

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.056	2401.463	2402.519	---	---
		2441	1.053	2440.460	2441.513	---	---
		2480	1.053	2479.460	2480.513	---	---
2DH5	Ant1	2402	1.170	2401.409	2402.579	---	---
		2441	1.167	2440.409	2441.576	---	---
		2480	1.167	2479.409	2480.576	---	---
3DH5	Ant1	2402	1.263	2401.403	2402.666	---	---
		2441	1.176	2440.421	2441.597	---	---
		2480	1.194	2479.412	2480.606	---	---

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



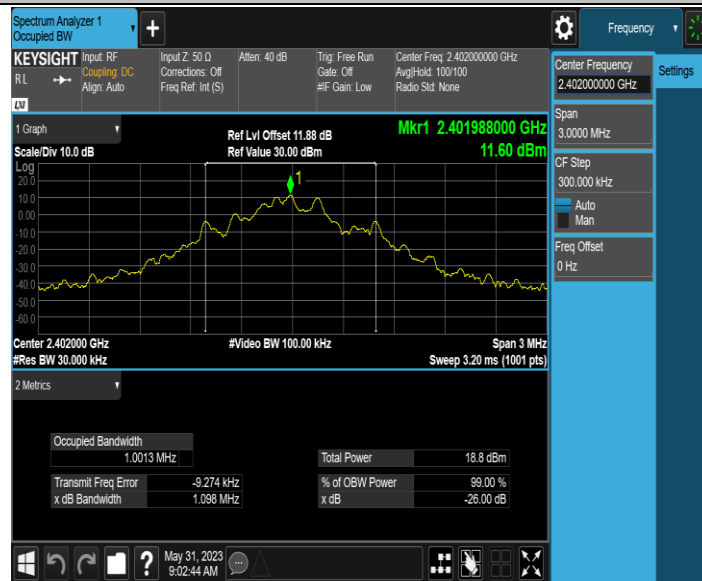
Appendix B: Occupied Channel Bandwidth

Test Result

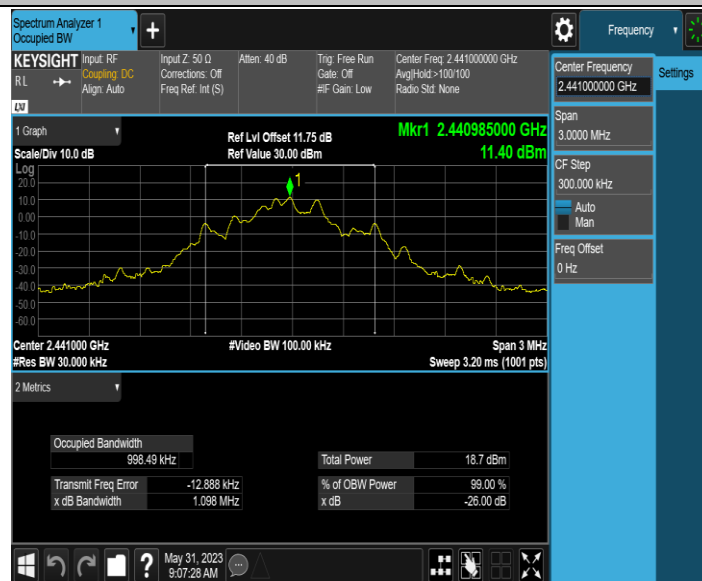
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.0013	2401.4901	2402.4914	---	---
		2441	0.99849	2440.4879	2441.4864	---	---
		2480	0.99689	2479.4871	2480.4840	---	---
2DH5	Ant1	2402	1.1304	2401.4259	2402.5563	---	---
		2441	1.1280	2440.4278	2441.5558	---	---
		2480	1.1259	2479.4269	2480.5528	---	---
3DH5	Ant1	2402	1.1026	2401.4675	2402.5701	---	---
		2441	1.1426	2440.4353	2441.5779	---	---
		2480	1.1422	2479.4352	2480.5774	---	---

Test Graphs

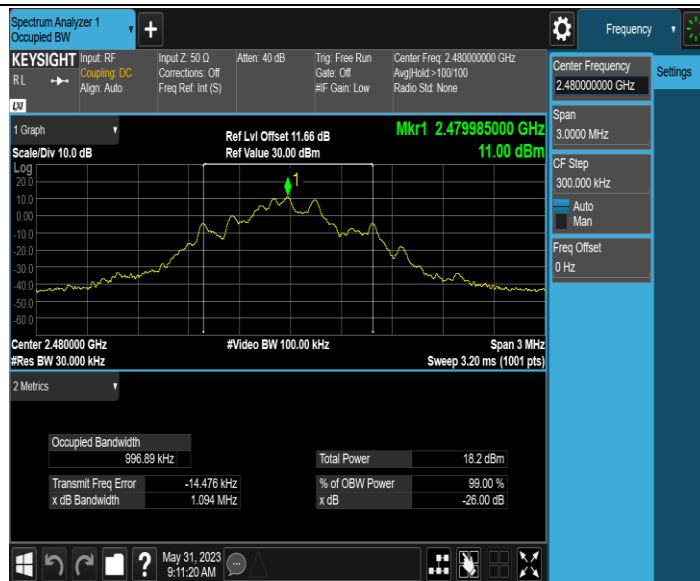
DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



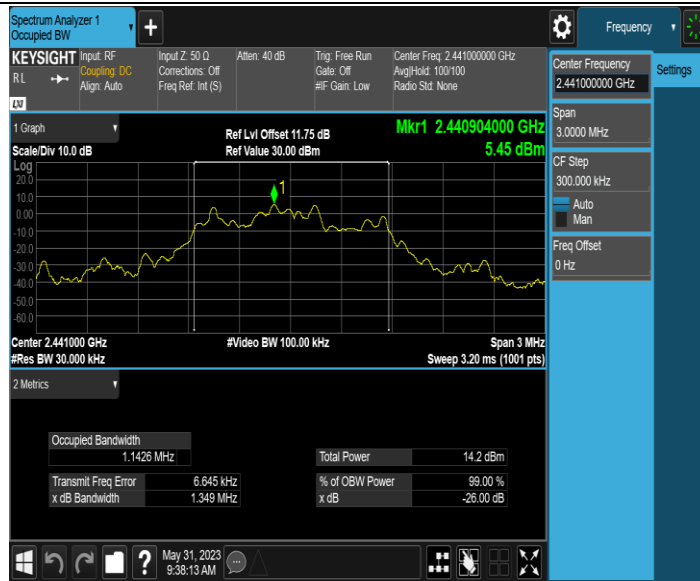
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
DH5	Ant1	2402	13.11	≤20.97	15.91	≤36	PASS
		2441	13.37	≤20.97	16.17	≤36	PASS
		2480	12.75	≤20.97	15.55	≤36	PASS
2DH5	Ant1	2402	11.42	≤20.97	14.22	≤36	PASS
		2441	11.24	≤20.97	14.04	≤36	PASS
		2480	10.6	≤20.97	13.40	≤36	PASS
3DH5	Ant1	2402	9.65	≤20.97	12.45	≤36	PASS
		2441	9.17	≤20.97	11.97	≤36	PASS
		2480	8.28	≤20.97	11.08	≤36	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.996	≥ 0.704	PASS
2DH5	Ant1	Hop	0.994	≥ 0.780	PASS
3DH5	Ant1	Hop	1.014	≥ 0.842	PASS

Test Graphs

DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop

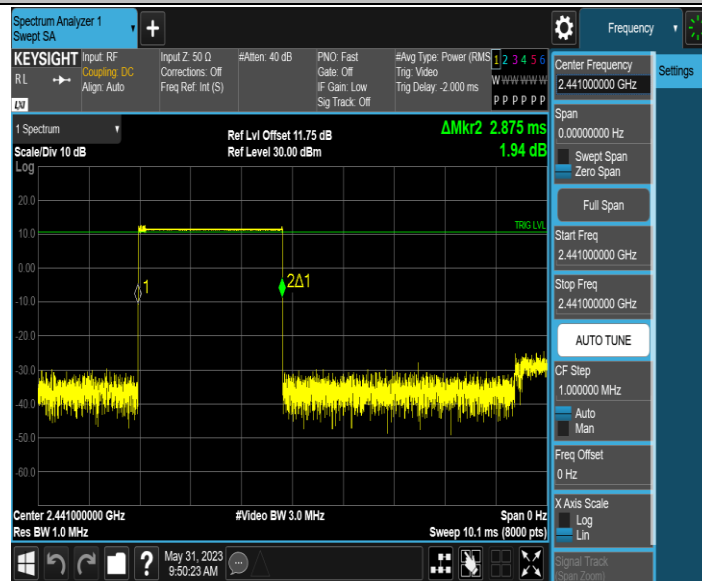


Appendix E: Time of occupancy

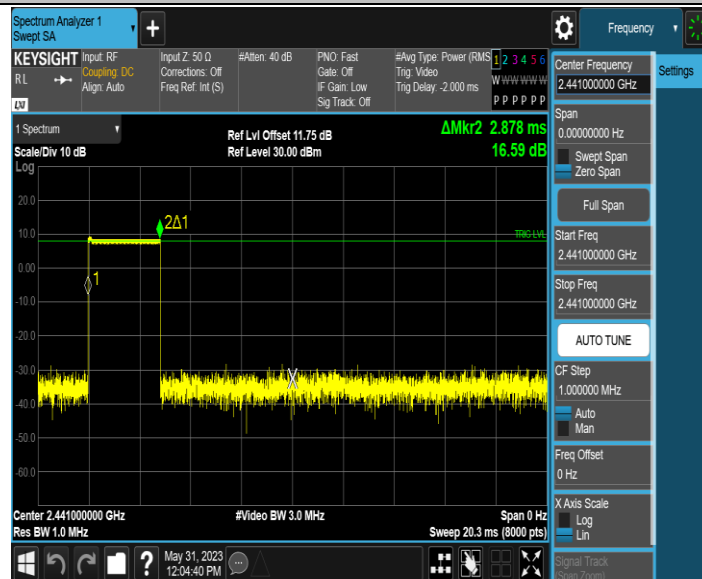
Test Result

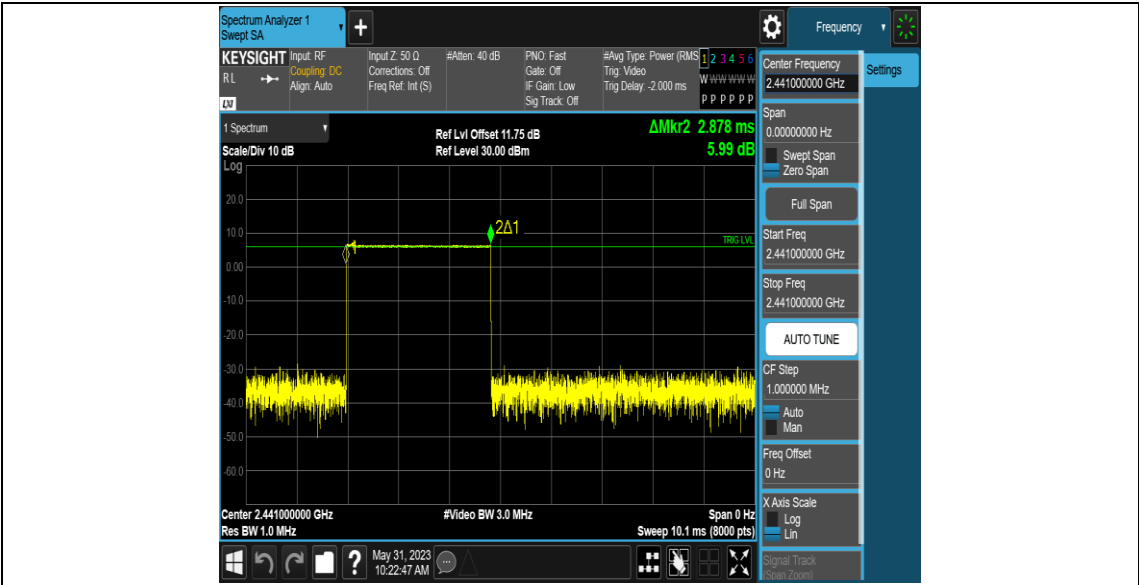
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.875	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.878	106.67	0.307	≤0.4	PASS
3DH5	Ant1	Hop	2.878	106.67	0.307	≤0.4	PASS

DH5_Ant1_Hop



Spectrum Analyzer 1
Swept SA





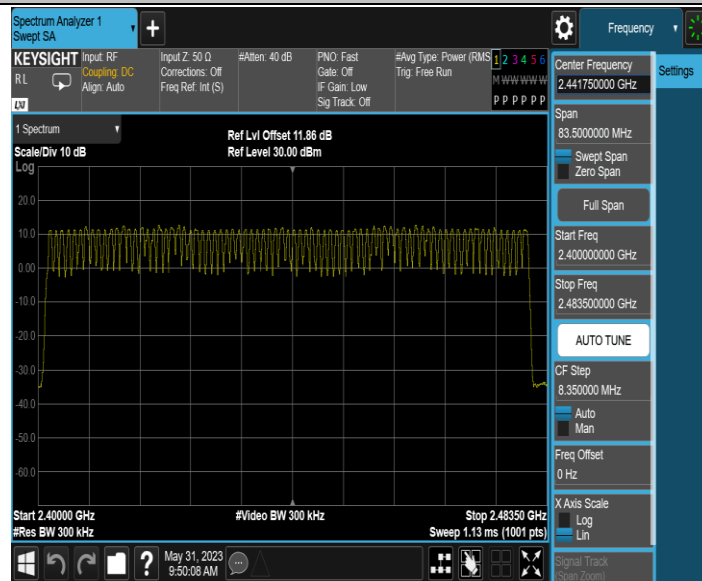
Appendix F: Number of hopping channels

Test Result

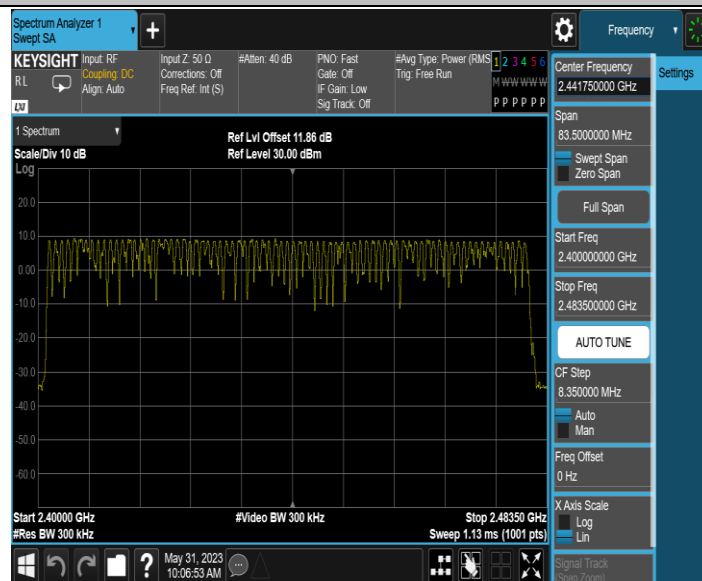
TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

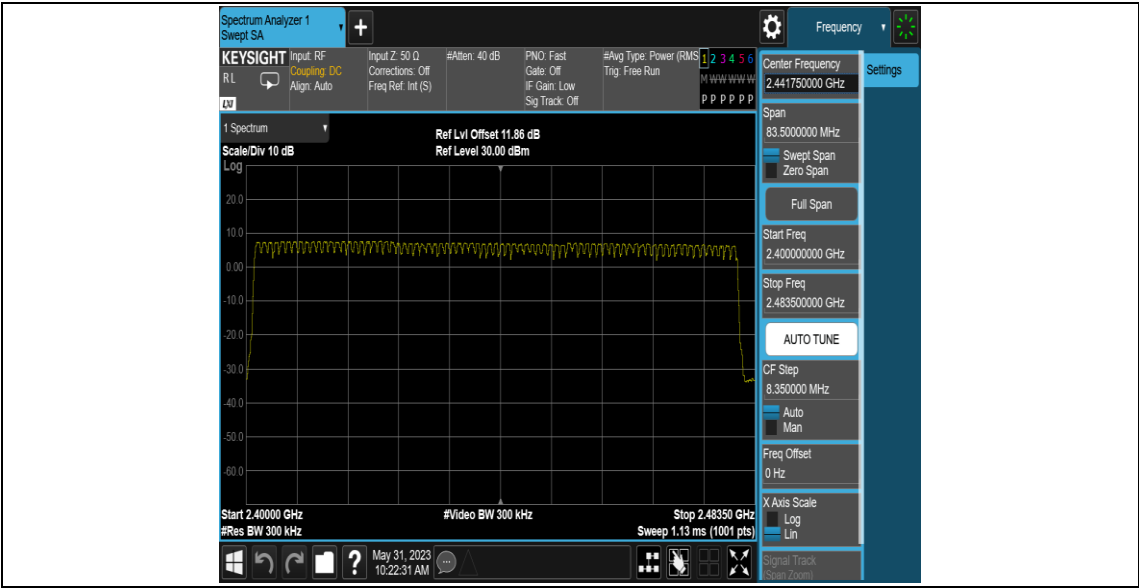
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop



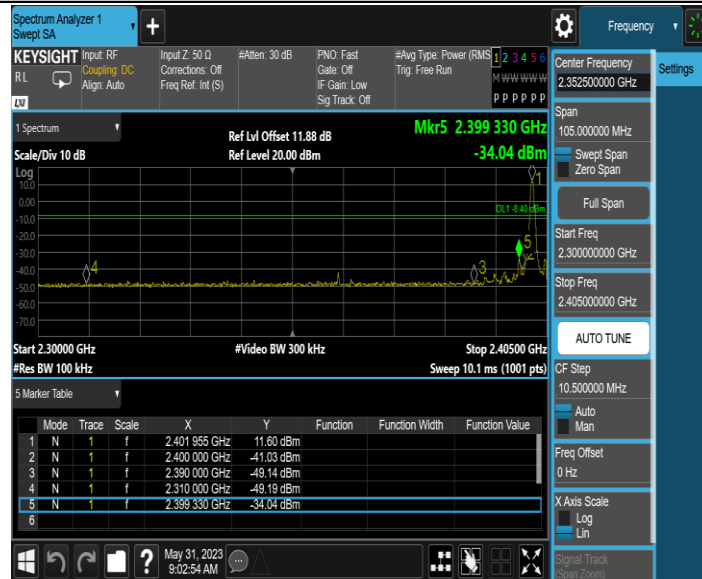
Appendix G: Band edge measurements

Test Result

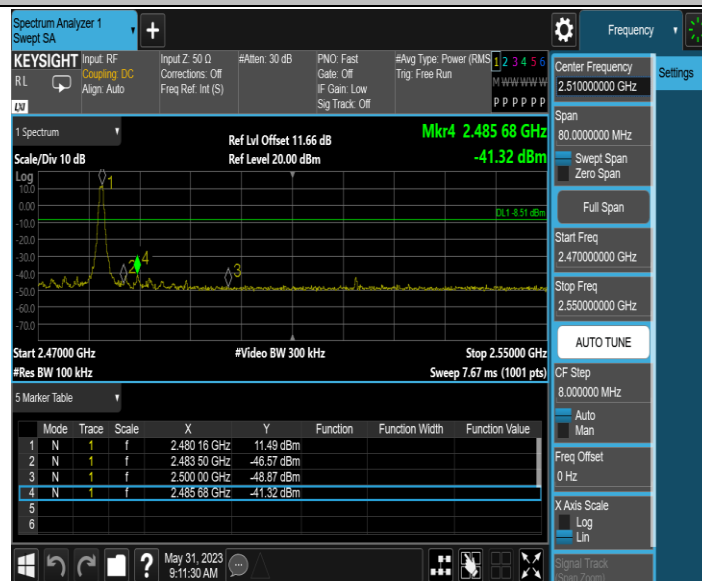
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	11.60	-34.05	≤-8.4	PASS
		High	2480	11.50	-41.32	≤-8.51	PASS
		Low	Hop_2402	11.23	-42.1	≤-8.77	PASS
		High	Hop_2480	11.52	-42.56	≤-8.48	PASS
2DH5	Ant1	Low	2402	8.72	-34.96	≤-11.28	PASS
		High	2480	7.26	-44.46	≤-12.74	PASS
		Low	Hop_2402	8.69	-43.27	≤-11.31	PASS
		High	Hop_2480	8.29	-43.68	≤-11.71	PASS
3DH5	Ant1	Low	2402	7.37	-38.35	≤-12.63	PASS
		High	2480	6.15	-45.61	≤-13.86	PASS
		Low	Hop_2402	6.86	-44.83	≤-13.14	PASS
		High	Hop_2480	3.20	-46.63	≤-16.8	PASS

Test Graphs

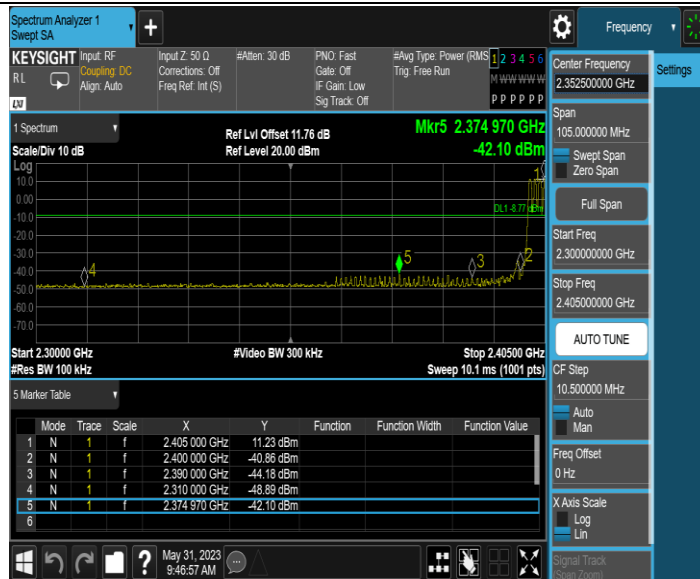
DH5_Ant1_Low_2402



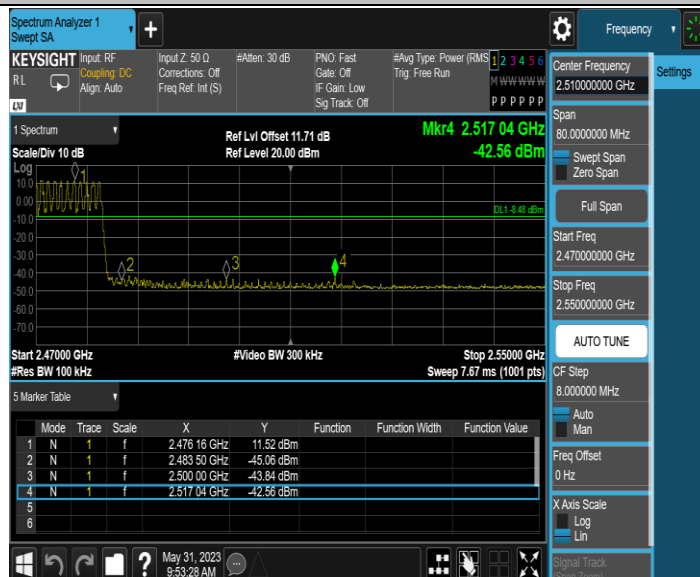
DH5_Ant1_High_2480



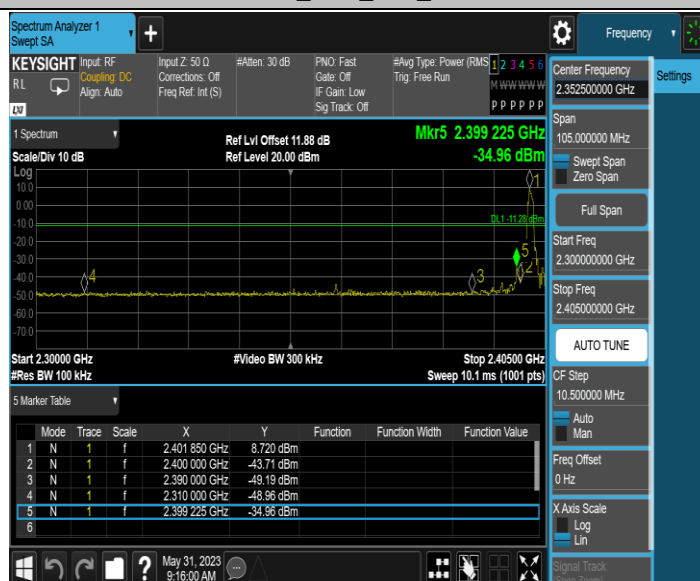
DH5_Ant1_Low_Hop_2402



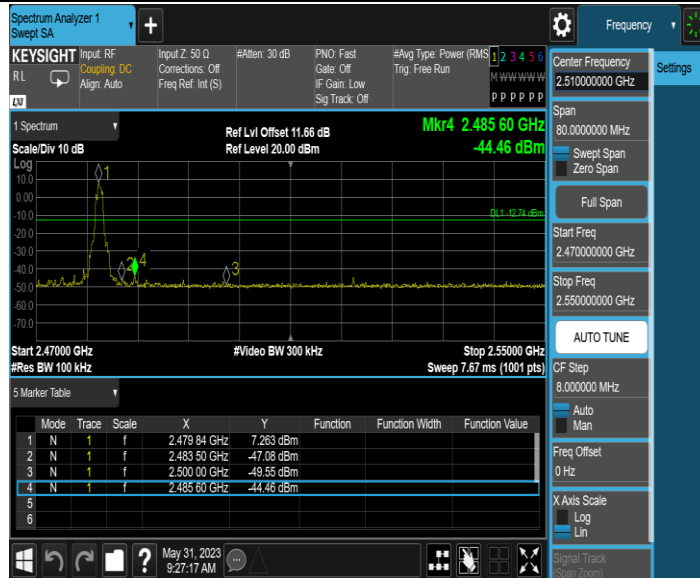
DH5_Ant1_High_Hop_2480



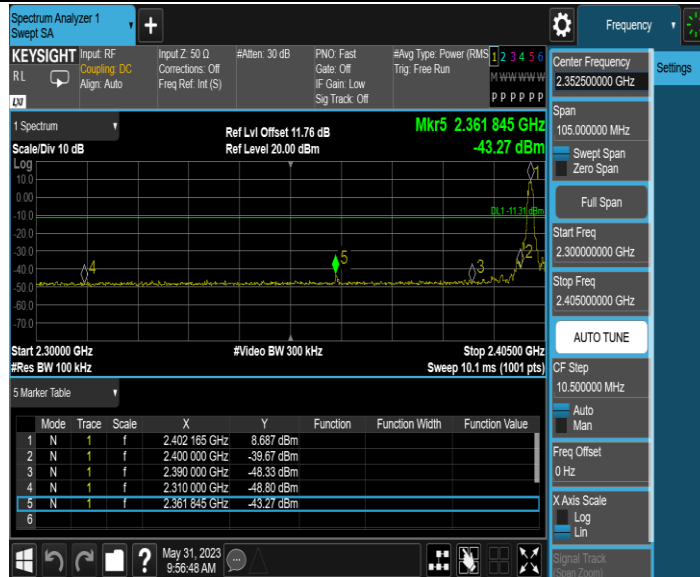
2DH5_Ant1_Low_2402



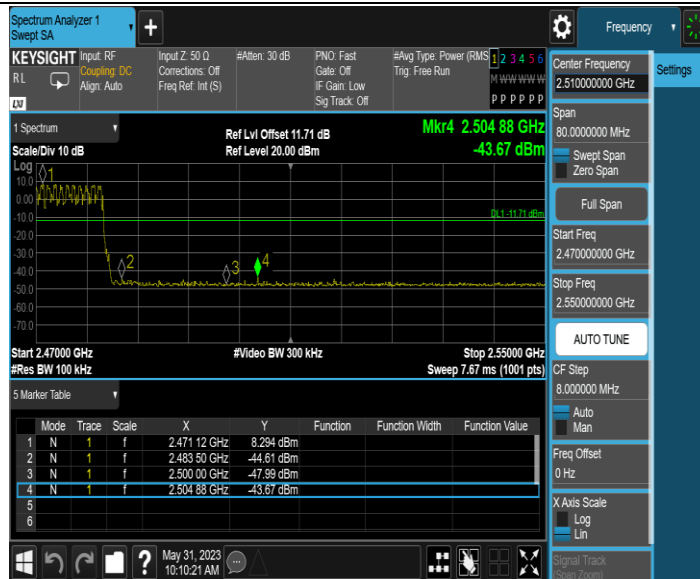
2DH5_Ant1_High_2480



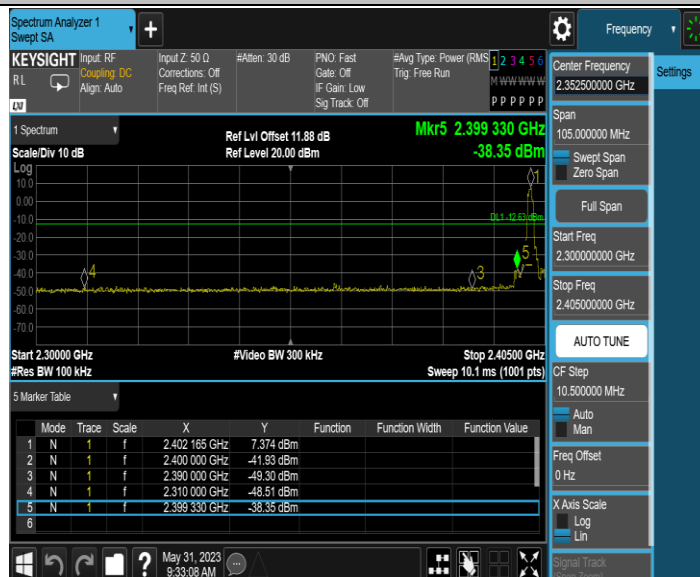
2DH5_Ant1_Low_Hop_2402



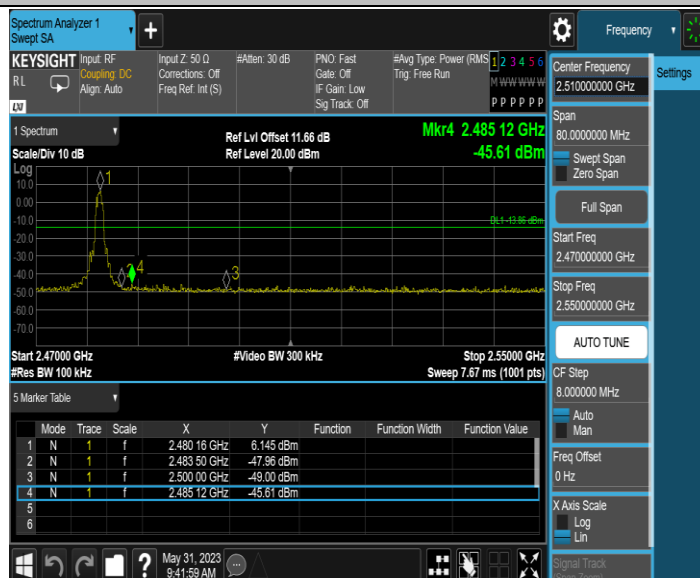
2DH5_Ant1_High_Hop_2480



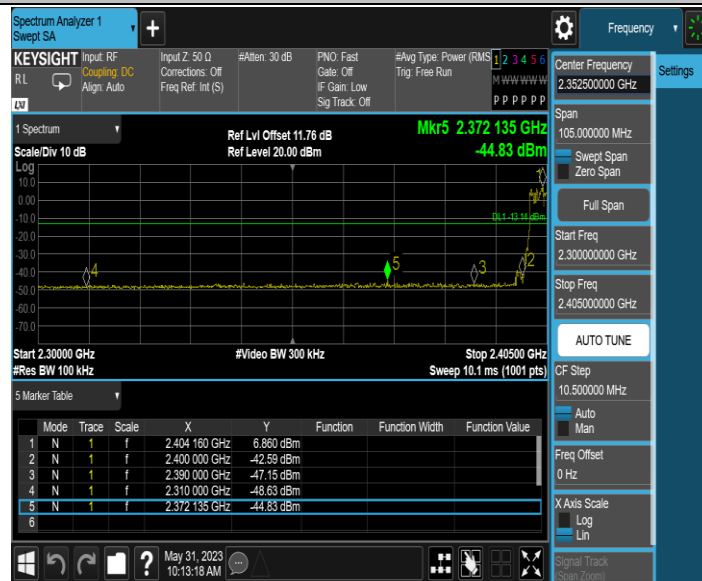
3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

