



CE EMC TEST REPORT

for

Product: KidsTablet

Model: Q88, C1, C3, C5, C6, C8, C9, Q80, K1, K2, K3, K4, K5, K6, K7, K8, K9, T1, T4, T5, T6, T7, T9, T8

Report No.: PTC26011002301E-EM08

Issued for

**Shenzhen Bu Dong Feng Technology Co., Ltd
204, Factory building 2, No. 16 Kangzheng Road, Danzhutou Community,
Nanwan Street, Longgang District, Shenzhen**

Issued by

**Precise Testing & Certification (Guangdong) Co., Ltd.
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong,
China.**

TEL: +86-769-3880 8222

FAX: +86-769-3882 6111

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1. TEST CERTIFICATION

Product:	KidsTablet
Model:	Q88,C1,C3,C5,C6,C8,C9,Q80,K1,K2,K3,K4,K5,K6,K7,K8,K9,T1,T4,T5,T6,T7,T9,T8
Applicant :	Shenzhen Bu Dong Feng Technology Co., Ltd
Address:	204, Factory building 2, No. 16 Kangzheng Road, Danzhutou Community, Nanwan Street, Longgang District, Shenzhen
Manufacturer:	Shenzhen Bu Dong Feng Technology Co., Ltd
Address:	204, Factory building 2, No. 16 Kangzheng Road, Danzhutou Community, Nanwan Street, Longgang District, Shenzhen
Factory:	Shenzhen Bu Dong Feng Technology Co., Ltd
Address:	204, Factory building 2, No. 16 Kangzheng Road, Danzhutou Community, Nanwan Street, Longgang District, Shenzhen
Test Date:	January 16, 2026 to January 31, 2026
Issued Date:	February 10, 2026
Test Voltage:	DC20V (from adapter)
Applicable Standards:	EMC Directive 2014/30/EU EN 55032:2015+A11:2020+A1:2020 EN 55035: 2017+A11:2020 EN IEC 61000-3-2:2019+A1:2021+A2:2024 EN 61000-3-3:2013+A1:2019+A2:2021

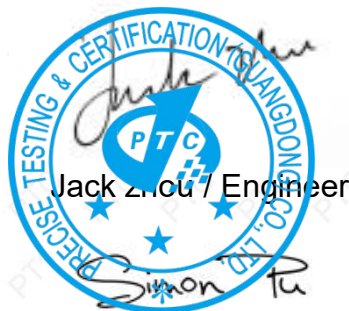


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The above equipment has been tested by Precise Testing & Certification (Guangdong) Co., Ltd. and found compliance with the requirements in the technical standards mentioned above. The test results presented in this report only relate to the product/system tested. The Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Test Engineer:

Technical Manager:



Simon Pu / Manager



2. TEST SUMMARY

EMISSION			
Standard	Item	Result	Remarks
EN 55032:2015+A11:2020+A1:2020	Conducted emission (Mains Port)	PASS	Meet Class B limit
	Radiated emission	PASS	Meet Class B limit
EN IEC 61000-3-2:2019+A1:2021+A2:2024	Harmonic current emissions	N/A	N/A
EN 61000-3-3:2013+A1:2019+A2:2021	Voltage fluctuations & flicker	N/A	N/A

IMMUNITY			
Standard	Item	Result	Remarks
IEC 61000-4-2:2008	ESD	PASS	Complied with the requirements
IEC 61000-4-3:2006+A1:2008+A2:2010	RS	PASS	Complied with the requirements
IEC 61000-4-4:2012	EFT	N/A	N/A
IEC 61000-4-5:2005	Surge	N/A	N/A
IEC 61000-4-6:2008	CS	N/A	N/A
IEC 61000-4-8:2009	PFMF	N/A	N/A
IEC 61000-4-11:2004	Voltage dips & voltage variations	N/A	N/A

Note: 1) The test result verdict is decided by the limit of test standard.

2) The information of measurement uncertainty is available upon the customer's request.



3. TEST SITE

3.1. TEST FACILITY

Precise Testing & Certification (Guangdong) Co., Ltd.

Address: Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China.

☆ CNAS Registration No.: CNAS L5772

☆ FCC Registration No.: 790290

☆ A2LA Certificate No.: 4408.01

☆ IC Registration No.: 12191A

3.2. MEASUREMENT UNCERTAINTY

Parameter	U_{lab}	U_{cispr}
Temperature	$\pm 1^{\circ} C$	-
Humidity	$\pm 5\%$	-
DC and Low Frequency Voltages	$\pm 3\%$	-
Conducted Emission(9KHz-150KHz)	$\pm 3.60dB$	$\pm 3.80dB$
Conducted Emission(9KHz-30MHz)	$\pm 3.60dB$	$\pm 3.40dB$
Conducted Emission(Control port)	$\pm 3.46dB$	$\pm 5.00dB$
Disturbance Power	$\pm 3.68dB$	$\pm 4.50dB$
Loop	$\pm 4.02dB$	$\pm 3.30dB$
Radiated Emission(30MHz-1GHz)	$\pm 4.76dB$	$\pm 6.30dB$
Radiated Emission (1GHz-6GHz)	$\pm 4.44dB$	$\pm 5.20dB$
Radiated Emission (6GHz-18GHz)	$\pm 4.44dB$	$\pm 5.50dB$

Note 1: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

3.3. DECISION RULE

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.
2. The U_{lab} is less than U_{cispr} , compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; non-compliance is deemed to occur if any



measured disturbance level exceeds the disturbance limit.

3. For conducted emission test of laboratory have a measurement uncertainty greater than that specified in harmonized standard, this equipment can still be used provided that an adjustment is made follows: any additional uncertainty in the test system over and above that specified in harmonized standard should be used to tighten the test requirements-making the test harder to pass. This procedure will ensure that a test system not compliant with harmonized standard does not increase the probability of passing a EUT that would otherwise have failed a test if a test system compliant with harmonized standard had been used.

3.4. LIST OF TEST AND MEASUREMENT INSTRUMENTS

3.4.1. For conducted emission at the mains terminals test

Name of Equipment	Manufacturer	Model	Serial No.	Last Cal.	Calibration Interval
EMI Test Receiver	Rohde&Schwarz	ESCI3	101417	Aug. 14,2025	1 Year
Artificial Mains Network	Rohde&Schwarz	ENV216	101342	Aug. 14,2025	1 Year
ISN	Rohde&Schwarz	ENY81	100118	Aug. 14,2025	1 Year
ISN	Rohde&Schwarz	NTFM8158	00252	Aug. 14,2025	1 Year
Test S/W	Tonscend	JS32-CE/4.0.0.3			

3.4.2. For radiated emission test (30MHz-1GHz)

Name of Equipment	Manufacturer	Model	Serial No.	Last Cal.	Calibration Interval
EMI Test Receiver	Rohde&Schwarz	ESPI7	101671	Aug. 14,2025	1 Year
Bilog Antenna	SCHWARZBECK	VULB 9160	9160-3355	Aug. 14,2025	1 Year
Preamplifier (low frequency)	SCHWARZBECK	BBV 9745	9745-0013	Aug. 14,2025	1 Year
Test S/W	Tonscend	JS32-RE/4.0.0.0			

**3.4.3. For radiated emission test (1GHz above)**

Name of Equipment	Manufacturer	Model	Serial No.	Last Cal.	Calibration Interval
Spectrum Analyzer	Rohde&Schwarz	FSVR40	6625-01-588-5515	Aug. 14,2025	1 Year
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1246	Aug. 14,2025	1 Year
High NOISE AMPLIFIER	ZHINAN	ZN3380C	15002	Aug. 14,2025	1 Year
Test S/W	Tonscend	JS32-RE/4.0.0.0			

3.4.4. For harmonic current emissions and voltage fluctuations/flicker test

Name of Equipment	Manufacturer	Model	Serial No.	Last Cal.	Calibration Interval
Harmonics / Flicker Test System	California Instruments	CTS/PACS-1-115	1534A00401	Aug. 14,2025	1 Year
AC Power Source	California Instruments	3001IX-208-CTS	1534A00401	Aug. 14,2025	1 Year
Test S/W	AMETEK	CTS 4			

3.4.5. For electrostatic discharge immunity test

Name of Equipment	Manufacturer	Model	Serial No.	Last Cal.	Calibration Interval
ESD Generator	SCHLODER	SESD216	606137	Aug. 14,2025	1 Year

3.4.6. For radio frequency electromagnetic field immunity (R/S) test

Name of Equipment	Manufacturer	Model	Serial No.	Last Cal.	Calibration Interval
Power meter	Agilent	E4419B	GB42421440	Aug. 14,2025	1 Year
Isotropic Field Probe	Narda	EP-601	611WX80275	Aug. 14,2025	1 Year
Amplifier	SKET	HAP_801000M-250W	201811050	Aug. 14,2025	1 Year



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Amplifier	SKET	HAP_0103G-75W	201811051	Aug. 14,2025	1 Year
Amplifier	SKET	HAP_0306G-20W	201811052	Aug. 14,2025	1 Year
Log-periodic Antenna	SKET	ZDSZ-80T1000M-231	SKT231015	Aug. 14,2025	1 Year
Log-periodic Antenna	SKET	ZDSZ-1T6G-232	SKT232079	Aug. 14,2025	1 Year

3.4.7. For electrical fast transient/burst immunity test

Name of Equipment	Manufacturer	Model	Serial No.	Last Cal.	Calibration Interval
EFT Tester	HTEC	HCOMPACT52	190901	Aug. 14,2025	1 Year
EFT Coupling Clamp	HTEC	HEFT 51-C	1416011	Aug. 14,2025	1 Year

3.4.8. For surge immunity test

Name of Equipment	Manufacturer	Model	Serial No.	Last Cal.	Calibration Interval
Surge Tester	HTEC	HCWG 71	174302	Aug. 14,2025	1 Year
Surge Tester	HTEC	TCOMB 4	142103	Aug. 14,2025	1 Year
Surge Tester	HTEC	HTSG 70	175002	Aug. 14,2025	1 Year

3.4.9. For injected currents

Name of Equipment	Manufacturer	Model	Serial No.	Last Cal.	Calibration Interval
C/S Test System	SCHLODER	CDG-6000-25	126A1279/2014	Aug. 14,2025	1 Year
Coupling Decoupling Network	SCHLODER	CDN-M2+3	A2210251/2013	Aug. 14,2025	1 Year
Coupling/decoupling network	SCHLODER	CMCL-20	180901961-020 1	Aug. 14,2025	1 Year
Test S/W	SCHLODER	CDG/1.0.0.0			

**3.4.10. For power frequency magnetic field immunity test**

Name of Equipment	Manufacturer	Model	Serial No.	Last Cal.	Calibration Interval
Magnetic Field Tester	HTEC	HMFG-100	HMFG-100	Aug. 14,2025	1 Year

3.4.11. For voltage dips and short interruptions immunity test

Name of Equipment	Manufacturer	Model	Serial No.	Last Cal.	Calibration Interval
Dips Tester	HTEC	HV1P16T	170901	Aug. 14,2025	1 Year



4. EUT DESCRIPTION

Product	KidsTablet
Model	Q88
Additional model	C1,C3,C5,C6,C8,C9,Q80,K1,K2,K3,K4,K5,K6,K7,K8,K9,T1,T4,T5,T6,T7,T9,T8
Supplied Voltage	DC20V 5A
Power	N/A

I/O PORT

I/O PORT TYPES	Q'TY	TESTED WITH
AC Port	1	☐
DC Port	1	☒

Models Difference

Model coverage: The differences between the main inspection model and this one are as follows: only the exterior color and camera position differ.

5. TEST METHODOLOGY

5.1. TEST MODE

The EUT was tested together with the thereafter additional components, and a configuration, which produced the worst emission levels, was selected and recorded in this report.

The following test mode(s) were assessed.

Test Items		Test Mode
Emission	Conducted Emission	Working
	Radiated Emission	Working
	Harmonic current emissions	N/A
	Voltage fluctuations & flicker	N/A
Immunity	ESD	Working
	RS	Working
	EFT	N/A
	Surge	N/A
	C/S	N/A
	PFMF	N/A
	Dips	N/A

5.2. EUT SYSTEM OPERATION

1. Set up EUT with the support equipment.
2. Make sure the EUT work normally during the test.



6. SETUP OF EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF SUPPORT UNITS

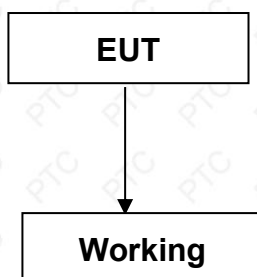
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Equipment	Model	Serial No.	FCC ID	Trade Name	Data Cable	Power Cord
1.	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: 1) All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.

2) Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

6.2. CONFIGURATION OF SYSTEM UNDER TEST



(EUT: KidsTablet)



7. EMISSION TEST

7.1. CONDUCTED EMISSION MEASUREMENT

7.1.1. LIMITS

FREQUENCY (MHz)	Class A		Class B	
	Quasi-peak dB(μ V)	Average dB(μ V)	Quasi-peak dB(μ V)	Average dB(μ V)
0.15 - 0.5	79	66	66-56	56-46
0.5 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

Note: 1) The lower limit shall apply at the transition frequencies.

2) The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

7.1.2. TEST PROCEDURES

The EUT and Support equipment, if needed, was set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane. When the EUT is floor standing equipment, it is placed on the ground plane, which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane. The EUT should be 0.8 m apart from the AMN, where the mains cable supplied by the manufacturer is longer than 1 m, the excess should be folded at the centre into a bundle no longer than 0.4 m, Details please refer to test setup photography.

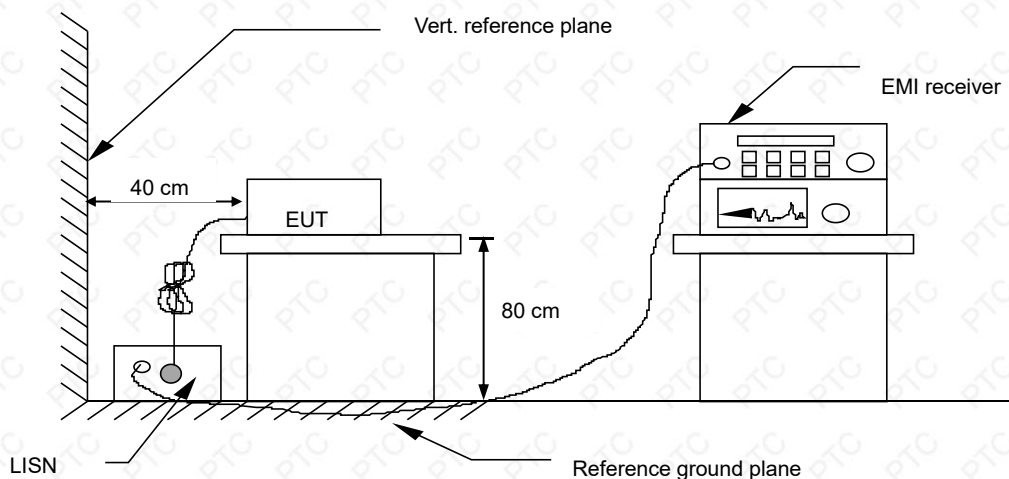
The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes. During the above scans, the emissions were maximized by cable manipulation.

A scan was taken on both of the power lines, Line and neutral, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. The test data of the worst-case condition(s) was recorded.

The test data of the worst-case condition(s) was recorded.

Note: Test Software Name: Tonscend,JS32-RE/4.0.0.3.

7.1.3. TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

7.1.4. TEST RESULT

Product name	KidsTablet	Tested By	Huo
Model	Q88	Detector Function	Peak / Quasi-peak/AV
Test Mode	Working	6 dB Bandwidth	9 kHz
Environmental Conditions	24.0°C, 55.1 % RH, 101.2 kPa	Test Result	Pass

Note:

L = Line Line, N = Neutral Line

Freq. = Emission frequency in MHz

Reading level (dBμV) = Receiver reading

Corr. Factor (dB) = attenuator + Cable loss

Level (dBμV) = Reading level (dBμV) + Corr. Factor (dB)

Limit (dBμV) = Limit stated in standard

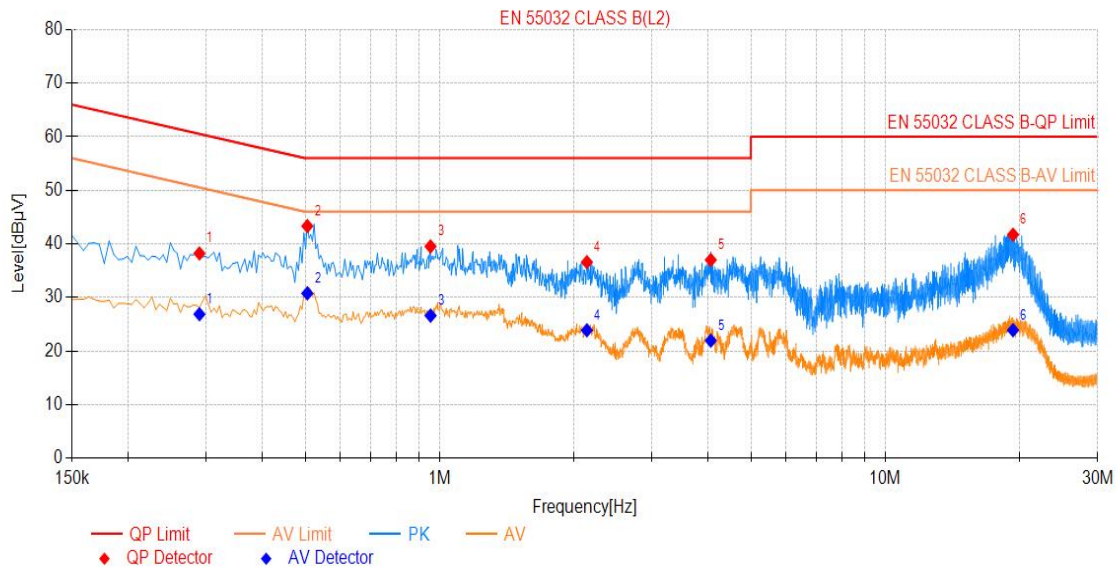
Over Limit (dB) = Level (dBμV) – Limit (dBμV)

QP = Quasi-Peak

AV = Average

Please refer to the following diagram:

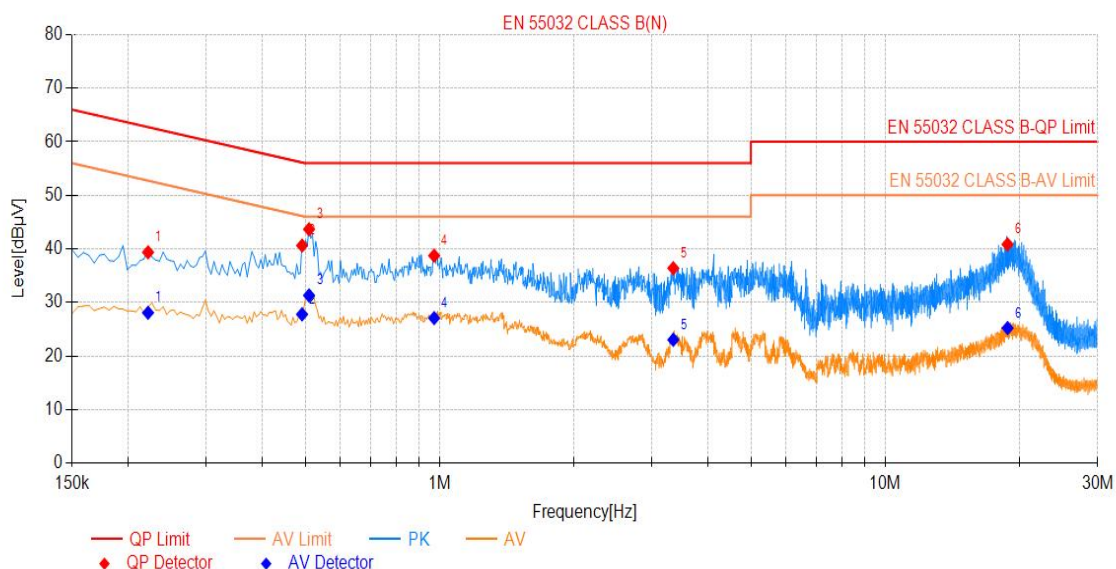
Line:



Final Data List

NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.290	28.27	9.94	38.21	60.54	22.33	16.92	26.86	50.54	23.68	PASS
2	0.506	33.38	9.95	43.33	56.00	12.67	20.81	30.76	46.00	15.24	PASS
3	0.956	29.53	10.00	39.53	56.00	16.47	16.60	26.60	46.00	19.40	PASS
4	2.144	26.55	10.04	36.59	56.00	19.41	13.82	23.86	46.00	22.14	PASS
5	4.065	26.89	10.11	37.00	56.00	19.00	11.82	21.93	46.00	24.07	PASS
6	19.379	31.18	10.55	41.73	60.00	18.27	13.33	23.88	50.00	26.12	PASS

Neutral:



Final Data List

NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.222	29.48	9.87	39.35	62.74	23.39	18.20	28.07	52.74	24.67	PASS
2	0.492	30.66	9.96	40.62	56.13	15.51	17.81	27.77	46.13	18.36	PASS
3	0.510	33.69	9.96	43.65	56.00	12.35	21.34	31.30	46.00	14.70	PASS
4	0.974	28.77	9.96	38.73	56.00	17.27	17.12	27.08	46.00	18.92	PASS
5	3.350	26.27	10.12	36.39	56.00	19.61	12.91	23.03	46.00	22.97	PASS
6	18.843	30.30	10.54	40.84	60.00	19.16	14.67	25.21	50.00	24.79	PASS



7.2. RADIATED EMISSION MEASUREMENT

7.2.1. LIMITS

FREQUENCY (MHz)	Class A(At 3m)	Class B(At 3m)
	Quasi-peak dB(μ V/m)	Quasi-peak dB(μ V/m)
30 ~ 230	50	40
230 ~ 1000	57	47

FREQUENCY (MHz)	Detector type/bandwidth	Class A(At 3m)	Class B(At 3m)
		dB(μ V/m)	dB(μ V/m)
1000 ~ 6000	Average/1 MHz	60	54
1000 ~ 6000	Peak/1 MHz	80	74

Note: 1) The lower limit shall apply at the transition frequencies.

2) Emission level (dB μ V/m) = 20 log Emission level (μ V/m).

7.2.2. TEST PROCEDURE

The equipment was set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which is placed on the ground plane. When the EUT is floor standing equipment, it is placed on the ground plane which has a 0.1 m non-conductive covering to insulate the EUT from the ground plane.

The antenna was placed at 3 meter away from the EUT. The antenna connected to the spectrum analyzer via a cable and at times a pre-amplifier would be used.

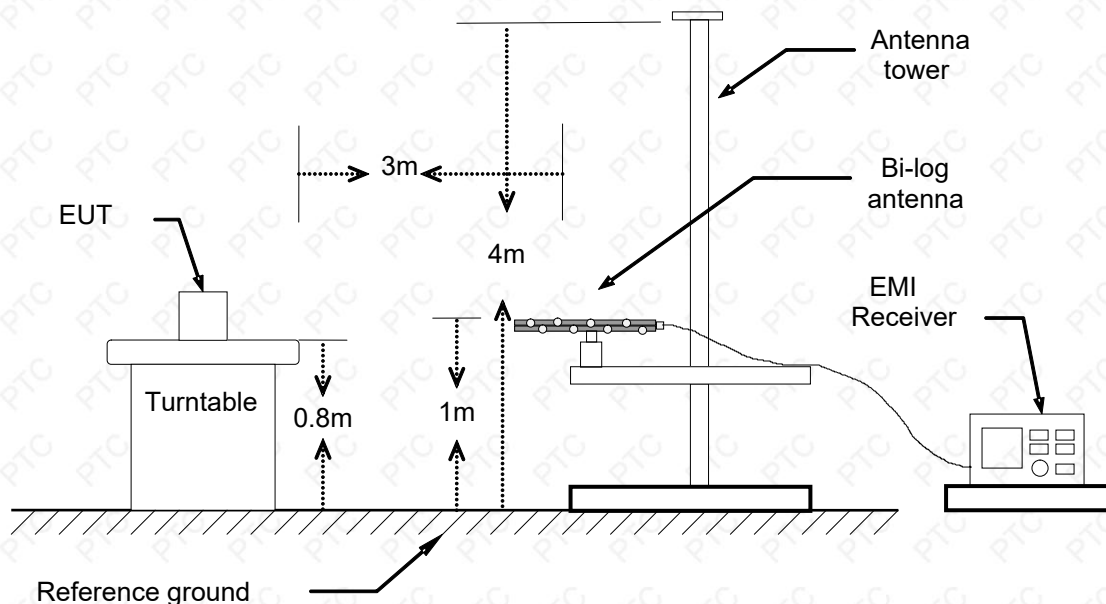
The analyzer / receiver quickly scanned from 30 MHz to 1000 MHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

During the above scans, the emissions were maximized by cable manipulation. Each modes is measured, recorded at least the six highest emissions. The emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and only Q.P. reading is presented.

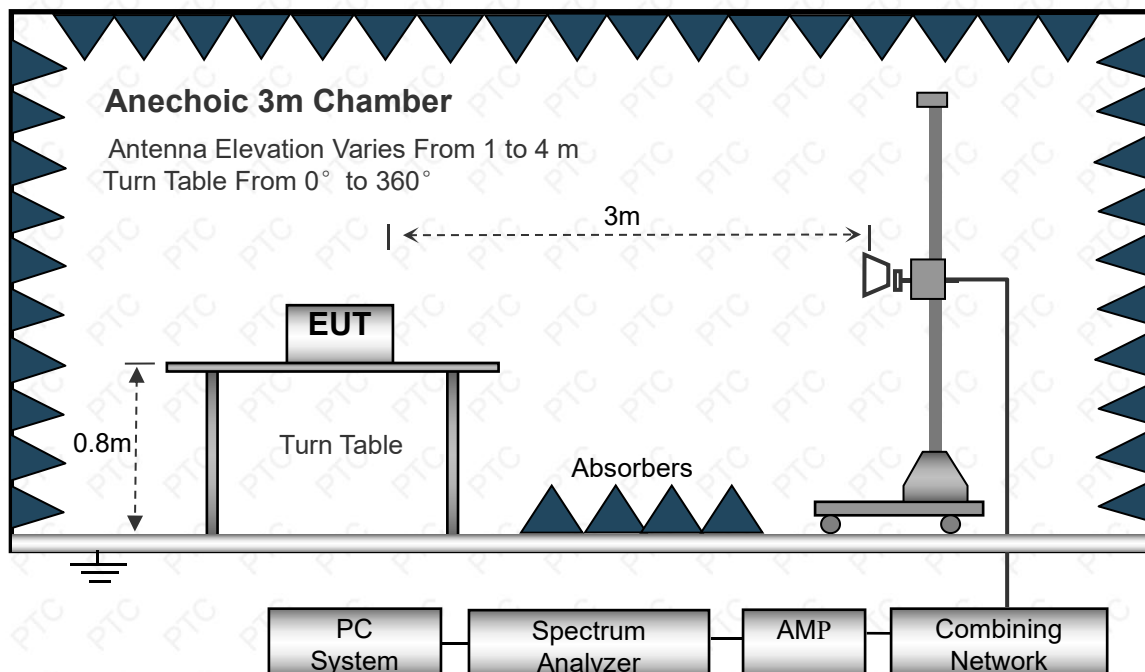
The test data of the worst-case condition(s) was recorded.

Note: Test Software Name: Tonscend,JS32-RE/4.0.0.0.

7.2.3. TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration
Frequency Range: Above 1 GHz





7.2.4. TEST RESULT

Product name	KidsTablet	Antenna Distance	3 m
Model	Q88	Antenna Pole	Vertical / Horizontal
Test Mode	Working	Detector Function	Peak / Quasi-peak
Environmental Conditions	24.5°C, 52 % RH, 101.3 kPa	6 dB Bandwidth	120 kHz
Tested by	Li	Test Result	Pass

Note:

Freq. = Emission frequency in MHz

Reading level (dB μ V) = Receiver reading(dB μ V)

Corr.Factor (dB/m)=Antenna factor(dB/m)+Cable loss(dB)-Preamplifier Factor(dB)

Measurement (dB μ V/m)=Reading level(dB μ V)+ Corr. Factor (dB/m)

Limit (dB μ V/m) = Limit stated in standard

Over Limit (dB) = Measurement (dB μ V/m) – Limit (dB μ V/m)

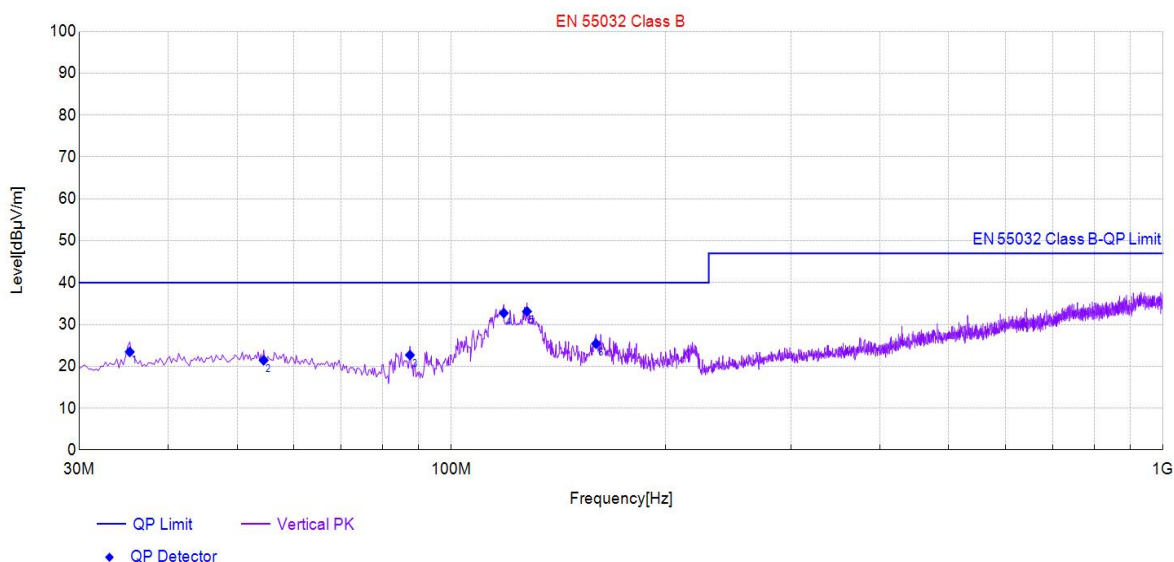
QP = Quasi-Peak

The highest frequency of the internal sources of the EUT was less than 108 MHz, so the measurement was only made up to 1 GHz.



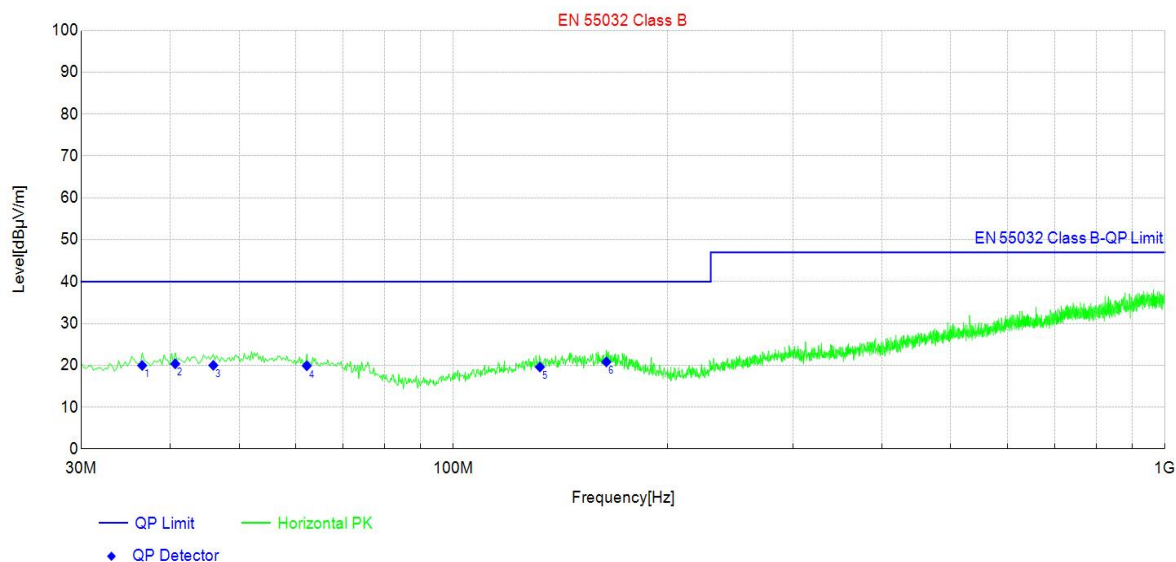
Please refer to the following diagram:

Vertical:



Final Data List[QP]								
NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity	Verdict
1	35.34	33.75	-10.29	23.46	40.00	16.54	Vertical	PASS
2	54.49	30.66	-9.20	21.46	40.00	18.54	Vertical	PASS
3	87.47	37.12	-14.42	22.70	40.00	17.30	Vertical	PASS
4	118.51	44.16	-11.44	32.72	40.00	7.28	Vertical	PASS
5	127.73	43.6	-10.48	33.12	40.00	6.88	Vertical	PASS
6	159.74	34.06	-8.65	25.41	40.00	14.59	Vertical	PASS

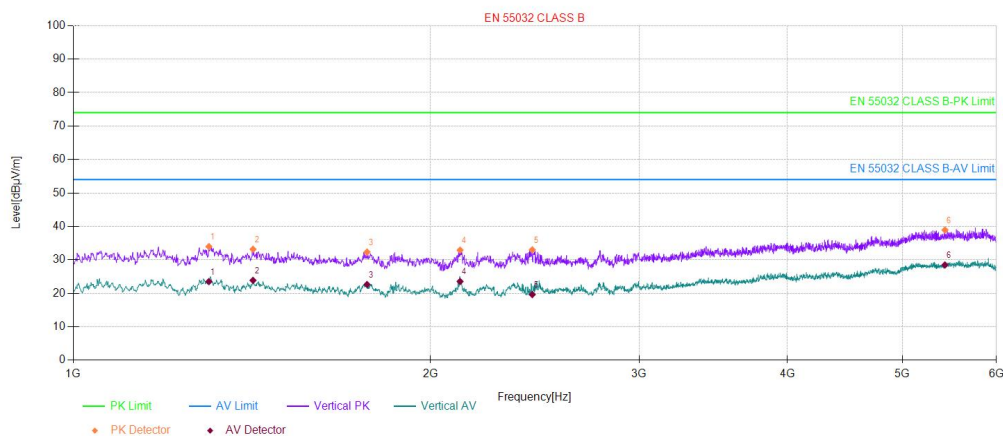
Horizontal:



Final Data List[QP]								
NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity	Verdict
1	36.55	30.14	-10.16	19.98	40.00	20.02	Horizontal	PASS
2	40.67	30.02	-9.64	20.38	40.00	19.62	Horizontal	PASS
3	46.01	29.08	-9.06	20.02	40.00	19.98	Horizontal	PASS
4	62.25	29.75	-9.84	19.91	40.00	20.09	Horizontal	PASS
5	132.34	29.68	-10.07	19.61	40.00	20.39	Horizontal	PASS
6	164.10	29.79	-8.96	20.83	40.00	19.17	Horizontal	PASS

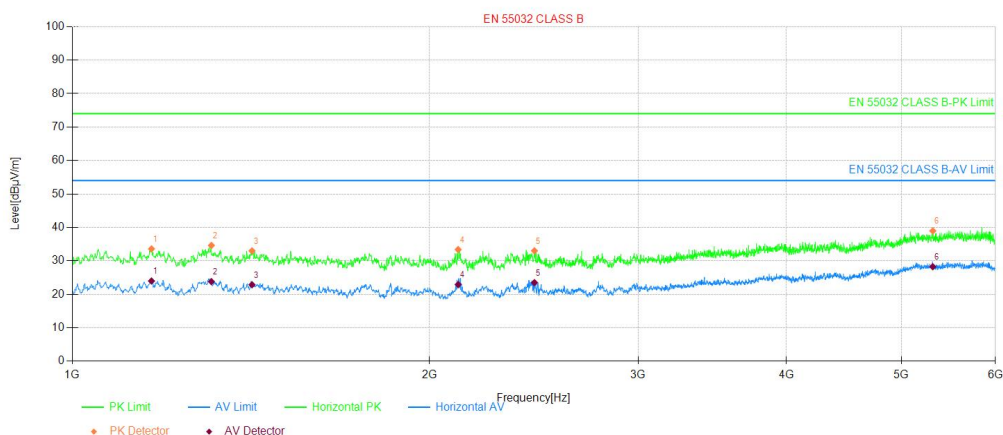
Please refer to the following diagram: (Radiated Emission test Result Above 1G)

Vertical:



PK Final Data List										
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Detector	Height [cm]	Angle [°]	Polarity	Verdict
1	1301.25	-2.84	33.98	74.00	40.02	Peak	100	216	Vertical	PASS
2	1417.50	-2.79	33.18	74.00	40.82	Peak	100	122	Vertical	PASS
3	1768.75	-3.50	32.32	74.00	41.68	Peak	100	292	Vertical	PASS
4	2118.75	-2.52	32.91	74.00	41.09	Peak	100	321	Vertical	PASS
5	2437.50	-0.87	33.00	74.00	41.00	Peak	100	140	Vertical	PASS
6	5430.00	6.88	38.93	74.00	35.07	Peak	100	122	Vertical	PASS
AV Final Data List										
NO.	Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Height [cm]	Angle [°]	Polarity	Verdict
1	1301.25	-2.84	23.51	54.00	30.49	AV	100	216	Vertical	PASS
2	1417.50	-2.79	23.88	54.00	30.12	AV	100	122	Vertical	PASS
3	1768.75	-3.50	22.64	54.00	31.36	AV	100	292	Vertical	PASS
4	2118.75	-2.52	23.55	54.00	30.45	AV	100	321	Vertical	PASS
5	2437.50	-0.87	19.64	54.00	34.36	AV	100	140	Vertical	PASS
6	5430.00	6.88	28.48	54.00	25.52	AV	100	122	Vertical	PASS

Horizontal:



PK Final Data List										
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Detector	Height [cm]	Angle [°]	Polarity	Verdict
1	1166.25	-2.92	33.58	74.00	40.42	Peak	100	7	Horizontal	PASS
2	1310.00	-2.83	34.61	74.00	39.39	Peak	100	260	Horizontal	PASS
3	1417.50	-2.79	33.00	74.00	41.00	Peak	100	63	Horizontal	PASS
4	2115.00	-2.54	33.38	74.00	40.62	Peak	100	340	Horizontal	PASS
5	2452.50	-0.79	33.01	74.00	40.99	Peak	100	281	Horizontal	PASS
6	5313.75	6.76	38.96	74.00	35.04	Peak	100	340	Horizontal	PASS
AV Final Data List										
NO.	Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Height [cm]	Angle [°]	Polarity	Verdict
1	1166.25	-2.92	23.99	54.00	30.01	AV	100	7	Horizontal	PASS
2	1310.00	-2.83	23.80	54.00	30.20	AV	100	260	Horizontal	PASS
3	1417.50	-2.79	22.87	54.00	31.13	AV	100	63	Horizontal	PASS
4	2115.00	-2.54	22.91	54.00	31.09	AV	100	340	Horizontal	PASS
5	2452.50	-0.79	23.50	54.00	30.50	AV	100	281	Horizontal	PASS
6	5313.75	6.76	28.26	54.00	25.74	AV	100	340	Horizontal	PASS

7.3. HARMONICS CURRENT MEASUREMENT

7.3.1. LIMITS OF HARMONICS CURRENT MEASUREMENT

Limit for Class A equipment	
Harmonics Order N	Max. permissible harmonics current A
Odd harmonics	
3	2.30
5	1.14
7	0.77
9	0.40
11	0.33
13	0.21
$15 \leq n \leq 39$	$0.15 \times (15/n)$
Even harmonics	
2	1.08
4	0.43
6	0.30
$8 \leq n \leq 40$	$0.23 \times 8/n$

Limit for Class D equipment		
Harmonics Order n	Max. permissible harmonics current per watt mA/W	Max. permissible harmonics current A
Odd Harmonics only		
3	3.4	2.30
5	1.9	1.14
7	1.0	0.77
9	0.5	0.40
11	0.35	0.33
13	0.30	0.21
$15 \leq n \leq 39$ (odd harmonics only)	3.85/n	$0.15 \times (15/n)$

Limit for Class C equipment ^a	
Harmonics Order n	Max. permissible harmonics current expressed as a percentage of the input current at the fundamental frequency A
2	2
3	27 ^b
5	10
7	7
9	5
$11 \leq n < \leq 39$ (odd harmonics only)	3

^a:For some Class C products, other emission limits apply (see EN IEC 61000-3-2 7.4).

^b:The limit is determined based on the assumption of modern lighting technologies having power factors of 0,90 or higher

Note: Class A, B, C and D are classified according to item 7.3.2.of this report

7.3.2. TEST PROCEDURES

The EUT was placed on the top of a wooden table 0.8 meters above the ground and operated to produce the maximum harmonic. The classification of EUT is according to section 5 of EN IEC 61000-3-2.

The EUT is classified as follows:

Class A:

Equipment not specified as belonging to Class B, C or D shall be considered as Class A equipment.

Some examples of Class A equipment are:

- balanced three-phase equipment;
- household appliances, excluding those specified as belonging to Class B, C or D;
- vacuum cleaners;
- high pressure cleaners;
- tools, excluding portable tools;
- independent phase control dimmers;
- audio equipment;
- professional luminaires for stage lighting and studios.

NOTE 1 Equipment that can be shown to have a significant effect on the supply system might be reclassified in a future edition of this document, taking into account the following factors:

- number of pieces of equipment in use;
- duration of use;
- simultaneity of use;
- power consumption;
- harmonic spectrum, including phase.

Class B:

- portable tools;
- arc welding equipment which is not professional equipment.

Class C:

- lighting equipment.

Class D:

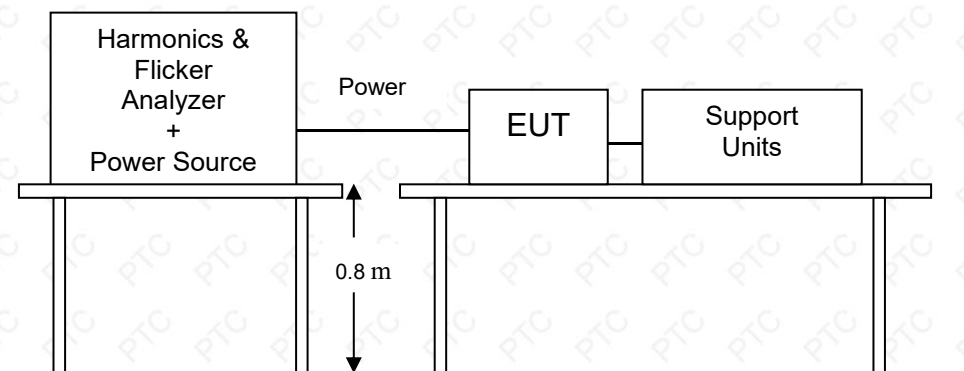
Equipment having a specified power less than or equal to 600 W according to 6.3.2, of the following types:

- personal computers and personal computer monitors;
- television receivers;
- refrigerators and freezers having one or more variable-speed drives to control compressor motor(s).

NOTE 2 Class D limits are reserved for equipment that, by virtue of the factors listed in note 1 , can be shown to have a pronounced effect on the public electricity supply system.

The correspondent test program of test instrument to measure the current harmonics emanated from EUT is chosen. The measure time shall be not less than the time necessary for the EUT to be exercised.

7.3.3. TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

7.3.4. TEST RESULT

N/A

7.4. VOLTAGE FLUCTUATION AND FLICKS MEASUREMENT

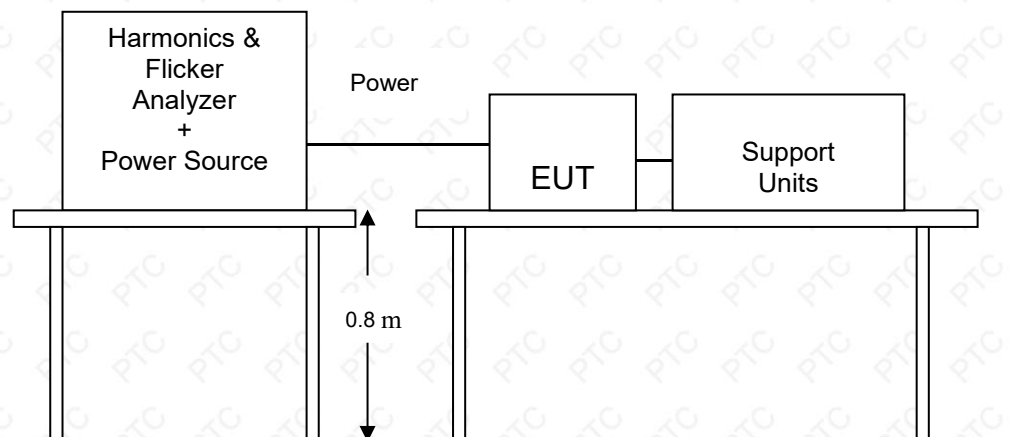
7.4.1. LIMITS OF VOLTAGE FLUCTUATION AND FLICKS MEASUREMENT

TEST ITEM	LIMIT	REMARK
P_{st}	1.0	P_{st} means short-term flicker indicator.
P_{lt}	0.65	P_{lt} means long-term flicker indicator.
T_{dt} (ms)	500	T_{dt} means maximum time that dt exceeds 3 %.
d_{max} (%)	4/6/7 %	d_{max} means maximum relative voltage change.
dc (%)	3.3 %	dc means relative steady-state voltage change

7.4.2. TEST PROCEDURE

The EUT was placed on the top of a wooden table 0.8 meters above the ground and operated to produce the most unfavorable sequence of voltage changes under Working operating conditions. During the flick measurement, the measure time shall include that part of whole operation cycle in which the EUT produce the most unfavorable sequence of voltage changes. The observation period for short-term flicker indicator is 10 minutes and the observation period for long-term flicker indicator is 2 hours.

7.4.3. TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

7.4.4. TEST RESULT

N/A.



8. IMMUNITY TEST

8.1. GENERAL DESCRIPTION

Product Standard	EN 55035	
	Test Type	Minimum Requirement
Basic Standard, Specification, and Performance Criterion required	IEC 61000-4-2	Electrostatic Discharge – ESD: ±8 kV air discharge, ±4 kV Contact discharge, Performance Criterion B
	IEC 61000-4-3	Radio-Frequency Electromagnetic Field Susceptibility Test – RS: 80MHz-1000MHz, 1800MHz, 2600MHz, 3500MHz, 5000MHz, 3 V/m, 80 % AM(1 kHz), Performance Criterion A
	IEC 61000-4-4	Electrical Fast Transient/Burst - EFT, Power line: ±1 kV, Signal line: ±0.5 kV, Performance Criterion B
	IEC 61000-4-5	Surge Immunity Test: 1.2/50 µs Open Circuit Voltage, 8 /20 µs Short Circuit Current, Power Port ~ Line to line: ±1 kV, Line to earth: ±2 kV Signal Port : ±0.5 kV Performance Criterion B
	IEC 61000-4-6	Conducted Radio Frequency Disturbances Test –CS: 0.15MHz-10MHz: 3V, 10MHz-30MHz: 3V to 1V 30MHz-80MHz: 1V, 3 V r.m.s, 80 % AM, 1 kHz, Performance Criterion A
	IEC 61000-4-8	Power frequency magnetic field immunity test 50 Hz, 1 A/m Performance Criterion A



	IEC 61000-4-11	Voltage Dips: 50/60Hz i) 0% reduction for 0.5 period, Performance Criterion B ii) 70% reduction for 25/35 periods, Performance Criterion C Voltage Interruptions: 0% reduction for 250/300 periods, Performance Criterion C
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8.2. GENERAL PERFORMANCE CRITERIA DESCRIPTION

Criteria A:	During and after the test the EUT shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed below a minimum performance level specified by the manufacturer when the EUT is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the EUT if used as intended.
Criteria B:	After the test, the EUT shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed, after the application of the phenomena below a performance level specified by the manufacturer, when the EUT is used as intended. The performance level may be replaced by a permissible loss of performance. During the test, degradation of performance is allowed. However, no change of operating state or stored data is allowed to persist after the test. If the minimum performance level (or the permissible performance loss) is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the EUT if used as intended.
Criteria C:	During and after testing, a temporary loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls or cycling of the power to the EUT by the user in accordance with the manufacturer's instructions. Functions, and/or information stored in non-volatile memory, or protected by a battery backup, shall not be lost.



8.3. ELECTROSTATIC DISCHARGE (ESD)

8.3.1. TEST SPECIFICATION

Basic Standard:	IEC 61000-4-2
Discharge Impedance:	330 Ω
Charging Capacity:	150 pF
Discharge Voltage:	Air Discharge: ± 8 kV (Direct) Contact Discharge: ± 4 kV (Direct/Indirect)
Polarity:	Positive & Negative
Number of Discharge:	10 (Air discharge for single polarity discharge) 25 (Contact discharge for single polarity discharge)
Discharge Mode:	1 time/s
Performance Criterion:	B

8.3.2. TEST PROCEDURE

The discharges shall be applied in two ways:

- Contact discharges to the conductive surfaces and coupling planes:
50 dischargers (25 with positive and 25 with negative polarity) shall be applied on each accessible metallic part of the enclosure, terminals are excluded. In case of a non-conductive enclosure, dischargers shall be applied on the horizontal or vertical coupling planes. Test shall be performed at a maximum repetition rate of one discharge per second.
- Air discharges at slots and apertures and insulating surfaces:
On those parts of the EUT where it is not possible to perform contact discharge testing, the equipment should be investigated to identify user accessible points where breakdown may occur. Such points are tested using the air discharge method. This investigation should be restricted to those area normally handled by the user. A minimum of 10 single air discharges shall be applied to the selected test point for each such area.

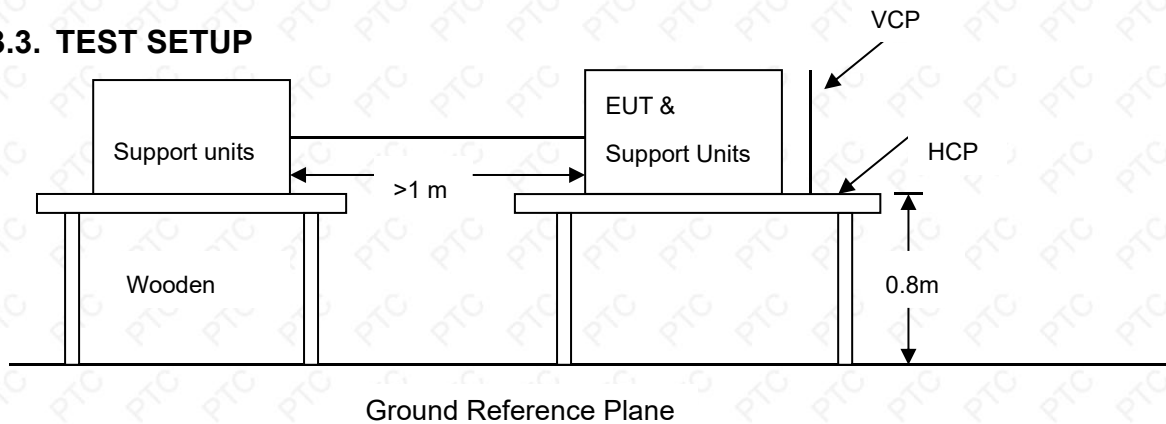
The basic test procedure was in accordance with IEC 61000-4-2:

- The EUT was located 0.1 m minimum from all side of the HCP (dimensions 1.6 m x 0.8 m).
- The support units were located another table 30 cm away from the EUT, but direct support unit was/were located at same location as EUT on the HCP and keep at a distance of 10cm with EUT.



- c) The time interval between two successive single discharges was at least 1 second.
- d) Contact discharges were applied to the non-insulating coating, with the pointed tip of the generator penetrating the coating and contacting the conducting substrate.
- e) Air discharges were applied with the round discharge tip of the discharge electrode approaching the EUT as fast as possible (without causing mechanical damage) to touch the EUT. After each discharge, the ESD generator was removed from the EUT and re-triggered for a new single discharge. The test was repeated until all discharges were complete.
- f) At least ten single discharges (in the most sensitive polarity) were applied at the front edge of each HCP opposite the center point of each unit of the EUT and 0.1 meter from the front of the EUT. The long axis of the discharge electrode was in the plane of the HCP and perpendicular to its front edge during the discharge.
- g) At least ten single discharges (in the most sensitive polarity) were applied to the center of one vertical edge of the Vertical Coupling Plane (VCP) in sufficiently different positions that the four faces of the EUT were completely illuminated. The VCP (dimensions 0.5 m x 0.5 m) was placed vertically to and 0.1 meter from the EUT.

8.3.3. TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

Note:

1) TABLE-TOP EQUIPMENT

The configuration consisted of a wooden table 0.8 meters high standing on the ground reference plane (GRP). The GRP consisted of a sheet of aluminum at least 0.25 mm thick, and 2.5 meters square connected to the protective grounding system. A horizontal coupling plane (HCP) (1.6 m x 0.8 m) was placed on the table and attached to the GRP by means of a cable with 940k total impedance. The equipment under test, was installed in a representative system as described in section 7 of IEC 61000-4-2, and its cables were placed on the HCP and isolated by an insulating support of 0.5 mm thickness. A distance of 1-meter minimum was provided between the EUT and the walls of the laboratory and any other metallic structure.

2) FLOOR-STANDING EQUIPMENT

The equipment under test was installed in a representative system as described in section 7 of IEC 61000-4-2, and its cables were isolated from the ground reference plane by an insulating support of 0.1 meter thickness. The GRP consisted of a sheet of aluminum that is at least 0.25 mm thick, and 2.5 meters square connected to the protective grounding system and extended at least 0.5 meters from the EUT on all sides.



8.3.4. TEST RESULT

Product	KidsTablet	Environmental Conditions	24.2°C, 55 % RH, 101.5kPa
Model	Q88	Tested By	Bruce
Test mode	Working	Test Result	Pass

Air Discharge					
Test Points	Test Levels	Results			
	± 8 Kv	Pass	Fail	Observation	Performance Criterion
Hull	☒	☒	☐	Note ☒ A ☐ B ☐ C	B
Gap	☒	☒	☐	Note ☒ A ☐ B ☐ C	B

Contact Discharge					
Test Points	Test Levels	Results			
	± 4 Kv	Pass	Fail	Observation	Performance Criterion
HCP	☒	☒	☐	Note ☒ A ☐ B ☐ C	B
VCP	☒	☒	☐	Note ☒ A ☐ B ☐ C	B
Metal	☒	☒	☐	Note ☒ A ☐ B ☐ C	B
Ports	☒	☒	☐	Note ☒ A ☐ B ☐ C	B

Note: A) There was no change compared with initial operation during the test.

B) During the test, degradation of performance is allowed. However, no change of operating state or stored data is allowed to persist after the test. If the minimum performance level (or the permissible performance loss) is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the EUT if used as intended.

C) During and after testing, a temporary loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls or cycling of the power to the EUT by the user in accordance with the manufacturer's instructions.

8.4. RADIATED, RADIO-FREQUENCY, ELECTROMAGNETIC FIELD (RS)

8.4.1. TEST SPECIFICATION

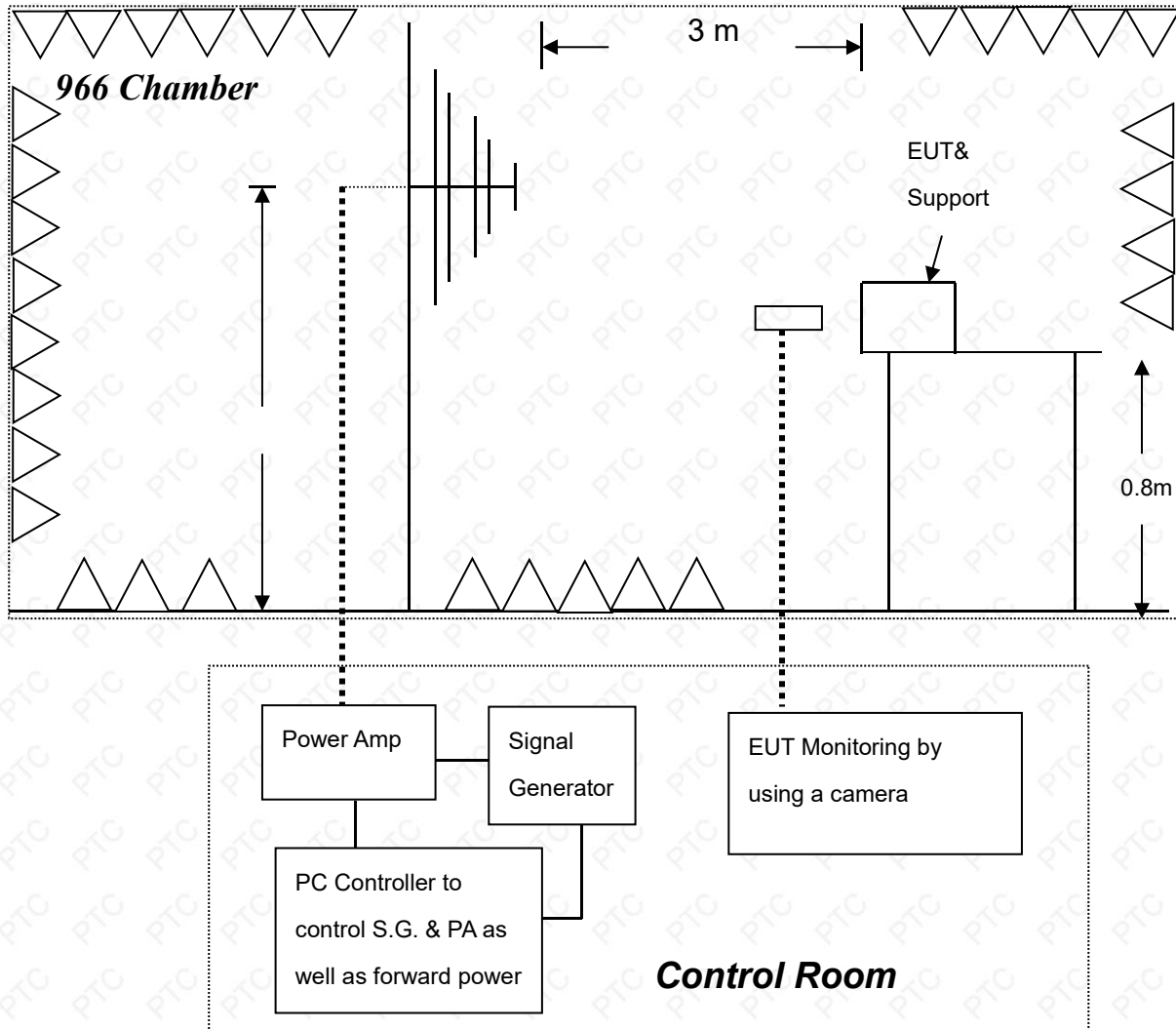
Basic Standard:	IEC 61000-4-3
Frequency Range:	80 MHz ~ 1000 MHz, 1800MHz, 2600MHz, 3500MHz, 5000MHz
Field Strength:	3 V/m
Modulation:	1 kHz Sine Wave, 80 %, AM Modulation
Frequency Step:	1 % of preceding frequency value
Polarity of Antenna:	Horizontal and Vertical
Test Distance:	3 m
Antenna Height:	1.5 m
Performance Criterion:	A

8.4.2. TEST PROCEDURE

The test procedure was in accordance with IEC 61000-4-3

- The testing was performed in a fully anechoic chamber. The transmit antenna was located at a distance of 3 meters from the EUT.
- The frequency range is swept from 80 MHz to 1000 MHz, with the signal 80% amplitude modulated with a 1 kHz sine-wave. The rate of sweep did not exceed 1.5×10^{-3} decade/s, where the frequency range is swept incrementally, the step size was 1 % of preceding frequency value.
- The dwell time at each frequency shall be not less than the time necessary for the EUT to be able to respond.
- The test was performed with the EUT exposed to both vertically and horizontally polarized fields on each of the four sides.

8.4.3. TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

Note:

TABLETOP EQUIPMENT

The EUT installed in a representative system as described in section 7 of IEC 61000-4-3 was placed on a non-conductive table 0.8 meters in height. The system under test was connected to the power and signal wire according to relevant installation instructions.

FLOOR STANDING EQUIPMENT

The EUT installed in a representative system as described in section 7 of IEC 61000-4-3 was placed on a non-conductive wood support 0.1 meters in height. The system under test was connected to the power and signal wire according to relevant installation instructions.



8.4.4. TEST RESULT

Product	KidsTablet	Environmental Conditions	24.1°C, 53 % RH, 101.1kPa
Model	Q88	Tested By	Bruce
Test mode	Working	Test Result	Pass

Frequency (MHz)	Polarity	Position	Field Strength (V/m)	Observation	Performance Criterion
80 ~ 1000, 1800, 2600, 3500, 5000	V&H	Front	3	Note ☒ A ☐ B ☐ C	A
80 ~ 1000, 1800, 2600, 3500, 5000	V&H	Rear	3	Note ☒ A ☐ B ☐ C	A
80 ~ 1000, 1800, 2600, 3500, 5000	V&H	Left	3	Note ☒ A ☐ B ☐ C	A
80 ~ 1000, 1800, 2600, 3500, 5000	V&H	Right	3	Note ☒ A ☐ B ☐ C	A

Note: A) There was no change compared with initial operation during the test.

B) During the test, degradation of performance is allowed. However, no change of operating state or stored data is allowed to persist after the test. If the minimum performance level (or the permissible performance loss) is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the EUT if used as intended.

C) During and after testing, a temporary loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls or cycling of the power to the EUT by the user in accordance with the manufacturer's instructions.



8.5. ELECTRICAL FAST TRANSIENT (EFT)

8.5.1. TEST SPECIFICATION

Basic Standard:	IEC 61000-4-4
Test Voltage:	Power Line: ± 1 kV Signal/Control Line: ± 0.5 kV
Polarity:	Positive & Negative
Impulse Frequency:	5 kHz
Impulse Wave-shape:	5/50 ns
Burst Duration:	15 ms
Burst Period:	300 ms
Test Duration:	2 mins
Performance Criterion:	B

8.5.2. TEST PROCEDURE

EUT is placed on a 0.1 m tall wooden table.

EUT operate at normal mode, the transient/burst was 5/50 ns in accordance with EN 61000-4-4, both positive and negative polarity burst waveform were applied.

The duration time of each test line was 2 minutes.

8.5.3. TEST SETUP

The EUT installed in a representative system as described in section 7 of IEC 61000-4-4.

For the actual test configuration, please refer to the related item – photographs of the test configuration.

8.5.4. TEST RESULT

N/A



8.6. SURGE IMMUNITY TEST

8.6.1. TEST SPECIFICATION

Basic Standard:	IEC 61000-4-5
Wave-Shape:	Combination Wave 1.2/50 μ s Open Circuit Voltage 8/20 μ s Short Circuit Current
Test Voltage:	Power Port ~ Line to line: ± 1 kV, Line to ground: ± 2 kV
Surge Input/Output:	Power Line: L-N / L-PE / N-PE
Generator Source Impedance:	2 Ω between networks 12 Ω between network and ground
Polarity:	Positive/Negative
Phase Angle:	0° /90° /180° /270°
Pulse Repetition Rate:	1 time / min
Number of Tests:	5 positive polarity pulses, and 5 negative polarity pulses
Performance Criterion:	B

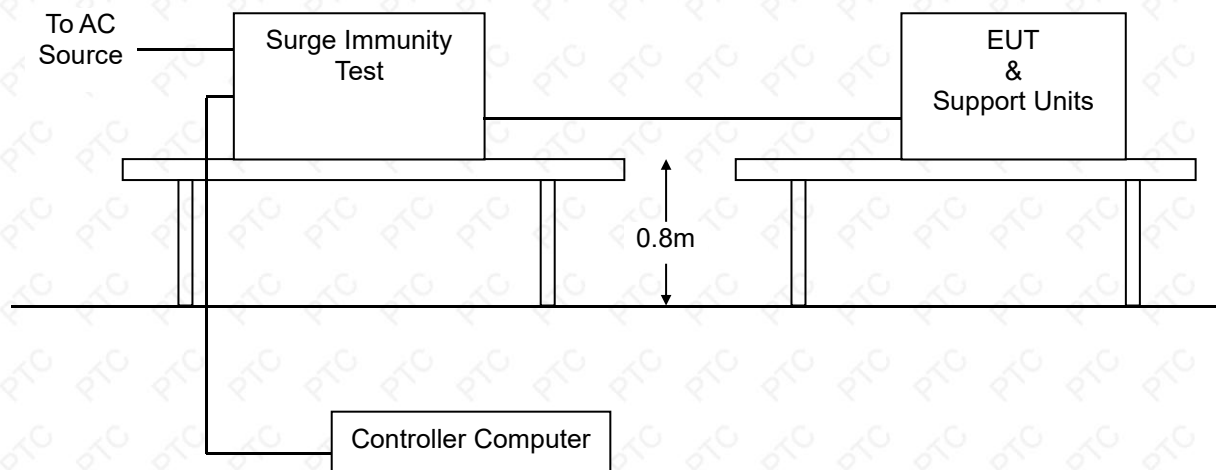
8.6.2. TEST PROCEDURE

EUT is placed on a 0.8 m tall wooden table.

EUT operate at normal mode, two types of combination wave generator (1.2/50 μ s open-circuit voltage and 8/20 μ s short-circuit current) are applied to the EUT power supply terminals via the capacitive coupling network.

The power cord between the EUT and the coupling/decoupling network shall not exceed 2 m in length.

8.6.3. TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

8.6.4. TEST RESULT

N/A

8.7. CONDUCTED RADIO FREQUENCY DISTURBANCES (CS)

8.7.1. TEST SPECIFICATION

Basic Standard:	IEC 61000-4-6
Frequency Range:	0.15MHz-10MHz: 3V, 10MHz-30MHz: 3V to 1V 30MHz-80MHz: 1V
Field Strength:	3 V
Modulation:	1 kHz Sine Wave, 80 %, AM Modulation
Frequency Step:	1 % of preceding frequency value
Coupled cable:	Power Mains, Shielded
Coupling device:	CDN-M3/2 (3 wires/2 wires)
Performance Criterion:	A

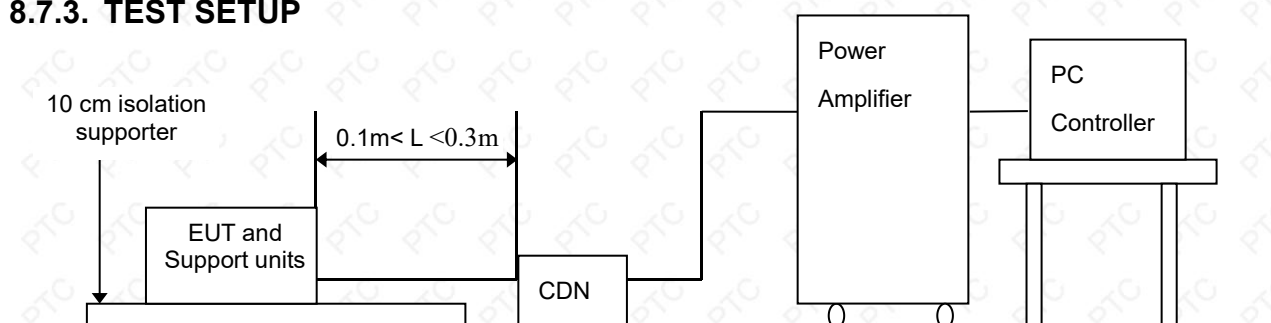
8.7.2. TEST PROCEDURE

The EUT shall be tested within its intended operating and climatic conditions.

The test shall performed with the test generator connected to each of the coupling and decoupling devices in turn, while the other non-excited RF input ports of the coupling devices are terminated by a 50 Ω load resistor.

The frequency range was swept from 150 kHz to 80 MHz, using the signal level established during the setting process and with a disturbance signal of 80 % amplitude. The signal was modulated with a 1 kHz sine wave, pausing to adjust the RF signal level or the switch coupling devices as necessary. The sweep rate was 1.5×10^{-3} decades/s. Where the frequency range is swept incrementally, the step size was 1 % of preceding frequency value the dwell time of the amplitude modulated carrier at each frequency was 0.5 s.

8.7.3. TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration

Note: 1) The EUT is setup 0.1 m above Ground Reference Plane

2) All relevant cables shall be provided with the appropriate coupling and decoupling devices at a distance between 0.1 meters and 0.3 meters from the projected geometry of the EUT on the ground reference plane.



8.7.4. TEST RESULT

N/A



8.8. POWER FREQUENCY MAGNETIC FIELD

8.8.1. TEST SPECIFICATION

Basic Standard:	IEC 61000-4-8
Frequency Range:	50 Hz
Field Strength:	1 A/m
Observation Time:	5 minutes
Inductance Coil:	Rectangular type, 1 m x 1 m
Performance Criterion:	A

8.8.2. TEST PROCEDURE

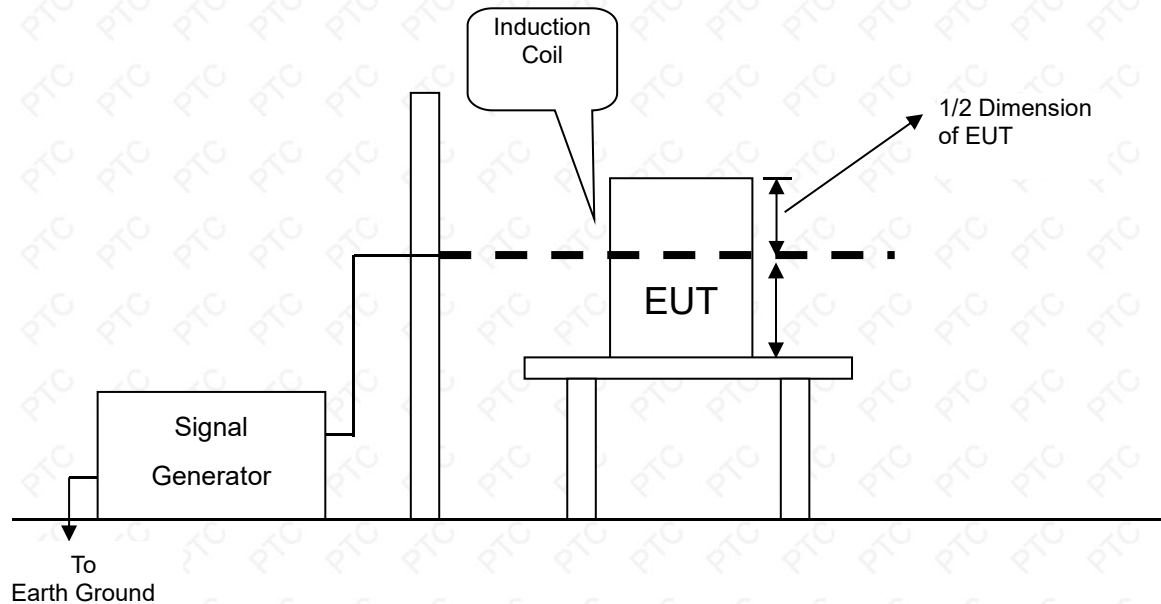
The equipment is configured and connected to satisfy its functional requirements. It shall be placed on the GRP with the interposition of a 0.1 m-thick insulating support.

The equipment cabinets shall be connected to the safety earth directly on the GRP via the earth terminal of the EUT.

The power supply, input and output circuits shall be connected to the sources of power supply, control and signal.

The cables supplied or recommended by the equipment manufacturer shall be used. 1 meter of all cables used shall be exposed to the magnetic field.

8.8.3. TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration
Note:

TABLETOP EQUIPMENT

The equipment shall be subjected to the test magnetic field by using the induction coil of standard dimension (1 m x 1 m). The induction coil shall then be rotated by 90 degrees in order to expose the EUT to the test field with different orientations.

FLOOR-STANDING EQUIPMENT

The equipment shall be subjected to the test magnetic field by using induction coils of suitable dimensions. The test shall be repeated by moving and shifting the induction coils, in order to test the whole volume of the EUT for each orthogonal direction. The test shall be repeated with the coil shifted to different positions along the side of the EUT, in steps corresponding to 50 % of the shortest side of the coil. The induction coil shall then be rotated by 90 degrees in order to expose the EUT to the test field with different orientations.

8.8.4. TEST RESULT

N/A

8.9. VOLTAGE DIP & VOLTAGE INTERRUPTIONS

8.9.1. TEST SPECIFICATION

Basic Standard:	IEC 61000-4-11
Test Duration Time:	3 test events in sequence
Interval Between Event:	10 seconds
Phase Angle:	0°
Test Cycle:	3 times
Performance Criterion:	0% U_T / 0.5 P, Criterion: B 70% U_T / 25 P(50Hz)30 P(60Hz), Criterion: C 0% U_T / 250 P(50Hz)300 P(60Hz), Criterion: C

8.9.2. TEST PROCEDURE

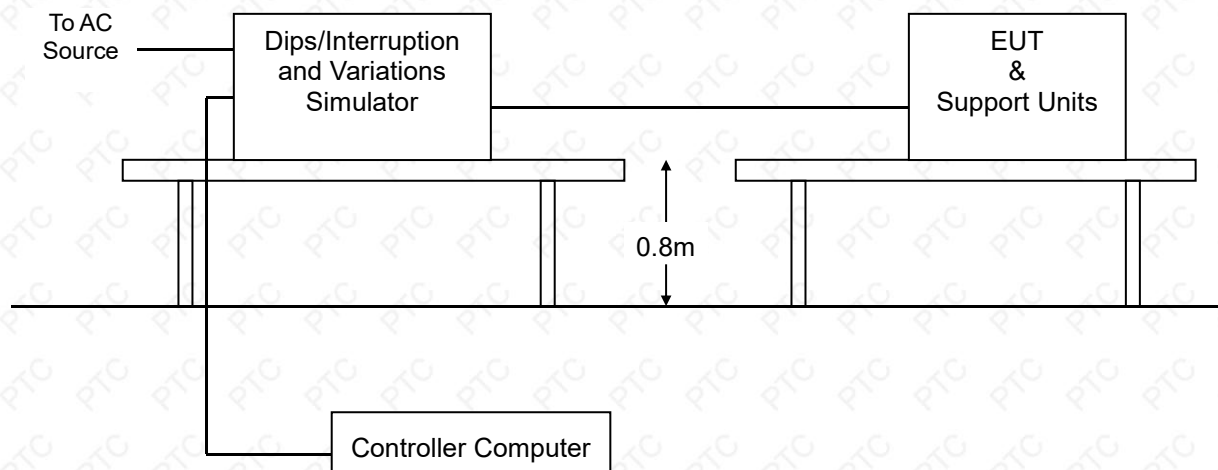
The EUT and support units were located on a wooden table, 0.8 m away from ground floor.

Setting the parameter of tests and then perform the test software of test simulator.

Changes to the voltage level shall occur at 0 degree crossing point in the a.c. voltage waveform.

Record the test result in test record form.

8.9.3. TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

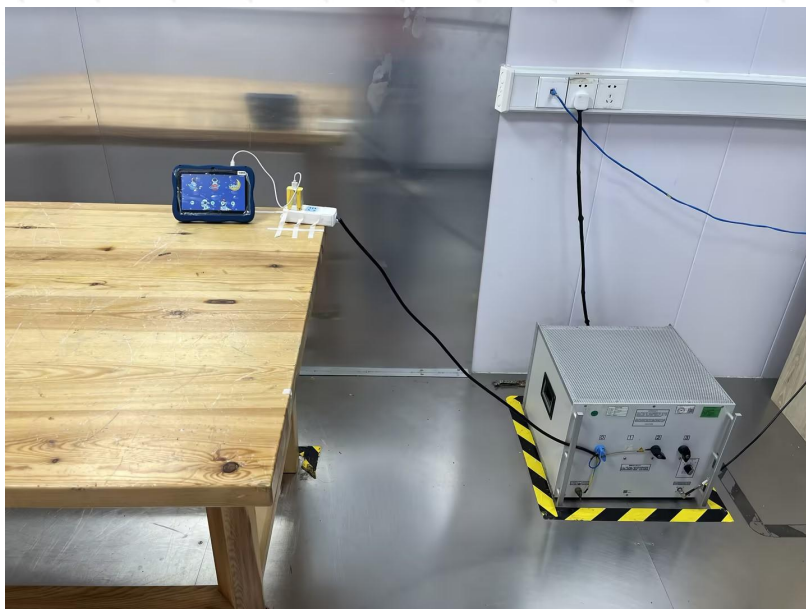


8.9.4. TEST RESULT

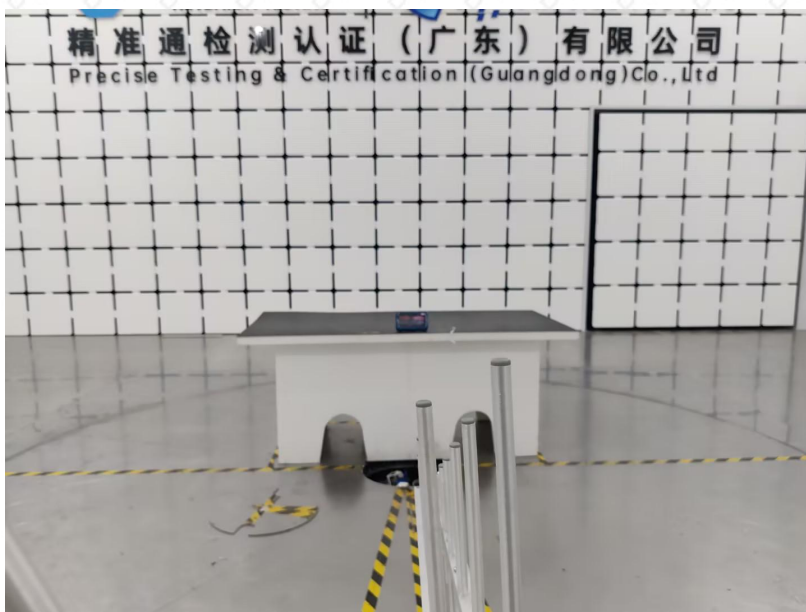
N/A

9. PHOTOGRAPHS OF THE TEST CONFIGURATION

CONDUCTED EMISSION TEST



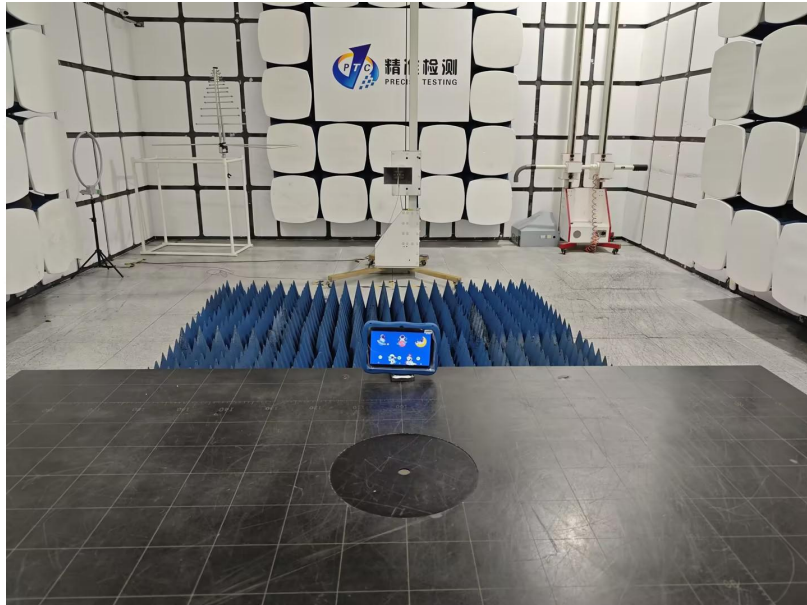
RADIATED EMISSION TEST





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RADIATED EMISSION TEST(Above 1G)

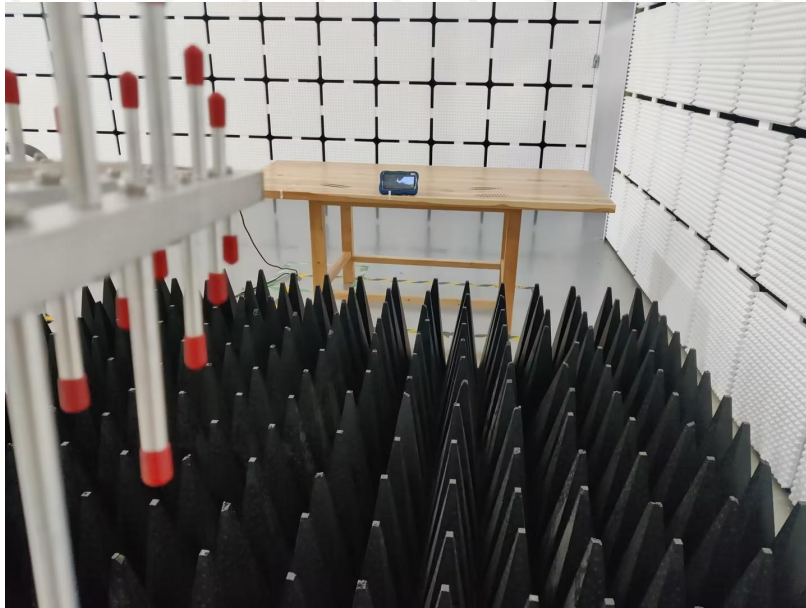


ESD TEST





RS TEST



10. PHOTOGRAPHS OF EUT



Photo 1 C1



Photo 2 C1



Photo 3 C3



Photo 4 C3



Photo 5 C5



Photo 6 C5

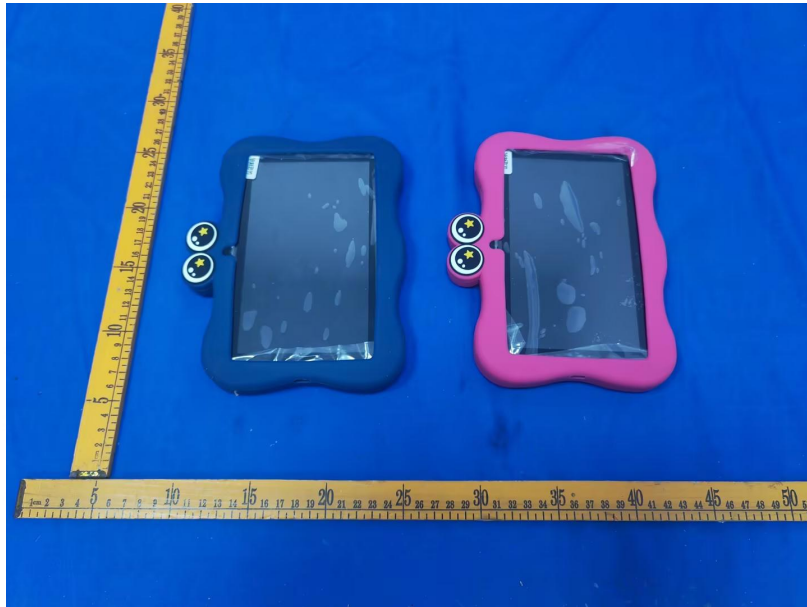


Photo 7 C6



Photo 8 C6

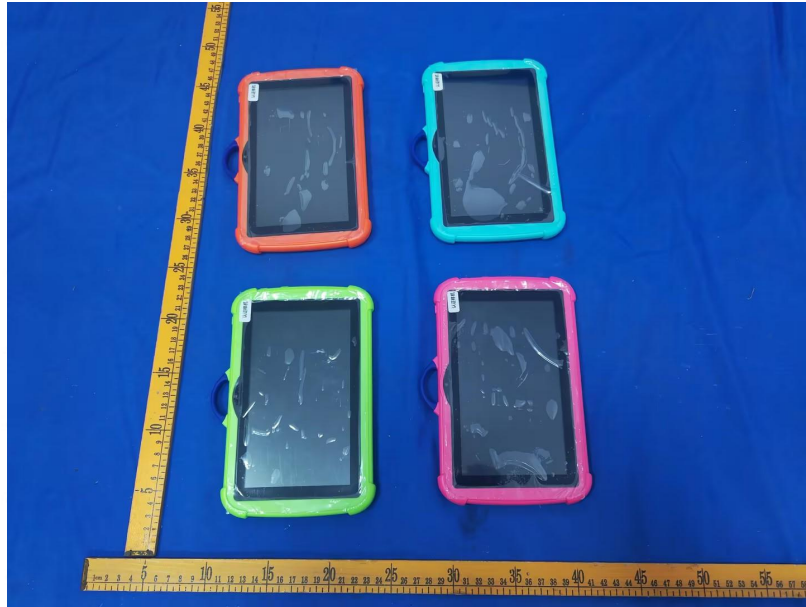


Photo 9 C8



Photo 10 C8



Photo 11 C9



Photo 12 C9



Photo 13 T1



Photo 14 T1



Photo 15 T4



Photo 16 T4



Photo 17 T5



Photo 18 T5



Photo 19 T7



Photo 20 T7



Photo 21 T8



Photo 22 T8



Photo 23 T9



Photo 24 T9



Photo 25 T6



Photo 26 T6



Photo 27 K1



Photo 28 K1



Photo 29 K2



Photo 30 K2



Photo 31 K3



Photo 32 K3



Photo 33 K4



Photo 34 K4



Photo 35 K5



Photo 36 K5



Photo 37 K6



Photo 38 K6



Photo 39 K7



Photo 40 K7



Photo 41 K8



Photo 42 K8



Photo 43 K9



Photo 44 K9



Photo 45 Q80



Photo 46 Q80

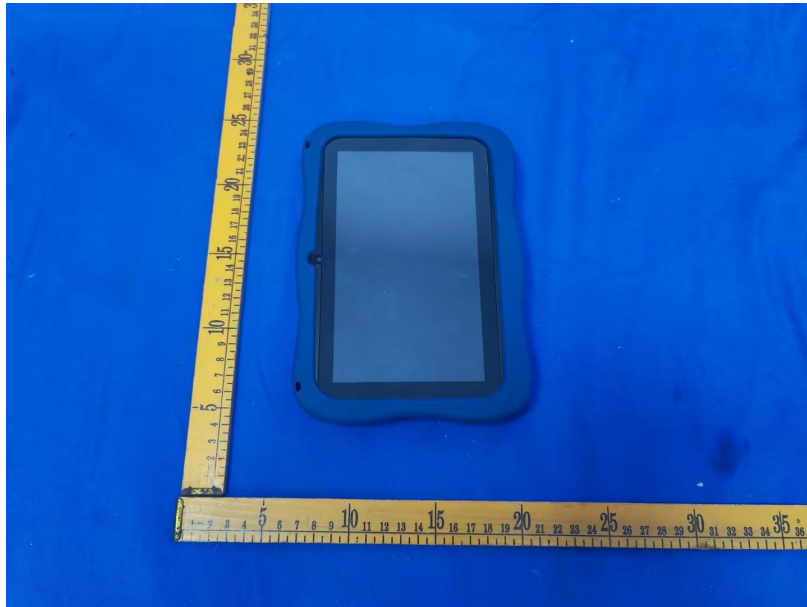


Photo 47 Q88



Photo 48 Q88

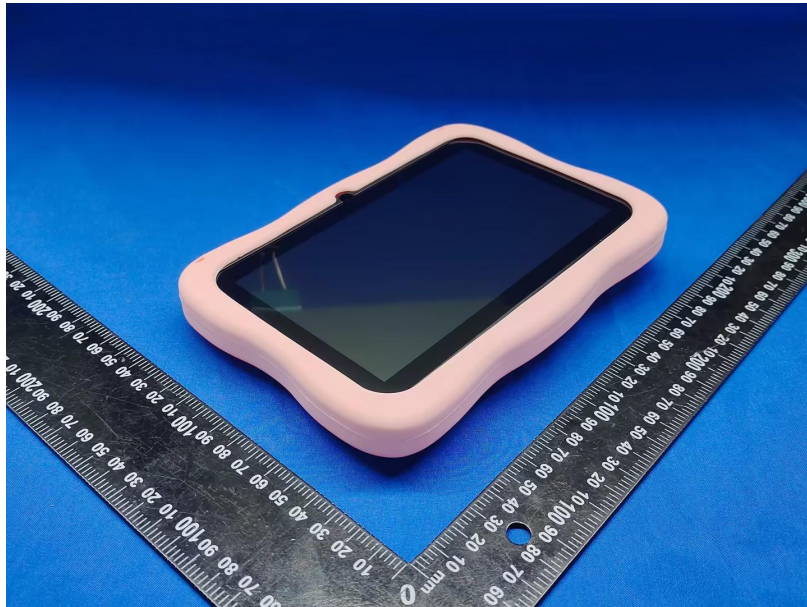
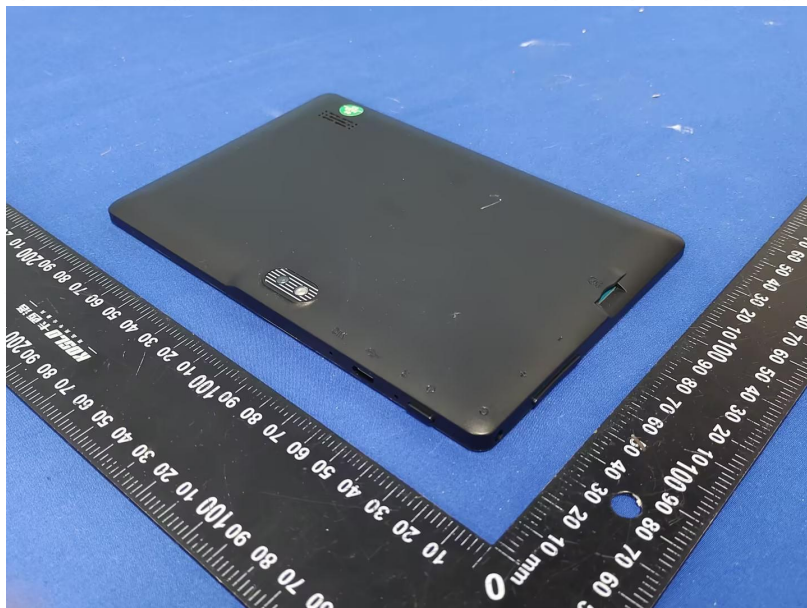
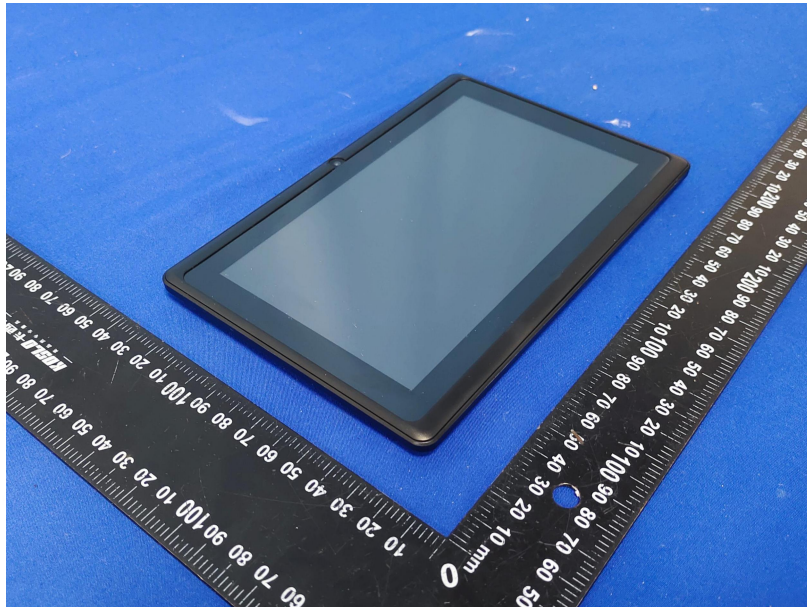


Photo 49 Q88



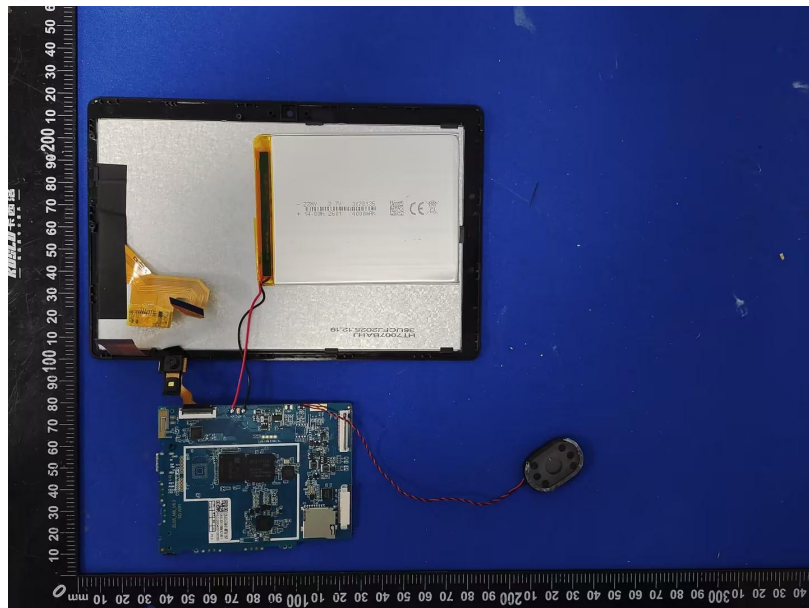
Photo 50 Q88

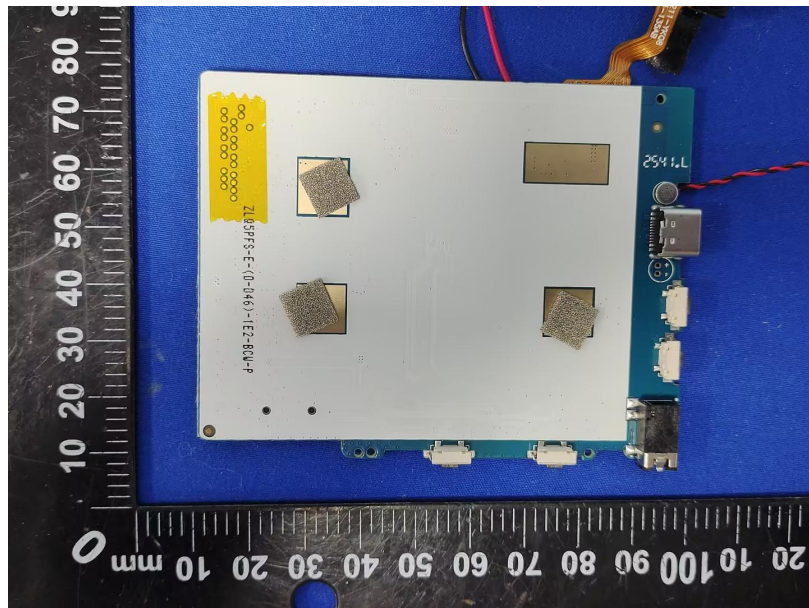
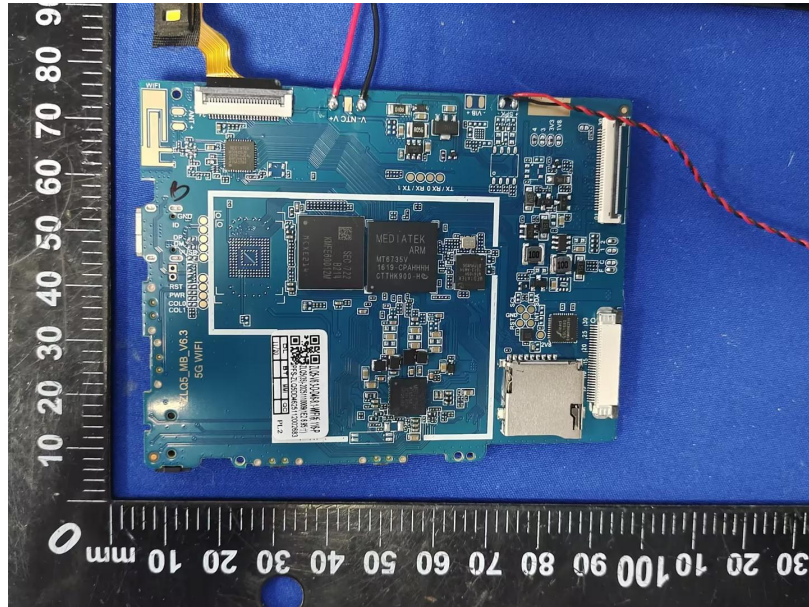




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— End of report —