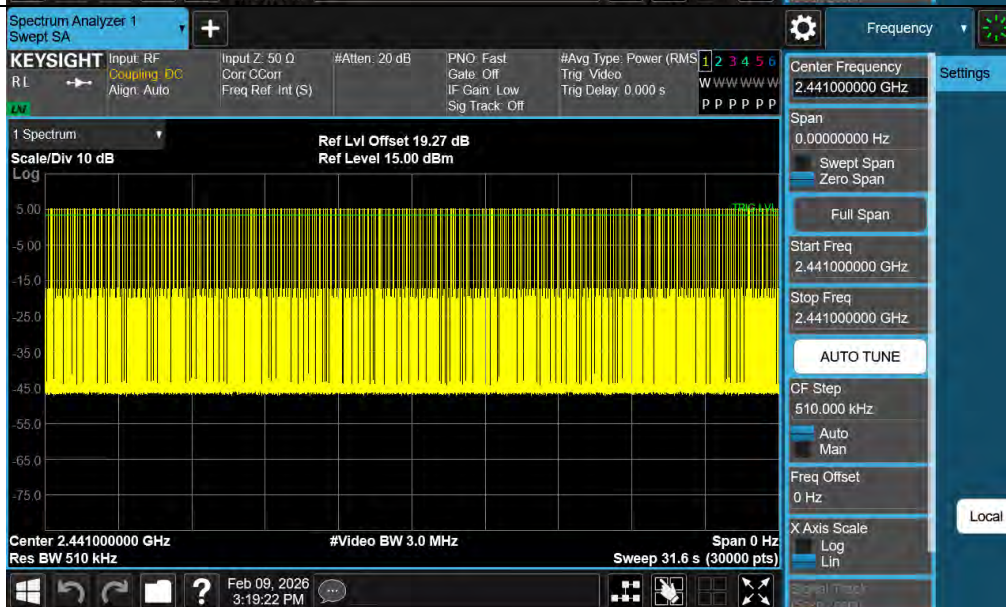
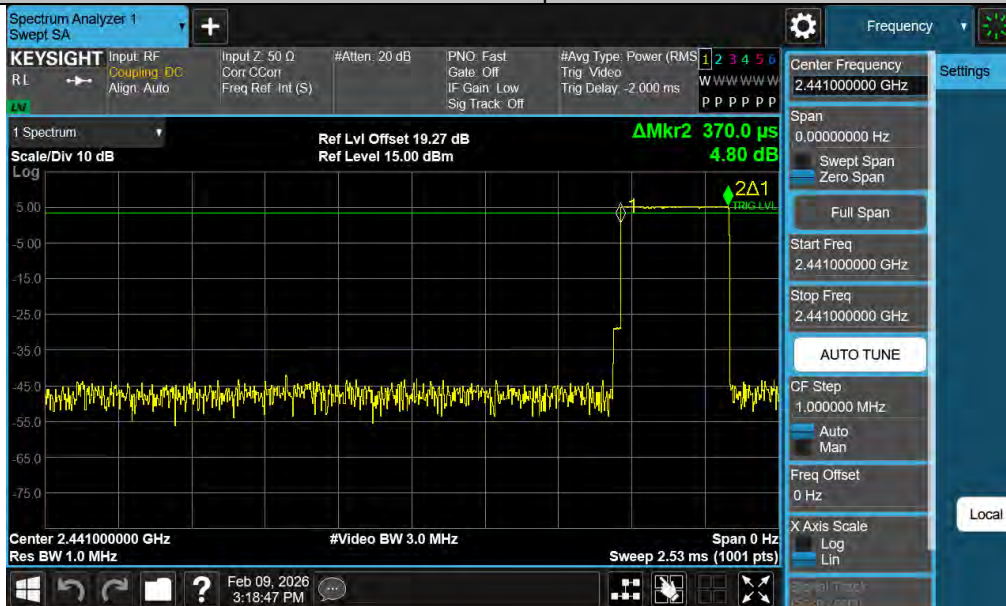


Appendix D: Time of occupancy Test Result

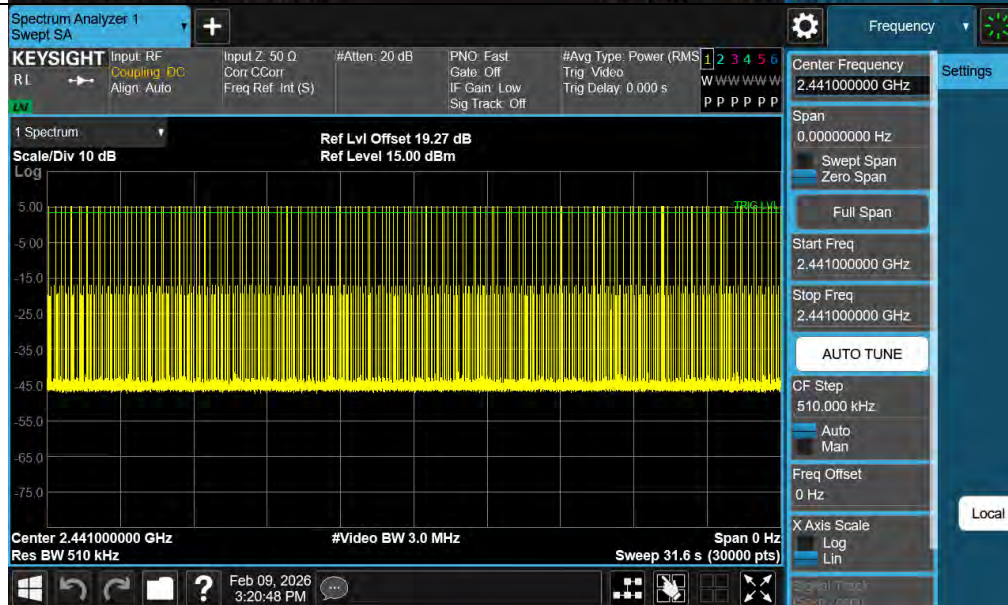
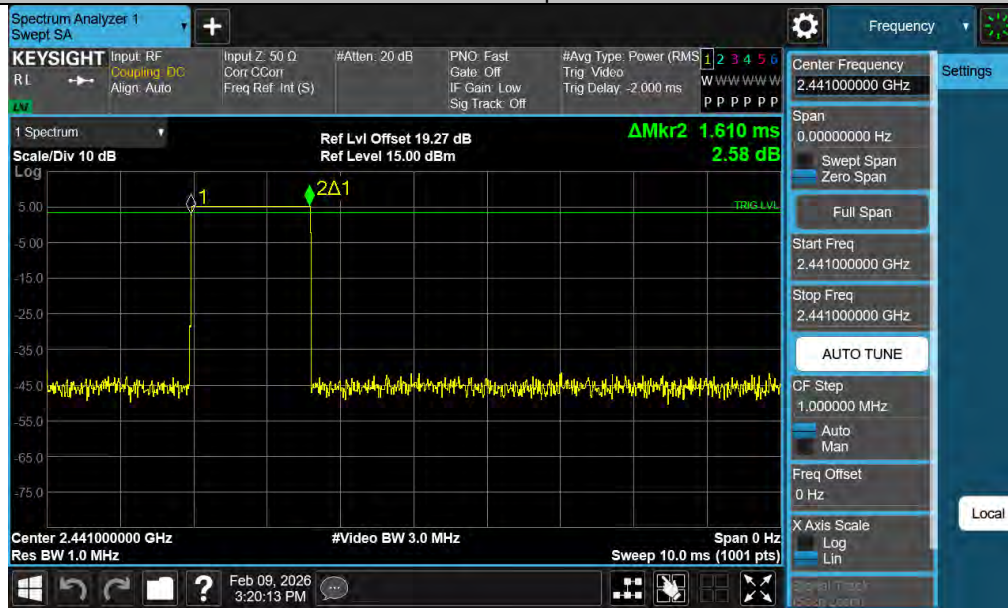
Test Mode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.370	318	0.118	≤0.4	PASS
DH3	Ant1	Hop	1.610	159	0.256	≤0.4	PASS
DH5	Ant1	Hop	2.850	108	0.308	≤0.4	PASS
2DH1	Ant1	Hop	0.375	320	0.120	≤0.4	PASS
2DH3	Ant1	Hop	1.610	159	0.256	≤0.4	PASS
2DH5	Ant1	Hop	2.870	108	0.310	≤0.4	PASS
3DH1	Ant1	Hop	0.375	318	0.119	≤0.4	PASS
3DH3	Ant1	Hop	1.610	159	0.256	≤0.4	PASS
3DH5	Ant1	Hop	2.860	108	0.309	≤0.4	PASS

Test Graphs

DH1-Ant1-Hop-PASS



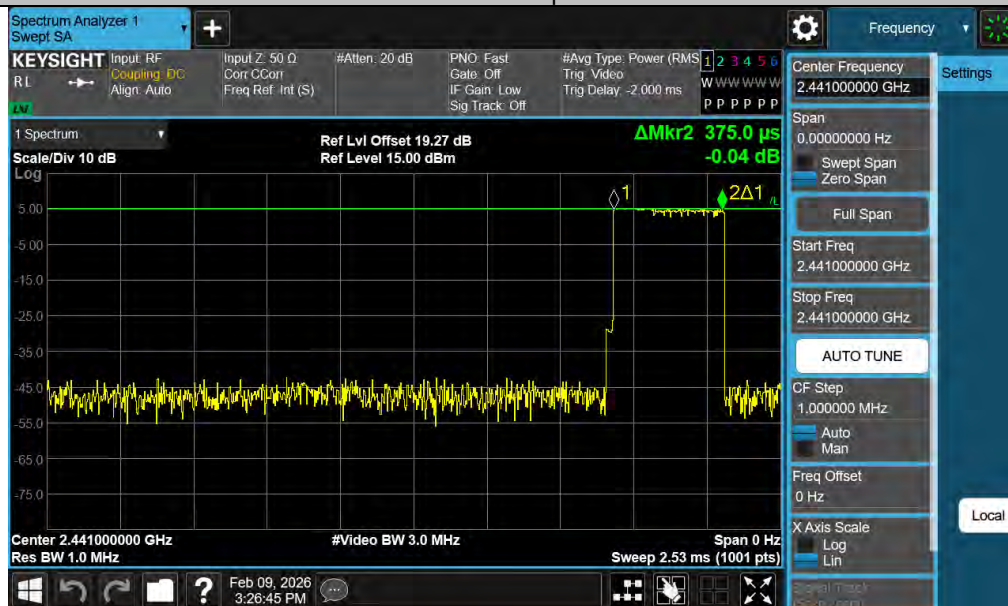
DH3-Ant1-Hop-PASS



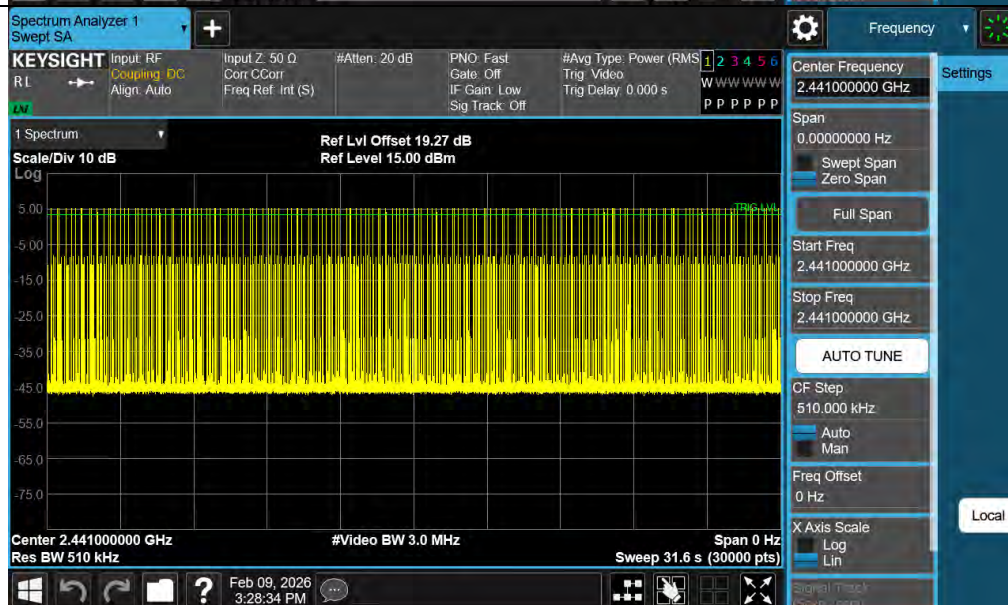
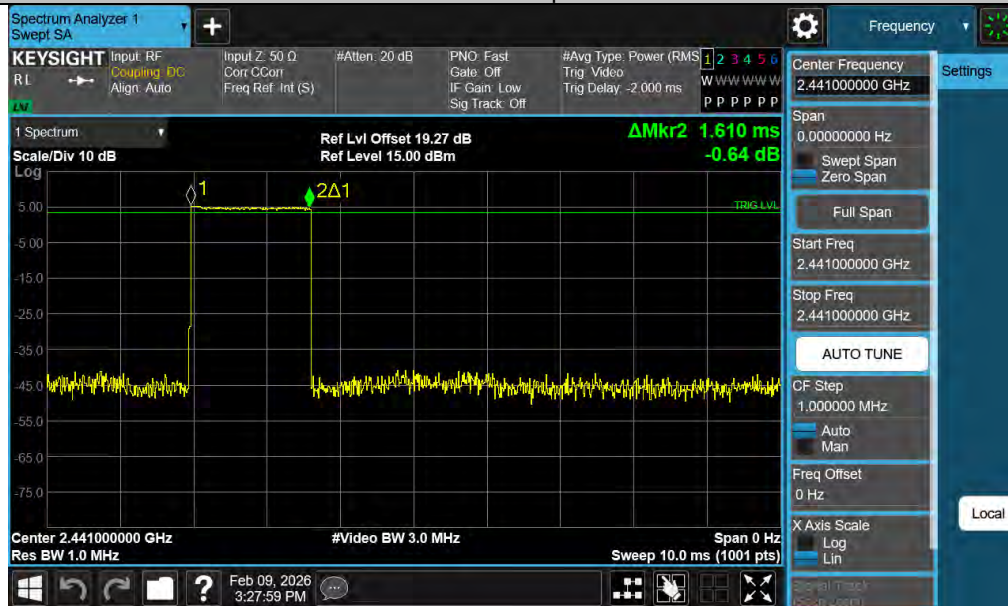
DH5-Ant1-Hop-PASS



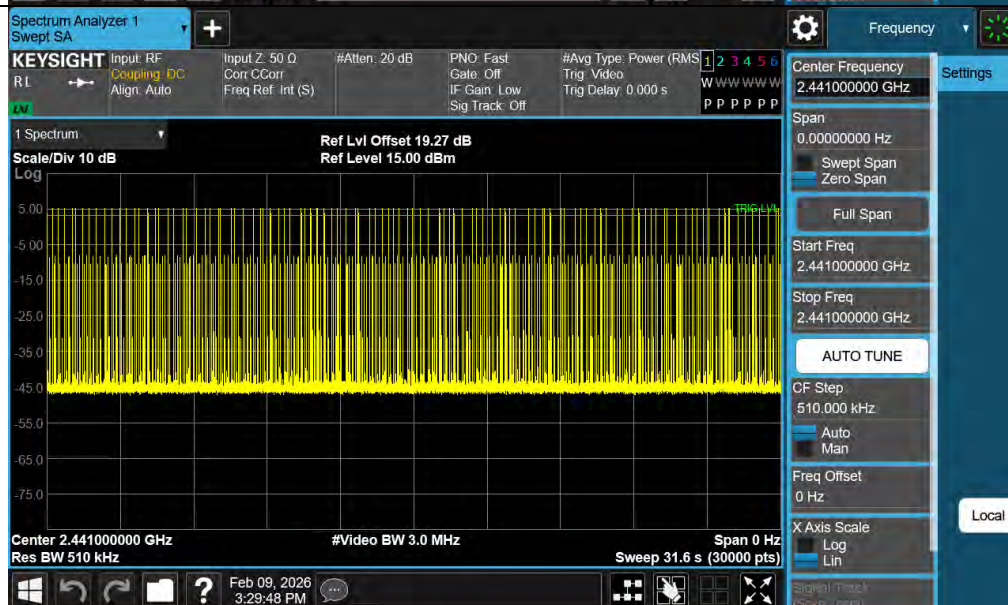
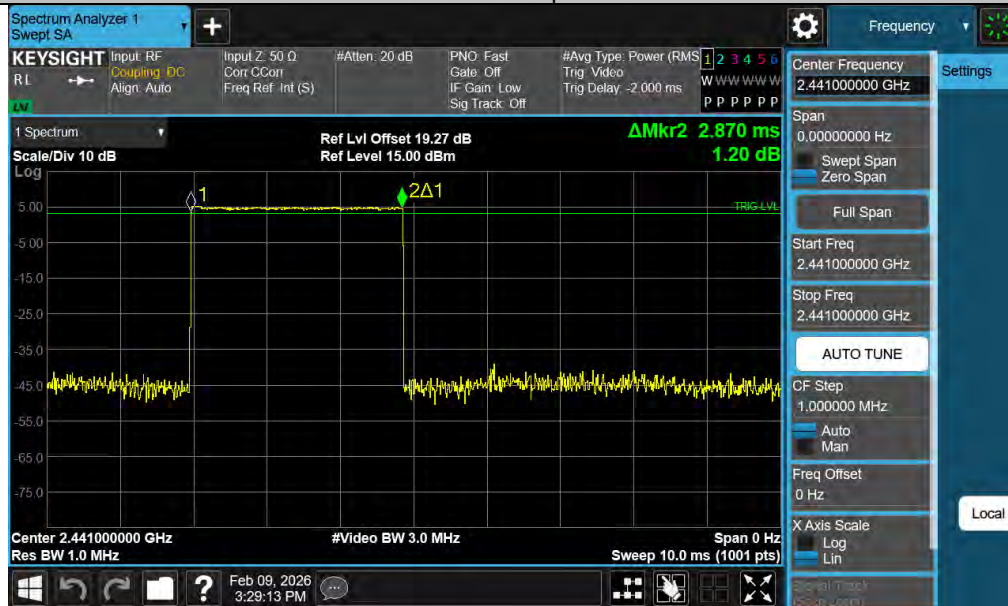
2DH1-Ant1-Hop-PASS



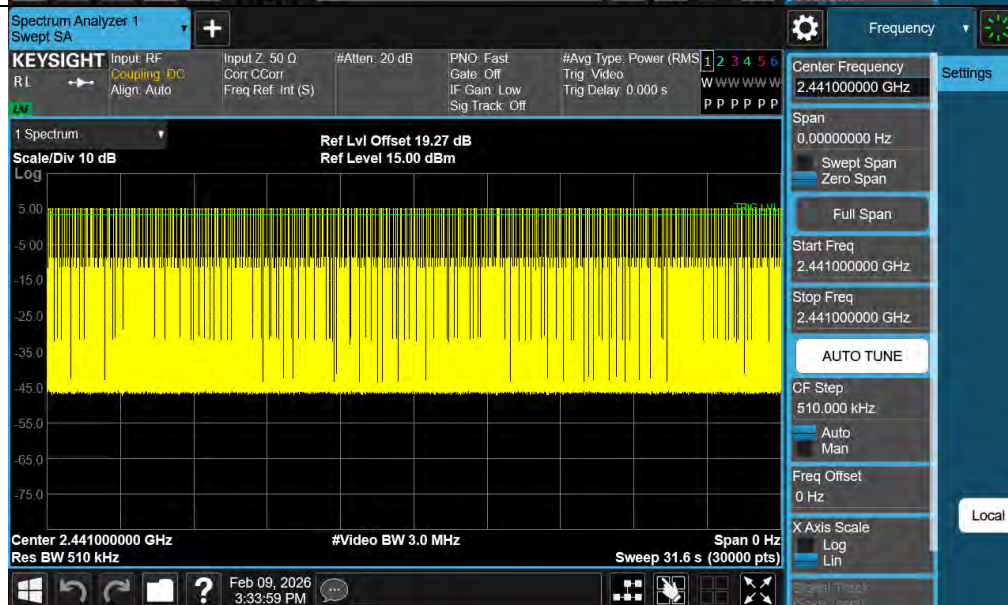
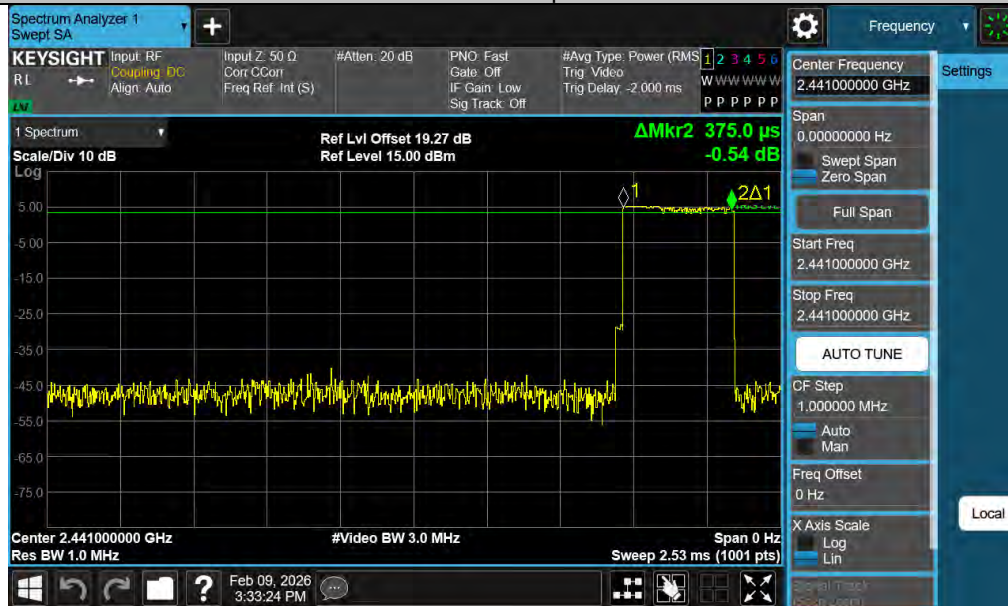
2DH3-Ant1-Hop-PASS



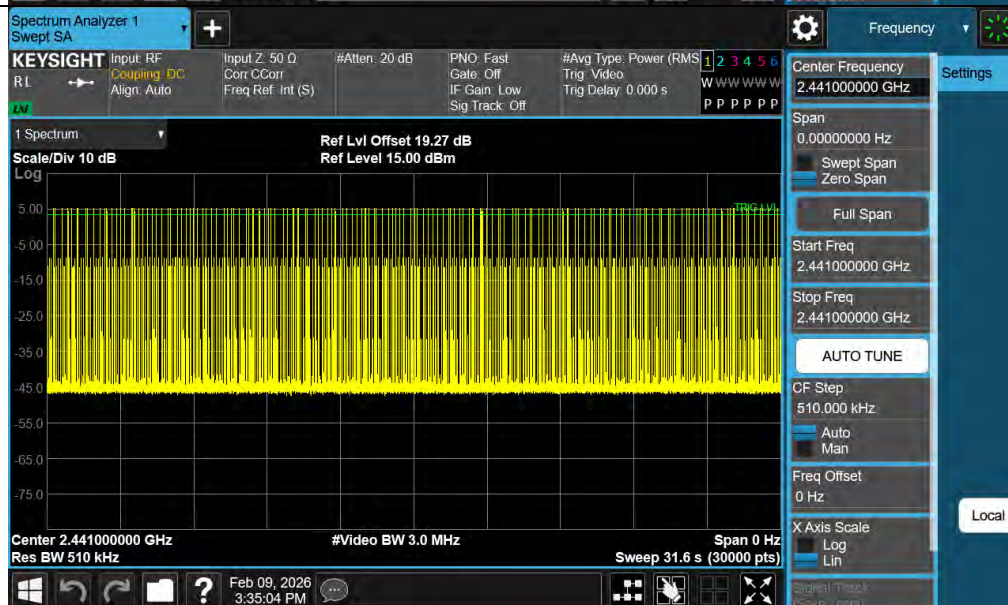
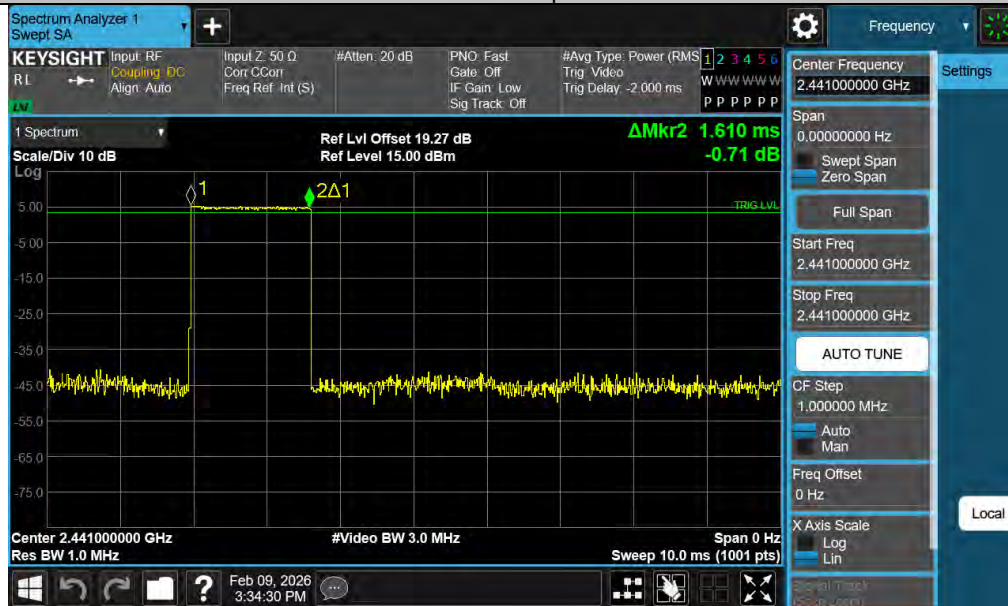
2DH5-Ant1-Hop-PASS



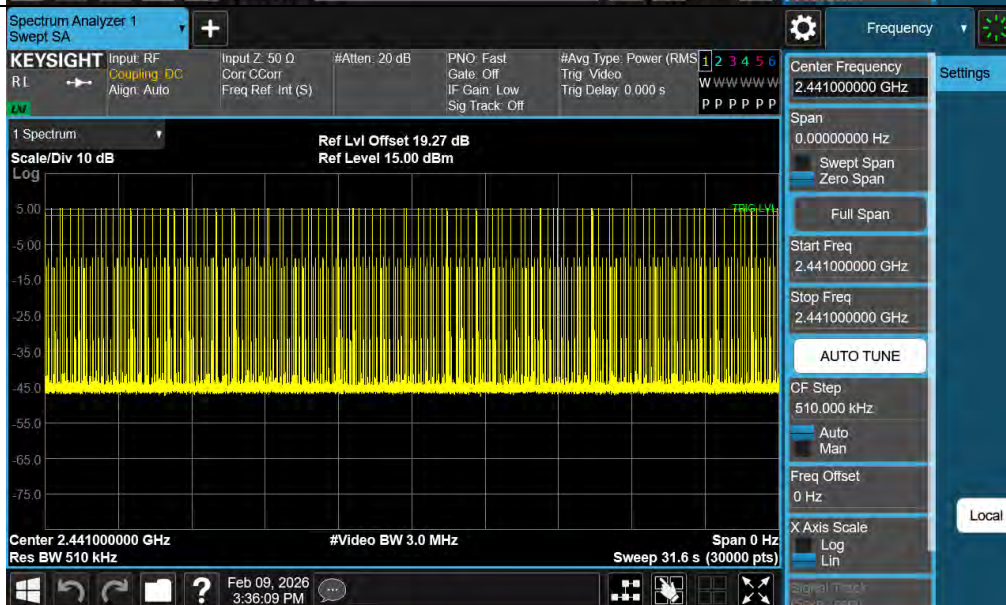
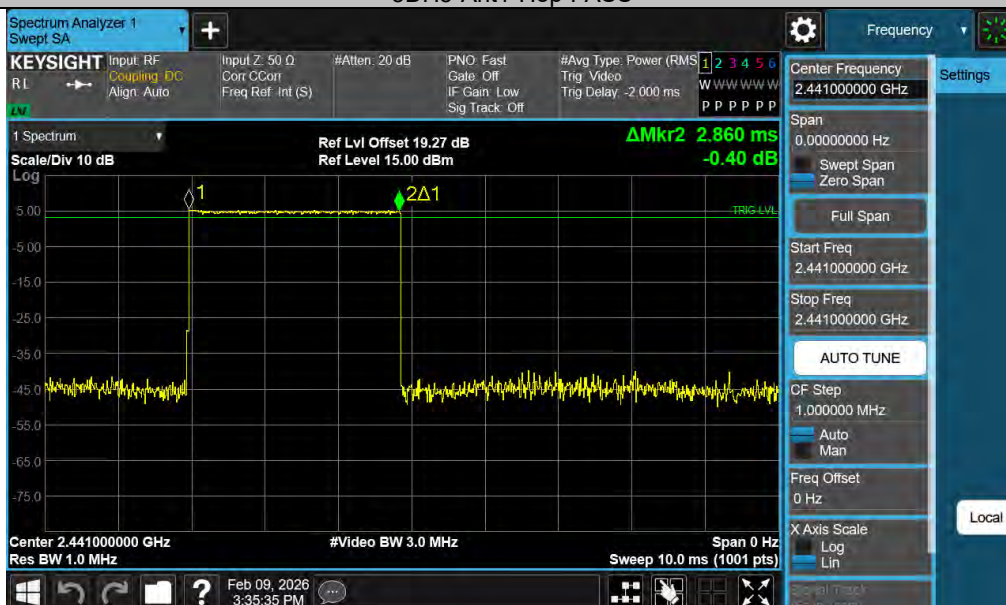
3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



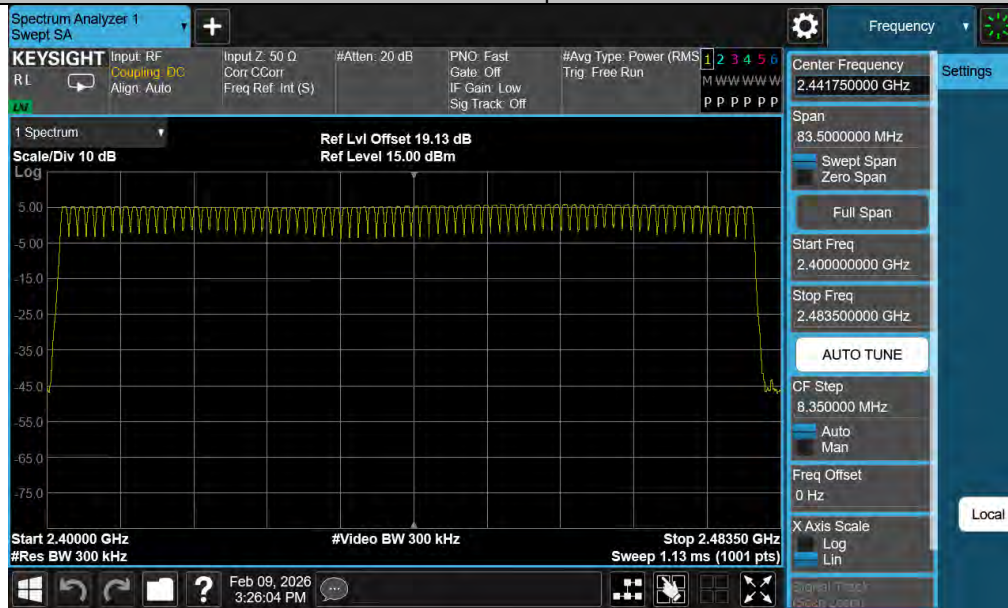
Appendix E: Number of hopping channels

Test Result

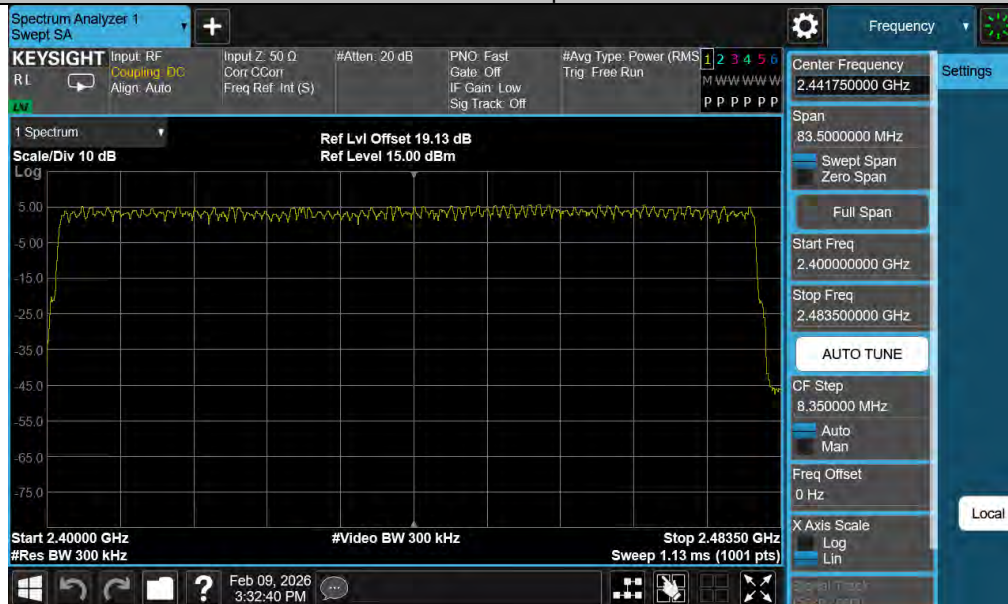
Test Mode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥ 15	PASS
2DH5	Ant1	Hop	79	≥ 15	PASS
3DH5	Ant1	Hop	79	≥ 15	PASS

Test Graphs

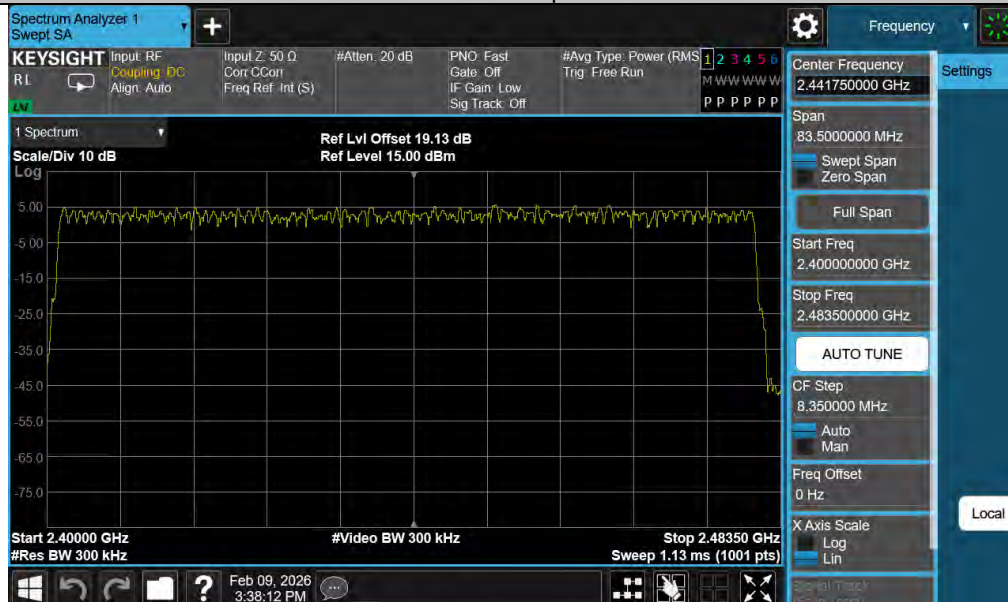
DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



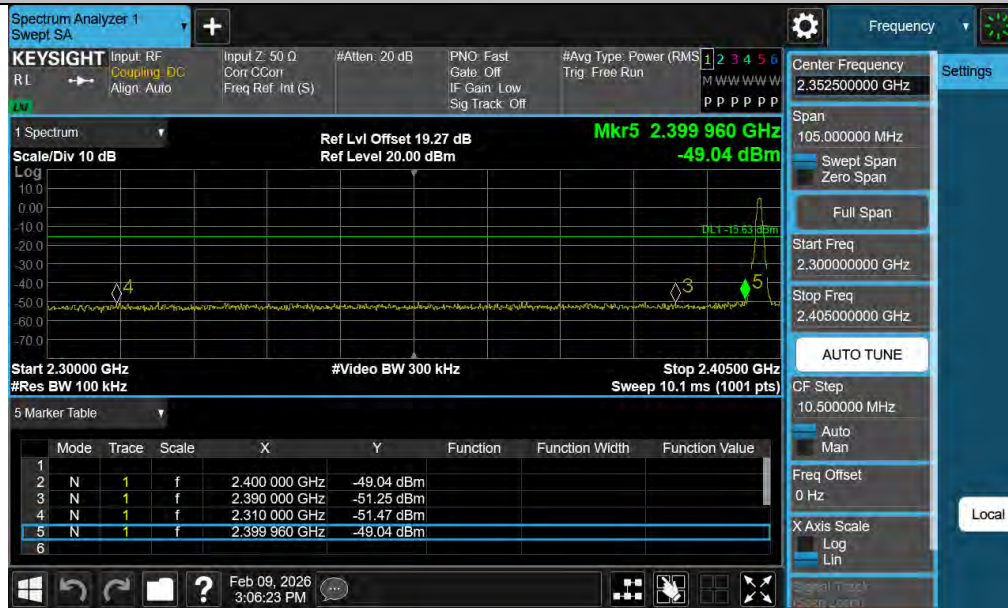
Appendix F: Band edge measurements

Test Result

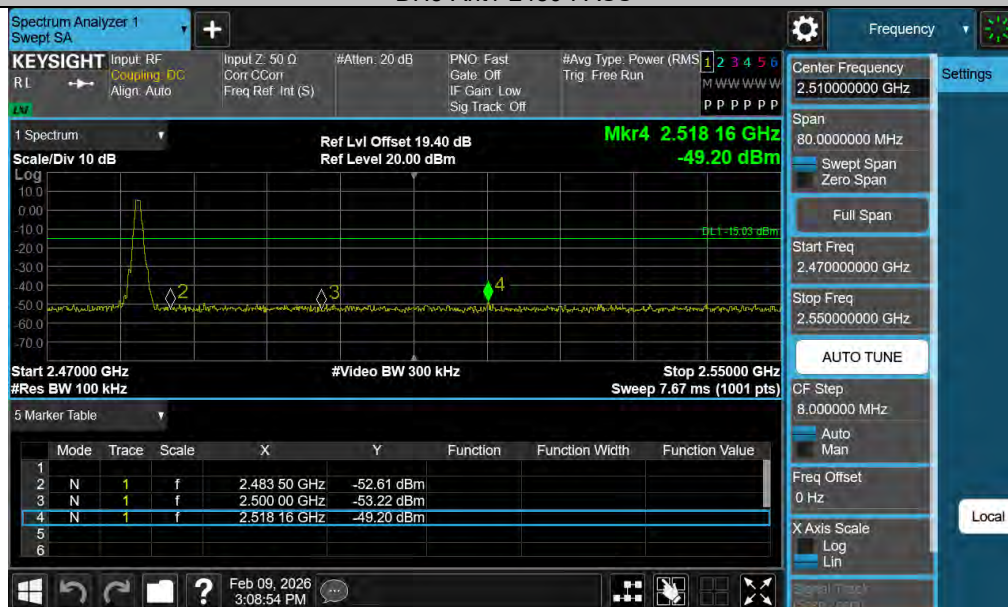
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	4.37	-49.04	≤ -15.63	PASS
DH5	Ant1	High	2480	4.97	-49.20	≤ -15.03	PASS
DH5	Ant1	Low	Hop_2402	4.89	-49.07	≤ -15.12	PASS
DH5	Ant1	High	Hop_2480	5.34	-48.66	≤ -14.66	PASS
2DH5	Ant1	Low	2402	4.59	-43.13	≤ -15.41	PASS
2DH5	Ant1	High	2480	4.92	-48.94	≤ -15.08	PASS
2DH5	Ant1	Low	Hop_2402	3.94	-43.39	≤ -16.06	PASS
2DH5	Ant1	High	Hop_2480	4.33	-49.24	≤ -15.67	PASS
3DH5	Ant1	Low	2402	4.29	-41.91	≤ -15.71	PASS
3DH5	Ant1	High	2480	4.94	-49.60	≤ -15.06	PASS
3DH5	Ant1	Low	Hop_2402	2.21	-44.30	≤ -17.79	PASS
3DH5	Ant1	High	Hop_2480	4.68	-48.29	≤ -15.32	PASS

Test Graphs

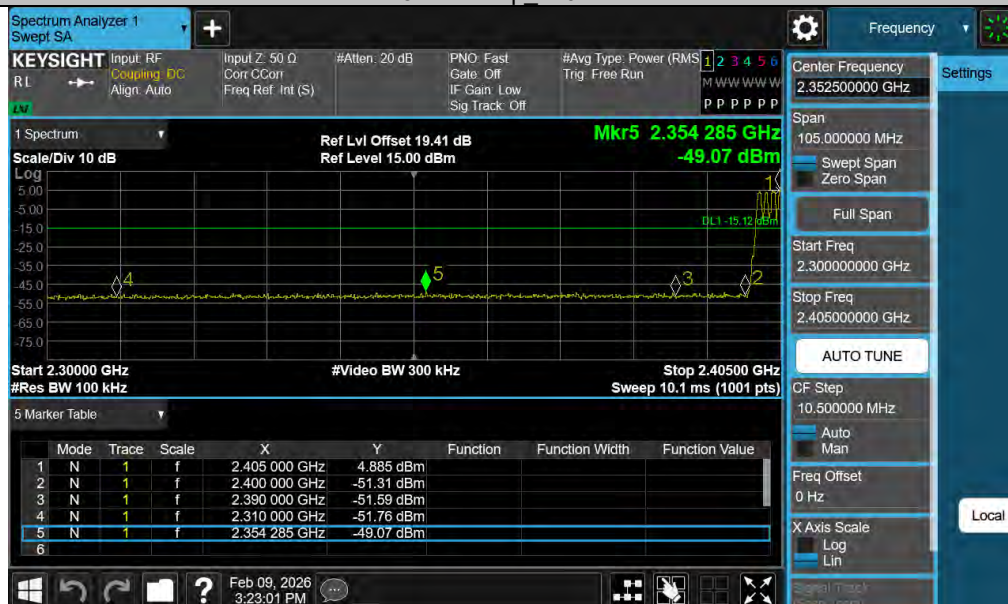
DH5-Ant1-2402-PASS



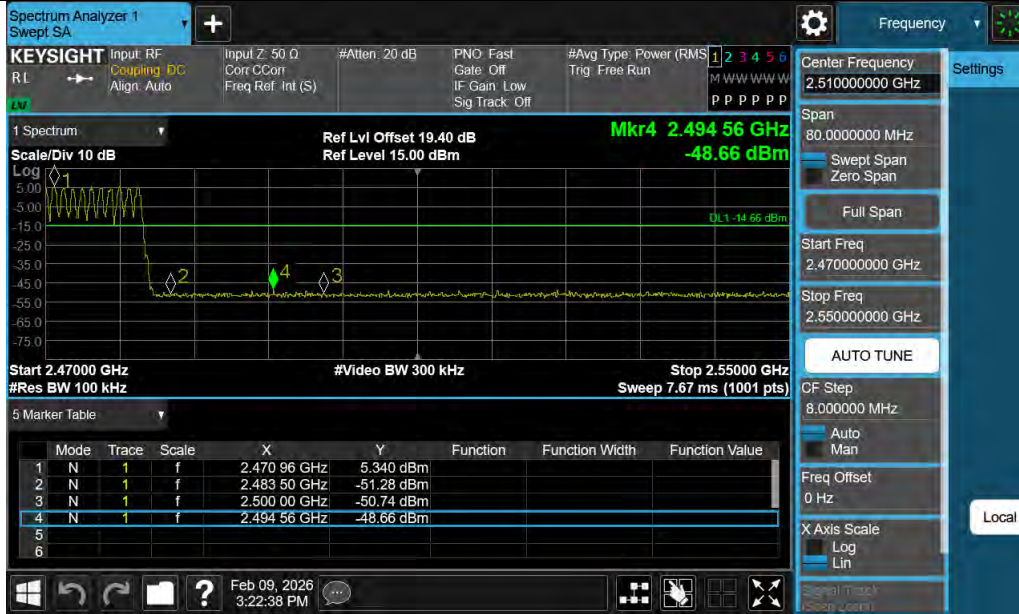
DH5-Ant1-2480-PASS



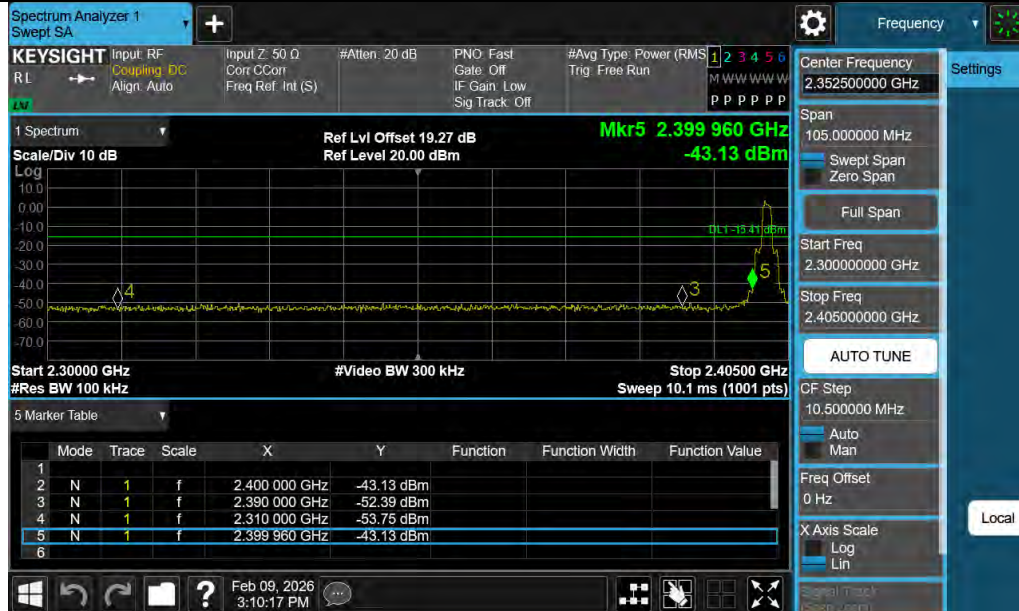
DH5-Ant1-Hop 2402-PASS



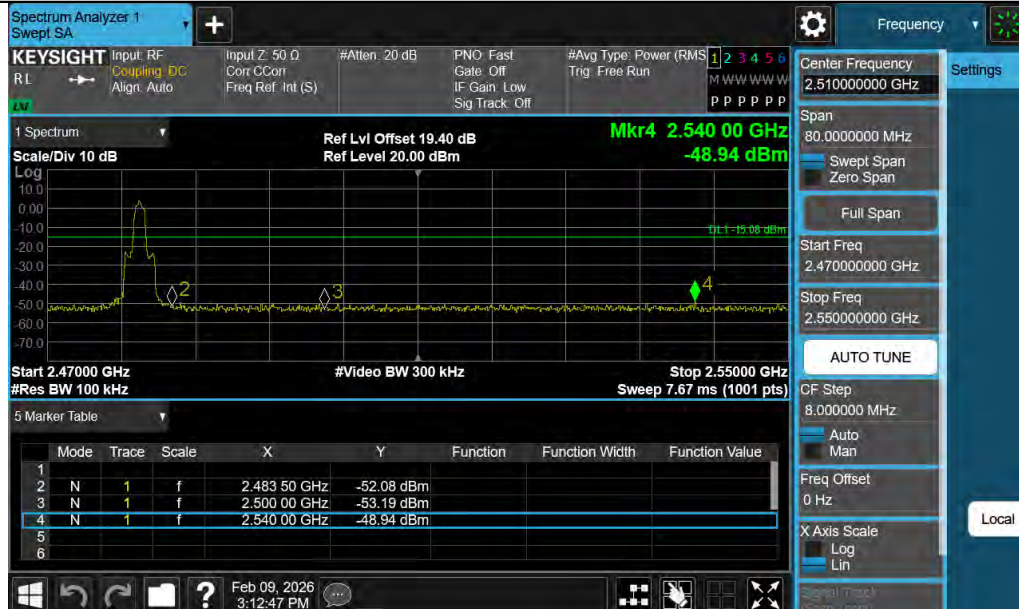
DH5-Ant1-Hop 2480-PASS

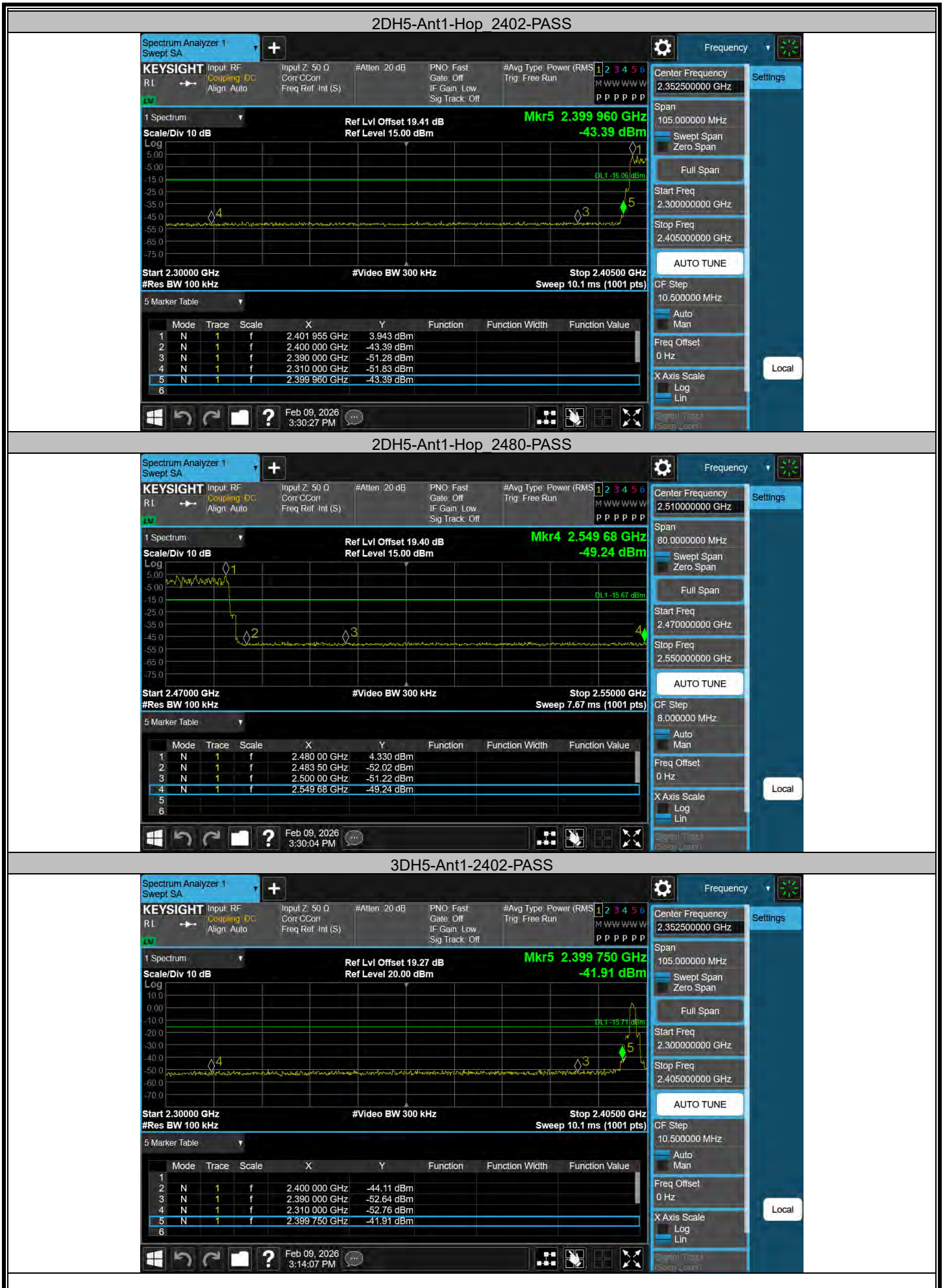


2DH5-Ant1-2402-PASS

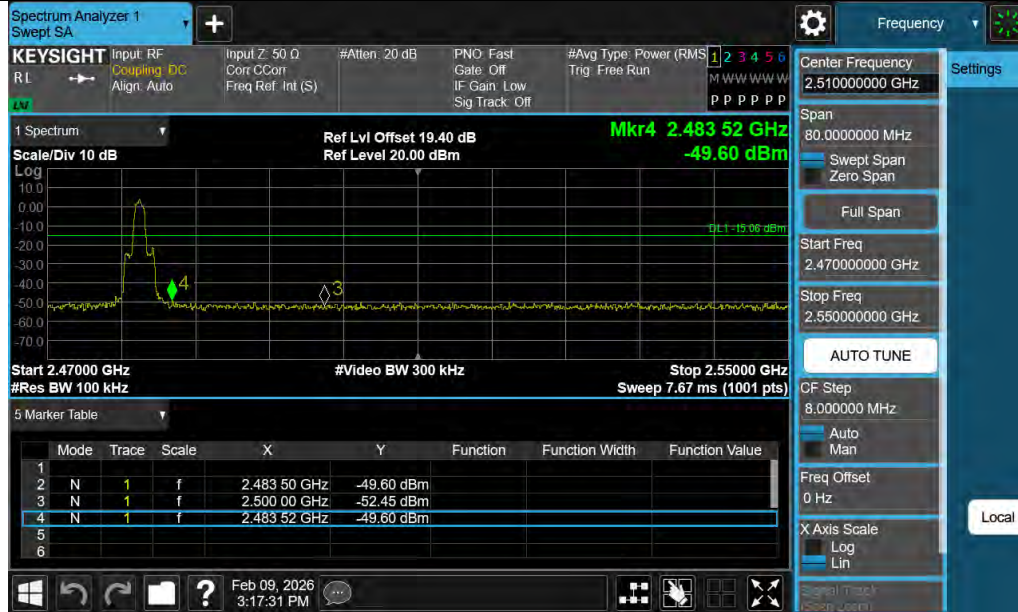


2DH5-Ant1-2480-PASS

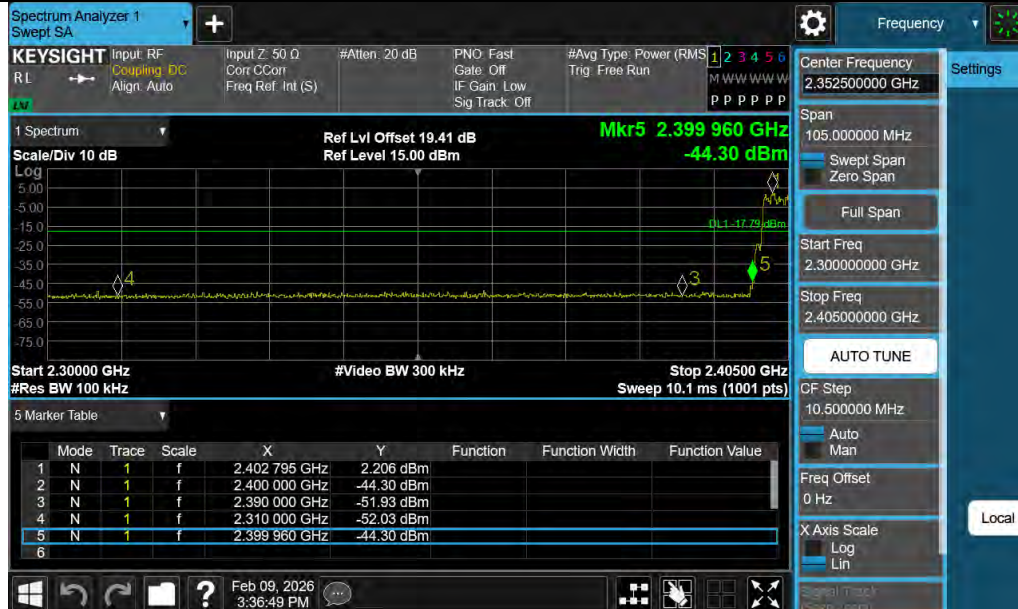




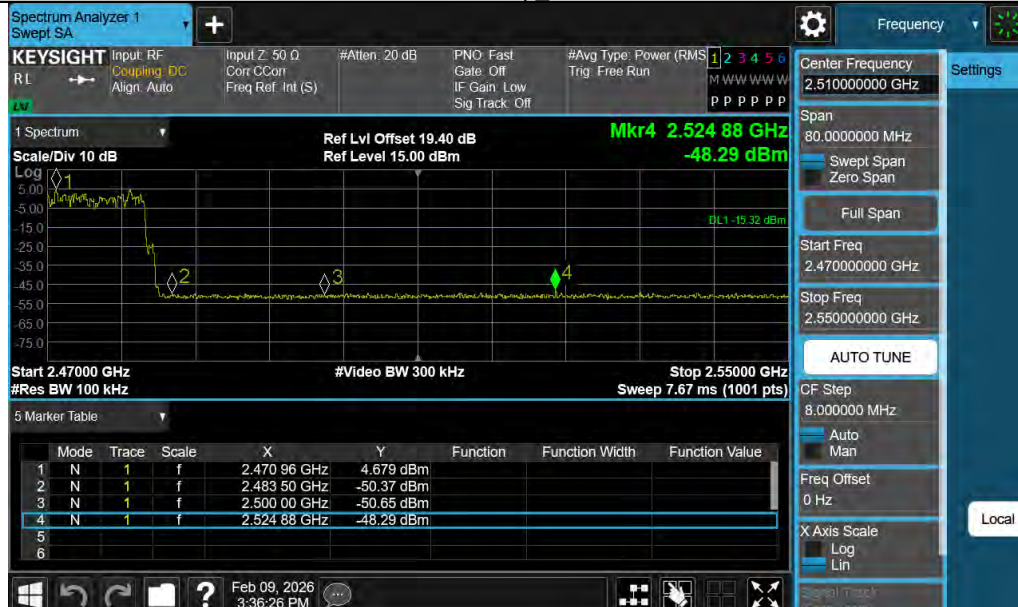
3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop 2402-PASS



3DH5-Ant1-Hop 2480-PASS

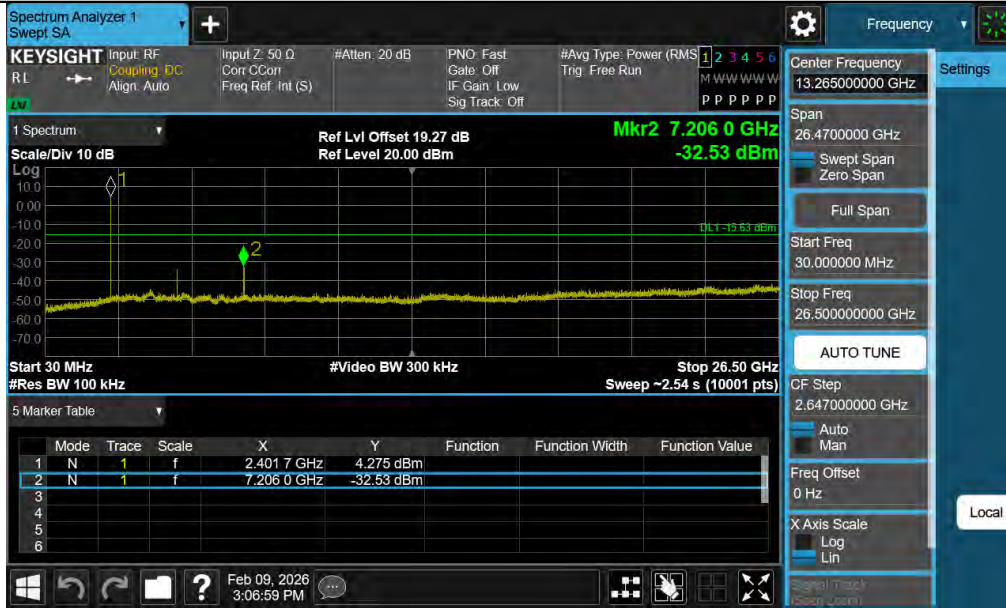


Appendix G: Conducted Spurious Emission Test Result

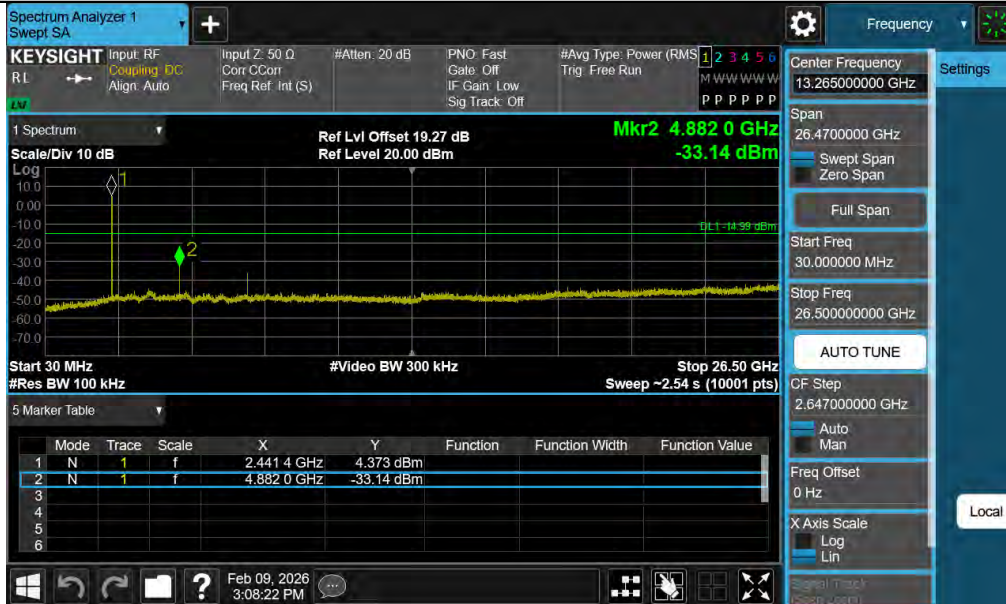
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~26500	4.37	-32.53	≤-15.63	PASS
DH5	Ant1	2441	30~26500	5.01	-33.14	≤-14.99	PASS
DH5	Ant1	2480	30~26500	4.97	-33.07	≤-15.03	PASS
2DH5	Ant1	2402	30~26500	4.59	-32.92	≤-15.41	PASS
2DH5	Ant1	2441	30~26500	4.54	-33.41	≤-15.46	PASS
2DH5	Ant1	2480	30~26500	4.92	-32.63	≤-15.08	PASS
3DH5	Ant1	2402	30~26500	4.29	-30.96	≤-15.71	PASS
3DH5	Ant1	2441	30~26500	5.10	-34.70	≤-14.90	PASS
3DH5	Ant1	2480	30~26500	4.94	-34.55	≤-15.06	PASS

Test Graphs

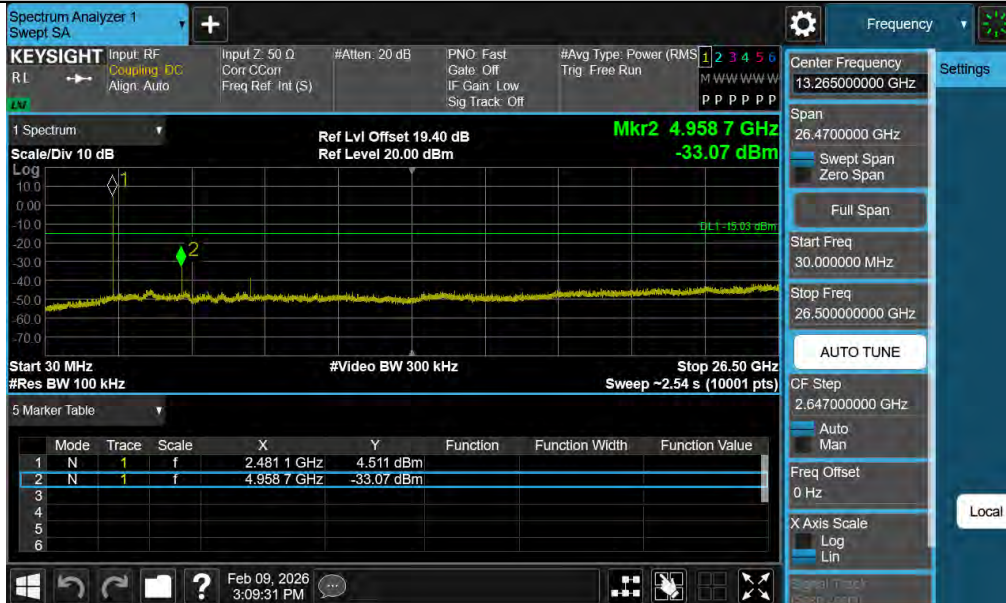
DH5-Ant1-2402-30~26500-PASS



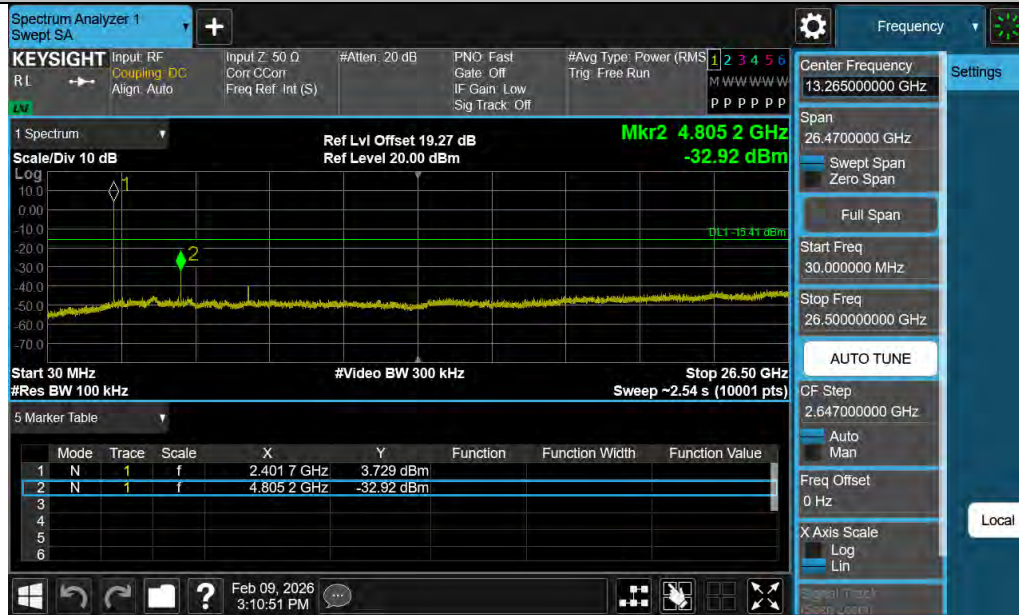
DH5-Ant1-2441-30~26500-PASS



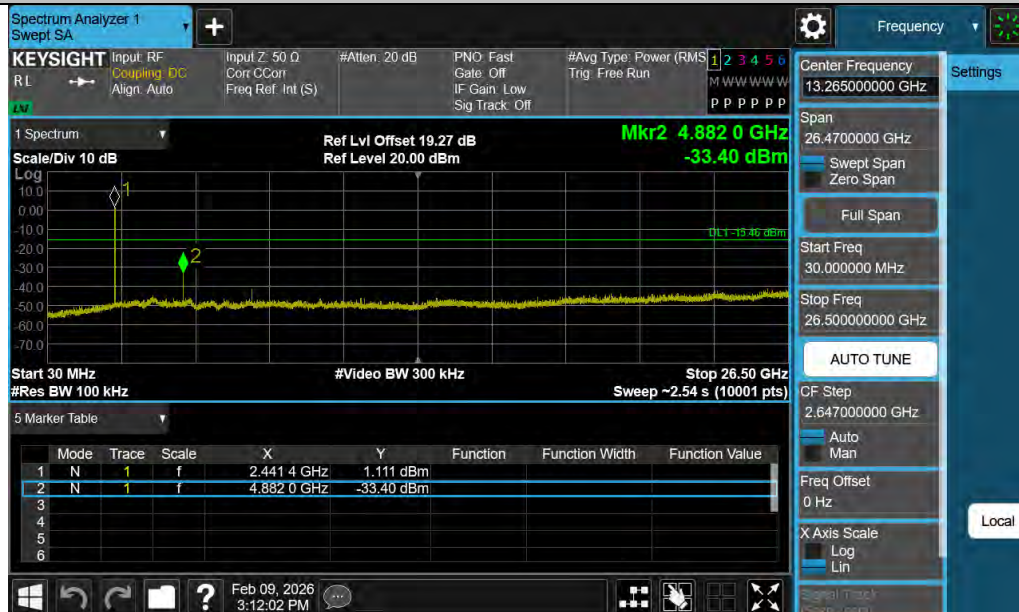
DH5-Ant1-2480-30~26500-PASS



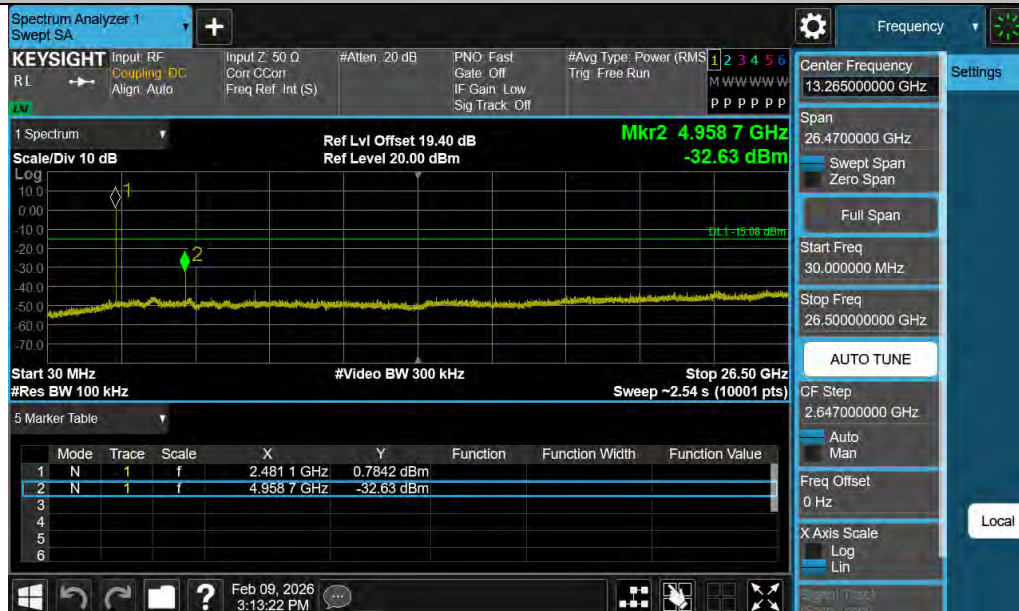
2DH5-Ant1-2402-30~26500-PASS



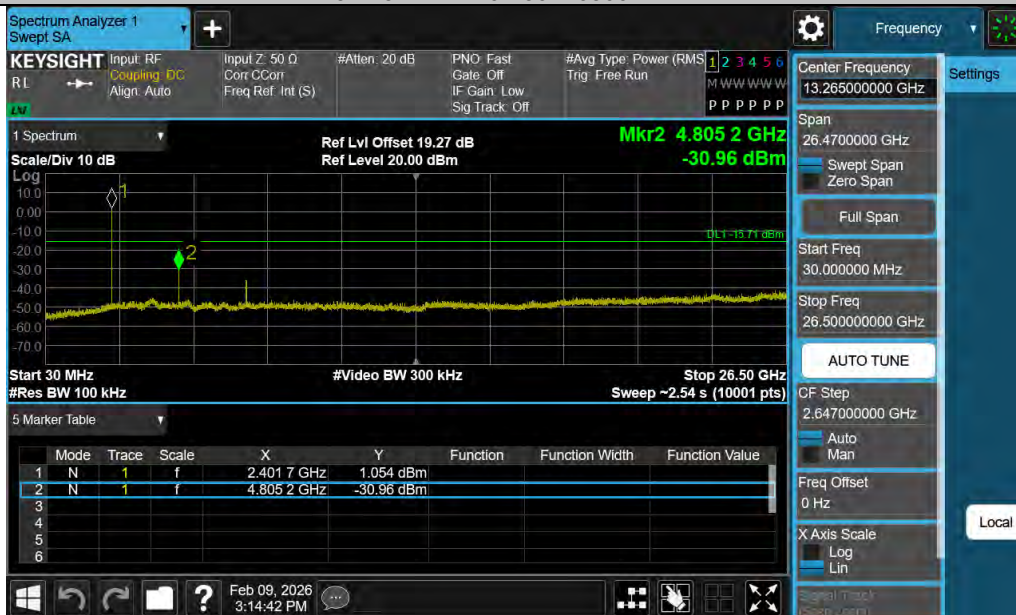
2DH5-Ant1-2441-30~26500-PASS



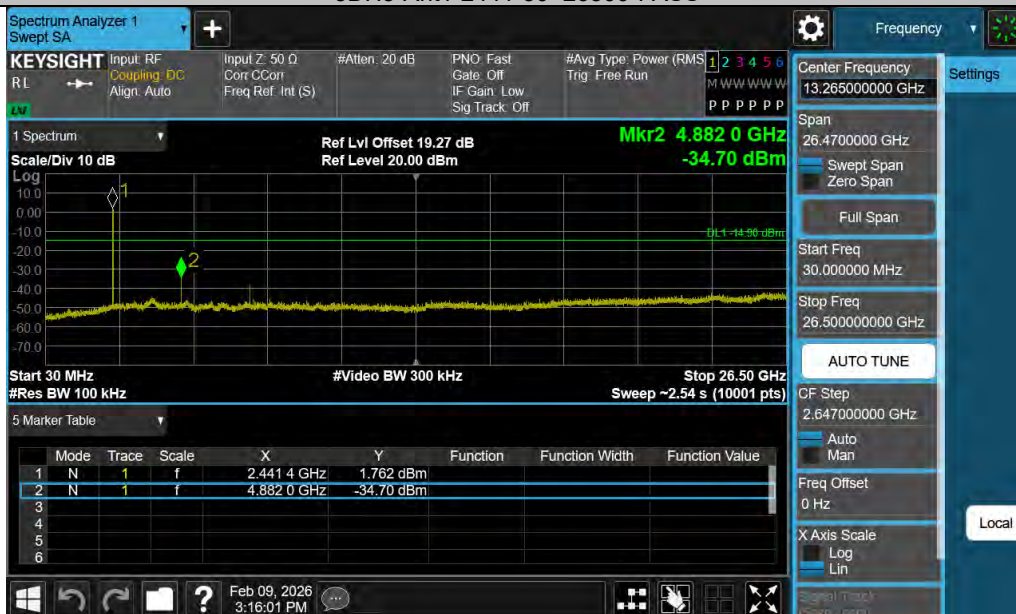
2DH5-Ant1-2480-30~26500-PASS



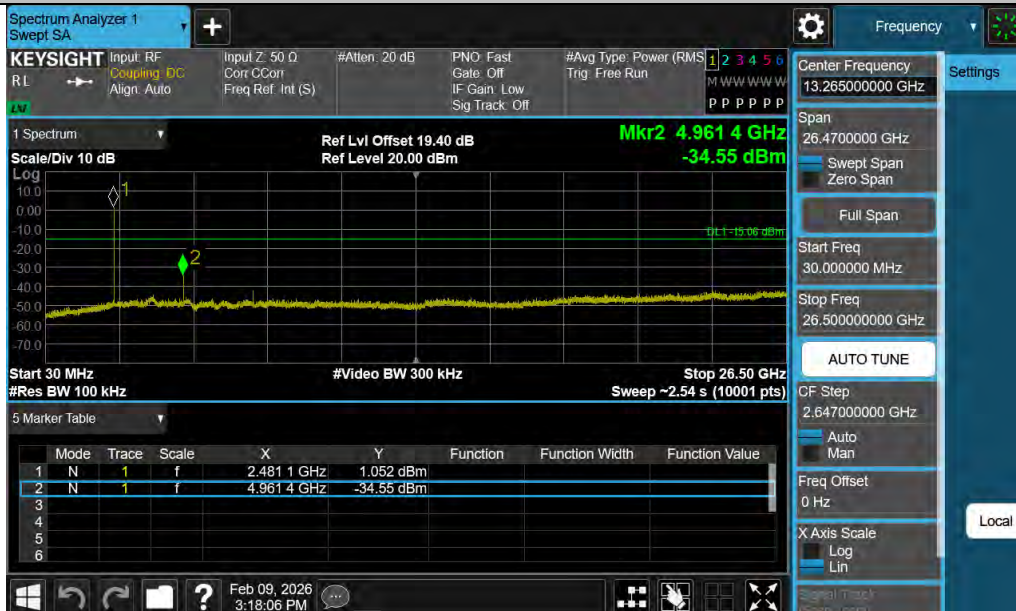
3DH5-Ant1-2402-30~26500-PASS



3DH5-Ant1-2441-30~26500-PASS



3DH5-Ant1-2480-30~26500-PASS



Appendix H: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2401.82	4.37
DH5	Ant1	2441	2441.13	5.01
DH5	Ant1	2480	2480.13	4.97
2DH5	Ant1	2402	2401.79	4.59
2DH5	Ant1	2441	2440.78	4.54
2DH5	Ant1	2480	2479.81	4.92
3DH5	Ant1	2402	2401.82	4.29
3DH5	Ant1	2441	2440.80	5.10
3DH5	Ant1	2480	2480.12	4.94

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



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS

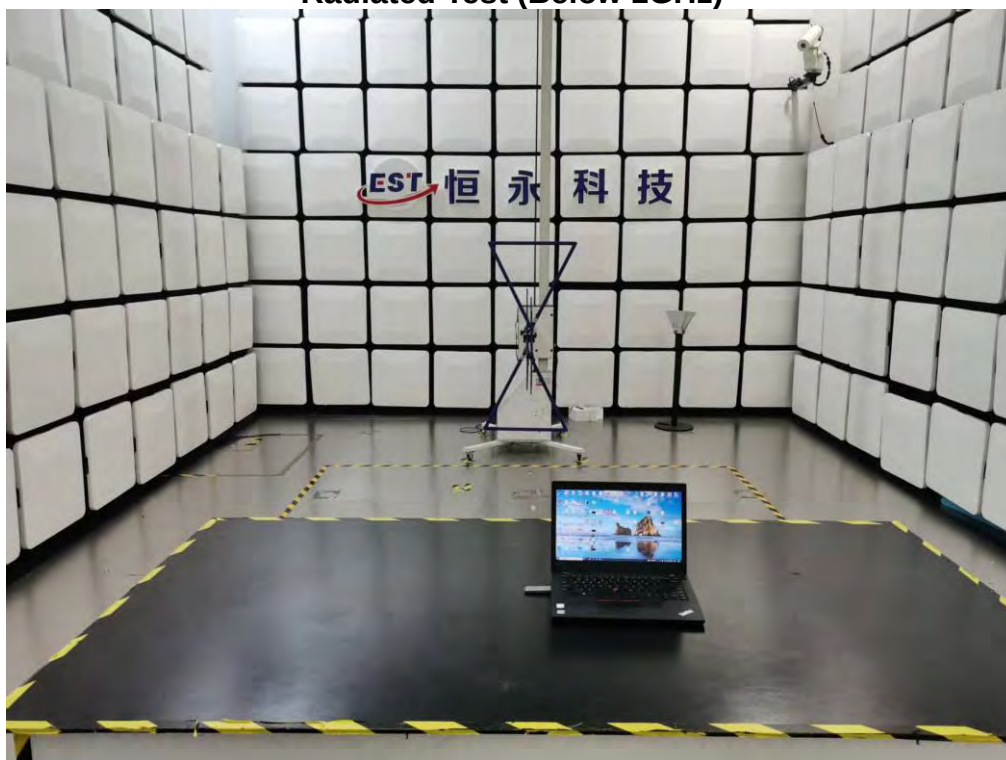


14.TEST SETUP PHOTO

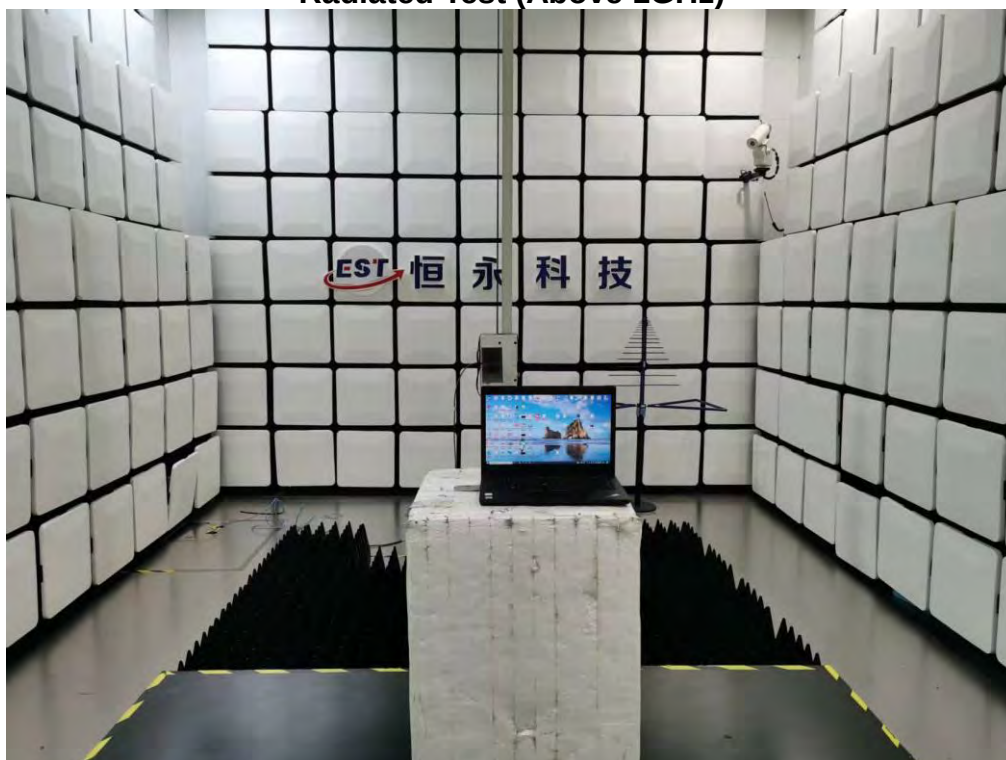
Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)



Radio Spectrum Testing



15. EUT PHOTO

External Photos M/N: ULM300D



External Photos
M/N: ULM300D



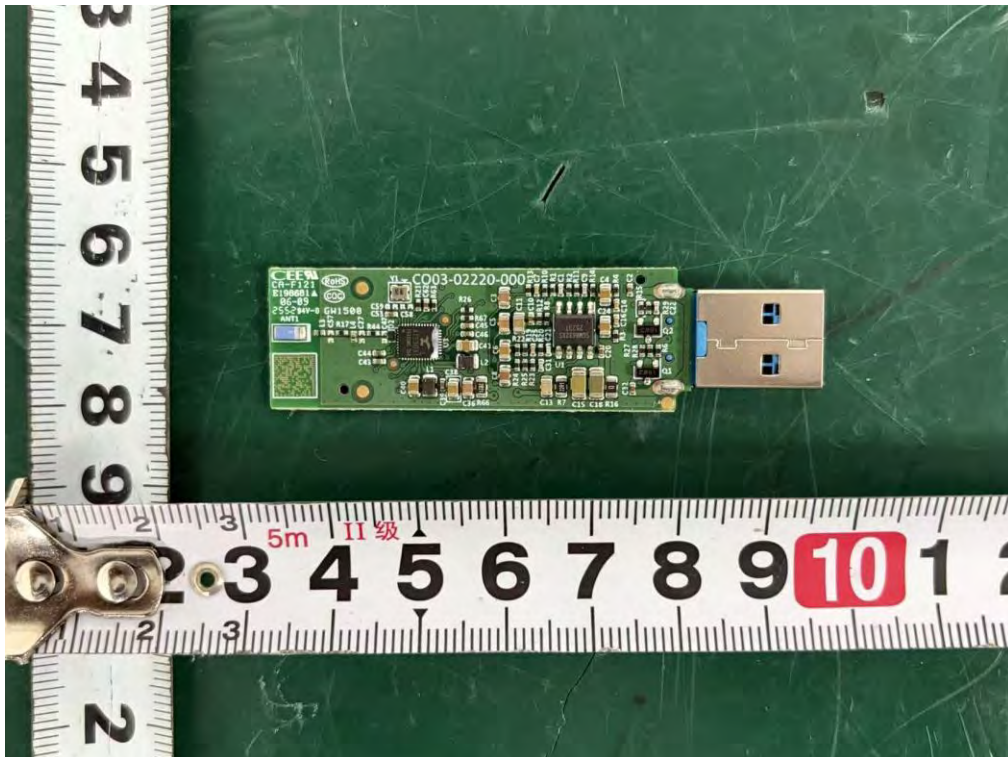
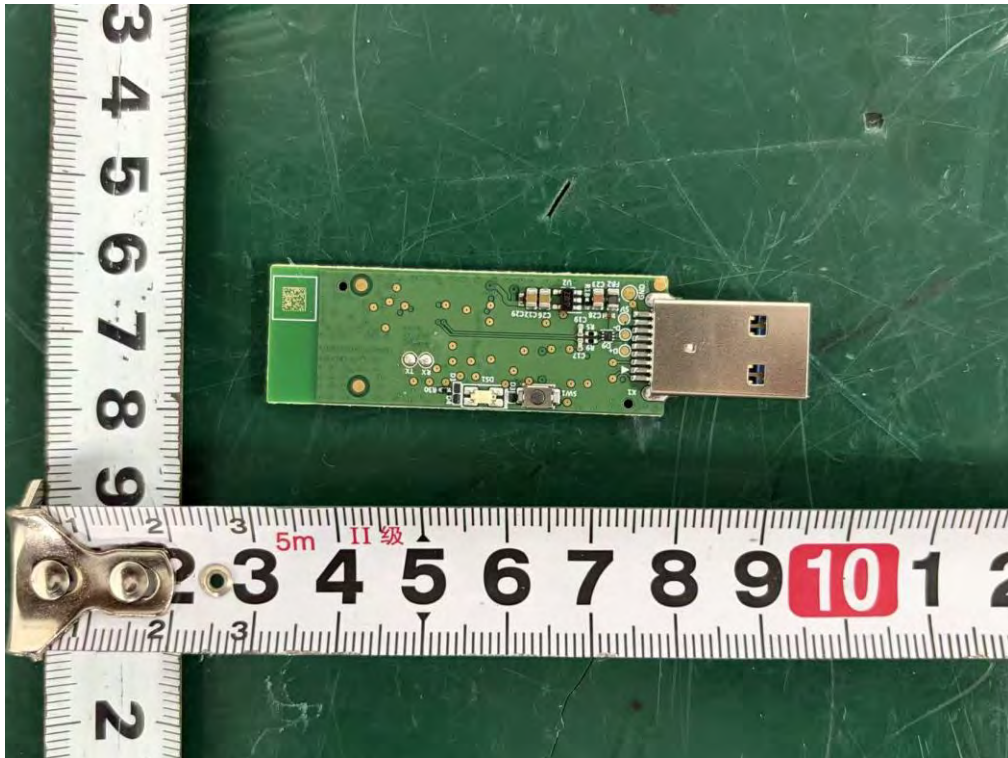
External Photos
M/N: ULM300D



Internal Photos
M/N: ULM300D



Internal Photos
M/N: ULM300D



End of Test Report