

FCC Appendix RF Test Data for BT

FCC ID : 2BW3U-MS-8-CM5-B

Company : MYPLAYER LTD

EUT : MY TOUCH T8

Model Number : MS-8-CM5-B

Report No. : CTA26072901202

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	0.945	2401.550	2402.495	---	---
		2441	0.957	2440.544	2441.501	---	---
		2480	0.960	2479.544	2480.504	---	---
2DH5	Ant1	2402	1.287	2401.379	2402.666	---	---
		2441	1.284	2440.376	2441.660	---	---
		2480	1.287	2479.379	2480.666	---	---
3DH5	Ant1	2402	1.290	2401.367	2402.657	---	---
		2441	1.293	2440.373	2441.666	---	---
		2480	1.305	2479.361	2480.666	---	---

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

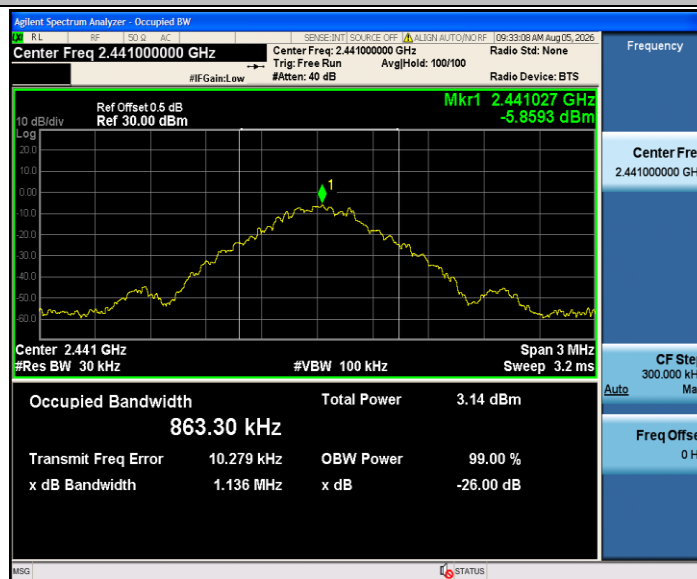
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85522	2401.5819	2402.4371	---	---
		2441	0.86330	2440.5786	2441.4419	---	---
		2480	0.87140	2479.5790	2480.4504	---	---
2DH5	Ant1	2402	1.1836	2401.4169	2402.6005	---	---
		2441	1.1795	2440.4202	2441.5997	---	---
		2480	1.1883	2479.4168	2480.6051	---	---
3DH5	Ant1	2402	1.1825	2401.4185	2402.6010	---	---
		2441	1.2032	2440.4079	2441.6111	---	---
		2480	1.1938	2479.4174	2480.6112	---	---

Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



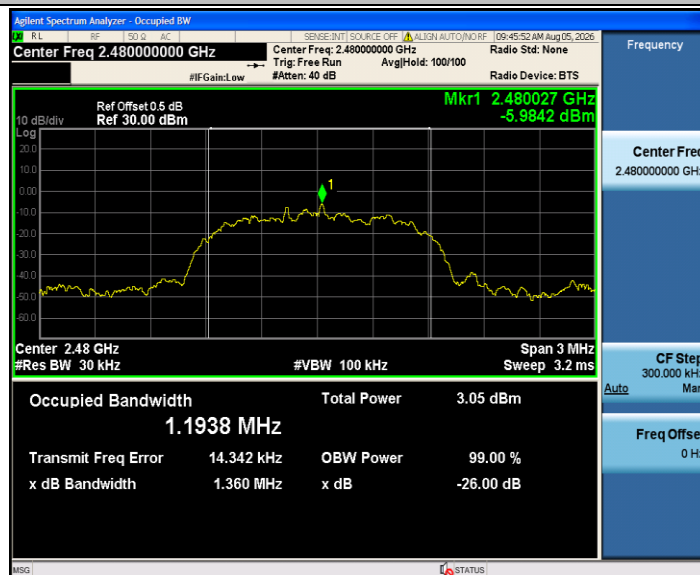
3DH5_Ant1_2402



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	-3.29	≤20.97	PASS
		2441	-3.35	≤20.97	PASS
		2480	-3.64	≤20.97	PASS
2DH5	Ant1	2402	-0.61	≤20.97	PASS
		2441	-0.76	≤20.97	PASS
		2480	-1.12	≤20.97	PASS
3DH5	Ant1	2402	-0.31	≤20.97	PASS
		2441	-0.40	≤20.97	PASS
		2480	-0.70	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.012	≥ 0.960	PASS
2DH5	Ant1	Hop	1.004	≥ 0.858	PASS
3DH5	Ant1	Hop	1.022	≥ 0.870	PASS

Test Graphs



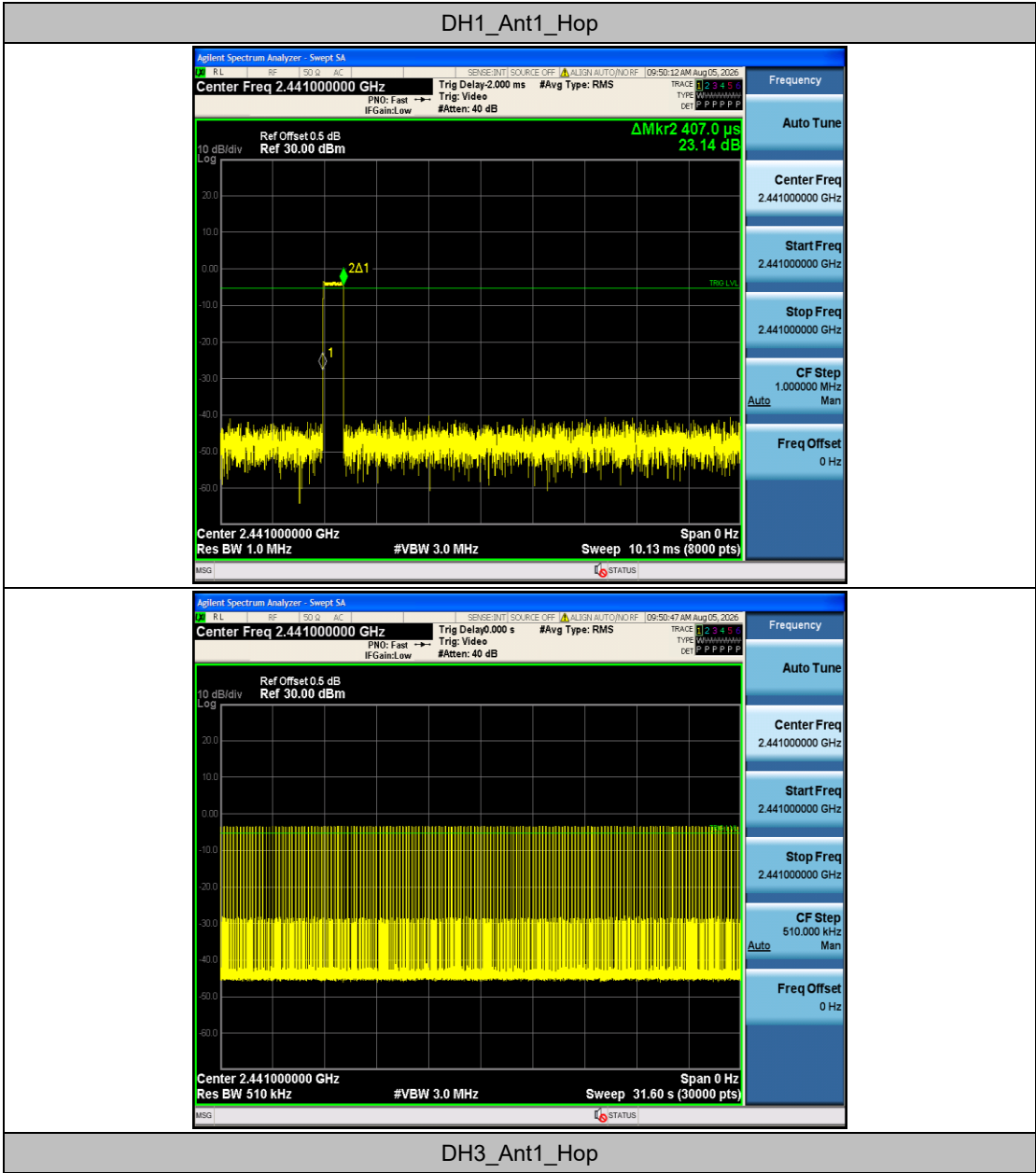


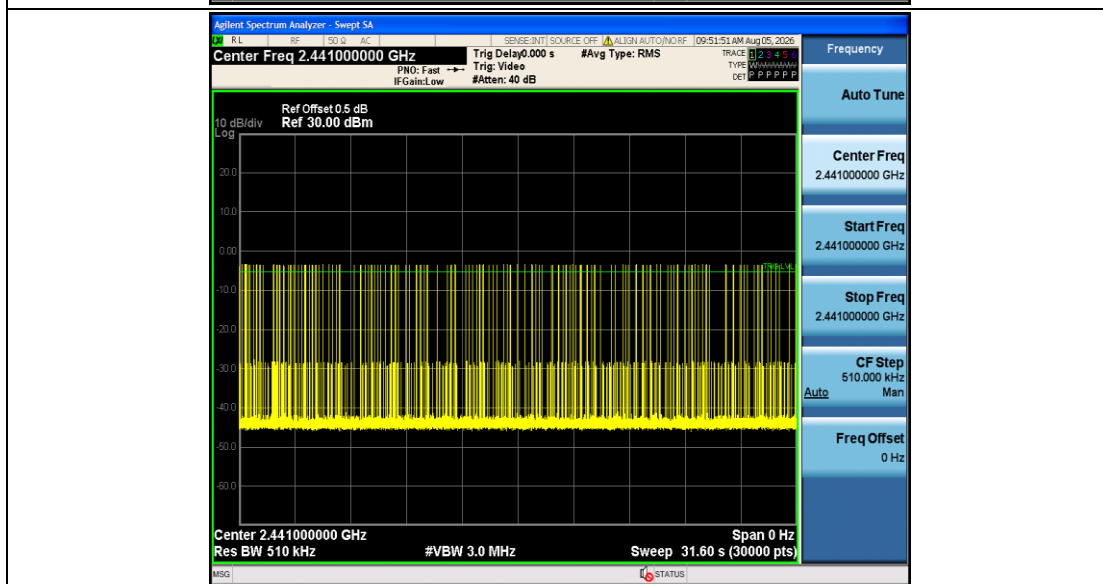
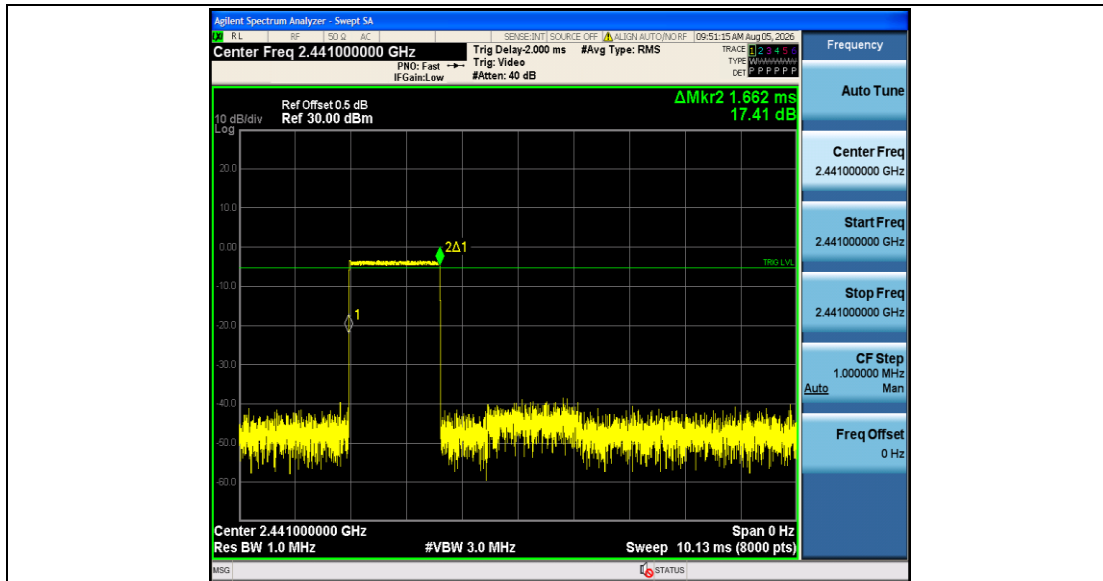
Appendix E: Time of occupancy

Test Result

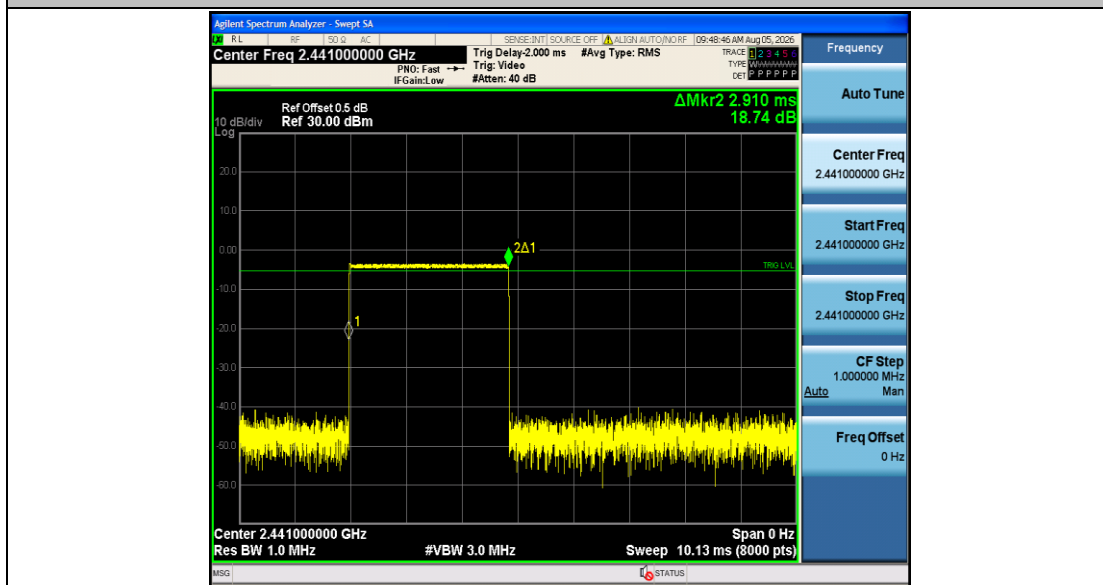
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.407	318	0.129	≤0.4	PASS
DH3	Ant1	Hop	1.662	152	0.253	≤0.4	PASS
DH5	Ant1	Hop	2.910	104	0.303	≤0.4	PASS
2DH1	Ant1	Hop	0.415	319	0.132	≤0.4	PASS
2DH3	Ant1	Hop	1.668	162	0.27	≤0.4	PASS
2DH5	Ant1	Hop	2.916	101	0.295	≤0.4	PASS
3DH1	Ant1	Hop	0.415	316	0.131	≤0.4	PASS
3DH3	Ant1	Hop	1.666	162	0.27	≤0.4	PASS
3DH5	Ant1	Hop	2.917	109	0.318	≤0.4	PASS

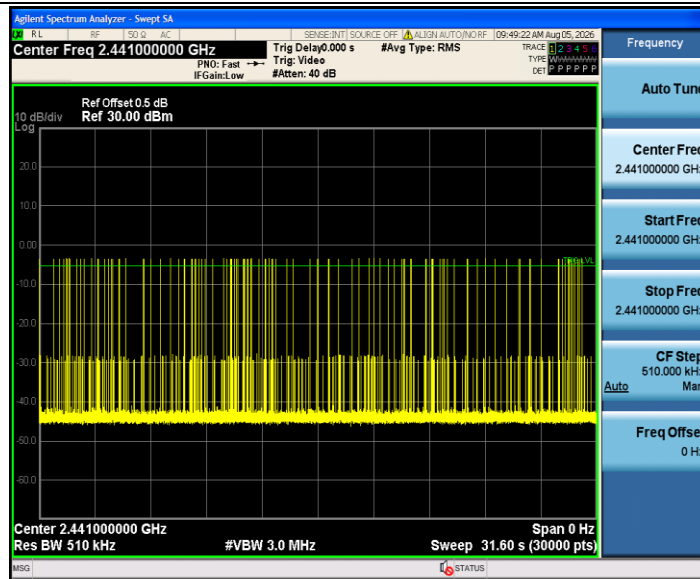
Test Graphs



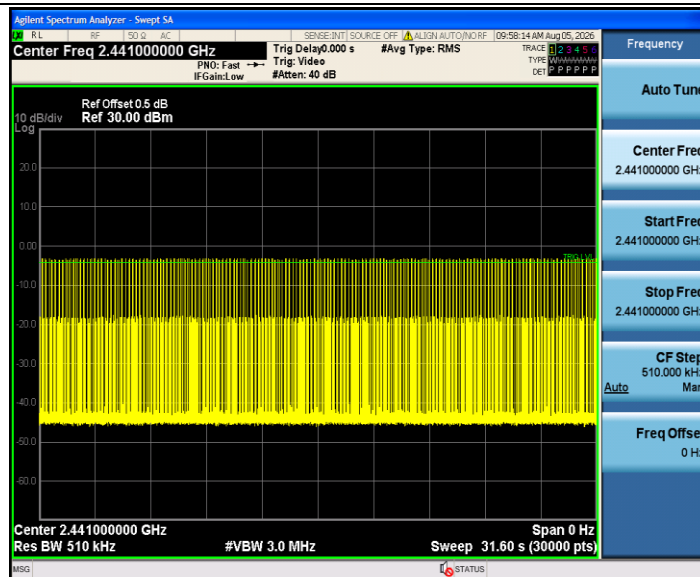
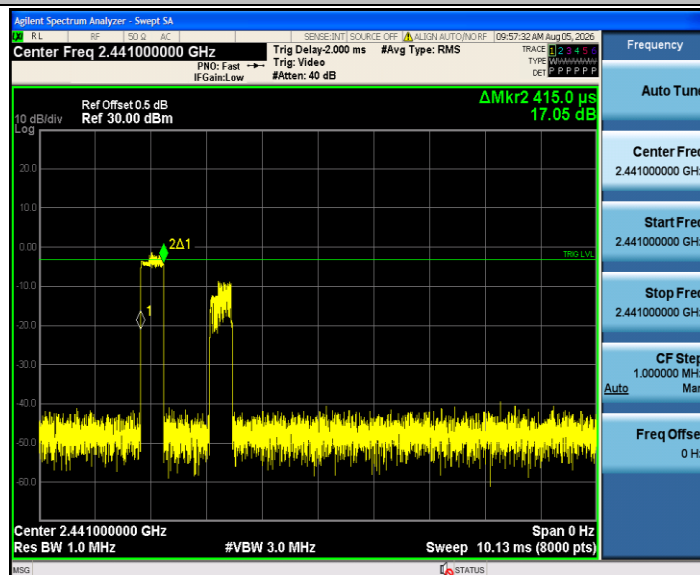


DH5_Ant1_Hop

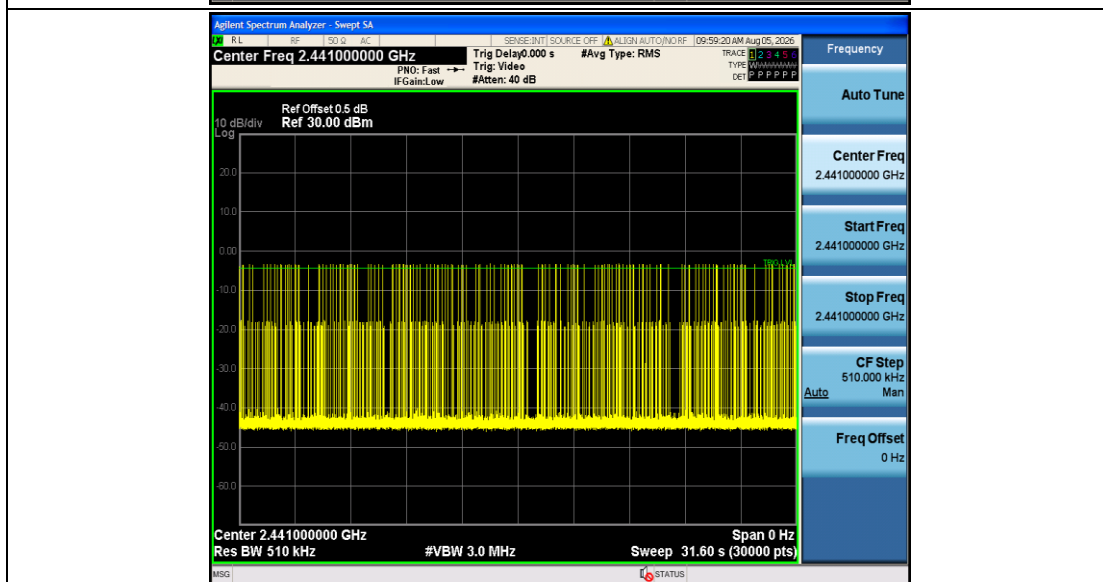
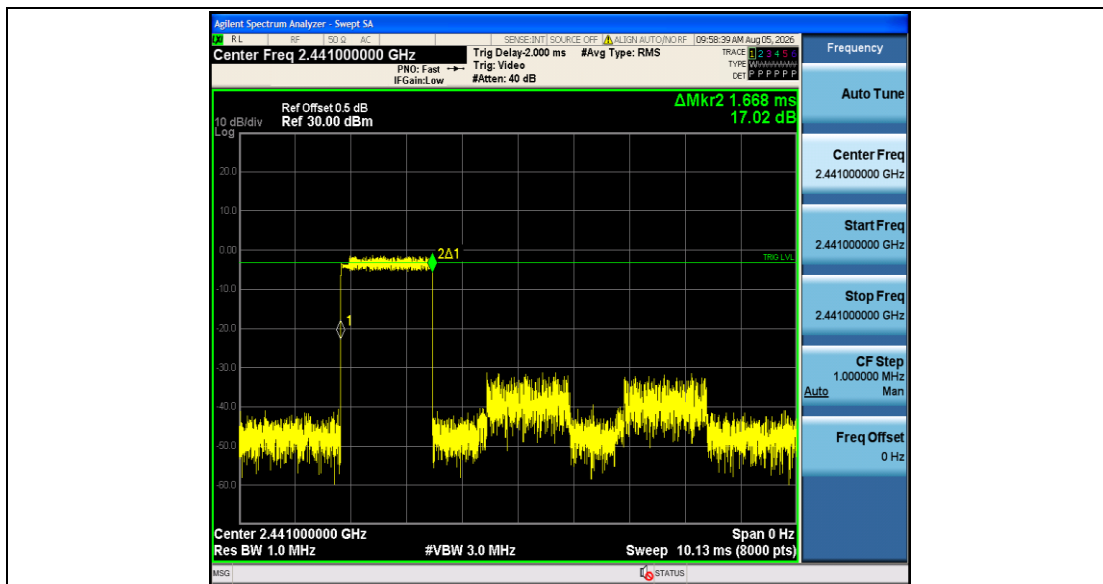




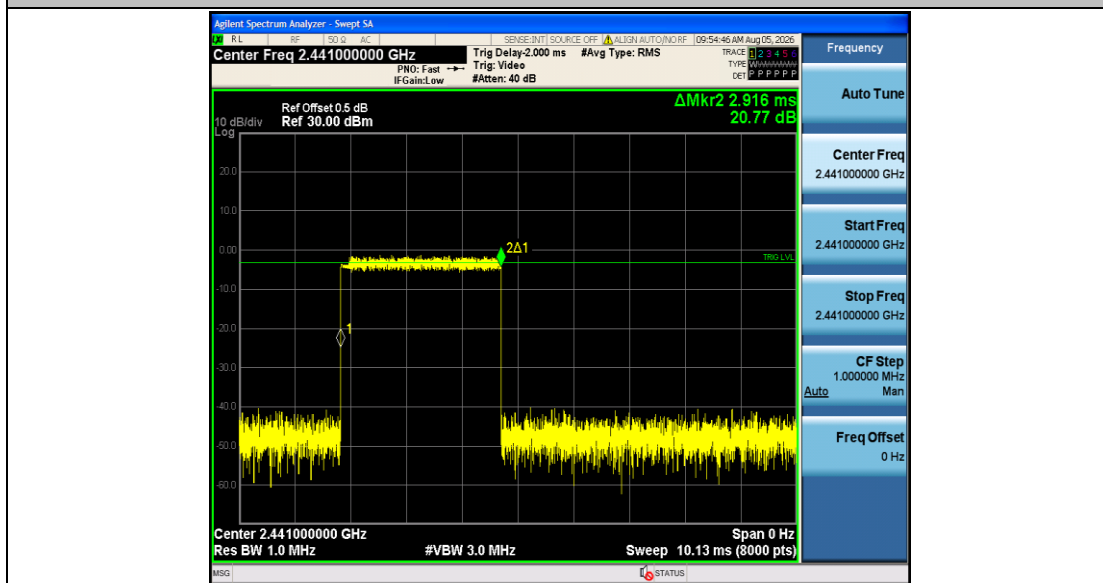
2DH1_Ant1_Hop

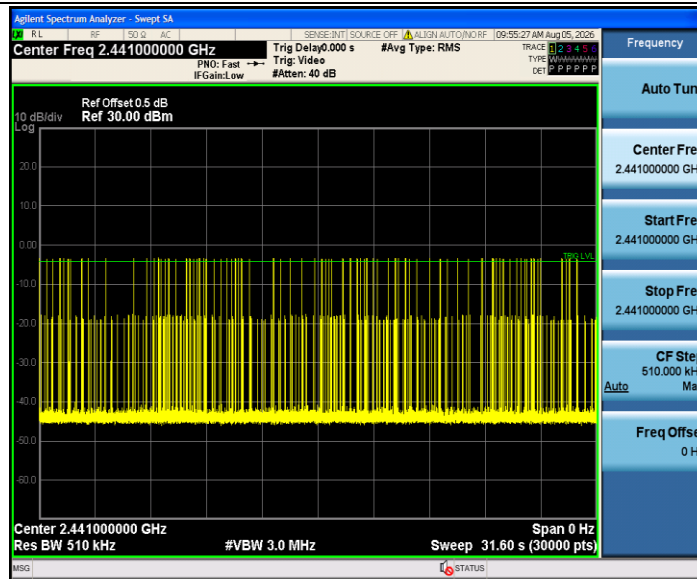


2DH3_Ant1_Hop

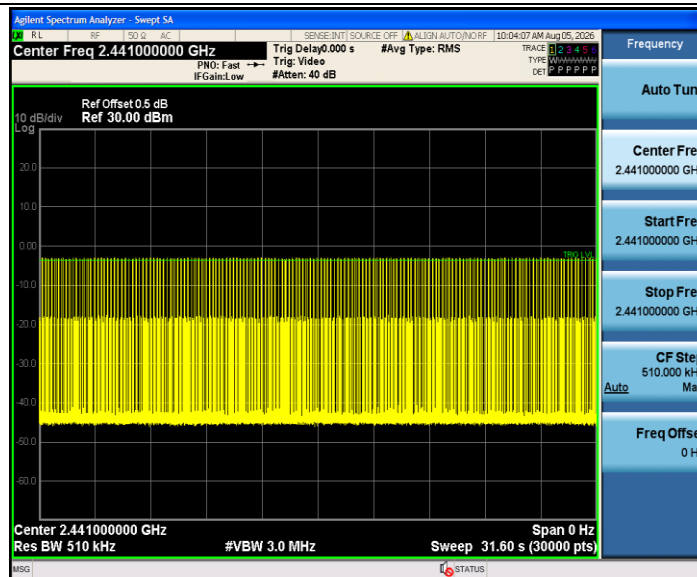
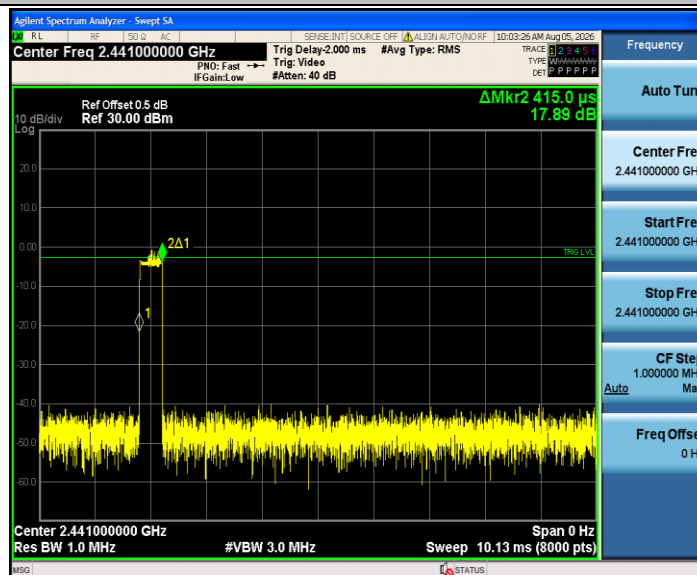


2DH5_Ant1_Hop

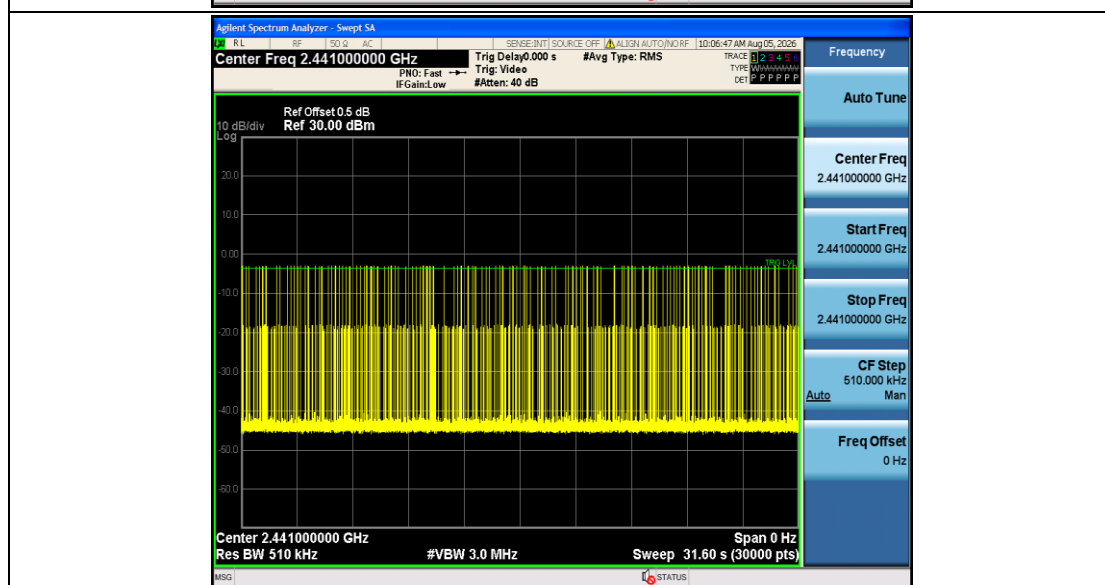
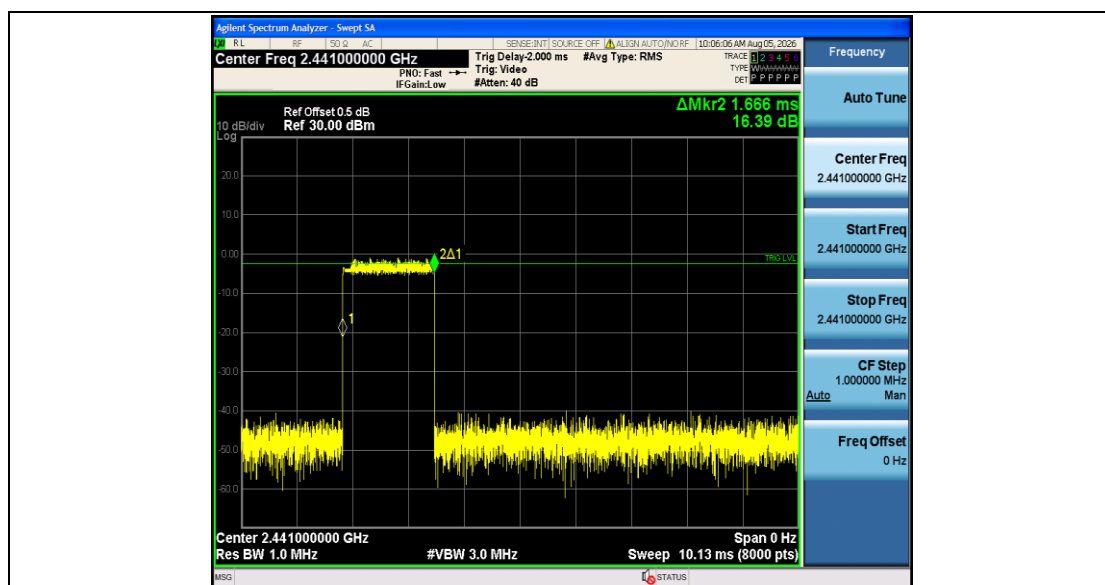




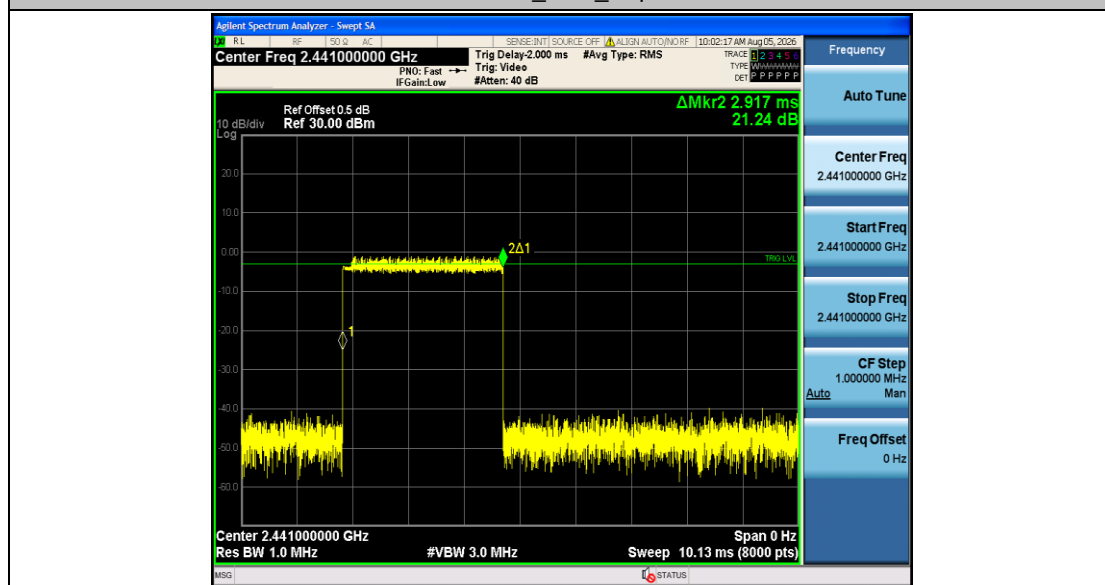
3DH1_Ant1_Hop

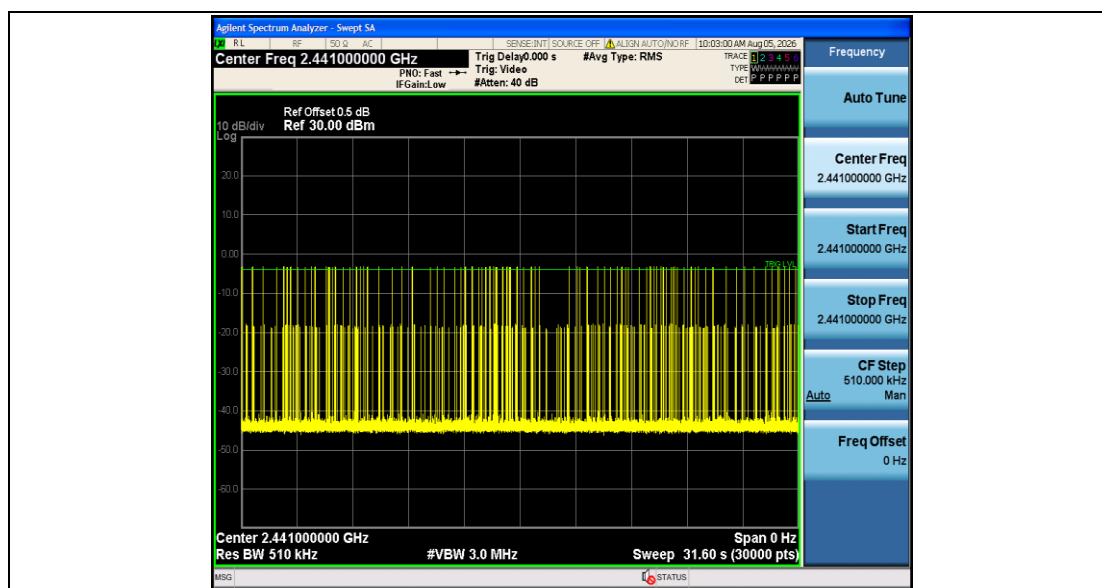


3DH3_Ant1_Hop



3DH5_Ant1_Hop



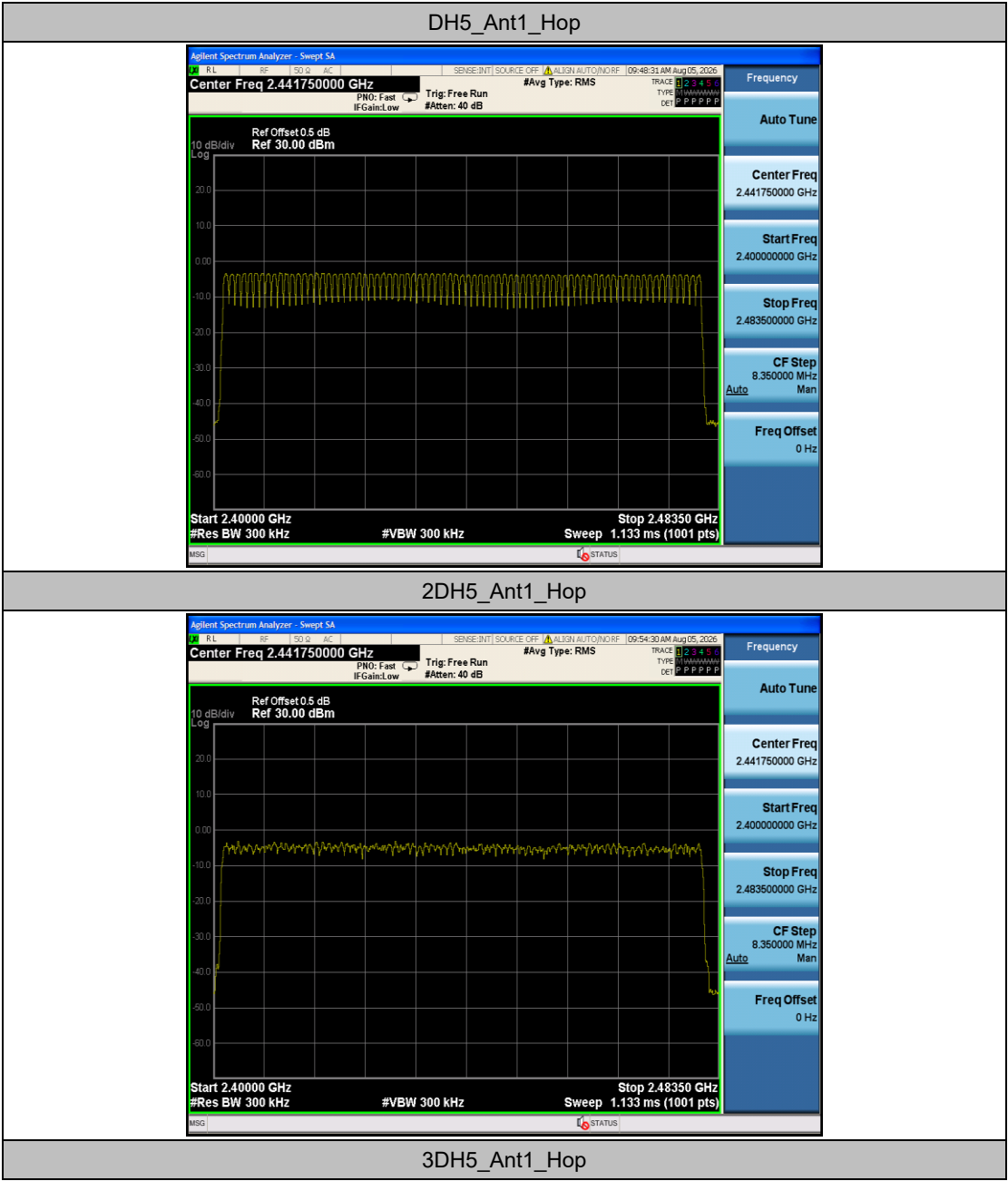


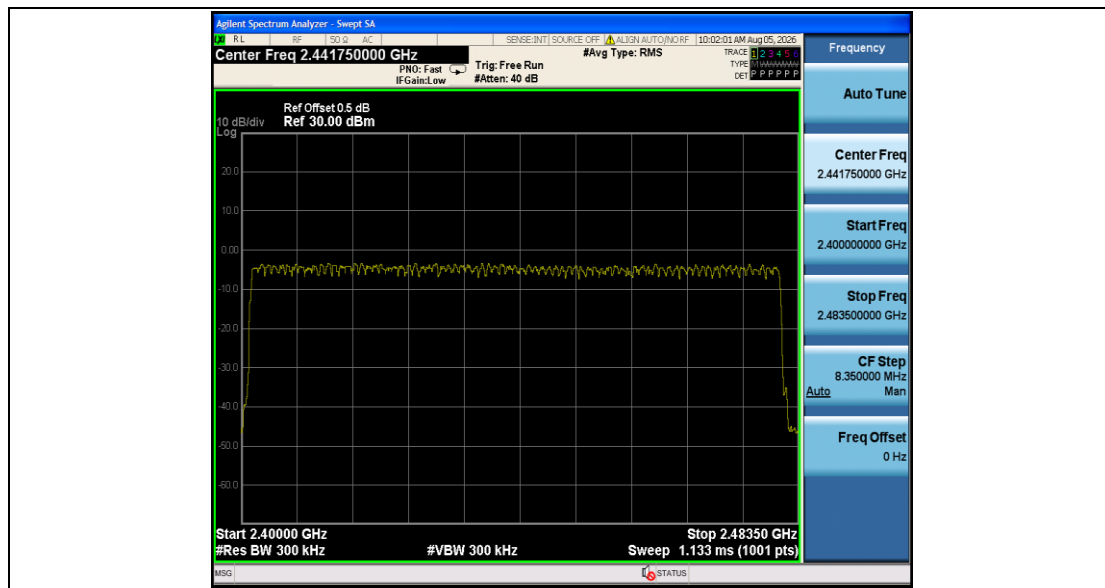
Appendix F: Number of hopping channels

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



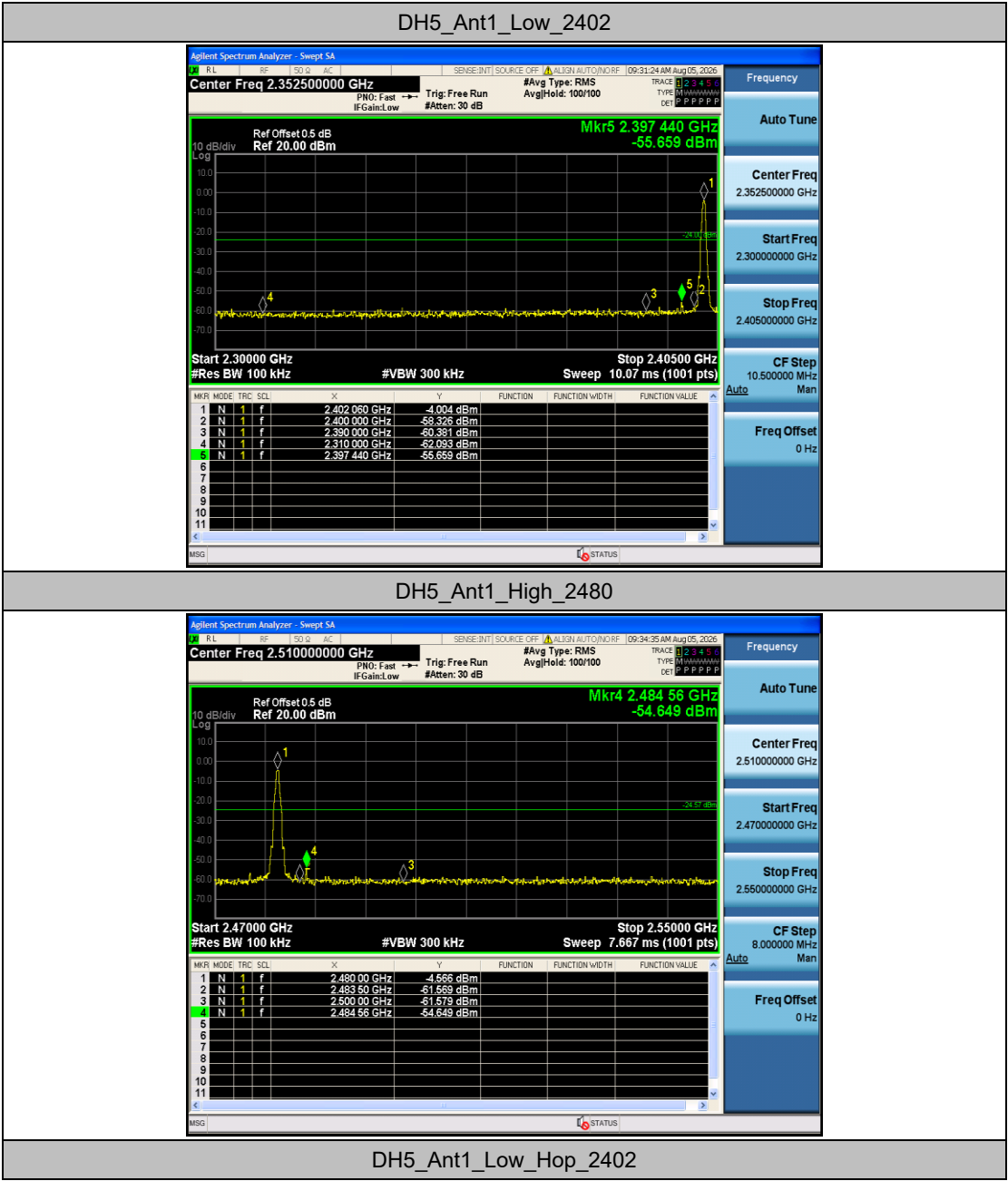


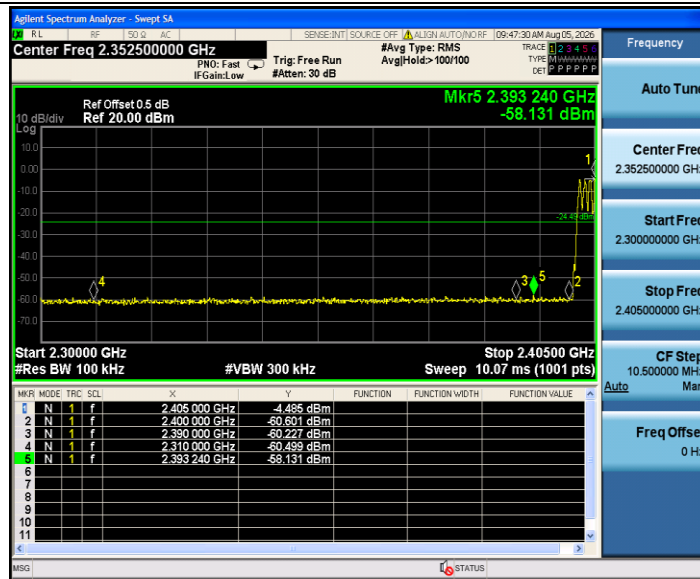
Appendix G: Band edge measurements

Test Result

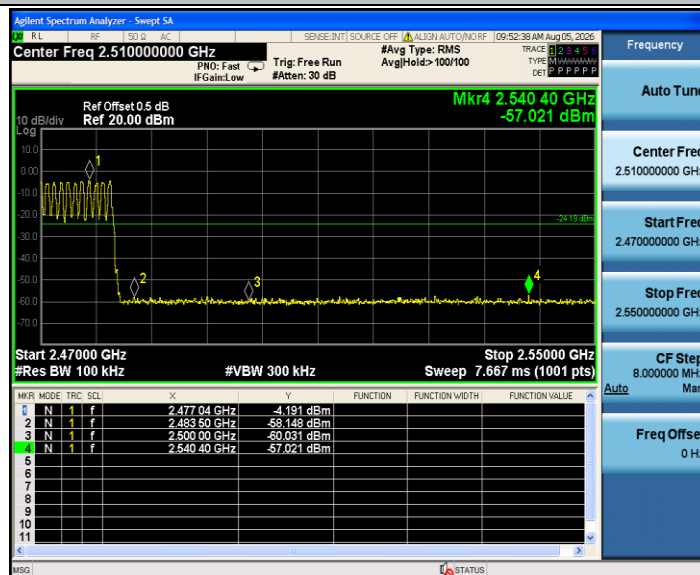
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.00	-55.66	≤-24	PASS
		High	2480	-4.57	-54.65	≤-24.57	PASS
		Low	Hop_2402	-4.49	-58.13	≤-24.49	PASS
		High	Hop_2480	-4.19	-57.02	≤-24.19	PASS
2DH5	Ant1	Low	2402	-3.66	-57.5	≤-23.66	PASS
		High	2480	-3.94	-57.68	≤-23.94	PASS
		Low	Hop_2402	-4.72	-57.91	≤-24.72	PASS
		High	Hop_2480	-4.44	-57.38	≤-24.44	PASS
3DH5	Ant1	Low	2402	-3.50	-57.61	≤-23.5	PASS
		High	2480	-3.78	-56.87	≤-23.78	PASS
		Low	Hop_2402	-5.10	-57.45	≤-25.1	PASS
		High	Hop_2480	-4.27	-57.25	≤-24.27	PASS

Test Graphs

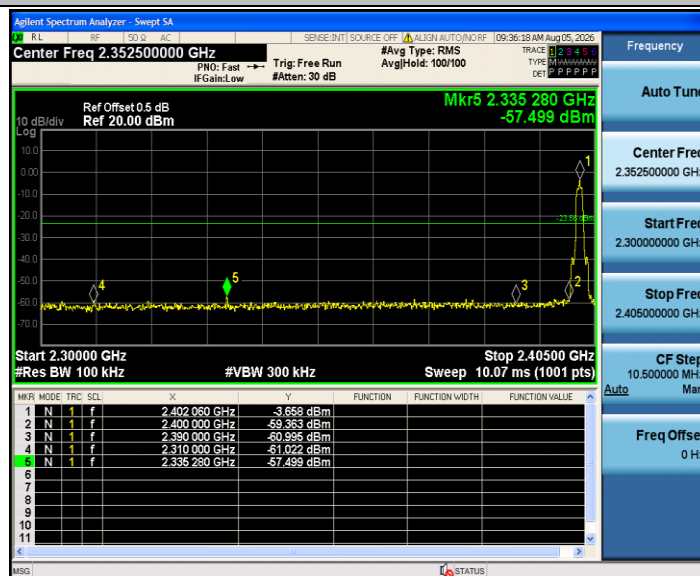




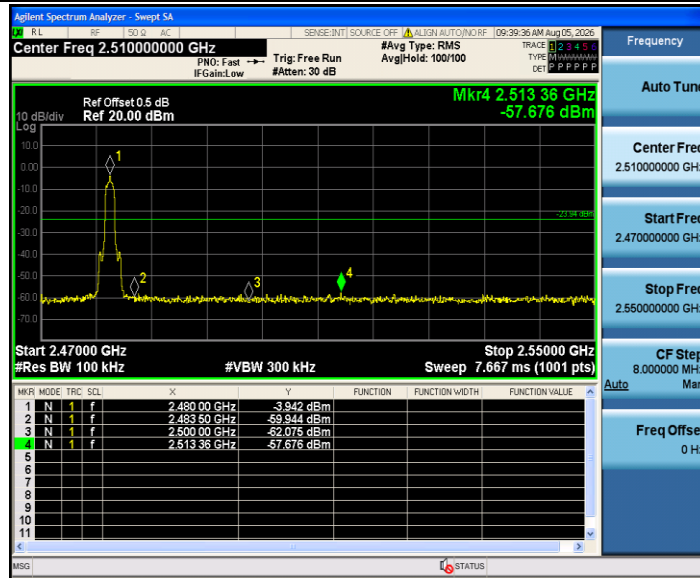
DH5_Ant1_High_Hop_2480



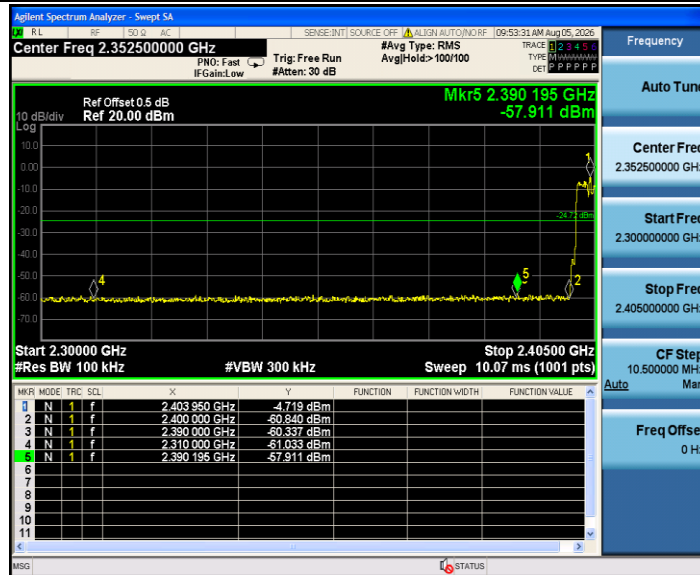
2DH5_Ant1_Low_2402



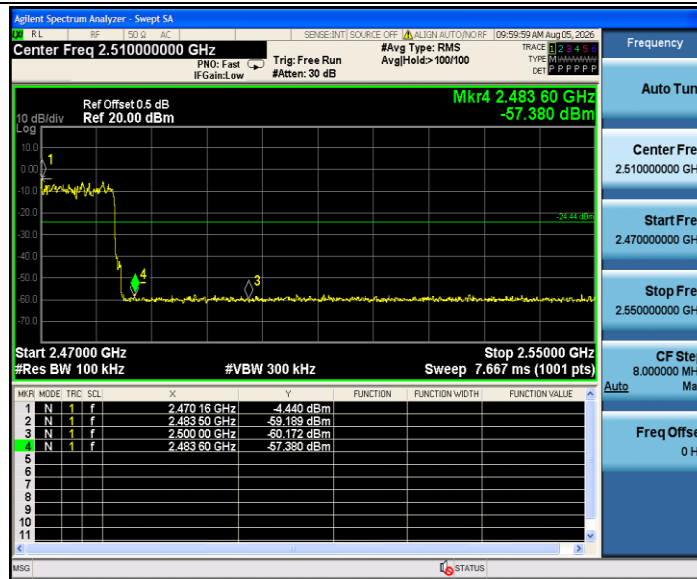
2DH5_Ant1_High_2480



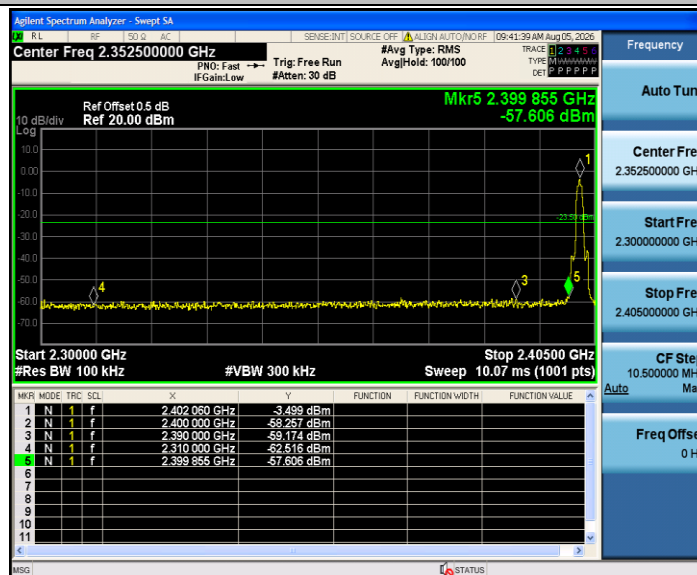
2DH5_Ant1_Low_Hop_2402



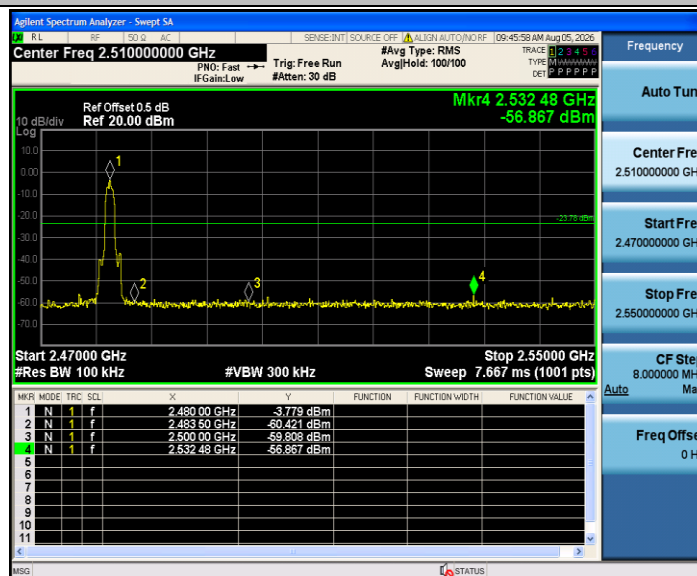
2DH5_Ant1_High_Hop_2480



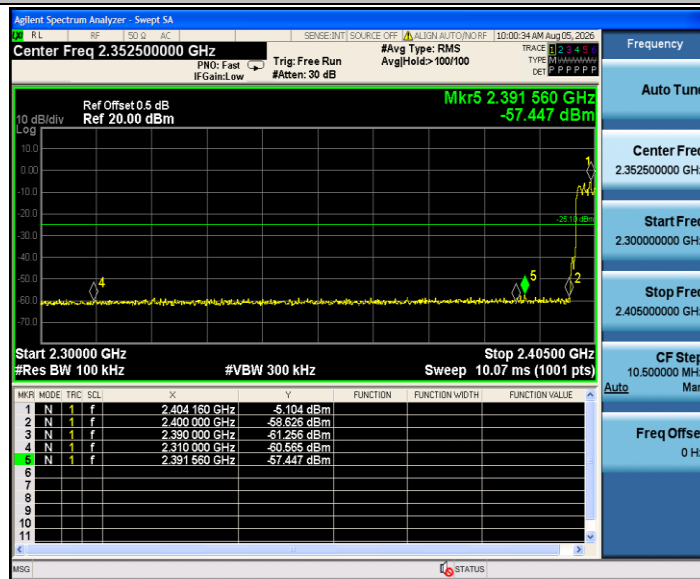
3DH5_Ant1_Low_2402



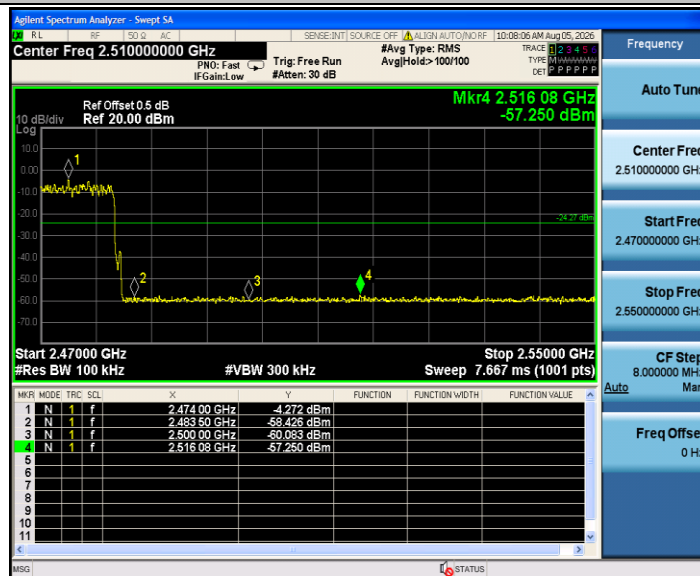
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

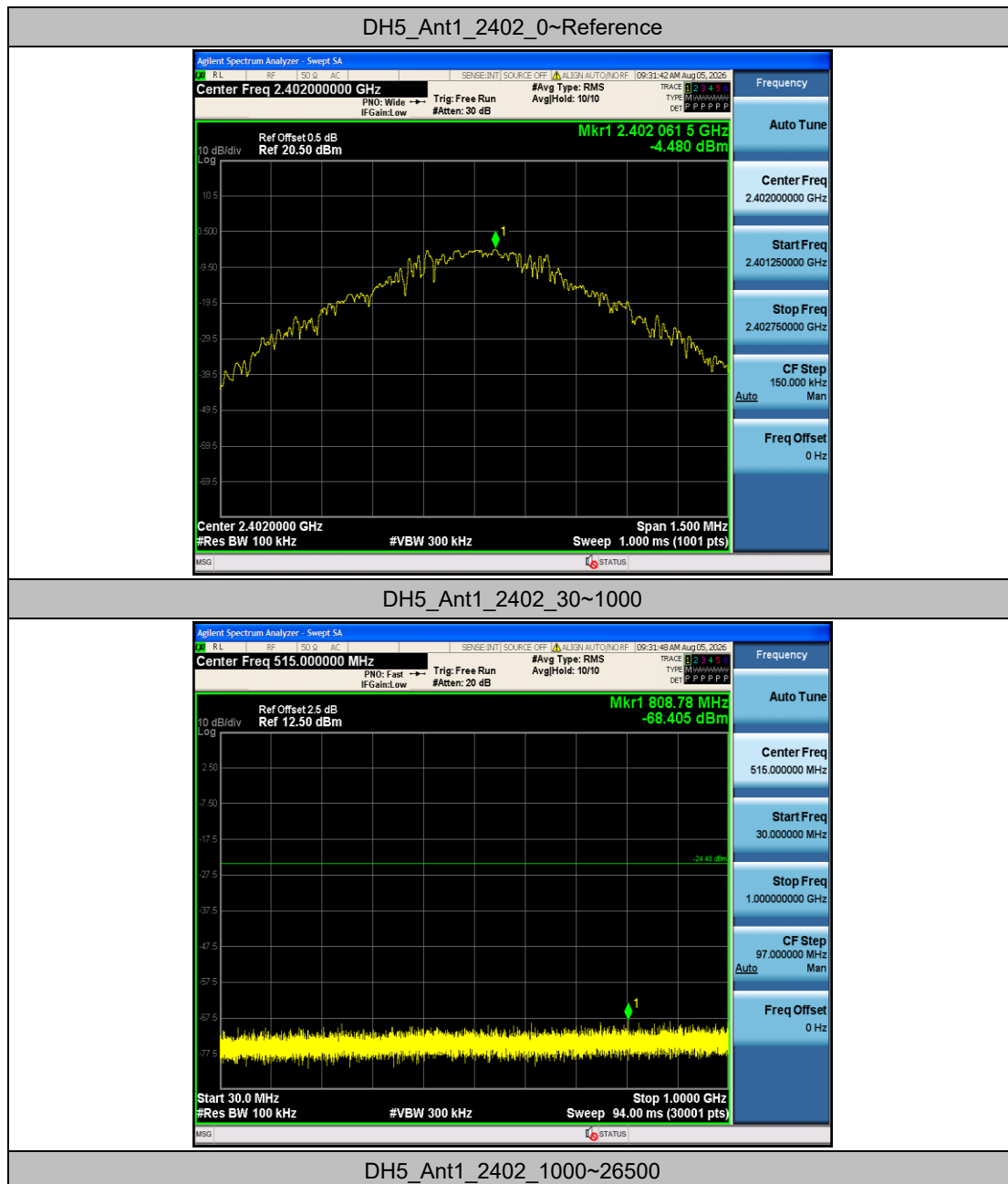


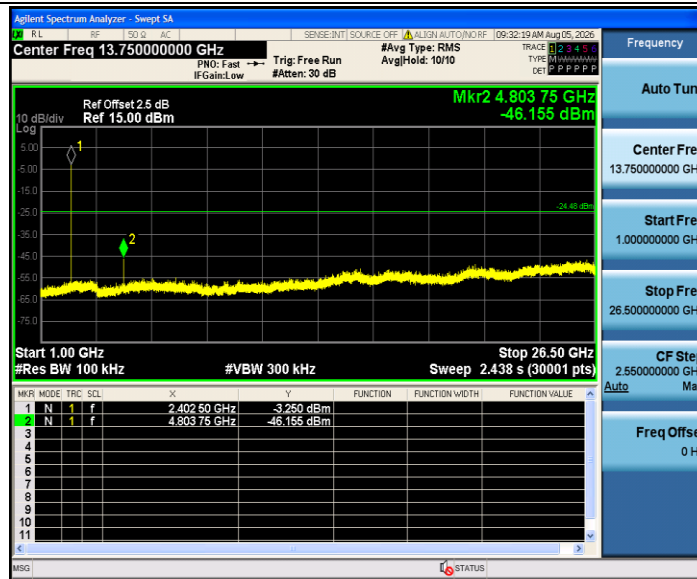
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-4.48	-4.48	---	PASS
			30~1000	-4.48	-68.41	≤-24.48	PASS
			1000~26500	-4.48	-46.16	≤-24.48	PASS
		2441	Reference	-4.34	-4.34	---	PASS
			30~1000	-4.34	-68.58	≤-24.34	PASS
			1000~26500	-4.34	-46.28	≤-24.34	PASS
		2480	Reference	-4.44	-4.44	---	PASS
			30~1000	-4.44	-67.79	≤-24.44	PASS
			1000~26500	-4.44	-45.55	≤-24.44	PASS
2DH5	Ant1	2402	Reference	-4.13	-4.13	---	PASS
			30~1000	-4.13	-68.05	≤-24.13	PASS
			1000~26500	-4.13	-46.72	≤-24.13	PASS
		2441	Reference	-6.53	-6.53	---	PASS
			30~1000	-6.53	-68.1	≤-26.53	PASS
			1000~26500	-6.53	-46.23	≤-26.53	PASS
		2480	Reference	-5.22	-5.22	---	PASS
			30~1000	-5.22	-68.7	≤-25.22	PASS
			1000~26500	-5.22	-45.99	≤-25.22	PASS
3DH5	Ant1	2402	Reference	-6.49	-6.49	---	PASS
			30~1000	-6.49	-68.09	≤-26.49	PASS
			1000~26500	-6.49	-46.1	≤-26.49	PASS
		2441	Reference	-6.38	-6.38	---	PASS
			30~1000	-6.38	-68.77	≤-26.38	PASS
			1000~26500	-6.38	-46.33	≤-26.38	PASS
		2480	Reference	-6.62	-6.62	---	PASS
			30~1000	-6.62	-68.04	≤-26.62	PASS
			1000~26500	-6.62	-46.66	≤-26.62	PASS

Test Graphs

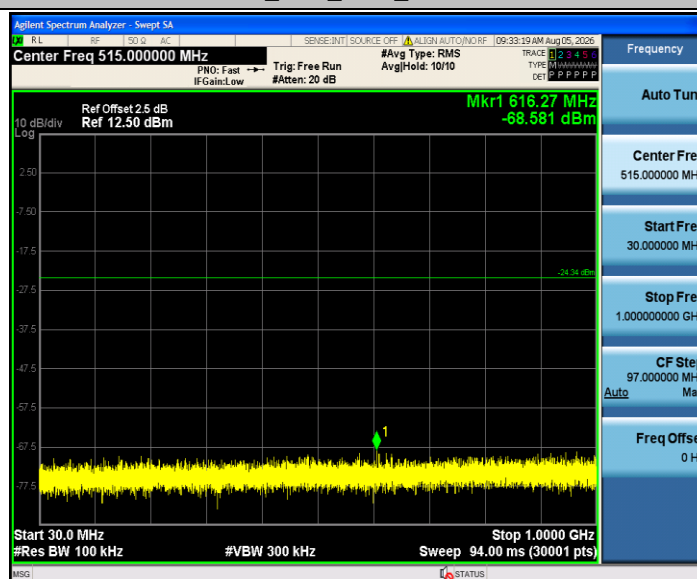




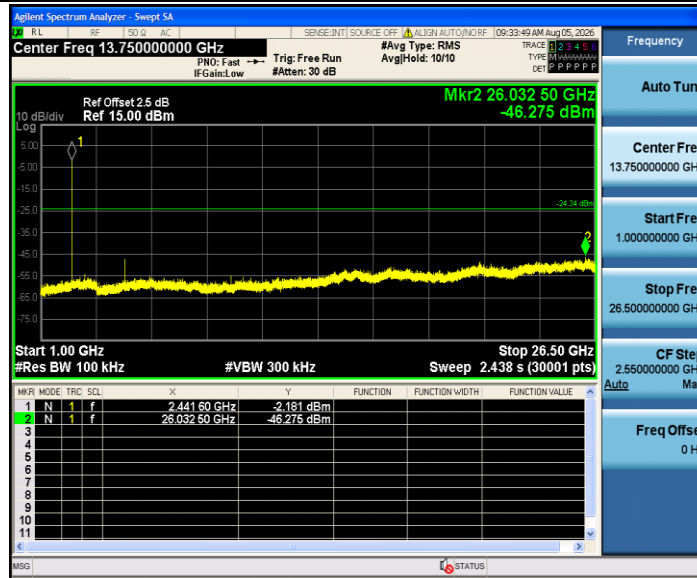
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



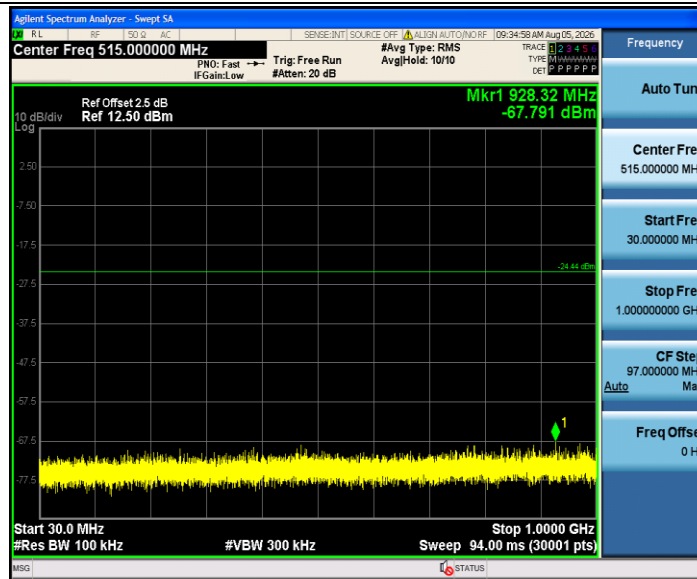
DH5_Ant1_2441_1000~26500



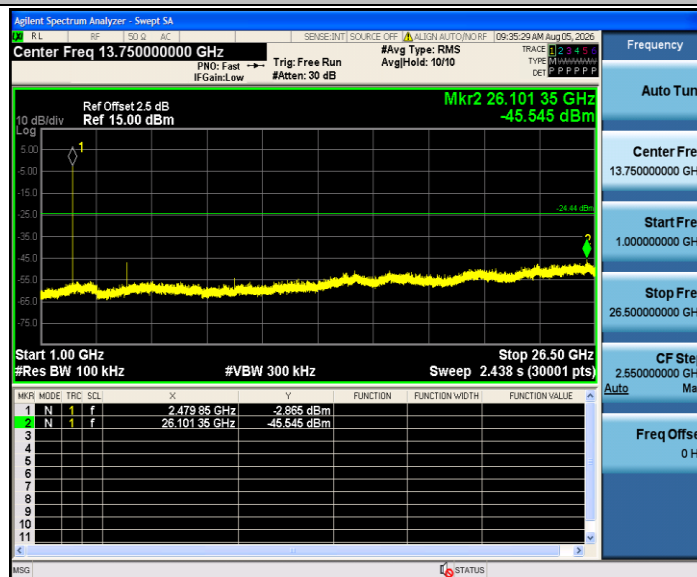
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500



2DH5_Ant1_2402_0~Reference

