

Appendix for FCC BT

Test Report No. :CTL2207255011-WF01

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.954	2401.532	2402.486	---	PASS
		2441	0.957	2440.529	2441.486	---	PASS
		2480	0.954	2479.529	2480.483	---	PASS
2DH5	Ant1	2402	1.275	2401.367	2402.642	---	PASS
		2441	1.278	2440.364	2441.642	---	PASS
		2480	1.278	2479.364	2480.642	---	PASS
3DH5	Ant1	2402	1.278	2401.352	2402.630	---	PASS
		2441	1.281	2440.352	2441.633	---	PASS
		2480	1.281	2479.352	2480.633	---	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



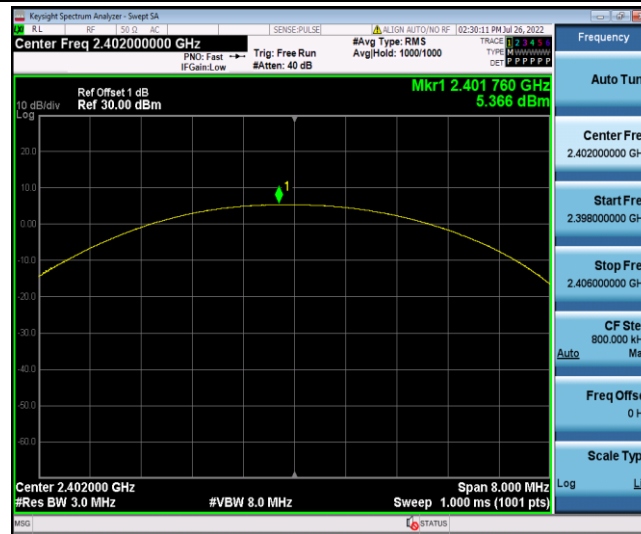
3DH5_Ant1_2480

Appendix B: Maximum conducted output power

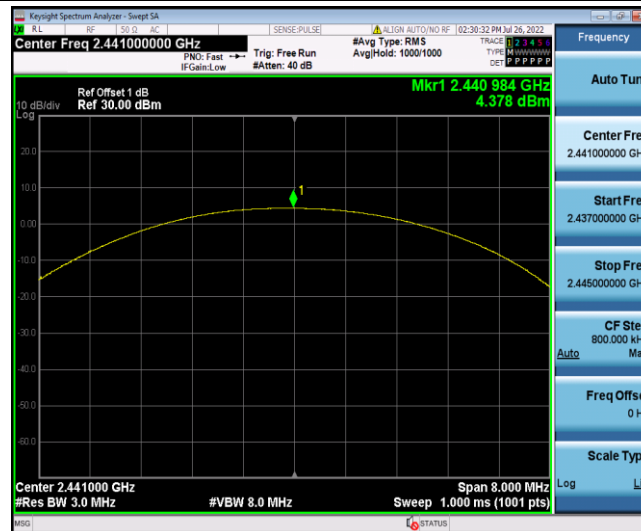
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	5.37	≤30	PASS
		2441	4.38	≤30	PASS
		2480	3.22	≤30	PASS
2DH5	Ant1	2402	6.22	≤20.97	PASS
		2441	5.23	≤20.97	PASS
		2480	4.02	≤20.97	PASS
3DH5	Ant1	2402	6.87	≤20.97	PASS
		2441	5.85	≤20.97	PASS
		2480	4.58	≤20.97	PASS

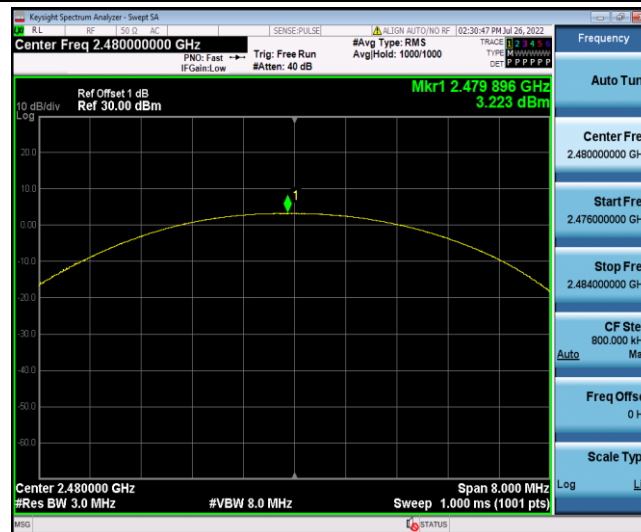
Test Graphs



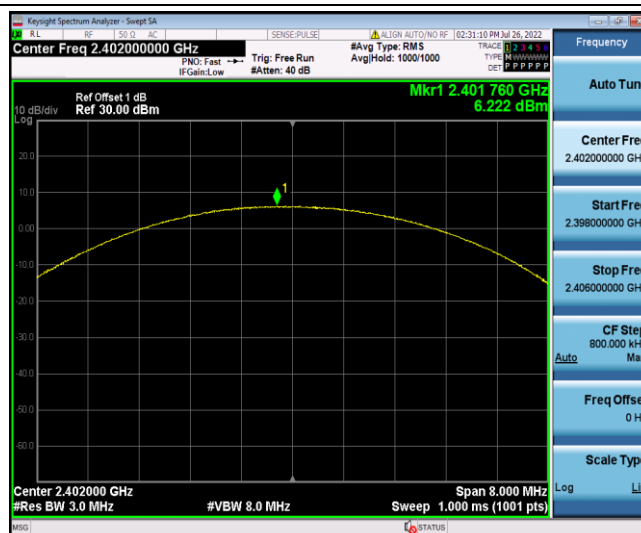
DH5_Ant1_2402



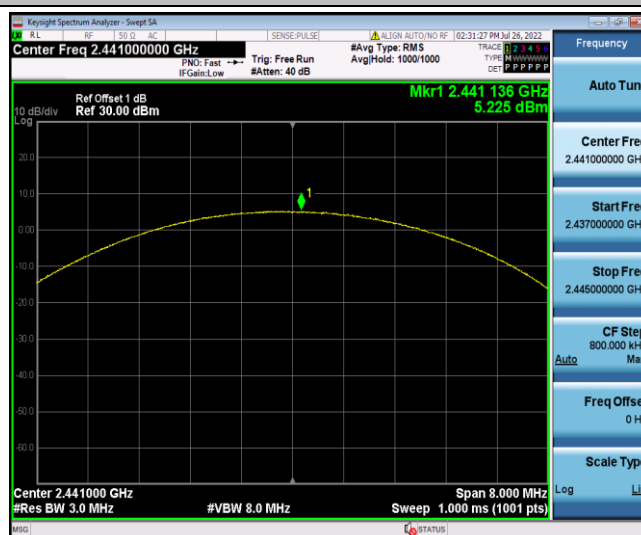
DH5_Ant1_2441



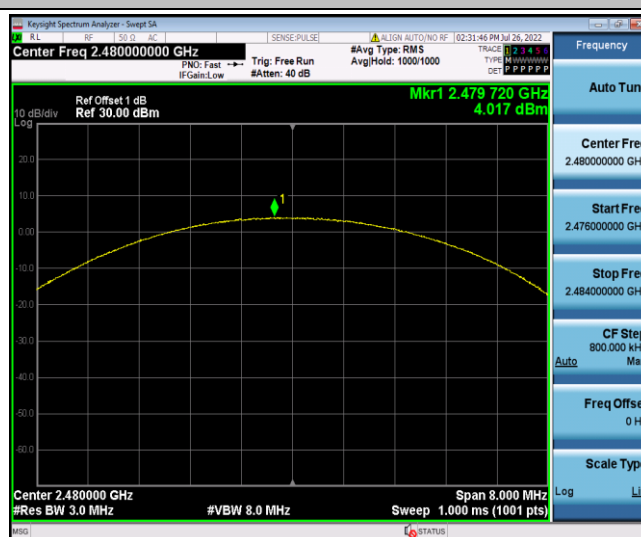
DH5_Ant1_2480



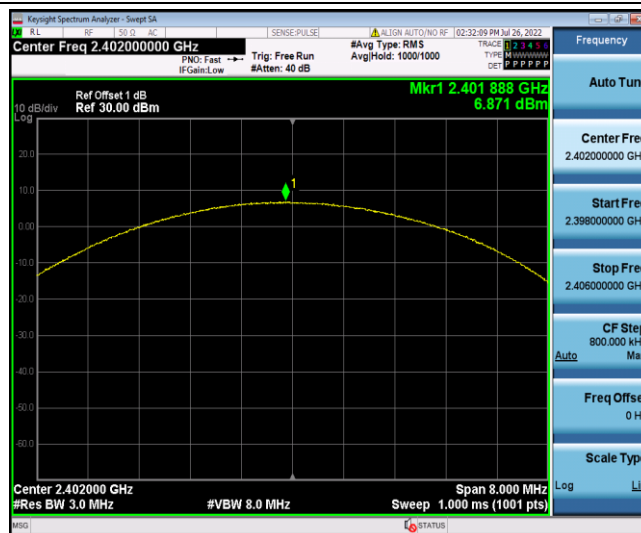
2DH5_Ant1_2402



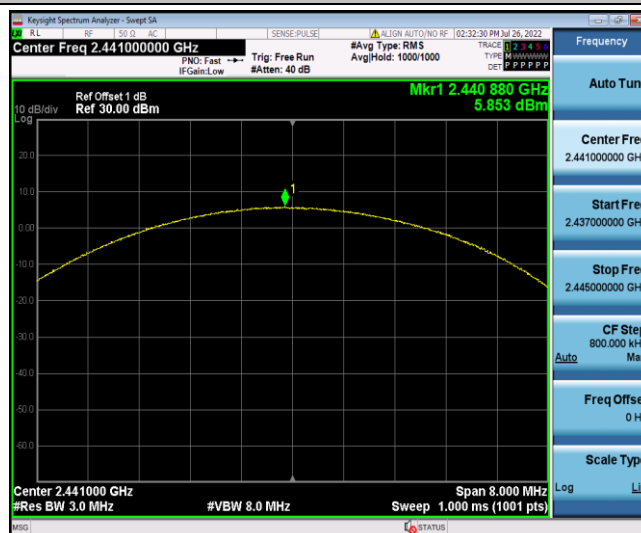
2DH5_Ant1_2441



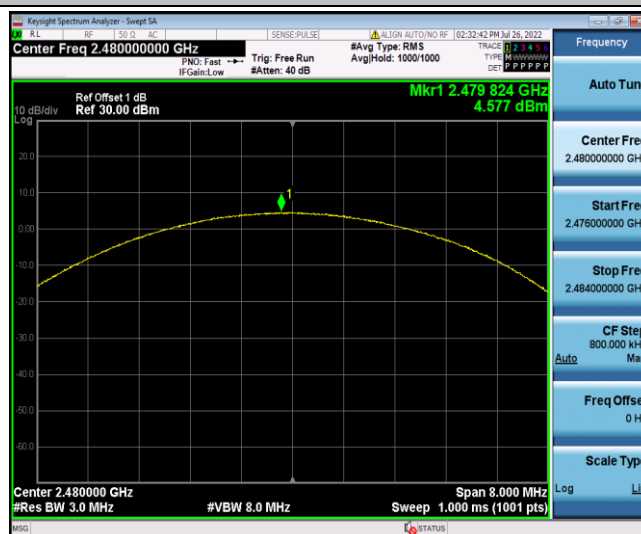
2DH5_Ant1_2480



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	1.004	≥ 0.957	PASS
2DH5	Ant1	Hop	1.002	≥ 0.852	PASS
3DH5	Ant1	Hop	1.002	≥ 0.854	PASS

Test Graphs



DH5_Ant1_Hop



2DH5_Ant1_Hop



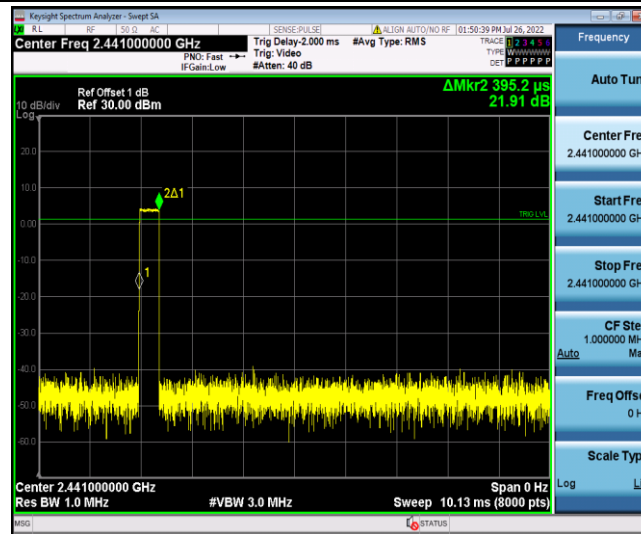
3DH5_Ant1_Hop

Appendix D: Time of occupancy

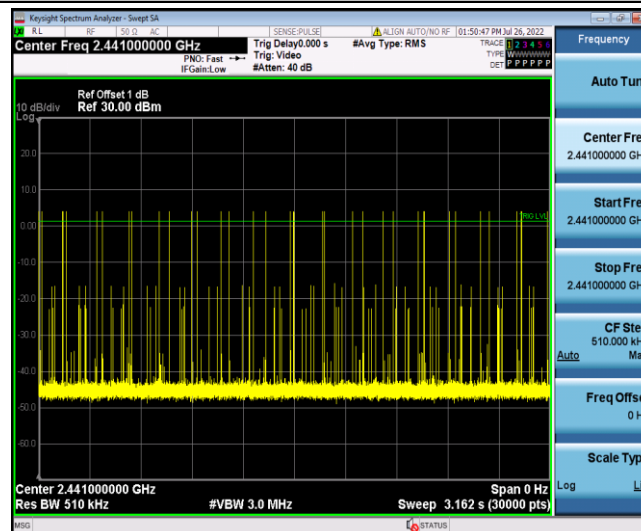
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.40	330	0.13	≤0.4	PASS
DH3	Ant1	Hop	1.65	150	0.248	≤0.4	PASS
DH5	Ant1	Hop	2.90	110	0.319	≤0.4	PASS
2DH1	Ant1	Hop	0.40	330	0.133	≤0.4	PASS
2DH3	Ant1	Hop	1.66	120	0.199	≤0.4	PASS
2DH5	Ant1	Hop	2.91	80	0.232	≤0.4	PASS
3DH1	Ant1	Hop	0.41	330	0.134	≤0.4	PASS
3DH3	Ant1	Hop	1.66	170	0.282	≤0.4	PASS
3DH5	Ant1	Hop	2.91	130	0.378	≤0.4	PASS

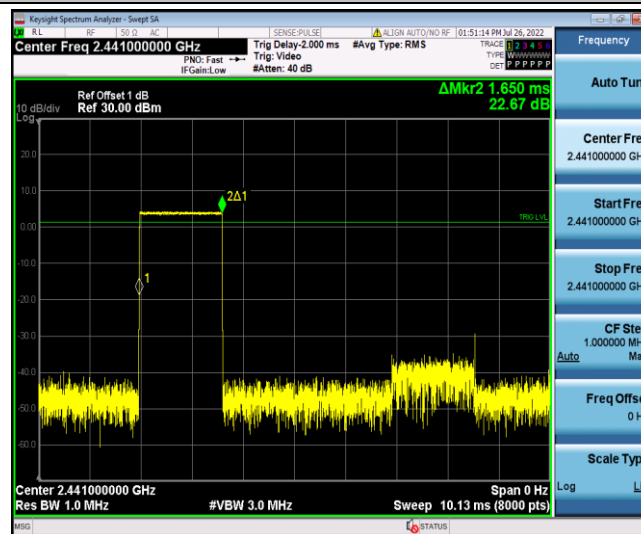
Test Graphs



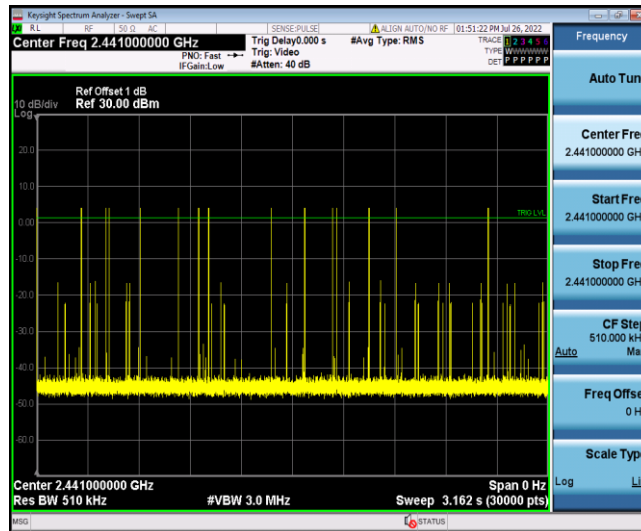
DH1_Ant1_Hop



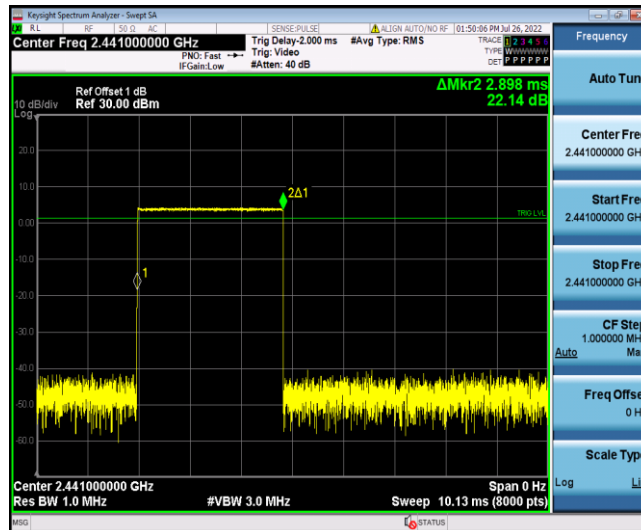
DH1_Ant1_Hop



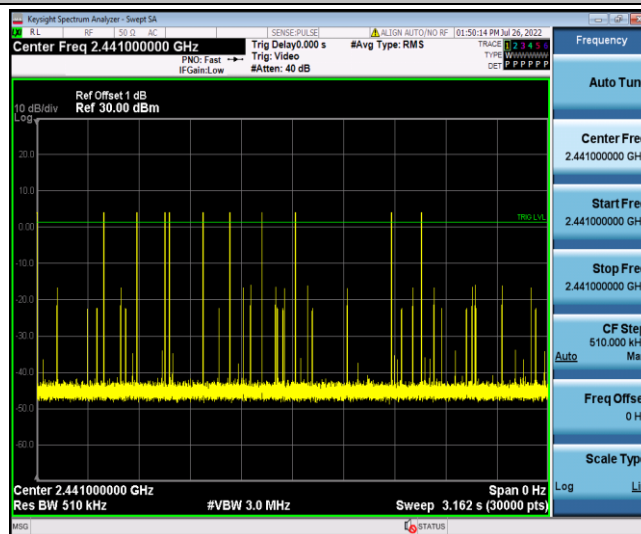
DH3_Ant1_Hop



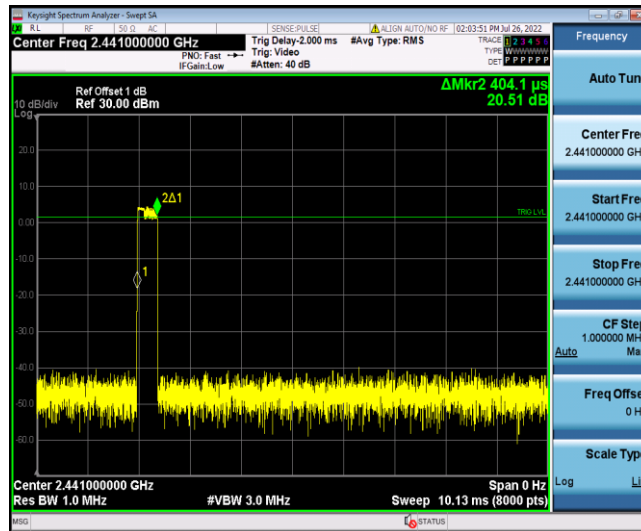
DH3_Ant1_Hop



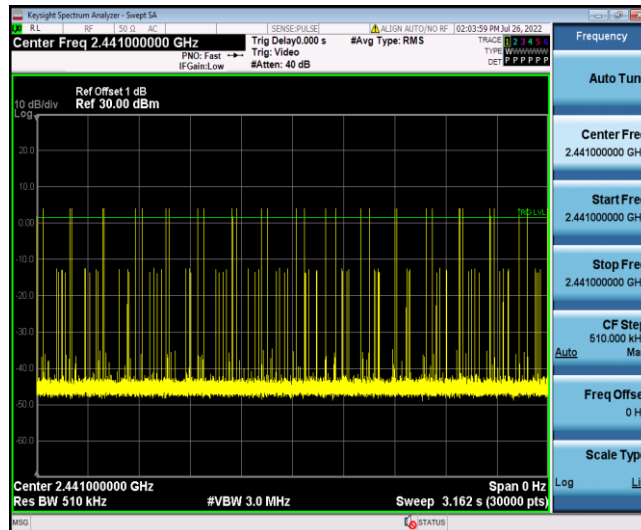
DH5_Ant1_Hop



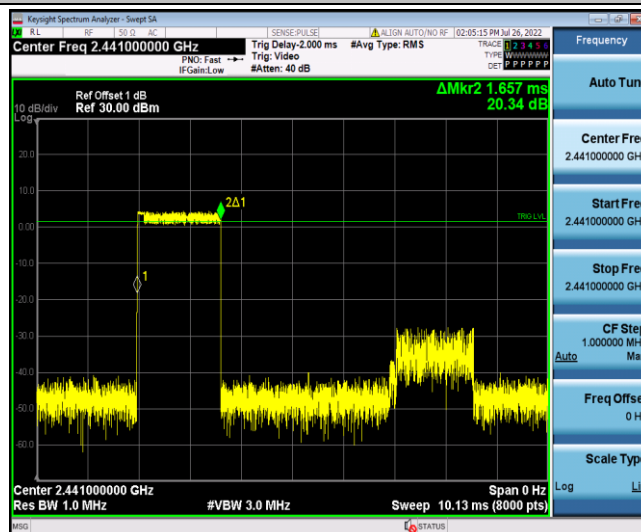
DH5_Ant1_Hop



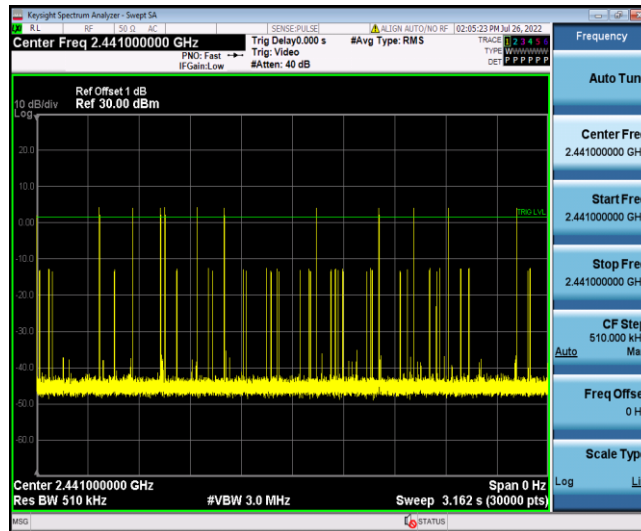
2DH1_Ant1_Hop



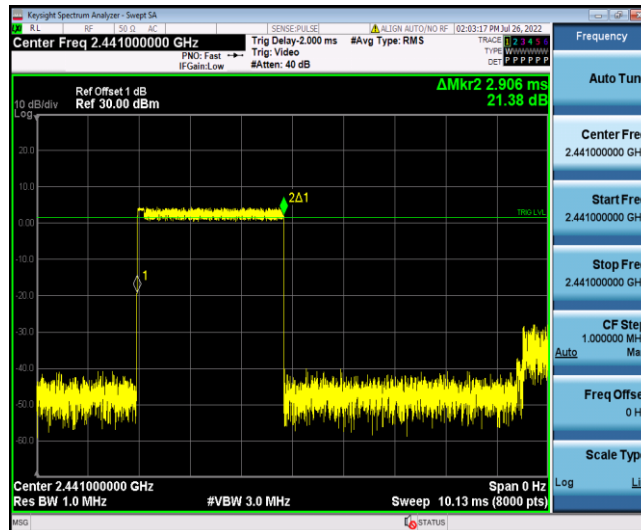
2DH1_Ant1_Hop



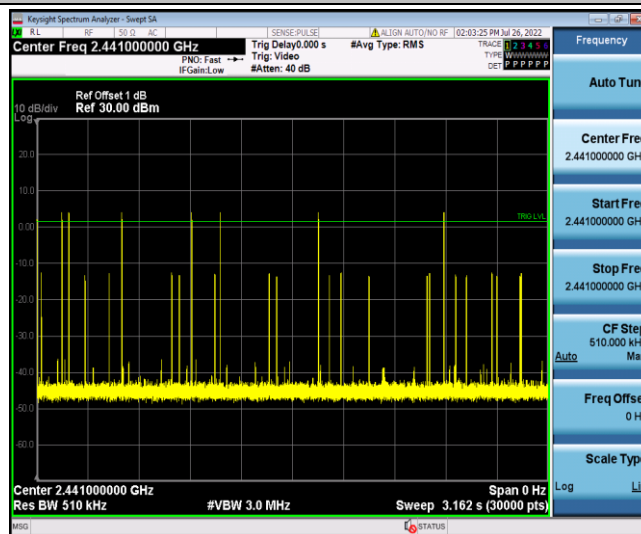
2DH3_Ant1_Hop



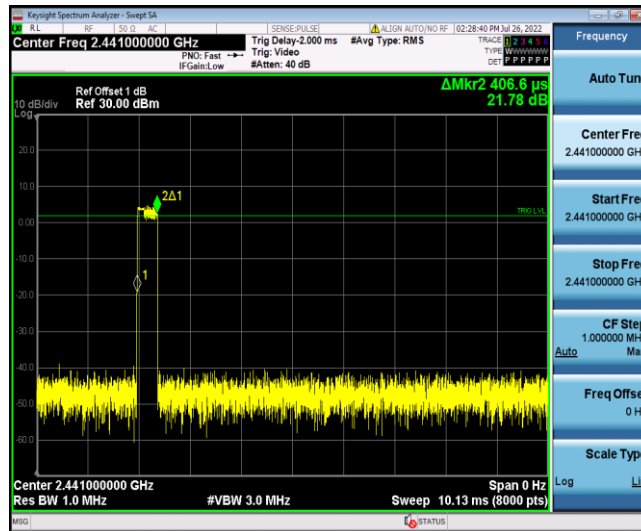
2DH3_Ant1_Hop



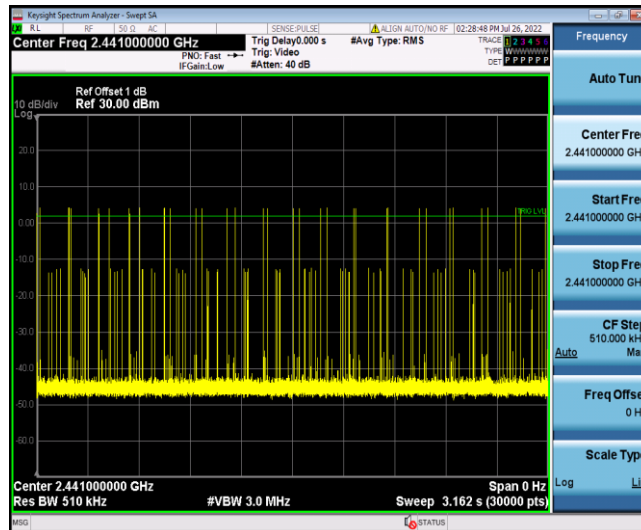
2DH5_Ant1_Hop



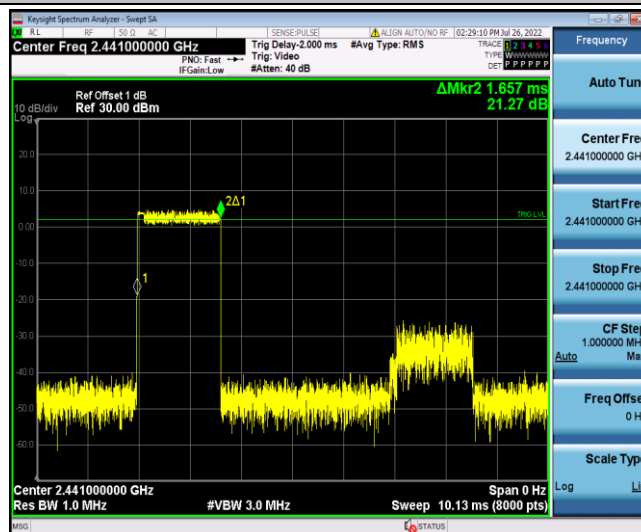
2DH5_Ant1_Hop



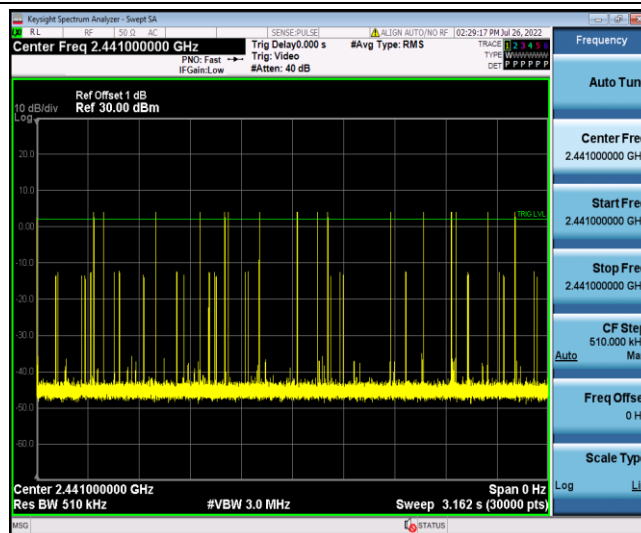
3DH1_Ant1_Hop



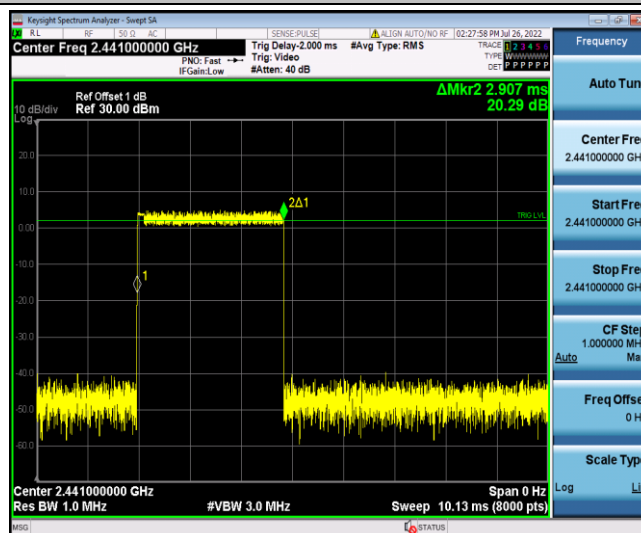
3DH1_Ant1_Hop



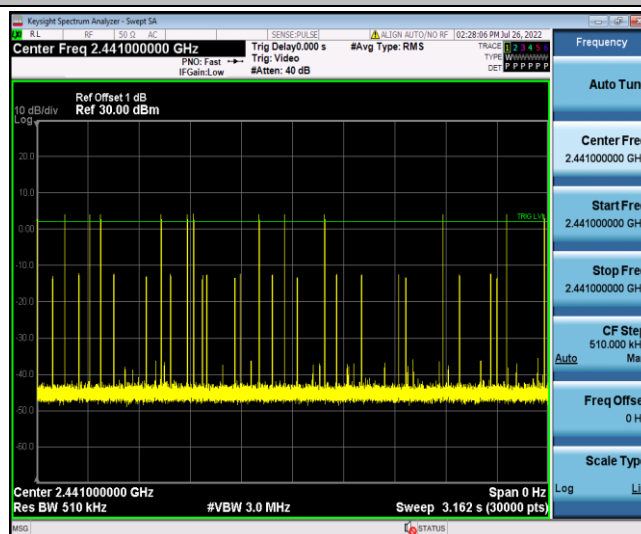
3DH3_Ant1_Hop



3DH3_Ant1_Hop



3DH5_Ant1_Hop



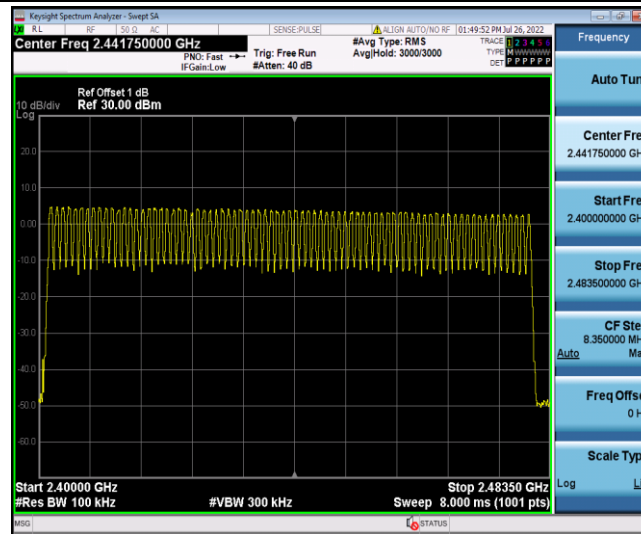
3DH5_Ant1_Hop

Appendix E: Number of hopping channels

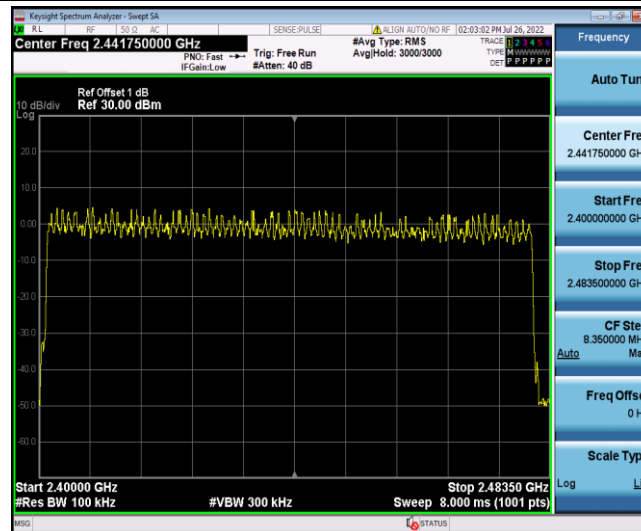
Test Result

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

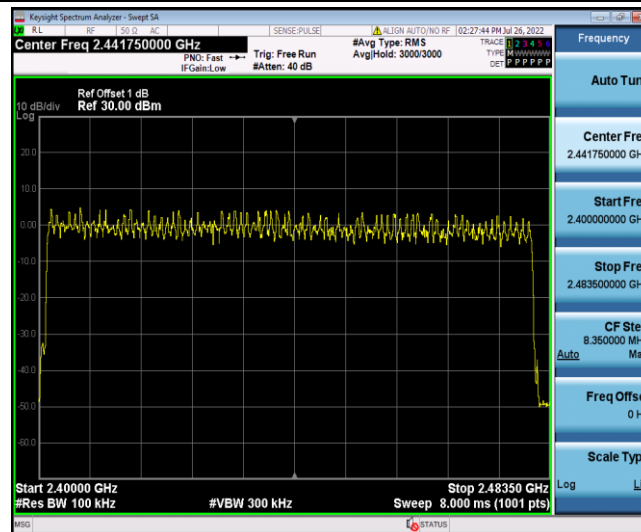
Test Graphs



DH5_Ant1_Hop



2DH5_Ant1_Hop



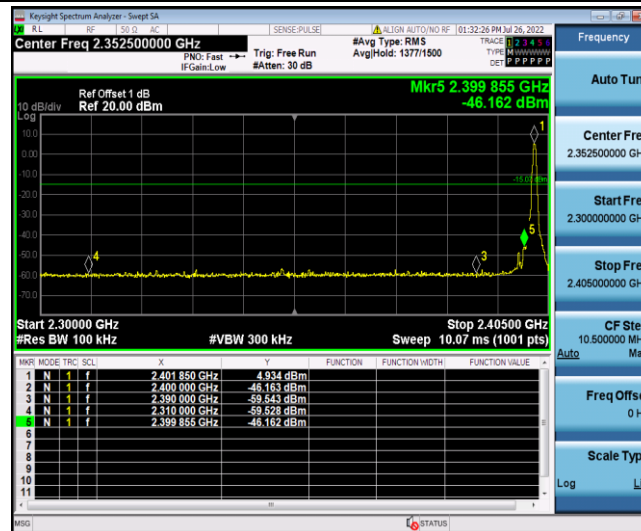
3DH5_Ant1_Hop

Appendix F: Band edge measurements

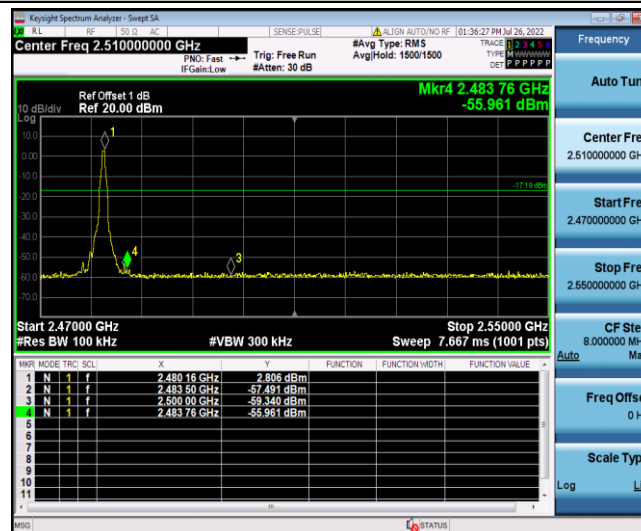
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	4.93	-46.16	≤-15.07	PASS
		High	2480	2.81	-55.96	≤-17.19	PASS
		Low	Hop_2402	4.46	-57.22	≤-15.54	PASS
		High	Hop_2480	2.84	-57.22	≤-17.16	PASS
2DH5	Ant1	Low	2402	4.72	-48.79	≤-15.28	PASS
		High	2480	2.72	-56.89	≤-17.28	PASS
		Low	Hop_2402	3.95	-57.29	≤-16.05	PASS
		High	Hop_2480	2.49	-56.73	≤-17.51	PASS
3DH5	Ant1	Low	2402	4.92	-46.23	≤-15.08	PASS
		High	2480	2.75	-47.59	≤-17.25	PASS
		Low	Hop_2402	2.20	-57.85	≤-17.81	PASS
		High	Hop_2480	2.78	-57.06	≤-17.22	PASS

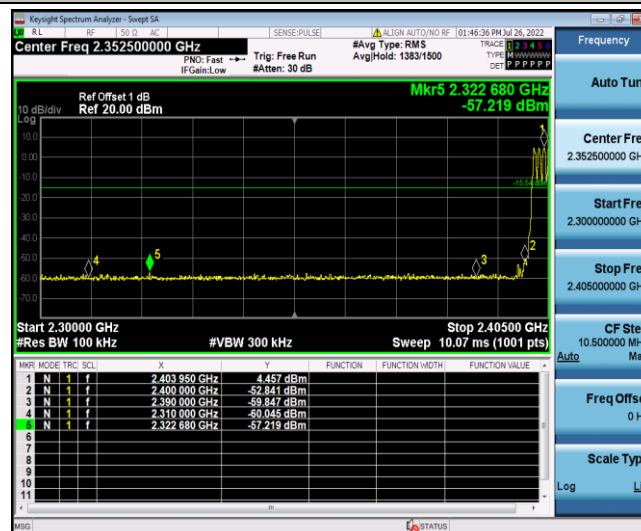
Test Graphs



DH5_Ant1_Low_2402



DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402