APPLICATION FOR EMC DIRECTIVE

On Behalf of

Kuroshin Electronic Technology Co., Ltd

Kuroshin VR Wireless Dongle

Trade Name: N/A

Model: 000001-1, 000001-2, 000001-3, 000001-4, 000001

Prepared For : **Kuroshin Electronic Technology Co., Ltd**

Room 101, Building 16, JiaRishanShuihuating, Lianchi District, Baoding City, Hebei Province, China

Prepared By : **MAXLAB Testing Co.,Ltd.**

1/F, Building B, Xinshidai GR Park,Shiyan Street, Bao'an District, Shenzhen,Guangdong, 518052, People's Republic of China

Tel: +86-755- 26649703

Date of Test : June 30, 2025-July 8, 2025

Date of Report : July 9, 2025

Report Number : MAX25060261P01-R01

TABLE OF CONTENTS

TEST REPORT DECLARATION **3**
1. GENERAL INFORMATION **4**
1.1. Report information 4
1.2. Measurement Uncertainty 4
1.3. Test Uncertainty 4
2. PRODUCT DESCRIPTION **5**
2.1. EUT Description 5
2.2. Test Conditions 5
2.3. Support Equipment List 5
3. TEST RESULTS SUMMARY **6**
4. TEST EQUIPMENT USED **7**
4.1. For Conducted Emission Test 7
4.2. For Radiated Emission Measurement 7
5. CONDUCTED EMISSION TEST **8**
5.1. Block Diagram of Test Setup 8
5.2. Test Standard 8
5.3. Conducted Emission Limit (Class B) 8
5.4. EUT Configuration on Test 8
5.5. Operating Condition of EUT 8
5.6. Test Procedure 9
5.7. Test Result 9
6. RADIATED EMISSION MEASUREMENT **10**
6.1. Block Diagram of EUT Configuration 10
6.2. Test Standard 11
6.3. Radiated Emission Limit (Class B) 11
6.4. EUT Configuration on Test 11
6.5. Operating Condition of EUT 11
6.6. Test Procedure 11
6.7. Test Result 11
APPENDIX I Test Curves
APPENDIX II (Photos of the EUT)

TEST REPORT DECLARATION

Applicant	:	Kuroshin Electronic Technology Co., Ltd
Address	:	Room 101, Building 16, JiaRishanShuihuating, Lianchi District, Baoding City, Hebei Province , China
EUT Description	:	Kuroshin VR Wireless Dongle
Manufacturer	:	Kuroshin Electronic Technology Co., Ltd
Address	:	Room 101, Building 16, JiaRishanShuihuating, Lianchi District, Baoding City, Hebei Province , China
Model Number	:	000001-1, 000001-2, 000001-3, 000001-4, 000001
Model Declaration	:	All the models are electrical identical including the same software parameter and hardware design, same mechanical structure and design, the only difference is the model named different.
FCC ID	:	2BQL7-000001

Test Standards:

FCC Part 15, Subpart B, Class B(sDoC), ANSI C 63.4-2014

The EUT described above is tested by US to determine the maximum emission levels emanating from the EUT, the maximum emission levels are compared to the FCC Part 15 Subpart Class B limits.The measurement results are contained in this test report.and MAXLAB Testing Co.,Ltd. is assumed of full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT is to be technically compliant with the FCC requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of MAXLAB Testing Co.,Ltd.

Judy chen

Prepared by : _____

Judy Chen/Assistant

Approved & Authorized Signer : _____

Vivian Jiang / Manager

1. GENERAL INFORMATION

1.1. Report information

1.1.1. This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that BSL approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that BSL in any way guarantees the later performance of the product/equipment.

1.1.2. The sample/s mentioned in this report is/are supplied by Applicant, BSL therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture or any information supplied.

1.1.3. Additional copies of the report are available to the Applicant at an additional fee. No third part can obtain a copy of this report through BSL, unless the applicant has authorized BSL in writing to do so.

1.2. Measurement Uncertainty

Available upon request.

1.3. Test Uncertainty

Conducted Emission Uncertainty	=	±2.66dB
Radiated Emission Uncertainty	=	±4.26dB

2. PRODUCT DESCRIPTION

2.1. EUT Description

Description	:	Kuroshin VR Wireless Dongle
Applicant	:	Kuroshin Electronic Technology Co., Ltd Room 101, Building 16, JiaRishanShuihuating, Lianchi District, Baoding City, Hebei Province , China
Manufacturer	:	Kuroshin Electronic Technology Co., Ltd Room 101, Building 16, JiaRishanShuihuating, Lianchi District, Baoding City, Hebei Province , China
Model Number	:	000001-1
Display information (Auxiliary test supplied by testing Lab）	:	Model: 32A3 Input: AC 100-240V 50/60Hz Manufacture: Qingdao Haier Electronics Co., Ltd
Adapter information (Auxiliary test supplied by testing Lab）	:	Model: EP-TA20CBC Input: AC 100-240V 50/60Hz Output: DC 5V 2A Firmware Version: EPTA5.14.2 Manufacture: Huizhou Dongyang Yienbi Electronics Co., Ltd

2.2. Test Conditions

Temperature: 23~25℃

Relative Humidity: 55~63 %

2.3. Support Equipment List

No.	Equipment	Model No.	Serial No.	FCC ID	Trade Name	Data Cable	Power Cord
1	--	--	--	--	--	--	--

3. TEST RESULTS SUMMARY

Table 1 Test Results Summary

Test Items	Test Results
Conducted disturbance	Pass
Radiated disturbance	Pass

4. TEST EQUIPMENT USED

4.1. For Conducted Emission Test

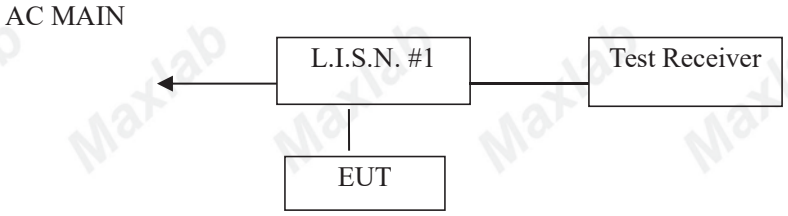
Item	Equipment	Manufacturer	Model No.	Serial No.	Calibration time	Recalibration time
1.	Test Receiver	Rohde & Schwarz	ESPI3	101396	Jun. 17, 25	Jun. 16, 26
2.	L.I.S.N.	Rohde & Schwarz	ENV216	102723	Jun. 17, 25	Jun. 16, 26
3.	loop antenna	DAZE	ZN30401	19036	Jun. 17, 25	Jun. 16, 26
4.	Wet and dry thermometer	M&G	ARC92569	N/A	Jun. 17, 25	Jun. 16, 26
5.	Shielding room	SKET	2021082301	N/A	Aug.23,21	Aug.22,25

4.2. For Radiated Emission Measurement

Item	Equipment	Manufacturer	Model No.	Serial No.	Calibration time	Recalibration time
1.	Test Receiver	Rohde&Schwarz	ESC17	100336	Jun. 17, 25	Jun. 16, 26
2.	Broadband antenna	Schwarzbeck	VULB9168	01222	Jun. 17, 25	Jun. 16, 26
3.	Horn antenna	Schwarzbeck	BBHA9120D	02476	Jun. 17, 25	Jun. 16, 26
4.	Preamplifier	Schwarzbeck	BBV9745	00250	Jun. 17, 25	Jun. 16, 26
5.	Preamplifier	N/A	TRLA-01018G440B	21081001	Jun. 17, 25	Jun. 16, 26
6.	3M method semi anechoic chamber	SKET	9m*6m*6m	2021082304	Oct.14,21	Oct.13,25
7.	Pointer hygrometer	M&G	ARC92570	N/A	Jun. 17, 25	Jun. 16, 26

5. CONDUCTED EMISSION TEST

5.1. Block Diagram of Test Setup



(EUT: Kuroshin VR Wireless Dongle)

5.2. Test Standard

FCC Part 15, Subpart B, Class B

5.3. Conducted Emission Limit (Class B)

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*
0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

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

5.4. EUT Configuration on Test

The following equipments are installed on conducted emission test to meet Part 15 requirement and operating in a manner, which tends to maximize its emission characteristics in a normal application.

5.4.1.EUT Information

Model Number: 000001-1

5.5. Operating Condition of EUT

5.5.1.Setup the EUT and simulators as shown in Section 5.1.

5.5.2.Turn on the power of all equipments.

5.5.3.Let the EUT work in test modes (EUT Working) and test it.

5.6. Test Procedure

The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI test receiver (R&S Test Receiver ESPI3) is used to test the emissions form both sides of AC line. The bandwidth of EMI test receiver is set at 9kHz.

The bandwidth of the test receiver (R&S Test Receiver ESPI3) is set at 10KHz. All the test results are listed in Section 5.7

5.7. Test Result

PASS

6. RADIATED EMISSION MEASUREMENT

6.1. Block Diagram of EUT Configuration

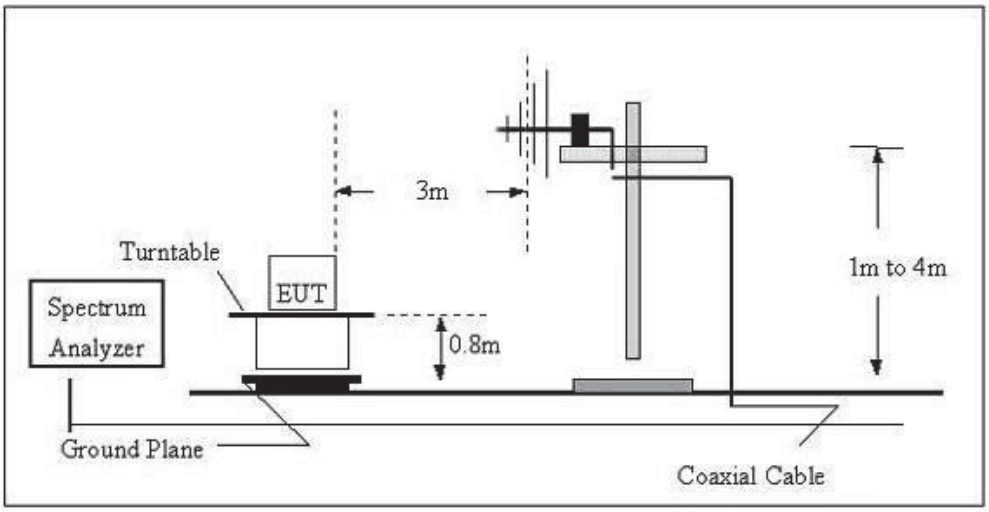
6.1.1.Block Diagram of connection between the EUT and the simulators

EUT

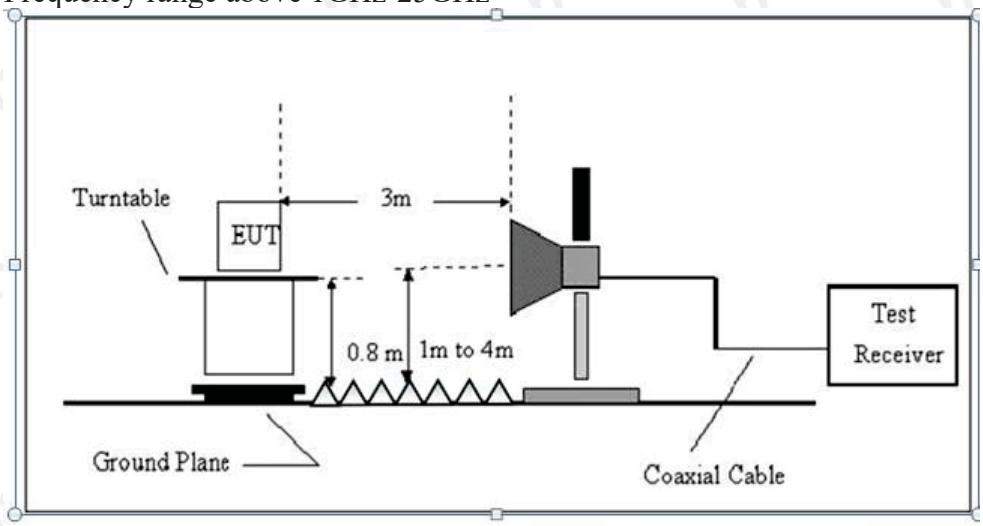
(EUT: Kuroshin VR Wireless Dongle)

6.1.2.Anechoic Chamber Test Setup Diagram

Frequency range 30MHz – 1000MHz



Frequency range above 1GHz-25GHz



6.2. Test Standard

FCC Part 15, Subpart B, Class B

6.3. Radiated Emission Limit (Class B)

Frequency (MHz)	Distance (Meters)	Radiated (dBμV/m)	Radiated (μV/m)
0.009-0.49	3	20log(2400/F(KHz))+40log(300/3)	2400/F(KHz)
0.49-1.705	3	20log(24000/F(KHz))+ 40log(30/3)	24000/F(KHz)
1.705-30	3	20log(30)+ 40log(30/3)	30
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

Note:(1) The smaller limit shall apply at the edge between two frequency bands.
(2) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the EUT or system.

6.4. EUT Configuration on Test

The following equipment are installed on Radiated Emission Measurement to meet the Commission requirements and operating regulations in a manner which tends to maximize Its emission characteristics in normal application.

6.5. Operating Condition of EUT

6.5.1.Setup the EUT as shown on Section 6.1.2

6.5.2.Turn on the power of all equipments.

6.5.3.Let the EUT work in test mode (EUT working) and measure it.

6.6. Test Procedure

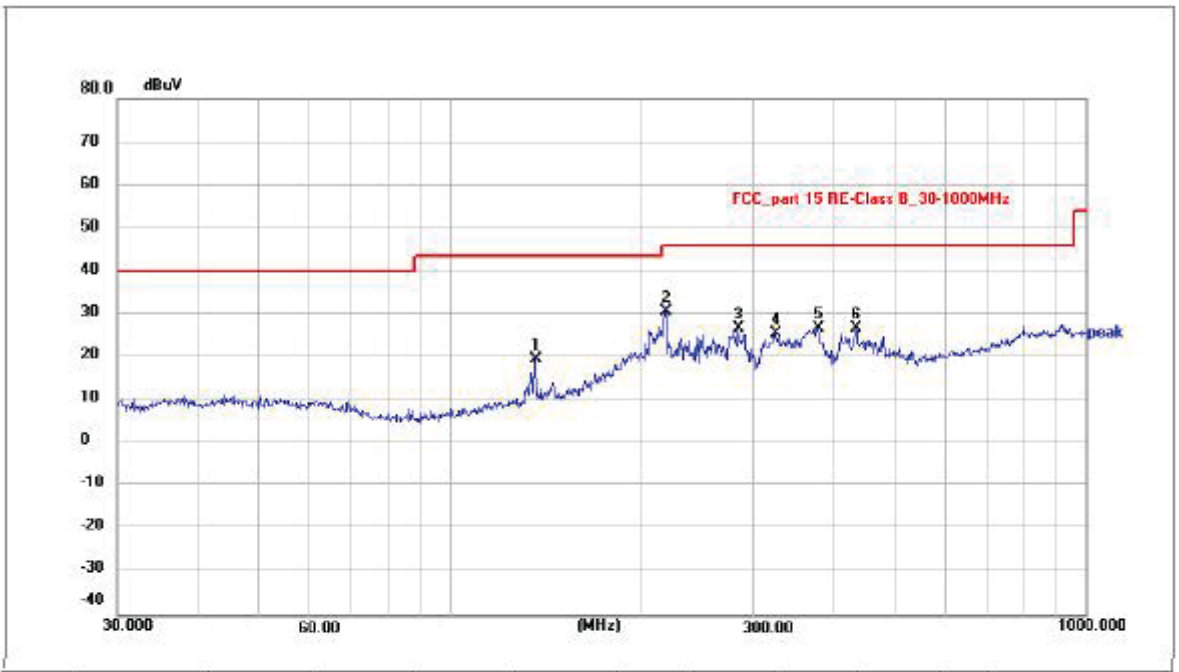
1. The EUT was placed on a turn table which is 0.8m above ground plane when testing frequency range 9 KHz –1GHz;the EUT was placed on a turn table which is 1.5m above ground plane when testing frequency range 1GHz – 25GHz.
2. Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from 0° to 360° to acquire the highest emissions from EUT.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measurements have been completed.
5. Radiated emission test frequency band from 9KHz to 25GHz.
The bandwidth setting on the test receiver is 120 KHz.
The EUT is tested in Anechoic Chamber. The frequency range from 30MHz to 6000 MHz is checked. All the test results are listed in Section 6.7. and all the scanning waveform are attached within **Appendix I**

6.7. Test Result

PASS

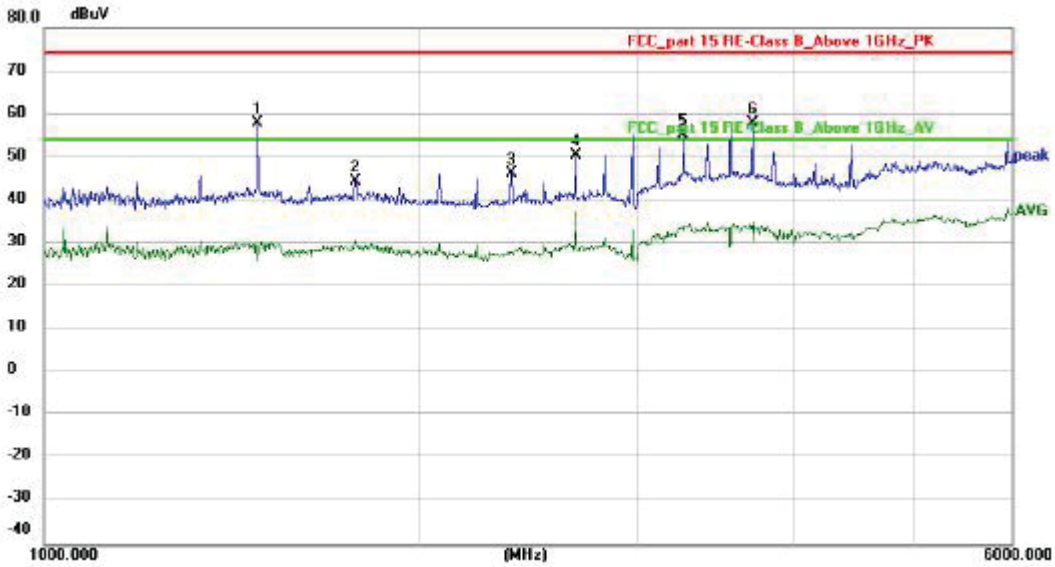
Test Mode: operating

APPENDIX I

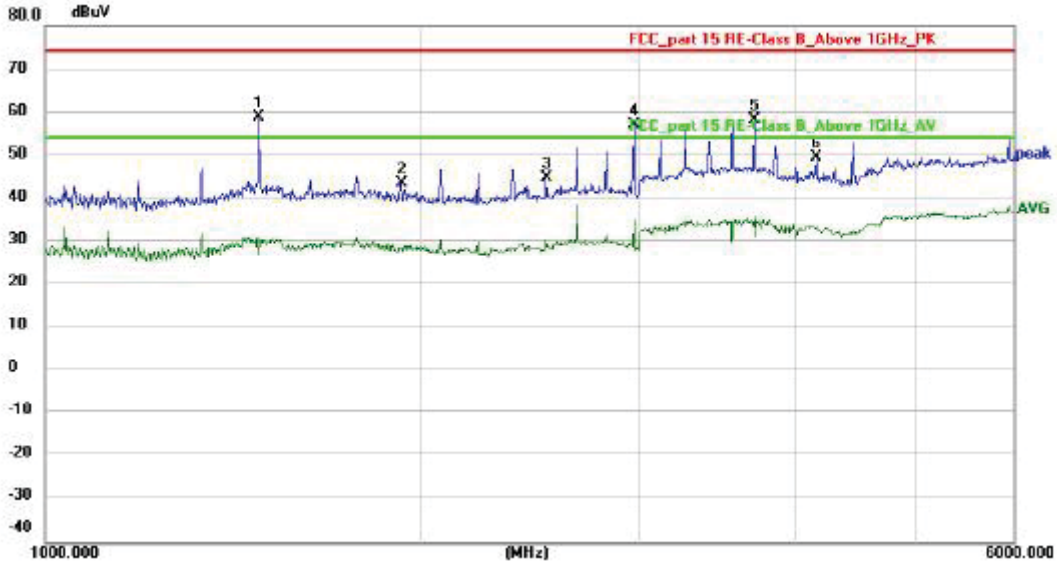


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	135.9822	36.52	-16.94	19.58	43.50	-23.92	peak	100	0	P	
2 *	219.0753	49.95	-19.35	30.60	46.00	-15.40	peak	100	0	P	
3	283.9792	42.92	-16.07	26.85	46.00	-19.15	peak	100	0	P	
4	324.4561	40.54	-14.97	25.57	46.00	-20.43	peak	100	0	P	
5	378.5843	40.32	-13.63	26.69	46.00	-19.31	peak	100	0	P	
6	435.5898	38.86	-12.07	26.79	46.00	-19.21	peak	100	0	P	

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	107.8877	34.37	-19.15	15.22	43.50	-28.28	peak
2	218.3084	46.89	-19.34	27.55	46.00	-18.45	peak
3	231.7178	42.87	-18.41	24.46	46.00	-21.54	peak
4	413.2706	38.34	-12.71	25.63	46.00	-20.37	peak
5	490.7446	38.34	-10.87	27.47	46.00	-18.53	peak
6 *	798.9797	37.26	-4.61	32.65	46.00	-13.35	peak

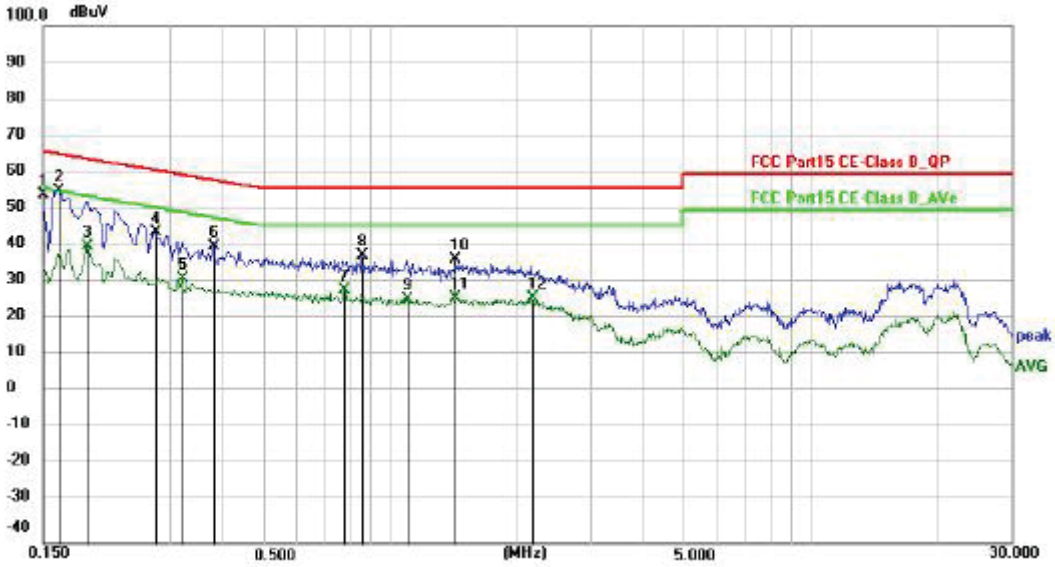


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1 *	1483.178	73.95	-16.01	57.94	74.00	-16.06	peak
2	1780.593	59.47	-15.01	44.46	74.00	-29.54	peak
3	2376.003	59.16	-12.97	46.19	74.00	-27.81	peak
4	2674.269	62.31	-11.76	50.55	74.00	-23.45	peak
5	3268.571	65.24	-9.91	55.33	74.00	-18.67	peak
6	3711.989	66.61	-8.75	57.86	74.00	-16.14	peak

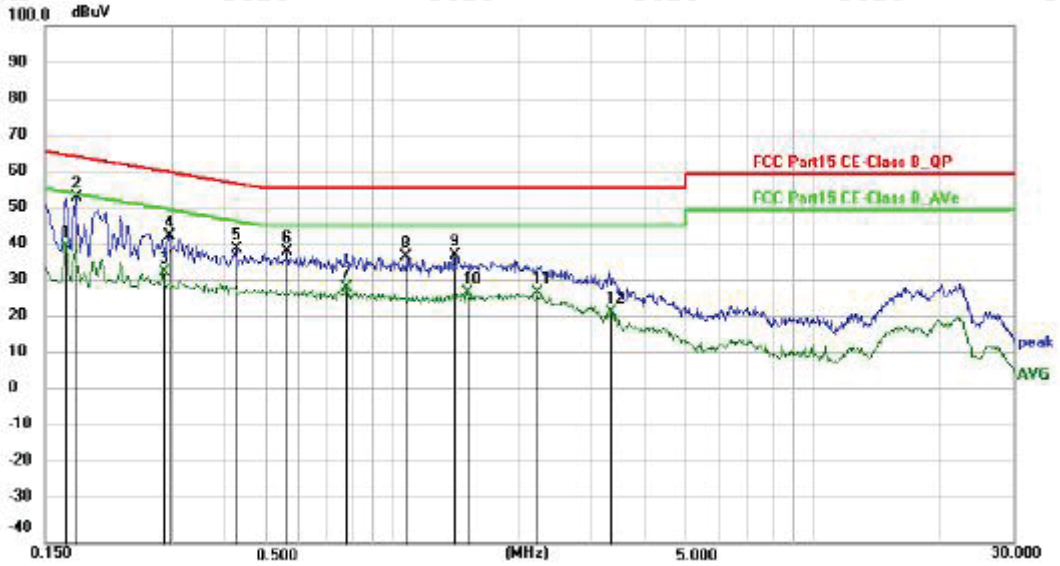


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1 *	1483.178	74.95	-16.01	58.94	74.00	-15.06	peak
2	1930.108	57.92	-14.50	43.42	74.00	-30.58	peak
3	2525.249	57.08	-12.44	44.64	74.00	-29.36	peak
4	2972.459	67.52	-10.39	57.13	74.00	-16.87	peak
5	3711.989	67.11	-8.75	58.36	74.00	-15.64	peak
6	4163.019	56.81	-7.16	49.65	74.00	-24.35	peak

APPENDIX II



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1500	37.88	16.58	54.46	66.00	-11.54	peak	P
2 *	0.1635	38.77	16.68	55.45	65.28	-9.83	peak	P
3	0.1905	23.62	16.73	40.35	54.01	-13.66	AVG	P
4	0.2760	27.50	16.71	44.21	60.94	-16.73	peak	P
5	0.3209	14.88	16.71	31.59	49.68	-18.09	AVG	P
6	0.3795	23.58	16.70	40.28	58.29	-18.01	peak	P
7	0.7799	11.84	16.65	28.49	46.00	-17.51	AVG	P
8	0.8610	21.14	16.64	37.78	56.00	-18.22	peak	P
9	1.0950	9.45	16.61	26.06	46.00	-19.94	AVG	P
10	1.4280	20.13	16.56	36.69	56.00	-19.31	peak	P
11	1.4370	9.83	16.56	26.39	46.00	-19.61	AVG	P
12	2.1885	9.70	16.46	26.16	46.00	-19.84	AVG	P



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1680	22.86	17.53	40.39	55.06	-14.67	AVG	P
2 *	0.1770	36.07	17.53	53.60	64.63	-11.03	peak	P
3	0.2850	15.69	17.52	33.21	50.67	-17.46	AVG	P
4	0.2940	25.48	17.52	43.00	60.41	-17.41	peak	P
5	0.4245	22.15	17.52	39.67	57.36	-17.69	peak	P
6	0.5639	21.32	17.51	38.83	56.00	-17.17	peak	P
7	0.7755	11.78	17.51	29.29	46.00	-16.71	AVG	P
8	1.0859	20.15	17.50	37.65	56.00	-18.35	peak	P
9	1.4055	20.27	17.49	37.76	56.00	-18.24	peak	P
10	1.5090	10.25	17.49	27.74	46.00	-18.26	AVG	P
11	2.2155	10.11	17.46	27.57	46.00	-18.43	AVG	P
12	3.3315	5.16	17.43	22.59	46.00	-23.41	AVG	P

APPENDIX III

Photo 1 Radiated Emission Test

Photo 2 Radiated Emission Test (Above 1G)

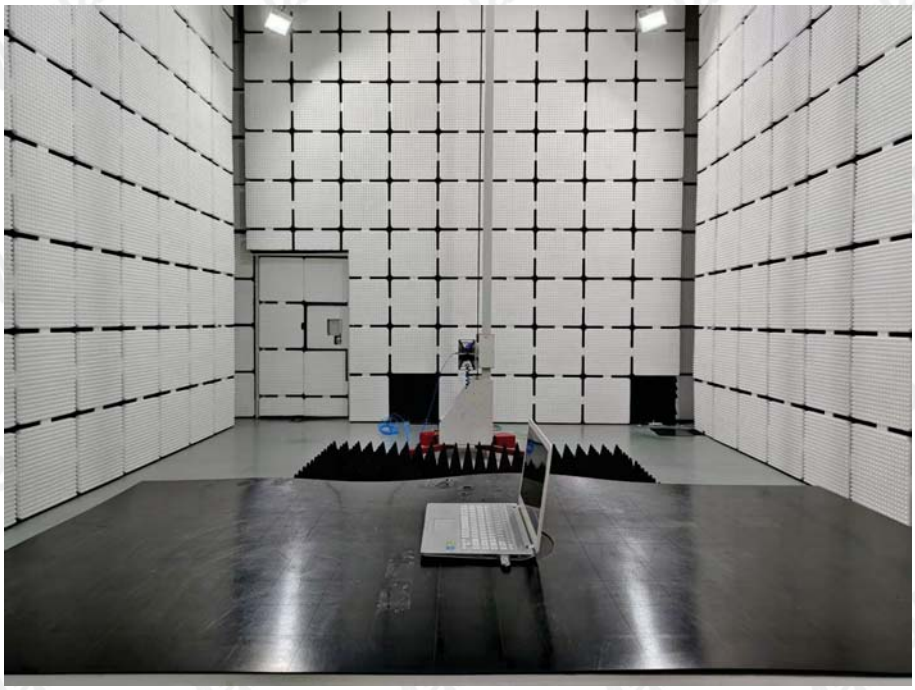


Photo 3 Conducted Emission Test

Photo 4 General Appearance of the EUT

Photo 5 General Appearance of the EUT

Photo 6 General Appearance of the EUT

Photo 7 General Appearance of the EUT

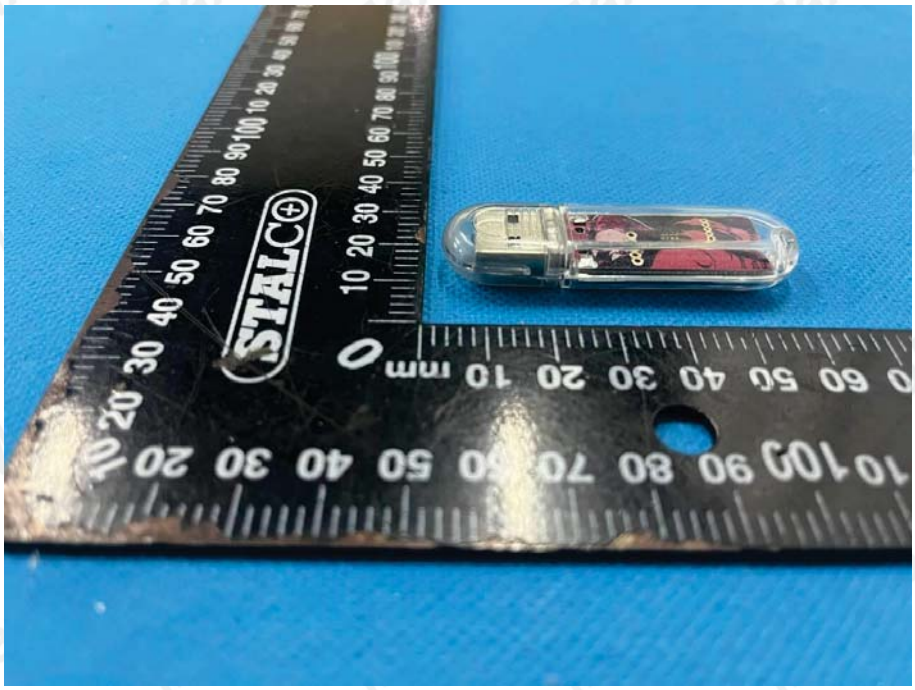


Photo 8 General Appearance of the EUT

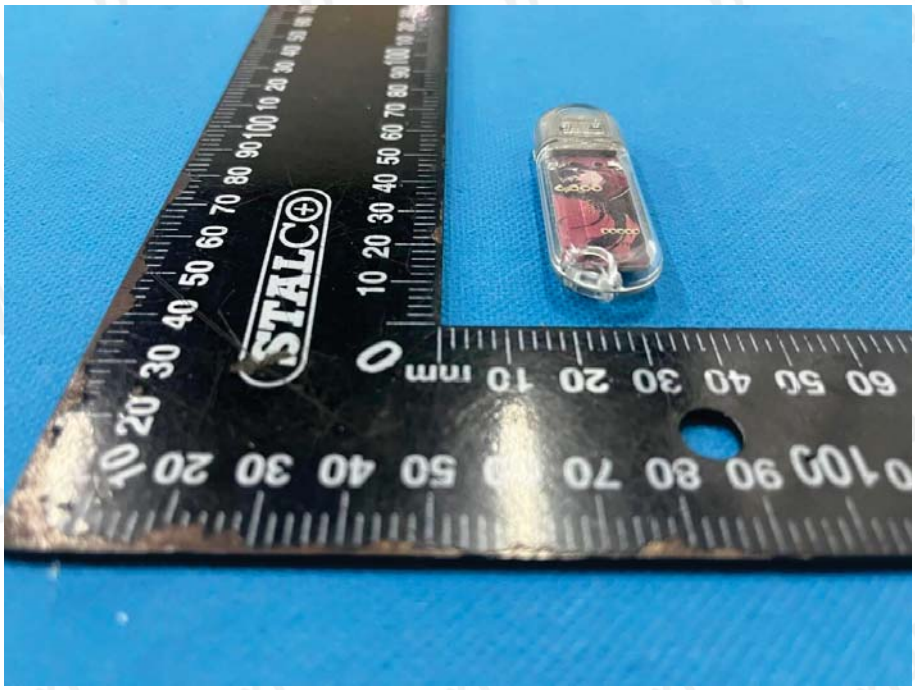


Photo 9 General Appearance of the EUT

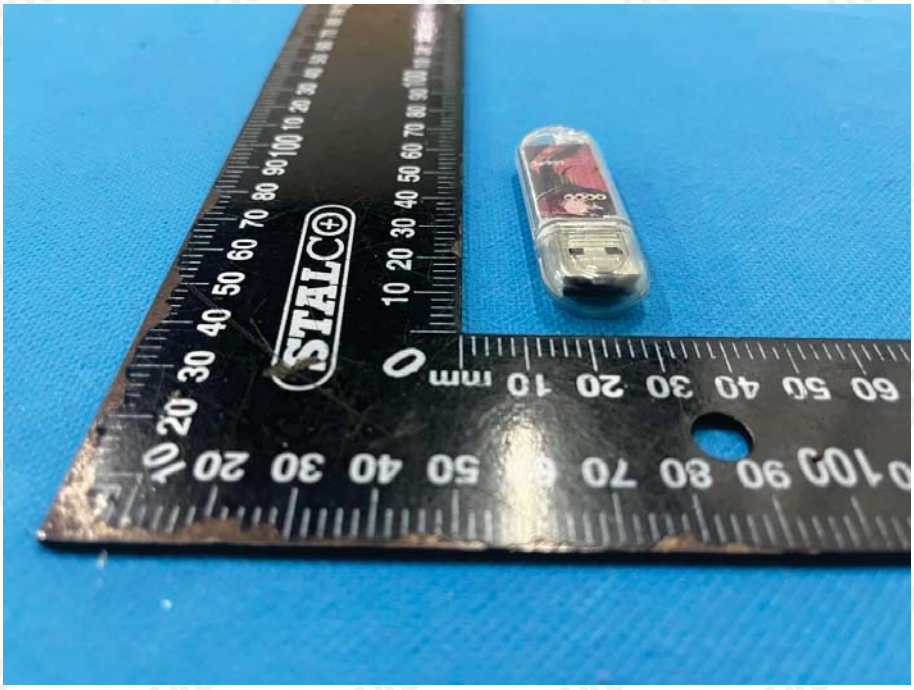


Photo 10 General Appearance of the EUT

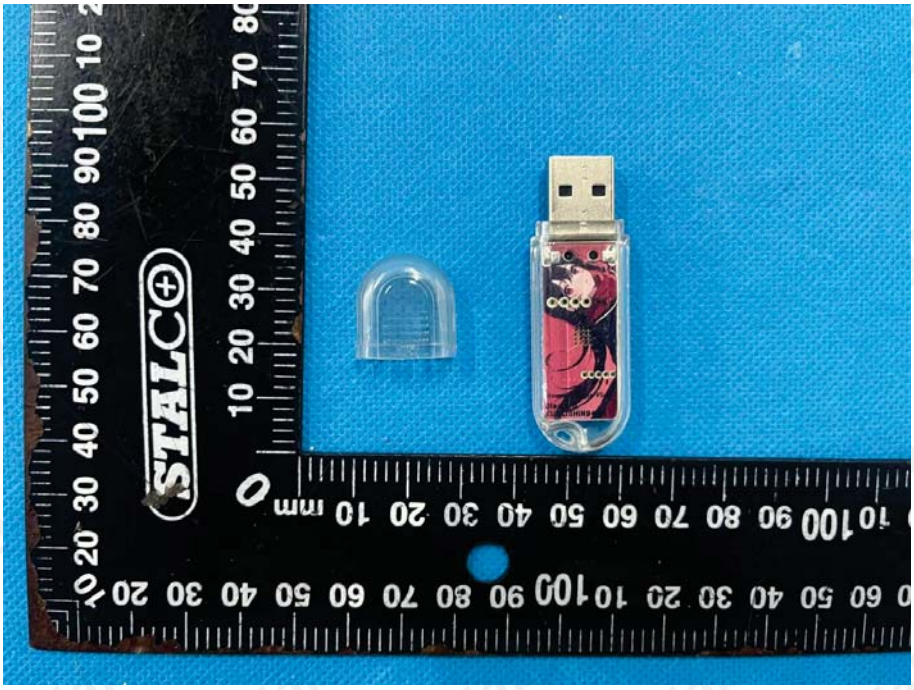


Photo 11 General Appearance of the EUT

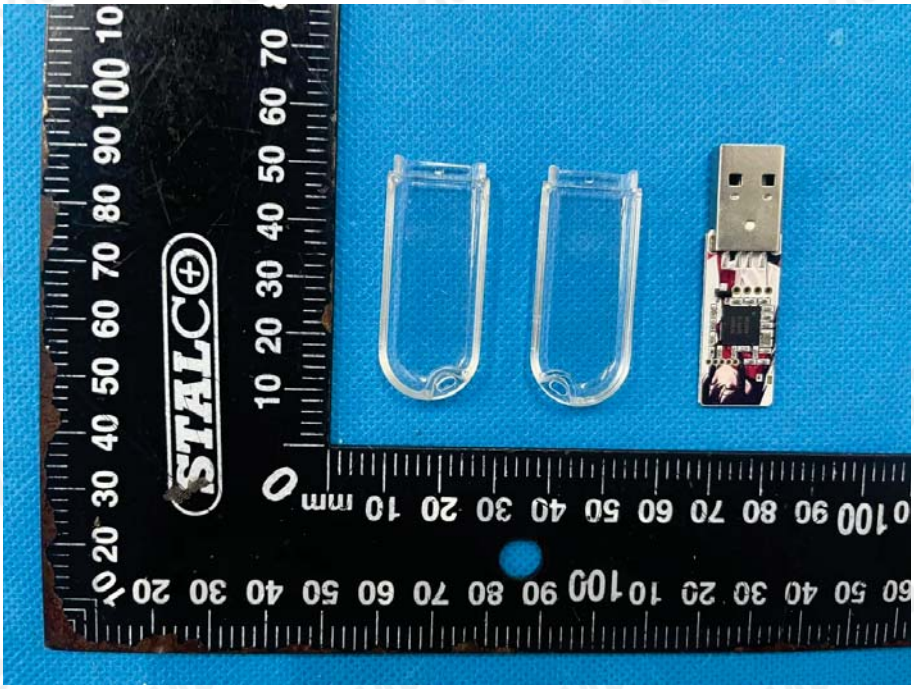


Photo 12 General Appearance of the EUT

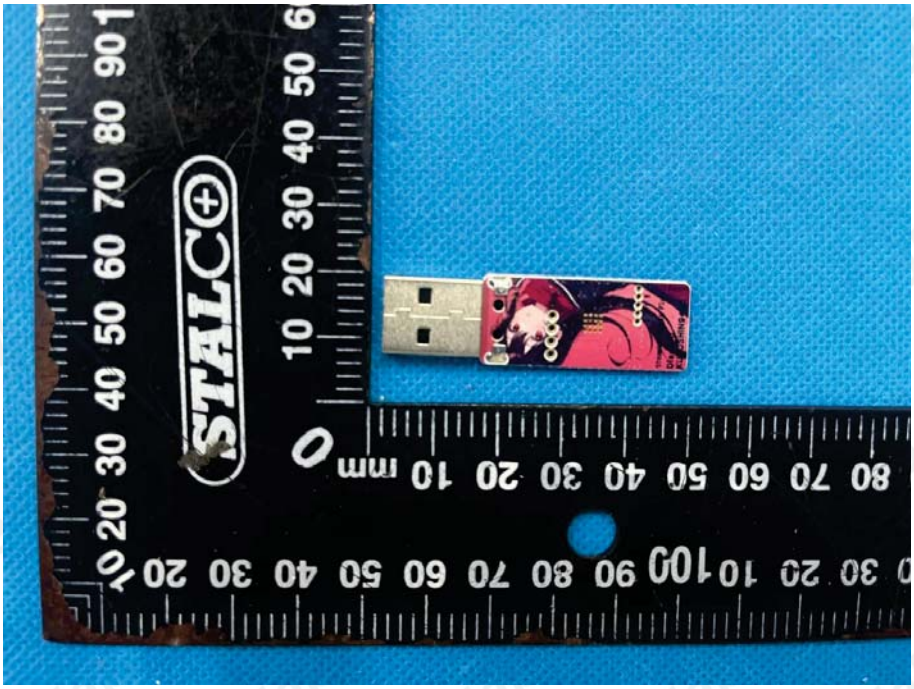


Photo 13 General Appearance of the EUT

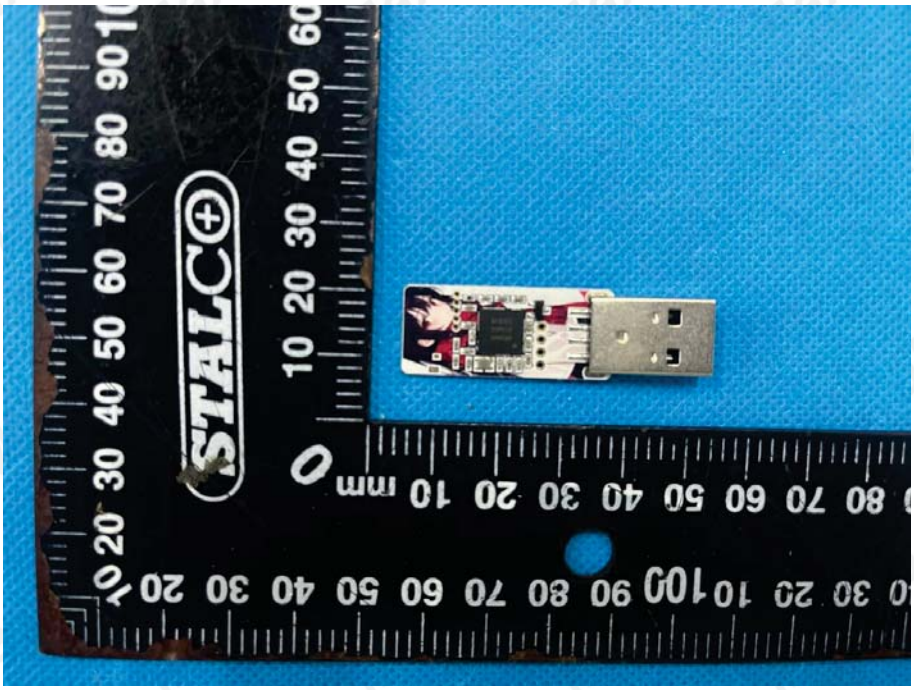
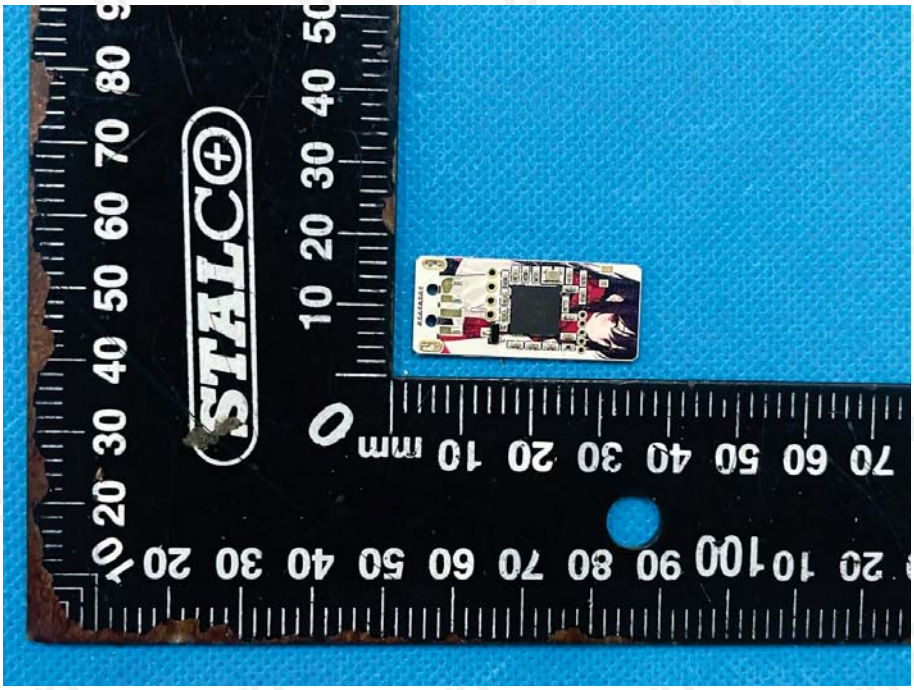
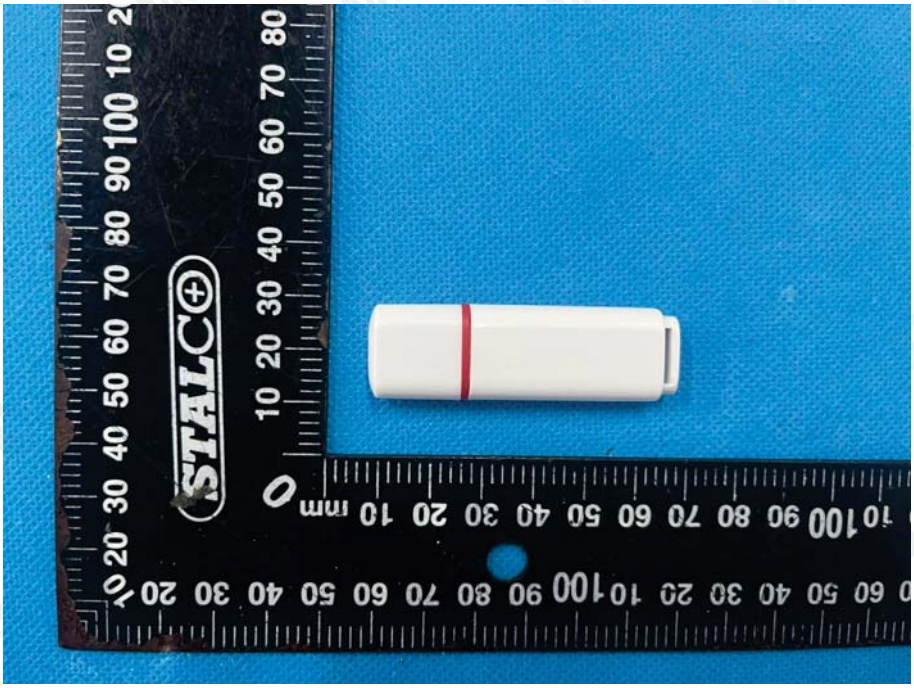
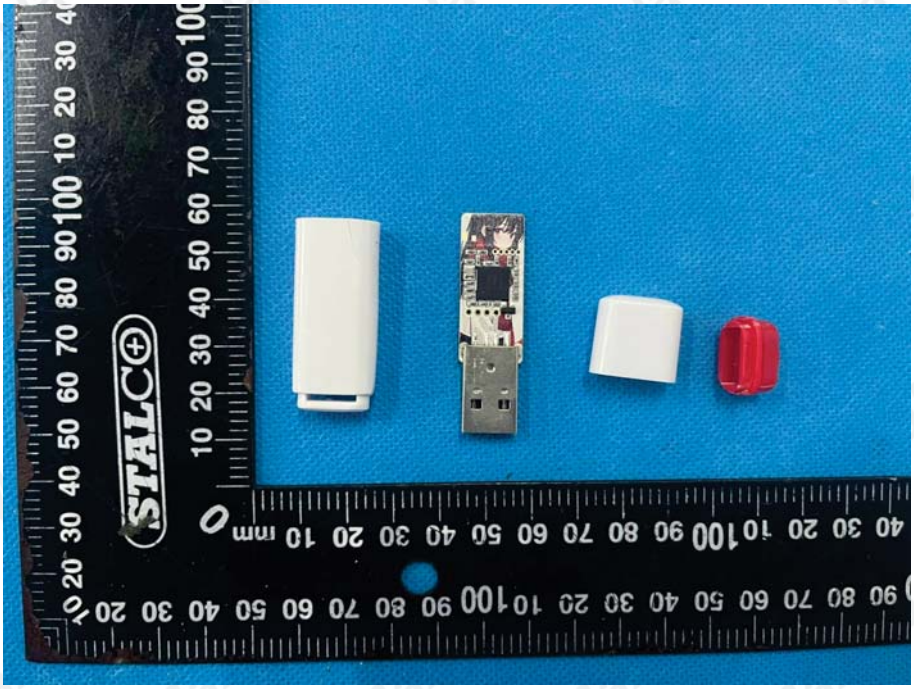


Photo 14 General Appearance of the EUT



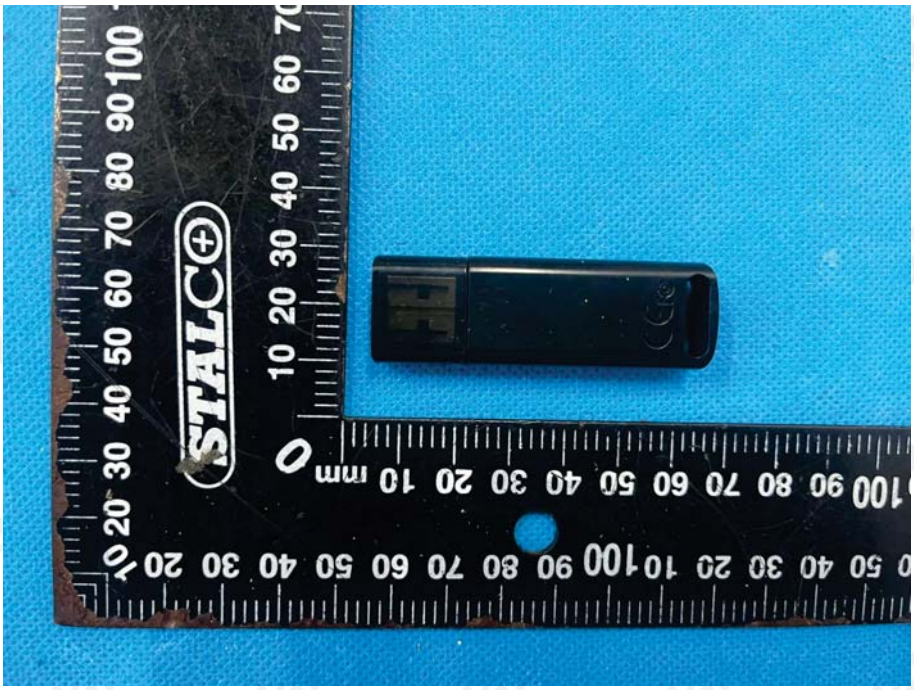
Additional model：000001-2

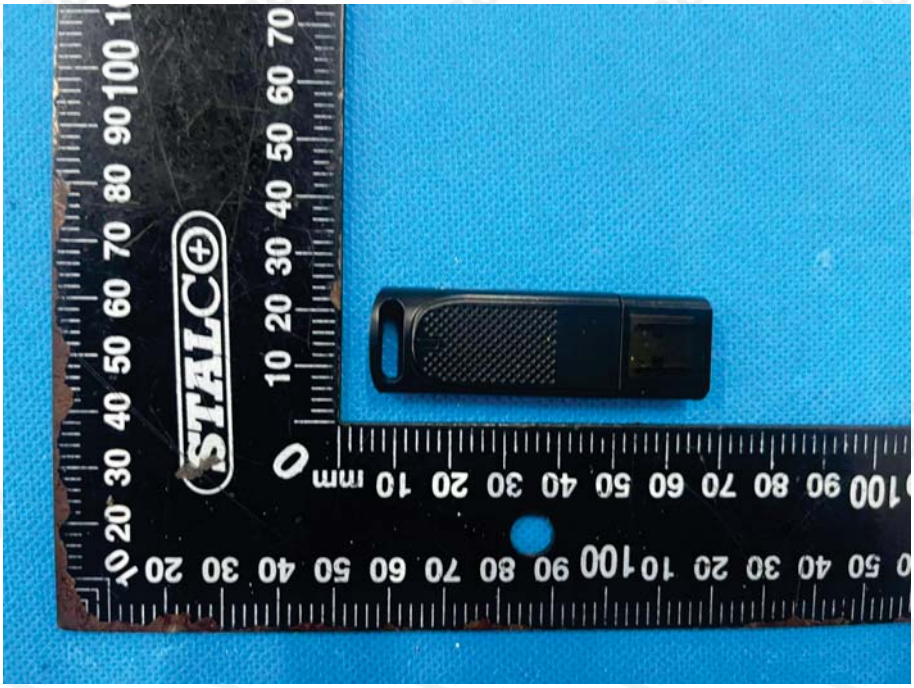



STALC

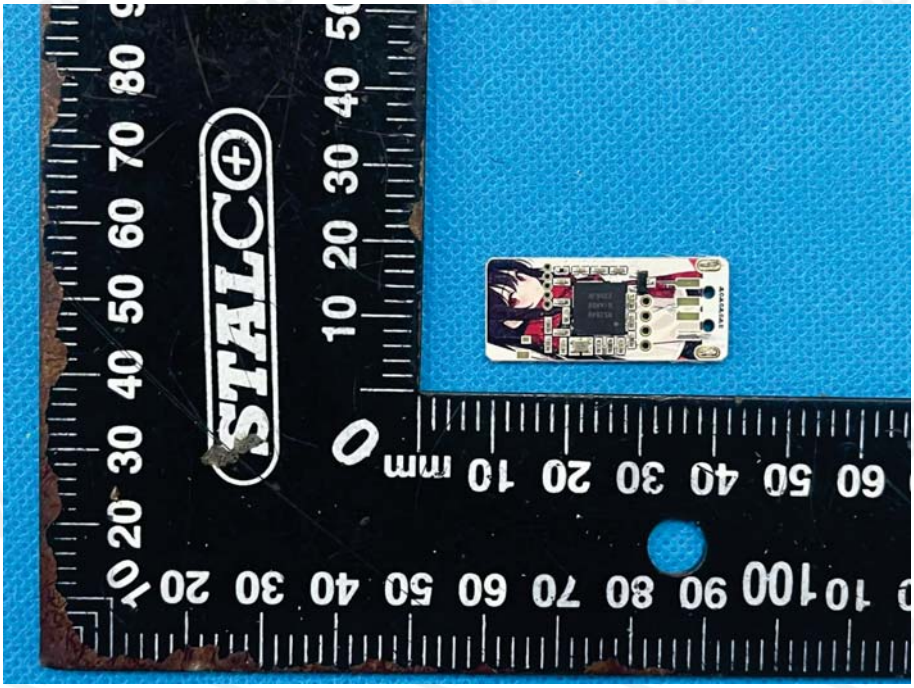
STALC

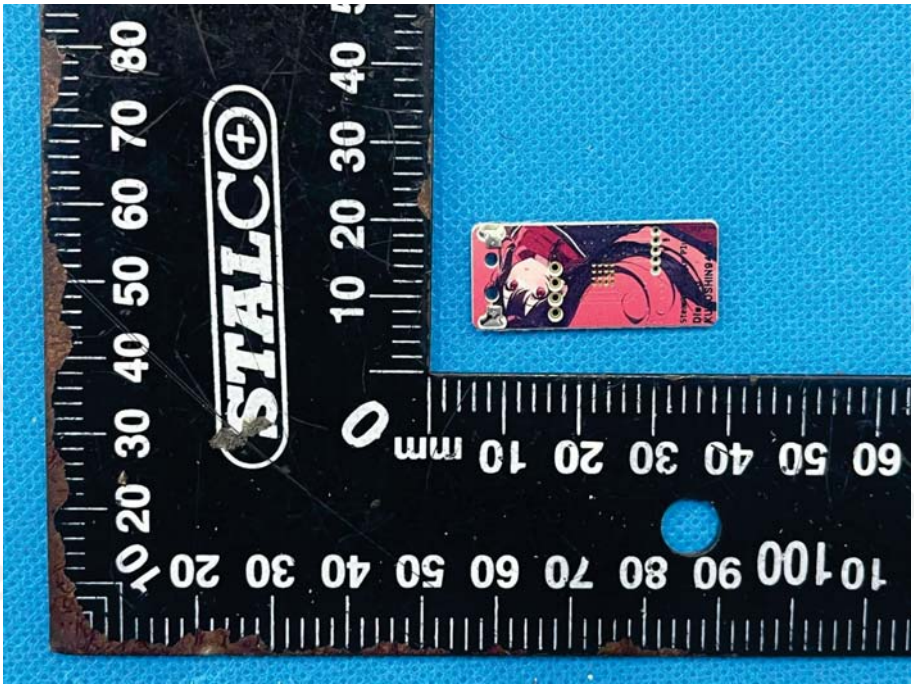
Additional model：000001-3



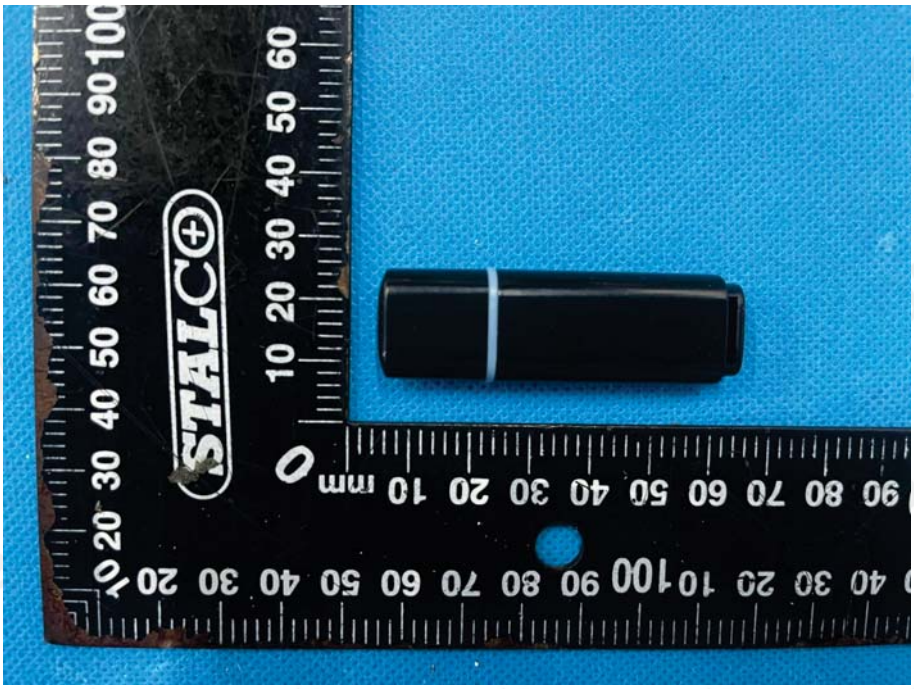

STALC

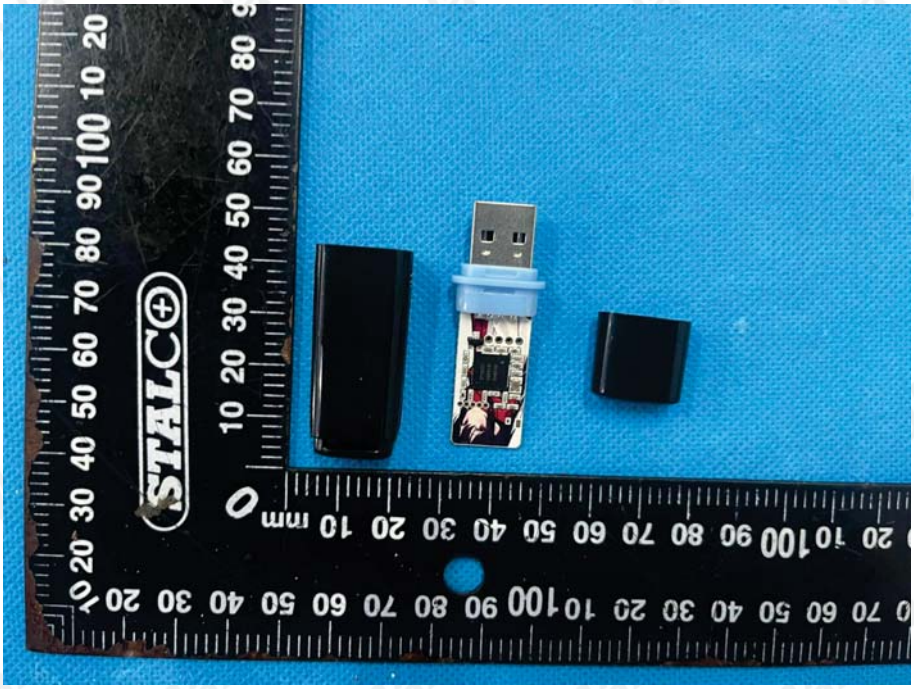
STALC

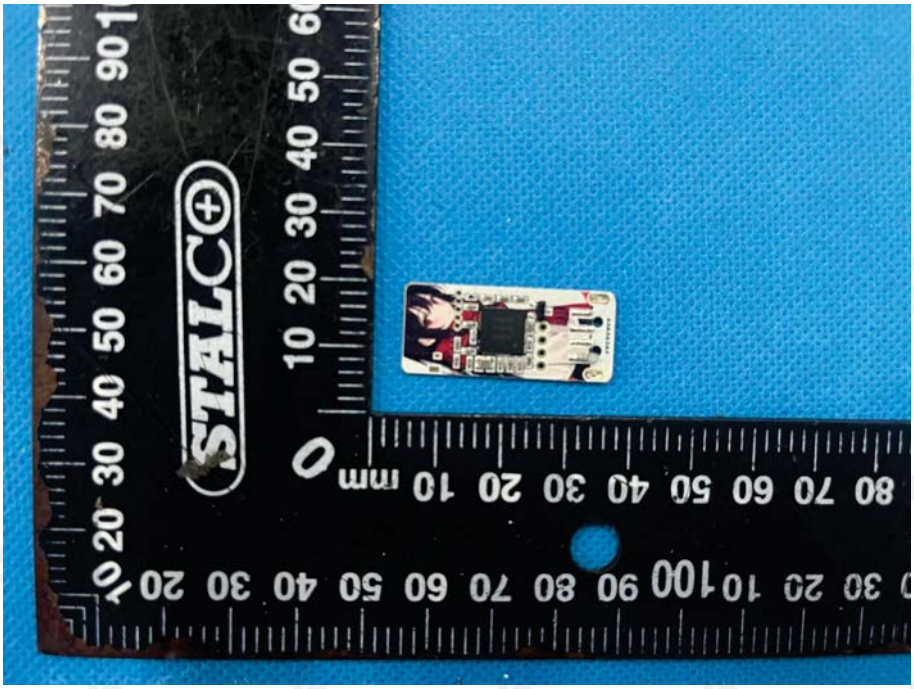

STALC
mm

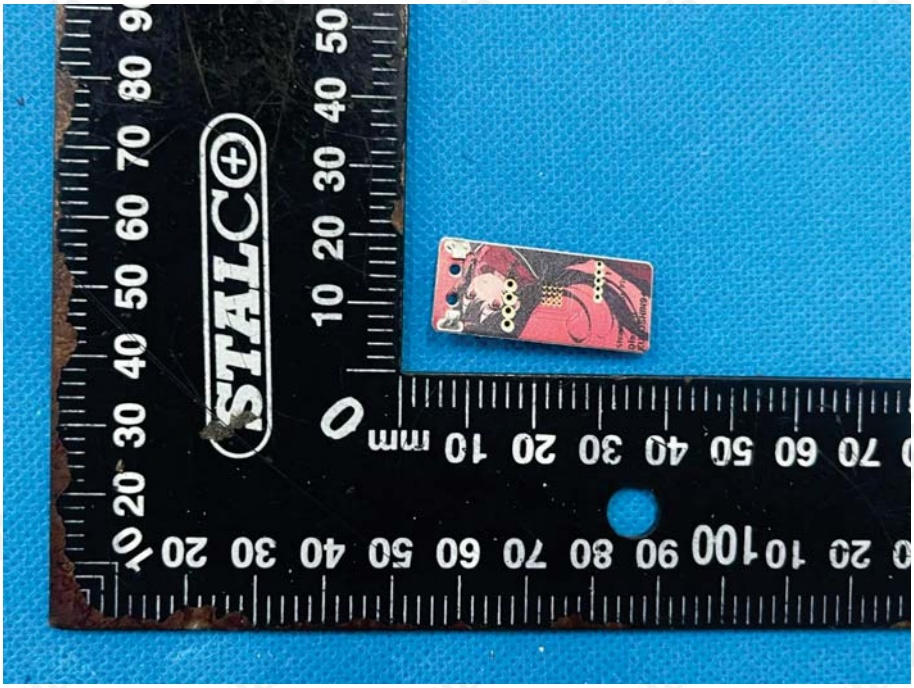

STALC
mm

Additional model：000001-4

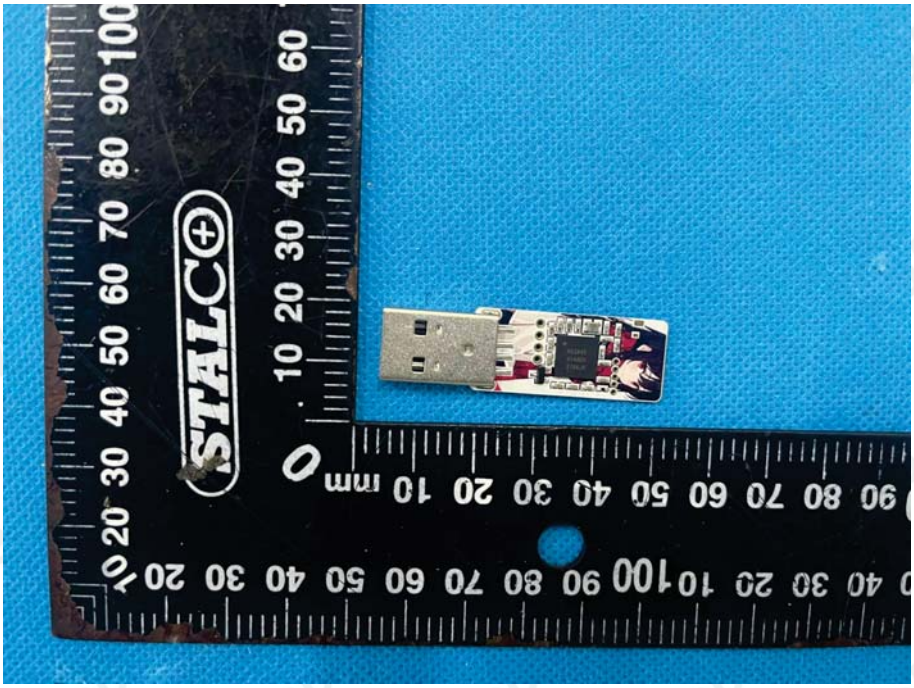


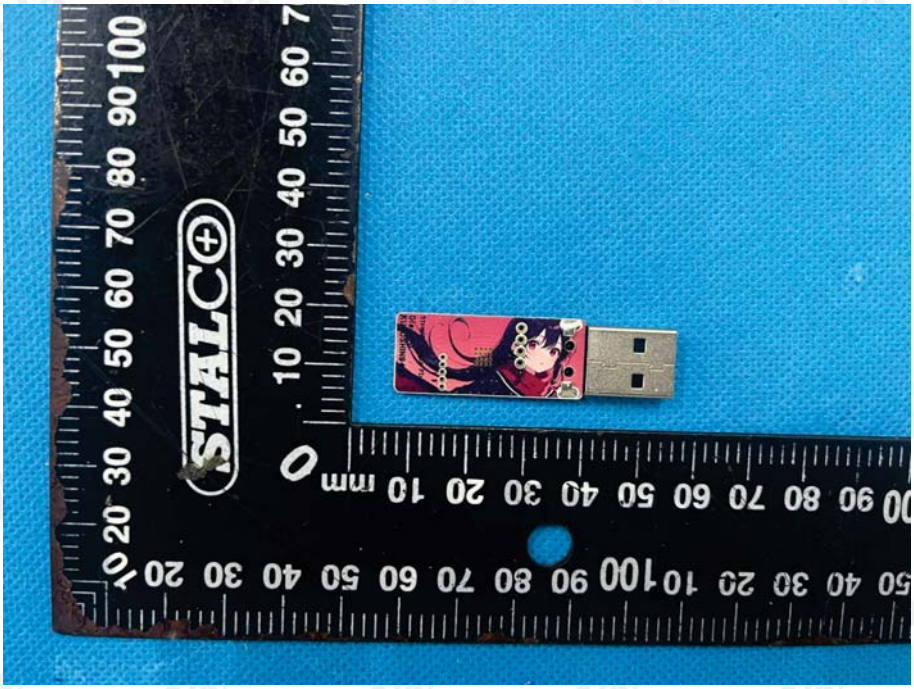

STALC

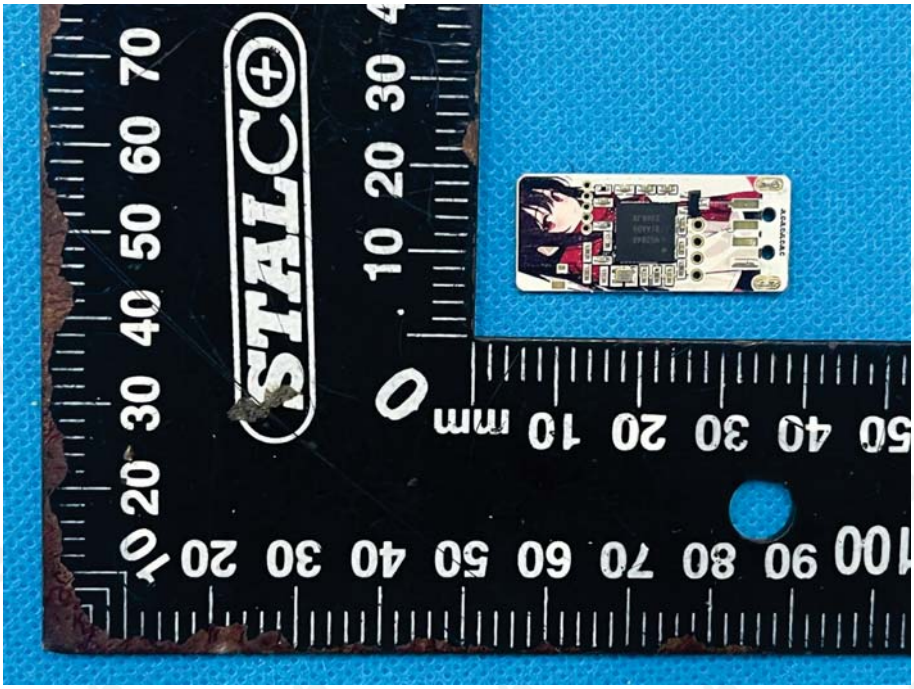

STALC

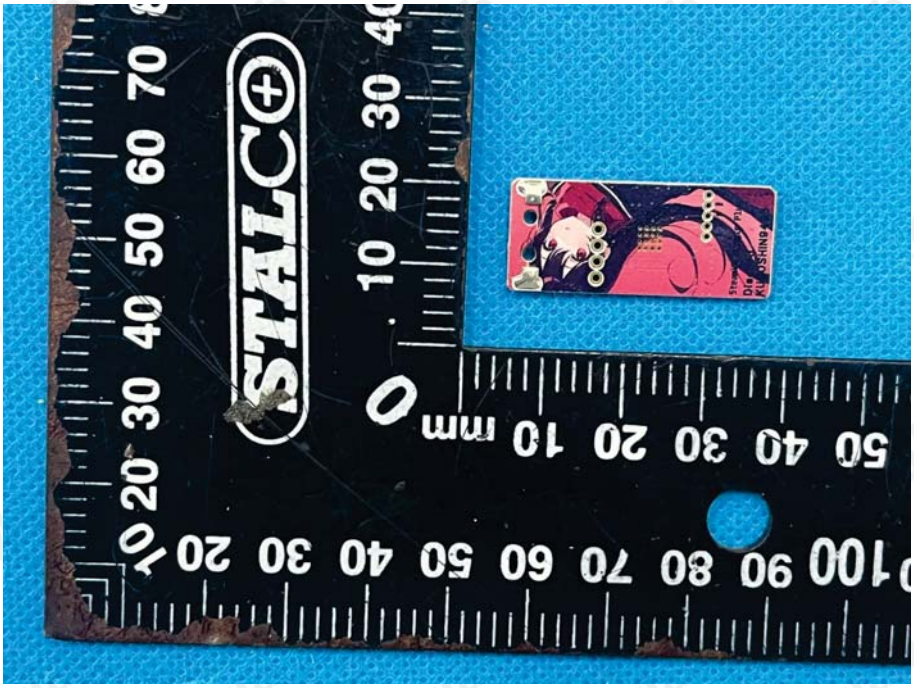


Additional model：000001




STALC


STALC



****END OF REPORT****