

FCC Appendix RF Test Data for BT

FCC ID : 2BW3U-MS-10-CM5-B

Company : MYPLAYER LTD

EUT : MY TOUCH T10

Model Number : MS-10-CM5-B

Report No. : CTA26061602502

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	0.960	2440.544	2441.504	---	---
		2480	0.882	2479.550	2480.432	---	---
2DH5	Ant1	2402	1.344	2401.337	2402.681	---	---
		2441	1.296	2440.373	2441.669	---	---
		2480	1.290	2479.376	2480.666	---	---
3DH5	Ant1	2402	1.281	2401.373	2402.654	---	---
		2441	1.314	2440.355	2441.669	---	---
		2480	1.281	2479.373	2480.654	---	---

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	0.87576	2401.5745	2402.4503	---	---
		2441	0.87025	2440.5765	2441.4468	---	---
		2480	0.86885	2479.5754	2480.4443	---	---
2DH5	Ant1	2402	1.1985	2401.4098	2402.6083	---	---
		2441	1.1995	2440.4114	2441.6109	---	---
		2480	1.1785	2479.4204	2480.5989	---	---
3DH5	Ant1	2402	1.1899	2401.4169	2402.6068	---	---
		2441	1.1944	2440.4125	2441.6069	---	---
		2480	1.1866	2479.4215	2480.6081	---	---

Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



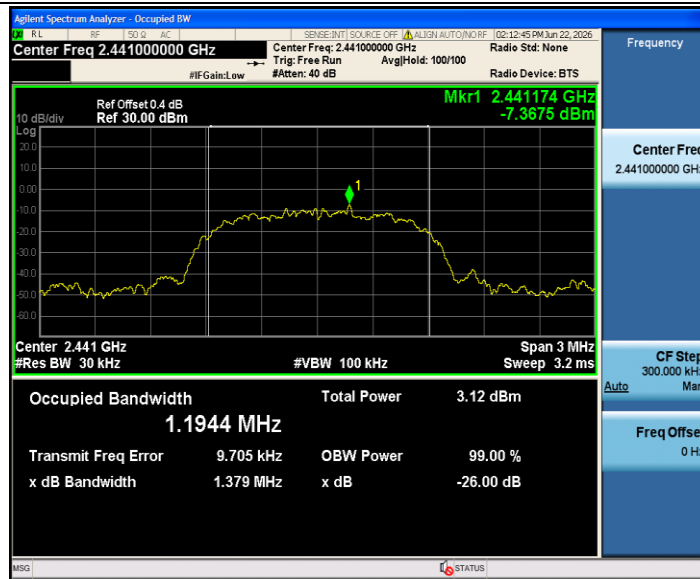
2DH5_Ant1_2480



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	-3.48	≤20.97	PASS
		2441	-3.54	≤20.97	PASS
		2480	-3.80	≤20.97	PASS
2DH5	Ant1	2402	-0.87	≤20.97	PASS
		2441	-0.92	≤20.97	PASS
		2480	-1.20	≤20.97	PASS
3DH5	Ant1	2402	-0.41	≤20.97	PASS
		2441	-0.55	≤20.97	PASS
		2480	-0.83	≤20.97	PASS

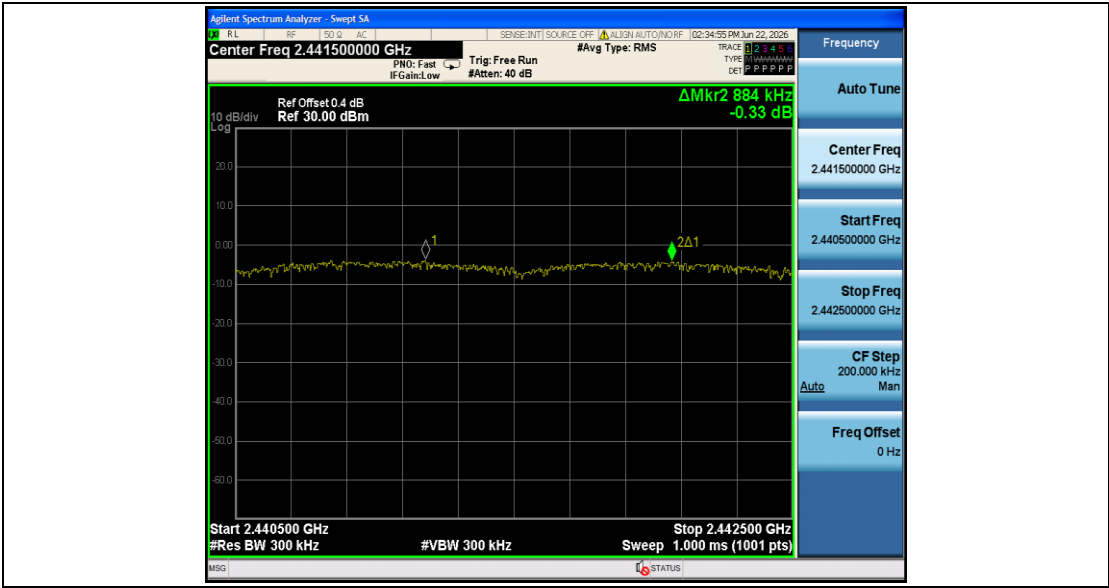
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.02	≥ 0.960	PASS
2DH5	Ant1	Hop	0.984	≥ 0.896	PASS
3DH5	Ant1	Hop	0.884	≥ 0.876	PASS

Test Graphs



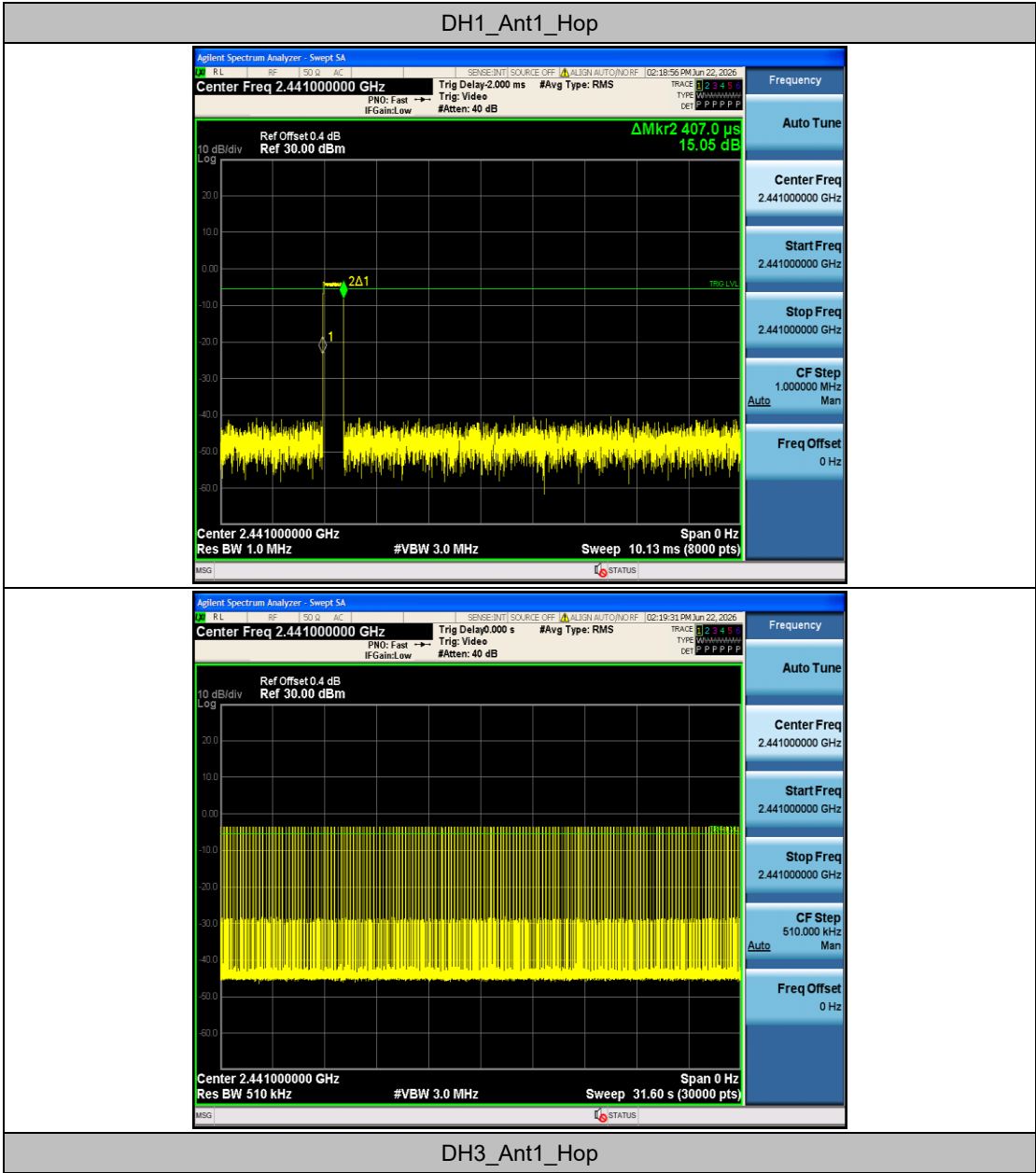


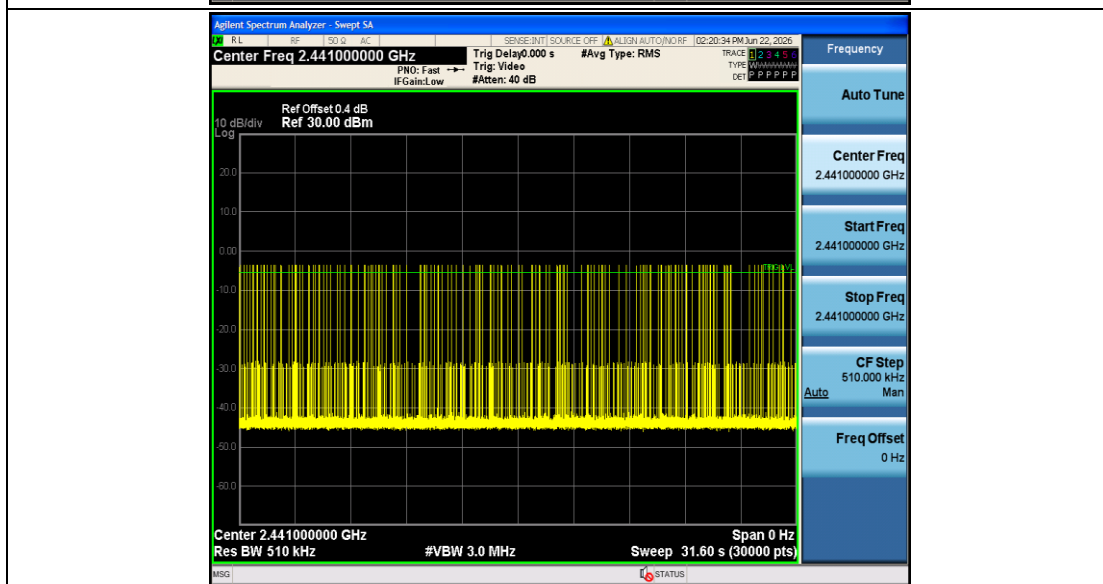
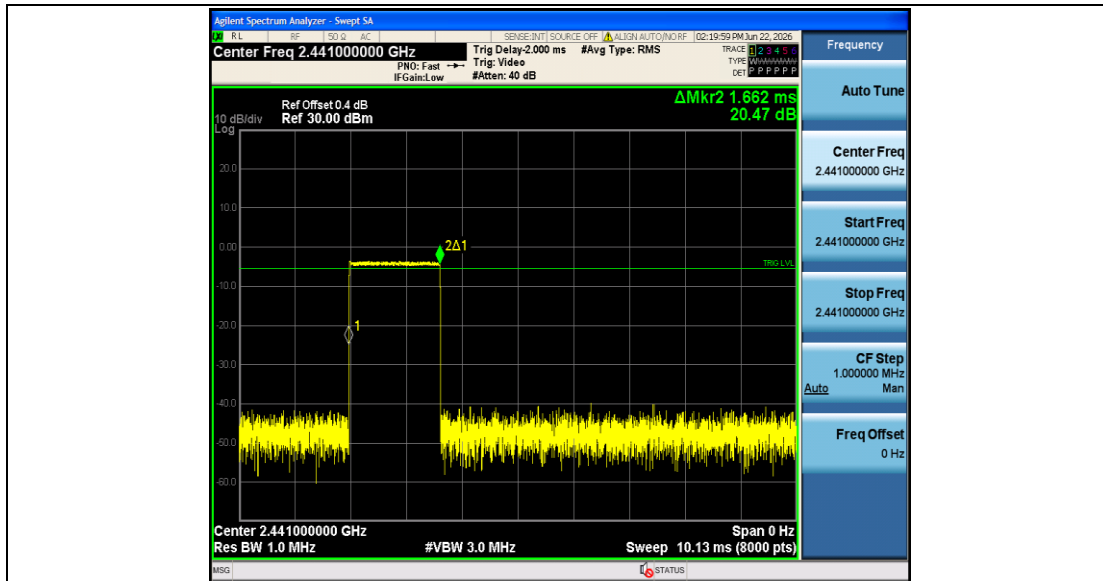
Appendix E: Time of occupancy

Test Result

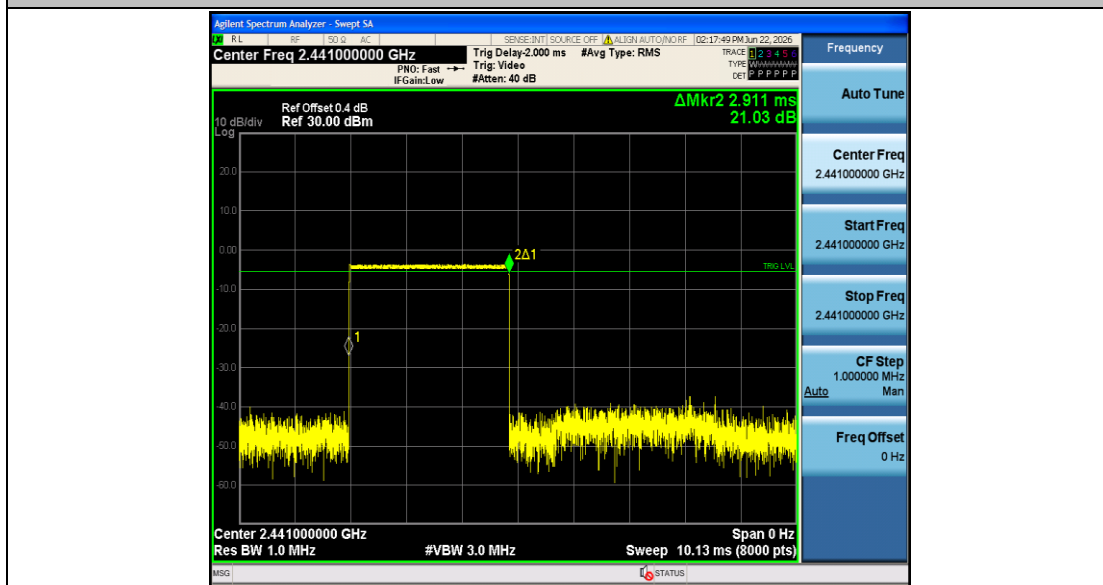
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.407	318	0.129	≤0.4	PASS
DH3	Ant1	Hop	1.662	154	0.256	≤0.4	PASS
DH5	Ant1	Hop	2.911	112	0.326	≤0.4	PASS
2DH1	Ant1	Hop	0.417	316	0.132	≤0.4	PASS
2DH3	Ant1	Hop	1.668	163	0.272	≤0.4	PASS
2DH5	Ant1	Hop	2.916	107	0.312	≤0.4	PASS
3DH1	Ant1	Hop	0.415	320	0.133	≤0.4	PASS
3DH3	Ant1	Hop	1.666	156	0.26	≤0.4	PASS
3DH5	Ant1	Hop	2.916	108	0.315	≤0.4	PASS

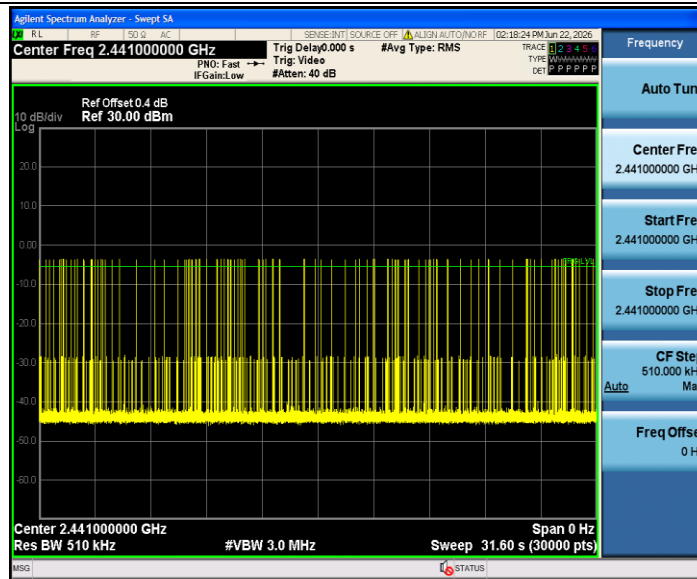
Test Graphs



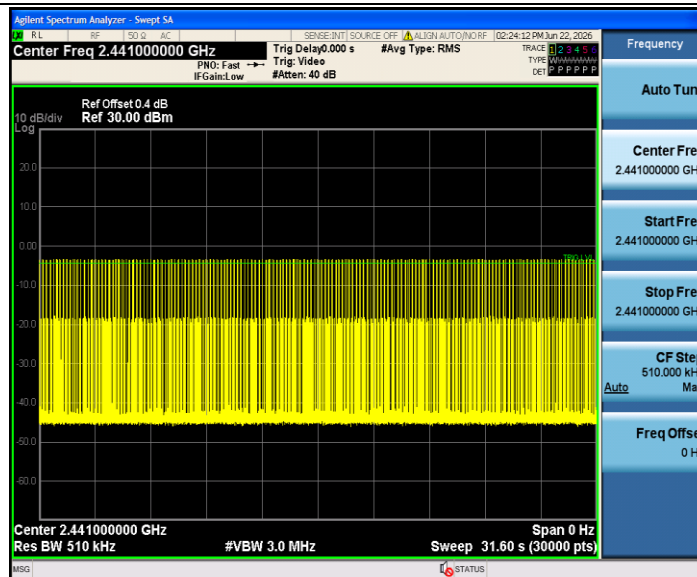
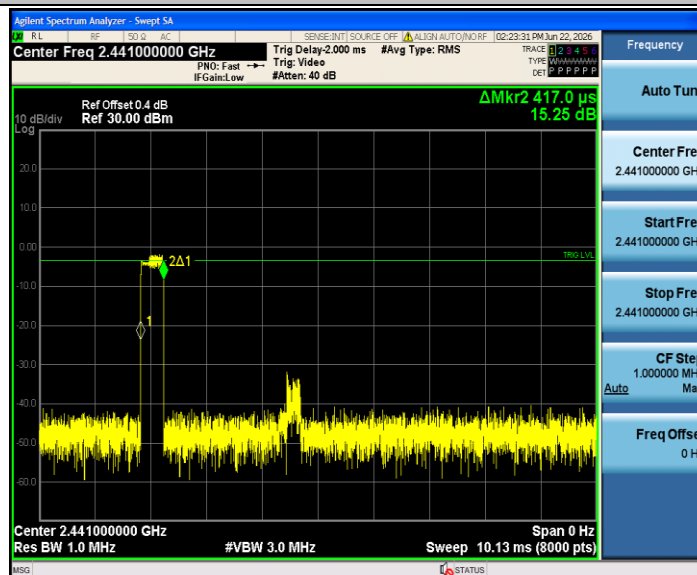


DH5_Ant1_Hop

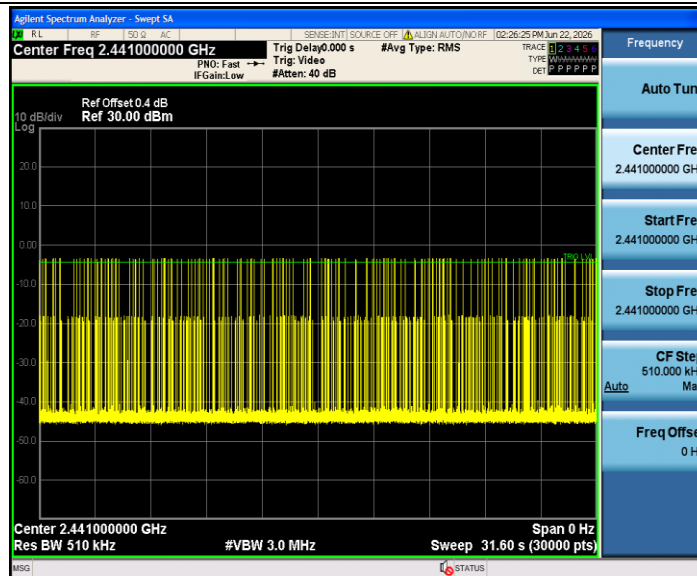
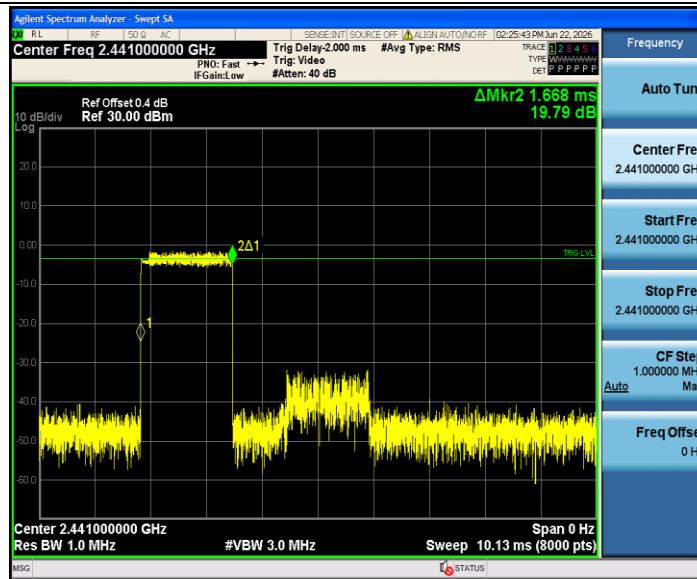




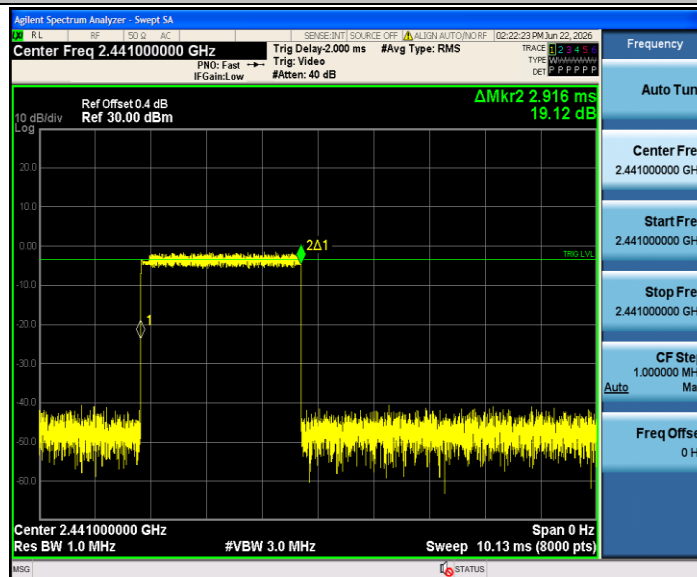
2DH1_Ant1_Hop

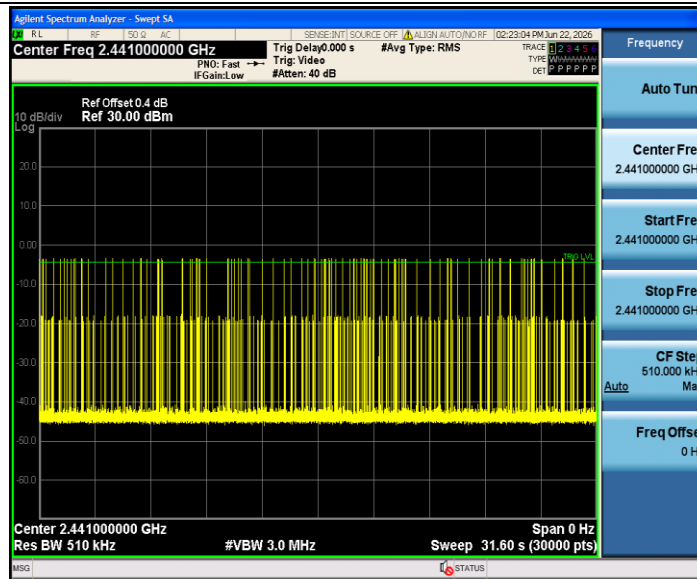


2DH3_Ant1_Hop

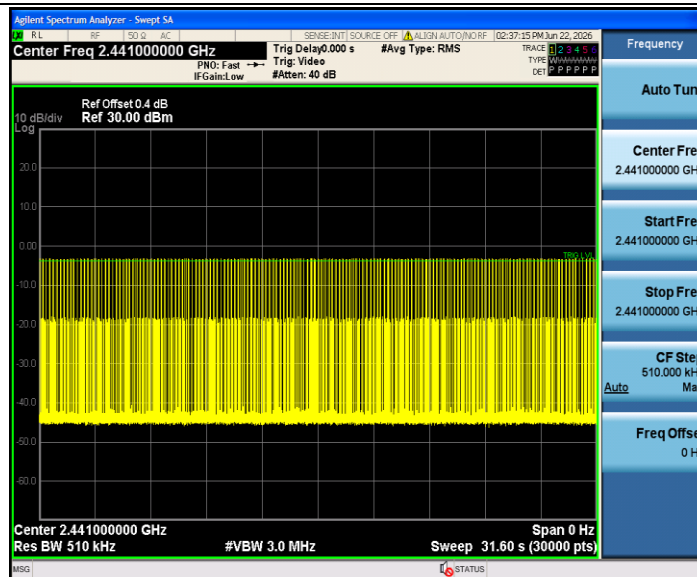
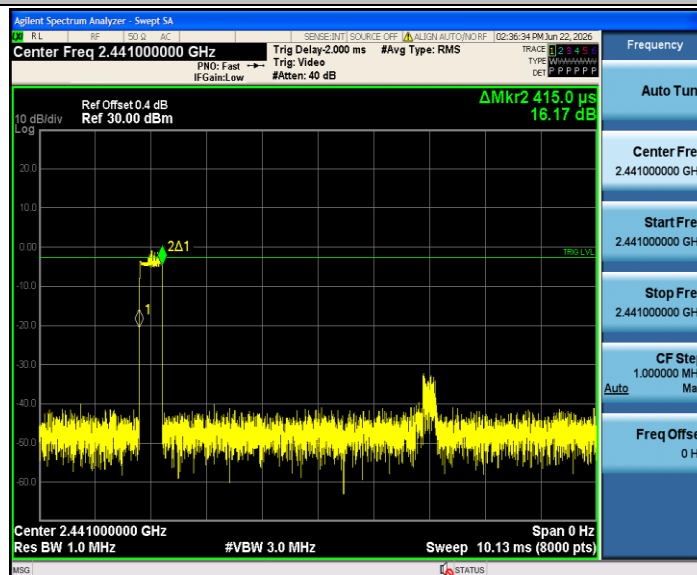


2DH5_Ant1_Hop

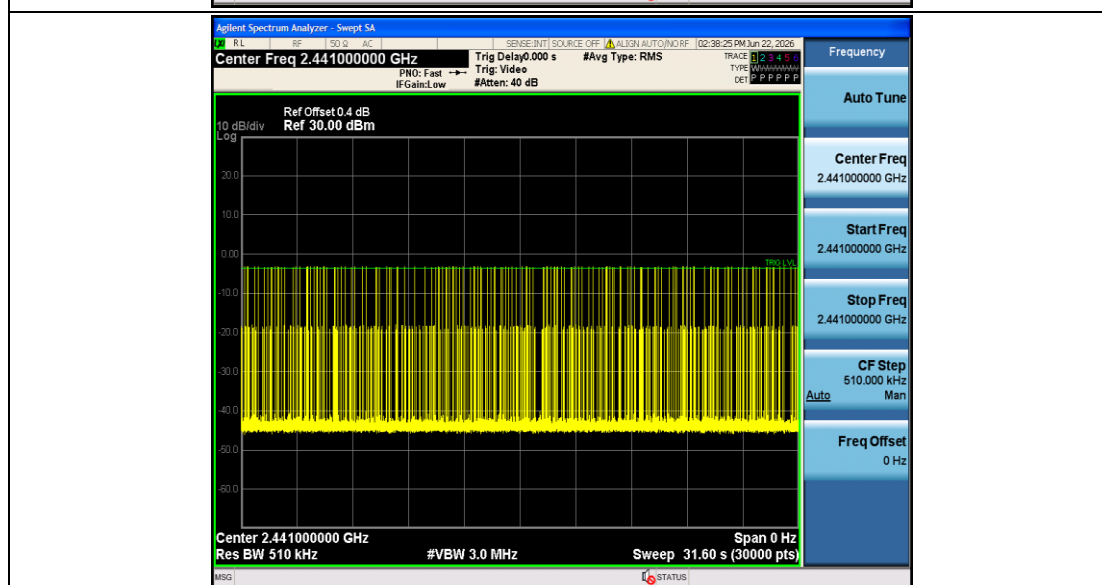
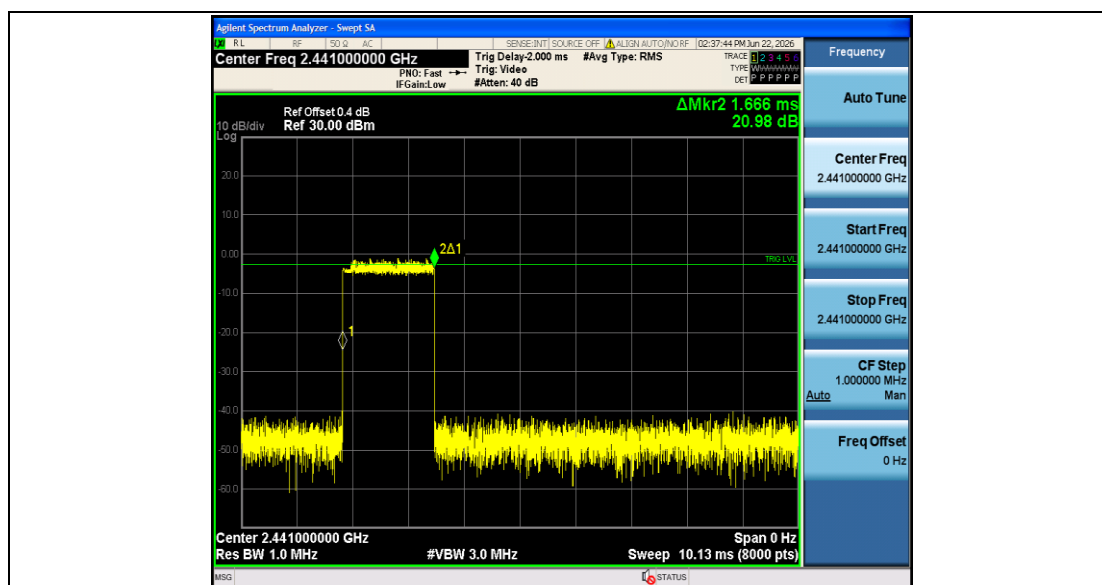




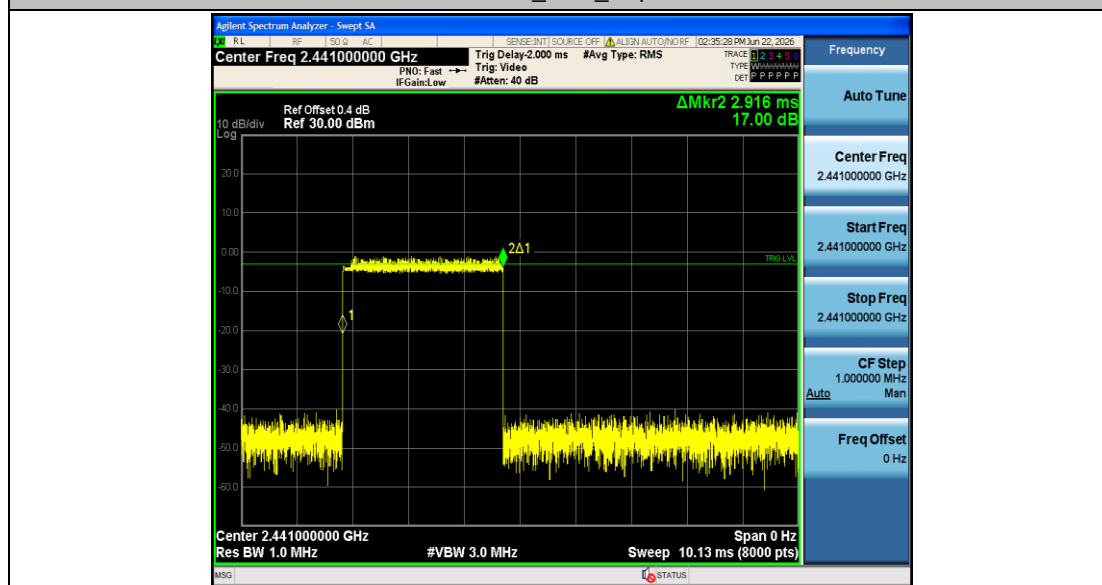
3DH1_Ant1_Hop

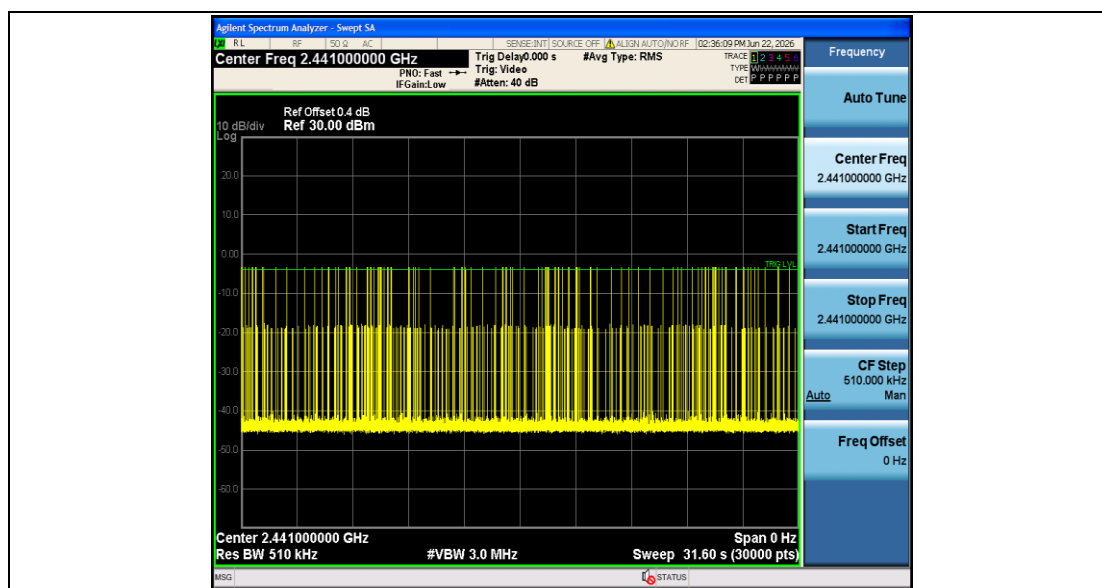


3DH3_Ant1_Hop



3DH5_Ant1_Hop



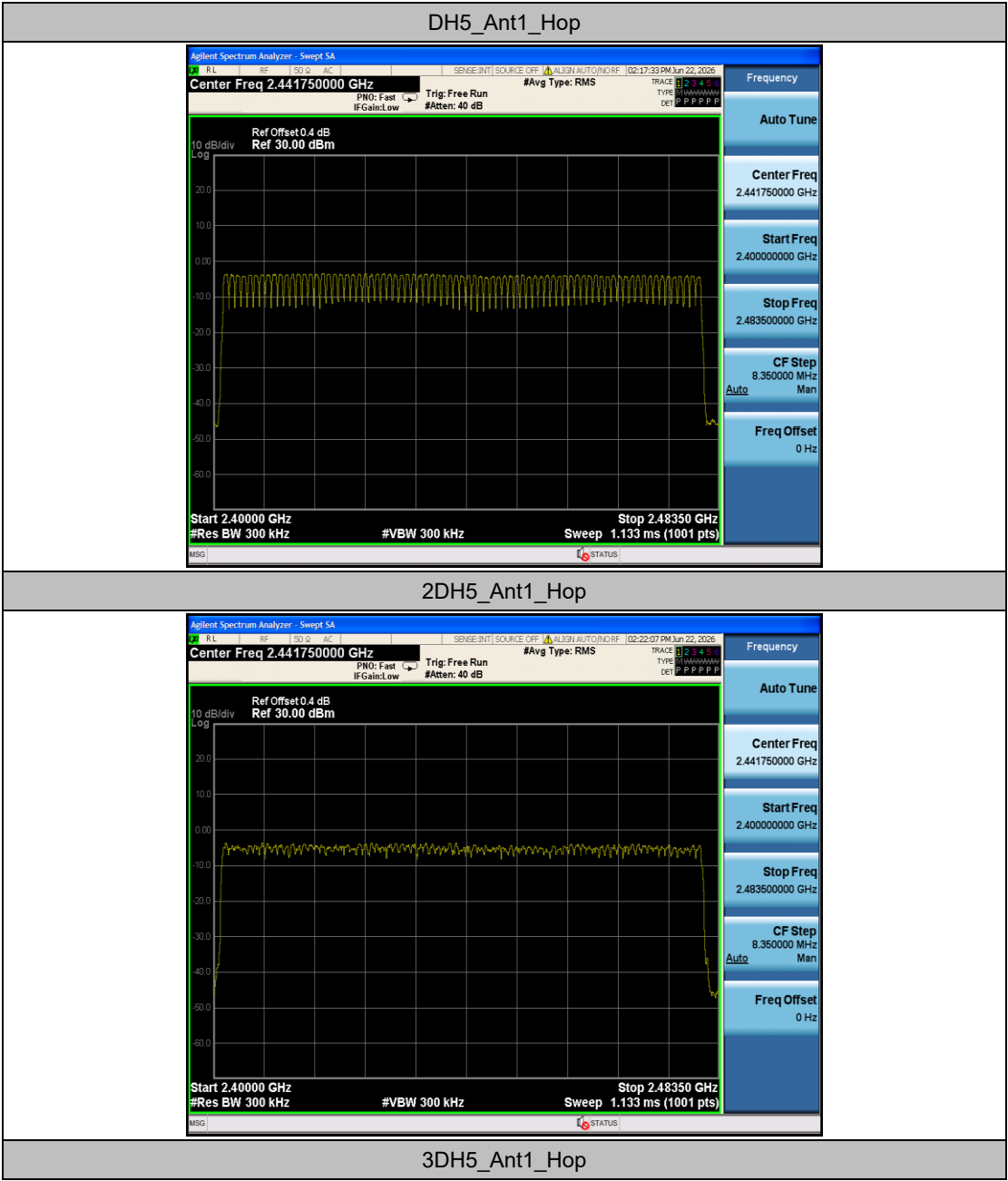


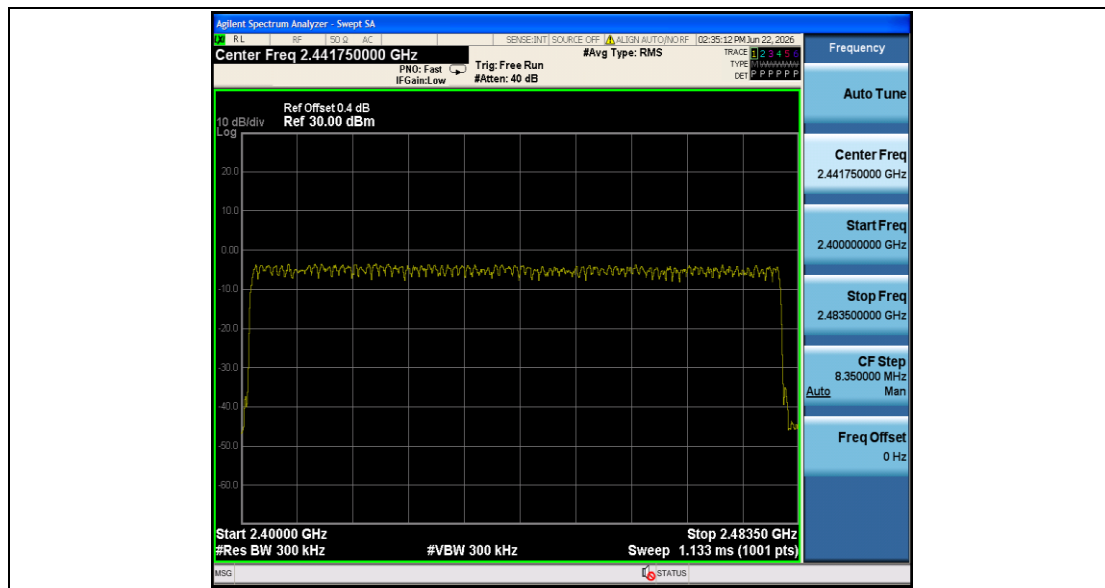
Appendix F: Number of hopping channels

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



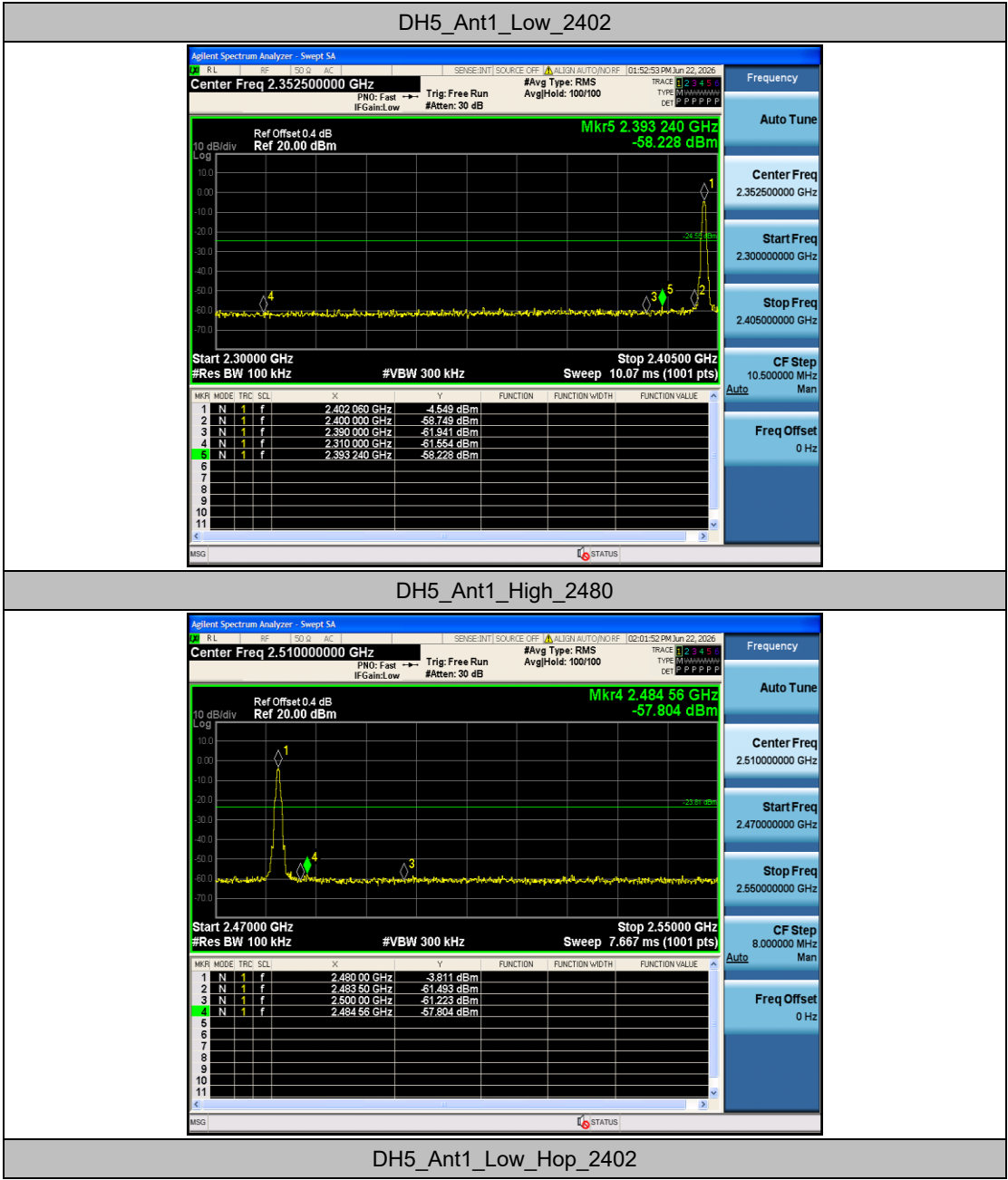


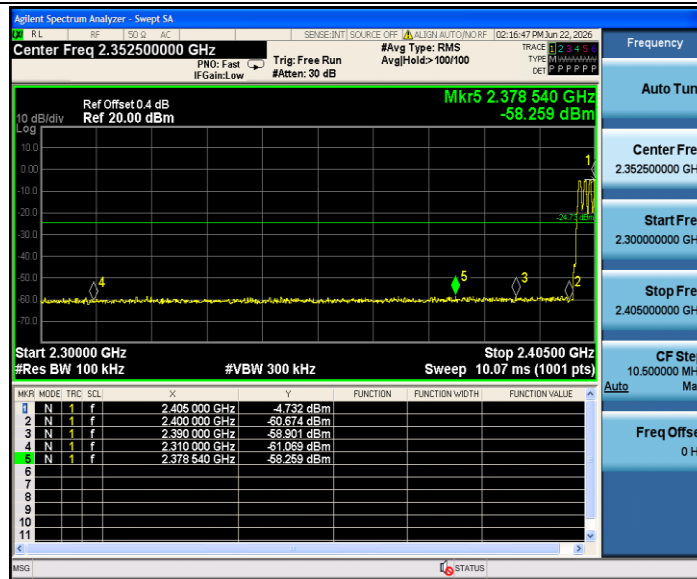
Appendix G: Band edge measurements

Test Result

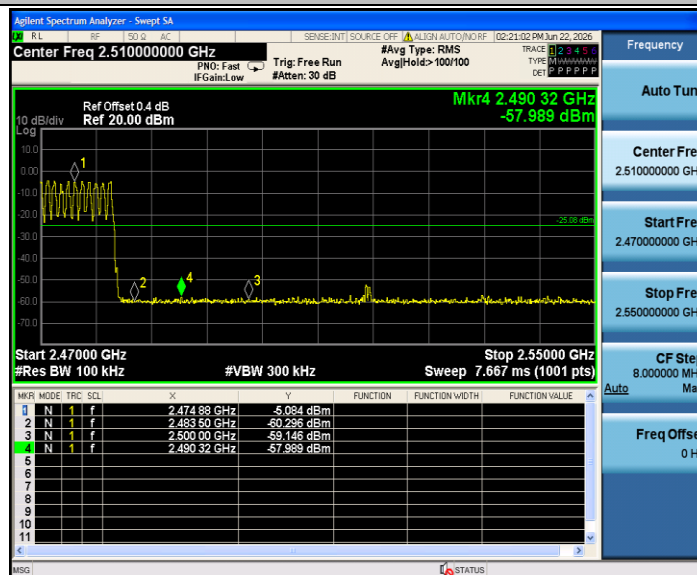
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.55	-58.23	≤ -24.55	PASS
		High	2480	-3.81	-57.8	≤ -23.81	PASS
		Low	Hop_2402	-4.73	-58.26	≤ -24.73	PASS
		High	Hop_2480	-5.08	-57.99	≤ -25.08	PASS
2DH5	Ant1	Low	2402	-4.57	-58.25	≤ -24.57	PASS
		High	2480	-4.68	-57.53	≤ -24.68	PASS
		Low	Hop_2402	-4.60	-57.76	≤ -24.6	PASS
		High	Hop_2480	-3.97	-57.55	≤ -23.97	PASS
3DH5	Ant1	Low	2402	-3.64	-58.1	≤ -23.64	PASS
		High	2480	-3.93	-56.86	≤ -23.93	PASS
		Low	Hop_2402	-6.77	-57.64	≤ -26.77	PASS
		High	Hop_2480	-8.47	-57.43	≤ -28.47	PASS

Test Graphs

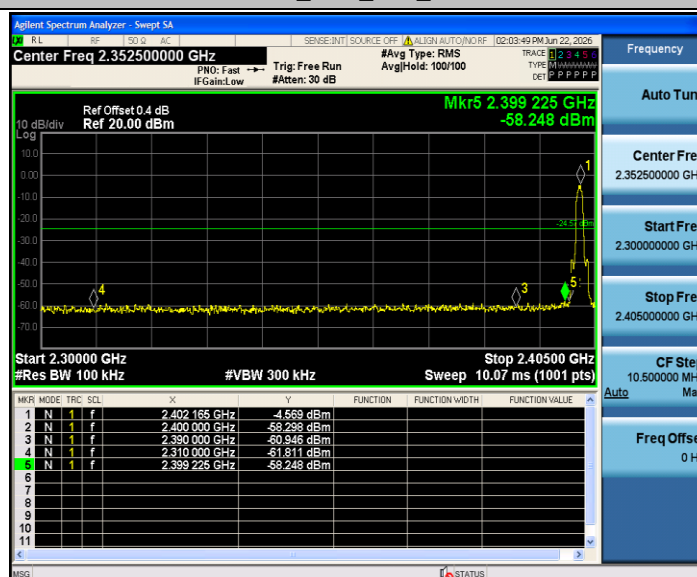




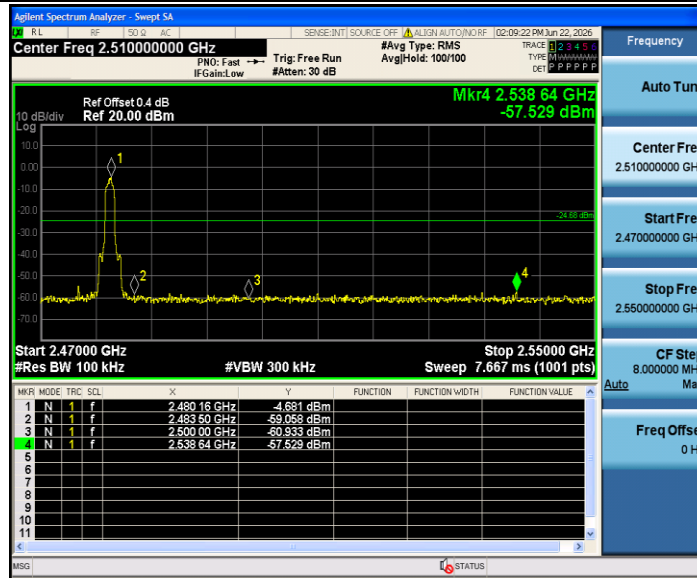
DH5_Ant1_High_Hop_2480



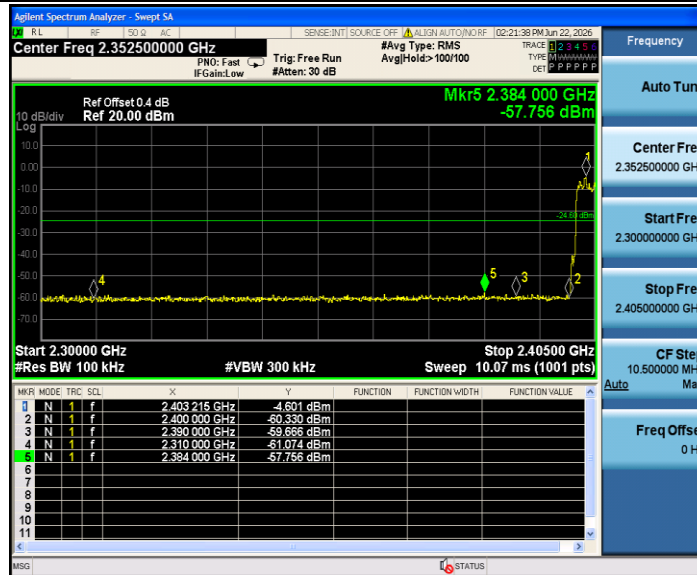
2DH5_Ant1_Low_2402



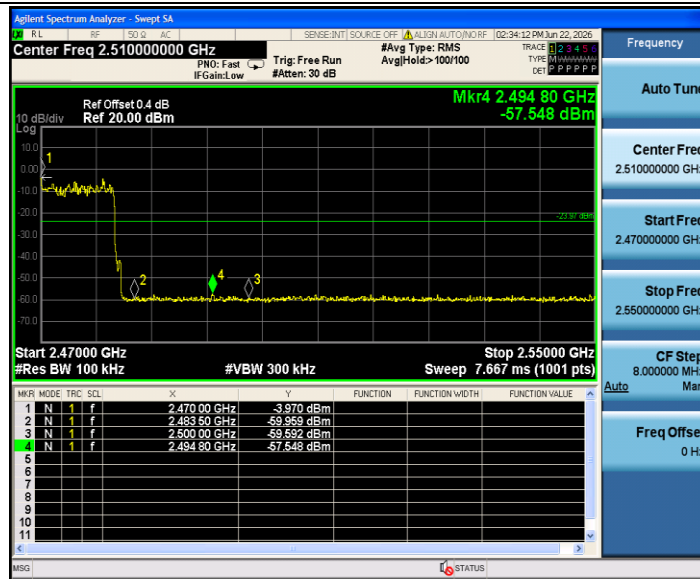
2DH5_Ant1_High_2480



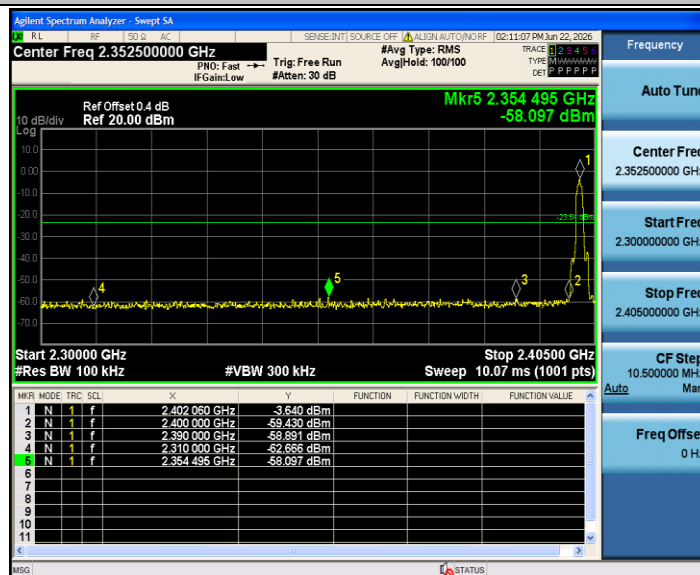
2DH5_Ant1_Low_Hop_2402



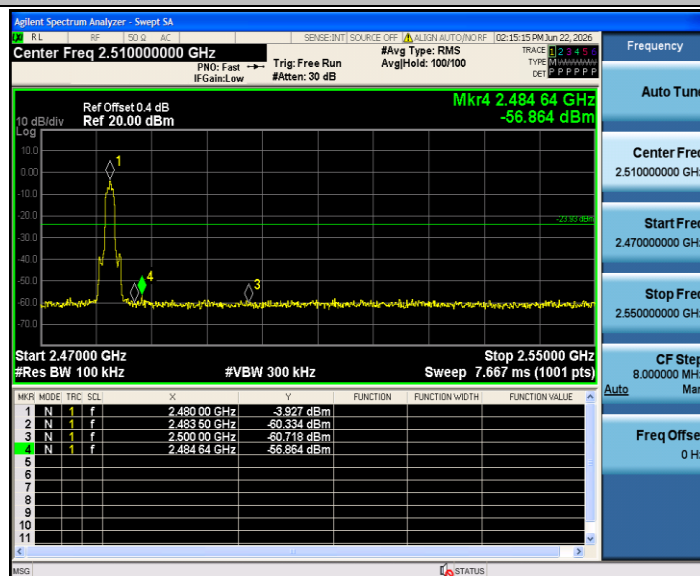
2DH5_Ant1_High_Hop_2480



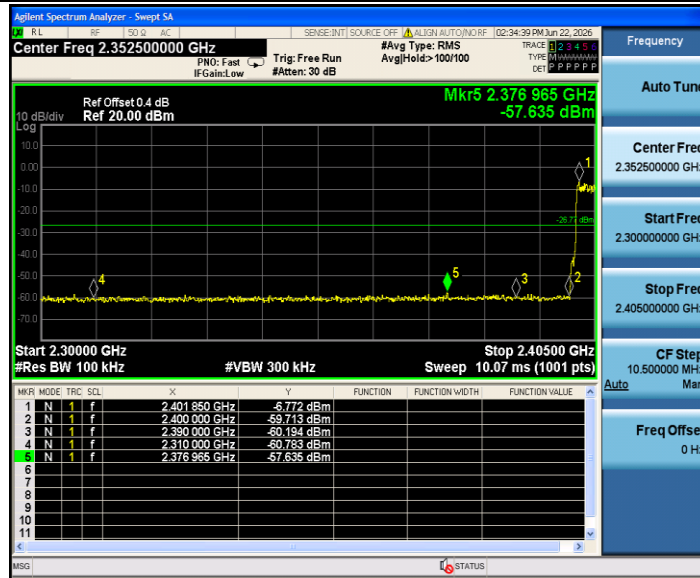
3DH5_Ant1_Low_2402



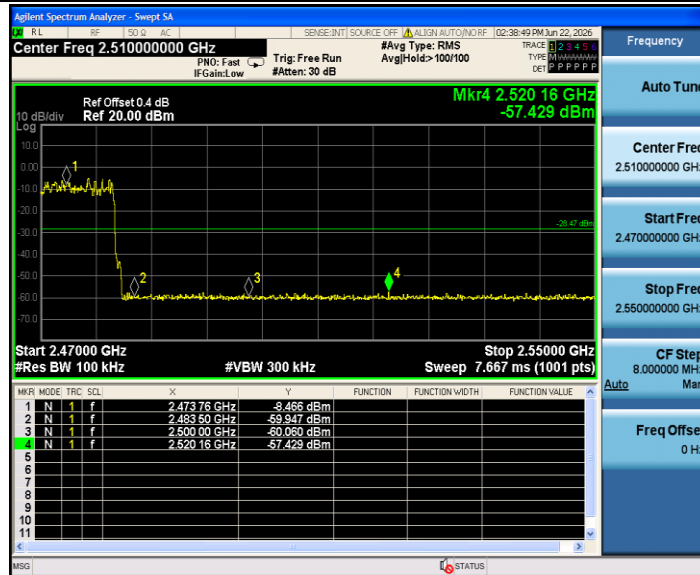
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

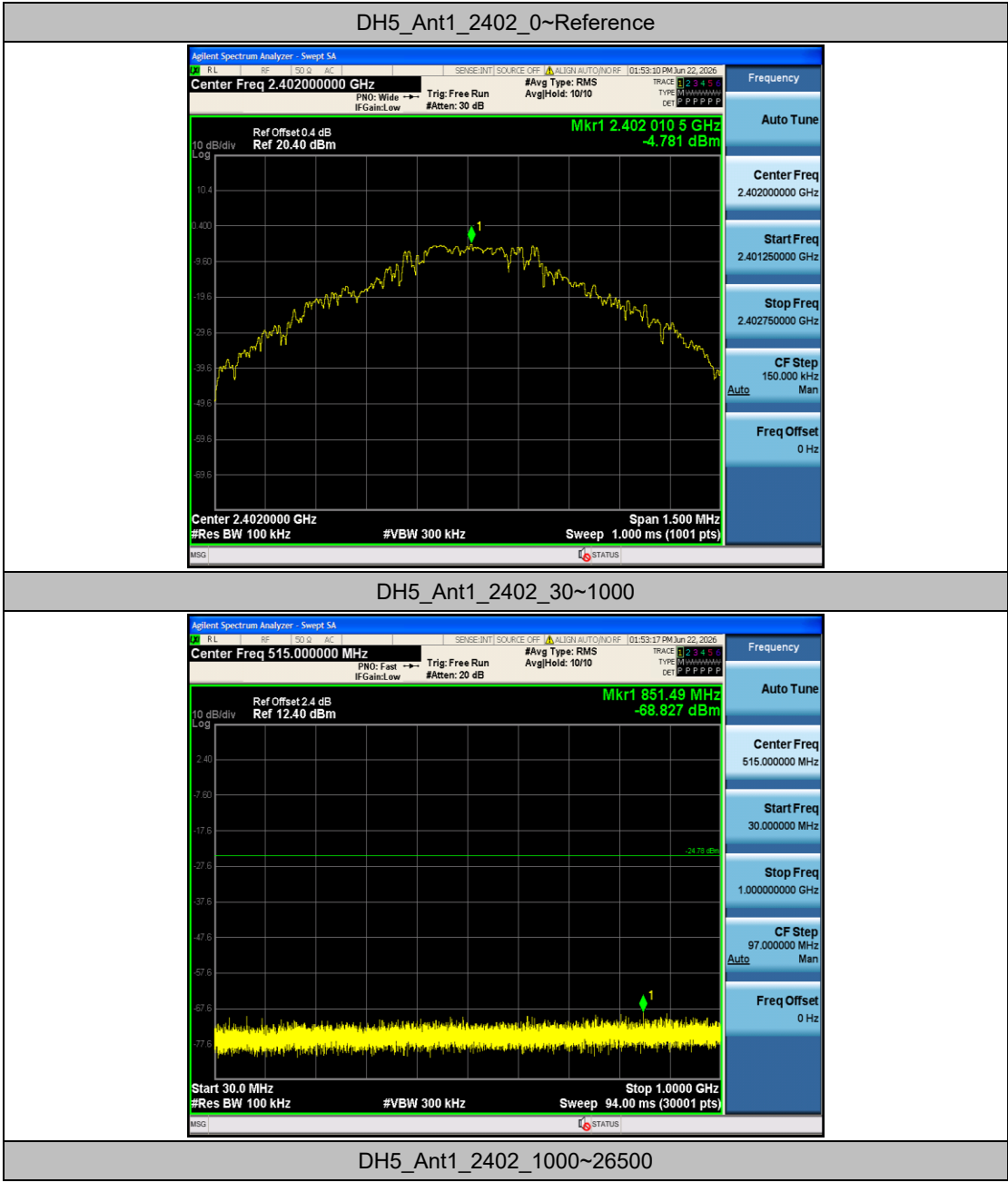


Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-4.78	-4.78	---	PASS
			30~1000	-4.78	-68.83	≤-24.78	PASS
			1000~26500	-4.78	-47.1	≤-24.78	PASS
		2441	Reference	-4.73	-4.73	---	PASS
			30~1000	-4.73	-69.33	≤-24.73	PASS
			1000~26500	-4.73	-45.69	≤-24.73	PASS
		2480	Reference	-5.00	-5.00	---	PASS
			30~1000	-5.00	-69.31	≤-25	PASS
			1000~26500	-5.00	-46.17	≤-25	PASS
2DH5	Ant1	2402	Reference	-3.66	-3.66	---	PASS
			30~1000	-3.66	-66.71	≤-23.66	PASS
			1000~26500	-3.66	-46.6	≤-23.66	PASS
		2441	Reference	-4.42	-4.42	---	PASS
			30~1000	-4.42	-69.3	≤-24.42	PASS
			1000~26500	-4.42	-48.62	≤-24.42	PASS
		2480	Reference	-4.38	-4.38	---	PASS
			30~1000	-4.38	-69.18	≤-24.38	PASS
			1000~26500	-4.38	-48.54	≤-24.38	PASS
3DH5	Ant1	2402	Reference	-6.49	-6.49	---	PASS
			30~1000	-6.49	-68.8	≤-26.49	PASS
			1000~26500	-6.49	-45.54	≤-26.49	PASS
		2441	Reference	-5.99	-5.99	---	PASS
			30~1000	-5.99	-68.26	≤-25.99	PASS
			1000~26500	-5.99	-48.34	≤-25.99	PASS
		2480	Reference	-5.56	-5.56	---	PASS
			30~1000	-5.56	-69.08	≤-25.56	PASS
			1000~26500	-5.56	-49.38	≤-25.56	PASS

Test Graphs

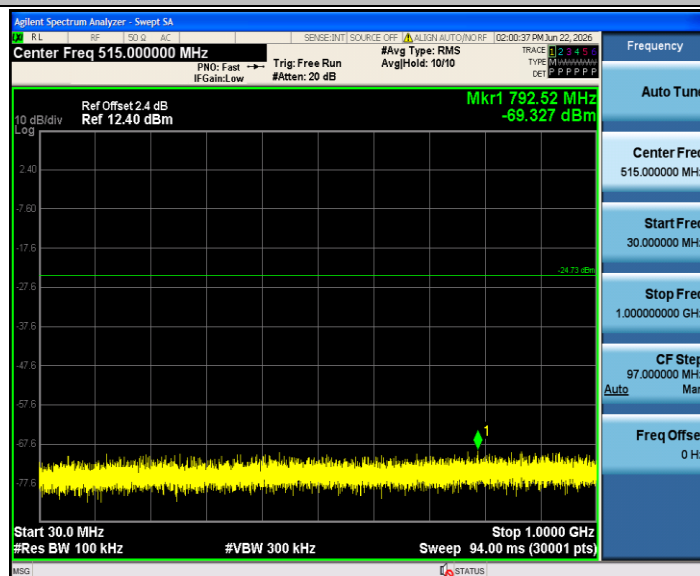




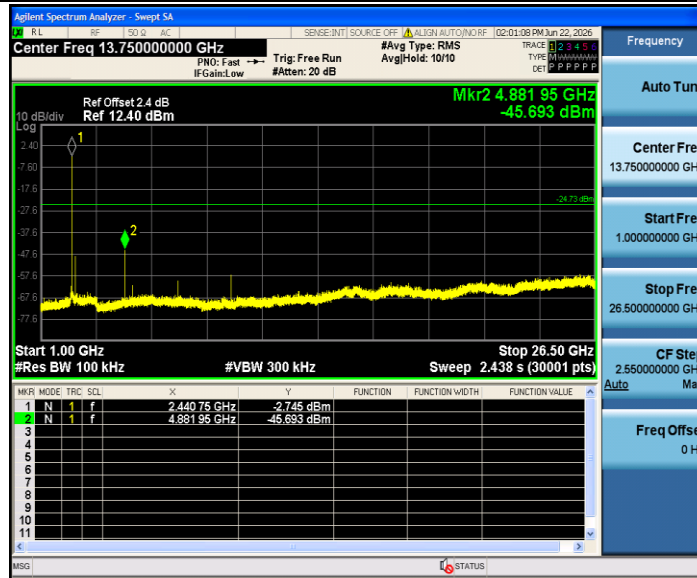
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



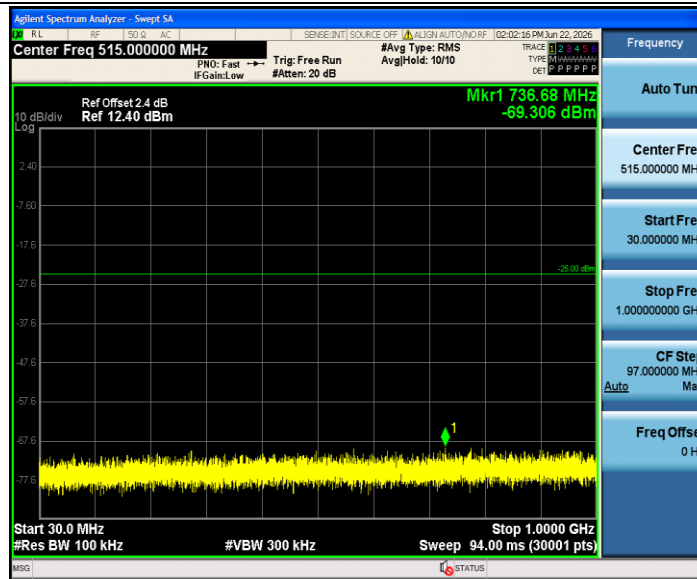
DH5_Ant1_2441_1000~26500



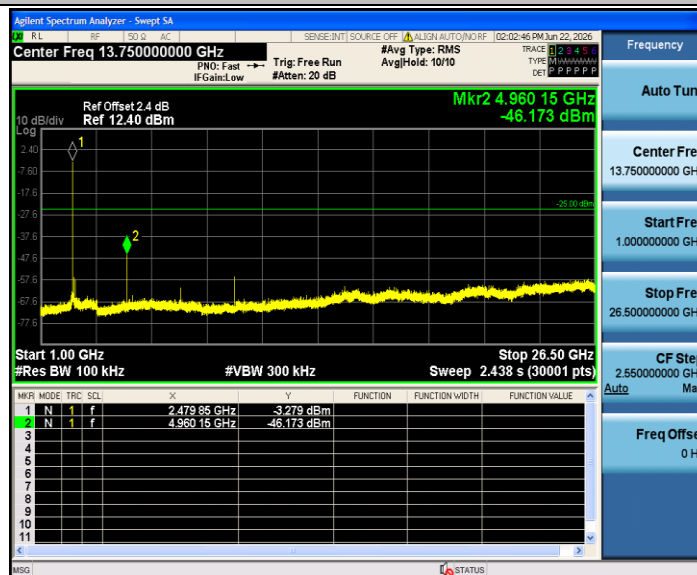
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500



2DH5_Ant1_2402_0~Reference

