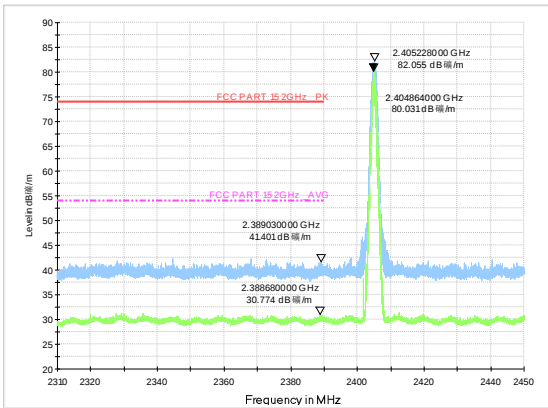
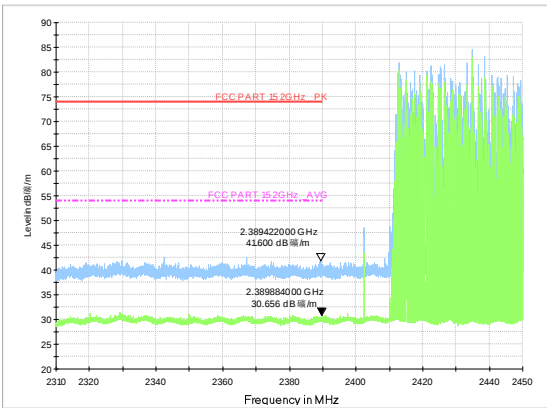


Test Mode: GFSK-High (2405MHz)

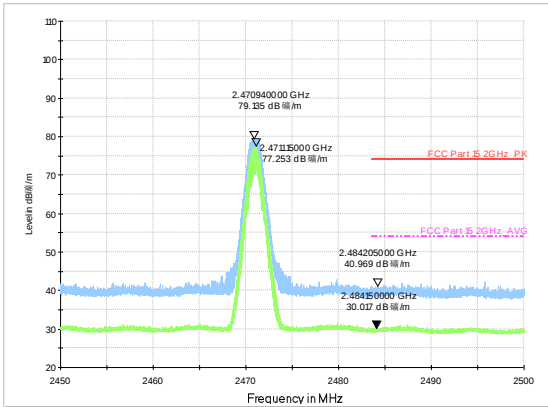


hopping-off

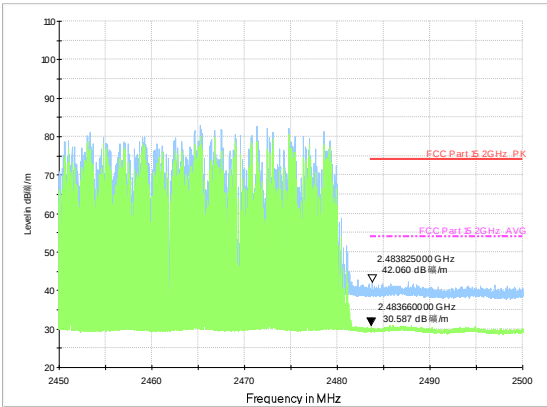


hopping-on

Test Mode: GFSK-High (2471MHz)

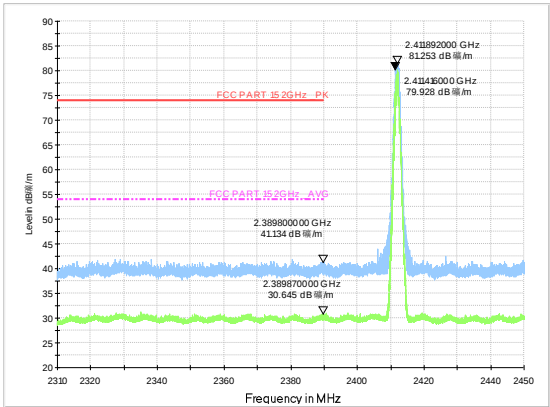


hopping-off

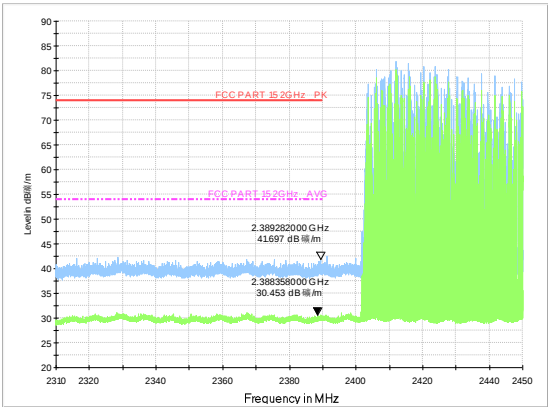


hopping-on

Test Mode: GFSK-Low (2412MHz)

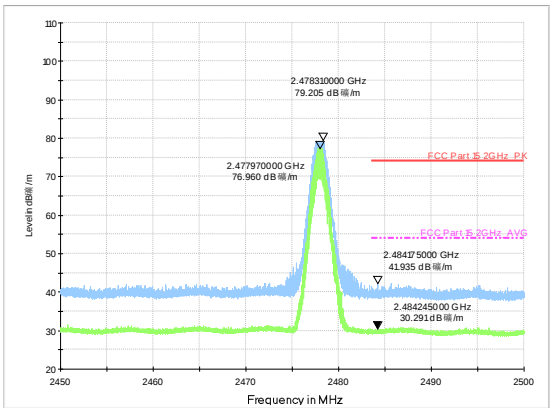


hopping-off

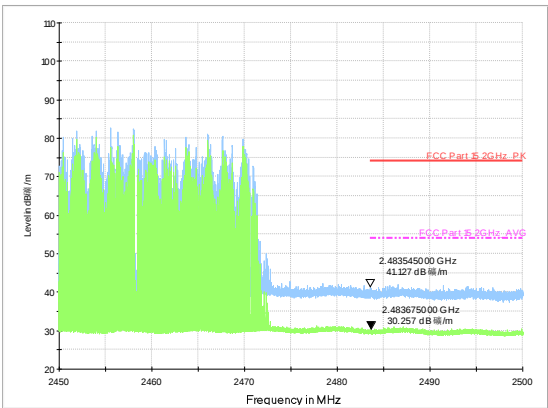


hopping-on

Test Mode: GFSK-Low (2478MHz)

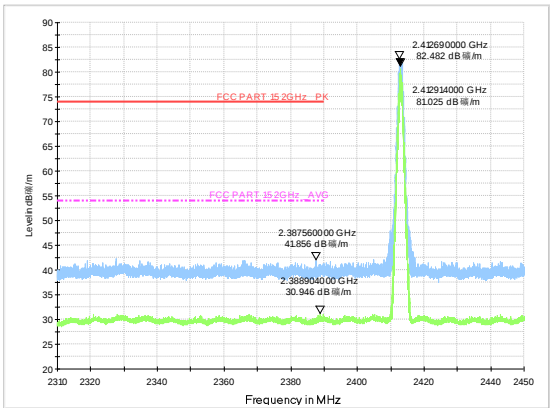


hopping-off

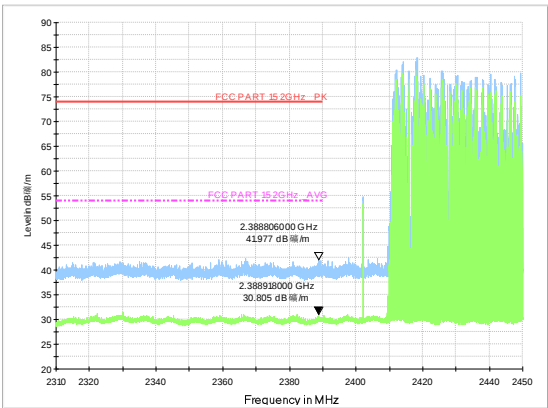


hopping-on

Test Mode: GFSK-High (2413MHz)

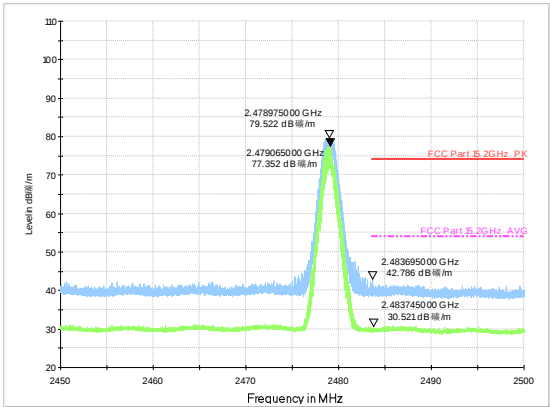


hopping-off

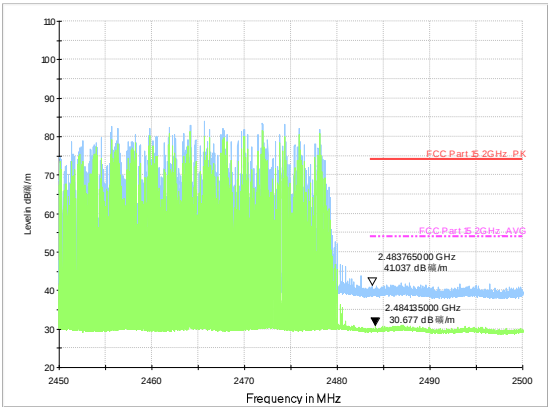


hopping-on

Test Mode: GFSK-High (2479MHz)

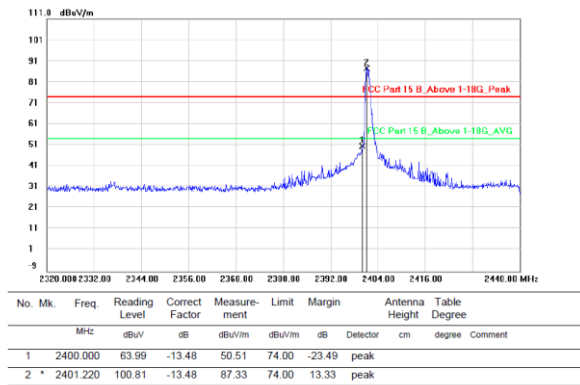


hopping-off

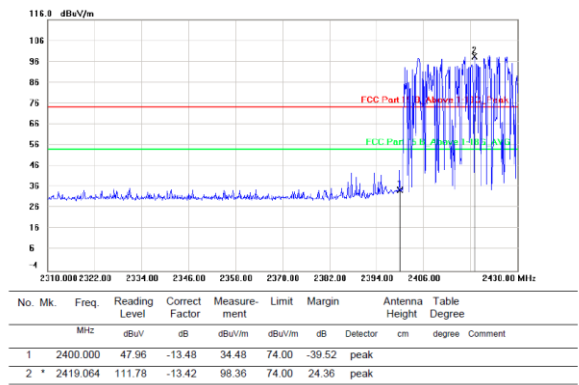


hopping-on

Test Mode: GFSK-High (2401MHz)
Polarization: Vertical

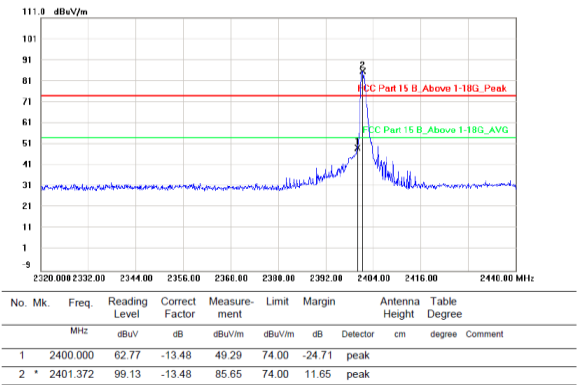


hopping-off

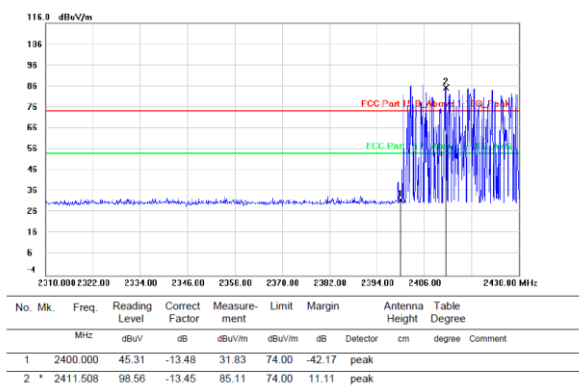


hopping-on

Polarization: Horizontal:

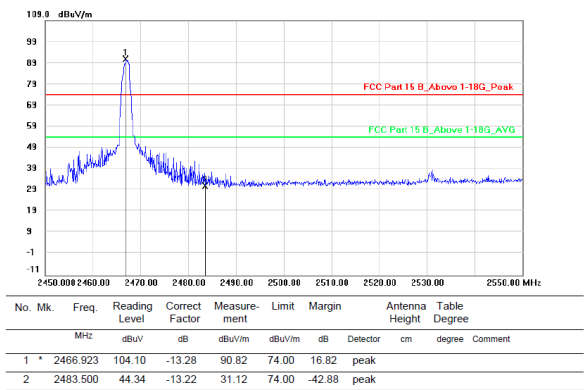


hopping-off

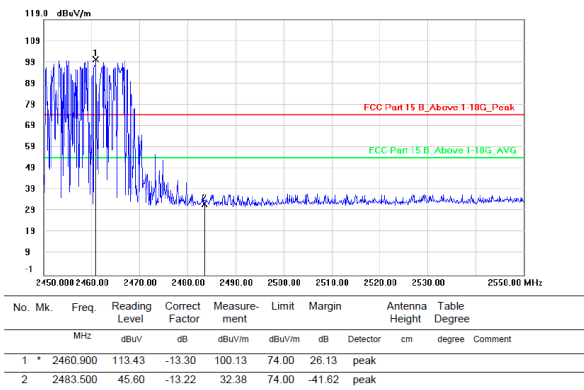


hopping-on

Test Mode: GFSK-High (2467MHz)
Polarization: Vertical

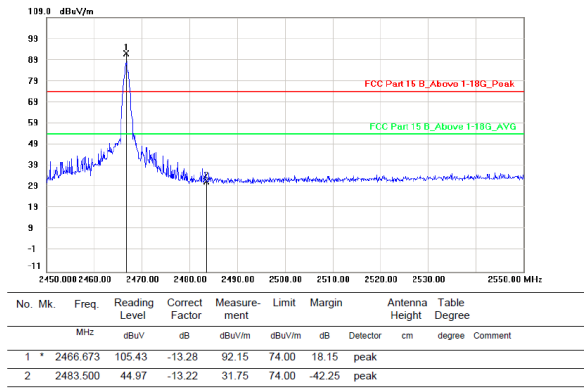


hopping-off

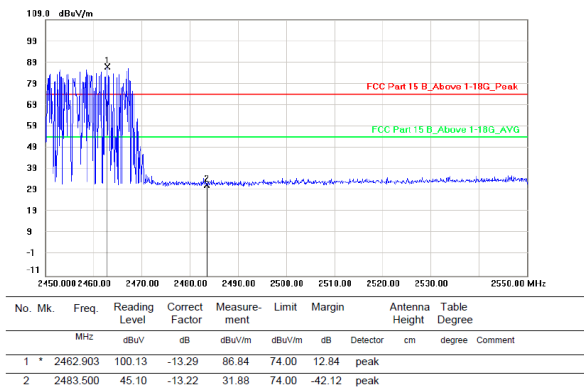


hopping-on

Polarization: Horizontal:



hopping-off



hopping-on

Note: 1. *:Maximum data; x:Over limit; !:over margin.
2.Measurement=Reading Level+Correct Factor; Correct Factor=Antenna Factor+Cable Loss.

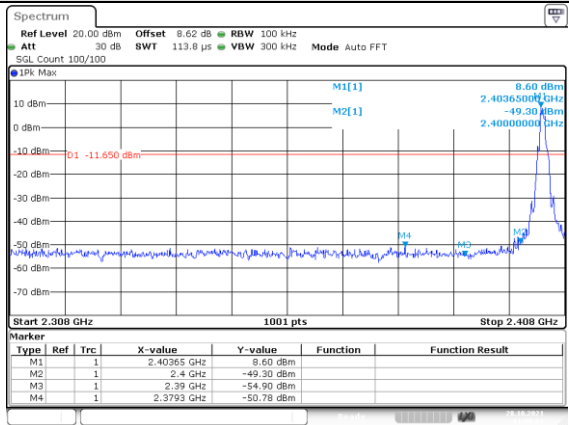
Conducted Method

GFSK Mode:

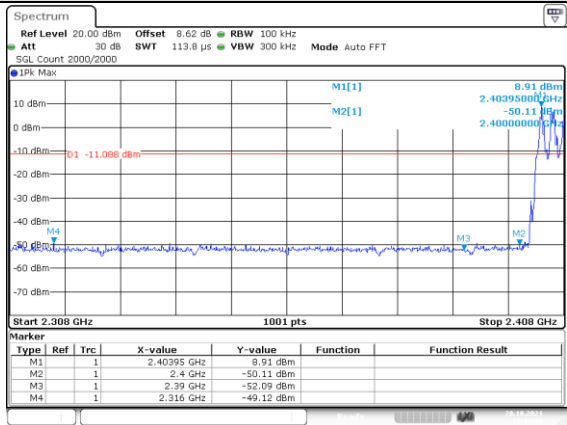
2404-2470 MHz:

Test channel:

Lowest channel



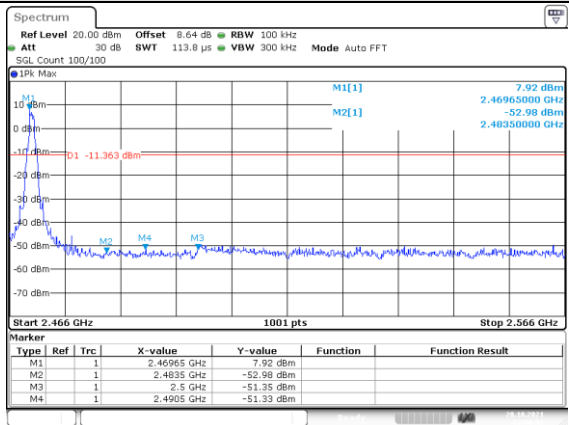
Hopping-off mode



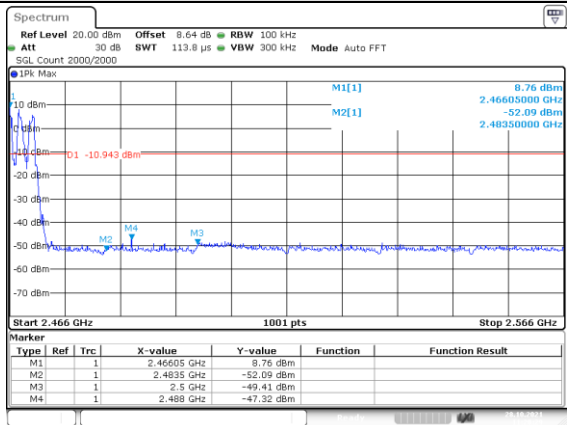
Hopping-on mode

Test channel:

Highest channel



Hopping-off mode

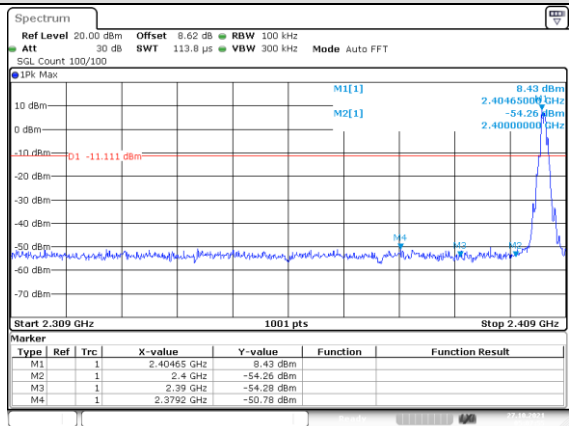


Hopping-on mode

2405-2471 MHz:

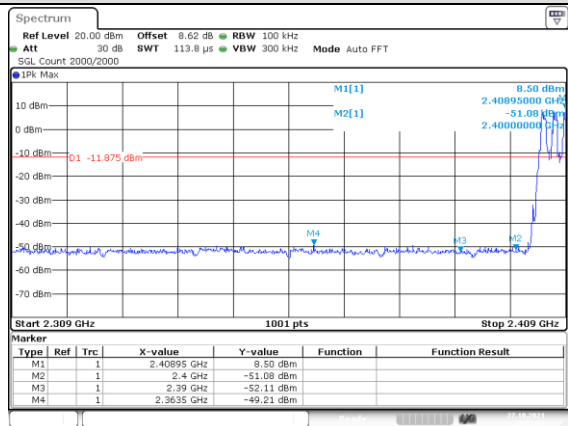
Test channel:

Lowest channel



Date: 27.OCT.2021 05:07:55

Hopping-off mode

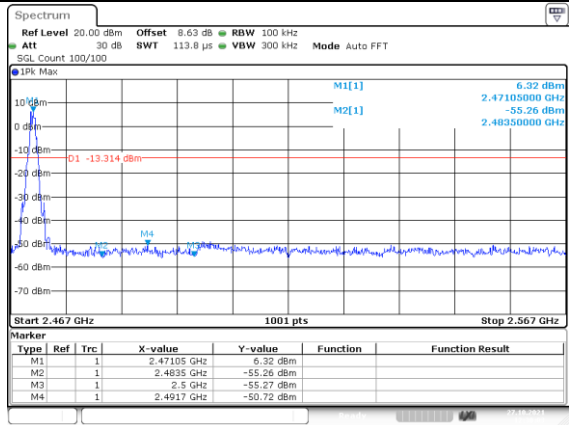


Date: 27.OCT.2021 12:53:52

Hopping-on mode

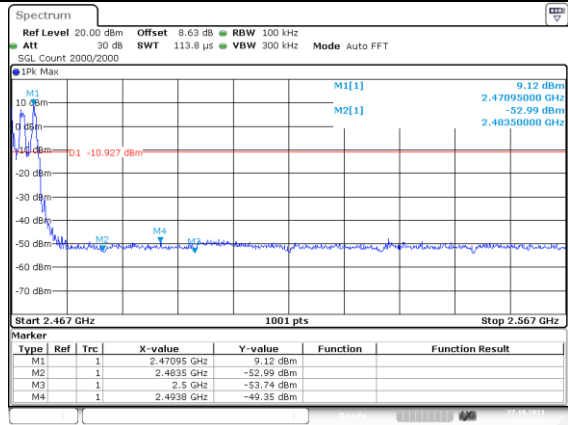
Test channel:

Highest channel



Date: 27.OCT.2021 12:30:02

Hopping-off mode



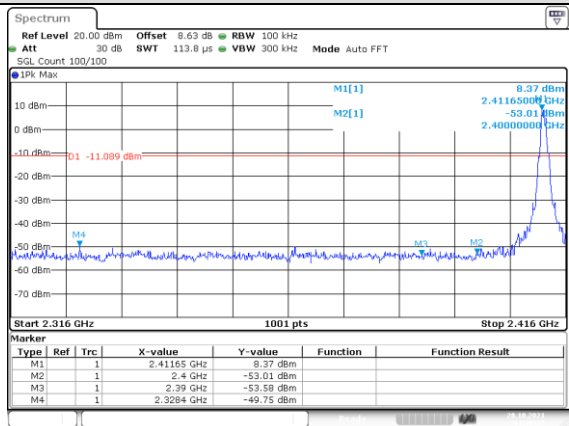
Date: 27.OCT.2021 13:04:02

Hopping-on mode

2412-2478 MHz:

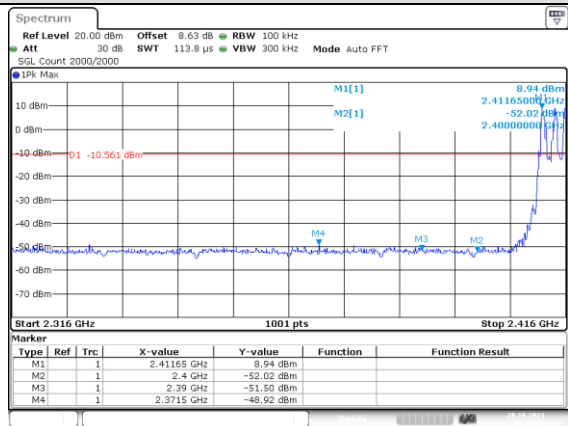
Test channel:

Lowest channel



Date: 28.OCT.2021 11:36:27

Hopping-off mode

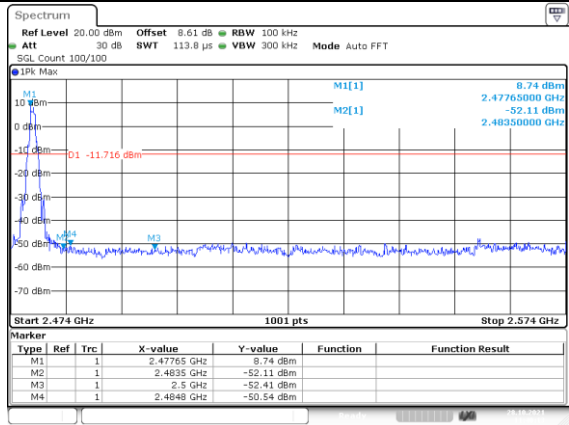


Date: 28.OCT.2021 11:51:56

Hopping-on mode

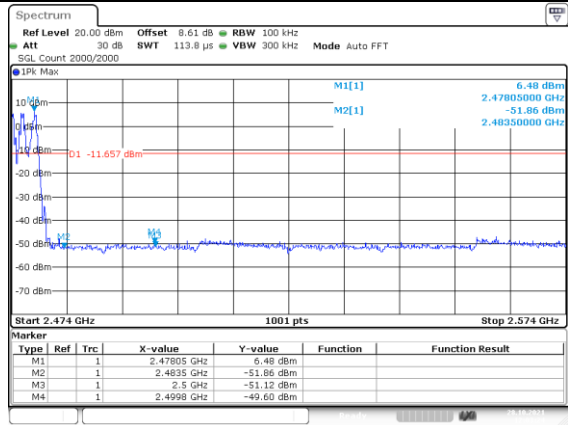
Test channel:

Highest channel



Date: 28.OCT.2021 11:40:13

Hopping-off mode



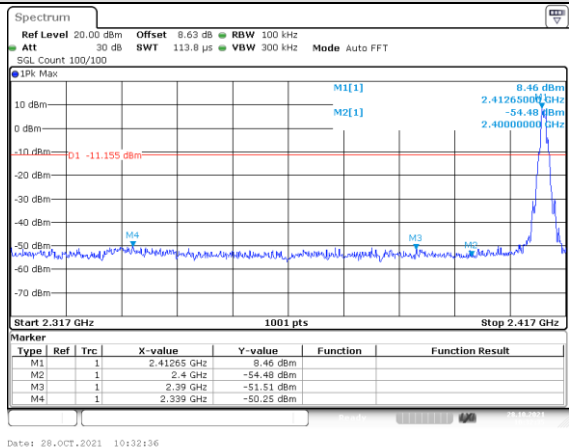
Date: 28.OCT.2021 12:03:23

Hopping-on mode

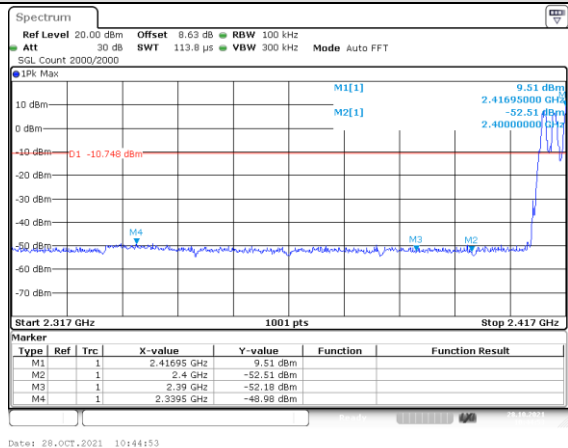
2413-2479 MHz:

Test channel:

Lowest channel



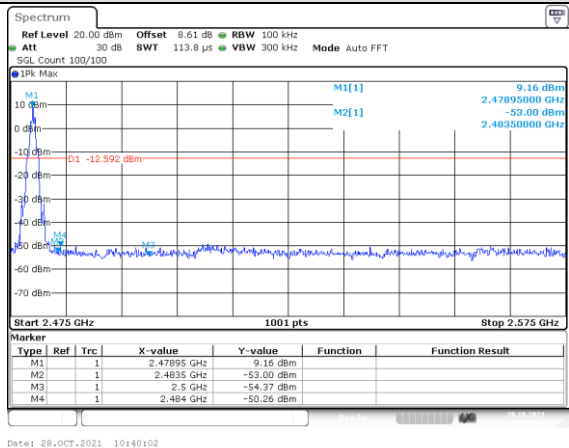
Hopping-off mode



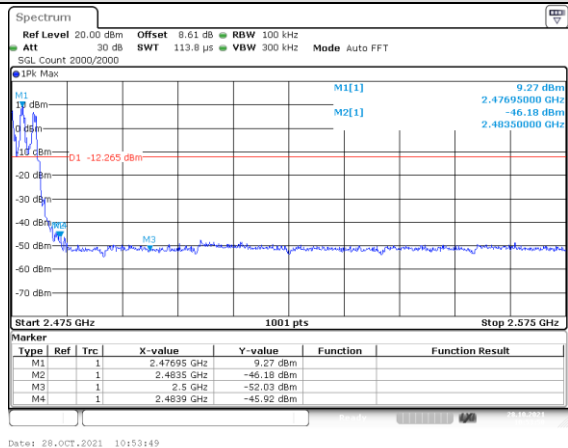
Hopping-on mode

Test channel:

Highest channel



Hopping-off mode

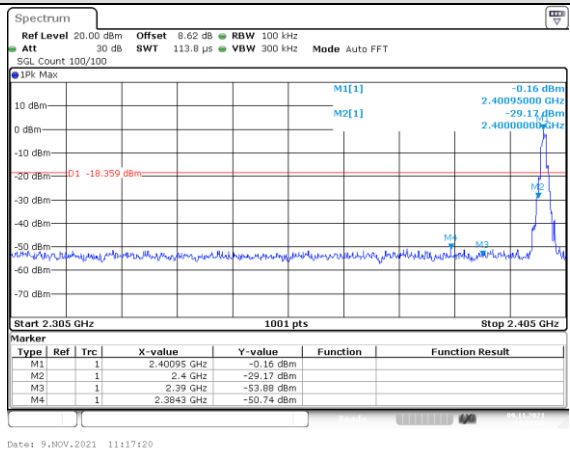


Hopping-on mode

2401-2467 MHz:

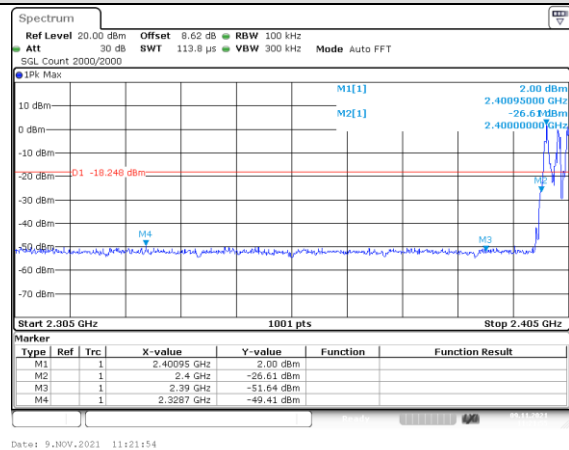
Test channel:

Lowest channel



Date: 9.NOV.2021 11:17:20

Hopping-off mode

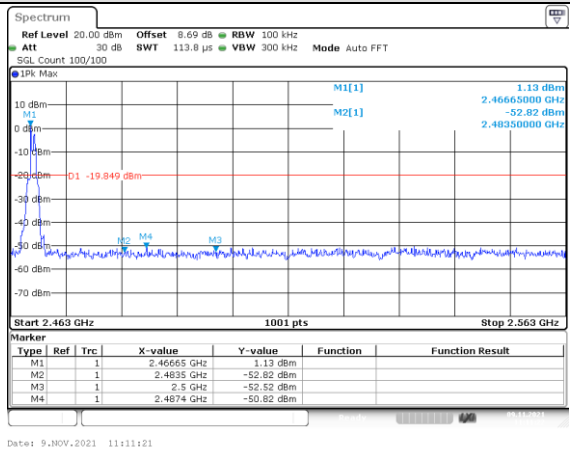


Date: 9.NOV.2021 11:21:54

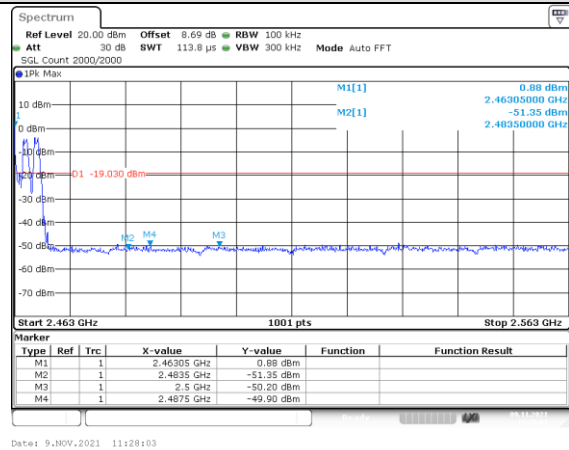
Hopping-on mode

Test channel:

Highest channel



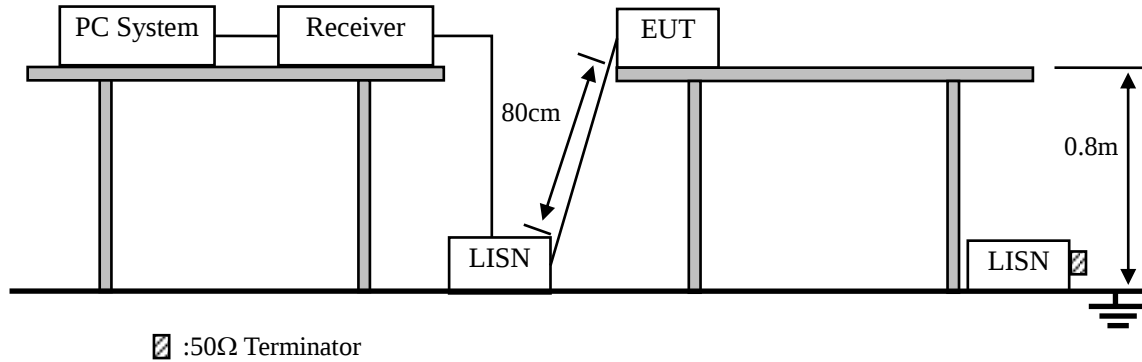
Date: 9.NOV.2021 11:11:21



Date: 9.NOV.2021 11:28:03

10. POWER LINE CONDUCTED EMISSIONS

10.1. Block Diagram of Test Setup



10.2. Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

10.3. Test Procedure

- (1) The EUT was placed on a non-metallic table, 80cm above the ground plane.
- (2) Setup the EUT and simulator as shown in 10.1
- (3) The EUT Power connected to the power mains through a power adapter and a line impedance stabilization network (L.I.S.N1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N2), this provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10:2013 on conducted Emission test.
- (4) The bandwidth of test receiver is set at 10kHz.
- (5) The frequency range from 150 KHz to 30MHz is checked.

10.4. Test Result

Not applicable for equipment operated with AAA battery power supply.

11.ANTENNA REQUIREMENTS

11.1.Limit

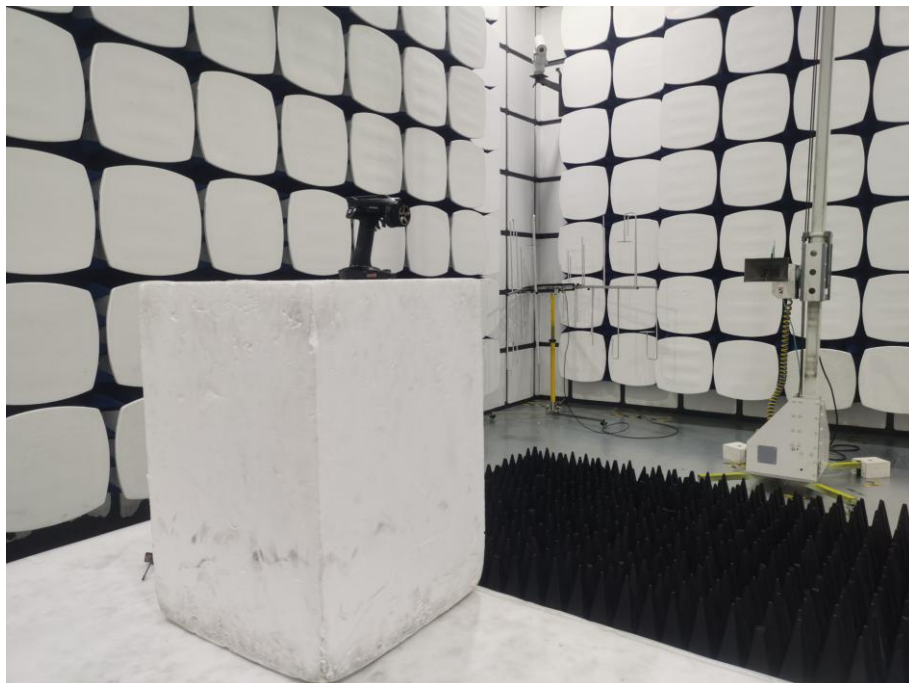
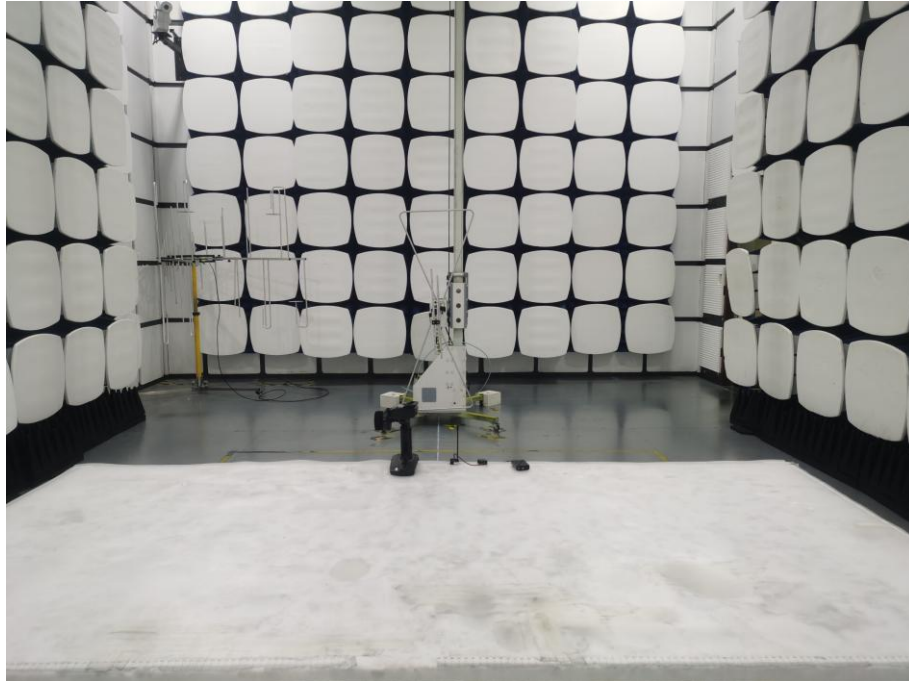
For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional 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 EUT antenna is internal antenna. It complies with the standard requirement.

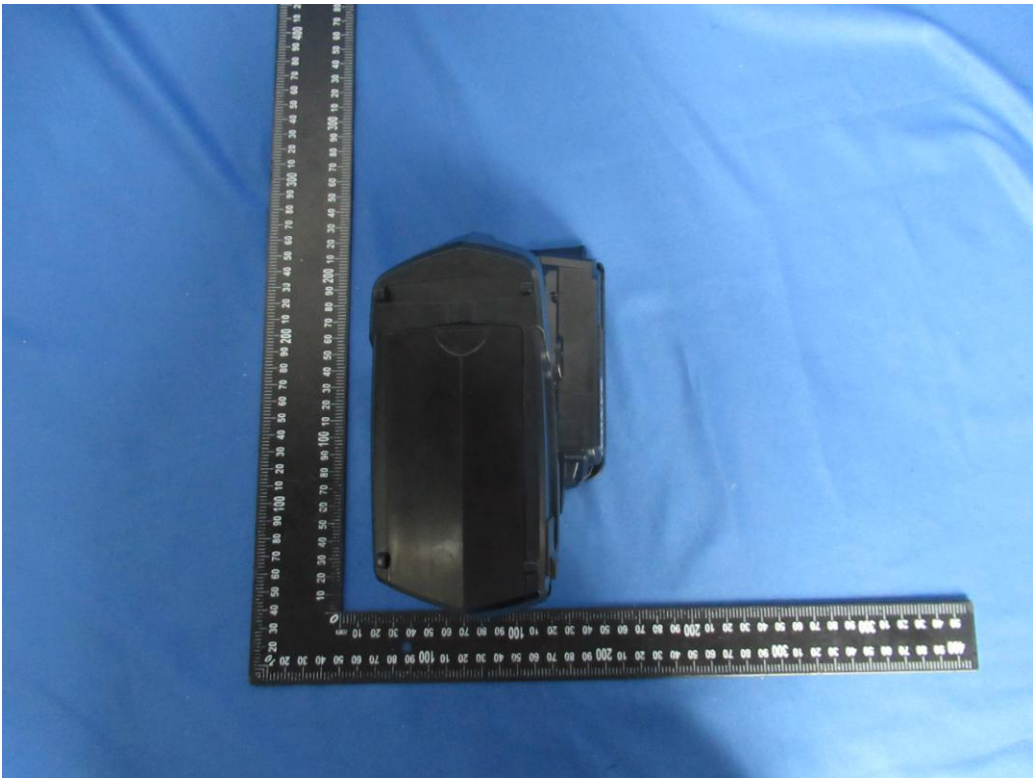
12. TEST SETUP PHOTO

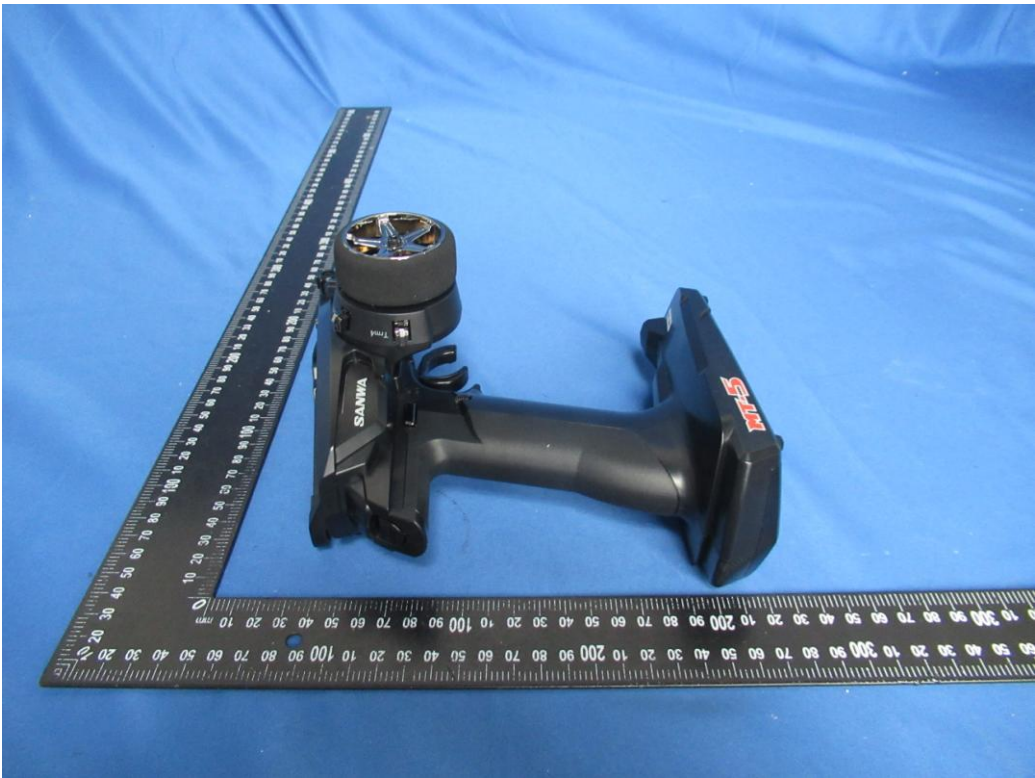
12.1. Photos of Radiated emission



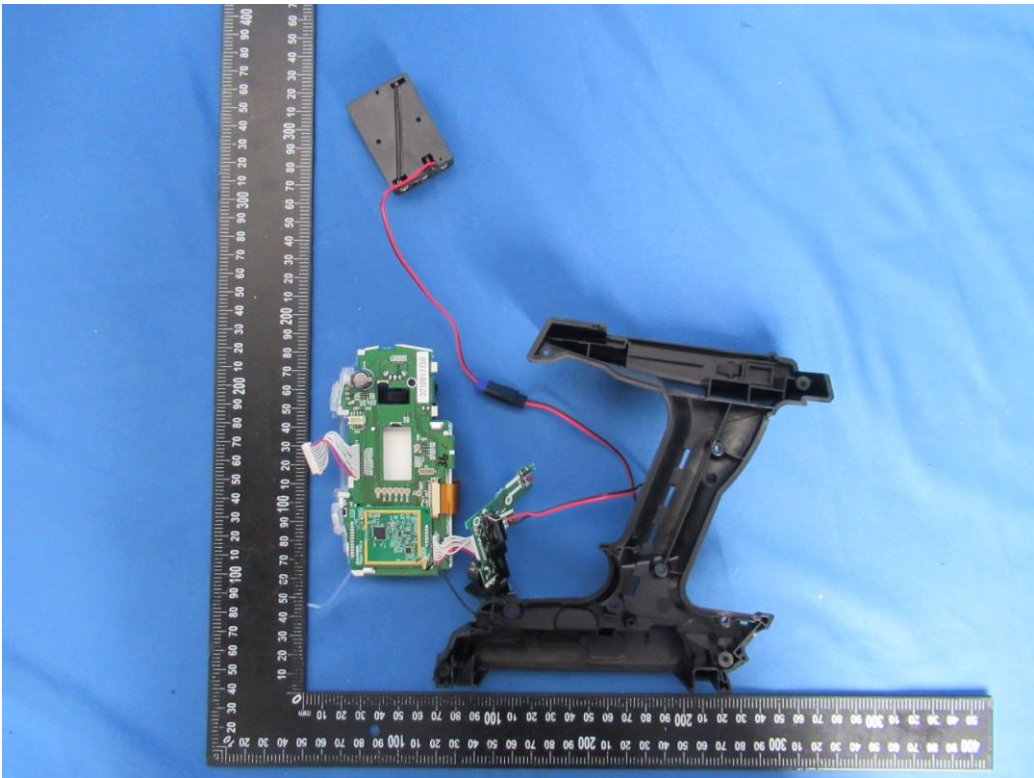
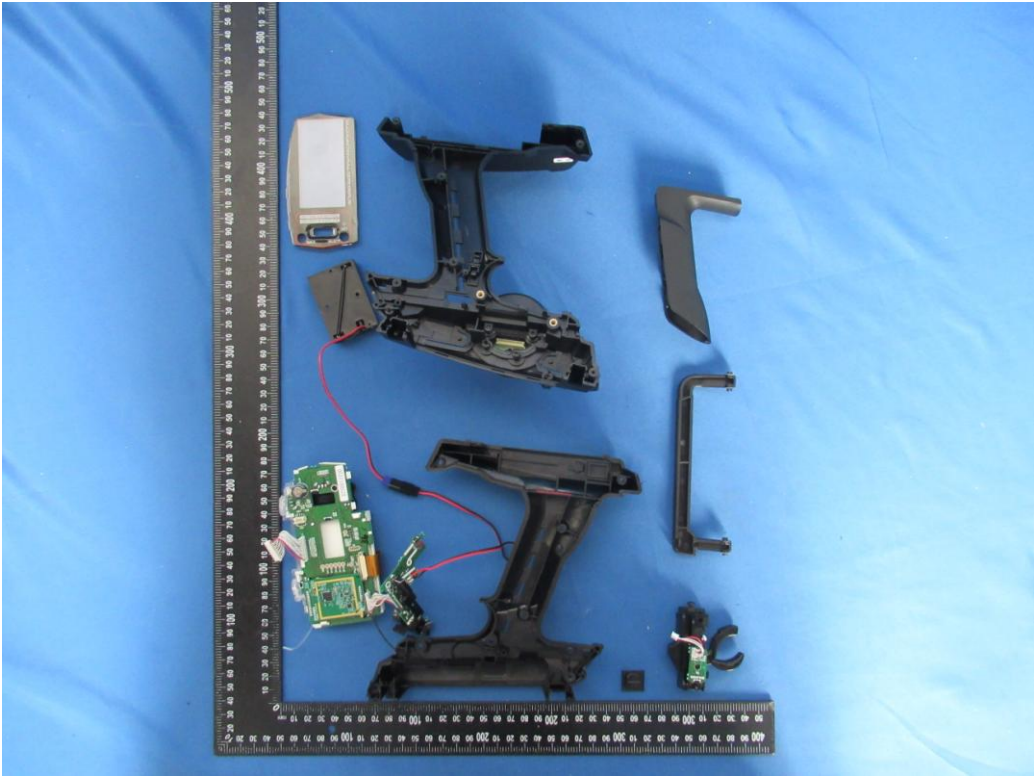
13. PHOTOS OF THE EUT

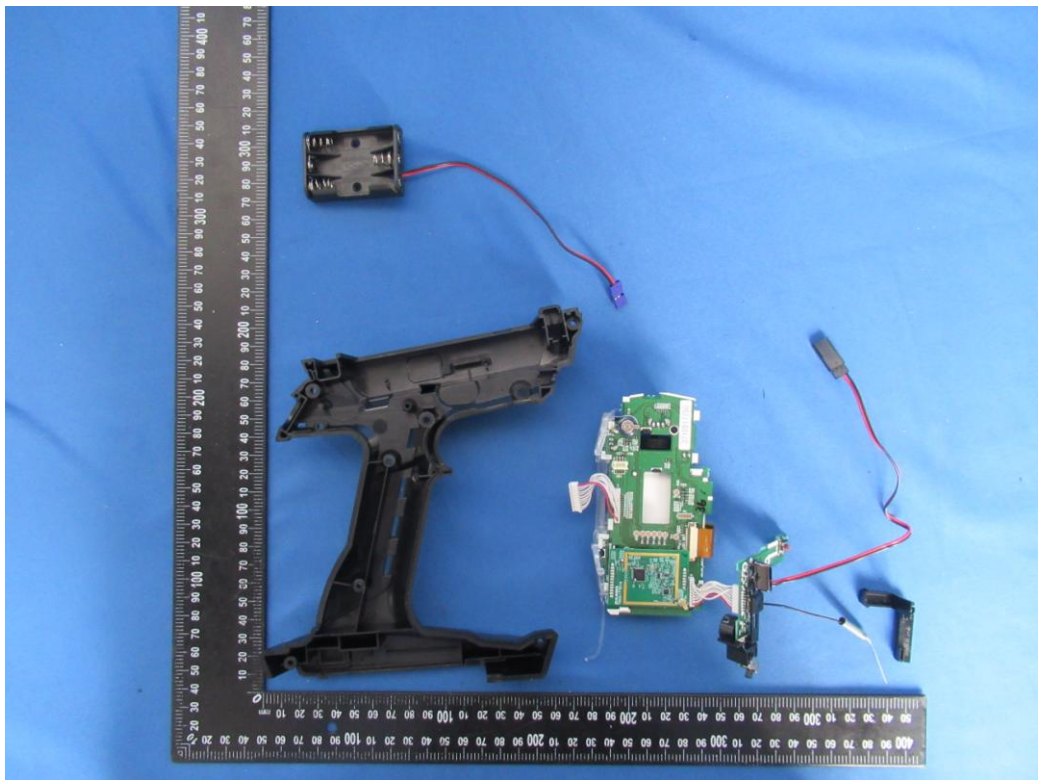
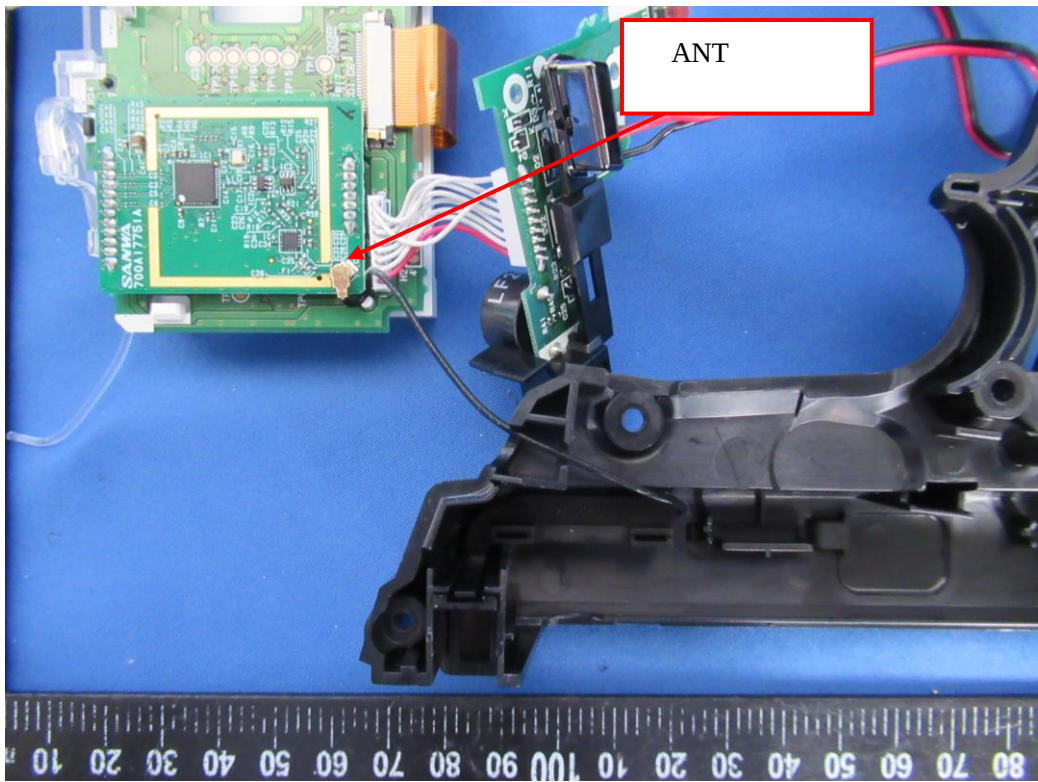


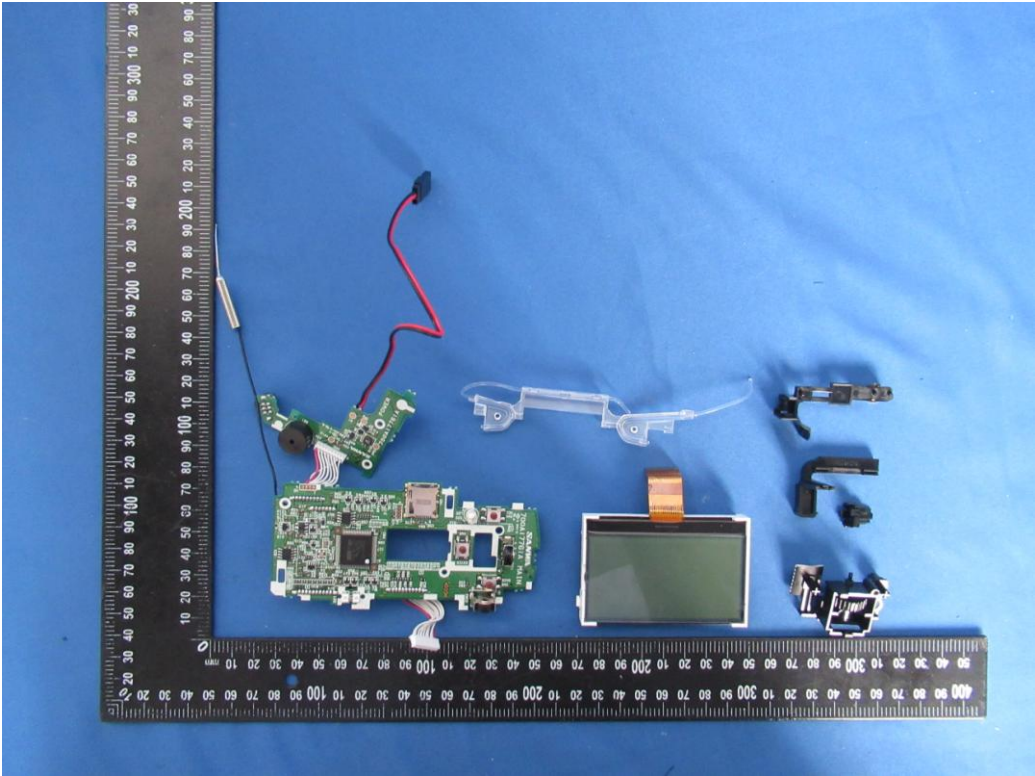


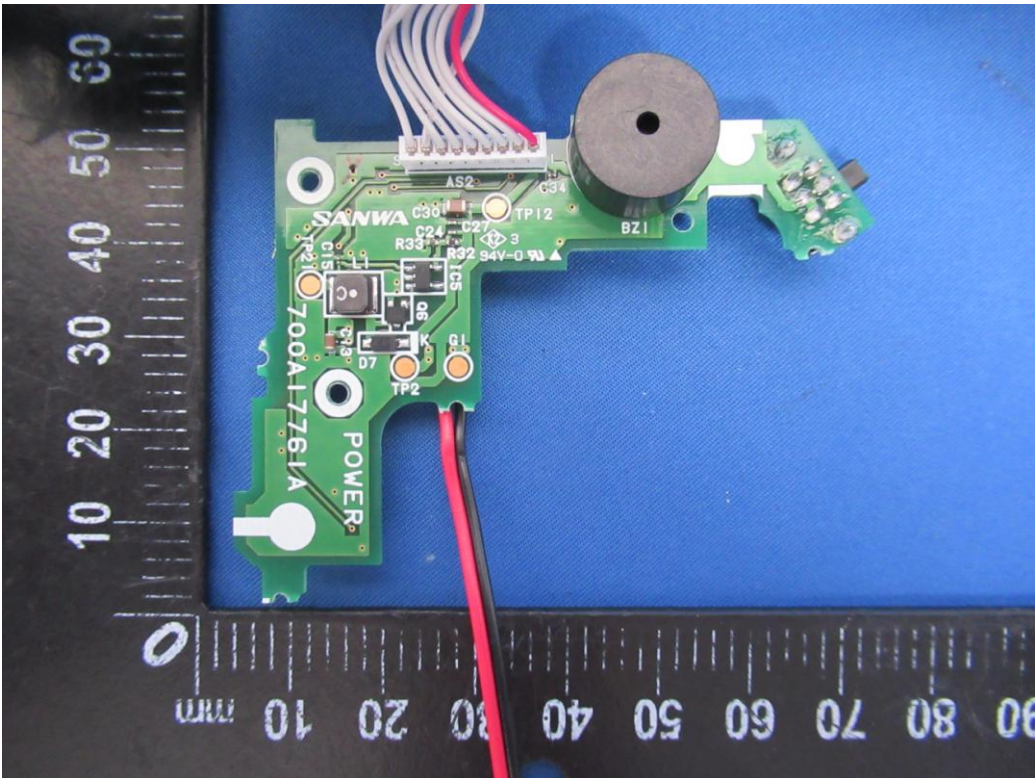
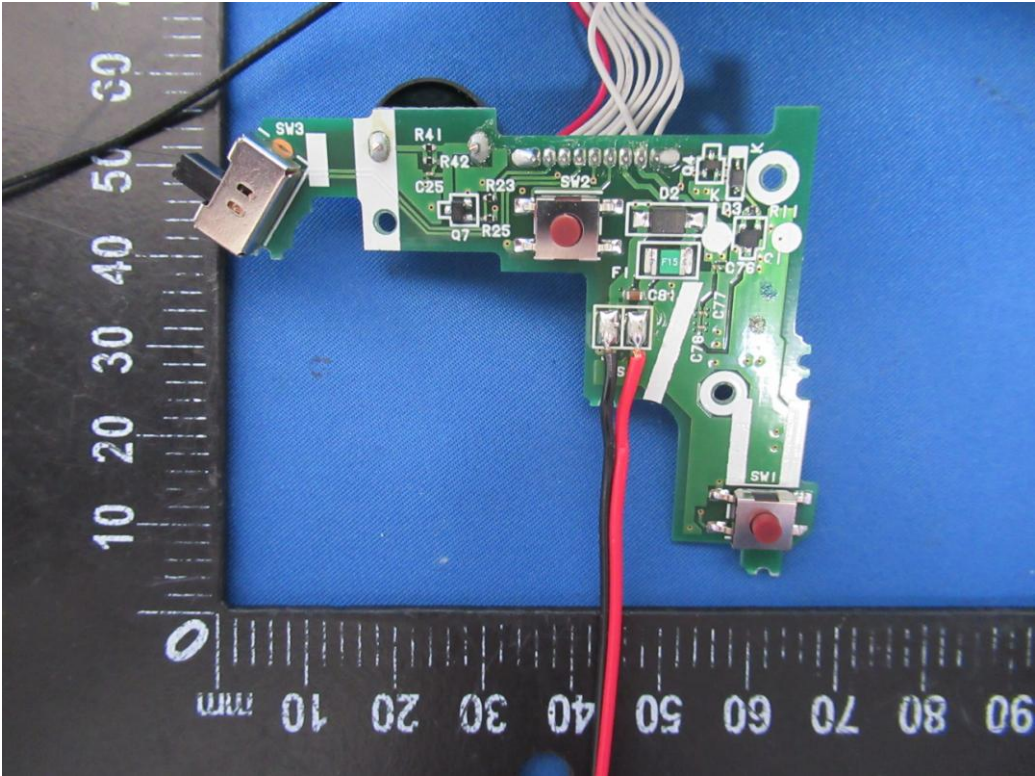


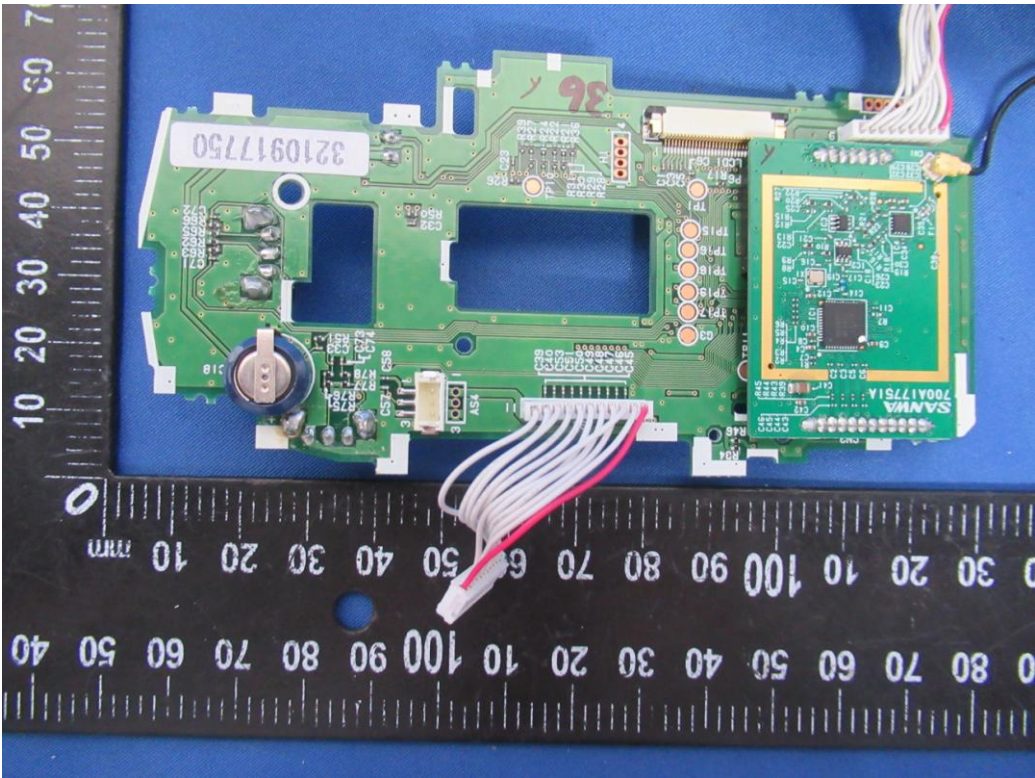
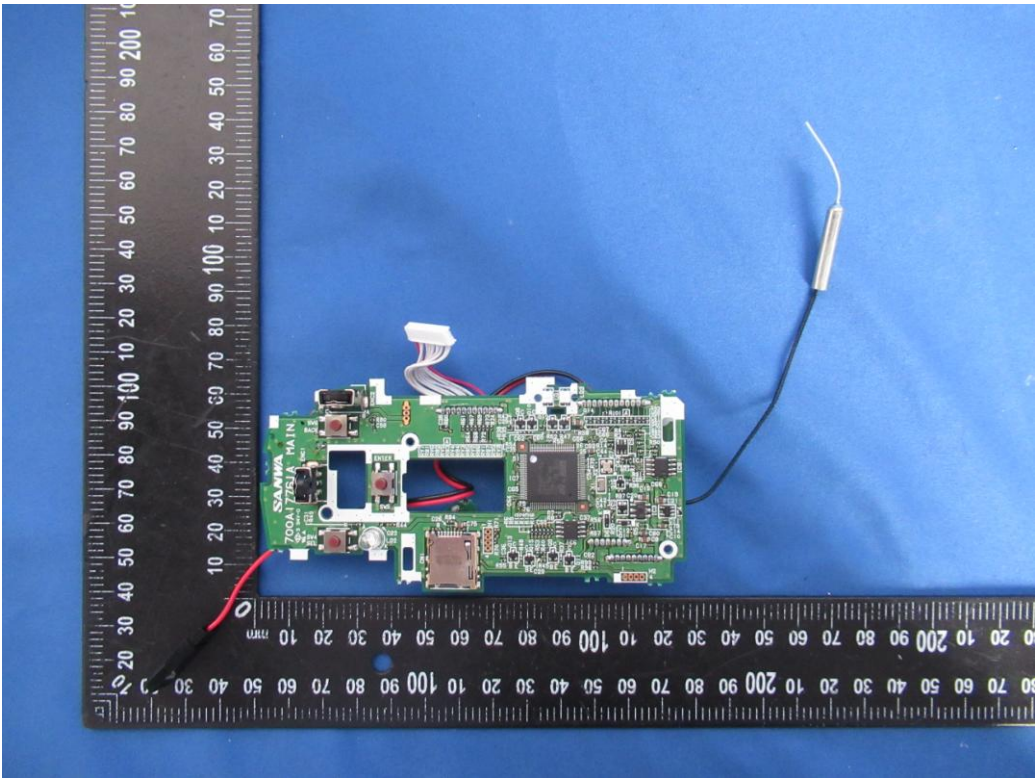


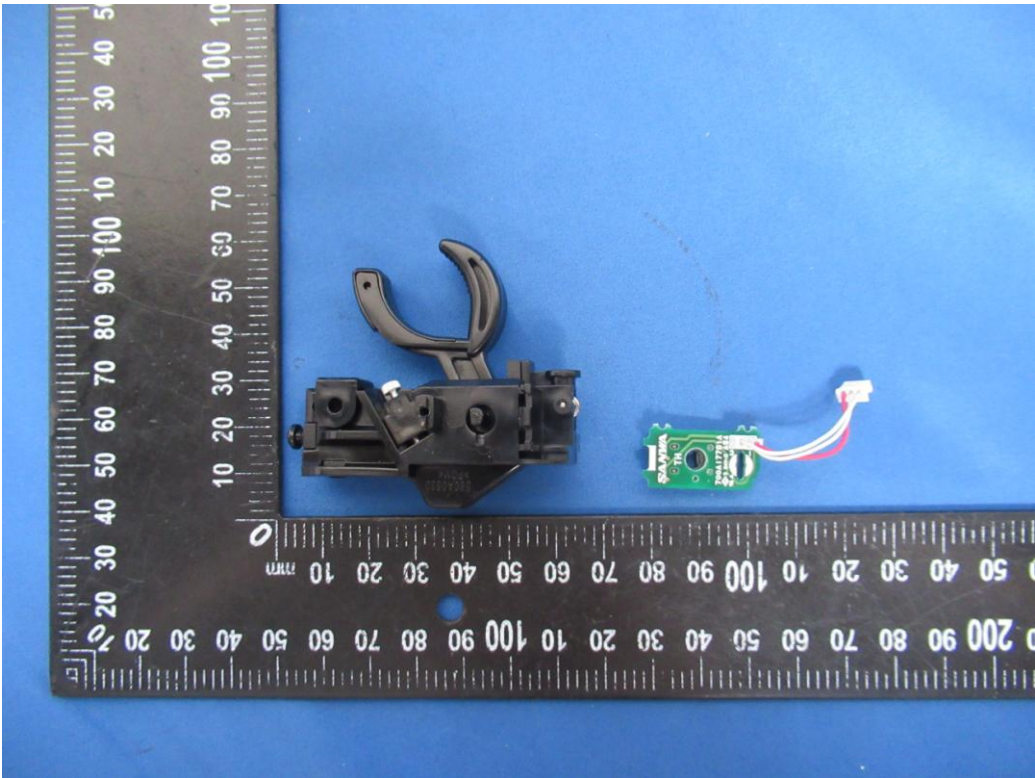
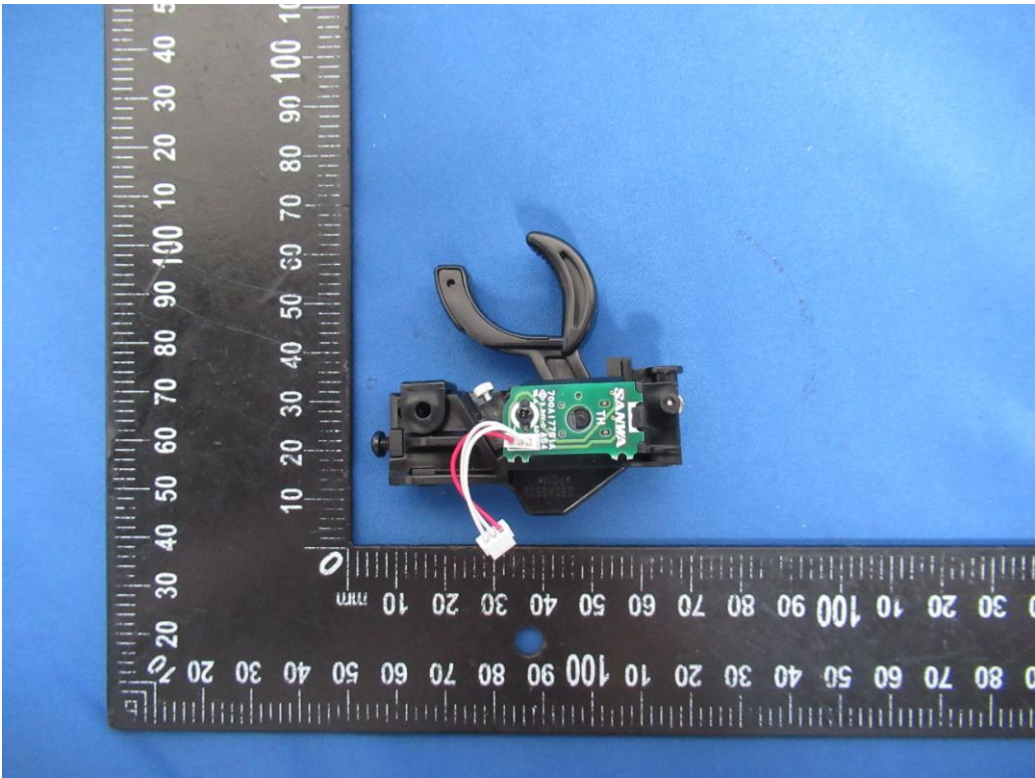


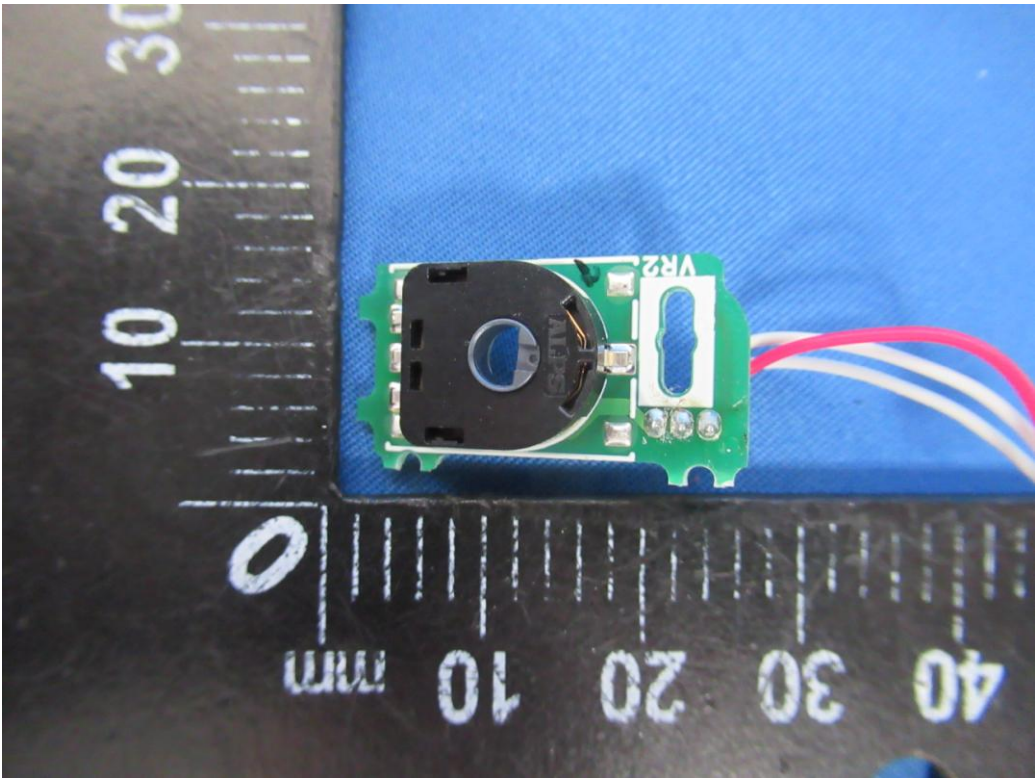
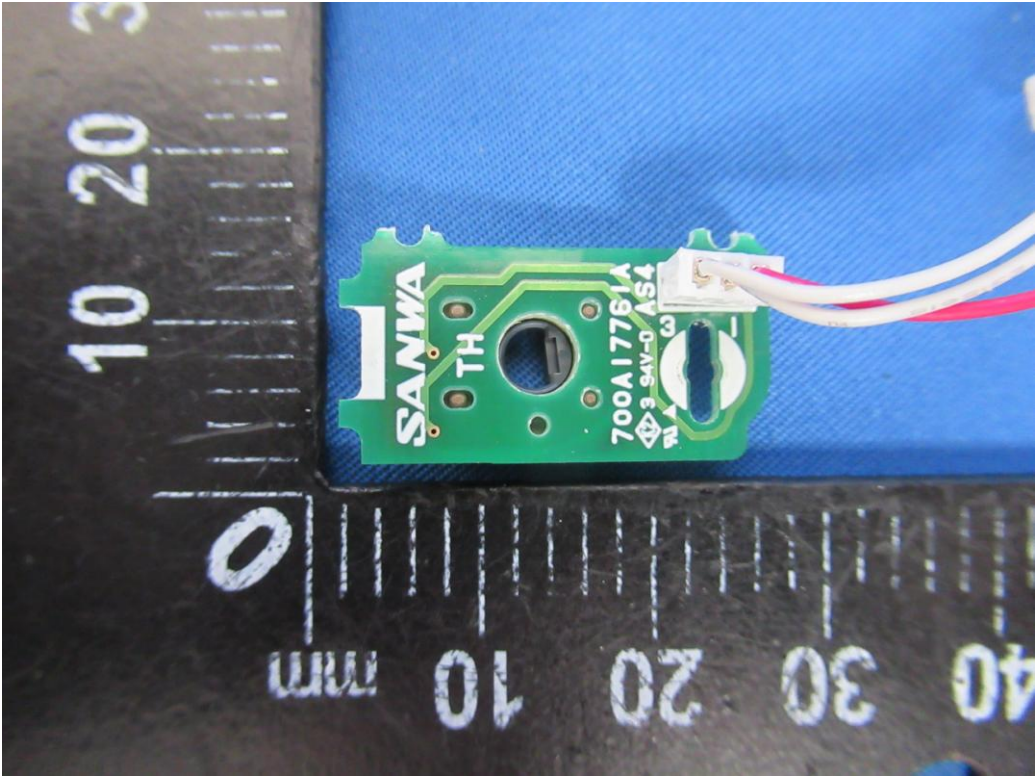




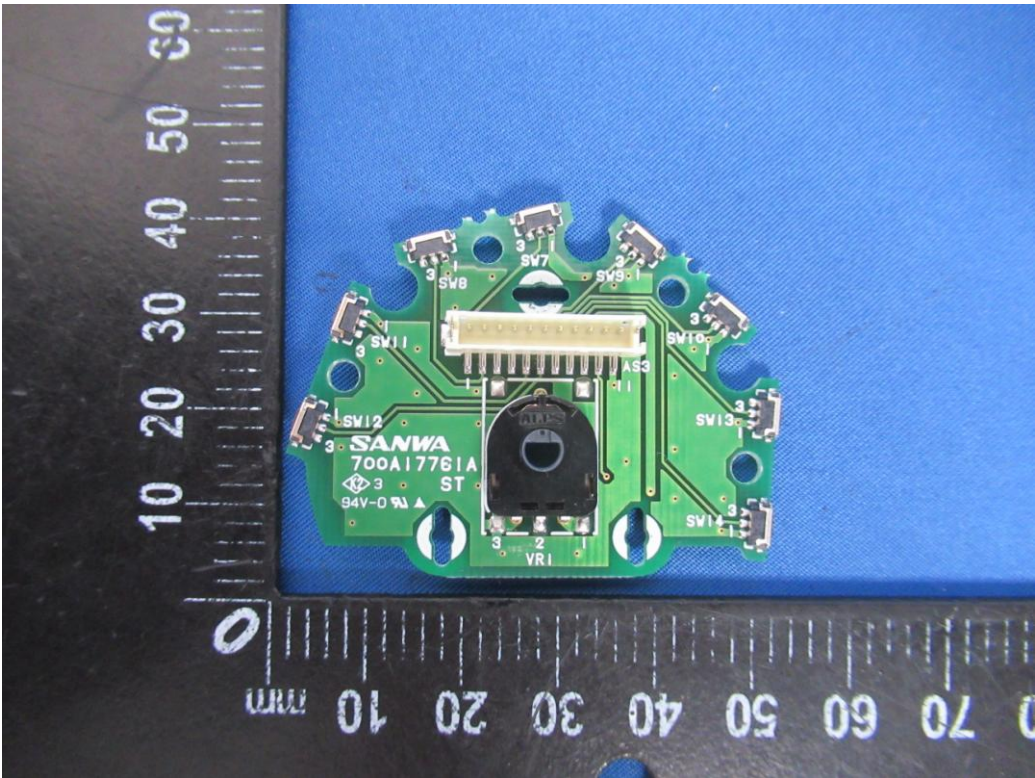
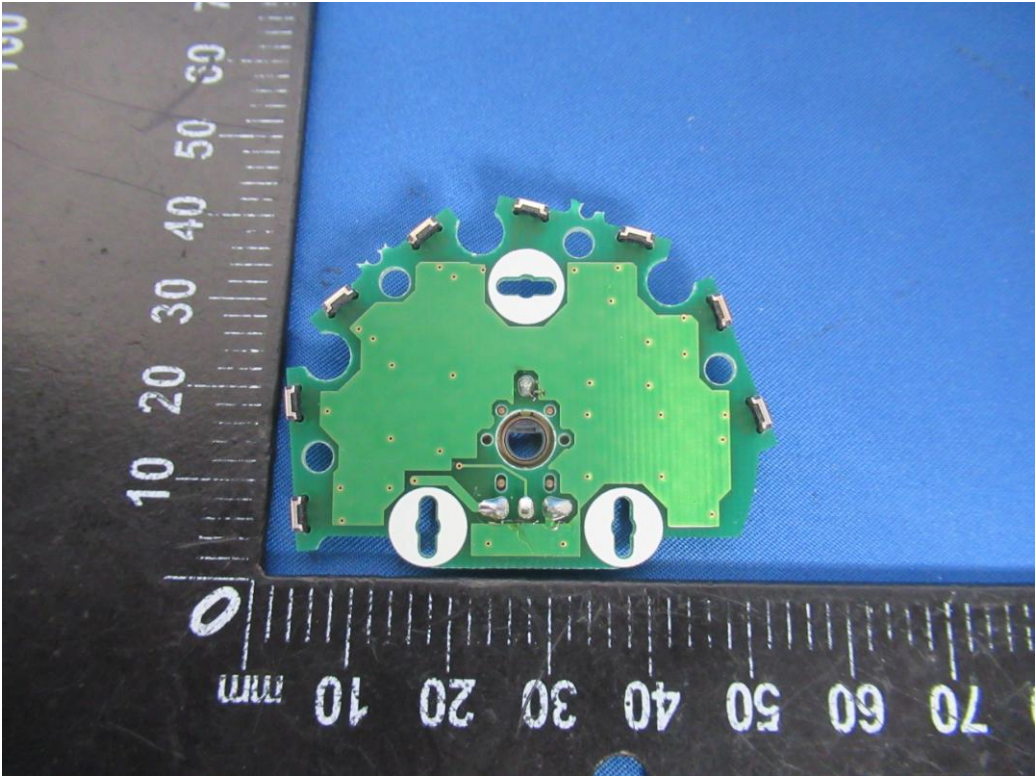


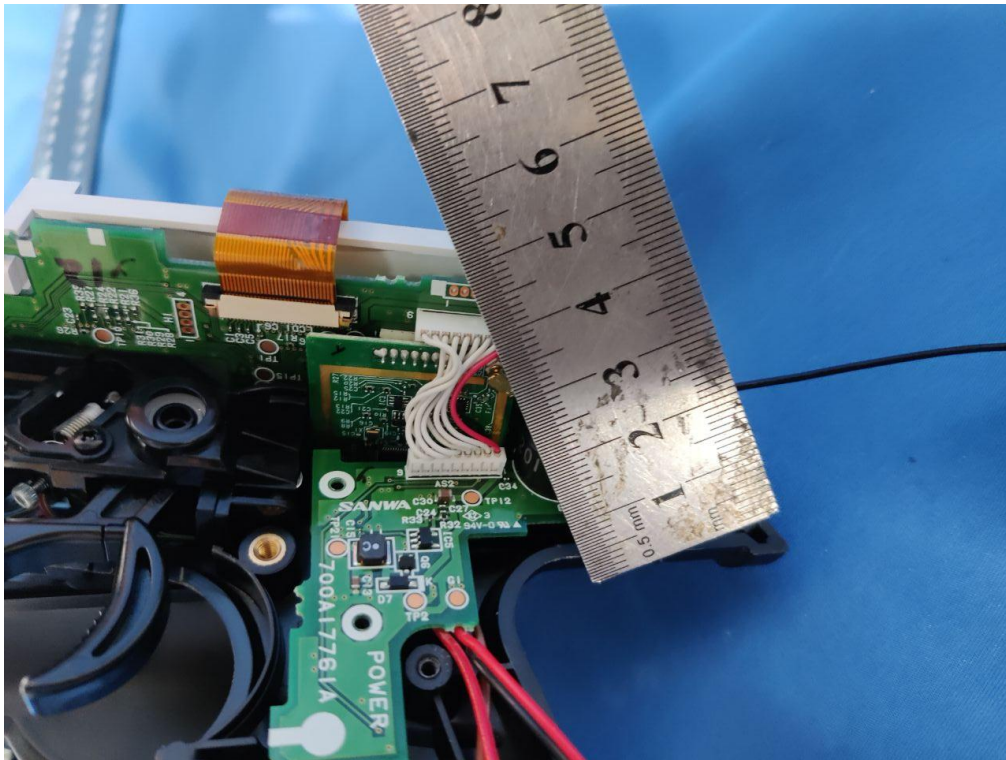












----END OF REPORT----