



Test Graphs:



BLE_1M-Ant1-2402



BLE_1M-Ant1-2440



BLE_1M-Ant1-2480



11 Antenna Application

11.1 Antenna 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.

11.2 Result

The antenna is PIFA Antenna which permanently attached, and the best case gain of the antenna is -0.41dBi. It complies with the standard requirement.

12 Test Setup

Conducted Emissions



Radiated Spurious Emissions
Test Frequency From Below 30MHz



Test frequency from Above 1GHz



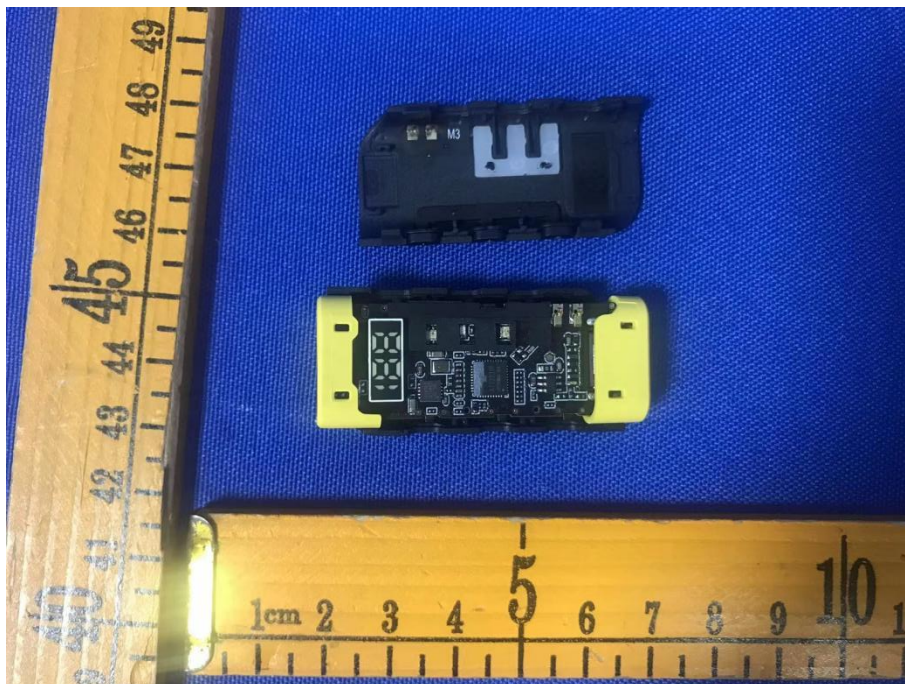


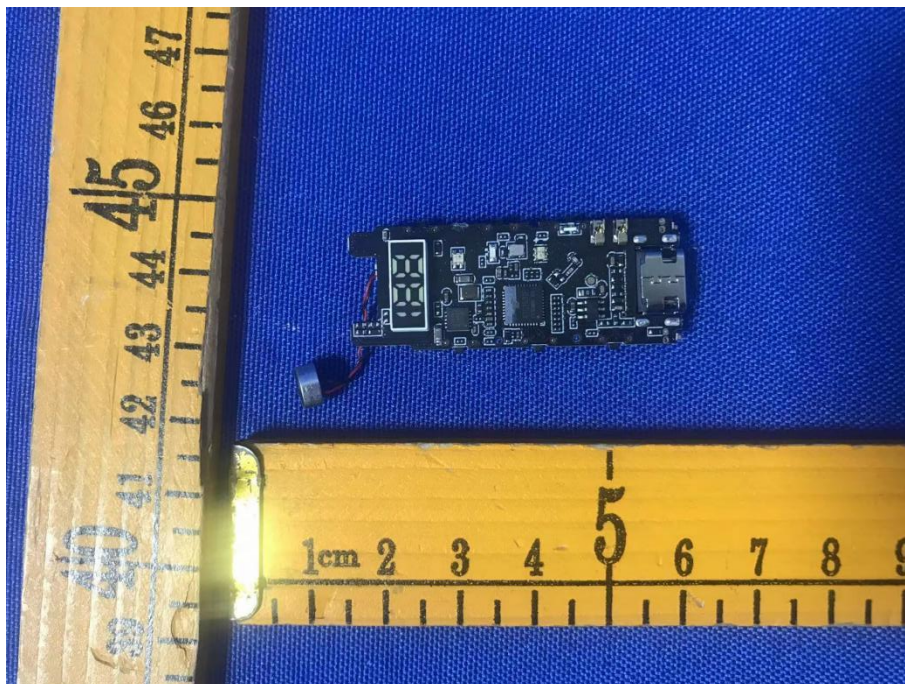
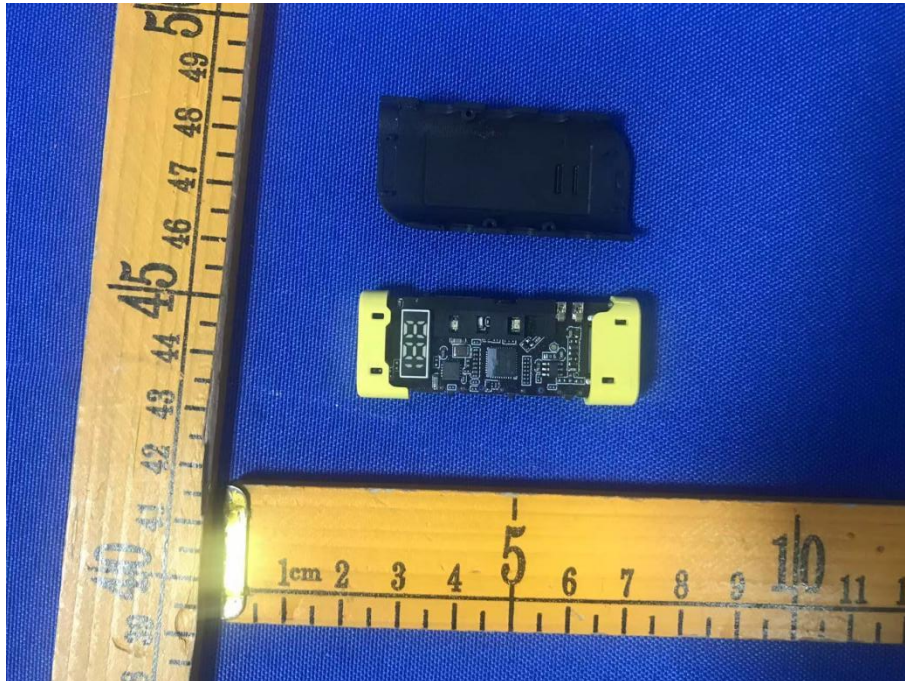
13 EUT Photos

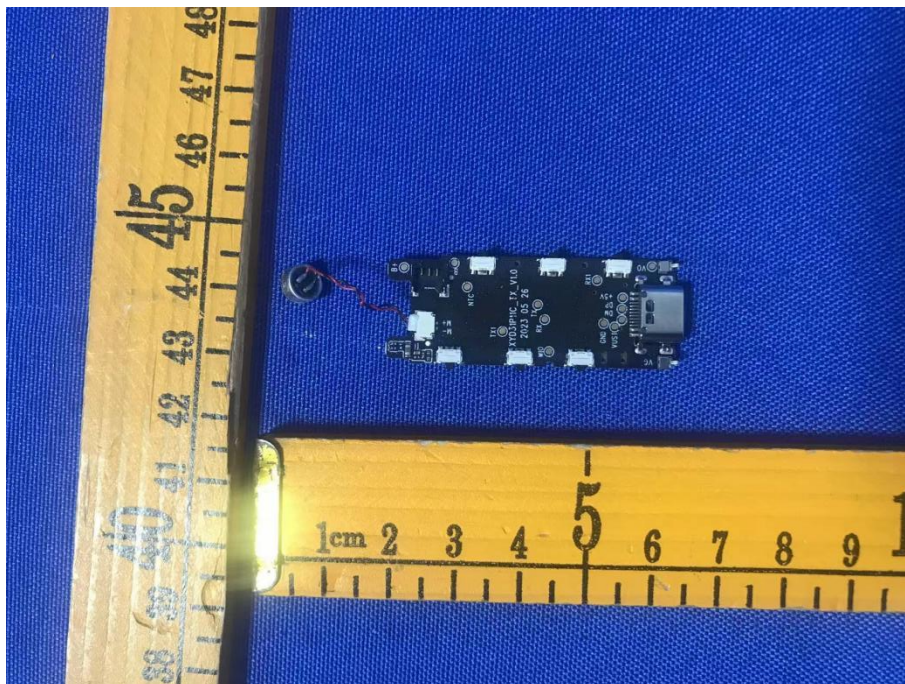
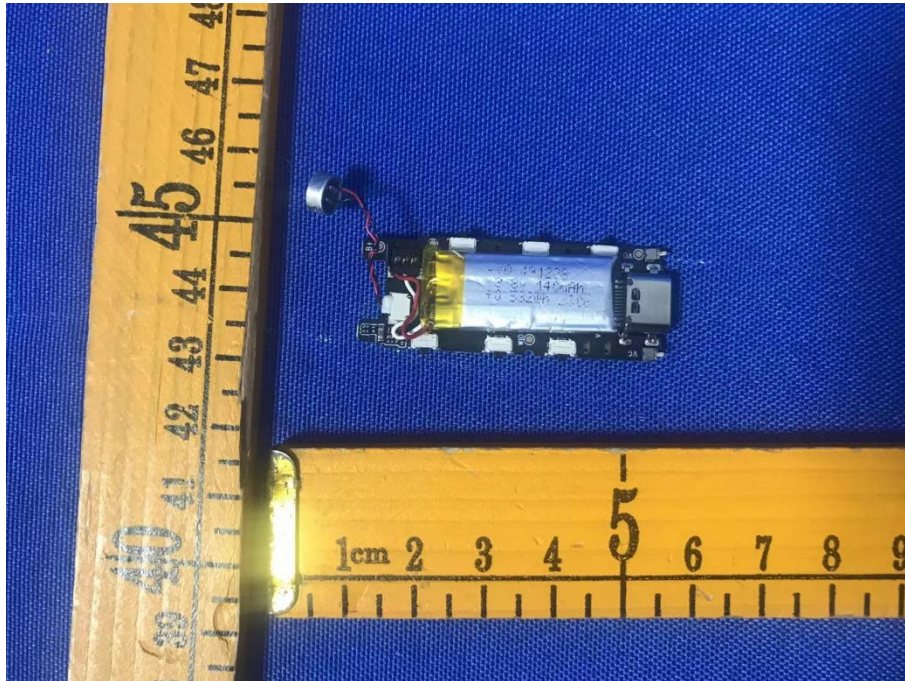


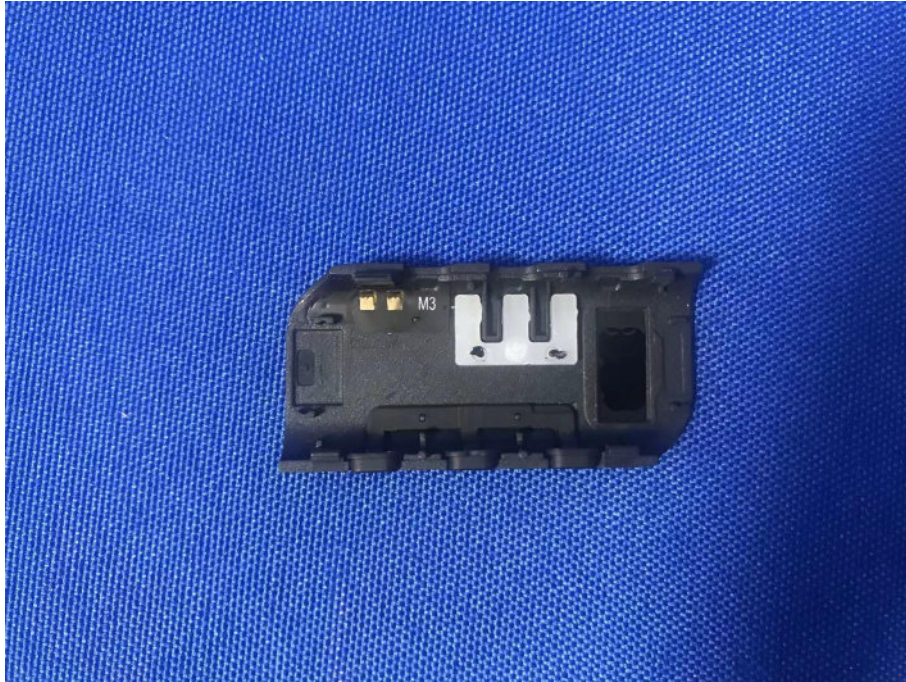














*****THE END REPORT*****