

FCC Appendix RF Test Data

FCC ID : 2BP7W-B008-UP

Company: : Zhongshan Zhuofeng Hardware Products Co., Ltd.

EUT : Baby Rocking Chair

Model Number : B008-UP

Report No. : CTA25060901001

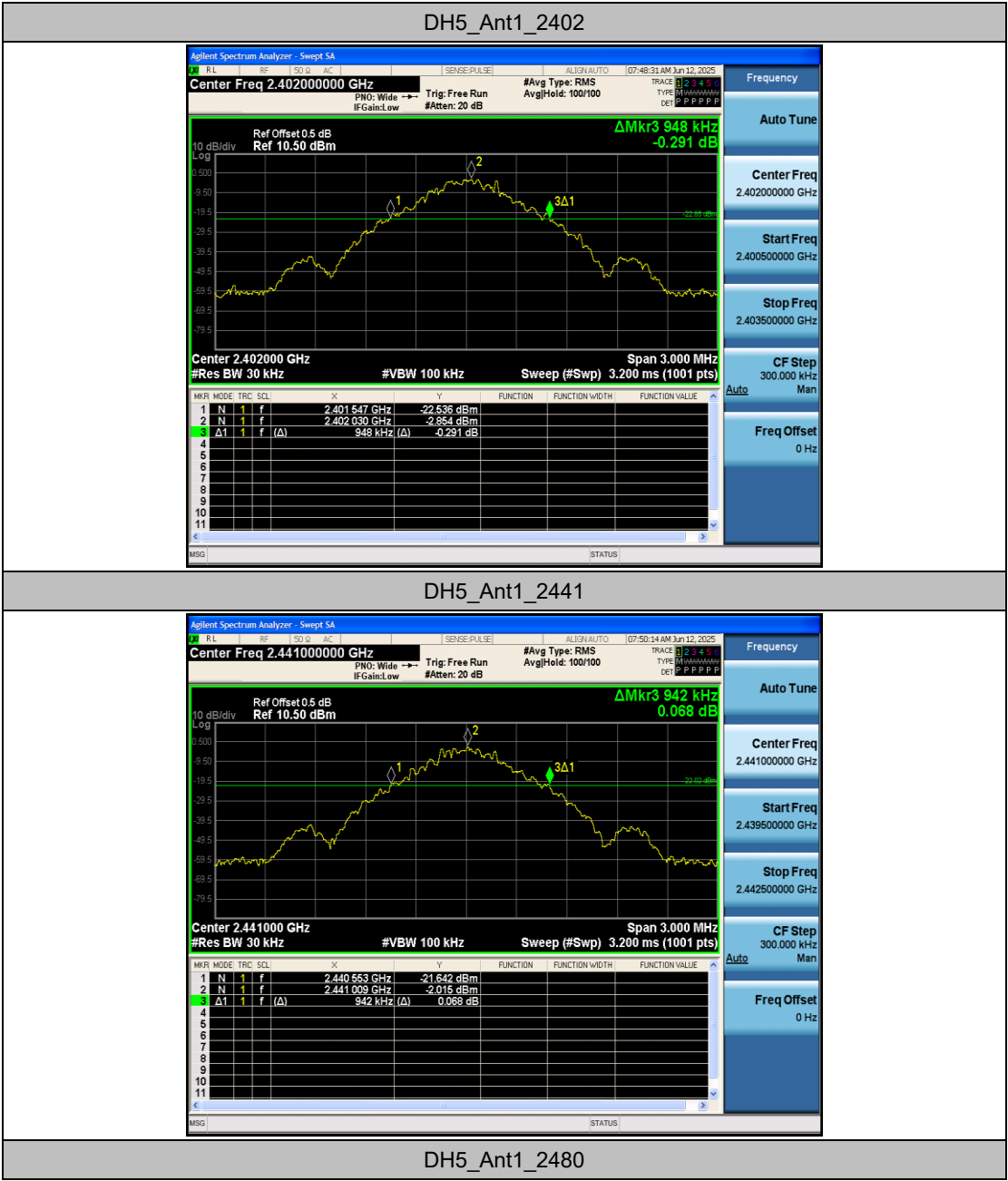
Reviewed By : Eric Wang

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.948	2401.547	2402.495	---	---
		2441	0.942	2440.553	2441.495	---	---
		2480	0.951	2479.547	2480.498	---	---
2DH5	Ant1	2402	1.284	2401.379	2402.663	---	---
		2441	1.278	2440.382	2441.660	---	---
		2480	1.281	2479.379	2480.660	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480

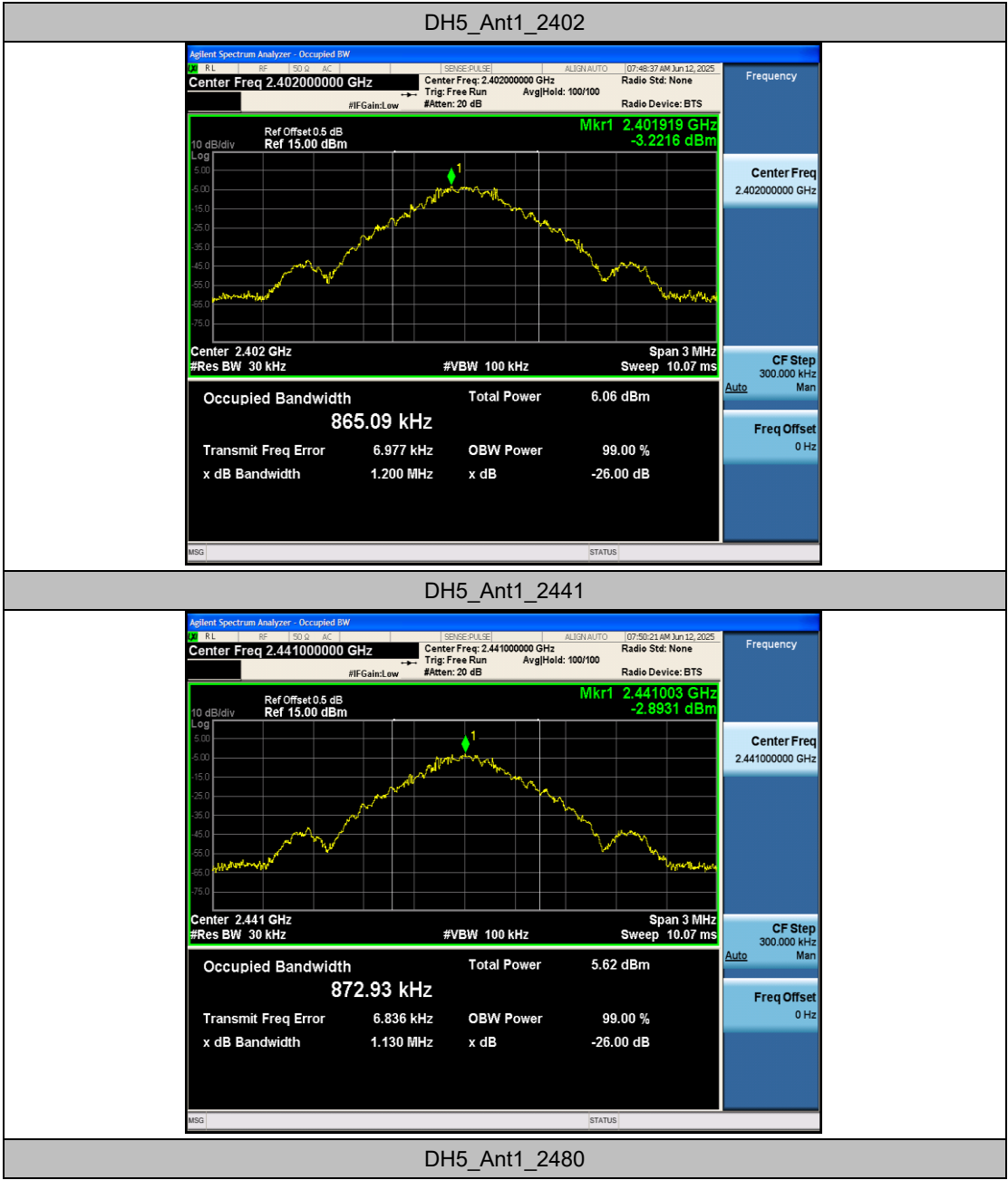


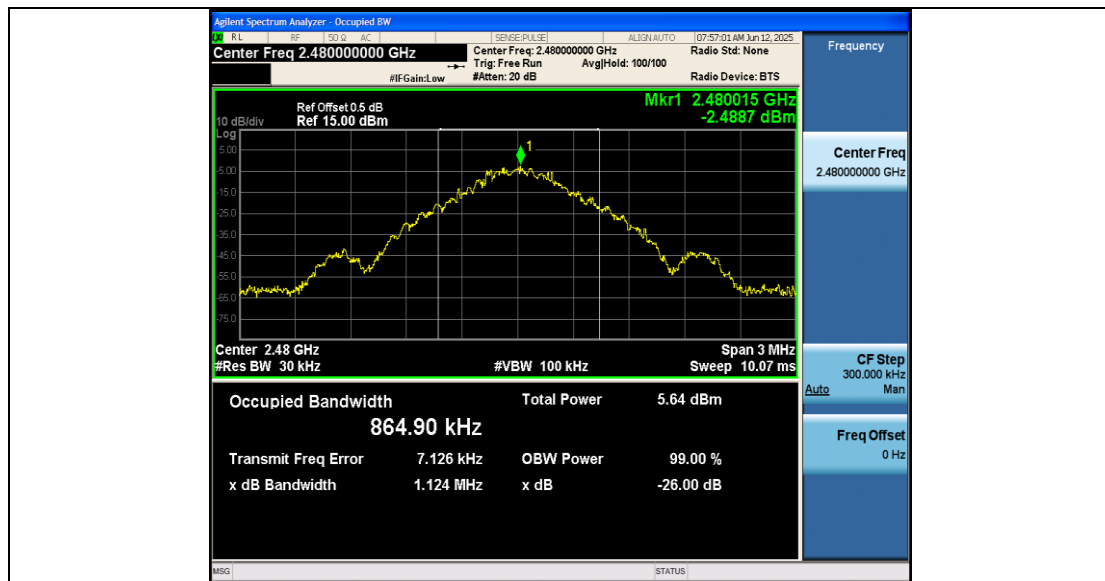
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86509	2401.5744	2402.4395	---	---
		2441	0.87293	2440.5704	2441.4433	---	---
		2480	0.86490	2479.5747	2480.4396	---	---
2DH5	Ant1	2402	1.1864	2401.4169	2402.6033	---	---
		2441	1.1869	2440.4163	2441.6032	---	---
		2480	1.1924	2479.4142	2480.6066	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



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	0.08	≤20.97	PASS
		2441	-0.19	≤20.97	PASS
		2480	-0.30	≤20.97	PASS
2DH5	Ant1	2402	-0.74	≤20.97	PASS
		2441	-1.00	≤20.97	PASS
		2480	-1.11	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.988	≥ 0.951	PASS
2DH5	Ant1	Hop	1.008	≥ 0.856	PASS

Test Graphs

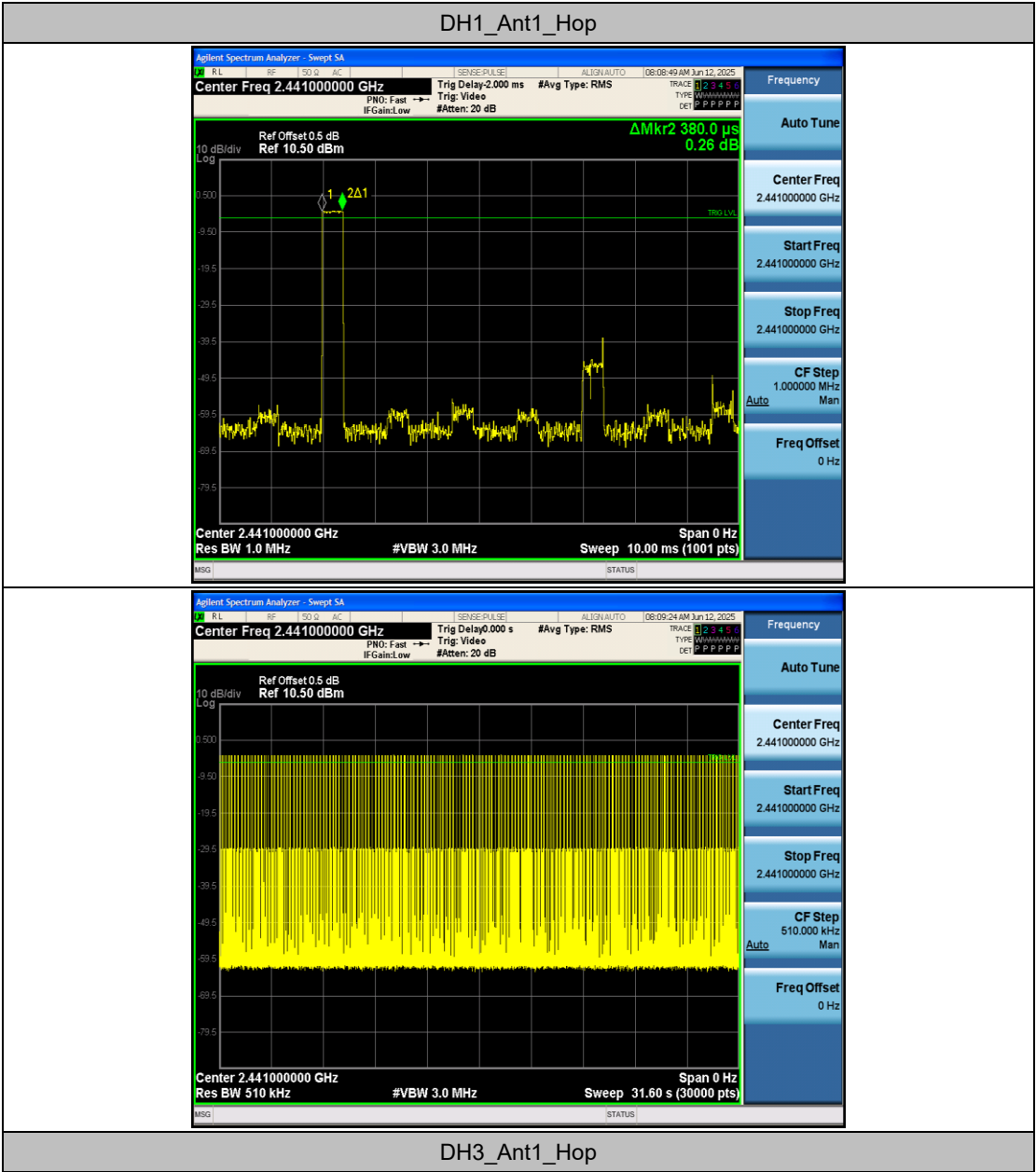


Appendix E: Time of occupancy

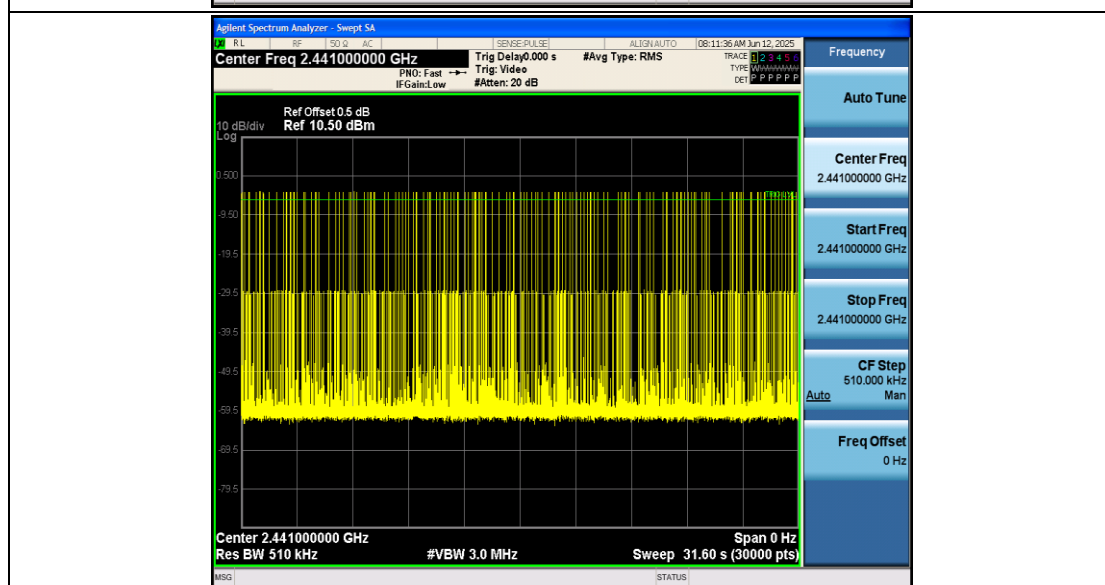
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.380	320	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.640	156	0.256	≤0.4	PASS
DH5	Ant1	Hop	2.890	111	0.321	≤0.4	PASS
2DH1	Ant1	Hop	0.390	318	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.640	154	0.253	≤0.4	PASS
2DH5	Ant1	Hop	2.900	104	0.302	≤0.4	PASS

Test Graphs

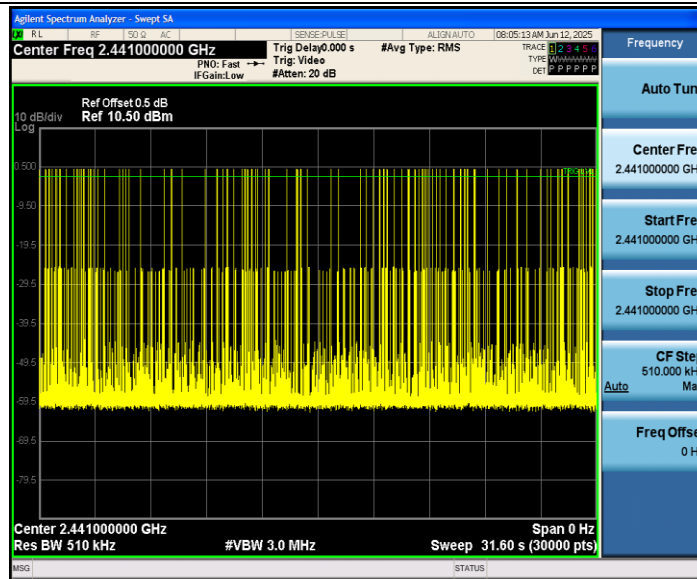


DH3_Ant1_Hop

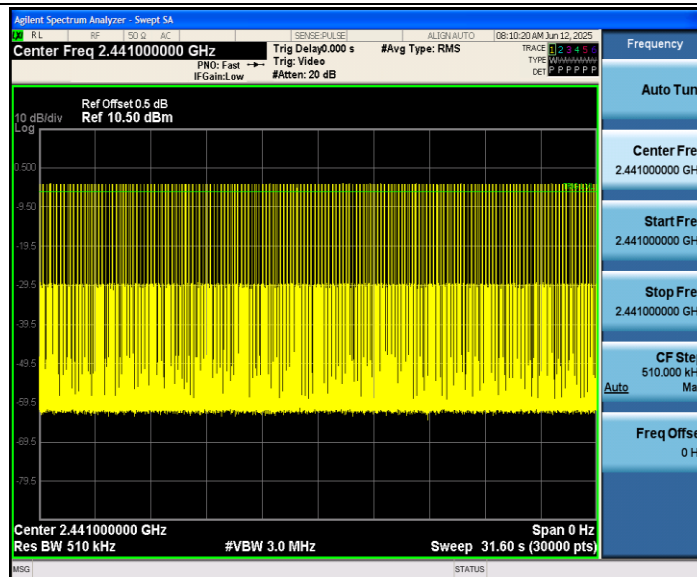
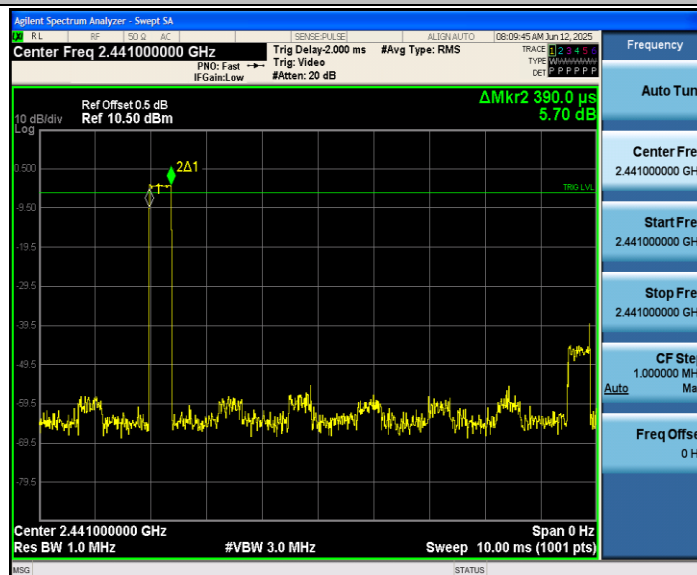


DH5_Ant1_Hop

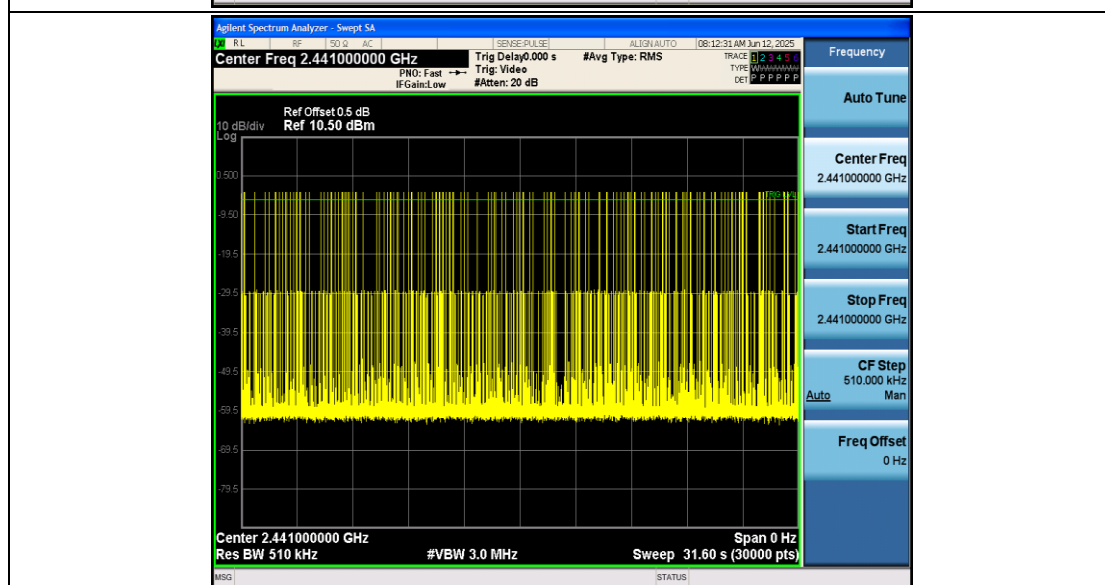




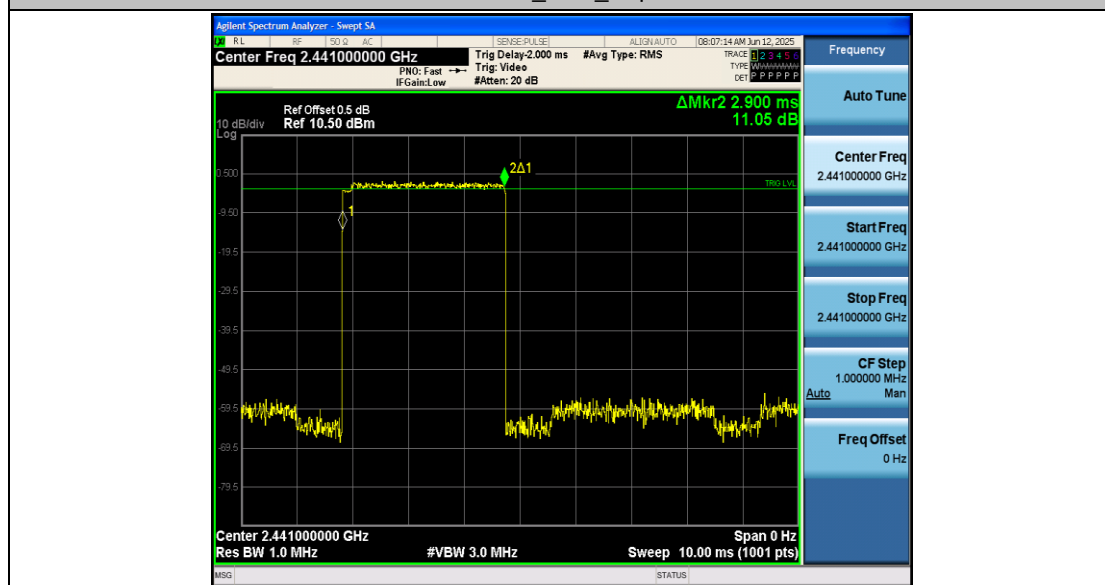
2DH1_Ant1_Hop

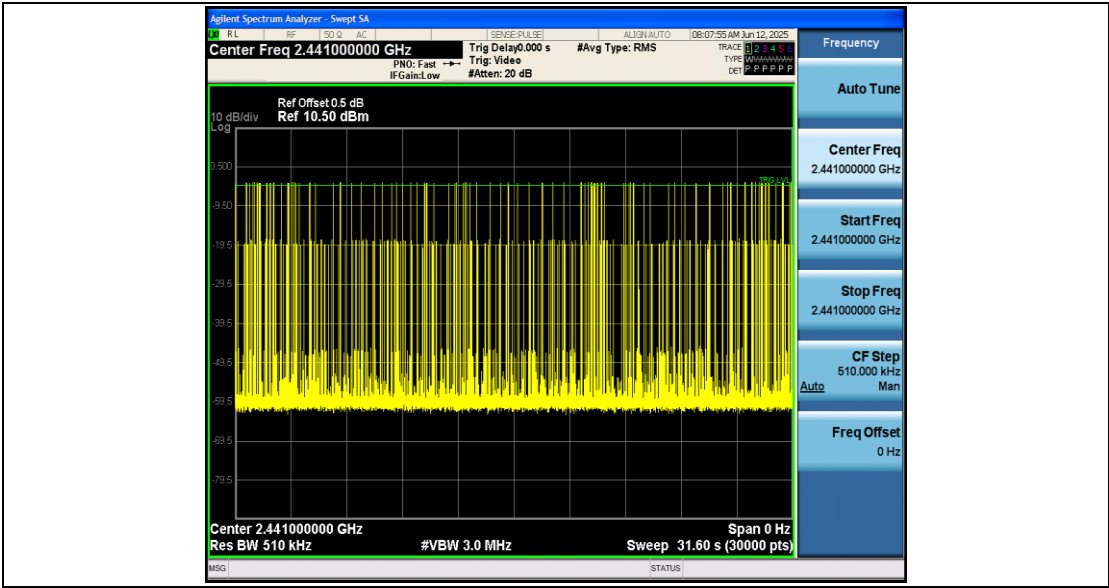


2DH3_Ant1_Hop



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

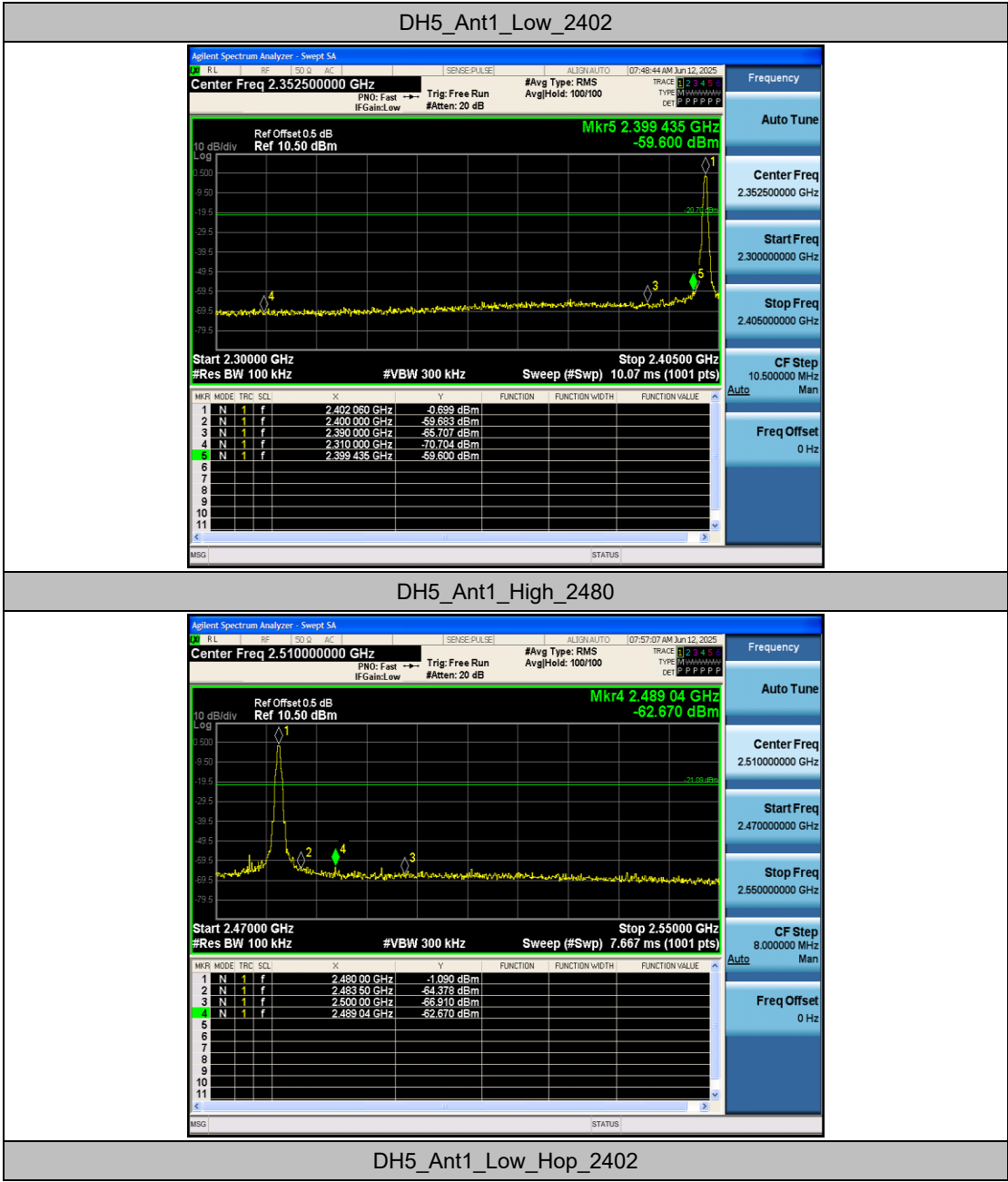


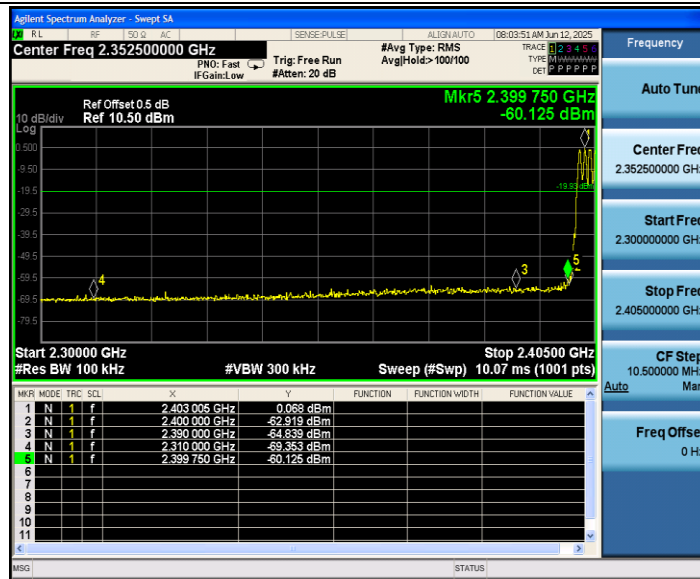
Appendix G: Band edge measurements

Test Result

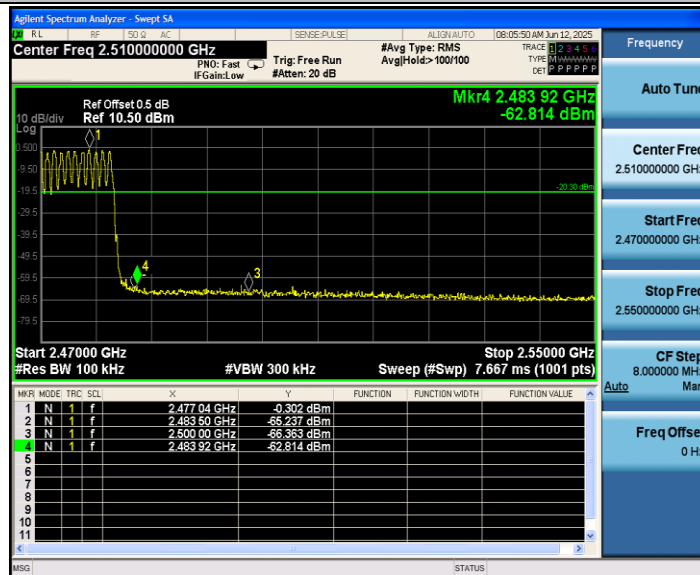
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.70	-59.6	≤-20.7	PASS
		High	2480	-1.09	-62.67	≤-21.09	PASS
		Low	Hop_2402	0.07	-60.13	≤-19.93	PASS
		High	Hop_2480	-0.30	-62.81	≤-20.3	PASS
2DH5	Ant1	Low	2402	-3.75	-60.45	≤-23.75	PASS
		High	2480	-5.12	-55.81	≤-25.12	PASS
		Low	Hop_2402	-6.23	-61.68	≤-26.23	PASS
		High	Hop_2480	-8.22	-65.14	≤-28.22	PASS

Test Graphs

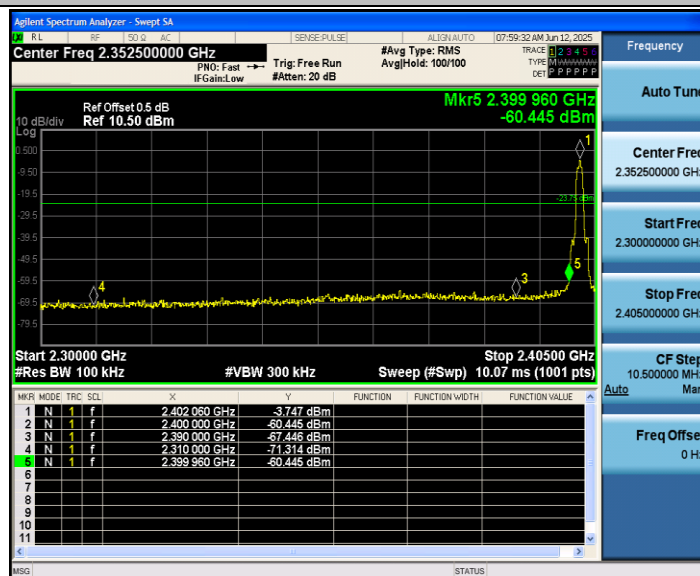




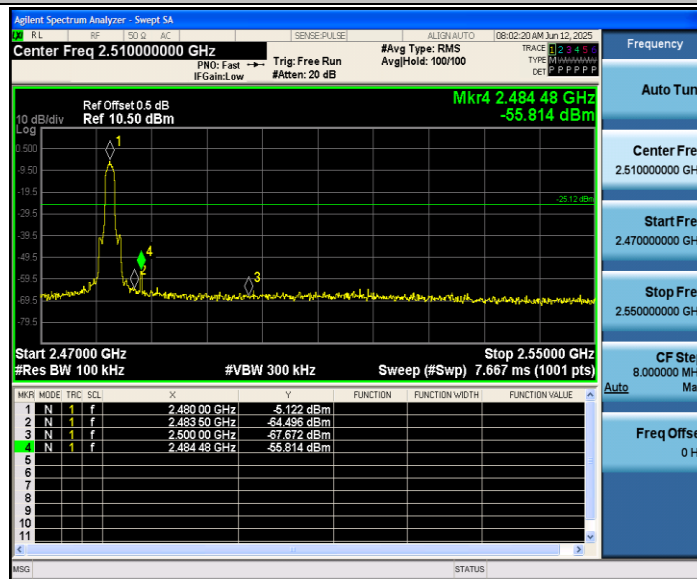
DH5_Ant1_High_Hop_2480



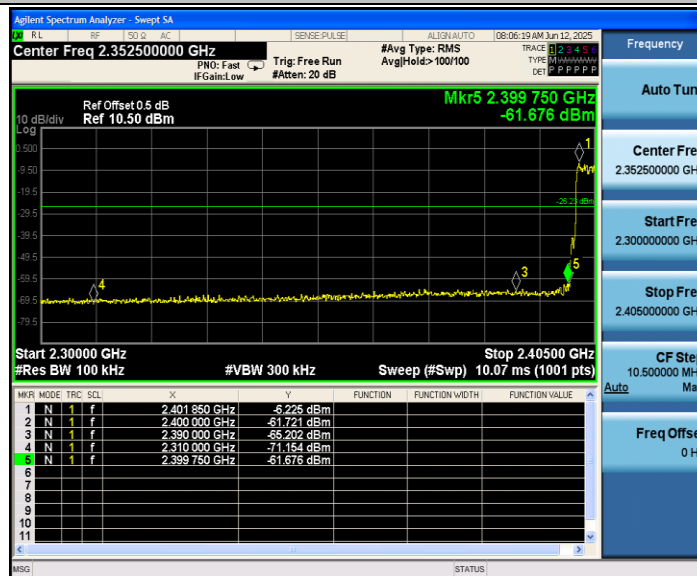
2DH5_Ant1_Low_2402



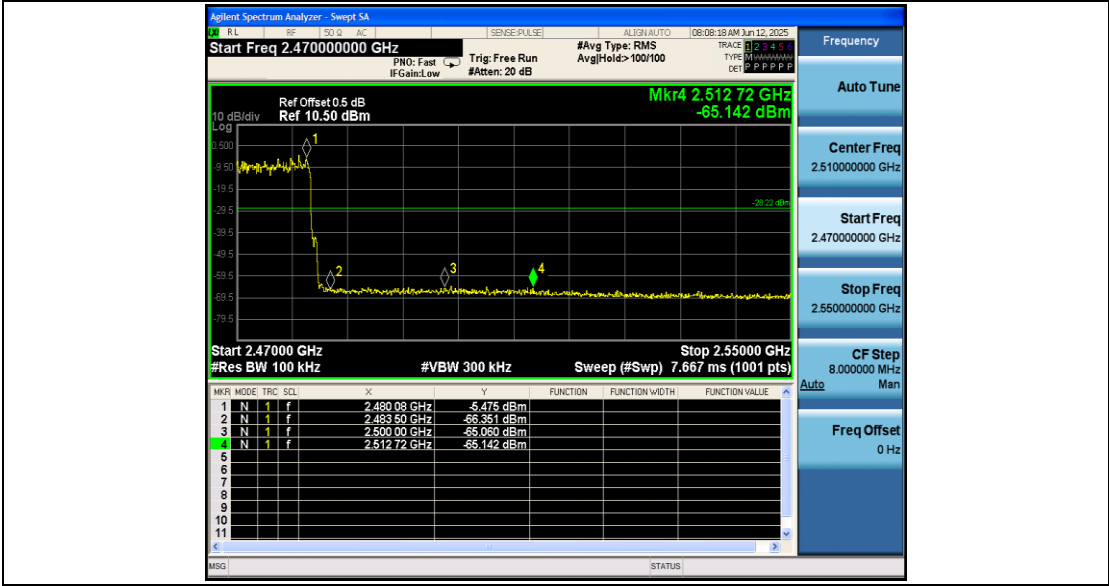
2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480

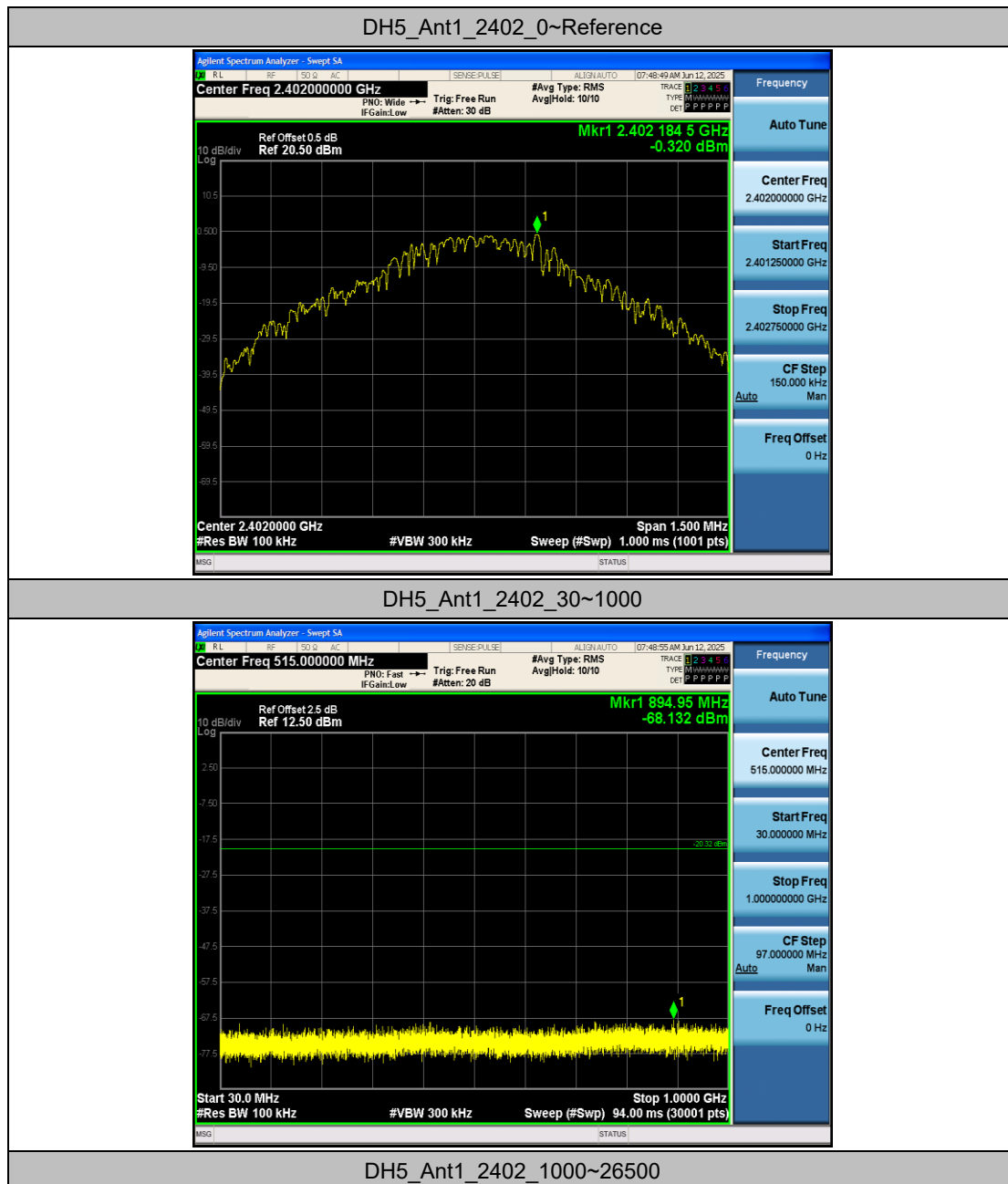


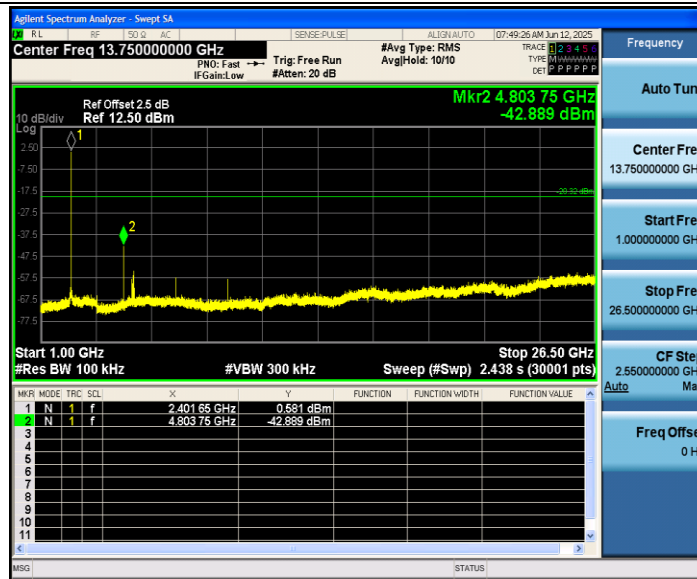
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.32	-0.32	---	PASS
			30~1000	-0.32	-68.13	≤-20.32	PASS
			1000~26500	-0.32	-42.89	≤-20.32	PASS
		2441	Reference	-1.39	-1.39	---	PASS
			30~1000	-1.39	-68.19	≤-21.39	PASS
			1000~26500	-1.39	-44.74	≤-21.39	PASS
		2480	Reference	-1.46	-1.46	---	PASS
			30~1000	-1.46	-67.86	≤-21.46	PASS
			1000~26500	-1.46	-42.54	≤-21.46	PASS
2DH5	Ant1	2402	Reference	-5.65	-5.65	---	PASS
			30~1000	-5.65	-67.8	≤-25.65	PASS
			1000~26500	-5.65	-45.23	≤-25.65	PASS
		2441	Reference	-7.57	-7.57	---	PASS
			30~1000	-7.57	-68.28	≤-27.57	PASS
			1000~26500	-7.57	-47.03	≤-27.57	PASS
		2480	Reference	-4.84	-4.84	---	PASS
			30~1000	-4.84	-68.04	≤-24.84	PASS
			1000~26500	-4.84	-49.08	≤-24.84	PASS

Test Graphs

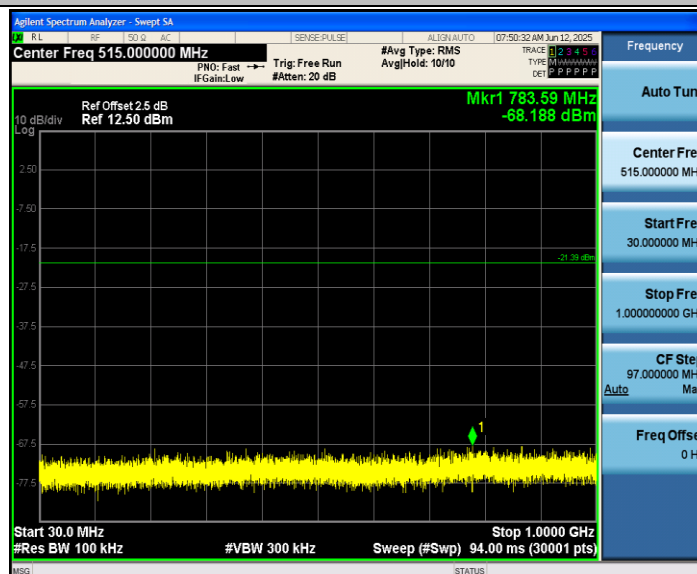




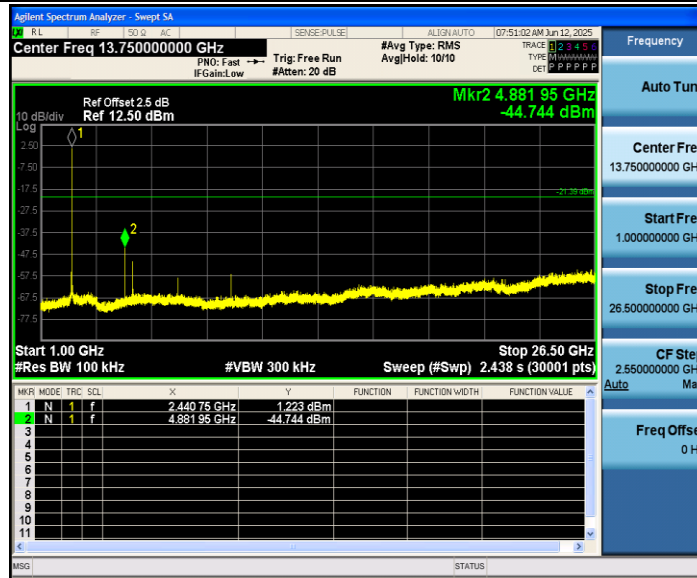
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



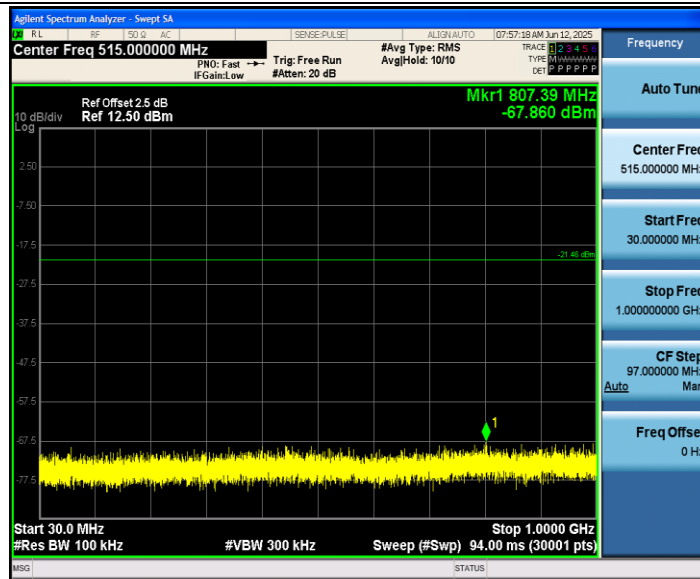
DH5_Ant1_2441_1000~26500



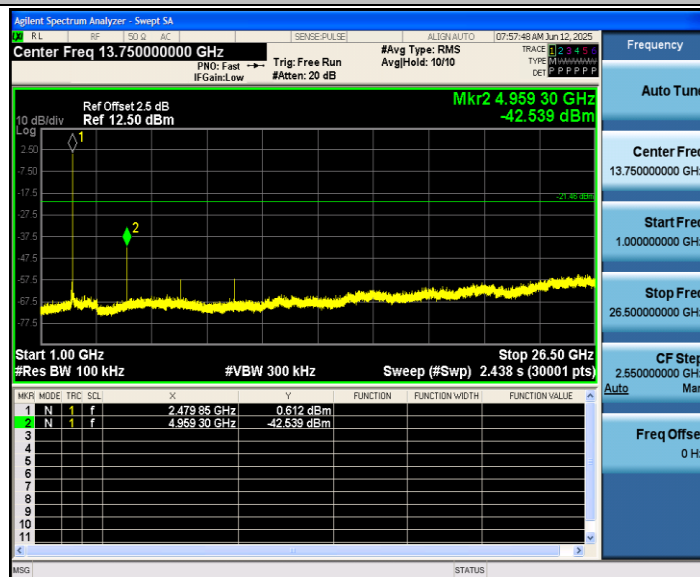
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000



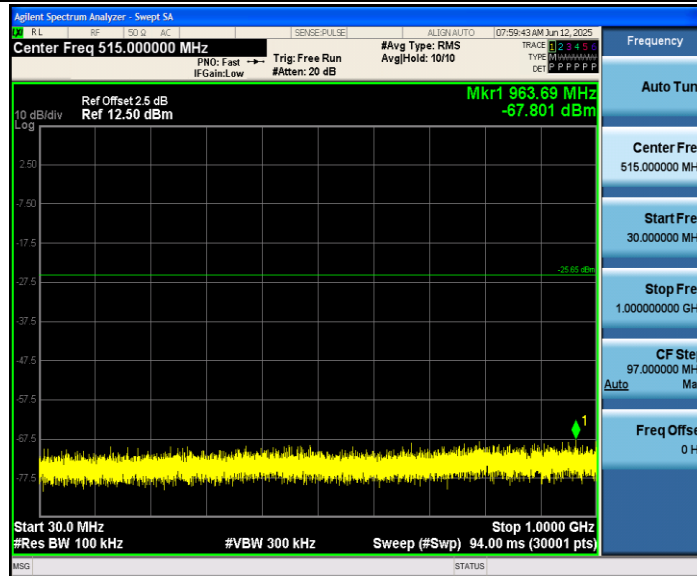
DH5_Ant1_2480_1000~26500



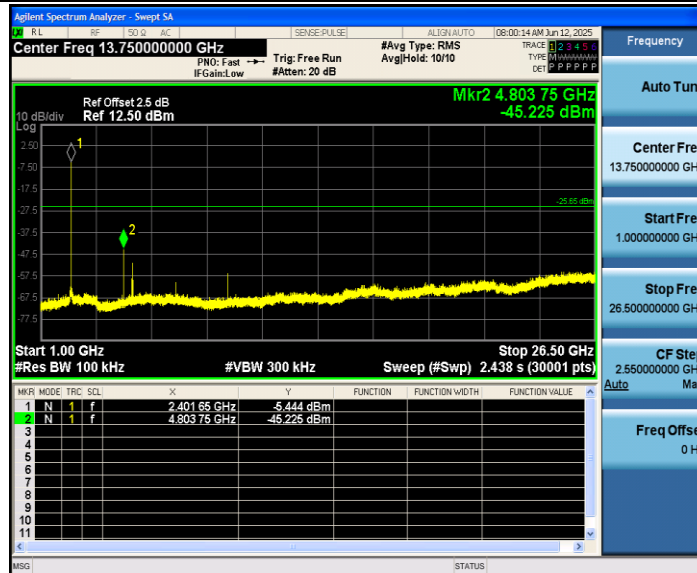
2DH5_Ant1_2402_0~Reference



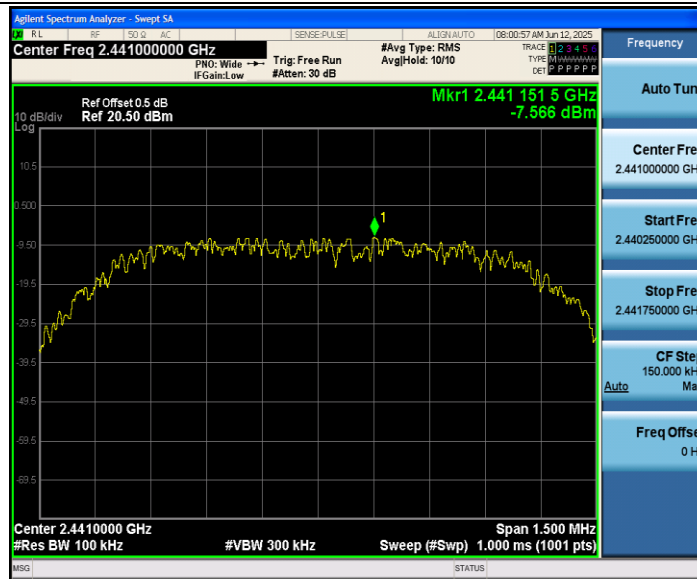
2DH5_Ant1_2402_30~1000



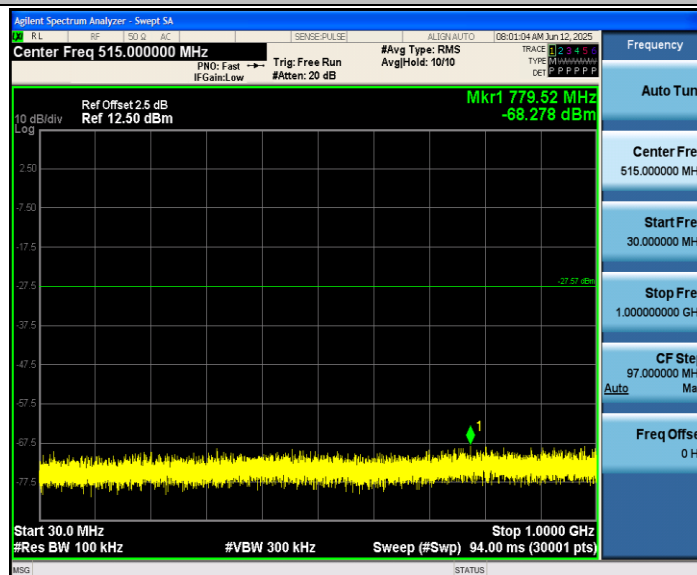
2DH5_Ant1_2402_1000~26500



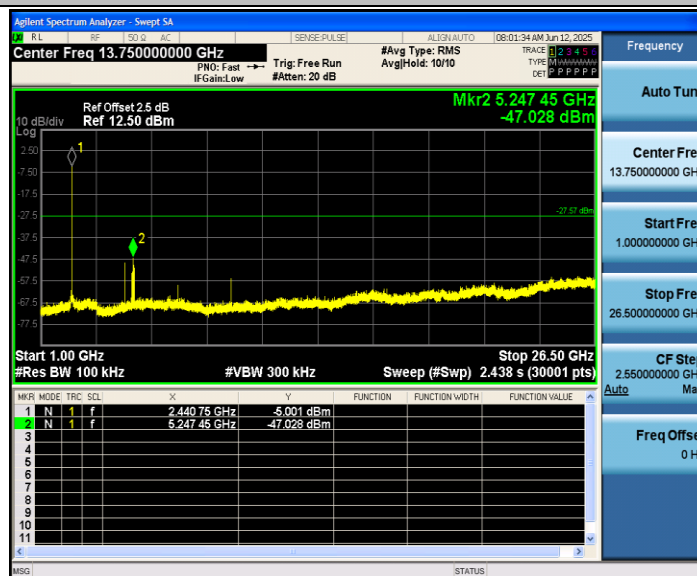
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



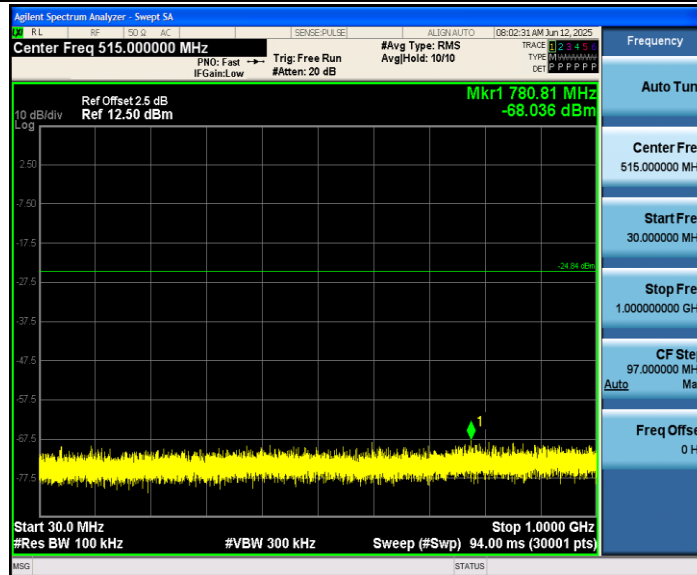
2DH5_Ant1_2441_1000~26500



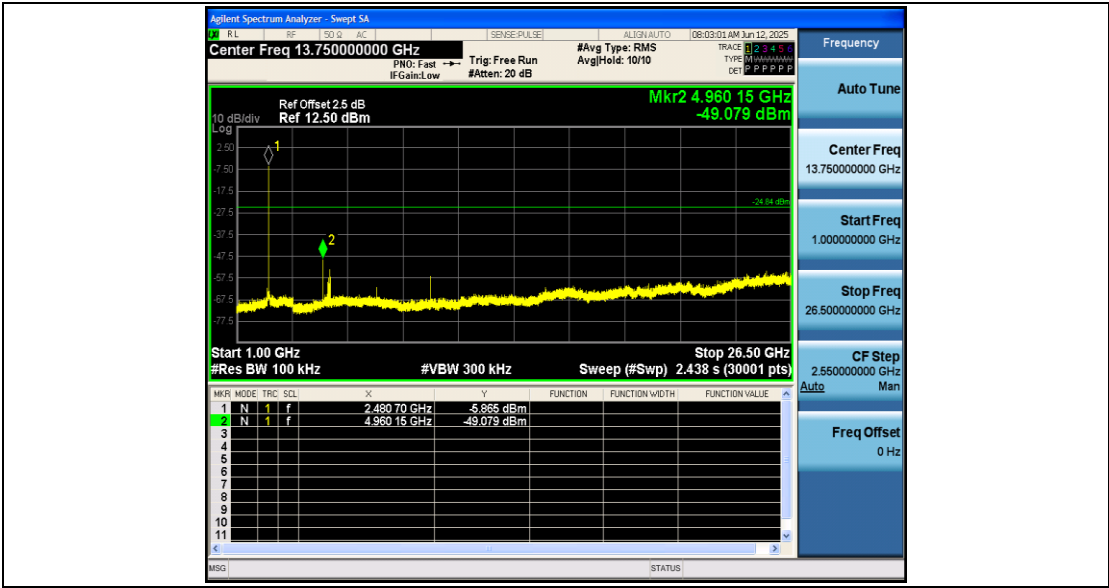
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



2DH5_Ant1_2480_1000~26500

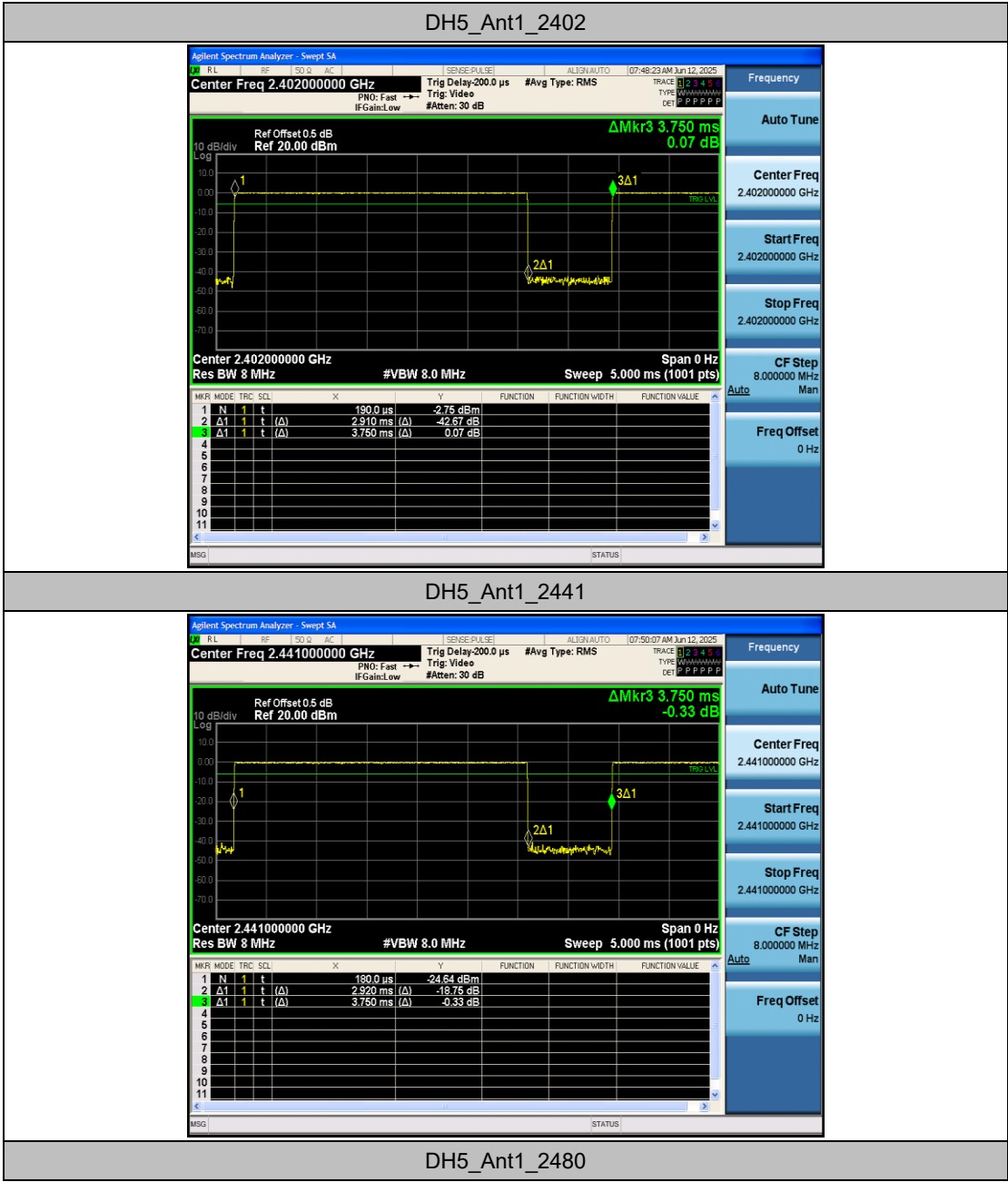


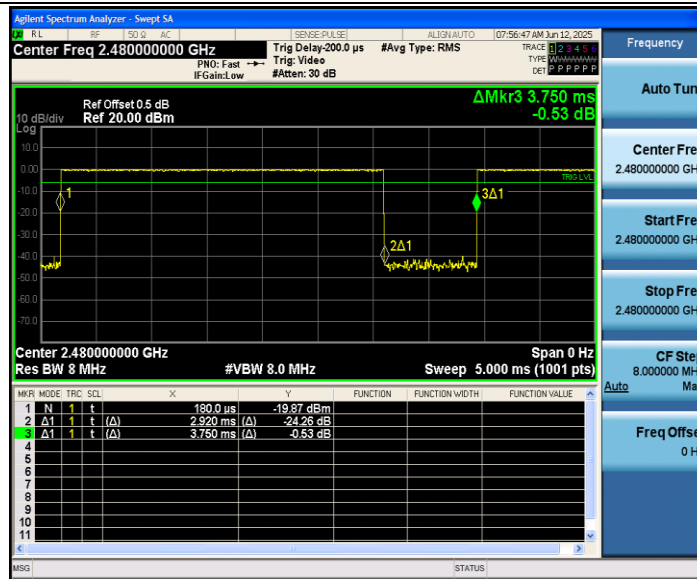
Appendix I: Duty Cycle

Test Result

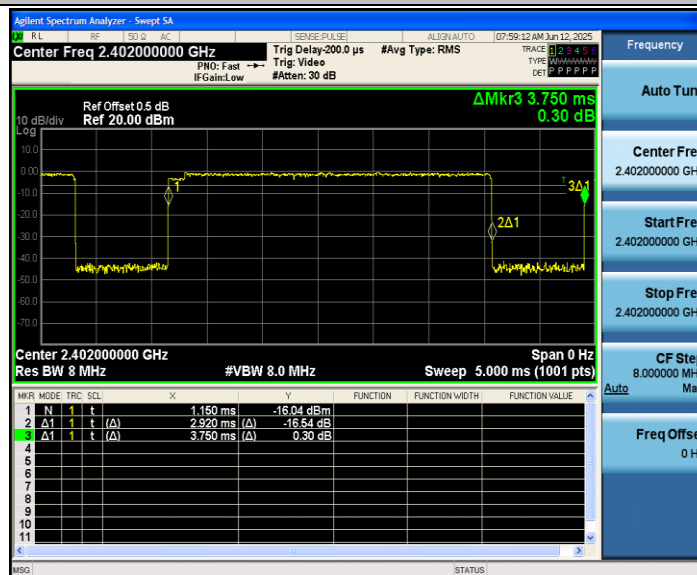
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.91	3.75	77.60	1.10	---	---
		2441	2.92	3.75	77.87	1.09	---	---
		2480	2.92	3.75	77.87	1.09	---	---
2DH5	Ant1	2402	2.92	3.75	77.87	1.09	---	---
		2441	2.92	3.75	77.87	1.09	---	---
		2480	2.92	3.75	77.87	1.09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

Test Graphs

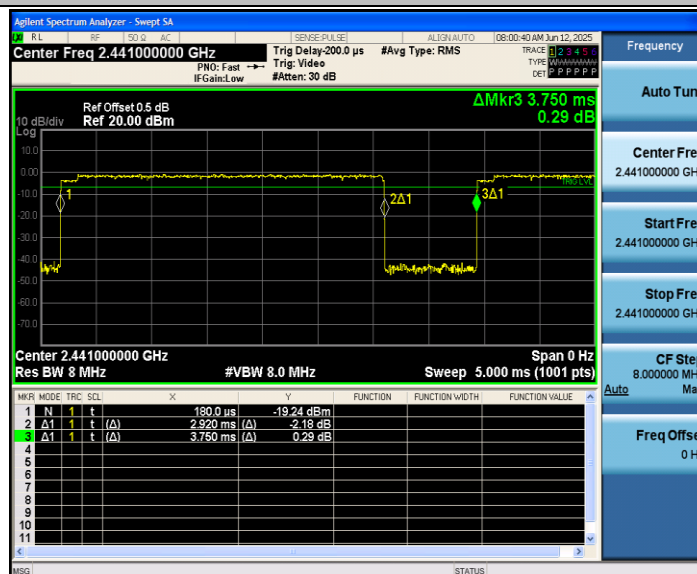




2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480

