

FCC Appendix RF Test Data for BT

FCC ID : 2BW3U-MH017-2

Company : MYPLAYER LTD

EUT : MY SOUND USB 2

Model Number : MH017-2

Report No. : CTA26072901302

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	0.954	2440.544	2441.498	---	---
		2480	0.963	2479.541	2480.504	---	---
2DH5	Ant1	2402	1.329	2401.343	2402.672	---	---
		2441	1.347	2440.337	2441.684	---	---
		2480	1.314	2479.352	2480.666	---	---
3DH5	Ant1	2402	1.293	2401.361	2402.654	---	---
		2441	1.290	2440.364	2441.654	---	---
		2480	1.287	2479.367	2480.654	---	---

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	0.87935	2401.5736	2402.4529	---	---
		2441	0.87317	2440.5767	2441.4499	---	---
		2480	0.87509	2479.5741	2480.4491	---	---
2DH5	Ant1	2402	1.1874	2401.4162	2402.6036	---	---
		2441	1.1824	2440.4188	2441.6012	---	---
		2480	1.1851	2479.4159	2480.6010	---	---
3DH5	Ant1	2402	1.1787	2401.4264	2402.6051	---	---
		2441	1.1858	2440.4174	2441.6032	---	---
		2480	1.1984	2479.4107	2480.6091	---	---

Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



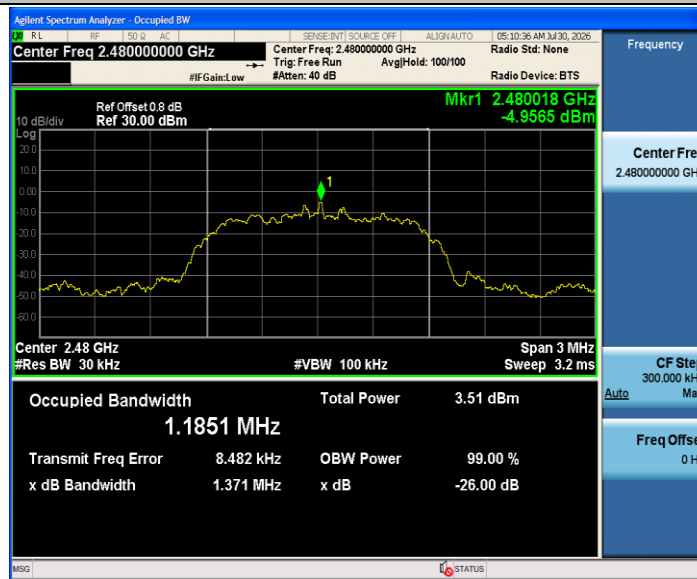
2DH5_Ant1_2402



2DH5_Ant1_2441



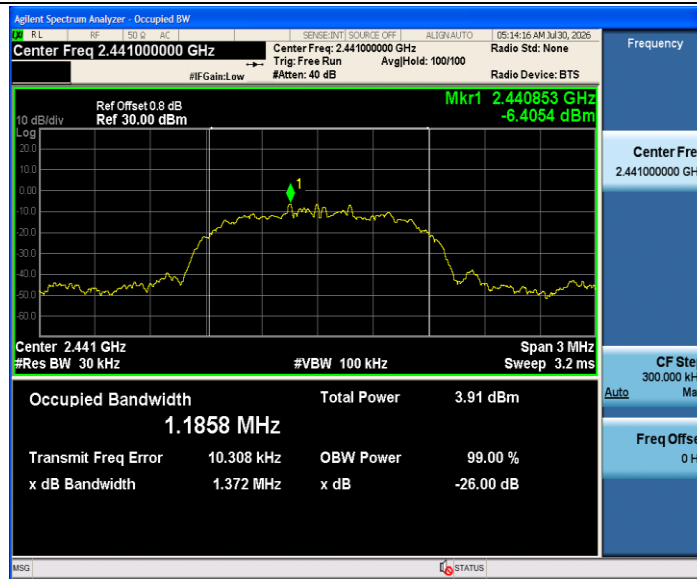
2DH5_Ant1_2480



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	0.57	≤20.97	PASS
		2441	0.40	≤20.97	PASS
		2480	0.07	≤20.97	PASS
2DH5	Ant1	2402	-0.33	≤20.97	PASS
		2441	-0.42	≤20.97	PASS
		2480	-0.73	≤20.97	PASS
3DH5	Ant1	2402	0.01	≤20.97	PASS
		2441	-0.10	≤20.97	PASS
		2480	-0.36	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1	≥ 0.963	PASS
2DH5	Ant1	Hop	1.006	≥ 0.898	PASS
3DH5	Ant1	Hop	1.008	≥ 0.862	PASS

Test Graphs



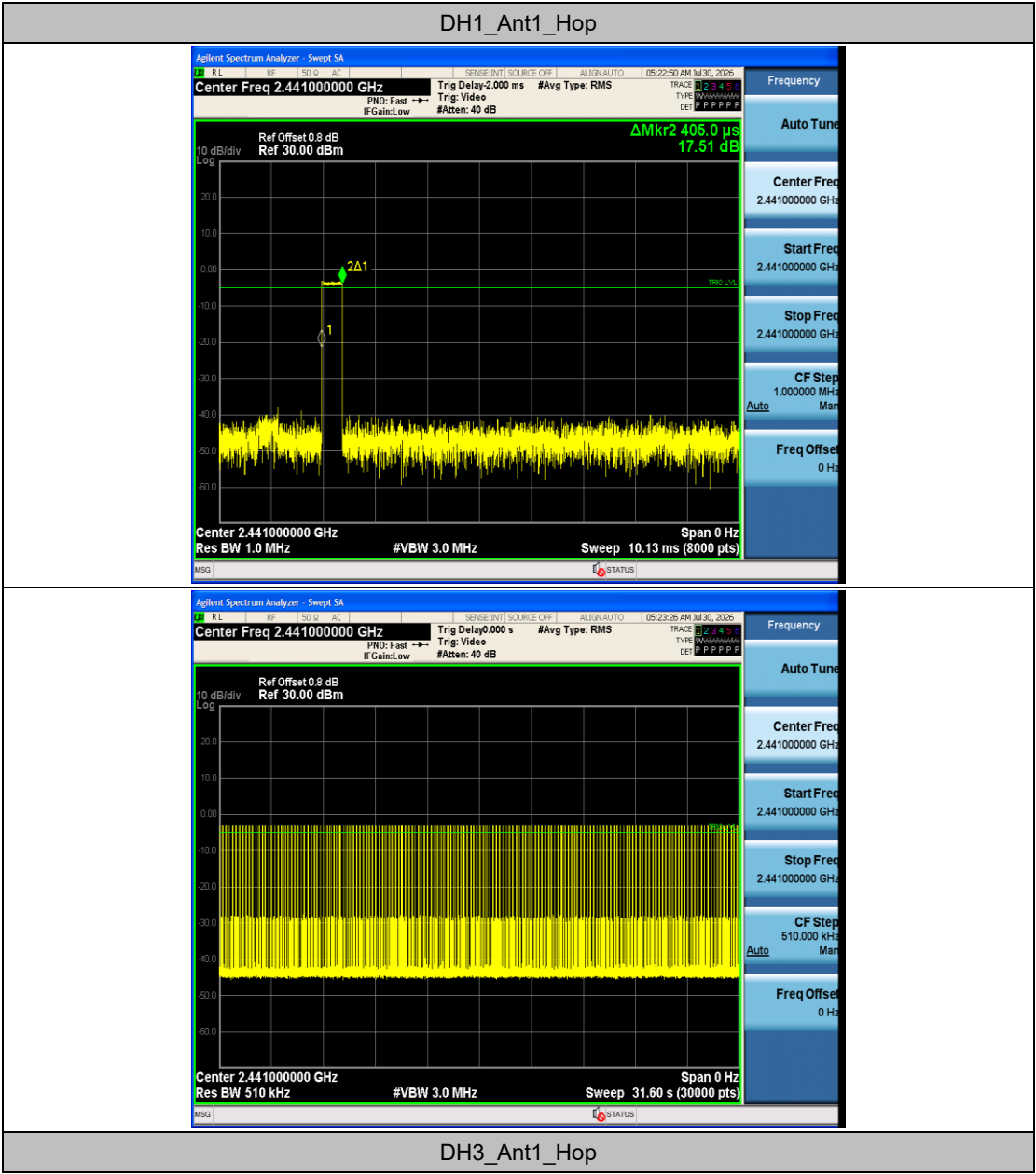


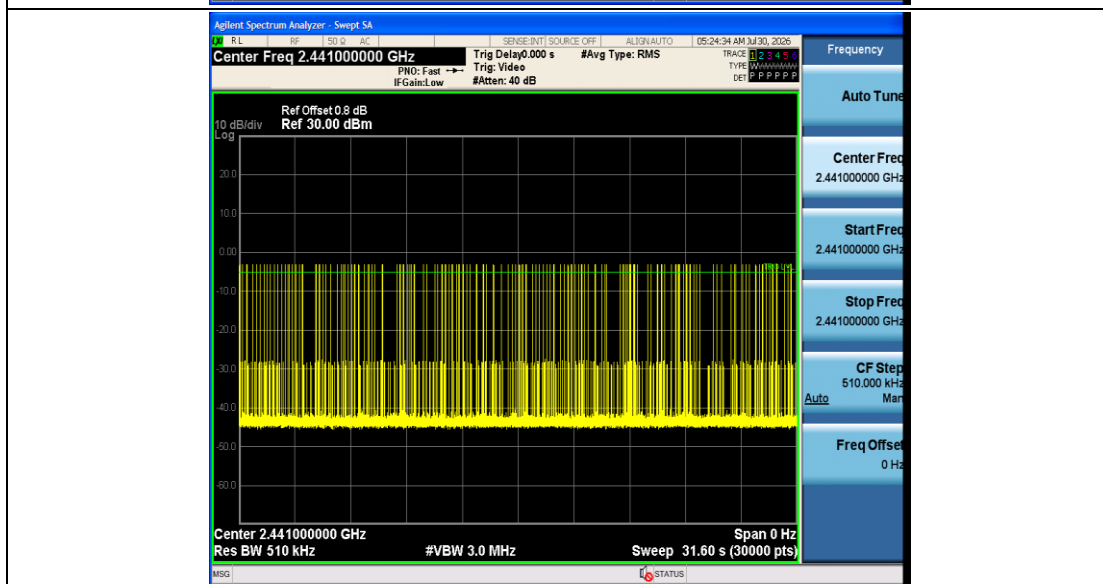
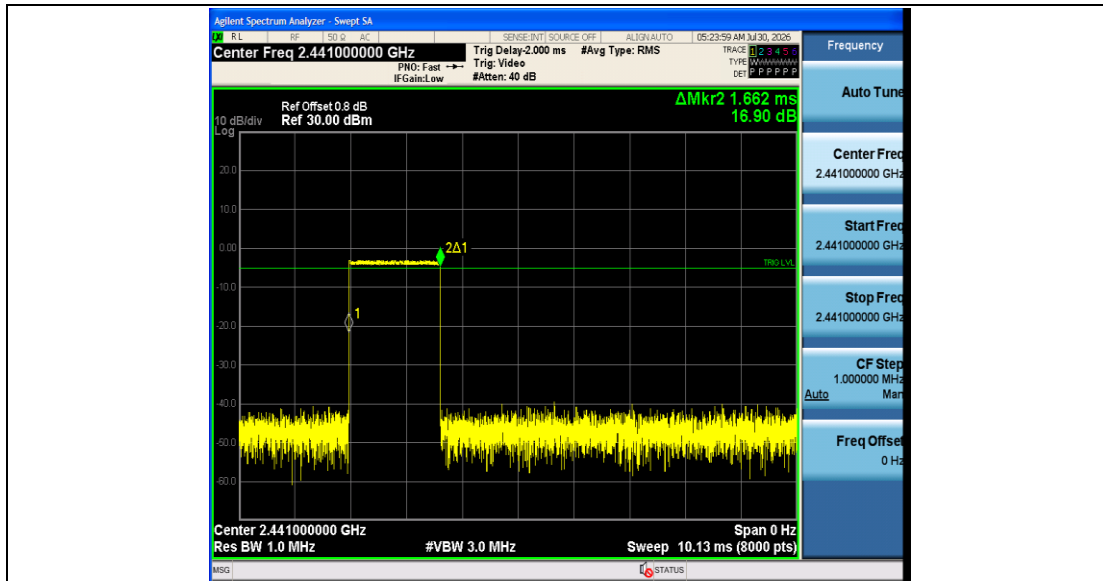
Appendix E: Time of occupancy

Test Result

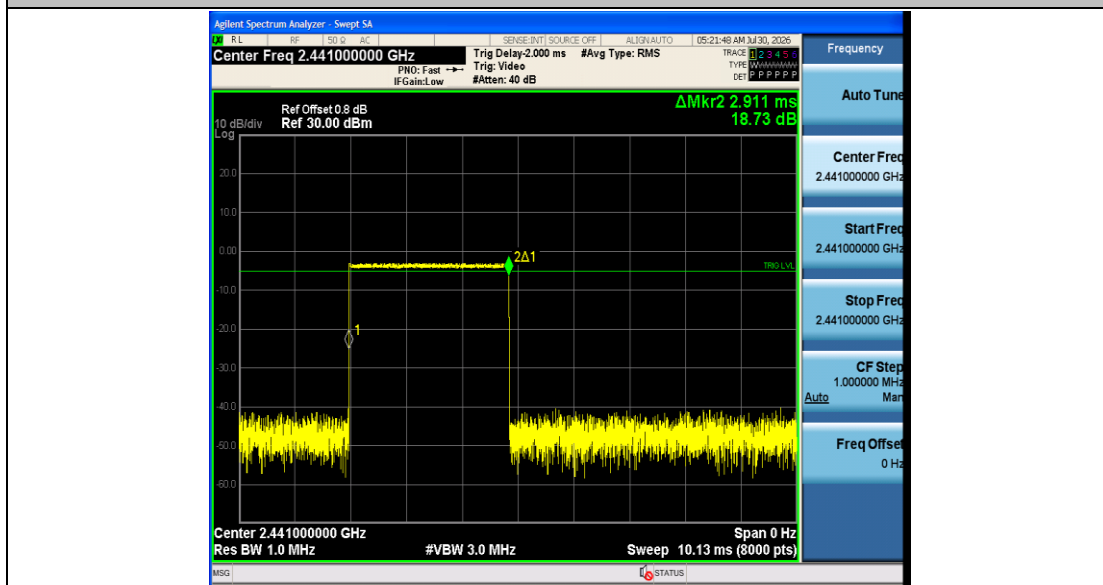
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.405	315	0.128	≤0.4	PASS
DH3	Ant1	Hop	1.662	167	0.278	≤0.4	PASS
DH5	Ant1	Hop	2.911	105	0.306	≤0.4	PASS
2DH1	Ant1	Hop	0.417	314	0.131	≤0.4	PASS
2DH3	Ant1	Hop	1.667	163	0.272	≤0.4	PASS
2DH5	Ant1	Hop	2.915	110	0.321	≤0.4	PASS
3DH1	Ant1	Hop	0.415	318	0.132	≤0.4	PASS
3DH3	Ant1	Hop	1.666	163	0.272	≤0.4	PASS
3DH5	Ant1	Hop	2.917	99	0.289	≤0.4	PASS

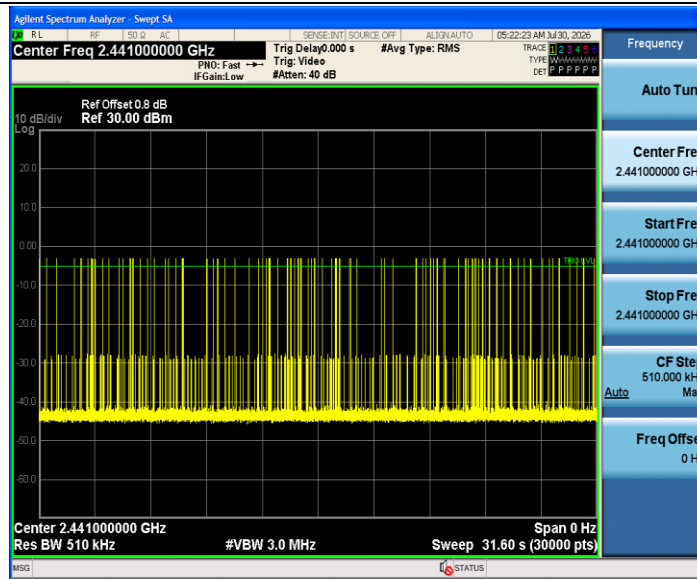
Test Graphs



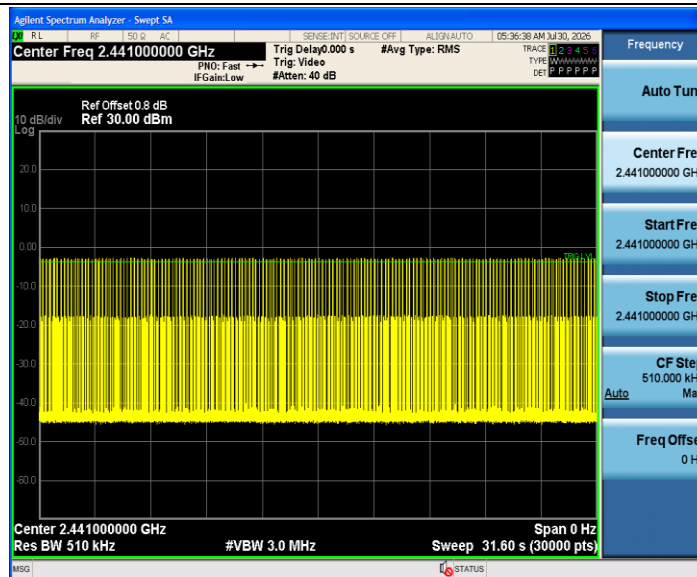
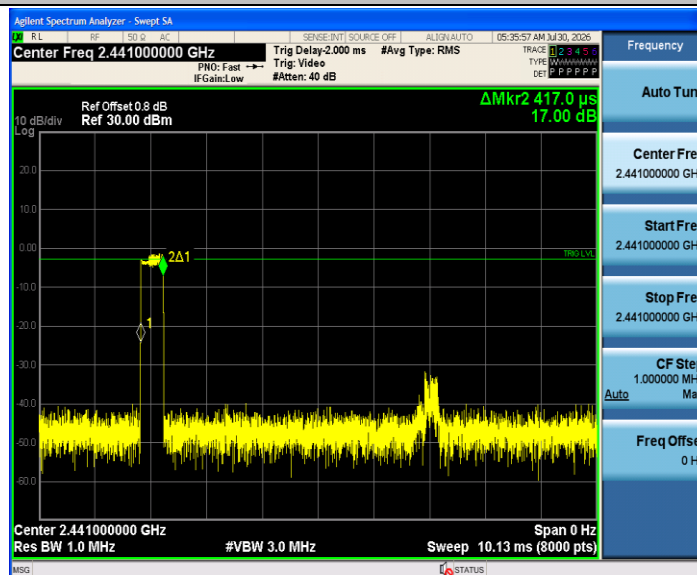


DH5_Ant1_Hop

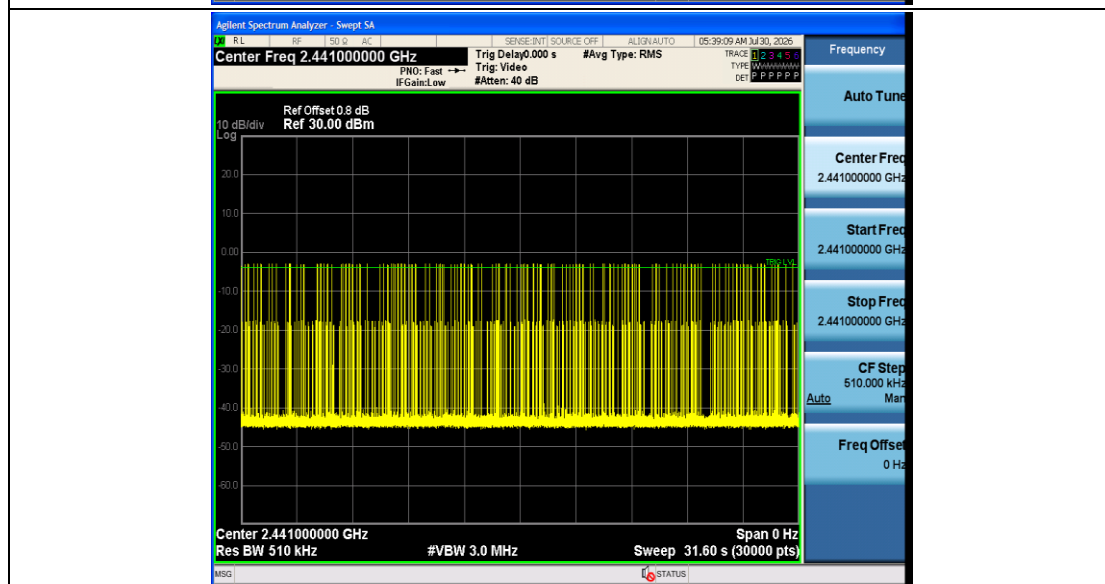
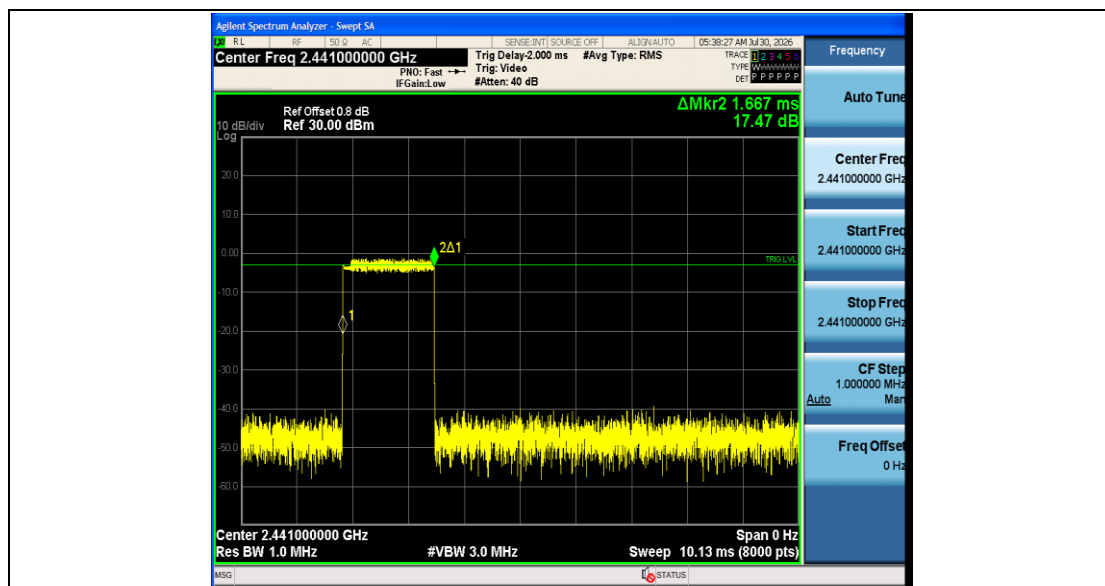




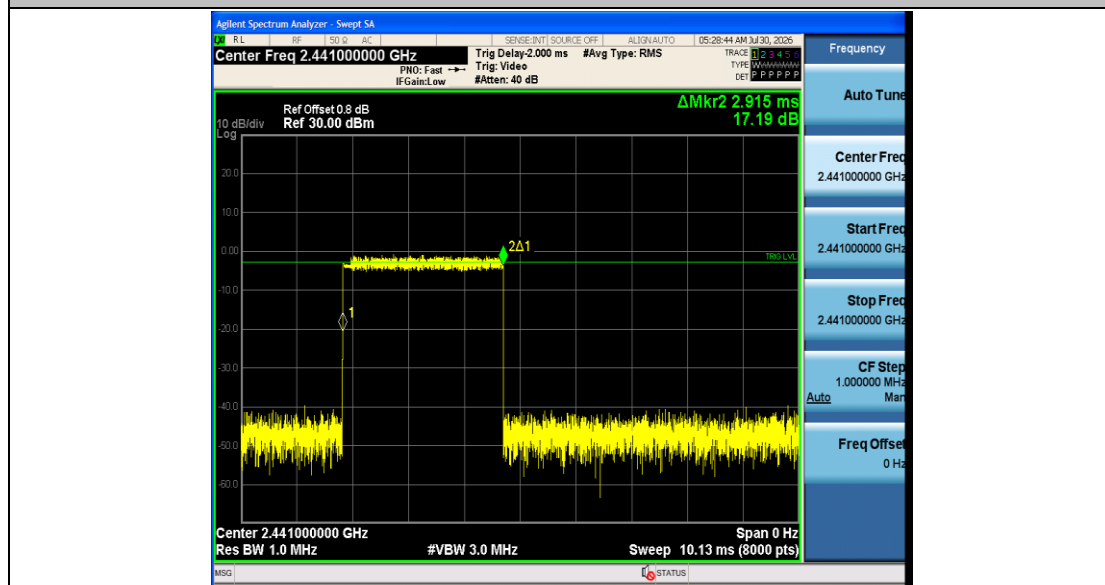
2DH1_Ant1_Hop

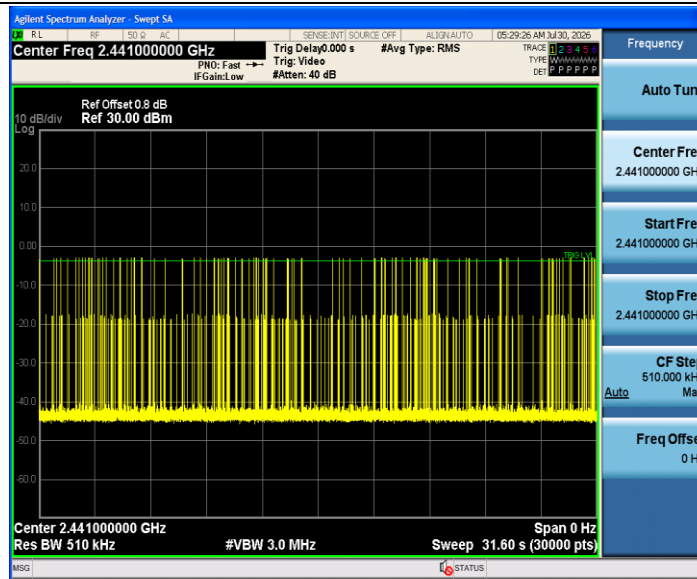


2DH3_Ant1_Hop

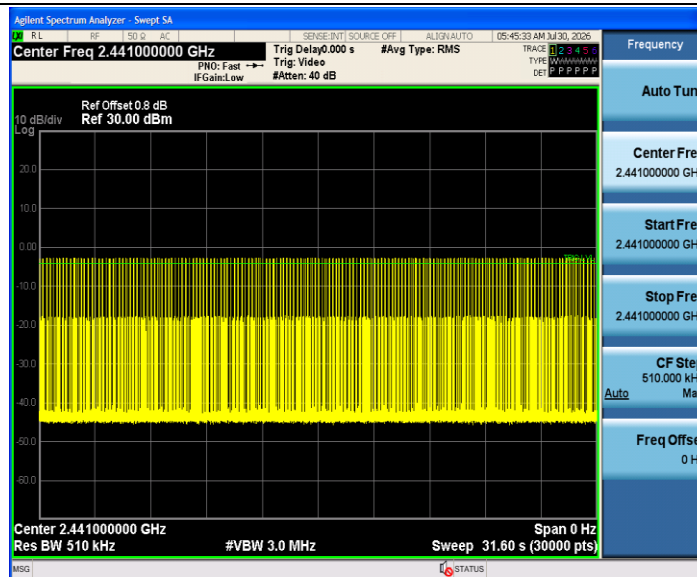
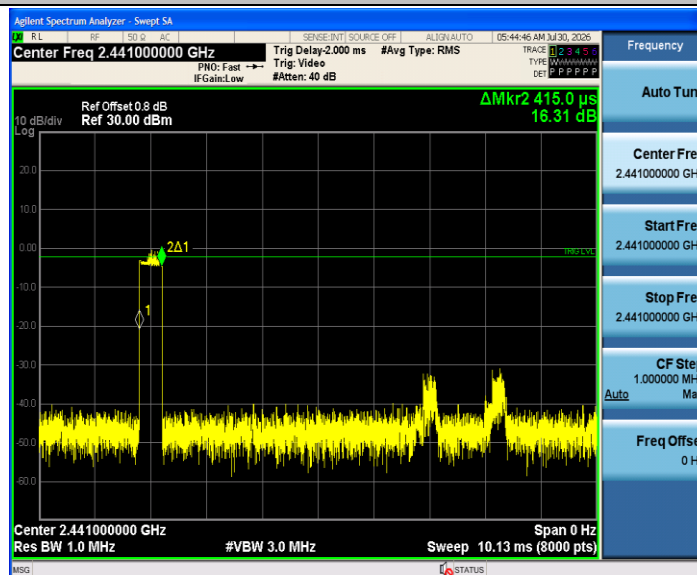


2DH5_Ant1_Hop

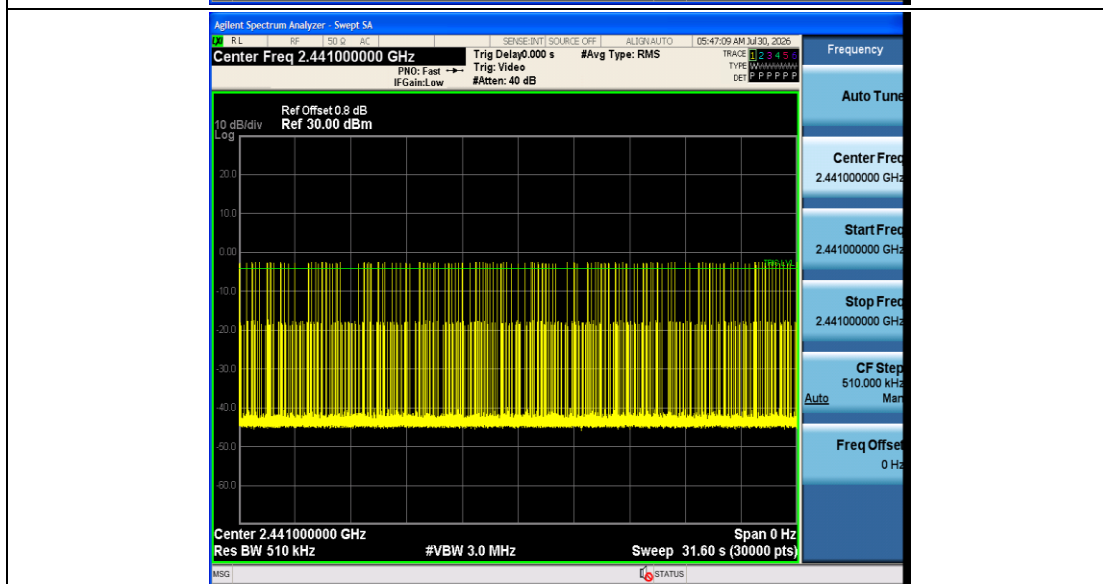
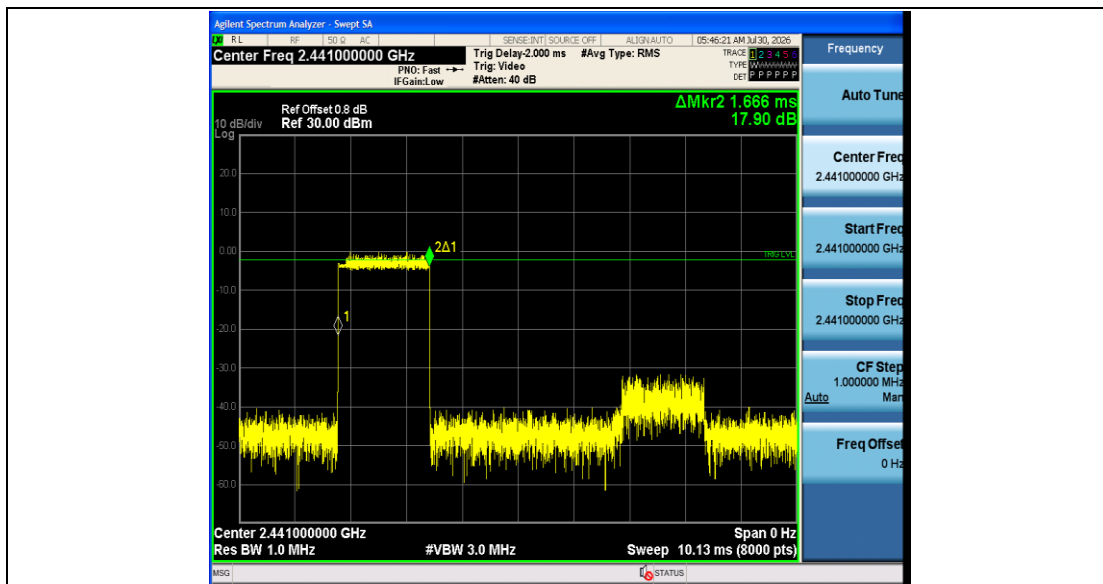




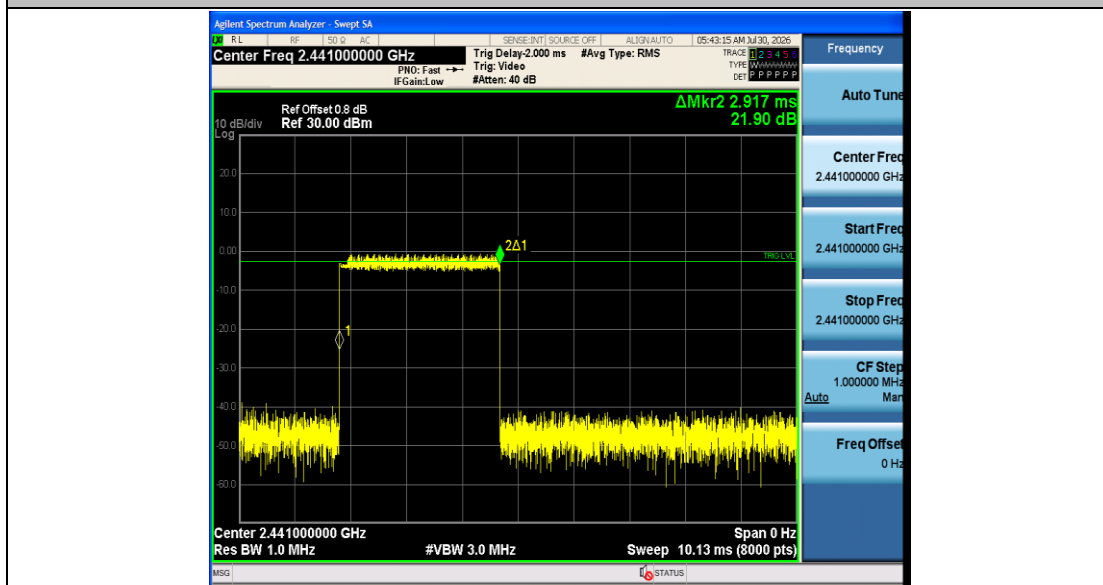
3DH1_Ant1_Hop

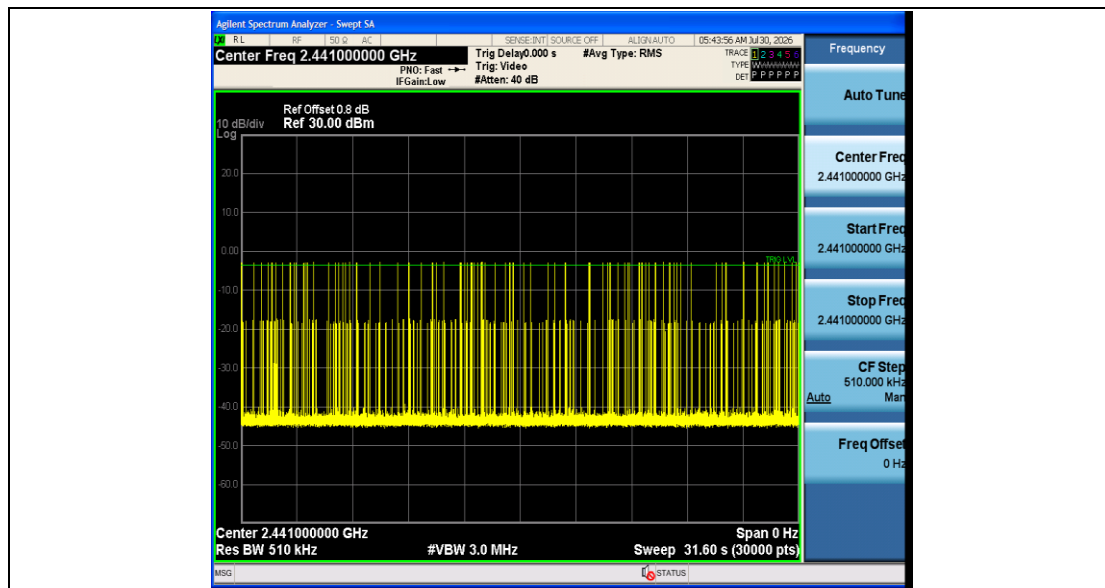


3DH3_Ant1_Hop



3DH5_Ant1_Hop



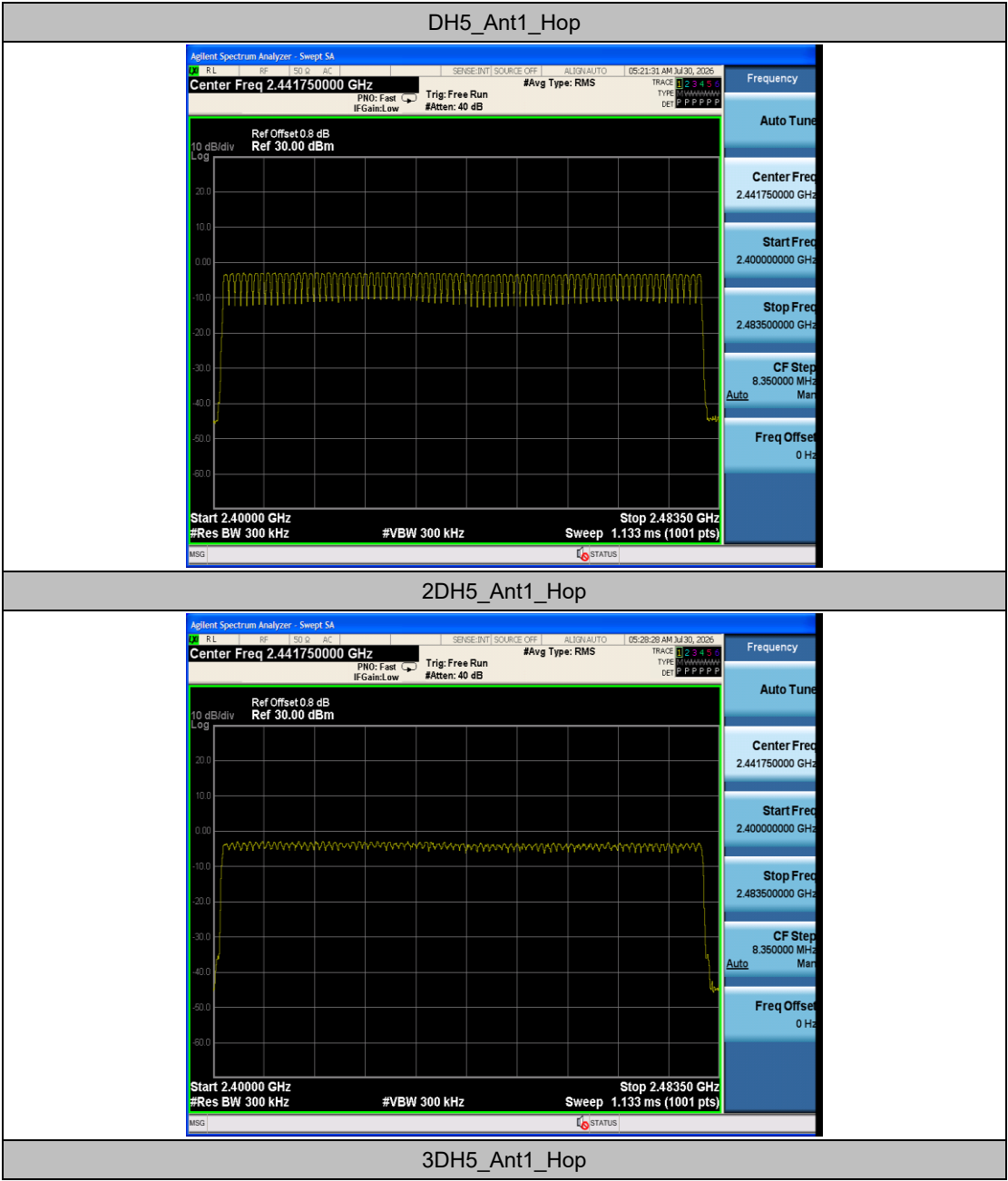


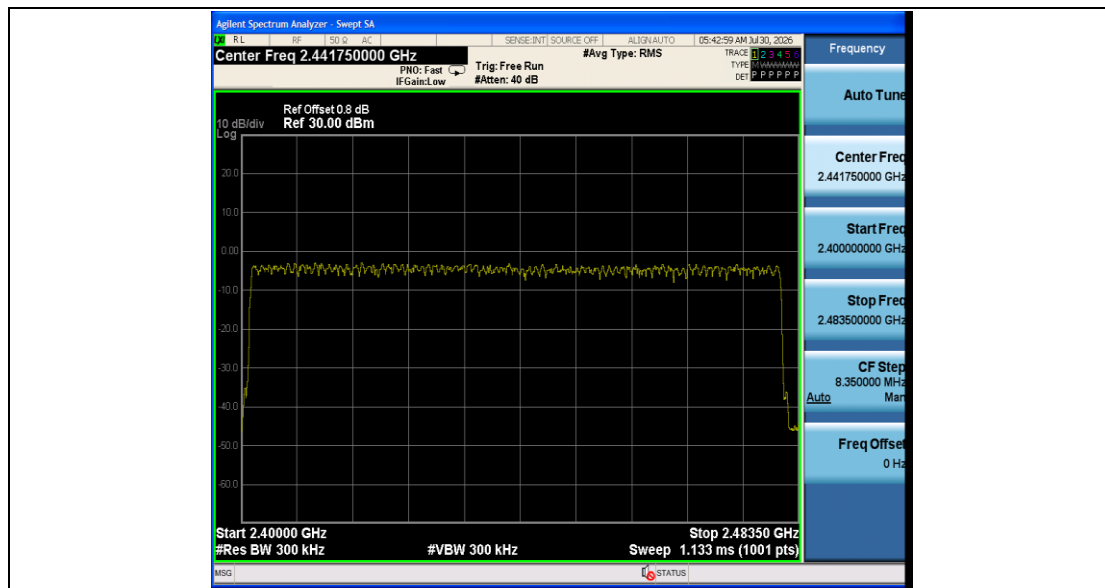
Appendix F: Number of hopping channels

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



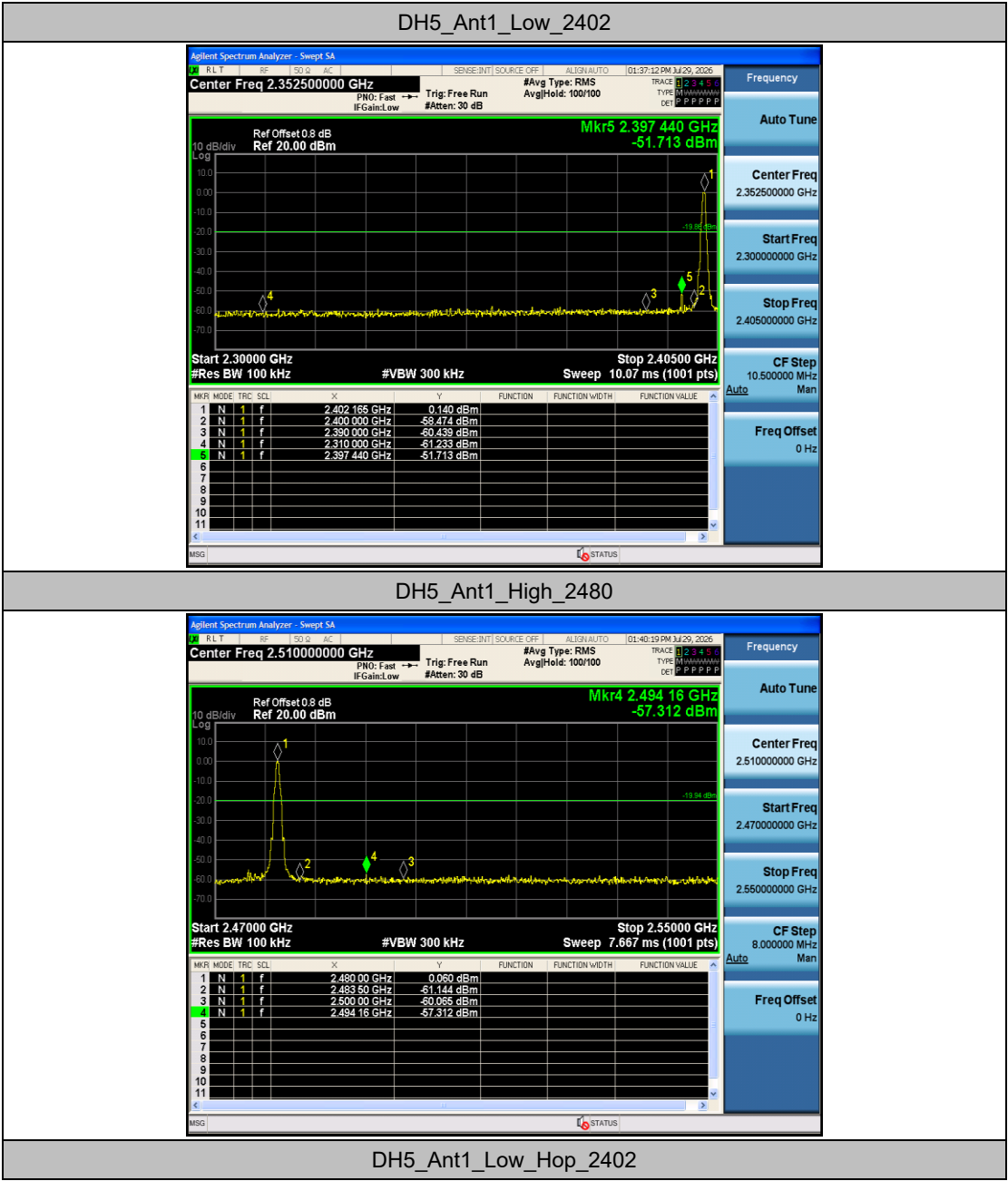


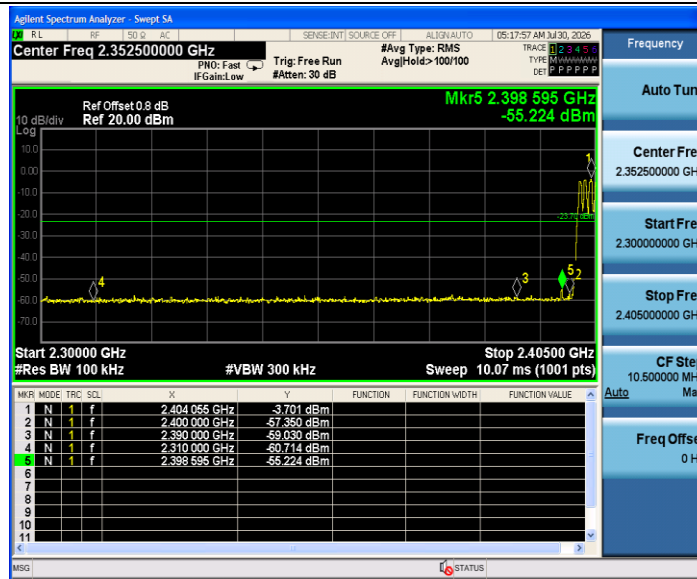
Appendix G: Band edge measurements

Test Result

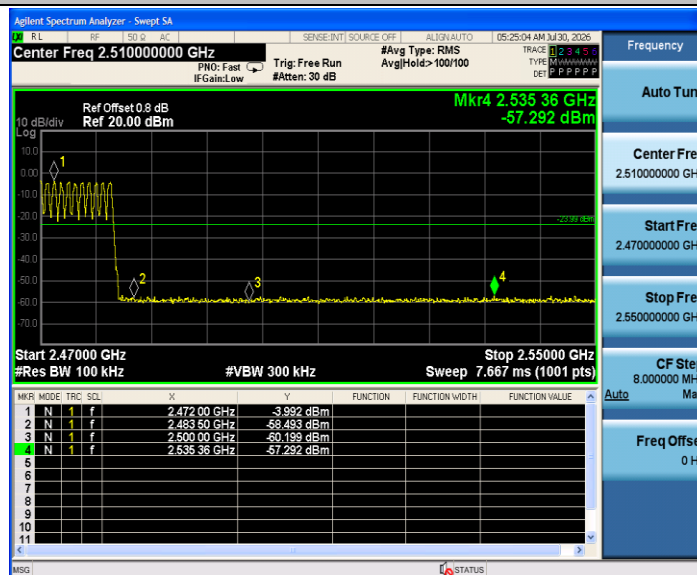
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.14	-51.71	≤ -19.86	PASS
		High	2480	0.06	-57.31	≤ -19.94	PASS
		Low	Hop_2402	-3.70	-55.22	≤ -23.7	PASS
		High	Hop_2480	-3.99	-57.29	≤ -23.99	PASS
2DH5	Ant1	Low	2402	-3.84	-55.9	≤ -23.84	PASS
		High	2480	-4.50	-57.22	≤ -24.5	PASS
		Low	Hop_2402	-3.48	-56.48	≤ -23.48	PASS
		High	Hop_2480	-3.38	-56.96	≤ -23.38	PASS
3DH5	Ant1	Low	2402	-3.91	-56.76	≤ -23.91	PASS
		High	2480	-3.48	-57.96	≤ -23.48	PASS
		Low	Hop_2402	-3.07	-56.93	≤ -23.07	PASS
		High	Hop_2480	-4.50	-56.27	≤ -24.5	PASS

Test Graphs

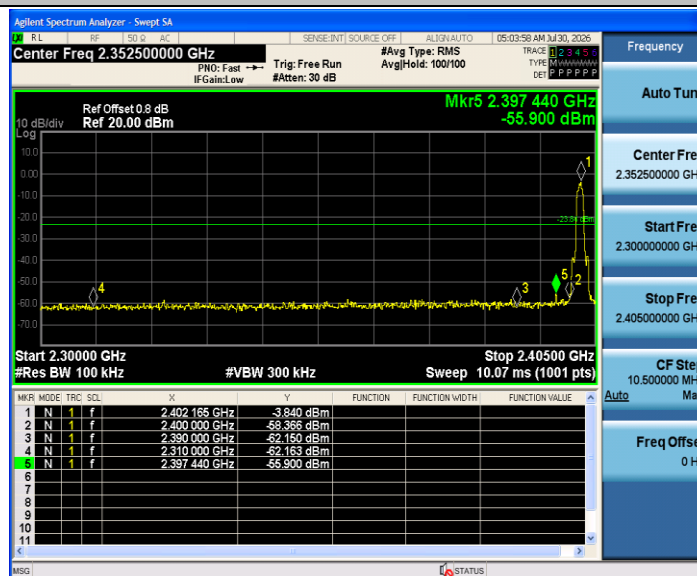




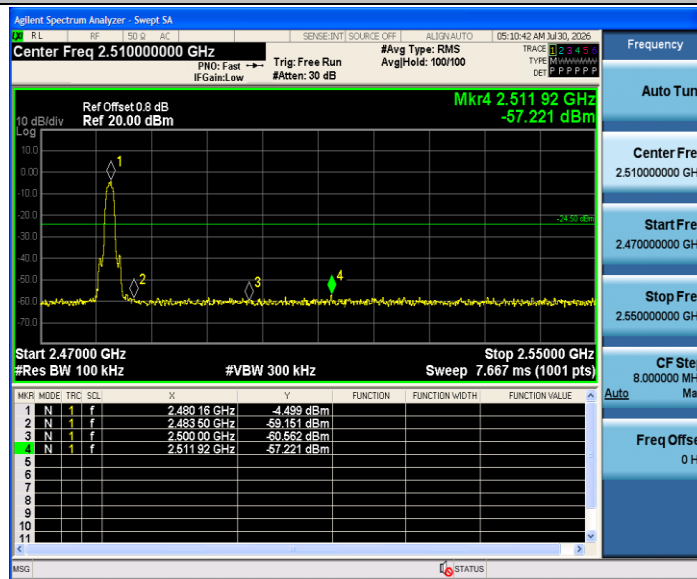
DH5_Ant1_High_Hop_2480



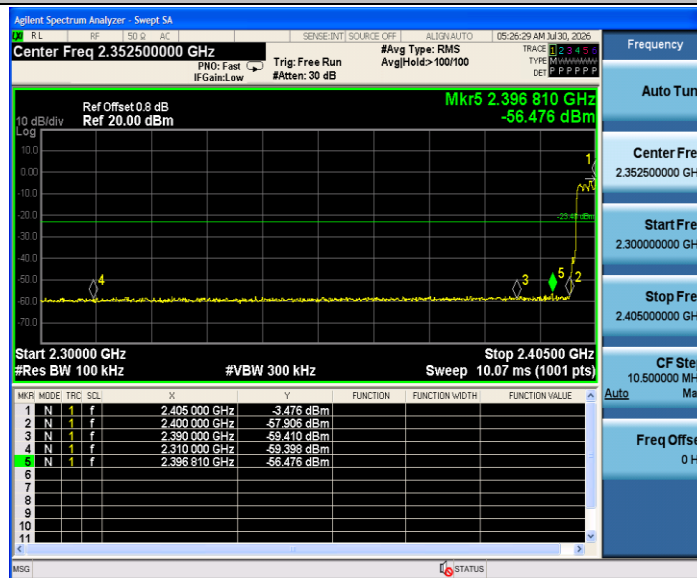
2DH5_Ant1_Low_2402



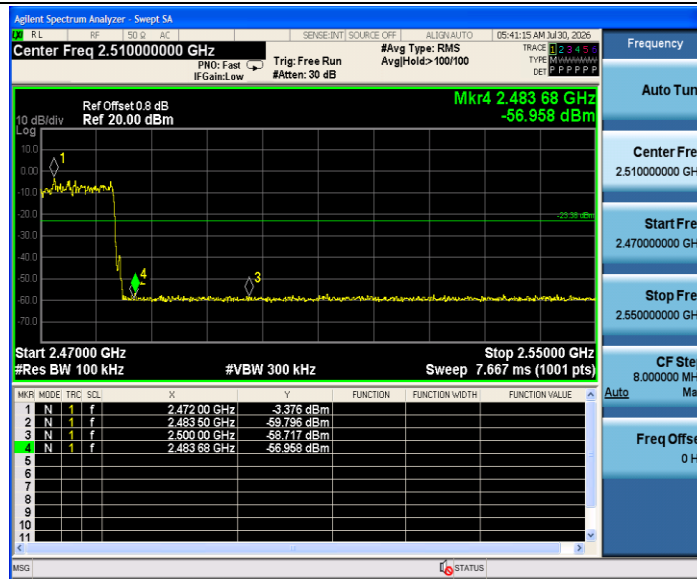
2DH5_Ant1_High_2480



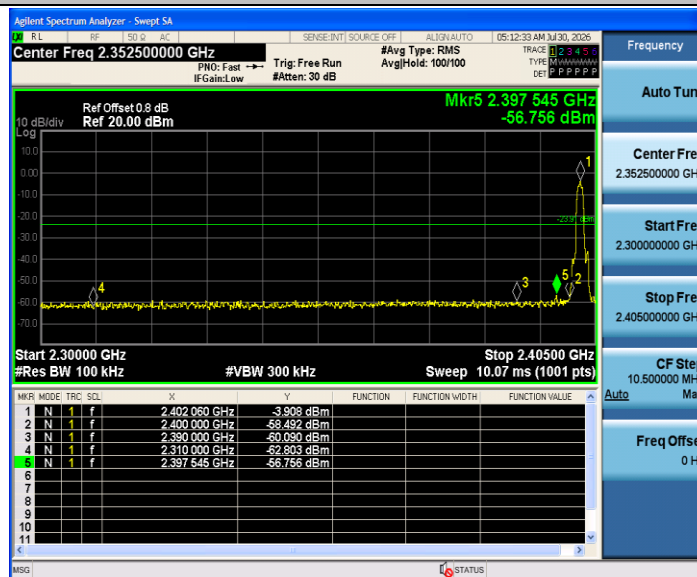
2DH5_Ant1_Low_Hop_2402



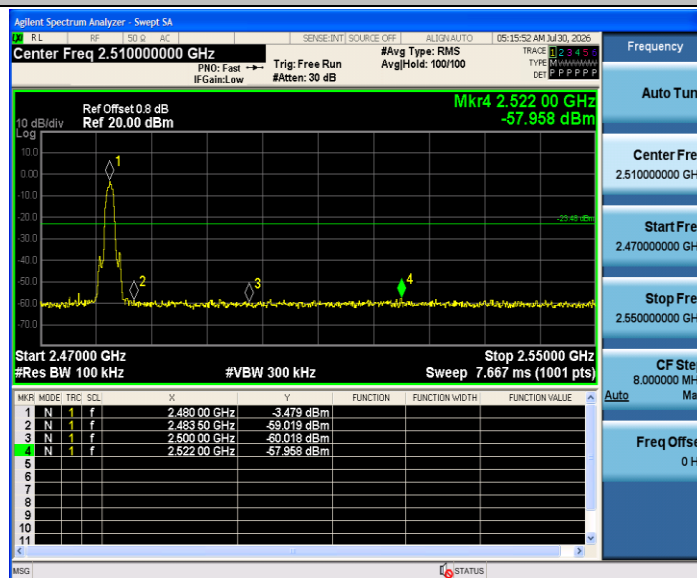
2DH5_Ant1_High_Hop_2480



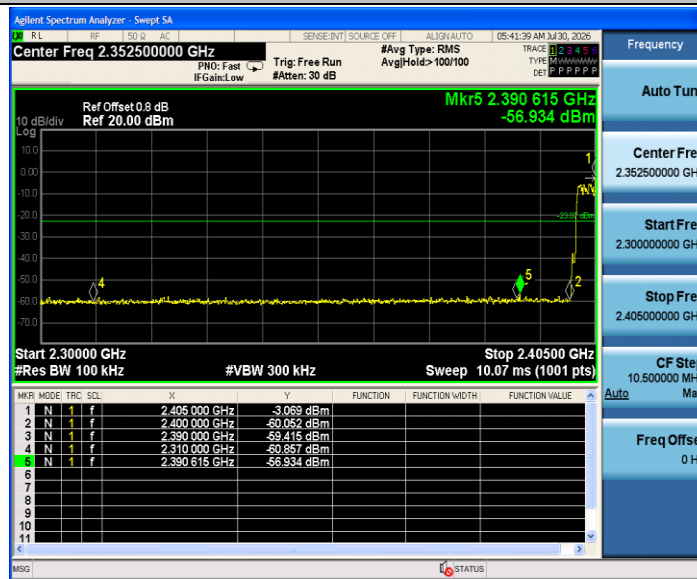
3DH5_Ant1_Low_2402



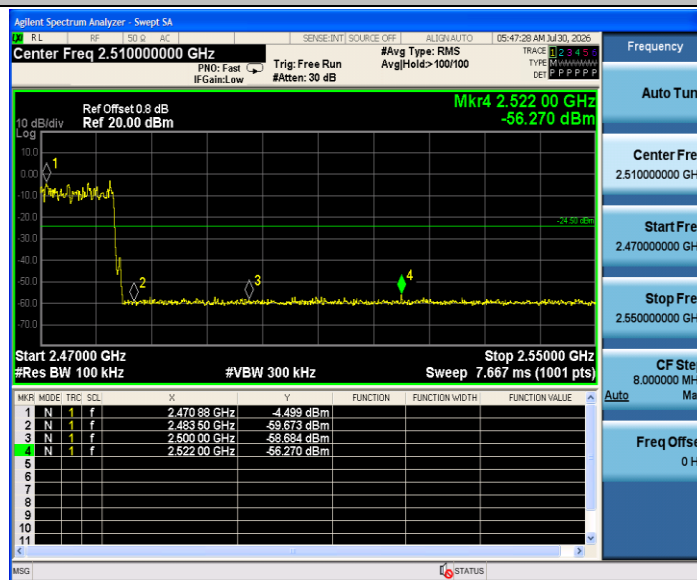
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

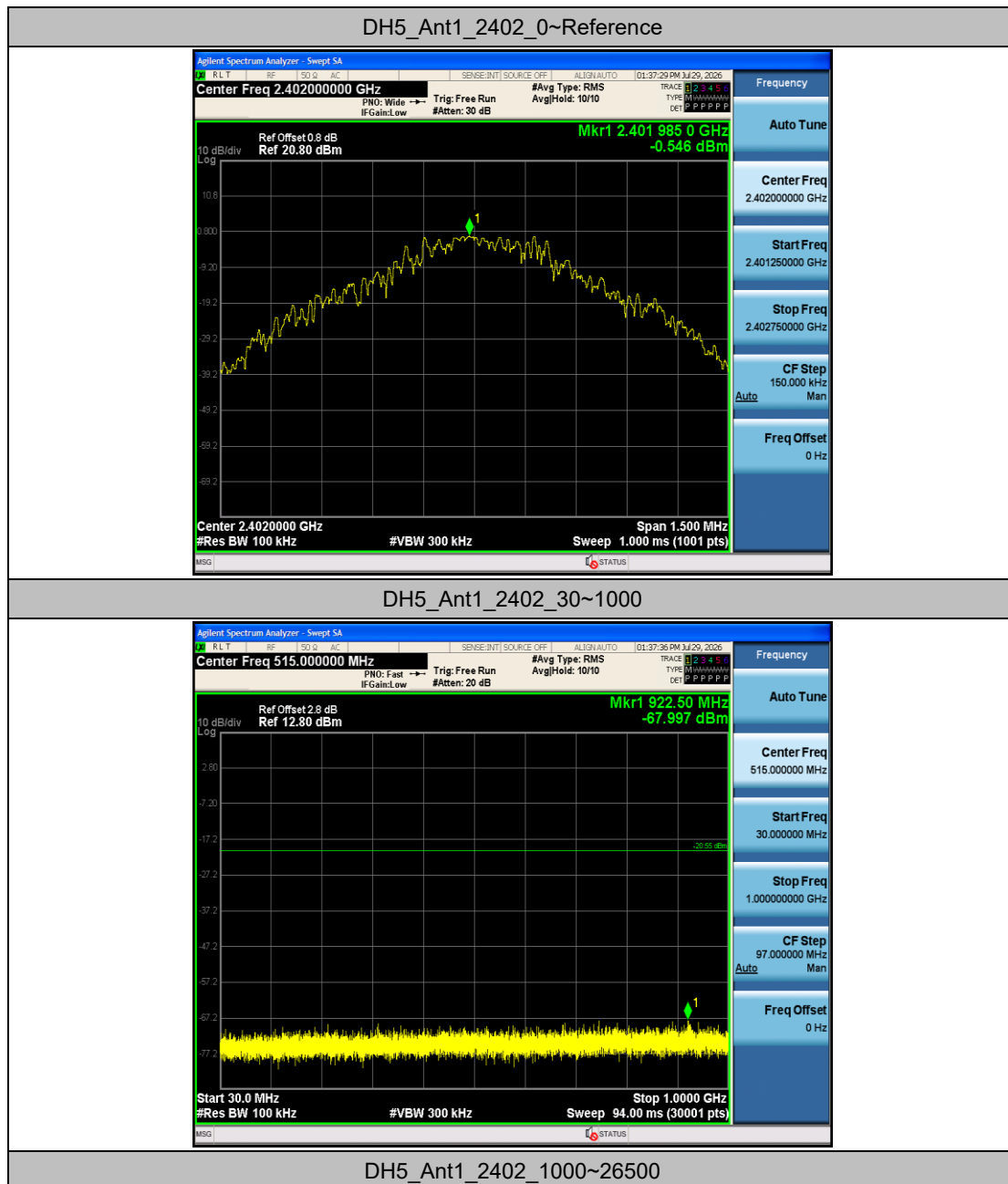


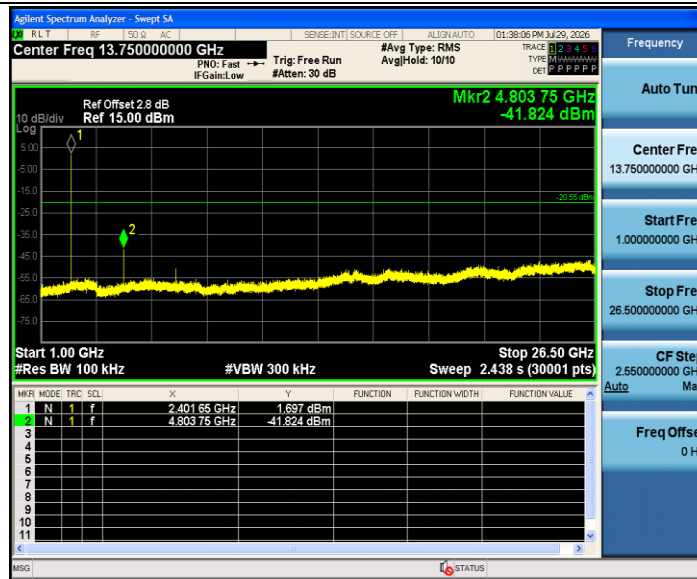
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.55	-0.55	---	PASS
			30~1000	-0.55	-68	≤-20.55	PASS
			1000~26500	-0.55	-41.82	≤-20.55	PASS
		2441	Reference	-0.71	-0.71	---	PASS
			30~1000	-0.71	-68.74	≤-20.71	PASS
			1000~26500	-0.71	-44.49	≤-20.71	PASS
		2480	Reference	-1.12	-1.12	---	PASS
			30~1000	-1.12	-67.26	≤-21.12	PASS
			1000~26500	-1.12	-43.95	≤-21.12	PASS
2DH5	Ant1	2402	Reference	-6.35	-6.35	---	PASS
			30~1000	-6.35	-68.55	≤-26.35	PASS
			1000~26500	-6.35	-47.29	≤-26.35	PASS
		2441	Reference	-4.33	-4.33	---	PASS
			30~1000	-4.33	-68.21	≤-24.33	PASS
			1000~26500	-4.33	-46.88	≤-24.33	PASS
		2480	Reference	-3.50	-3.50	---	PASS
			30~1000	-3.50	-67.21	≤-23.5	PASS
			1000~26500	-3.50	-45.98	≤-23.5	PASS
3DH5	Ant1	2402	Reference	-3.74	-3.74	---	PASS
			30~1000	-3.74	-69.3	≤-23.74	PASS
			1000~26500	-3.74	-44.93	≤-23.74	PASS
		2441	Reference	-6.25	-6.25	---	PASS
			30~1000	-6.25	-68.54	≤-26.25	PASS
			1000~26500	-6.25	-47.18	≤-26.25	PASS
		2480	Reference	-5.07	-5.07	---	PASS
			30~1000	-5.07	-68.23	≤-25.07	PASS
			1000~26500	-5.07	-46.91	≤-25.07	PASS

Test Graphs

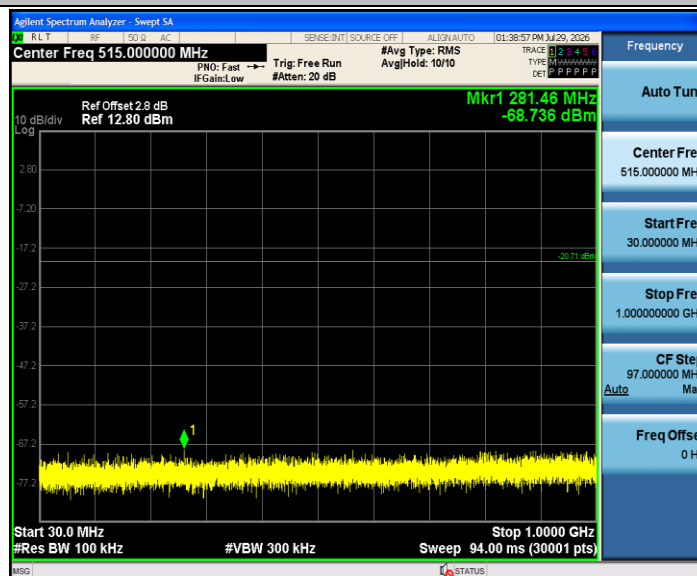




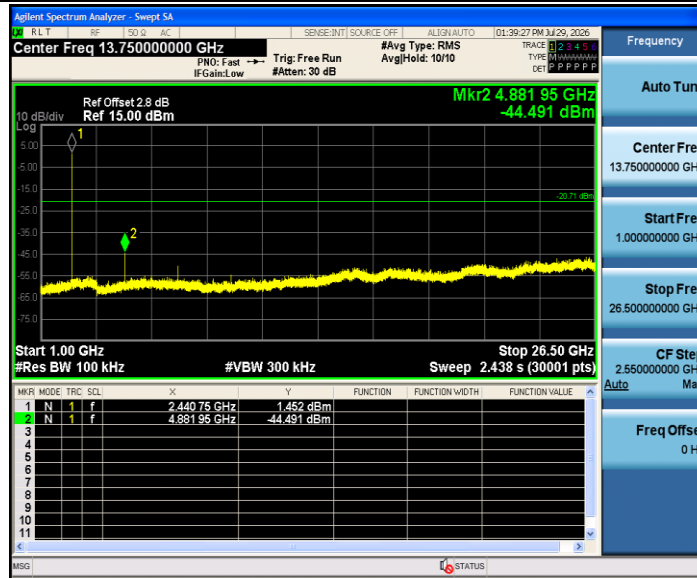
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



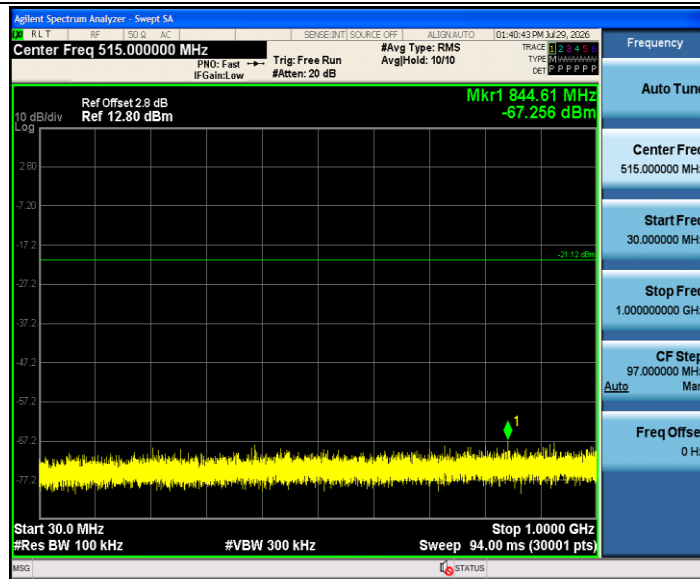
DH5_Ant1_2441_1000~26500



DH5_Ant1_2480_0~Reference



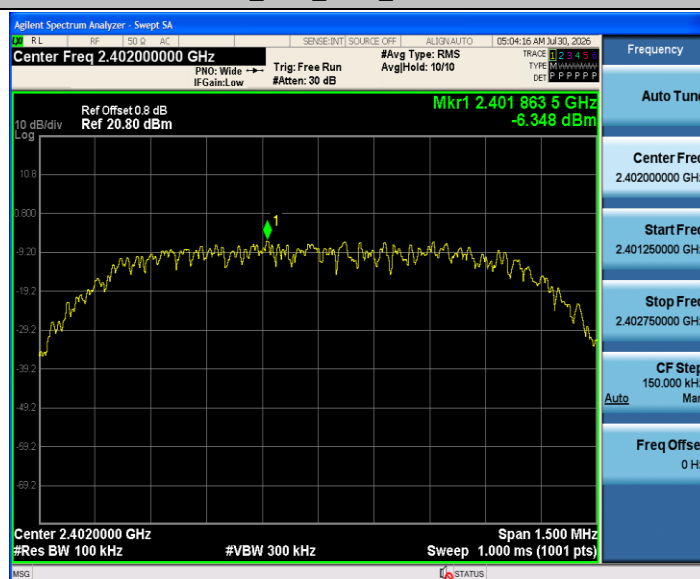
DH5_Ant1_2480_30~1000



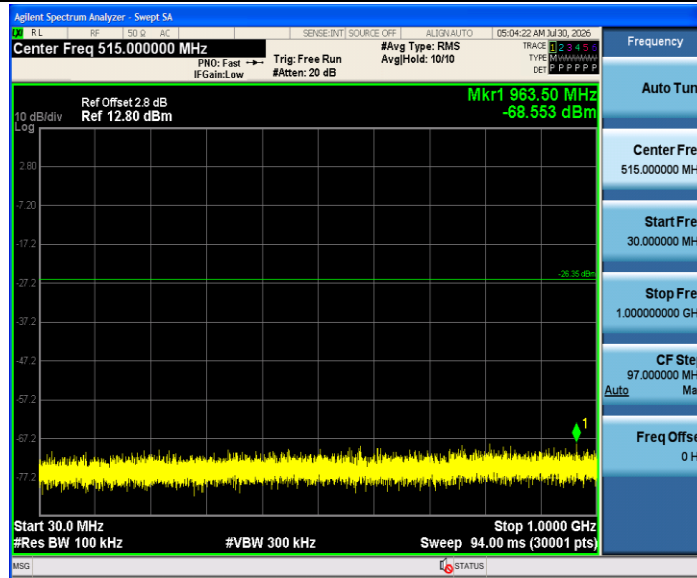
DH5_Ant1_2480_1000~26500



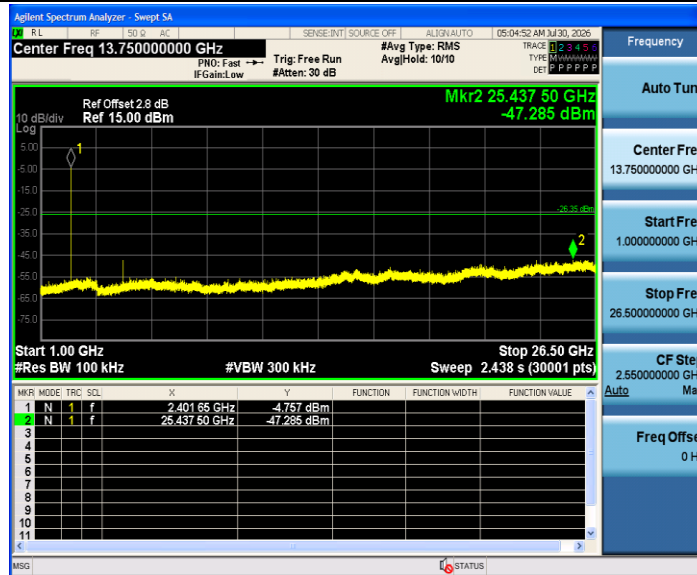
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference