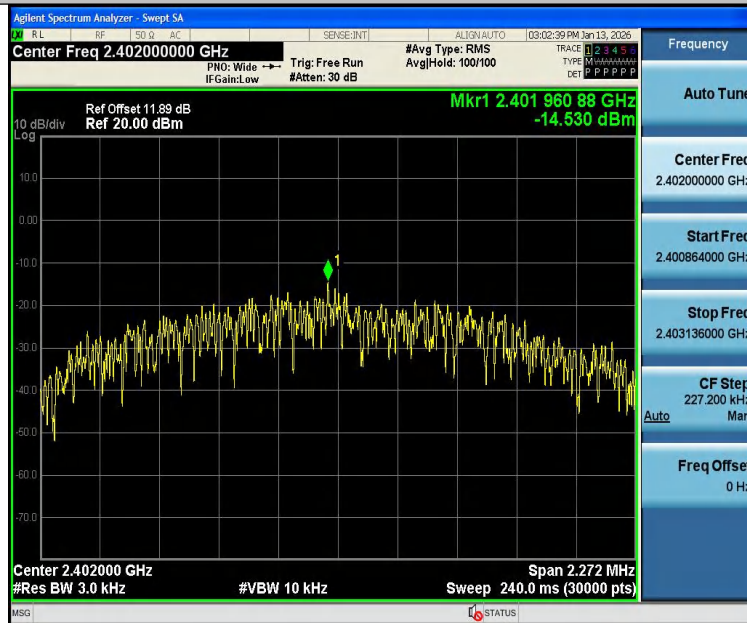
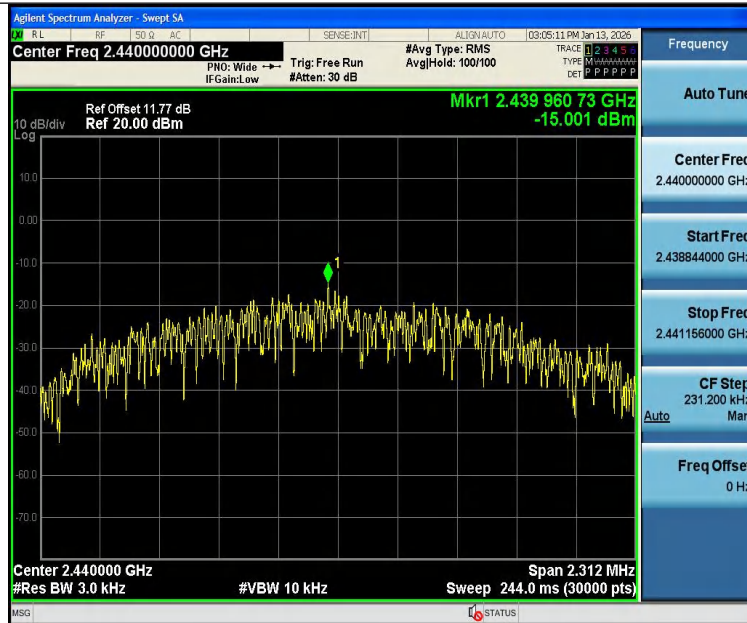




BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS





11 Antenna Application

11.1 Antenna Requirement

Test Standard	RSS-GEN Issue 5; RSS-247 Issue 4
FCC Requirement	For intentional device, according to FCC 47 CFR Section 15.203, 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. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
ISED Requirement	According to RSS-GEN Section 6.8: As per RSP-100, each applicant for equipment certification must provide a list of all antenna types that may be used with the transmitter, indicating the maximum permissible antenna gain (in dBi). When a measurement at the antenna connector is used to determine RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna's manufacturer. The test report shall state the RF power, output power setting and spurious emission measurements, including the antenna type used. In addition, applicants shall perform RF power and spurious emission measurements with each antenna type supplied or specified by the manufacturer for used with the transmitter.

11.2 Result

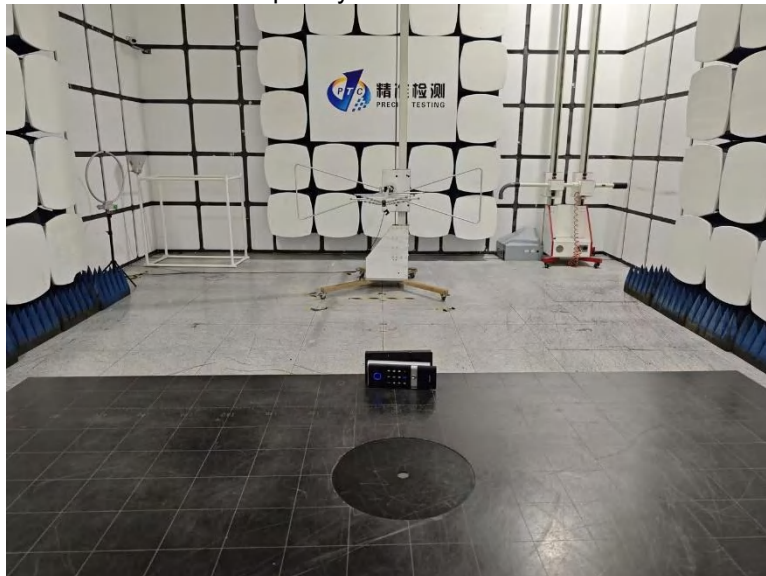
The EUT'S antenna, permanent attached antenna, is internal FPC antenna. The antenna's gain is 3.62 dBi and meets the requirement.

12 Test Setup

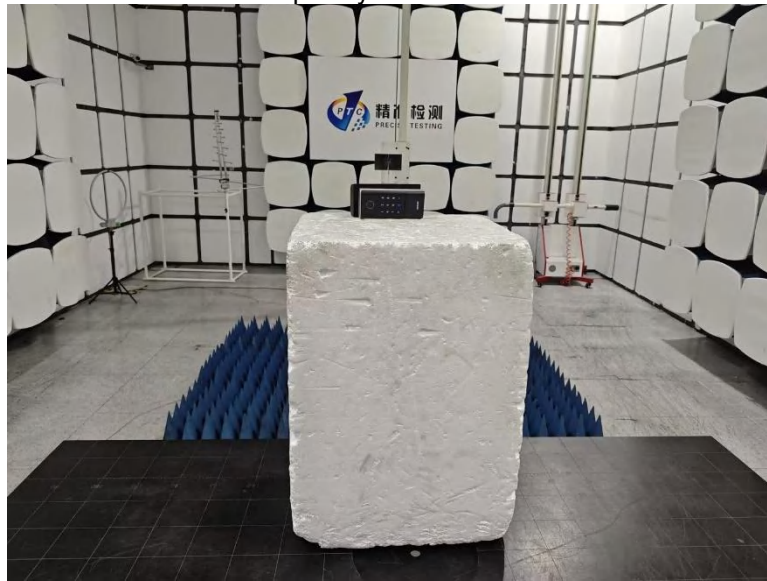
Conducted Emissions



Radiated Spurious Emissions
Test Frequency From 30MHz to 1GHz



Test frequency from Above 1GHz



13 EUT Photos





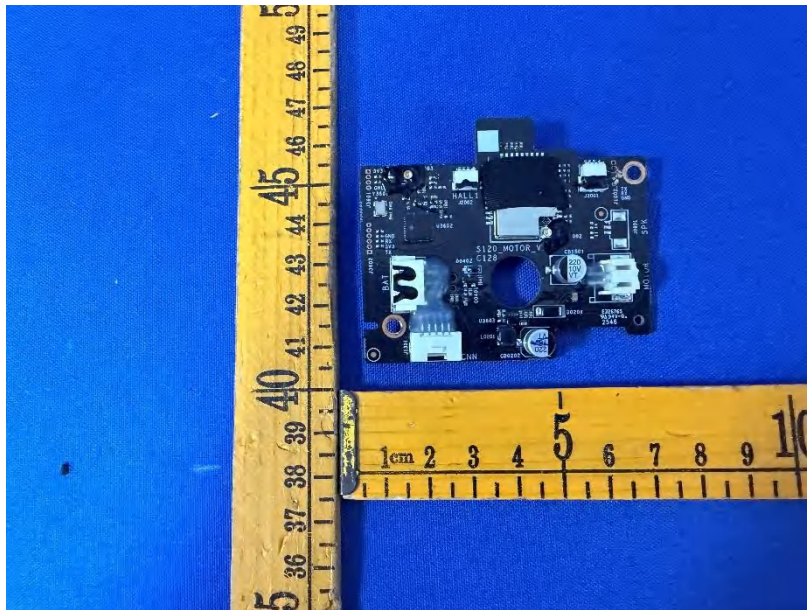


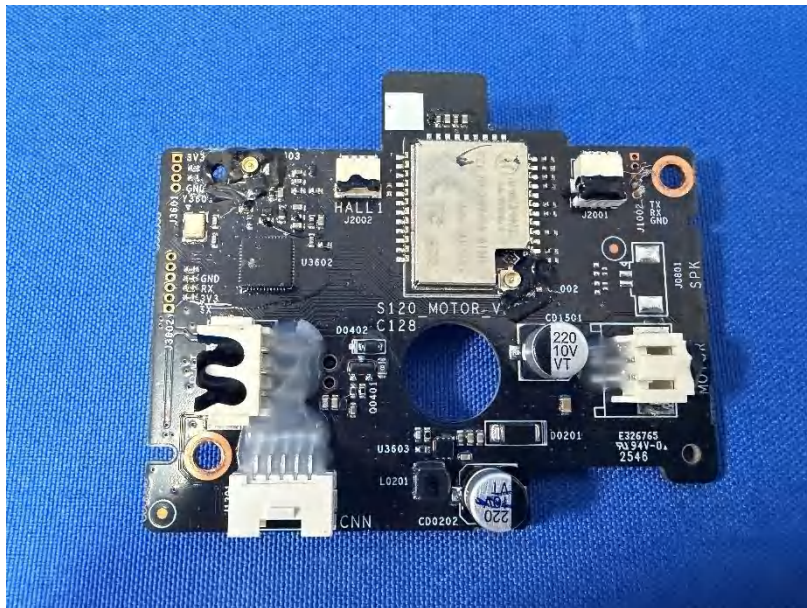
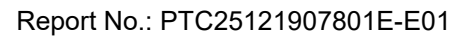


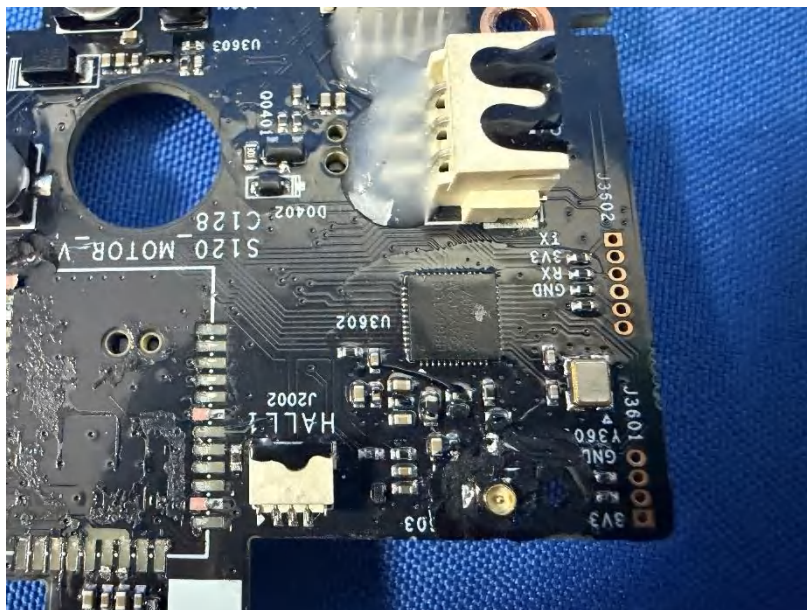
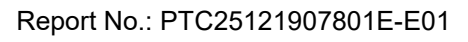


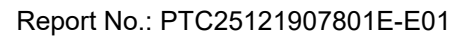


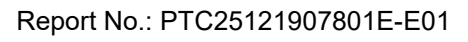


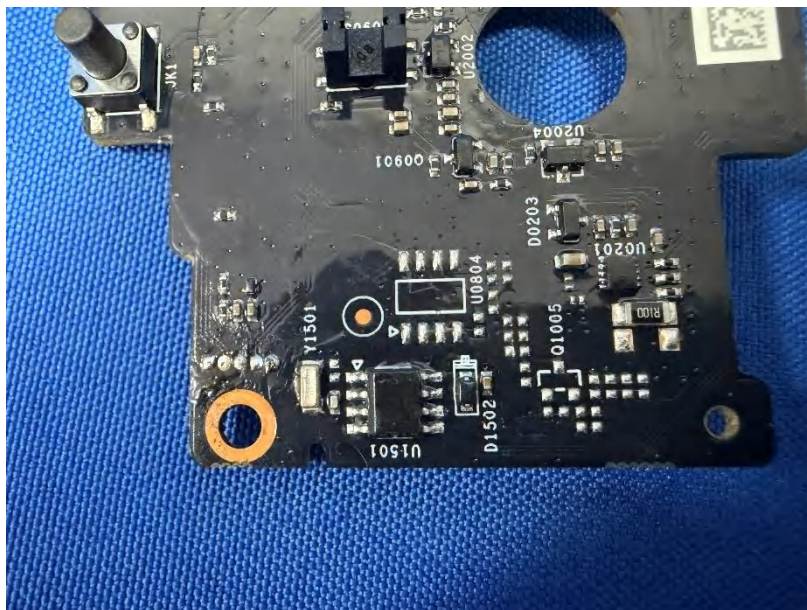


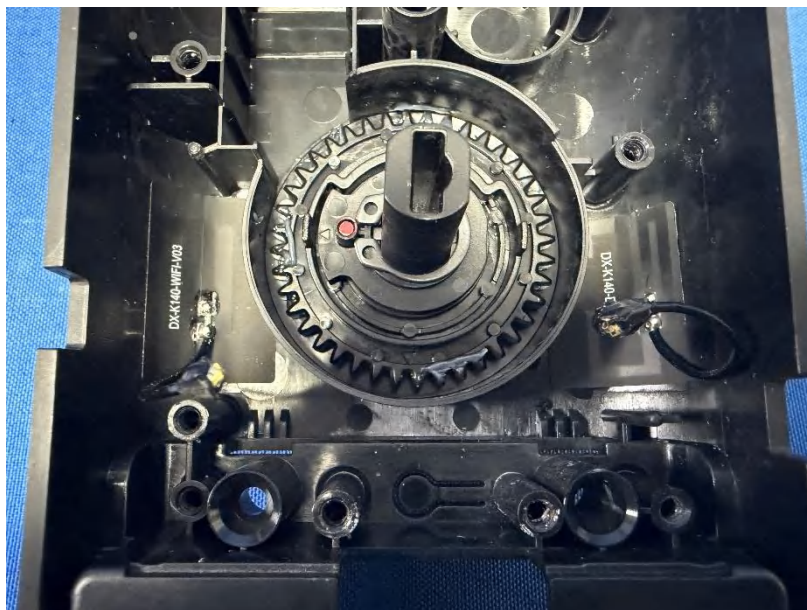
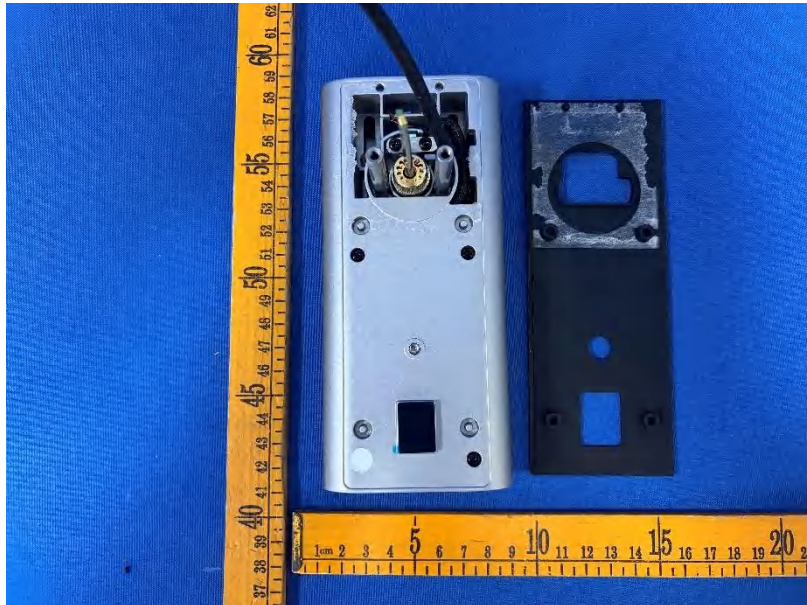


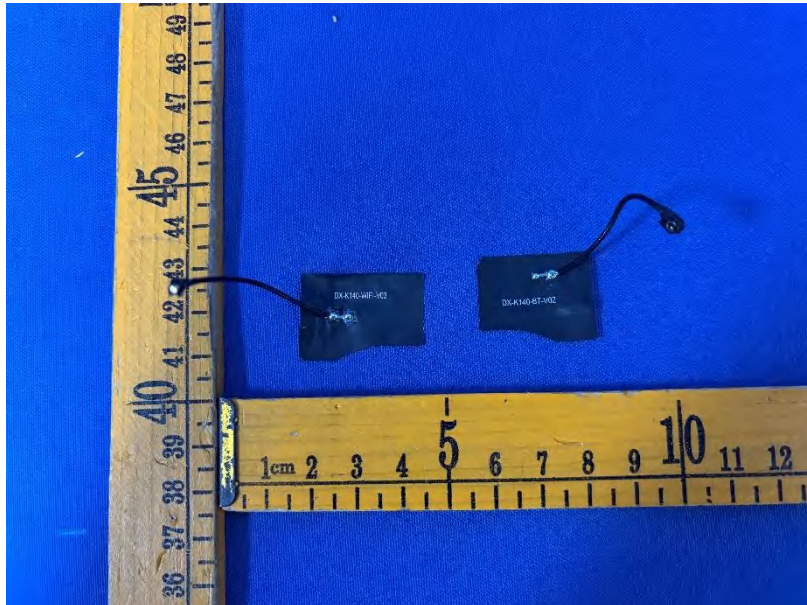


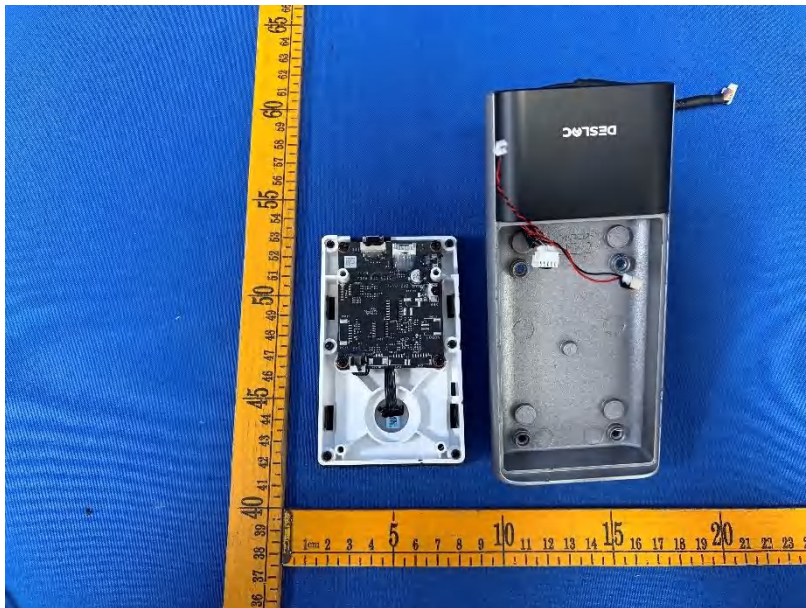


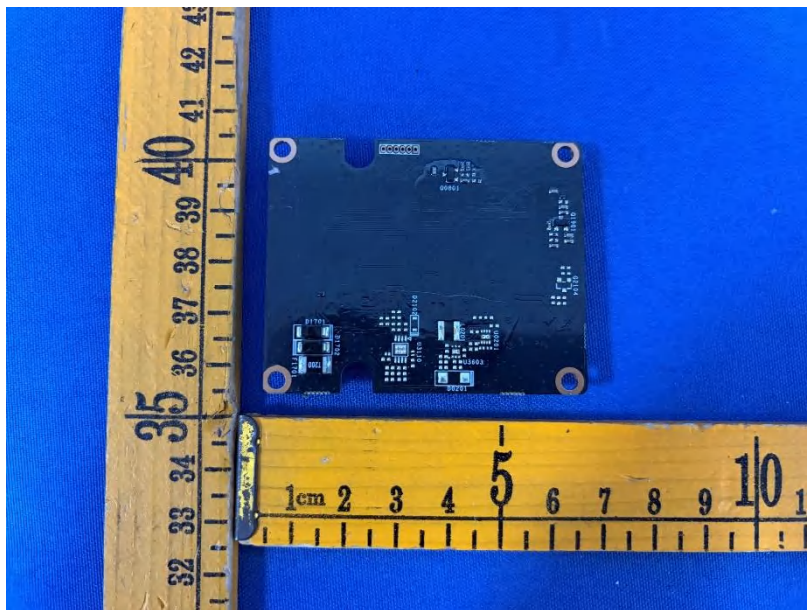
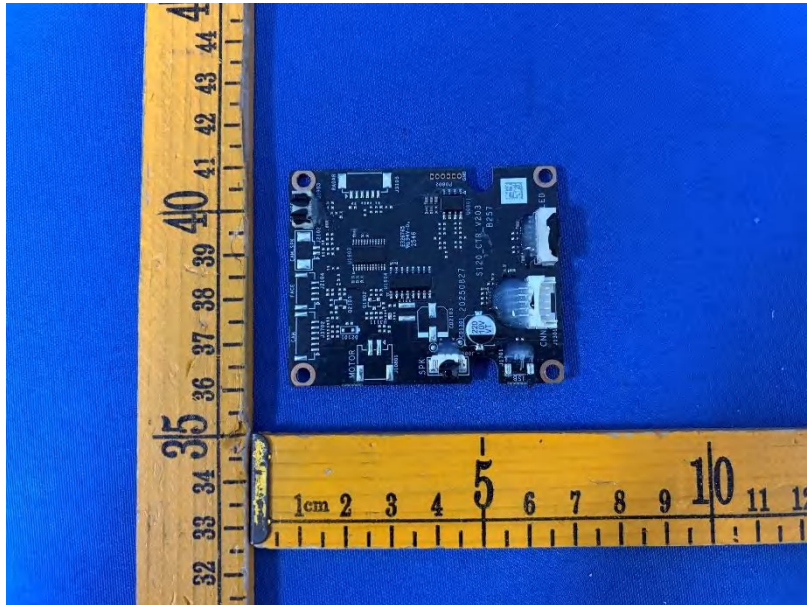


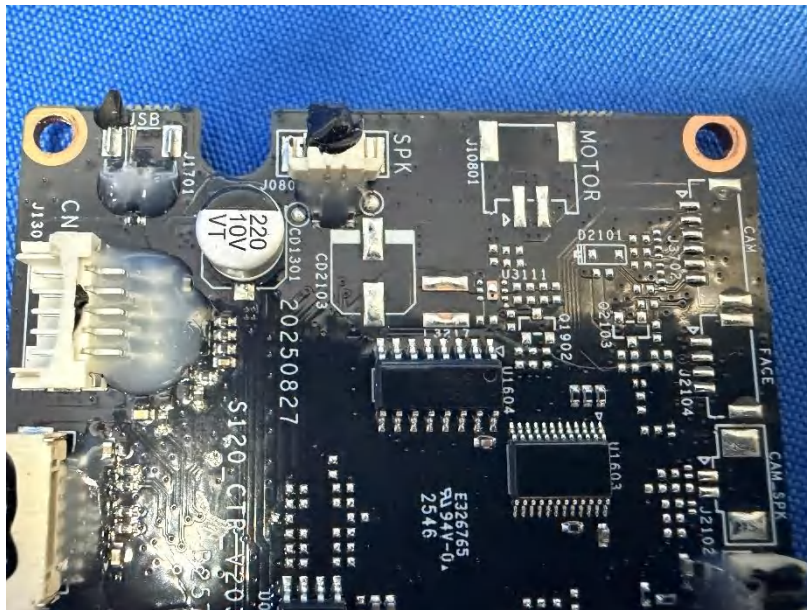
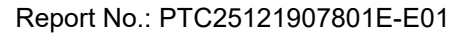












*****THE END REPORT*****