

FCC Appendix RF Test Data for BT

FCC ID : 2BXI6-8D-10B

Company : Shantou Haodaole Electronic Technology Co., Ltd.

EUT : Multifunctional DJ Game Table

Model Number : 8D-10B

Report No. : CTA26080701202

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	0.963	2401.544	2402.507	---	---
		2441	0.954	2440.544	2441.498	---	---
		2480	0.948	2479.550	2480.498	---	---
2DH5	Ant1	2402	1.317	2401.352	2402.669	---	---
		2441	1.323	2440.346	2441.669	---	---
		2480	1.323	2479.346	2480.669	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480

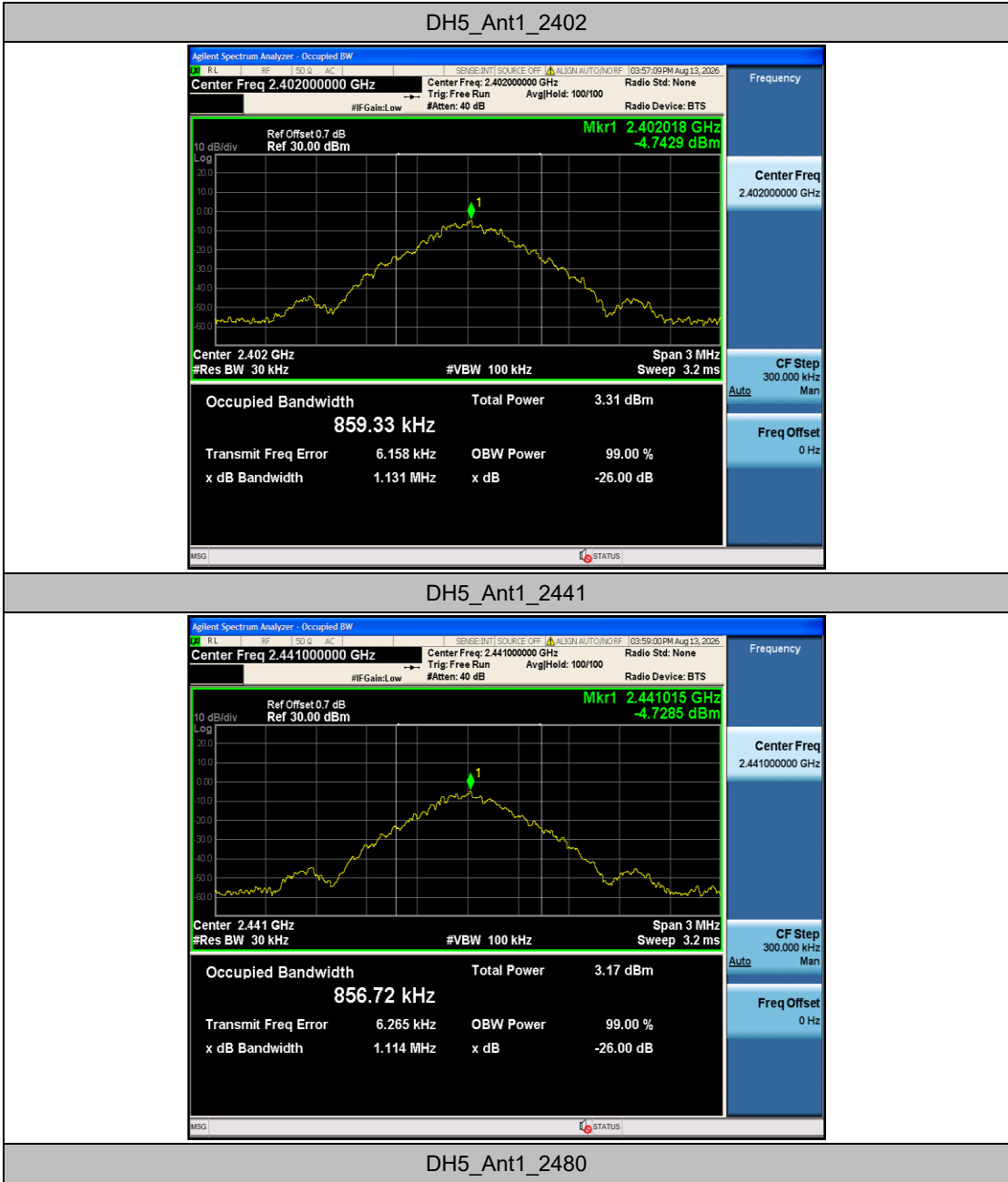


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85933	2401.5765	2402.4358	---	---
		2441	0.85672	2440.5779	2441.4346	---	---
		2480	0.85203	2479.5798	2480.4318	---	---
2DH5	Ant1	2402	1.1962	2401.4129	2402.6091	---	---
		2441	1.1959	2440.4133	2441.6092	---	---
		2480	1.1800	2479.4204	2480.6004	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

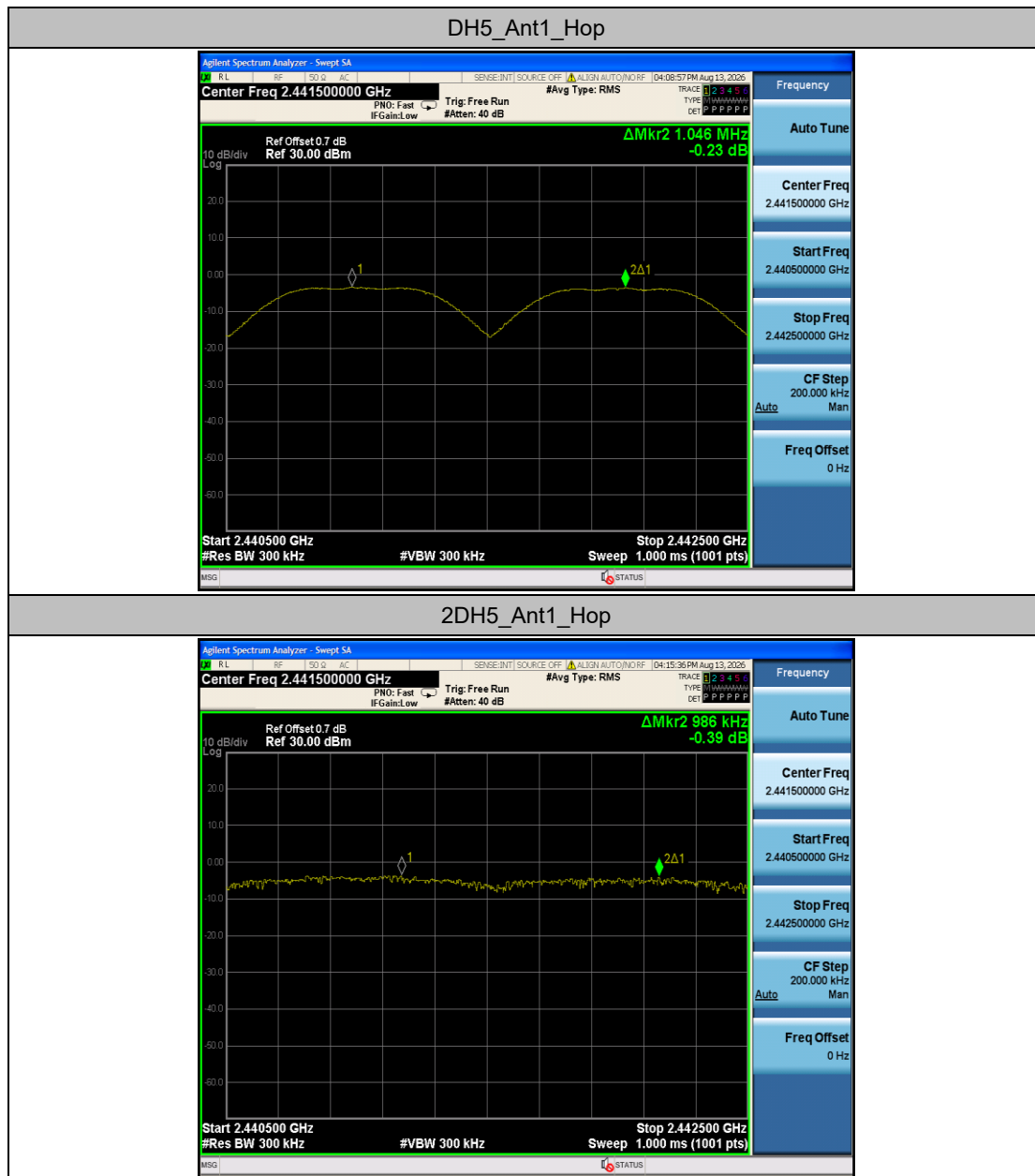
Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-3.14	≤20.97	PASS
		2441	-3.20	≤20.97	PASS
		2480	-3.44	≤20.97	PASS
2DH5	Ant1	2402	-0.45	≤20.97	PASS
		2441	-0.61	≤20.97	PASS
		2480	-0.84	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.046	≥ 0.963	PASS
2DH5	Ant1	Hop	0.986	≥ 0.882	PASS

Test Graphs

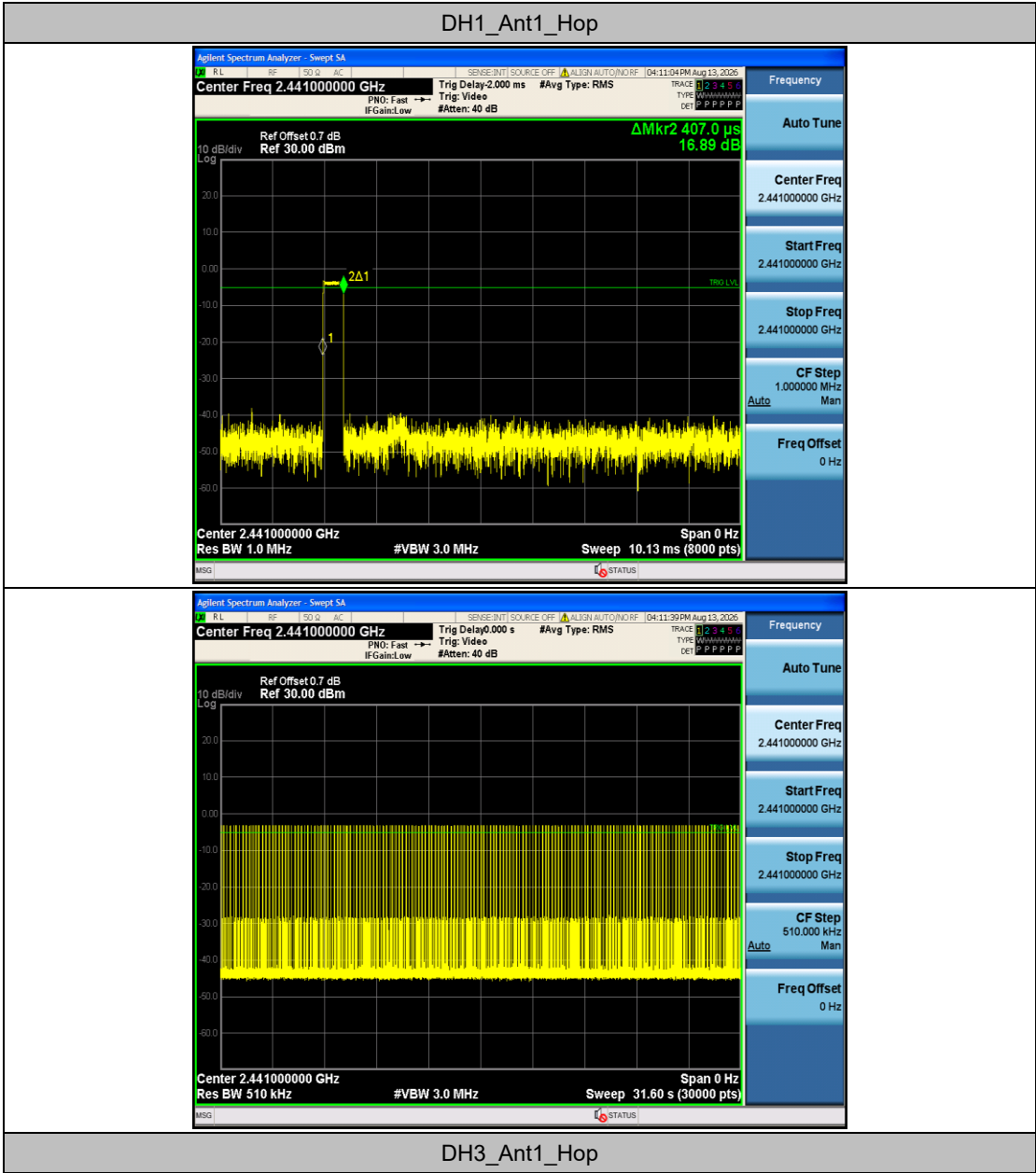


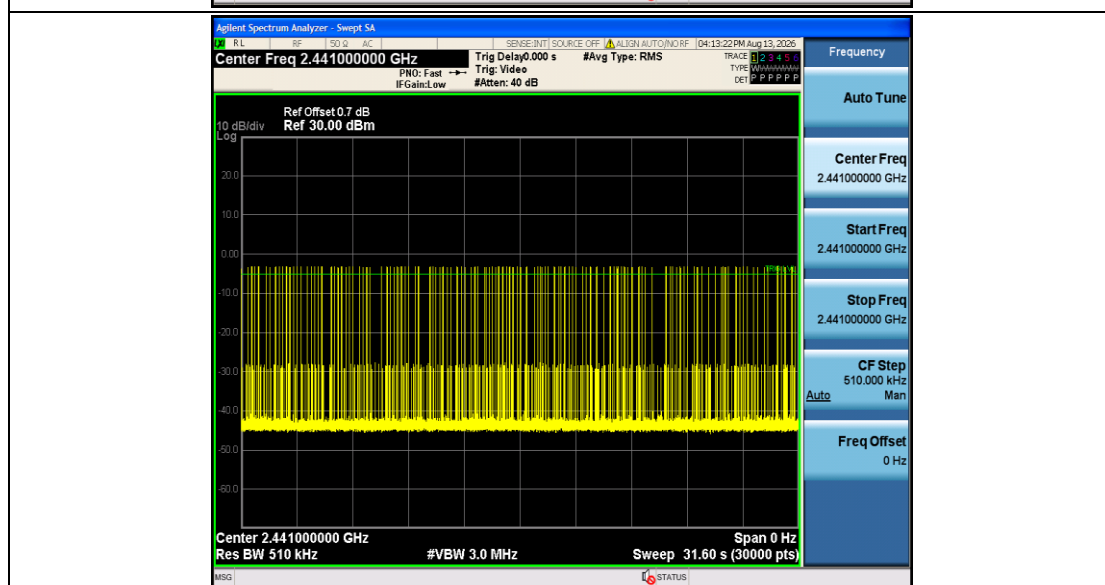
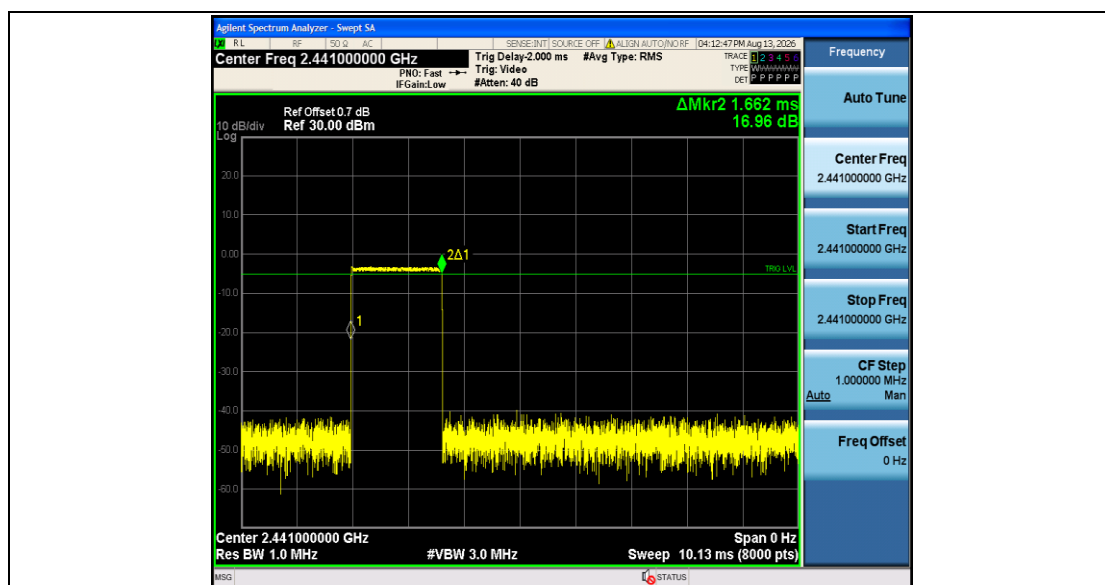
Appendix E: Time of occupancy

Test Result

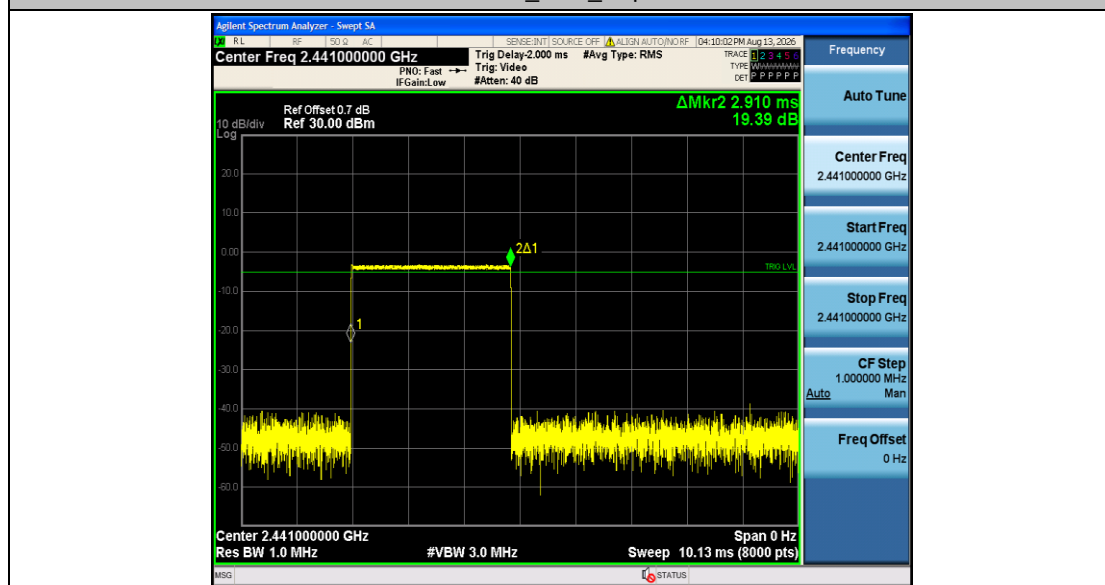
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.407	313	0.127	≤0.4	PASS
DH3	Ant1	Hop	1.662	160	0.266	≤0.4	PASS
DH5	Ant1	Hop	2.910	115	0.335	≤0.4	PASS
2DH1	Ant1	Hop	0.415	318	0.132	≤0.4	PASS
2DH3	Ant1	Hop	1.667	159	0.265	≤0.4	PASS
2DH5	Ant1	Hop	2.916	106	0.309	≤0.4	PASS

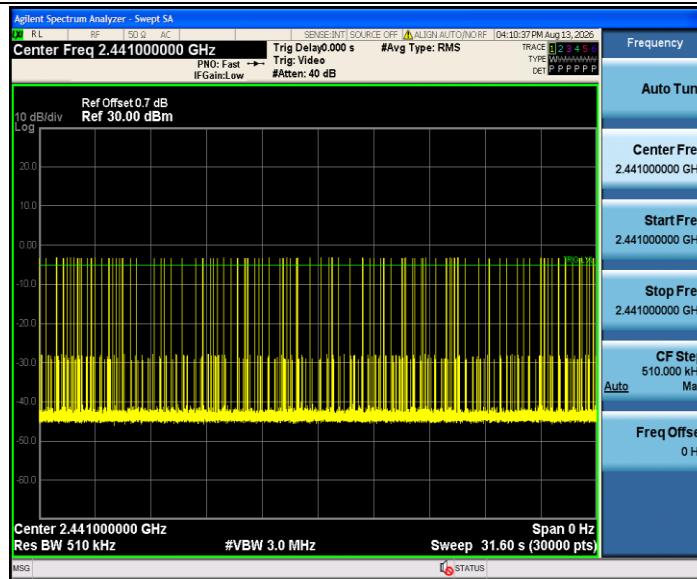
Test Graphs



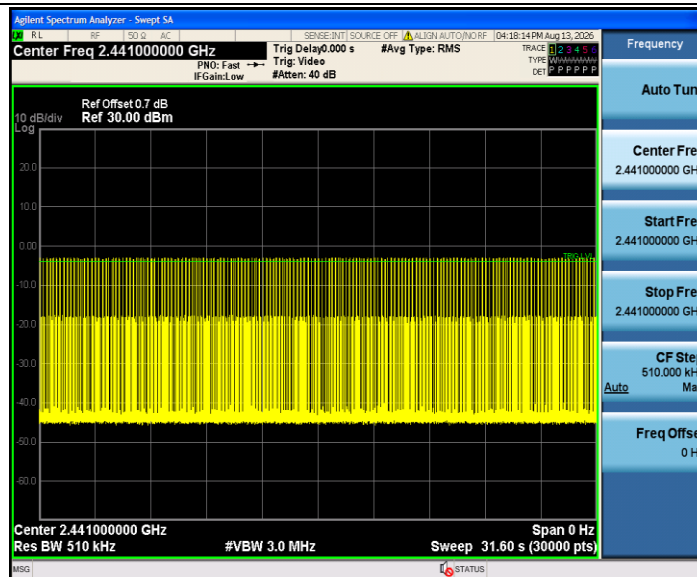
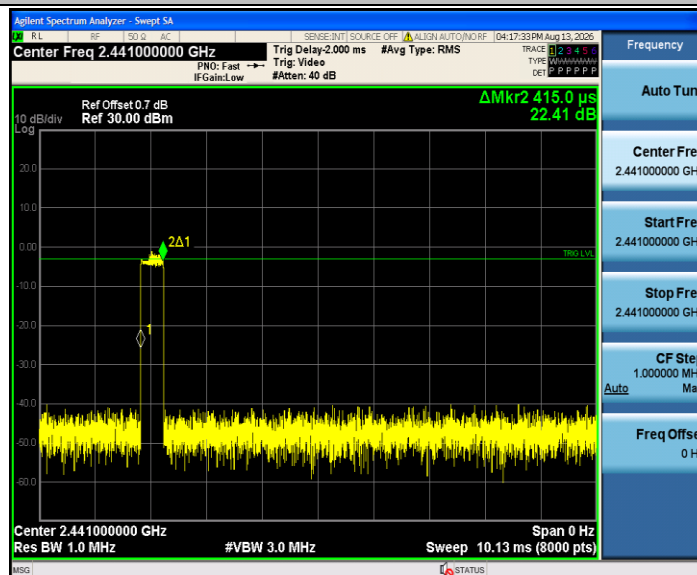


DH5_Ant1_Hop

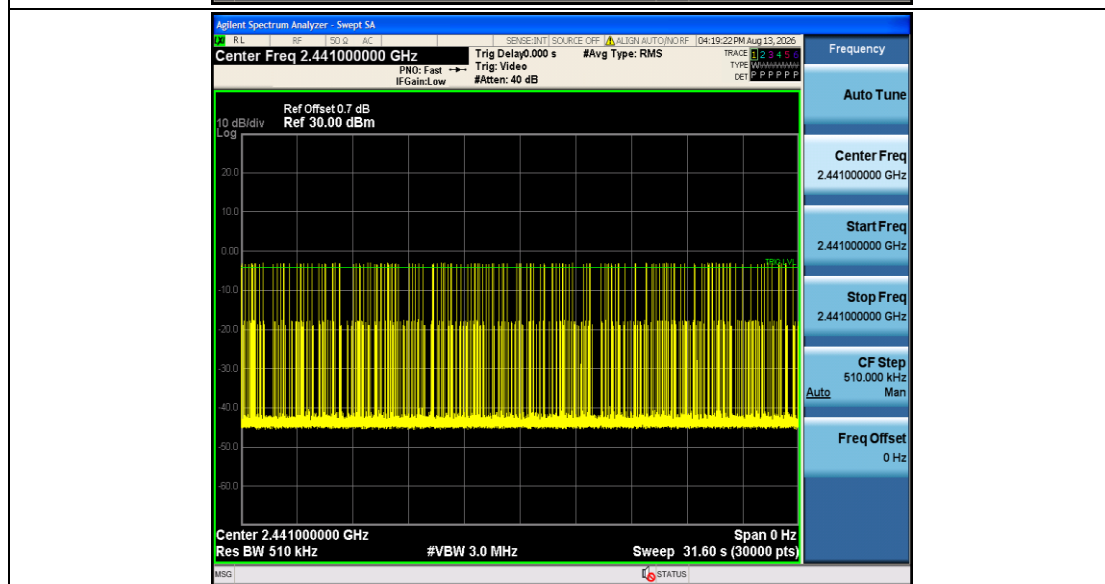
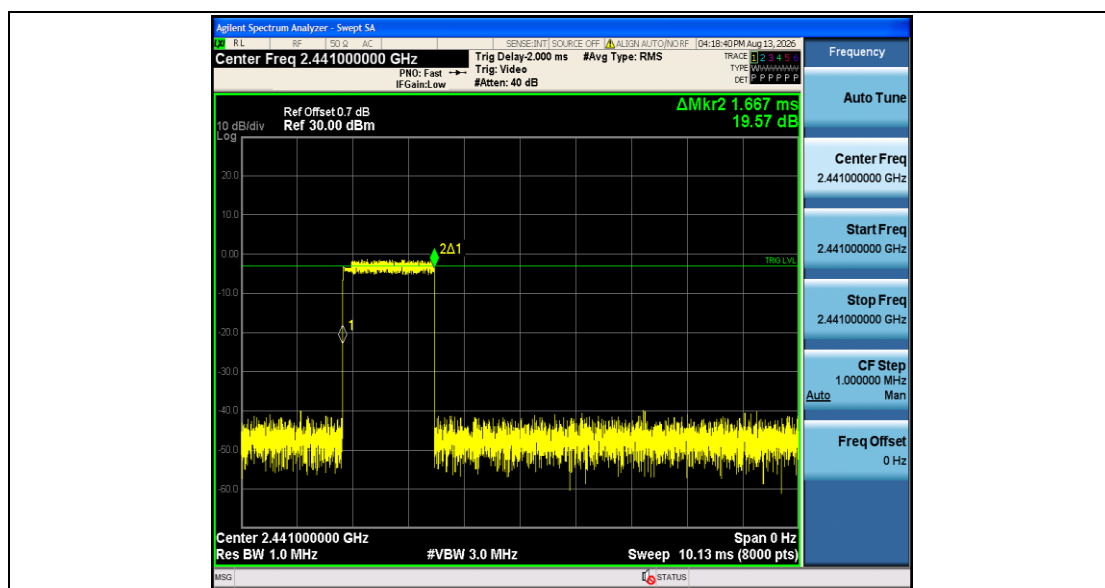




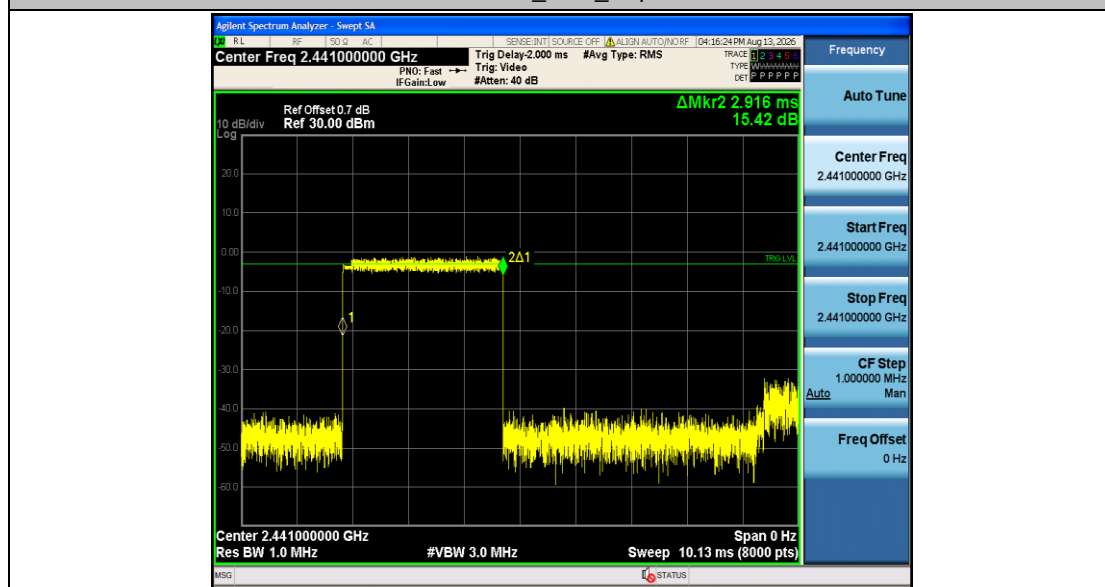
2DH1_Ant1_Hop

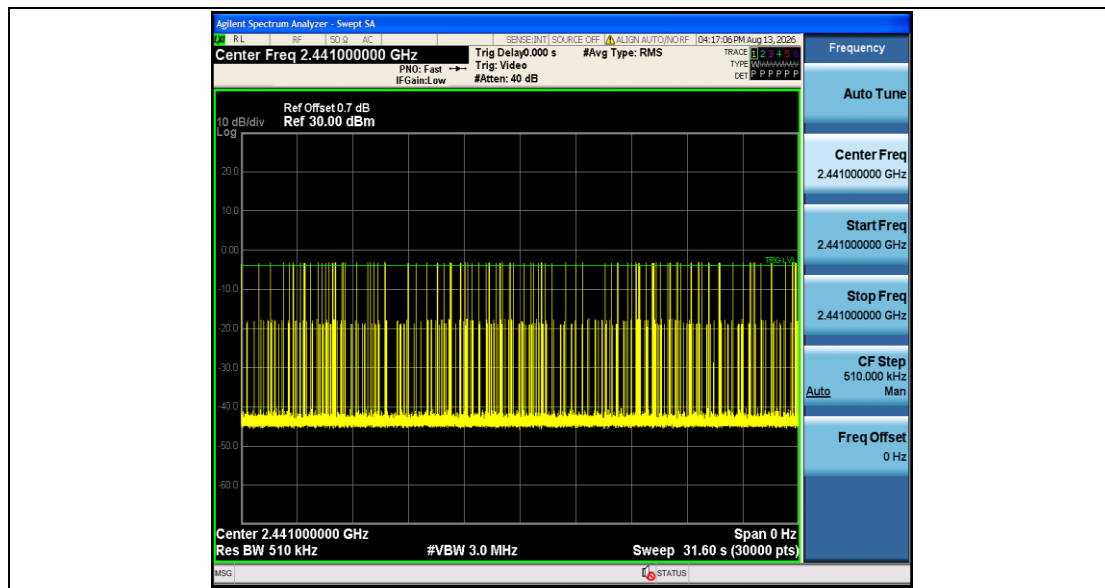


2DH3_Ant1_Hop



2DH5_Ant1_Hop



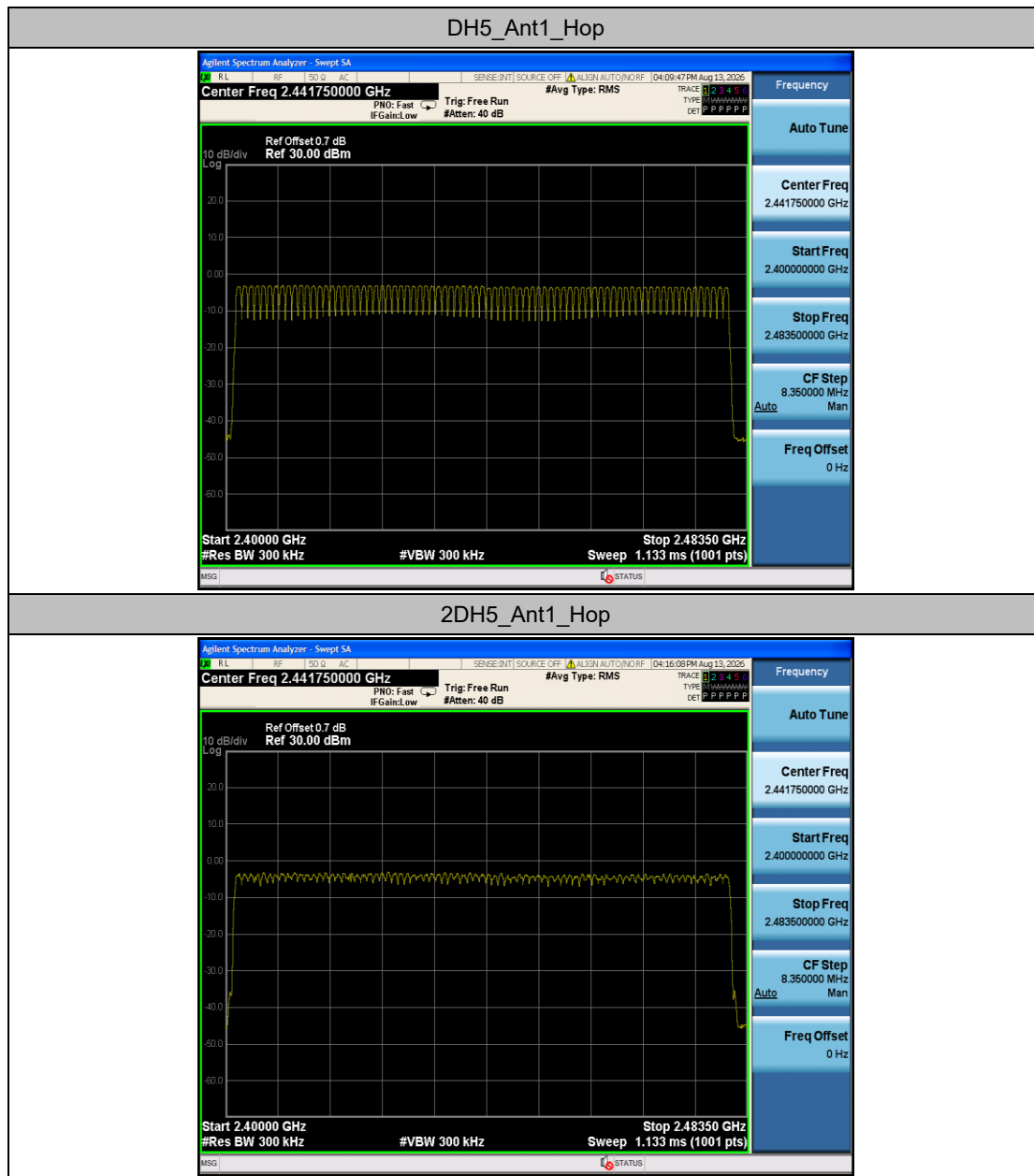


Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

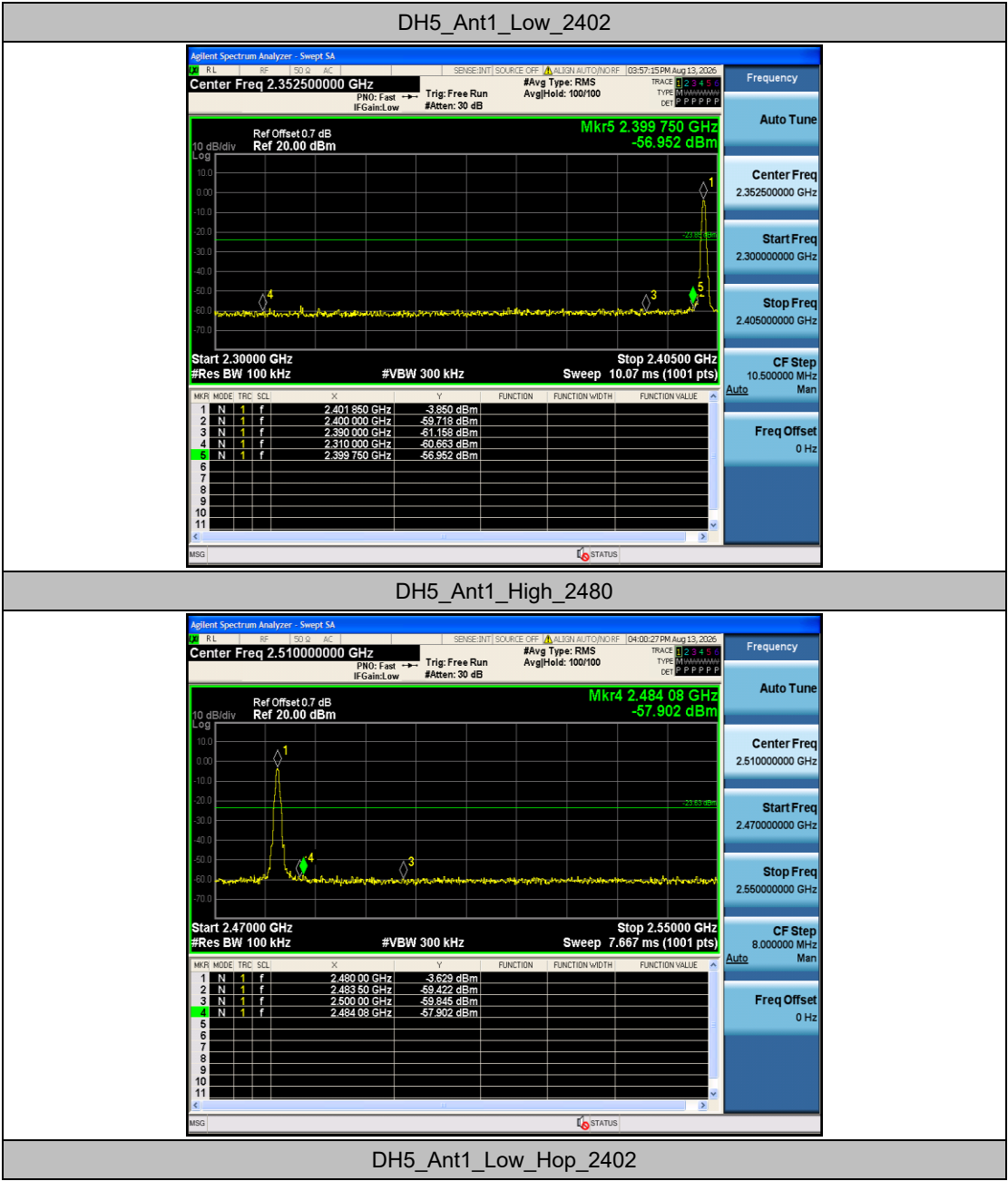


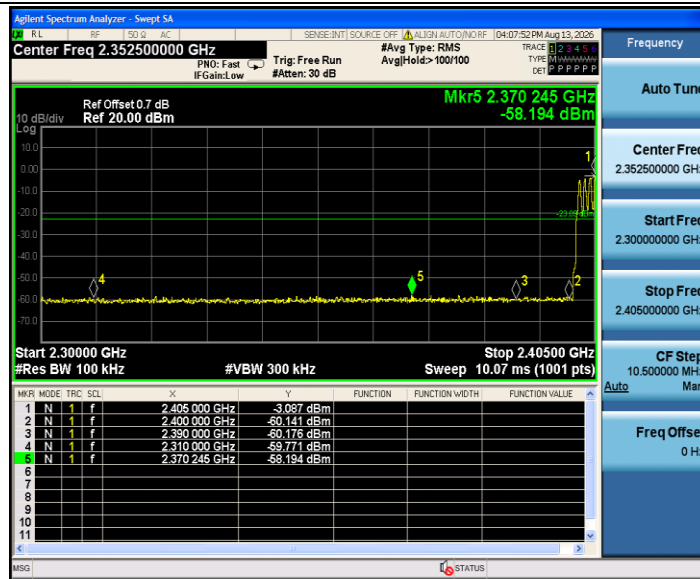
Appendix G: Band edge measurements

Test Result

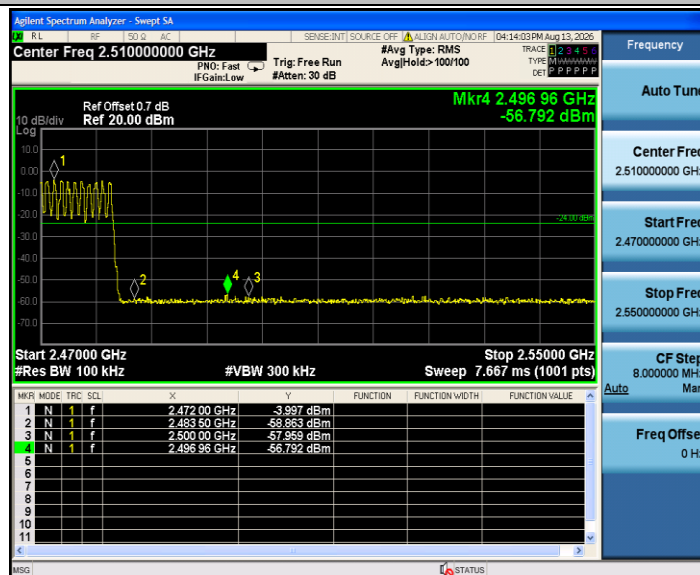
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-3.85	-56.95	≤-23.85	PASS
		High	2480	-3.63	-57.9	≤-23.63	PASS
		Low	Hop_2402	-3.09	-58.19	≤-23.09	PASS
		High	Hop_2480	-4.00	-56.79	≤-24	PASS
2DH5	Ant1	Low	2402	-4.19	-57.07	≤-24.19	PASS
		High	2480	-5.12	-50.93	≤-25.12	PASS
		Low	Hop_2402	-6.00	-57.64	≤-26	PASS
		High	Hop_2480	-3.59	-56.95	≤-23.59	PASS

Test Graphs

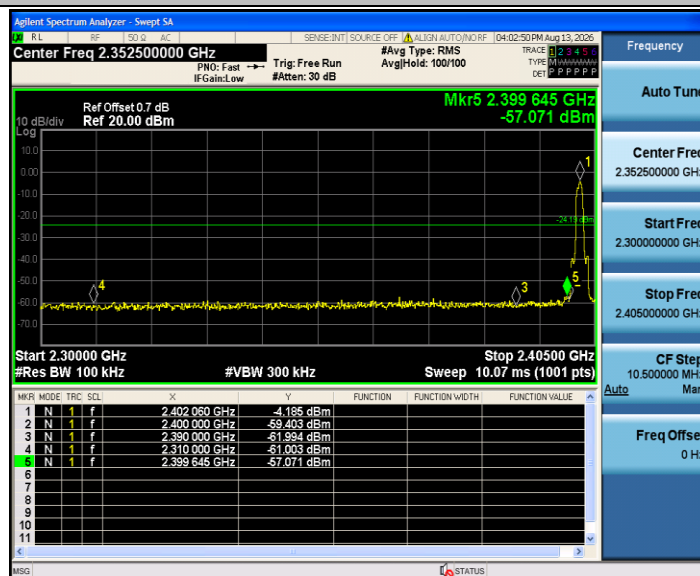




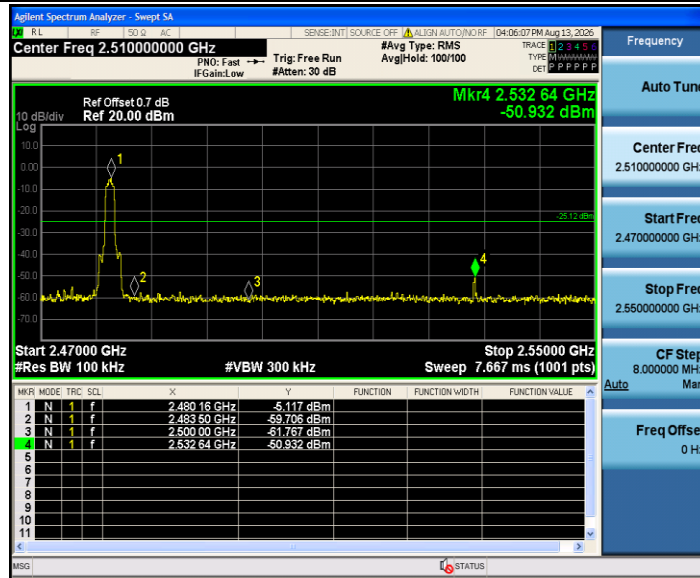
DH5_Ant1_High_Hop_2480



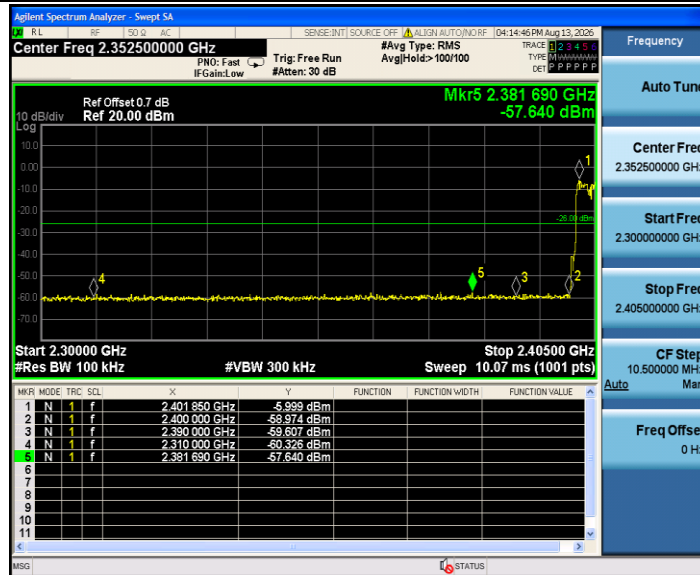
2DH5_Ant1_Low_2402



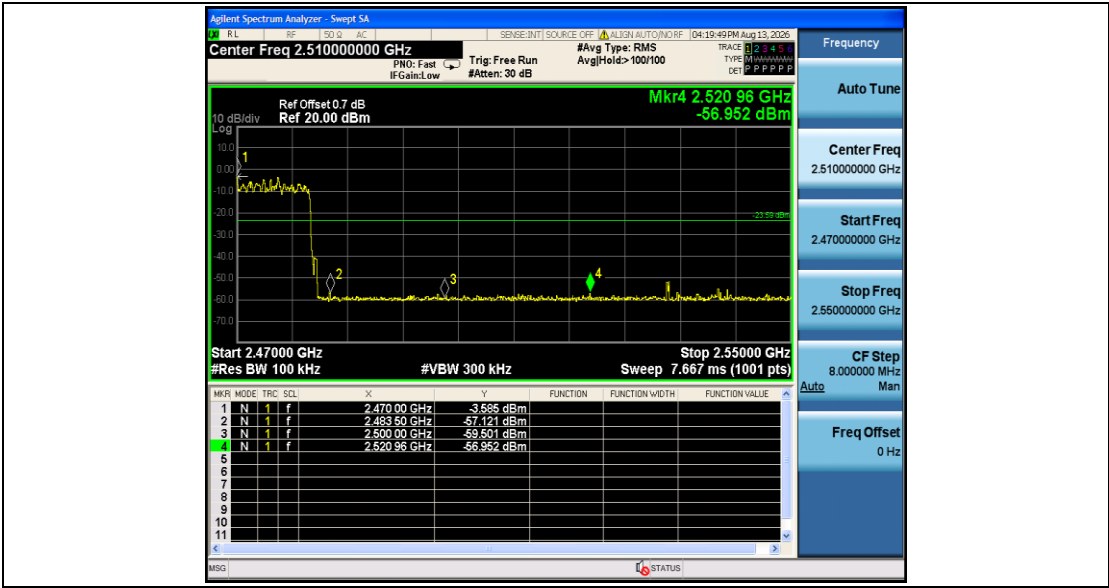
2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480

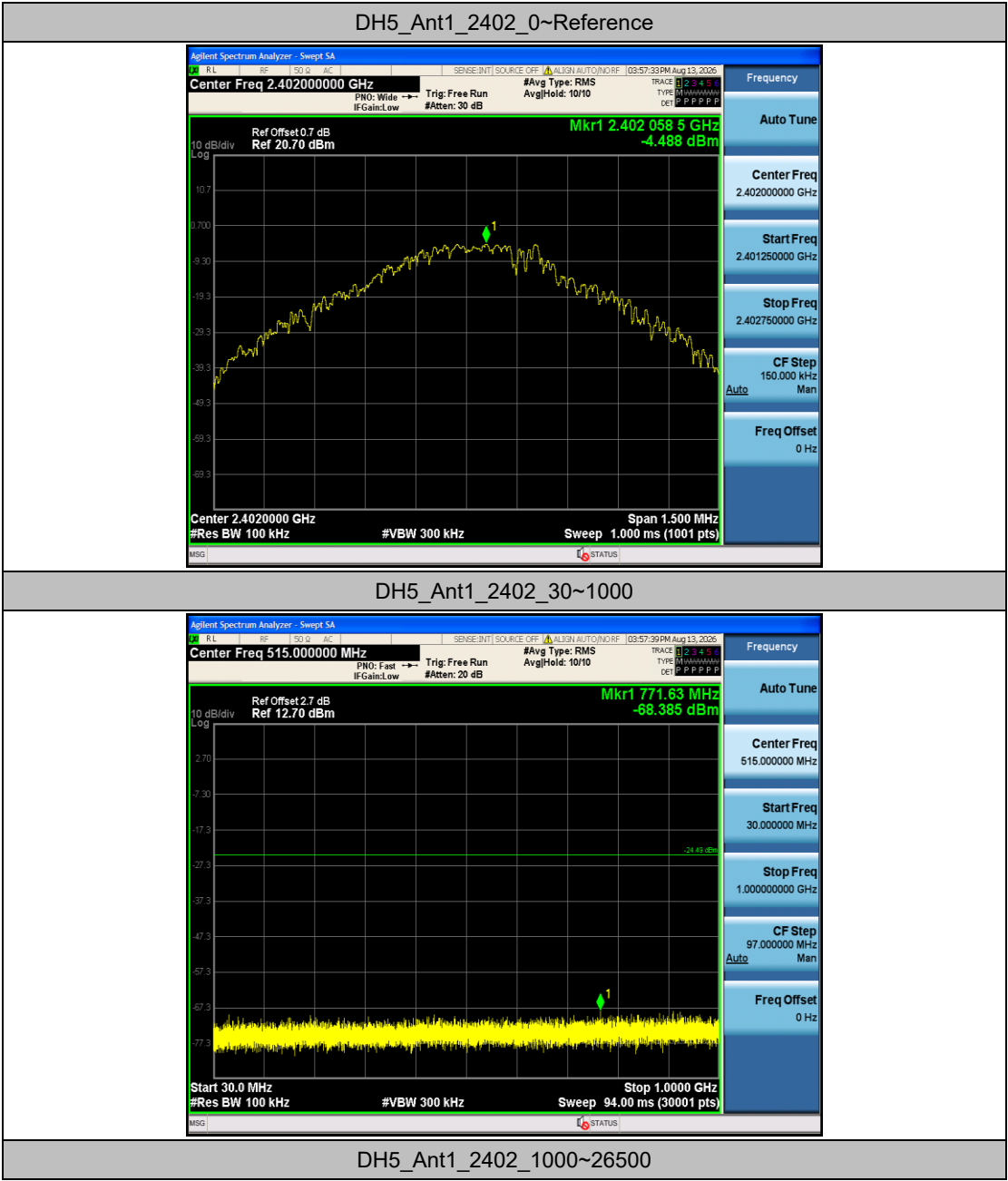


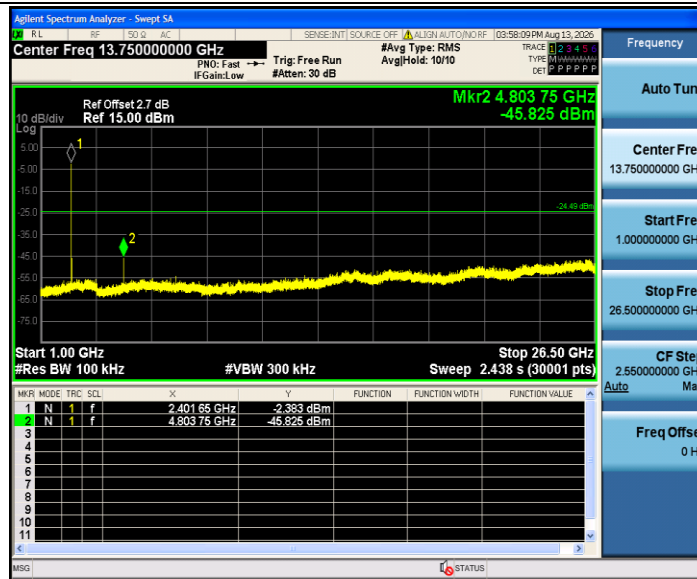
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-4.49	-4.49	---	PASS
			30~1000	-4.49	-68.39	≤-24.49	PASS
			1000~26500	-4.49	-45.83	≤-24.49	PASS
		2441	Reference	-3.38	-3.38	---	PASS
			30~1000	-3.38	-68.07	≤-23.38	PASS
			1000~26500	-3.38	-45.26	≤-23.38	PASS
		2480	Reference	-4.51	-4.51	---	PASS
			30~1000	-4.51	-67.35	≤-24.51	PASS
			1000~26500	-4.51	-46.27	≤-24.51	PASS
2DH5	Ant1	2402	Reference	-5.13	-5.13	---	PASS
			30~1000	-5.13	-67.76	≤-25.13	PASS
			1000~26500	-5.13	-41.31	≤-25.13	PASS
		2441	Reference	-3.35	-3.35	---	PASS
			30~1000	-3.35	-66.94	≤-23.35	PASS
			1000~26500	-3.35	-46.23	≤-23.35	PASS
		2480	Reference	-3.65	-3.65	---	PASS
			30~1000	-3.65	-67.37	≤-23.65	PASS
			1000~26500	-3.65	-44.94	≤-23.65	PASS

Test Graphs

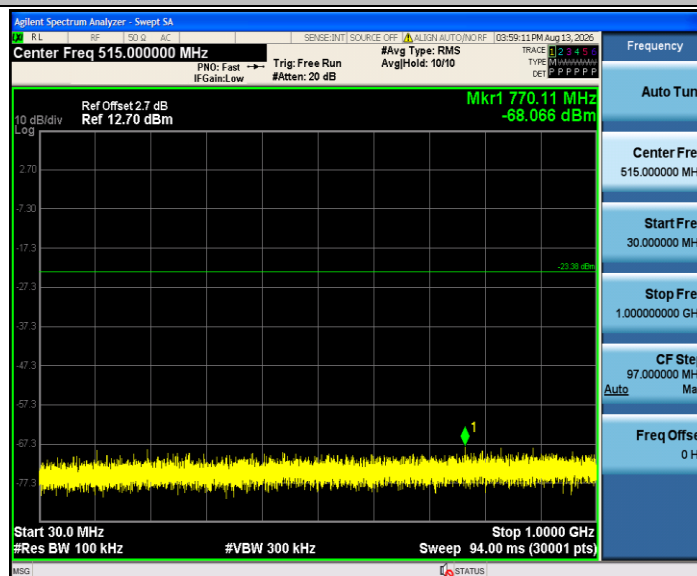




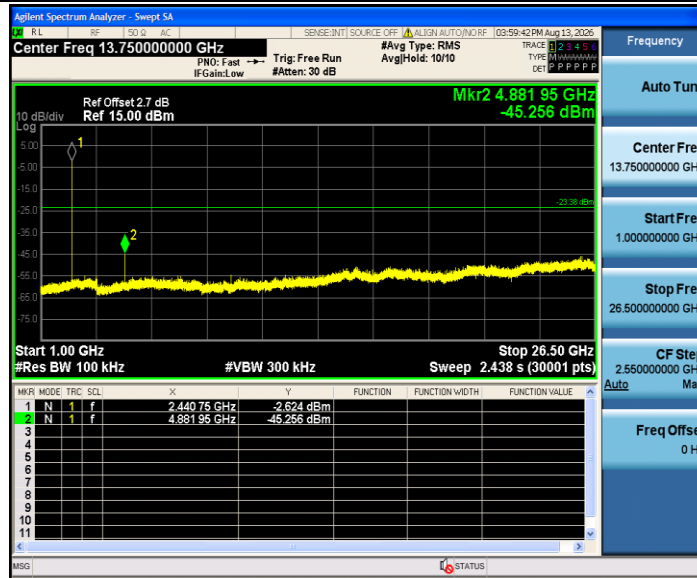
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



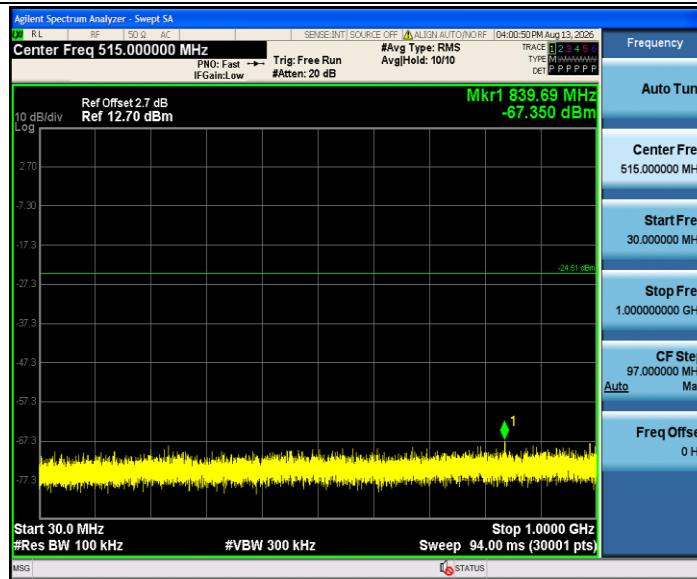
DH5_Ant1_2441_1000~26500



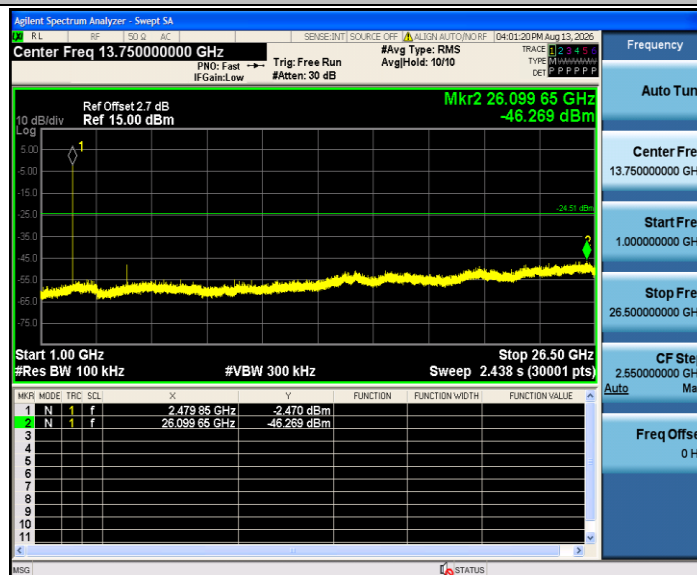
DH5_Ant1_2480_0~Reference



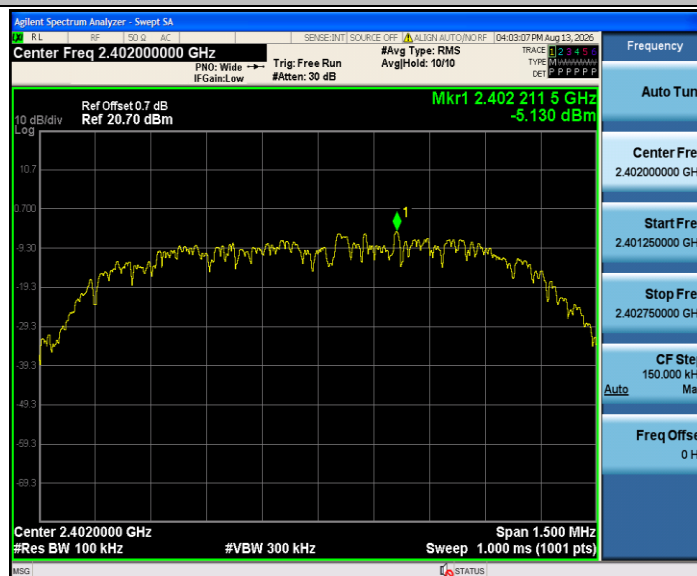
DH5_Ant1_2480_30~1000



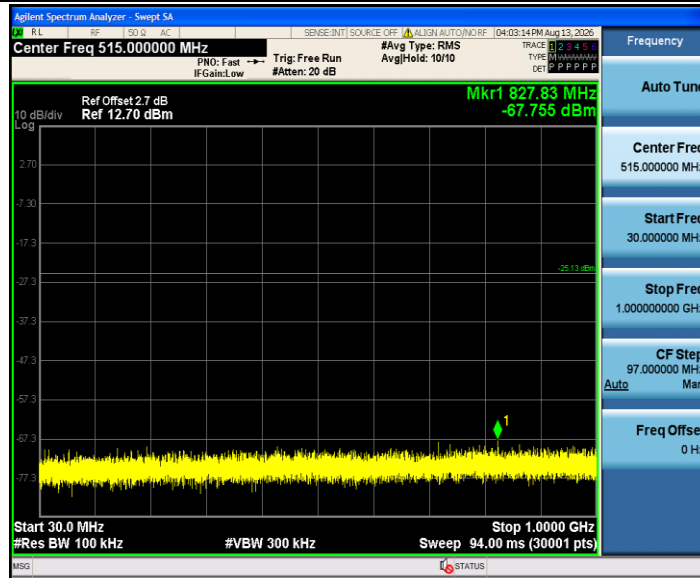
DH5_Ant1_2480_1000~26500



2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



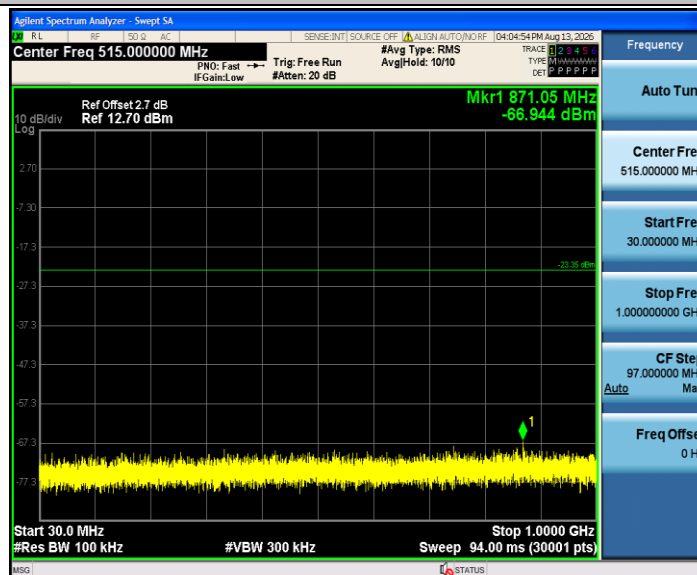
2DH5_Ant1_2402_1000~26500



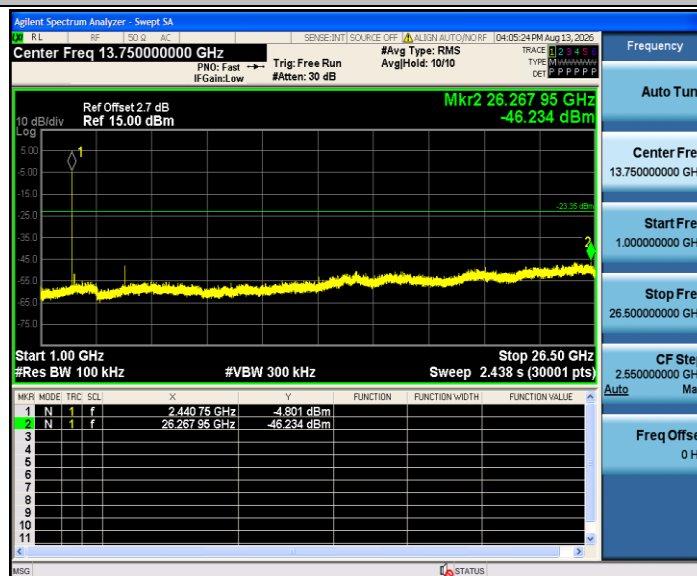
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



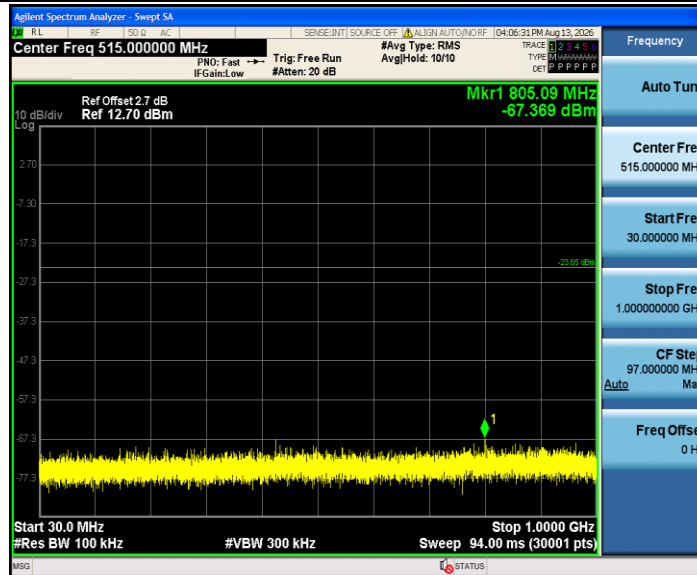
2DH5_Ant1_2441_1000~26500



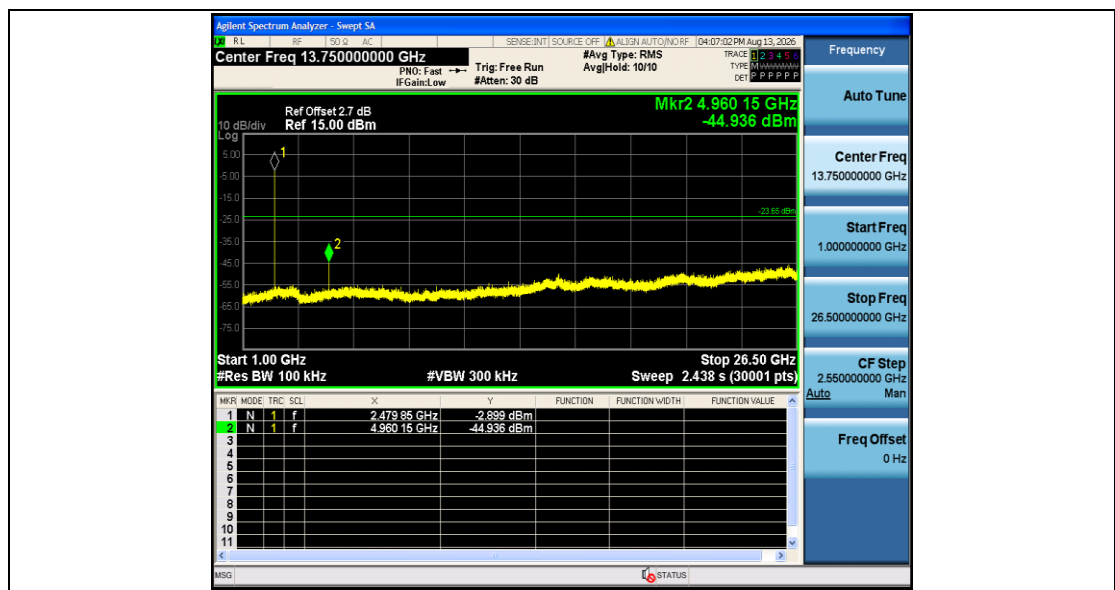
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



2DH5_Ant1_2480_1000~26500



Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.91	3.75	77.60	1.10	---	---
		2441	2.91	3.75	77.60	1.10	---	---
		2480	2.91	3.75	77.60	1.10	---	---
2DH5	Ant1	2402	2.92	3.75	77.87	1.09	---	---
		2441	2.92	3.76	77.66	1.10	---	---
		2480	2.92	3.75	77.87	1.09	---	---