

FCC Appendix RF Test Data for BT

FCC ID : 2BV48-F11

Company : Shenzhen Huayue Zhijie Technology Co., Ltd.

EUT : Tablet PC

Model Number : F11

Report No. : CTA26041601302

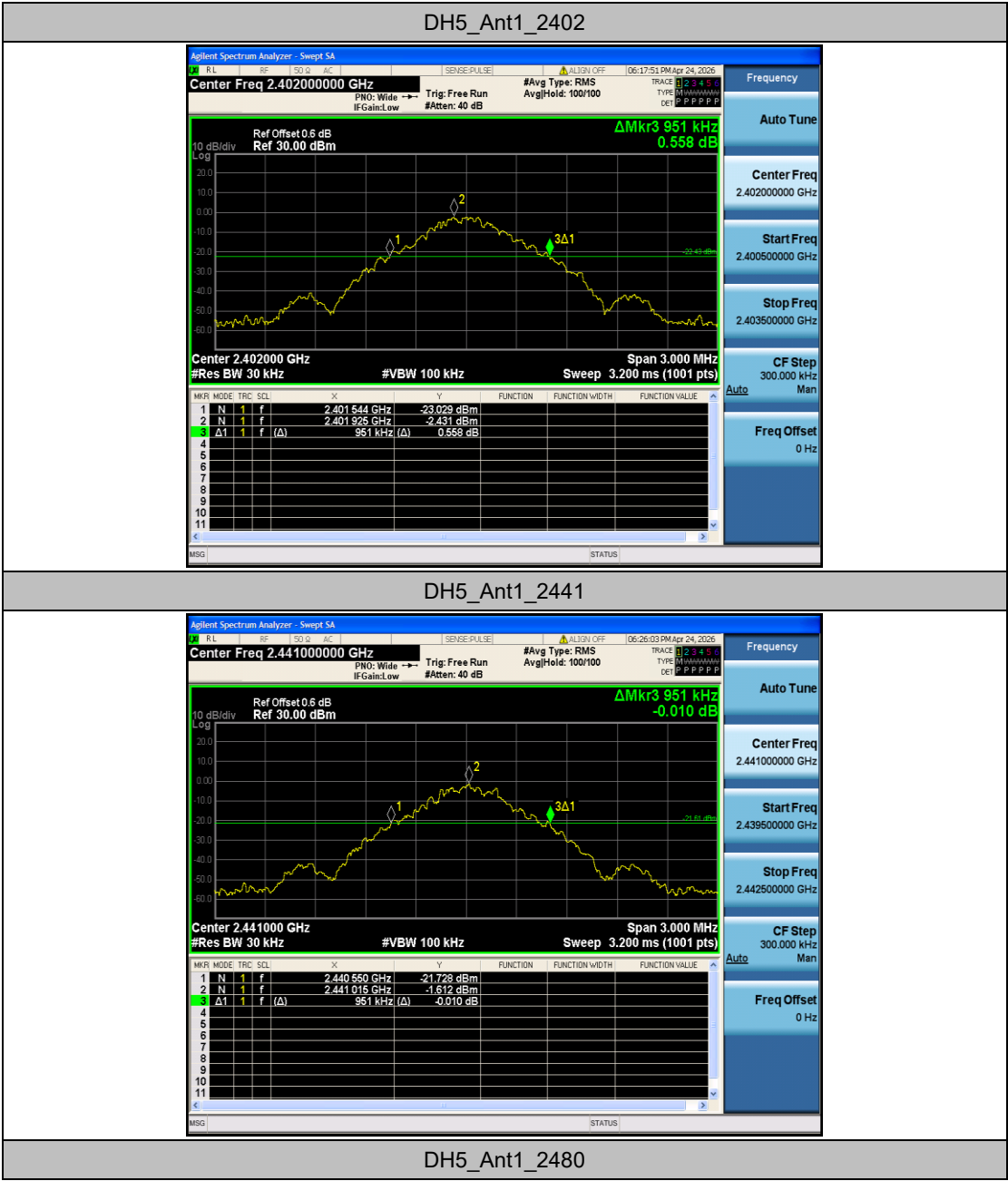
Reviewed By : Eric Wang

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	2401.544	2402.495	---	---
		2441	0.951	2440.550	2441.501	---	---
		2480	0.933	2479.547	2480.480	---	---
2DH5	Ant1	2402	1.347	2401.337	2402.684	---	---
		2441	1.287	2440.376	2441.663	---	---
		2480	1.323	2479.349	2480.672	---	---
3DH5	Ant1	2402	1.308	2401.361	2402.669	---	---
		2441	1.302	2440.361	2441.663	---	---
		2480	1.293	2479.367	2480.660	---	---

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

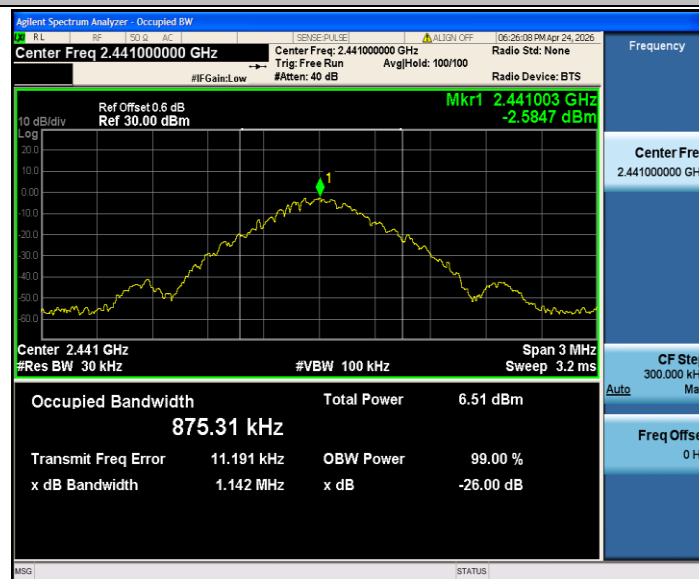
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85569	2401.5809	2402.4366	---	---
		2441	0.87531	2440.5735	2441.4488	---	---
		2480	0.86017	2479.5793	2480.4395	---	---
2DH5	Ant1	2402	1.1992	2401.4113	2402.6105	---	---
		2441	1.1843	2440.4186	2441.6029	---	---
		2480	1.1837	2479.4189	2480.6026	---	---
3DH5	Ant1	2402	1.1875	2401.4207	2402.6082	---	---
		2441	1.1901	2440.4189	2441.6090	---	---
		2480	1.1866	2479.4191	2480.6057	---	---

Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



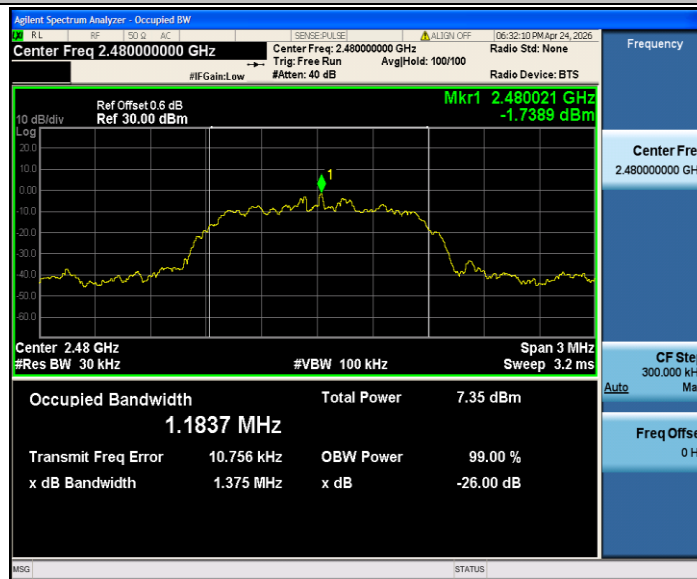
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



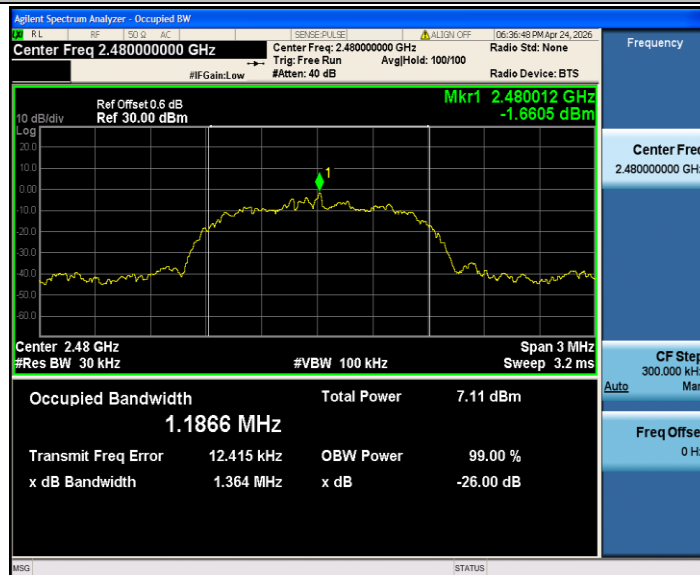
3DH5_Ant1_2402



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	0.49	≤20.97	PASS
		2441	0.24	≤20.97	PASS
		2480	0.27	≤20.97	PASS
2DH5	Ant1	2402	1.16	≤20.97	PASS
		2441	1.84	≤20.97	PASS
		2480	1.88	≤20.97	PASS
3DH5	Ant1	2402	1.58	≤20.97	PASS
		2441	1.27	≤20.97	PASS
		2480	1.28	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.996	≥ 0.951	PASS
2DH5	Ant1	Hop	0.992	≥ 0.898	PASS
3DH5	Ant1	Hop	1.008	≥ 0.872	PASS

Test Graphs



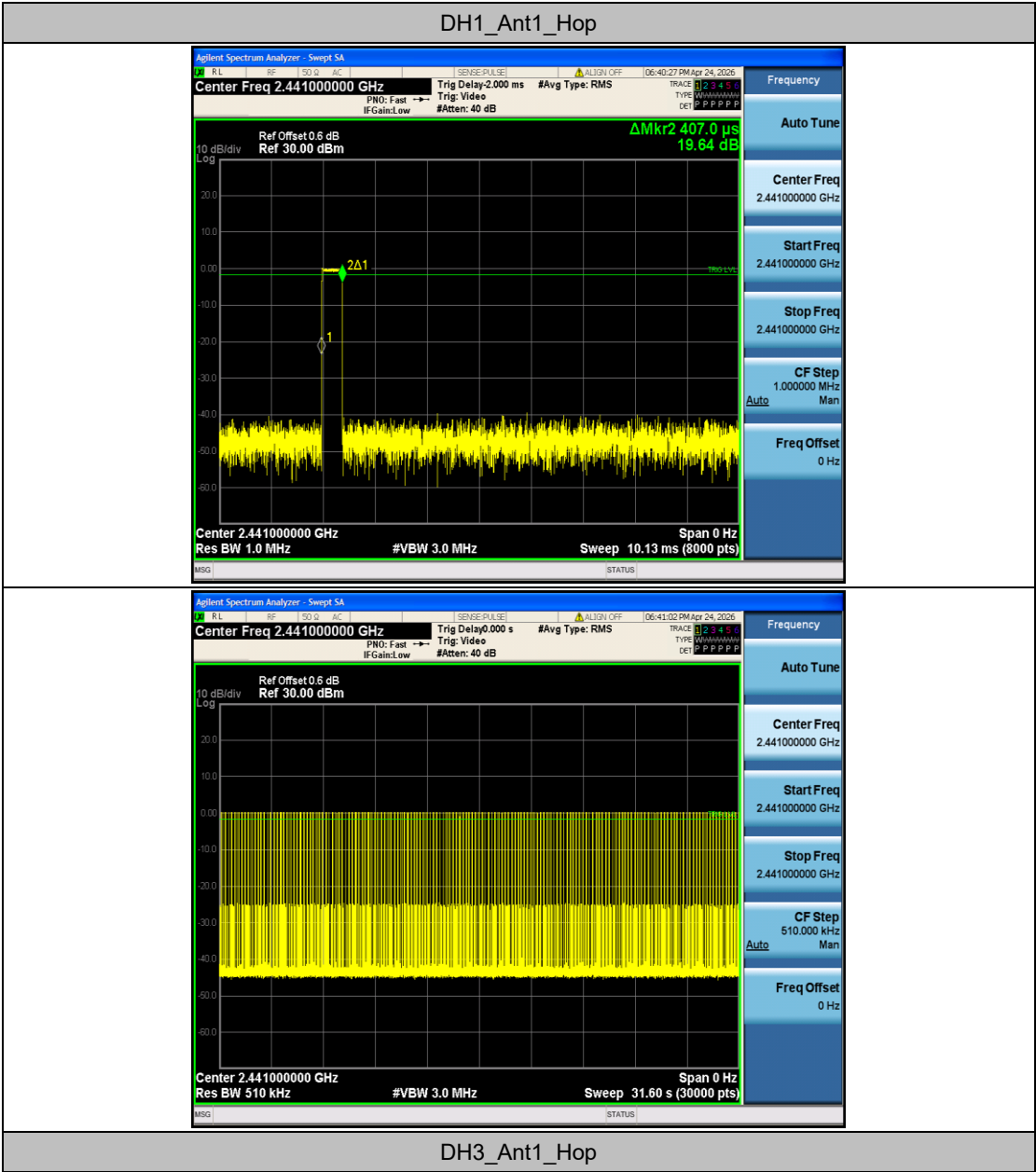


Appendix E: Time of occupancy

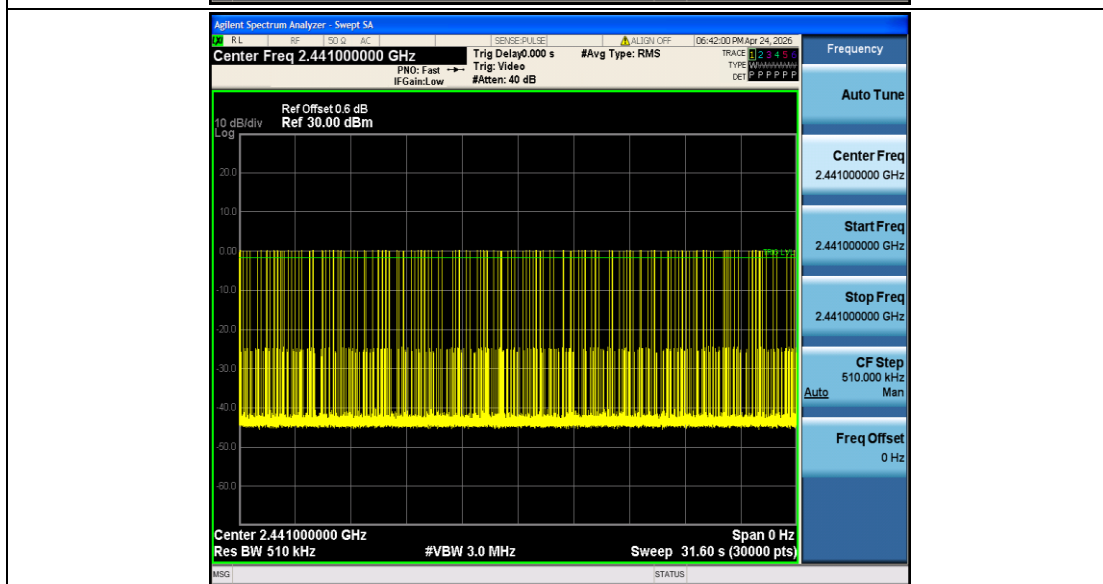
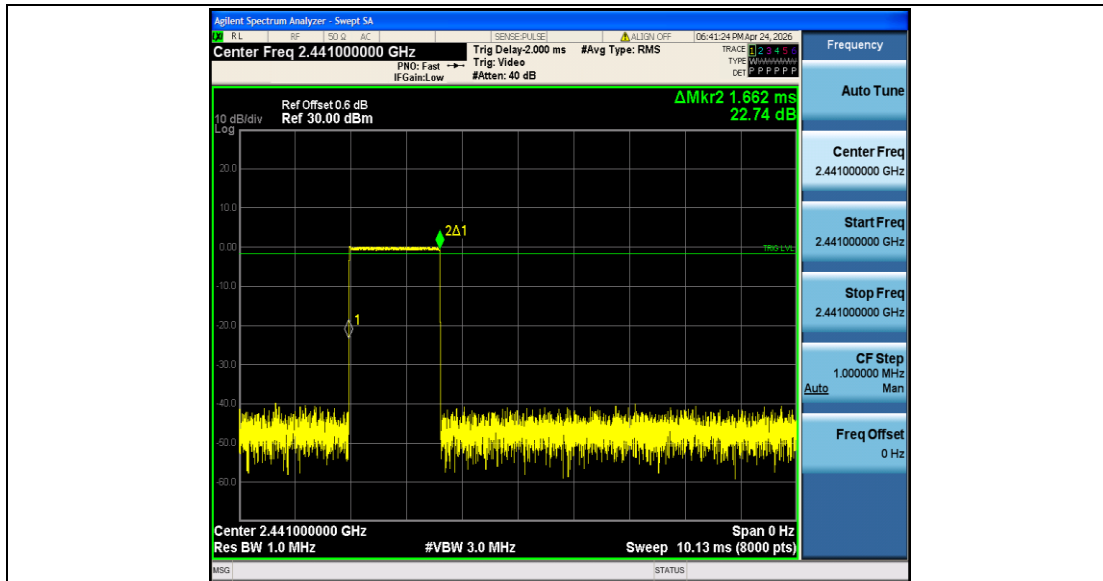
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.407	319	0.13	≤0.4	PASS
DH3	Ant1	Hop	1.662	167	0.278	≤0.4	PASS
DH5	Ant1	Hop	2.911	108	0.314	≤0.4	PASS
2DH1	Ant1	Hop	0.415	317	0.132	≤0.4	PASS
2DH3	Ant1	Hop	1.668	169	0.282	≤0.4	PASS
2DH5	Ant1	Hop	2.915	108	0.315	≤0.4	PASS
3DH1	Ant1	Hop	0.414	318	0.132	≤0.4	PASS
3DH3	Ant1	Hop	1.664	166	0.276	≤0.4	PASS
3DH5	Ant1	Hop	2.916	106	0.309	≤0.4	PASS

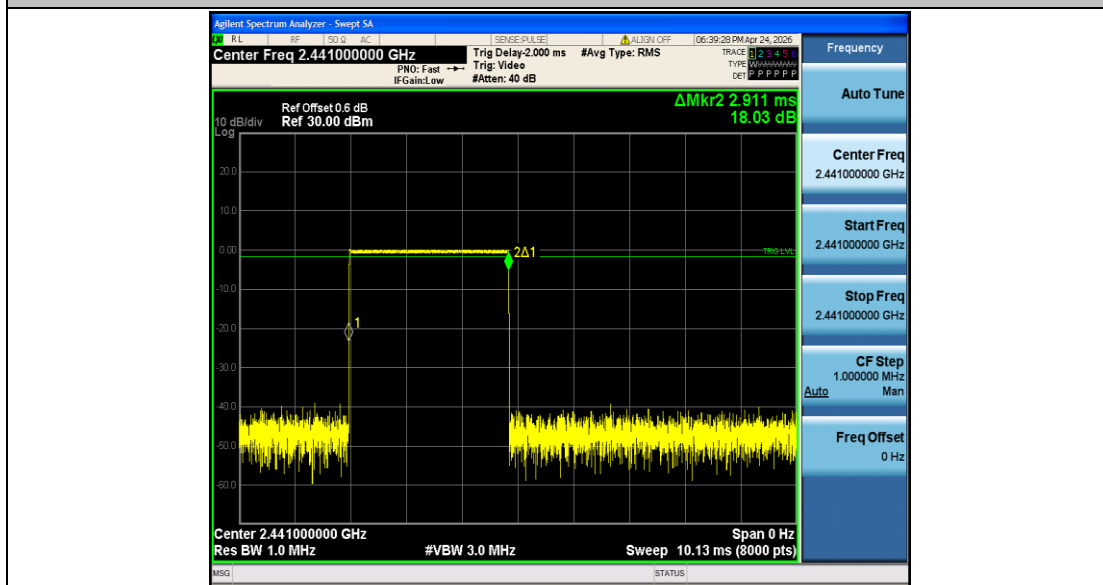
Test Graphs

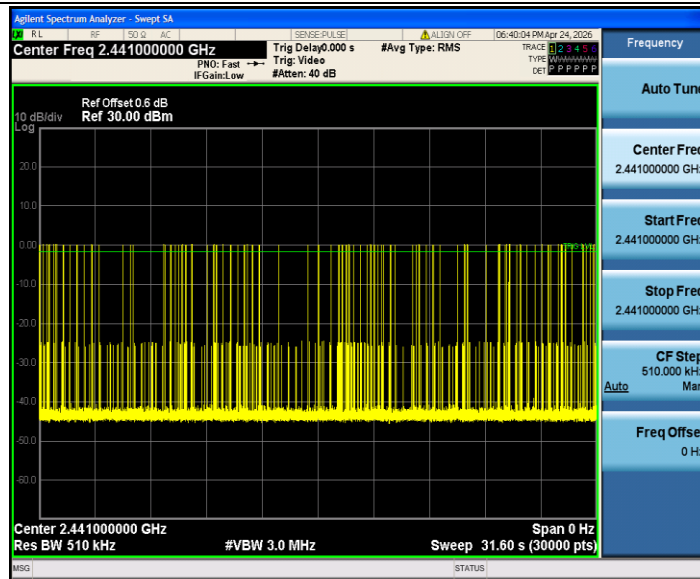


DH3_Ant1_Hop

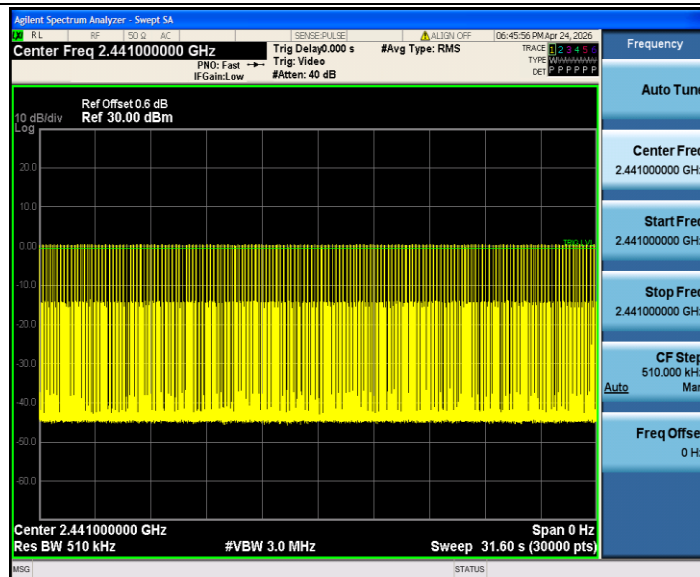
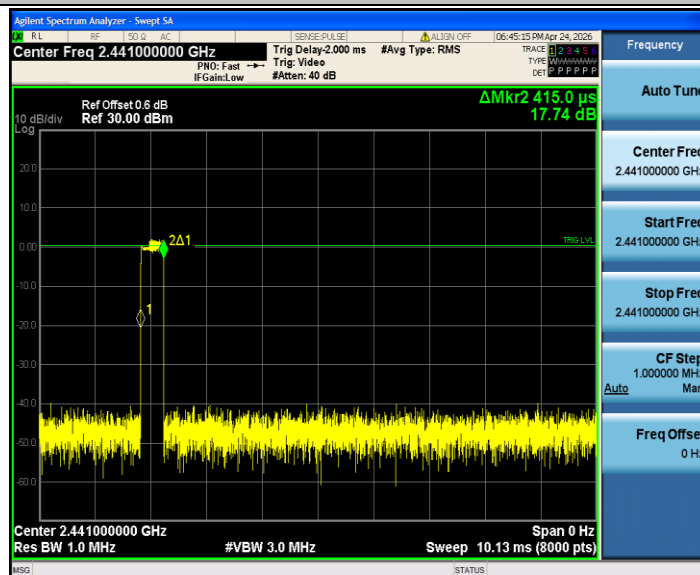


DH5_Ant1_Hop

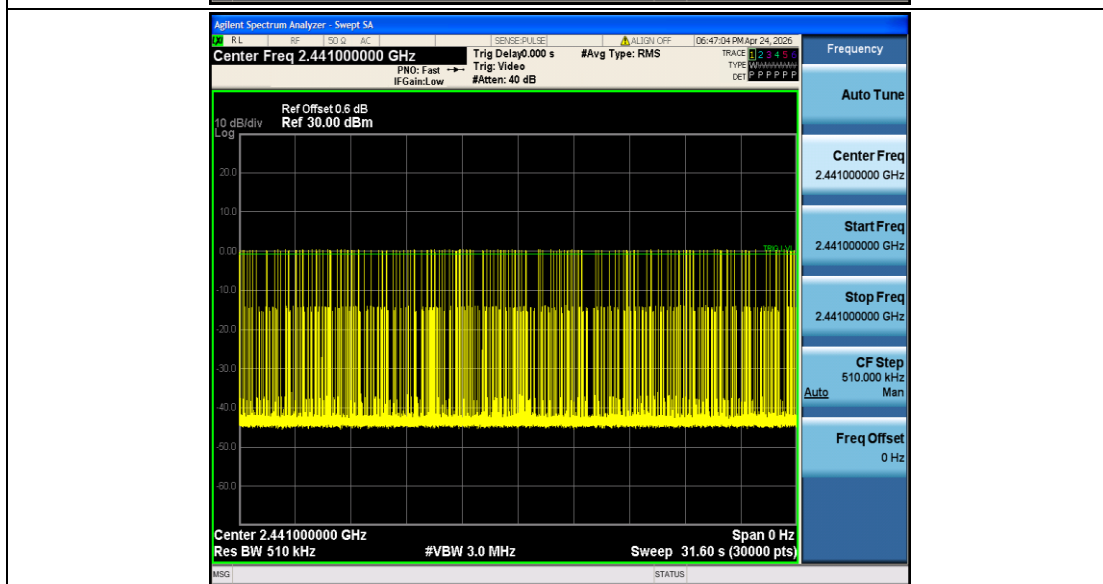
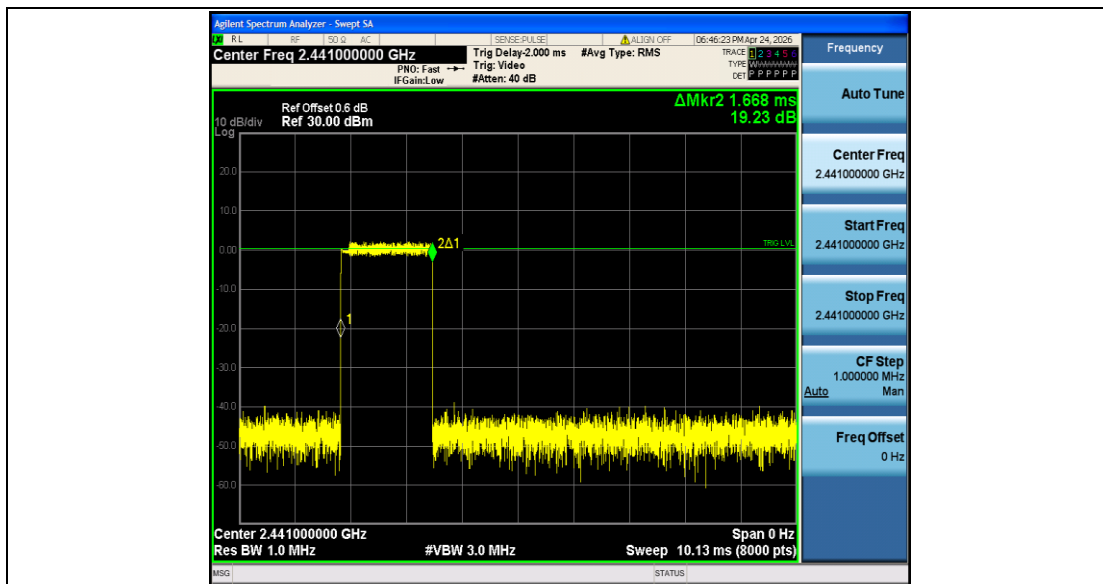




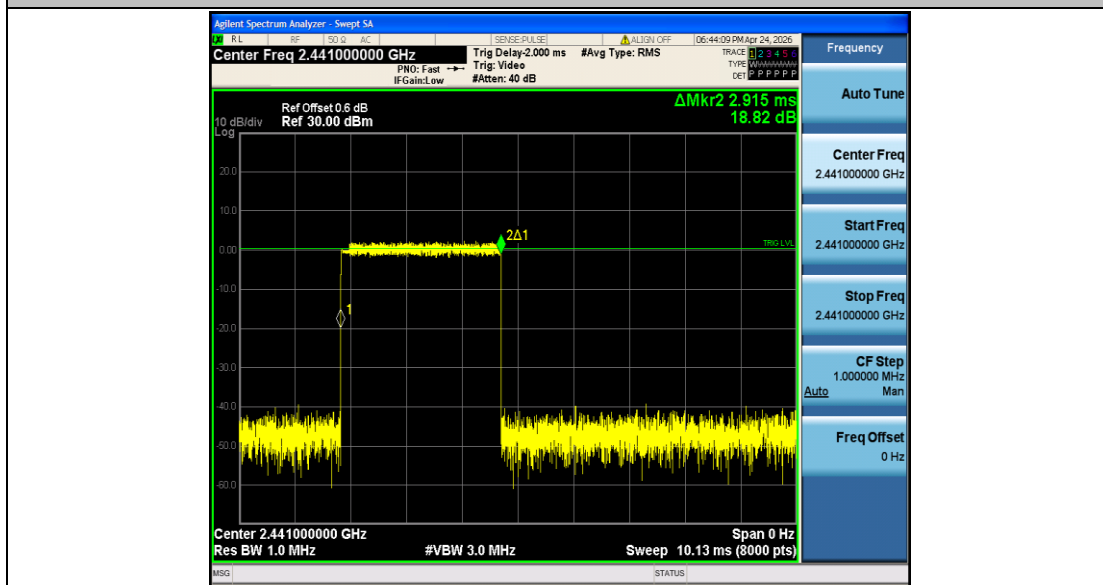
2DH1_Ant1_Hop

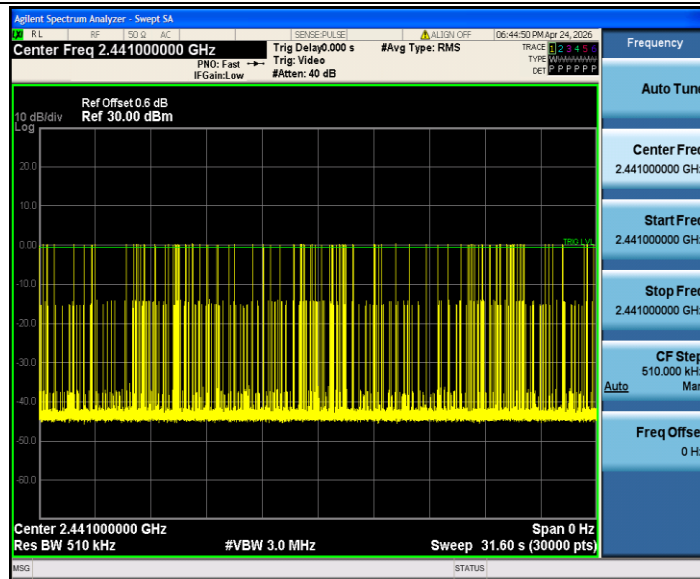


2DH3_Ant1_Hop

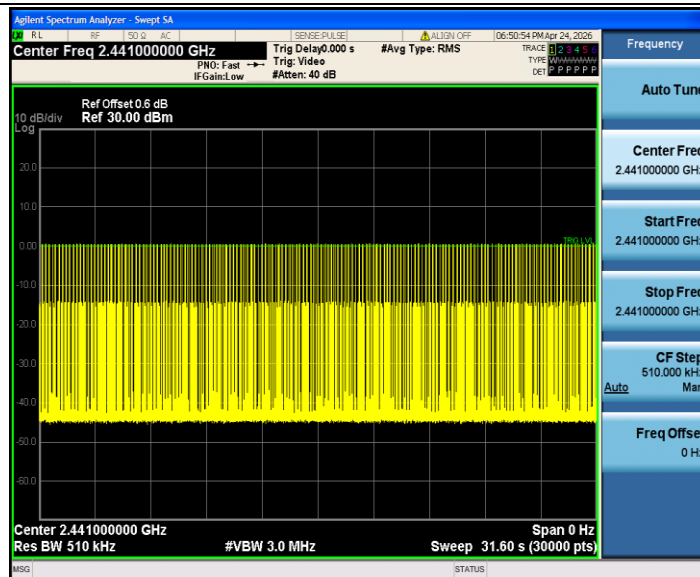
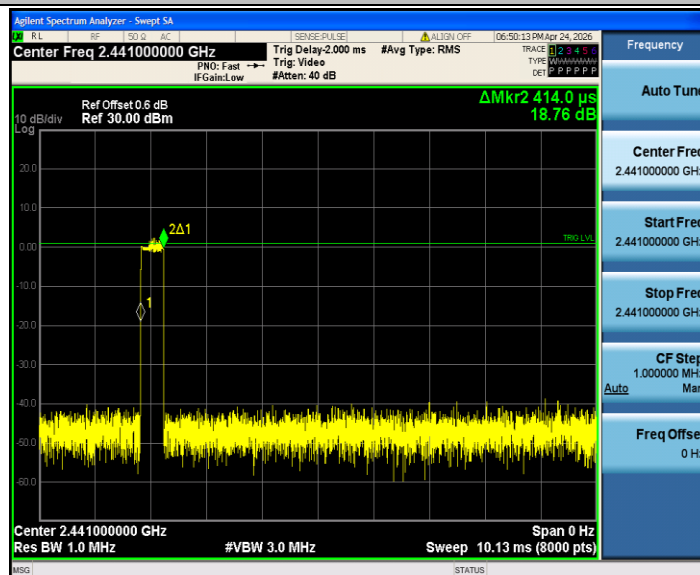


2DH5_Ant1_Hop

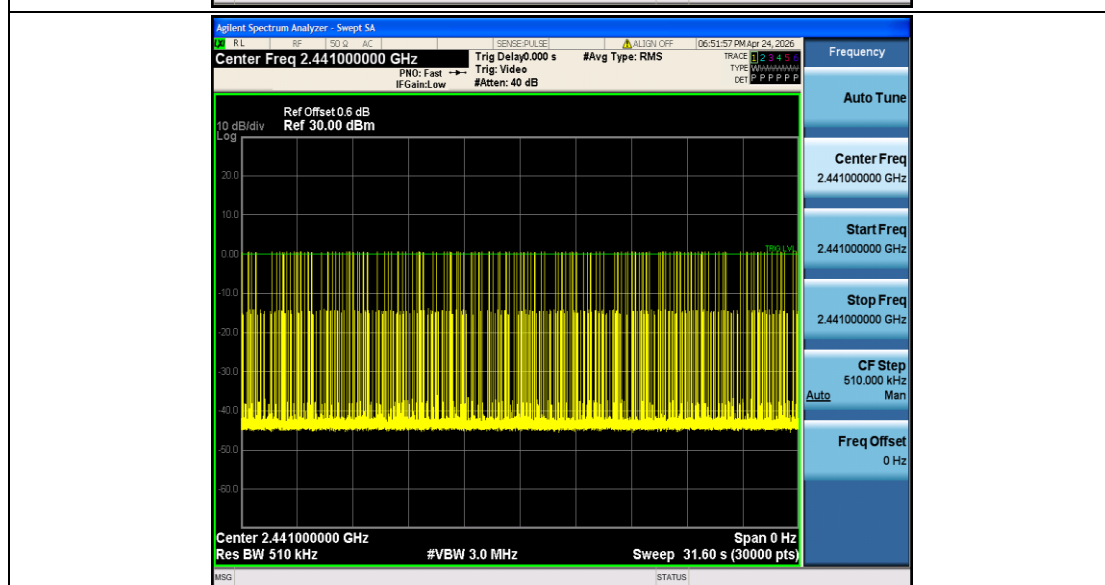
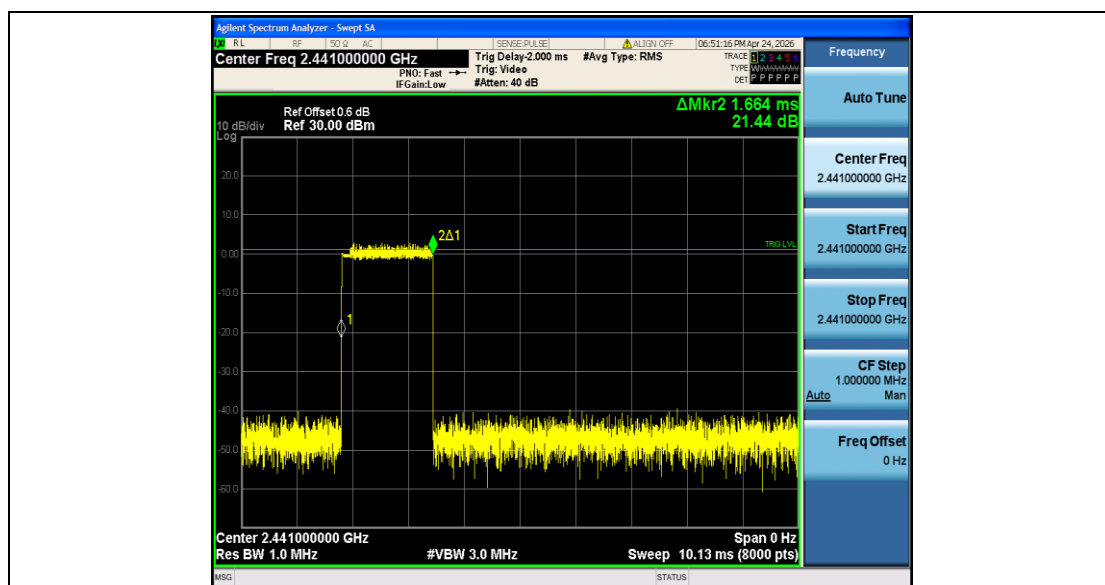




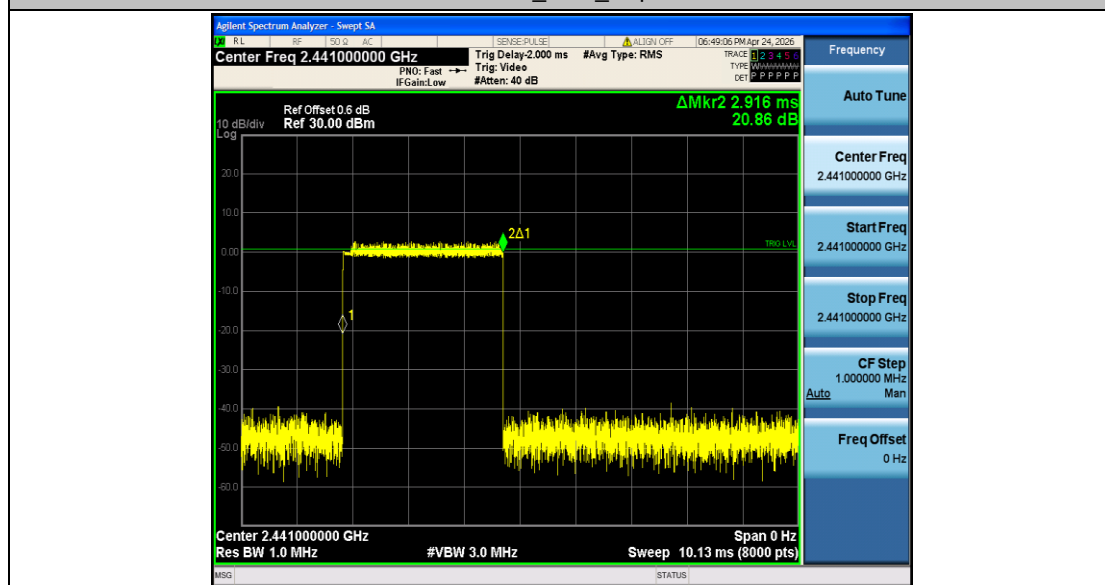
3DH1_Ant1_Hop

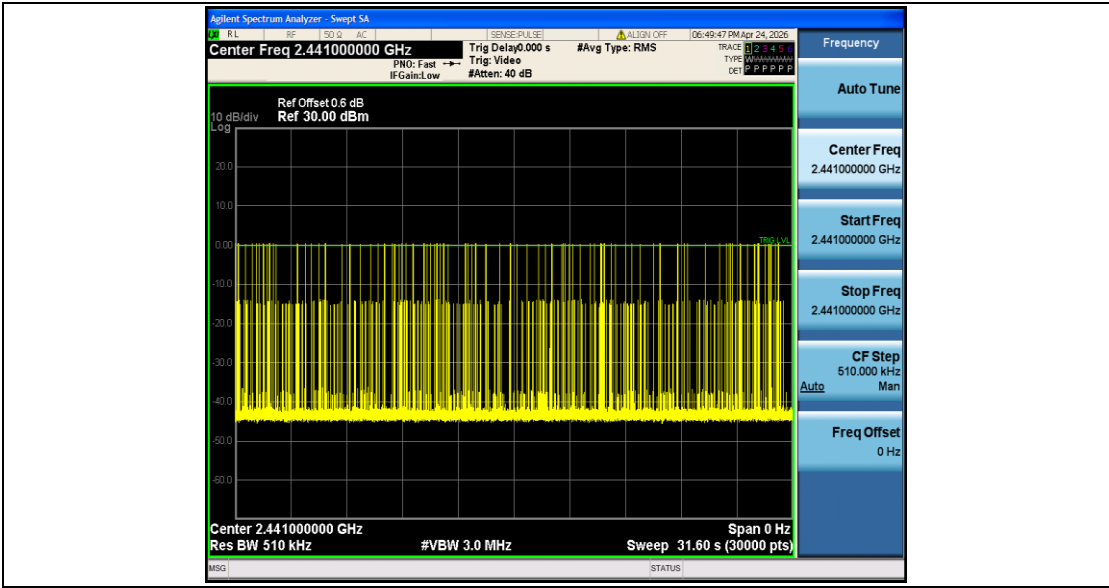


3DH3_Ant1_Hop



3DH5_Ant1_Hop



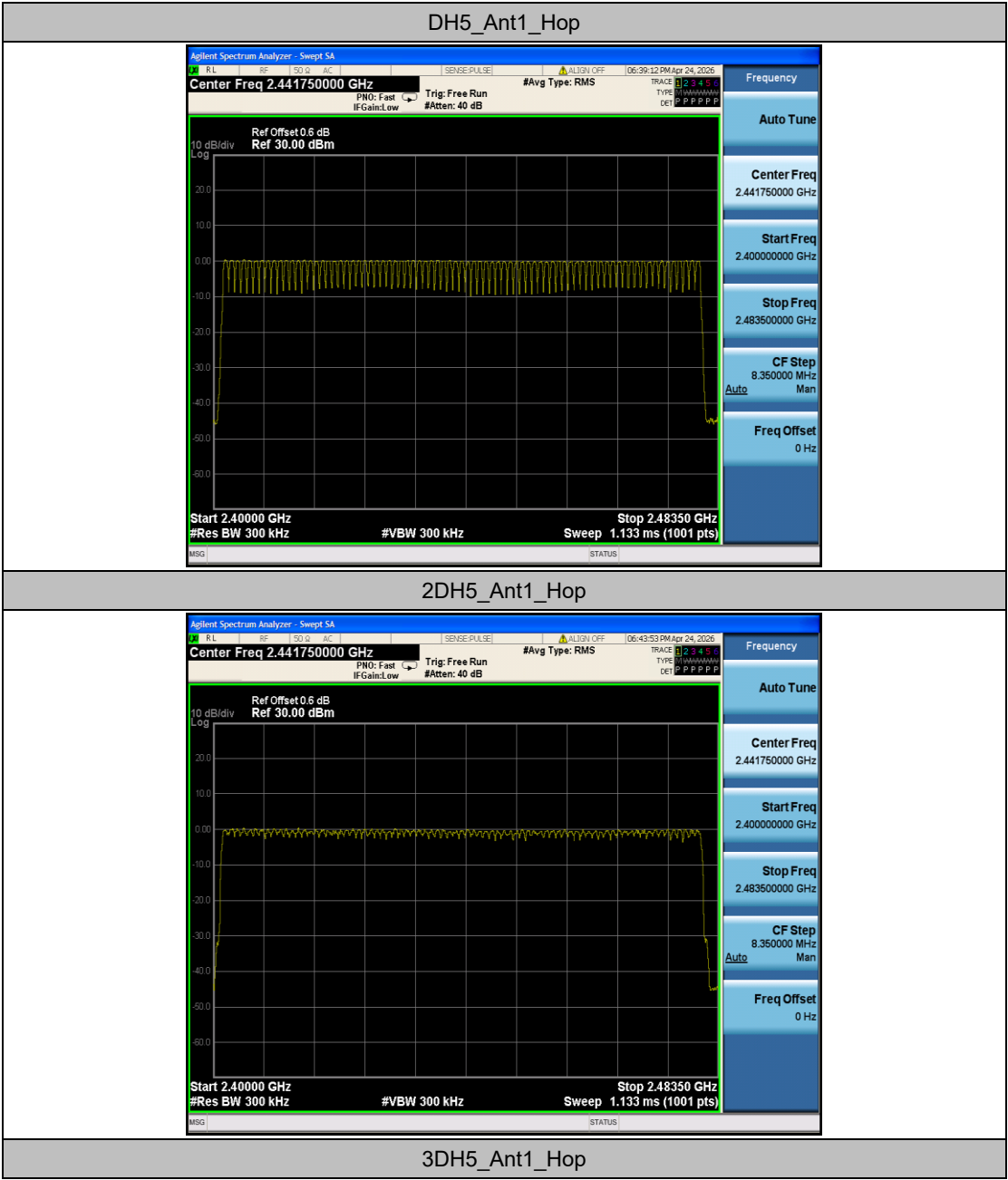


Appendix F: Number of hopping channels

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

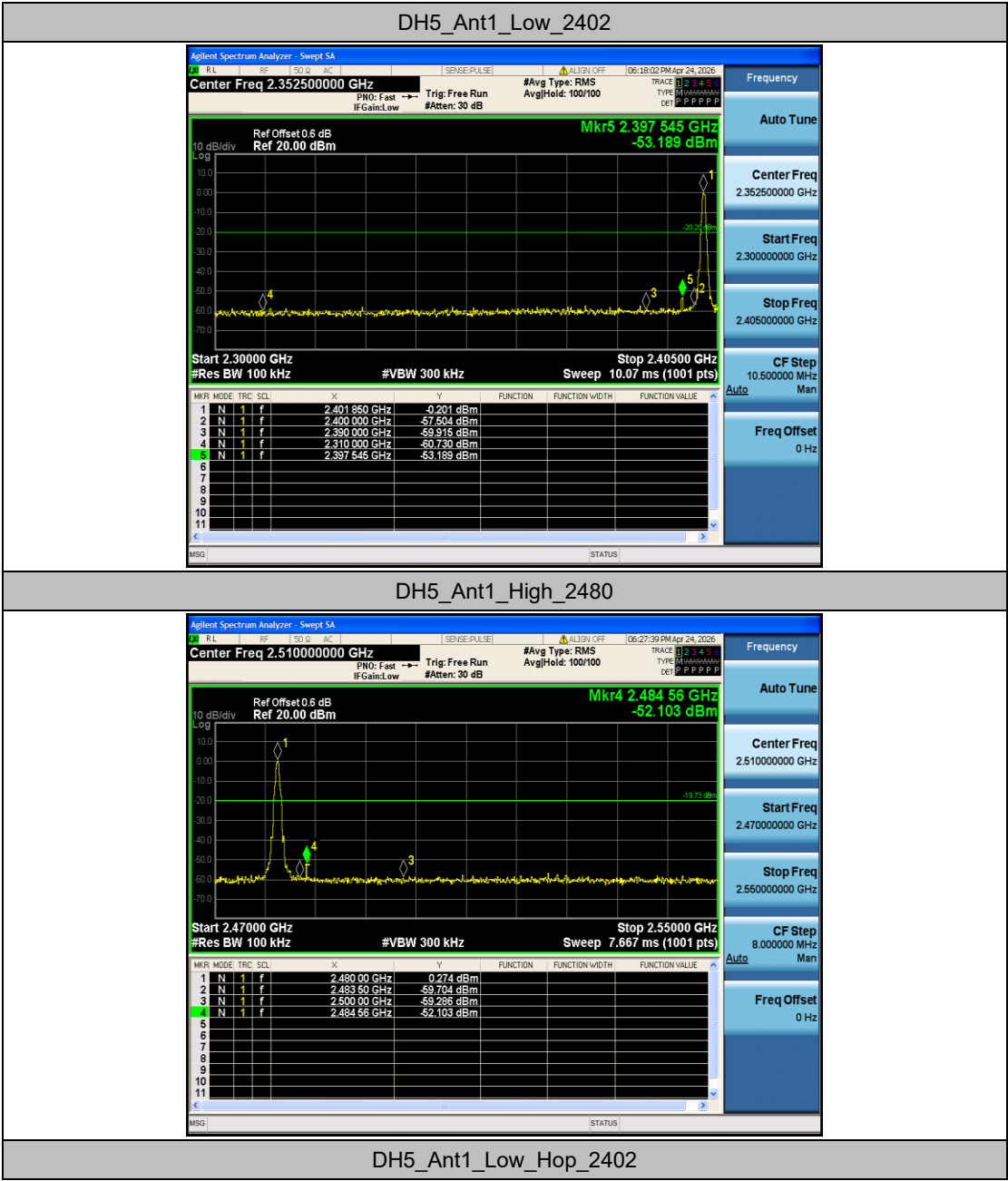


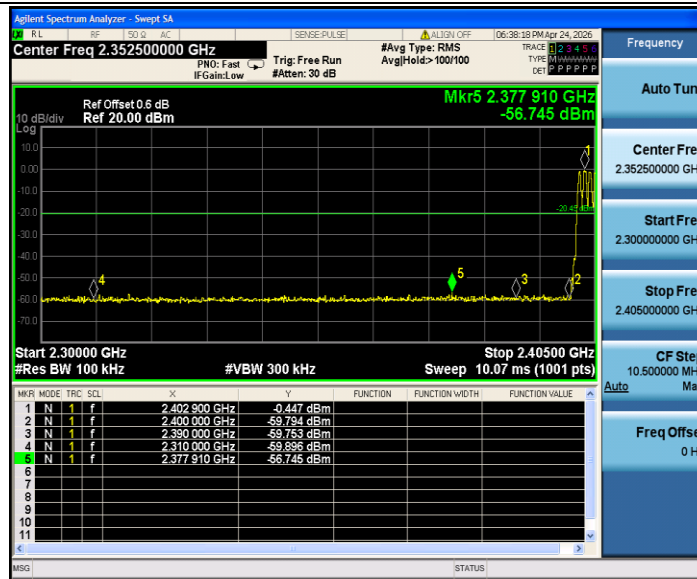
Appendix G: Band edge measurements

Test Result

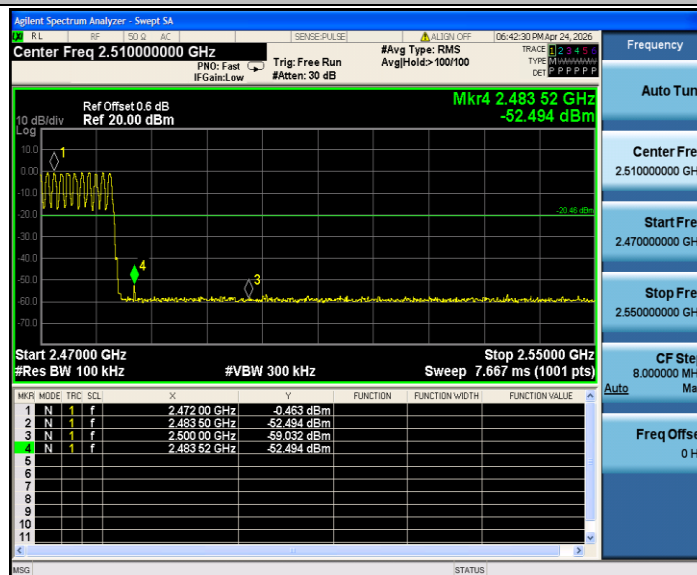
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.20	-53.19	≤ -20.2	PASS
		High	2480	0.27	-52.1	≤ -19.73	PASS
		Low	Hop_2402	-0.45	-56.75	≤ -20.45	PASS
		High	Hop_2480	-0.46	-52.49	≤ -20.46	PASS
2DH5	Ant1	Low	2402	-1.99	-51.11	≤ -21.99	PASS
		High	2480	-0.87	-53.98	≤ -20.87	PASS
		Low	Hop_2402	-4.01	-51.23	≤ -24.01	PASS
		High	Hop_2480	-0.01	-56.32	≤ -20.01	PASS
3DH5	Ant1	Low	2402	-0.06	-49.71	≤ -20.06	PASS
		High	2480	0.23	-55.65	≤ -19.77	PASS
		Low	Hop_2402	-1.01	-54.09	≤ -21.01	PASS
		High	Hop_2480	0.17	-57.03	≤ -19.83	PASS

Test Graphs

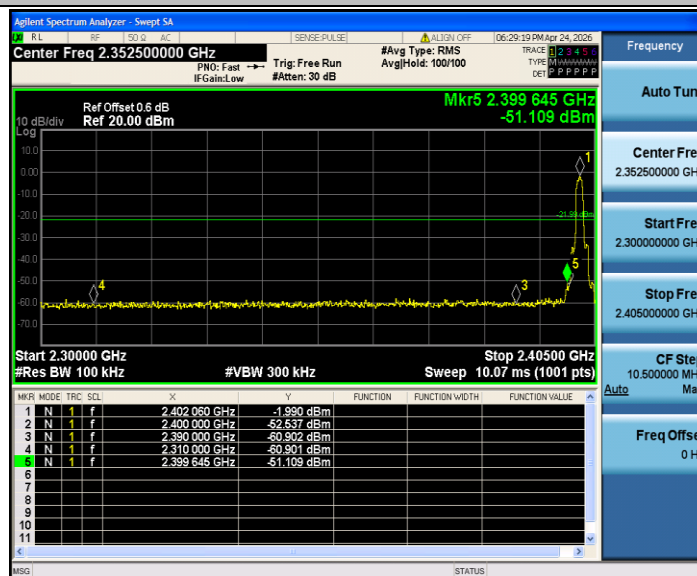




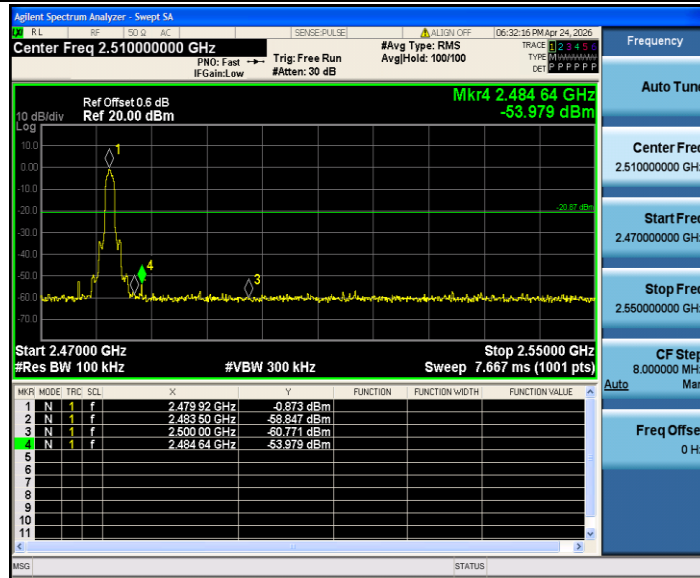
DH5_Ant1_High_Hop_2480



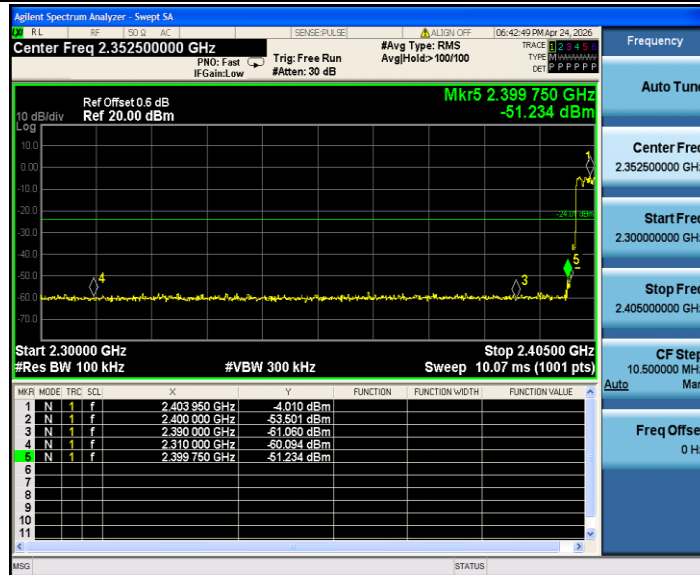
2DH5_Ant1_Low_2402



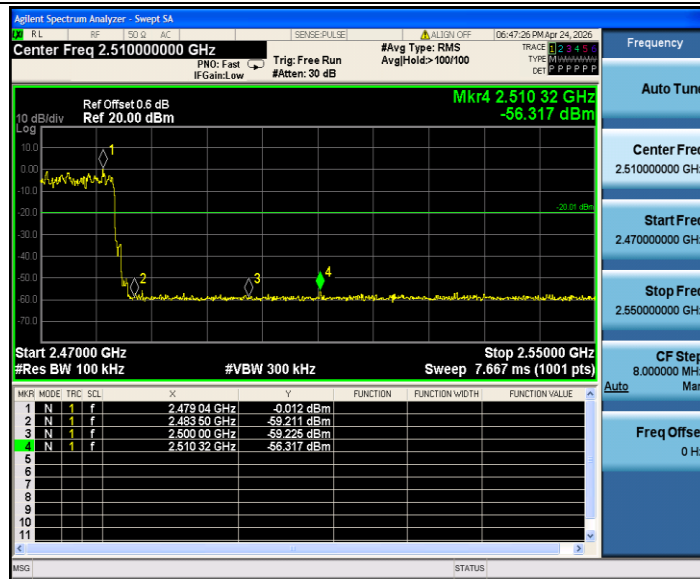
2DH5_Ant1_High_2480



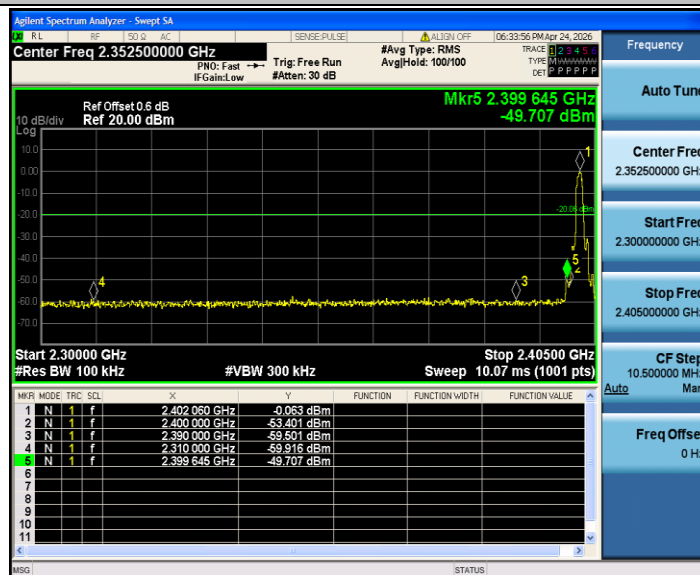
2DH5_Ant1_Low_Hop_2402



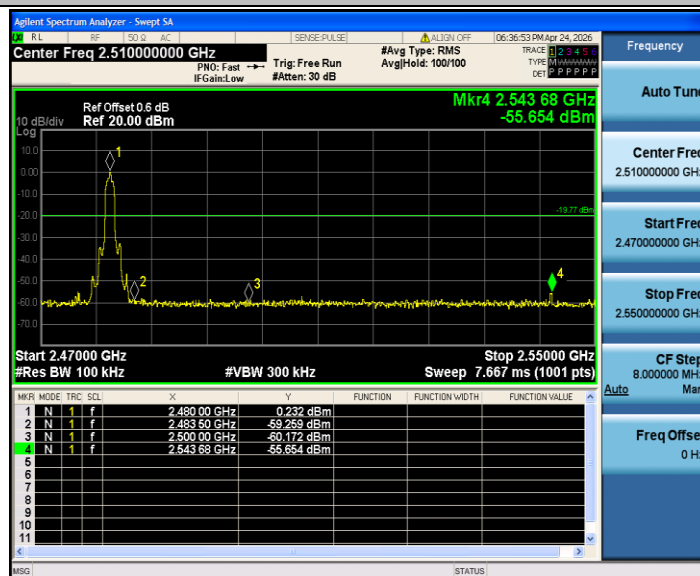
2DH5_Ant1_High_Hop_2480



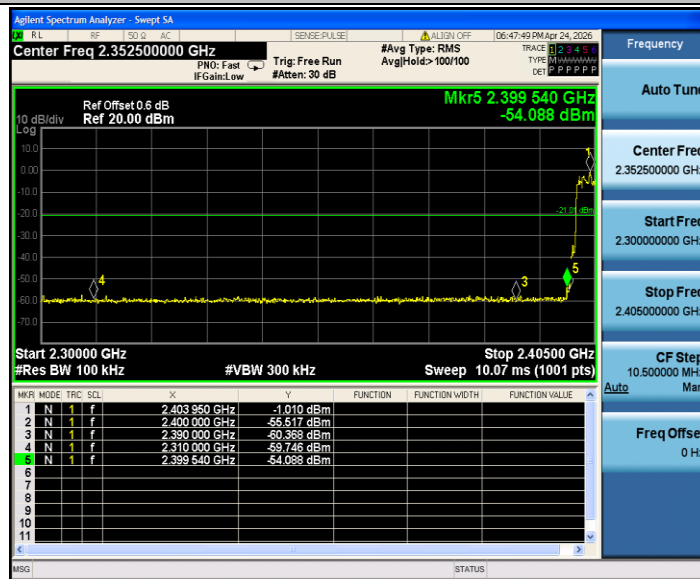
3DH5_Ant1_Low_2402



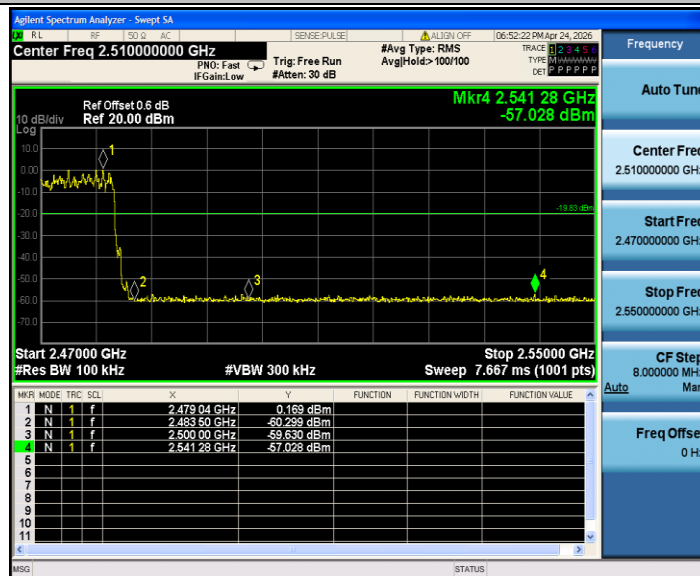
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

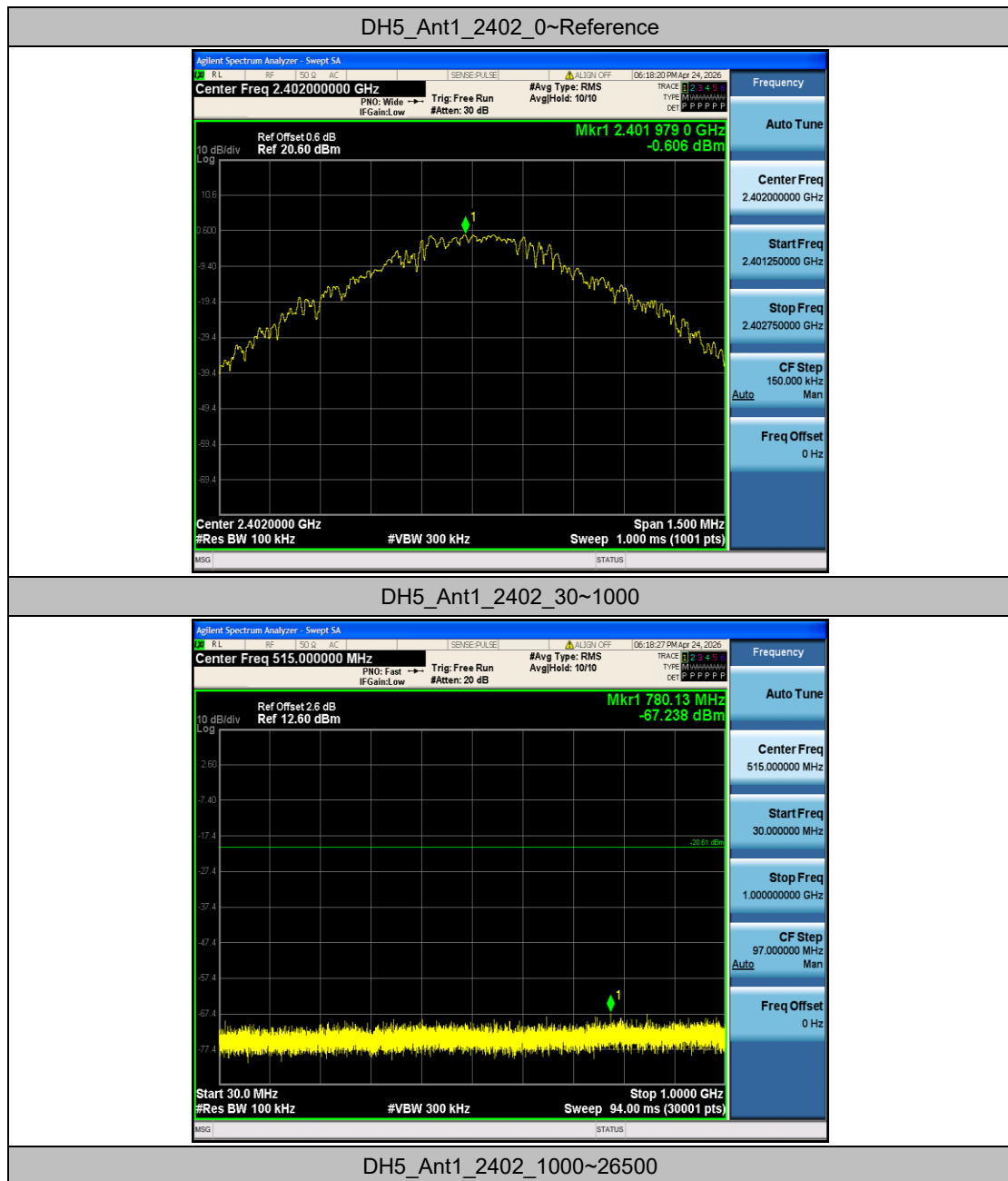


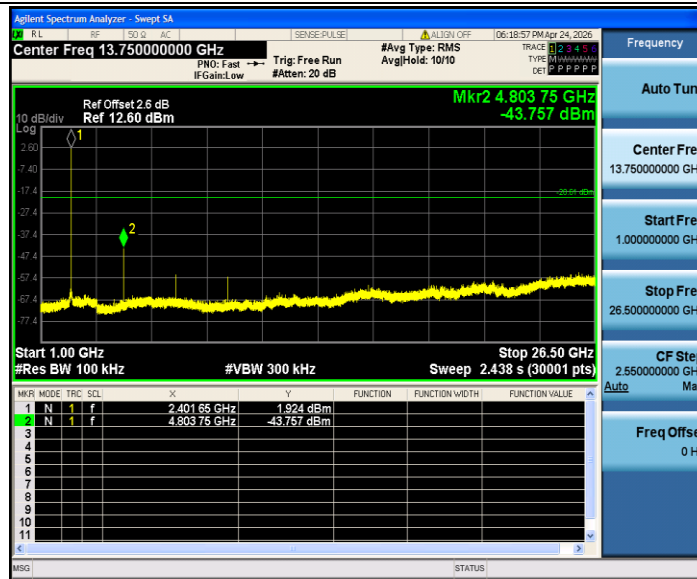
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.61	-0.61	---	PASS
			30~1000	-0.61	-67.24	≤-20.61	PASS
			1000~26500	-0.61	-43.76	≤-20.61	PASS
		2441	Reference	-0.85	-0.85	---	PASS
			30~1000	-0.85	-68.1	≤-20.85	PASS
			1000~26500	-0.85	-41.34	≤-20.85	PASS
		2480	Reference	-1.43	-1.43	---	PASS
			30~1000	-1.43	-67.55	≤-21.43	PASS
			1000~26500	-1.43	-44.71	≤-21.43	PASS
2DH5	Ant1	2402	Reference	-0.81	-0.81	---	PASS
			30~1000	-0.81	-67.13	≤-20.81	PASS
			1000~26500	-0.81	-45	≤-20.81	PASS
		2441	Reference	-3.42	-3.42	---	PASS
			30~1000	-3.42	-67.61	≤-23.42	PASS
			1000~26500	-3.42	-45.88	≤-23.42	PASS
		2480	Reference	-0.81	-0.81	---	PASS
			30~1000	-0.81	-68.04	≤-20.81	PASS
			1000~26500	-0.81	-45.53	≤-20.81	PASS
3DH5	Ant1	2402	Reference	-0.34	-0.34	---	PASS
			30~1000	-0.34	-68.03	≤-20.34	PASS
			1000~26500	-0.34	-45.06	≤-20.34	PASS
		2441	Reference	-2.63	-2.63	---	PASS
			30~1000	-2.63	-67.3	≤-22.63	PASS
			1000~26500	-2.63	-42.66	≤-22.63	PASS
		2480	Reference	-0.37	-0.37	---	PASS
			30~1000	-0.37	-67.02	≤-20.37	PASS
			1000~26500	-0.37	-44.71	≤-20.37	PASS

Test Graphs

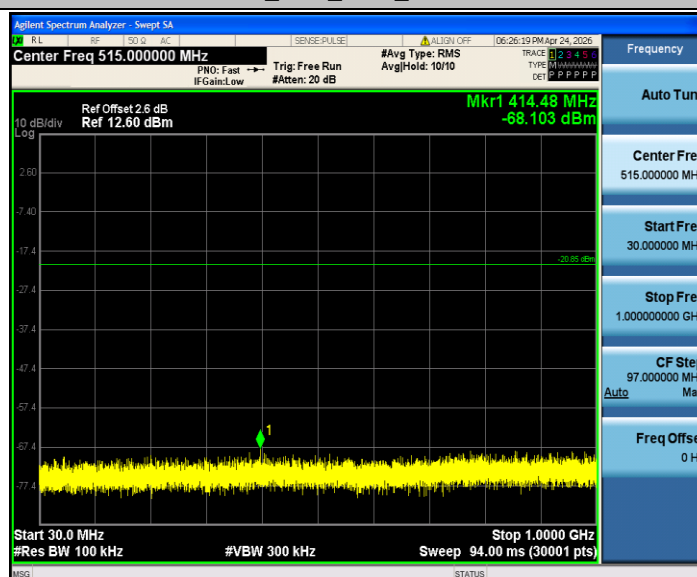




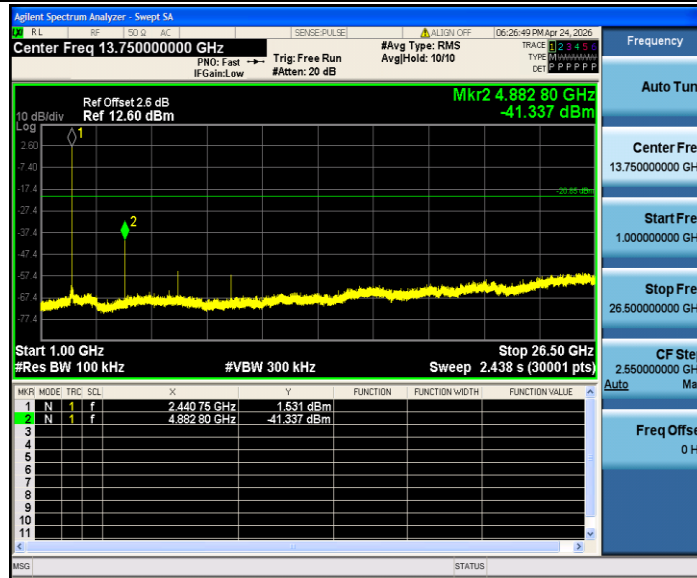
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



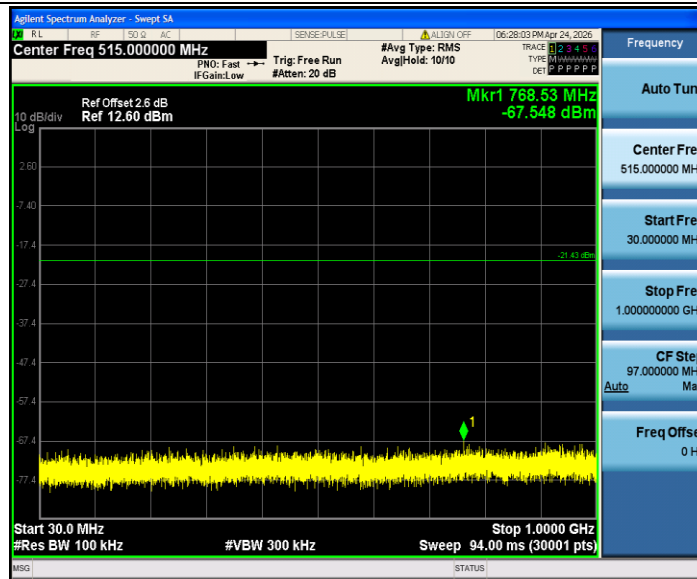
DH5_Ant1_2441_1000~26500



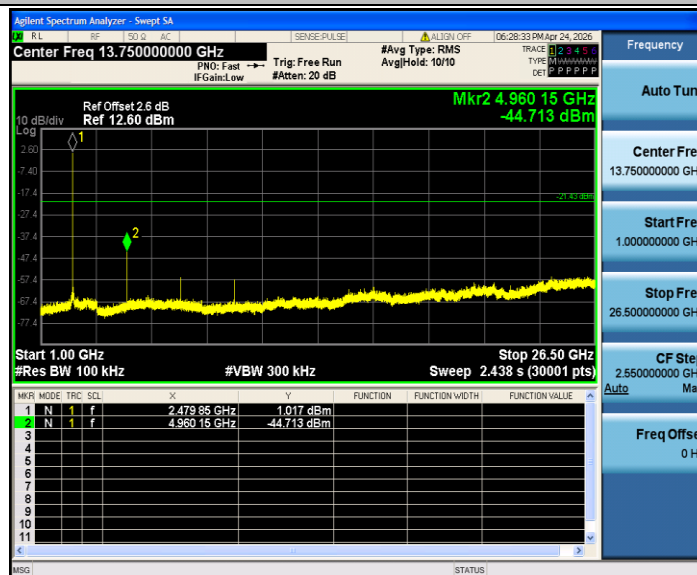
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500



2DH5_Ant1_2402_0~Reference

