



Conducted Emission Method

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-21.11	-21.11	---	PASS
DH5	Ant1	2402	30~1000	-21.11	-53.43	≤ -41.11	PASS
DH5	Ant1	2402	1000~26500	-21.11	-43.11	≤ -41.11	PASS
DH5	Ant1	2441	0~Reference	-20.39	-20.39	---	PASS
DH5	Ant1	2441	30~1000	-20.39	-55.29	≤ -40.39	PASS
DH5	Ant1	2441	1000~26500	-20.39	-42.84	≤ -40.39	PASS
DH5	Ant1	2480	0~Reference	-20.34	-20.34	---	PASS
DH5	Ant1	2480	1000~26500	-20.34	-42.55	≤ -40.34	PASS
DH5	Ant1	2480	30~1000	-20.34	-54.77	≤ -40.34	PASS
2DH5	Ant1	2402	0~Reference	-21.11	-21.11	---	PASS
2DH5	Ant1	2402	30~1000	-21.11	-54.5	≤ -41.11	PASS
2DH5	Ant1	2402	1000~26500	-21.11	-42.28	≤ -41.11	PASS
2DH5	Ant1	2441	0~Reference	-20.48	-20.48	---	PASS
2DH5	Ant1	2441	30~1000	-20.48	-46	≤ -40.48	PASS
2DH5	Ant1	2441	1000~26500	-20.48	-43.06	≤ -40.48	PASS
2DH5	Ant1	2480	0~Reference	-20.17	-20.17	---	PASS
2DH5	Ant1	2480	30~1000	-20.17	-55.12	≤ -40.17	PASS
2DH5	Ant1	2480	1000~26500	-20.17	-42.22	≤ -40.17	PASS
3DH5	Ant1	2402	1000~26500	-20.73	-42.51	≤ -40.73	PASS
3DH5	Ant1	2441	0~Reference	-20.21	-20.21	---	PASS
3DH5	Ant1	2402	0~Reference	-20.73	-20.73	---	PASS
3DH5	Ant1	2402	30~1000	-20.73	-53.31	≤ -40.73	PASS
3DH5	Ant1	2441	30~1000	-20.21	-54.49	≤ -40.21	PASS
3DH5	Ant1	2441	1000~26500	-20.21	-42.49	≤ -40.21	PASS
3DH5	Ant1	2480	0~Reference	-20.34	-20.34	---	PASS
3DH5	Ant1	2480	30~1000	-20.34	-51.59	≤ -40.34	PASS
3DH5	Ant1	2480	1000~26500	-20.34	-42.56	≤ -40.34	PASS



Test Graphs:

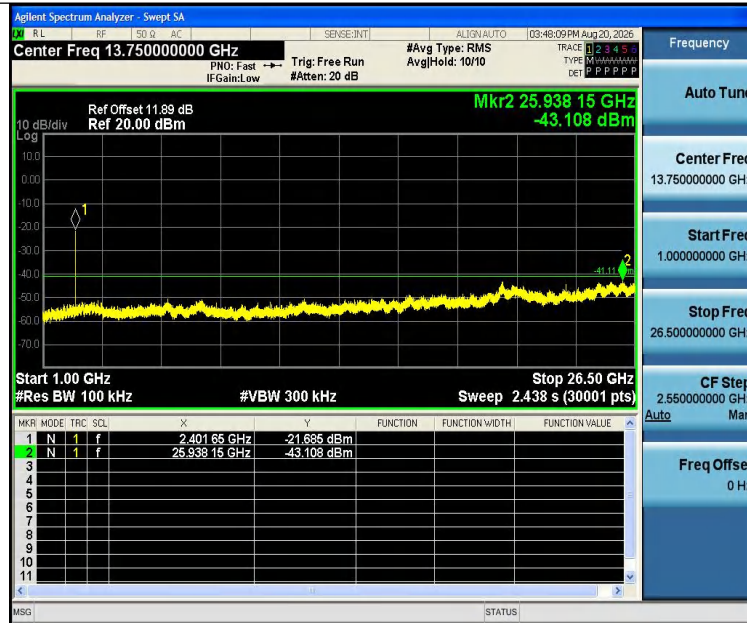
DH5-Ant1-2402-0~Reference-PASS



DH5-Ant1-2402-30~1000-PASS



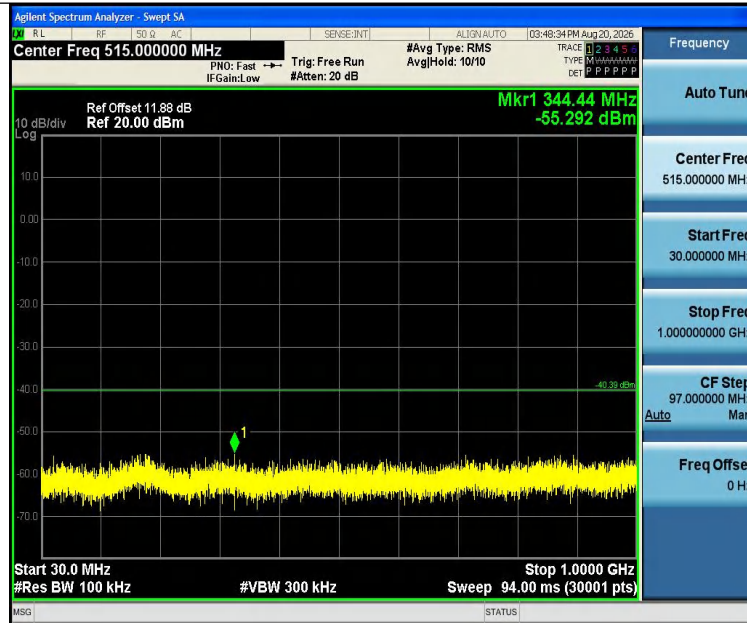
DH5-Ant1-2402-1000~26500-PASS



DH5-Ant1-2441-0~Reference-PASS



DH5-Ant1-2441-30~1000-PASS



DH5-Ant1-2441-1000~26500-PASS



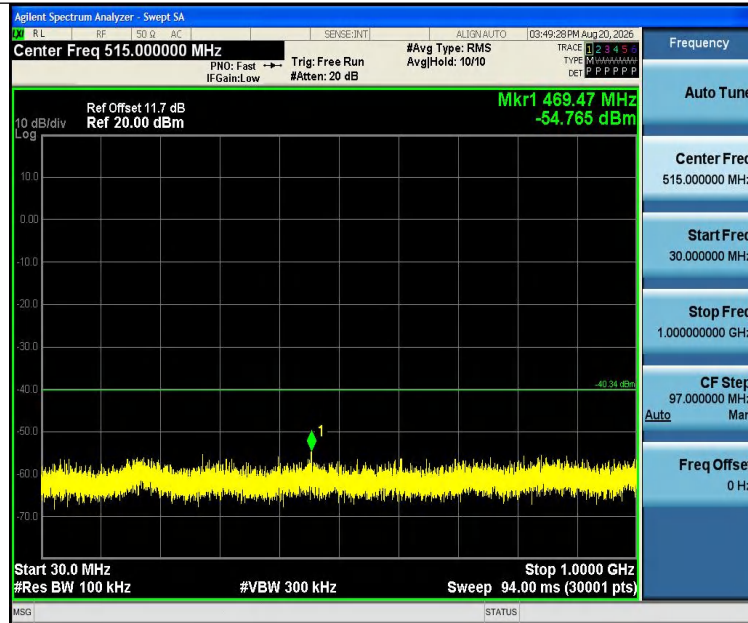
DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-1000~26500-PASS



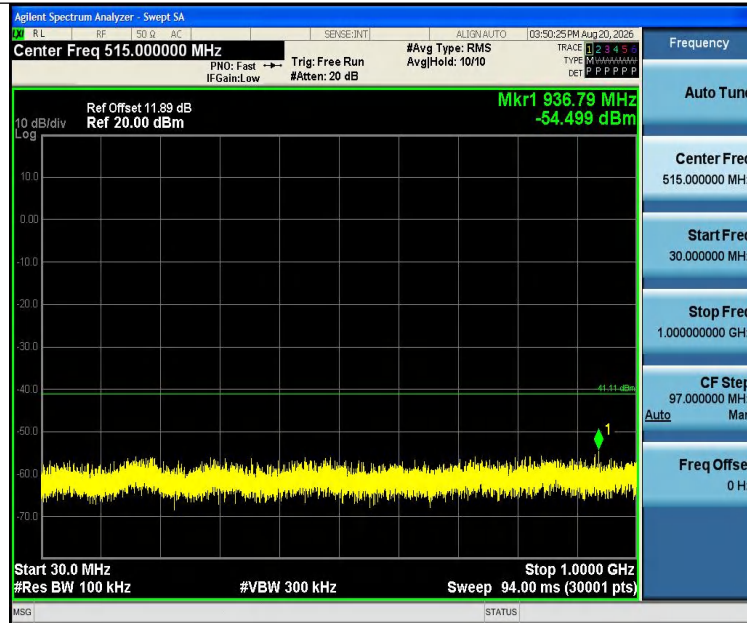
DH5-Ant1-2480-30~1000-PASS



2DH5-Ant1-2402-0~Reference-PASS



2DH5-Ant1-2402-30~1000-PASS



2DH5-Ant1-2402-1000~26500-PASS



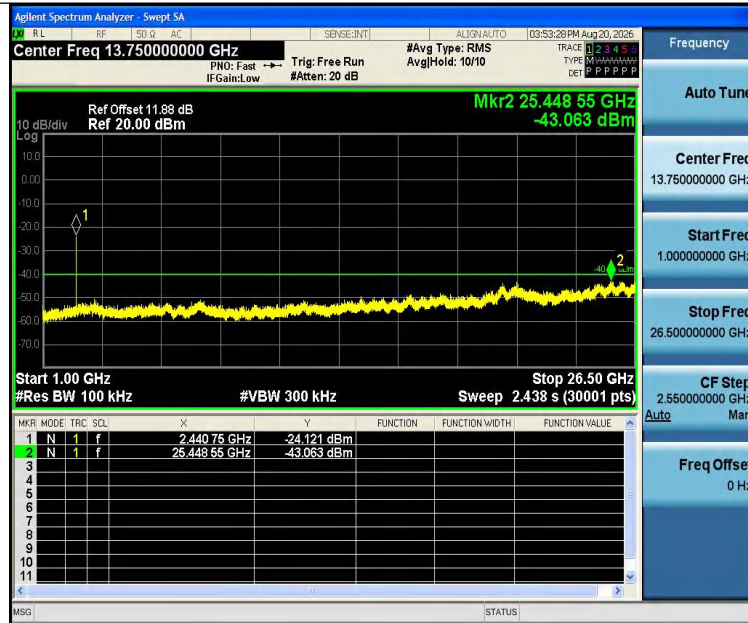
2DH5-Ant1-2441-0~Reference-PASS



2DH5-Ant1-2441-30~1000-PASS



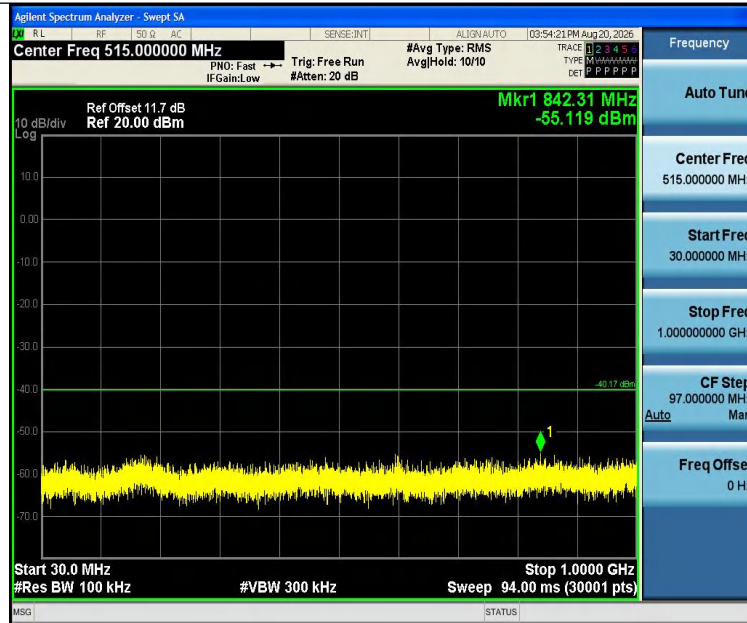
2DH5-Ant1-2441-1000~26500-PASS



2DH5-Ant1-2480-0~Reference-PASS



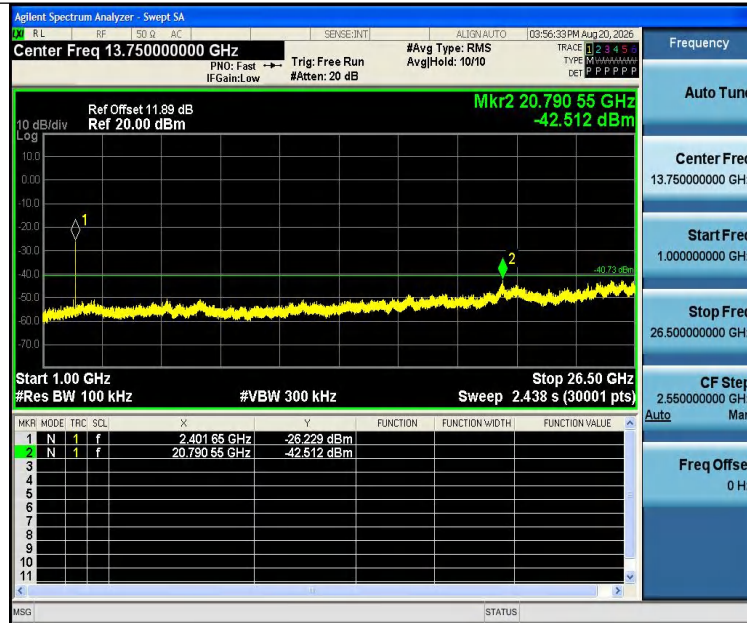
2DH5-Ant1-2480-30~1000-PASS



2DH5-Ant1-2480-1000~26500-PASS



3DH5-Ant1-2402-1000~26500-PASS



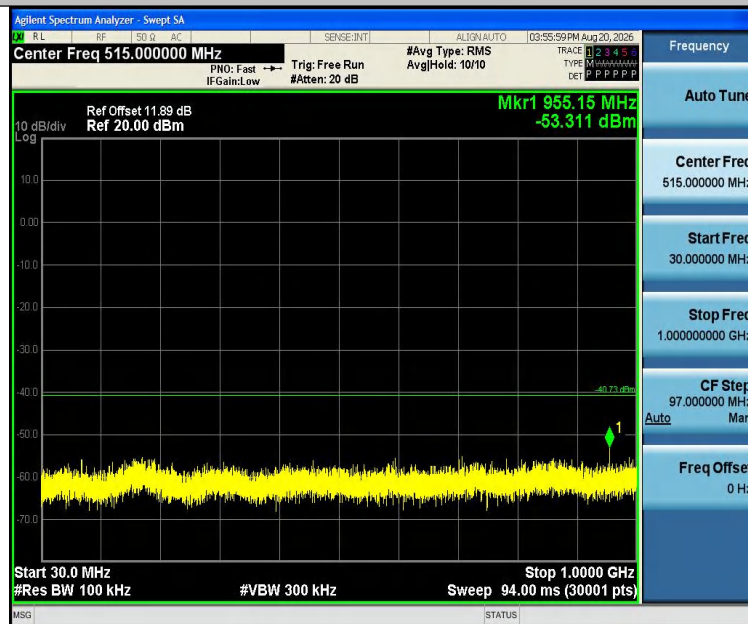
3DH5-Ant1-2441-0~Reference-PASS



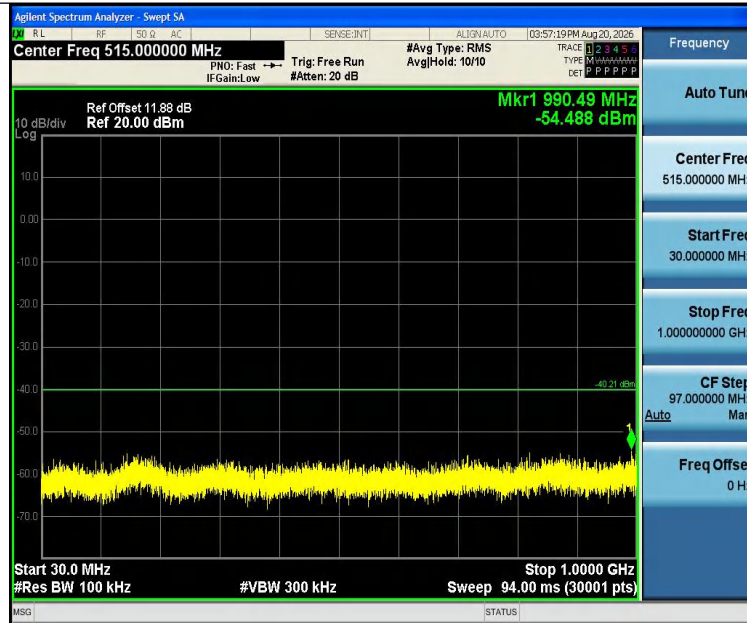
3DH5-Ant1-2402-0~Reference-PASS



3DH5-Ant1-2402-30~1000-PASS



3DH5-Ant1-2441-30~1000-PASS



3DH5-Ant1-2441-1000~26500-PASS



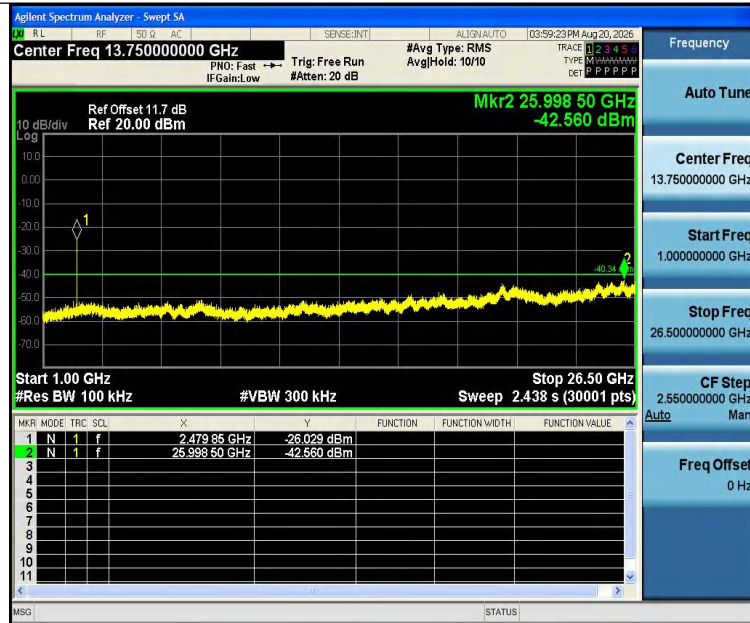
3DH5-Ant1-2480-0~Reference-PASS



3DH5-Ant1-2480-30~1000-PASS



3DH5-Ant1-2480-1000~26500-PASS





14 Antenna Requirement

14.1 Test Standard and Requirement

Test Standard	FCC Part15 Section 15.203 /247(c)
Requirement	1) 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 2) 15.247(c) (1)(i) requirement: Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

14.2 Antenna Connected Construction

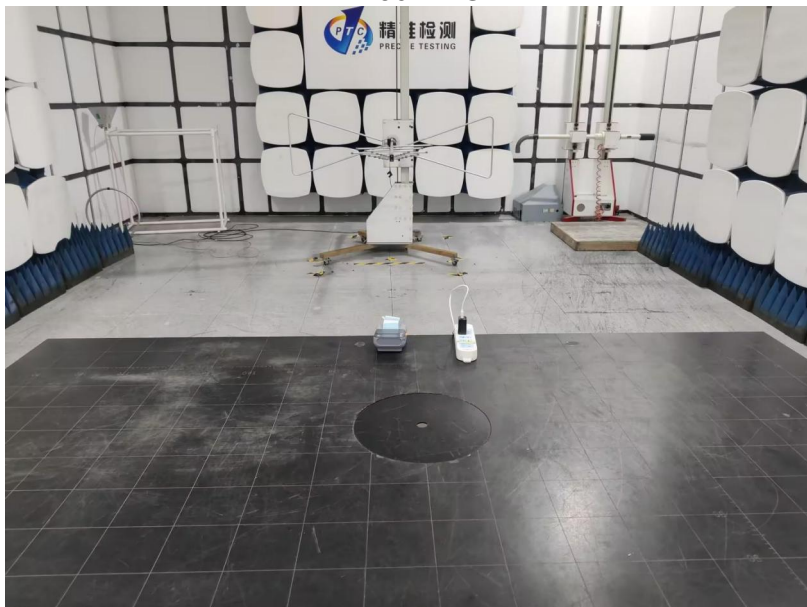
The antenna is PCB Antenna which permanently attached, and the best case gain of the antenna is 4.85 dBi. It complies with the standard requirement.

15 APPENDIX I -- TEST SETUP PHOTOGRAPH

Conducted Emissions



Radiated Emissions
From 30M-1GHz



Above 1GHz



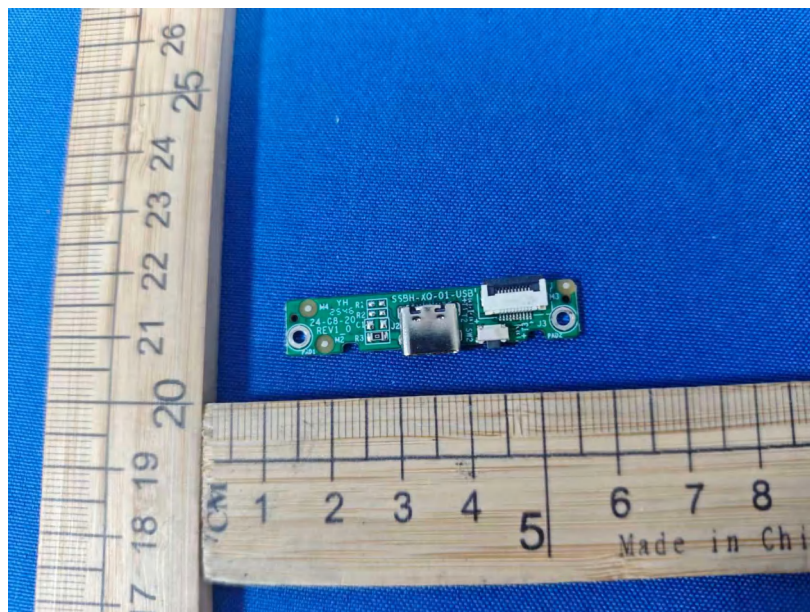
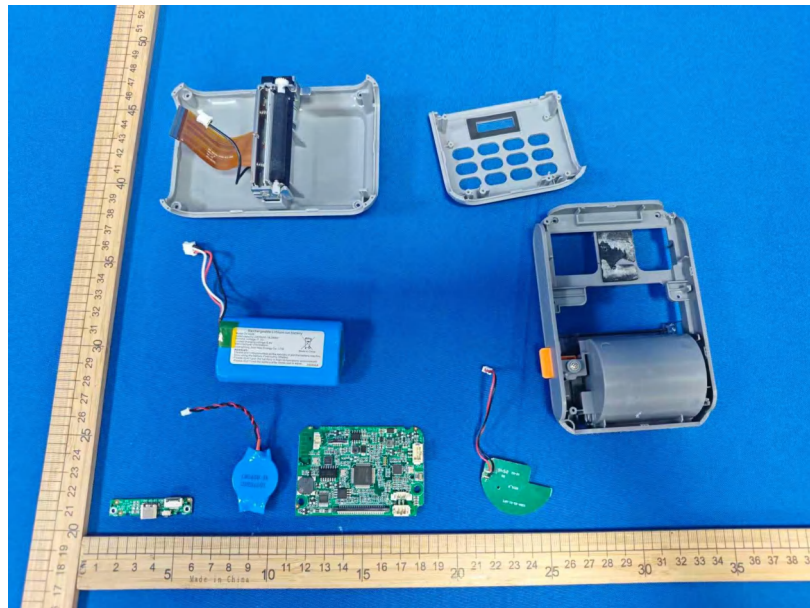
16 APPENDIX II -- EUT PHOTOGRAPH

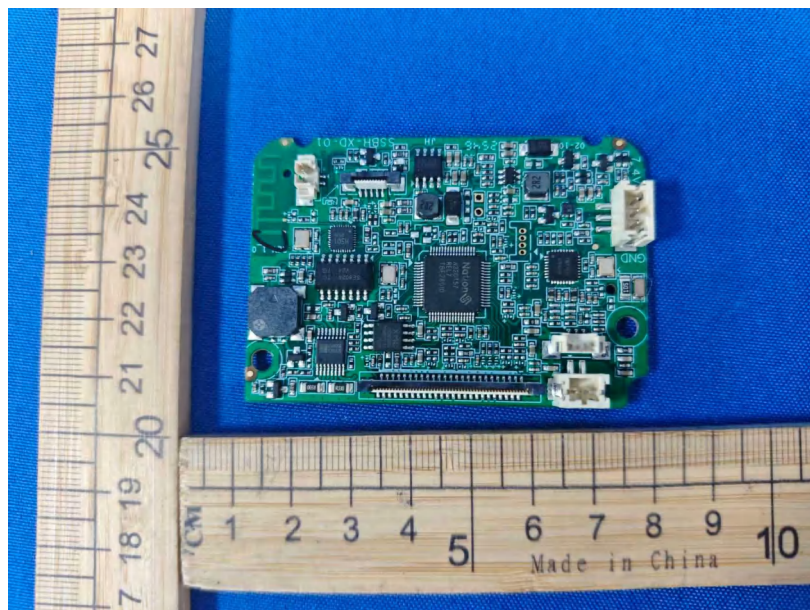
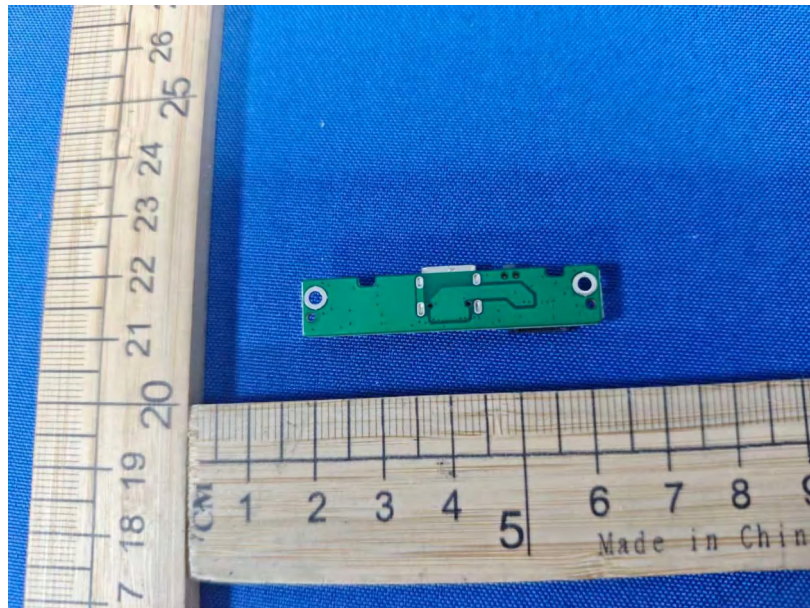


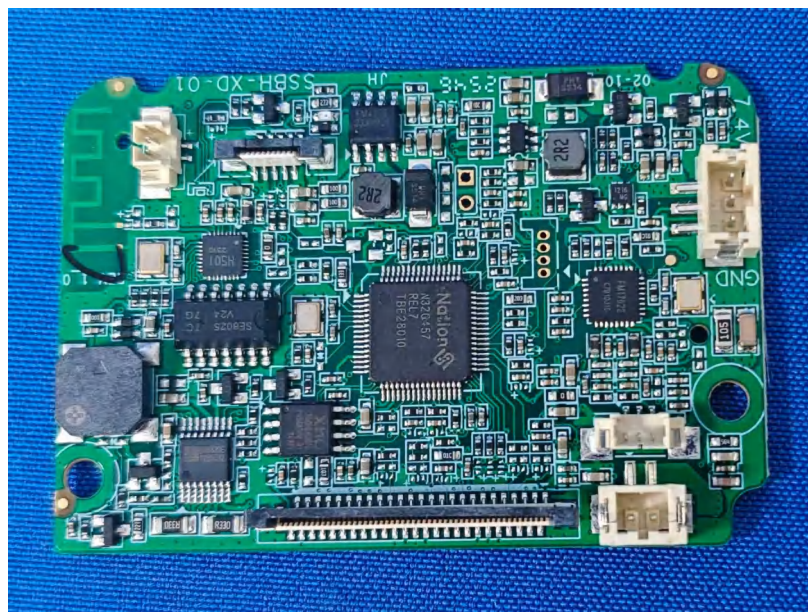
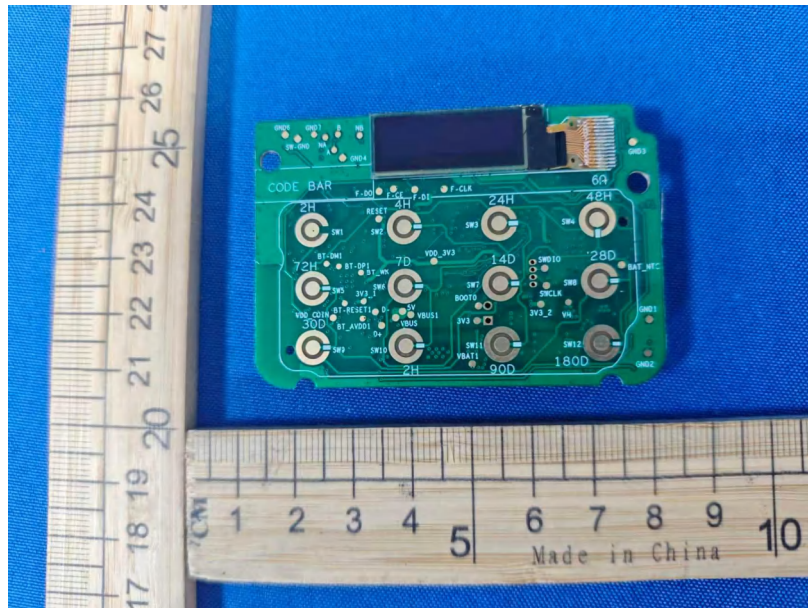


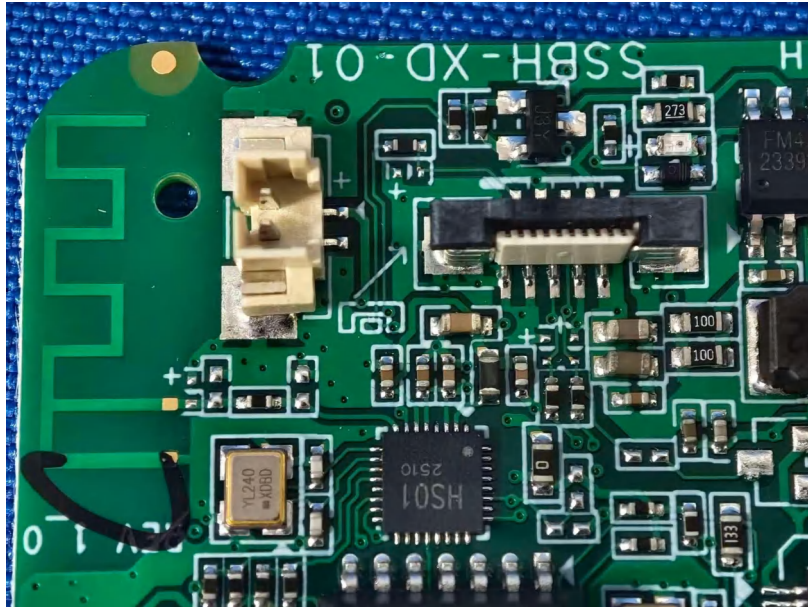


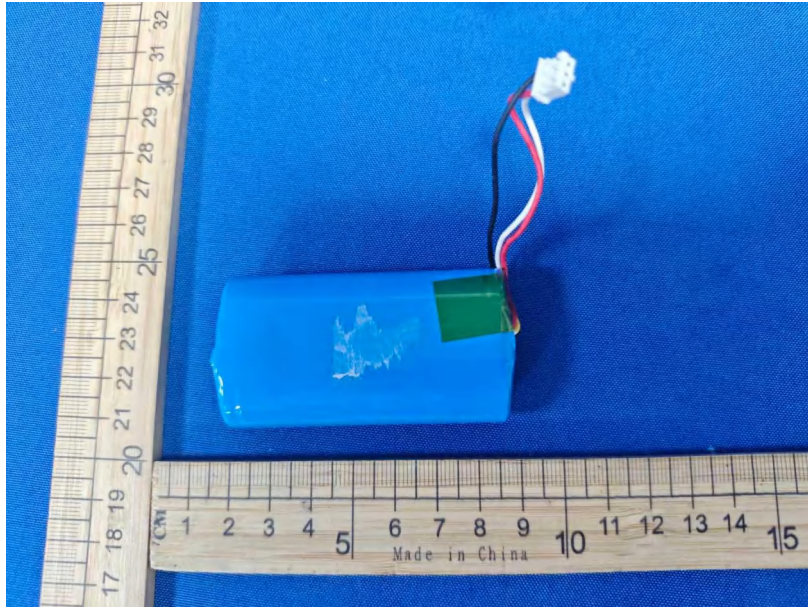












*******THE END REPORT*******