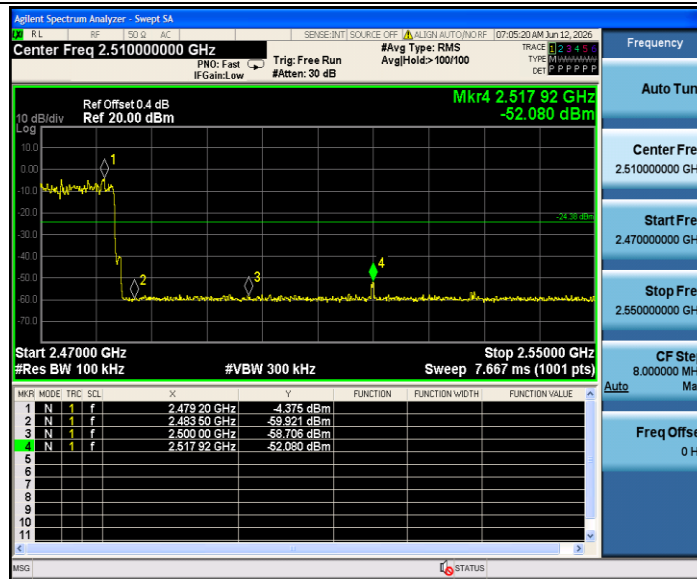
2DH5_Ant1_High_2480



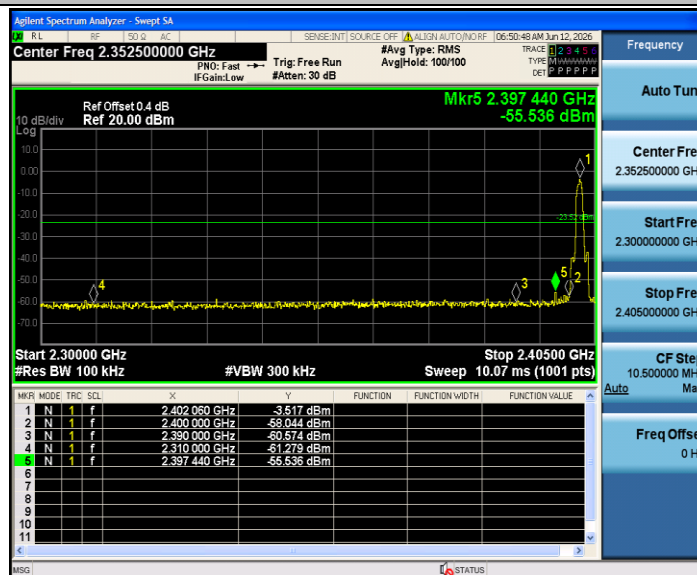
2DH5_Ant1_Low_Hop_2402



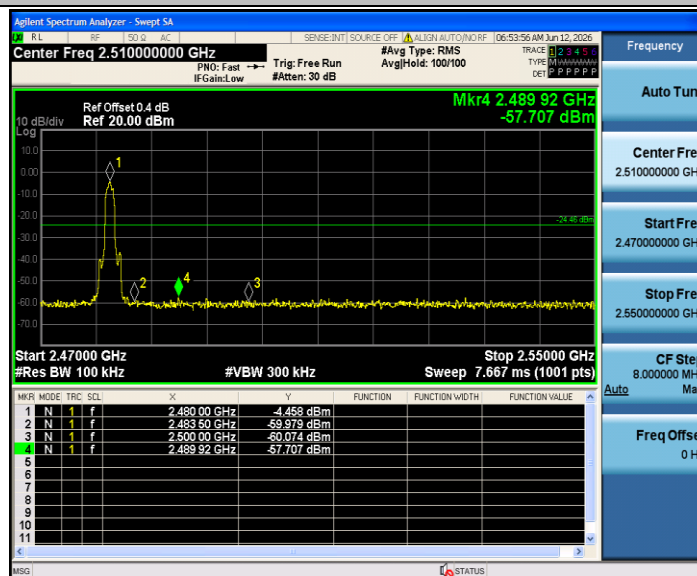
2DH5_Ant1_High_Hop_2480



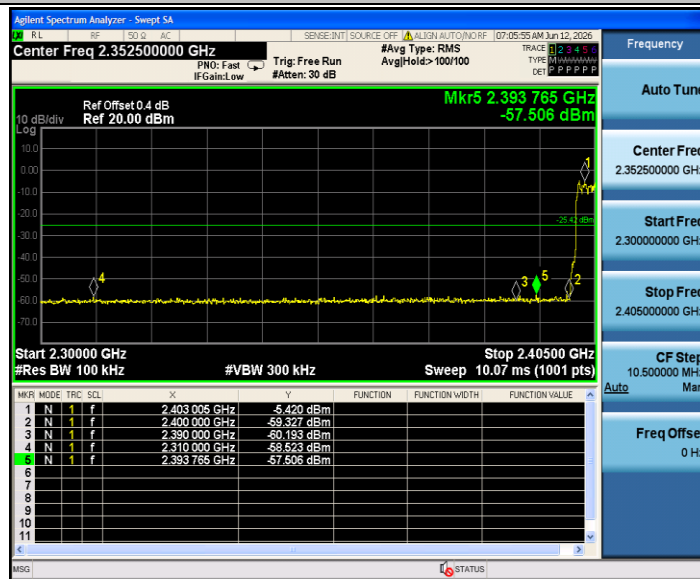
3DH5_Ant1_Low_2402



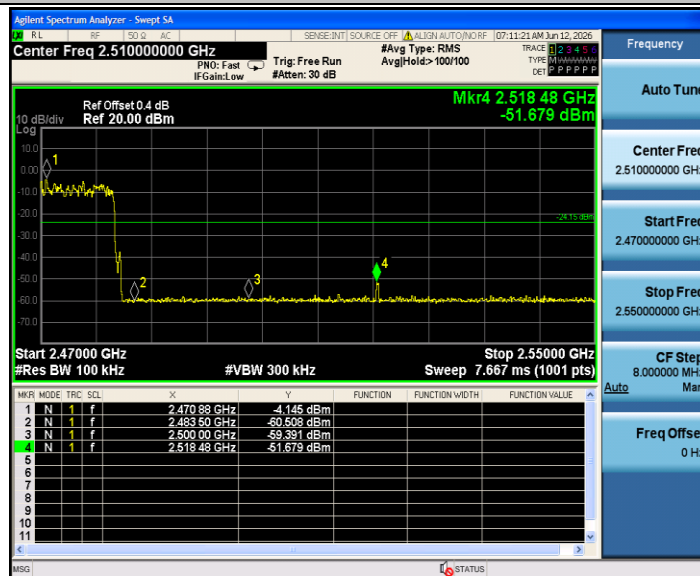
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

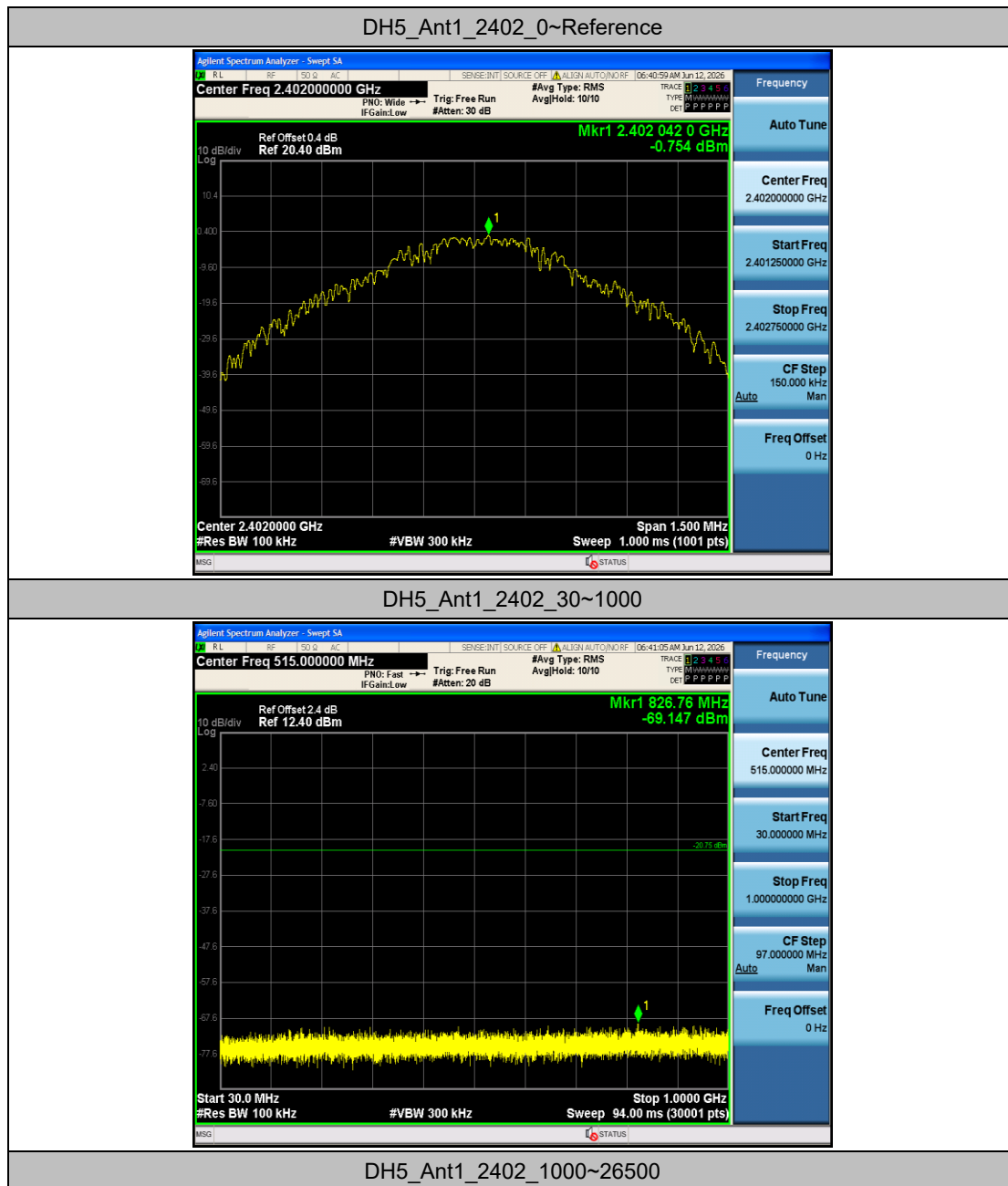


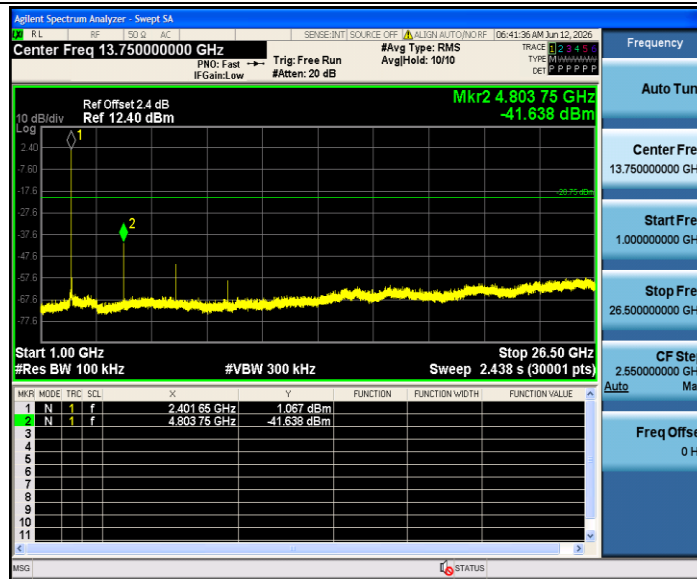
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.75	-0.75	---	PASS
			30~1000	-0.75	-69.15	≤-20.75	PASS
			1000~26500	-0.75	-41.64	≤-20.75	PASS
		2441	Reference	-0.85	-0.85	---	PASS
			30~1000	-0.85	-69.24	≤-20.85	PASS
			1000~26500	-0.85	-42.76	≤-20.85	PASS
		2480	Reference	-1.45	-1.45	---	PASS
			30~1000	-1.45	-68.25	≤-21.45	PASS
			1000~26500	-1.45	-41.53	≤-21.45	PASS
2DH5	Ant1	2402	Reference	-5.21	-5.21	---	PASS
			30~1000	-5.21	-68.81	≤-25.21	PASS
			1000~26500	-5.21	-46	≤-25.21	PASS
		2441	Reference	-5.76	-5.76	---	PASS
			30~1000	-5.76	-68.21	≤-25.76	PASS
			1000~26500	-5.76	-49.2	≤-25.76	PASS
		2480	Reference	-6.96	-6.96	---	PASS
			30~1000	-6.96	-69.12	≤-26.96	PASS
			1000~26500	-6.96	-49.6	≤-26.96	PASS
3DH5	Ant1	2402	Reference	-3.70	-3.70	---	PASS
			30~1000	-3.70	-69.07	≤-23.7	PASS
			1000~26500	-3.70	-42.75	≤-23.7	PASS
		2441	Reference	-4.89	-4.89	---	PASS
			30~1000	-4.89	-68.5	≤-24.89	PASS
			1000~26500	-4.89	-48.5	≤-24.89	PASS
		2480	Reference	-6.27	-6.27	---	PASS
			30~1000	-6.27	-68.96	≤-26.27	PASS
			1000~26500	-6.27	-49.31	≤-26.27	PASS

Test Graphs

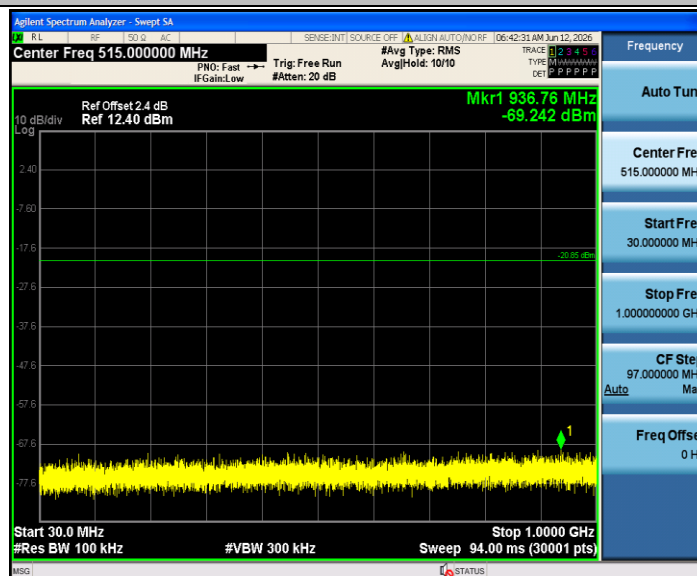




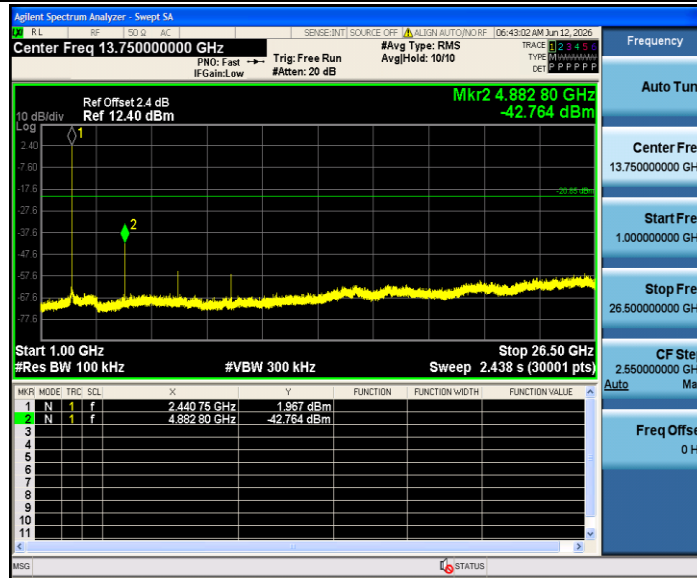
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



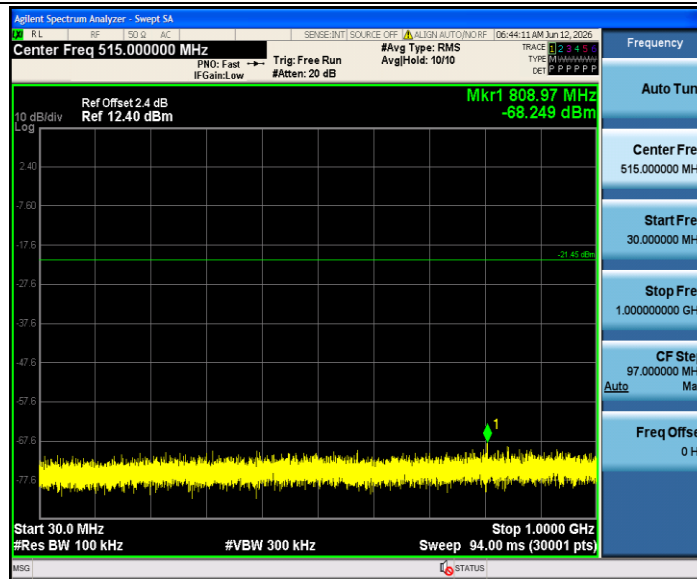
DH5_Ant1_2441_1000~26500



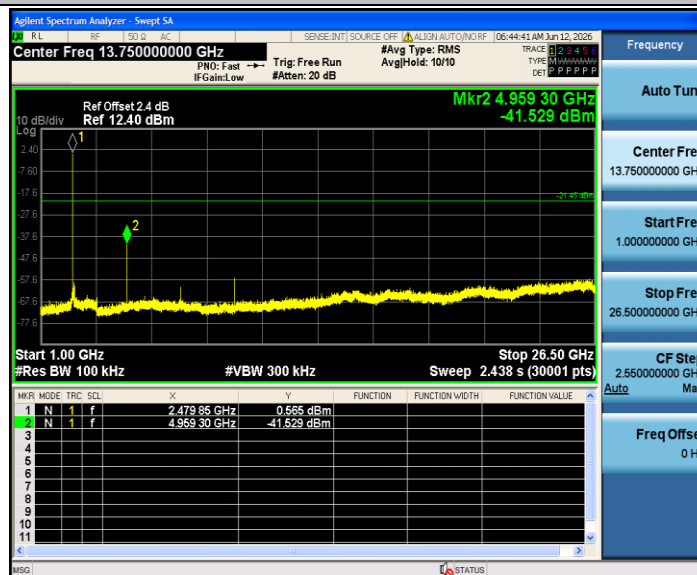
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500



2DH5_Ant1_2402_0~Reference

