4 Appendix

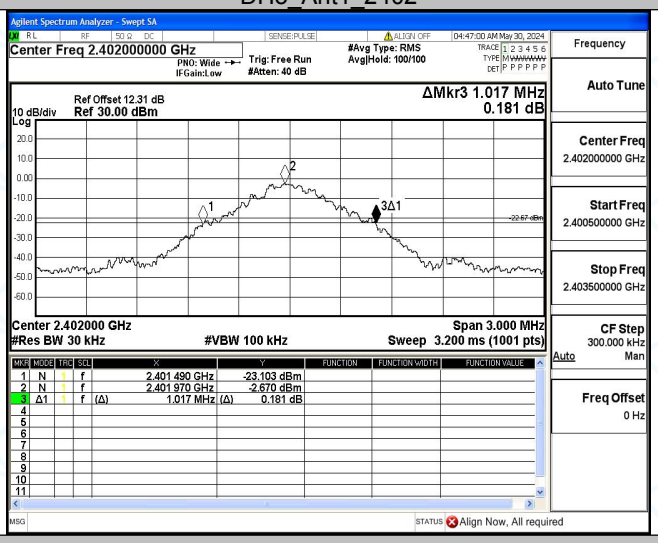
Appendix A: 20dB Emission Bandwidth

Test Result

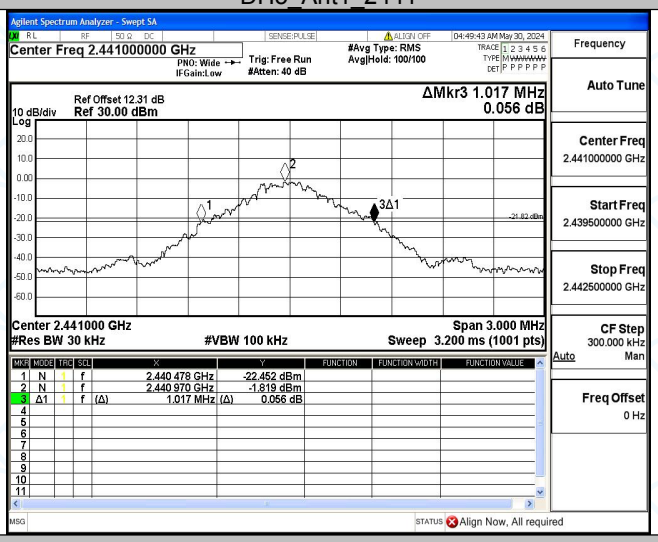
Test Mode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.017	2401.490	2402.507	---	---
		2441	1.017	2440.478	2441.495	---	---
		2480	1.020	2479.487	2480.507	---	---
2DH5	Ant1	2402	1.323	2401.331	2402.654	---	---
		2441	1.323	2440.331	2441.654	---	---
		2480	1.338	2479.337	2480.675	---	---
3DH5	Ant1	2402	1.293	2401.361	2402.654	---	---
		2441	1.305	2440.352	2441.657	---	---
		2480	1.299	2479.346	2480.645	---	---

Test Graphs

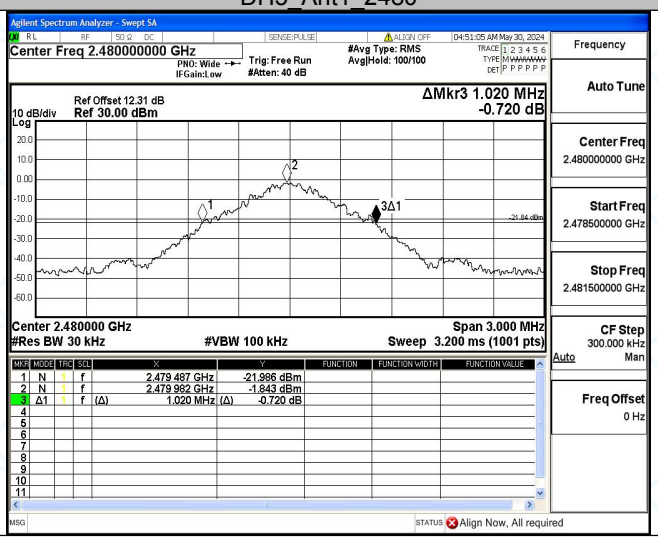
DH5_Ant1_2402



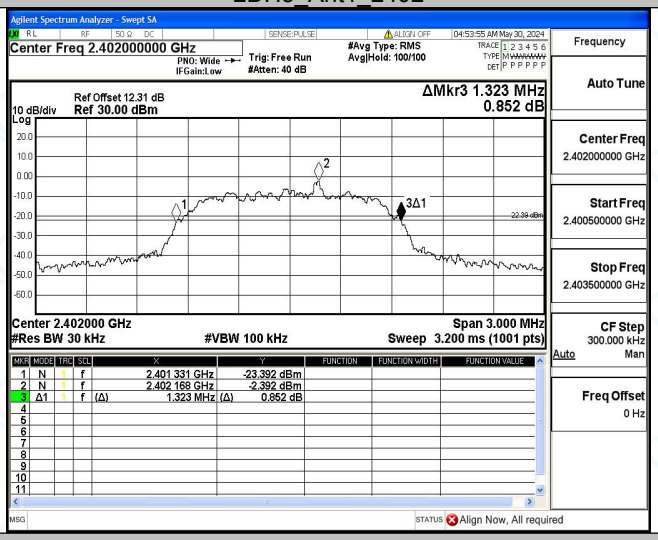
DH5_Ant1_2441



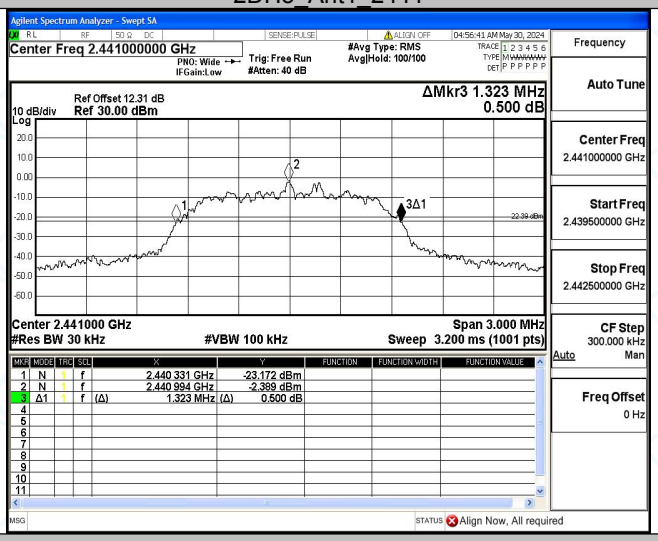
DH5_Ant1_2480



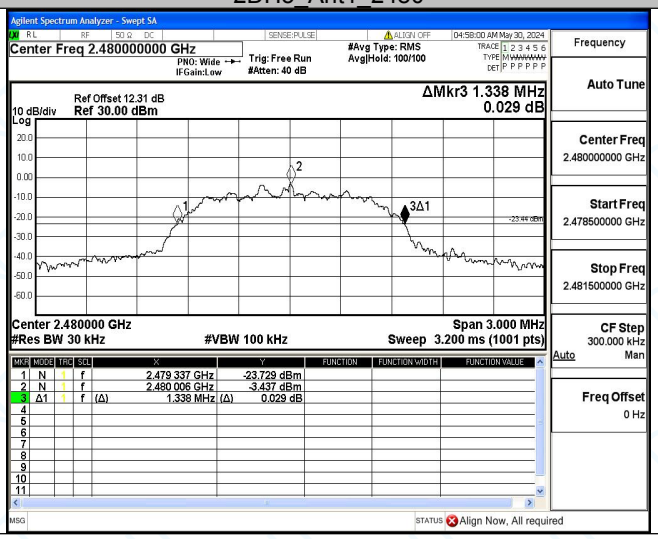
2DH5_Ant1_2402



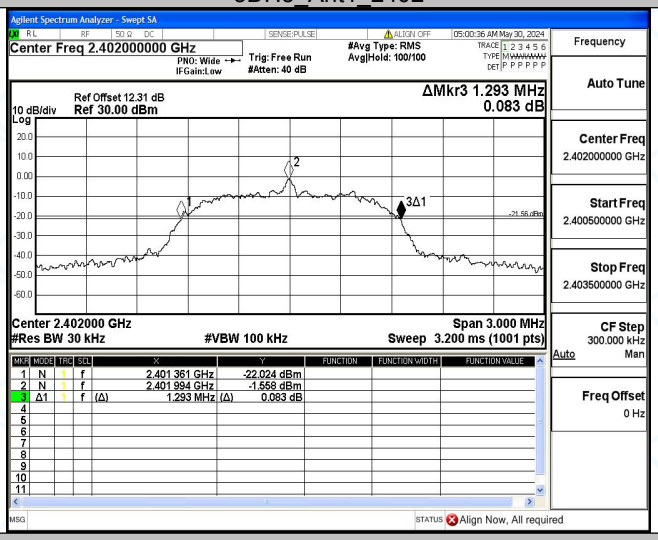
2DH5_Ant1_2441



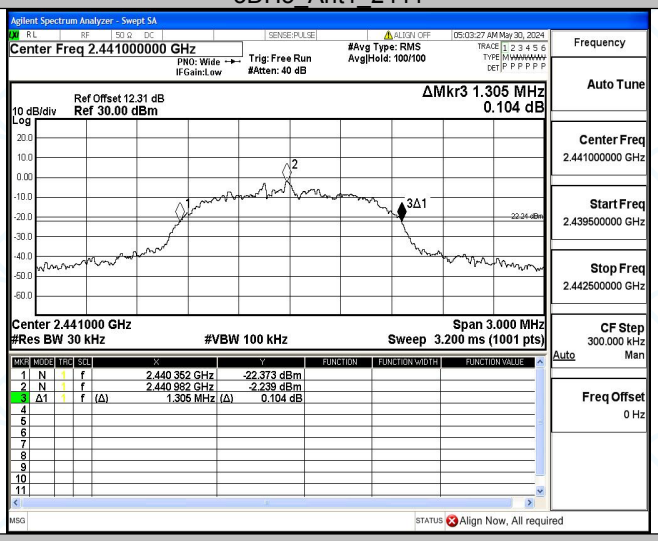
2DH5_Ant1_2480



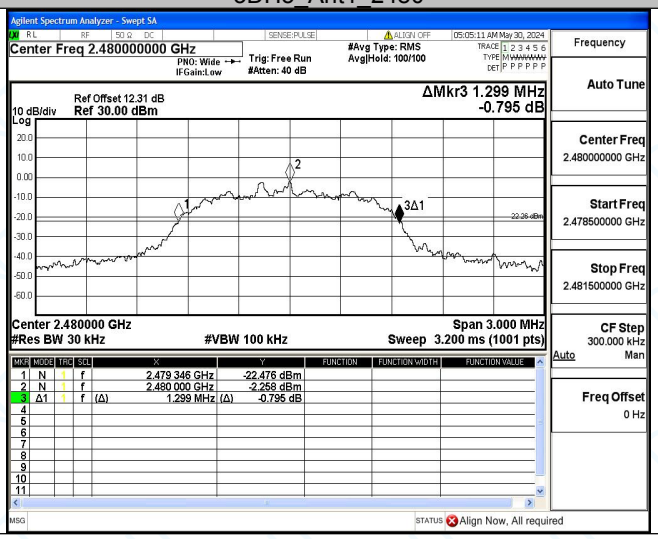
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



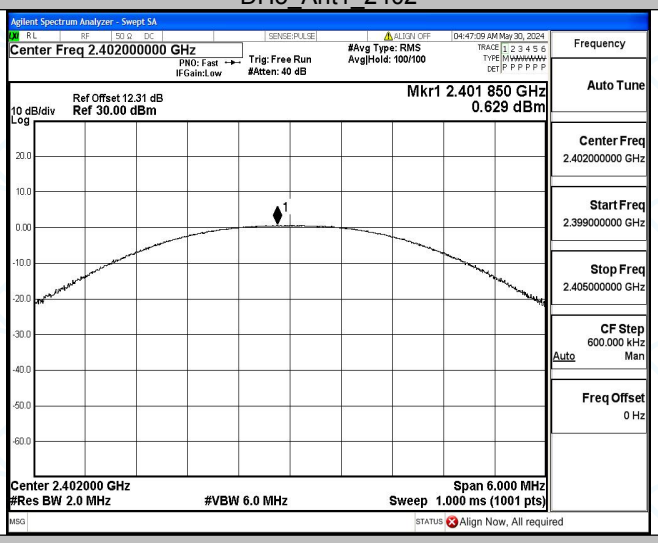
Appendix B: Maximum conducted output power

Test Result

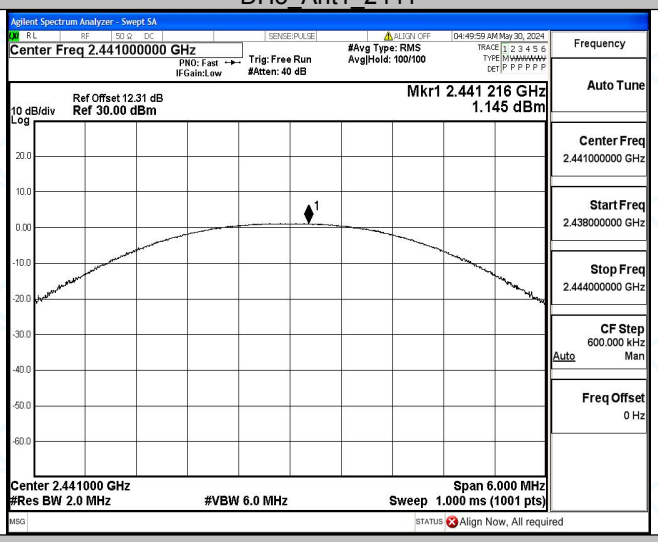
Test Mode	Antenna	Freq(MHz)	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.63	≤20.97	PASS
		2441	1.15	≤20.97	PASS
		2480	1.17	≤20.97	PASS
2DH5	Ant1	2402	1.38	≤20.97	PASS
		2441	1.89	≤20.97	PASS
		2480	1.85	≤20.97	PASS
3DH5	Ant1	2402	1.87	≤20.97	PASS
		2441	2.25	≤20.97	PASS
		2480	2.37	≤20.97	PASS

Test Graphs

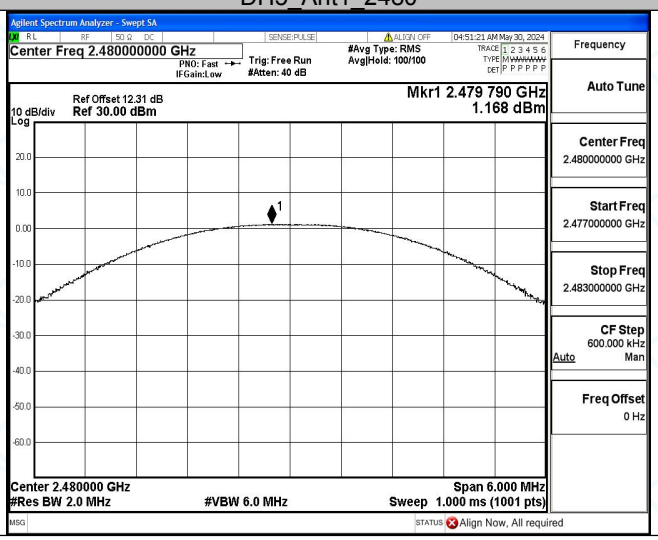
DH5_Ant1_2402



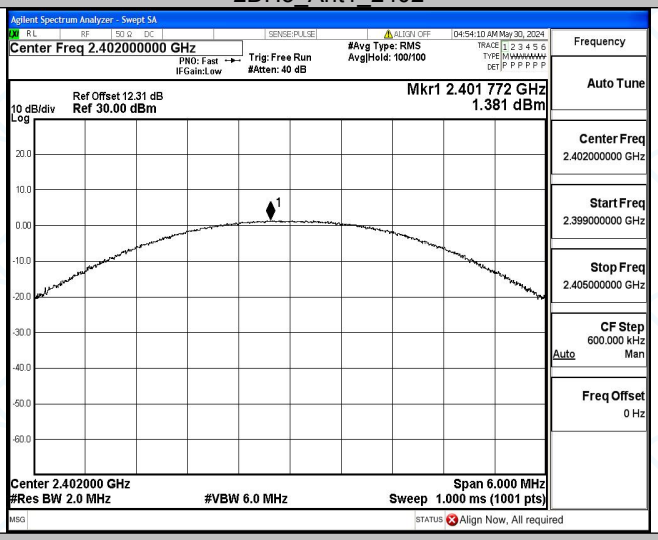
DH5_Ant1_2441



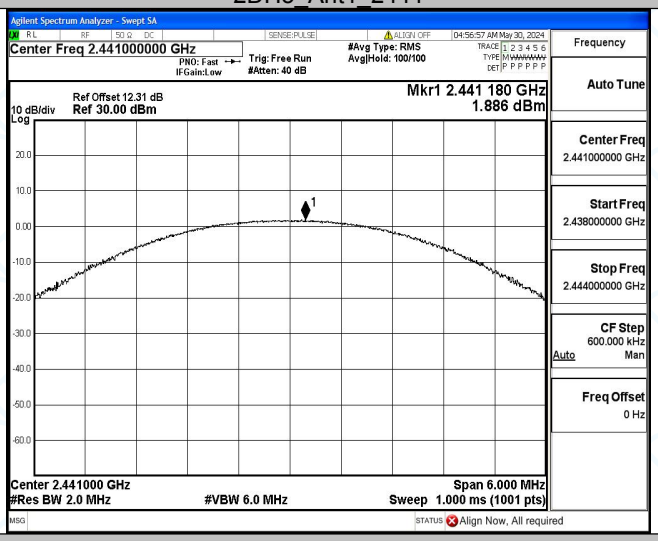
DH5_Ant1_2480



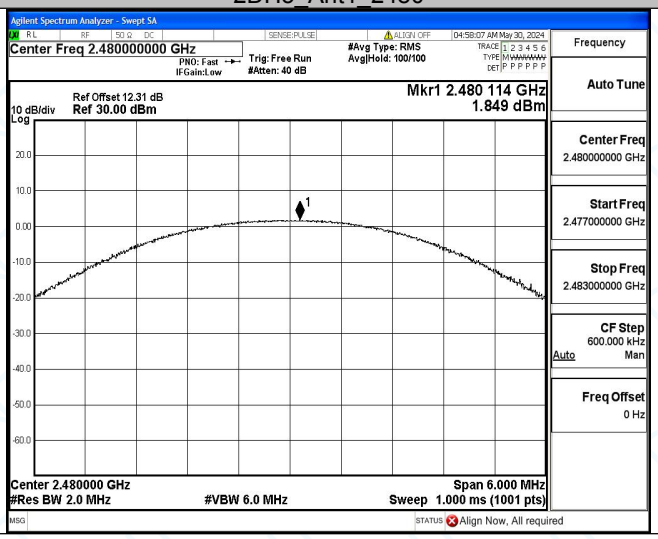
2DH5_Ant1_2402



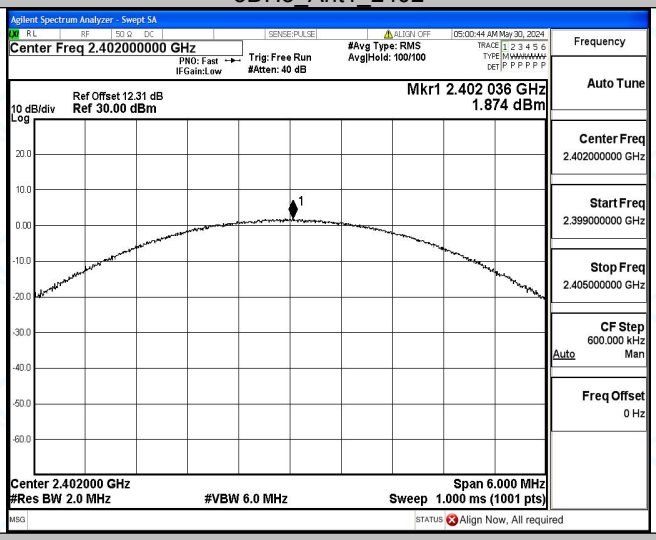
2DH5_Ant1_2441



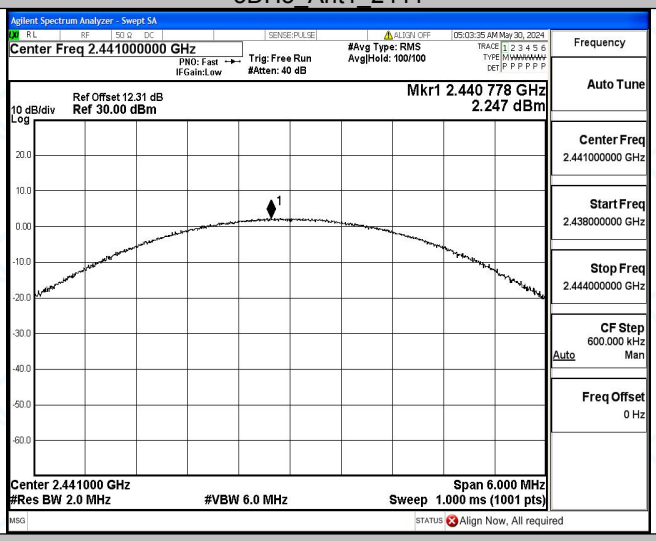
2DH5_Ant1_2480



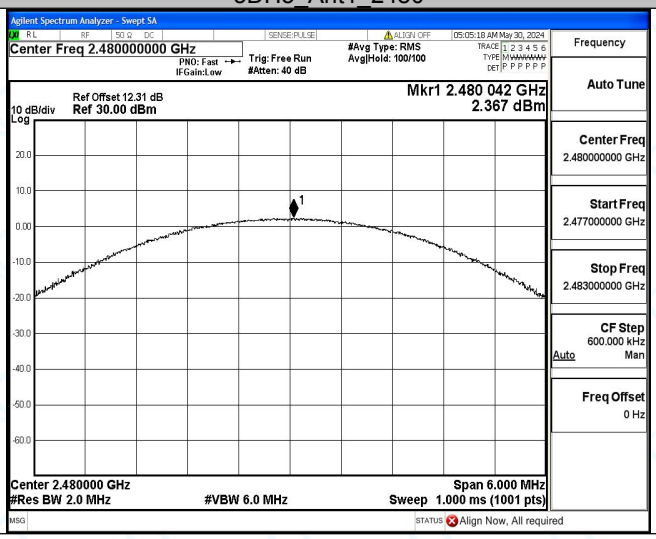
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



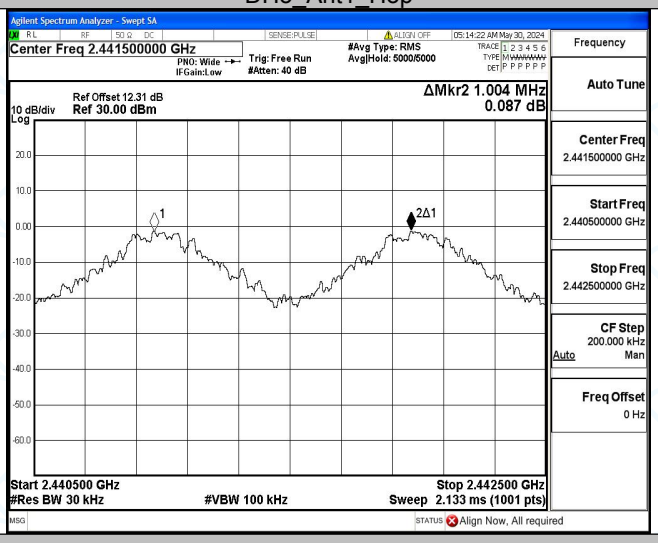
Appendix C: Carrier frequency separation

Test Result

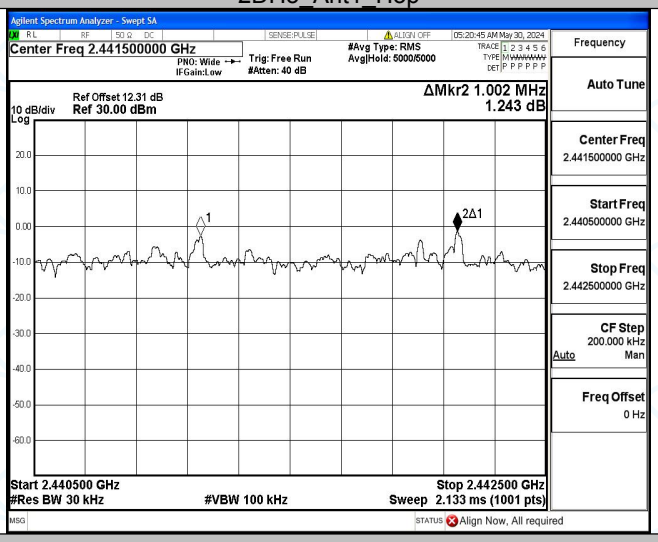
Test Mode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.004	≥0.680	PASS
2DH5	Ant1	Hop	1.002	≥0.892	PASS
3DH5	Ant1	Hop	1.136	≥0.870	PASS

Test Graphs

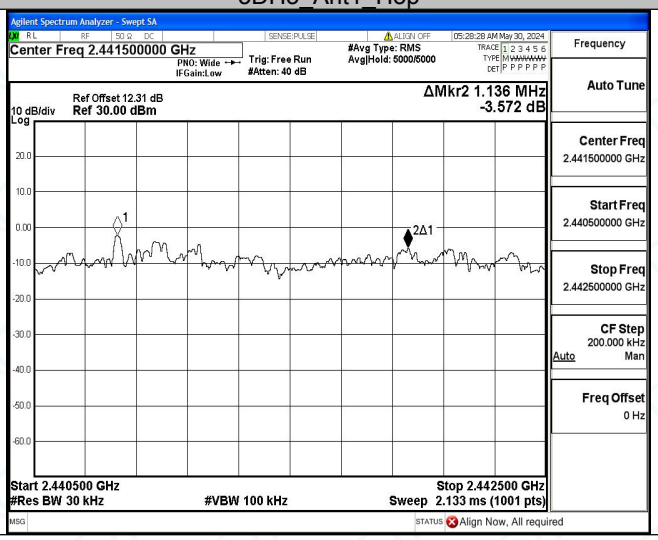
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop



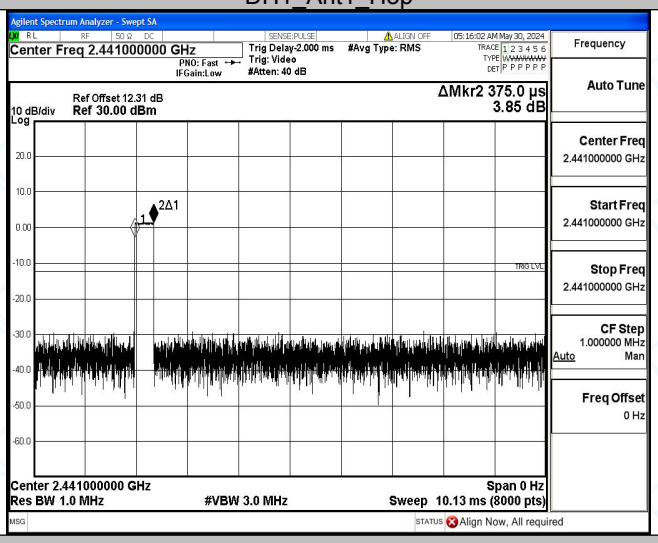
Appendix D: Dwell Time

Test Result

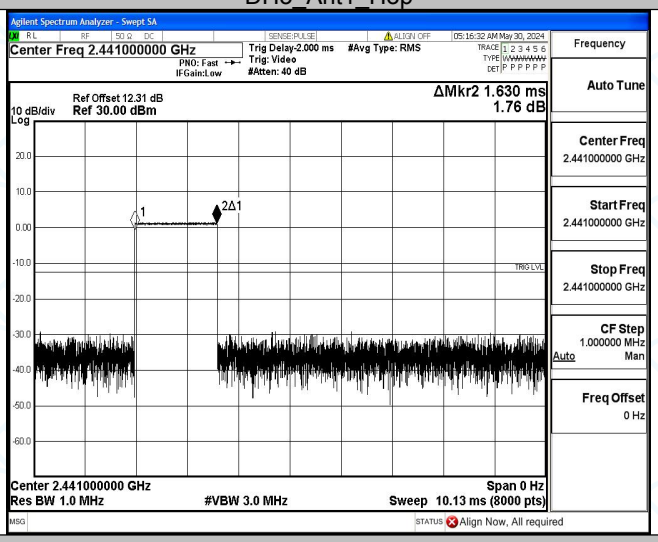
Test Mode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.375	320	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.630	160	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.878	106.67	0.307	≤0.4	PASS
2DH1	Ant1	Hop	0.385	320	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.637	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.885	106.67	0.308	≤0.4	PASS
3DH1	Ant1	Hop	0.386	320	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.637	160	0.262	≤0.4	PASS
3DH5	Ant1	Hop	2.887	106.67	0.308	≤0.4	PASS

Test Graphs

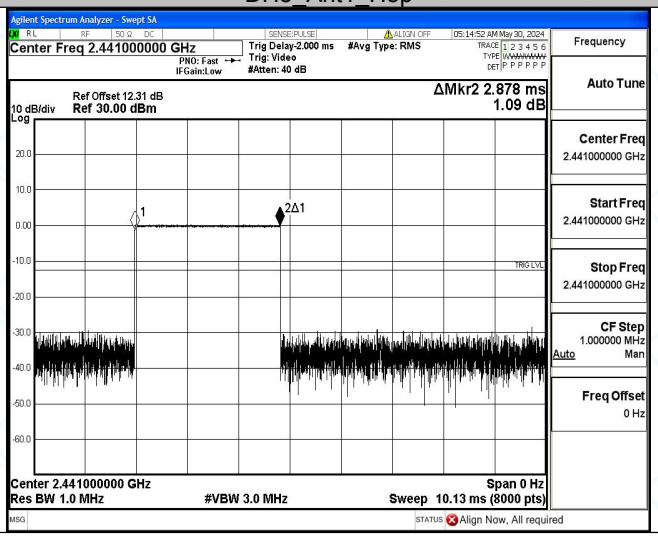
DH1_Ant1_Hop



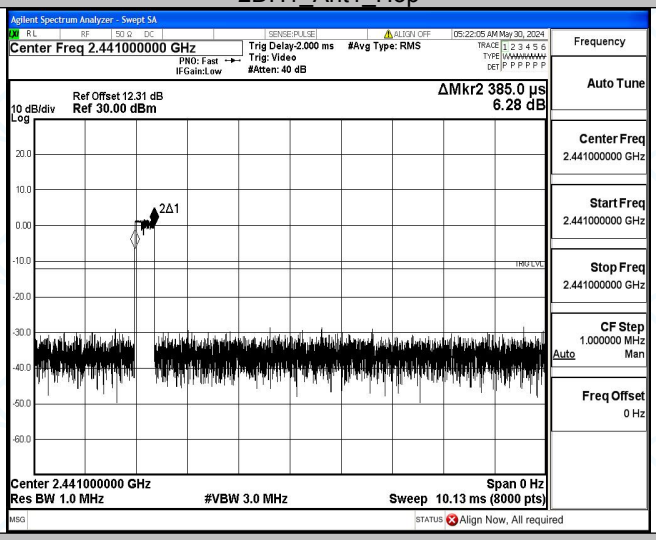
DH3_Ant1_Hop



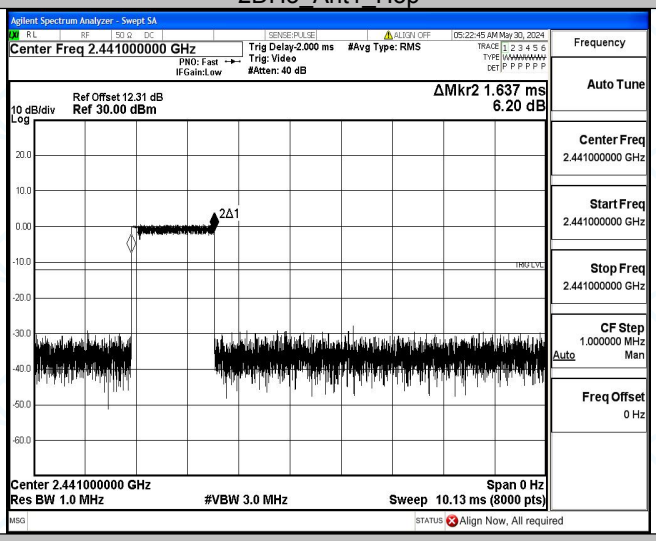
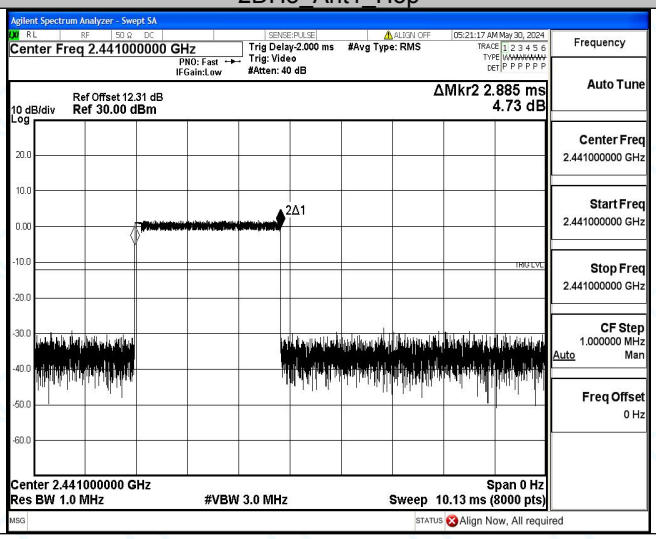
DH5_Ant1_Hop



2DH1_Ant1_Hop



2DH3_Ant1_Hop



2DH5_Ant1_Hop