



中国认可
国际互认
检测
TESTING
CNAS L16091

No.:
GJWSZ2023-0311-RF

TEST REPORT

PRODUCT NAME : myFirst Fone S3,
ADDITIONAL PRODUCT NAME myFirst Fone S3+
APPLICANT : myFirst Tech Asia Pte Ltd
CLASSIFICATION OF TEST : N/A

CVC Testing Technology (Shenzhen) Co., Ltd.



Applicant		Name: myFirst Tech Asia Pte Ltd Address: 31 Woodlands Close, #01-22Woodlands Horizon Singapore 737855	
Manufacturer		Name: myFirst Tech Asia Pte Ltd Address: 31 Woodlands Close, #01-22Woodlands Horizon Singapore 737855	
Equipment Under Test		Product Name: myFirst Fone S3, Additional Product Name: myFirst Fone S3+ Model: KW1401 Additional Model:KW1402 Brand Name: N/A Serial NO.: N/A Sample NO.:2-1	
Date of Receipt.	2023.11.07	Date of Testing	2023.11.07~ 2023.11.13
Test Specification		Test Result	
EN 301 908-1 V15.2.1 (2023-01) EN 301 908-13 V13.2.1 (2022-02) 3GPP TS 36.521-1 V17.4.0 (2022-09)		PASS	
Evaluation of Test Result		The equipment under test was found to comply with the requirements of the standards applied. Seal of CVC Issue Date: 2023.11.14	
Tested by:  Liang JiaTong Name Signature		Reviewed by:  Huang Meng Name Signature	Approved by:  Dong Sanbi Name Signature
Other Aspects: NONE.			
Abbreviations:OK, Pass= passed Fail = failed N/A= not applicable EUT= equipment, sample(s) under tested			

This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of CVC.



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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
GJWSZ2023-0311-RF	Original release	2023.11.14



1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

ETSI EN 301908-1	Test Description	VERDICT
4.2.4	Control and monitoring functions (UE)	PASS
4.2.2	Transmitter spurious emissions- Radiated	PASS

ETSI TS 136521-1	ETSI EN 301908-13	Test Description	VERDICT
6.2.2	4.2.2	Transmitter maximum output power	PASS
6.6.2.1	4.2.3	Transmitter Spectrum Emission Mask	PASS
6.6.2.2	4.2.3	Additional Spectrum Emission Mask	PASS
6.6.2.3	4.2.11	Transmitter Adjacent Channel Leakage Power Ratio	PASS
6.6.3.1	4.2.4	Transmitter Spurious Emissions- Conducted	PASS
6.3.2	4.2.5	Transmitter Minimum Output Power	PASS
7.3	4.2.12	Receiver Reference Sensitivity Level	PASS
7.5	4.2.6	Receiver Adjacent Channel Selectivity (ACS)	PASS
7.6.1	4.2.7	Receiver Blocking Characteristics	PASS
7.7	4.2.8	Receiver Spurious Response	PASS
7.8	4.2.9	Receiver Intermodulation Characteristics	PASS
7.9	4.2.10	Receiver Spurious Emissions	PASS
--	4.2.13	Receiver Total Radiated Sensitivity(TRS)	N/A(Note)
--	4.2.14	Total Radiated Power (TRP)	N/A(Note)

Note:

The present requirement applies to handheld phones/DUTs that are wider than or equal to 56 mm and narrower than or equal to 72 mm.



1.1 LIST OF TEST AND MEASUREMENT INSTRUMENTS

Radiated Spurious Emission Test - 3M Chamber					
Equipment	Manufacturer	Model No.	Serial Number	Cal. interval	Cal. Due
Signal&Spectrum Analyzer	Rohde&Schwarz	FSV 40	101898	1 year	2024.5.21
EMI Test Receiver	Rohde&Schwarz	ESR3	102693	1 year	2024.5.25
Antenna(30MHz~1001MHz)	SCHWARZBECK	VULB 9168	01133	1 year	2024.2.21
Horn antenna(1GHz-18GHz)	ETS	3117	227611	1 year	2024.3.25
Horn antenna(18GHz-40GHz)	QMS	QMS-00880	22051	1 year	2024.3.25
3m anechoic chamber	MORI	966	CS0300011	3 year	2026.5.18
Filter group(RSE-BT/WiFi)	Rohde&Schwarz	WiFi /BT Variant 1	100820	1 year	2024.5.21
Filter group(RSE-Cellular)	Rohde&Schwarz	Cellular Variant 1	100768	1 year	2024.5.21
Preamplifier(10kHz-1GHz)	Rohde&Schwarz	SCU-01F	100299	1 year	2024.5.21
Preamplifier(1GHz-18GHz)	Rohde&Schwarz	SCU-18F	100799	1 year	2024.5.21
Preamplifier(1GHz-18GHz)	Rohde&Schwarz	SCU-18F	100801	1 year	2024.5.21
Preamplifier(18Gz-40GHz)	Rohde&Schwarz	SCU-40A	101209	1 year	2024.5.21
#2 control room	MORI	433	CS0300028	3 year	2024.5.21
Temperature and humidity meter	/	C193561517	C193561517	1 year	2024.5.21
Antenna Port Conducted Test					
Equipment	Manufacturer	Model No.	Serial Number	Cal. interval	Cal. Due
Signal&Spectrum Analyzer	Rohde&Schwarz	FSV 30	104408	1 year	2024.5.21
#4Shielding room	MORI	443	N/A	3 year	2026.5.16
Wideband radio communication tester	Rohde&Schwarz	CMW 500	168588	1 year	2024.5.25
Analog signal Generator(100kHz~12.75GHz)	Rohde&Schwarz	SMB 100A	181882	1 year	2024.5.21
Vector signal Generator(8kHz~6GHz)	Rohde&Schwarz	SMBV 100B	101846	1 year	2024.5.21
DC power supply	Rohde&Schwarz	HMC8041-G	101203	1 year	2024.5.21
RF control unit(2/3/4/5G)	Tonscend	JS0806-1	CS0300027	1 year	2024.5.21
Automatic filter bank(2/3/4G)	Tonscend	JS0806-F	CS0300028	1 year	2024.5.21
Automatic filter bank(5G)	Tonscend	JS0806-F-5G NR	N/A	1 year	2024.5.21
Temperature and humidity meter	UNI-T	A10T	C193561464	1 year	2024.5.21
Radio Communication Analyzer	Anritsu	MT8821C	6272374548	1 year	2024.1.15
Constant temperature humidity chamber	TEELONG	TL-HW-225B	20220518-01	1 year	2024.5.25
Radio Communication Test Station	Anritsu	MT8000A	6272354169	1 year	2024.1.16



1.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement uncertainty	
Radiated Emissions (UE)	± 2.1618
Control and Monitoring Functions (UE)	± 2.5992
Transmitter maximum output power	± 0.651
Transmitter spectrum emissions mask	± 1.198
Transmitter spurious emissions	$\pm 1.427\text{dB}$
Transmitter Minimum output power	± 0.651
Receiver Adjacent Channel Selectivity(ACS)	± 0.964
Receiver Blocking characteristics	± 0.967
Receiver intermodulation characteristics	± 1.075
Receiver spurious emissions	± 1.427
Transmitter adjacent channel leakage power ratio	$\pm 1.960\text{dB}$

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

1.3 TEST LOCATION

The tests and measurements refer to this report were performed by EMC testing Lab. of CVC Testing Technology (Shenzhen) Co., Ltd.

Lab Address: No. 1301, Guanguang Road, Xinlan Community, Guanlan Street, Longhua District, Shenzhen City, Guangdong Province 518110 P.R.China

Post Code: 518110 Tel: 0755-23763060-8805

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<http://www.cvc.org.cn>



2 GENERAL INFORMATION

2.1 GENERAL PRODUCT INFORMATION

PRODUCT	myFirst Fone S3														
ADDITIONAL PRODUCT	myFirst Fone S3+														
BRAND	N/A														
MODEL	KW1401														
ADDITIONAL MODEL	KW1402														
POWER SUPPLY	DC 3.87V from battery or DC 5V from host unit														
SAMPLE TYPE	<input checked="" type="checkbox"/> Portable Device <input type="checkbox"/> Mobile <input type="checkbox"/> Module														
ANTENNA TYPE	<input type="checkbox"/> External <input checked="" type="checkbox"/> Integrated														
MODULATION TYPE	LTE	QPSK/16QAM													
LTE BAND	B41														
OPERATING FREQUENCY	2496MHz~2690MHz for TX&RX														
MAX CONDUTED POWER	22.21dBm														
CABLE SUPPLIED	N/A														
I/O PORTS	Refer to user' s manual														
NOTE:															
1. For more detailed features description, please refer to the manufacturer' s specifications or the User's Manual.															
2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.															
3. Since the above data and/or information is provided, CVC is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.															
4. Product correspondence															
<table border="1"><thead><tr><th>No.</th><th>Product Name</th><th>Model Name</th><th>SIM</th></tr></thead><tbody><tr><td>1</td><td>myFirst Fone S3</td><td>KW1401</td><td>plug-in card</td></tr><tr><td>2</td><td>myFirst Fone S3+</td><td>KW1402</td><td>eSim</td></tr></tbody></table>				No.	Product Name	Model Name	SIM	1	myFirst Fone S3	KW1401	plug-in card	2	myFirst Fone S3+	KW1402	eSim
No.	Product Name	Model Name	SIM												
1	myFirst Fone S3	KW1401	plug-in card												
2	myFirst Fone S3+	KW1402	eSim												

2.2 DESCRIPTION OF ACCESSORIES

N/A



2.3 TEST ENVIRONMENT

Test Setting Condition		
LV.	Low Voltage	3.80V
NV.	Normal Voltage	3.87V
HV.	High Voltage	4.20V
LT.	Low Temperature	-10℃
NT.	Normal Temperature	25℃
HT.	High Temperature	+50℃



2.4 TEST MODE APPLICABILITY

EN 301 908 -1

Transmitter Parameters				
Description	Clause	Condition	Result	Remark
Radiated emissions (UE)	4.2.2	NT/NV	Pass	See section 3.2
Control and monitoring functions (UE)	4.2.4	NT/NV	Pass	See section 3.2 of GJWSZ2023-0311-RF-A1

**3GPP TS 38.101-1/EN 301 908 -13**

3GPP TS 38.101-1	ETSI EN 301908-13	Test Descriptions for LTE	Verdict		Note
			Test Condition	LTE B41	
6.2.2	4.2.2	UE maximum output power	NT/NV	Pass	See section 3.1
			LT/LV	Pass	
			LT/HV	Pass	
			HT/LV	Pass	
			HT/HV	Pass	
6.3.2	4.2.5	Minimum Output Power	NT/NV	Pass	See section 2 of GJWSZ2023-0311-RF-A1
			LT/LV	Pass	
			LT/HV	Pass	
			HT/LV	Pass	
			HT/HV	Pass	
6.6.2.1	4.2.3	Transmitter Spectrum Emission Mask	NT/NV	Pass	See section 3 of GJWSZ2023-0311-RF-A1
6.6.2.2	4.2.3	Additional Transmitter Spectrum Emission Mask	NT/NV	Pass	See section 5 of GJWSZ2023-0311-RF-A1
6.6.2.3	4.2.11	Adjacent channel leakage ratio	NT/NV	Pass	See section 4 of GJWSZ2023-0311-RF-A1
			LT/LV	Pass	
			LT/HV	Pass	
			HT/LV	Pass	
			HT/HV	Pass	
6.6.3.1	4.2.4	General spurious emissions	NT/NV	Pass	See section 5 of GJWSZ2023-0311-RF-A1
6.6.3.1	4.2.4	Spurious emission for UE co-existence	NT/NV	Pass	
7.3	4.2.12	Reference sensitivity power level	NT/NV	Pass	See section 11 of GJWSZ2023-0311-RF-A1
			LT/LV	Pass	
			LT/HV	Pass	
			HT/LV	Pass	
			HT/HV	Pass	
7.5	4.2.6	Receiver Adjacent Channel Selectivity	NT/NV	Pass	See section 8 of GJWSZ2023-0311-RF-A1
7.6.1	4.2.7	In-Band Blocking	NT/NV	Pass	See section 9 of GJWSZ2023-0311-RF-A1
7.6.2	4.2.7	Out-of Band Blocking	NT/NV	Pass	
7.6.3	4.2.7	Narrow Band Blocking	NT/NV	Pass	
7.7	4.2.8	Spurious response	NT/NV	N/A	N/A
7.8	4.2.9	Receiver Intermodulation Characteristics	NT/NV	Pass	See section 10 of GJWSZ2023-0311-RF-A1
7.9	4.2.10	Receiver Spurious Emissions	NT/NV	Pass	See section 6 of GJWSZ2023-0311-RF-A1



2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product, according to the specifications of the manufacturers. It must comply with the requirements of the following standards:

3GPP TS 36.521-1 V17.4.0 (2022-09)

ETSI EN 301 908-1 V15.1.1 (2019-11)

ETSI EN 301 908-13 V13.2.1 (2022-02)

Note: All test items have been performed and recorded as per the above standards

2.6 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support Equipment							
NO	Description	Brand	Model No.	Serial Number	Supplied by		
1	N/A	N/A	N/A	N/A	N/A		
Support Cable							
NO	Description	Quantity (Number)	Length (cm)	Detachable (Yes/ No)	Shielded (Yes/ No)	Cores (Number)	Supplied by
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



3 TEST TYPES AND RESULTS

3.1 MAXIMUM OUTPUT POWER RESULTS

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Limit (dBm)	Verdict
LTLV	Band41	5MHz	QPSK	39675	1RB#0	22.16	18.8~25.7	PASS
LTLV	Band41	5MHz	QPSK	39675	1RB#24	21.88	18.8~25.7	PASS
LTLV	Band41	5MHz	QPSK	41565	1RB#0	20.52	18.8~25.7	PASS
LTLV	Band41	5MHz	QPSK	41565	1RB#24	20.00	18.8~25.7	PASS
LTHV	Band41	5MHz	QPSK	39675	1RB#0	21.96	18.8~25.7	PASS
LTHV	Band41	5MHz	QPSK	39675	1RB#24	22.01	18.8~25.7	PASS
LTHV	Band41	5MHz	QPSK	41565	1RB#0	20.59	18.8~25.7	PASS
LTHV	Band41	5MHz	QPSK	41565	1RB#24	20.08	18.8~25.7	PASS
NTNV	Band41	5MHz	QPSK	39675	1RB#0	21.96	18.8~25.7	PASS
NTNV	Band41	5MHz	QPSK	39675	1RB#24	21.96	18.8~25.7	PASS
NTNV	Band41	5MHz	QPSK	41565	1RB#0	20.66	18.8~25.7	PASS
NTNV	Band41	5MHz	QPSK	41565	1RB#24	20.13	18.8~25.7	PASS
HTLV	Band41	5MHz	QPSK	39675	1RB#0	21.98	18.8~25.7	PASS
HTLV	Band41	5MHz	QPSK	39675	1RB#24	21.98	18.8~25.7	PASS
HTLV	Band41	5MHz	QPSK	41565	1RB#0	20.68	18.8~25.7	PASS
HTLV	Band41	5MHz	QPSK	41565	1RB#24	20.15	18.8~25.7	PASS
HTHV	Band41	5MHz	QPSK	39675	1RB#0	22.02	18.8~25.7	PASS
HTHV	Band41	5MHz	QPSK	39675	1RB#24	22.01	18.8~25.7	PASS
HTHV	Band41	5MHz	QPSK	41565	1RB#0	20.70	18.8~25.7	PASS
HTHV	Band41	5MHz	QPSK	41565	1RB#24	20.16	18.8~25.7	PASS
LTLV	Band41	5MHz	QPSK	40620	1RB#0	21.97	20.3~25.7	PASS
LTLV	Band41	5MHz	QPSK	40620	1RB#24	22.00	20.3~25.7	PASS
LTLV	Band41	5MHz	QPSK	40620	8RB#0	21.90	20.3~25.7	PASS
LTHV	Band41	5MHz	QPSK	40620	1RB#0	21.94	20.3~25.7	PASS
LTHV	Band41	5MHz	QPSK	40620	1RB#24	22.09	20.3~25.7	PASS
LTHV	Band41	5MHz	QPSK	40620	8RB#0	21.99	20.3~25.7	PASS
NTNV	Band41	5MHz	QPSK	40620	1RB#0	21.92	20.3~25.7	PASS
NTNV	Band41	5MHz	QPSK	40620	1RB#24	22.07	20.3~25.7	PASS
NTNV	Band41	5MHz	QPSK	40620	8RB#0	21.97	20.3~25.7	PASS
HTLV	Band41	5MHz	QPSK	40620	1RB#0	22.04	20.3~25.7	PASS
HTLV	Band41	5MHz	QPSK	40620	1RB#24	22.06	20.3~25.7	PASS
HTLV	Band41	5MHz	QPSK	40620	8RB#0	21.96	20.3~25.7	PASS
HTHV	Band41	5MHz	QPSK	40620	1RB#0	22.02	20.3~25.7	PASS
HTHV	Band41	5MHz	QPSK	40620	1RB#24	22.05	20.3~25.7	PASS
HTHV	Band41	5MHz	QPSK	40620	8RB#0	21.95	20.3~25.7	PASS
LTLV	Band41	20MHz	QPSK	39750	1RB#0	21.78	18.8~25.7	PASS
LTLV	Band41	20MHz	QPSK	39750	1RB#99	21.69	18.8~25.7	PASS
LTLV	Band41	20MHz	QPSK	41490	1RB#0	21.91	18.8~25.7	PASS
LTLV	Band41	20MHz	QPSK	41490	1RB#99	20.81	18.8~25.7	PASS
LTHV	Band41	20MHz	QPSK	39750	1RB#0	21.79	18.8~25.7	PASS
LTHV	Band41	20MHz	QPSK	39750	1RB#99	21.68	18.8~25.7	PASS
LTHV	Band41	20MHz	QPSK	41490	1RB#0	21.91	18.8~25.7	PASS
LTHV	Band41	20MHz	QPSK	41490	1RB#99	20.80	18.8~25.7	PASS
NTNV	Band41	20MHz	QPSK	39750	1RB#0	21.78	18.8~25.7	PASS
NTNV	Band41	20MHz	QPSK	39750	1RB#99	21.72	18.8~25.7	PASS
NTNV	Band41	20MHz	QPSK	41490	1RB#0	21.90	18.8~25.7	PASS
NTNV	Band41	20MHz	QPSK	41490	1RB#99	20.79	18.8~25.7	PASS



HTLV	Band41	20MHz	QPSK	39750	1RB#0	21.76	18.8~25.7	PASS
HTLV	Band41	20MHz	QPSK	39750	1RB#99	21.67	18.8~25.7	PASS
HTLV	Band41	20MHz	QPSK	41490	1RB#0	21.91	18.8~25.7	PASS
HTLV	Band41	20MHz	QPSK	41490	1RB#99	20.80	18.8~25.7	PASS
HTHV	Band41	20MHz	QPSK	39750	1RB#0	21.93	18.8~25.7	PASS
HTHV	Band41	20MHz	QPSK	39750	1RB#99	21.66	18.8~25.7	PASS
HTHV	Band41	20MHz	QPSK	41490	1RB#0	21.88	18.8~25.7	PASS
HTHV	Band41	20MHz	QPSK	41490	1RB#99	20.78	18.8~25.7	PASS
LTLV	Band41	20MHz	QPSK	40620	1RB#0	21.83	20.3~25.7	PASS
LTLV	Band41	20MHz	QPSK	40620	1RB#99	22.21	20.3~25.7	PASS
LTLV	Band41	20MHz	QPSK	40620	18RB#0	21.90	20.3~25.7	PASS
LTHV	Band41	20MHz	QPSK	40620	1RB#0	21.93	20.3~25.7	PASS
LTHV	Band41	20MHz	QPSK	40620	1RB#99	22.21	20.3~25.7	PASS
LTHV	Band41	20MHz	QPSK	40620	18RB#0	21.90	20.3~25.7	PASS
NTNV	Band41	20MHz	QPSK	40620	1RB#0	21.93	20.3~25.7	PASS
NTNV	Band41	20MHz	QPSK	40620	1RB#99	22.21	20.3~25.7	PASS
NTNV	Band41	20MHz	QPSK	40620	18RB#0	21.91	20.3~25.7	PASS
HTLV	Band41	20MHz	QPSK	40620	1RB#0	21.93	20.3~25.7	PASS
HTLV	Band41	20MHz	QPSK	40620	1RB#99	22.21	20.3~25.7	PASS
HTLV	Band41	20MHz	QPSK	40620	18RB#0	21.91	20.3~25.7	PASS
HTHV	Band41	20MHz	QPSK	40620	1RB#0	21.93	20.3~25.7	PASS
HTHV	Band41	20MHz	QPSK	40620	1RB#99	22.21	20.3~25.7	PASS
HTHV	Band41	20MHz	QPSK	40620	18RB#0	21.91	20.3~25.7	PASS



3.2 RADIATED SPURIOUS EMISSIONS MEASUREMENT

3.2.1 LIMITS OF RADIATED SPURIOUS EMISSIONS MEASUREMENT

FOR WCDMA/LTE/NR UE traffic mode and idle mode

The requirements shown in this table are only applicable for frequencies in the spurious domain.

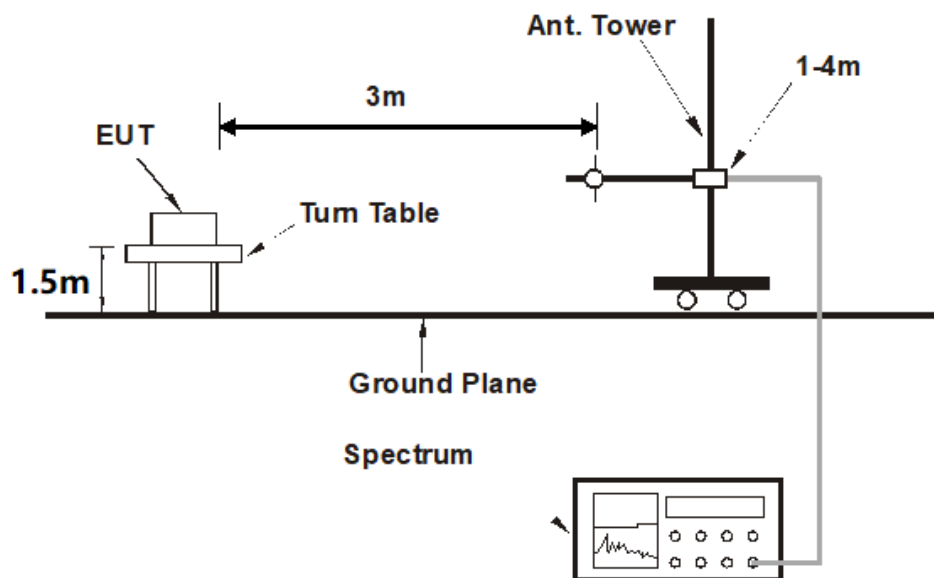
Frequency	Minimum requirement (e.r.p.)/ reference bandwidth idle mode	Minimum requirement (e.r.p.)/ reference bandwidth traffic mode	Applicability
$30 \text{ MHz} \leq f < 1\,000 \text{ MHz}$	-57 dBm/100 kHz	-36 dBm/100 kHz	All
$1 \text{ GHz} \leq f < 12,75 \text{ GHz}$	-47 dBm/1 MHz	-30 dBm/1 MHz	All
$12,75 \text{ GHz} \leq f < 5^{\text{th}}$ harmonic of the upper frequency edge of the Uplink operating band in GHz	-47 dBm/1 MHz	-30 dBm/1 MHz	All(note1)
$12,75 \text{ GHz} < f < 26 \text{ GHz}$	-47 dBm/1 MHz	-30 dBm/1 MHz	All (note 2)
$f_c - 2,5 \times 5 \text{ MHz} < f < f_c + 2,5 \times 5 \text{ MHz}$		Not defined	UTRA FDD, UTRA TDD, 3,84 Mcps option, cdma2000, spreading rate 3
$f_c - 2,5 \times \text{BW}_{\text{Channel}} \text{ MHz} < f < f_c + 2,5 \times \text{BW}_{\text{Channel}} \text{ MHz}$		Not defined	E-UTRA FDD, E-UTRA TDD, Mobile WiMAX™
$f_c - (1,5 \times \text{BW}_{\text{Channel}} + 5) \text{ MHz} < f < f_c + (1,5 \times \text{BW}_{\text{Channel}} + 5) \text{ MHz}$		Not defined	NR operating in FR1
$f_c - 2,5 \times 10 \text{ MHz} < f < f_c + 2,5 \times 10 \text{ MHz}$		Not defined	UTRA TDD, 7,68 Mcps option
$f_c - 4 \text{ MHz} < f < f_c + 4 \text{ MHz}$		Not defined	UTRA TDD, 1,28 Mcps option cdma2000, spreading rate 1
NOTE 1: Applies for Band that the upper frequency edge of the Uplink Band more than 2,69 GHz. NOTE 2: Applies for Band that the upper frequency edge of the Uplink Band more than 5,2 GHz.			

3.2.2 TEST SETUP

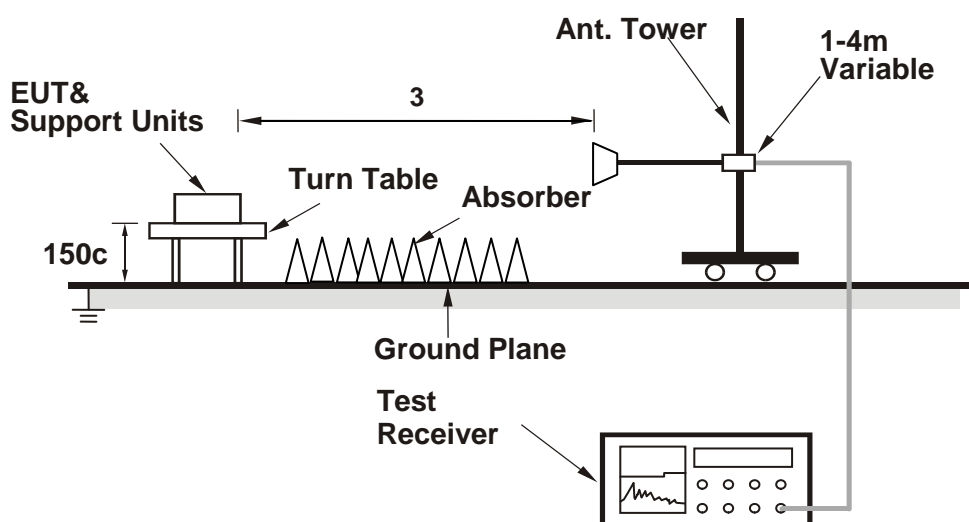
For the actual test configuration, please refer to the related Item in this test report (Photographs of Test Setup).

3.2.3 MEASUREMENT PROCEDURE

< Frequency Range 30MHz~1GHz >



< Frequency Range above 1GHz >





3.2.4 TEST RESULT

LTE B41

Frequency Range		30MHz-14GHz		Mode		TX channel 40620	
Horizontal							
NO	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]
1	846.41	-98.32	-62.14	-36.00	26.14	36.18	0
2	1096.255	-98.17	-58.81	-30.00	28.81	39.36	178
3	5177.34	-70.94	-52.44	-30.00	22.44	18.50	360
4	5815.56	-70.29	-50.79	-30.00	20.79	19.50	197
5	7765.7625	-62.40	-42.60	-30.00	12.60	19.80	238
6	10354.47	-75.45	-54.65	-30.00	24.65	20.80	52
Vertical							
NO	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]
1	48.939	-100.85	-72.39	-36.00	36.39	28.46	11
2	620.105	-98.83	-65.79	-36.00	29.79	33.04	195
3	1087.588	-98.15	-59.00	-30.00	29.00	39.15	317
4	5177.34	-66.75	-48.48	-30.00	18.48	18.27	53
5	7765.7625	-59.18	-39.86	-30.00	9.86	19.32	360
6	10354.1475	-76.96	-55.77	-30.00	25.77	21.19	11
Remark: The emission levels of other frequencies were very low against the limit.							



LTE IDLE

Frequency Range		30MHz-14GHz		OPERATING CHANNEL		LTE	
Horizontal							
NO	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]
1	70.7155	-106.93	-81.98	-57.00	24.98	24.95	193
2	119.5635	-107.95	-84.79	-57.00	27.79	23.16	132
3	1723.0223	-69.40	-64.06	-47.00	17.06	5.34	253
4	2197.8298	-69.93	-61.78	-47.00	14.78	8.15	315
5	3129.763	-70.61	-57.59	-47.00	10.59	13.02	70
6	5823.1123	-69.46	-53.51	-47.00	6.51	15.95	132
Vertical							
NO	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]
1	30.9095	-104.91	-79.99	-57.00	22.99	24.92	315
2	48.5119	-109.54	-81.09	-57.00	24.09	28.45	315
3	1364.7065	-69.10	-66.13	-47.00	19.13	2.97	360
4	2421.9722	-68.27	-61.49	-47.00	14.49	6.78	360
5	3130.283	-70.46	-58.85	-47.00	11.85	11.61	315
6	5829.873	-69.70	-53.88	-47.00	6.88	15.82	192
Remark: The emission levels of other frequencies were very low against the limit.							

4 PHOTOGRAPHS OF TEST SETUP

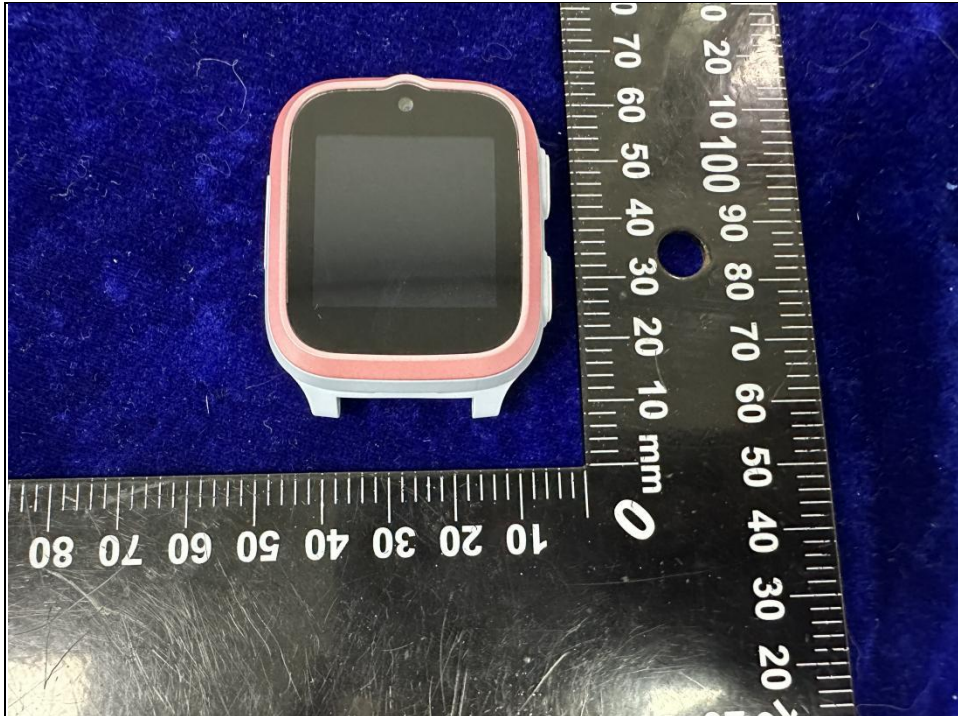
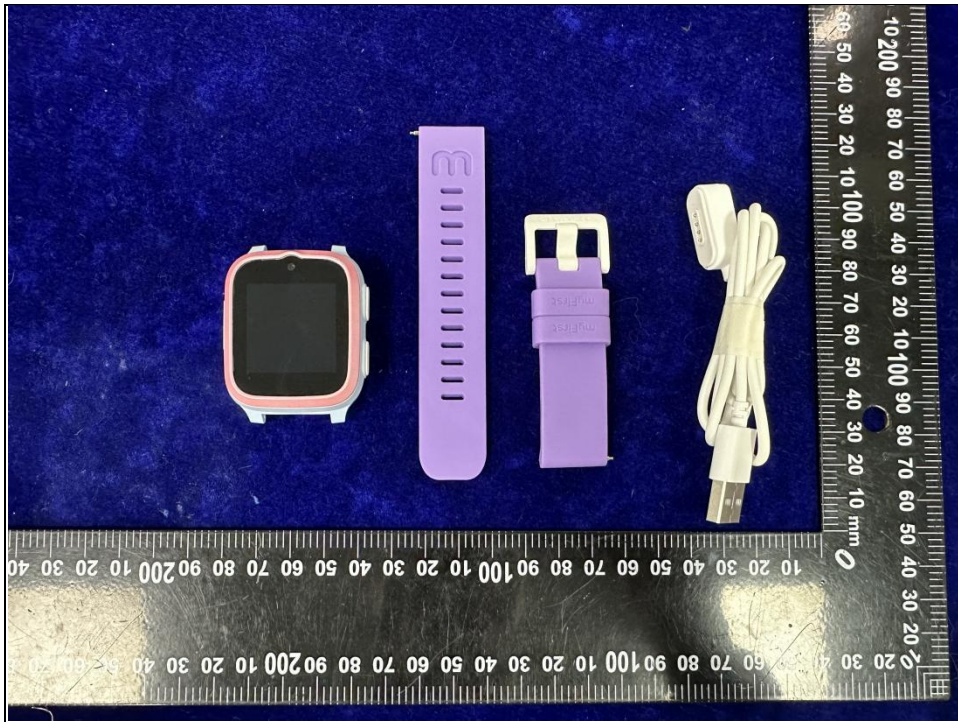


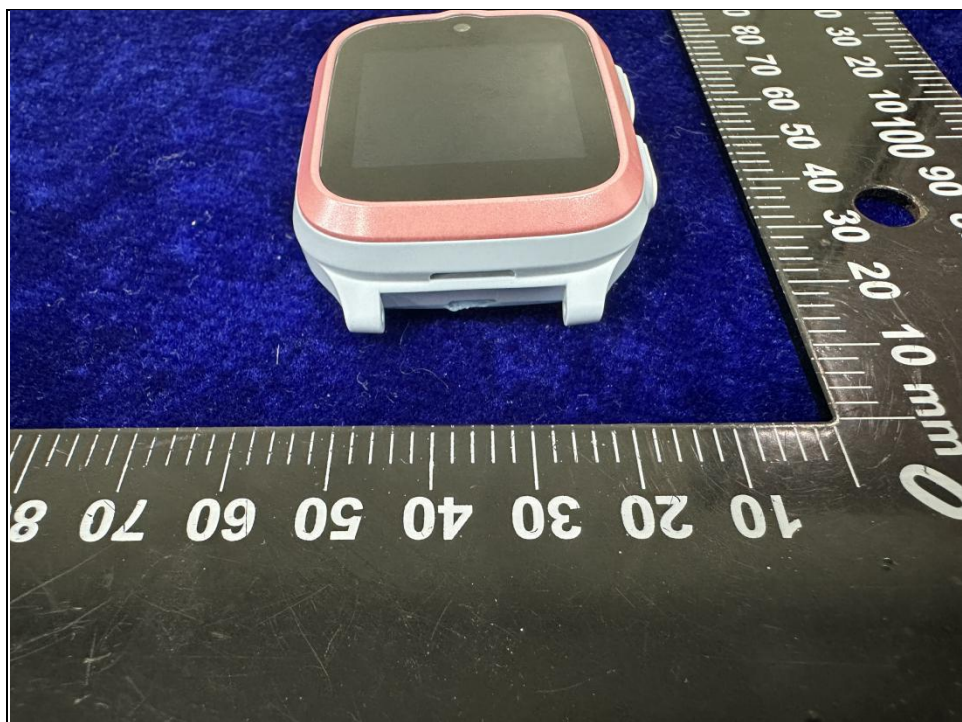
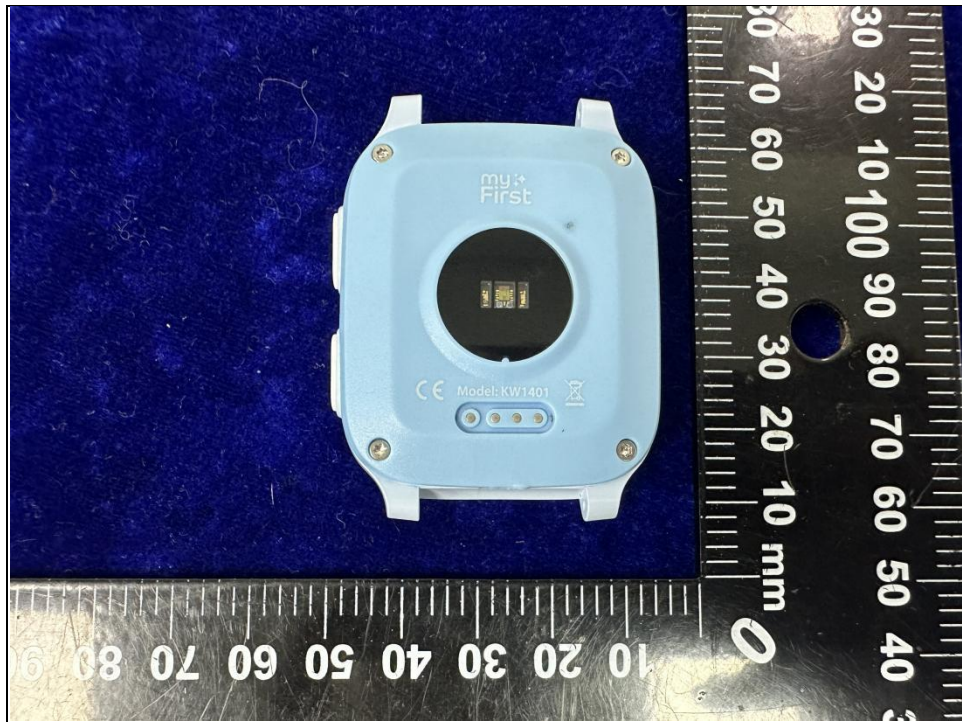
Spurious Emissions Below 1GHz

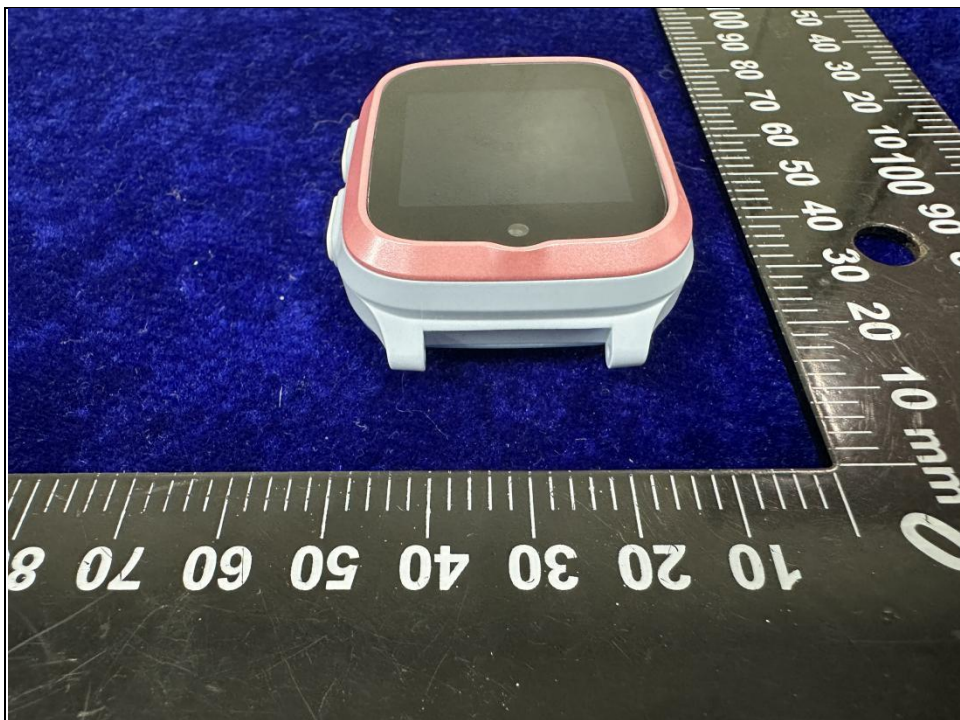


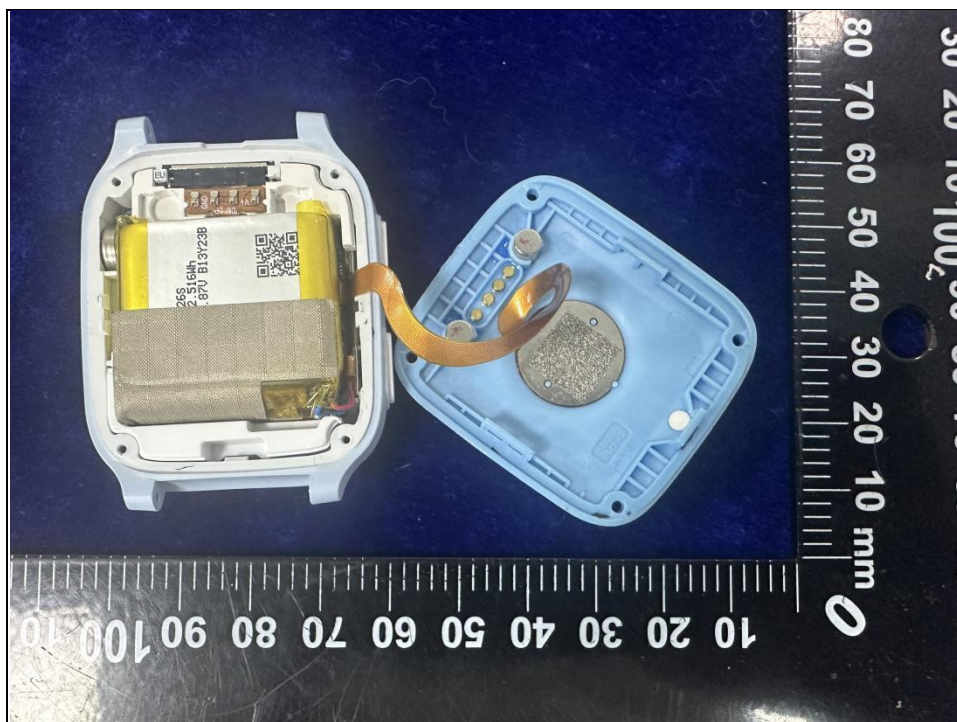
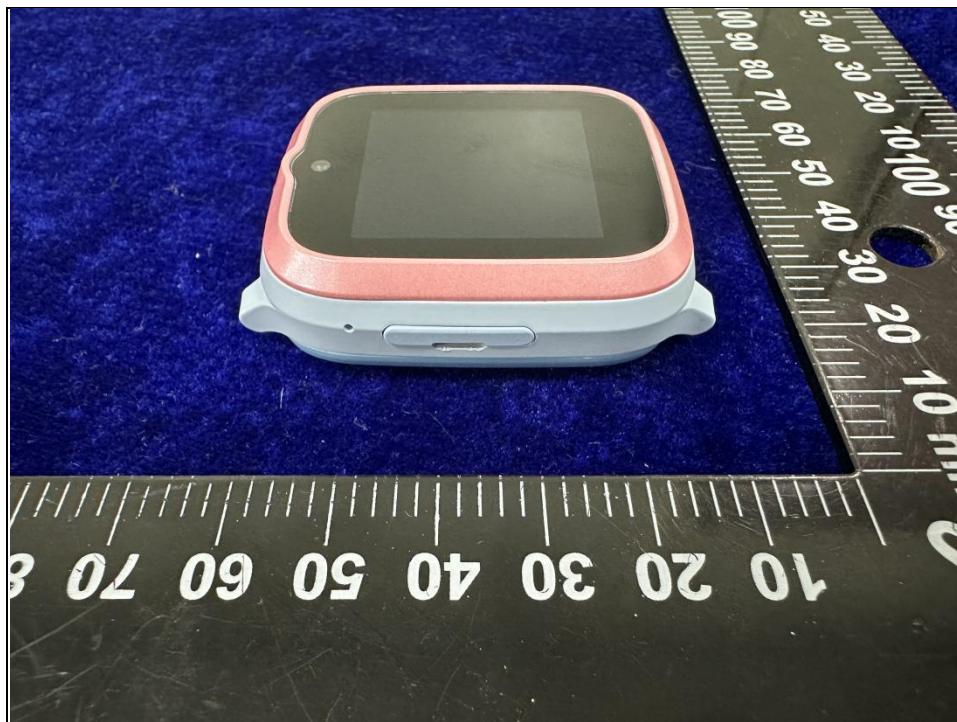
Spurious Emissions Above 1GHz

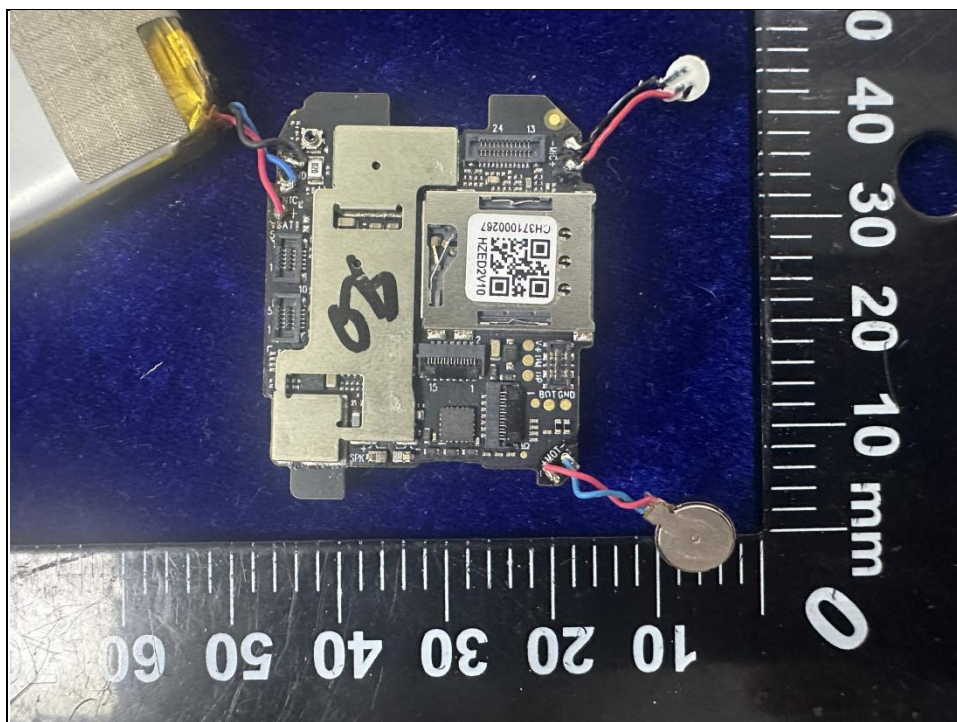
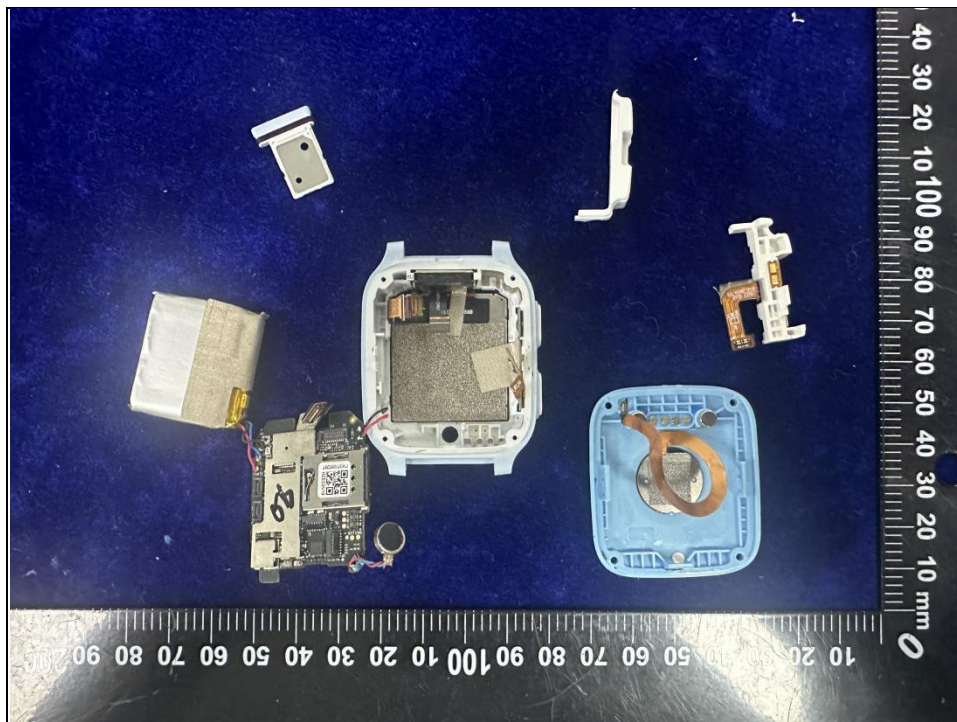
5 PHOTOGRAPHS OF THE EUT

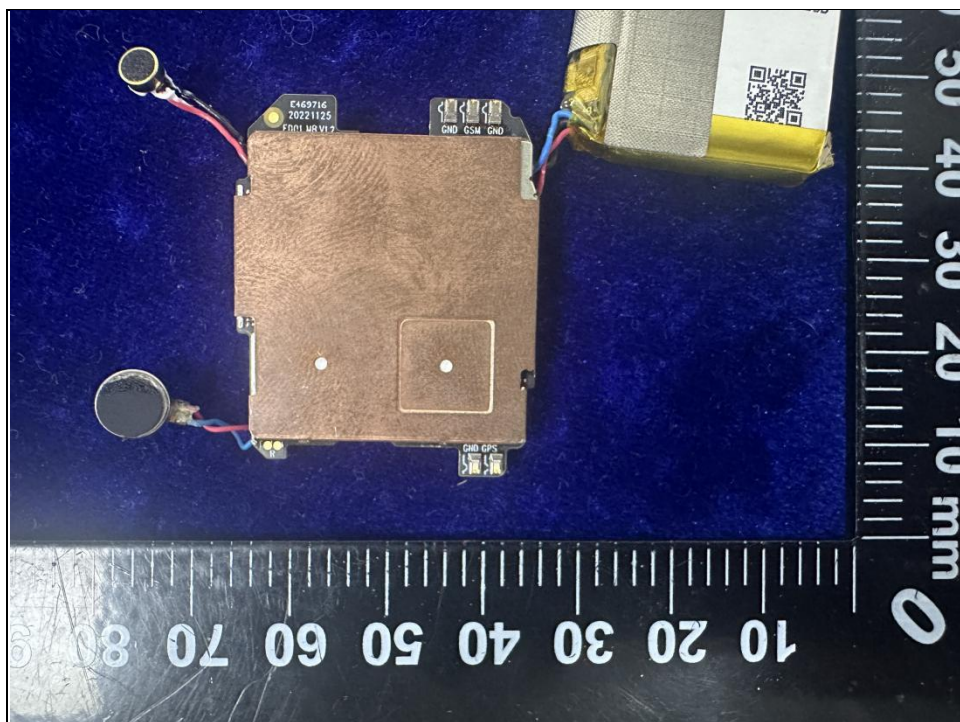
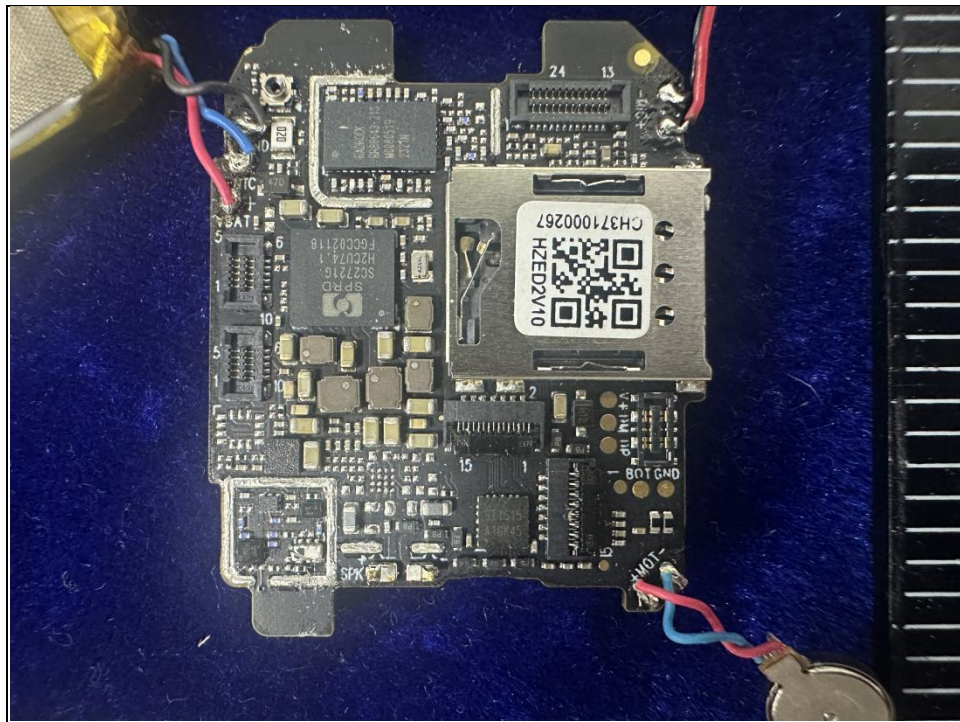


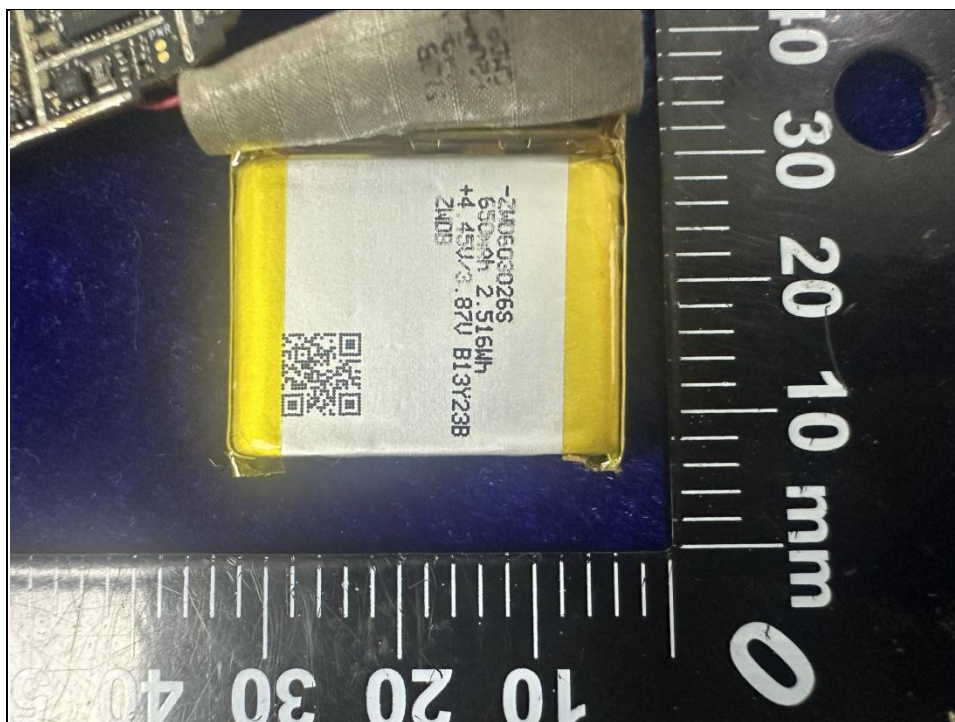
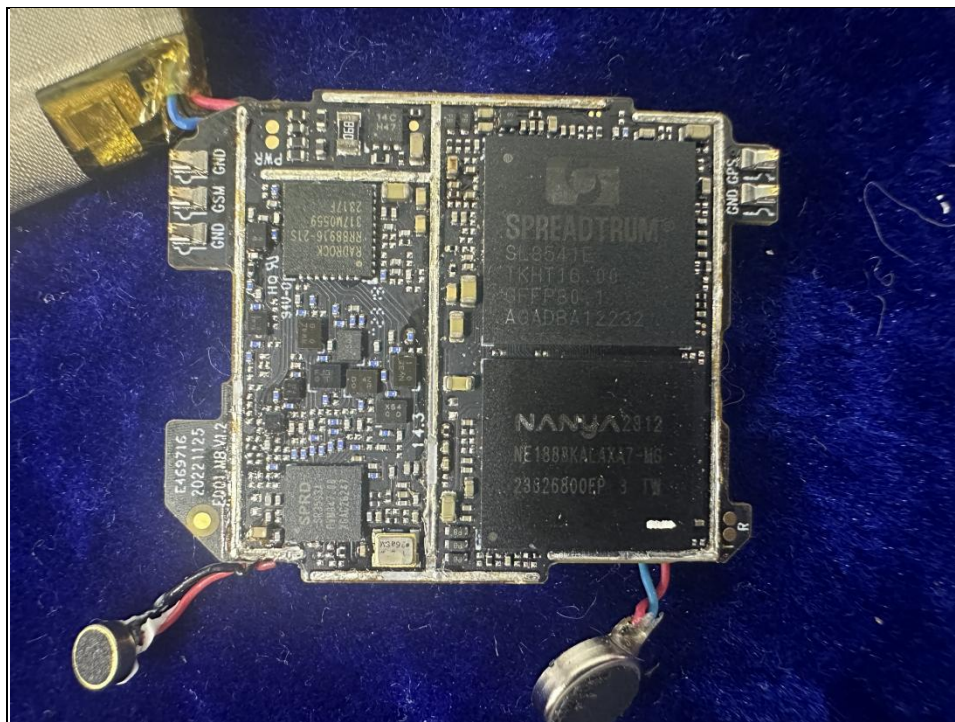


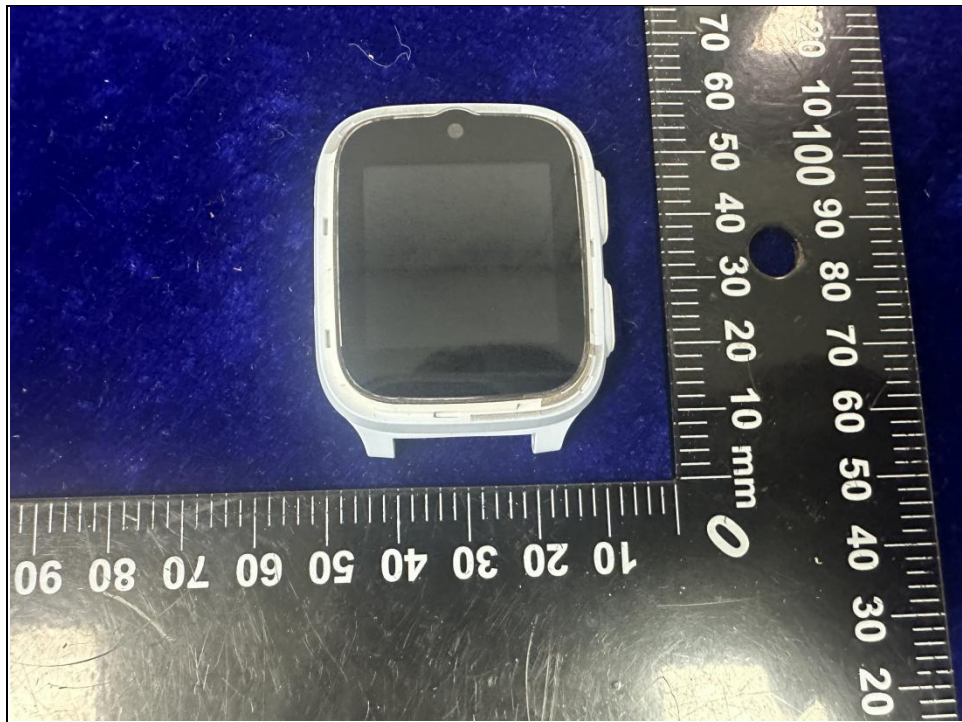




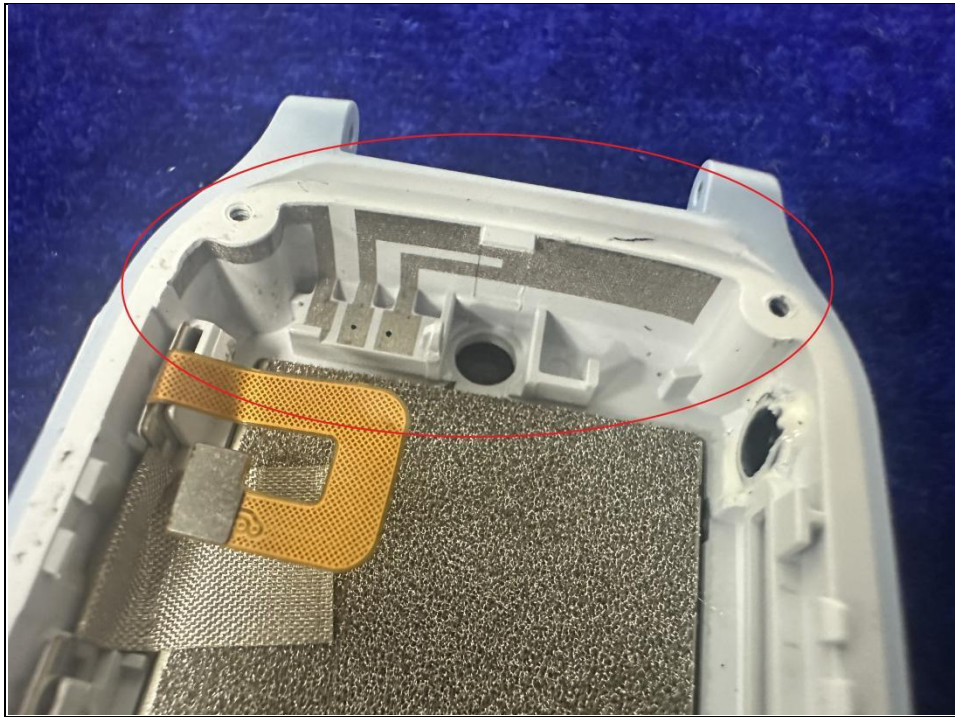








Antenna



----- End of the Report -----



Important

- (1) The test report is valid without the official stamp of CVC;
- (2) Any part photocopies of the test report are forbidden without the written permission from CVC;
- (3) The test report is invalid without the signatures of Approval and Reviewer;
- (4) The test report is invalid if altered;
- (5) Objections to the test report must be submitted to CVC within 15 days.
- (6) Generally, commission test is responsible for the tested samples only.
- (7) As for the test result “-” or “N” means “not applicable”, “/” means “not test”, “P” means “pass” and “F” means “fail”

The test data and test results given in this test report should only be used for purposes of scientific research, teaching and internal quality control when the CMA symbol is not presented.

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