

FCC Appendix RF Test Data for BT

FCC ID : 2BSCX-V06

Company : ShenZhen Glasse Technology Co.,Ltd.

EUT : Intelligent glasses

Model Number : V06

Report No. : CTA25120202401

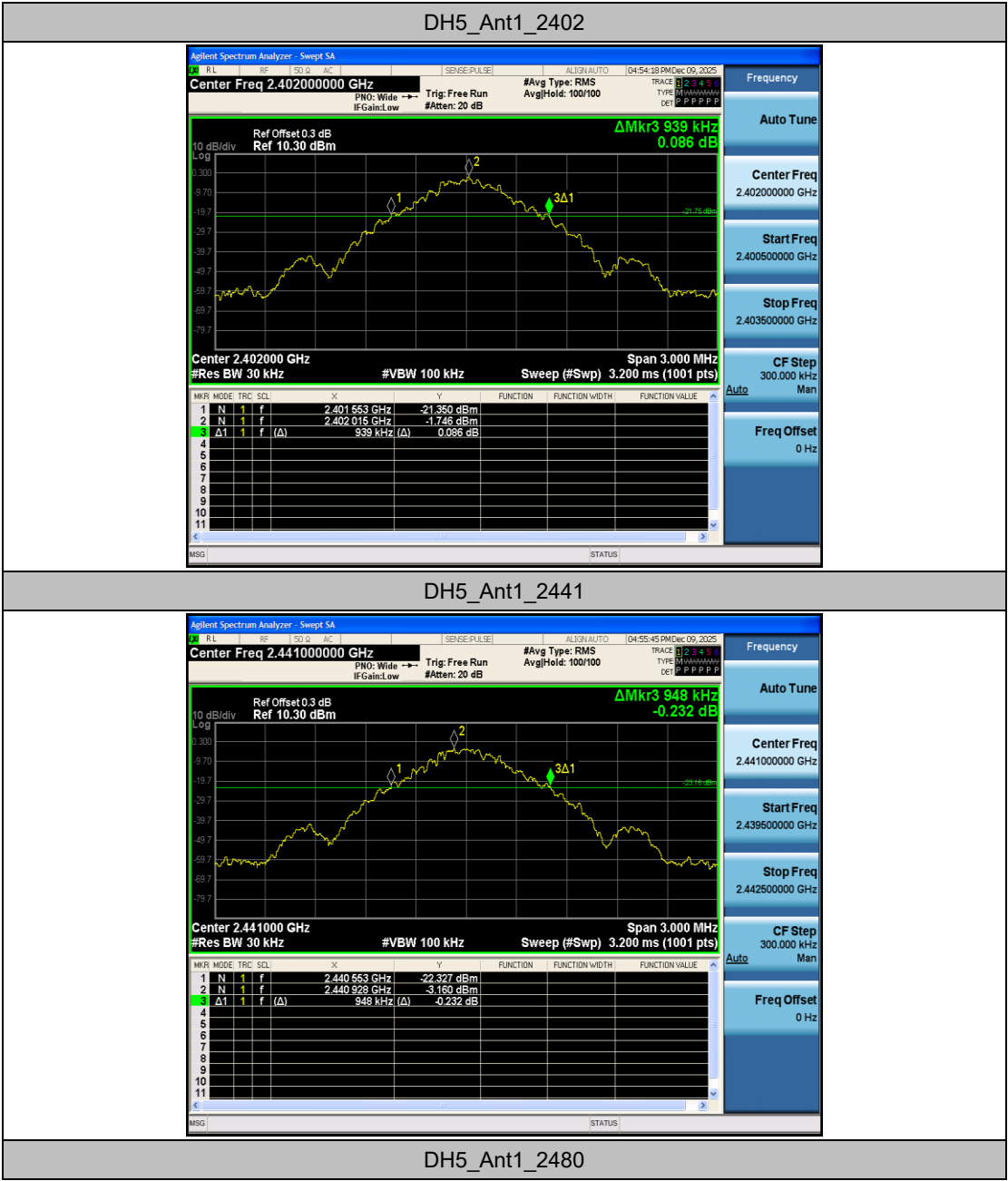
Reviewed By : Eric Wang

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.939	2401.553	2402.492	---	---
		2441	0.948	2440.553	2441.501	---	---
		2480	0.951	2479.544	2480.495	---	---
2DH5	Ant1	2402	1.332	2401.343	2402.675	---	---
		2441	1.320	2440.349	2441.669	---	---
		2480	1.278	2479.382	2480.660	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480

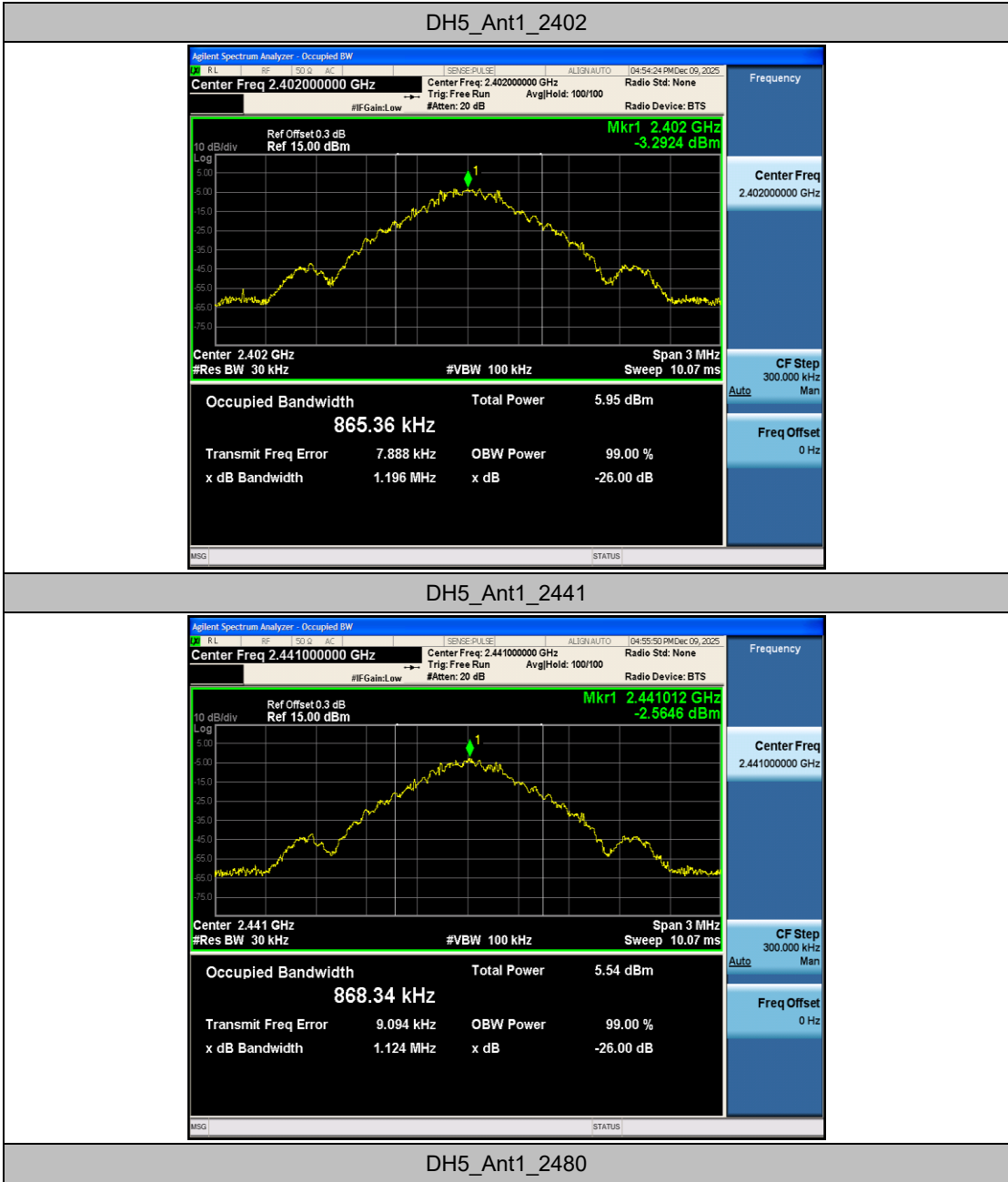


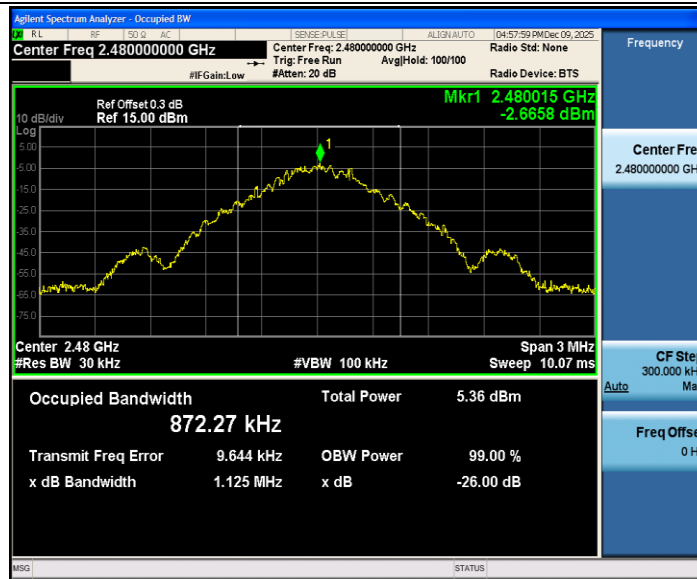
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86536	2401.5752	2402.4406	---	---
		2441	0.86834	2440.5749	2441.4433	---	---
		2480	0.87227	2479.5735	2480.4458	---	---
2DH5	Ant1	2402	1.1914	2401.4139	2402.6053	---	---
		2441	1.1909	2440.4161	2441.6070	---	---
		2480	1.1885	2479.4165	2480.6050	---	---

Test Graphs

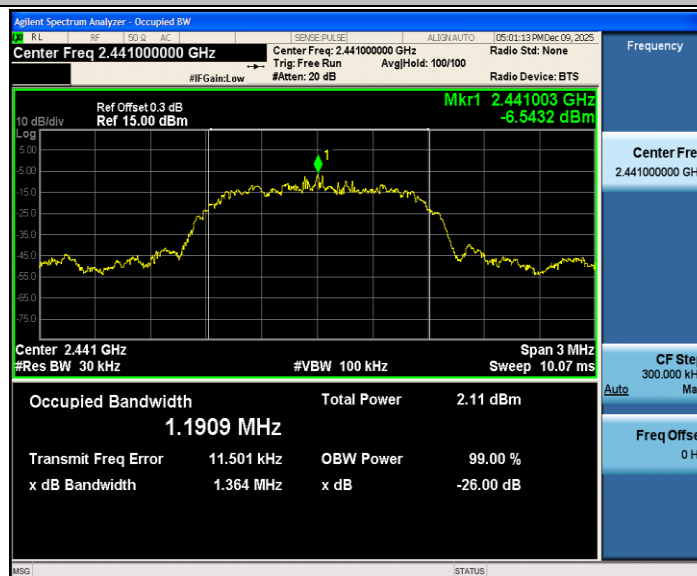




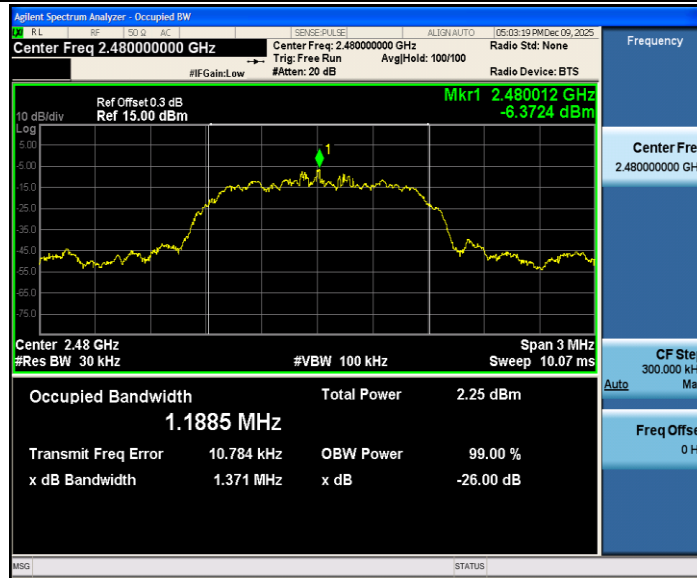
2DH5_Ant1_2402



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	-0.10	≤20.97	PASS
		2441	-0.35	≤20.97	PASS
		2480	-0.47	≤20.97	PASS
2DH5	Ant1	2402	-0.90	≤20.97	PASS
		2441	-1.17	≤20.97	PASS
		2480	-1.28	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1	≥ 0.951	PASS
2DH5	Ant1	Hop	1.012	≥ 0.888	PASS

Test Graphs

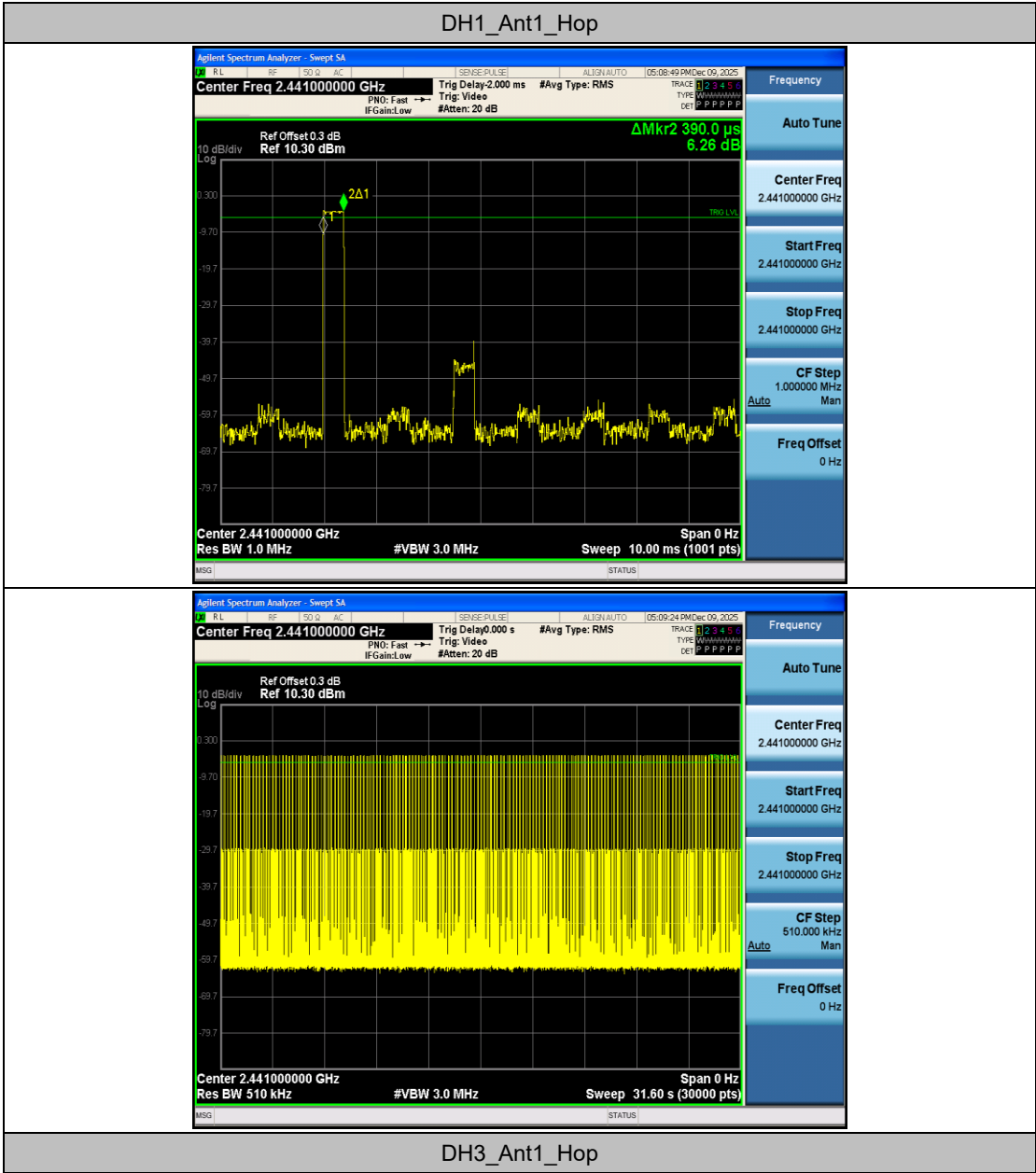


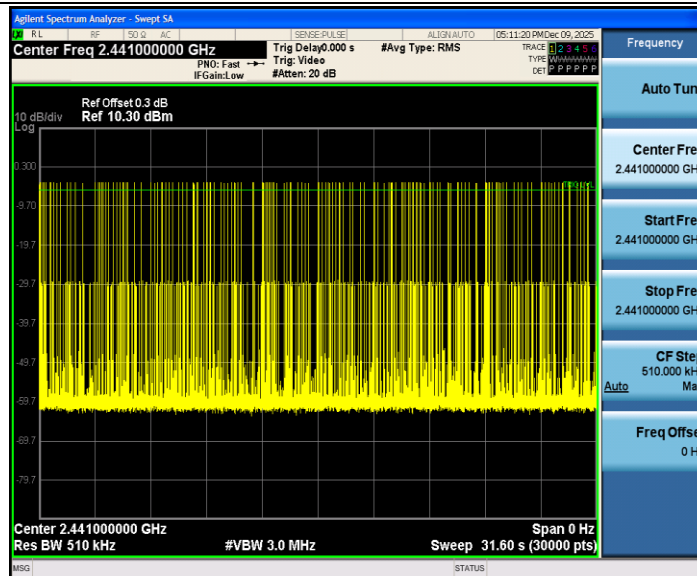
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.390	316	0.123	≤0.4	PASS
DH3	Ant1	Hop	1.640	156	0.256	≤0.4	PASS
DH5	Ant1	Hop	2.900	105	0.305	≤0.4	PASS
2DH1	Ant1	Hop	0.390	318	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.650	160	0.264	≤0.4	PASS
2DH5	Ant1	Hop	2.900	95	0.276	≤0.4	PASS

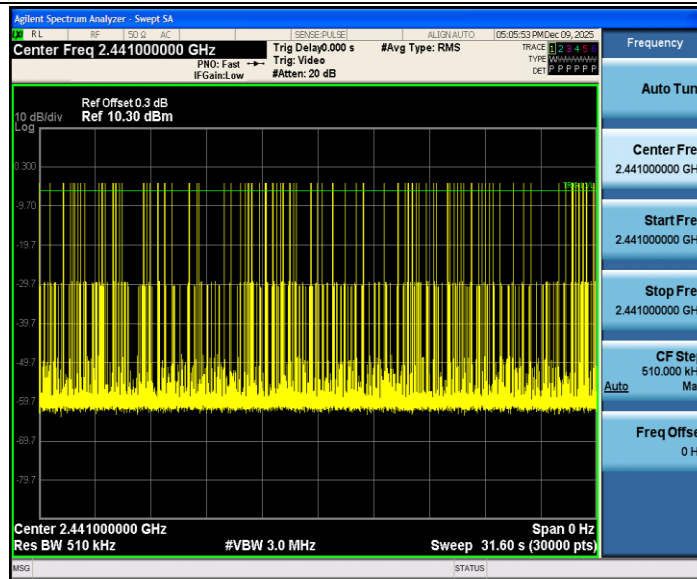
Test Graphs



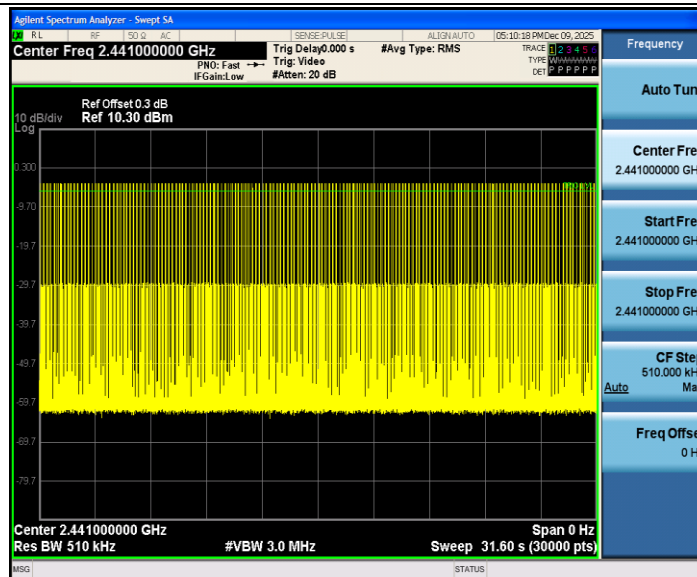
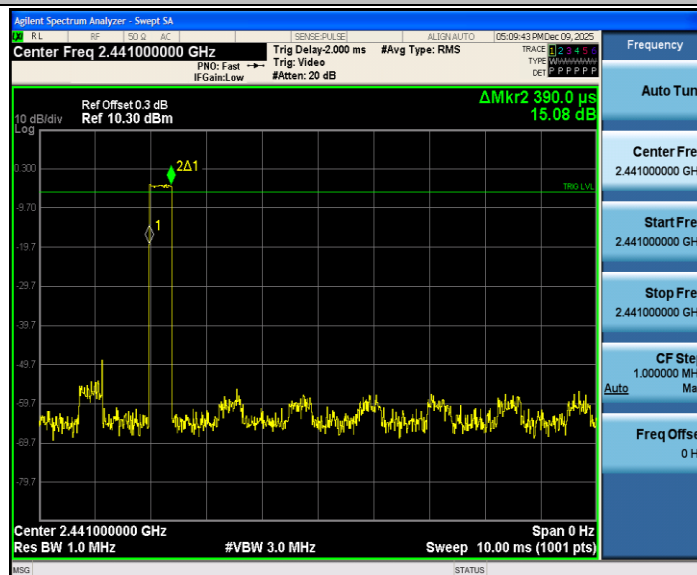


DH5_Ant1_Hop

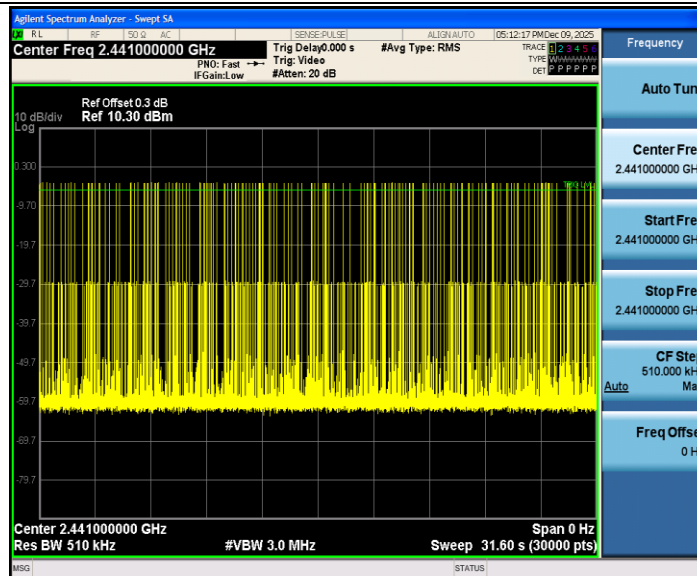
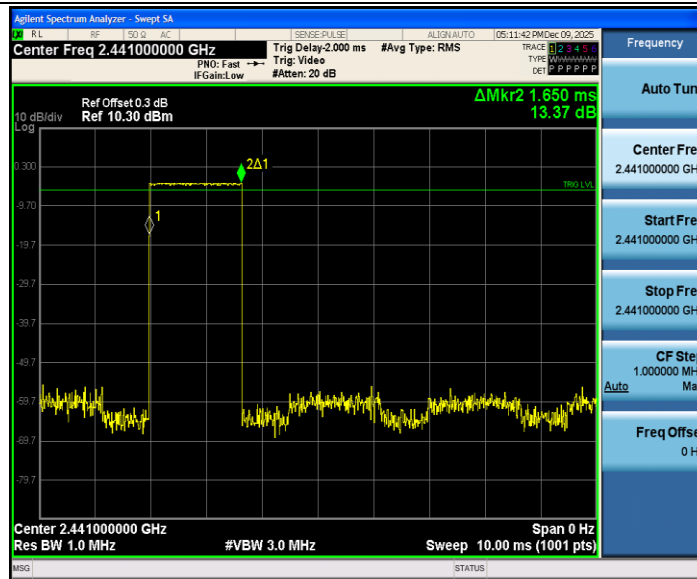




2DH1_Ant1_Hop

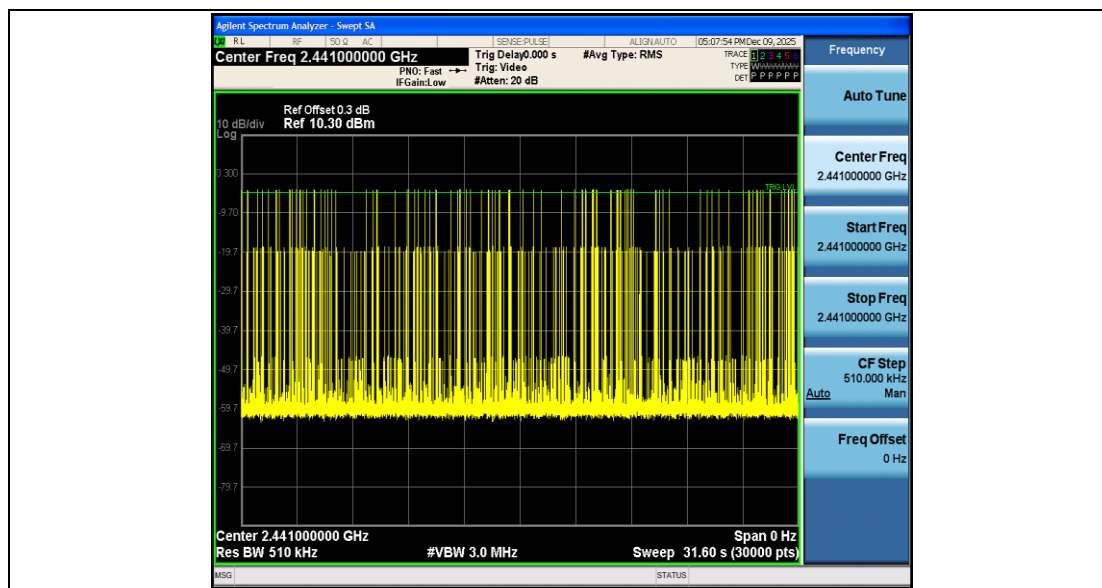


2DH3_Ant1_Hop



2DH5_Ant1_Hop



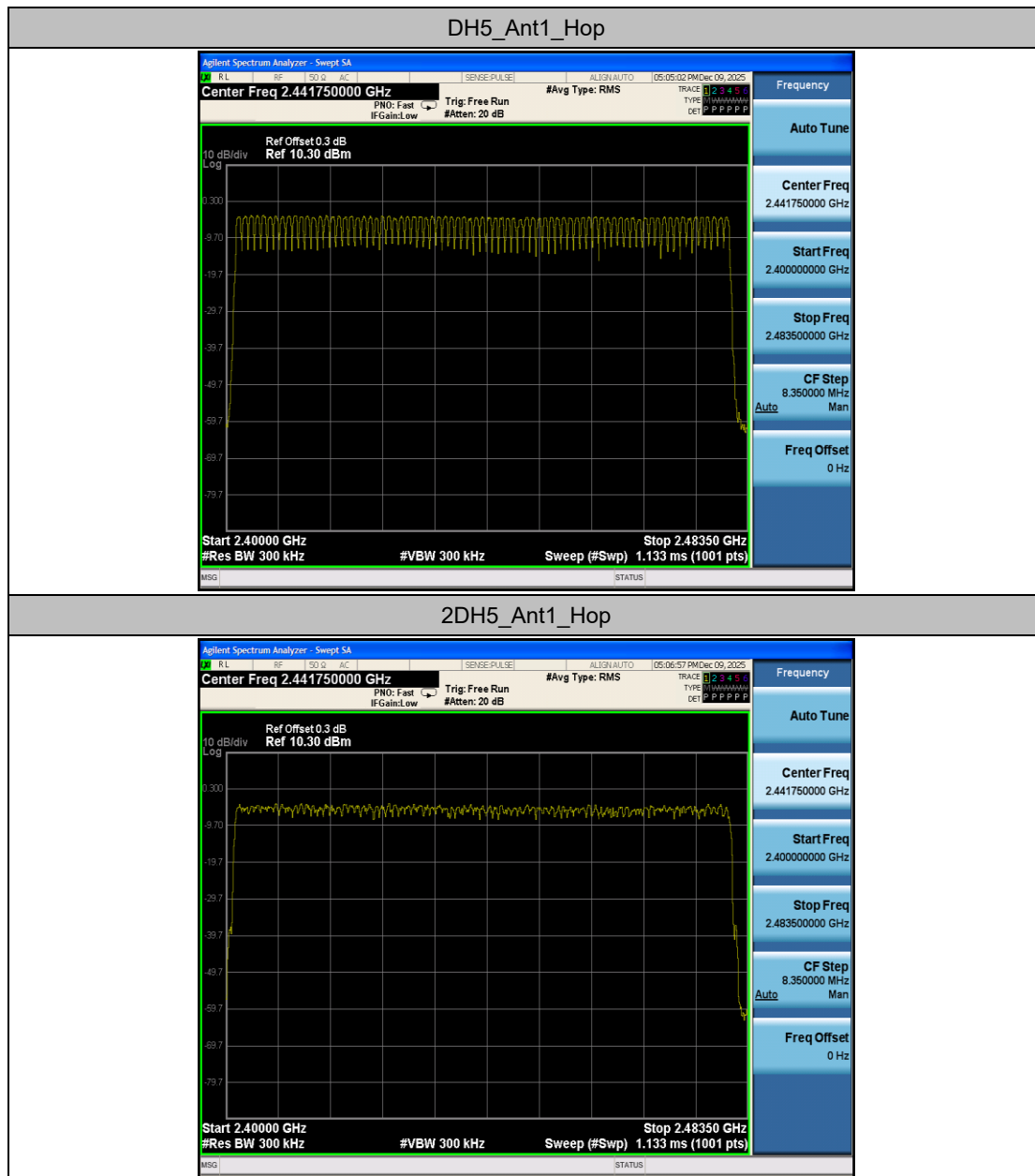


Appendix F: Number of hopping channels

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



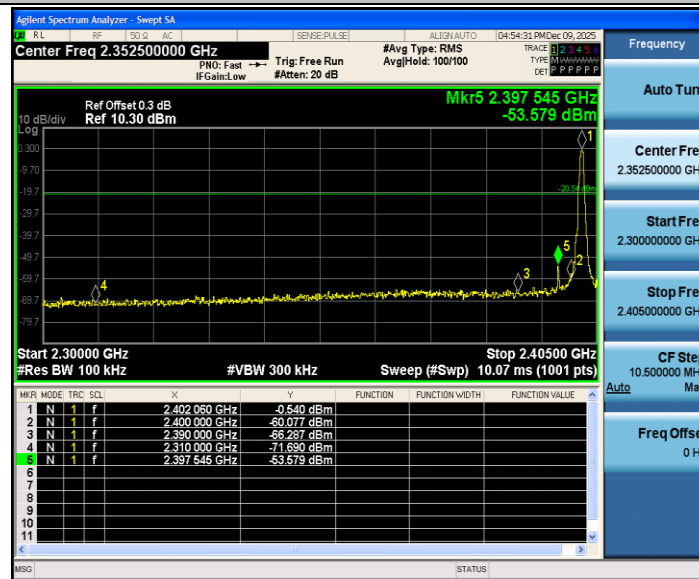
Appendix G: Band edge measurements

Test Result

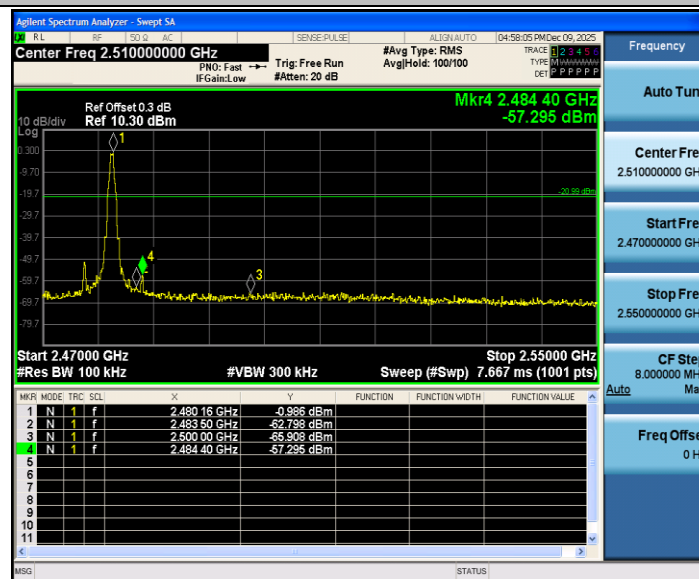
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.54	-53.58	≤-20.54	PASS
		High	2480	-0.99	-57.3	≤-20.99	PASS
		Low	Hop_2402	-4.43	-60.94	≤-24.43	PASS
		High	Hop_2480	-4.11	-64.5	≤-24.11	PASS
2DH5	Ant1	Low	2402	-4.67	-61.71	≤-24.67	PASS
		High	2480	-4.07	-55.63	≤-24.07	PASS
		Low	Hop_2402	-4.48	-60.01	≤-24.48	PASS
		High	Hop_2480	-3.91	-64.14	≤-23.91	PASS

Test Graphs

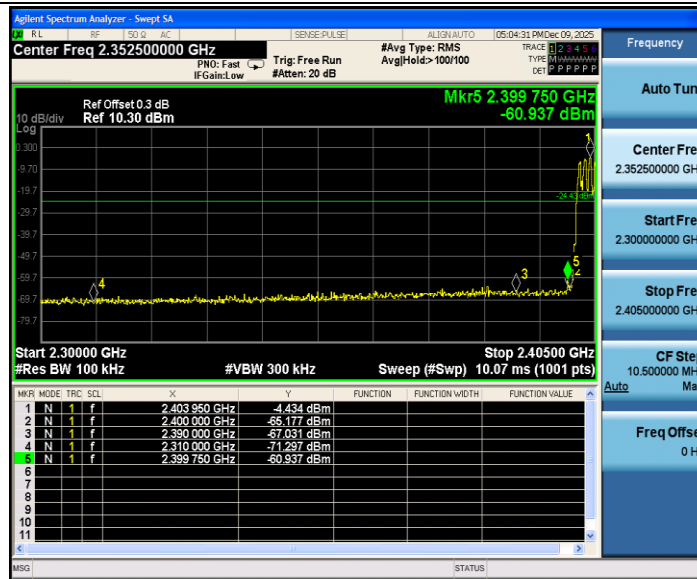
DH5_Ant1_Low_2402



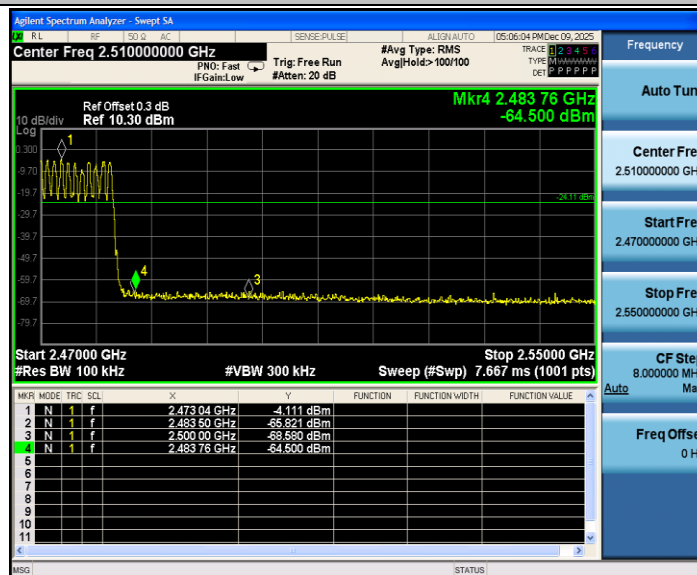
DH5_Ant1_High_2480



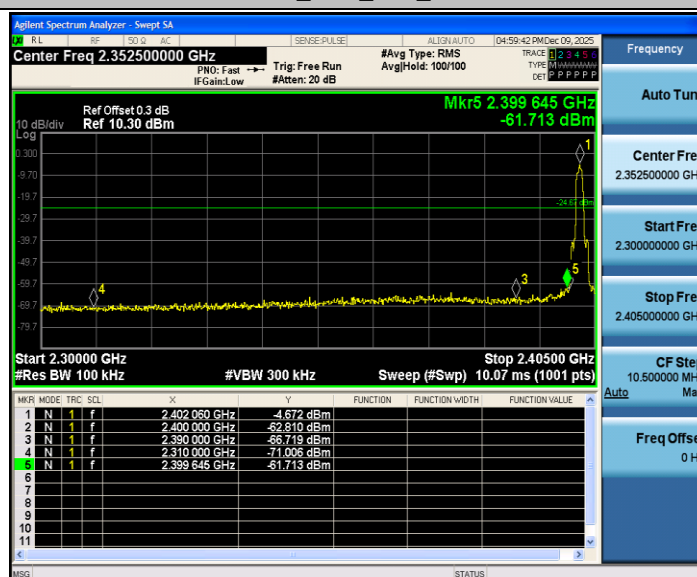
DH5_Ant1_Low_Hop_2402



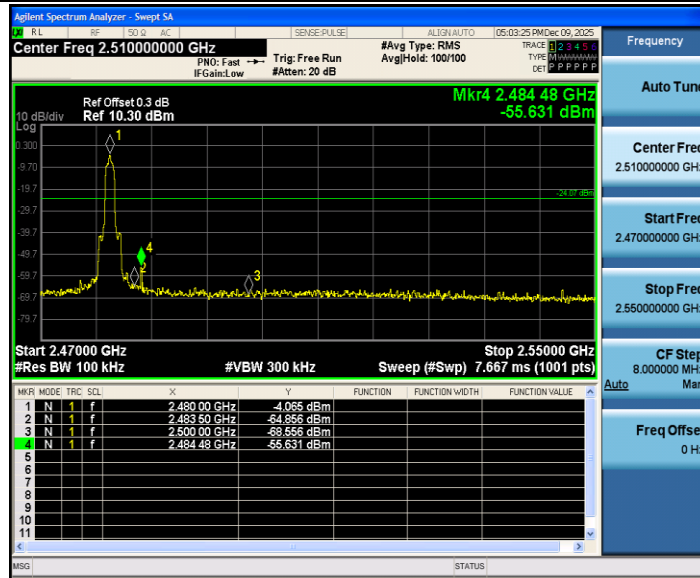
DH5_Ant1_High_Hop_2480



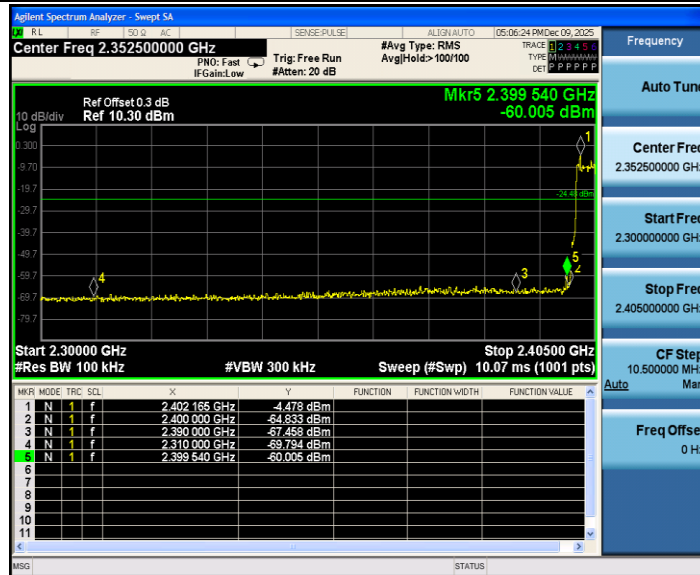
2DH5_Ant1_Low_2402



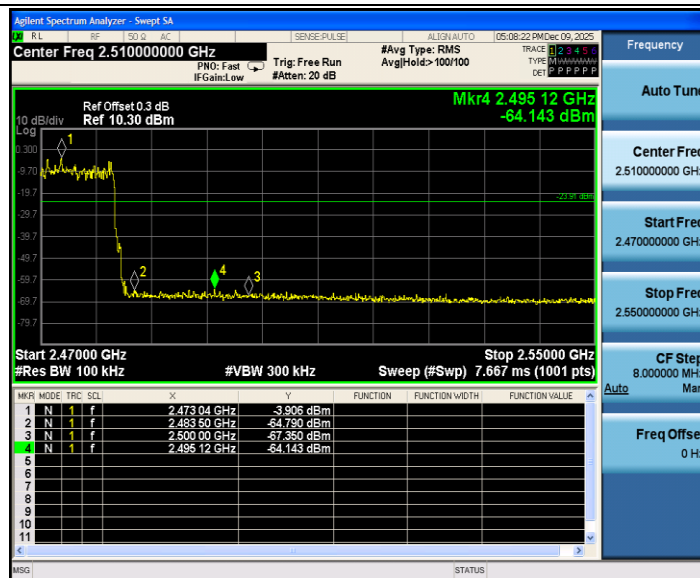
2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480

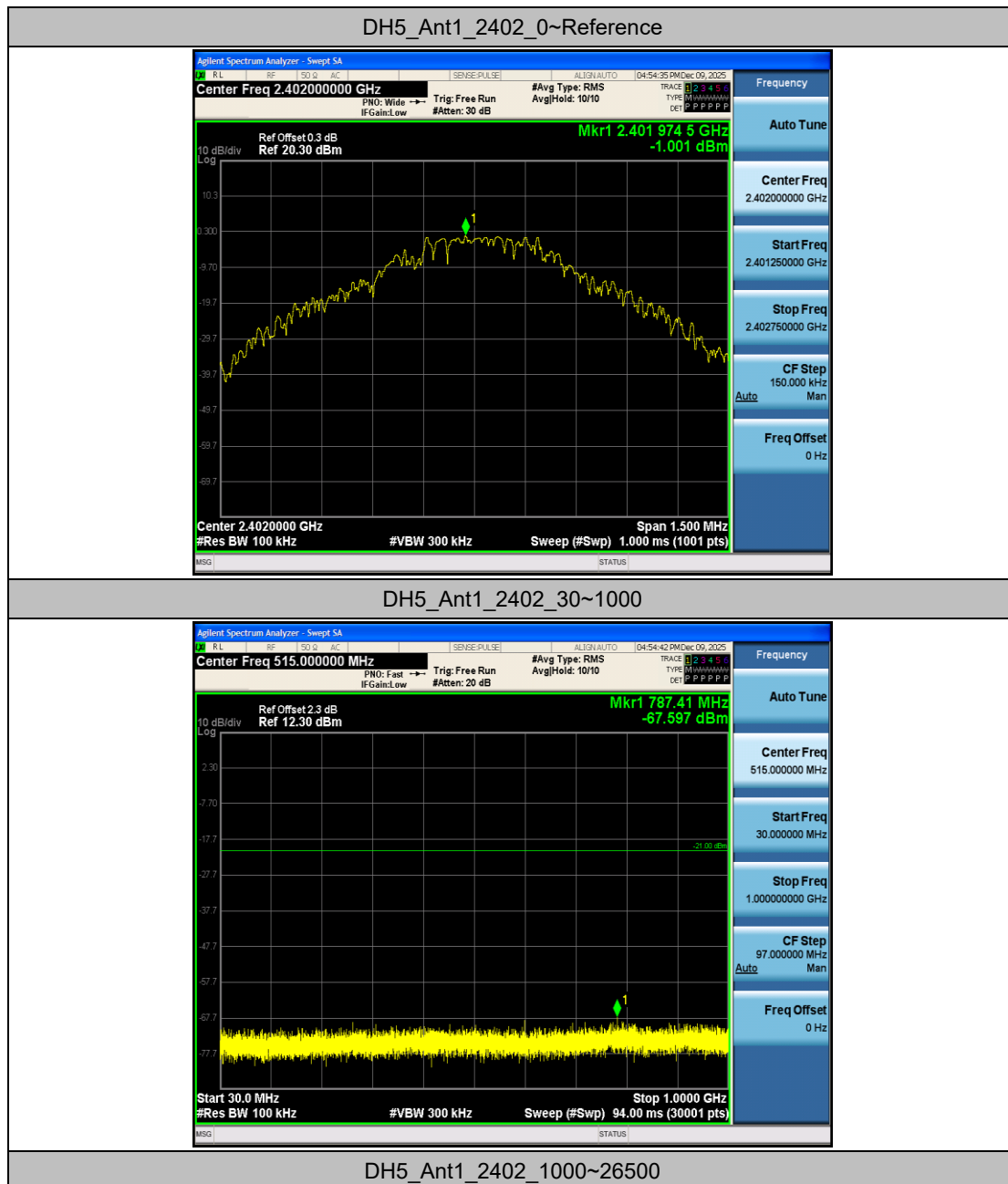


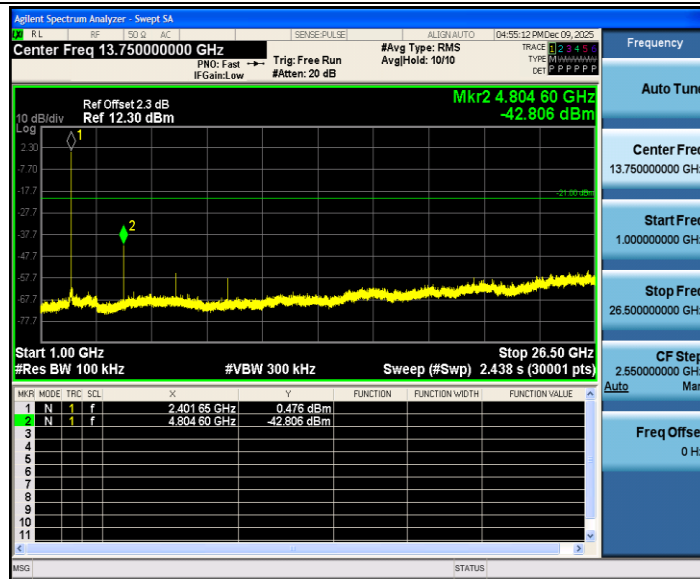
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-1.00	-1.00	---	PASS
			30~1000	-1.00	-67.6	≤-21	PASS
			1000~26500	-1.00	-42.81	≤-21	PASS
		2441	Reference	-0.45	-0.45	---	PASS
			30~1000	-0.45	-68.49	≤-20.45	PASS
			1000~26500	-0.45	-43.87	≤-20.45	PASS
		2480	Reference	-1.55	-1.55	---	PASS
			30~1000	-1.55	-67.23	≤-21.55	PASS
			1000~26500	-1.55	-43.61	≤-21.55	PASS
2DH5	Ant1	2402	Reference	-5.90	-5.90	---	PASS
			30~1000	-5.90	-67.07	≤-25.9	PASS
			1000~26500	-5.90	-51.23	≤-25.9	PASS
		2441	Reference	-5.82	-5.82	---	PASS
			30~1000	-5.82	-68.42	≤-25.82	PASS
			1000~26500	-5.82	-50.68	≤-25.82	PASS
		2480	Reference	-5.16	-5.16	---	PASS
			30~1000	-5.16	-67.7	≤-25.16	PASS
			1000~26500	-5.16	-51.31	≤-25.16	PASS

Test Graphs

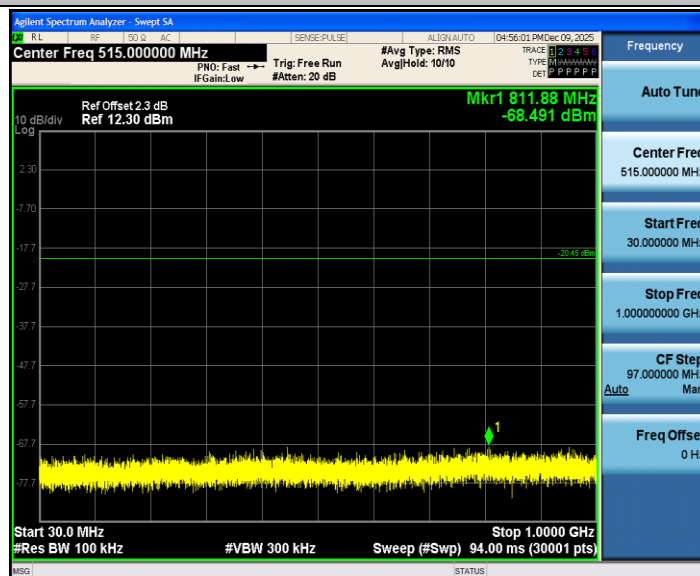




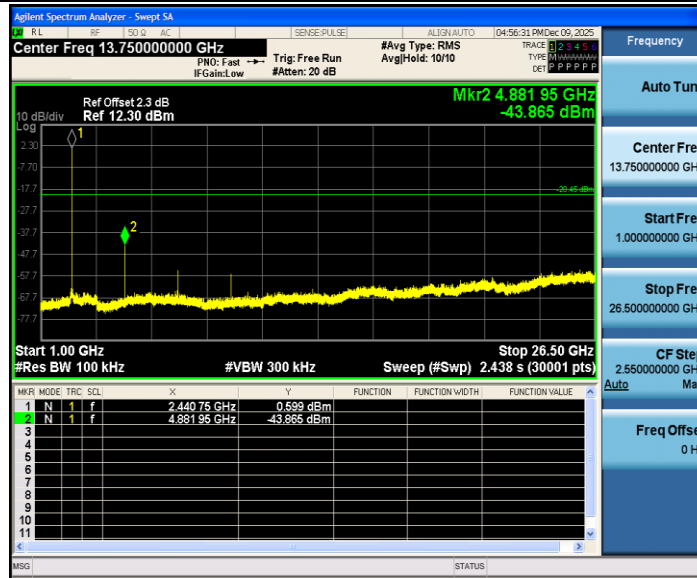
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



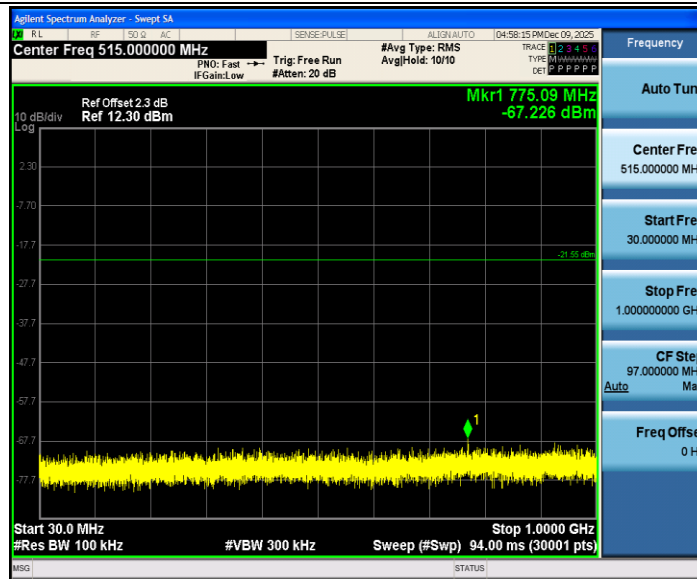
DH5_Ant1_2441_1000~26500



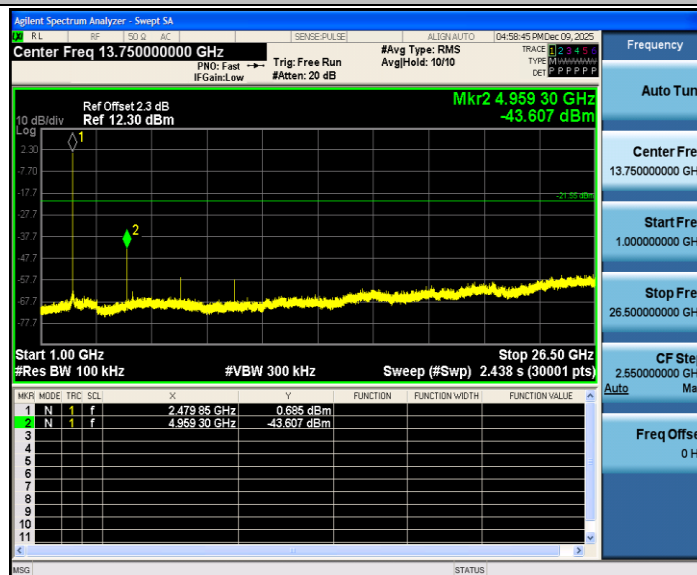
DH5_Ant1_2480_0~Reference



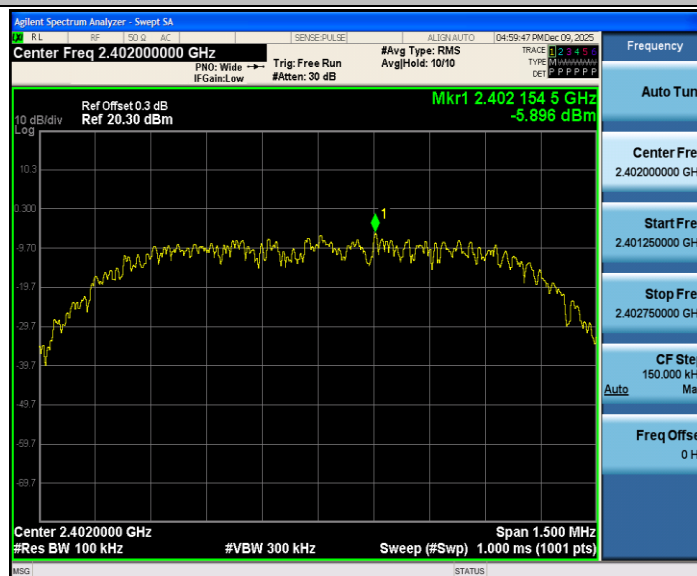
DH5_Ant1_2480_30~1000



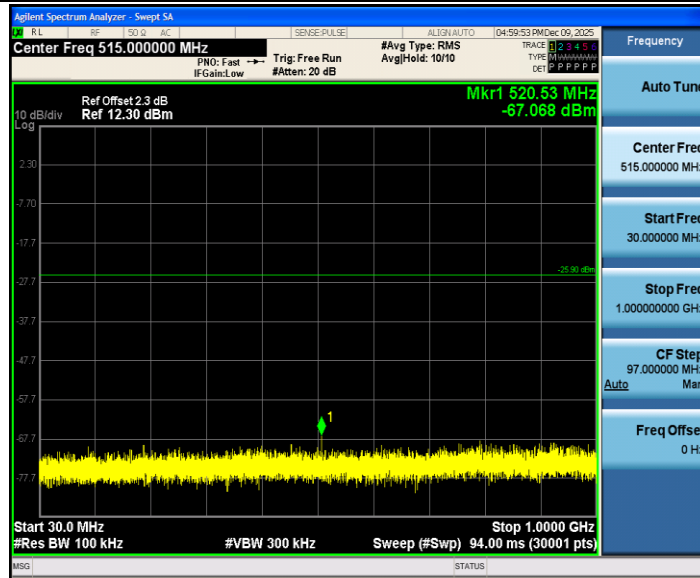
DH5_Ant1_2480_1000~26500



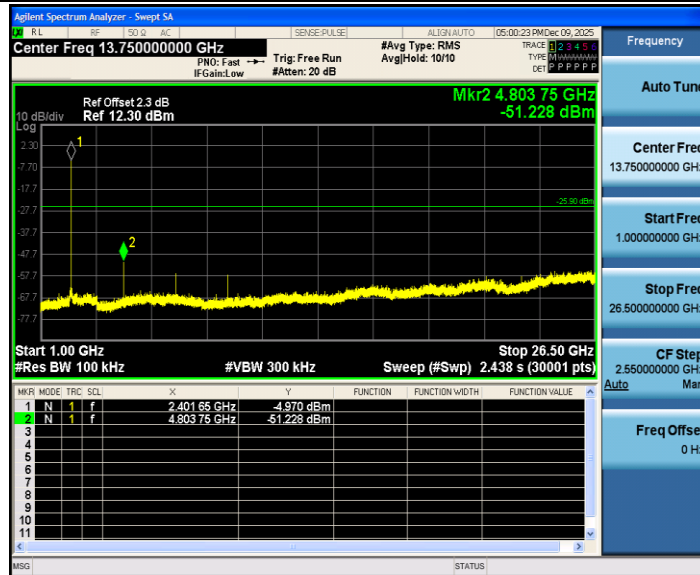
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



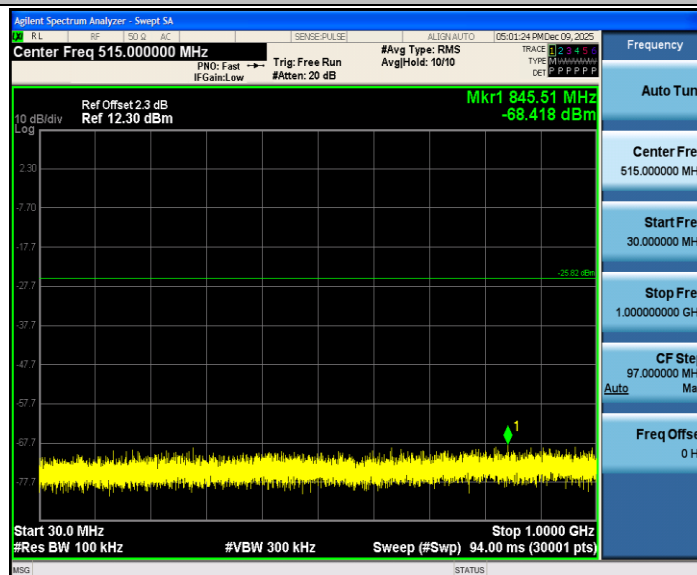
2DH5_Ant1_2402_1000~26500



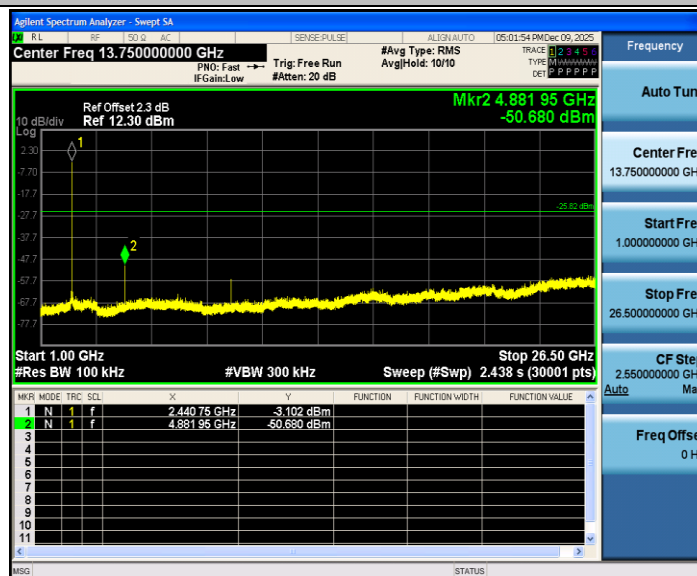
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



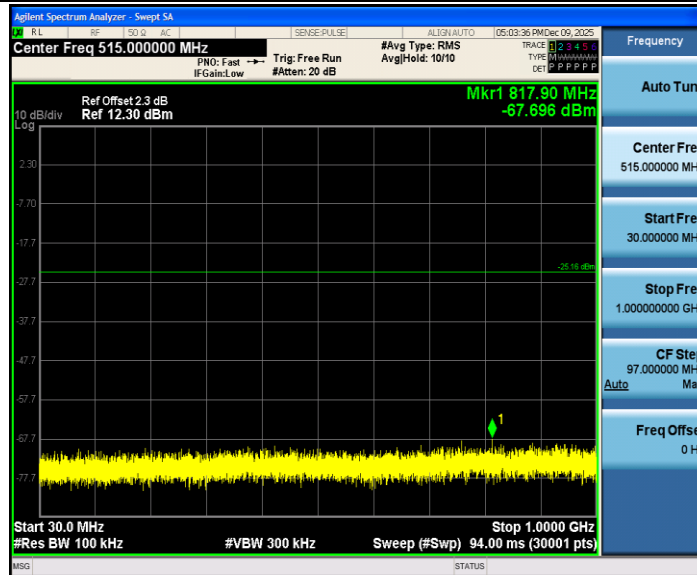
2DH5_Ant1_2441_1000~26500



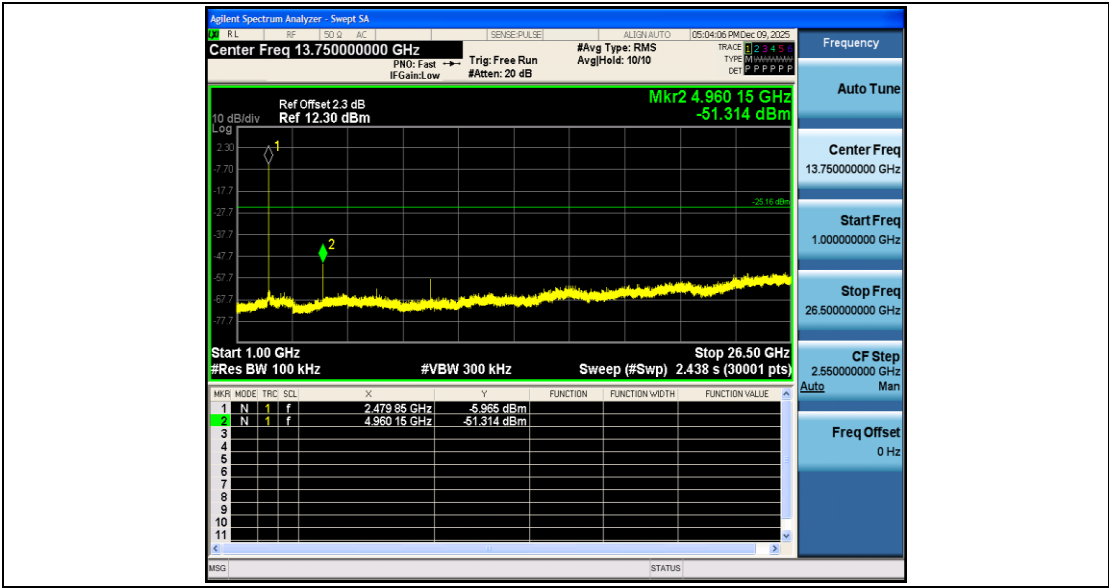
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



2DH5_Ant1_2480_1000~26500

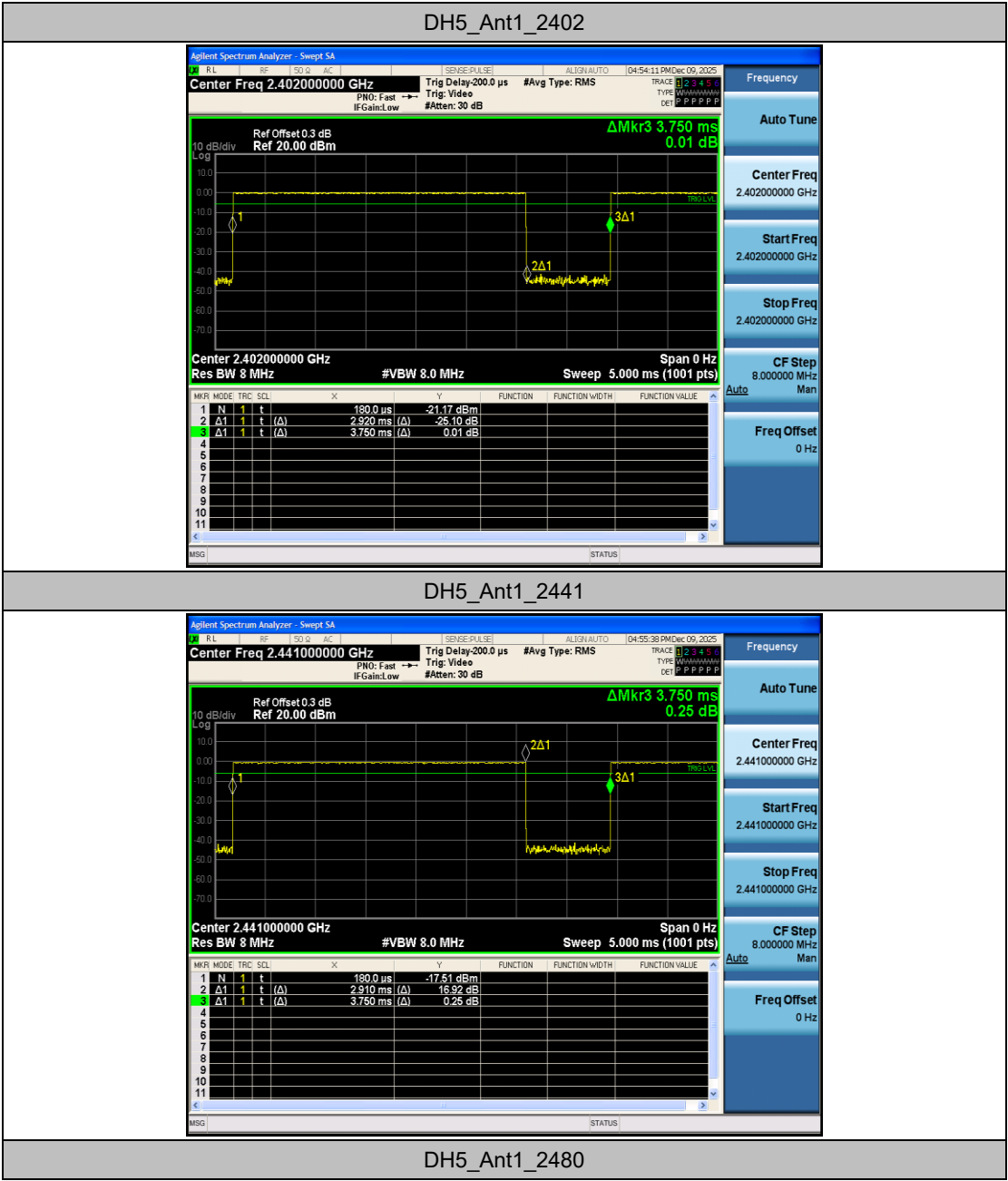


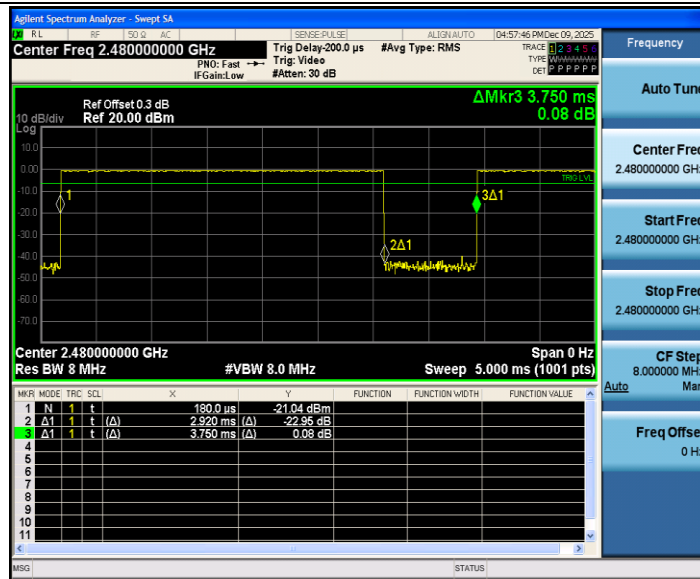
Appendix I: Duty Cycle

Test Result

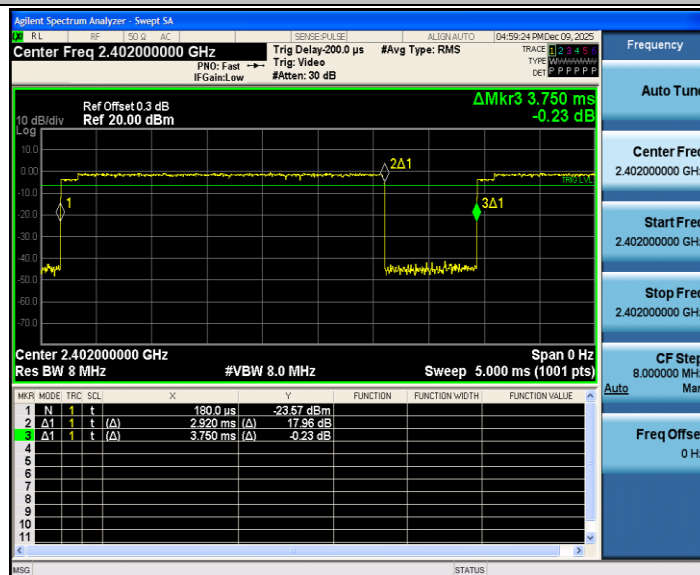
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.92	3.75	77.87	1.09	---	---
		2441	2.91	3.75	77.60	1.10	---	---
		2480	2.92	3.75	77.87	1.09	---	---
2DH5	Ant1	2402	2.92	3.75	77.87	1.09	---	---
		2441	2.91	3.75	77.60	1.10	---	---
		2480	2.92	3.75	77.87	1.09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

Test Graphs

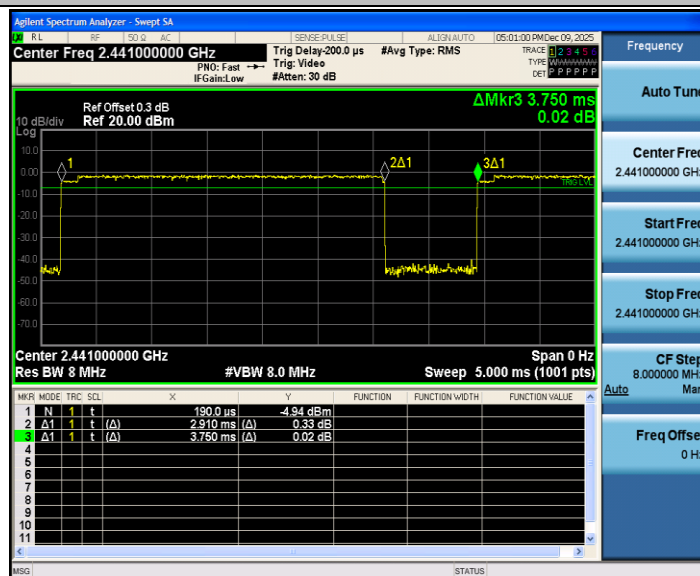




2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480

