

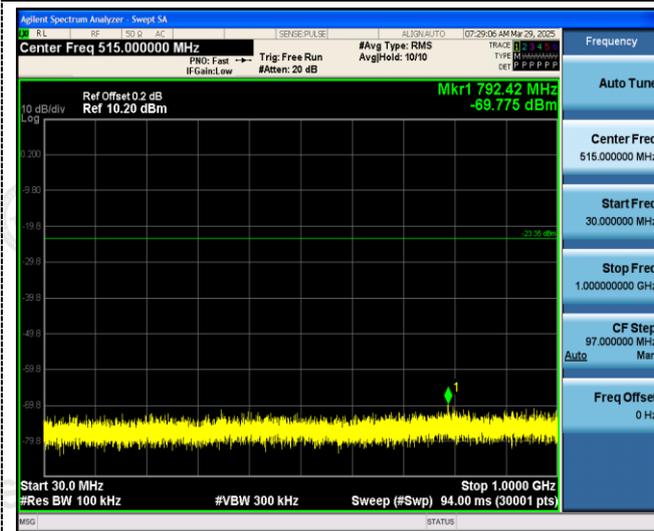
802.11n20



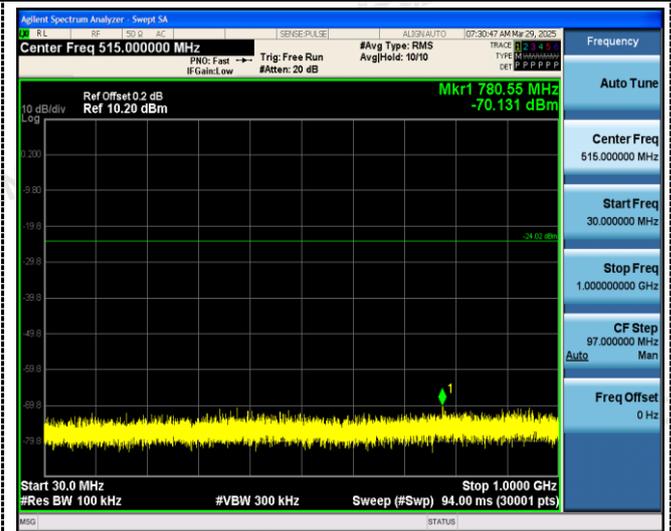
Reference
CH01



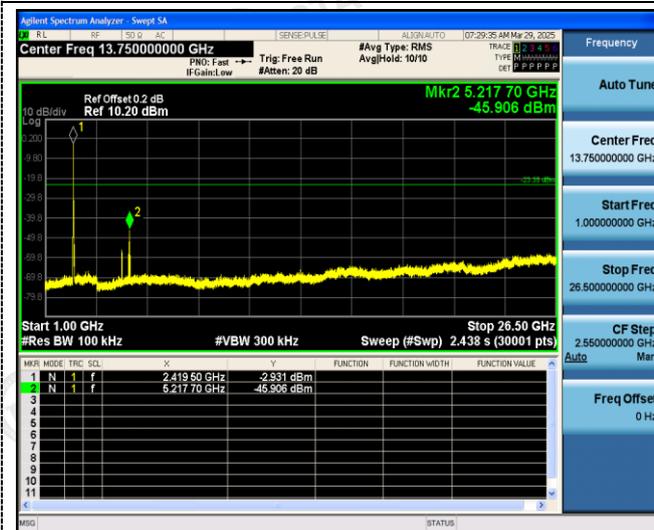
Reference
CH06



30MHz-3GHz



30MHz-3GHz

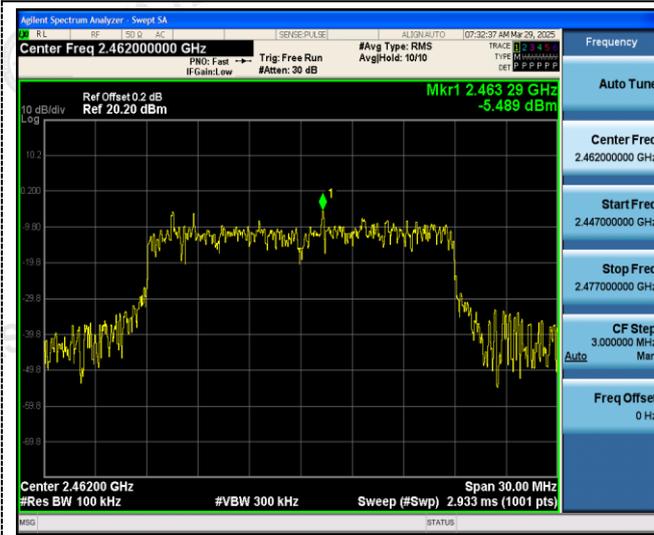


1GHz -25GHz



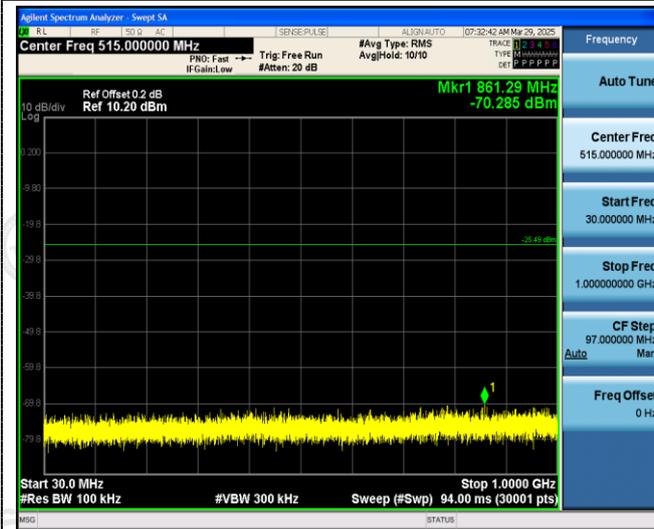
1GHz -25GHz

802.11n20



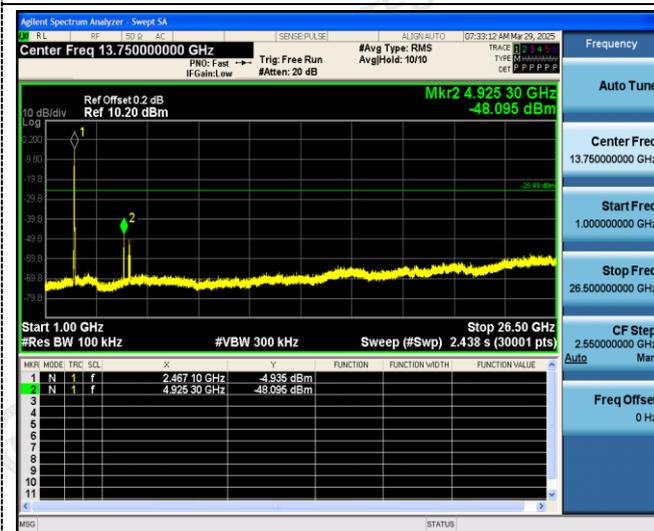
Frequency
Auto Tune
Center Freq 2.462000000 GHz
Start Freq 2.447000000 GHz
Stop Freq 2.477000000 GHz
CF Step 3.000000 MHz
Auto Man
Freq Offset 0 Hz

Reference
CH11



Frequency
Auto Tune
Center Freq 515.0000000 MHz
Start Freq 30.0000000 MHz
Stop Freq 1.000000000 GHz
CF Step 97.000000 MHz
Auto Man
Freq Offset 0 Hz

30MHz-3GHz

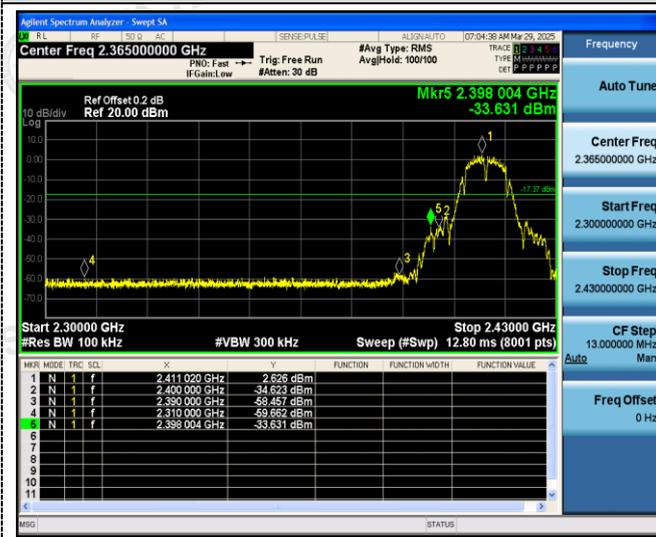


Frequency
Auto Tune
Center Freq 13.750000000 GHz
Start Freq 1.000000000 GHz
Stop Freq 26.500000000 GHz
CF Step 2.550000000 GHz
Auto Man
Freq Offset 0 Hz

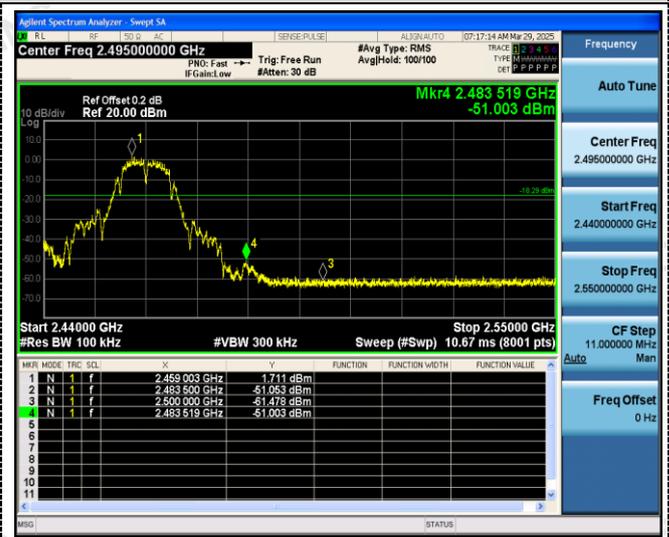
1GHz -25GHz

Band-edge Measurements for RF Conducted Emissions:

802.11b

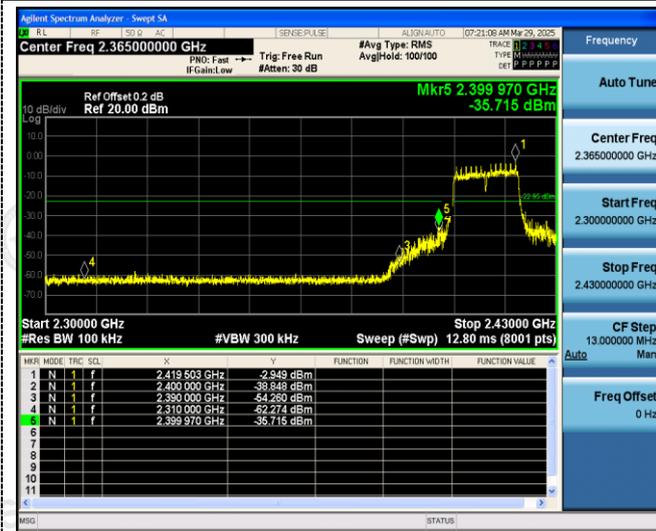


Left bandedge



Right bandedge

802.11g

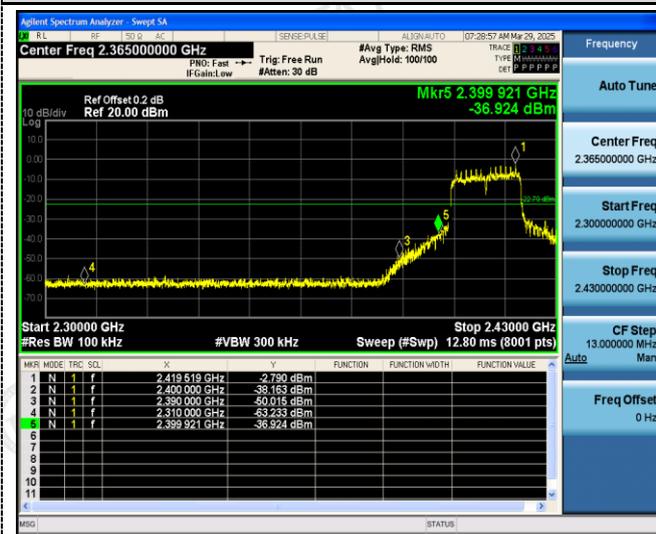


Left bandedge

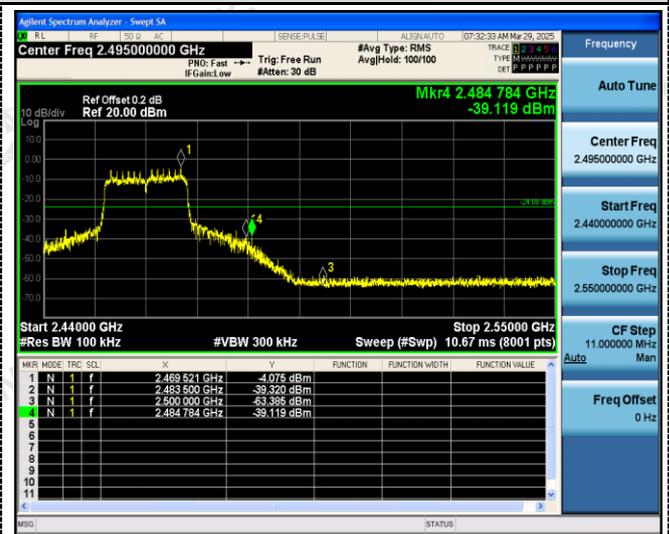


Right bandedge

802.11n(HT20)



Left bandedge



Right bandedge

4.7 Antenna Requirement

Standard Applicable

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. 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

FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1) (I):

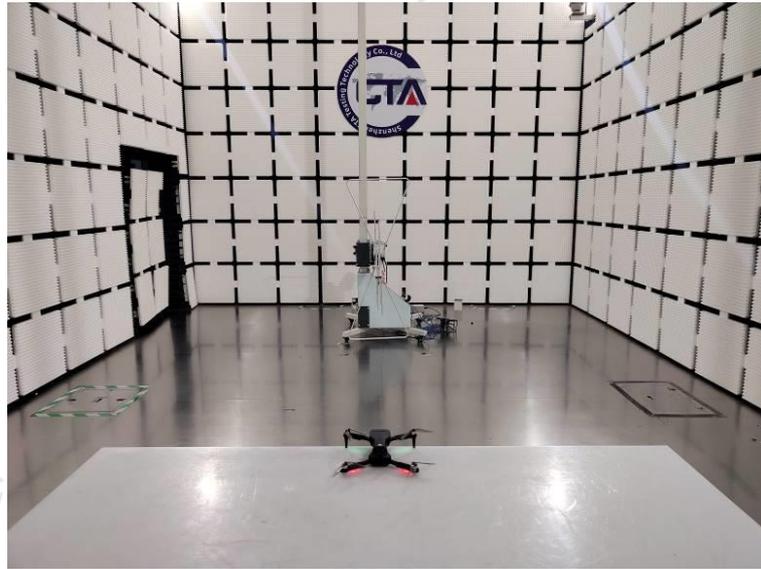
(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

Test Result:

The maximum gain of antenna was 0.17 dBi.

Remark: The antenna gain is provided by the customer, if the data provided by the customer is not accurate, Shenzhen CTA Testing Technology Co., Ltd. does not assume any responsibility.

5 Test Setup Photos of the EUT

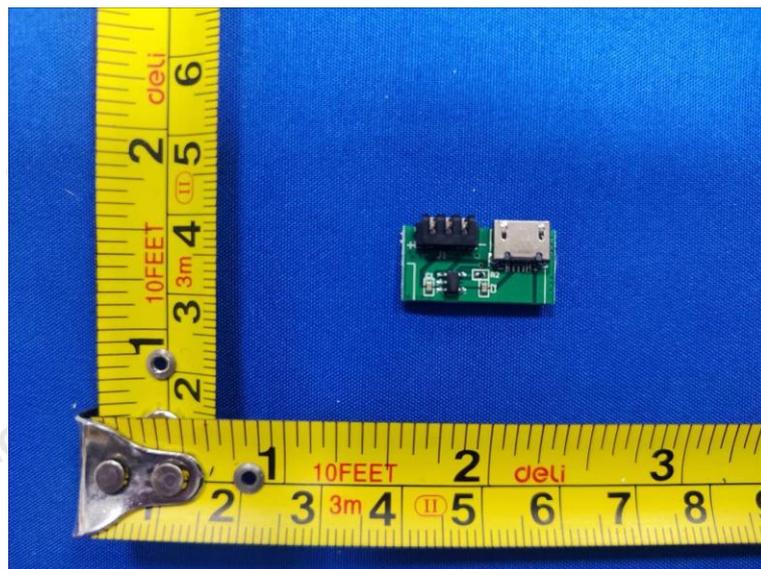
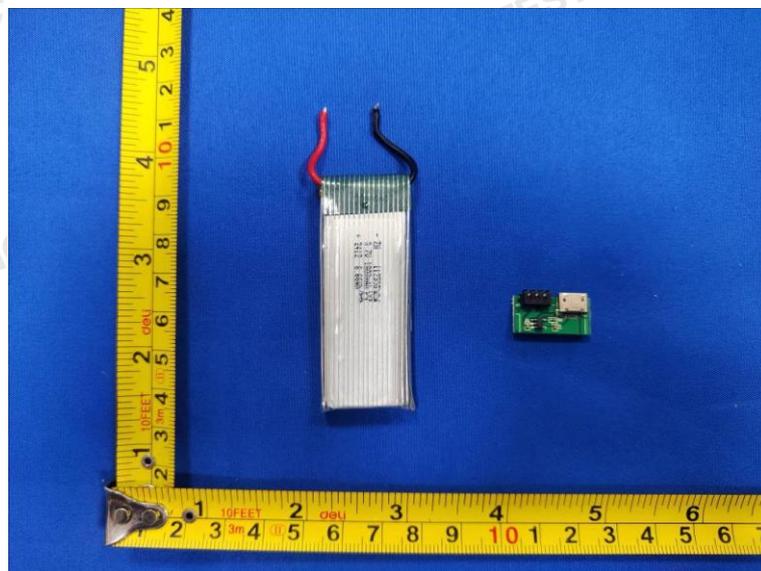
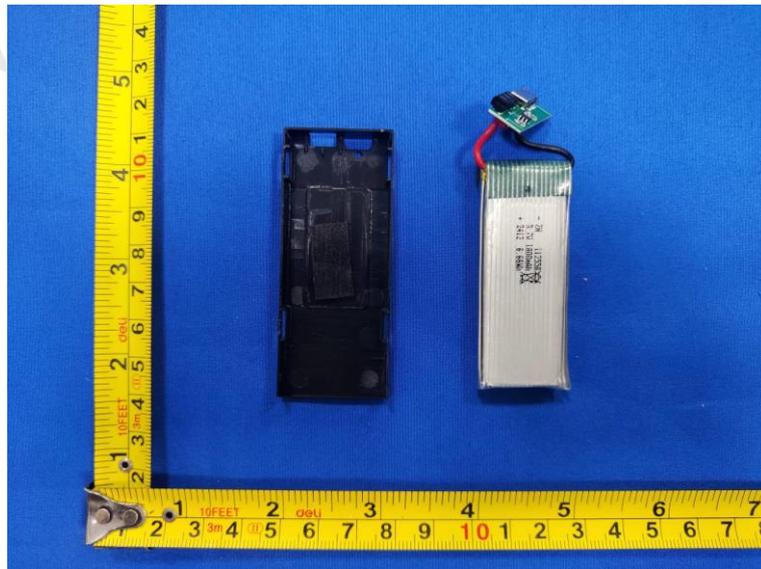


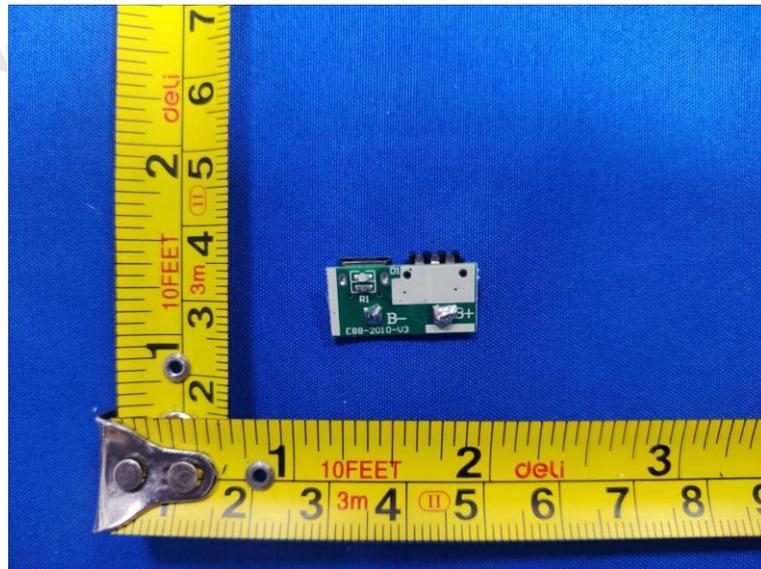
6 Photos of the EUT

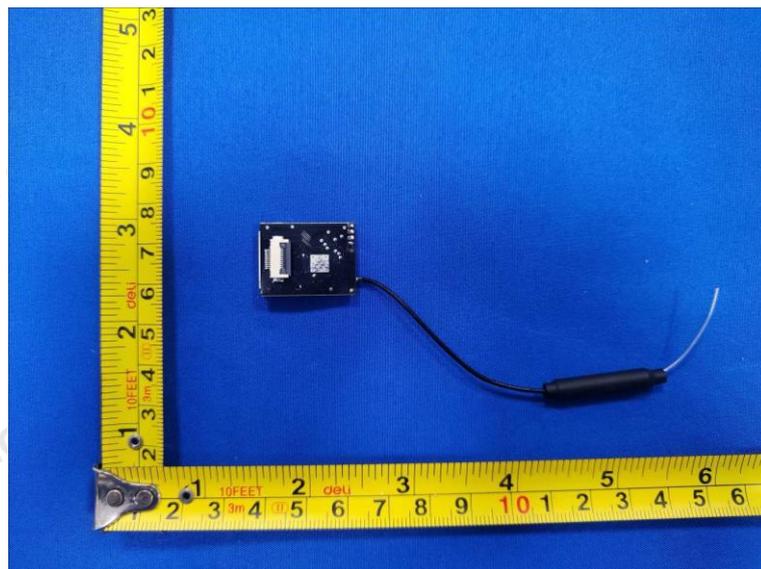
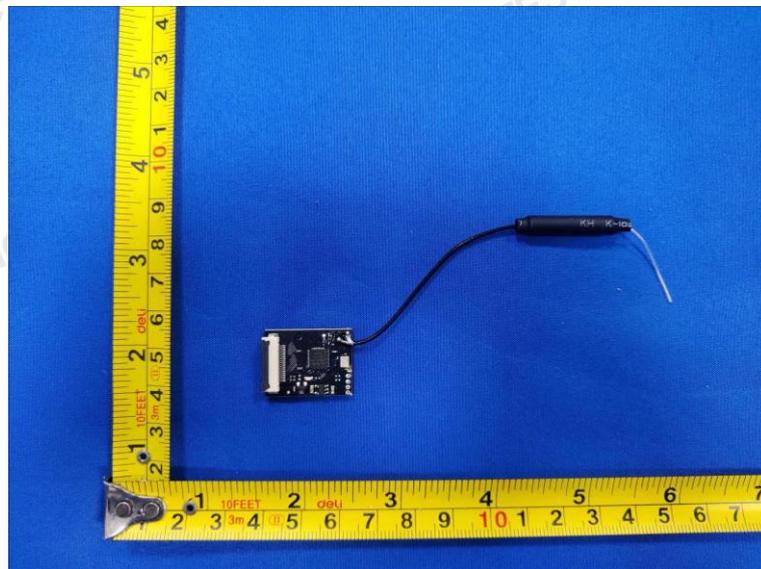
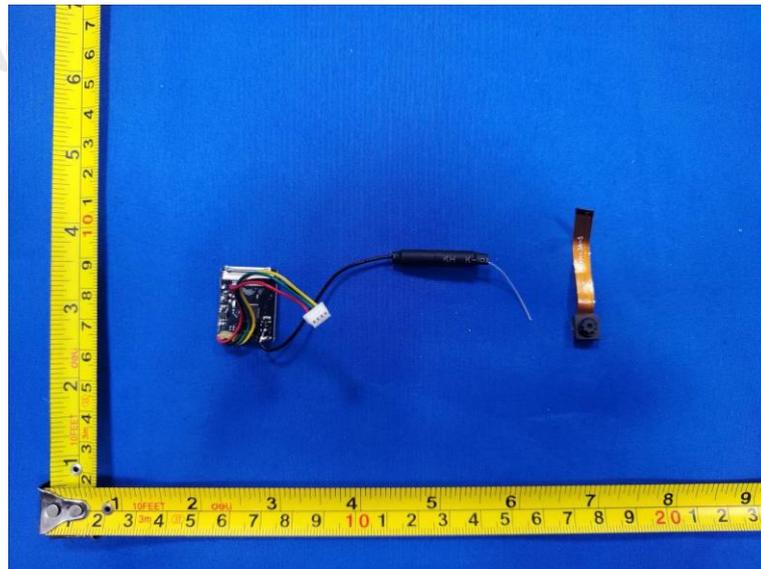


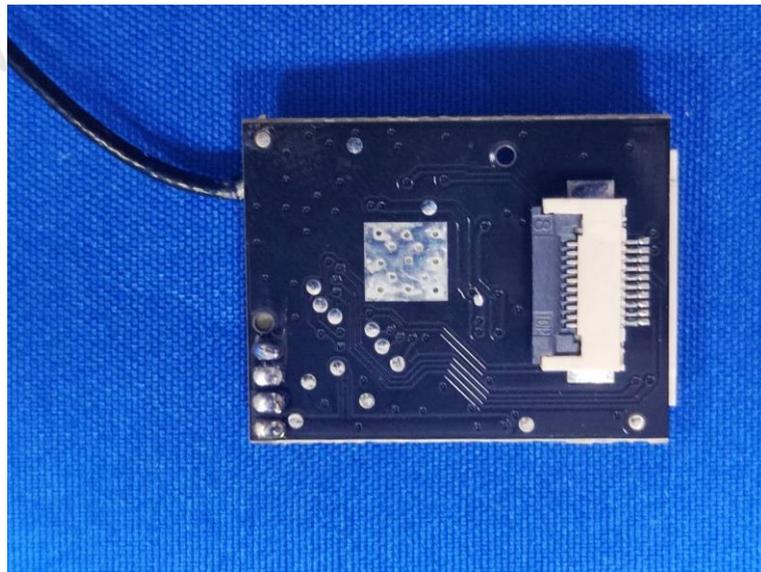


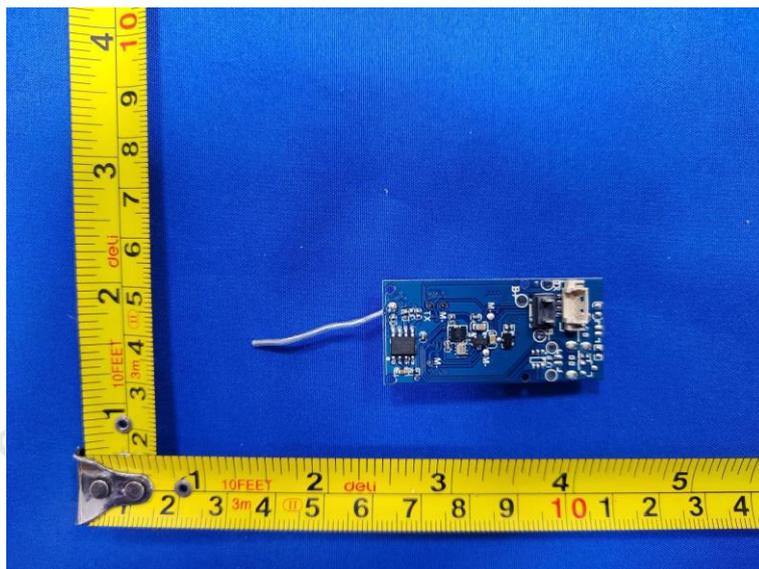
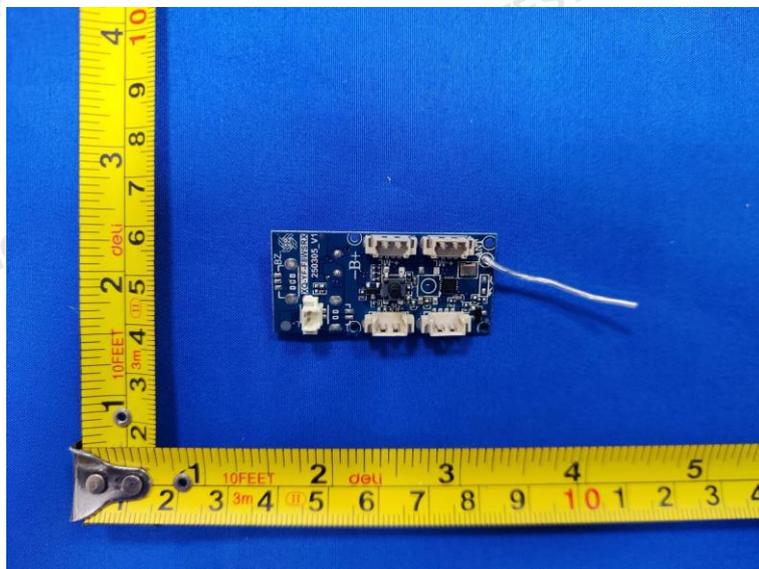
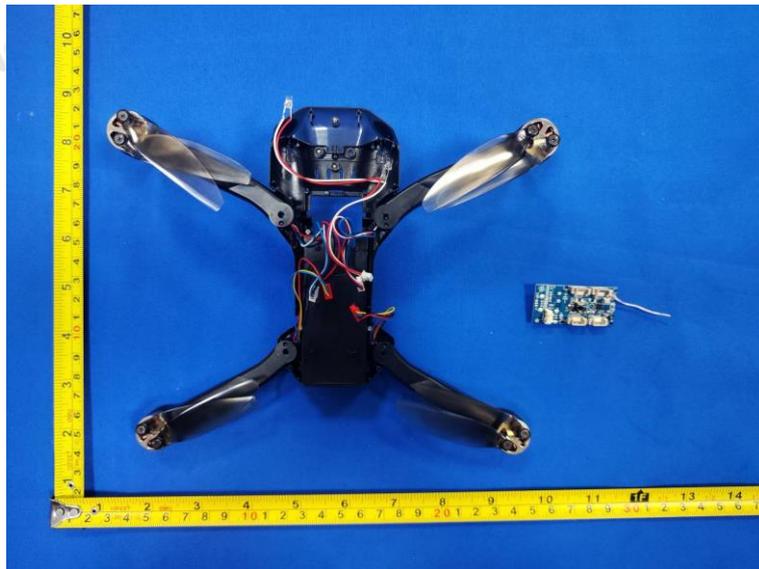


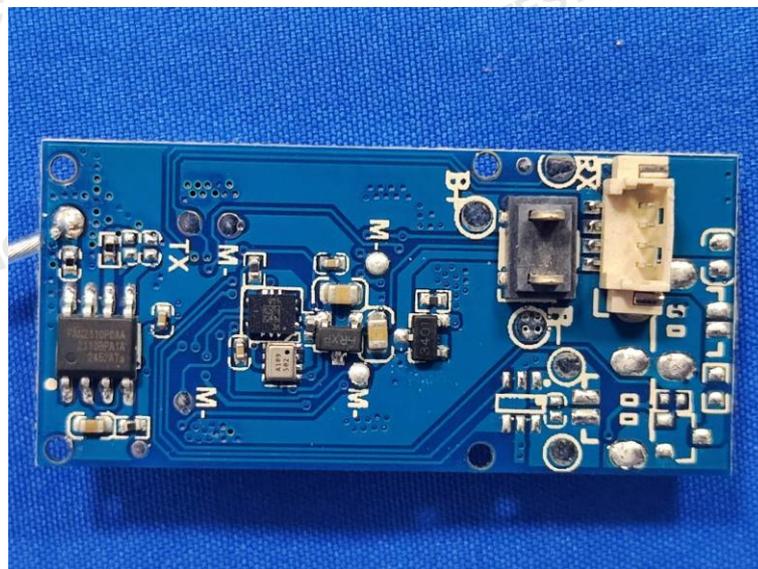
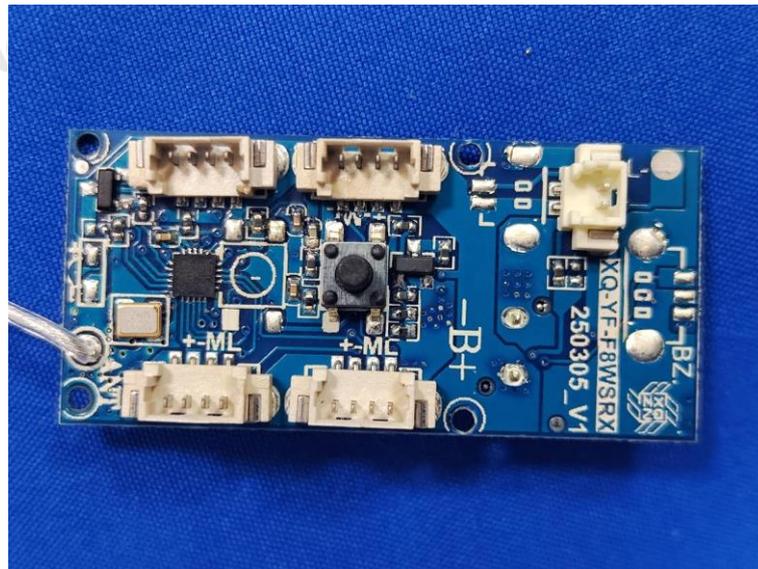














***** End of Report *****