

Annex for FCC Bluetooth BR/EDR

Test Report No. : CTL2205075034-WF

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.957	2401.535	2402.492	---	PASS
		2441	0.954	2440.538	2441.492	---	PASS
		2480	0.954	2479.538	2480.492	---	PASS
2DH5	Ant1	2402	1.326	2401.337	2402.663	---	PASS
		2441	1.326	2440.337	2441.663	---	PASS
		2480	1.326	2479.334	2480.660	---	PASS
3DH5	Ant1	2402	1.299	2401.352	2402.651	---	PASS
		2441	1.302	2440.352	2441.654	---	PASS
		2480	1.302	2479.352	2480.654	---	PASS

Test Graphs



DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



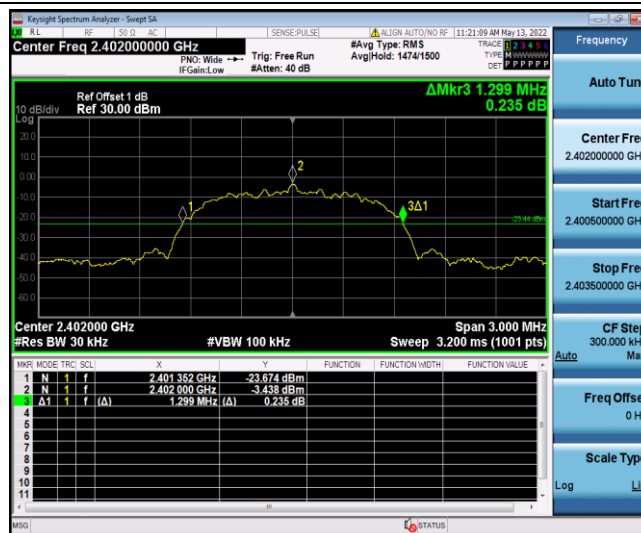
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

Appendix B: Occupied Channel Bandwidth

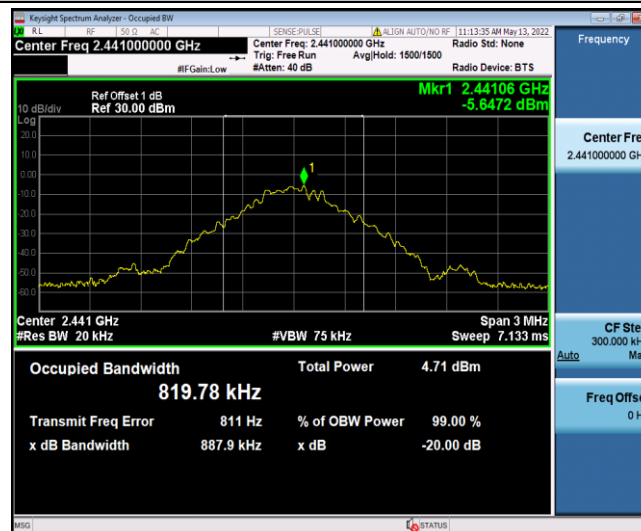
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.82180	2401.589	2402.410	---	PASS
		2441	0.81978	2440.591	2441.411	---	PASS
		2480	0.82103	2479.590	2480.411	---	PASS
2DH5	Ant1	2402	1.1764	2401.412	2402.589	---	PASS
		2441	1.1756	2440.413	2441.588	---	PASS
		2480	1.1747	2479.413	2480.588	---	PASS
3DH5	Ant1	2402	1.1746	2401.415	2402.589	---	PASS
		2441	1.1747	2440.414	2441.589	---	PASS
		2480	1.1753	2479.414	2480.589	---	PASS

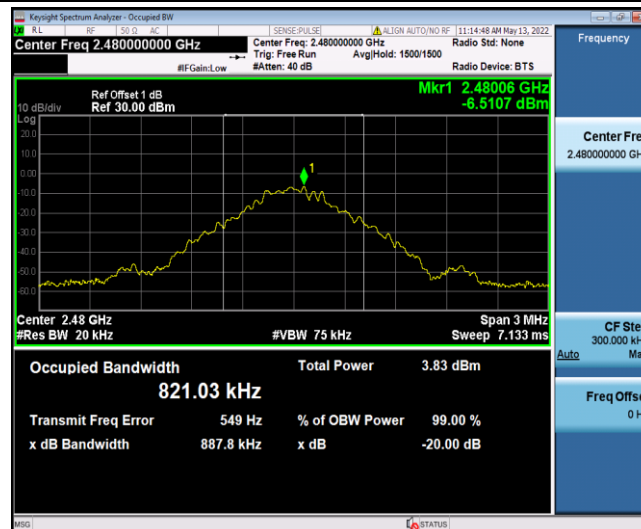
Test Graphs



DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



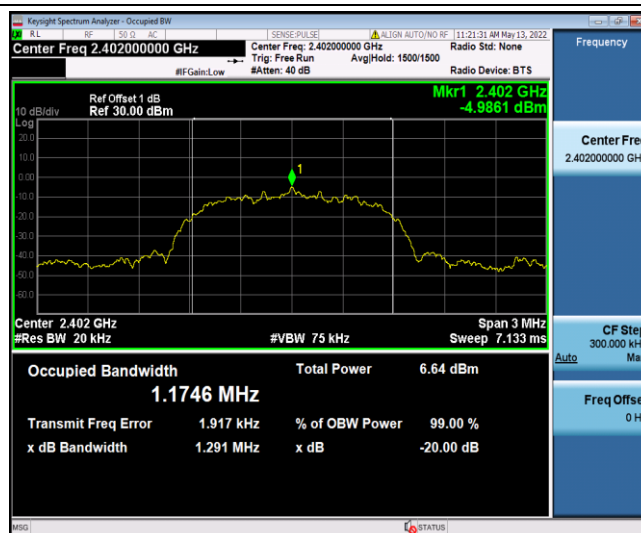
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



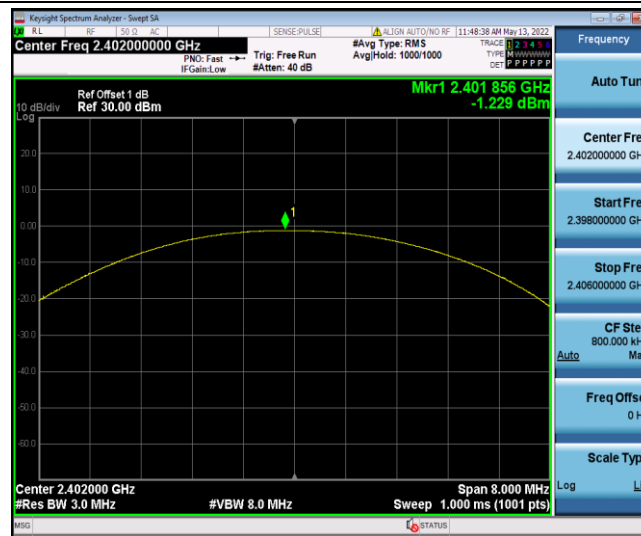
3DH5_Ant1_2480

Appendix C: Maximum conducted output power

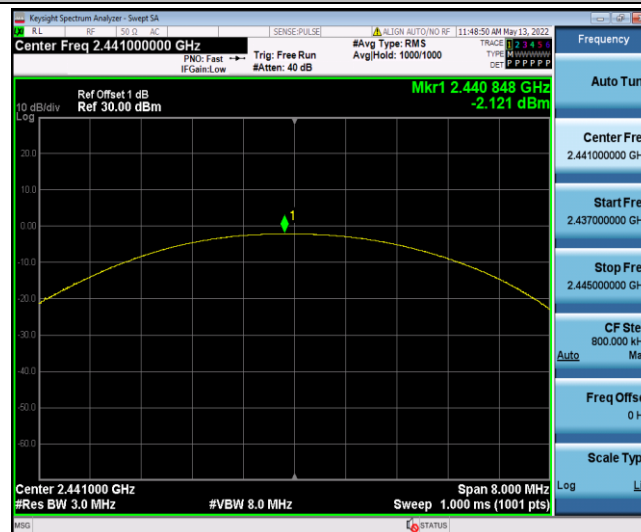
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-1.23	≤30	PASS
		2441	-2.12	≤30	PASS
		2480	-0.39	≤30	PASS
2DH5	Ant1	2402	1.64	≤20.97	PASS
		2441	0.61	≤20.97	PASS
		2480	-0.37	≤20.97	PASS
3DH5	Ant1	2402	2.45	≤20.97	PASS
		2441	1.42	≤20.97	PASS
		2480	0.46	≤20.97	PASS

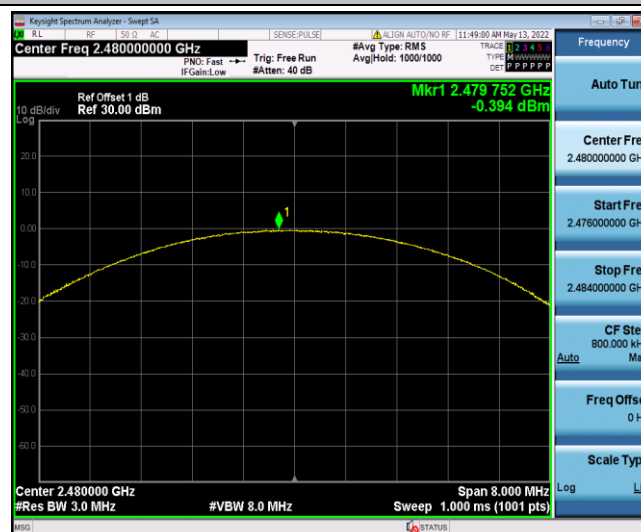
Test Graphs



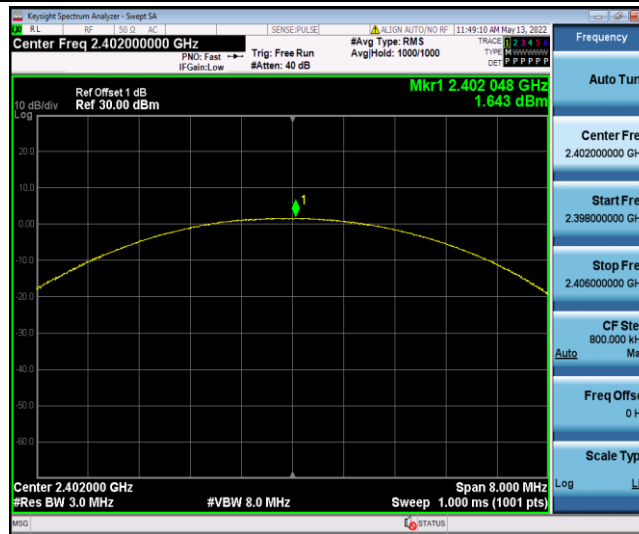
DH5_Ant1_2402



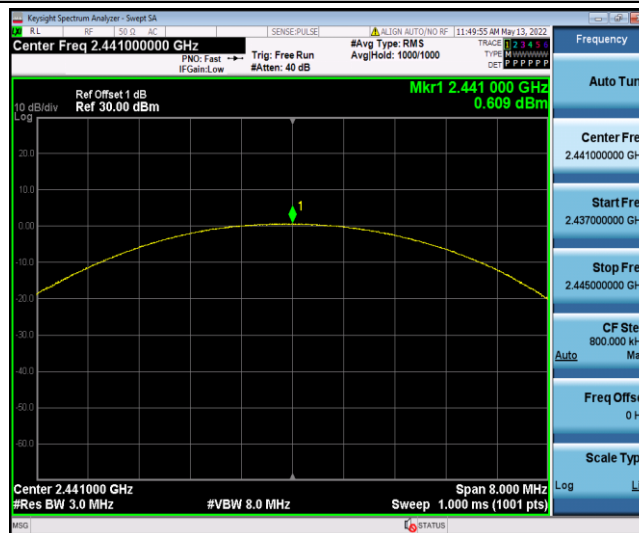
DH5_Ant1_2441



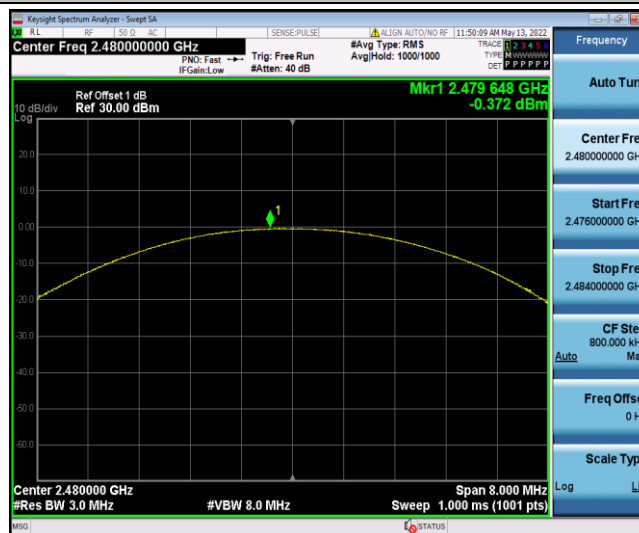
DH5_Ant1_2480



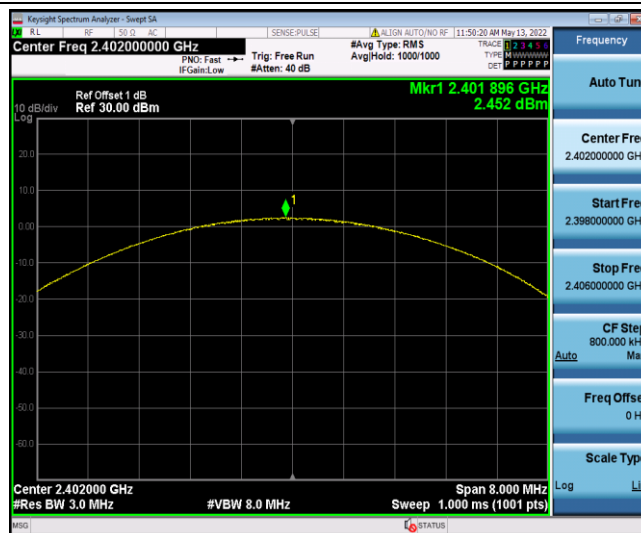
2DH5_Ant1_2402



2DH5_Ant1_2441



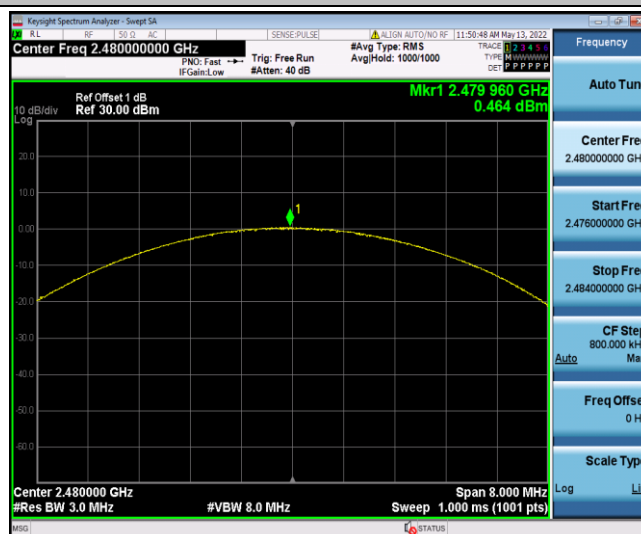
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



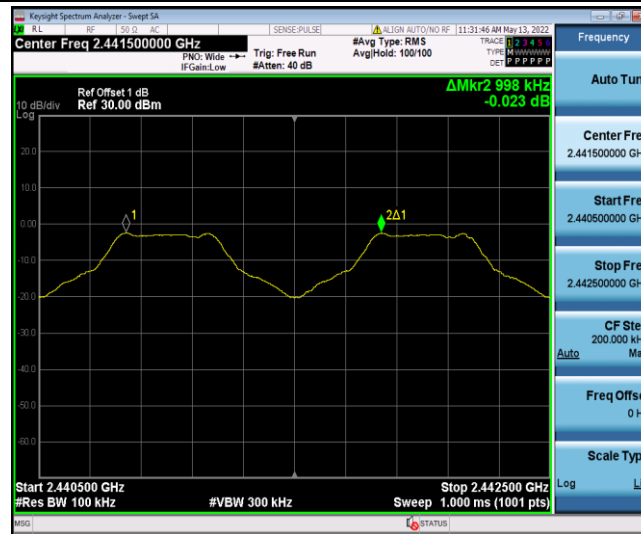
3DH5_Ant1_2480

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	0.998	≥ 0.957	PASS
2DH5	Ant1	Hop	1.002	≥ 0.884	PASS
3DH5	Ant1	Hop	1.002	≥ 0.868	PASS

Test Graphs



DH5_Ant1_Hop



2DH5_Ant1_Hop



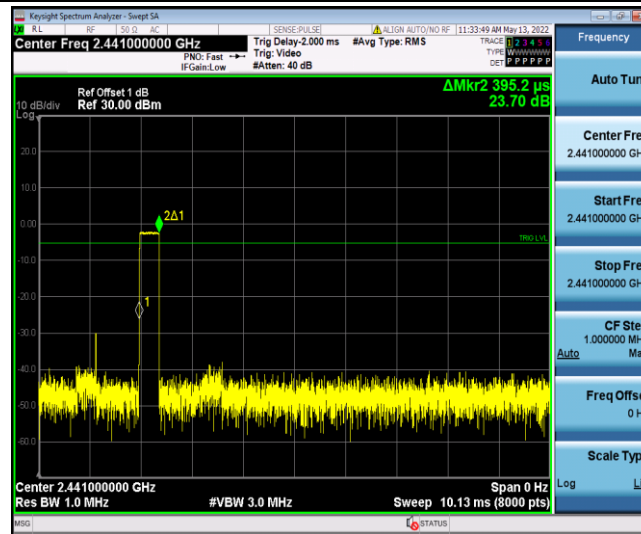
3DH5_Ant1_Hop

Appendix E: Time of occupancy

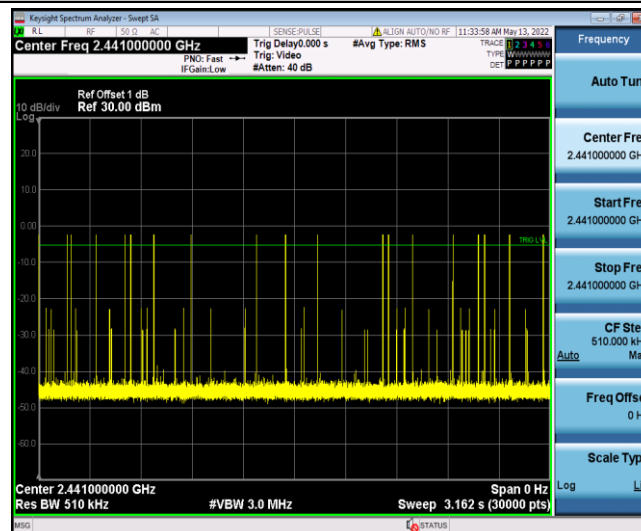
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.40	190	0.075	≤0.4	PASS
DH3	Ant1	Hop	1.65	190	0.314	≤0.4	PASS
DH5	Ant1	Hop	2.90	90	0.261	≤0.4	PASS
2DH1	Ant1	Hop	0.40	330	0.133	≤0.4	PASS
2DH3	Ant1	Hop	1.66	190	0.315	≤0.4	PASS
2DH5	Ant1	Hop	2.90	90	0.261	≤0.4	PASS
3DH1	Ant1	Hop	0.41	330	0.134	≤0.4	PASS
3DH3	Ant1	Hop	1.66	190	0.315	≤0.4	PASS
3DH5	Ant1	Hop	2.91	110	0.32	≤0.4	PASS

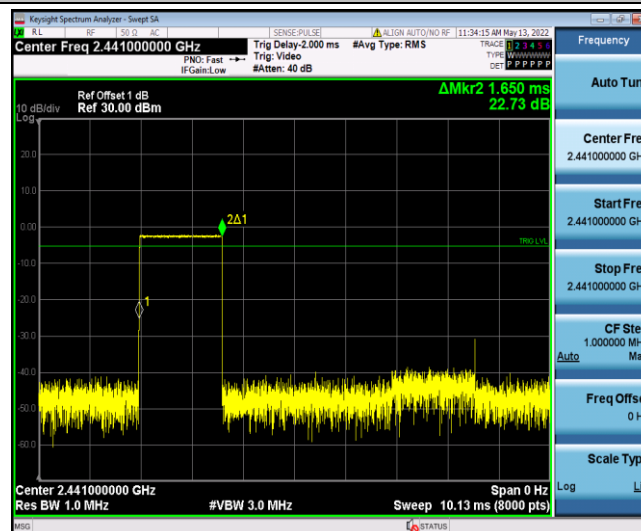
Test Graphs



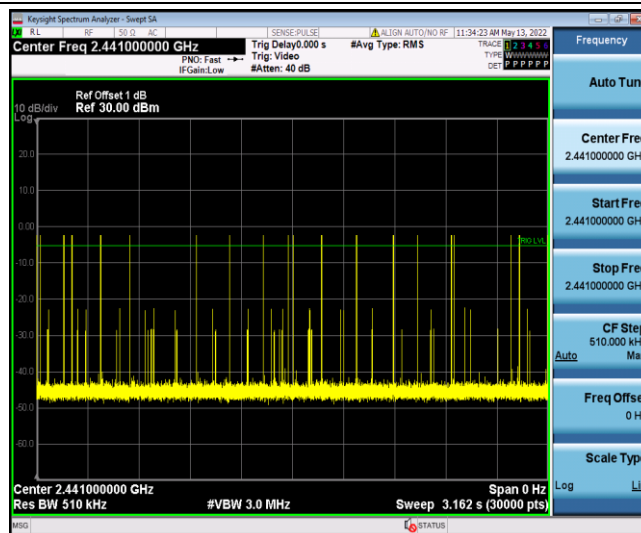
DH1_Ant1_Hop



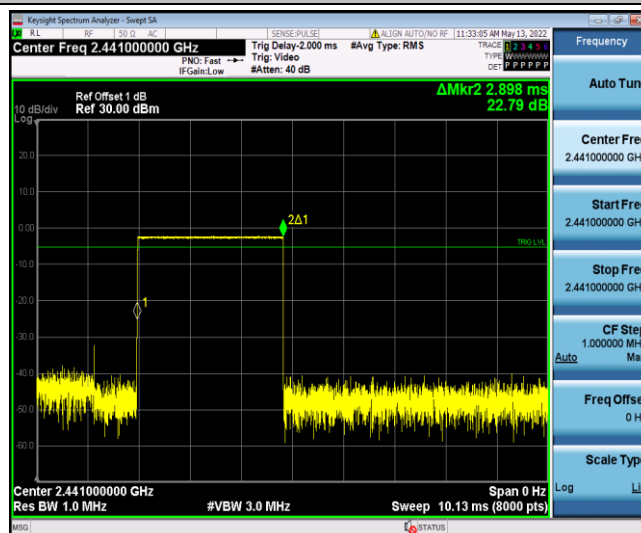
DH1_Ant1_Hop



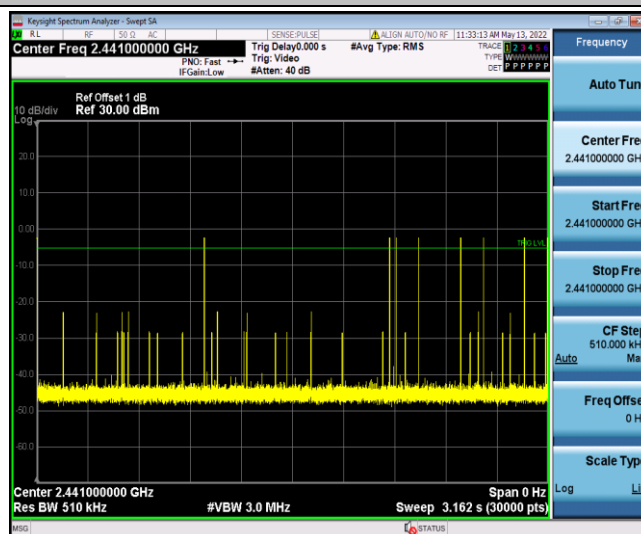
DH3_Ant1_Hop



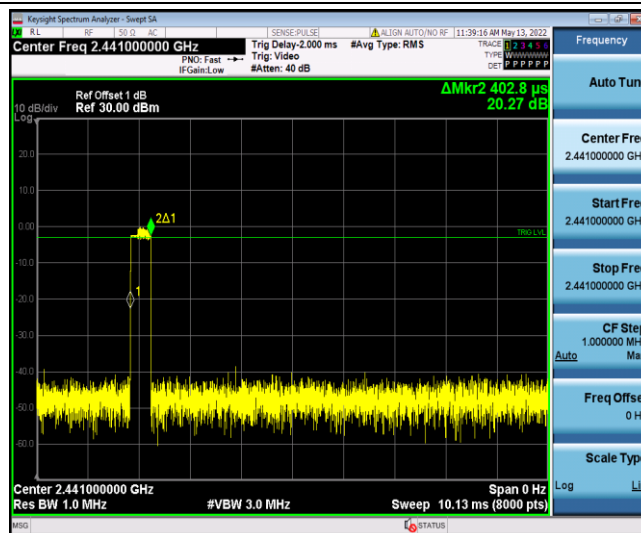
DH3_Ant1_Hop



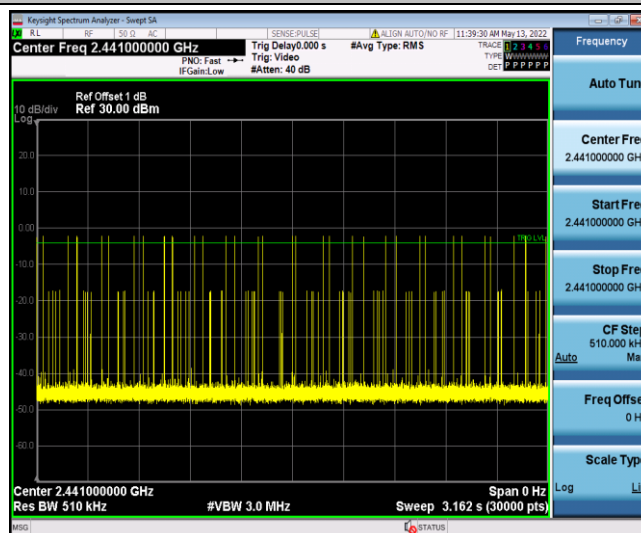
DH5_Ant1_Hop



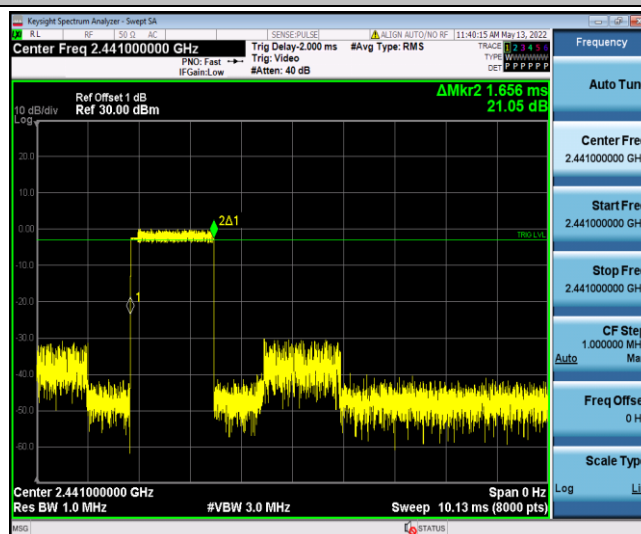
DH5_Ant1_Hop



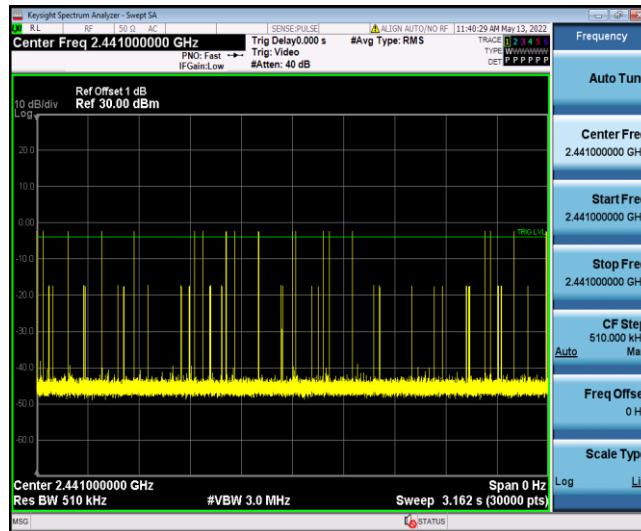
2DH1_Ant1_Hop



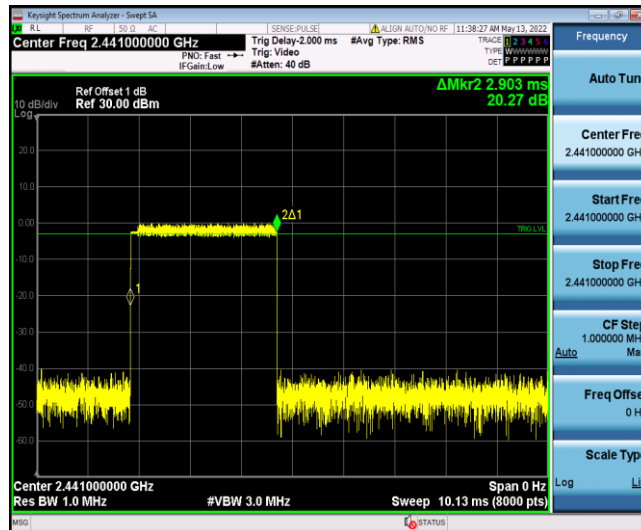
2DH1_Ant1_Hop



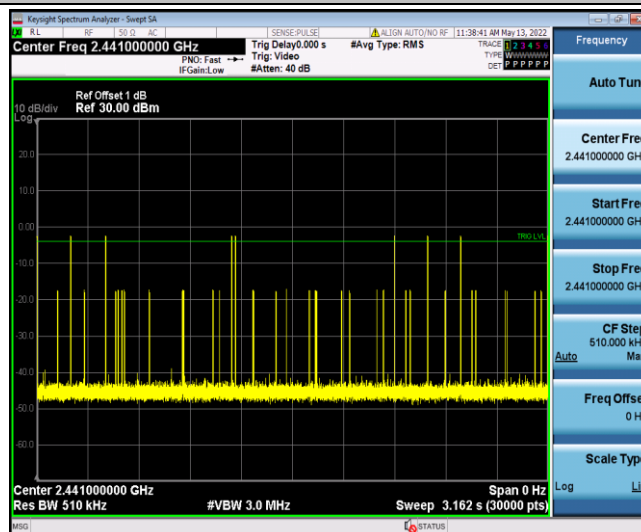
2DH3_Ant1_Hop



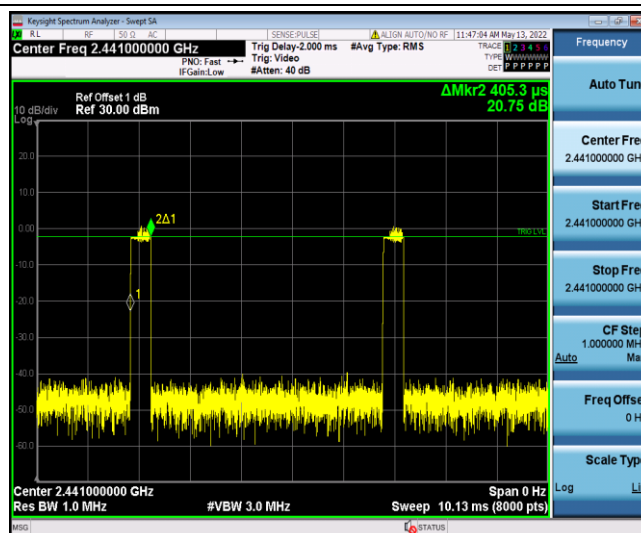
2DH3_Ant1_Hop



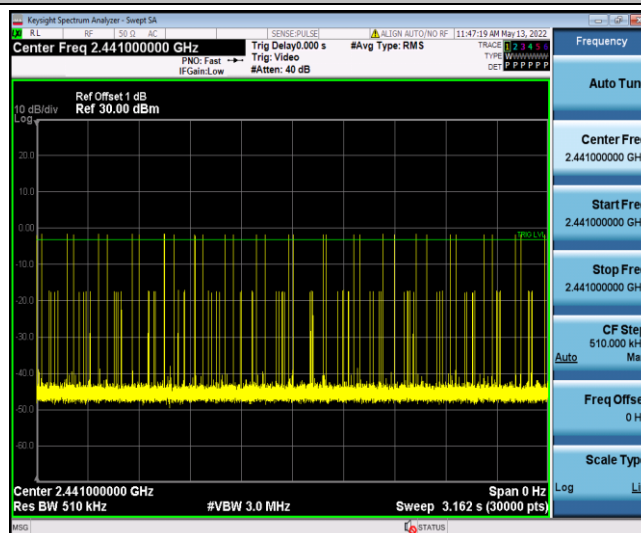
2DH5_Ant1_Hop



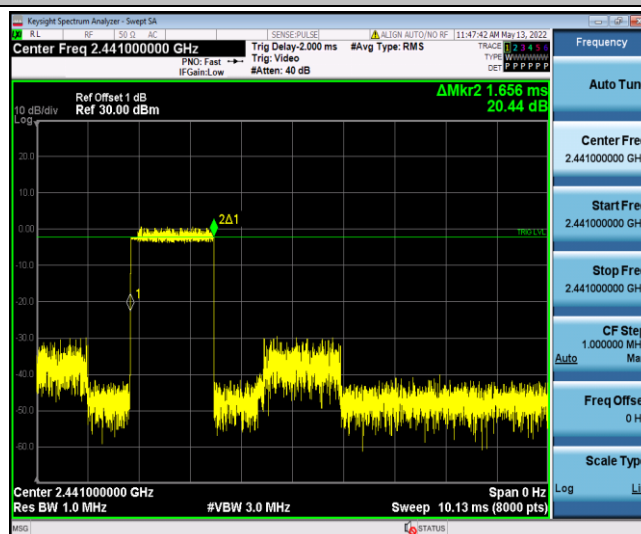
2DH5_Ant1_Hop



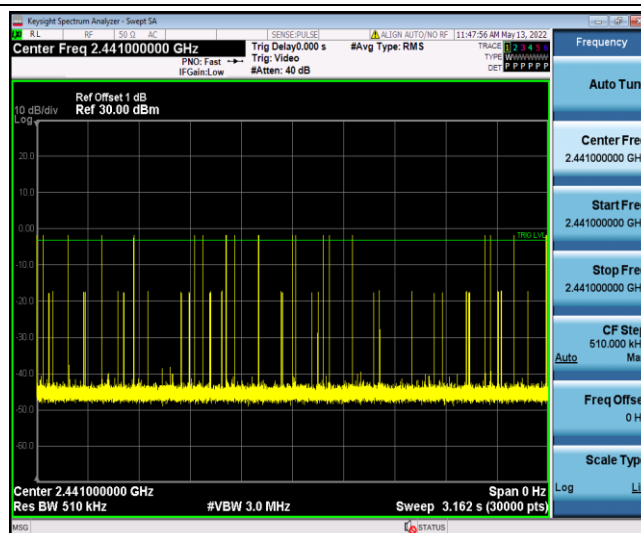
3DH1_Ant1_Hop



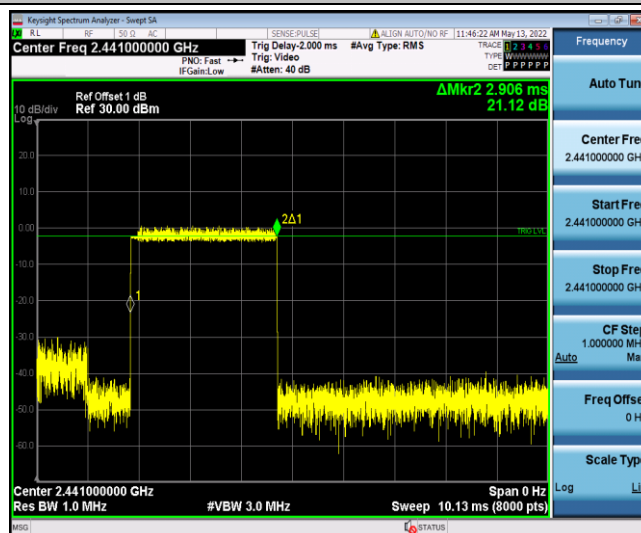
3DH1_Ant1_Hop



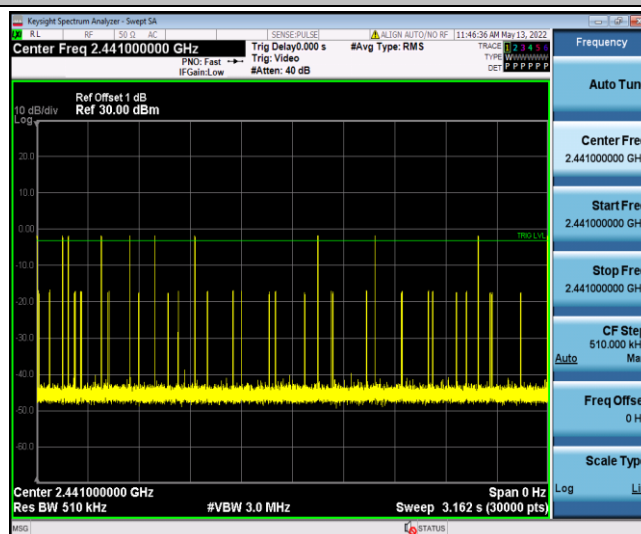
3DH3_Ant1_Hop



3DH3_Ant1_Hop



3DH5_Ant1_Hop



3DH5_Ant1_Hop