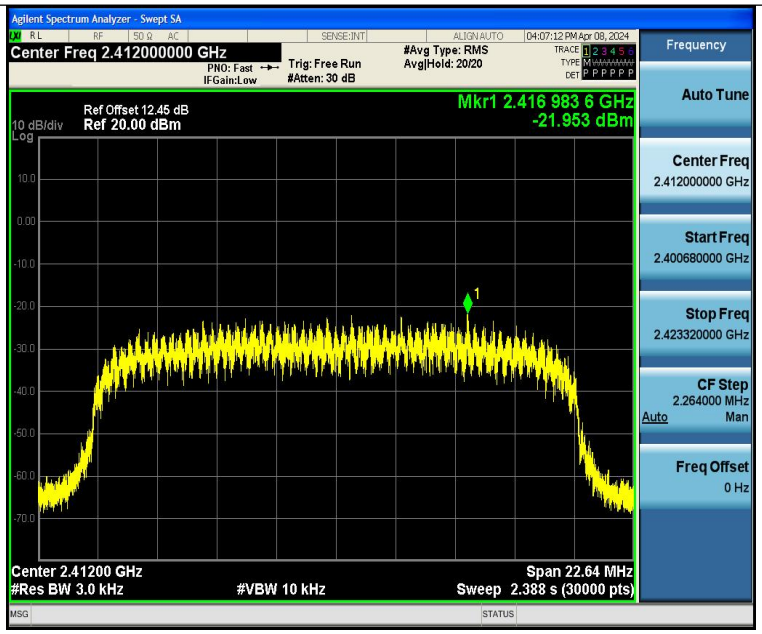

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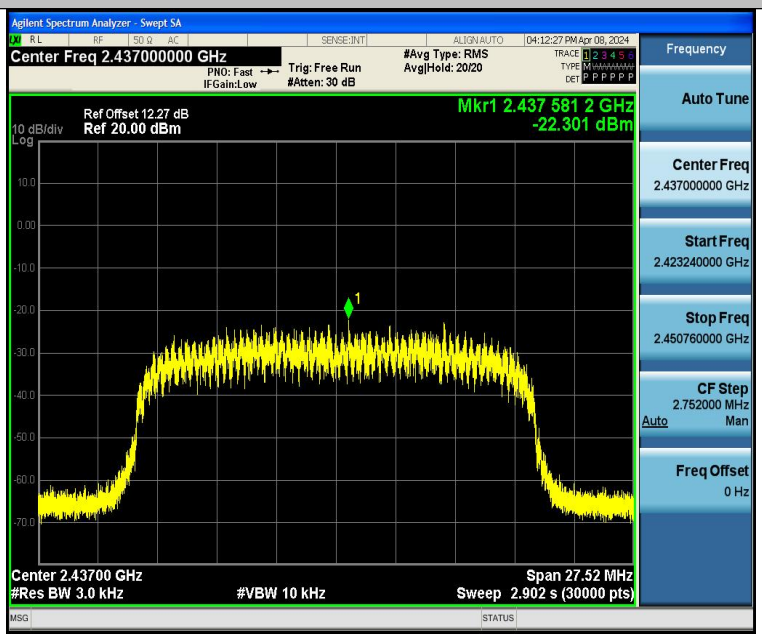

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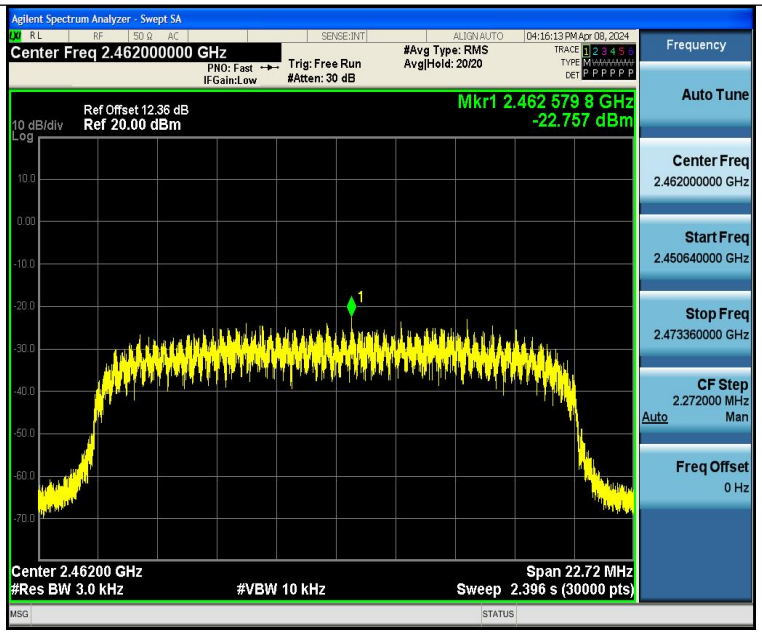

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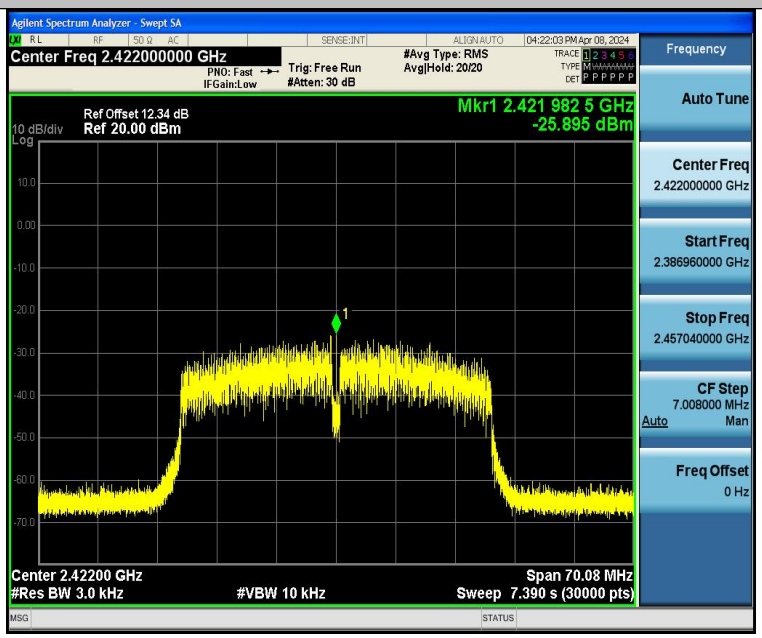

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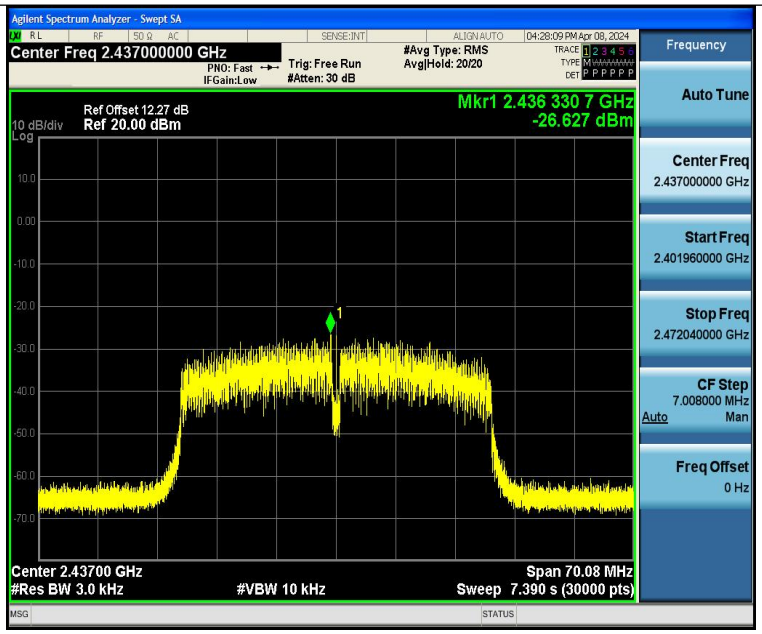

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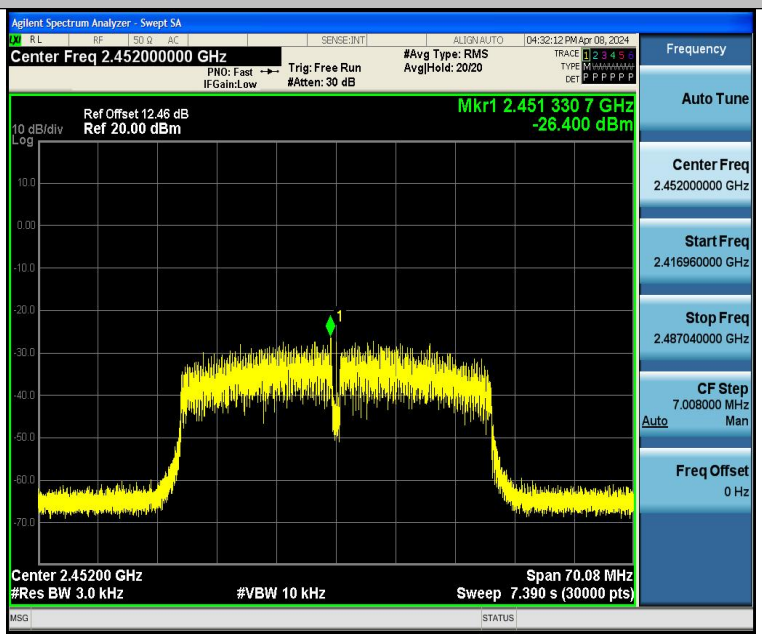


11N40SISO-Ant1-2452-PASS

12 Antenna Application

12.1 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.

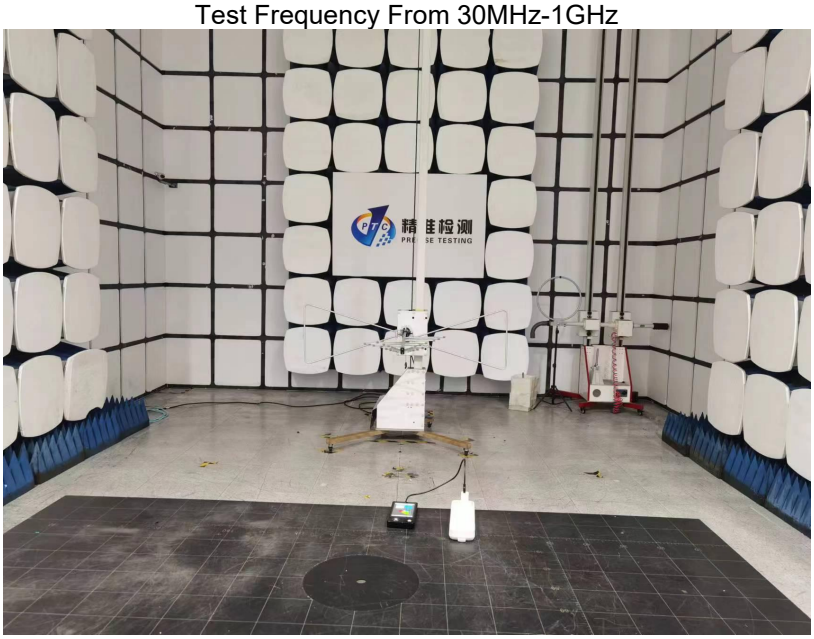
12.2 Result

The EUT'S antenna, permanent attached antenna,is PCB Antenna. The antenna's gain is 3.11 dBi and meets the requirement.

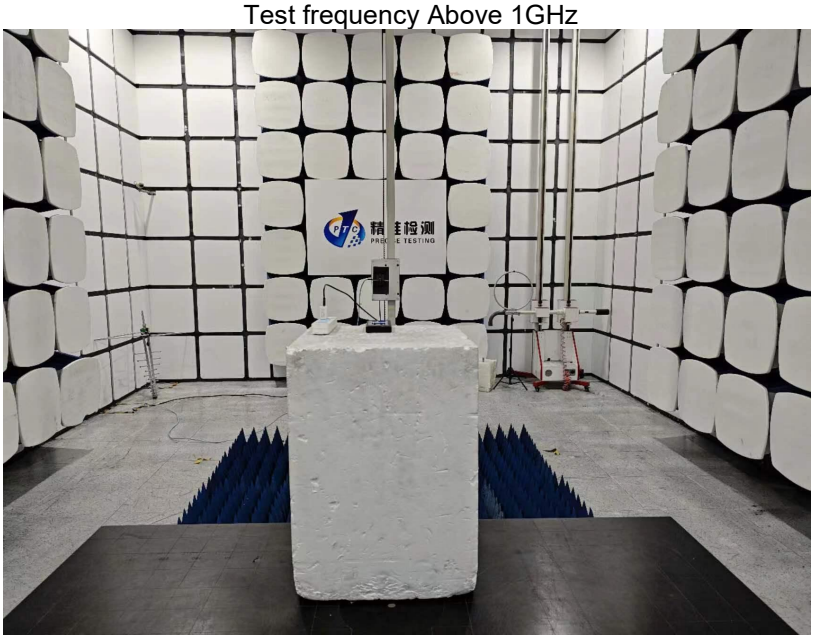
13 Test Setup

Conducted Emissions

Radiated Spurious Emissions
Test Frequency From 30MHz-1GHz

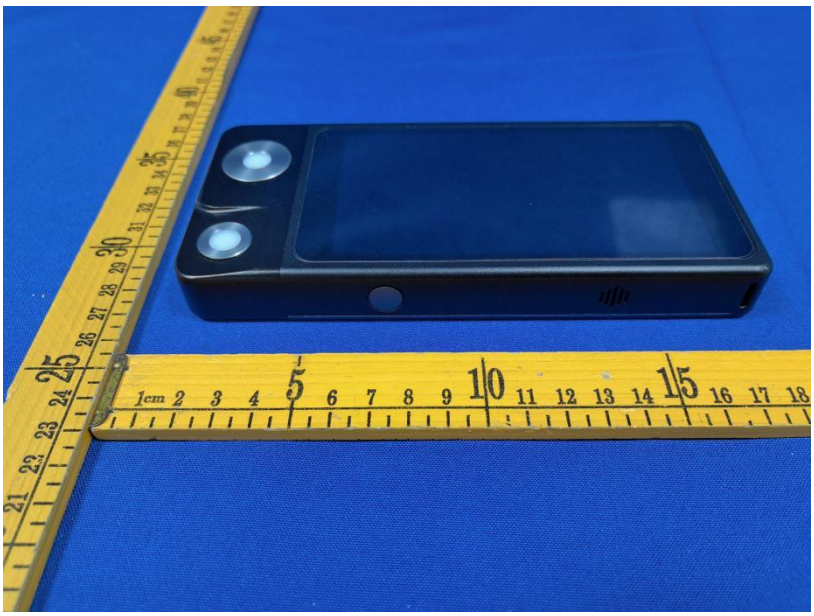


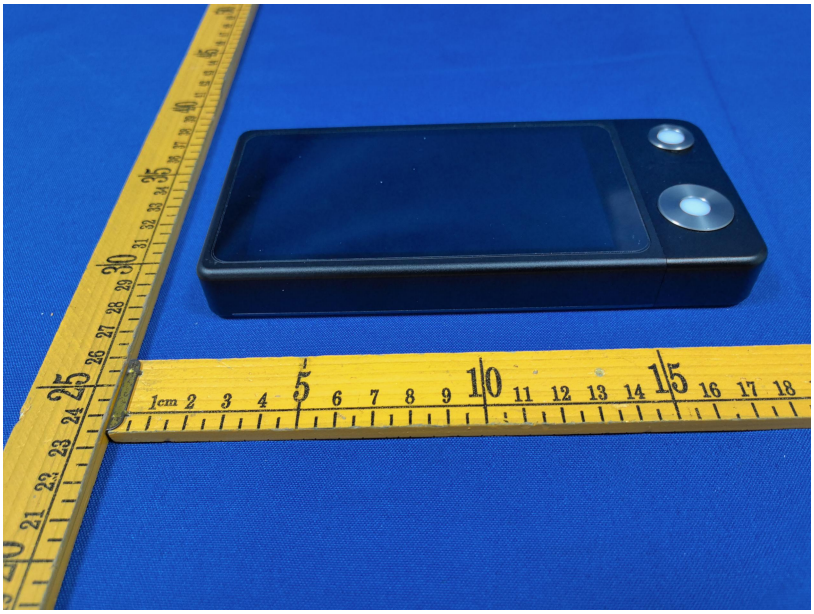
Test frequency Above 1GHz

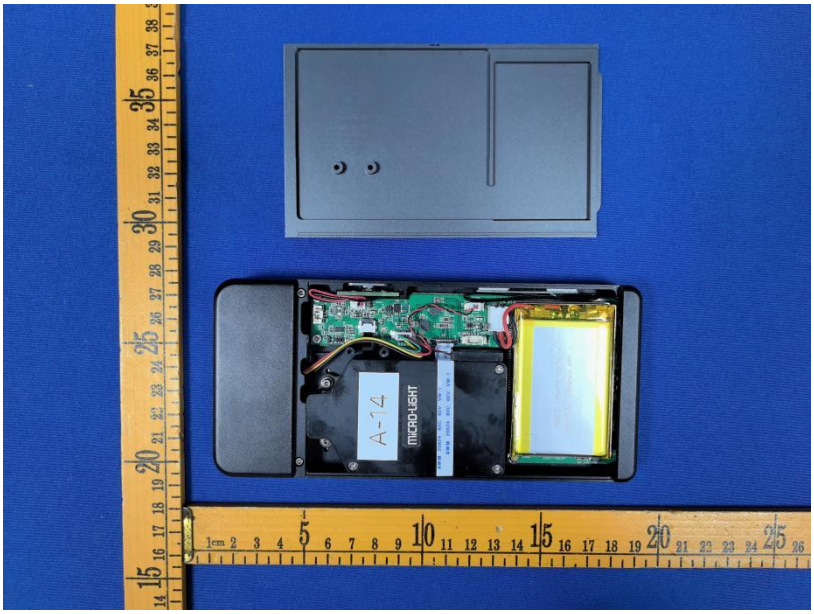


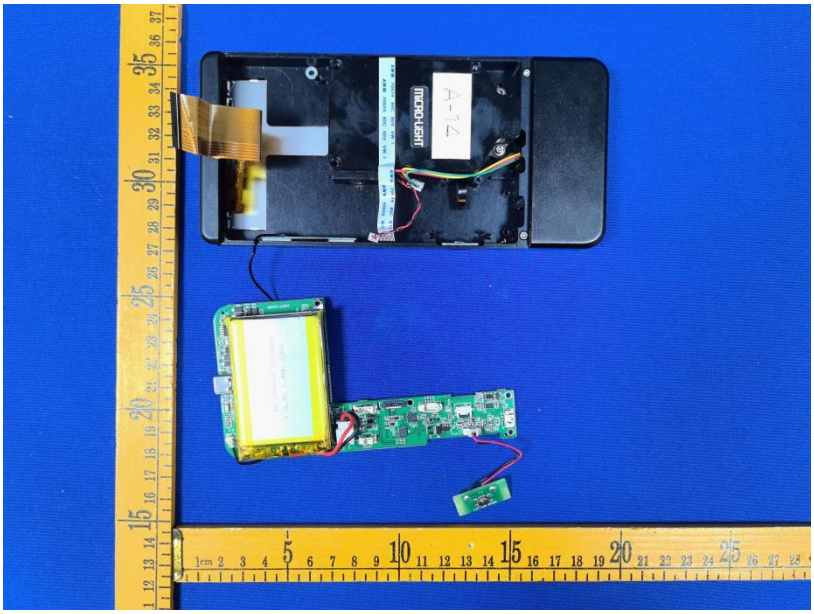
14 EUT PHOTOS

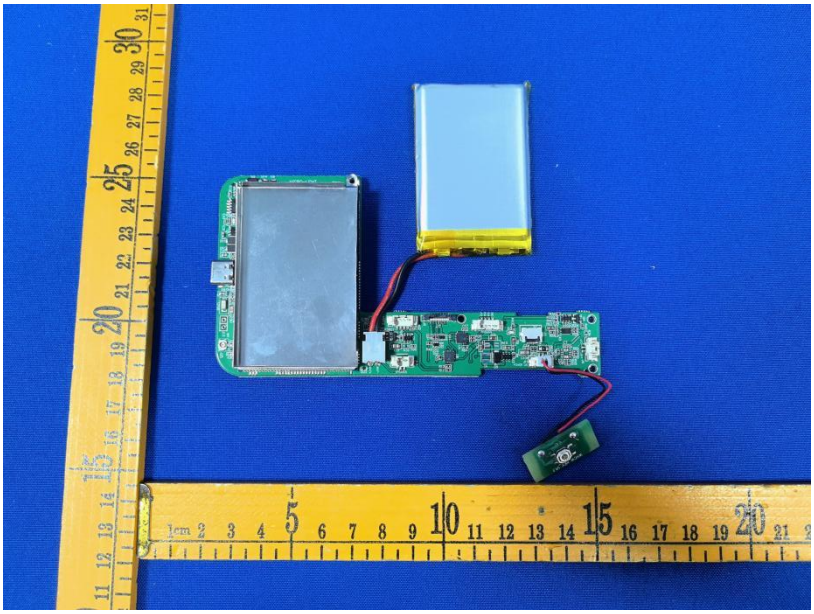
MiCRO-LiGHT
Optical Measurement

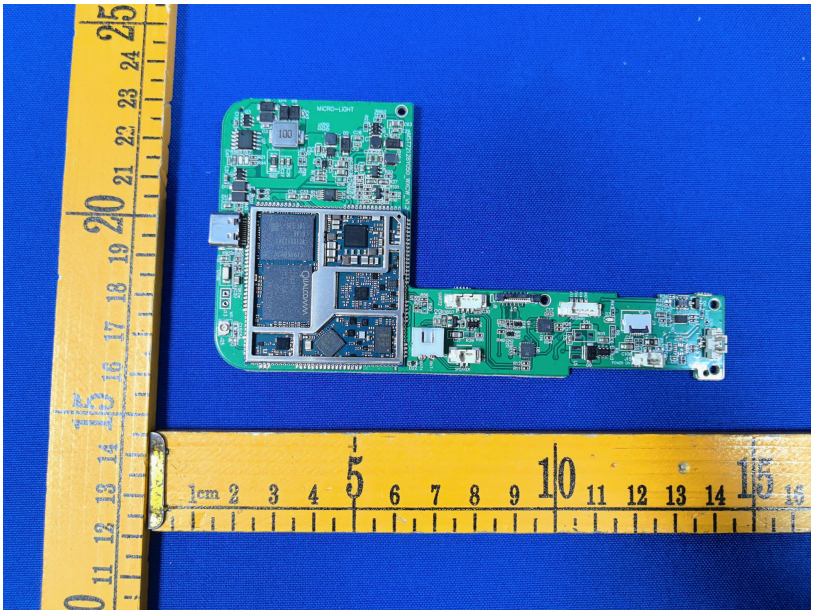


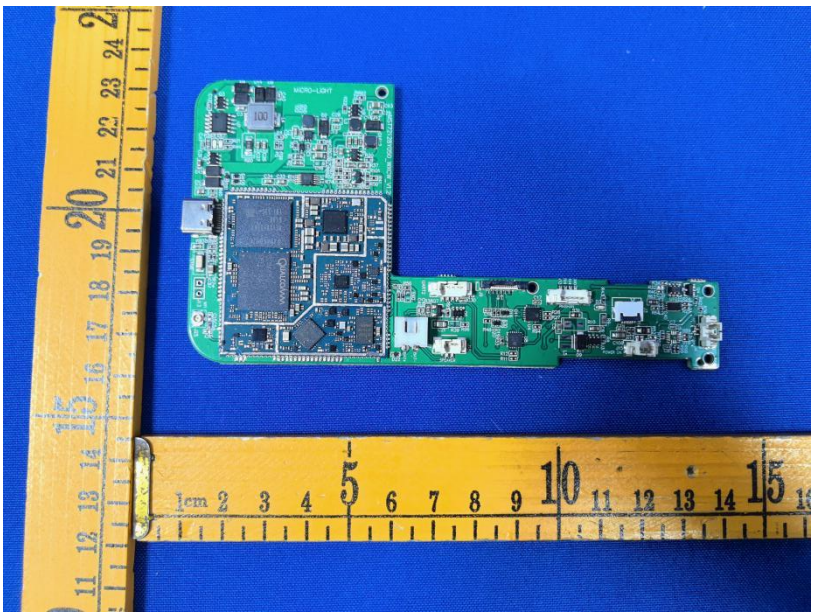


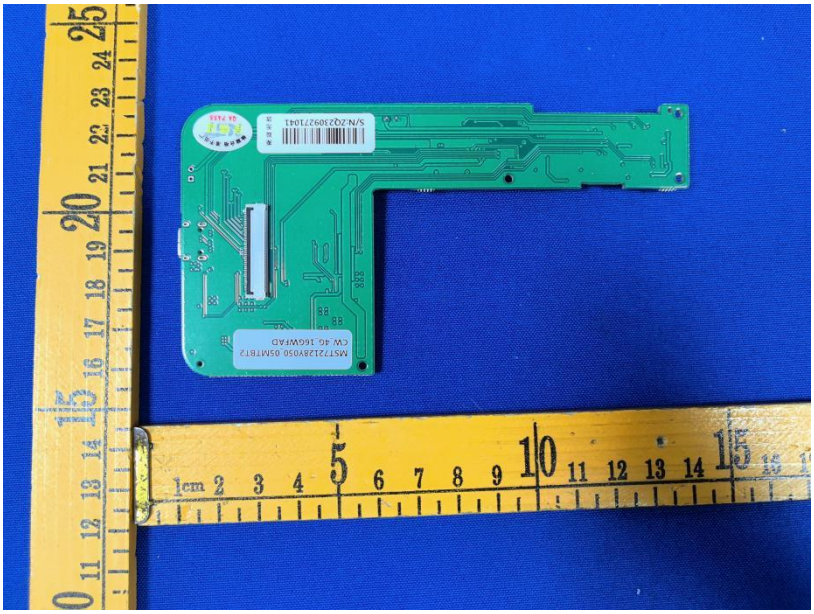

A-14
MICRO-LIGHT

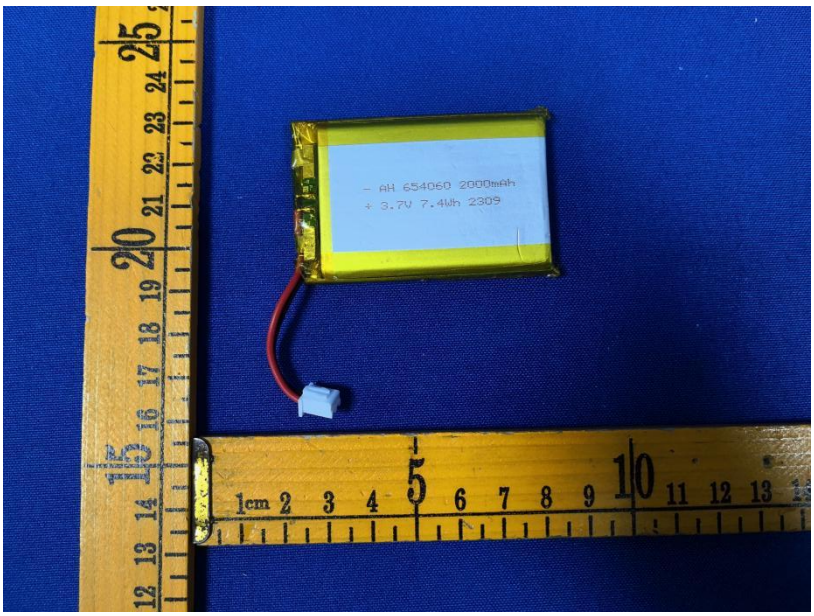

A-14
MICRO-LIGHT

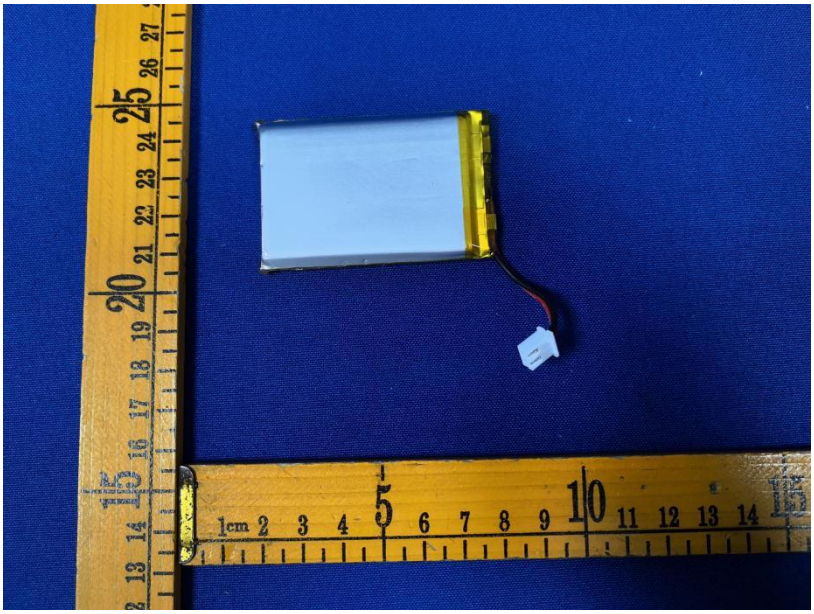









- AH 654060 2000mAh
+ 3.7V 7.4Wh 2309



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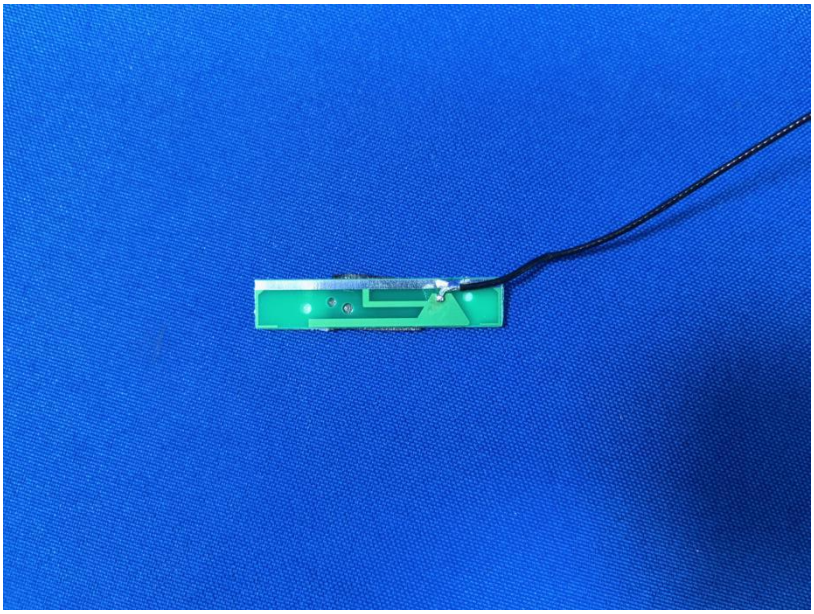

********THE END REPORT********