

FCC Appendix RF Test Data

FCC ID : RIJA11

Company : EPUDO(DongGuan)Digital Technology Co.Ltd

EUT : Tablet PC

Model Number : EC319/A11

Report No. : CTA25061700202

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	0.957	2401.547	2402.504	---	---
		2441	0.957	2440.544	2441.501	---	---
		2480	0.945	2479.550	2480.495	---	---
2DH5	Ant1	2402	1.329	2401.346	2402.675	---	---
		2441	1.338	2440.340	2441.678	---	---
		2480	1.332	2479.343	2480.675	---	---
3DH5	Ant1	2402	1.341	2401.337	2402.678	---	---
		2441	1.278	2440.382	2441.660	---	---
		2480	1.338	2479.340	2480.678	---	---

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

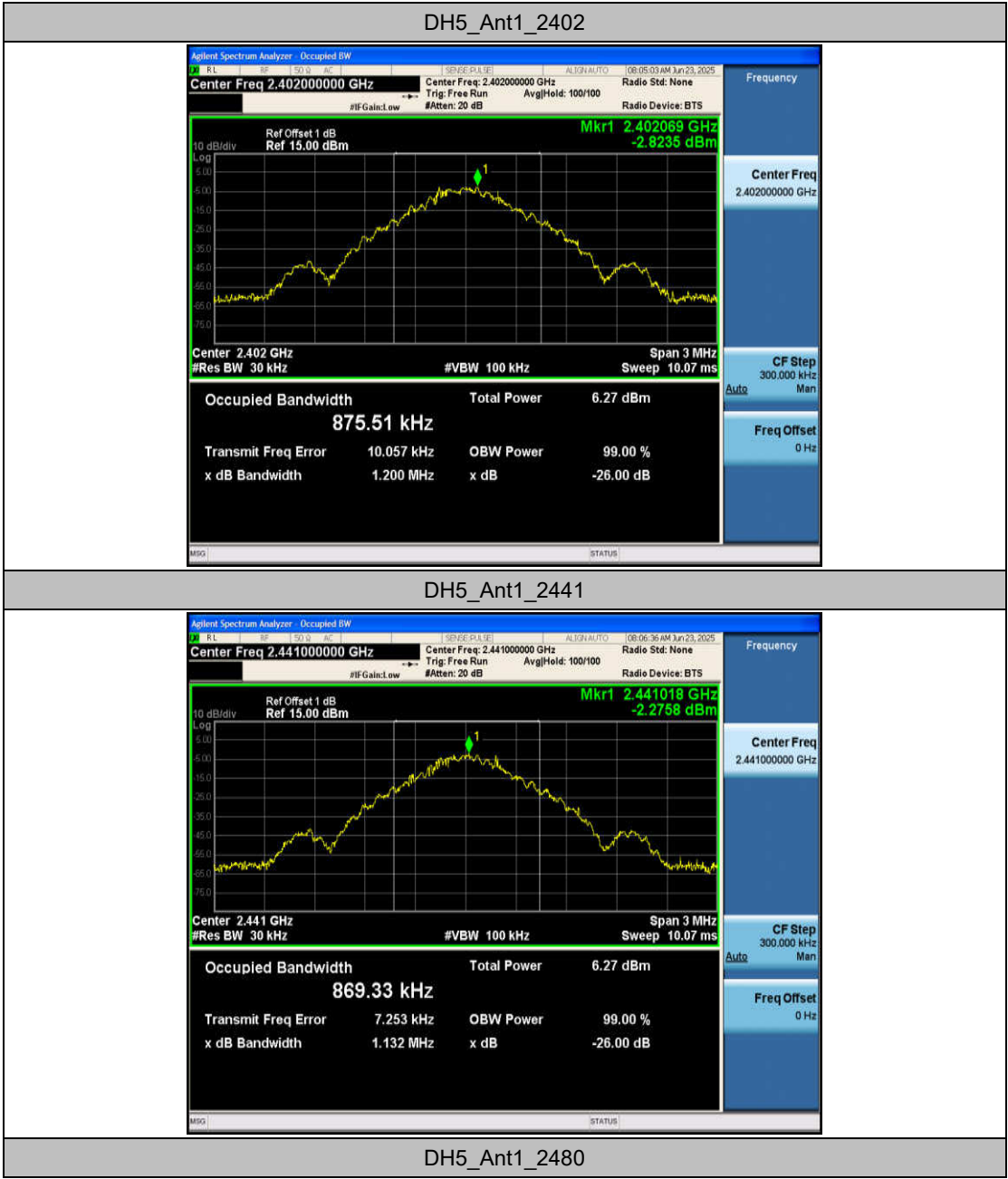


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87551	2401.5723	2402.4478	---	---
		2441	0.86933	2440.5726	2441.4419	---	---
		2480	0.87198	2479.5705	2480.4425	---	---
2DH5	Ant1	2402	1.1857	2401.4168	2402.6025	---	---
		2441	1.1871	2440.4166	2441.6037	---	---
		2480	1.1878	2479.4158	2480.6036	---	---
3DH5	Ant1	2402	1.1887	2401.4163	2402.6050	---	---
		2441	1.1876	2440.4174	2441.6050	---	---
		2480	1.1911	2479.4158	2480.6069	---	---

Test Graphs





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	0.54	≤20.97	PASS
		2441	0.35	≤20.97	PASS
		2480	0.33	≤20.97	PASS
2DH5	Ant1	2402	-0.27	≤20.97	PASS
		2441	-0.41	≤20.97	PASS
		2480	-0.49	≤20.97	PASS
3DH5	Ant1	2402	-0.28	≤20.97	PASS
		2441	-0.49	≤20.97	PASS
		2480	-0.51	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.02	≥ 0.957	PASS
2DH5	Ant1	Hop	1.096	≥ 0.892	PASS
3DH5	Ant1	Hop	0.984	≥ 0.894	PASS

Test Graphs

DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop

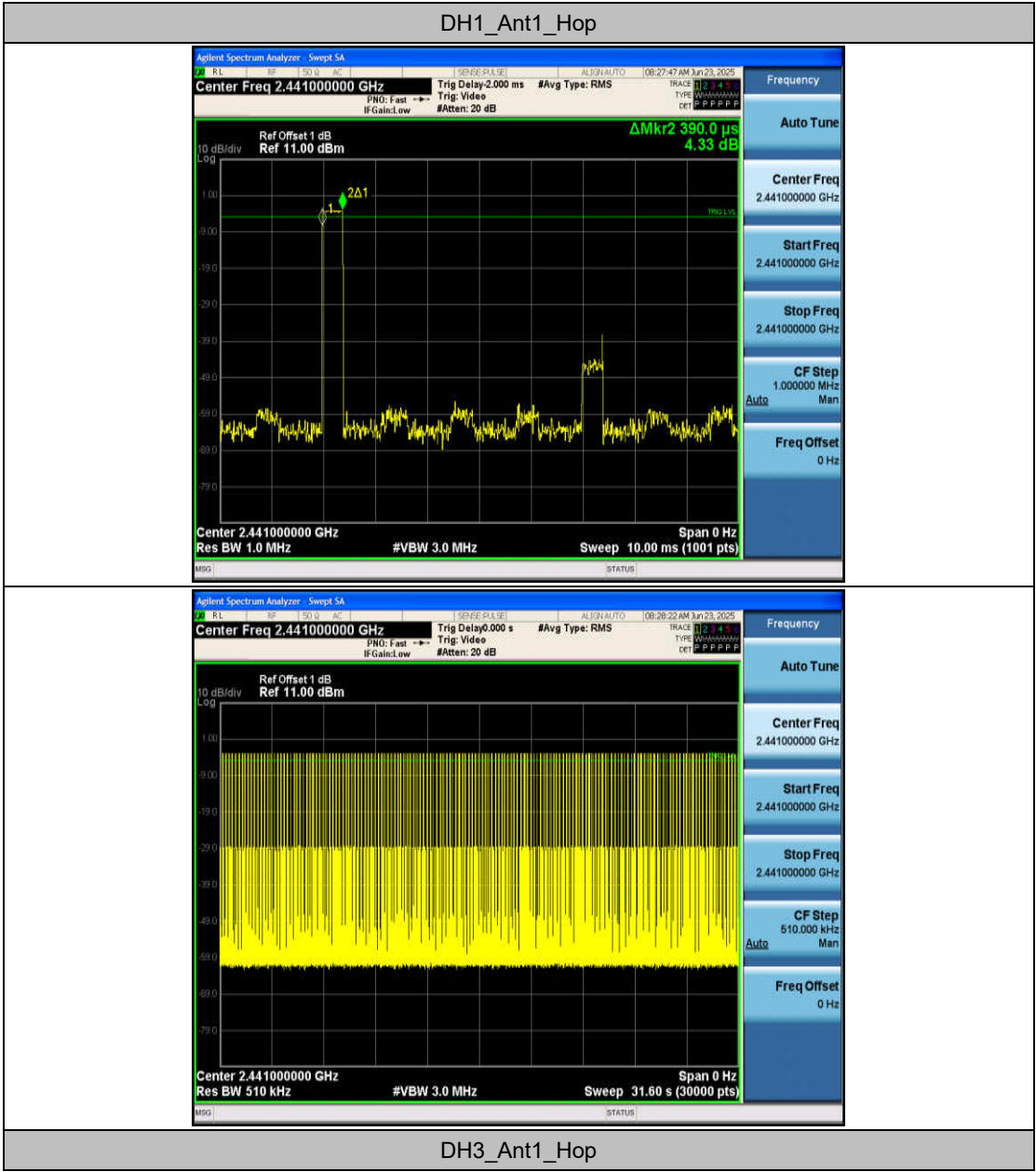


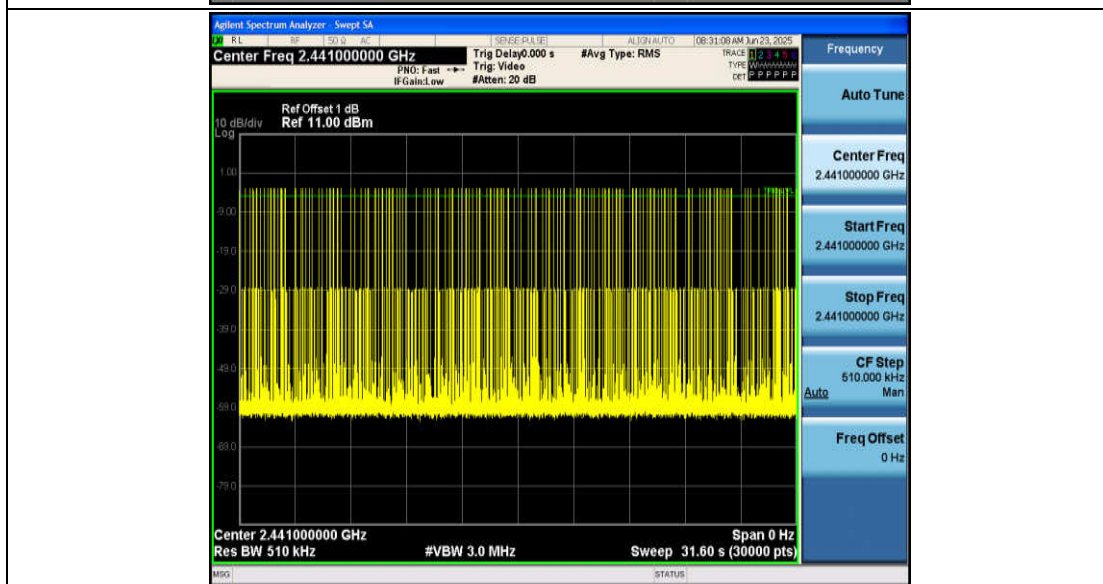
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.390	318	0.124	≤0.4	PASS
DH3	Ant1	Hop	1.650	172	0.284	≤0.4	PASS
DH5	Ant1	Hop	2.890	108	0.312	≤0.4	PASS
2DH1	Ant1	Hop	0.390	319	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.640	161	0.264	≤0.4	PASS
2DH5	Ant1	Hop	2.900	105	0.305	≤0.4	PASS
3DH1	Ant1	Hop	0.390	317	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.640	165	0.271	≤0.4	PASS
3DH5	Ant1	Hop	2.900	124	0.36	≤0.4	PASS

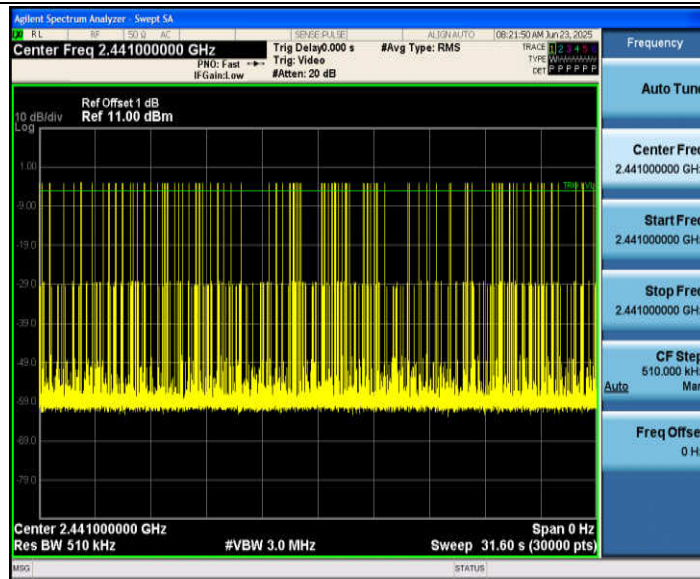
Test Graphs



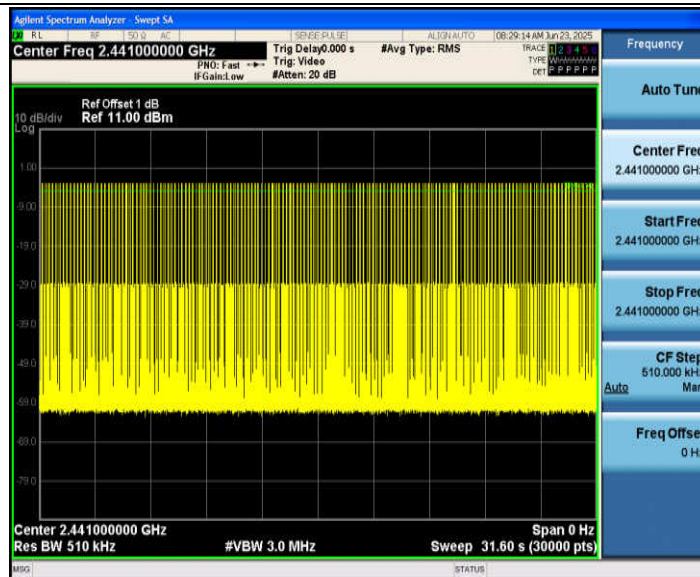


DH5_Ant1_Hop

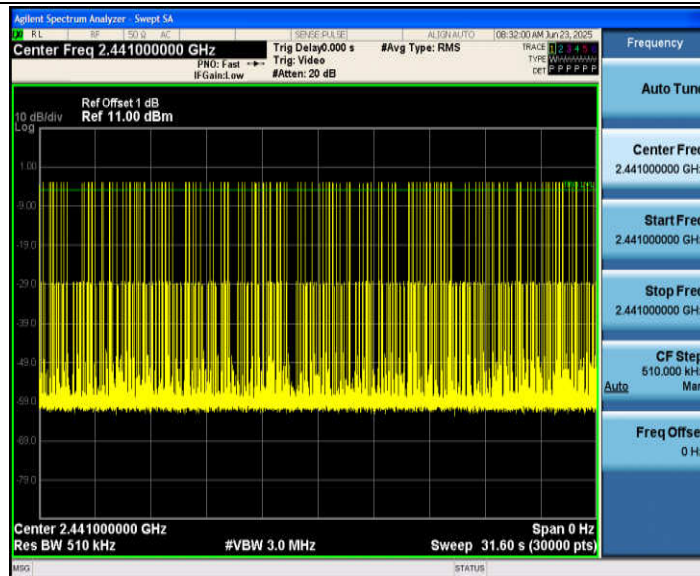




2DH1_Ant1_Hop

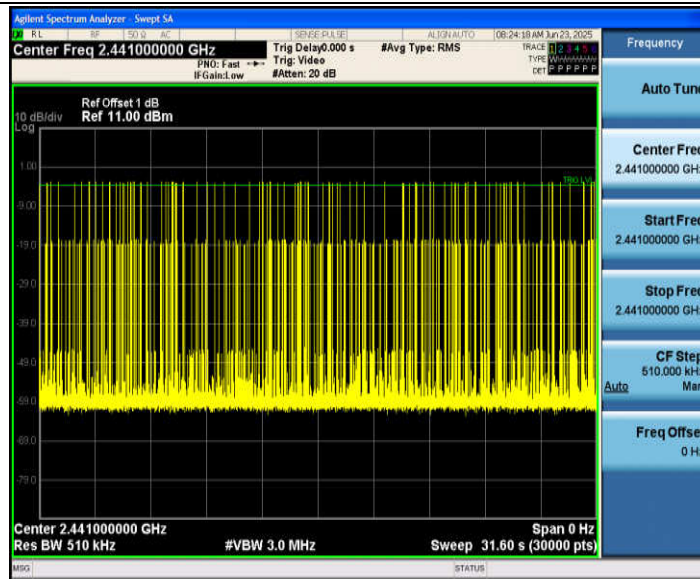


2DH3_Ant1_Hop

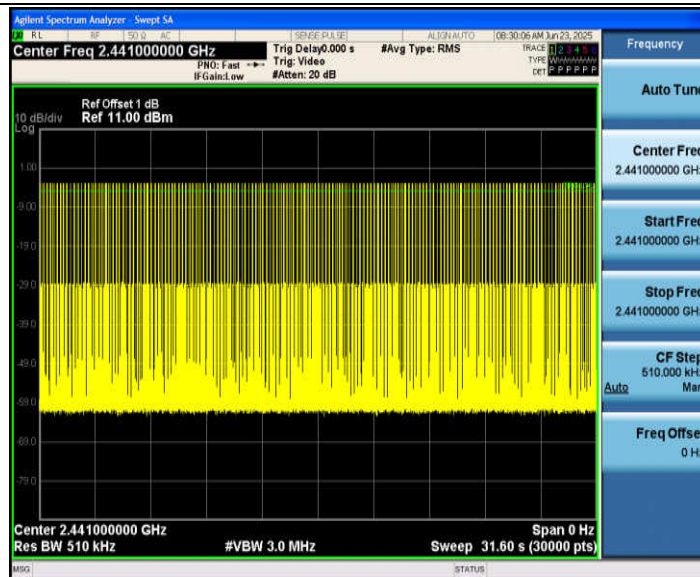


2DH5_Ant1_Hop

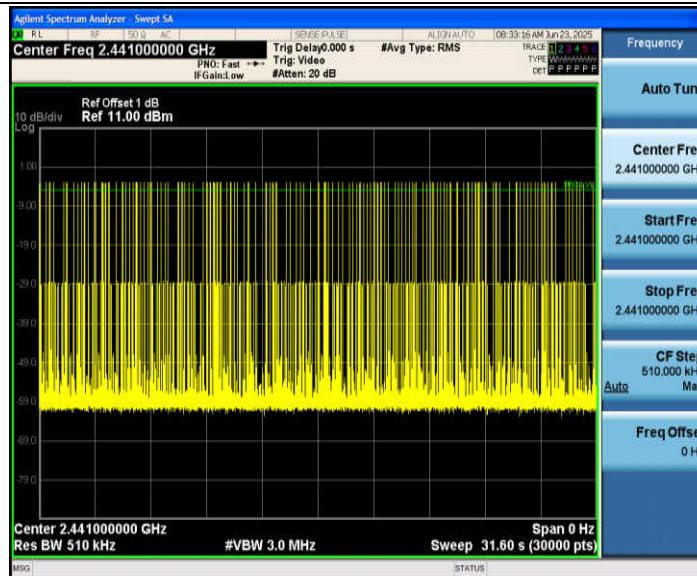




3DH1_Ant1_Hop

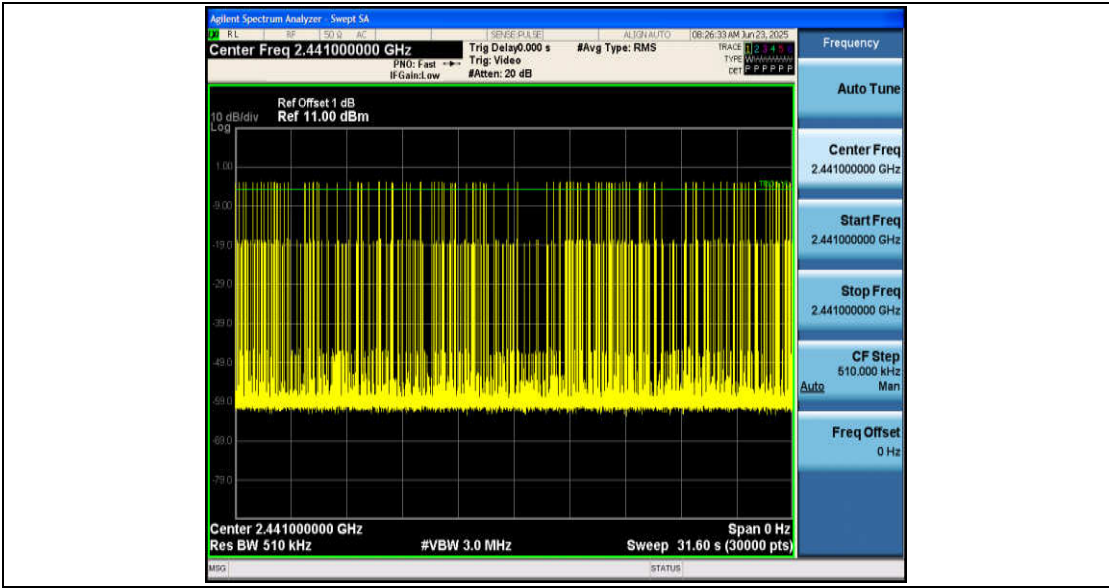


3DH3_Ant1_Hop



3DH5_Ant1_Hop



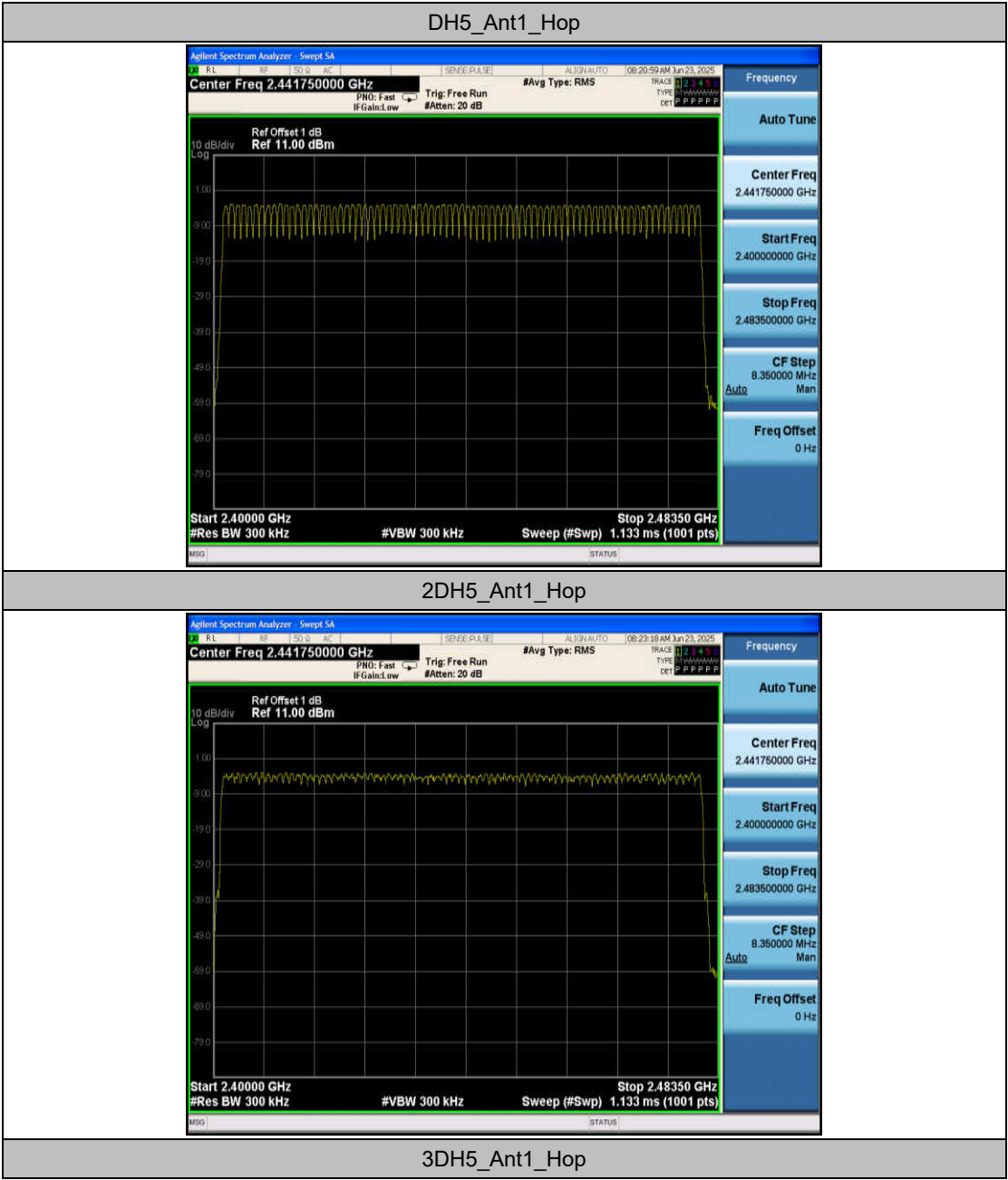


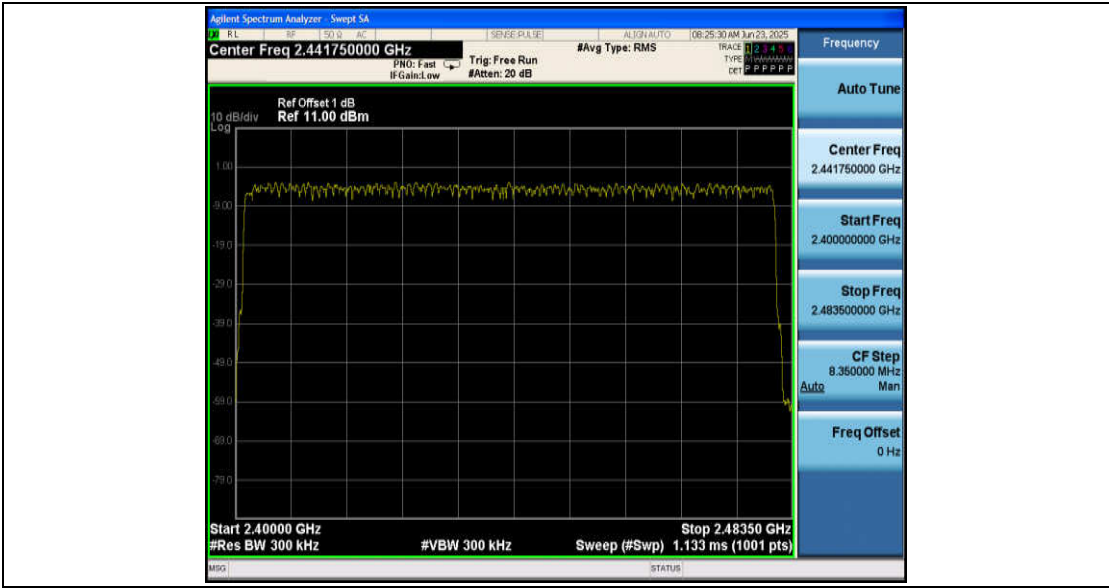
Appendix F: Number of hopping channels

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





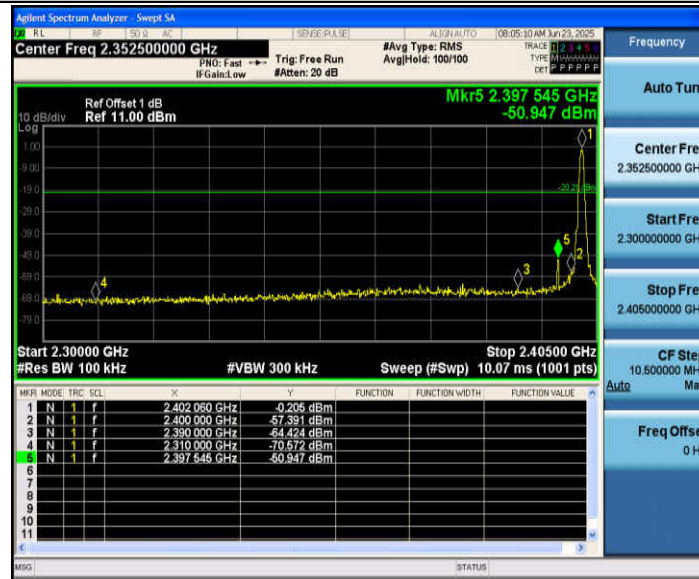
Appendix G: Band edge measurements

Test Result

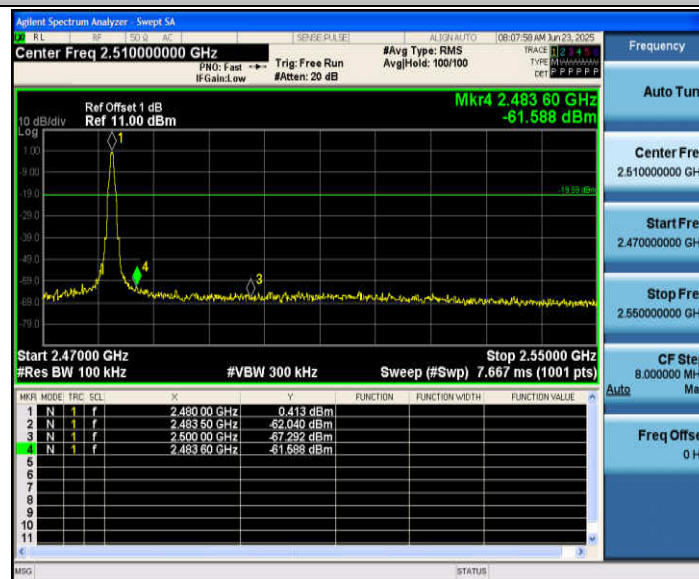
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.21	-50.95	≤-20.21	PASS
		High	2480	0.41	-61.59	≤-19.59	PASS
		Low	Hop_2402	-3.77	-63.11	≤-23.77	PASS
		High	Hop_2480	-3.53	-63.48	≤-23.53	PASS
2DH5	Ant1	Low	2402	-3.62	-60.72	≤-23.62	PASS
		High	2480	-3.25	-63	≤-23.25	PASS
		Low	Hop_2402	-2.88	-61.07	≤-22.88	PASS
		High	Hop_2480	-3.89	-63.75	≤-23.89	PASS
3DH5	Ant1	Low	2402	-4.23	-58.77	≤-24.23	PASS
		High	2480	-4.34	-61.72	≤-24.34	PASS
		Low	Hop_2402	-3.07	-57.5	≤-23.07	PASS
		High	Hop_2480	-3.72	-63.95	≤-23.72	PASS

Test Graphs

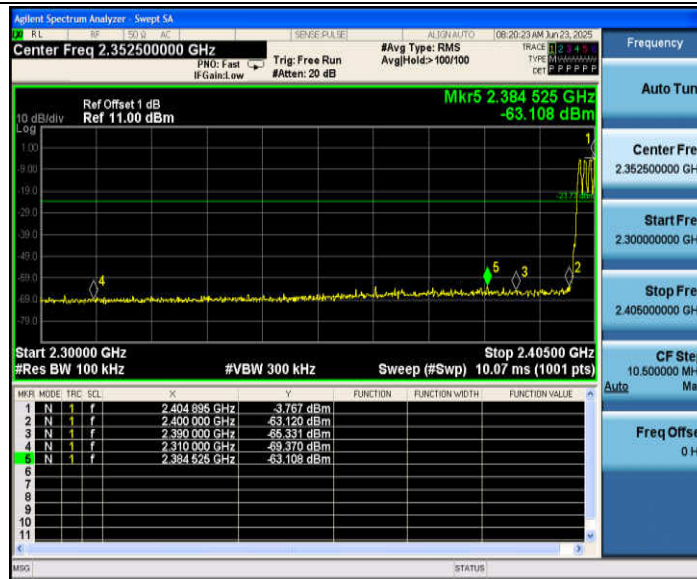
DH5_Ant1_Low_2402



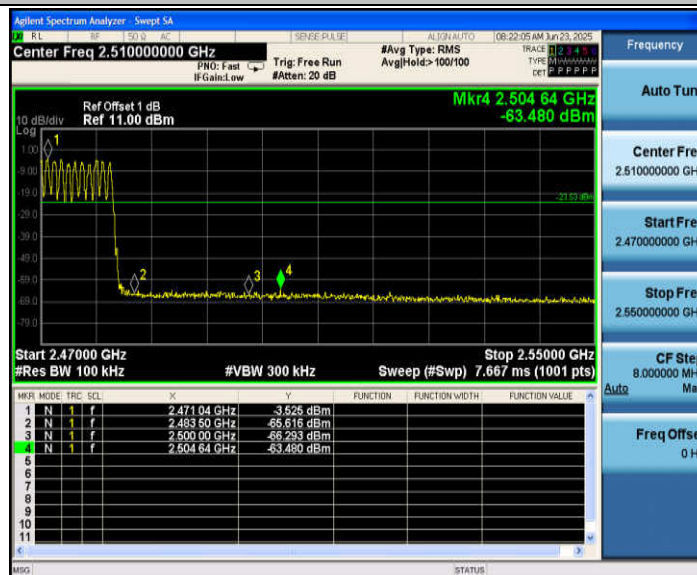
DH5_Ant1_High_2480



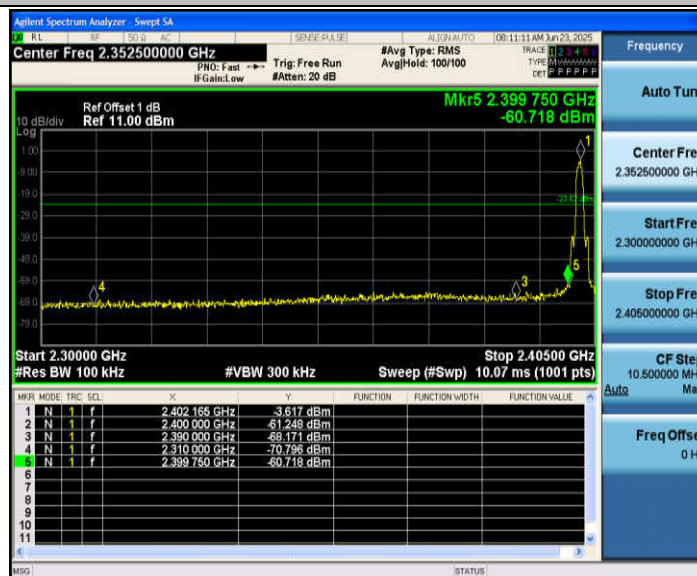
DH5_Ant1_Low_Hop_2402



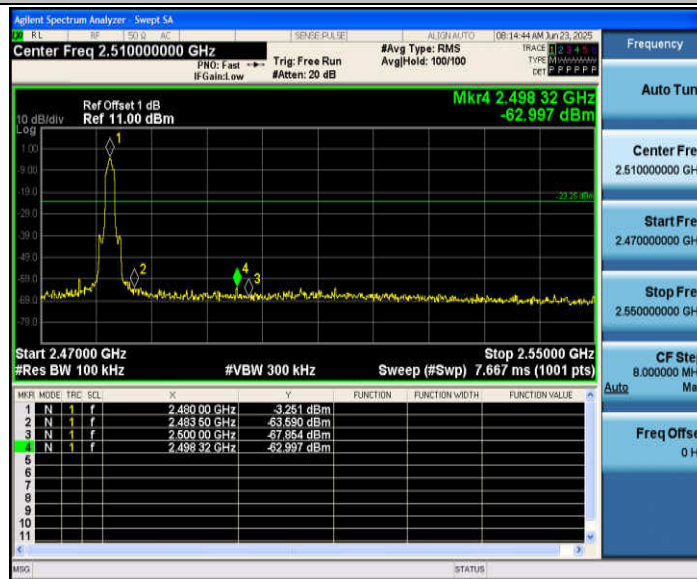
DH5_Ant1_High_Hop_2480



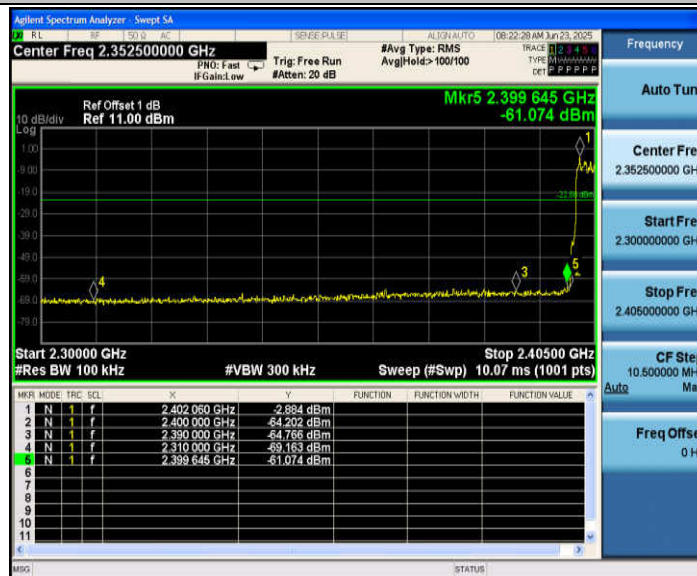
2DH5_Ant1_Low_2402



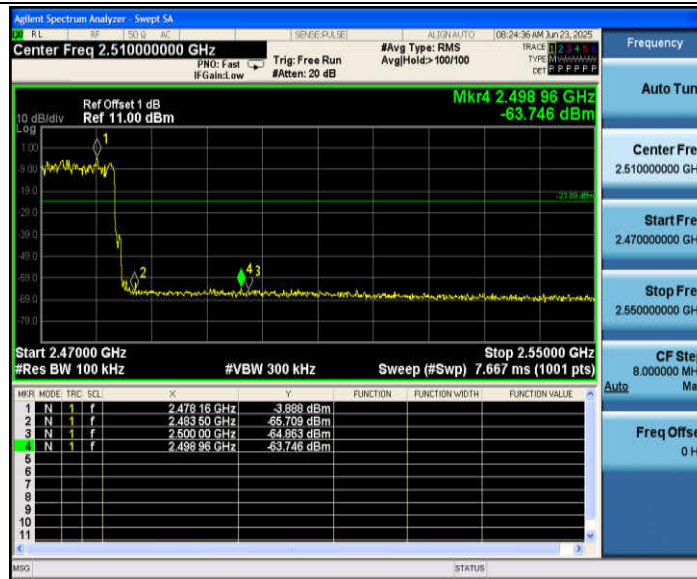
2DH5_Ant1_High_2480



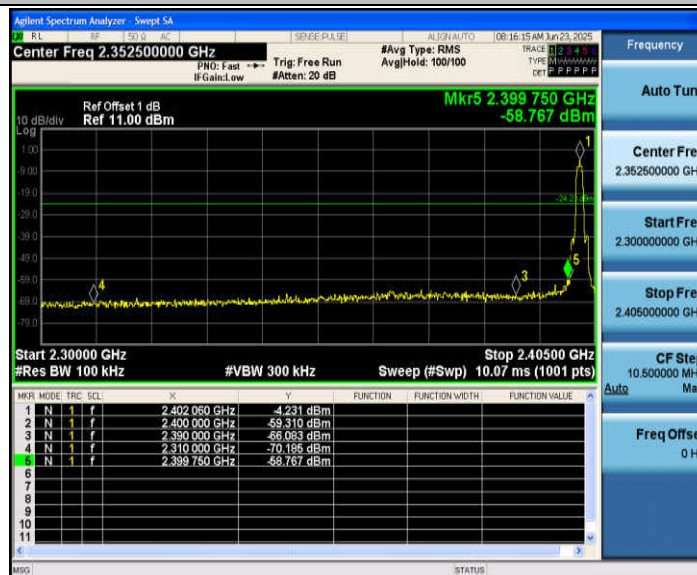
2DH5_Ant1_Low_Hop_2402



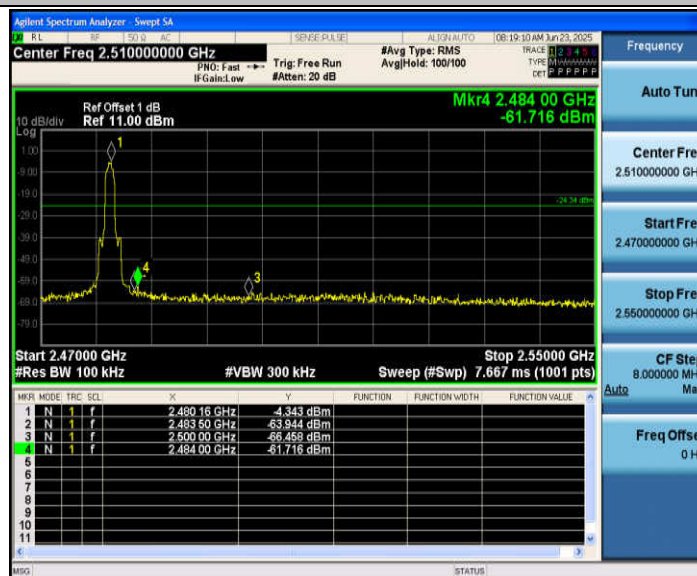
2DH5_Ant1_High_Hop_2480



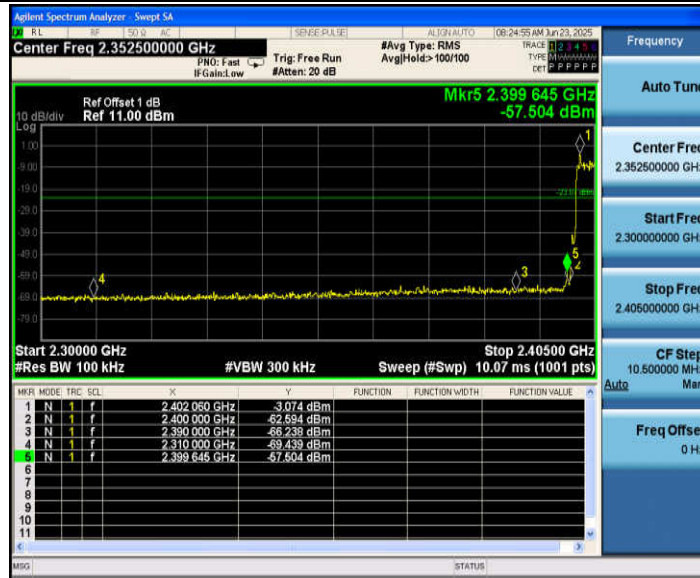
3DH5_Ant1_Low_2402



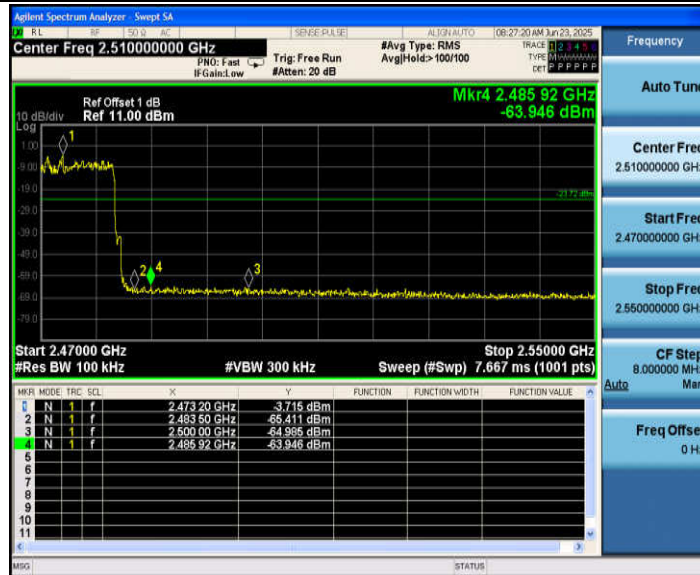
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

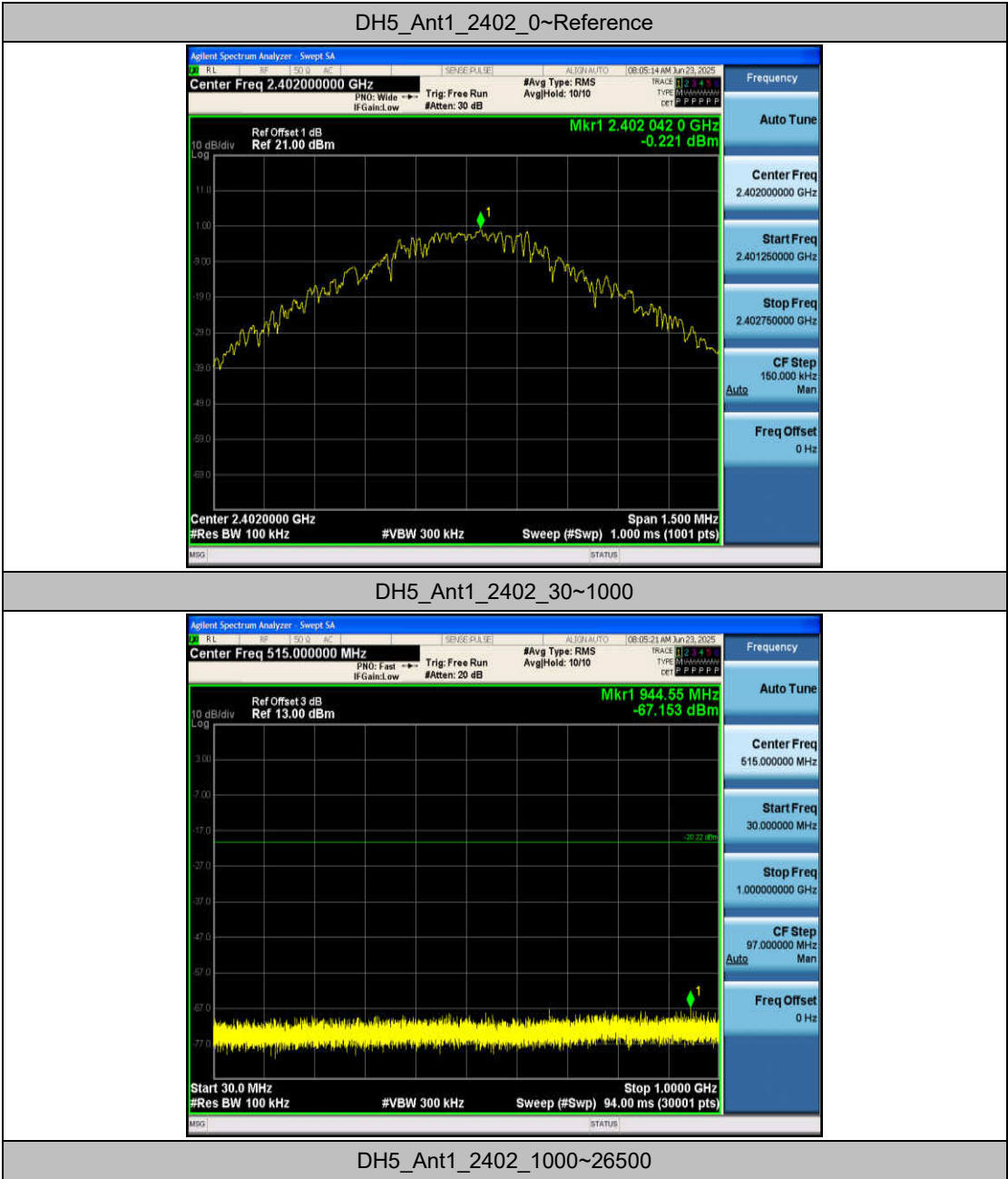


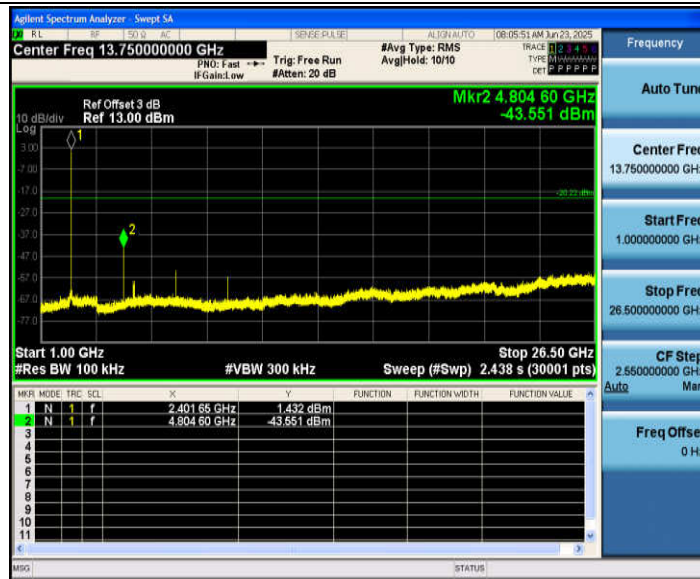
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.22	-0.22	---	PASS
			30~1000	-0.22	-67.15	≤-20.22	PASS
			1000~26500	-0.22	-43.55	≤-20.22	PASS
		2441	Reference	-1.00	-1.00	---	PASS
			30~1000	-1.00	-67.53	≤-21	PASS
			1000~26500	-1.00	-43.6	≤-21	PASS
		2480	Reference	-1.05	-1.05	---	PASS
			30~1000	-1.05	-67.41	≤-21.05	PASS
			1000~26500	-1.05	-41.46	≤-21.05	PASS
2DH5	Ant1	2402	Reference	-6.24	-6.24	---	PASS
			30~1000	-6.24	-66.43	≤-26.24	PASS
			1000~26500	-6.24	-48.29	≤-26.24	PASS
		2441	Reference	-5.82	-5.82	---	PASS
			30~1000	-5.82	-67.32	≤-25.82	PASS
			1000~26500	-5.82	-48.01	≤-25.82	PASS
		2480	Reference	-5.34	-5.34	---	PASS
			30~1000	-5.34	-67.39	≤-25.34	PASS
			1000~26500	-5.34	-48.71	≤-25.34	PASS
3DH5	Ant1	2402	Reference	-3.73	-3.73	---	PASS
			30~1000	-3.73	-66.57	≤-23.73	PASS
			1000~26500	-3.73	-49.75	≤-23.73	PASS
		2441	Reference	-3.95	-3.95	---	PASS
			30~1000	-3.95	-67.51	≤-23.95	PASS
			1000~26500	-3.95	-47.26	≤-23.95	PASS
		2480	Reference	-5.90	-5.90	---	PASS
			30~1000	-5.90	-67.66	≤-25.9	PASS
			1000~26500	-5.90	-45.96	≤-25.9	PASS

Test Graphs

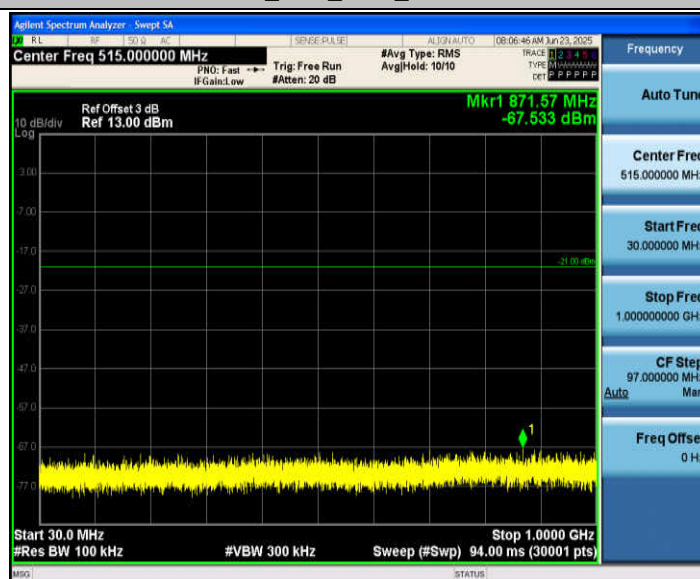




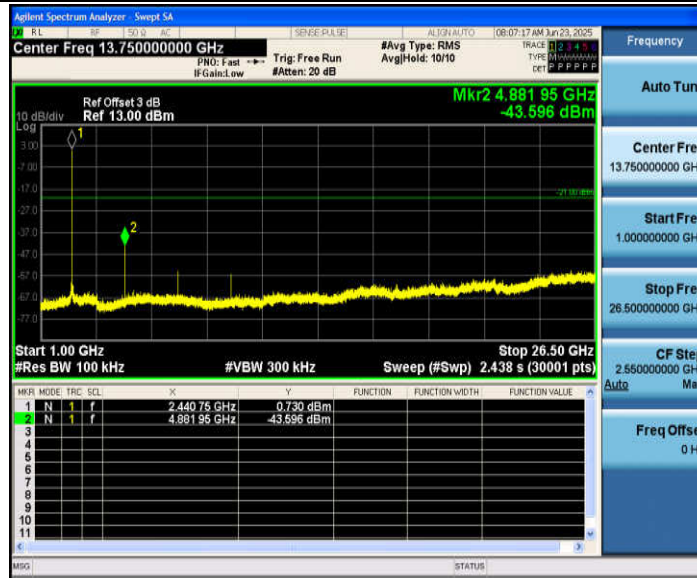
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



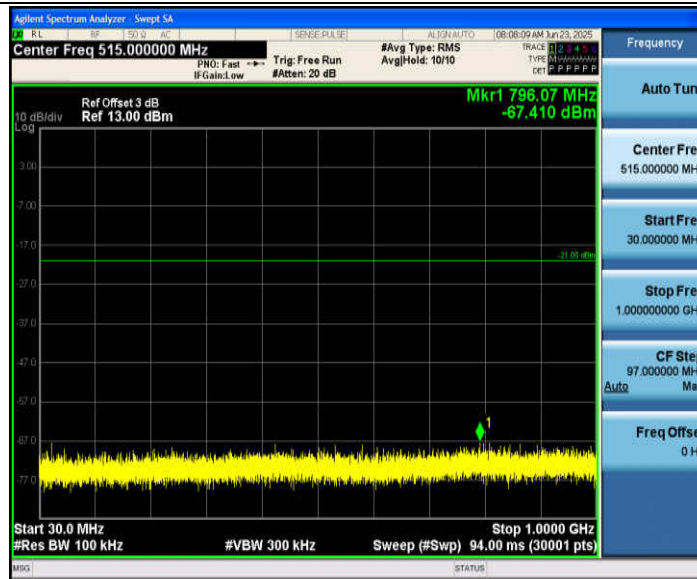
DH5_Ant1_2441_1000~26500



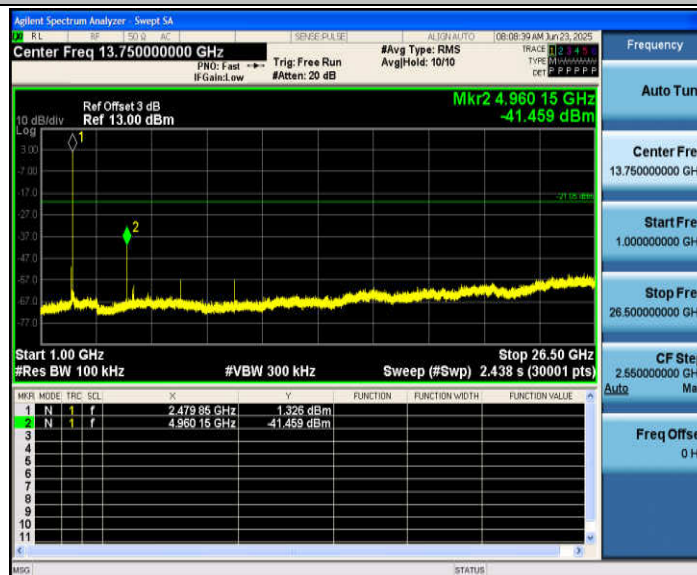
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000



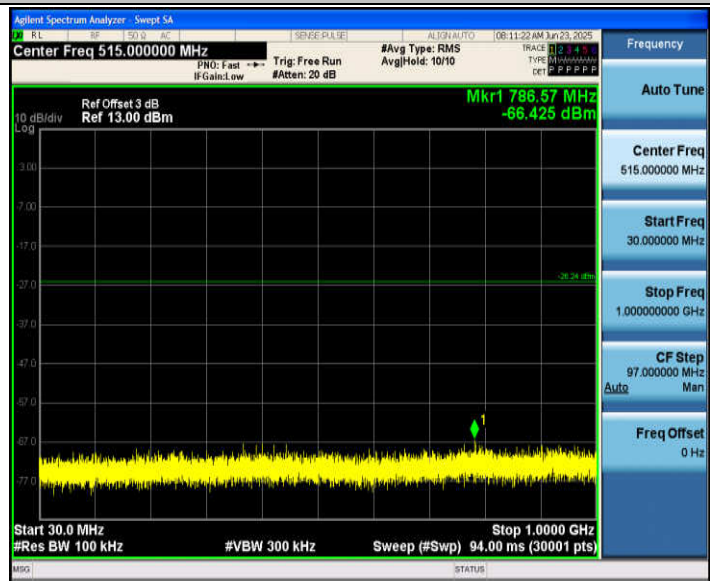
DH5_Ant1_2480_1000~26500



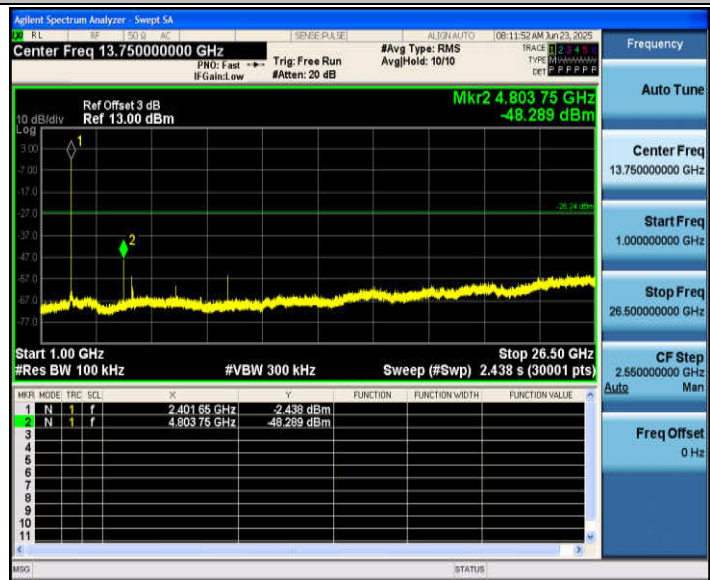
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



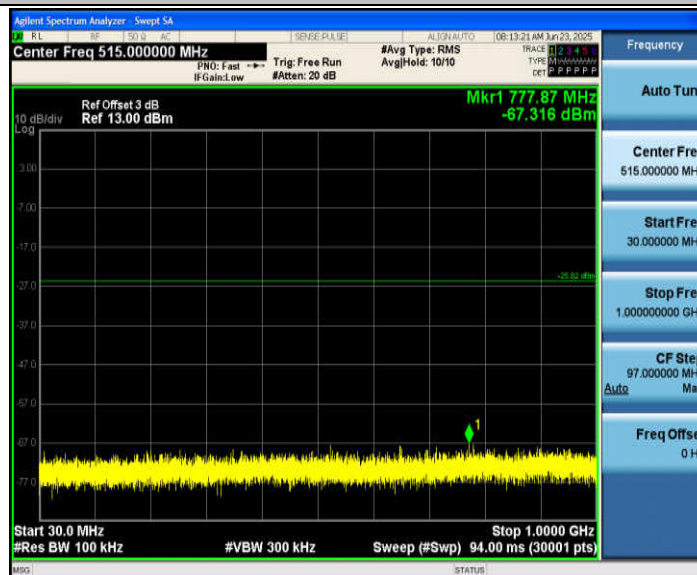
2DH5_Ant1_2402_1000~26500



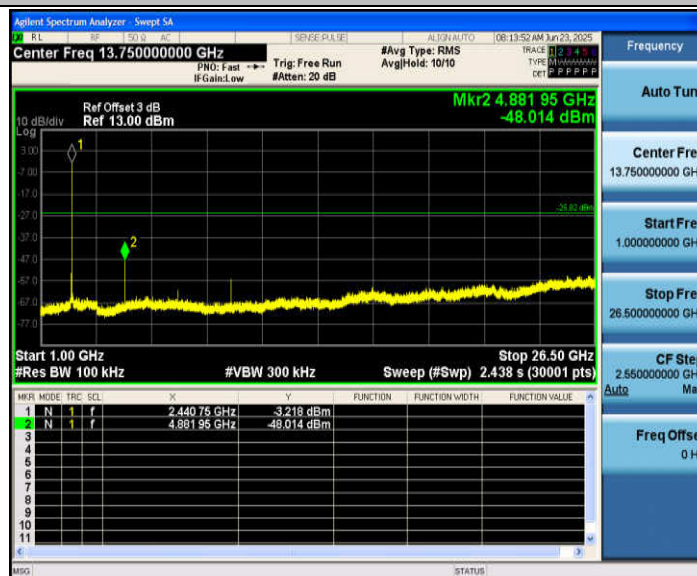
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



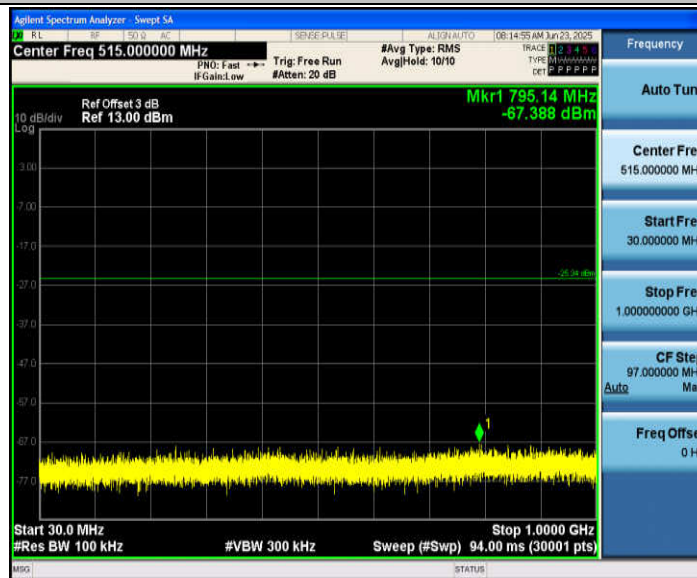
2DH5_Ant1_2441_1000~26500



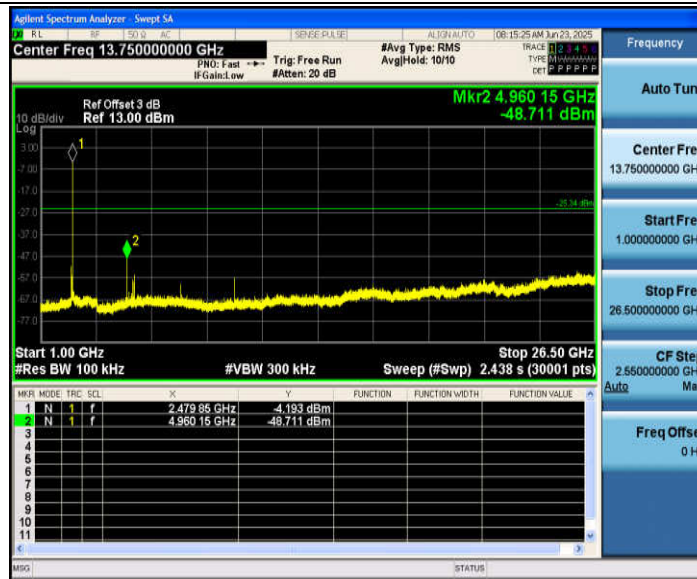
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



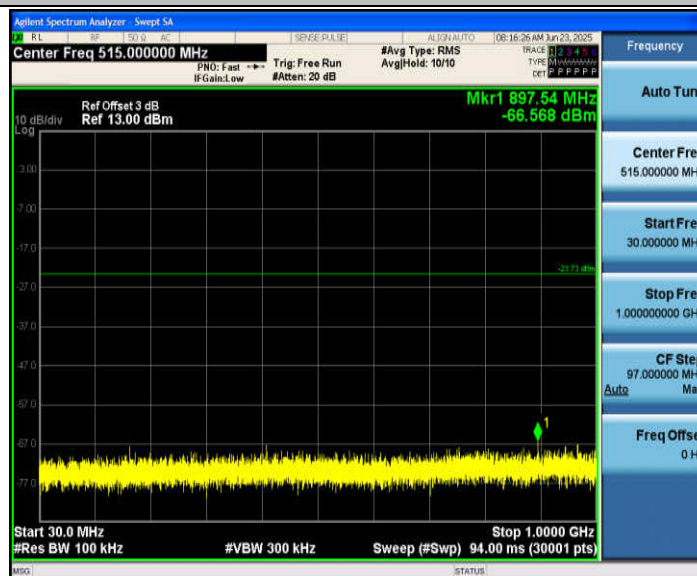
2DH5_Ant1_2480_1000~26500



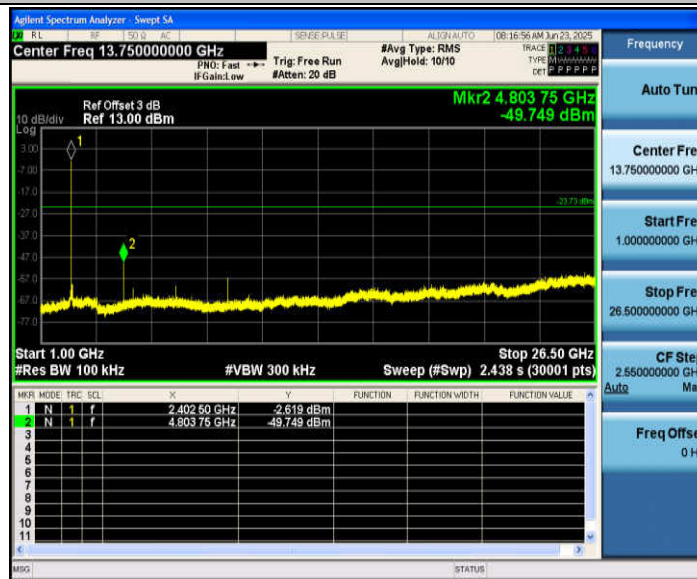
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



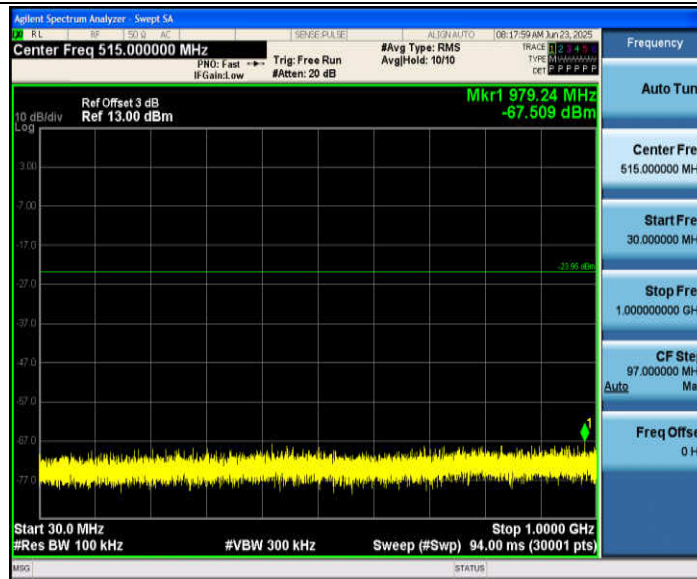
3DH5_Ant1_2402_1000~26500



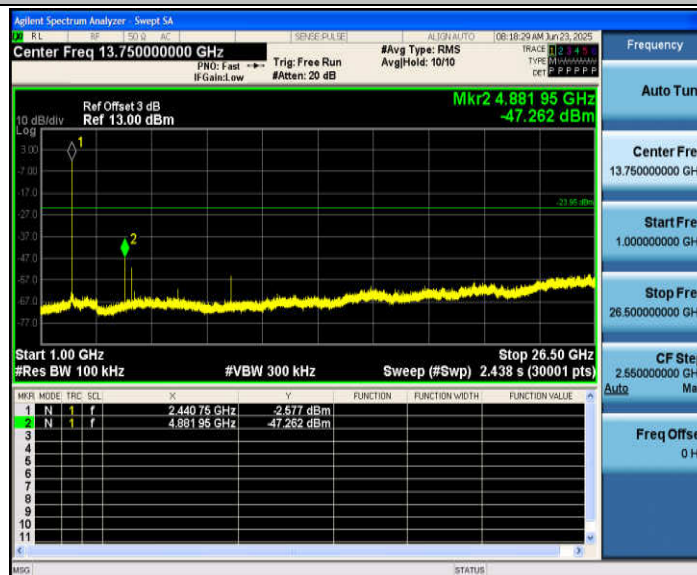
3DH5_Ant1_2441_0~Reference



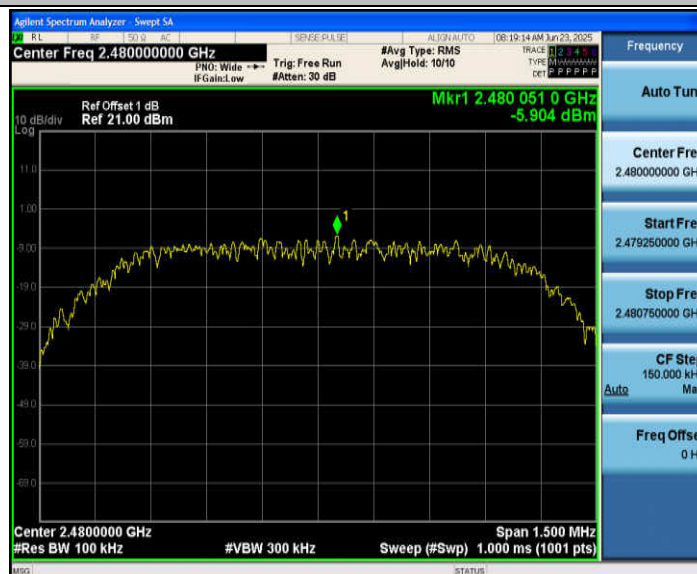
3DH5_Ant1_2441_30~1000



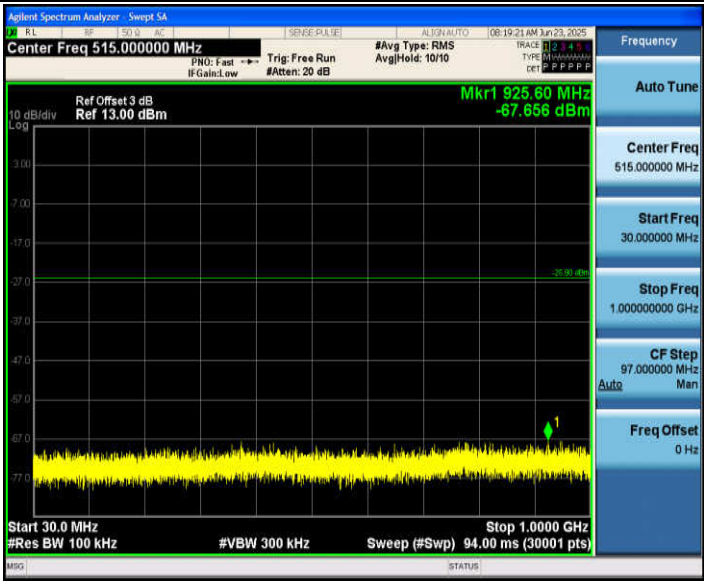
3DH5_Ant1_2441_1000~26500



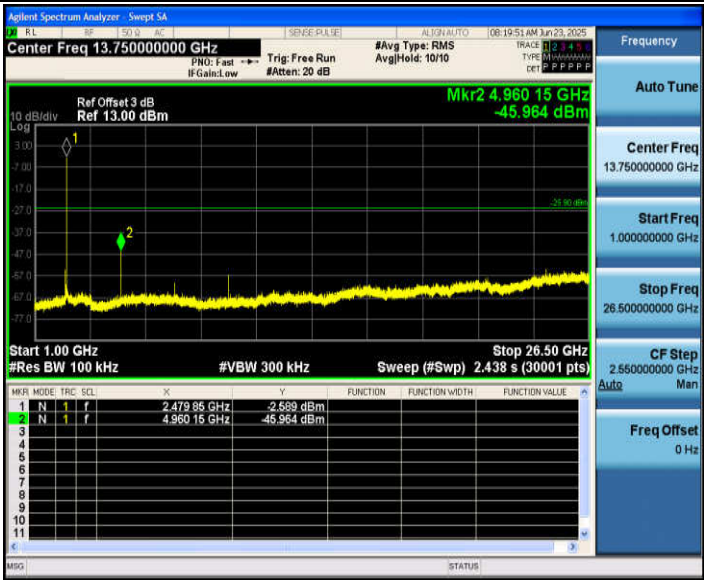
3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_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	2.92	3.75	77.87	1.09	---	---
		2441	2.91	3.75	77.60	1.10	---	---
		2480	2.92	3.75	77.87	1.09	---	---
2DH5	Ant1	2402	2.92	3.75	77.87	1.09	---	---
		2441	2.91	3.75	77.60	1.10	---	---
		2480	2.92	3.75	77.87	1.09	---	---
3DH5	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

DH5_Ant1_2402



DH5_Ant1_2441



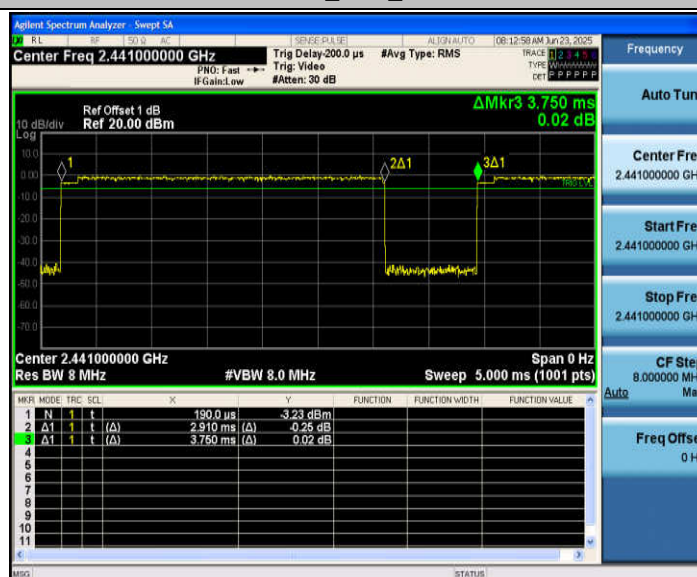
DH5_Ant1_2480



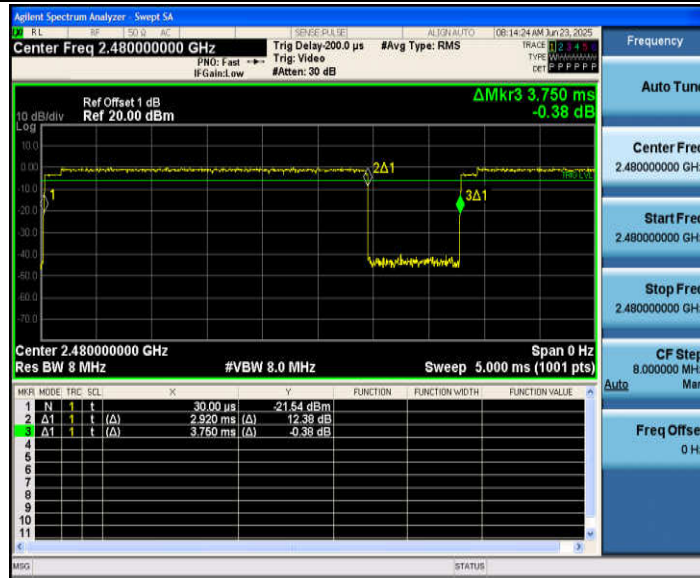
2DH5_Ant1_2402



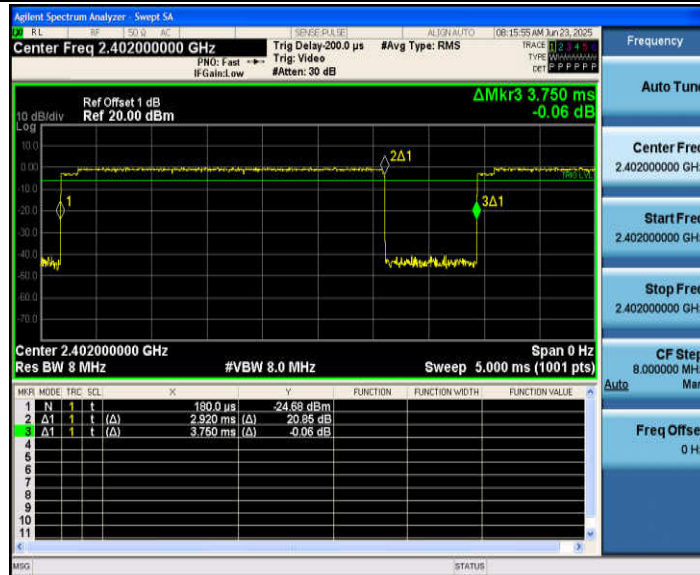
2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

