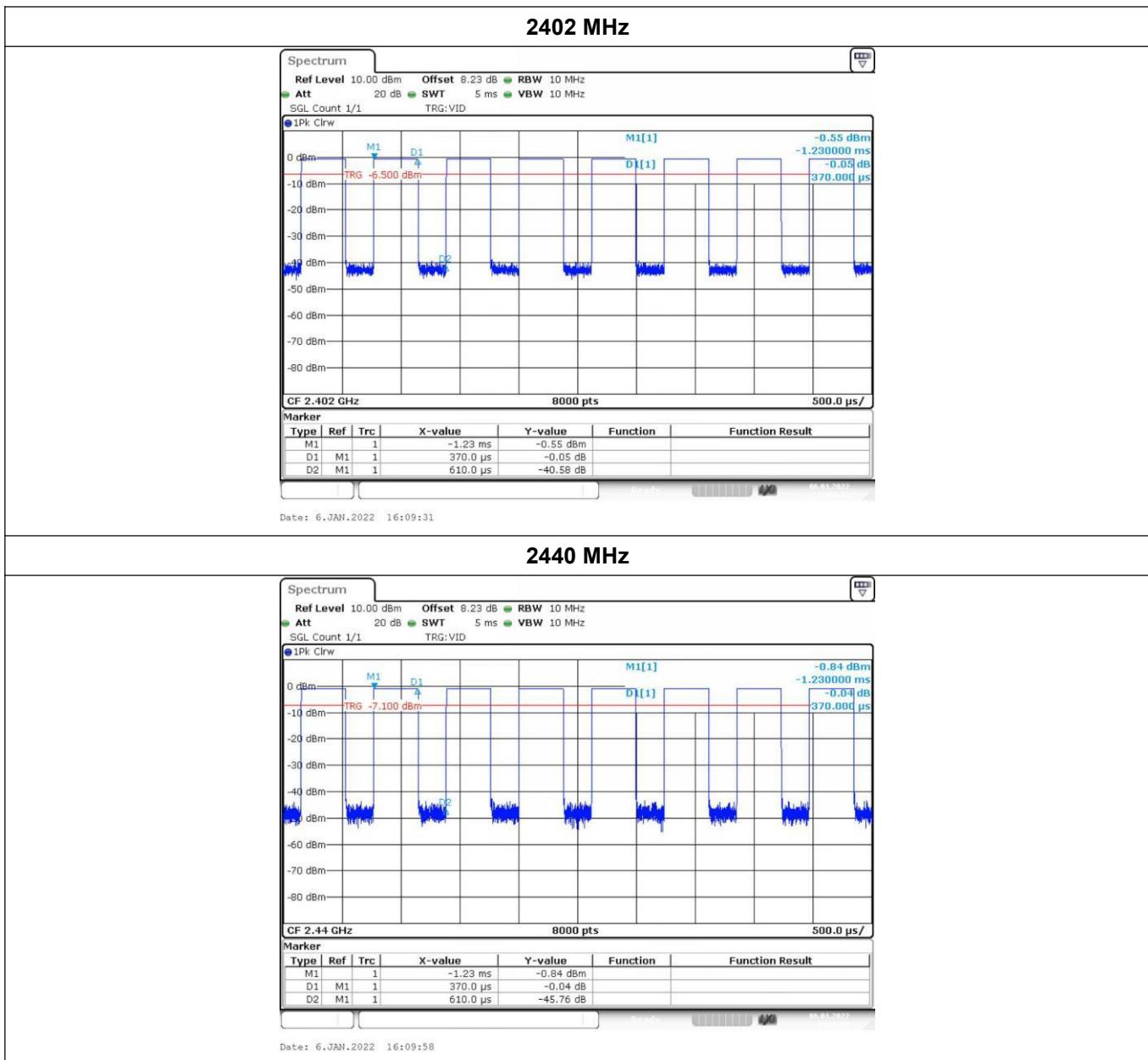
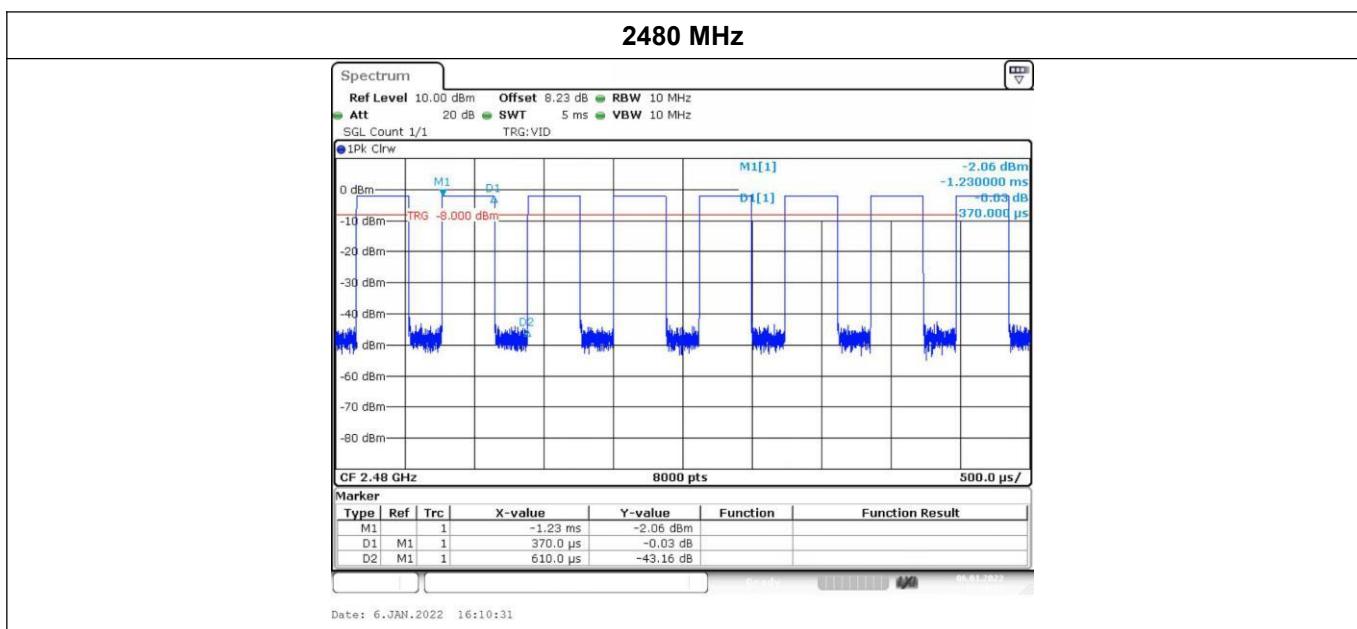


Test Mode

Please refer to the clause 2.2.

Test Results





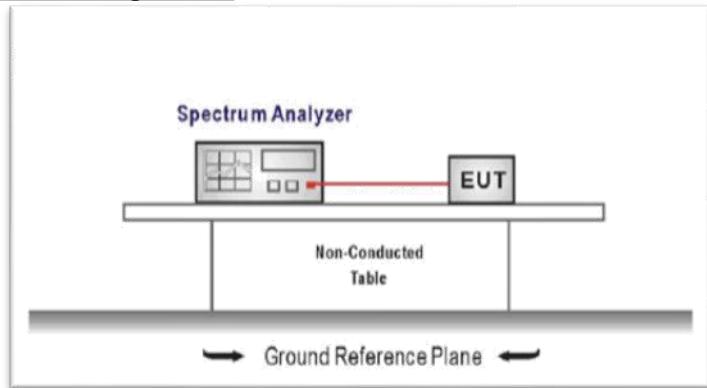
3.9. Conducted Band Edge

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d):

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

Test Configuration



Test Procedure

1. Connect EUT RF Output port to the Spectrum Analyzer through an RF attenuator.

2. Spectrum Setting:

RBW=100KHz

VBW=300KHz.

Detector function: Peak.

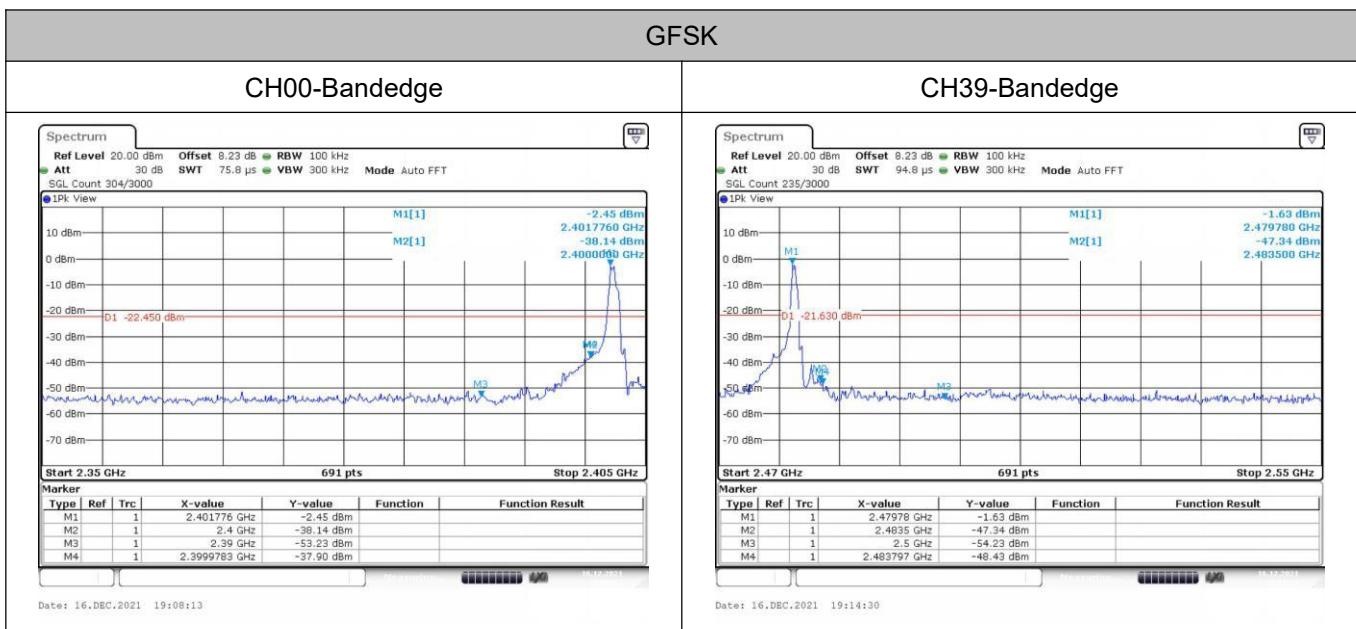
Trace: Max hold.

Sweep = Auto couple.

Allow the trace to stabilize.

Test Mode

Please refer to the clause 2.2.

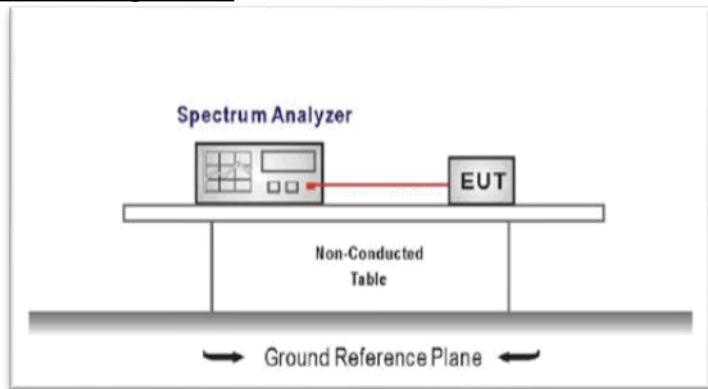
Test Results


3.10. Spurious RF Conducted Emission

Limit

Below -20dB of the highest emission level in operating band.

Test Configuration



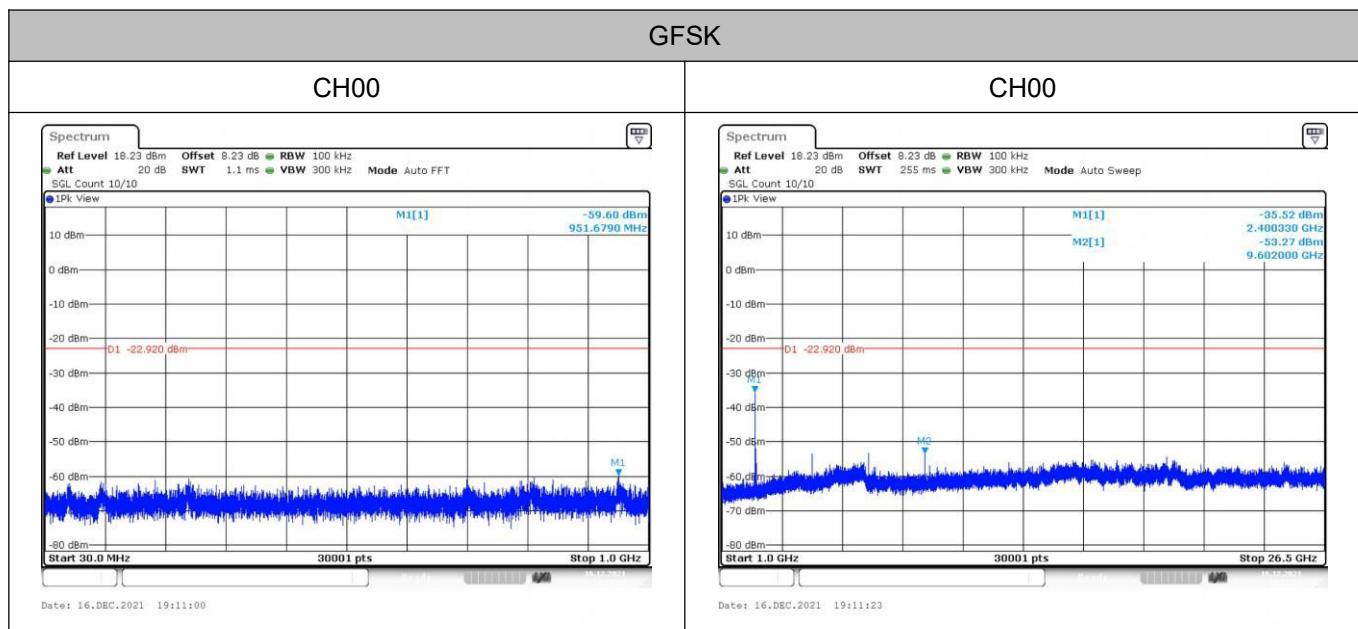
Test Procedure

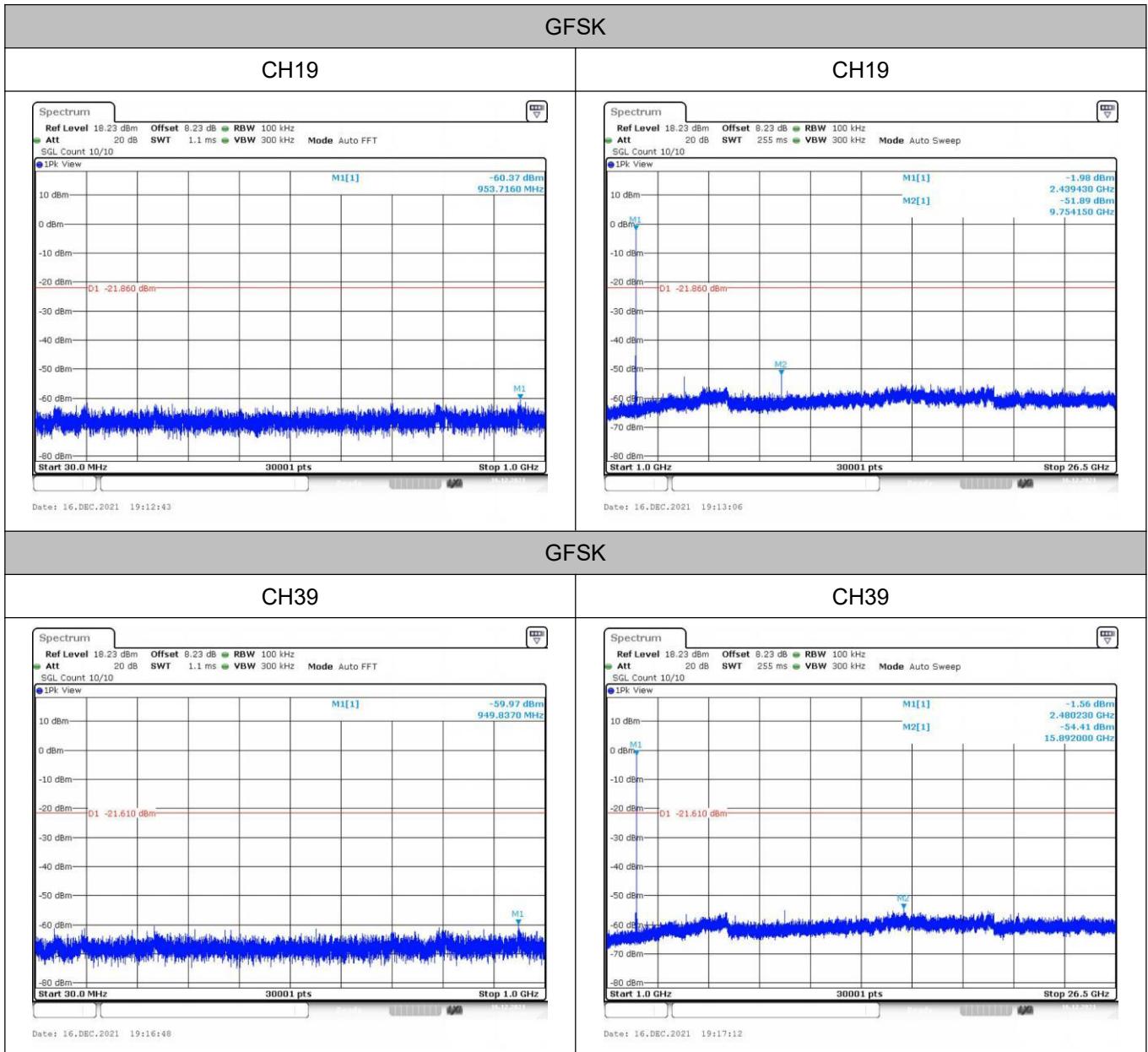
The Spurious RF conducted emissions compliance of RF radiated emission should be measured by following the guidance in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization etc. Set RBW=100kHz and VBW= 300kHz to measure the peak field strength, and measure frequency range from 9kHz to 26.5GHz.

Test Mode

Please refer to the clause 2.2.

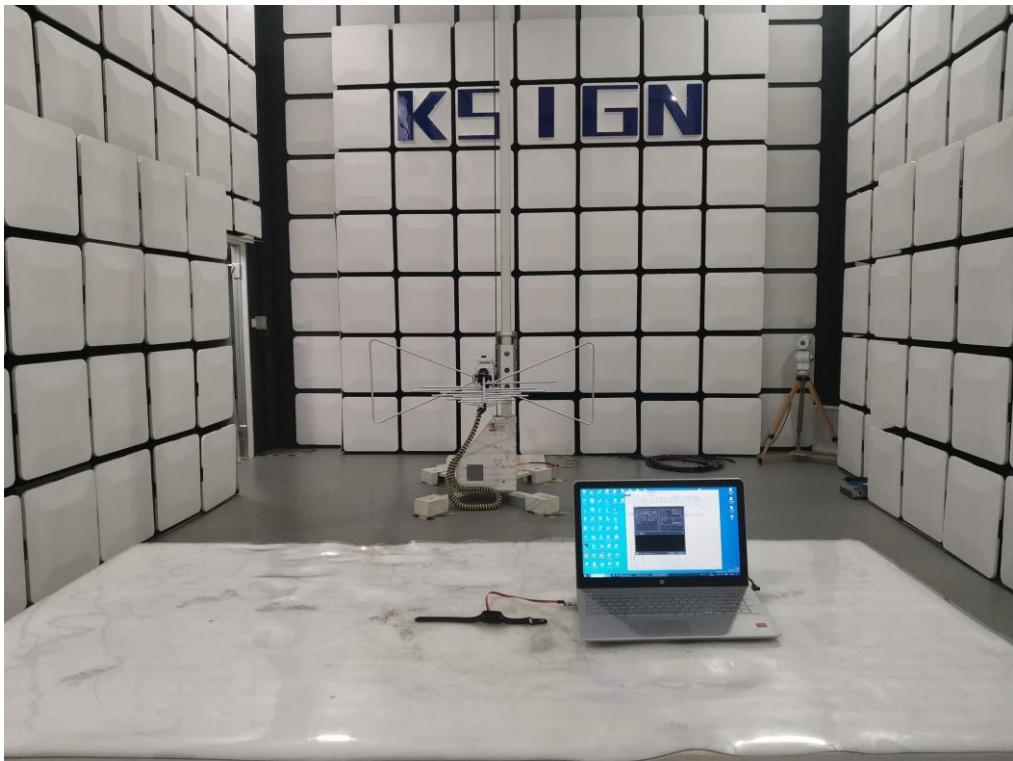
Test Results



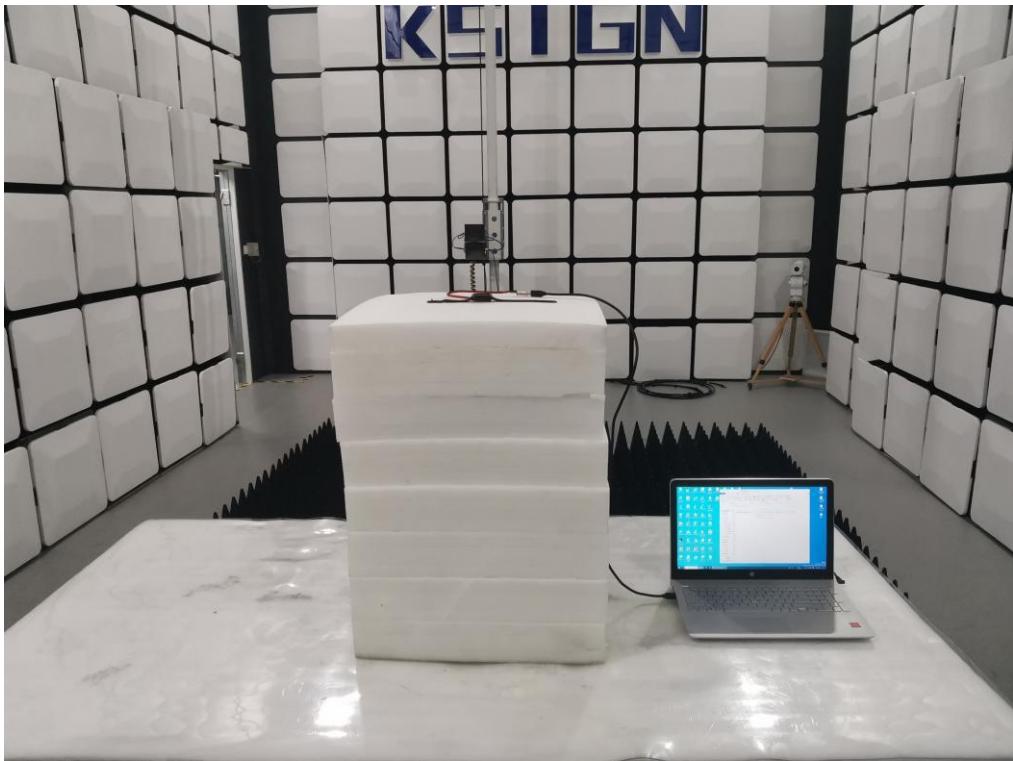


4. EUT TEST PHOTOS

Radiated Measurement (Below 1GHz)



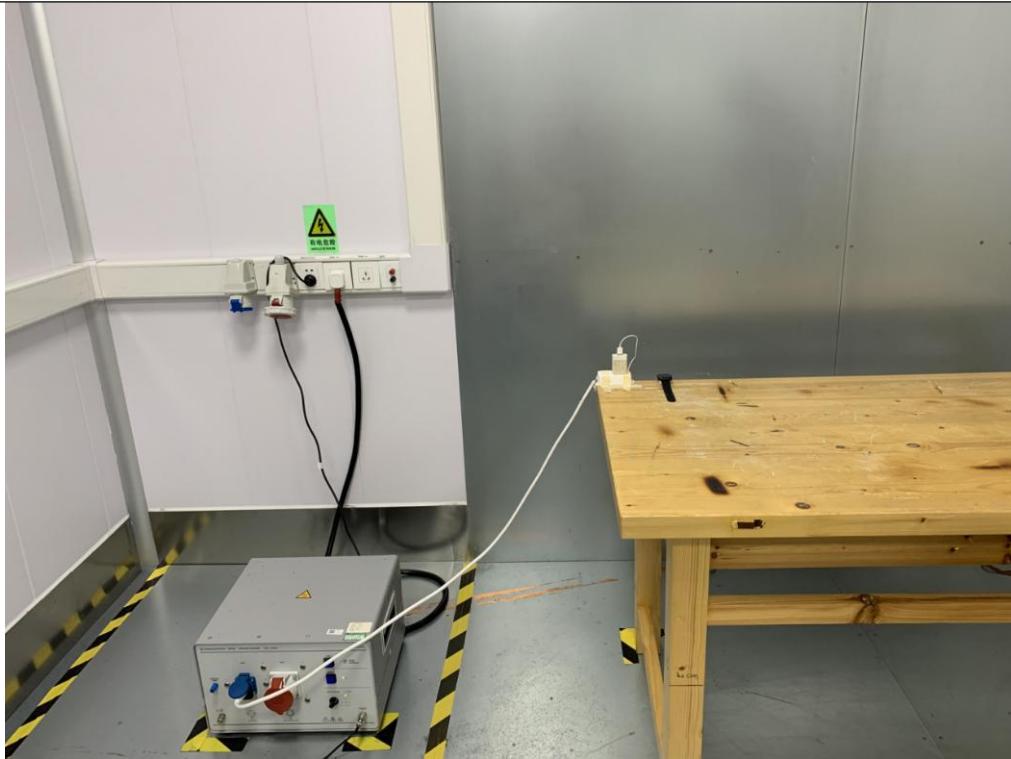
Radiated Measurement (Above 1GHz)



RF Conducted



Conducted Emission



5.PHOTOGRAPHS OF EUT CONSTRUCTIONAL

External Photographs

Photo 1



Photo 2



Photo 3

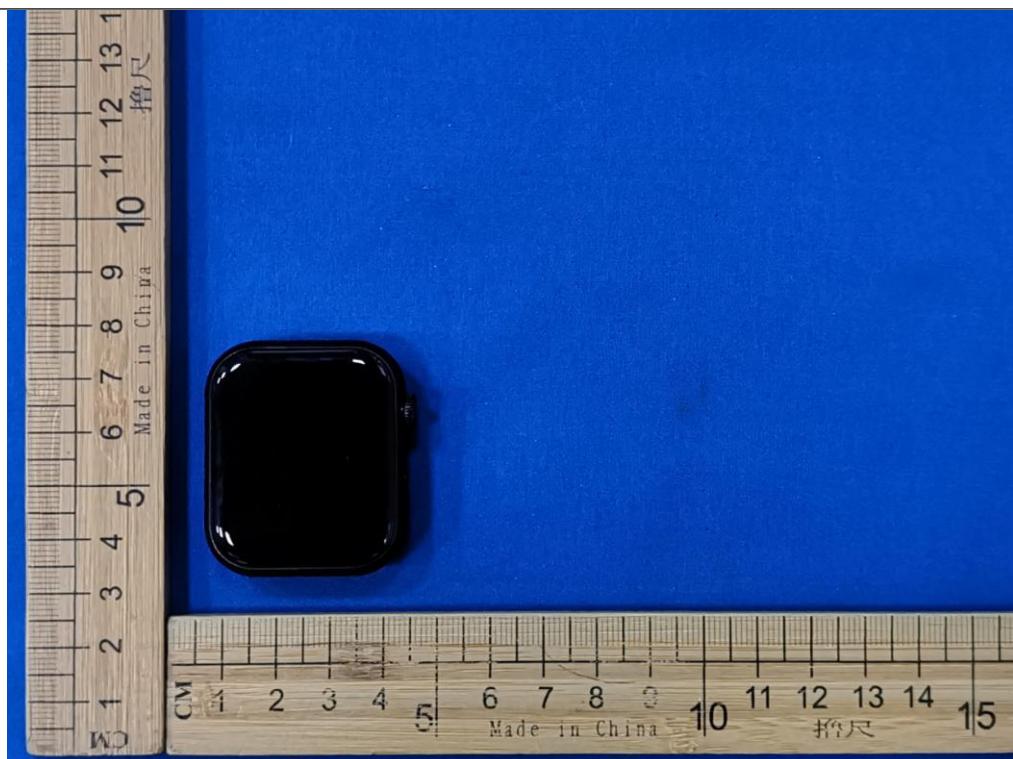


Photo 4



Photo 5



Photo 6



Photo 7



Photo 8



Photo 9



TRF No. FCC Part 15.247_R1

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Internal Photographs

Photo 1



Photo 2



Photo 3

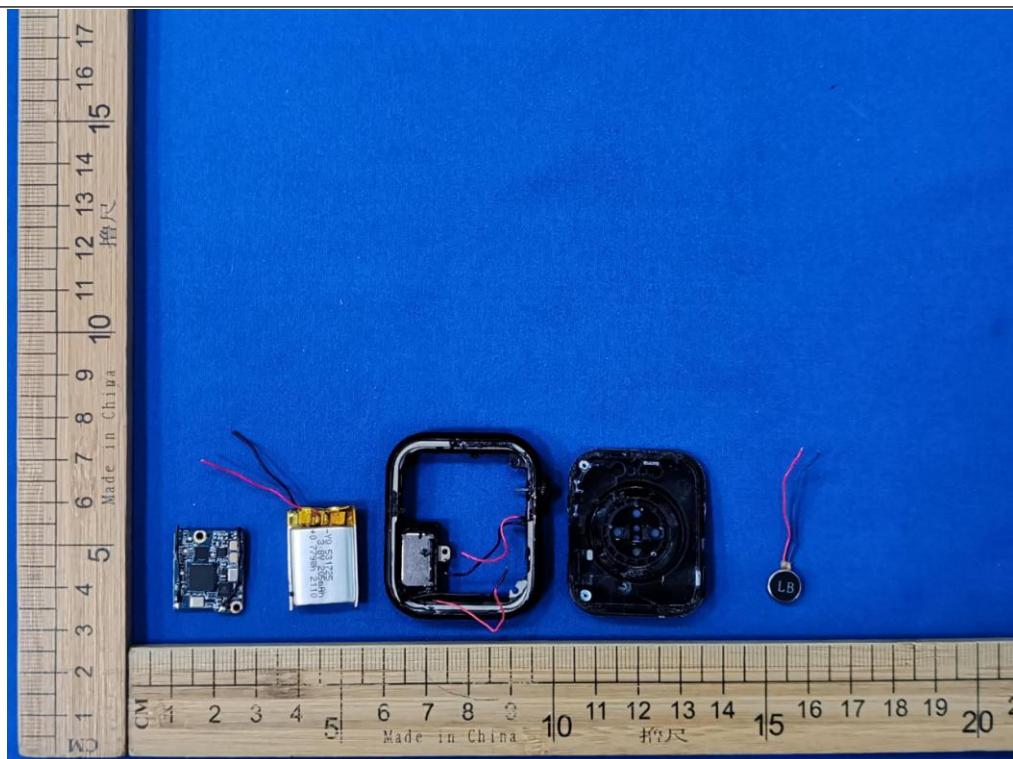


Photo 4

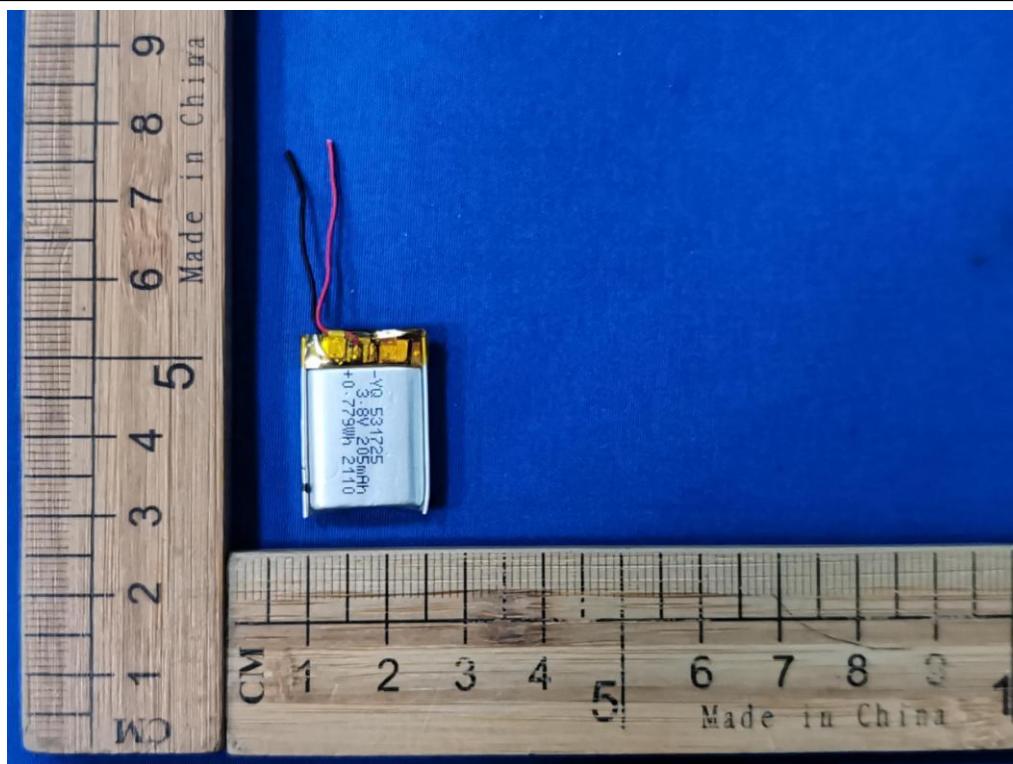


Photo 5

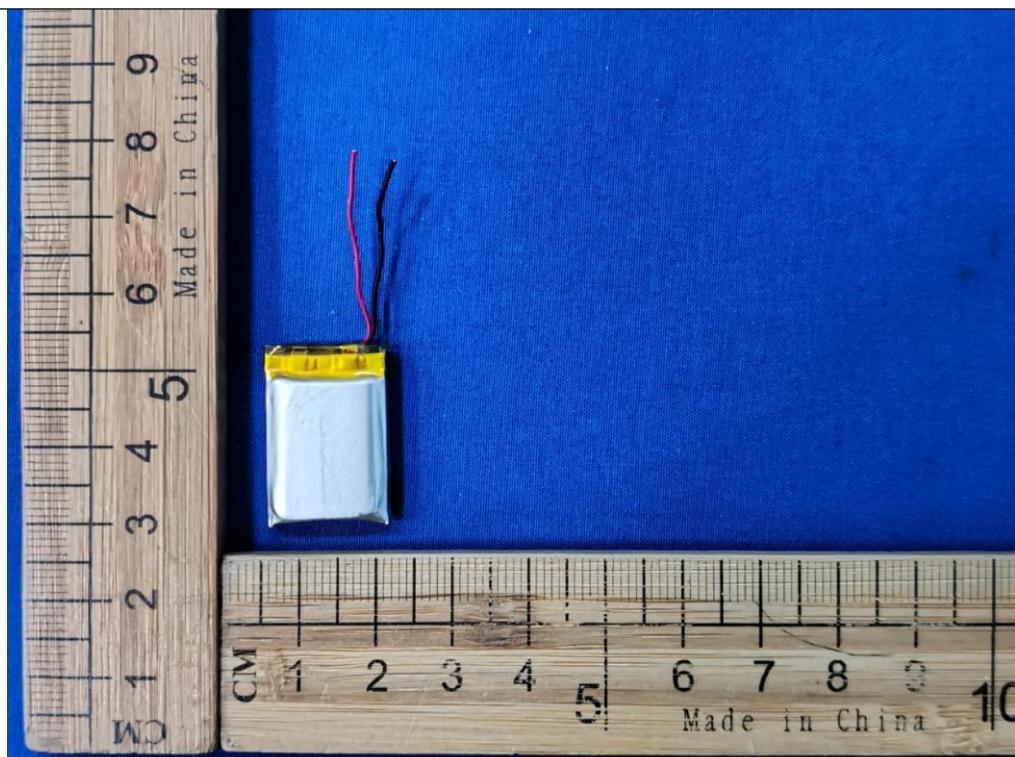


Photo 6

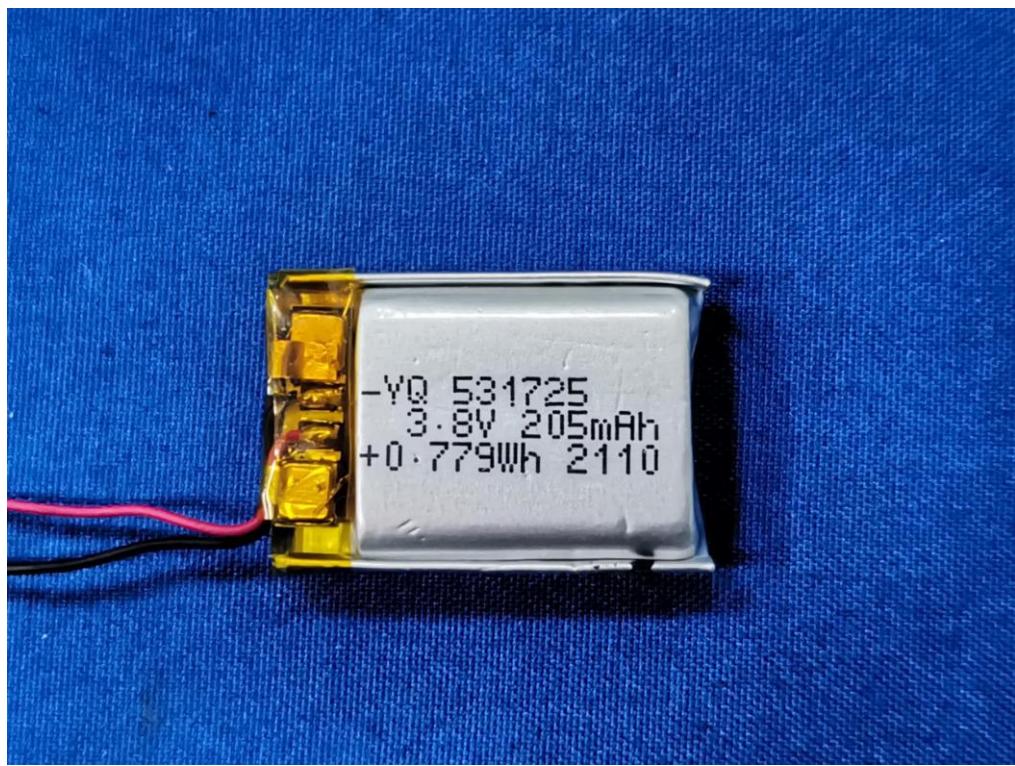


Photo 7

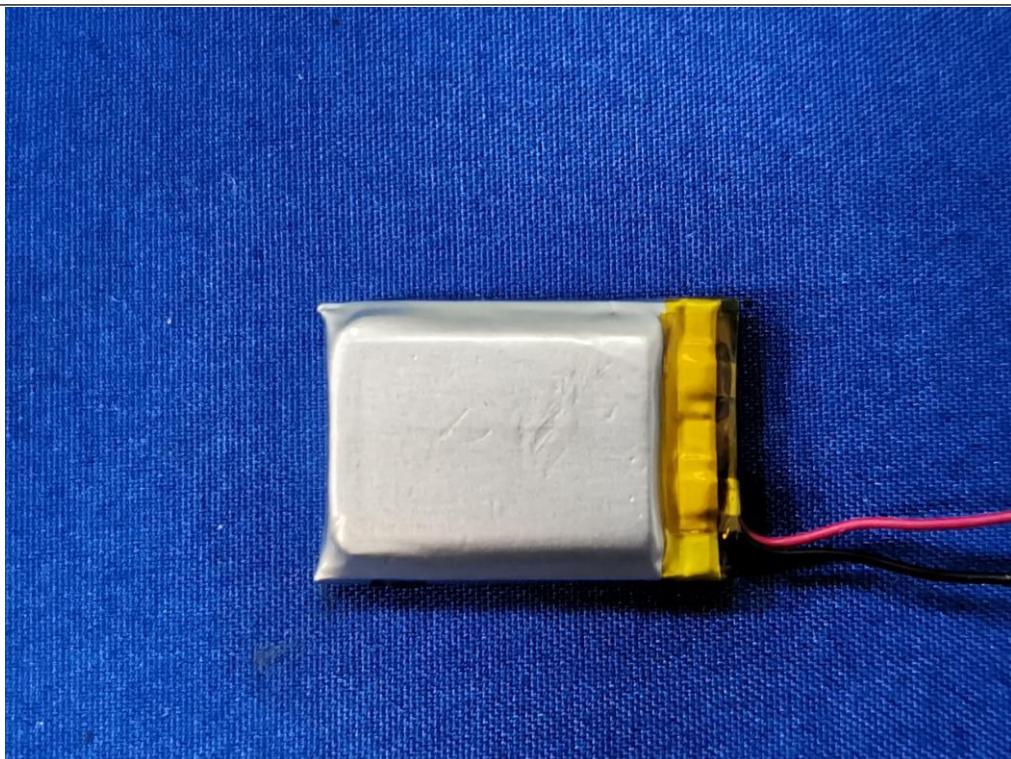


Photo 8

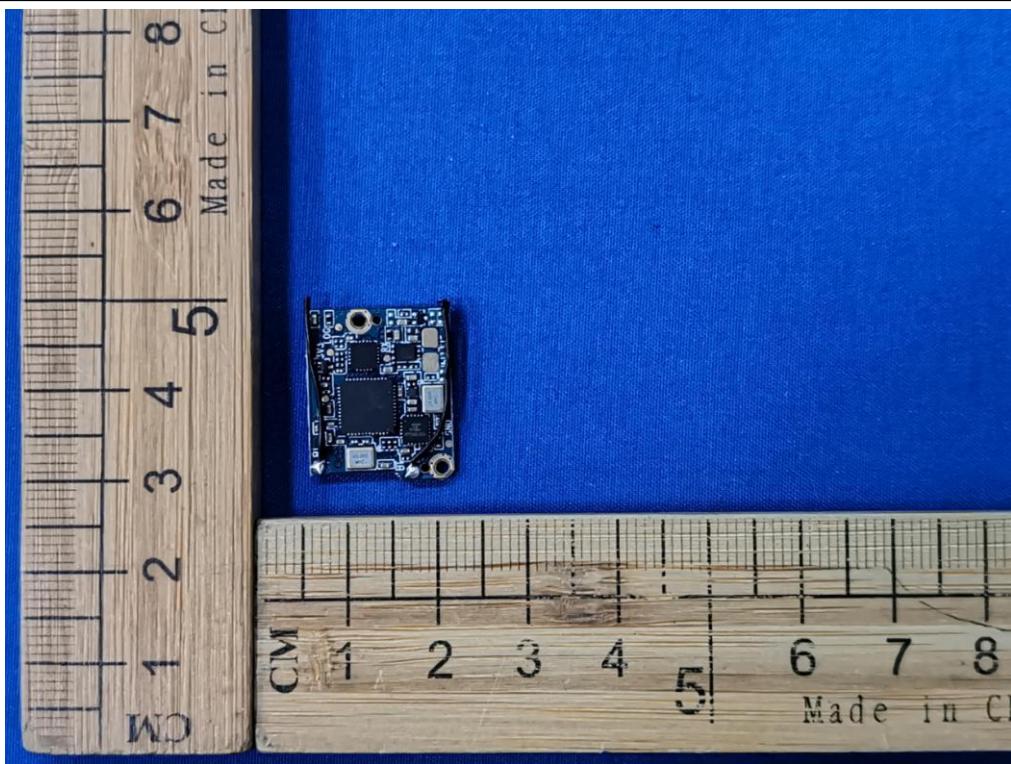


Photo 9

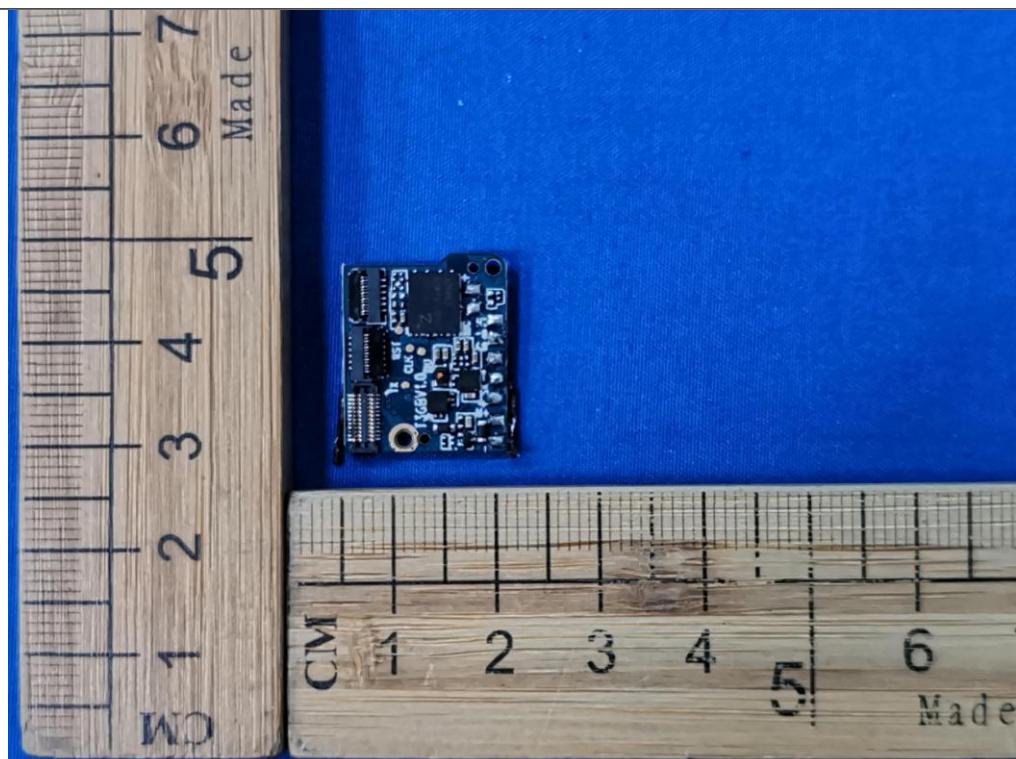


Photo 10

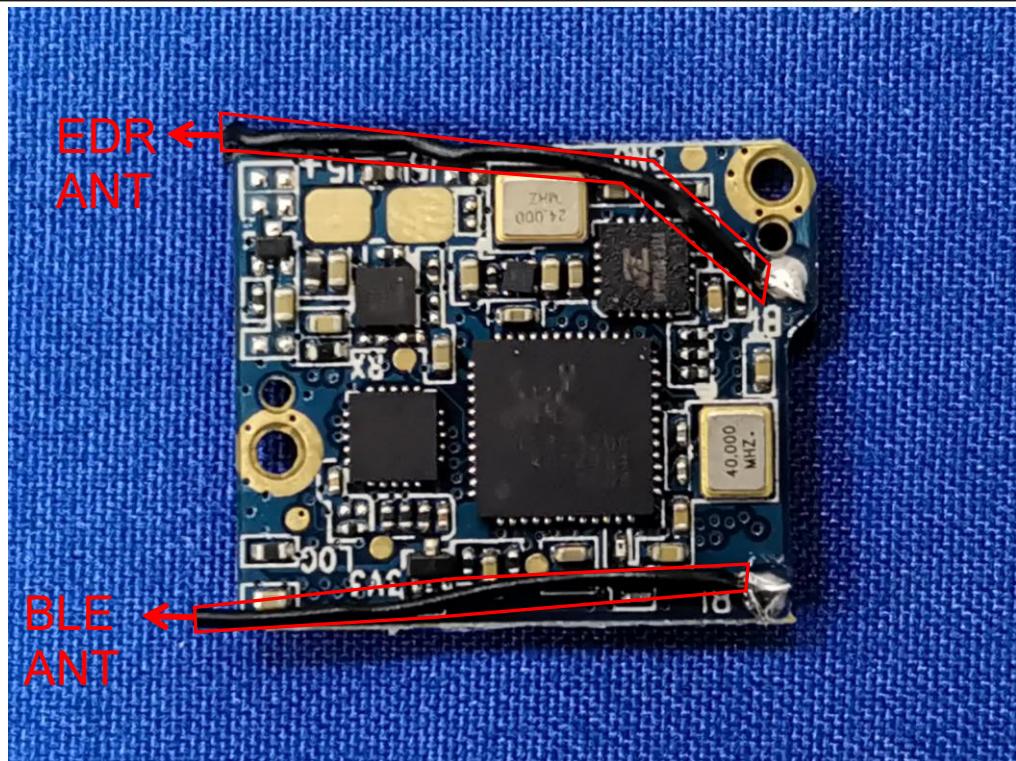


Photo 11



Photo 12

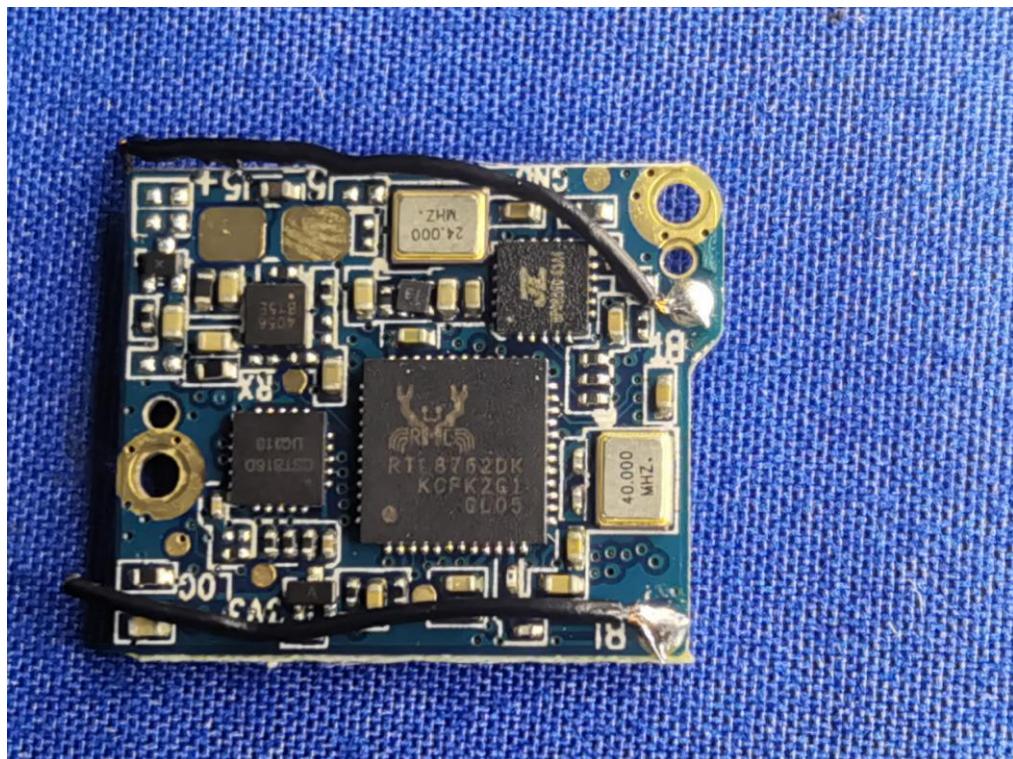
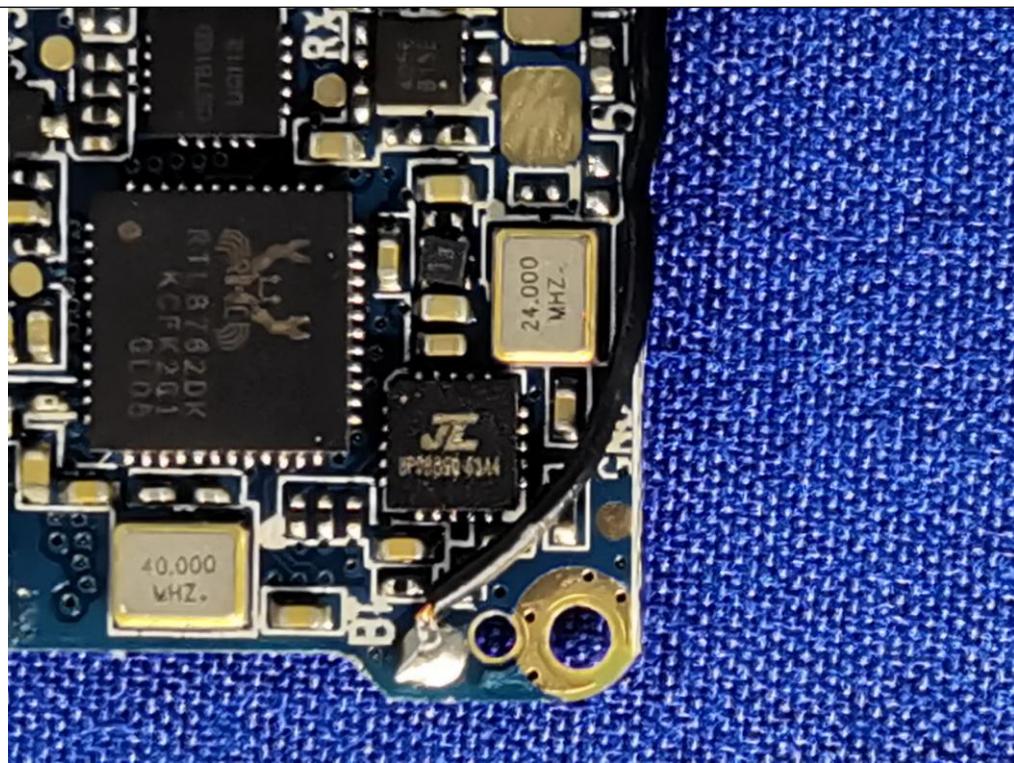


Photo 13



--THE END--