

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.951	2401.418	2402.369	---	---
		2441	1.053	2440.340	2441.393	---	---
		2480	1.050	2479.337	2480.387	---	---
2DH5	Ant1	2402	1.341	2401.211	2402.552	---	---
		2441	1.284	2440.241	2441.525	---	---
		2480	1.284	2479.244	2480.528	---	---
3DH5	Ant1	2402	1.257	2401.241	2402.498	---	---
		2441	1.257	2440.238	2441.495	---	---
		2480	1.257	2479.241	2480.498	---	---

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



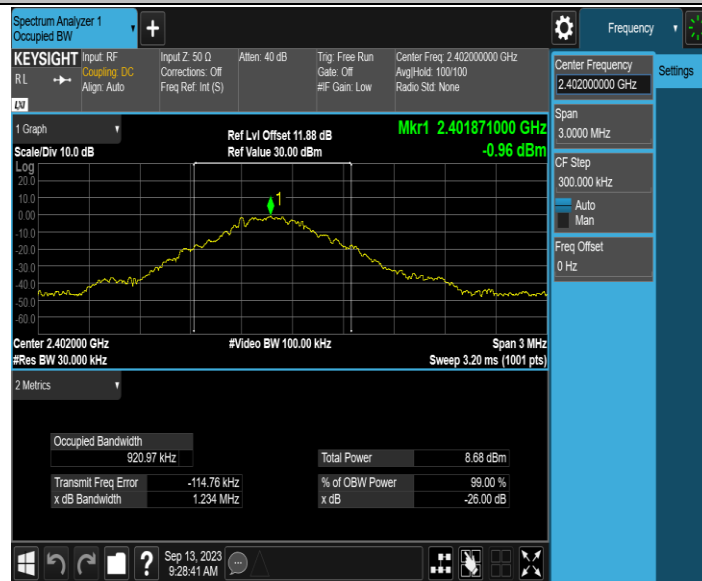
Appendix B: Occupied Channel Bandwidth

Test Result

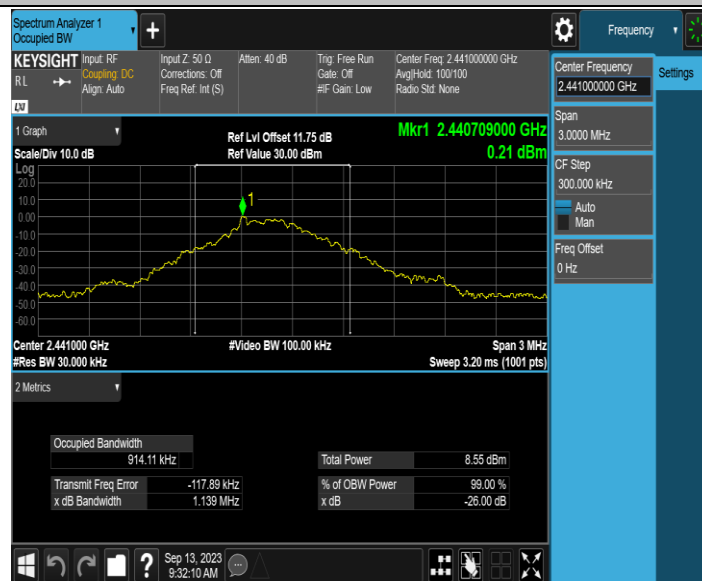
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.92097	2401.4248	2402.3457	---	---
		2441	0.91411	2440.4251	2441.3392	---	---
		2480	0.93118	2479.4128	2480.3440	---	---
2DH5	Ant1	2402	1.1916	2401.2836	2402.4752	---	---
		2441	1.1928	2440.2794	2441.4722	---	---
		2480	1.1922	2479.2770	2480.4692	---	---
3DH5	Ant1	2402	1.1824	2401.2895	2402.4719	---	---
		2441	1.1807	2440.2890	2441.4697	---	---
		2480	1.1907	2479.2778	2480.4685	---	---

Test Graphs

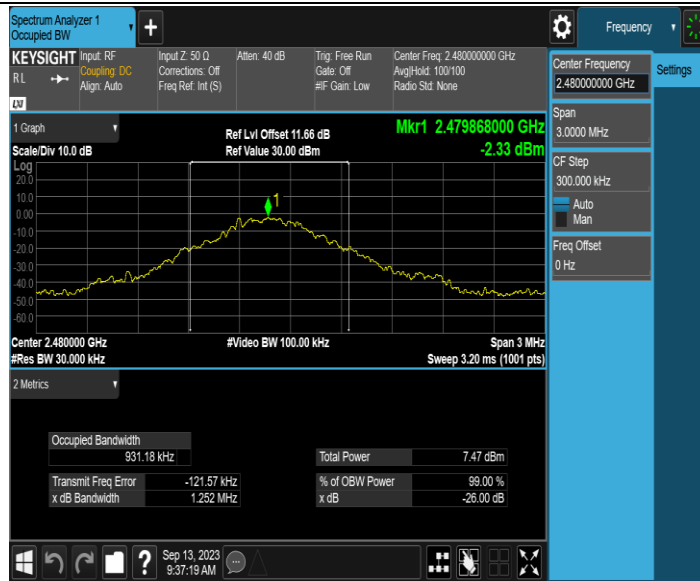
DH5_Ant1_2402



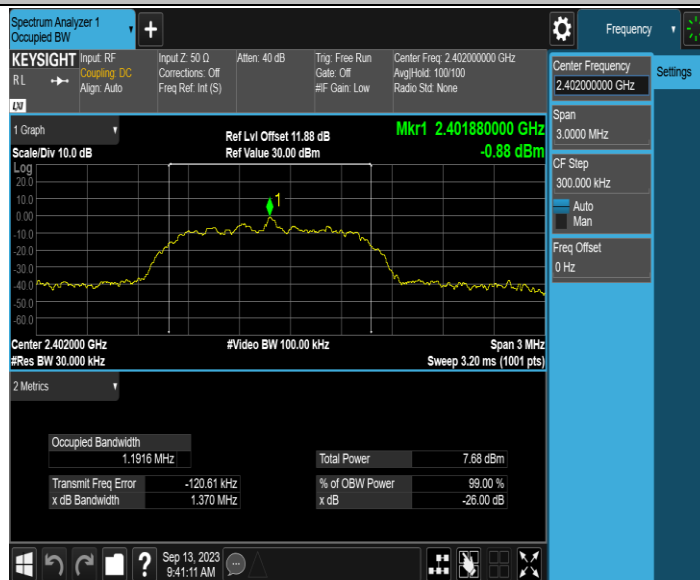
DH5_Ant1_2441



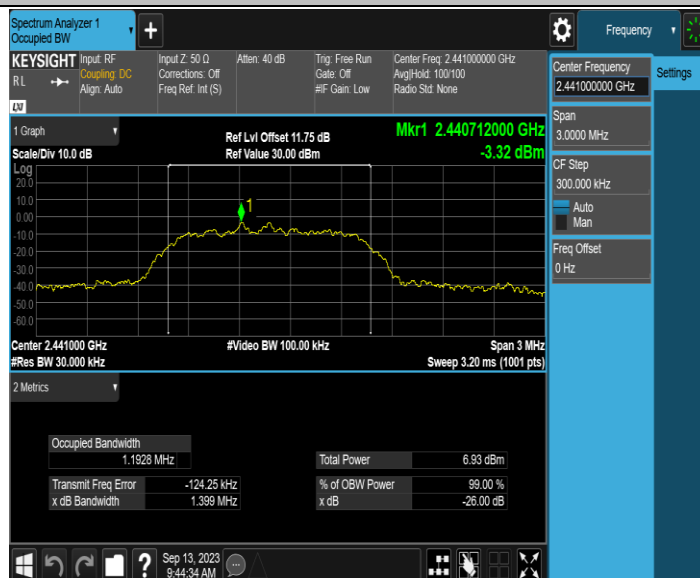
DH5_Ant1_2480



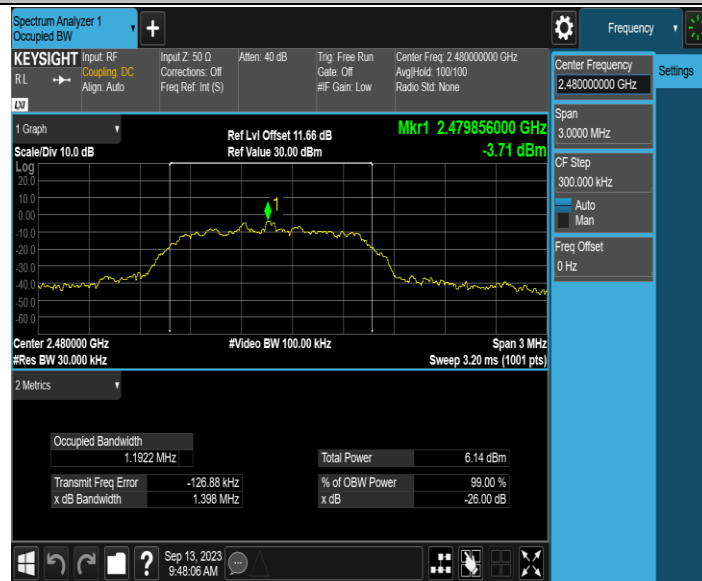
2DH5_Ant1_2402



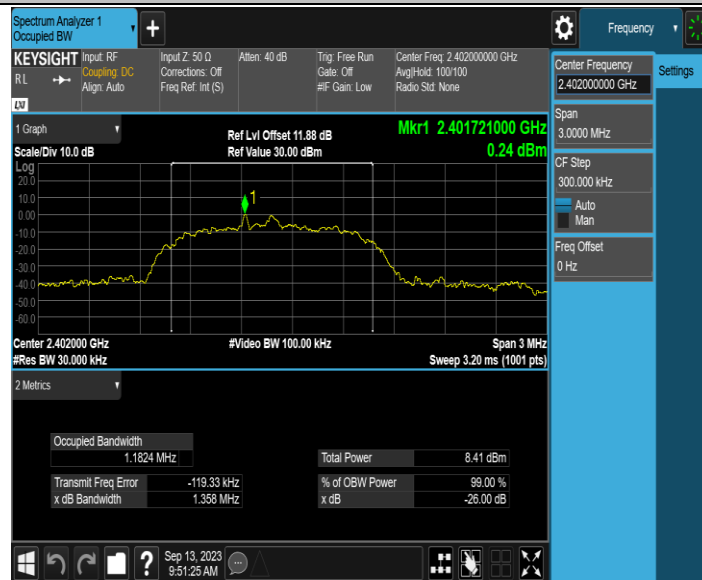
2DH5_Ant1_2441



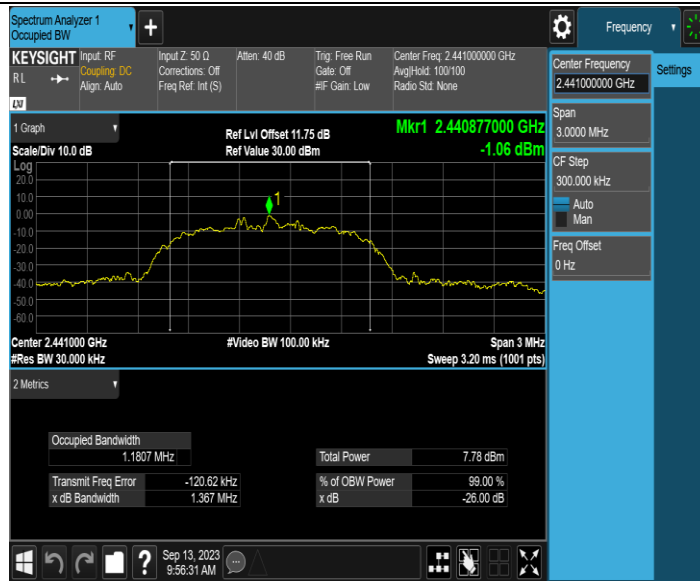
2DH5_Ant1_2480



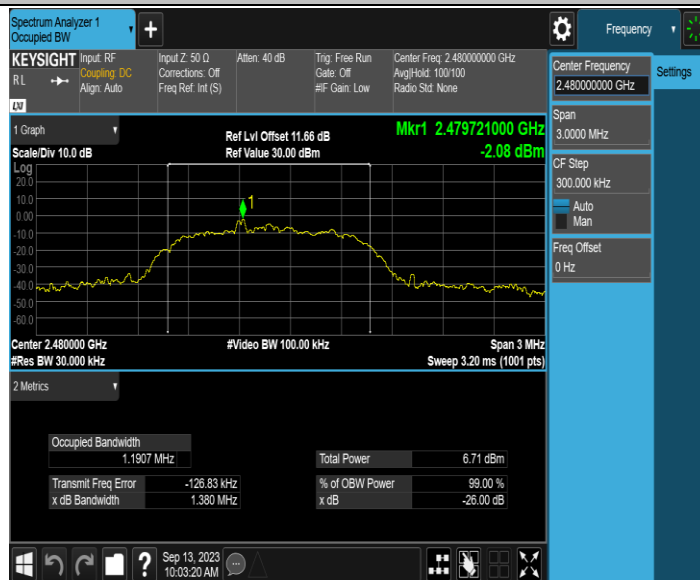
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix C: Maximum conducted output power

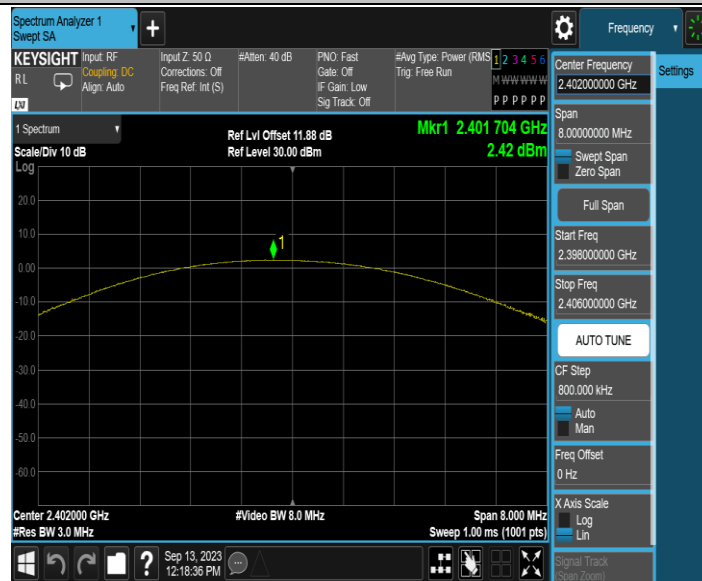
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.42	≤20.97	PASS
		2441	1.91	≤20.97	PASS
		2480	1.2	≤20.97	PASS
2DH5	Ant1	2402	2.79	≤20.97	PASS
		2441	2.28	≤20.97	PASS
		2480	1.53	≤20.97	PASS
3DH5	Ant1	2402	3.19	≤20.97	PASS
		2441	2.63	≤20.97	PASS
		2480	1.93	≤20.97	PASS

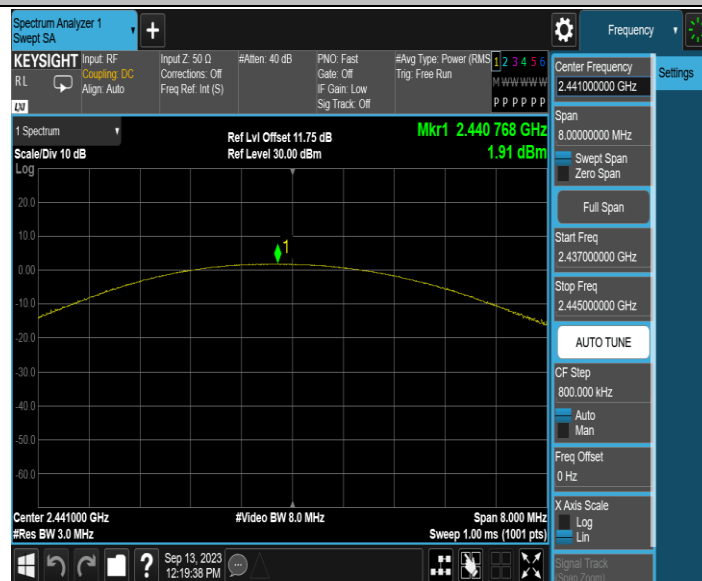
Test Mode	Antenna	Frequency[MHz]	E.I.R.P[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	4.13	≤36	PASS
		2441	3.62	≤36	PASS
		2480	2.91	≤36	PASS
2DH5	Ant1	2402	4.5	≤36	PASS
		2441	3.99	≤36	PASS
		2480	3.24	≤36	PASS
3DH5	Ant1	2402	4.9	≤36	PASS
		2441	4.34	≤36	PASS
		2480	3.64	≤36	PASS

Test Graphs

DH5_Ant1_2402



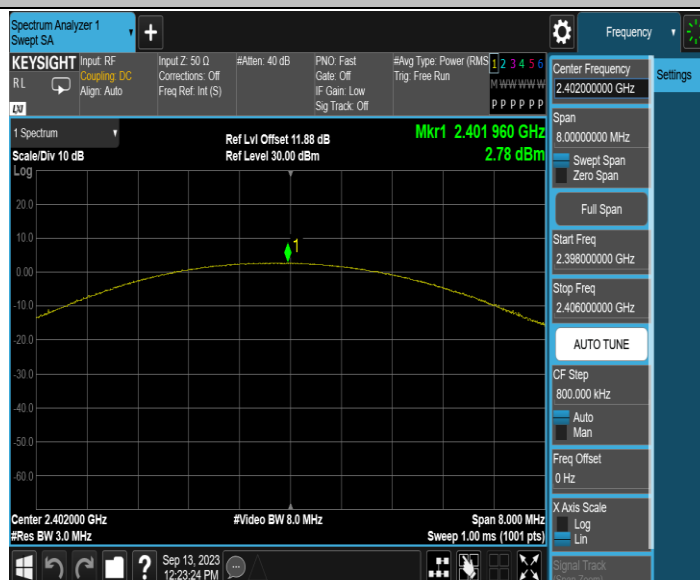
DH5_Ant1_2441



DH5_Ant1_2480



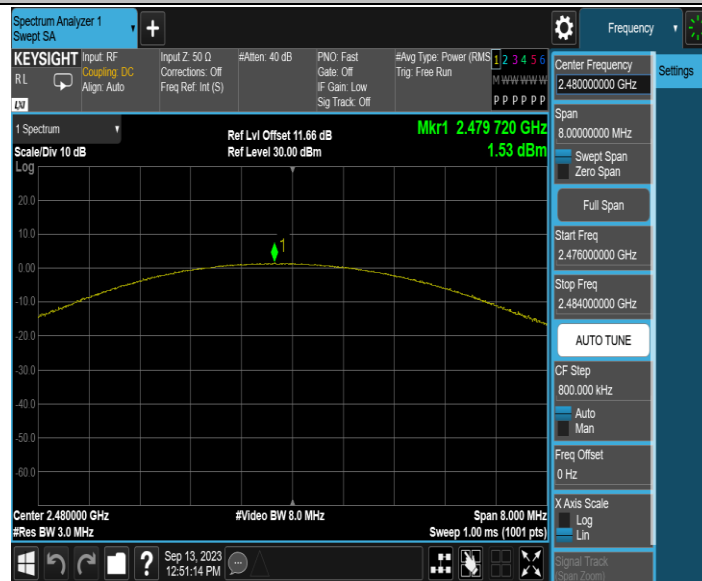
2DH5_Ant1_2402



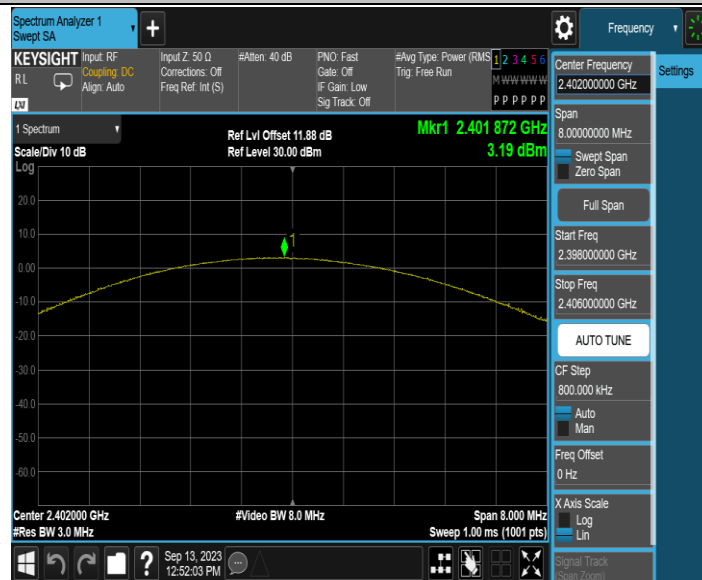
2DH5_Ant1_2441



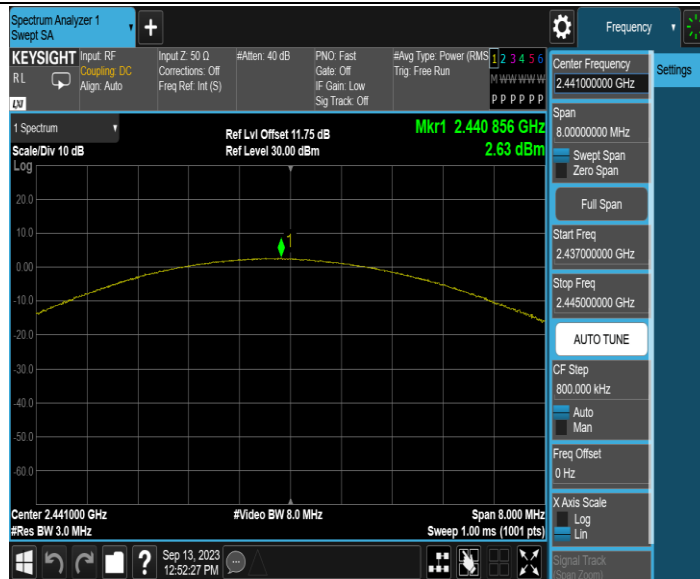
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



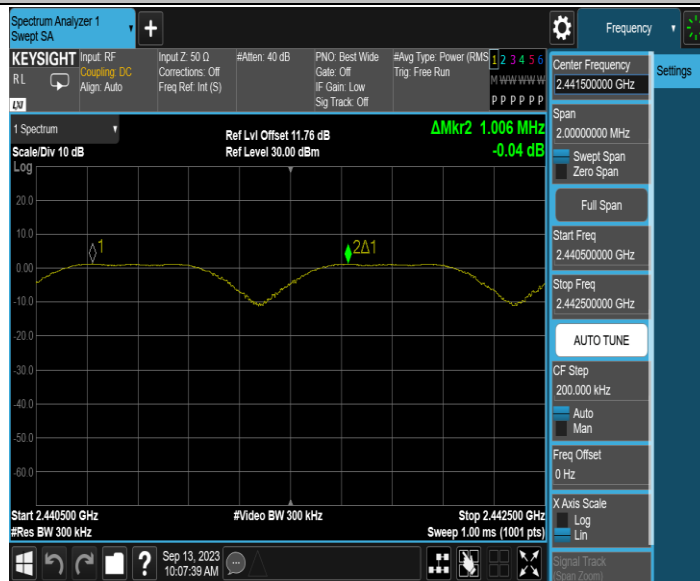
Appendix D: Carrier frequency separation

Test Result

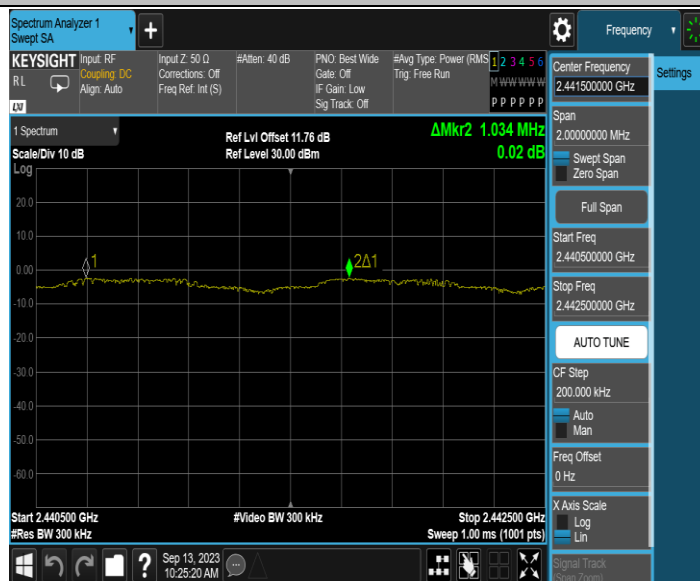
TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.006	≥ 0.702	PASS
2DH5	Ant1	Hop	1.034	≥ 0.894	PASS
3DH5	Ant1	Hop	1.012	≥ 0.838	PASS

Test Graphs

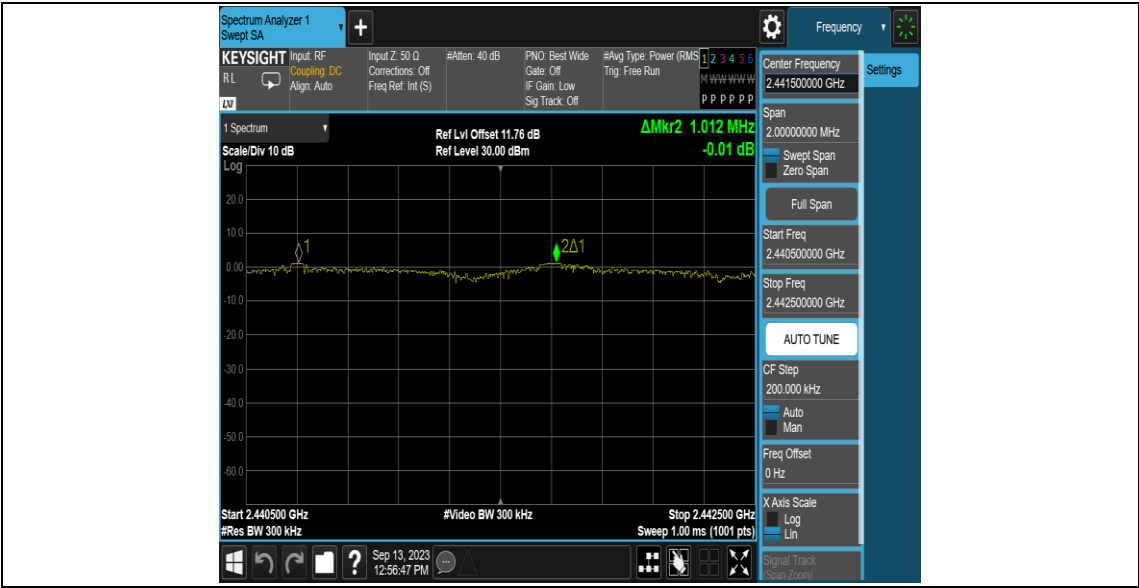
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop

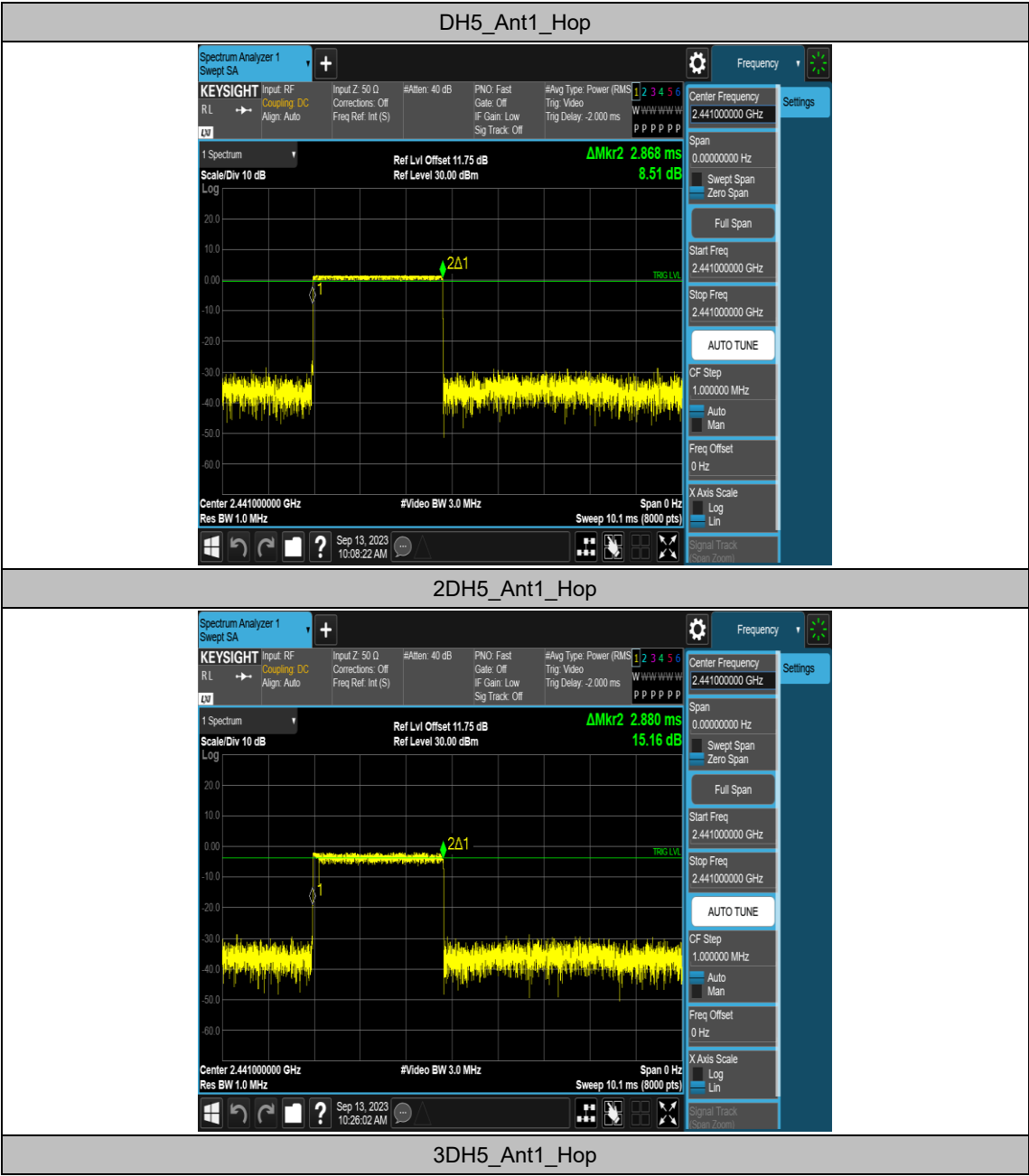


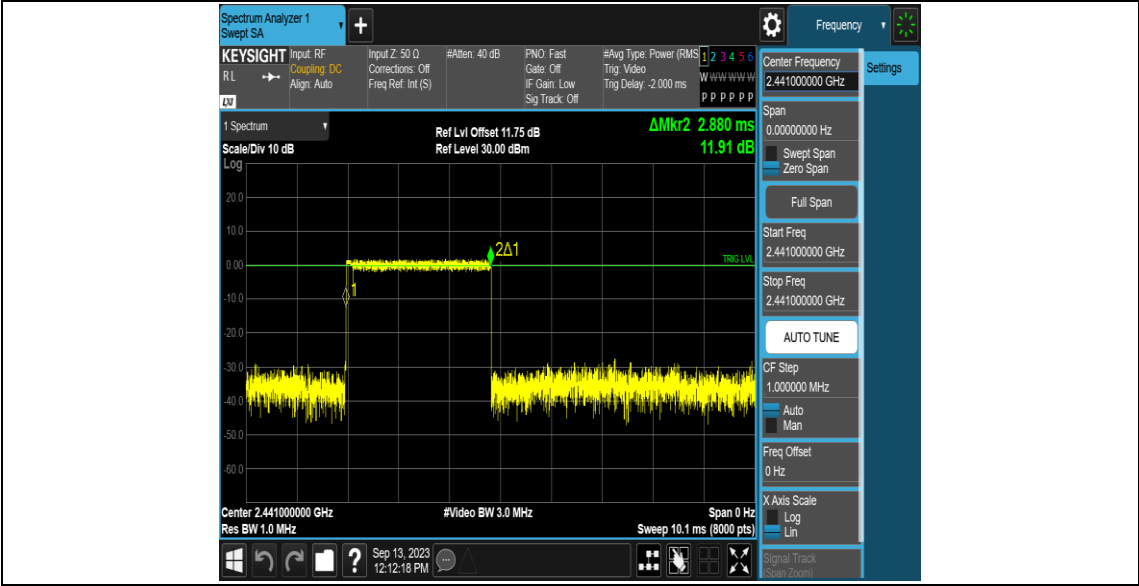
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.868	106.67	0.306	≤0.4	PASS
2DH5	Ant1	Hop	2.880	106.67	0.307	≤0.4	PASS
3DH5	Ant1	Hop	2.880	106.67	0.307	≤0.4	PASS

Test Graphs





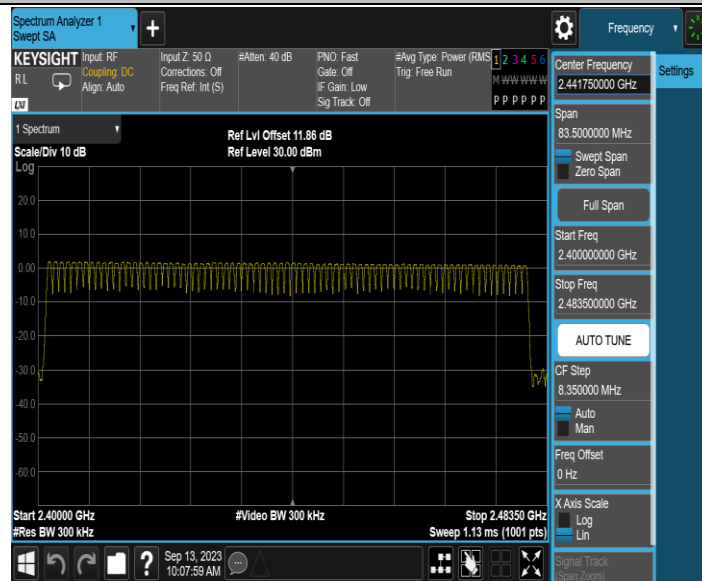
Appendix F: Number of hopping channels

Test Result

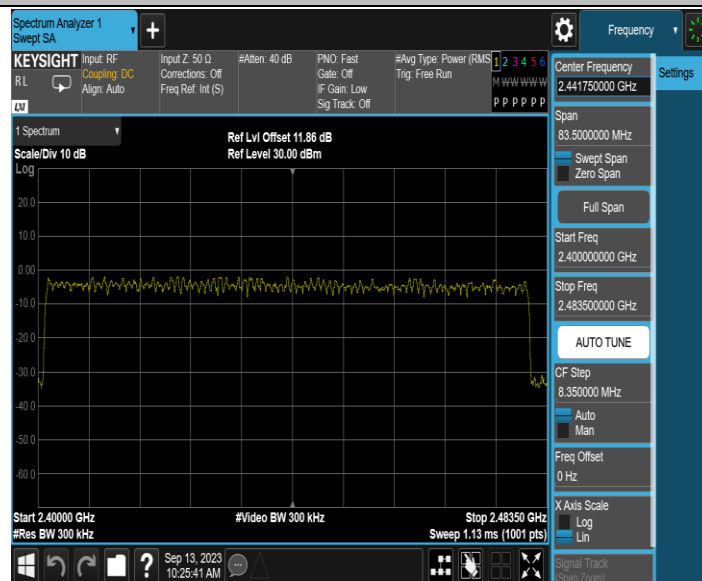
TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

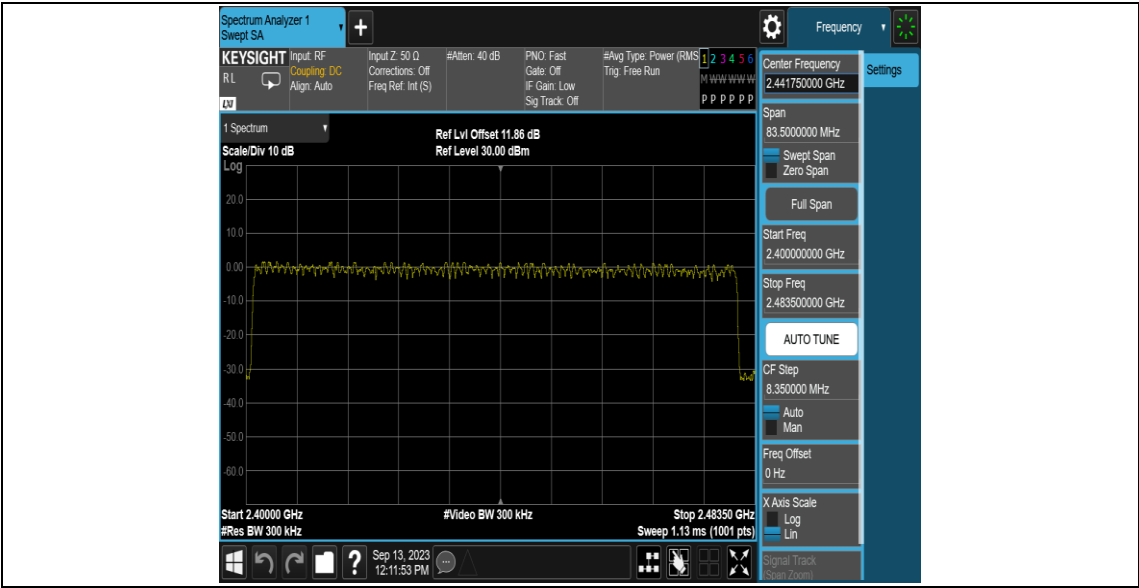
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop



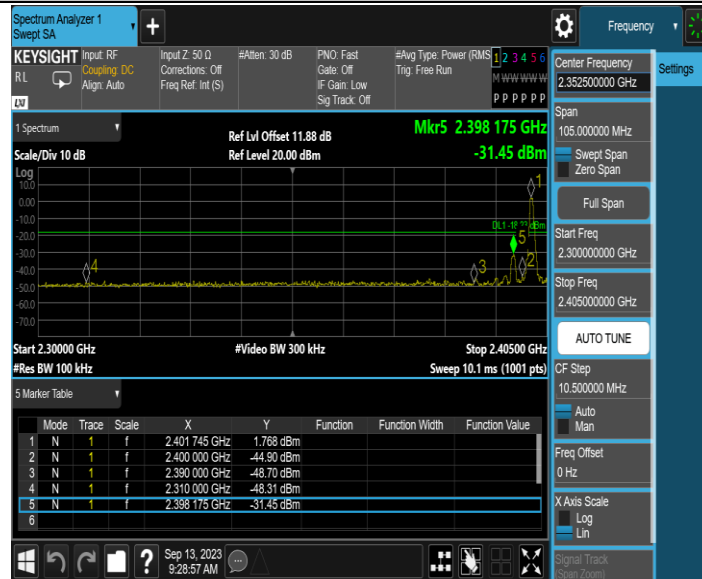
Appendix G: Band edge measurements

Test Result

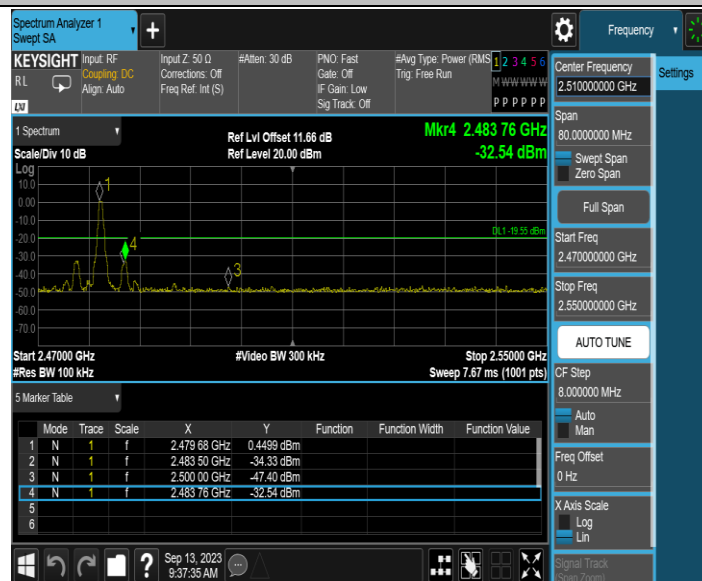
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.77	-31.45	≤-18.23	PASS
		High	2480	0.45	-32.54	≤-19.55	PASS
		Low	Hop_2402	1.53	-46.05	≤-18.47	PASS
		High	Hop_2480	-3.17	-46.36	≤-23.17	PASS
2DH5	Ant1	Low	2402	1.68	-33.69	≤-18.32	PASS
		High	2480	-0.01	-33.86	≤-20.01	PASS
		Low	Hop_2402	-3.30	-46.37	≤-23.3	PASS
		High	Hop_2480	0.50	-46.27	≤-19.5	PASS
3DH5	Ant1	Low	2402	1.61	-33.14	≤-18.39	PASS
		High	2480	0.36	-34.16	≤-19.64	PASS
		Low	Hop_2402	1.50	-46.06	≤-18.5	PASS
		High	Hop_2480	0.70	-45.77	≤-19.31	PASS

Test Graphs

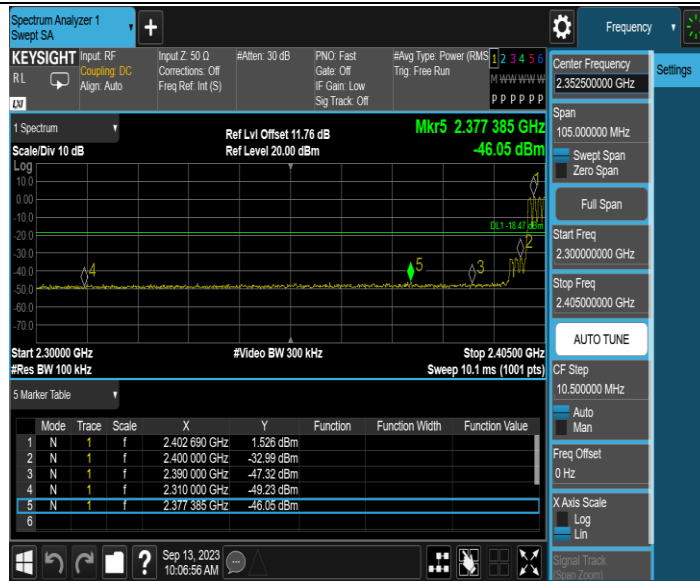
DH5_Ant1_Low_2402



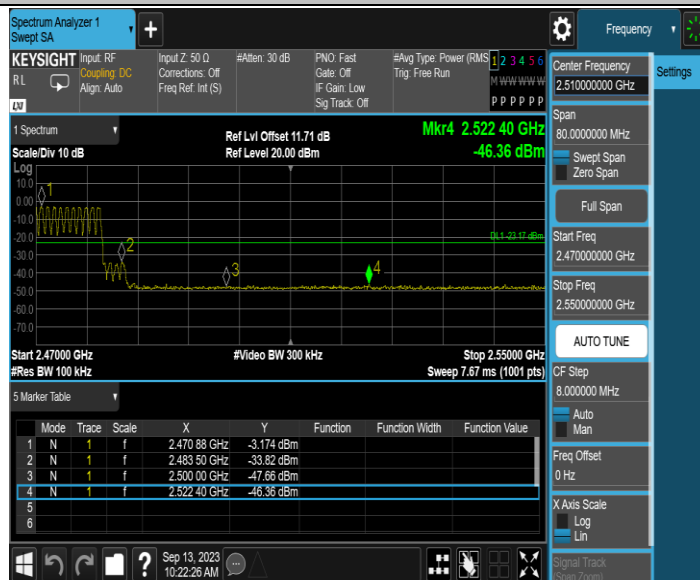
DH5_Ant1_High_2480



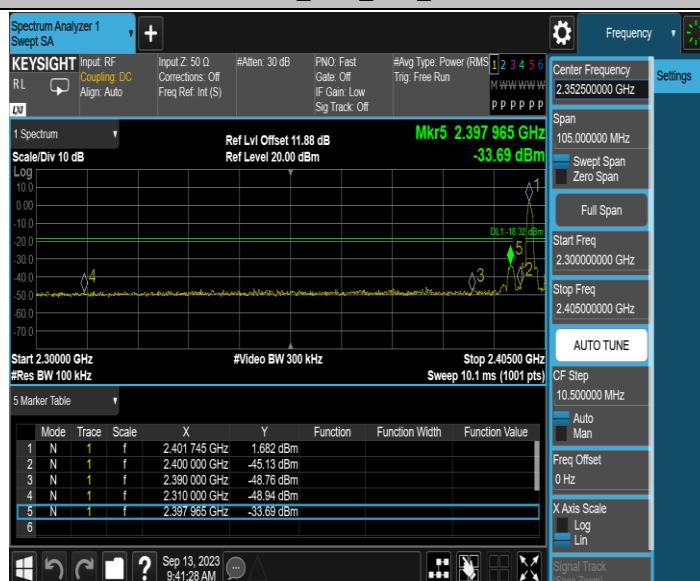
DH5_Ant1_Low_Hop_2402



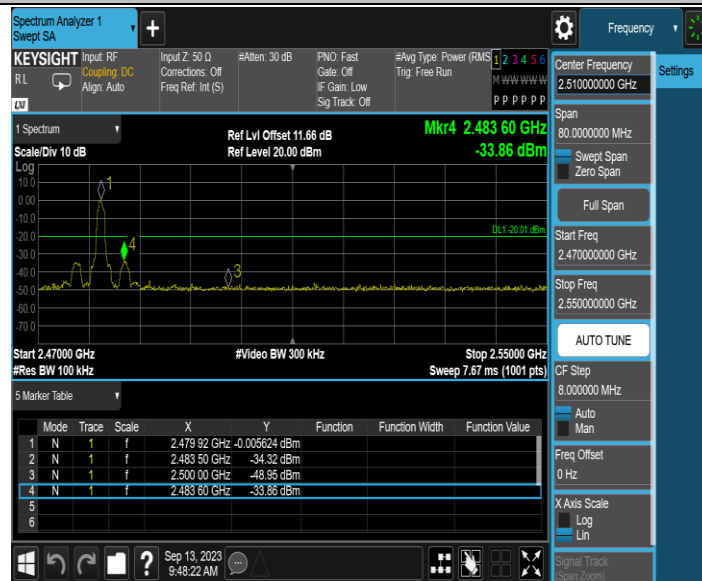
DH5_Ant1_High_Hop_2480



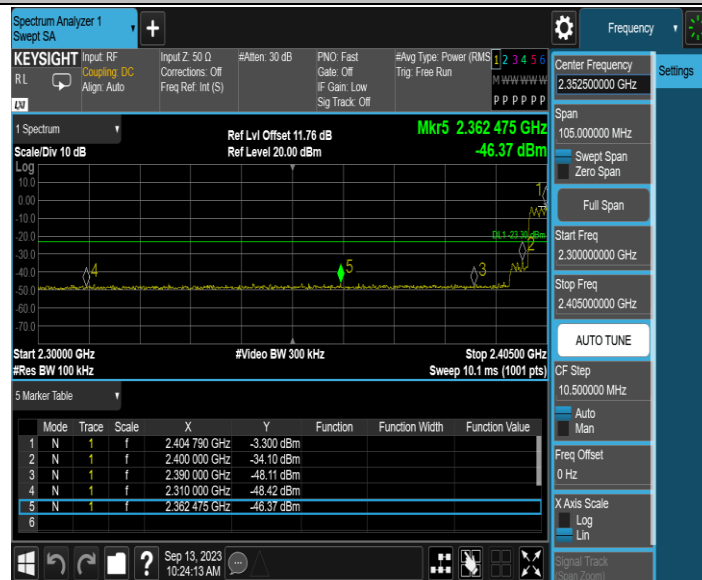
2DH5_Ant1_Low_2402



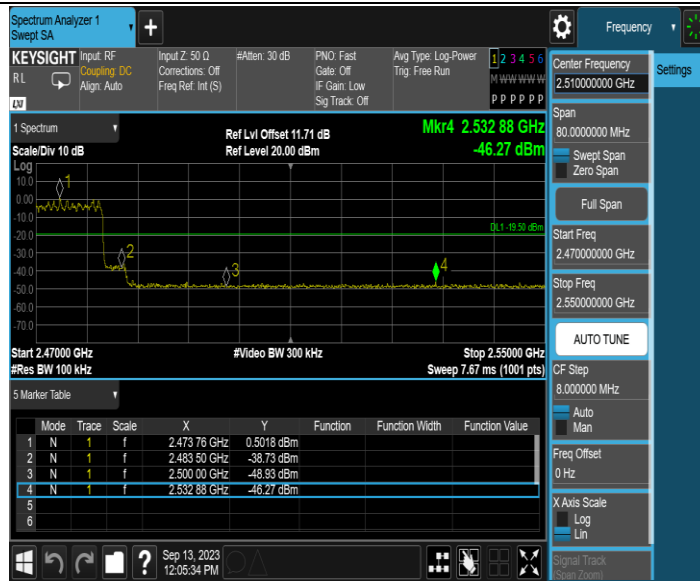
2DH5_Ant1_High_2480



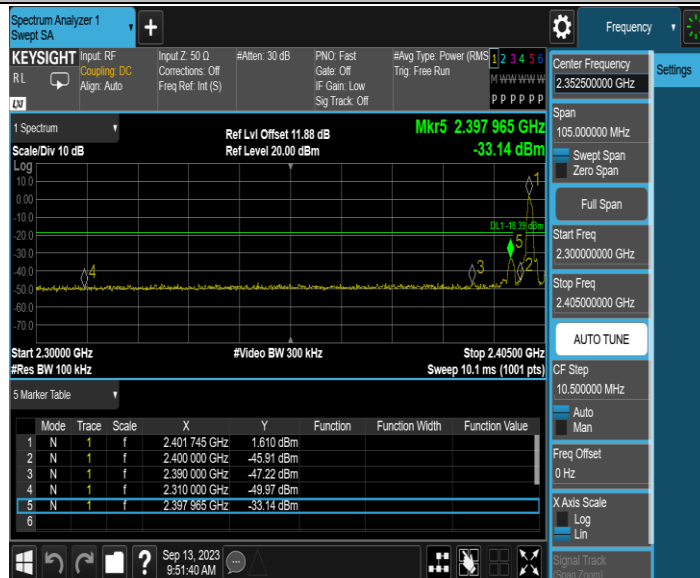
2DH5_Ant1_Low_Hop_2402



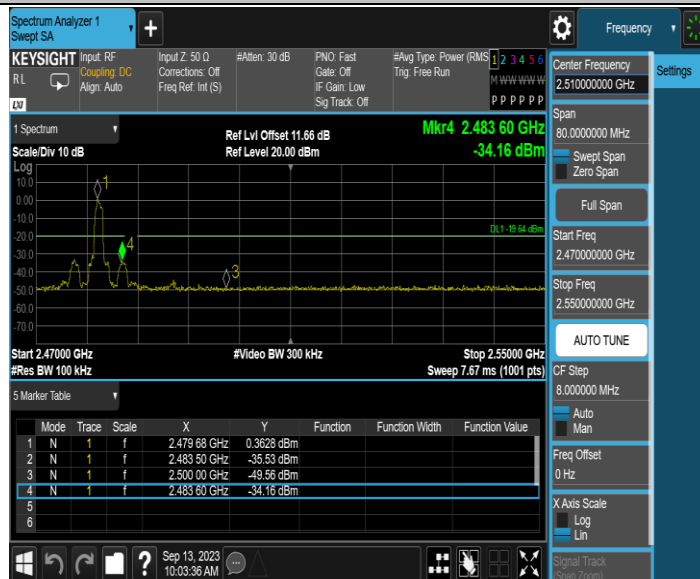
2DH5_Ant1_High_Hop_2480



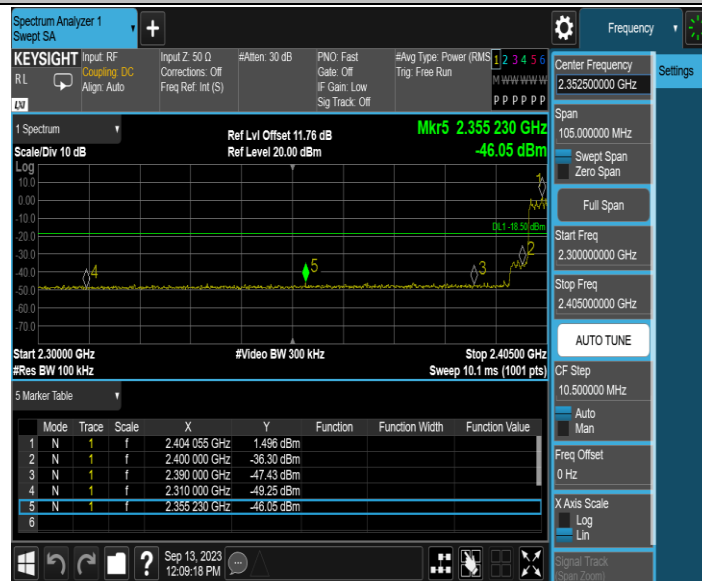
3DH5_Ant1_Low_2402



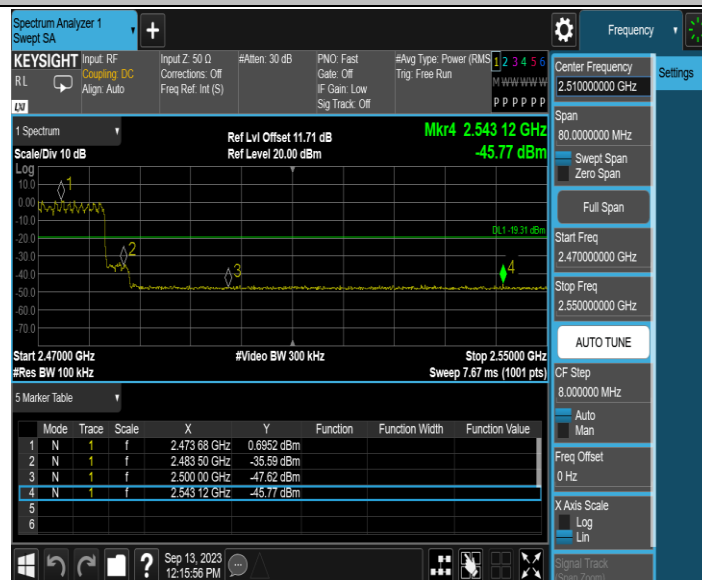
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480



Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.71	1.71	---	PASS
			30~1000	1.71	-58.64	≤-18.29	PASS
			1000~26500	1.71	-50.17	≤-18.29	PASS
		2441	Reference	1.21	1.21	---	PASS
			30~1000	1.21	-58.11	≤-18.79	PASS
			1000~26500	1.21	-49.12	≤-18.79	PASS
		2480	Reference	0.46	0.46	---	PASS
			30~1000	0.46	-58.68	≤-19.54	PASS
			1000~26500	0.46	-47.84	≤-19.54	PASS
2DH5	Ant1	2402	Reference	1.58	1.58	---	PASS
			30~1000	1.58	-57.97	≤-18.42	PASS
			1000~26500	1.58	-48.89	≤-18.42	PASS
		2441	Reference	1.00	1.00	---	PASS
			30~1000	1.00	-58.27	≤-19	PASS
			1000~26500	1.00	-49.83	≤-19	PASS
		2480	Reference	0.25	0.25	---	PASS
			30~1000	0.25	-57.67	≤-19.75	PASS
			1000~26500	0.25	-48.03	≤-19.75	PASS
3DH5	Ant1	2402	Reference	1.72	1.72	---	PASS
			30~1000	1.72	-58.61	≤-18.28	PASS
			1000~26500	1.72	-49.93	≤-18.28	PASS
		2441	Reference	1.20	1.20	---	PASS
			30~1000	1.20	-57.71	≤-18.8	PASS
			1000~26500	1.20	-49.29	≤-18.8	PASS
		2480	Reference	0.44	0.44	---	PASS
			30~1000	0.44	-58.36	≤-19.56	PASS
			1000~26500	0.44	-47.94	≤-19.56	PASS

Test Graphs





DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

