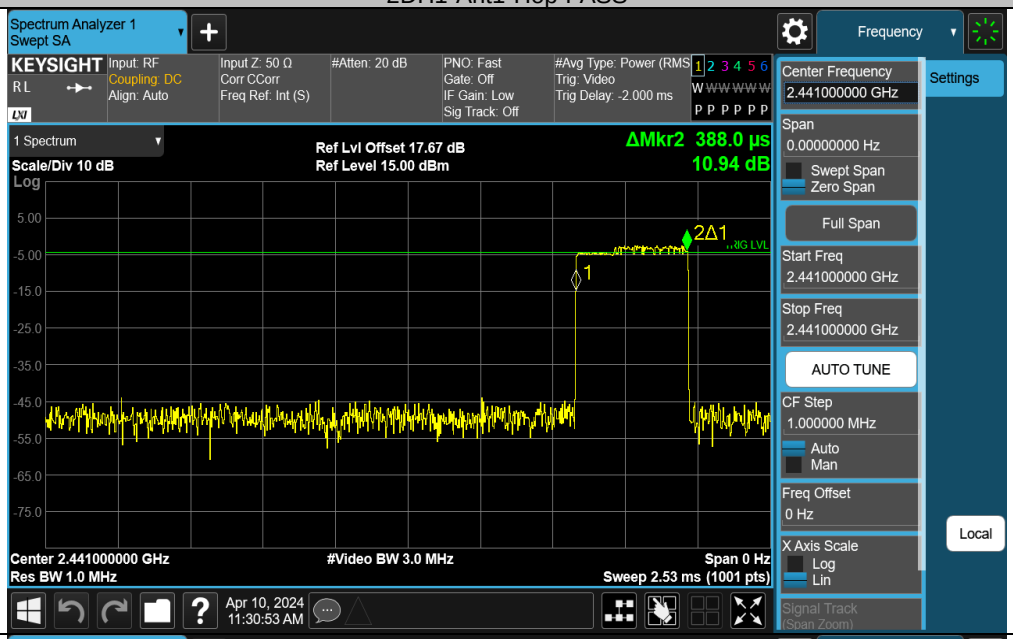
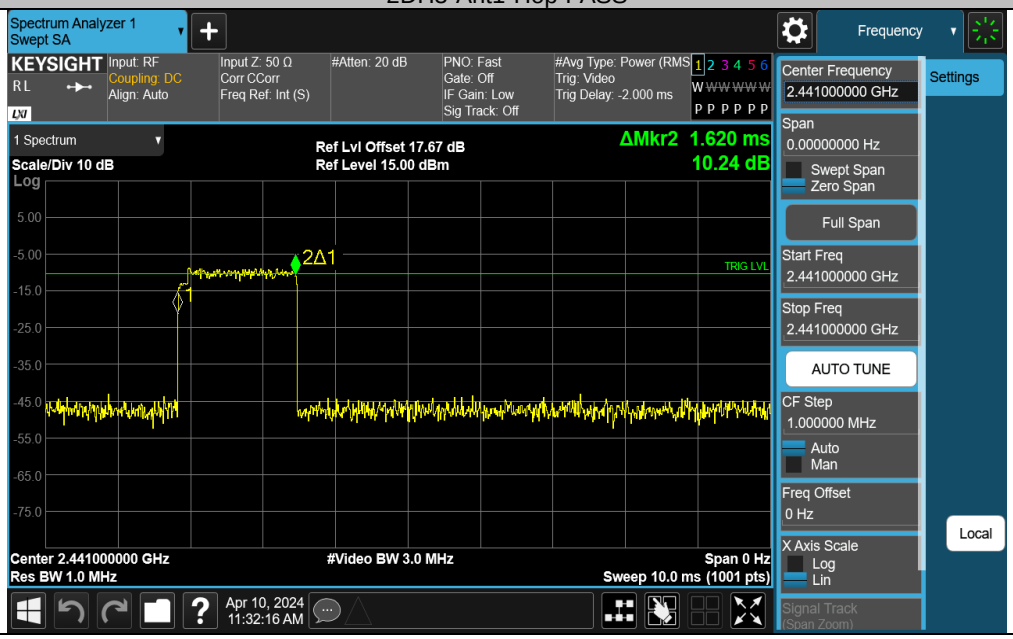
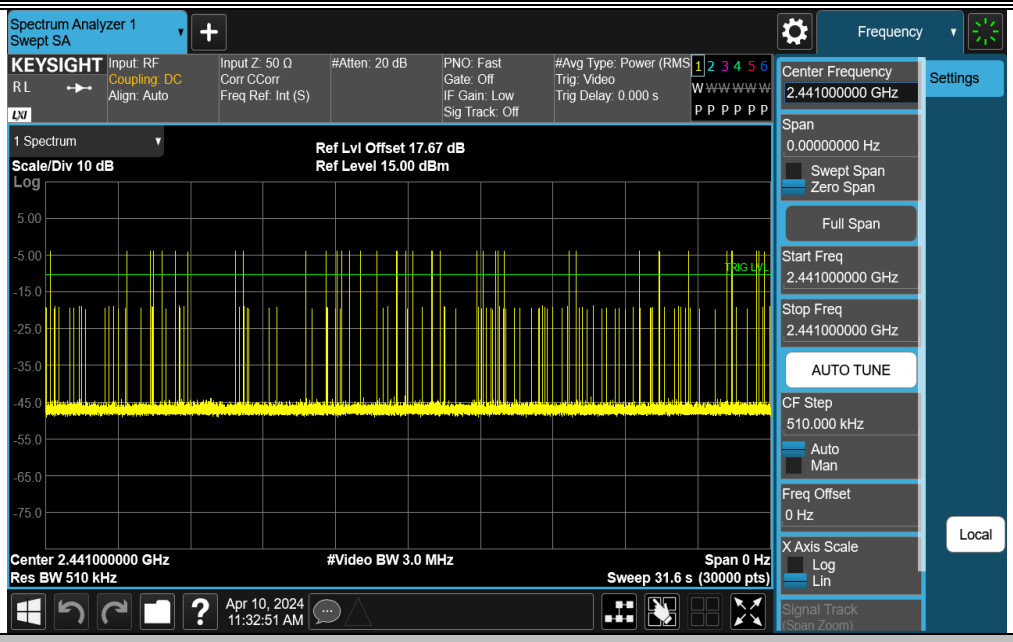
2DH1-Ant1-Hop-PASS

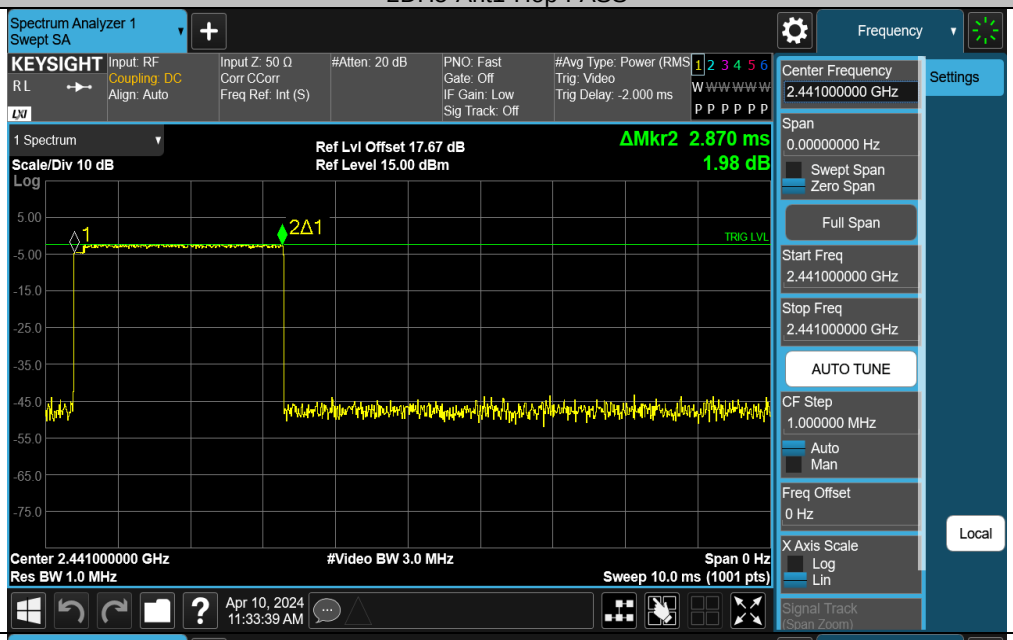


2DH3-Ant1-Hop-PASS

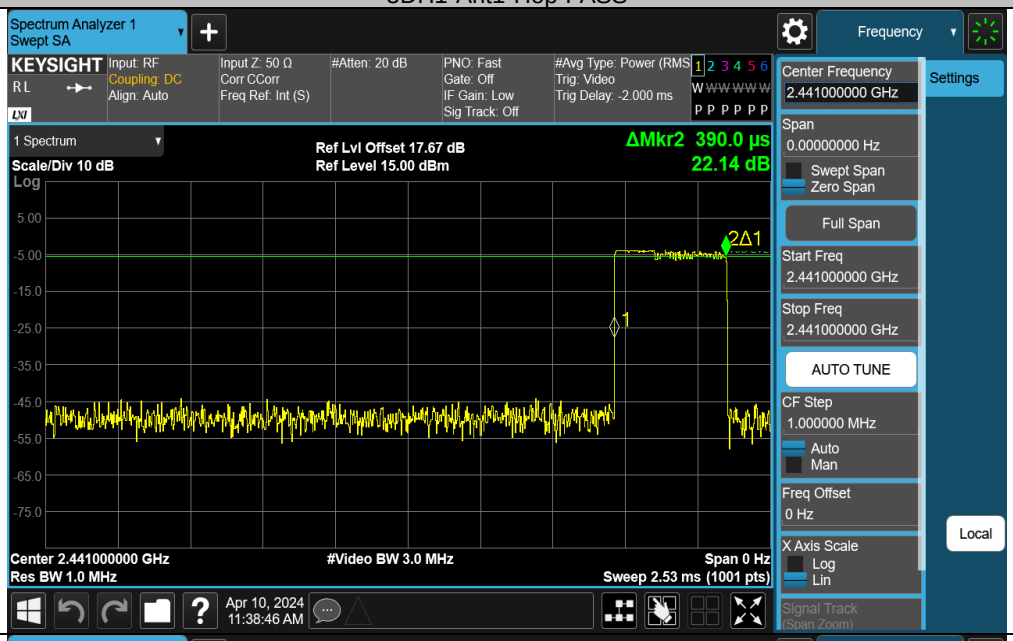


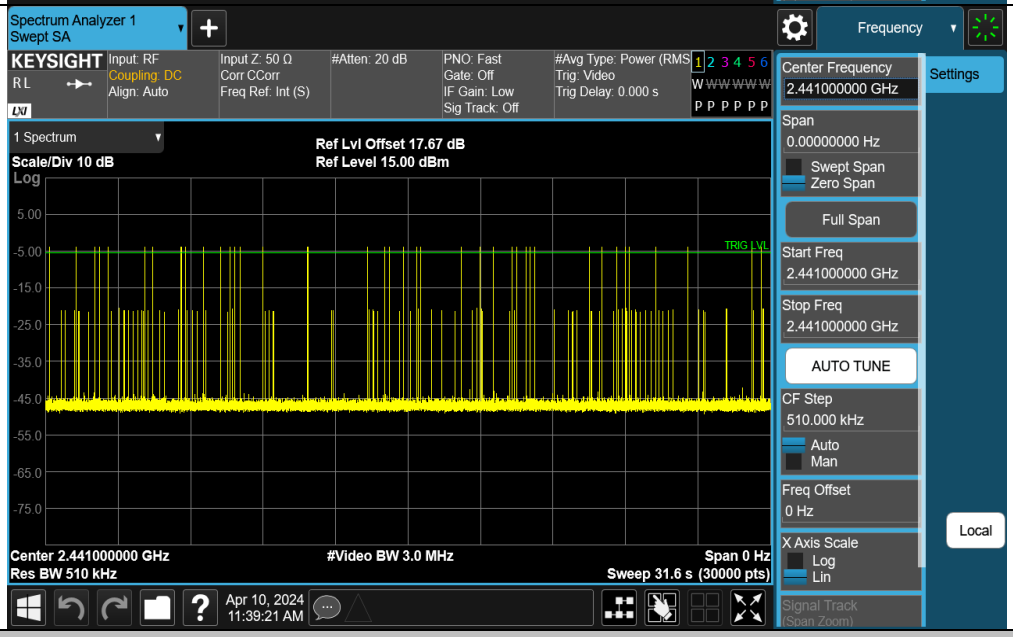


2DH5-Ant1-Hop-PASS

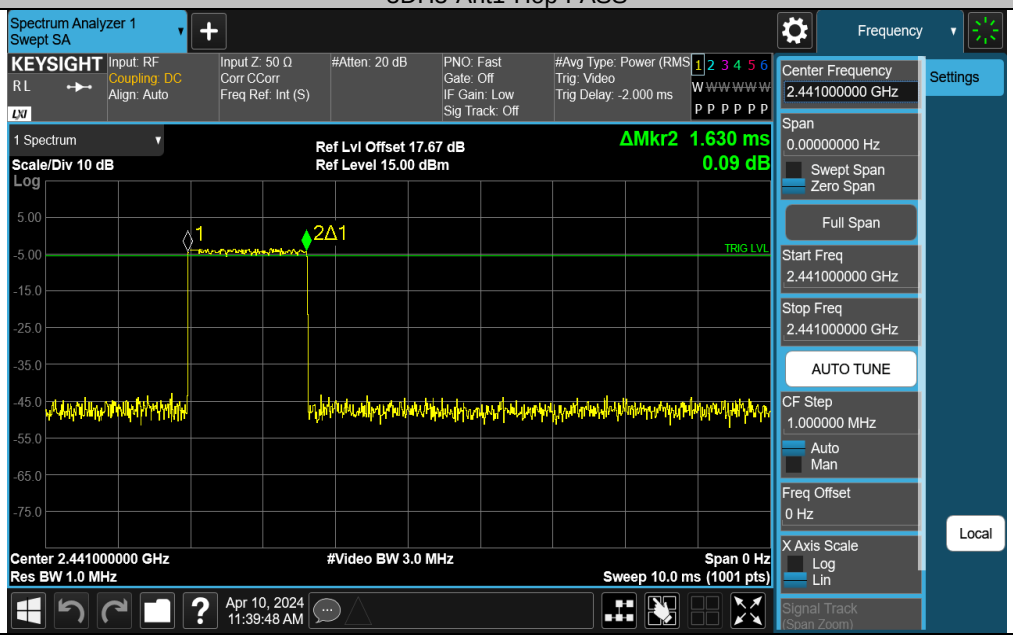


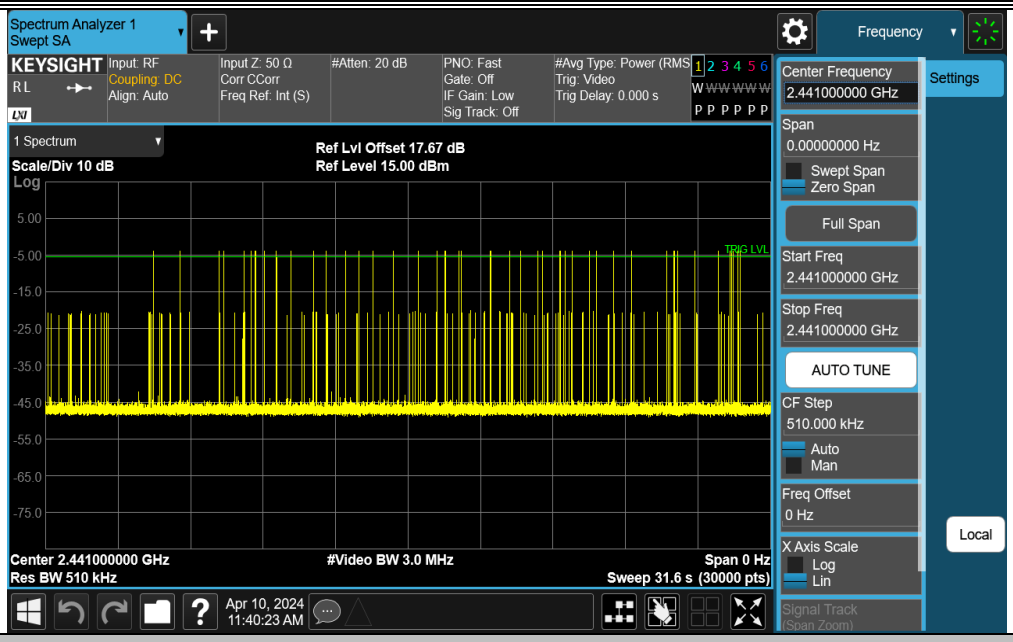
3DH1-Ant1-Hop-PASS



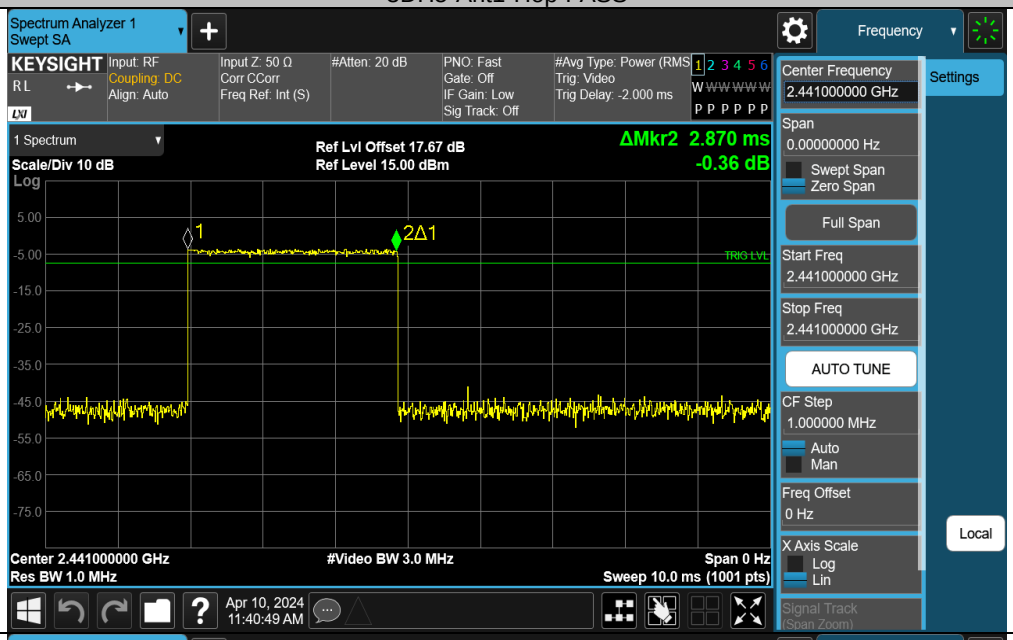


3DH3-Ant1-Hop-PASS





3DH5-Ant1-Hop-PASS



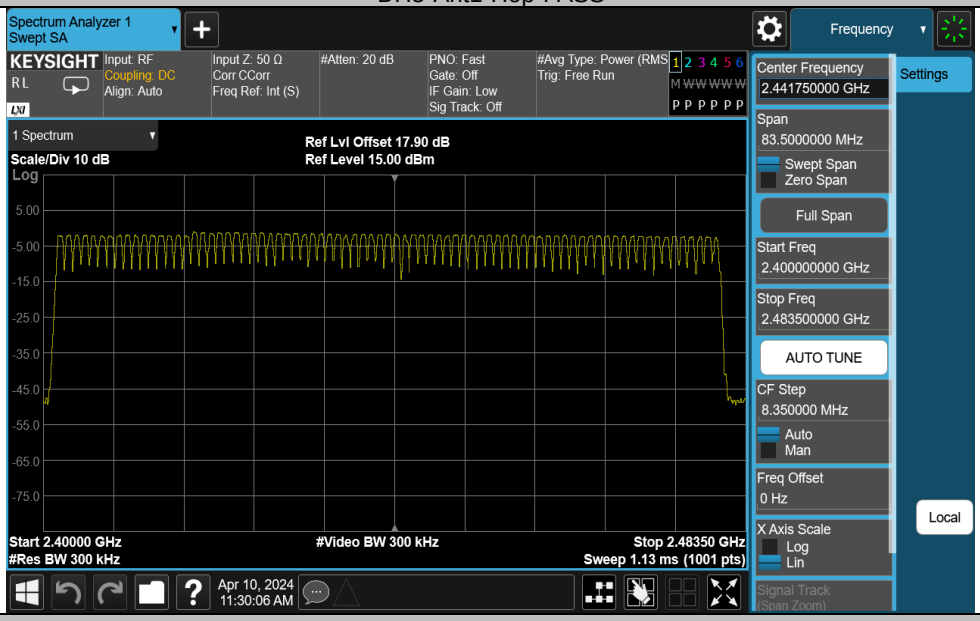
Appendix E: Number of hopping channels

Test Result

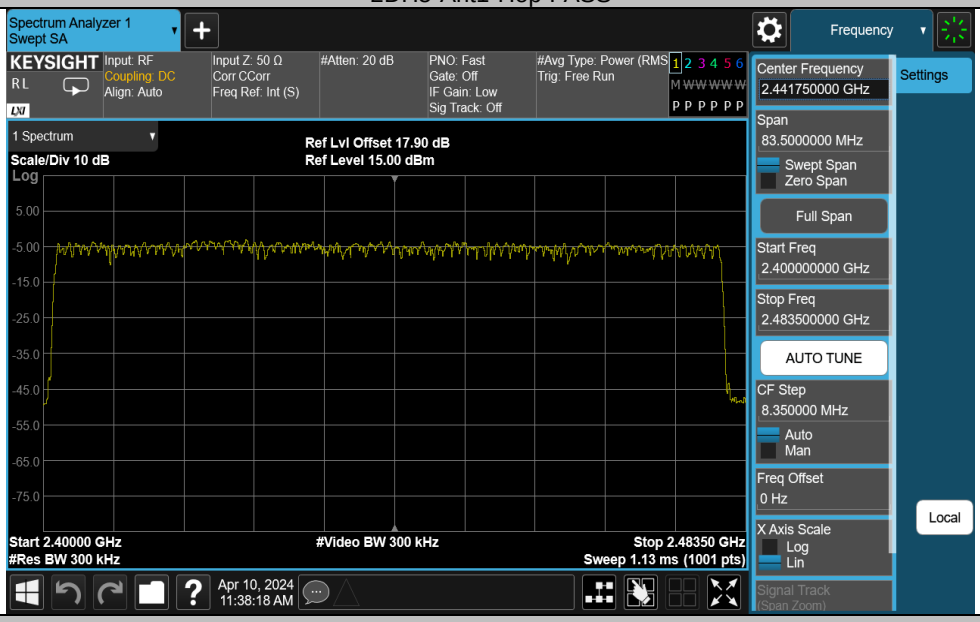
Test Mode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

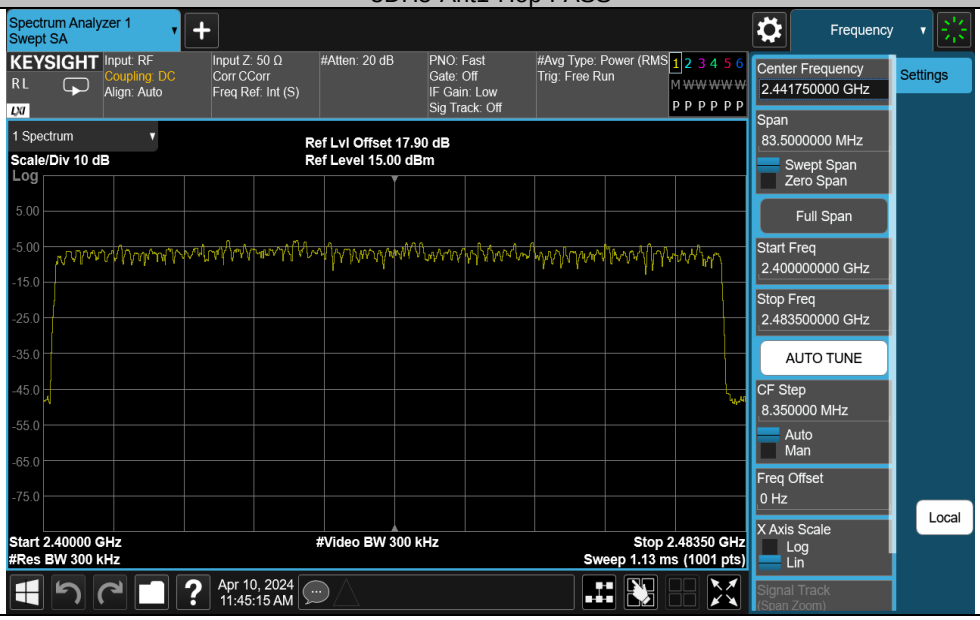
DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



Appendix F: Band edge measurements

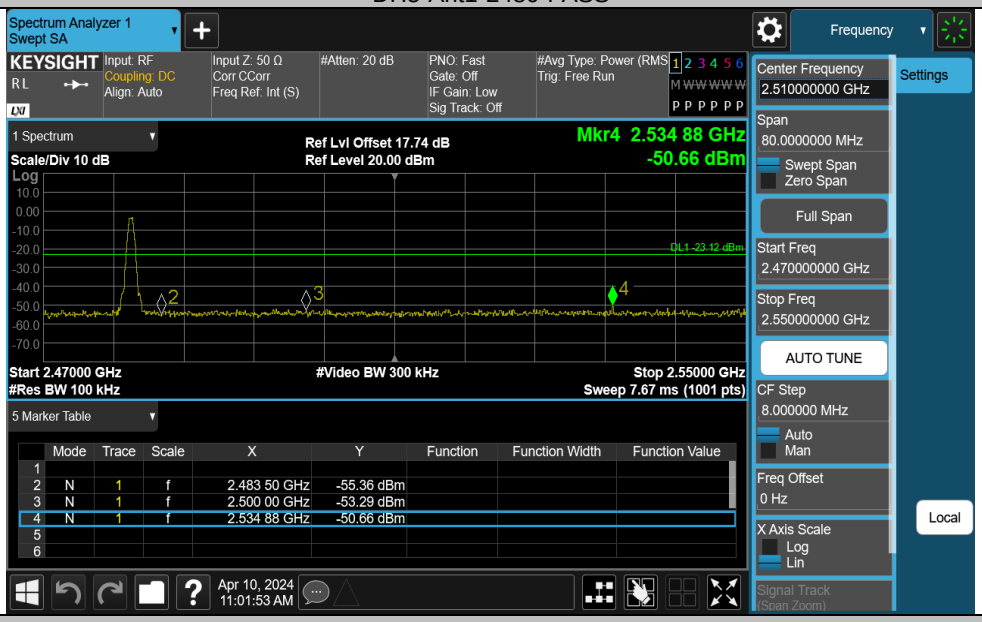
Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.55	-51.34	≤-22.55	PASS
DH5	Ant1	High	2480	-3.12	-50.66	≤-23.12	PASS
DH5	Ant1	Low	Hop_2402	-2.86	-51.02	≤-22.86	PASS
DH5	Ant1	High	Hop_2480	-2.94	-50.69	≤-22.94	PASS
2DH5	Ant1	Low	2402	-5.80	-50.96	≤-25.8	PASS
2DH5	Ant1	High	2480	-5.89	-51.66	≤-25.89	PASS
2DH5	Ant1	Low	Hop_2402	-5.97	-50.67	≤-25.97	PASS
2DH5	Ant1	High	Hop_2480	-5.12	-50.97	≤-25.12	PASS
3DH5	Ant1	Low	2402	-4.98	-51.3	≤-24.98	PASS
3DH5	Ant1	High	2480	-4.88	-50.98	≤-24.88	PASS
3DH5	Ant1	Low	Hop_2402	-7.08	-50.91	≤-27.08	PASS
3DH5	Ant1	High	Hop_2480	-7.25	-50.31	≤-27.25	PASS

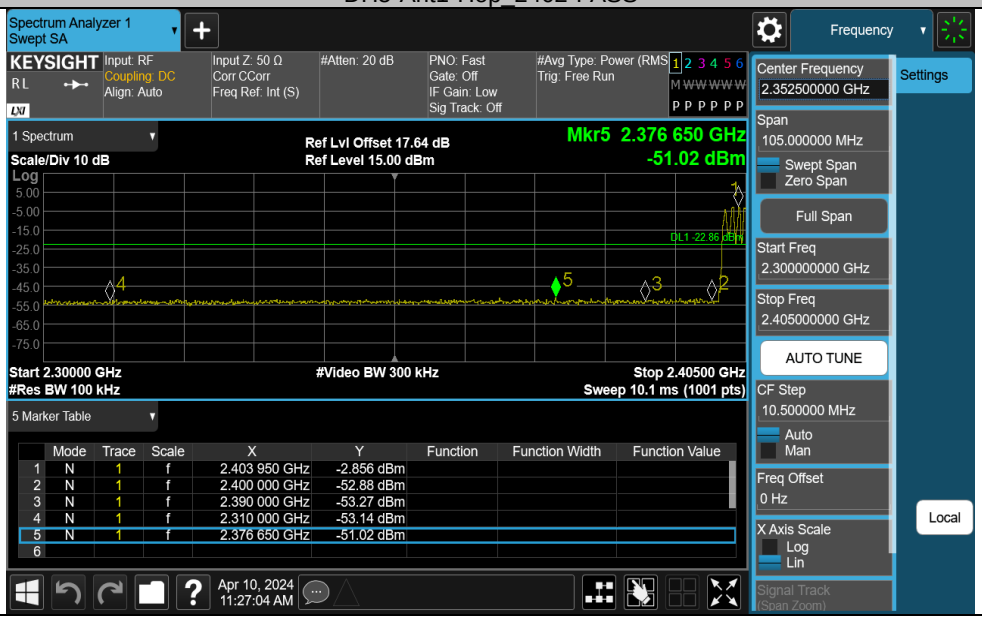
Test Graphs

DH5-Ant1-2402-PASS

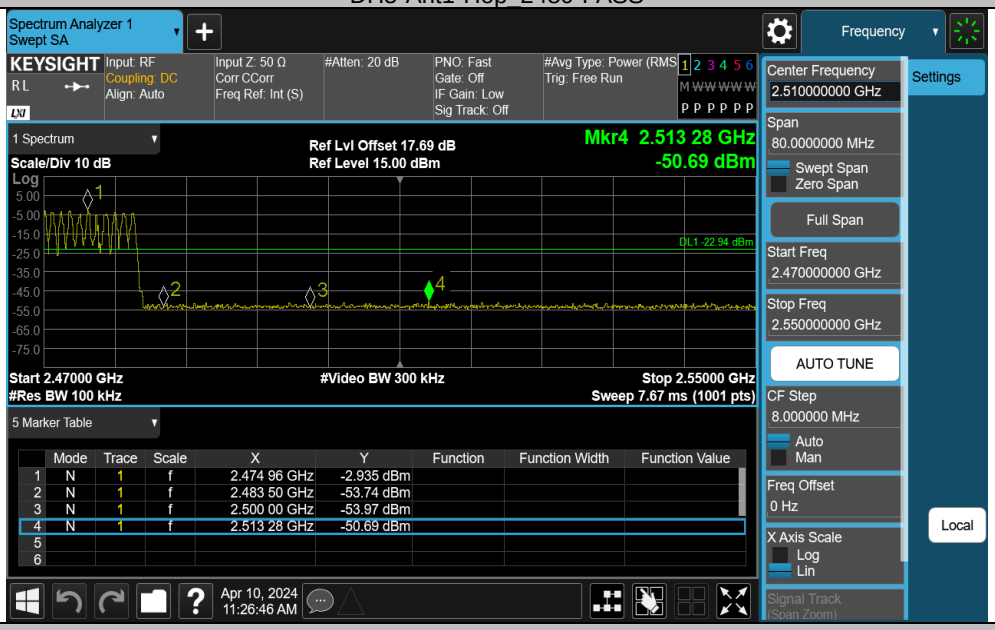
DH5-Ant1-2480-PASS



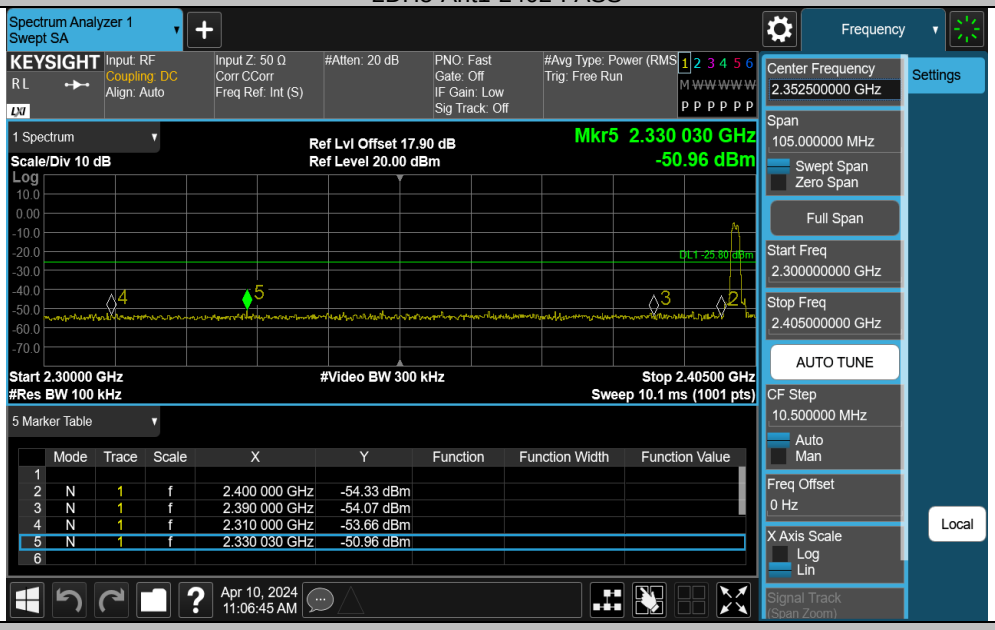
DH5-Ant1-Hop_2402-PASS



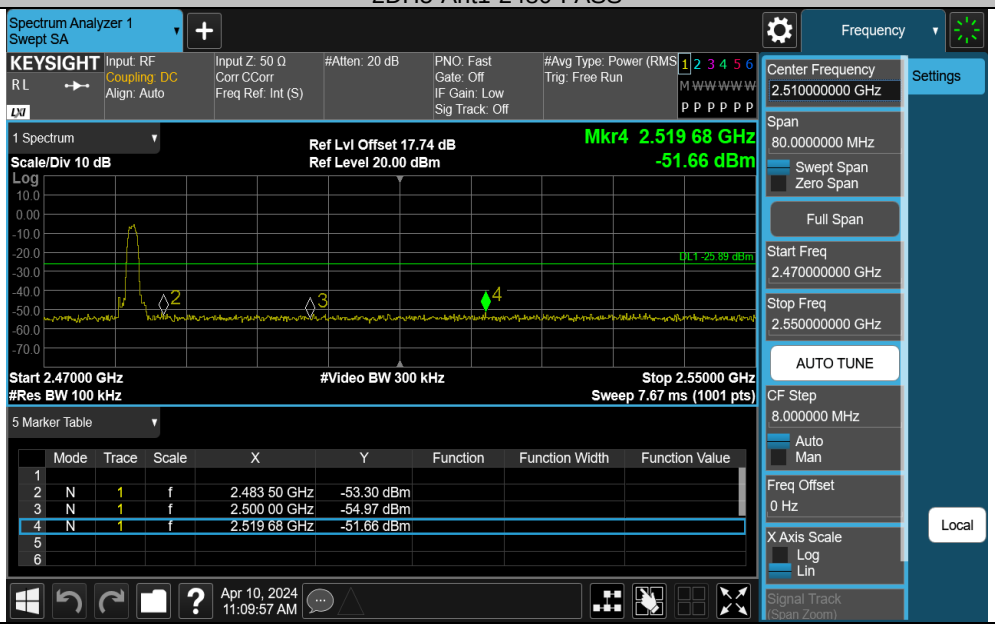
DH5-Ant1-Hop_2480-PASS



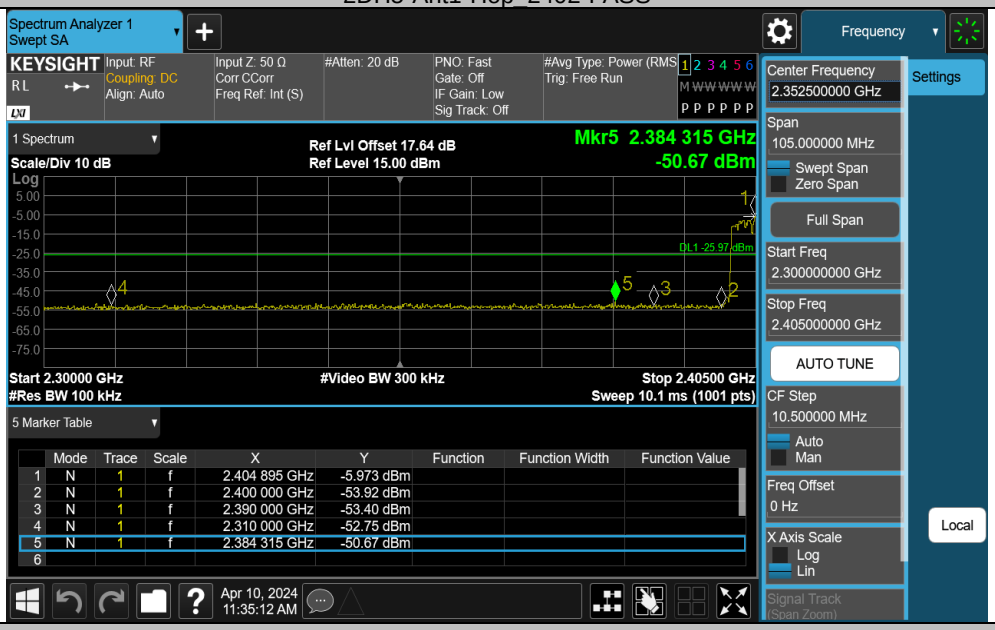
2DH5-Ant1-2402-PASS



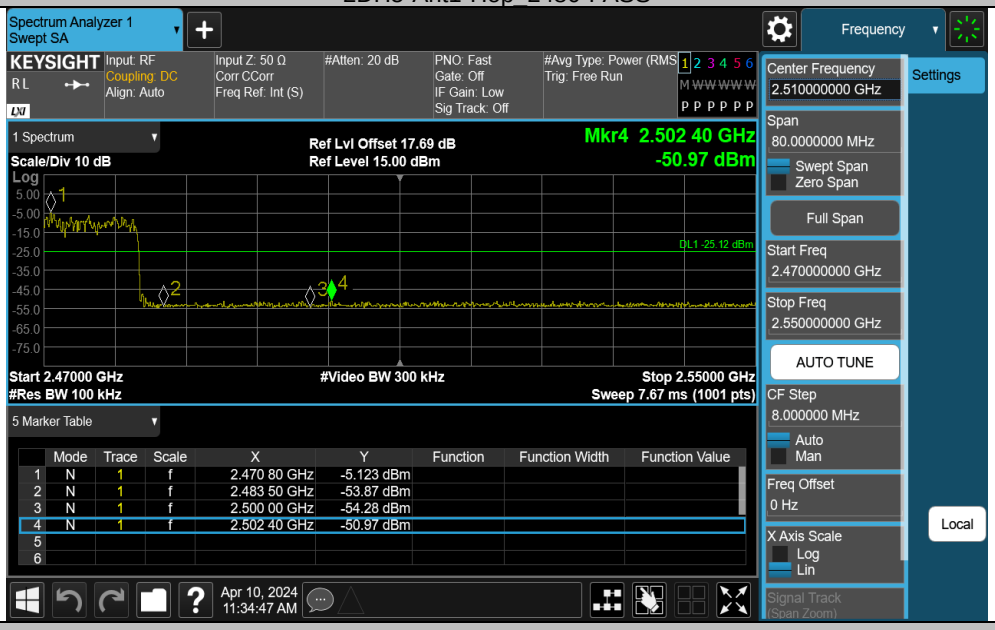
2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS

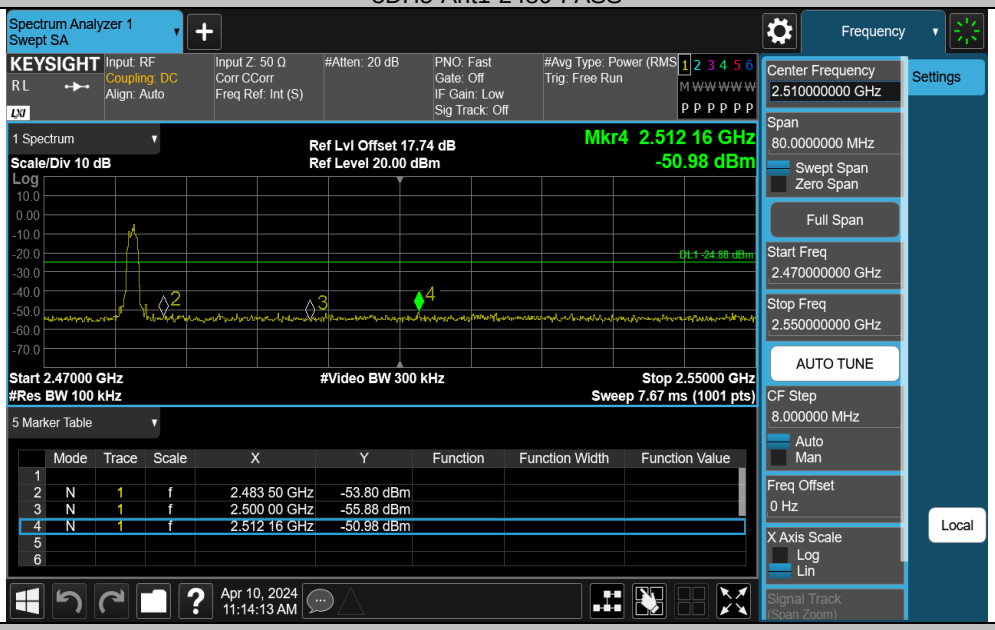


2DH5-Ant1-Hop_2480-PASS

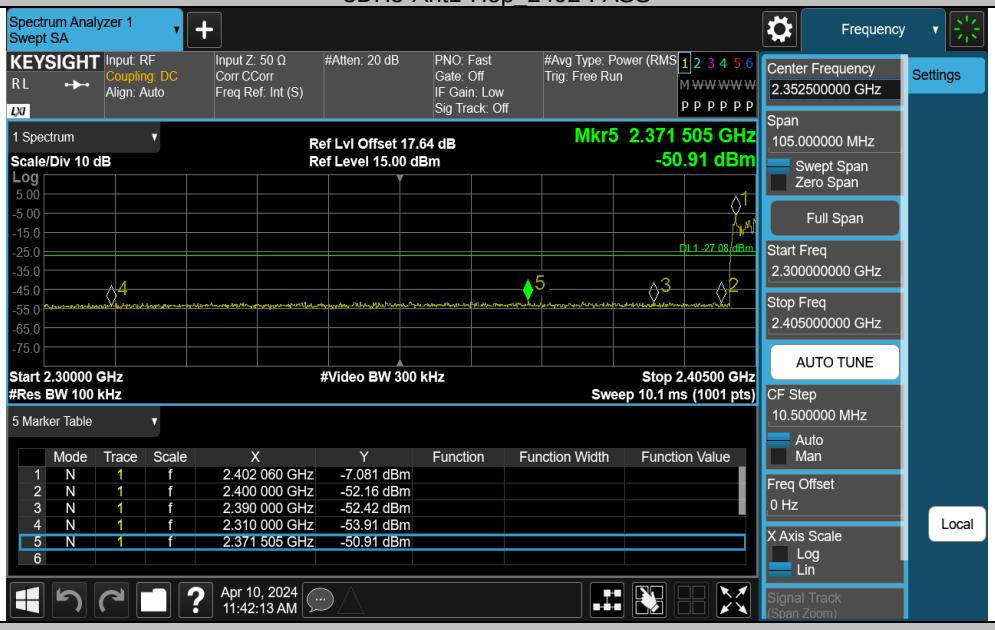


3DH5-Ant1-2402-PASS

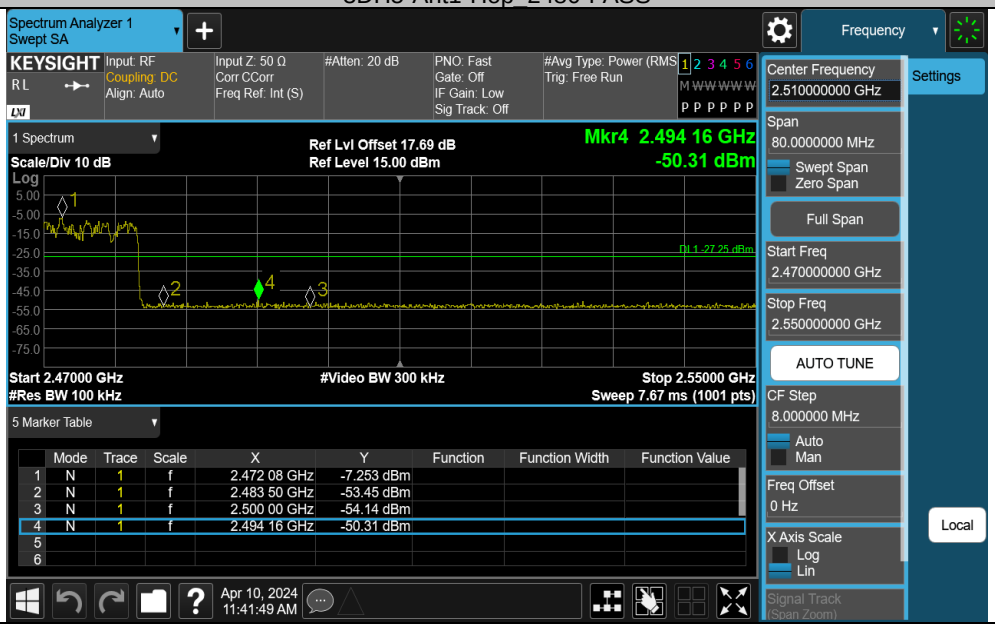
3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS



Appendix G: Conducted Spurious Emission

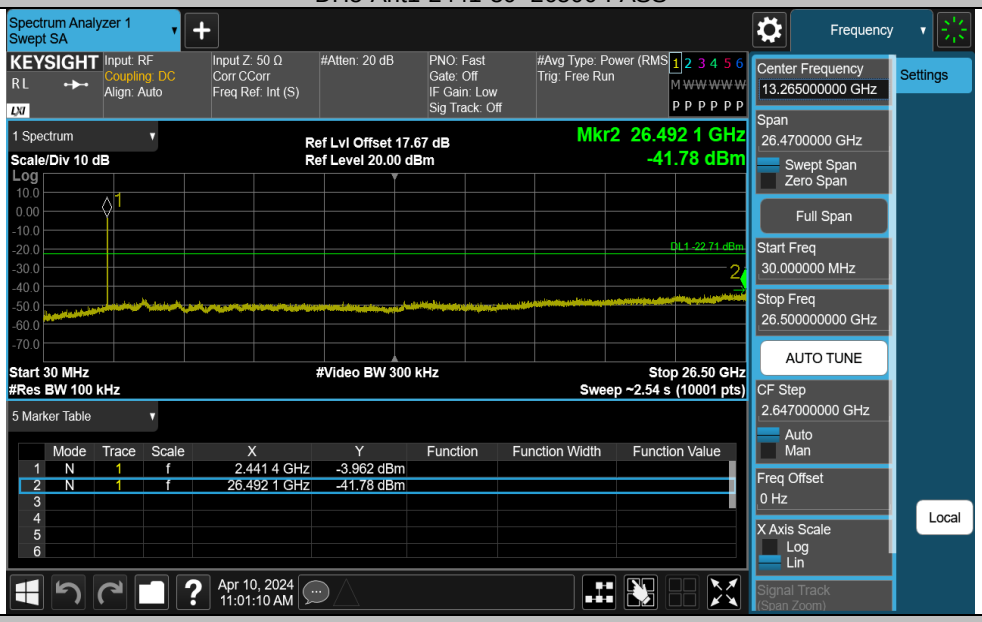
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~26500	-2.55	-43	≤-22.55	PASS
DH5	Ant1	2441	30~26500	-2.71	-41.78	≤-22.71	PASS
DH5	Ant1	2480	30~26500	-3.12	-43.47	≤-23.12	PASS
2DH5	Ant1	2402	30~26500	-5.80	-43.45	≤-25.8	PASS
2DH5	Ant1	2441	30~26500	-4.48	-43.55	≤-24.48	PASS
2DH5	Ant1	2480	30~26500	-5.89	-43.62	≤-25.89	PASS
3DH5	Ant1	2402	30~26500	-4.98	-43.18	≤-24.98	PASS
3DH5	Ant1	2441	30~26500	-5.02	-42.9	≤-25.02	PASS
3DH5	Ant1	2480	30~26500	-4.88	-42.49	≤-24.88	PASS

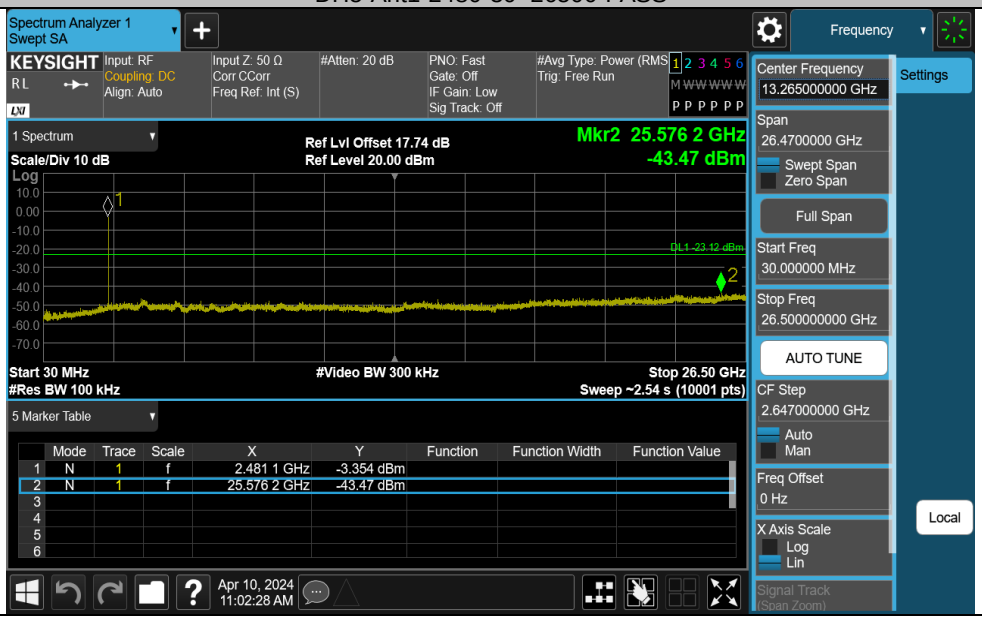
Test Graphs

DH5-Ant1-2402-30~26500-PASS

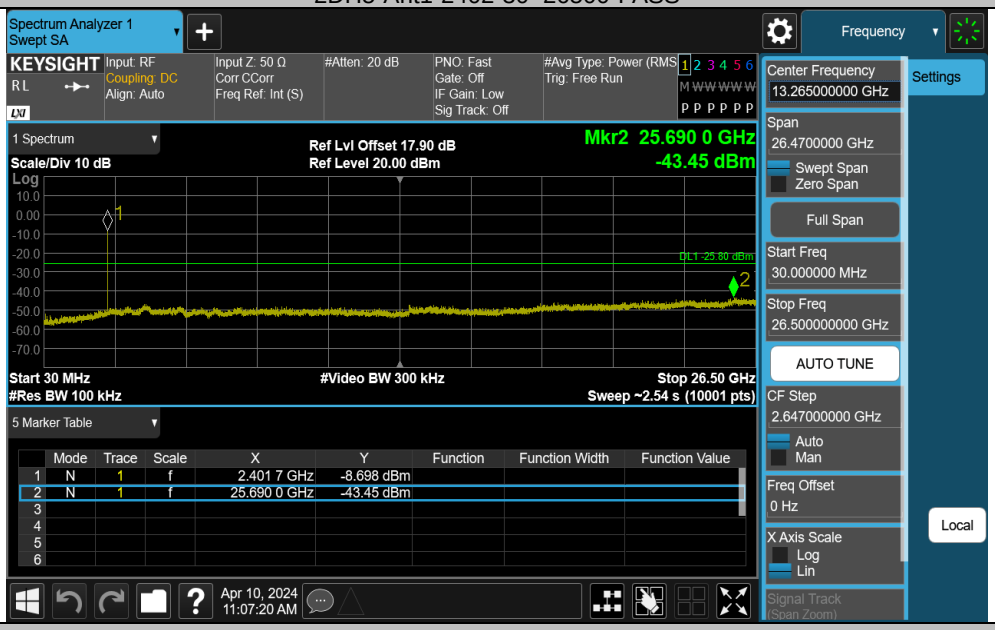
DH5-Ant1-2441-30~26500-PASS



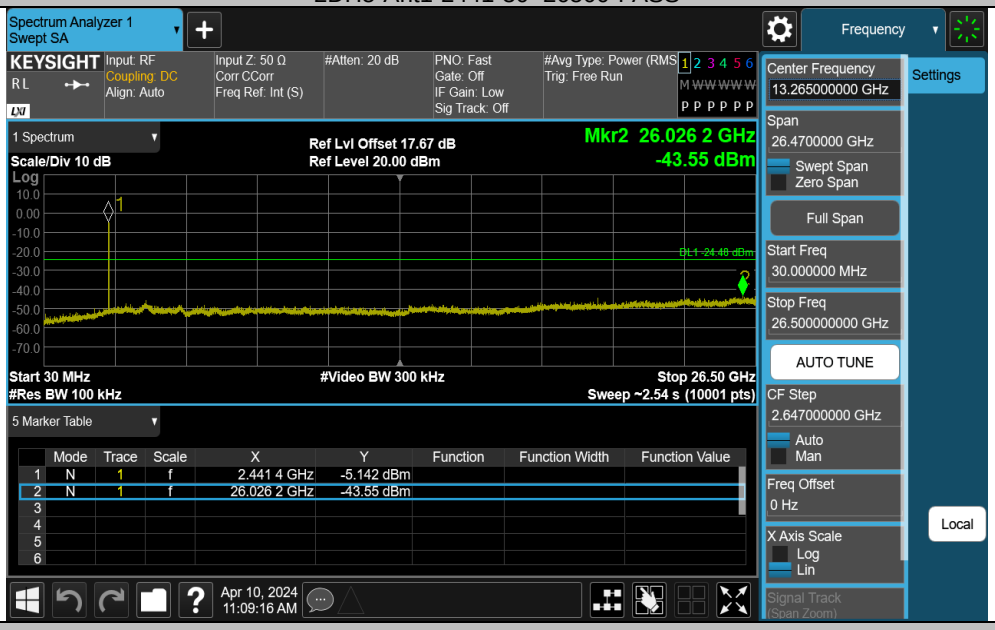
DH5-Ant1-2480-30~26500-PASS



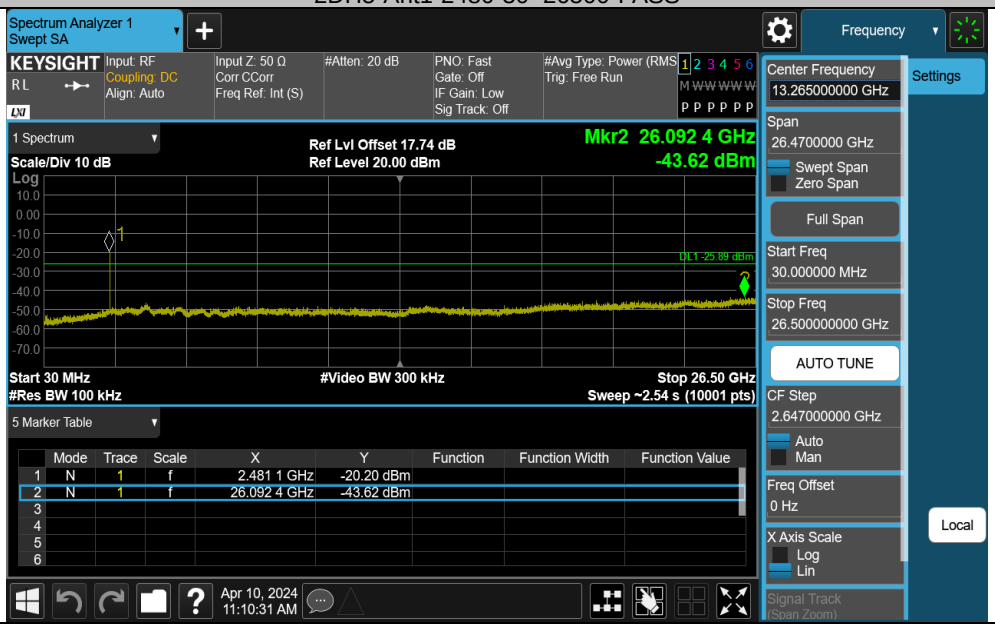
2DH5-Ant1-2402-30~26500-PASS



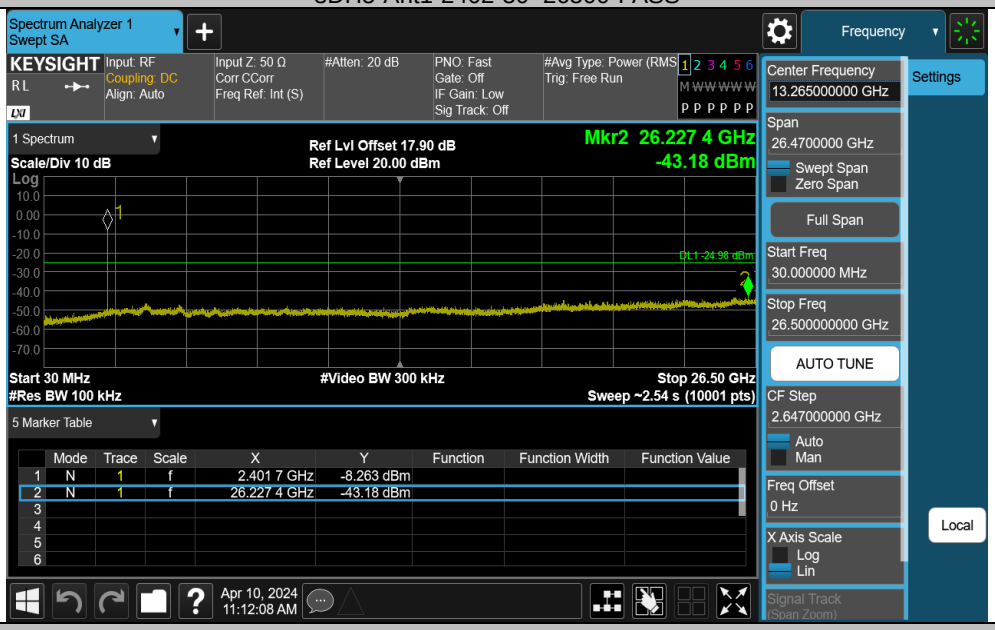
2DH5-Ant1-2441-30~26500-PASS



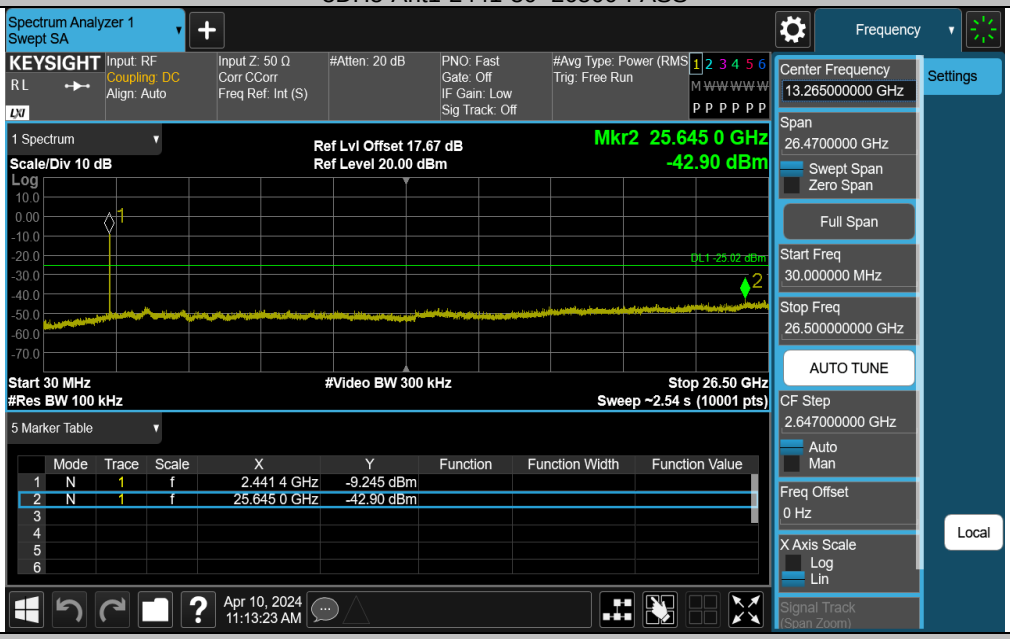
2DH5-Ant1-2480-30~26500-PASS



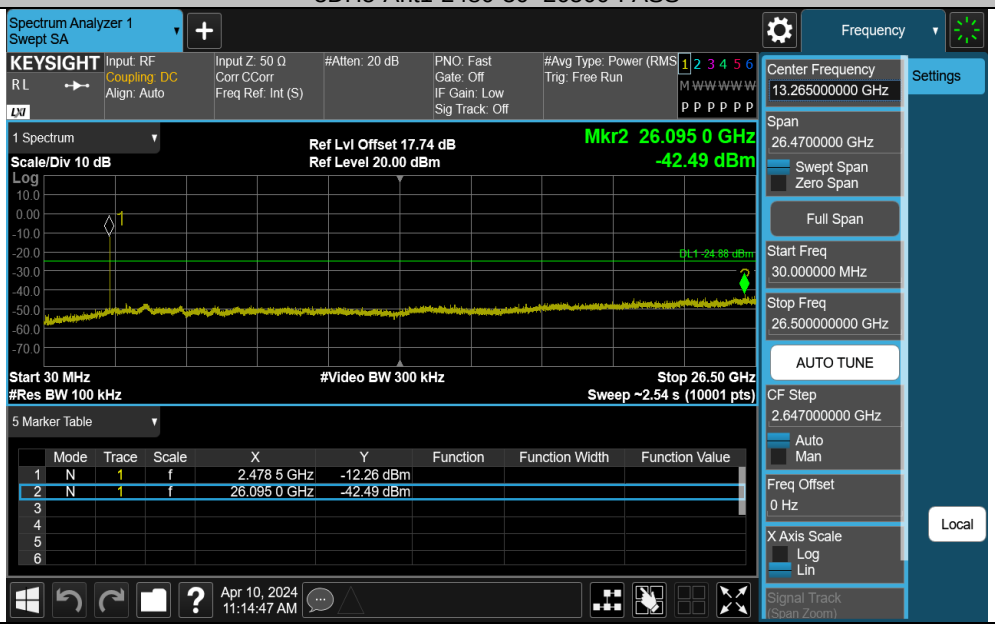
3DH5-Ant1-2402-30~26500-PASS



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



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



Appendix H: Reference level measurement

Test Result

Test Mode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2402.15	-2.55
DH5	Ant1	2441	2441.02	-2.71
DH5	Ant1	2480	2480.00	-3.12
2DH5	Ant1	2402	2402.29	-5.80
2DH5	Ant1	2441	2441.11	-4.48
2DH5	Ant1	2480	2480.09	-5.89
3DH5	Ant1	2402	2401.80	-4.98
3DH5	Ant1	2441	2440.80	-5.02
3DH5	Ant1	2480	2479.83	-4.88

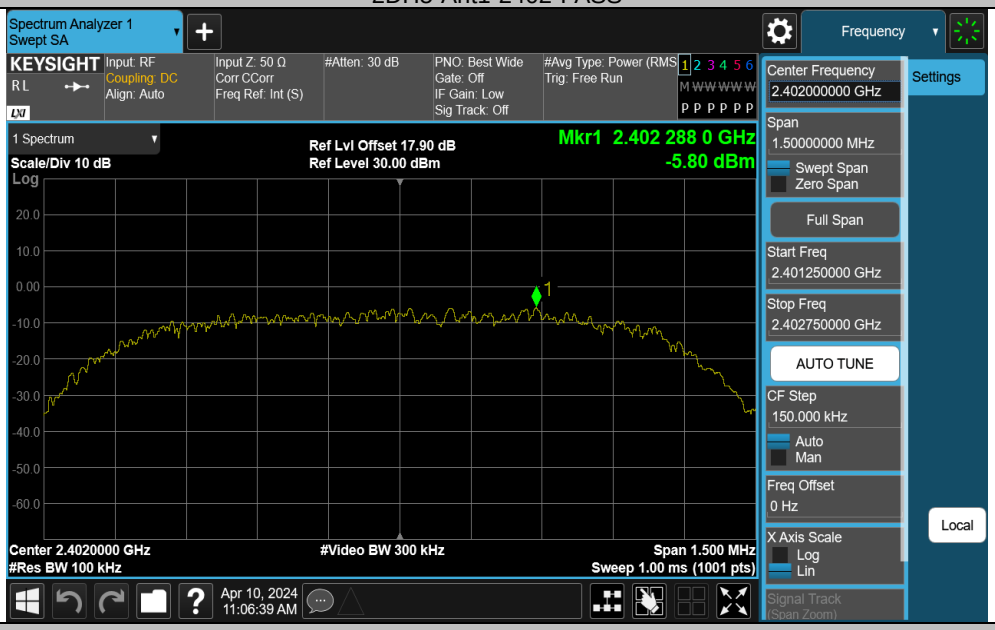
Test Graphs

DH5-Ant1-2402-PASS

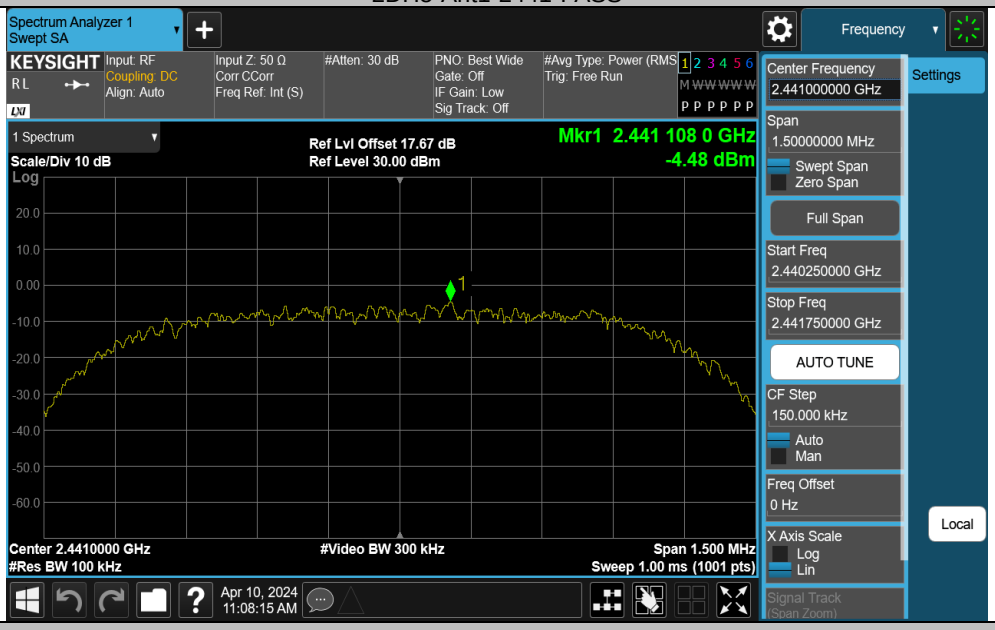
DH5-Ant1-2441-PASS

DH5-Ant1-2480-PASS

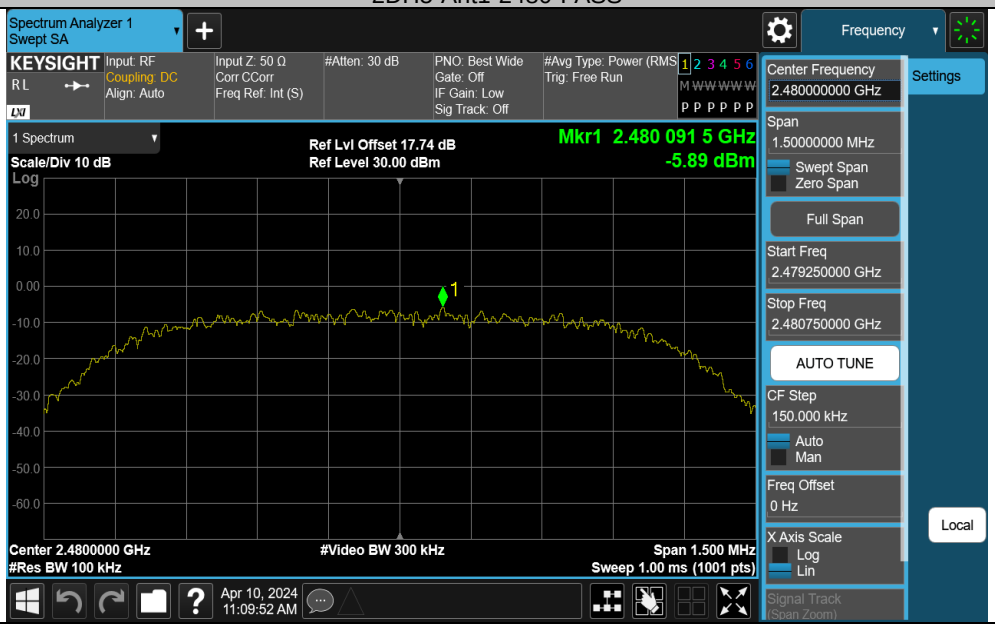
2DH5-Ant1-2402-PASS



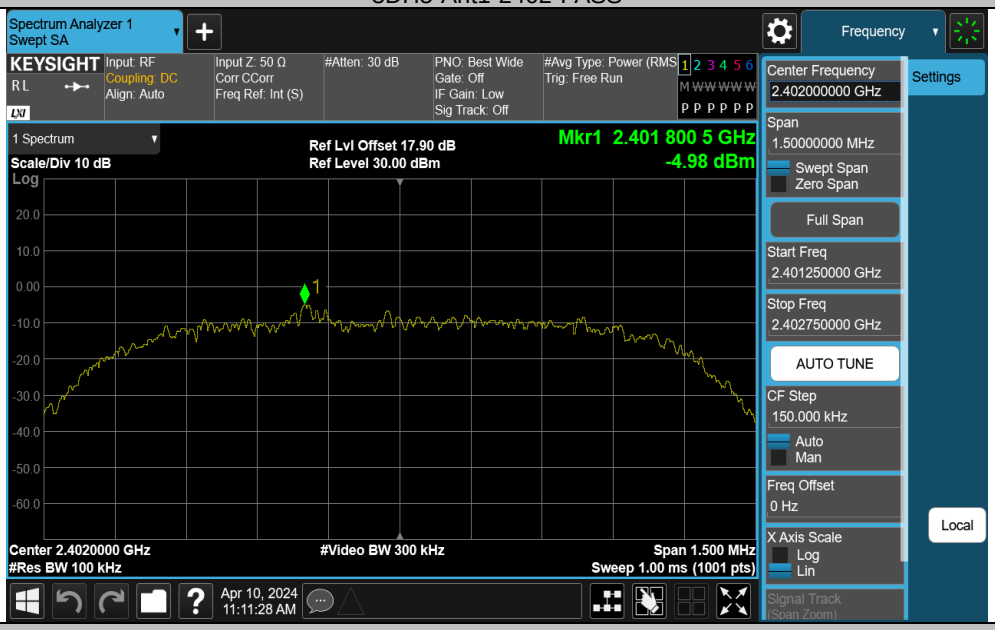
2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS

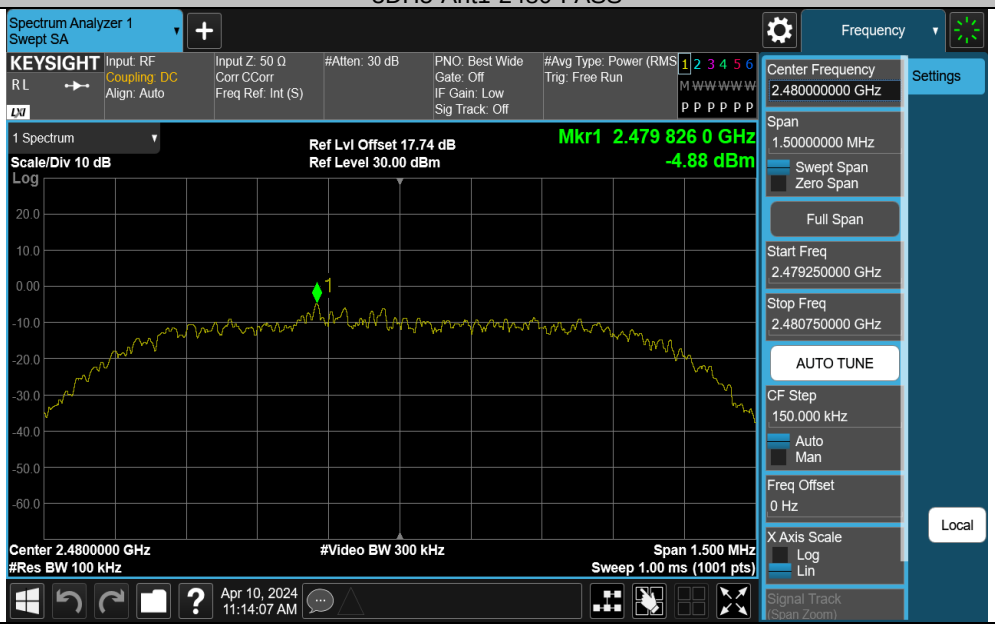


3DH5-Ant1-2402-PASS



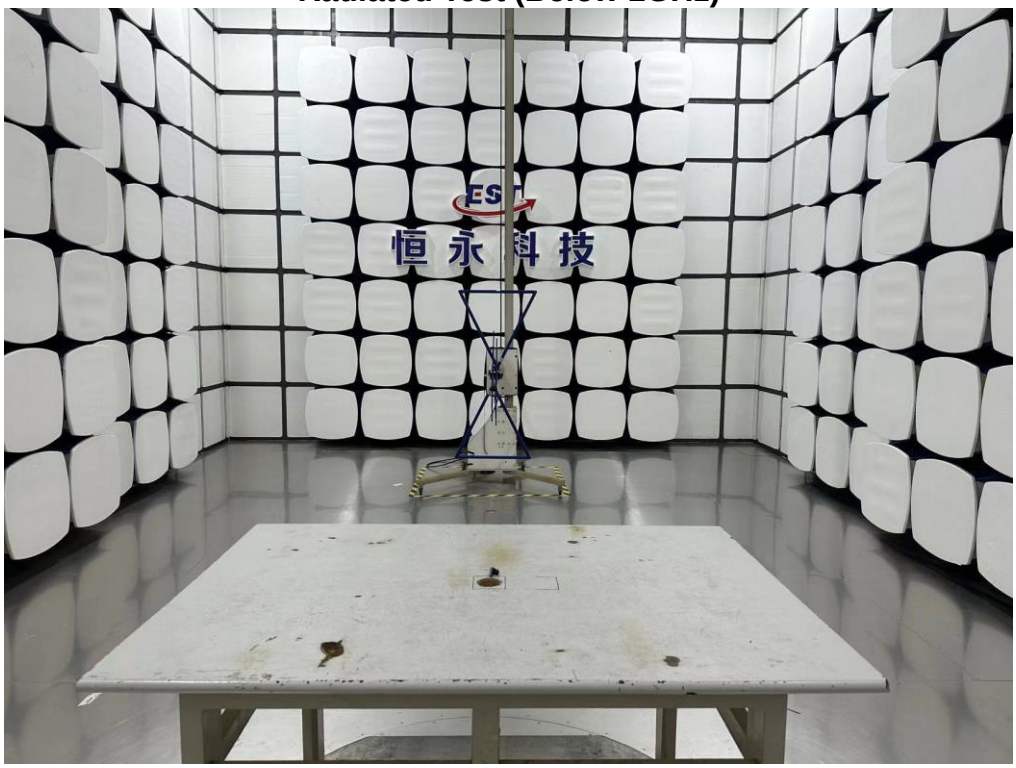
3DH5-Ant1-2441-PASS

3DH5-Ant1-2480-PASS

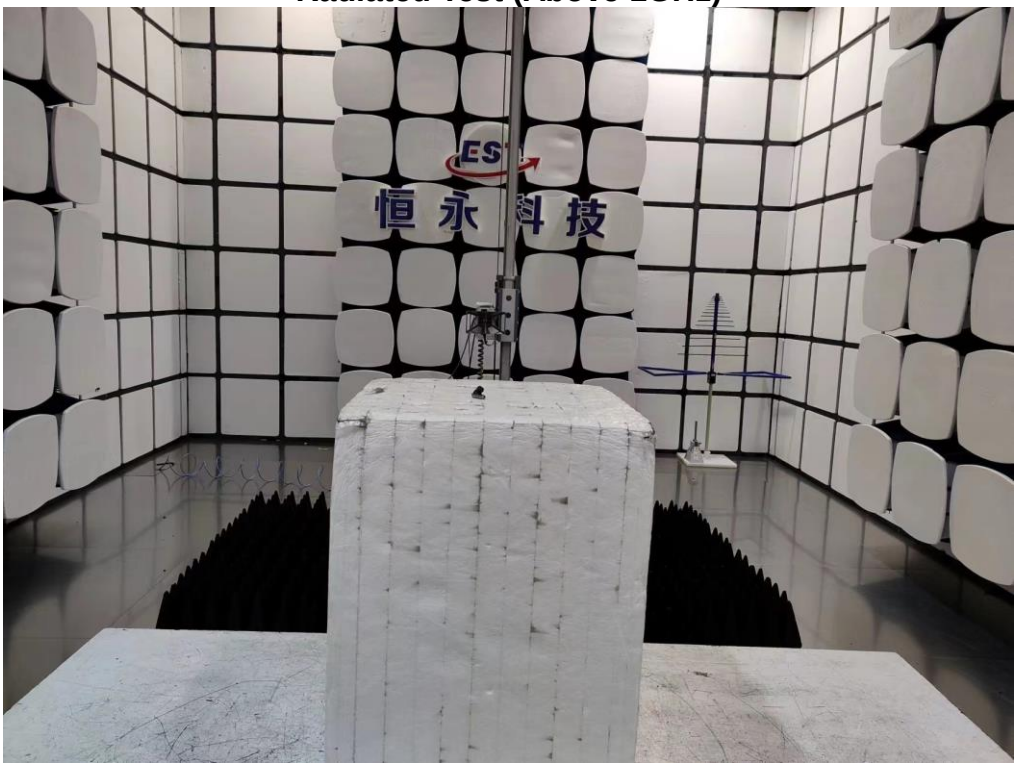


13. TEST SETUP PHOTO

Radiated Test (Below 1GHz)



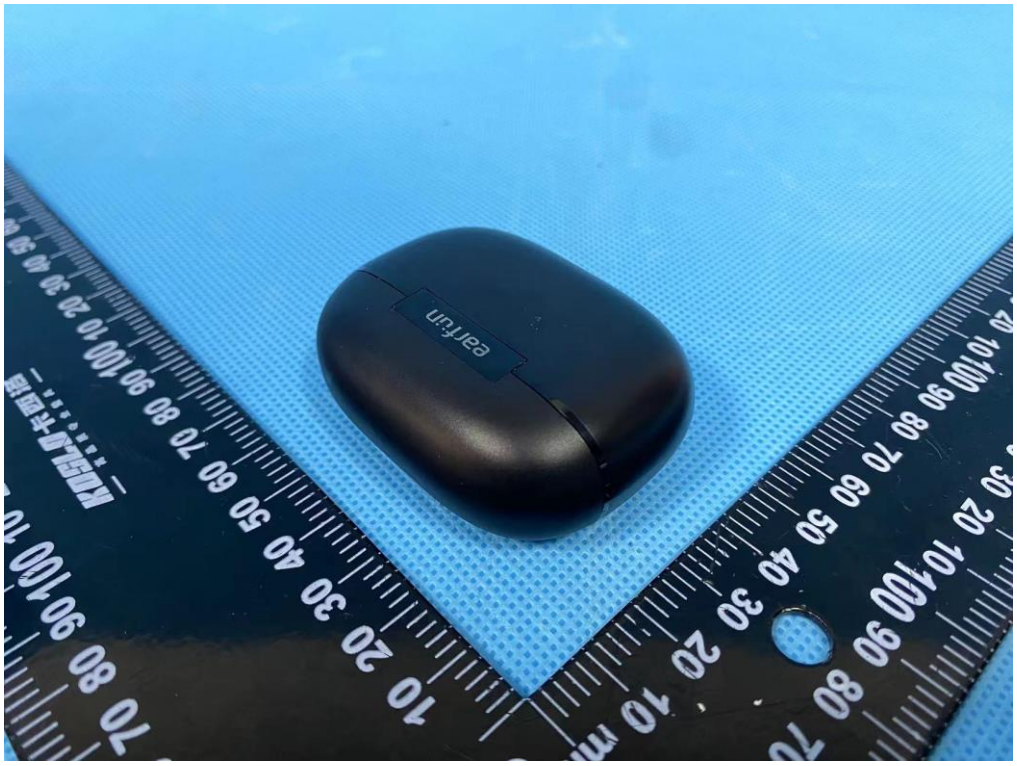
Radiated Test (Above 1GHz)



14. EUT PHOTO

External Photos

M/N: TW220

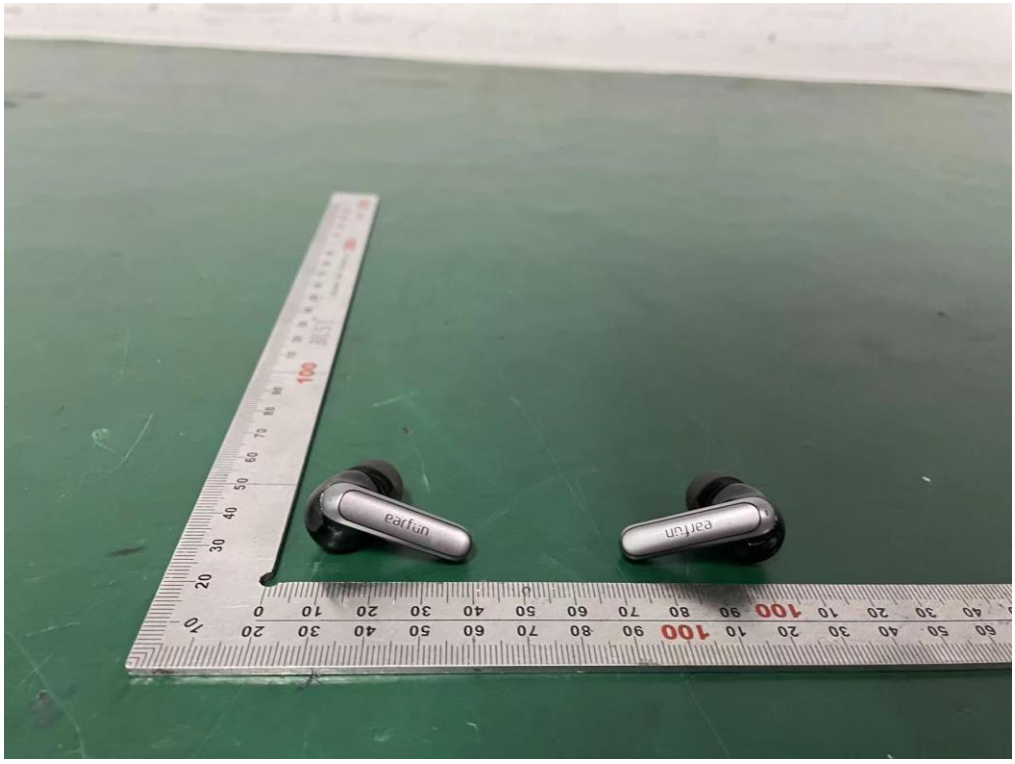


External Photos

M/N: TW220

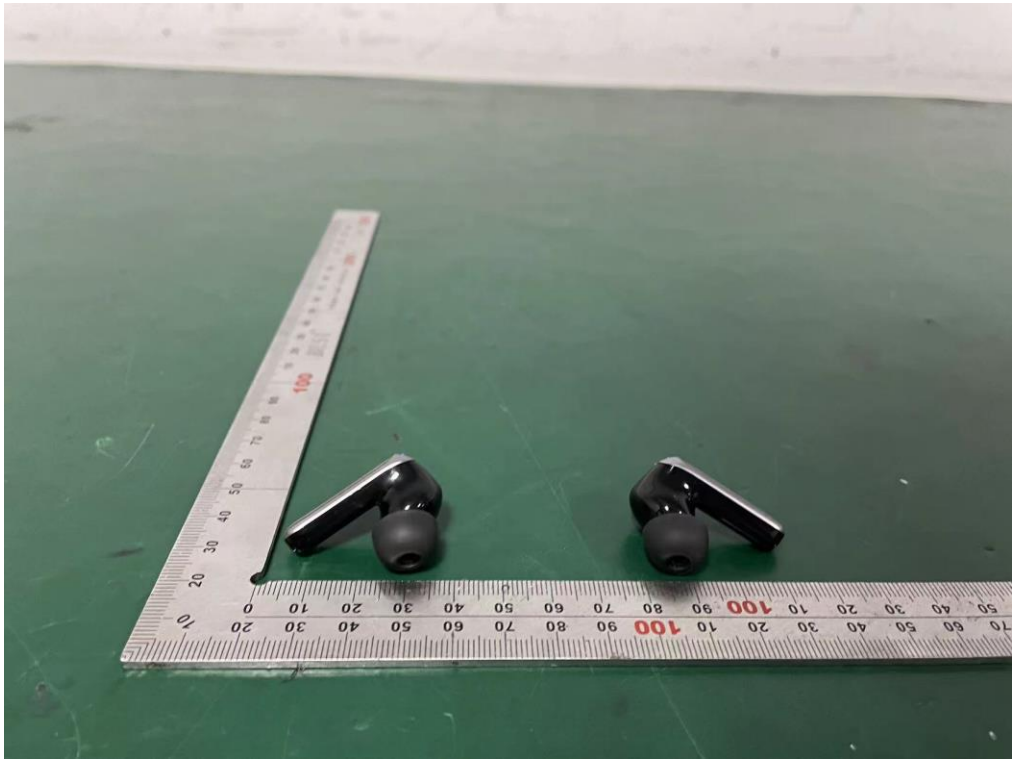
External Photos

M/N: TW220



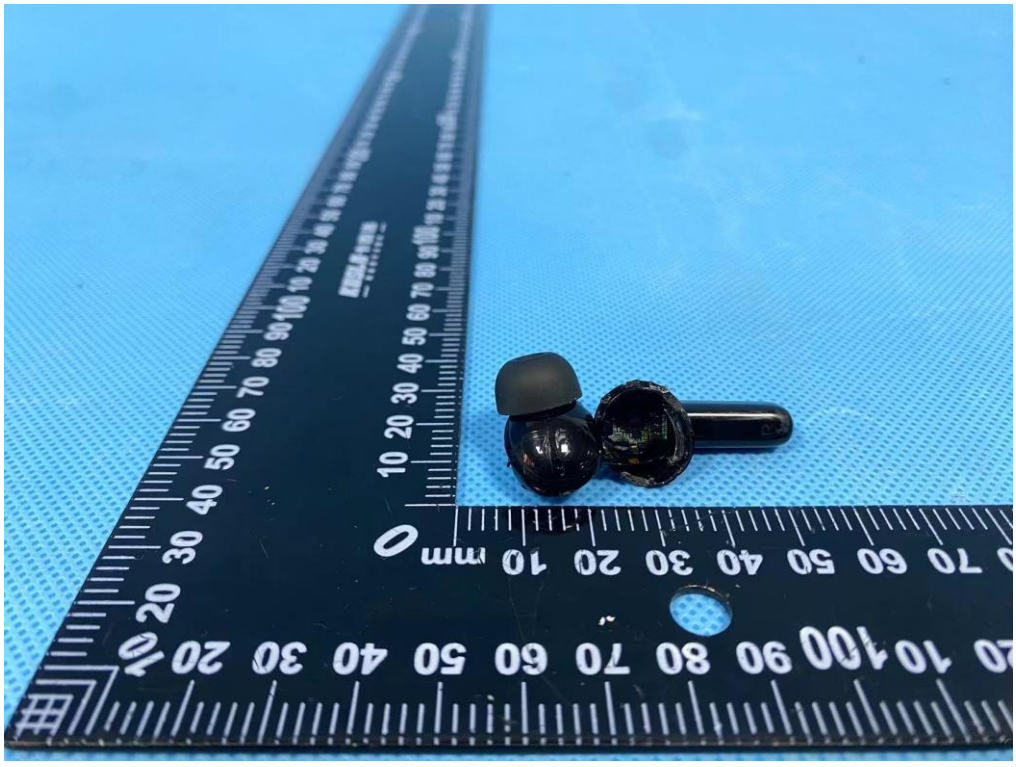
External Photos

M/N: TW220



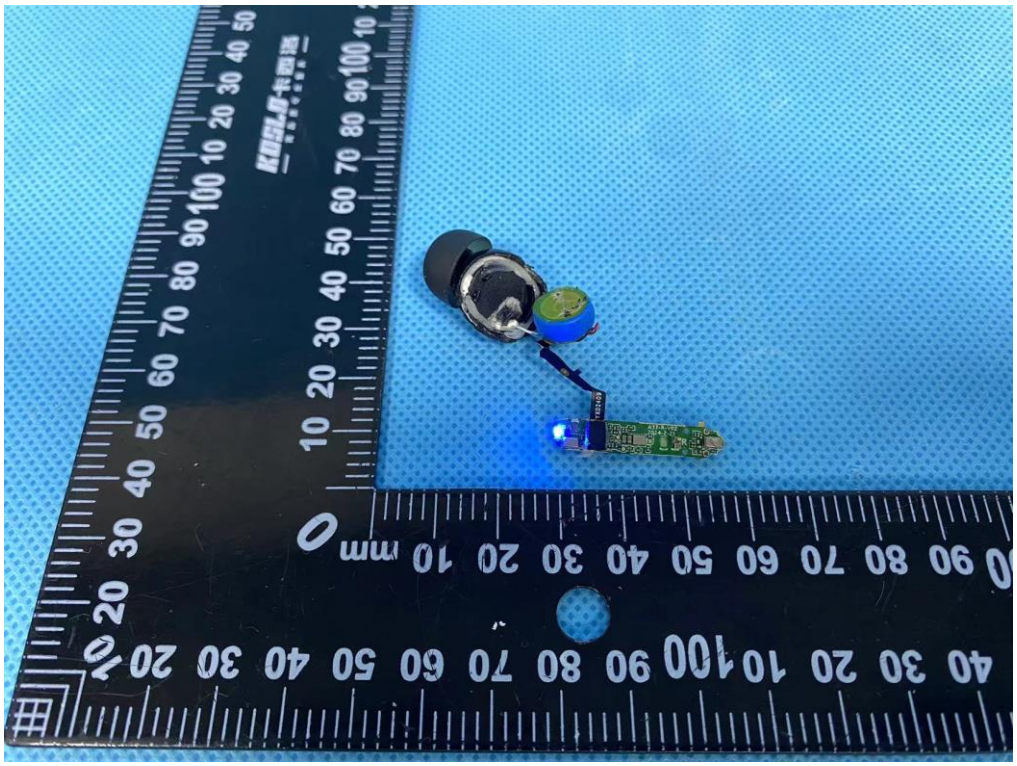
Internal Photos

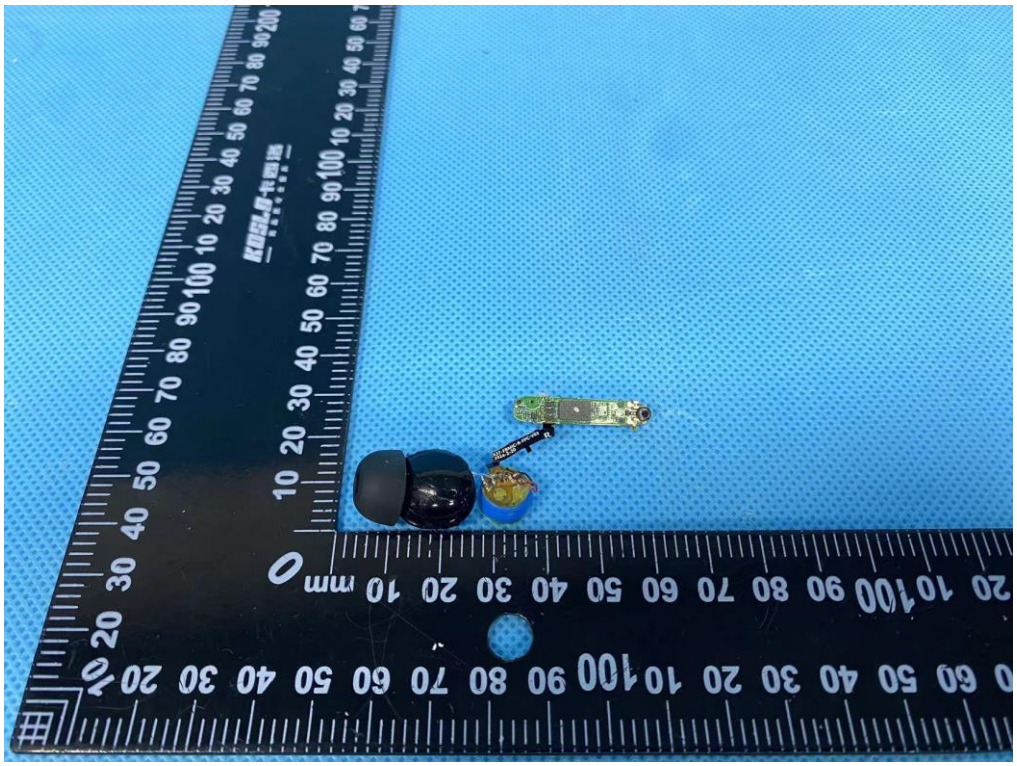
M/N: TW220



Internal Photos

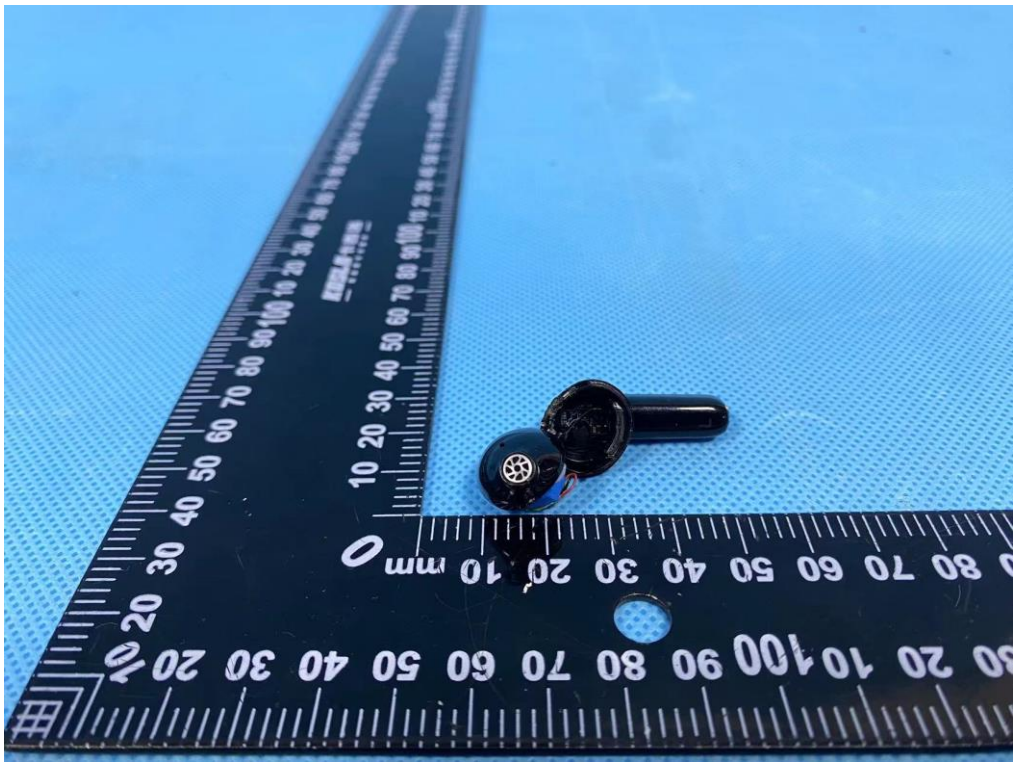
M/N: TW220

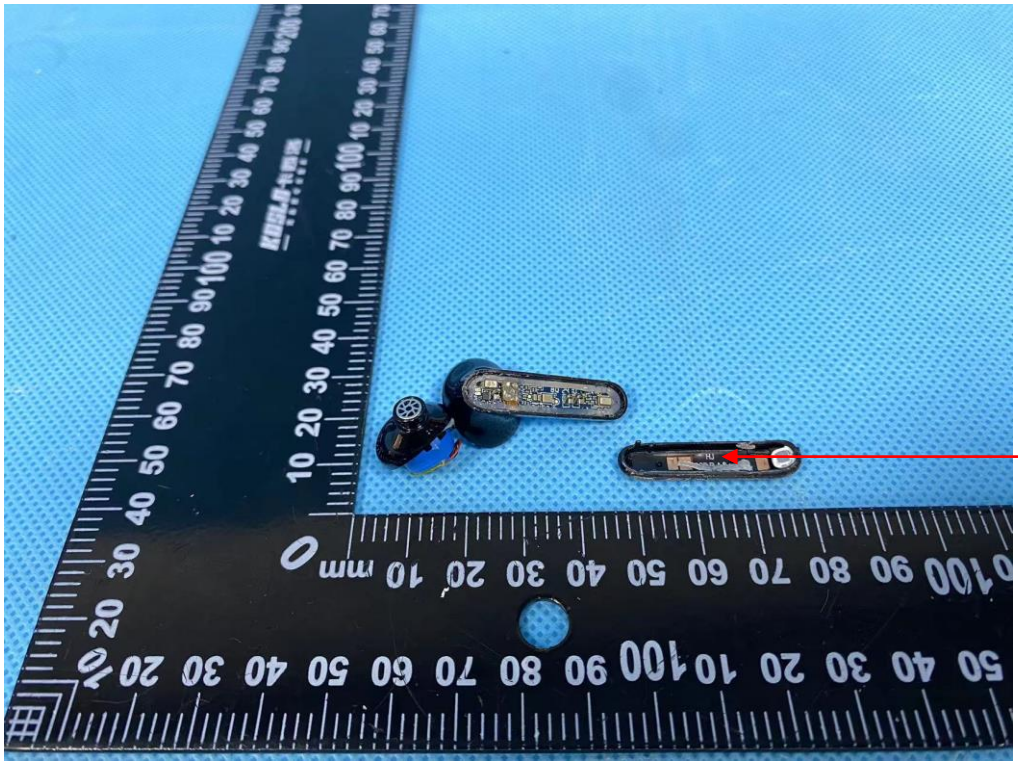




Internal Photos

M/N: TW220





Internal Photos

M/N: TW220

End of Test Report