

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.930	2401.481	2402.411	---	---
		2441	0.936	2440.478	2441.414	---	---
		2480	0.930	2479.475	2480.405	---	---
2DH5	Ant1	2402	1.320	2401.271	2402.591	---	---
		2441	1.359	2440.256	2441.615	---	---
		2480	1.308	2479.277	2480.585	---	---
3DH5	Ant1	2402	1.296	2401.292	2402.588	---	---
		2441	1.308	2440.283	2441.591	---	---
		2480	1.287	2479.286	2480.573	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



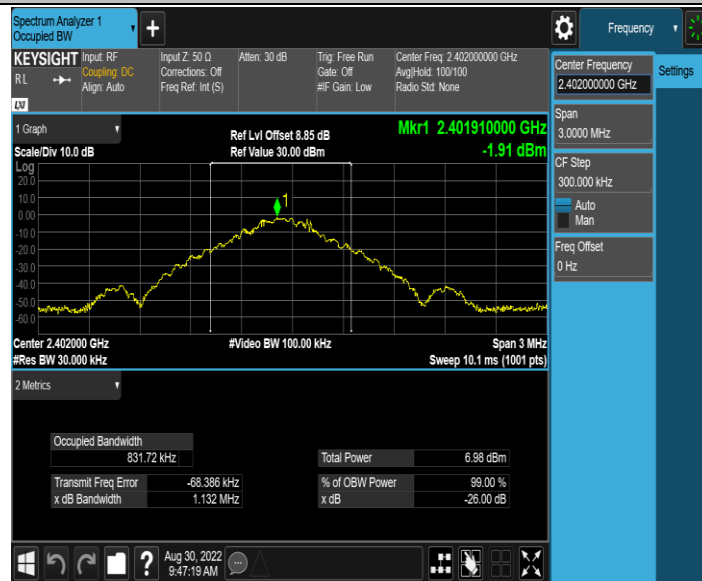
Appendix B: Occupied Channel Bandwidth

Test Result

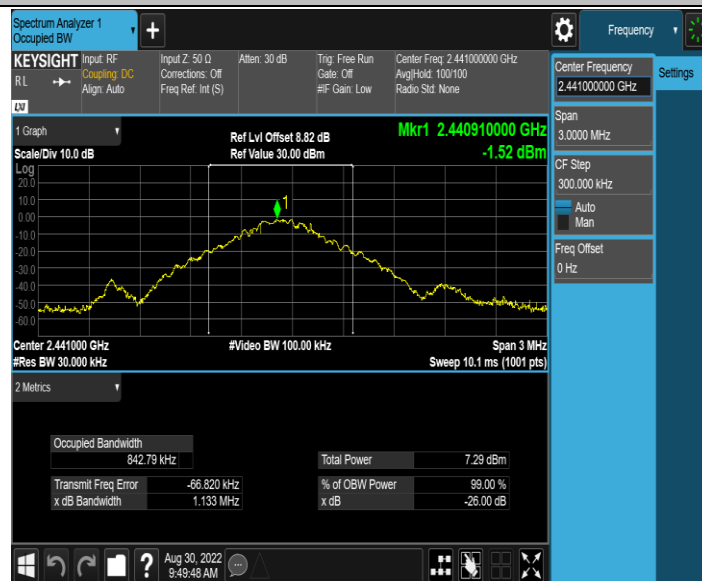
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.83172	2401.51 58	2402.3475	---	---
		2441	0.84279	2440.51 18	2441.3546	---	---
		2480	0.83079	2479.51 42	2480.3450	---	---
2DH5	Ant1	2402	1.1853	2401.34 20	2402.5273	---	---
		2441	1.1822	2440.34 04	2441.5226	---	---
		2480	1.1934	2479.33 54	2480.5288	---	---
3DH5	Ant1	2402	1.1863	2401.34 21	2402.5284	---	---
		2441	1.1878	2440.33 98	2441.5276	---	---
		2480	1.1961	2479.33 10	2480.5271	---	---

Test Graphs

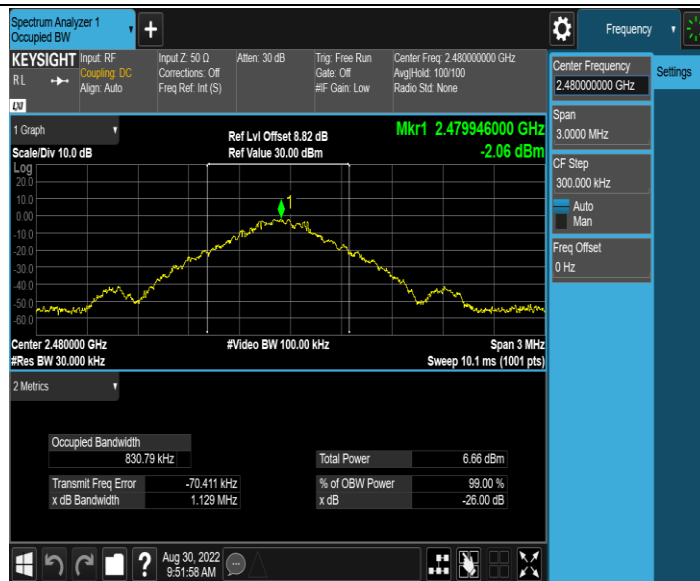
DH5_Ant1_2402



DH5_Ant1_2441



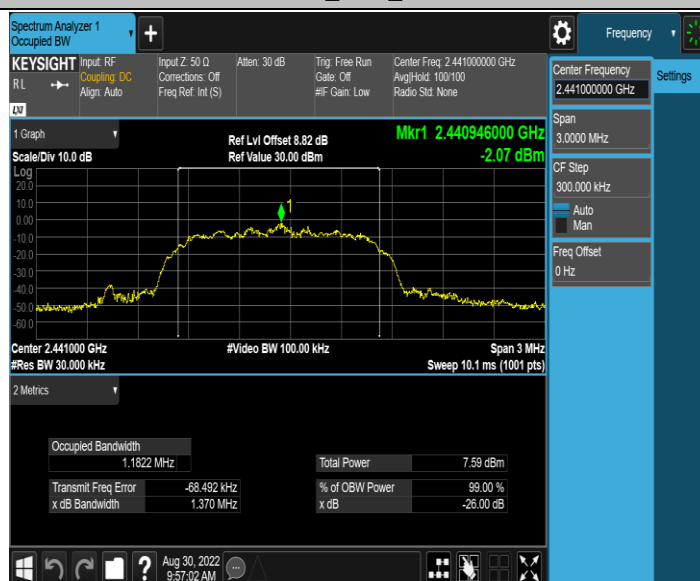
DH5_Ant1_2480



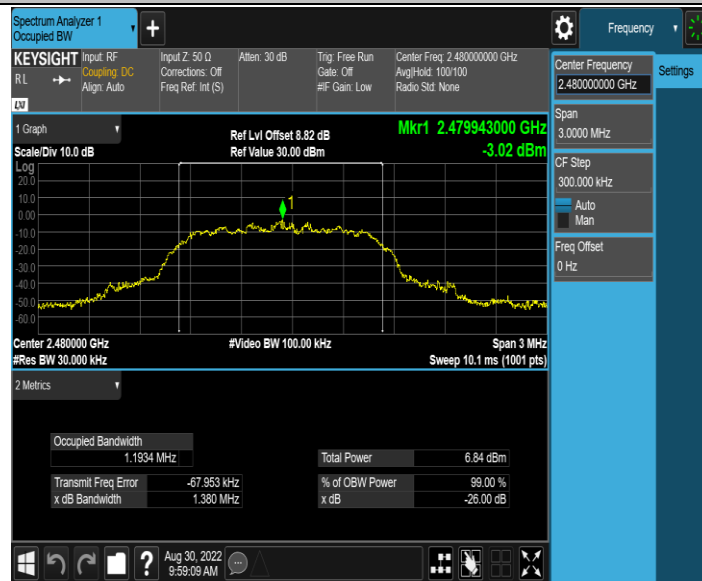
2DH5_Ant1_2402



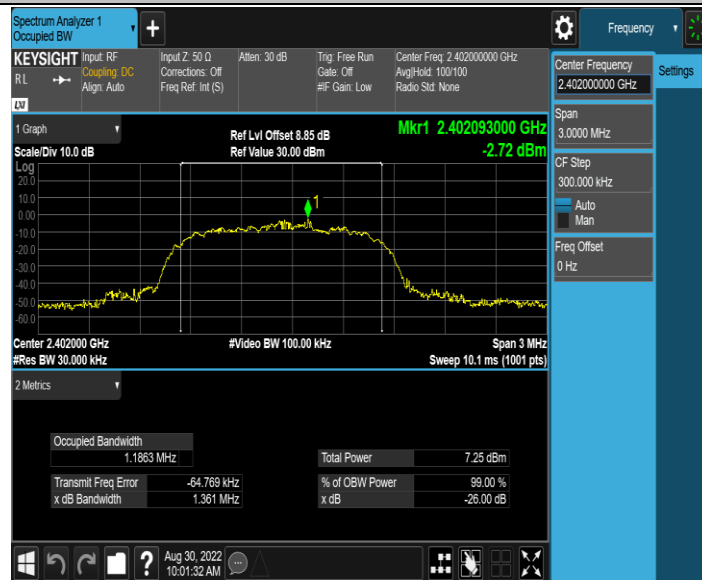
2DH5_Ant1_2441



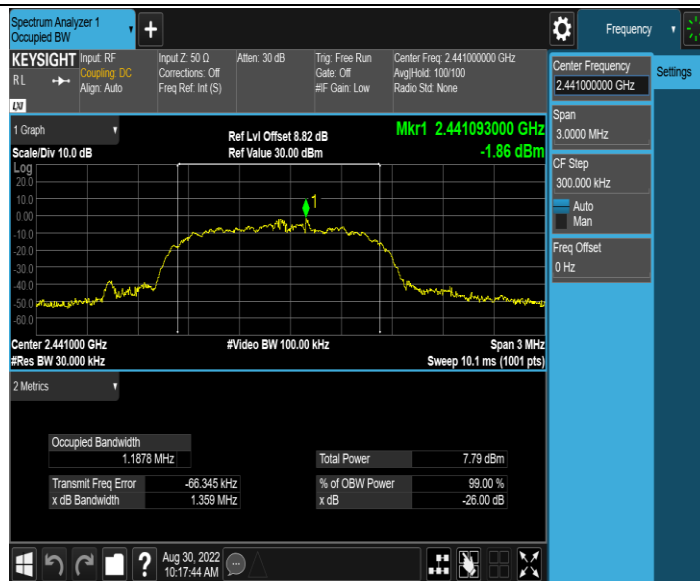
2DH5_Ant1_2480



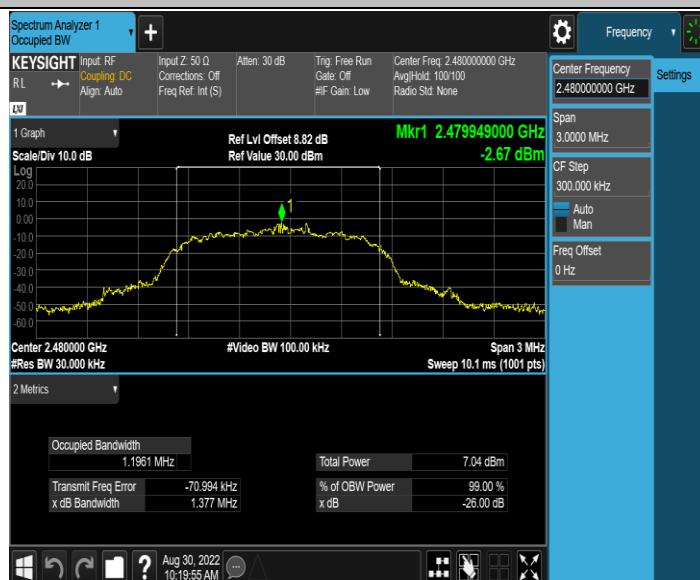
3DH5_Ant1_2402



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	-1.46	≤20.97	PASS
		2441	-0.86	≤20.97	PASS
		2480	-1.62	≤20.97	PASS
2DH5	Ant1	2402	0.69	≤20.97	PASS
		2441	1.22	≤20.97	PASS
		2480	0.59	≤20.97	PASS
3DH5	Ant1	2402	1.3	≤20.97	PASS
		2441	1.69	≤20.97	PASS
		2480	0.99	≤20.97	PASS

TestMode	Antenna	Channel	E.I.R.P[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.24	≤36	PASS
		2441	0.84	≤36	PASS
		2480	0.08	≤36	PASS
2DH5	Ant1	2402	2.39	≤36	PASS
		2441	2.92	≤36	PASS
		2480	2.29	≤36	PASS
3DH5	Ant1	2402	3	≤36	PASS
		2441	3.39	≤36	PASS
		2480	2.69	≤36	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.18	≥ 0.936	PASS
2DH5	Ant1	Hop	1.004	≥ 0.906	PASS
3DH5	Ant1	Hop	1.16	≥ 0.872	PASS

Test Graphs





Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.86	106.67	0.305	≤0.4	PASS
2DH5	Ant1	Hop	2.87	106.67	0.306	≤0.4	PASS
3DH5	Ant1	Hop	2.87	106.67	0.306	≤0.4	PASS

Test Graphs



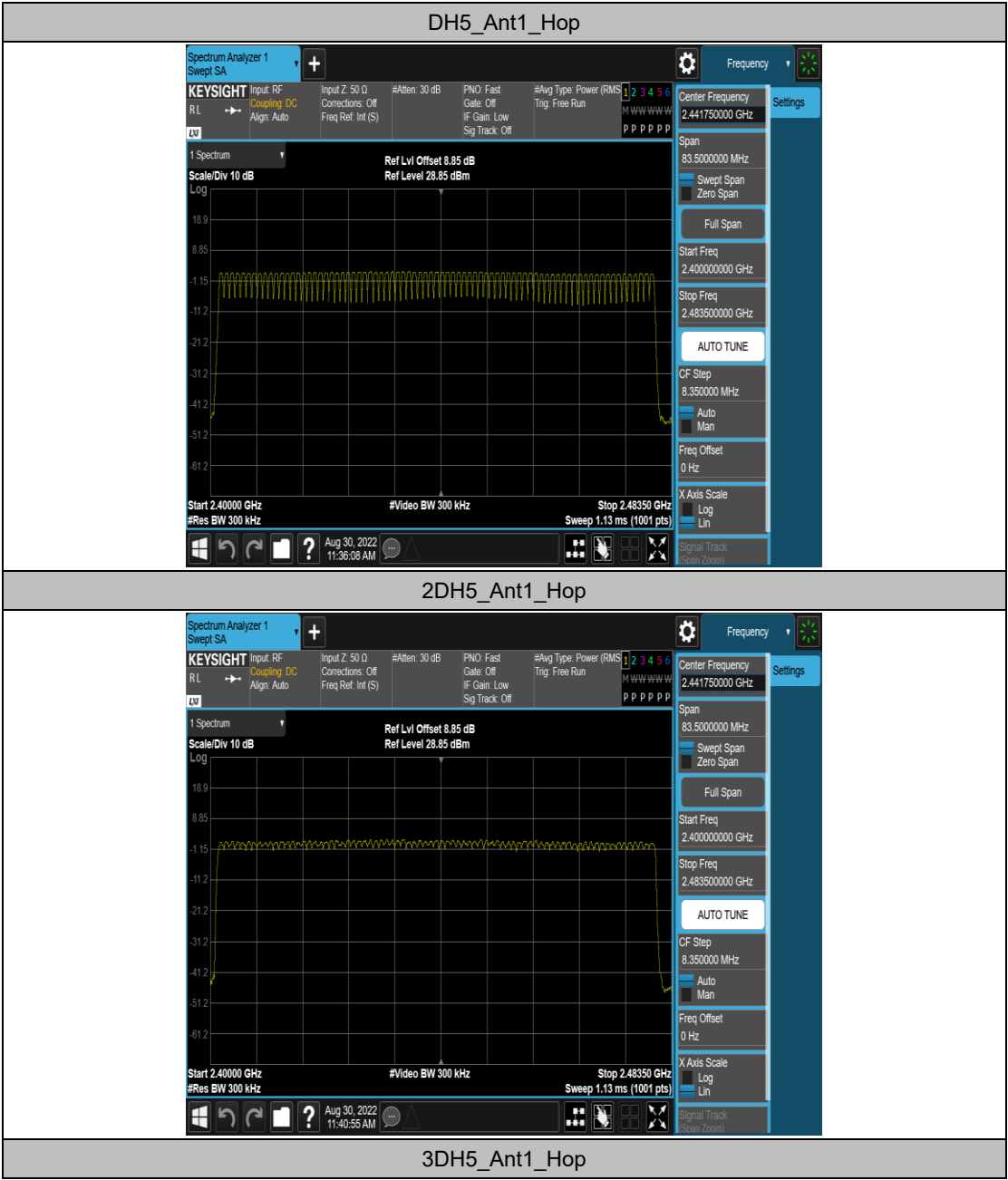


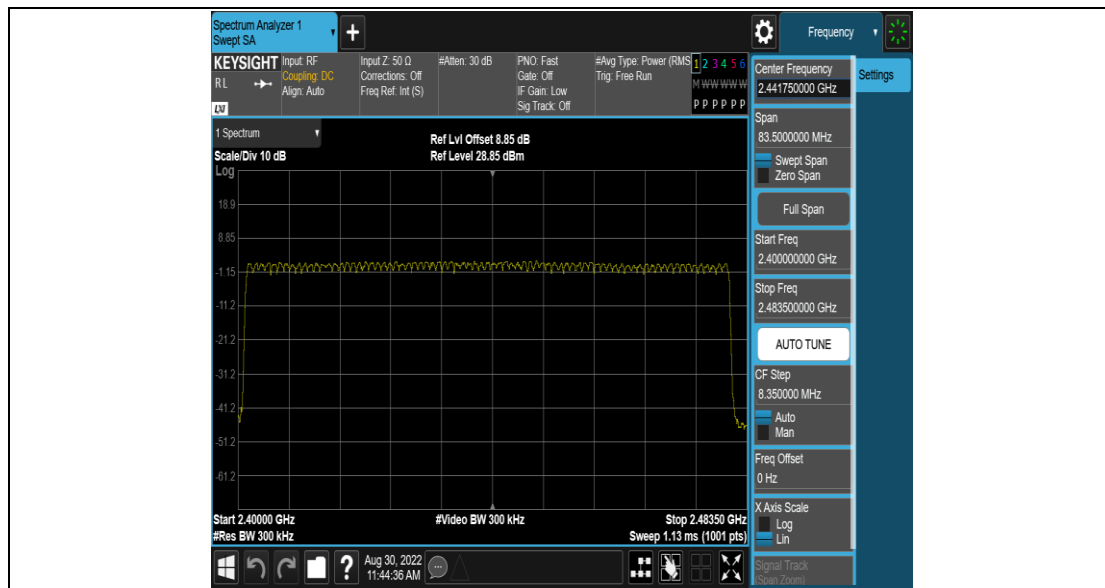
Appendix F: Number of hopping channels

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





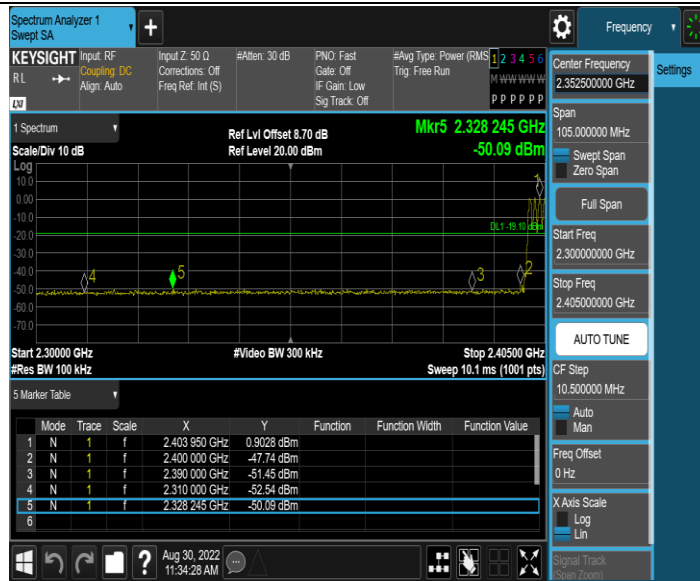
Appendix G: Band edge measurements

Test Result

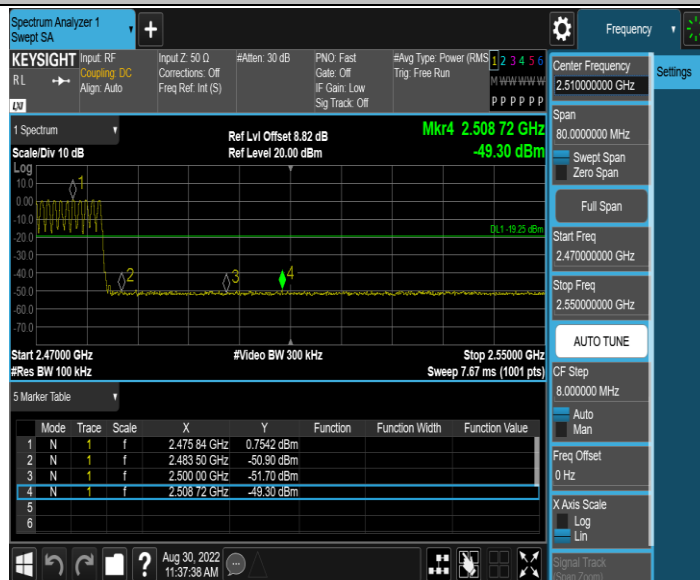
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.32	-49.09	≤-21.32	PASS
		High	2480	-1.84	-49.29	≤-21.84	PASS
		Low	Hop_2402	0.90	-50.09	≤-19.1	PASS
		High	Hop_2480	0.75	-49.3	≤-19.25	PASS
2DH5	Ant1	Low	2402	-1.34	-47.57	≤-21.34	PASS
		High	2480	-0.67	-50.05	≤-20.67	PASS
		Low	Hop_2402	1.42	-49.43	≤-18.58	PASS
		High	Hop_2480	0.73	-48.05	≤-19.27	PASS
3DH5	Ant1	Low	2402	1.22	-47.88	≤-18.78	PASS
		High	2480	1.03	-49.63	≤-18.97	PASS
		Low	Hop_2402	-0.87	-49.75	≤-20.87	PASS
		High	Hop_2480	-0.47	-48.82	≤-20.47	PASS

Test Graphs

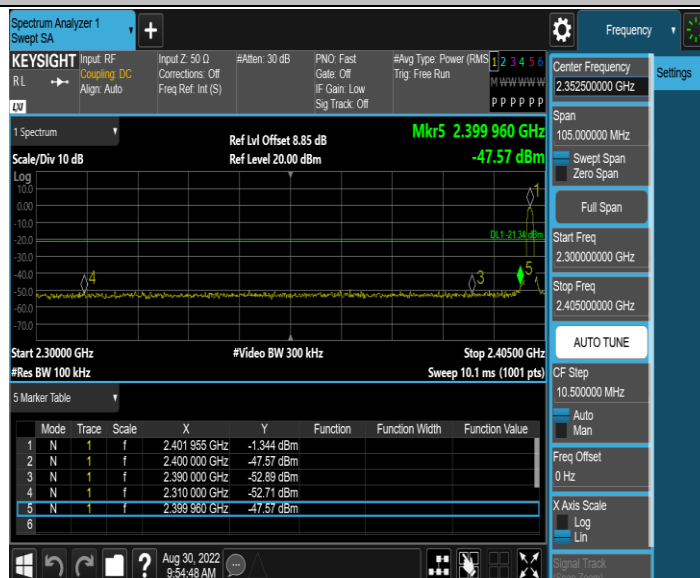




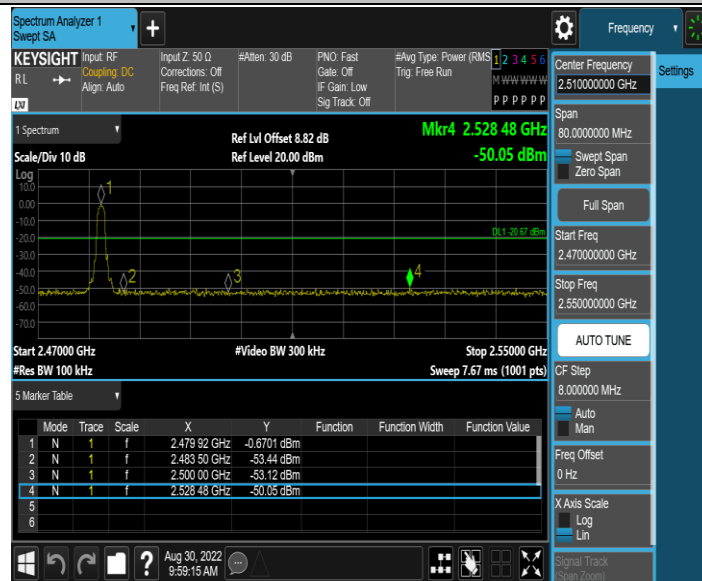
DH5_Ant1_High_Hop_2480



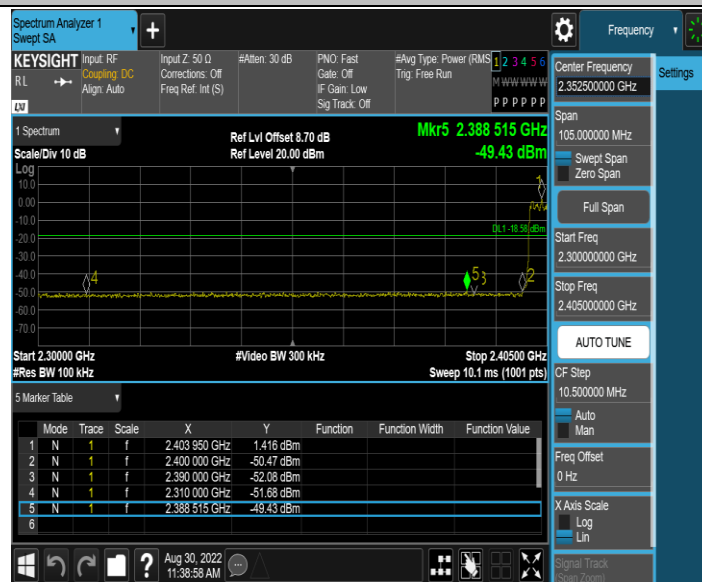
2DH5_Ant1_Low_2402



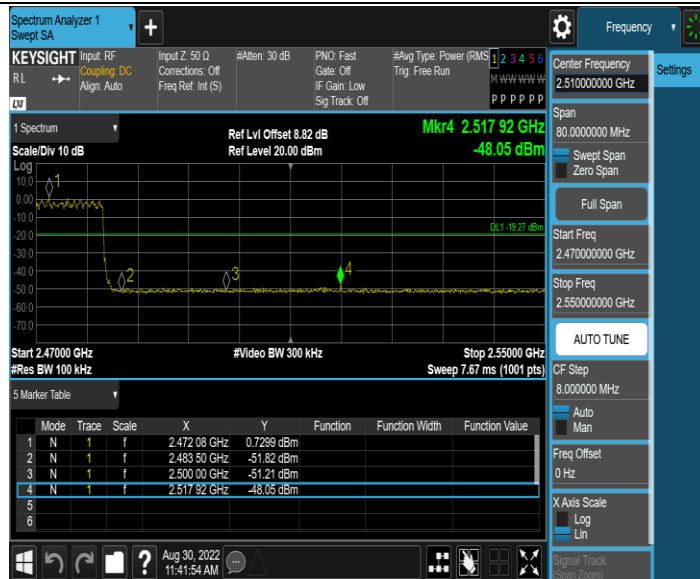
2DH5_Ant1_High_2480



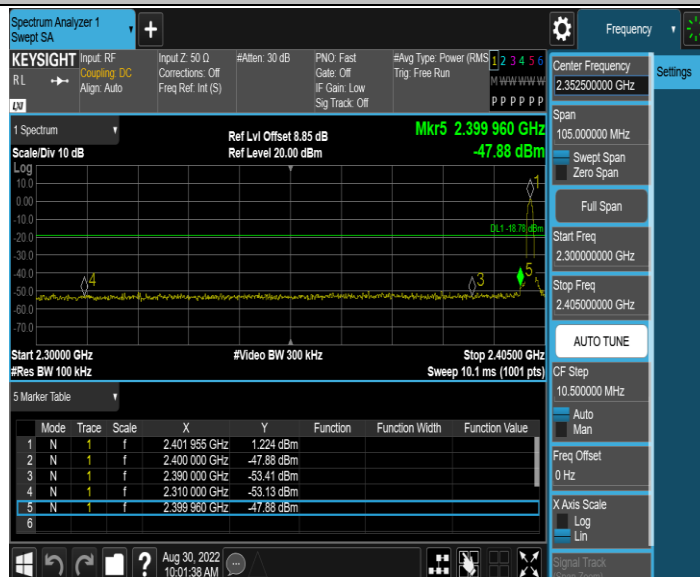
2DH5_Ant1_Low_Hop_2402



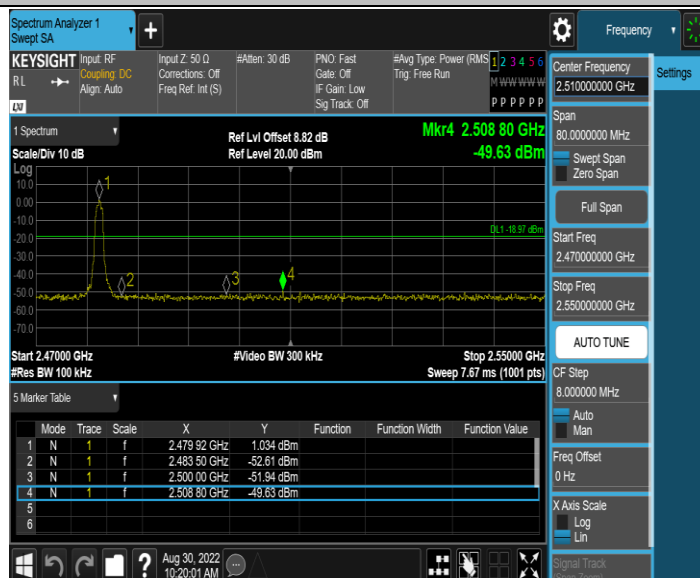
2DH5_Ant1_High_Hop_2480



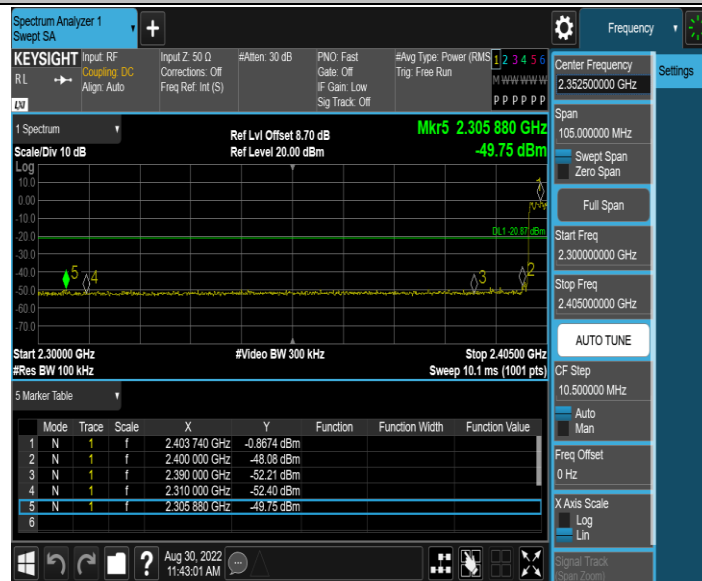
3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

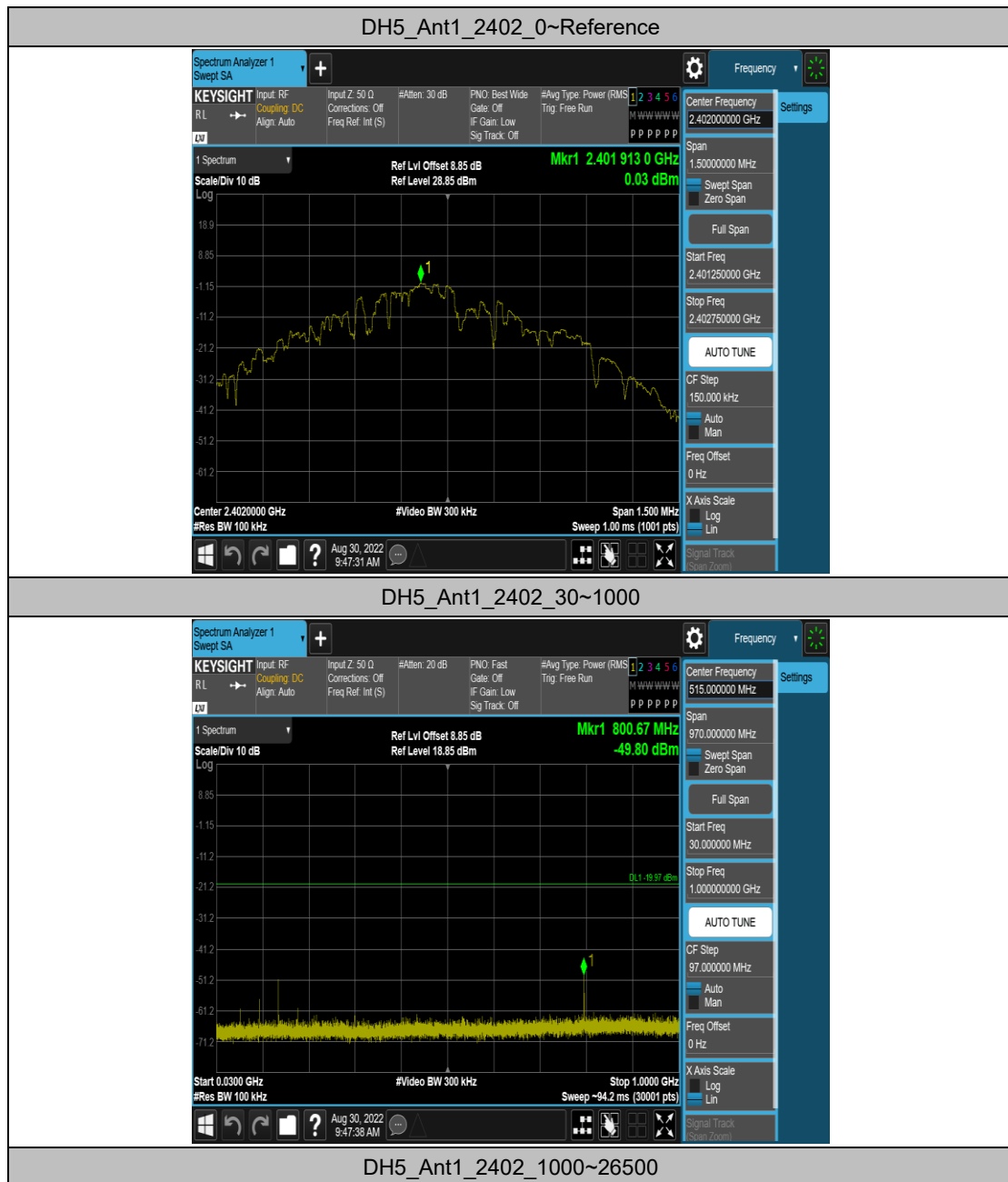


Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.03	0.03	---	PASS
			30~1000	0.03	-49.8	≤-19.97	PASS
			1000~26500	0.03	-53.59	≤-19.97	PASS
		2441	Reference	0.85	0.85	---	PASS
			30~1000	0.85	-49.69	≤-19.15	PASS
			1000~26500	0.85	-53.42	≤-19.15	PASS
		2480	Reference	-0.10	-0.10	---	PASS
			30~1000	-0.10	-49.26	≤-20.1	PASS
			1000~26500	-0.10	-53.1	≤-20.1	PASS
2DH5	Ant1	2402	Reference	-0.69	-0.69	---	PASS
			30~1000	-0.69	-50.75	≤-20.69	PASS
			1000~26500	-0.69	-52.75	≤-20.69	PASS
		2441	Reference	-0.95	-0.95	---	PASS
			30~1000	-0.95	-49.76	≤-20.95	PASS
			1000~26500	-0.95	-52.64	≤-20.95	PASS
		2480	Reference	-1.63	-1.63	---	PASS
			30~1000	-1.63	-50.12	≤-21.63	PASS
			1000~26500	-1.63	-52.96	≤-21.63	PASS
3DH5	Ant1	2402	Reference	-3.82	-3.82	---	PASS
			30~1000	-3.82	-50.89	≤-23.82	PASS
			1000~26500	-3.82	-52.91	≤-23.82	PASS
		2441	Reference	0.37	0.37	---	PASS
			30~1000	0.37	-51.21	≤-19.63	PASS
			1000~26500	0.37	-52.78	≤-19.63	PASS
		2480	Reference	-1.72	-1.72	---	PASS
			30~1000	-1.72	-50.69	≤-21.72	PASS
			1000~26500	-1.72	-53.01	≤-21.72	PASS

Test Graphs





DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

