

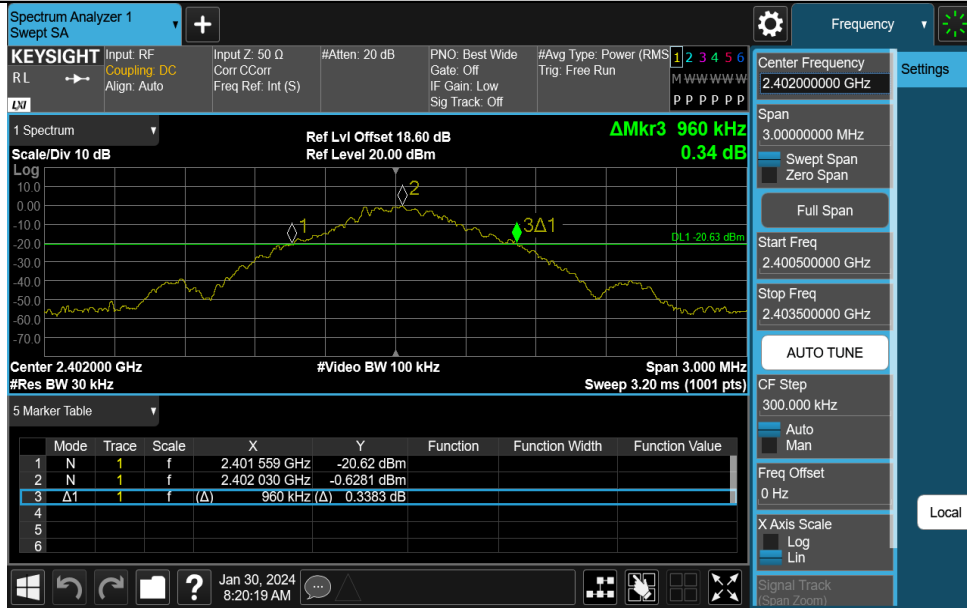
13.APPENDIX

Appendix A: 20dB Emission Bandwidth Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.960	2401.559	2402.519	---	---
DH5	Ant1	2441	1.005	2440.517	2441.522	---	---
DH5	Ant1	2480	0.996	2479.529	2480.525	---	---
2DH5	Ant1	2402	1.281	2401.400	2402.681	---	---
2DH5	Ant1	2441	1.275	2440.412	2441.687	---	---
2DH5	Ant1	2480	1.314	2479.370	2480.684	---	---

Test Graphs

DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480



Appendix B: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.14	≤ 20.97	PASS
DH5	Ant1	2441	2.11	≤ 20.97	PASS
DH5	Ant1	2480	2.30	≤ 20.97	PASS
2DH5	Ant1	2402	2.91	≤ 20.97	PASS
2DH5	Ant1	2441	2.99	≤ 20.97	PASS
2DH5	Ant1	2480	3.07	≤ 20.97	PASS

Test Graphs

DH5-Ant1-2402-PASS



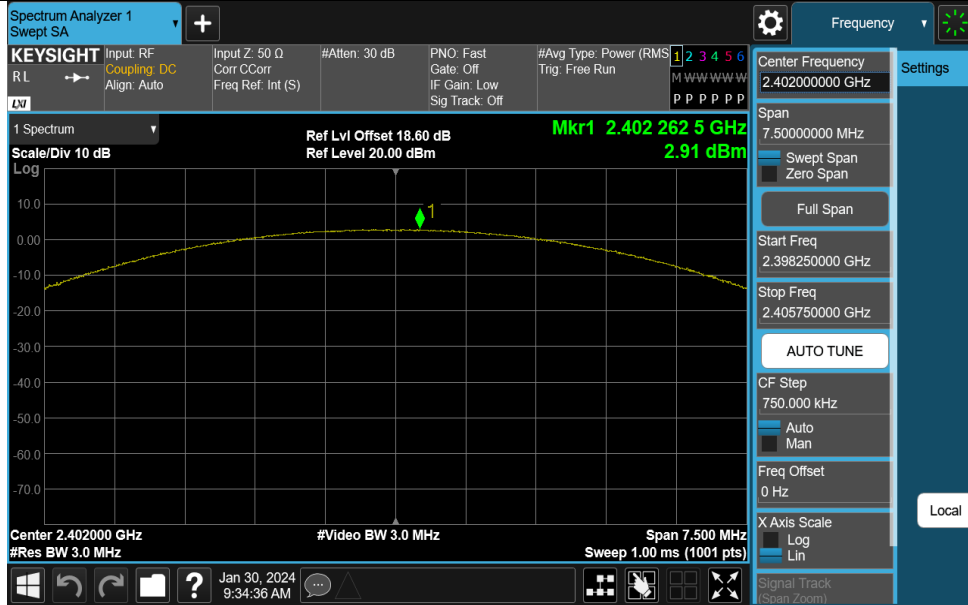
DH5-Ant1-2441-PASS



DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS



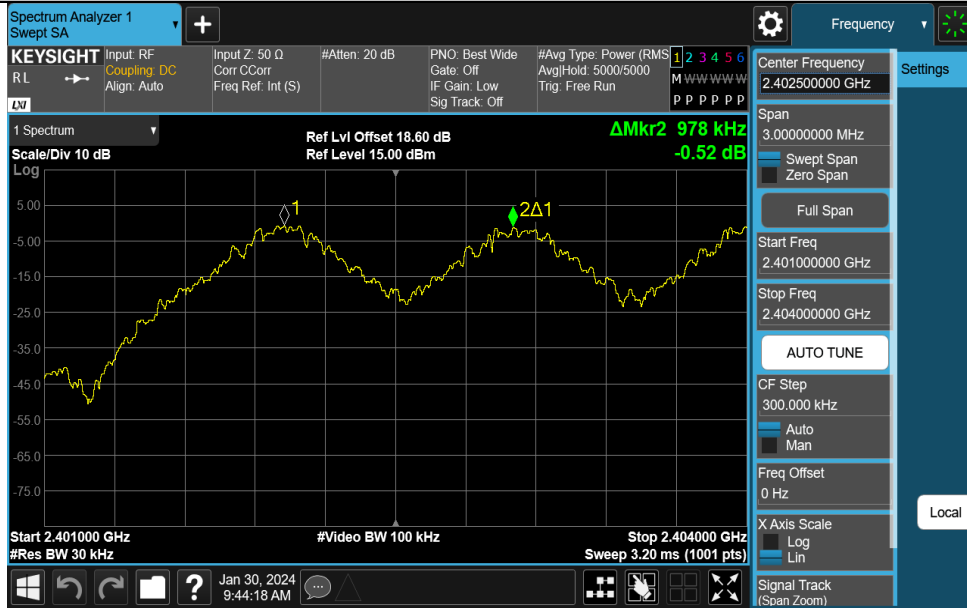
Appendix C: Carrier frequency separation

Test Result

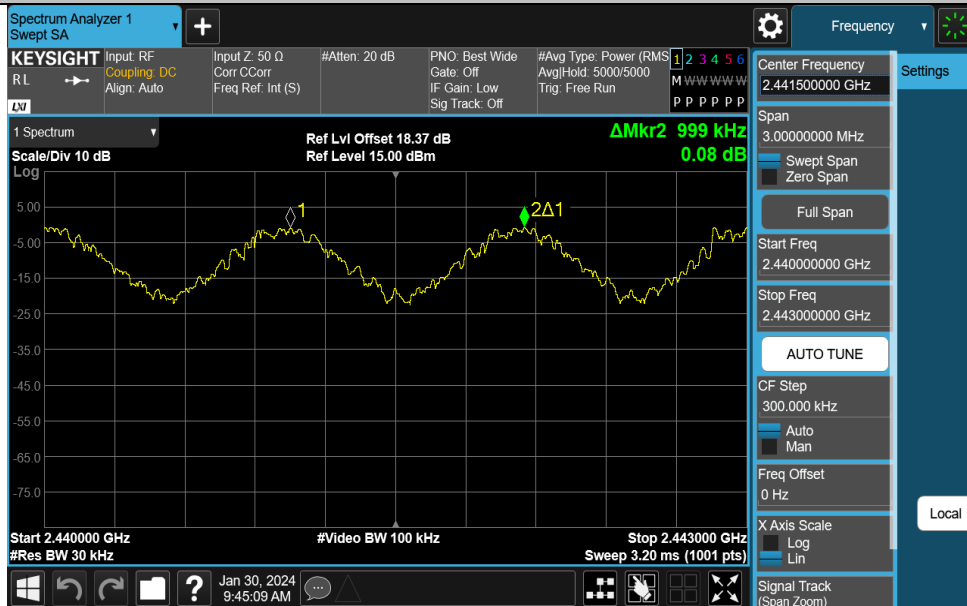
TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.978	≥ 0.670	PASS
DH5	Ant1	2441	0.999	≥ 0.670	PASS
DH5	Ant1	2480	0.843	≥ 0.670	PASS
2DH5	Ant1	2402	1.155	≥ 0.876	PASS
2DH5	Ant1	2441	0.996	≥ 0.876	PASS
2DH5	Ant1	2480	1.104	≥ 0.876	PASS

Test Graphs

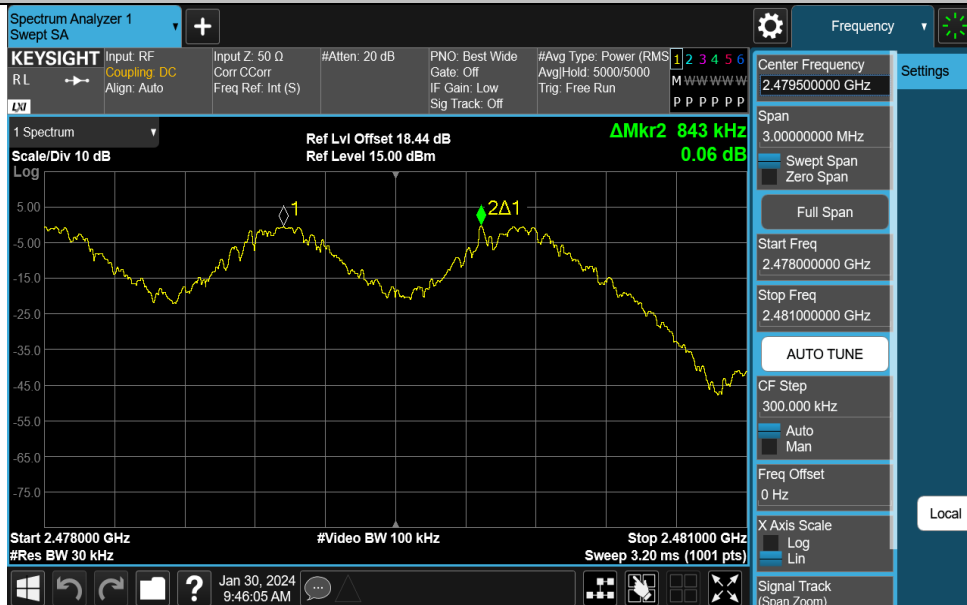
DH5-Ant1-2402-PASS



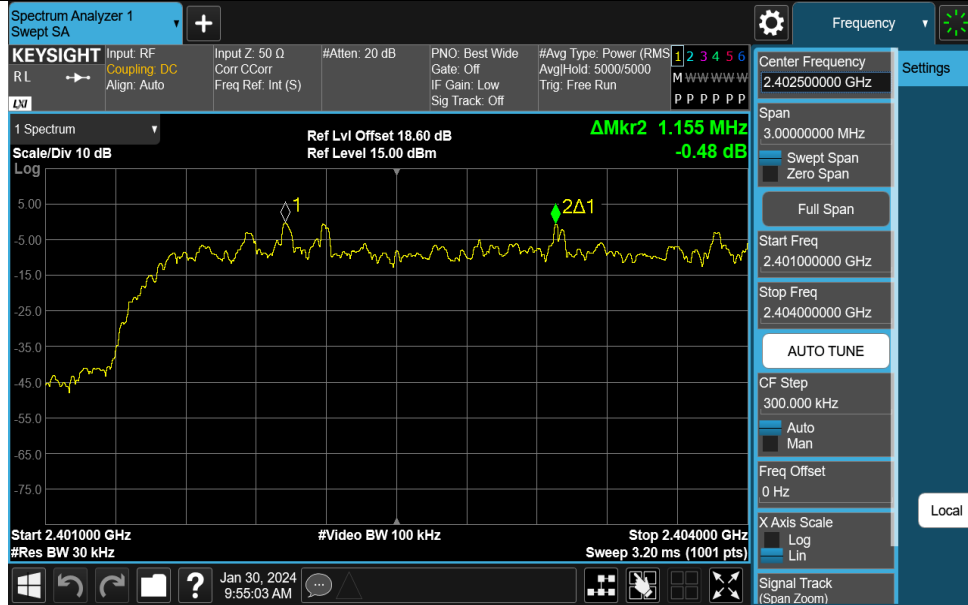
DH5-Ant1-2441-PASS



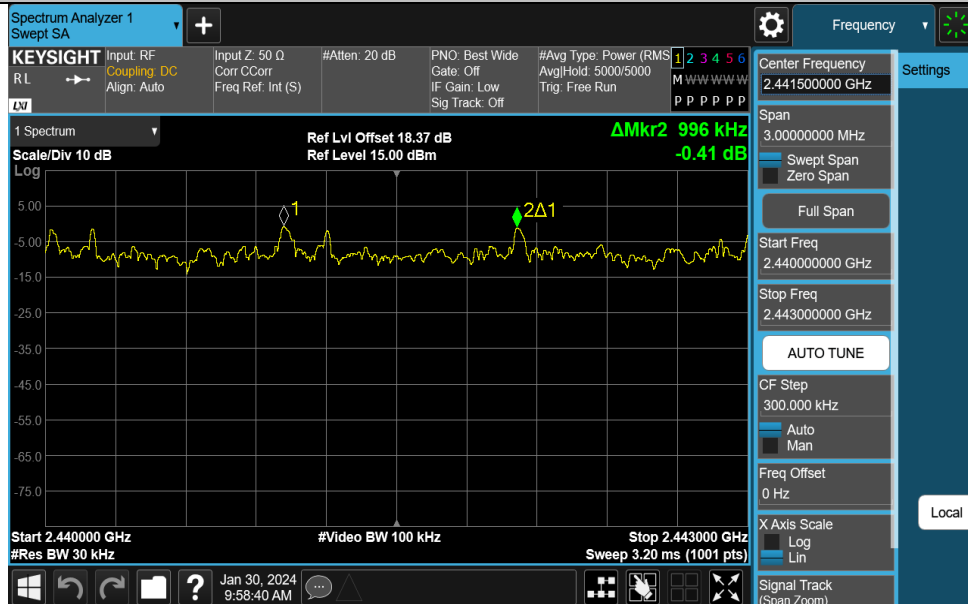
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS

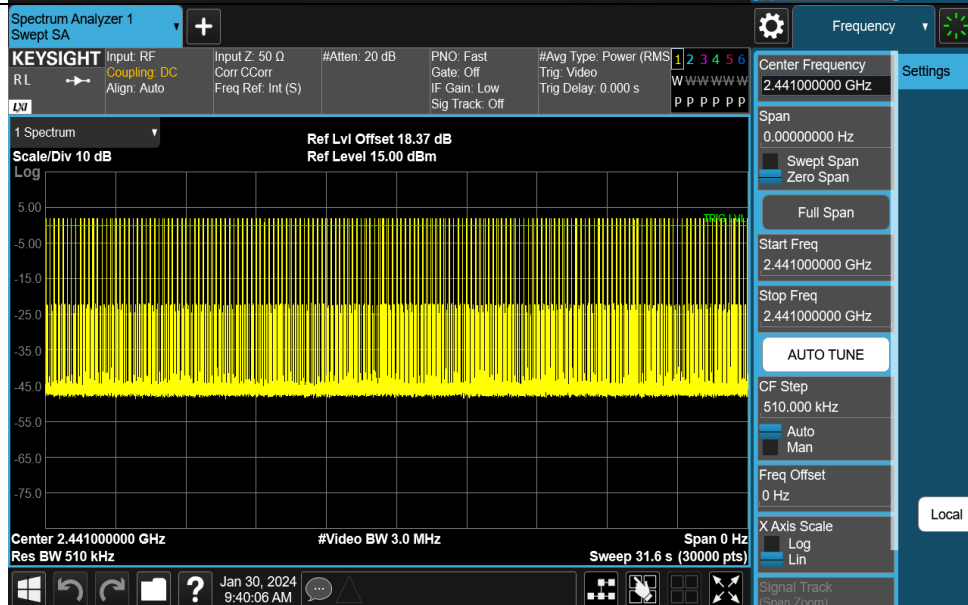


Appendix D: Time of occupancy Test Result

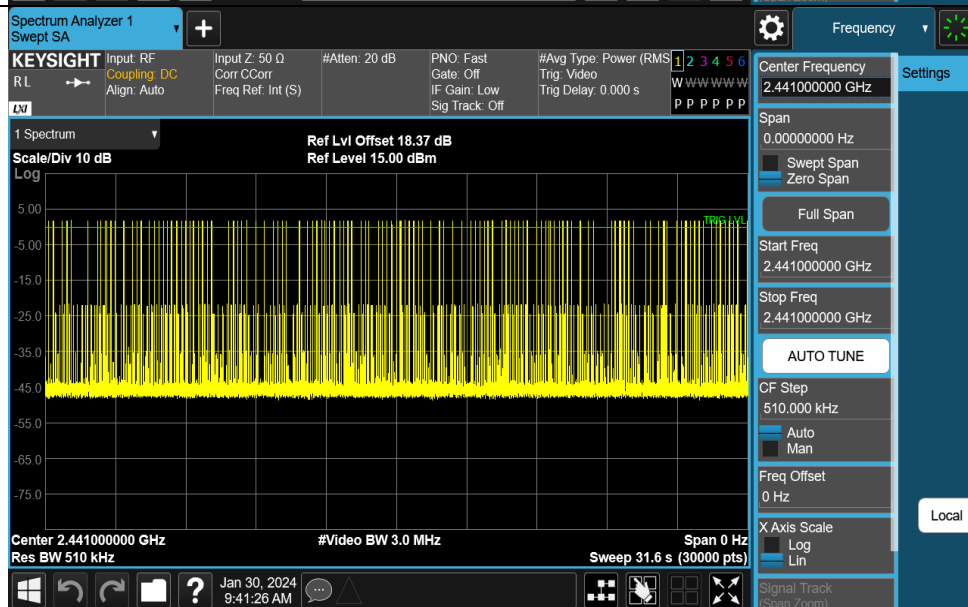
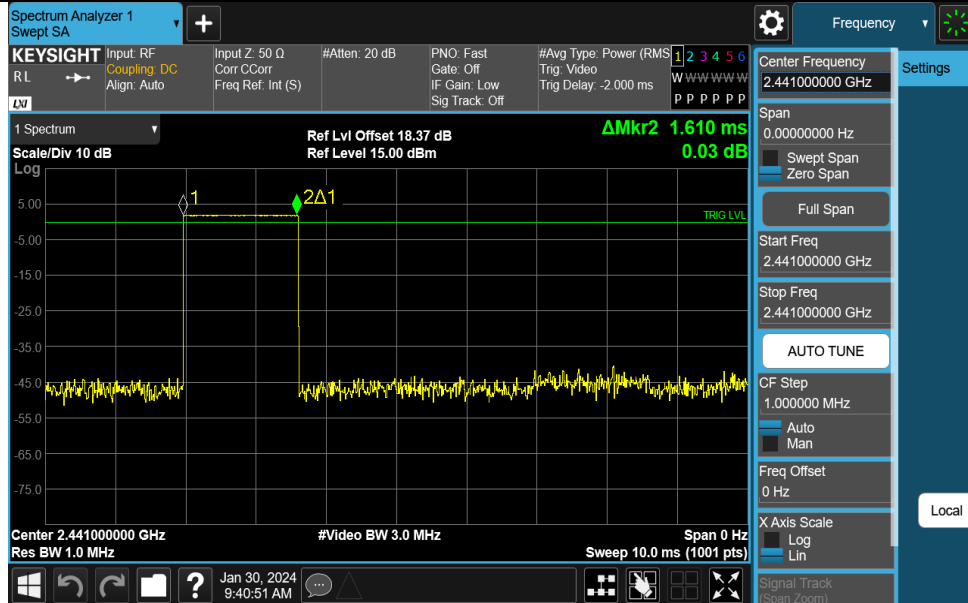
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.372	318	0.118	≤0.4	PASS
DH3	Ant1	Hop	1.610	165	0.266	≤0.4	PASS
DH5	Ant1	Hop	2.860	116	0.332	≤0.4	PASS
2DH1	Ant1	Hop	0.383	320	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.620	159	0.258	≤0.4	PASS
2DH5	Ant1	Hop	2.870	107	0.307	≤0.4	PASS

Test Graphs

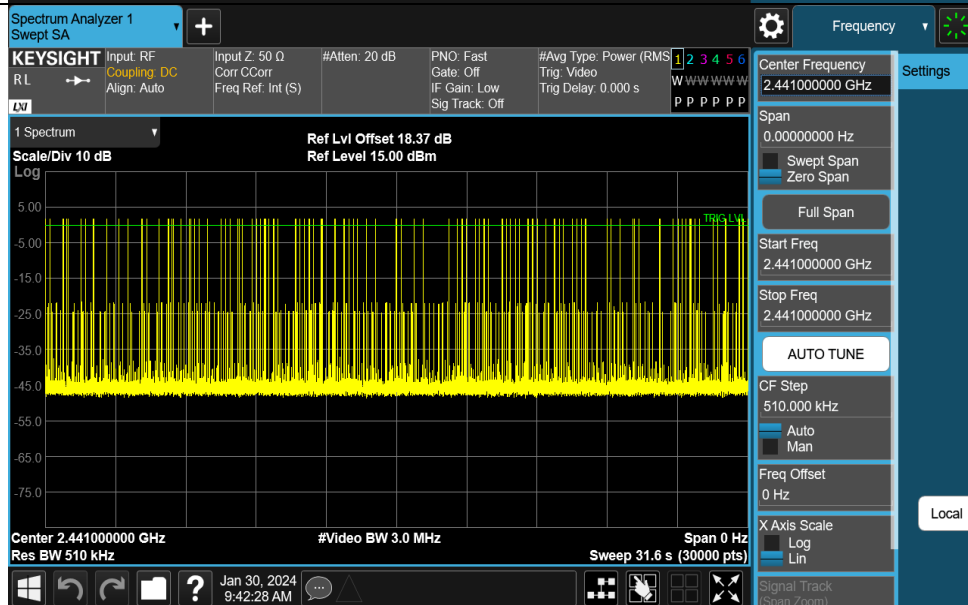
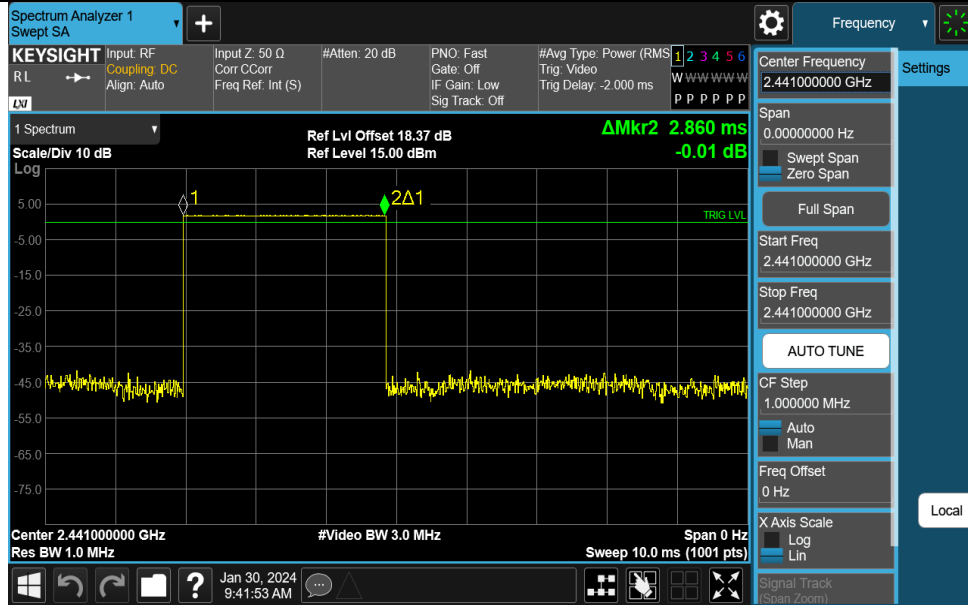
DH1-Ant1-Hop-PASS



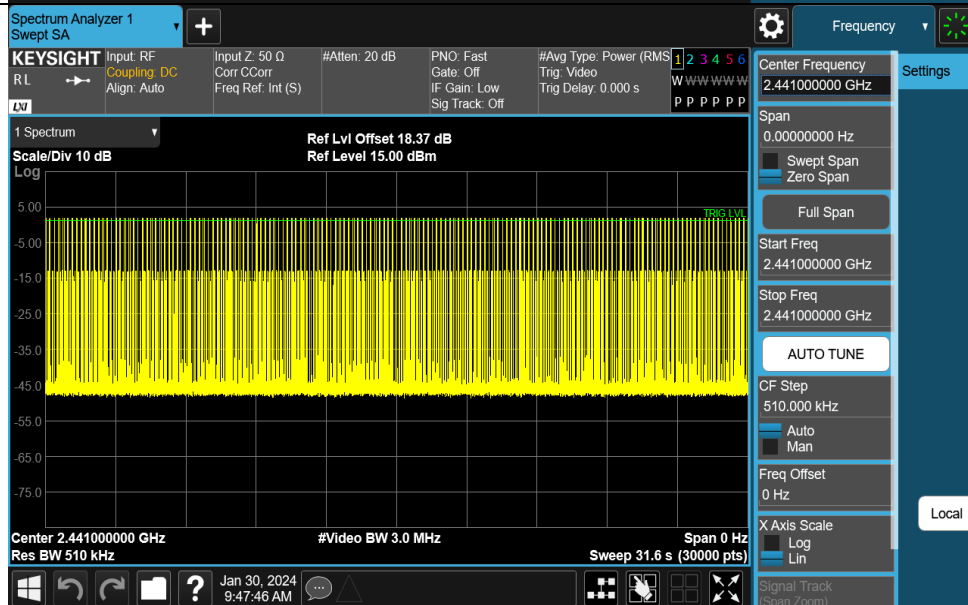
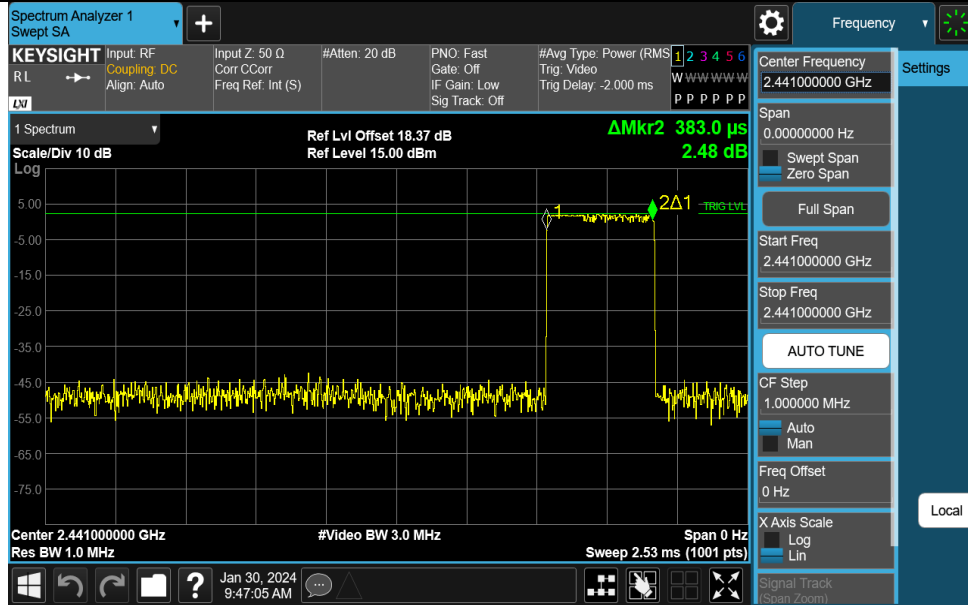
DH3-Ant1-Hop-PASS



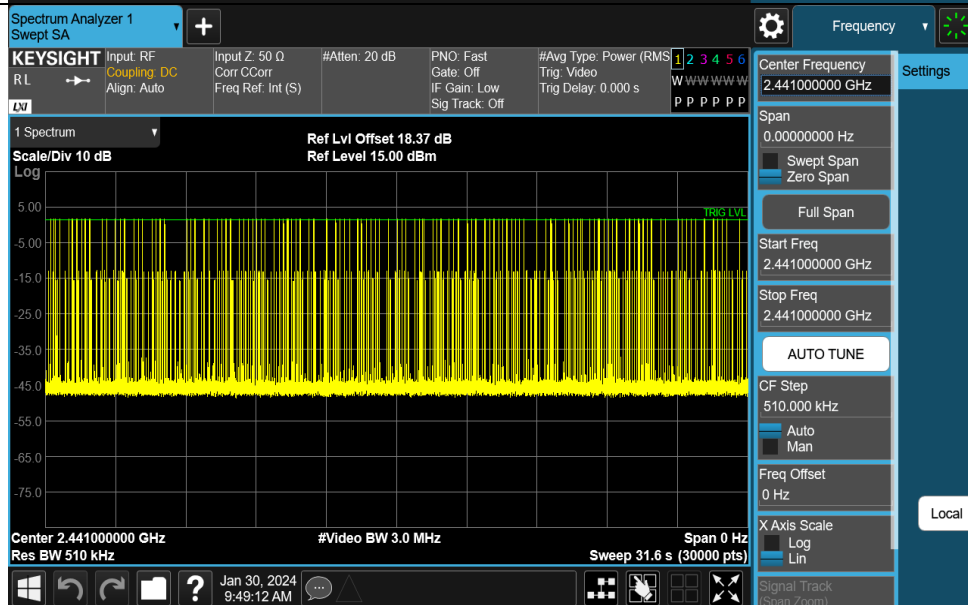
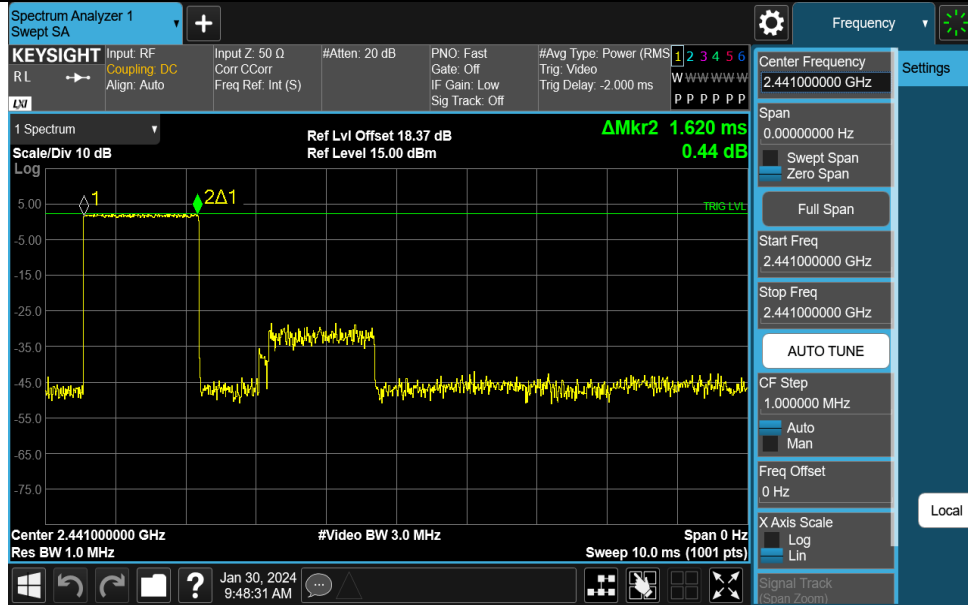
DH5-Ant1-Hop-PASS



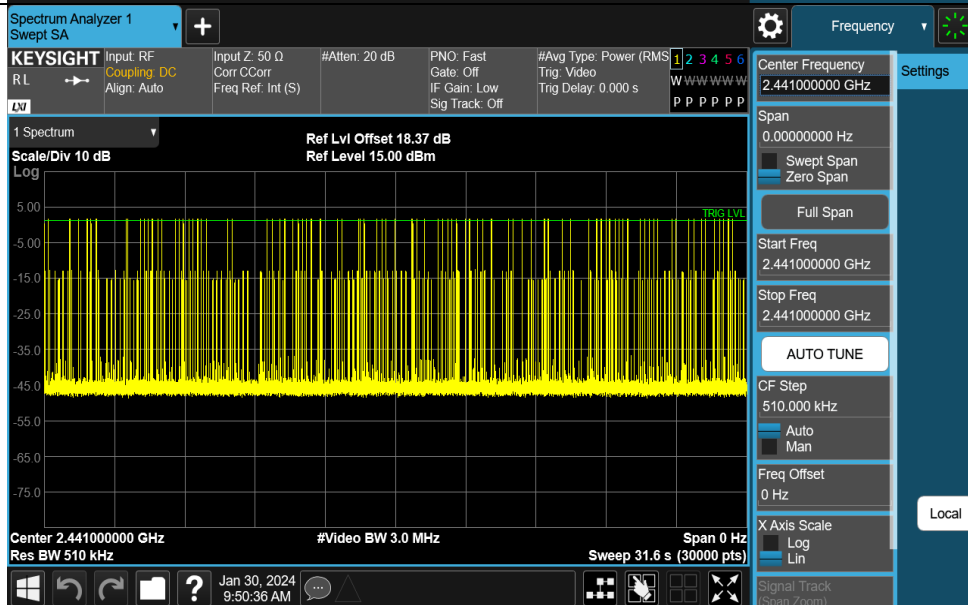
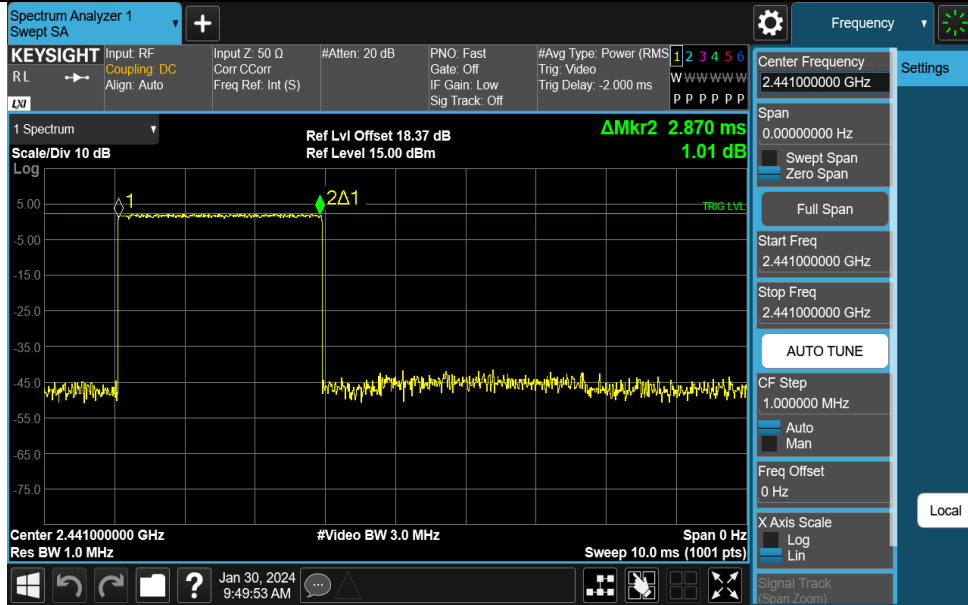
2DH1-Ant1-Hop-PASS



2DH3-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



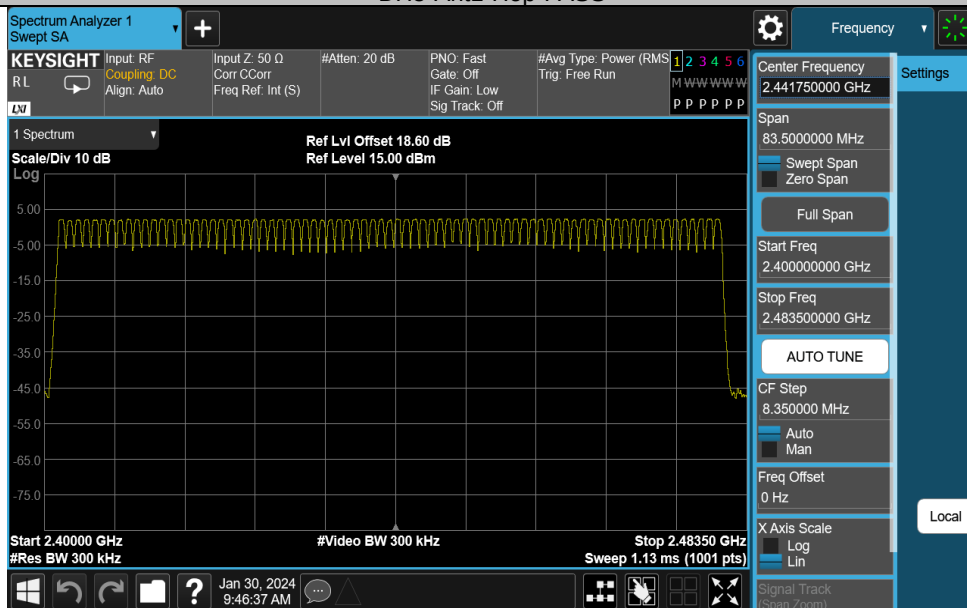
Appendix E: Number of hopping channels

Test Result

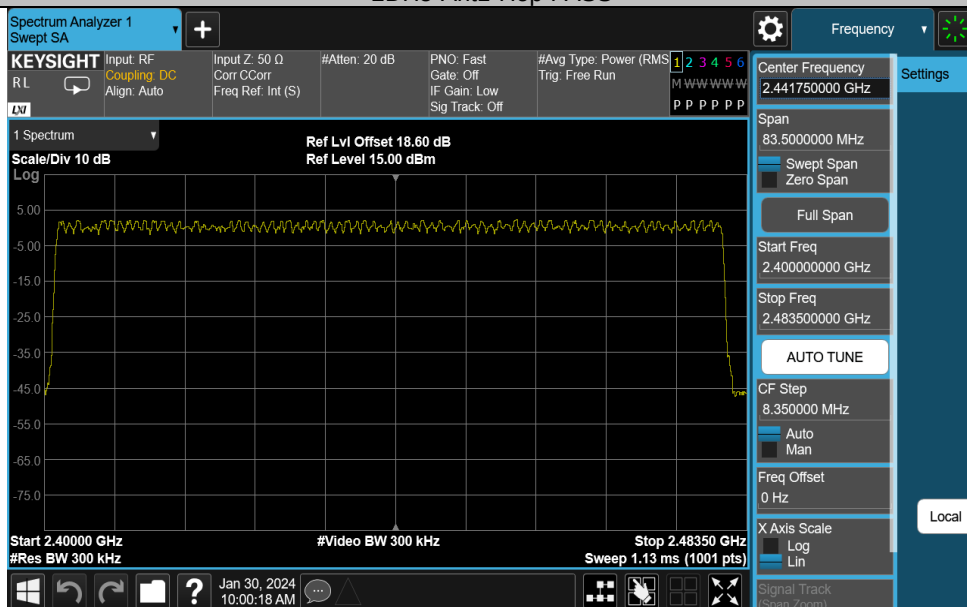
TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



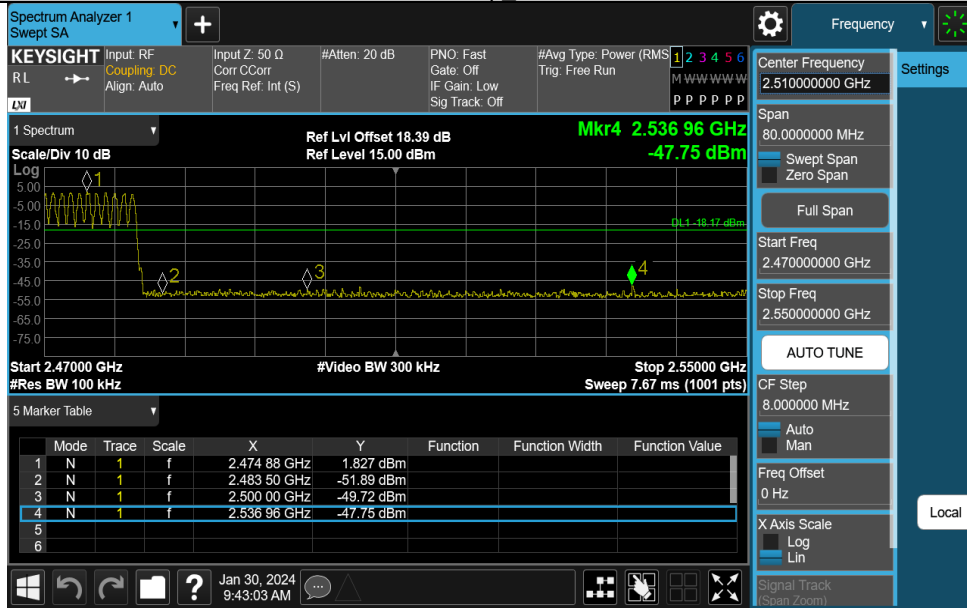
Appendix F: Band edge measurements

Test Result

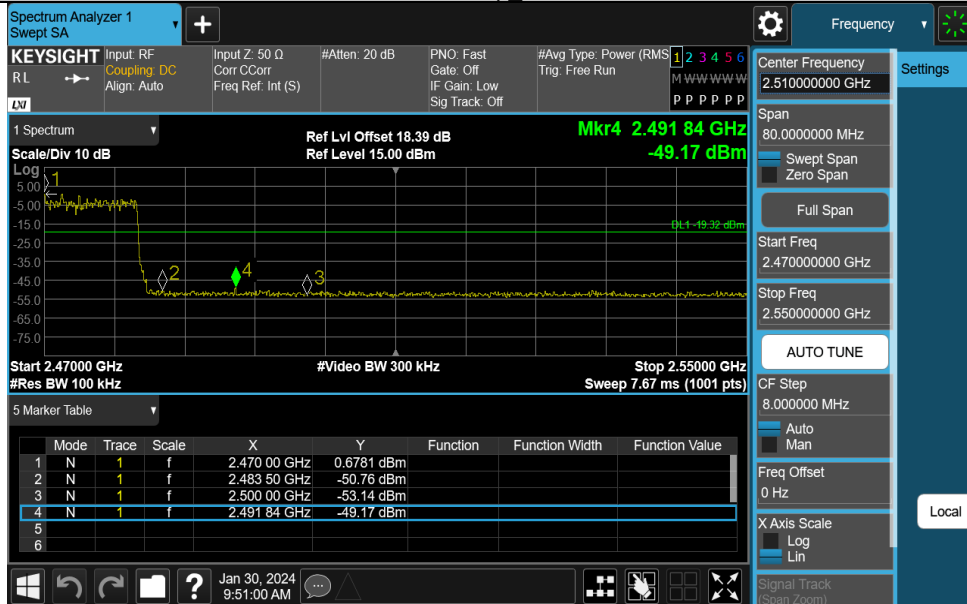
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	High	Hop_2480	1.83	-47.75	≤ -18.17	PASS
2DH5	Ant1	High	Hop_2480	0.68	-49.17	≤ -19.32	PASS
DH5	Ant1	Low	Hop_2402	1.00	-48.47	≤ -19	PASS
2DH5	Ant1	Low	Hop_2402	-1.98	-49.28	≤ -21.98	PASS
DH5	Ant1	High	2480	1.65	-50.14	≤ -18.35	PASS
2DH5	Ant1	High	2480	1.90	-50.03	≤ -18.1	PASS
DH5	Ant1	Low	2402	1.78	-48.74	≤ -18.22	PASS
2DH5	Ant1	Low	2402	1.64	-46.95	≤ -18.36	PASS

Test Graphs

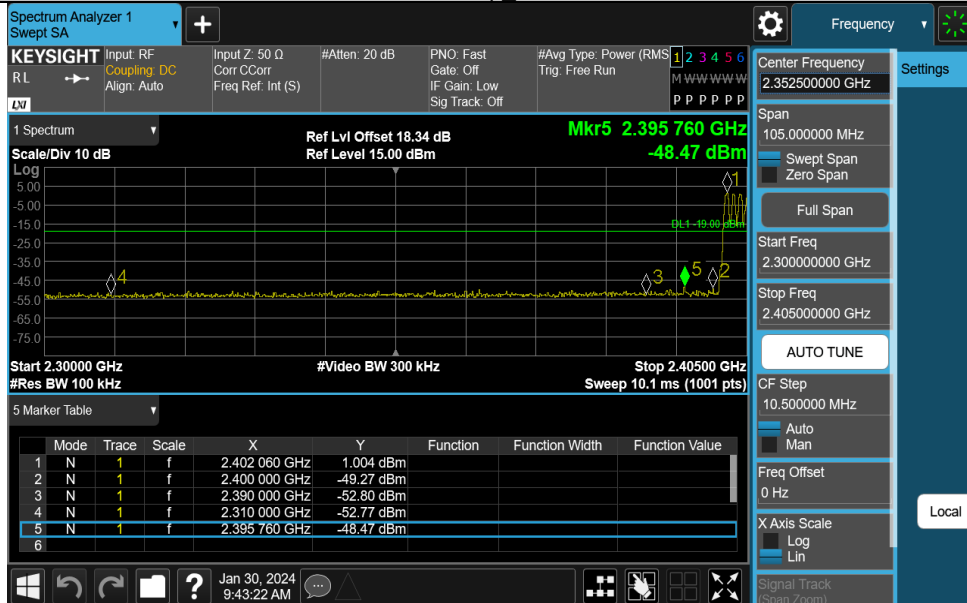
DH5-Ant1-Hop 2480-PASS



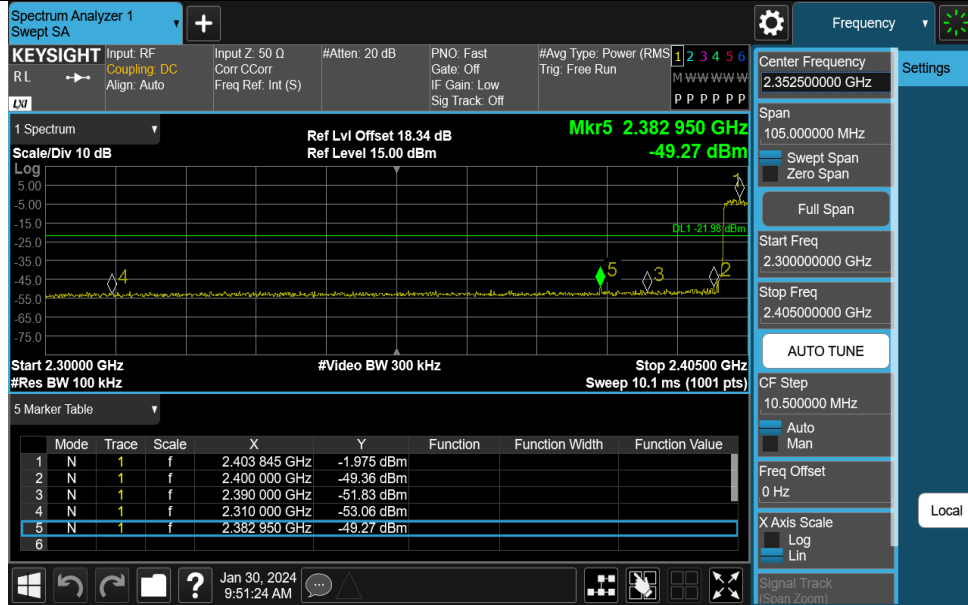
2DH5-Ant1-Hop 2480-PASS



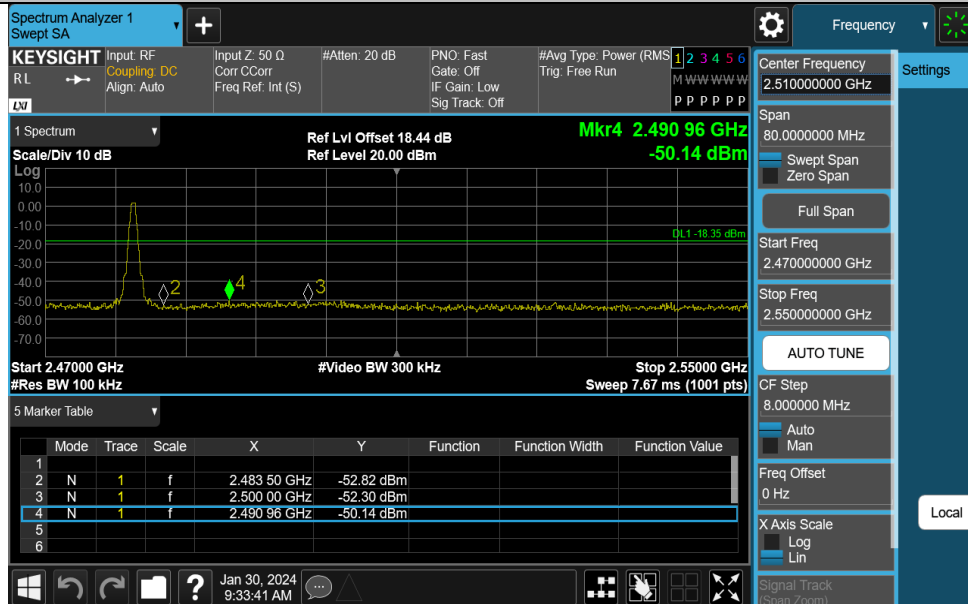
DH5-Ant1-Hop 2402-PASS



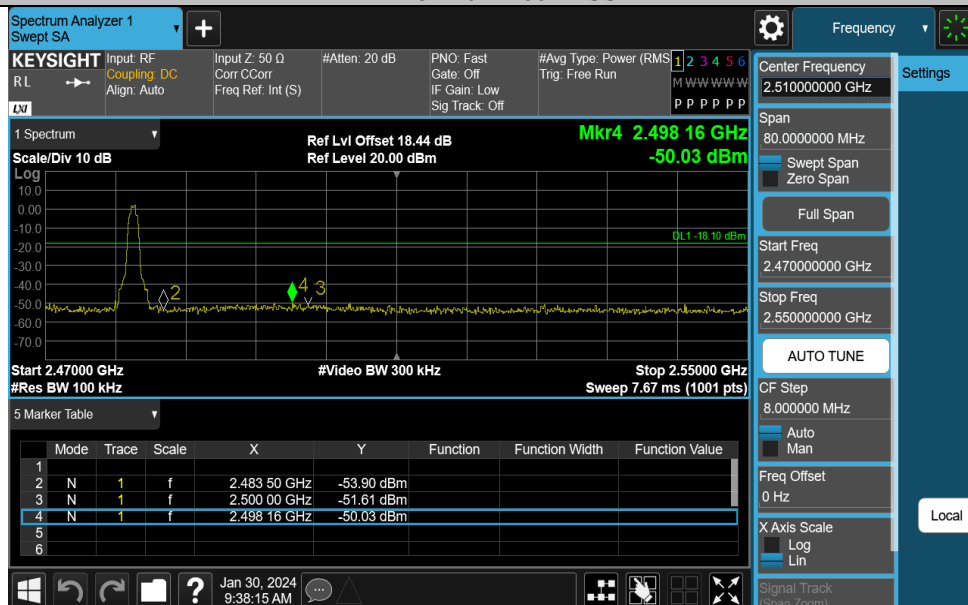
2DH5-Ant1-Hop 2402-PASS



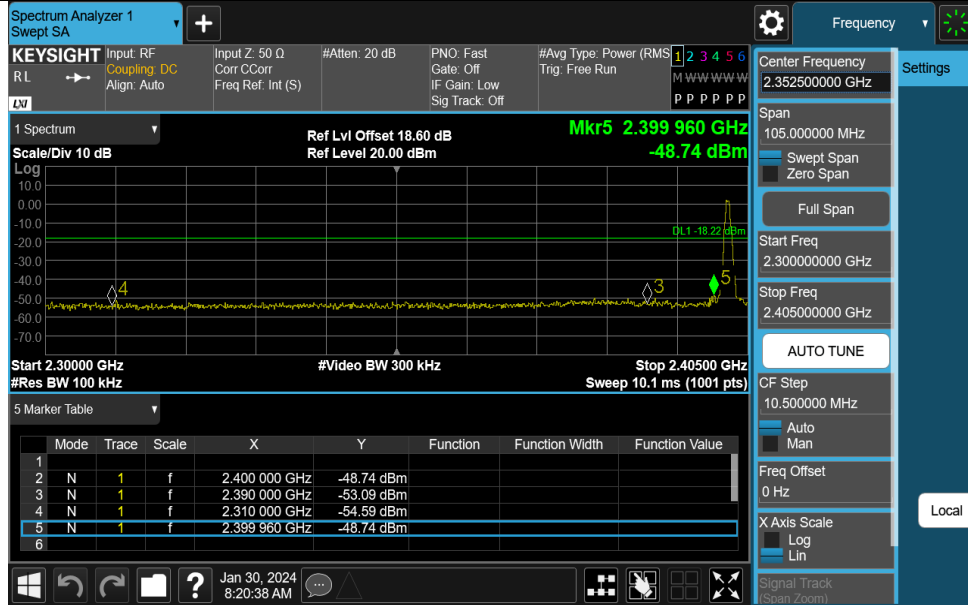
DH5-Ant1-2480-PASS



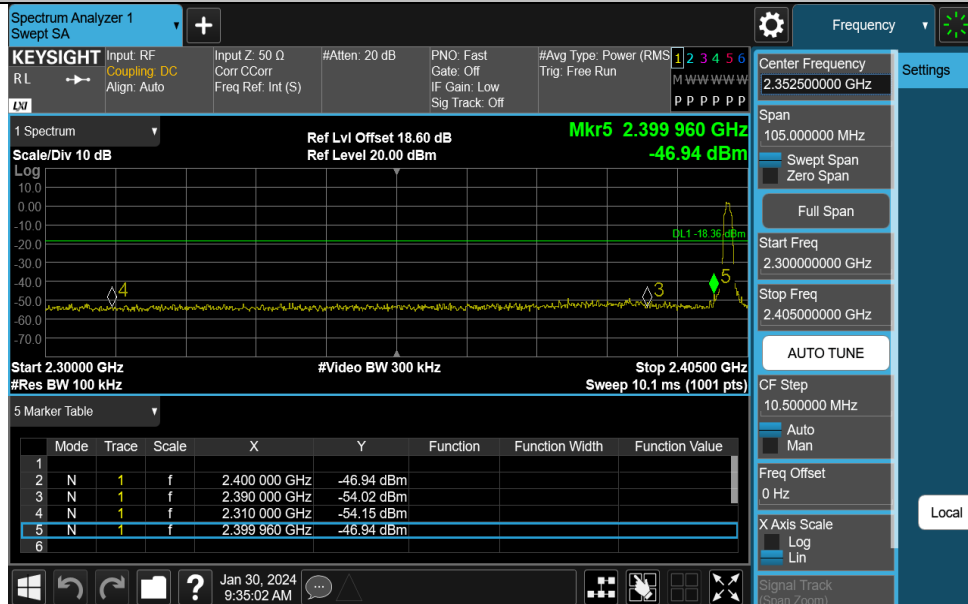
2DH5-Ant1-2480-PASS



DH5-Ant1-2402-PASS



2DH5-Ant1-2402-PASS

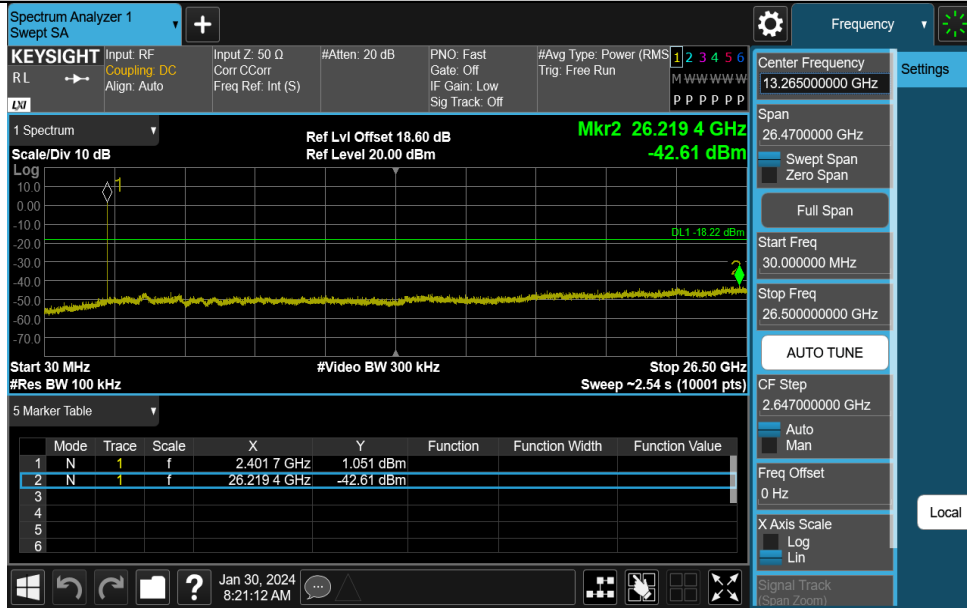


Appendix G: Conducted Spurious Emission Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~26500	1.78	-42.61	≤-18.22	PASS
DH5	Ant1	2441	30~26500	1.34	-42.82	≤-18.66	PASS
DH5	Ant1	2480	30~26500	1.65	-42.88	≤-18.35	PASS
2DH5	Ant1	2402	30~26500	1.64	-41.58	≤-18.36	PASS
2DH5	Ant1	2441	30~26500	1.81	-42.89	≤-18.19	PASS
2DH5	Ant1	2480	30~26500	1.90	-43.15	≤-18.1	PASS

Test Graphs

DH5-Ant1-2402-30~26500-PASS



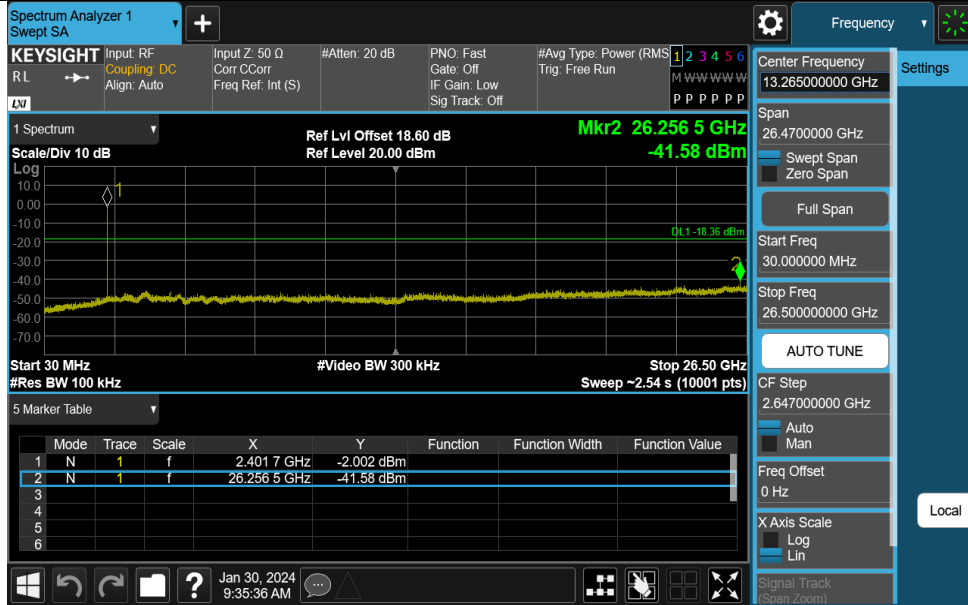
DH5-Ant1-2441-30~26500-PASS



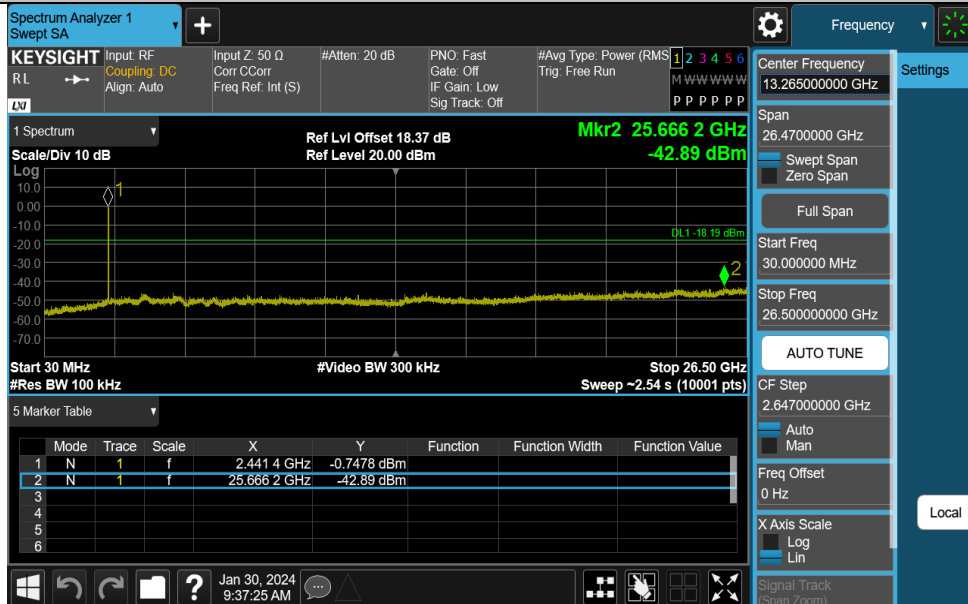
DH5-Ant1-2480-30~26500-PASS



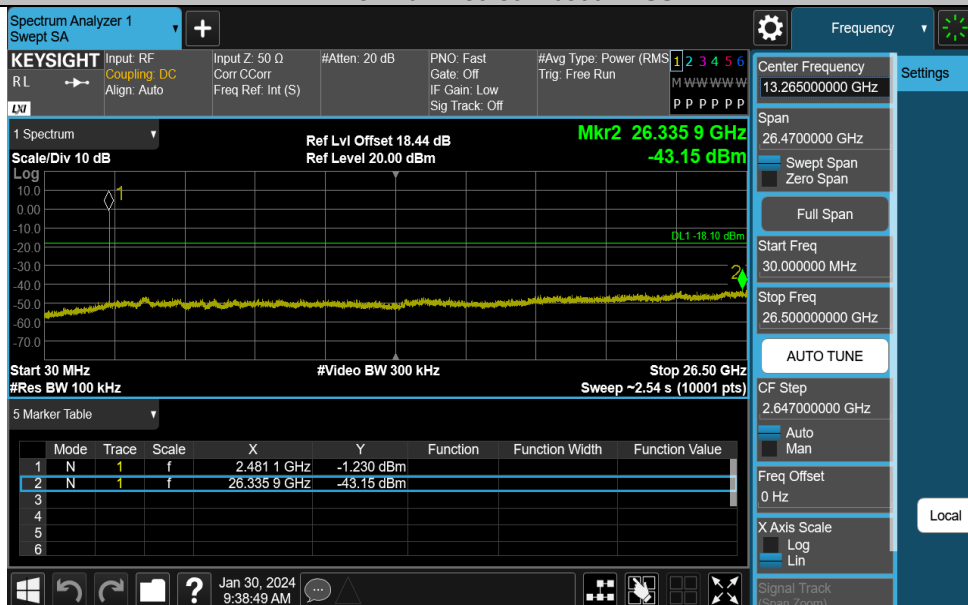
2DH5-Ant1-2402-30~26500-PASS



2DH5-Ant1-2441-30~26500-PASS



2DH5-Ant1-2480-30~26500-PASS



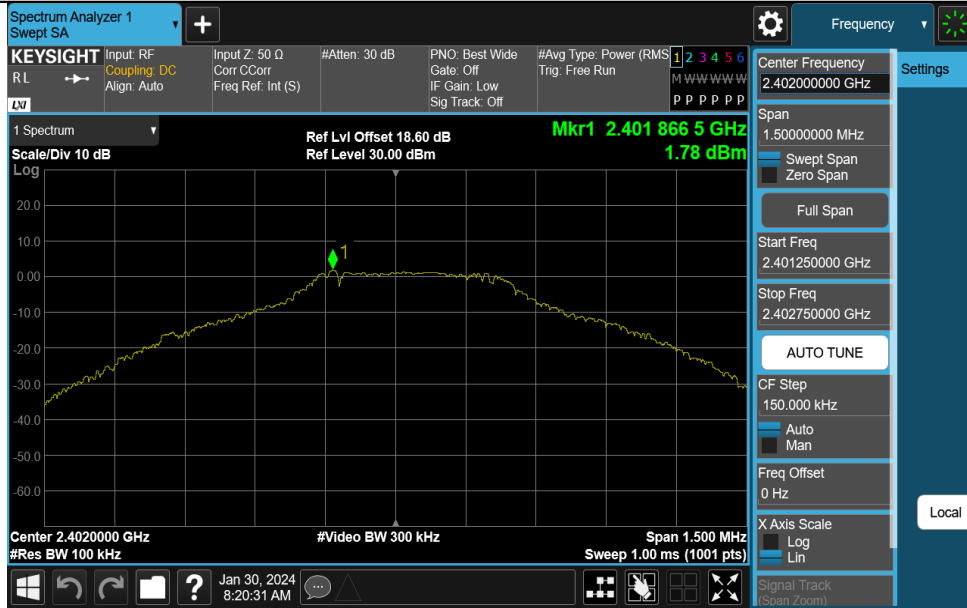


Appendix H: Reference level measurement Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2401.87	1.78
DH5	Ant1	2441	2441.09	1.34
DH5	Ant1	2480	2479.89	1.65
2DH5	Ant1	2402	2401.86	1.64
2DH5	Ant1	2441	2441.19	1.81
2DH5	Ant1	2480	2480.20	1.90

Test Graphs

DH5-Ant1-2402-PASS



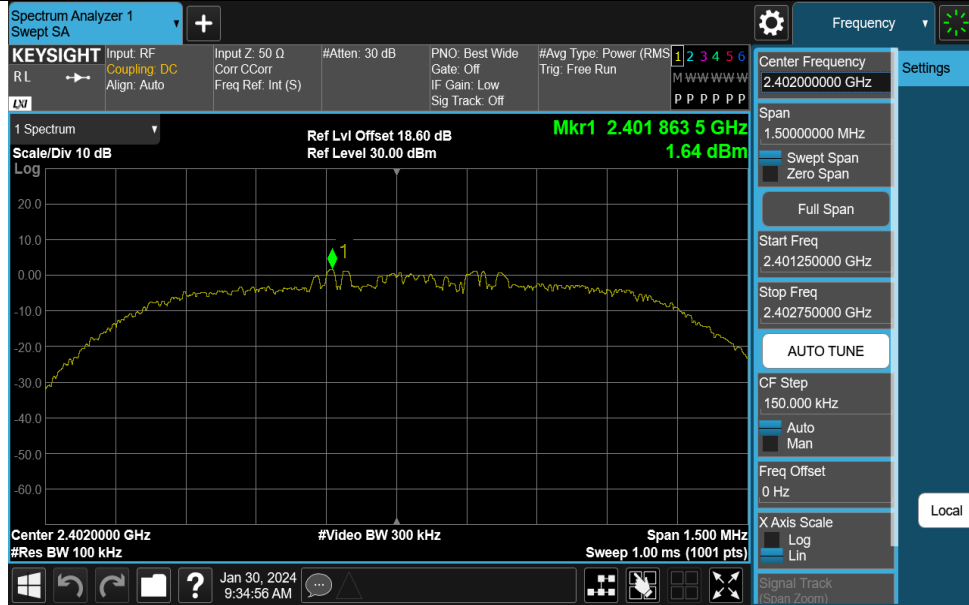
DH5-Ant1-2441-PASS



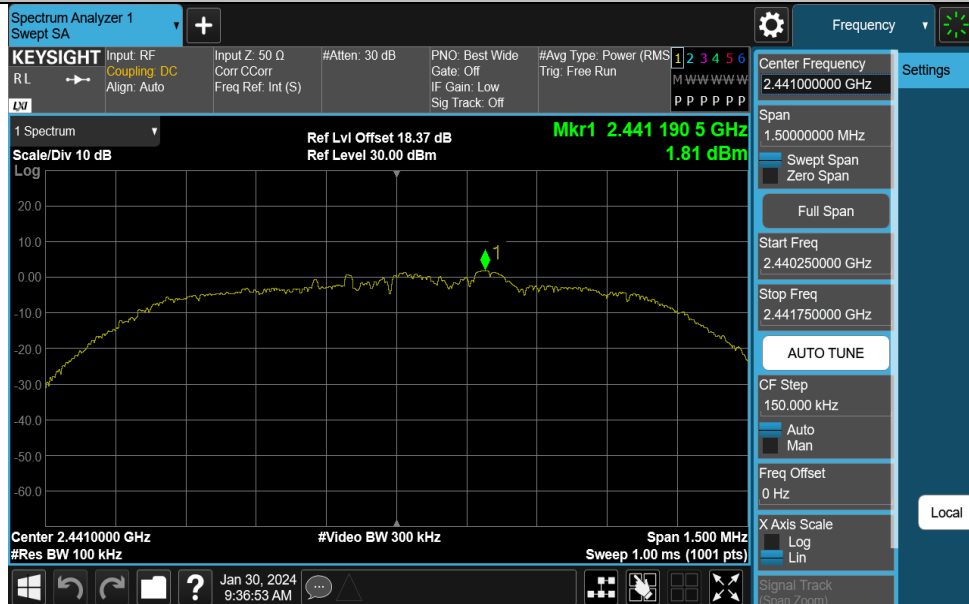
DH5-Ant1-2480-PASS



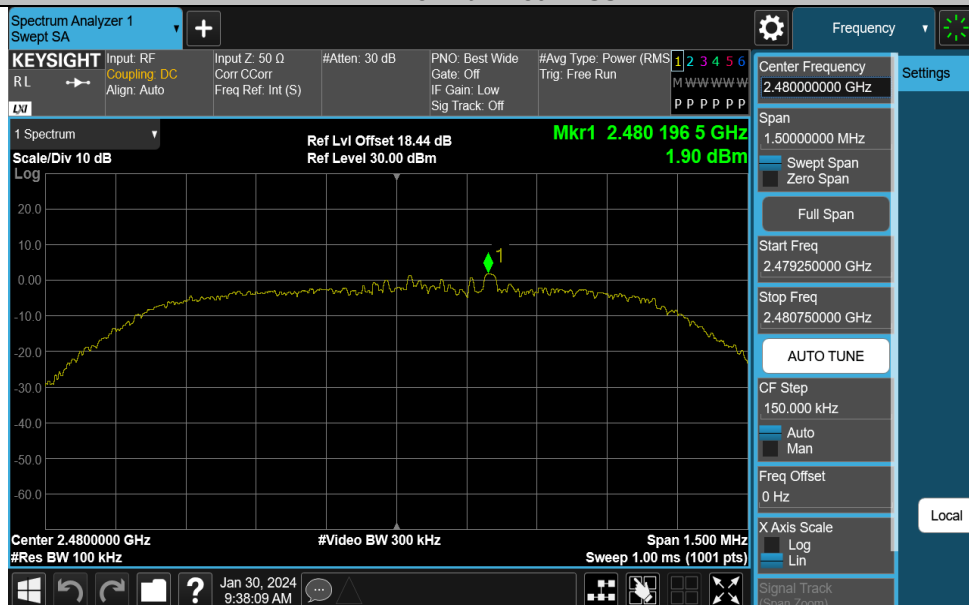
2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS





14. TEST SETUP PHOTO

Refer to report no.: ESTE-R2403032 (Appendix A)

15. EUT PHOTO

Refer to report no.: ESTE-R2403033 (Appendix B) & ESTE-R2403034 (Appendix C)