

Annex for FCC BT

Test Report No. :CTL2207269022-WF01

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.960	2401.541	2402.501	---	PASS
		2441	0.957	2440.544	2441.501	---	PASS
		2480	0.963	2479.541	2480.504	---	PASS
2DH5	Ant1	2402	1.404	2401.304	2402.708	---	PASS
		2441	1.404	2440.304	2441.708	---	PASS
		2480	1.401	2479.307	2480.708	---	PASS
3DH5	Ant1	2402	1.392	2401.307	2402.699	---	PASS
		2441	1.392	2440.310	2441.702	---	PASS
		2480	1.386	2479.310	2480.696	---	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



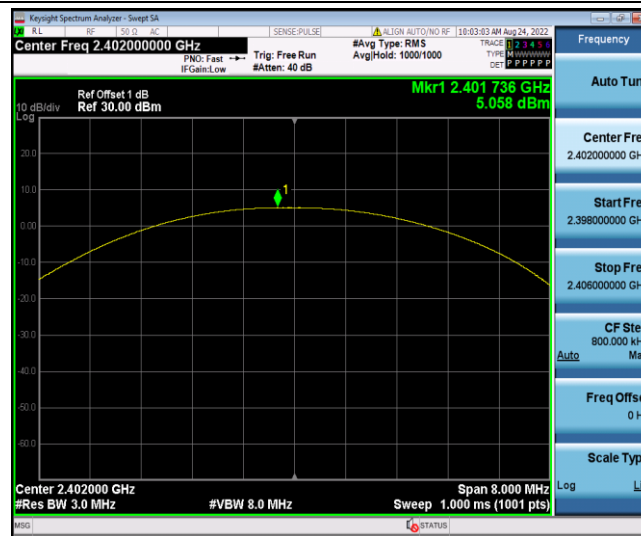
3DH5_Ant1_2480

Appendix B: Maximum conducted output power

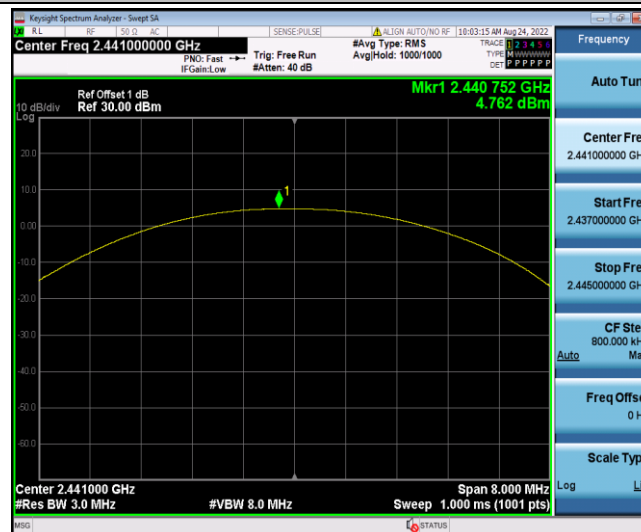
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	5.06	≤30	PASS
		2441	4.76	≤30	PASS
		2480	4.52	≤30	PASS
2DH5	Ant1	2402	2.58	≤20.97	PASS
		2441	2.45	≤20.97	PASS
		2480	2.14	≤20.97	PASS
3DH5	Ant1	2402	2.99	≤20.97	PASS
		2441	2.78	≤20.97	PASS
		2480	2.52	≤20.97	PASS

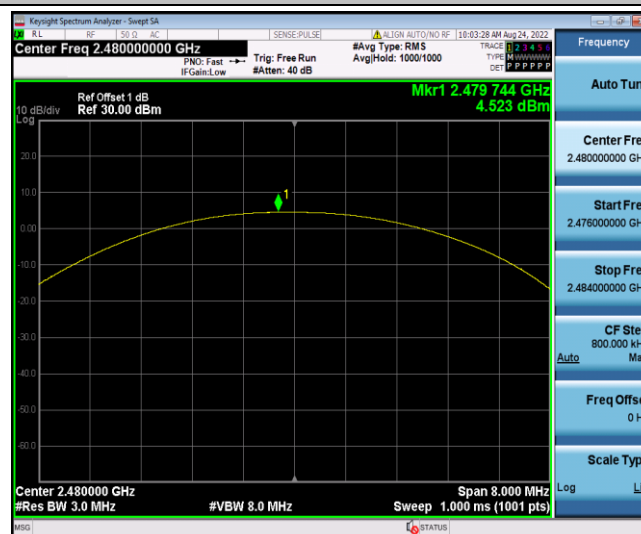
Test Graphs



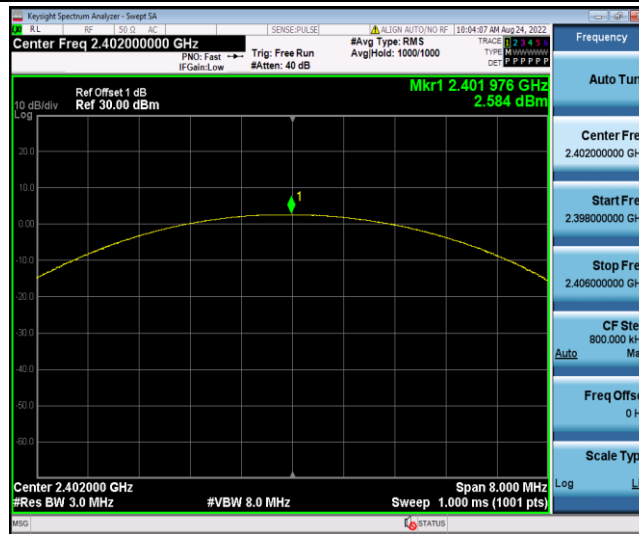
DH5_Ant1_2402



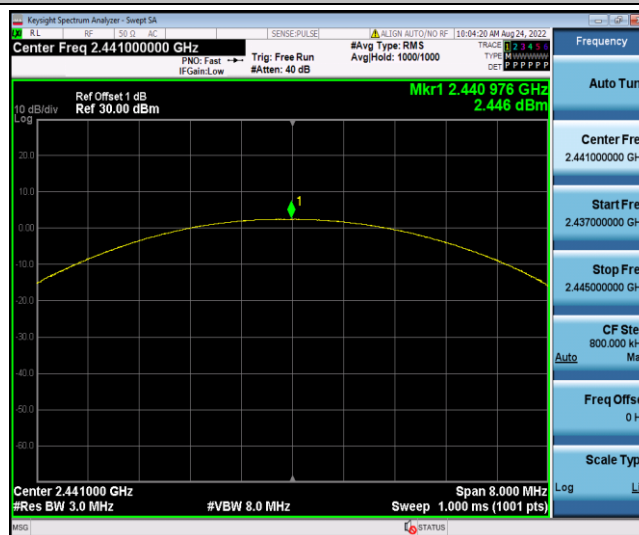
DH5_Ant1_2441



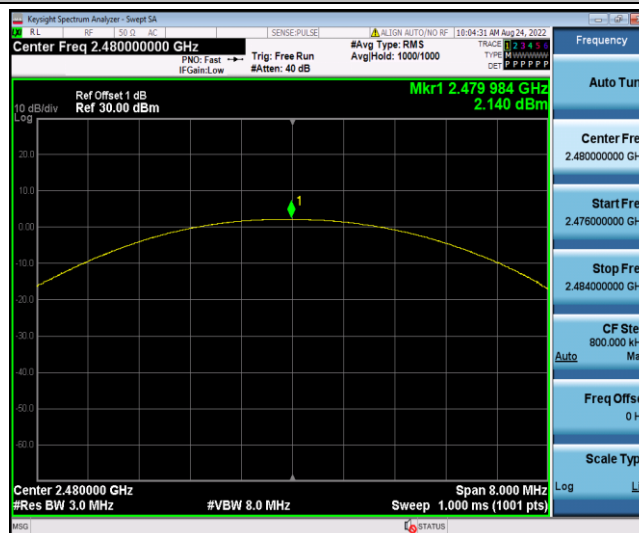
DH5_Ant1_2480



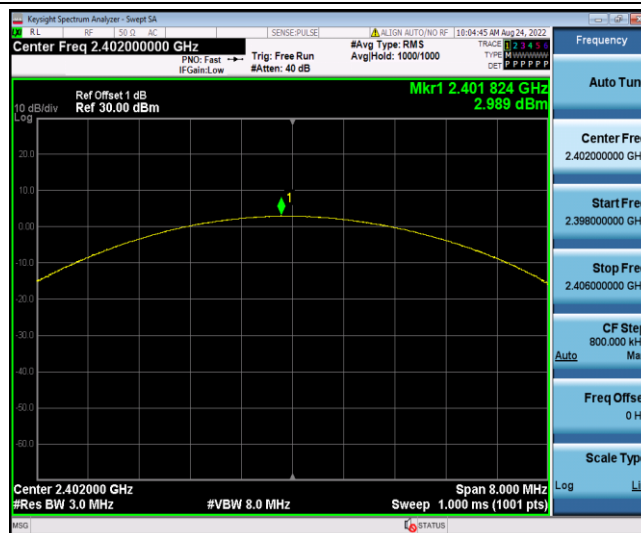
2DH5_Ant1_2402



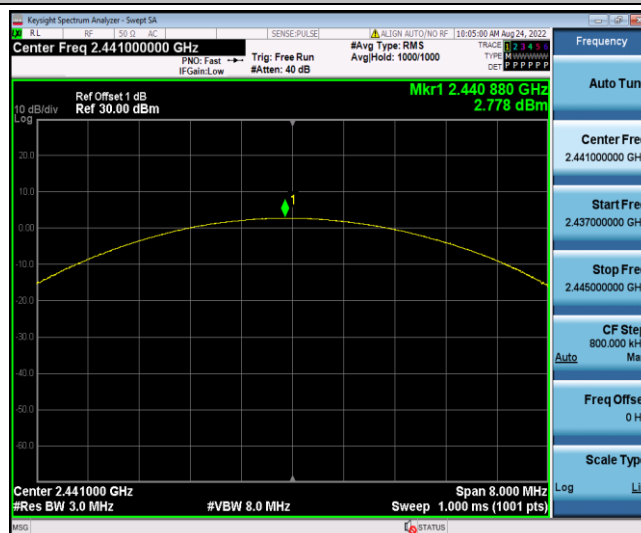
2DH5_Ant1_2441



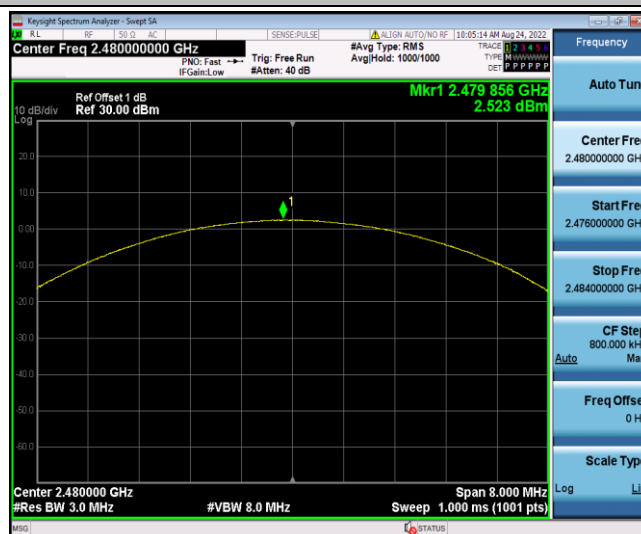
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



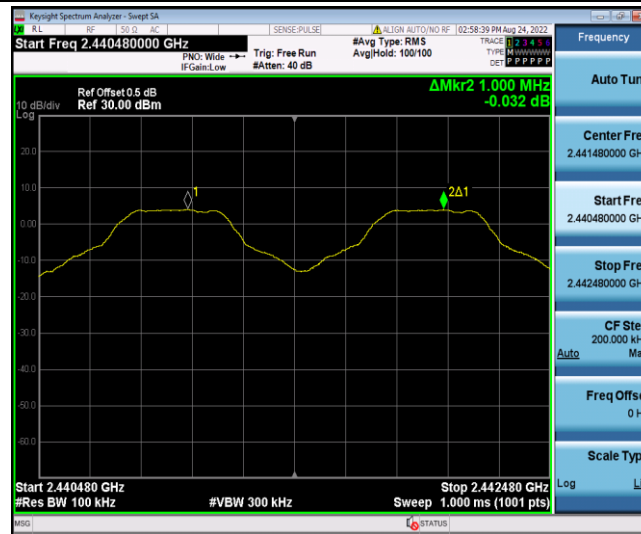
3DH5_Ant1_2480

Appendix C: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	1	≥ 0.963	PASS
2DH5	Ant1	Hop	1.01	≥ 0.936	PASS
3DH5	Ant1	Hop	0.994	≥ 0.928	PASS

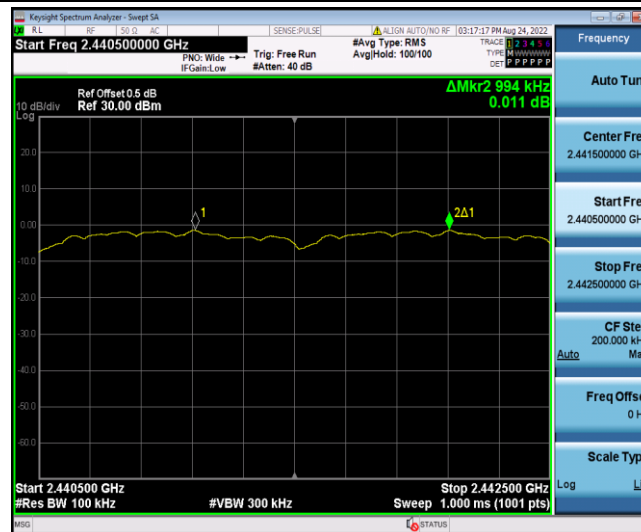
Test Graphs



DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop

Appendix D: Time of occupancy

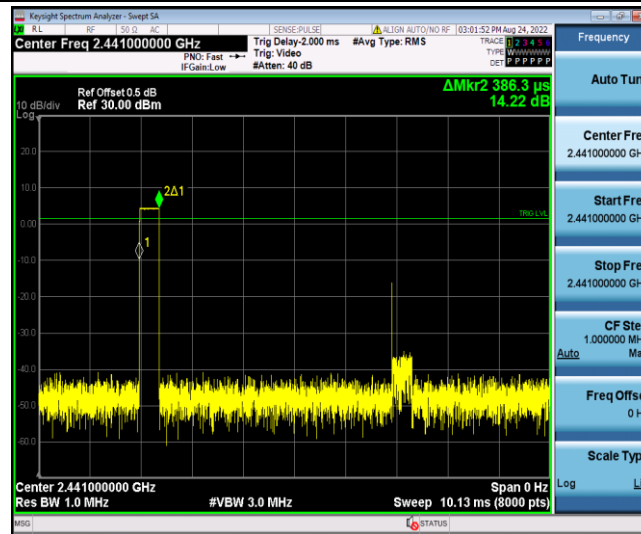
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	320	0.124	≤0.4	PASS
DH3	Ant1	Hop	1.64	150	0.246	≤0.4	PASS
DH5	Ant1	Hop	2.89	130	0.376	≤0.4	PASS
2DH1	Ant1	Hop	0.39	330	0.13	≤0.4	PASS
2DH3	Ant1	Hop	1.65	160	0.263	≤0.4	PASS
2DH5	Ant1	Hop	2.89	140	0.405	≤0.4	PASS
3DH1	Ant1	Hop	0.39	320	0.126	≤0.4	PASS
3DH3	Ant1	Hop	1.64	180	0.296	≤0.4	PASS
3DH5	Ant1	Hop	2.89	110	0.318	≤0.4	PASS

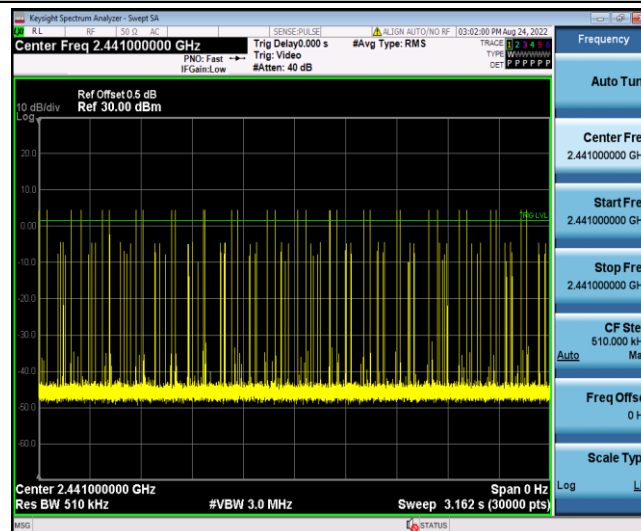
Note: (1) Dwell time=Pulse time (ms) × Total Pulse number s

(2) Total Pulse number= Pulse number in 3.16 s × 10

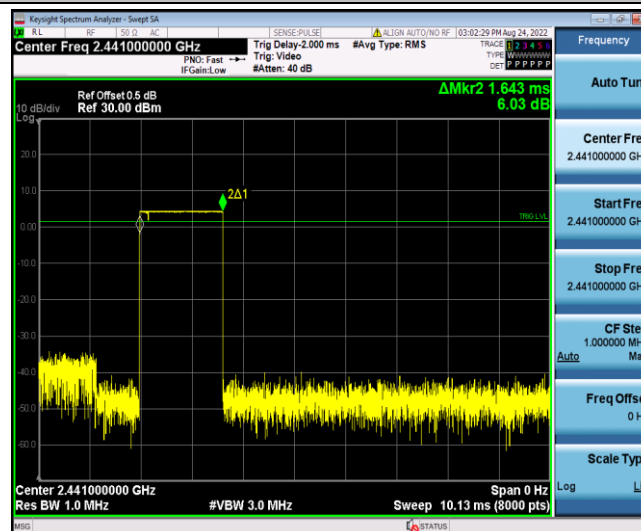
Test Graphs



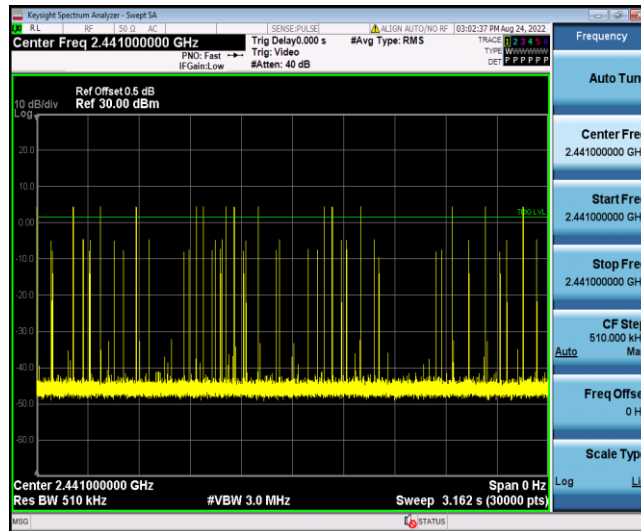
DH1_Ant1_Hop



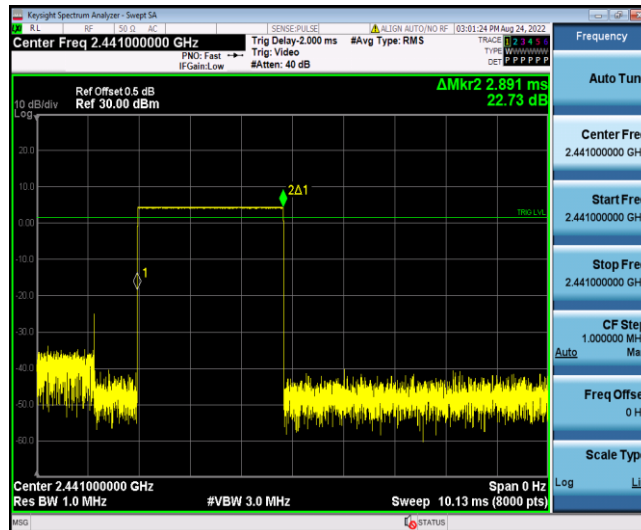
DH1_Ant1_Hop



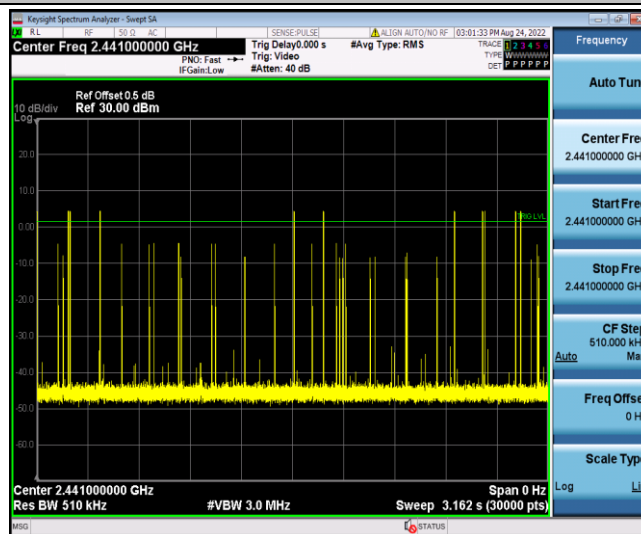
DH3_Ant1_Hop



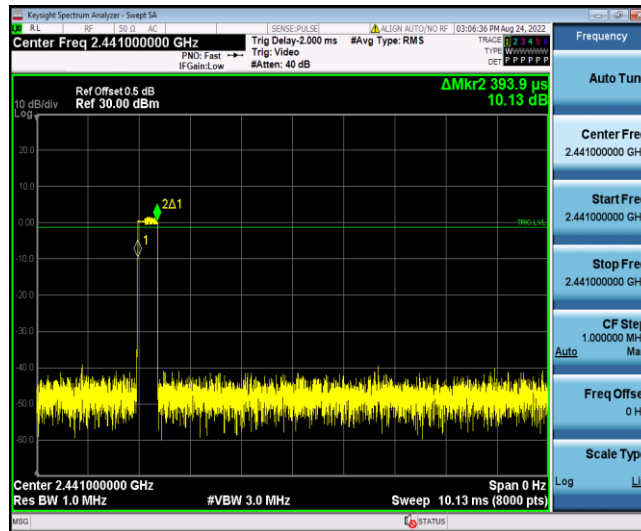
DH3_Ant1_Hop



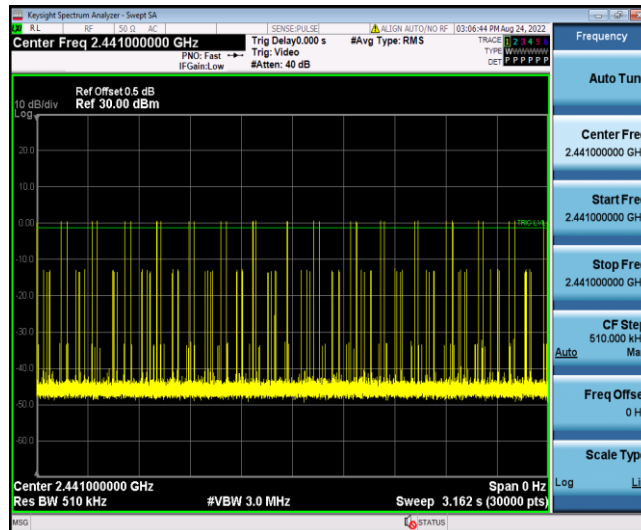
DH5_Ant1_Hop



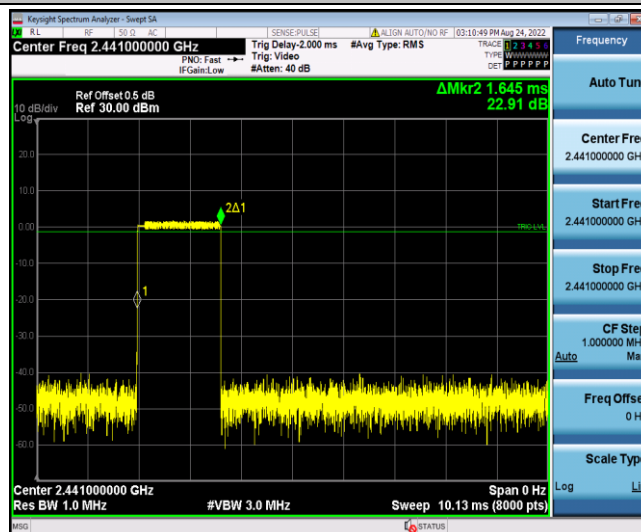
DH5_Ant1_Hop



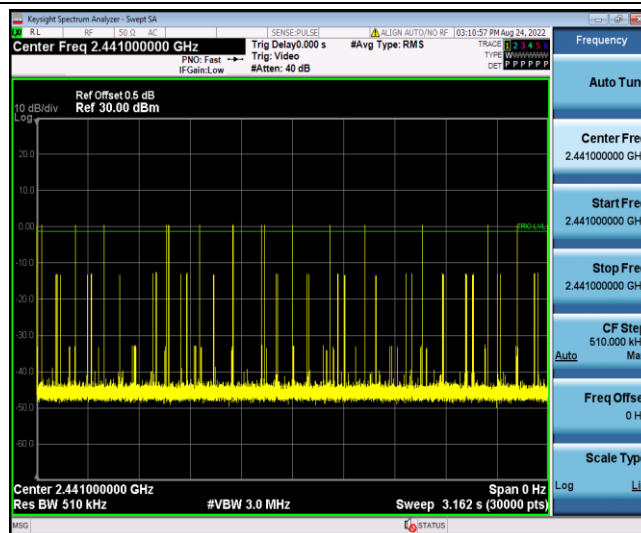
2DH1_Ant1_Hop



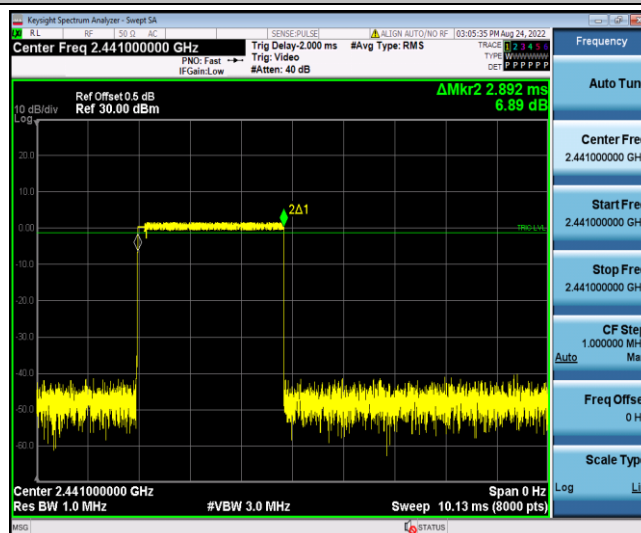
2DH1_Ant1_Hop



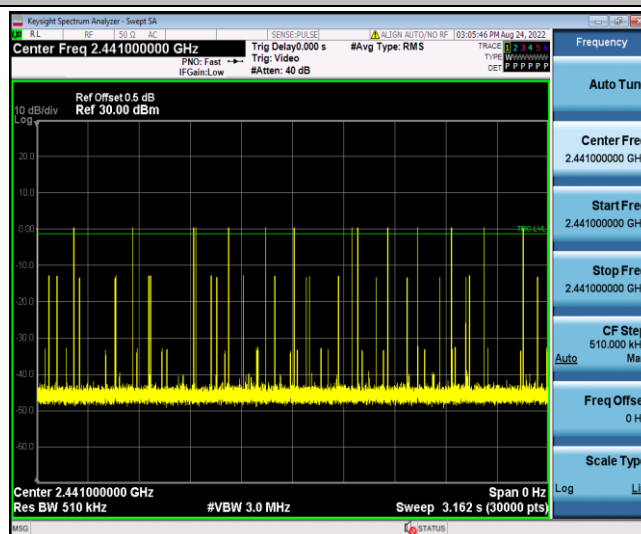
2DH3_Ant1_Hop



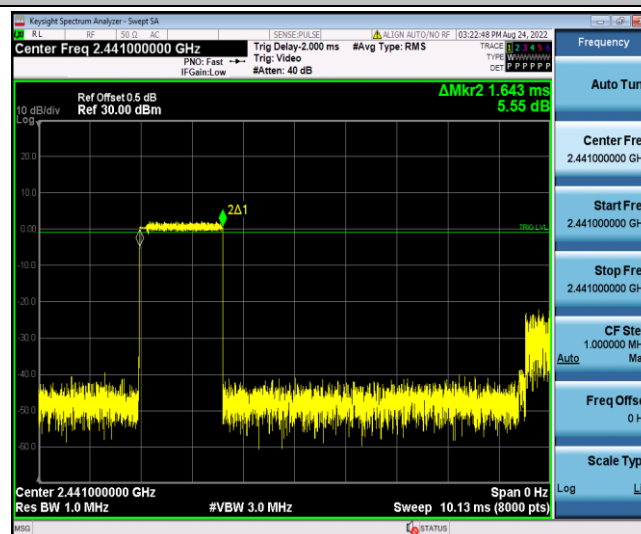
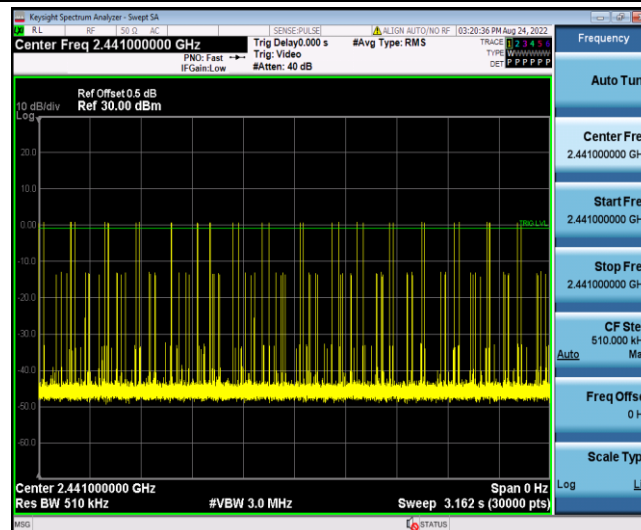
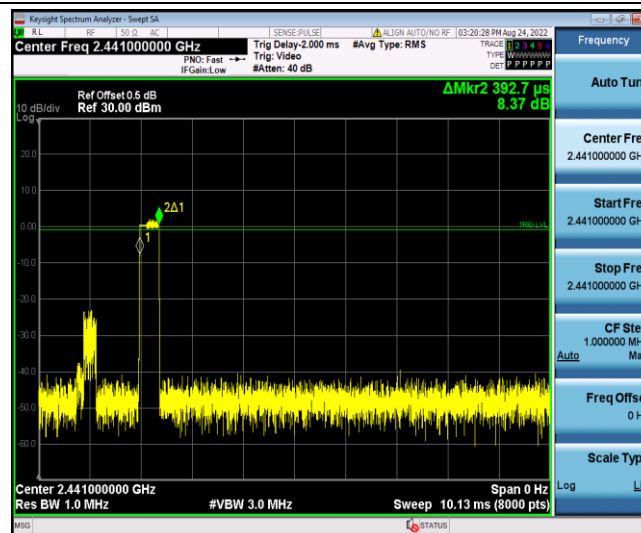
2DH3_Ant1_Hop

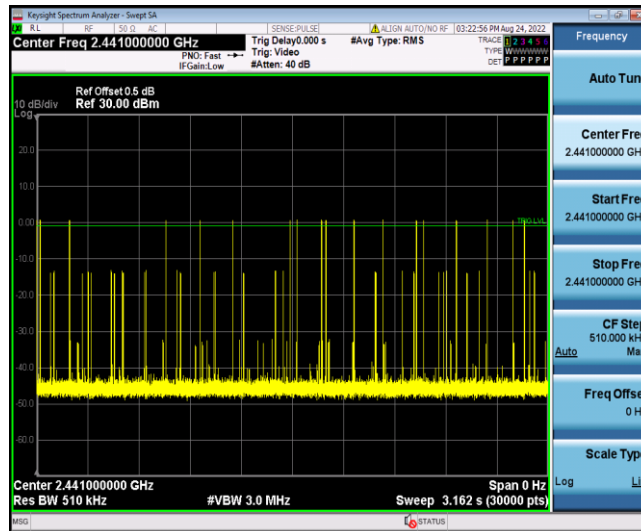


2DH5_Ant1_Hop

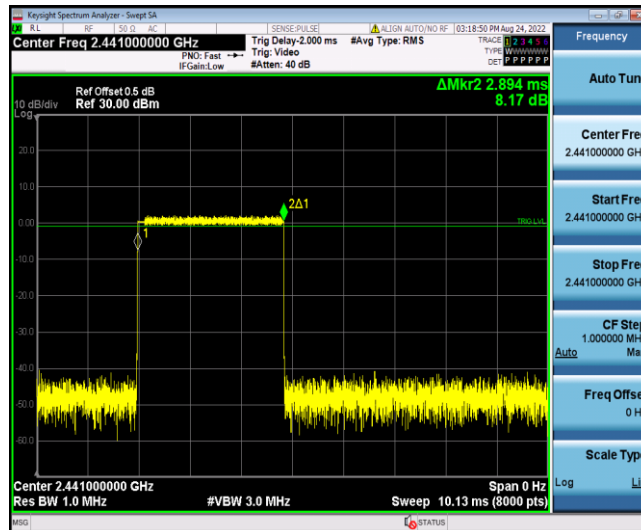


2DH5_Ant1_Hop

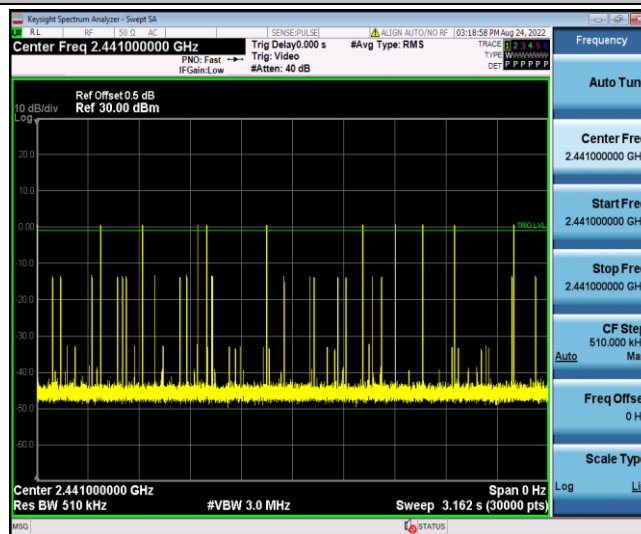




3DH3_Ant1_Hop



3DH5_Ant1_Hop



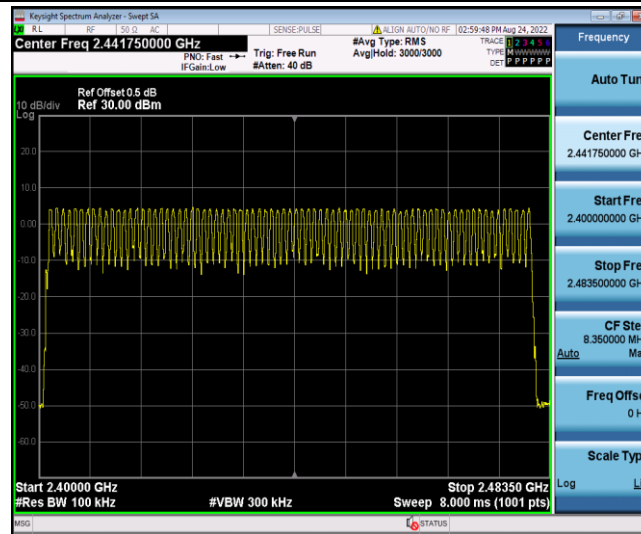
3DH5_Ant1_Hop

Appendix E: Number of hopping channels

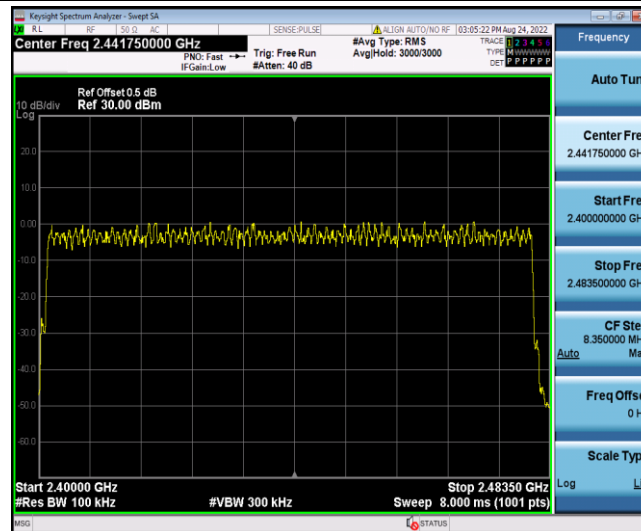
Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥ 15	PASS
2DH5	Ant1	Hop	79	≥ 15	PASS
3DH5	Ant1	Hop	79	≥ 15	PASS

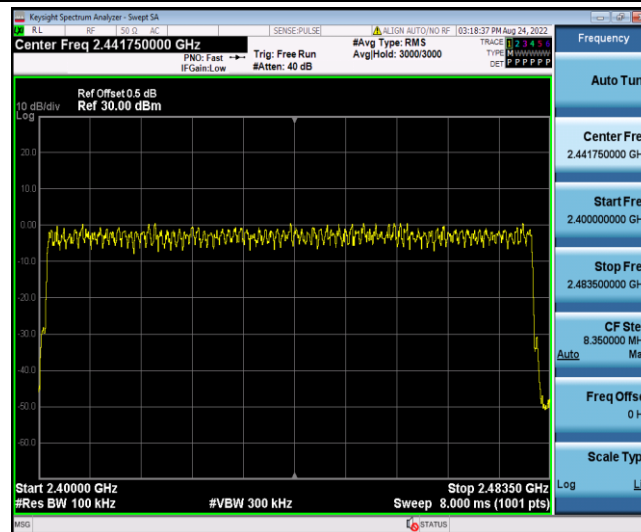
Test Graphs



DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop