



# FCC SDoC Test Report

For

**Applicant Name:** SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD  
A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU  
**Address:** INDUSTRIAL ZONE, GUANLAN, LONGHUA SHENZHEN, 518XXX  
China  
**EUT Name:** tablet  
**Brand Name:** OUKITEL  
**Model Number:** OT6  
**Series Model Number:** Refer to section 2

Issued By

**Company Name:** BTF Testing Lab (Shenzhen) Co., Ltd.  
F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park,  
**Address:** Tantou Community, Songgang Street, Bao'an District, Shenzhen,  
China

**Report Number:** BTF231127E00401  
**Test Standards:** 47 CFR Part 15, Subpart B

**Test Conclusion:** Pass  
**FCC ID:** 2ANMU-OT6  
**Test Date:** 2023-11-28 to 2023-12-15  
**Date of Issue:** 2023-12-18

Prepared By:

Chris Liu

Chris Liu / Project Engineer  
2023-12-18

Date:



Approved By:

Ryan.CJ

Ryan.CJ/ EMC Manager  
2023-12-18

Date:

*Note: All the test results in this report only related to the testing samples. Which can be duplicated completely for the legal use with approval of applicant; it shall not be reproduced except in full without the written approval of BTF Testing Lab (Shenzhen) Co., Ltd., All the objections should be raised within thirty days from the date of issue. To validate the report, you can contact us.*

Revision History		
Version	Issue Date	Revisions Content
R_V0	2023-12-18	Original
<i>Note: Once the revision has been made, then previous versions reports are invalid.</i>		

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## 1 Introduction

### 1.1 Identification of Testing Laboratory

Company Name:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China
Phone Number:	+86-0755-23146130
Fax Number:	+86-0755-23146130

### 1.2 Identification of the Responsible Testing Location

Company Name:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China
Phone Number:	+86-0755-23146130
Fax Number:	+86-0755-23146130
FCC Registration Number:	518915
Designation Number:	CN1330

### 1.3 Announcement

- (1) The test report reference to the report template version v0.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing, reviewing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) This document may not be altered or revised in any way unless done so by BTF and all revisions are duly noted in the revisions section.
- (5) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (6) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

## 2 Product Information

### 2.1 Application Information

Company Name:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Address:	A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU INDUSTRIAL ZONE, GUANLAN, LONGHUA SHENZHEN, 518XXX China

### 2.2 Manufacturer Information

Company Name:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Address:	A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU INDUSTRIAL ZONE, GUANLAN, LONGHUA SHENZHEN, 518XXX China

### 2.3 Factory Information

Company Name:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Address:	A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU INDUSTRIAL ZONE, GUANLAN, LONGHUA SHENZHEN, 518XXX China

### 2.4 General Description of Equipment under Test (EUT)

EUT Name:	tablet
Test Model Number:	OT6
Series Model Number:	OT6 S, OT6 Pro, OT6 Ultra, OT6 Kids
Description of Model name differentiation:	Only the model name is different, everything else is the same
Hardware Version:	R8631-RK3562-V1.0
Software Version:	OUKITEL_OT6_EEA_V01

### 2.5 Technical Information

Power Supply:	AC 120V 60Hz
Power Adaptor:	Model:PS10UA050K2000EU Input:100-240v~50/60Hz 0.35A Max Output:5.0V==2.0A 10.0W

### 3 Summary of Test Results

#### 3.1 Test Standards

The tests were performed according to following standards:  
**47 CFR Part 15, Subpart B: Unintentional Radiators**

#### 3.2 Uncertainty of Test

Item	Measurement Uncertainty
Conducted Emission (150 kHz-30 MHz)	±2.64dB
Radiated Emissions (30M - 1GHz)	±4.12dB
Radiated Emissions (above 1GHz)	1-6GHz: ±3.94dB 6-18GHz: ±4.16dB

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

#### 3.3 Summary of Test Result

Item	Standard	Requirement	Result
Conducted emissions on AC mains	47 CFR Part 15, Subpart B	15.107, Class B	Pass
Radiated emissions (Below 1GHz)	47 CFR Part 15, Subpart B	15.109, Class B	Pass
Radiated emissions (Above 1GHz)	47 CFR Part 15, Subpart B	15.109, Class B	Pass

## 4 Test Configuration

### 4.1 Test Equipment List

Conducted emissions on AC mains					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Pulse Limiter	SCHWARZBECK	VTSD 9561-F	00953	/	/
Coaxial Switcher	SCHWARZBECK	CX210	CX210	/	/
V-LISN	SCHWARZBECK	NSLK 8127	01073	2023-11-16	2024-11-15
LISN	AFJ	LS16/110VAC	16010020076	2023-02-23	2024-02-22
EMI Receiver	ROHDE&SCHWARZ	ESCI3	101422	2023-11-15	2024-11-14

Radiated emissions (Below 1GHz)					
Radiated emissions (Above 1GHz)					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Coaxial cable Multiflex 141	Schwarzbeck	N/SMA 0.5m	517386	2023-03-24	2024-03-23
Preamplifier	SCHWARZBECK	BBV9744	00246	/	/
RE Cable	REBES Talent	UF1-SMASMAM-10m	21101566	/	/
RE Cable	REBES Talent	UF2-NMNM-10m	21101570	/	/
RE Cable	REBES Talent	UF1-SMASMAM-1m	21101568	/	/
RE Cable	REBES Talent	UF2-NMNM-1m	21101576	/	/
RE Cable	REBES Talent	UF2-NMNM-2.5m	21101573	/	/
POSITIONAL CONTROLLER	SKET	PCI-GPIB	/	/	/
Horn Antenna	SCHWARZBECK	BBHA9170	01157	2023-11-13	2024-11-12
EMI TEST RECEIVER	ROHDE&SCHWARZ	ESCI7	101032	2023-11-16	2024-11-15
SIGNAL ANALYZER	ROHDE&SCHWARZ	FSQ40	100010	2023-11-16	2024-11-15
POSITIONAL CONTROLLER	SKET	PCI-GPIB	/	/	/
Broadband Preamplifier	SCHWARZBECK	BBV9718D	00008	2023-03-24	2024-03-23
Horn Antenna	SCHWARZBECK	BBHA9120D	2597	2022-05-22	2024-05-21
EZ EMC	Frad	FA-03A2 RE+	/	/	/
POSITIONAL CONTROLLER	SKET	PCI-GPIB	/	/	/
Log periodic antenna	SCHWARZBECK	VULB 9168	01328	2023-11-13	2024-11-12

## 4.2 Test Auxiliary Equipment

The EUT was tested as an independent device.

## 4.3 Test Modes

No.	Test Modes	Description
TM1	Charging+Video play	



## 5 Emission Test Results (EMI)

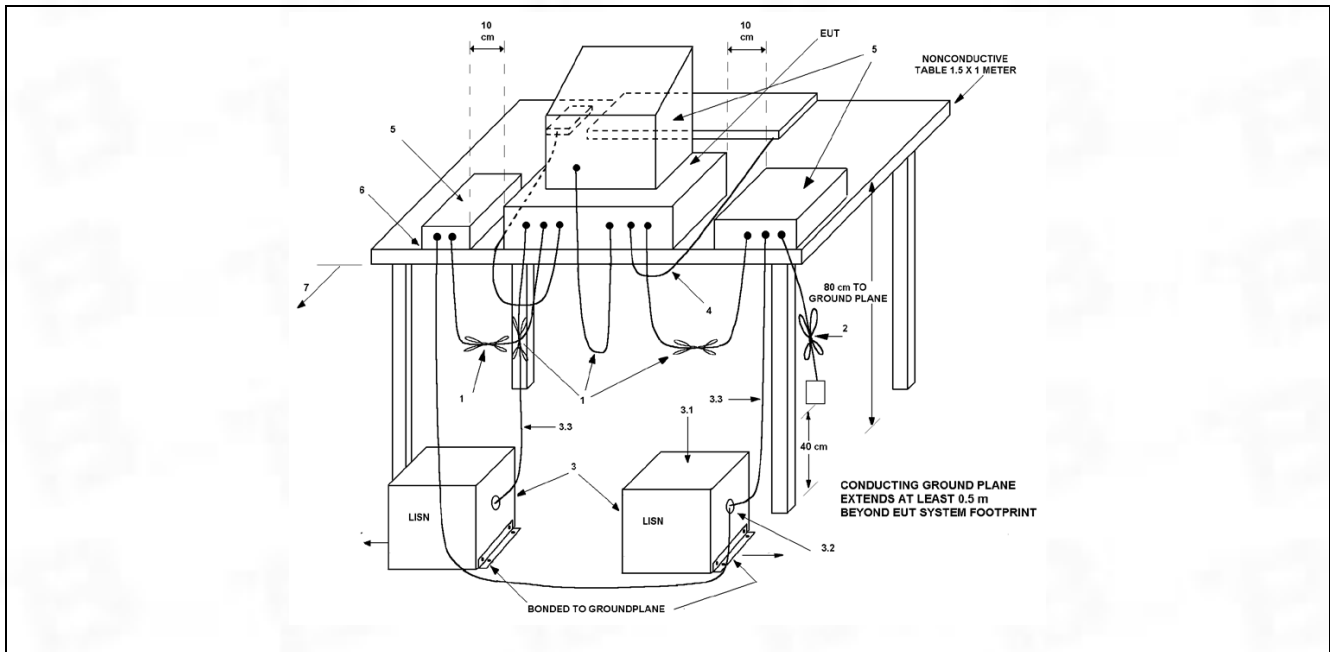
### 5.1 Conducted emissions on AC mains

Test Requirement:	15.107, Class B		
Test Method:	ANSI C63.4-2014 ANSI C63.4a-2017		
Test Limit:	<b>Frequency of emission (MHz)</b>	<b>Conducted limit (dB<math>\mu</math>V)</b>	
		<b>Quasi-peak</b>	<b>Average</b>
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
	*Decreases with the logarithm of the frequency.		
Procedure:	An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected. Remark: Level= Read Level+ Cable Loss+ LISN Factor		

#### 5.1.1 E.U.T. Operation:

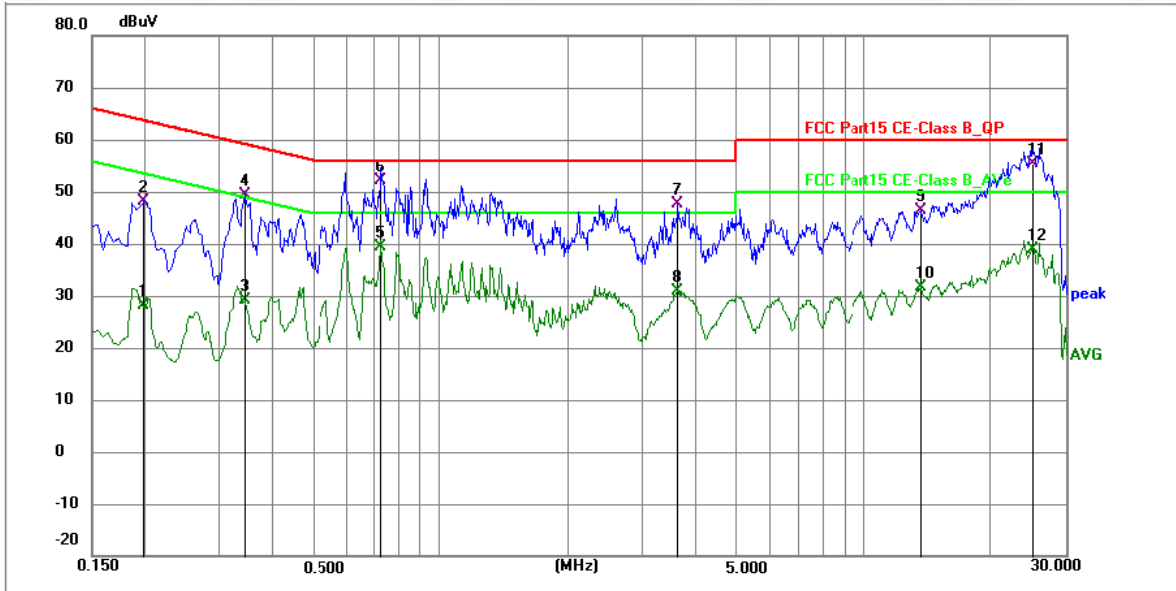
Operating Environment:	
Temperature:	22.1 °C
Humidity:	47.1 %
Atmospheric Pressure:	1010 mbar

#### 5.1.2 Test Setup Diagram:



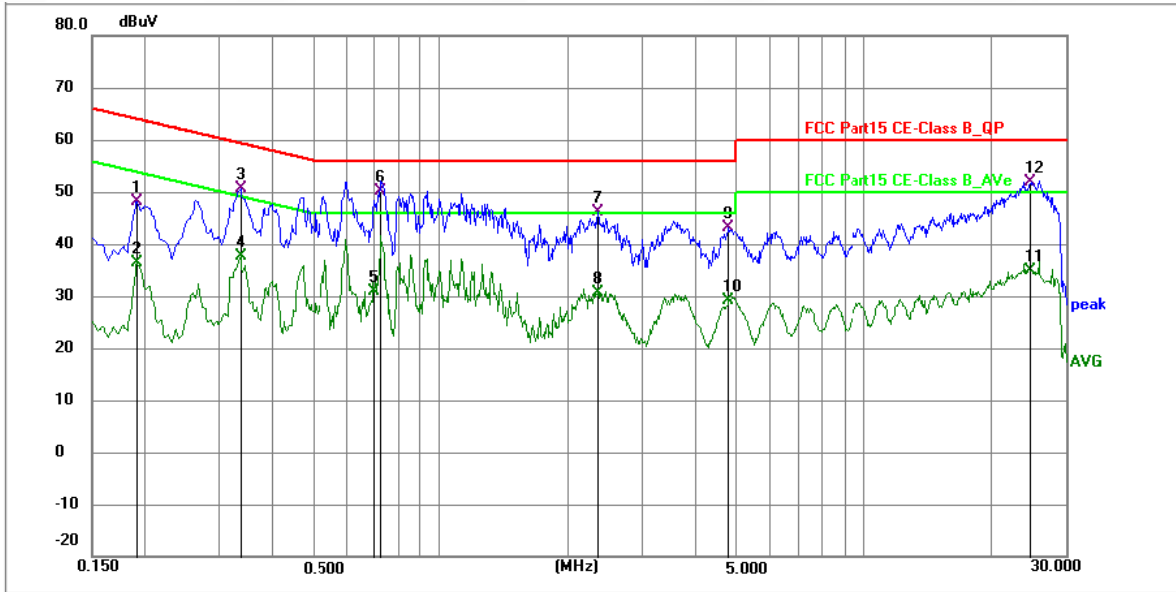
5.1.3 Test Data:

TM1 / Line: Line



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1975	17.49	10.56	28.05	53.72	-25.67	AVG	P	
2	0.1986	37.61	10.56	48.17	63.67	-15.50	QP	P	
3	0.3428	17.99	11.02	29.01	49.14	-20.13	AVG	P	
4	0.3435	38.28	11.02	49.30	59.12	-9.82	QP	P	
5	0.7215	28.57	10.93	39.50	46.00	-6.50	AVG	P	
6 *	0.7260	41.18	10.92	52.10	56.00	-3.90	QP	P	
7	3.6240	37.04	10.64	47.68	56.00	-8.32	QP	P	
8	3.6240	20.22	10.64	30.86	46.00	-15.14	AVG	P	
9	13.6410	35.48	10.91	46.39	60.00	-13.61	QP	P	
10	13.6410	20.60	10.91	31.51	50.00	-18.49	AVG	P	
11	25.1430	44.10	11.20	55.30	60.00	-4.70	QP	P	
12	25.1430	27.79	11.20	38.99	50.00	-11.01	AVG	P	

TM1 / Line: Neutral



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1905	37.61	10.54	48.15	64.01	-15.86	QP	P	
2	0.1905	25.72	10.54	36.26	54.01	-17.75	AVG	P	
3	0.3345	39.52	10.99	50.51	59.34	-8.83	QP	P	
4	0.3345	26.63	10.99	37.62	49.34	-11.72	AVG	P	
5	0.6990	19.95	11.00	30.95	46.00	-15.05	AVG	P	
6 *	0.7260	39.28	10.92	50.20	56.00	-5.80	QP	P	
7	2.3460	35.57	10.67	46.24	56.00	-9.76	QP	P	
8	2.3460	19.85	10.67	30.52	46.00	-15.48	AVG	P	
9	4.7850	32.42	10.72	43.14	56.00	-12.86	QP	P	
10	4.7850	18.30	10.72	29.02	46.00	-16.98	AVG	P	
11	24.6930	23.76	11.19	34.95	50.00	-15.05	AVG	P	
12	24.7919	40.74	11.20	51.94	60.00	-8.06	QP	P	

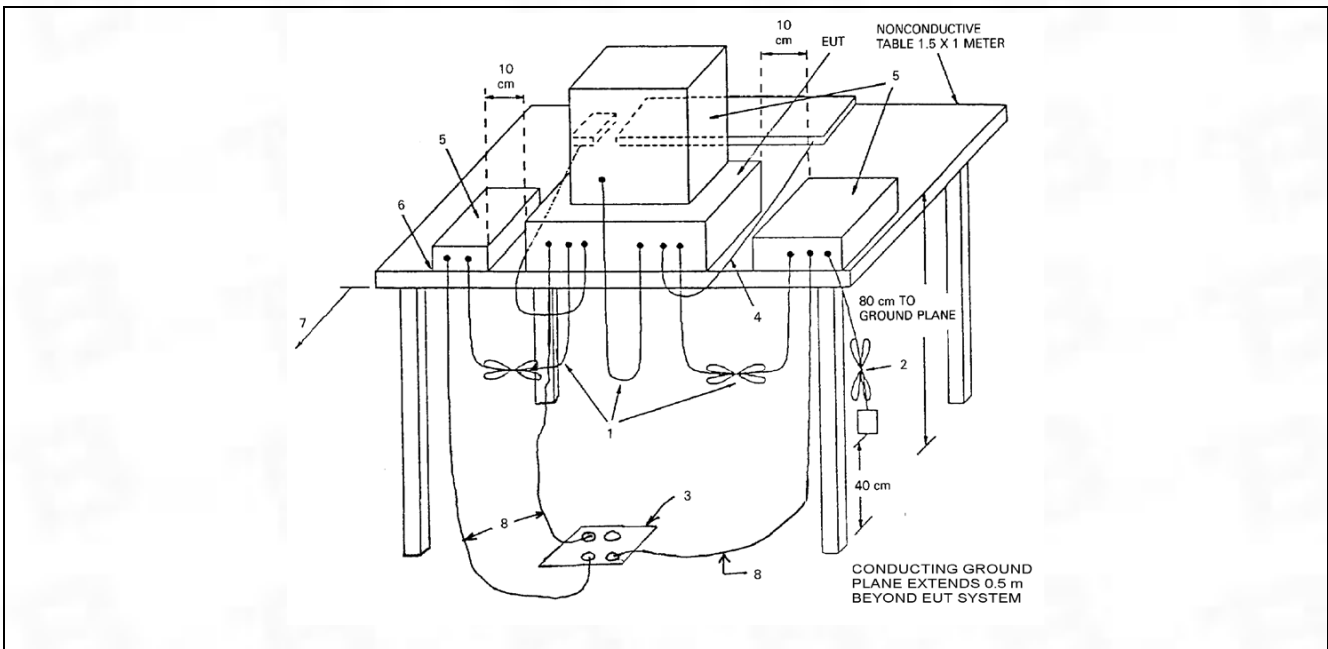
## 5.2 Radiated emissions (Below 1GHz)

Test Requirement:	15.109, Class B				
Test Method:	ANSI C63.4-2014 ANSI C63.4a-2017				
Test Limit:	Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:				
	Frequency of emission (MHz)	Field strength @3m		Field strength @10m	
		(uV/m)	(dBuV/m)	(uV/m)	(dBuV/m)
	30 – 88	100	40	30	29.5
	88 – 216	150	43.5	45	33.1
Above 960	500	54	150	43.5	
Procedure:	An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities. Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor				

### 5.2.1 E.U.T. Operation:

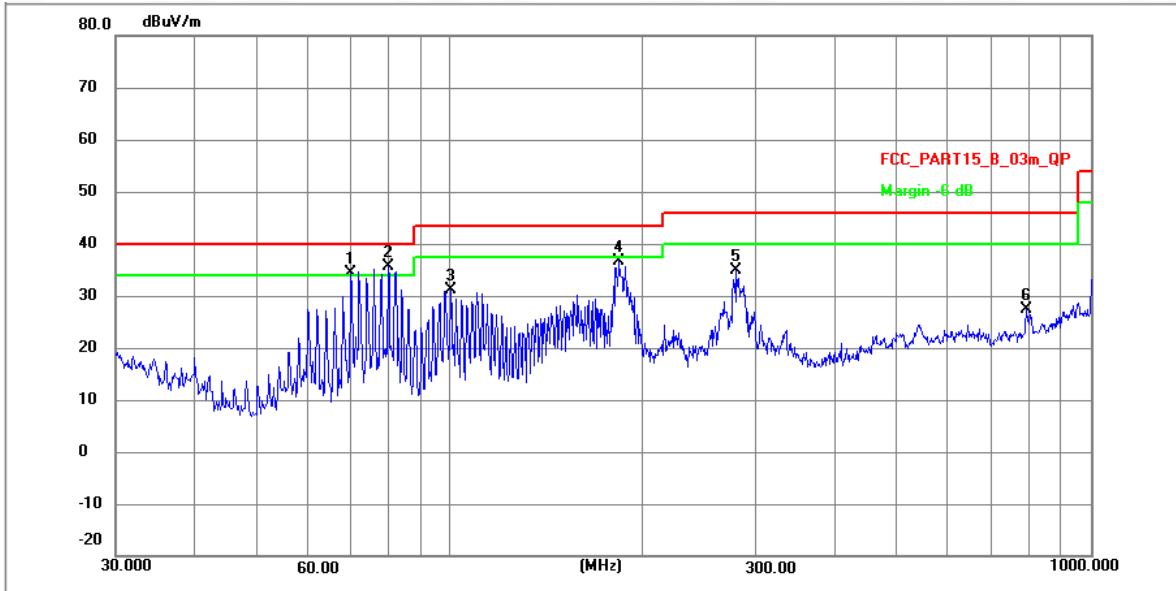
Operating Environment:	
Temperature:	22.1 °C
Humidity:	47.1 %
Atmospheric Pressure:	1010 mbar

### 5.2.2 Test Setup Diagram:



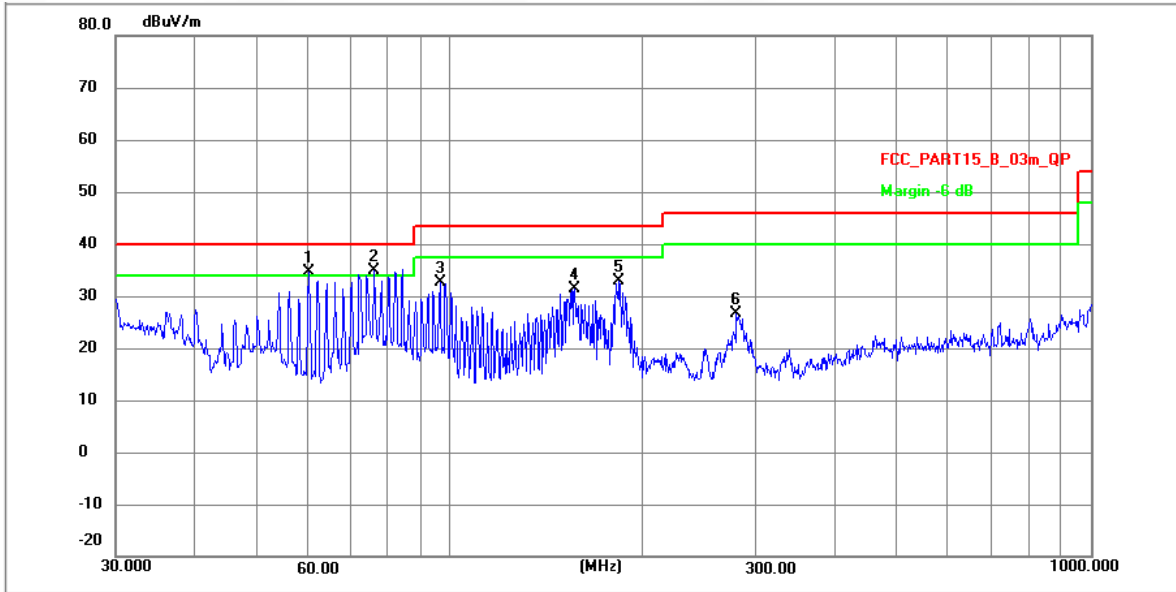
5.2.3 Test Data:

TM1 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 !	69.9675	52.37	-18.10	34.27	40.00	-5.73	peak	P
2 *	79.9402	53.64	-18.01	35.63	40.00	-4.37	peak	P
3	100.0530	59.45	-28.23	31.22	43.50	-12.28	peak	P
4	184.1665	64.13	-27.47	36.66	43.50	-6.84	peak	P
5	280.0237	60.42	-25.60	34.82	46.00	-11.18	peak	P
6	793.3960	51.09	-23.75	27.34	46.00	-18.66	peak	P

TM1 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 !	60.0690	54.88	-20.15	34.73	40.00	-5.27	peak	P
2 *	76.1105	54.84	-19.89	34.95	40.00	-5.05	peak	P
3	96.0985	61.54	-28.88	32.66	43.50	-10.84	peak	P
4	156.1836	59.16	-27.73	31.43	43.50	-12.07	peak	P
5	184.1665	60.29	-27.47	32.82	43.50	-10.68	peak	P
6	280.5151	52.16	-25.60	26.56	46.00	-19.44	peak	P

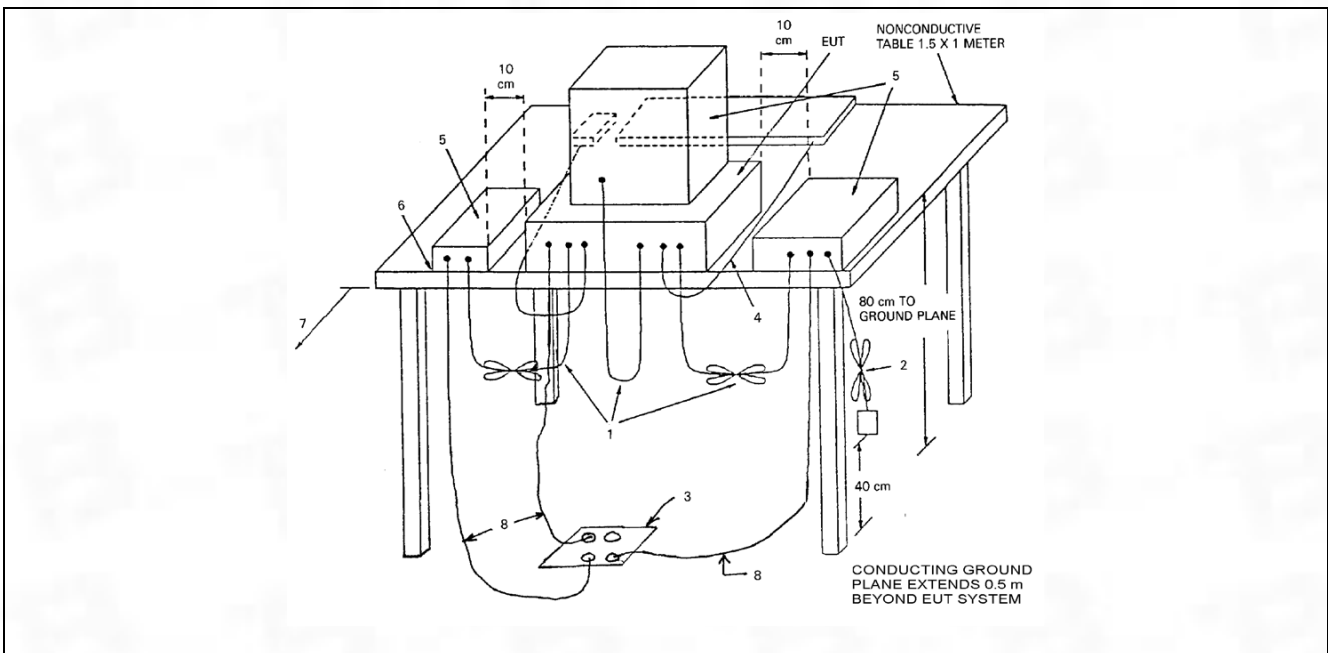
### 5.3 Radiated emissions (Above 1GHz)

Test Requirement:	15.109, Class B		
Test Method:	ANSI C63.4-2014 ANSI C63.4a-2017		
Test Limit:	<b>Frequency of emission (MHz)</b>	<b>Field strength @3m</b>	
		<b>Average (uV/m)</b>	<b>Average(d BuV/m)</b>
	Above 1GHz	500	54
Procedure:	An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. For below 1GHz test, Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities. For above 1GHz test, Average measurements were conducted based on the peak sweep graph. The EUT was measured by Horn antenna with 2 orthogonal polarities.		
	Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor		

#### 5.3.1 E.U.T. Operation:

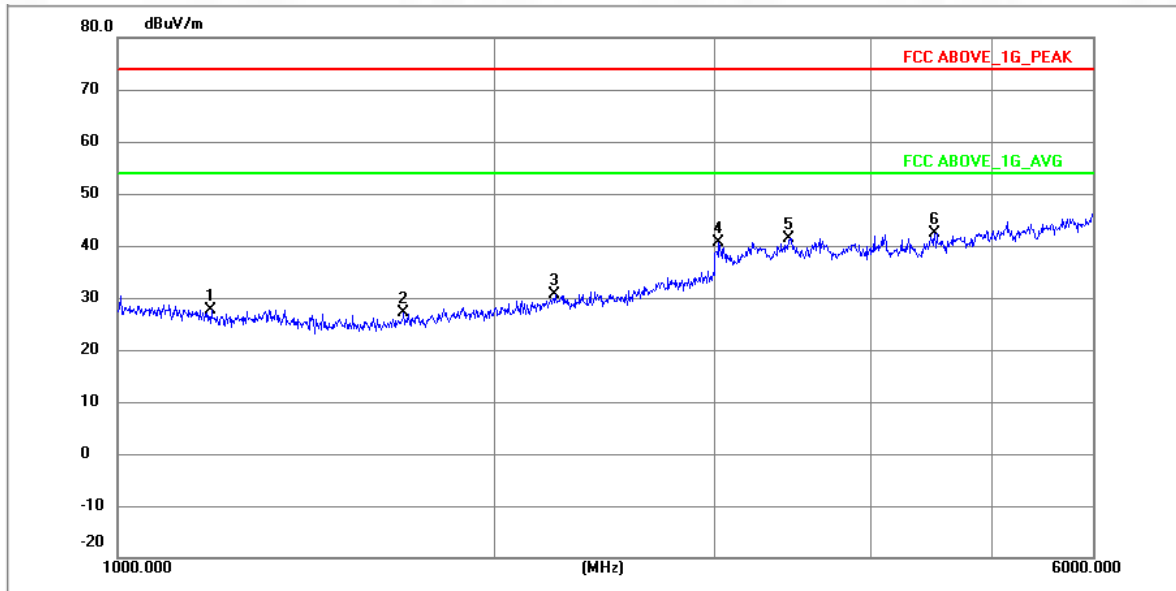
Operating Environment:	
Temperature:	22.1 °C
Humidity:	47.1 %
Atmospheric Pressure:	1010 mbar

#### 5.3.2 Test Setup Diagram:



### 5.3.3 Test Data:

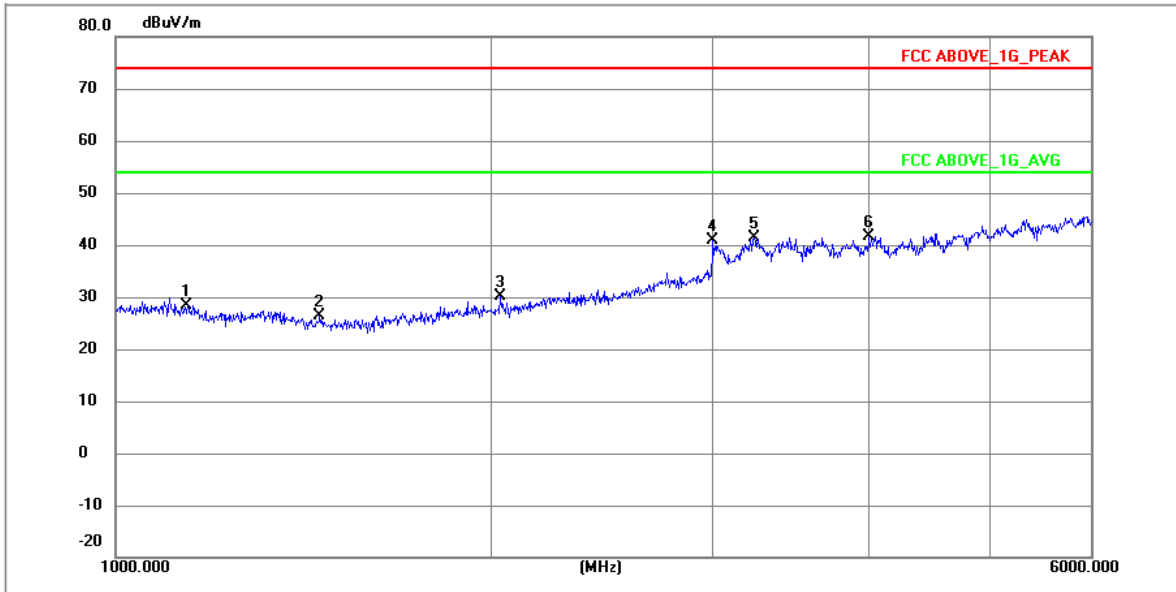
TM1 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1187.688	57.69	-30.00	27.69	74.00	-46.31	peak	P
2	1691.949	58.50	-31.40	27.10	74.00	-46.90	peak	P
3	2235.578	61.19	-30.67	30.52	74.00	-43.48	peak	P
4	3020.782	70.08	-29.50	40.58	74.00	-33.42	peak	P
5	3445.985	70.57	-29.10	41.47	74.00	-32.53	peak	P
6 *	4492.415	71.22	-28.79	42.43	74.00	-31.57	peak	P

TM1 / Polarization: Vertical

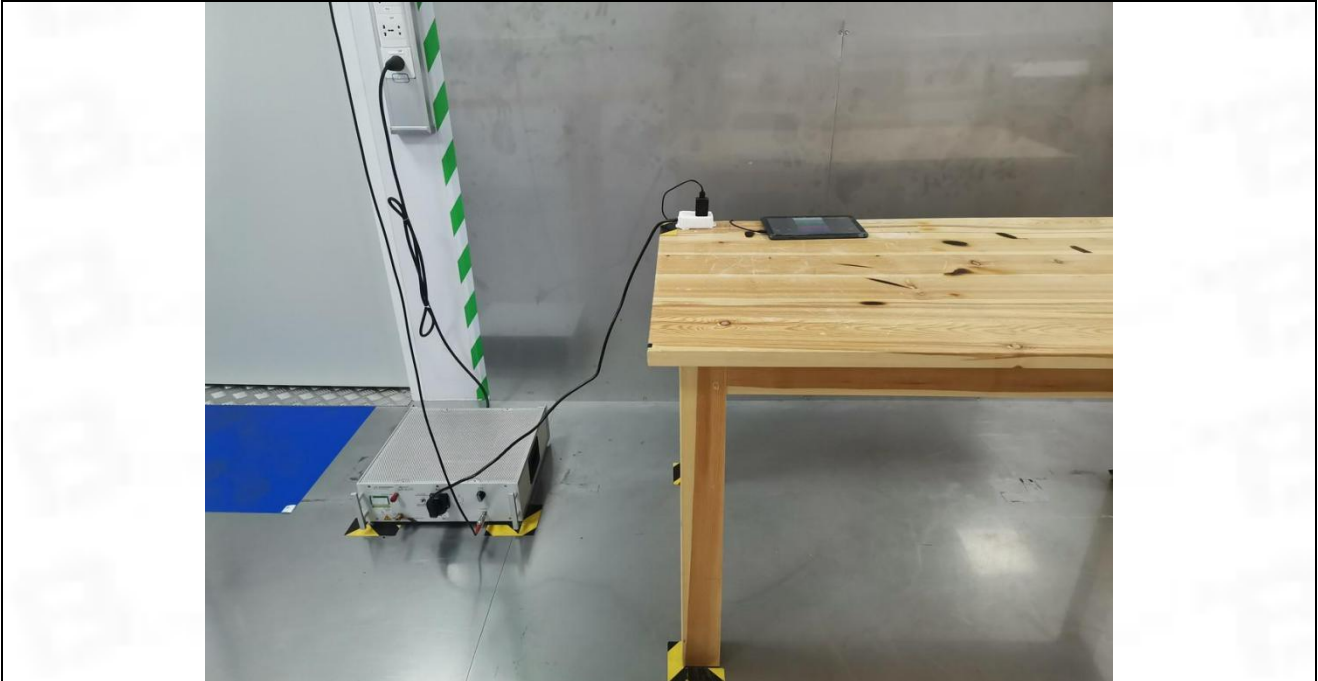




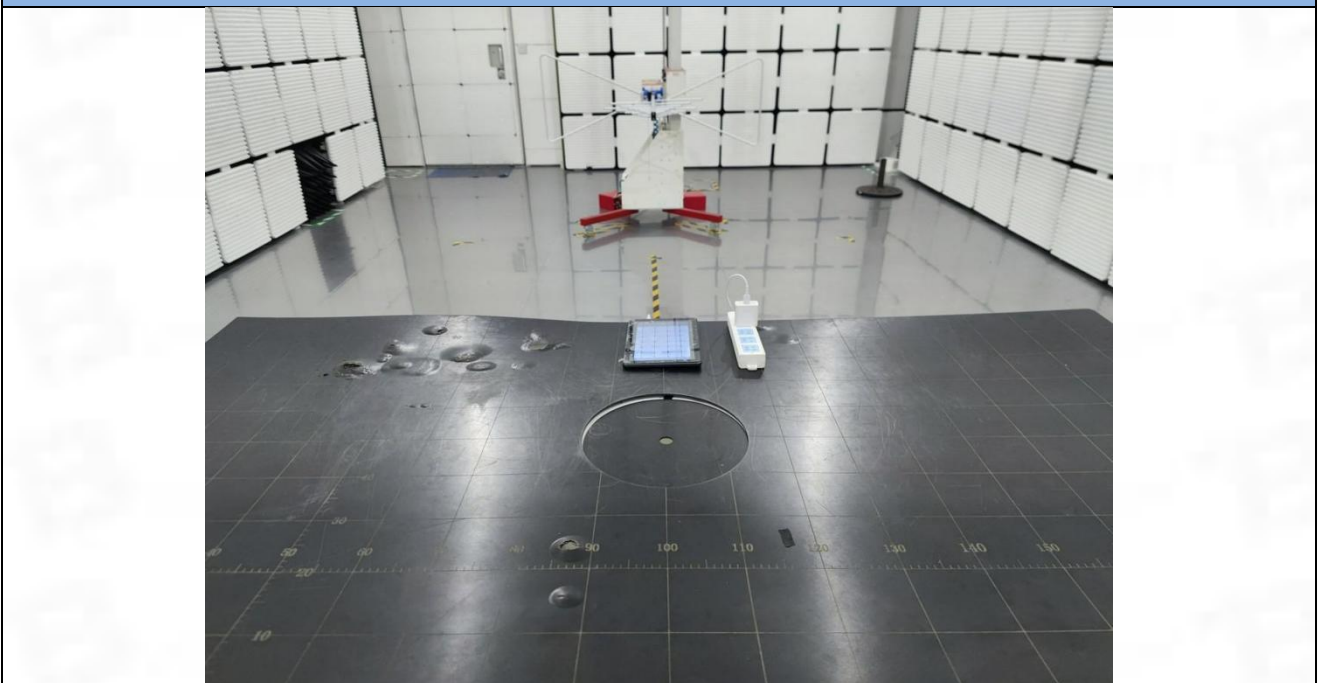
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1142.805	58.15	-29.75	28.40	74.00	-45.60	peak	P
2	1456.840	57.97	-31.47	26.50	74.00	-47.50	peak	P
3	2025.777	61.11	-30.90	30.21	74.00	-43.79	peak	P
4	3004.588	70.34	-29.51	40.83	74.00	-33.17	peak	P
5	3239.420	70.69	-29.29	41.40	74.00	-32.60	peak	P
6 *	3998.527	70.59	-29.00	41.59	74.00	-32.41	peak	P

## 6 Test Setup Photos

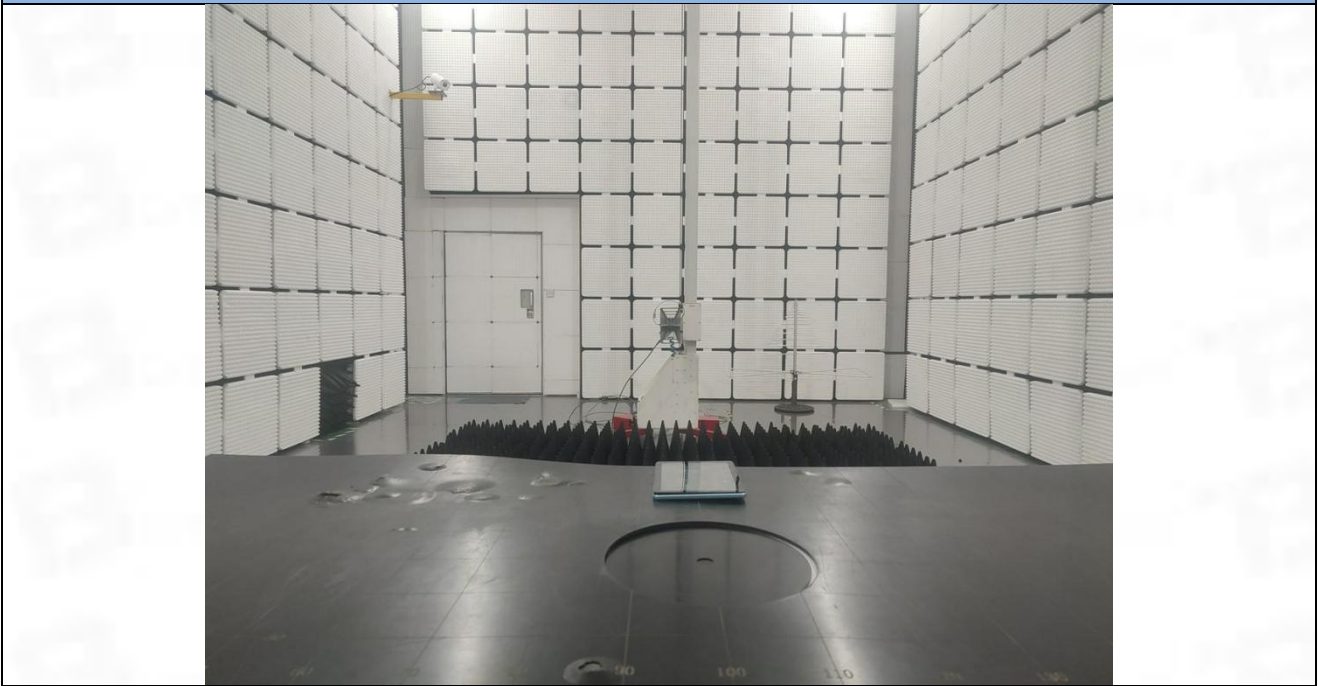
Conducted emissions on AC mains



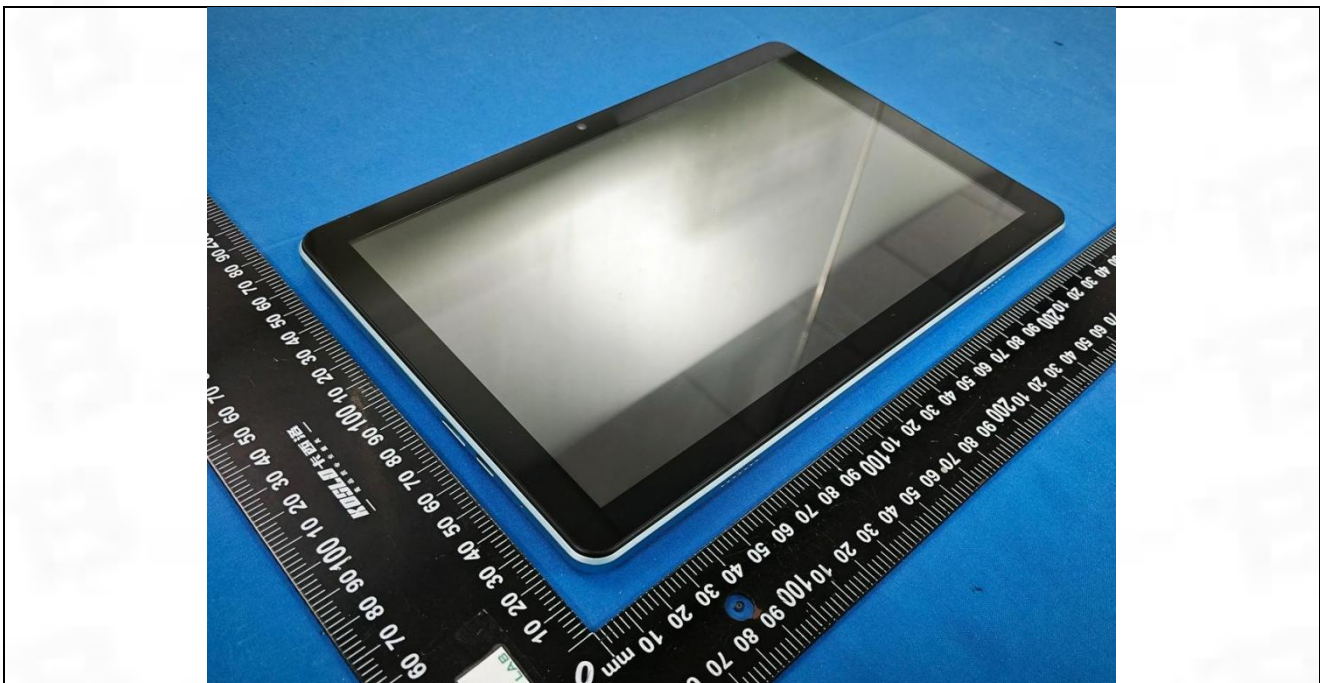
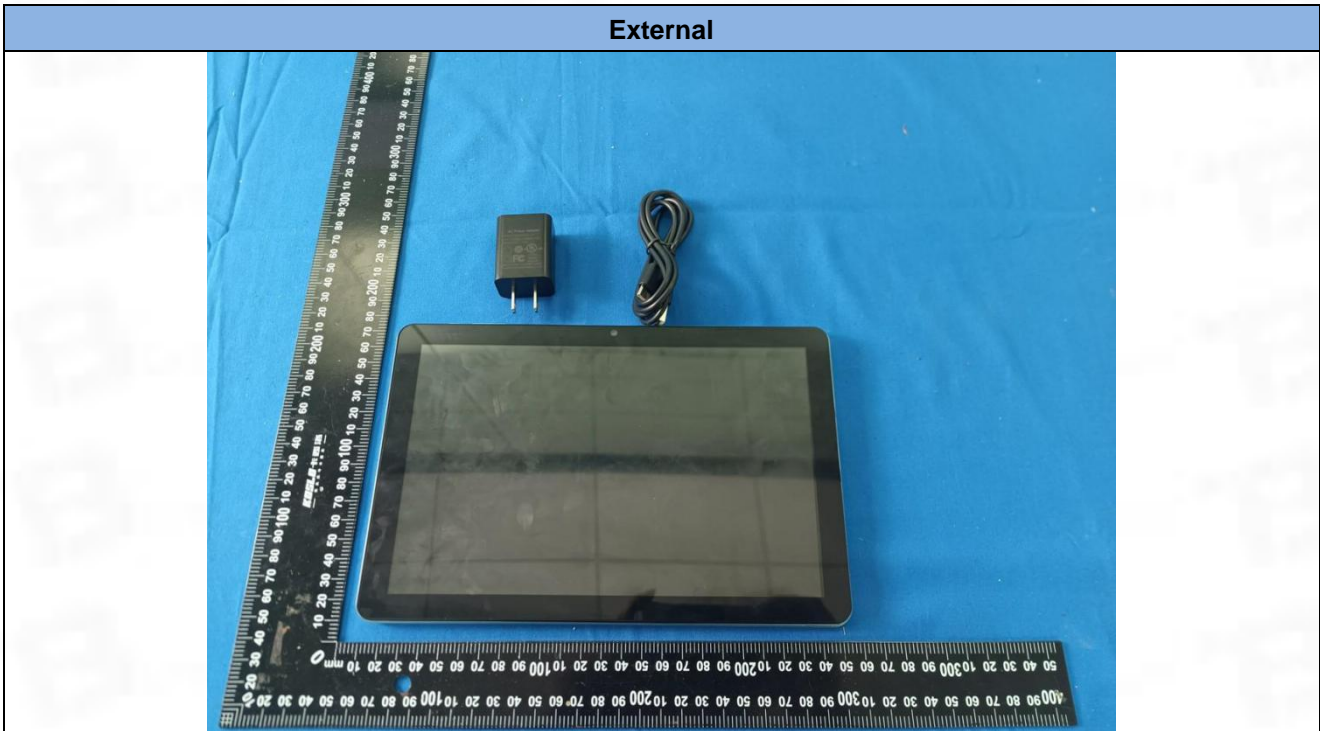
Radiated emissions (Below 1GHz)



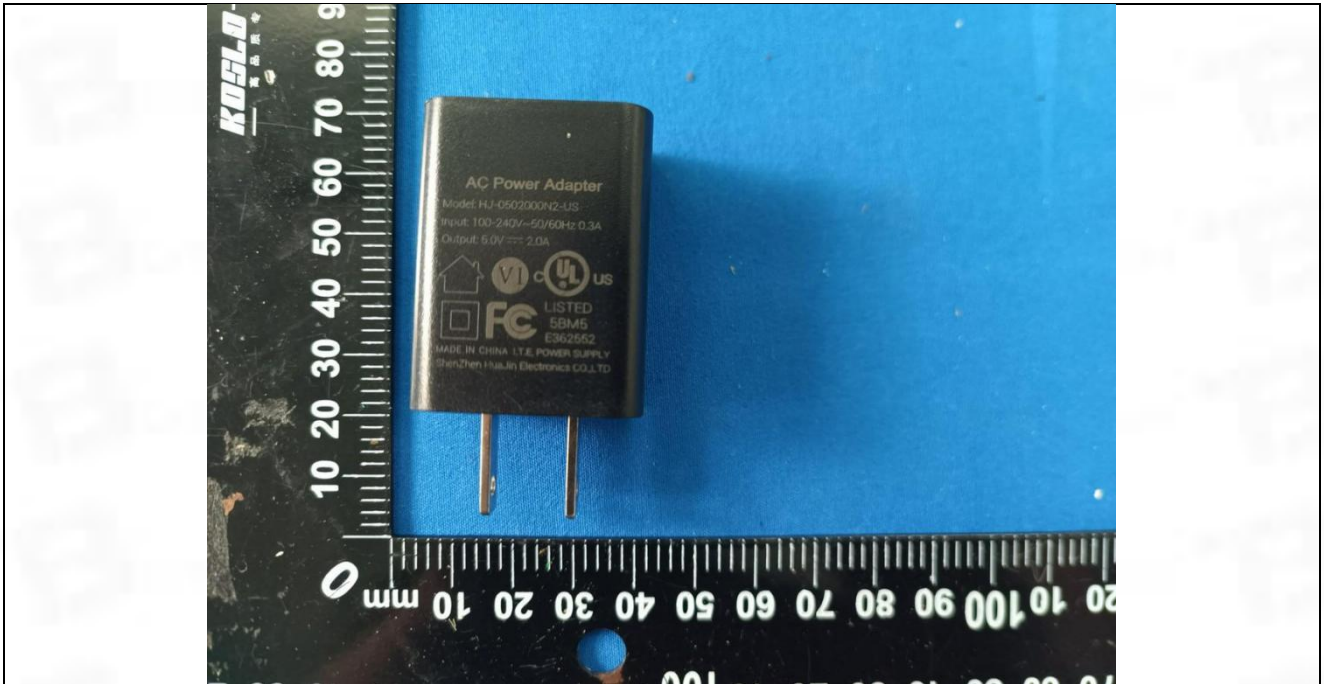
Radiated emissions (Above 1GHz)



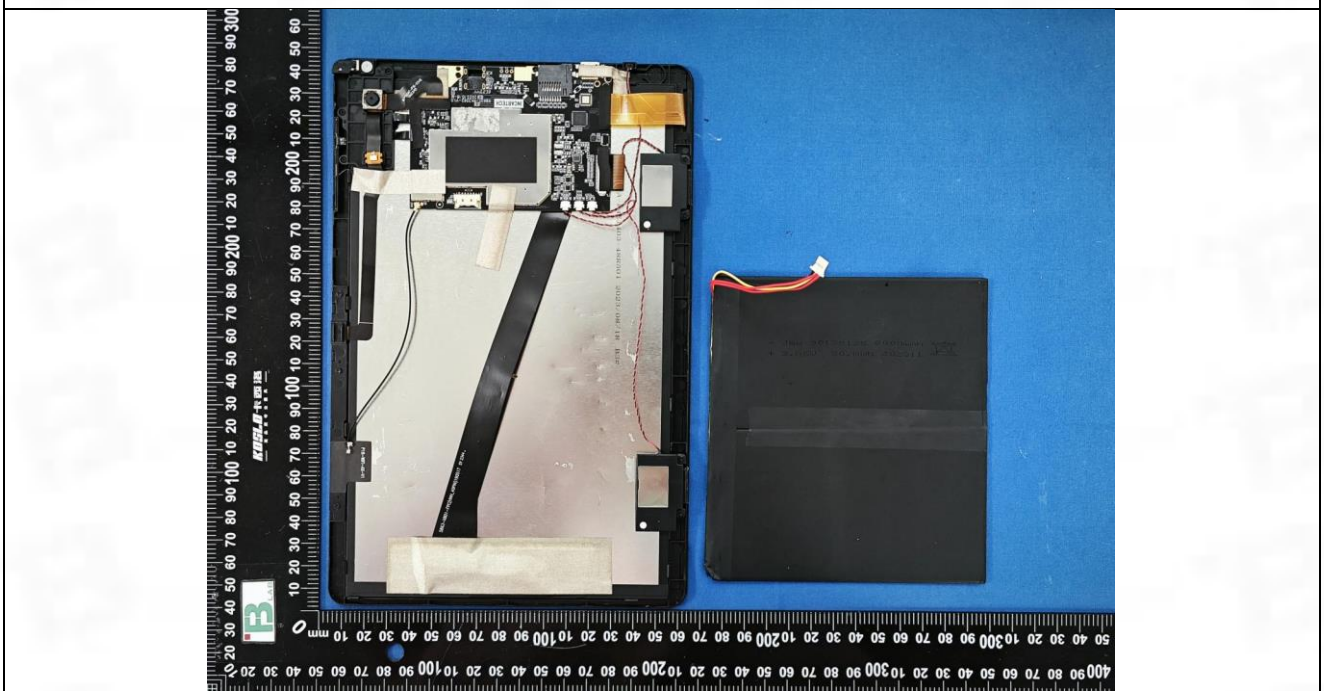
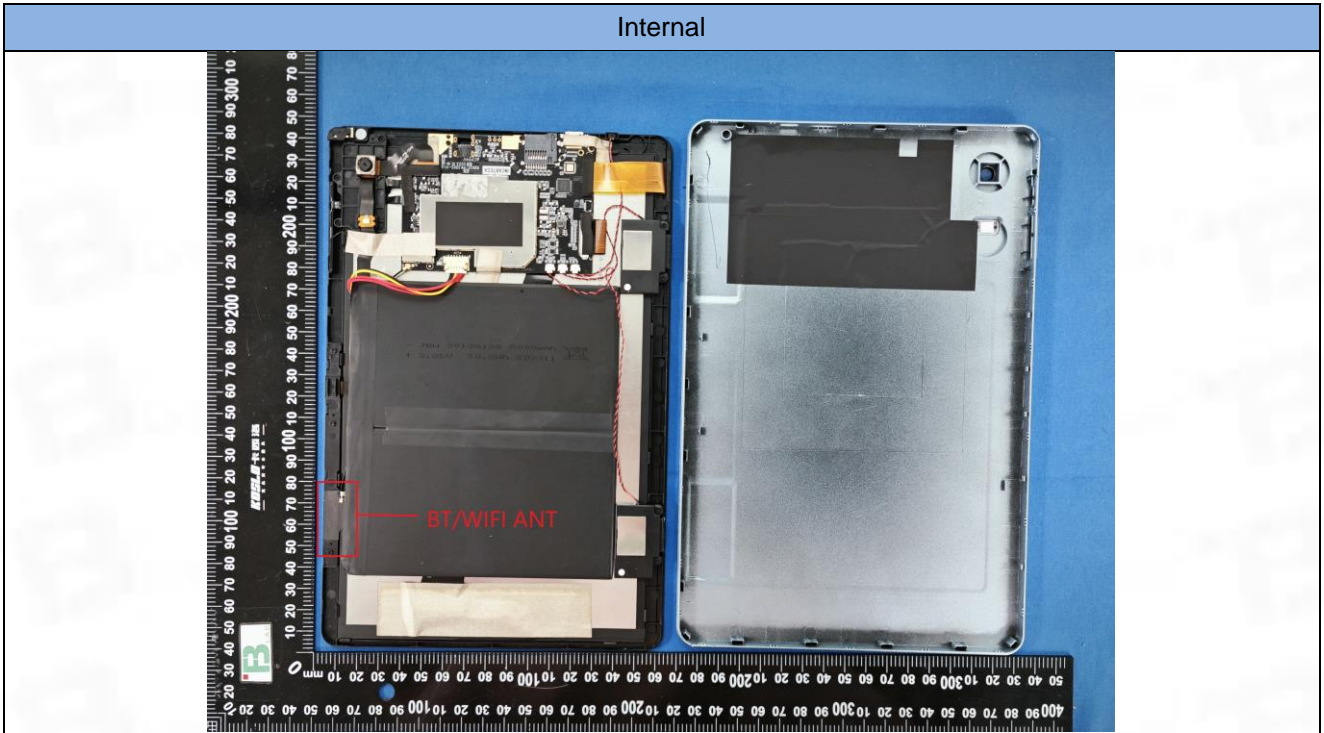
## 7 EUT Constructional Details (EUT Photos)

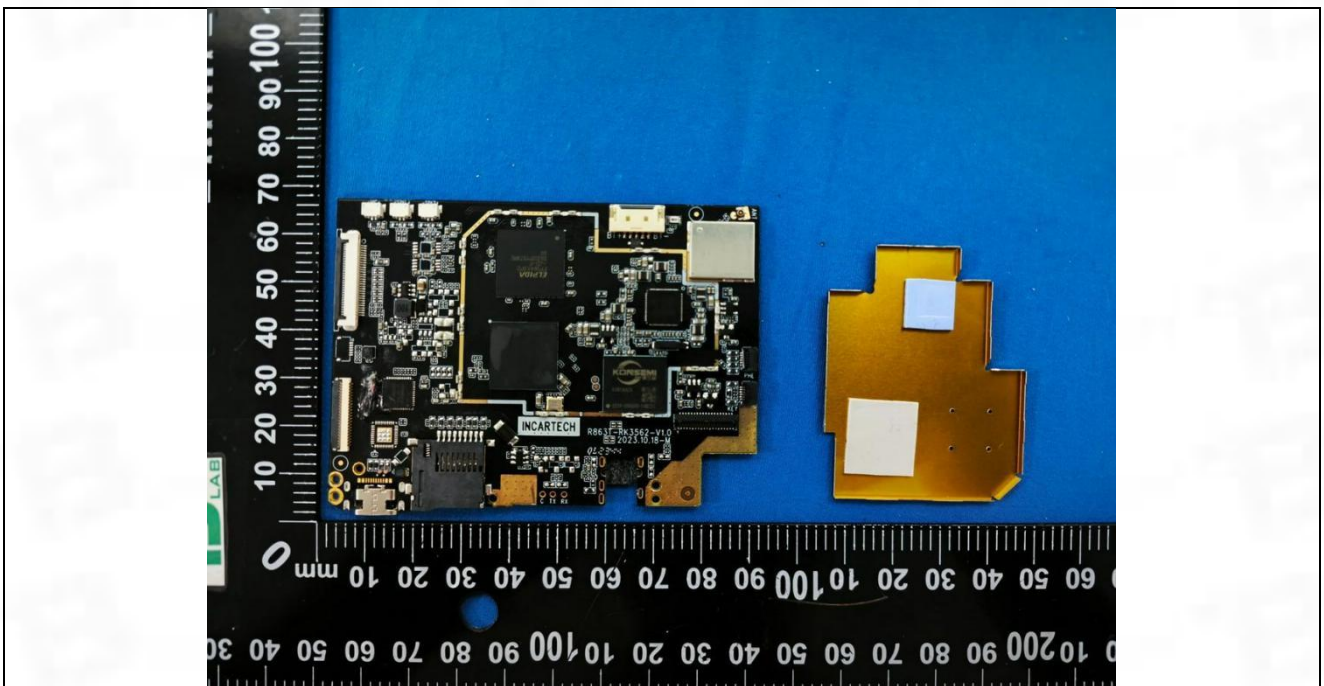
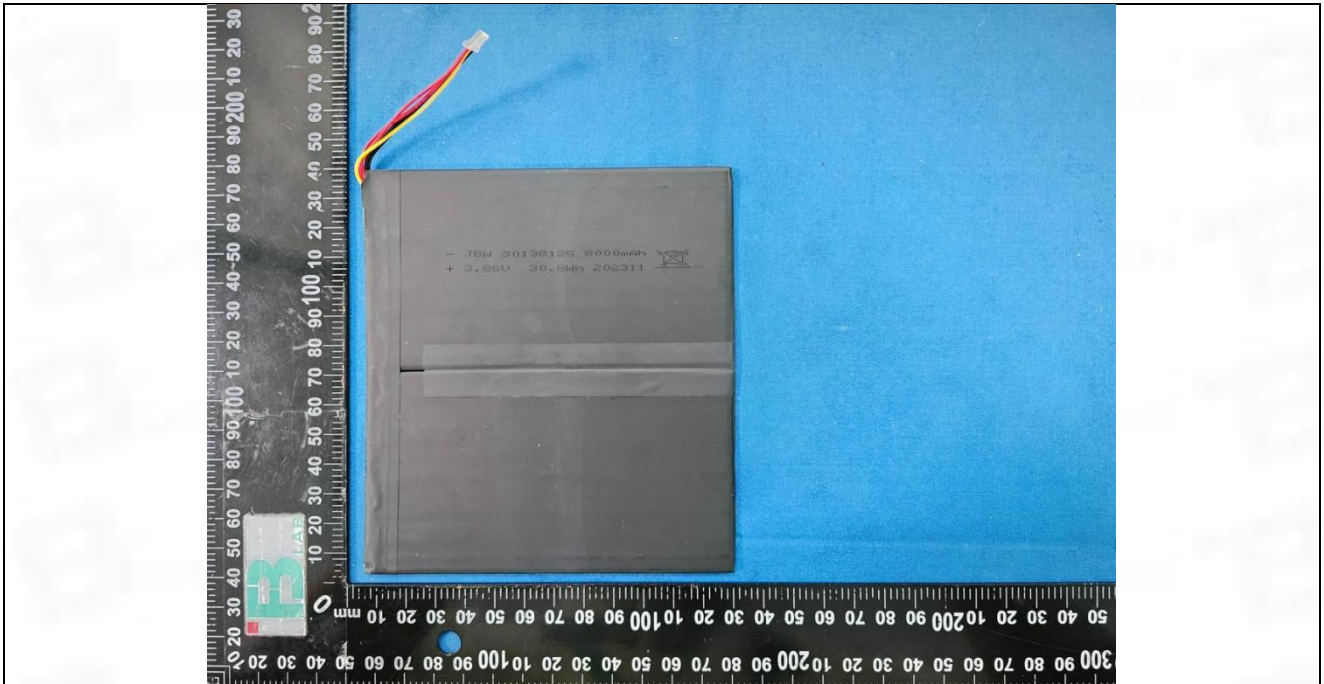




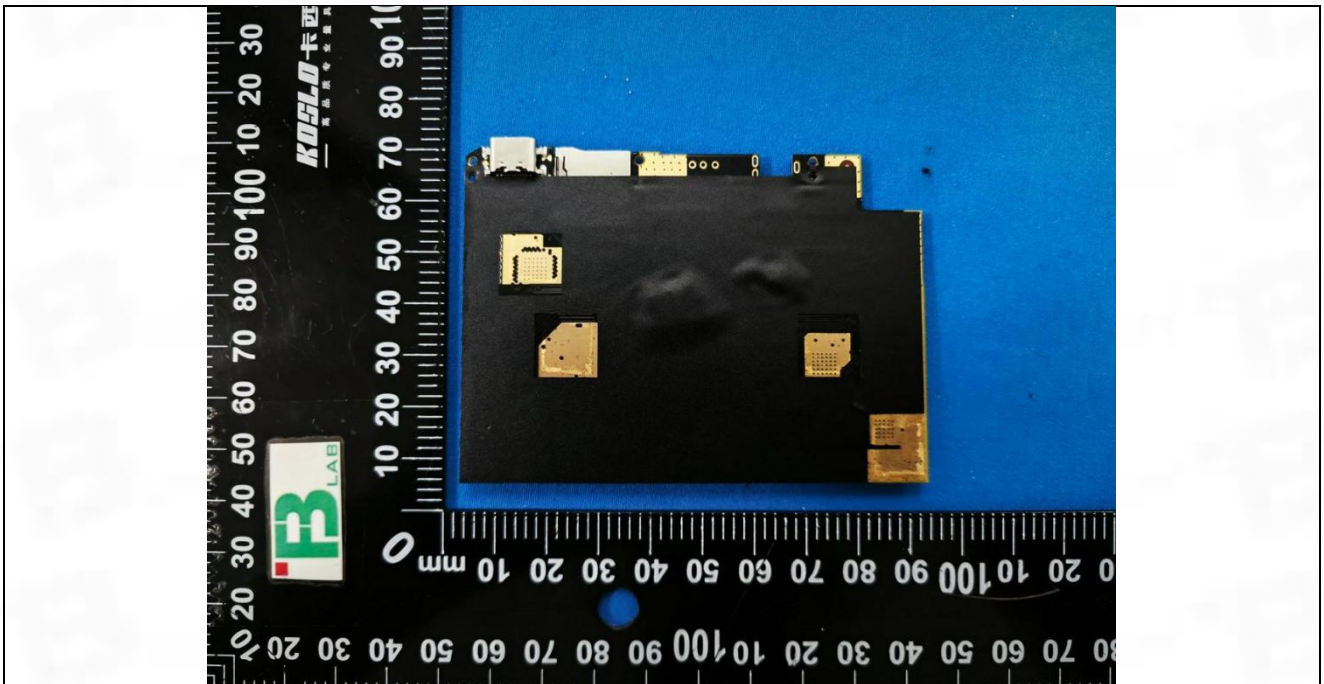
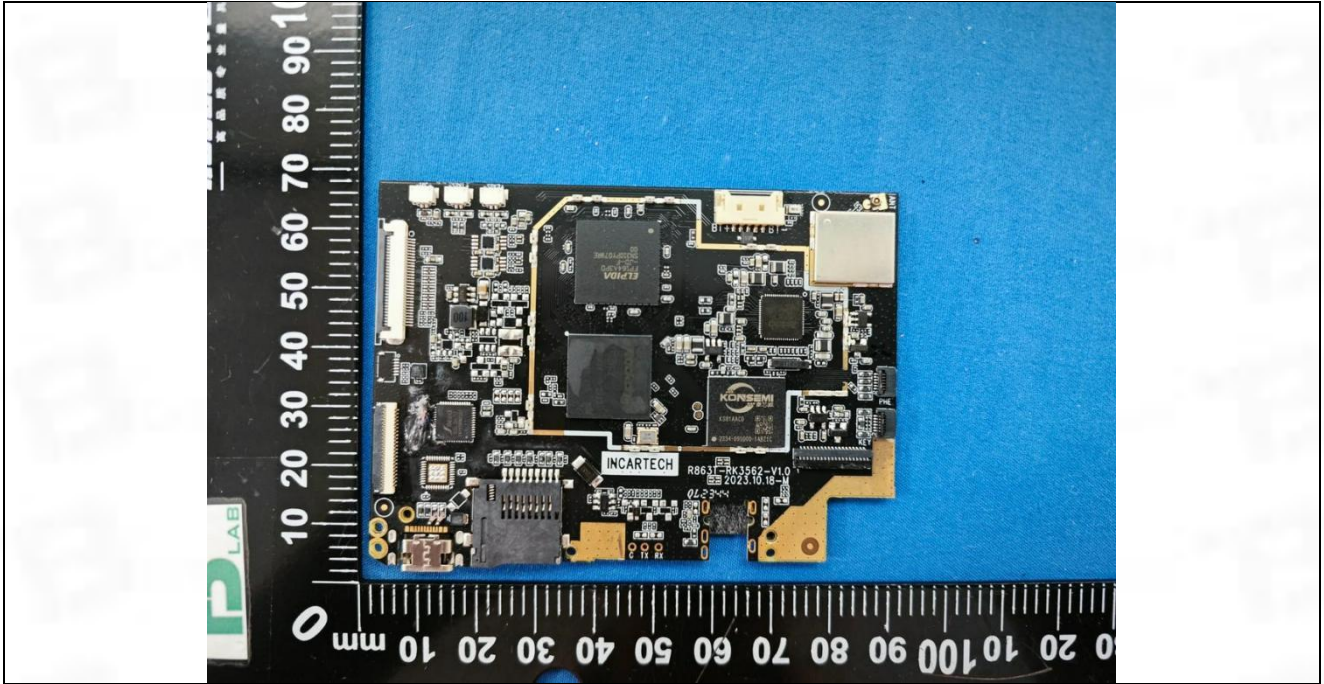


Internal











Test Report Number: BTF231127E00401



BTF Testing Lab (Shenzhen) Co., Ltd.

F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street,  
Bao'an District, Shenzhen, China

[www.btf-lab.com](http://www.btf-lab.com)

**-- END OF REPORT --**