SPORTON LAB.

Certificate No: FD463028

CERTIFICATE OF COMPLIANCE

Authorized under Declaration of Conformity
according to
47 CFR,Part 2 and Part 15 of the FCC Rules

TAF
Testing Laboratory
1190

- **EQUIPMENT : 7" Rugged Tablet Computer**
- **MODEL NO. : xxxRTC-700C-TAy-WBGzxxx-xxxx**
  1. xxx=TF-(TF: Toxic Free) or blank
  2. y is for Touch version , ex: A=rev1, y:A~Z
  3. z is blank or H, blank means without 3G function; H means with 3G function
  4. xxx is for marketing purpose
  5. xxxx=SW revision, ex: 1110=rev1, x:0~9
- **APPLICANT : AAEON Technology Inc.**
  5F, No. 135, Lane 235, Pao Chiao Rd.,
  Hsin-Tien Dist., New Taipei City,
  Taiwan, R.O.C

SPORTON LAB.

I HEREBY CERTIFY THAT:

The equipment is in accordance with the procedures are given in **ANSI C63.4-2009** and the energy emitted by this equipment was **Passed CISPR PUB. 22** and **FCC Part 15 Subpart B** in both radiated and conducted emissions **Class B** limits. The test was carried out on **Jul. 05, 2014** SPORTON INTERNATIONAL INC. LAB.

Kero Kuo.

Kero Kuo
Engineering Supervisor

Testing Laboratory
1190

FCC TEST REPORT

Authorized under **D**eclaration **o**f **C**onformity

according to

47 CFR FCC Rules and Regulations Part 15 Subpart B,
Class B Digital Device and Canada Standard ICES-003 Issue 5

Equipment : 7” Rugged Tablet Computer

Model No. : xxxRTC-700C-TAy-WBGzxxx-xxxx
1. xxx=TF-(TF: Toxic Free) or blank
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4. xxx is for marketing purpose
5. xxxx=SW revision, ex: 1110=rev1, x:0~9

Filing Type : Declaration of Conformity

Applicant : AAEON Technology Inc.
5F, No. 135, Lane 235, Pao Chiao Rd.,
Hsin-Tien Dist., New Taipei City,
Taiwan, R.O.C

SPORTON International Inc.

No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

Table of Contents

History of this test report

Original Report Issue Date: Aug. 27, 2014

■ No additional attachment.

□ Additional attachment were issued as following record:

Report No.	Issue Date	Description

Certificate No. : FD463028

CERTIFICATE OF COMPLIANCE

Authorized under Declaration of Conformity

according to

47 CFR FCC Rules and Regulations Part 15 Subpart B,
Class B Digital Device and Canada Standard ICES-003 Issue 5

Equipment : 7” Rugged Tablet Computer

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4. xxx is for marketing purpose
5. xxxx=SW revision, ex: 1110=rev1, x:0~9

Applicant : AAEON Technology Inc.
5F, No. 135, Lane 235, Pao Chiao Rd.,
Hsin-Tien Dist., New Taipei City,
Taiwan, R.O.C

I **HEREBY** CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4 - 2009** and the energy emitted by this equipment were ***passed*** **CISPR PUB. 22** and **FCC Part 15 Subpart B** and **Canada Standard ICES-003 Issue 5** in both radiated and conducted emission **Class B** limits. The product sample received on **Jul. 02, 2014** and completely tested on **Jul. 05, 2014** at **SPORTON International Inc.** LAB.

Kero Kuo
Assistant Manager

SPORTON International Inc.

No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

1. General Description of Equipment under Test

1.1 Applicant

AAEON Technology Inc.
5F, No. 135, Lane 235, Pao Chiao Rd., Hsin-Tien Dist., New Taipei City, Taiwan, R.O.C

1.2 Manufacturer

Same as 1.1

1.3 Basic Description of Equipment under Test

Equipment	:	7” Rugged Tablet Computer
Model No.	:	xxxRTC-700C-TAy-WBGzxxx-xxxx 1. xxx=TF-(TF: Toxic Free) or blank 2. y is for Touch version , ex: A=rev1, x:A~Z 3. z is blank or H, blank means without 3G function; H means with 3G function 4. xxx is for marketing purpose 5. xxxx=SW revision, ex: 1110=rev1, x:0~9
Trade Name	:	AAEON
Power Supply Type	:	From switching
The maximum operating frequency	:	2.4G Hz

1.4 Feature of Equipment under Test

Please refer to user's manual

2. Test Configuration of Equipment under Test

2.1 Test Manner

a. The EUT has been associated with peripherals pursuant to ANSI C63.4-2009 and configuration operated in a manner which tended to maximize its emission characteristics in a typical application.

b. The complete test system included LCD Monitor"24" *1, USB 2.0 Flash Disk*1, Earphone, Headset*1, microSD Card*1, SIM Card*1, EASY Card*1, Notebook*1, AP Router*1, Base Station*1 and EUT for EMI test.

Test Items	Function Type
AC Conducted Emission	Mode 1: R/W, BurnIN test(H), play mp3, HDMI out, earphone, BT+WiFi+WCDMA2100 BAND1 LINK, adapter Mode 2. R/W, play mp4, HDMI out, speaker, BT+WiFi+WCDMA2100 BAND1 IDLE, adapter Mode 3. R/W, play photo+mp3, speaker, BT+WiFi+WCDMA2100 BAND1 LINK, adapter (Vertical) Mode 4. R/W, CCD(rear), HDMI out, earphone, BT+WiFi+WCDMA2100 BAND1 LINK, adapter Mode 5. R/W, CCD(front), HDMI out, earphone, BT+WiFi+WCDMA2100 BAND1 LINK, adapter Mode 6. R/W, GPS, BT+WiFi+WCDMA2100 BAND1 LINK, adapter The following test mode was referred to pretest worst case "Mode 1" as AC Conducted Emission final test result.
Radiated Emissions Below 1GHz	Mode 1. R/W, BurnIN test(H), play mp3, HDMI out, earphone, BT+WiFi+WCDMA2100 BAND1 LINK, adapter Mode 2. R/W, play mp4, HDMI out, speaker, BT+WiFi+WCDMA2100 BAND1 IDLE, adapter Mode 3. R/W, play photo+mp3, speaker, BT+WiFi+WCDMA2100 BAND1 LINK, adapter (Vertical) Mode 4. R/W, CCD(rear), HDMI out, earphone, BT+WiFi+WCDMA2100 BAND1 LINK, adapter Mode 5. R/W, CCD(front), HDMI out, earphone, BT+WiFi+WCDMA2100 BAND1 LINK, adapter Mode 6. R/W, GPS, BT+WiFi+WCDMA2100 BAND1 LINK, battery The following test mode was referred to pretest worst case "Mode 1" for Radiated Emission final test result.
Radiated Emissions Above 1GHz	Mode 1. R/W, BurnIN test(H), play mp3, HDMI out, headset, BT+WiFi+WCDMA2100 BAND1 LINK, adapter

c. Frequency range investigated: Conducted 150 kHz to 30 MHz, Radiated 30 MHz to 13,000 MHz.

2.2 Description of Test System

<For conducted emission and radiated emission below 1GHz>

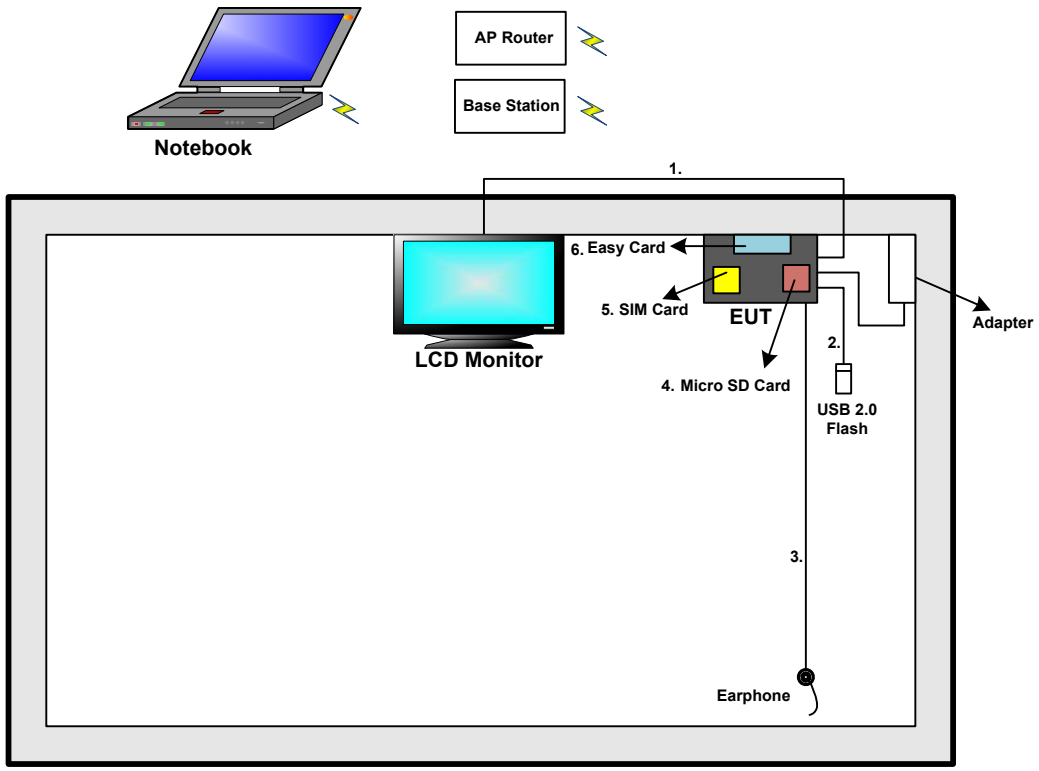
No.	Description	Manufacturer	Model	FCC ID	Signal Cable Description
Local					
1	LCD Monitor”24”	DELL	U2410F	DoC	HDMI Cable, D-Shielded, 1.5m
2	USB 2.0 Flash Disk	TRANSCEND	JetFlash V85	DoC	USB Cable, D-Shielded, 0.2m
3	Earphone	i-Acon	HOH-323-BK	N/A	Audio Cable, Non-Shielded, 2.0m
4	Micro SD Card	TRANSCEND	8GB	DoC	-
5	SIM Card	R&S	-	N/A	-
6	EASY Card	EASY CARD	N/A	N/A	-
Remote					
7	Notebook	DELL	E5520	DoC	-
8	AP Router	D-LINK	DIR-600B5	KA2DIR600B5	-
9	Base Station	R&S	CMU200	N/A	-

<For radiated emission above 1GHz>

No.	Description	Manufacturer	Model	FCC ID	Signal Cable Description
Local					
1	LCD Monitor”24”	DELL	U2410f	DoC	HDMI Cable, D-Shielded, 1.5m
2	USB 2.0 Flash Disk	TRANSCEND	JetFlash V85	DoC	USB Cable, D-Shielded, 0.2m
3	Headset	INTOPIC	JAZZ-368	N/A	Audio Cable, Non-Shielded, 2.0m
4	Micro SD Card	TRANSCEND	8GB	DoC	-
5	SIM Card	R&S	N/A	N/A	-
6	EASY Card	EASY CARD	N/A	N/A	-
Remote					
7	Notebook	DELL	VOSTRO 3350	DoC	-
8	AP Router	ASUS	RT-AC66U	MSQ-RTAC66U	-
9	Base Station	R&S	CMU200	N/A	-

2.3 Connection Diagram of Test System for Conducted Emission Test

Test Setup Diagram - AC Line Conducted Emission Test – Mode 1

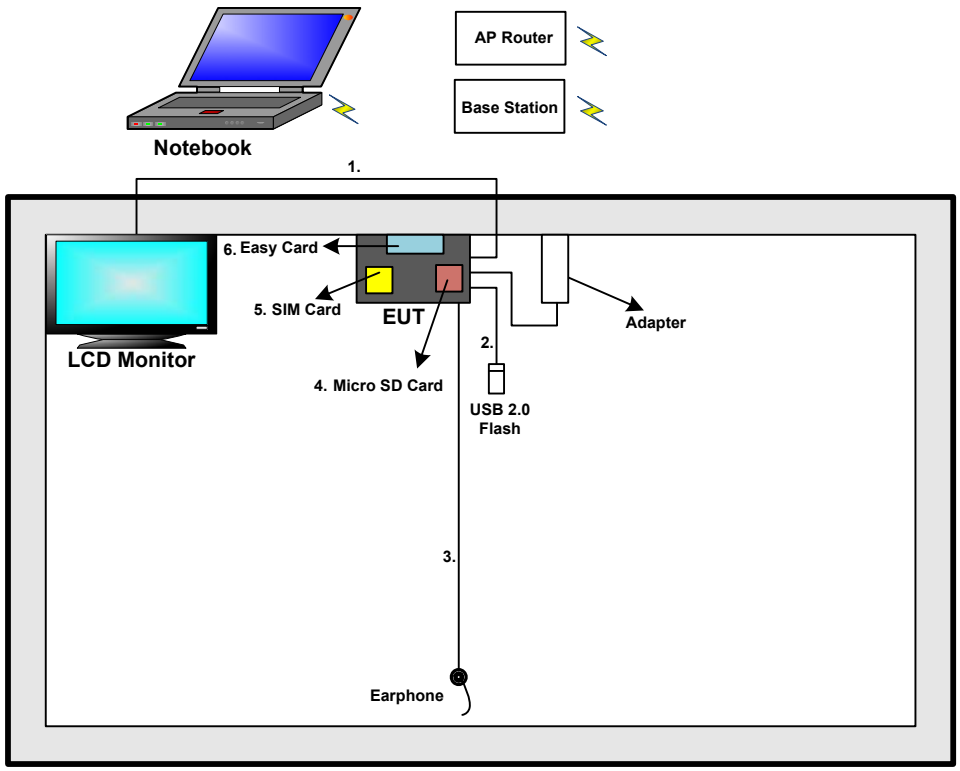


1. HDMI Cable was connected from EUT to support unit 1.
2. USB Cable was connected from EUT to support unit 2.
3. Audio Cable was connected from EUT to support unit 3.
4. Micro SD Card was plugged into the EUT.
5. SIM Card was plugged into the EUT.
6. Easy Card was plugged into the EUT.

Note: Above support unit on behalf of the meaning, please refer to section 2.2.

2.4 Connection Diagram of Test System for Radiation Emission

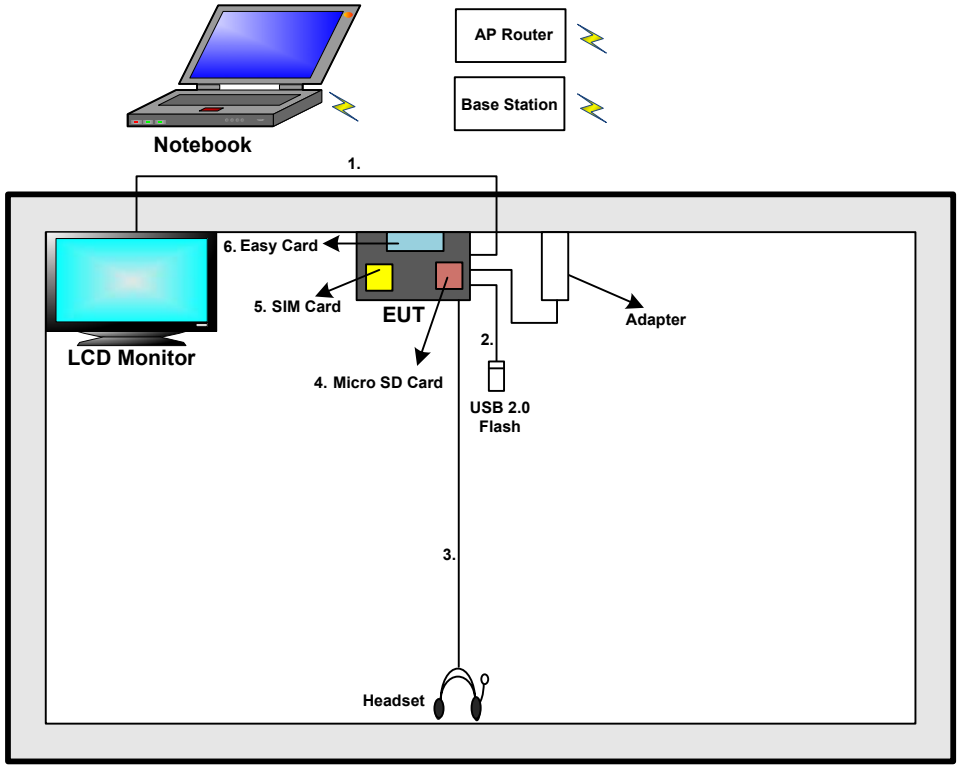
Test Setup Diagram - Radiated Test below 1GHz– Mode 1



1. HDMI Cable was connected from EUT to support unit 1.
2. USB Cable was connected from EUT to support unit 2.
3. Audio Cable was connected from EUT to support unit 3.
4. Micro SD Card was plugged into the EUT.
5. SIM Card was plugged into the EUT.
6. Easy Card was plugged into the EUT.

Note: Above support unit on behalf of the meaning, please refer to section 2.2.

Test Setup Diagram - Radiated Test above 1GHz – Mode 1



1. HDMI Cable was connected from EUT to support unit 1.
2. USB Cable was connected from EUT to support unit 2.
3. Audio Cable was connected from EUT to support unit 3.
4. Micro SD Card was plugged into the EUT.
5. SIM Card was plugged into the EUT.
6. Easy Card was plugged into the EUT.

Note: Above support unit on behalf of the meaning, please refer to section 2.2.

3. Test Software

Conduction & Radiated Test – Mode 1 :

a. One executive program was used as the test software under Win 8.
b. The programs were executed as follows:
c. EUT executed "BurnIn Test" to demonstrate “H pattern” on the Monitor.
d. EUT executed “WINTHRAX” to carry out continuous R/W function from USB Flash Disk and Micro SD Card.
e. EUT executed “Media player” to play audio sound via earphone or headset.
f. EUT conducted ”Sound Recorder” to record audio signal from the earphone or headset.
g. EUT opened wireless link function to maintain connection with the AP Router.
h. EUT opened BT function to maintain connection with the remote notebook.
i. EUT opened NFC function to link with the Easy Card.
j. EUT opened 3G function to maintain connection with Base station.

.

4. General Information of Test

4.1 Test Facility

For conducted emission

Test Site Location : No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei 114, Taiwan, R.O.C.
TEL : 886-2-2631-4739
FAX : 886-2-2631-9740

Test Site No. : CO01-NH

For radiated emission below 1GHz

Test Site Location : No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei 114, Taiwan, R.O.C.
TEL : 886-2-2631-4739
FAX : 886-2-2631-9740

Test Site No. : OS03-NH

For radiated emission above 1GHz

Test Site Location : No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.
TEL : 886-3-327-3456
FAX : 886-3-327-0973

Test Site No. : 03CH04-HY

4.2 Uncertainty of Test Site

Test Items	Test Site No.	Uncertainty	Remark
Conducted Emissions	CO01-NH	± 2.6dB	Confidence levels of 95%
Radiated Emissions below 1GHz	OS03-NH	± 2.9dB	Confidence levels of 95%
Radiated Emissions above 1GHz	03CH04-HY	± 4.7dB	Confidence levels of 95%

4.3 Test Voltage

120V / 60Hz

4.4 Standard for Methods of Measurement

ANSI C63.4-2009

4.5 Test in Compliance with

CISPR PUB. 22 and FCC Part 15 and Canada Standard ICES-003 Issue 5

4.6 Frequency Range Investigated:

a. Conducted emission test: from 150 kHz to 30 MHz
b. Radiated emission test: from 30 MHz to 13,000 MHz

4.7 Test Distance

a. The test distance of radiated emission from antenna to EUT is 10 M (from 30MHz ~ 1GHz)
b. The test distance of radiated emission from antenna to EUT is 3 M (from 1GHz ~ 9GHz)
c. The test distance of radiated emission from antenna to EUT is 1 M (from 9GHz ~ 13GHz)

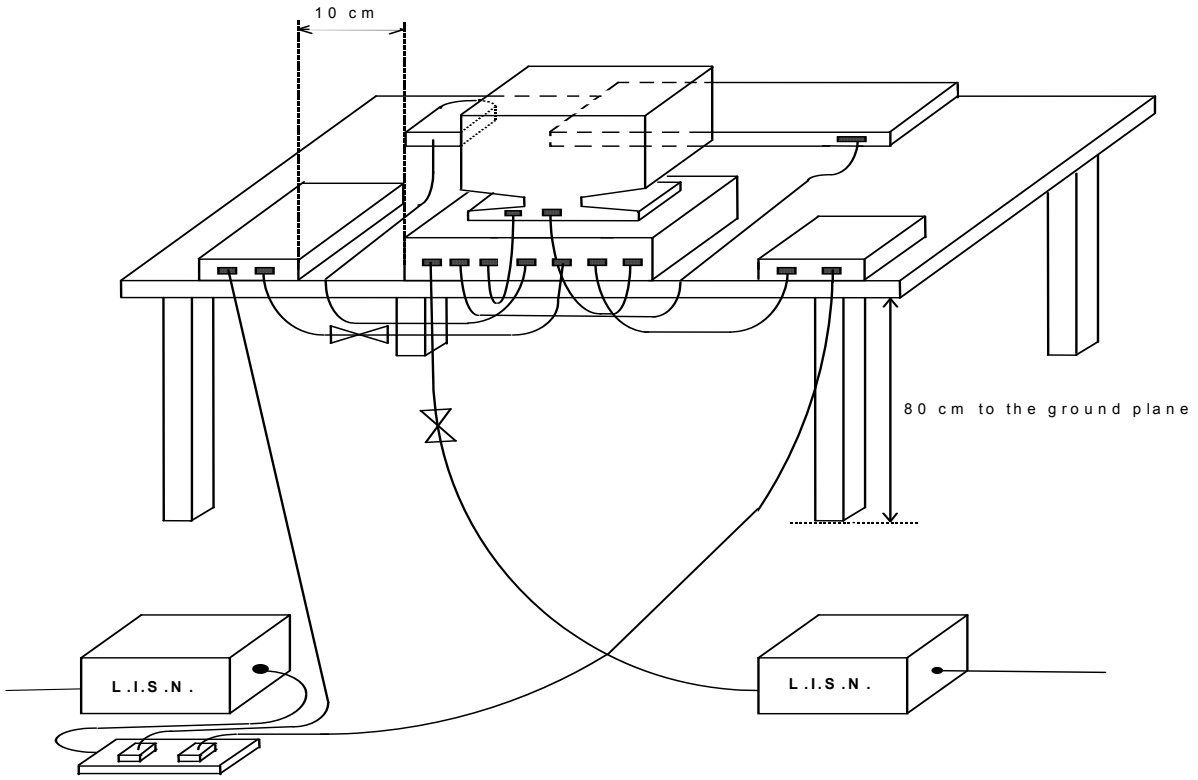
5. Test of Conducted Powerline

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 kHz and return leads of the EUT according to the methods defined in ANSI C63.4, Clause 7. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 5.3. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position producing maximum conducted emissions.

5.1 Test Procedures

a. The EUT was warmed up for 15 minutes before testing started.
b. The EUT was placed on a desk 0.8 meters height from the metal ground plane and 0.4 meter from the conducting wall of the shielding room and it was kept at least 0.8 meters from any other grounded conducting surface.
c. Connect EUT to the power mains through a line impedance stabilization network (LISN).
d. All the support units are connected to the other LISN.
e. The LISN provides 50 ohm coupling impedance for the measuring instrument.
f. The CISPR states that a 50 ohm, 50 micro henry LISN should be used.
g. Both sides of AC line were checked for maximum conducted interference.
h. The frequency range from 150 kHz to 30 MHz was searched.
i. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

5.2 Typical Test Setup Layout of Conducted Powerline



a. AMN and ISN are 80 cm from the EUT and at least 80 cm from other units and other metal planes.
b. EUT is connected to one artificial mains network (AMN).
c. All other units of a system are powered from a second AMN. A multiple outlet strip can be used for multiple mains cords.
d. Rear of EUT to be flushed with rear of table top.
e. Peripherals shall be placed at a distance of 10 cm from each other and from the controller, except for the monitor which, if this is an acceptable installation practice, shall be placed directly on the top of the controller.
f. If cables, which hang closer than 40 cm to the horizontal metal ground plane, cannot be shortened to appropriate length, the excess shall be folded back and forth forming a bundle 30 cm to 40 cm long.
g. Mains cords and signal cables shall be positioned for their entire lengths, as far as possible, at 40 cm from the vertical reference plane.
h. Cables of hand operated devices, such as keyboards, mice, etc. shall be placed as for normal usage.

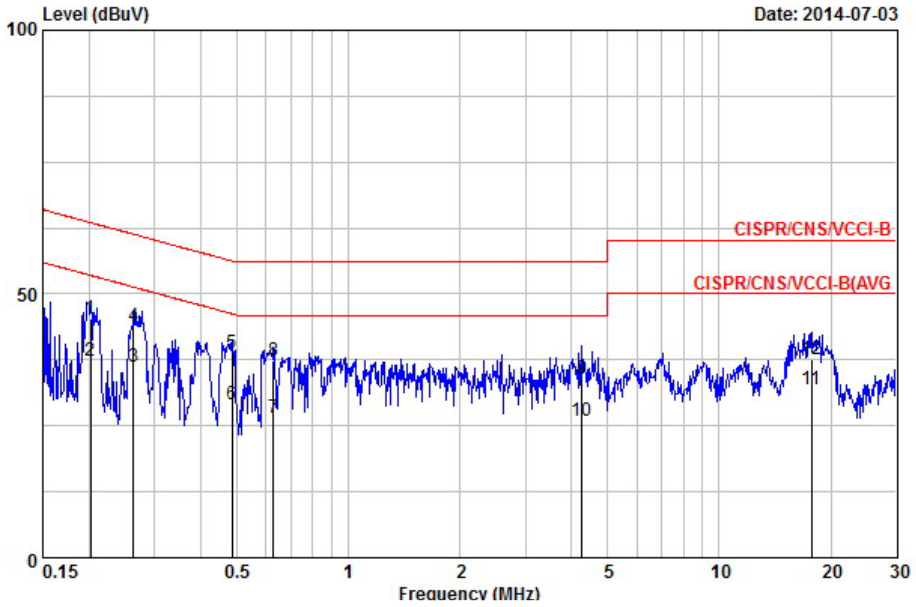
5.3 Test Result of AC Powerline Conducted Emission

Test Mode	Mode 1	Test Site No.	CO01-NH
Test Frequency	0.15 MHz ~ 30 MHz	Test Engineer	Willy
Temperature	24 ℃	Relative Humidity	56 %

Note: Corrected Reading (dBμV) = Probe Factor + Cable Loss + Read Level = Level

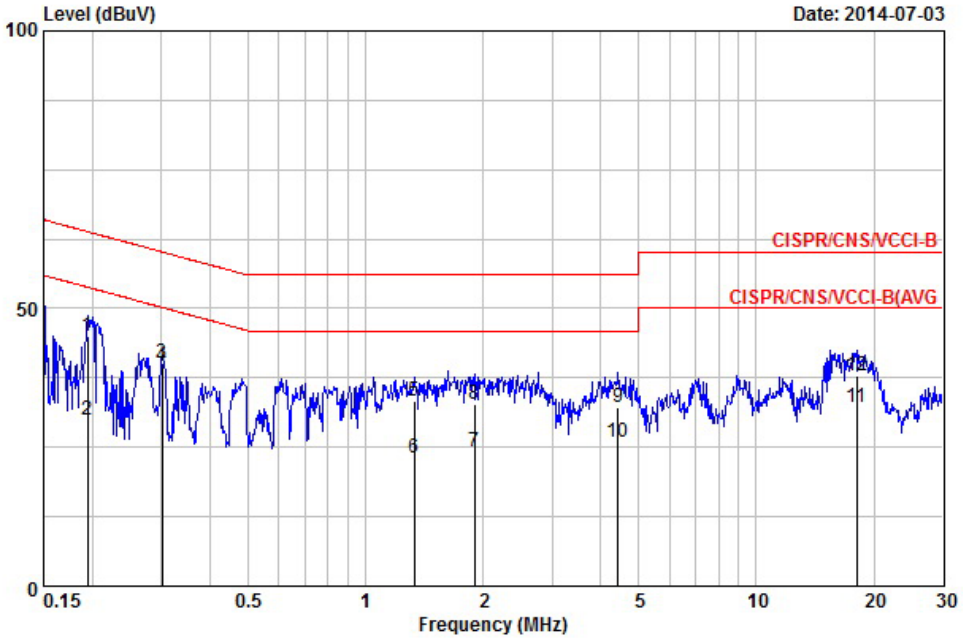
■ **The test was passed at the minimum margin that marked by the frame in the following data**

Line



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.201	45.34	-18.22	63.55	34.68	10.56	0.10	QP
2	0.201	37.34	-16.22	53.55	26.68	10.56	0.10	AVERAGE
3	0.263	36.04	-15.29	51.34	25.41	10.53	0.10	AVERAGE
4	0.263	43.77	-17.56	61.34	33.14	10.53	0.10	QP
5	0.486	38.79	-17.44	56.23	28.19	10.49	0.10	QP
6	0.486	29.02	-17.21	46.23	18.42	10.49	0.10	AVERAGE
7	0.627	26.37	-19.63	46.00	15.77	10.50	0.10	AVERAGE
8	0.627	37.33	-18.67	56.00	26.73	10.50	0.10	QP
9	4.269	33.96	-22.04	56.00	23.15	10.61	0.20	QP
10	4.269	26.01	-19.99	46.00	15.20	10.61	0.20	AVERAGE
11	17.755	31.83	-18.17	50.00	20.65	10.88	0.30	AVERAGE
12	17.755	37.64	-22.36	60.00	26.46	10.88	0.30	QP

Neutral



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.194	44.93	-18.91	63.84	34.75	10.08	0.10	QP
2	0.194	29.90	-23.94	53.84	19.72	10.08	0.10	AVERAGE
3	0.302	40.30	-19.89	60.19	30.12	10.08	0.10	QP
4	0.302	39.68	-10.51	50.19	29.50	10.08	0.10	AVERAGE
5	1.331	33.42	-22.58	56.00	23.18	10.10	0.14	QP
6	1.331	23.13	-22.87	46.00	12.89	10.10	0.14	AVERAGE
7	1.898	24.30	-21.70	46.00	13.99	10.12	0.19	AVERAGE
8	1.898	32.86	-23.14	56.00	22.55	10.12	0.19	QP
9	4.430	32.21	-23.79	56.00	21.83	10.18	0.20	QP
10	4.430	25.88	-20.12	46.00	15.50	10.18	0.20	AVERAGE
11	18.039	32.18	-17.82	50.00	21.44	10.44	0.30	AVERAGE
12	18.039	37.93	-22.07	60.00	27.19	10.44	0.30	QP

5.4 Photographs of Conducted Power line Test Configuration

- The photographs show the configuration that generates the maximum emission.

FRONT VIEW

REAR VIEW

SIDE VIEW

6. Test of Radiated Emission

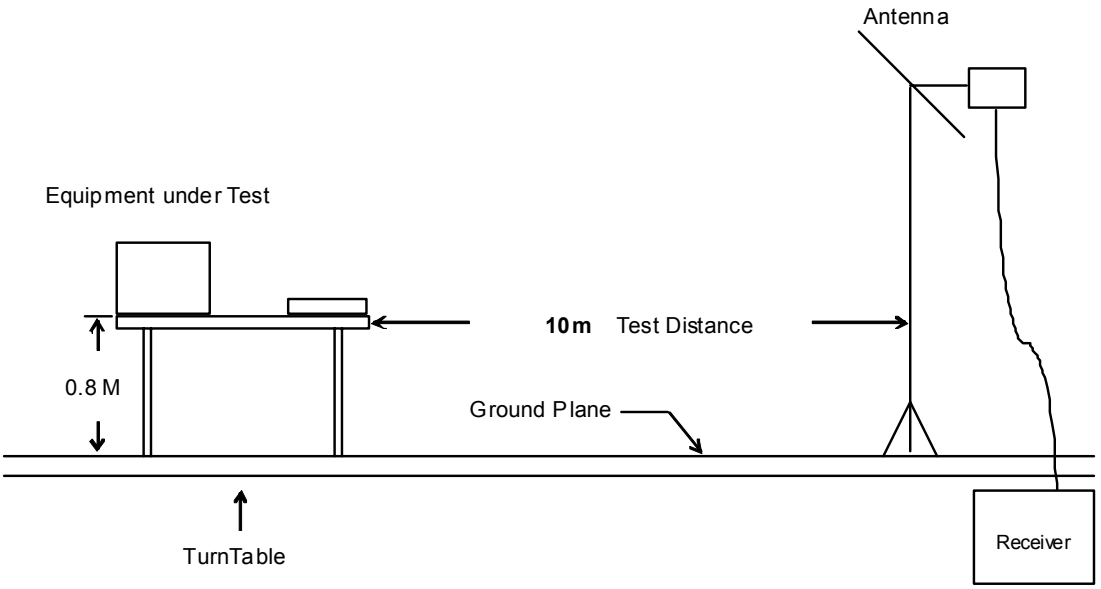
Radiated emissions below 1 GHz were measured with a bandwidth of 120 kHz for 30 MHz to 1,000 MHz and bandwidth of 1 MHz for above 1 GHz to 5th harmonic of highest frequency according to the methods defines in ANSI C63.4, Clause 8. The EUT was placed on a nonmetallic stand, 0.8 meter above the ground plane, as shown in section 6.3. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions.

6.1 Test Procedures

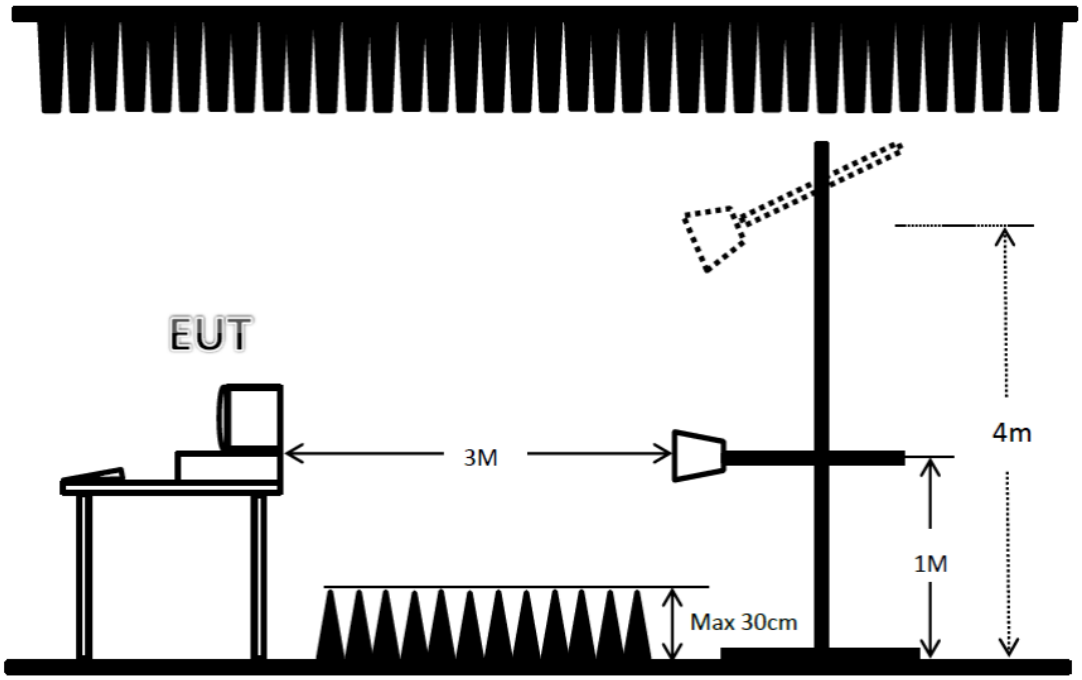
a. The EUT was placed on a rotatable table top 0.8 meter above ground.
b. The EUT was set 3/1m(above 1GHz)/10m(below 1GHz) from the interference-receiving antenna which was mounted on the top of a variable height antenna tower.
c. The table was rotated 360 degrees to determine the position of the highest radiation.
d. The antenna is a half wave dipole and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
e. For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
f. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.
g. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.
h. The FCC Part 15.109 (g) permit parties seeking to authorize a digital device to choose to demonstrate that the device complies with either the Part 15 standards or the international standards found in Publication 22 of the International Special Committee on Radio Interference (CISPR).
i. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
j. The main board was tested in accordance with section 15.32 of the FCC rules. Testing for radiated emissions was first performed with the main board installed in a typical enclosure but with the enclosure's cover removed so that the internal circuitry is exposed at the top and on at least two sides. And then the EUT was tested with enclosure's cover unless it pass the required limits at first condition.

6.2 Typical Test Setup Layout of Radiated Emission

< Below 1GHz >



< Above 1GHz >



6.3 Test Result of Radiated Emission (Below 1GHz)

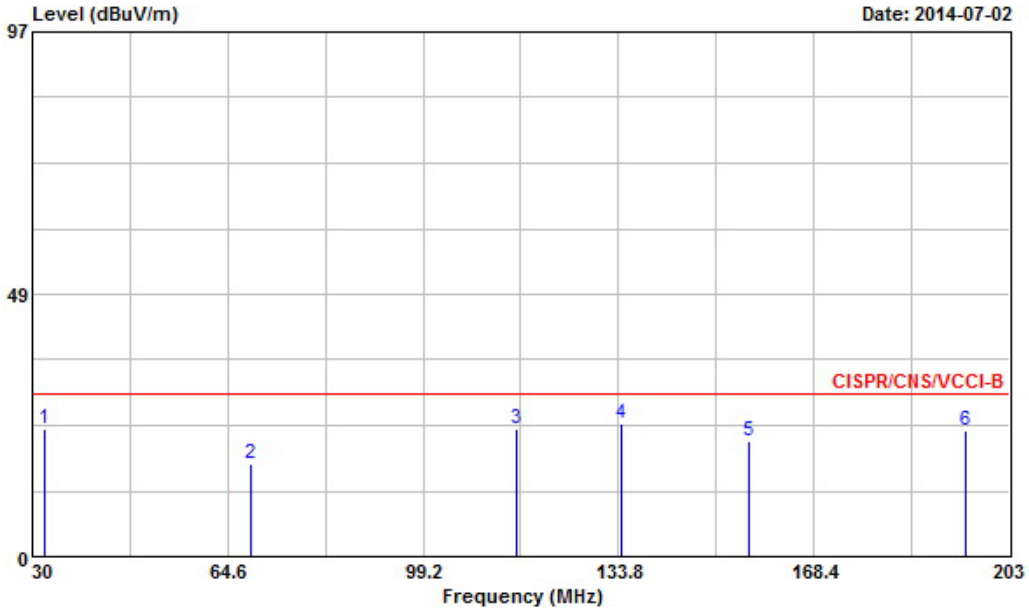
Test mode	Mode 1	Test Site No.	OS03-NH
Test frequency	30 MHz ~ 1000 MHz	Test Engineer	Alan
Temperature	26 ℃	Relative Humidity	54 %

Note: 1. Emission level (dBμV/m) = 20 log Emission level (μV/m)

2. Corrected Reading : Probe Factor + Cable Loss + Read Level – Preamp Factor = Level

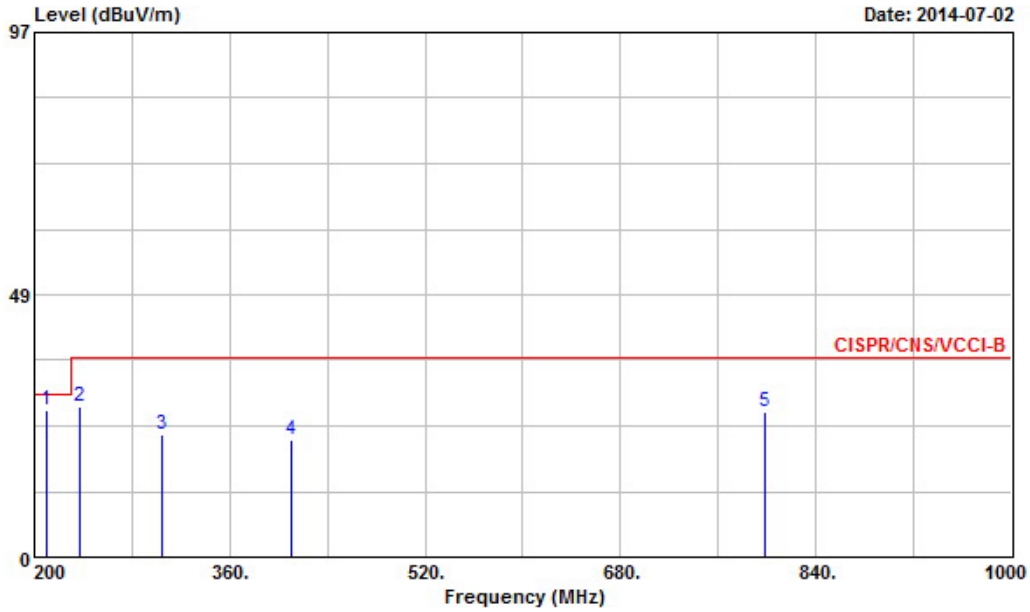
■ **The test was passed at the minimum margin that marked by the frame in the following data**

Vertical



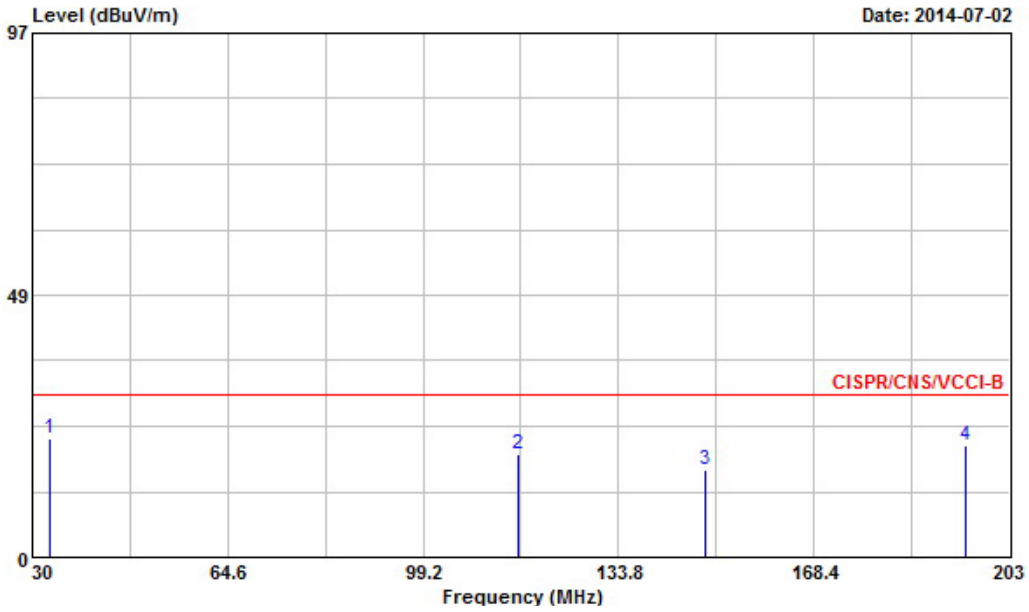
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	32.080	23.51	-6.49	30.00	33.40	17.69	0.88	28.46	Peak	---	---
2	68.750	17.29	-12.71	30.00	37.81	6.48	1.35	28.35	Peak	---	---
3	115.640	23.72	-6.28	30.00	37.86	12.29	1.79	28.22	Peak	---	---
4 @	134.150	24.62	-5.38	30.00	38.95	11.87	1.95	28.15	Peak	---	---
5	156.810	21.38	-8.62	30.00	36.99	10.35	2.11	28.07	Peak	---	---
6	195.390	23.15	-6.85	30.00	39.20	9.52	2.36	27.93	Peak	---	---

Vertical



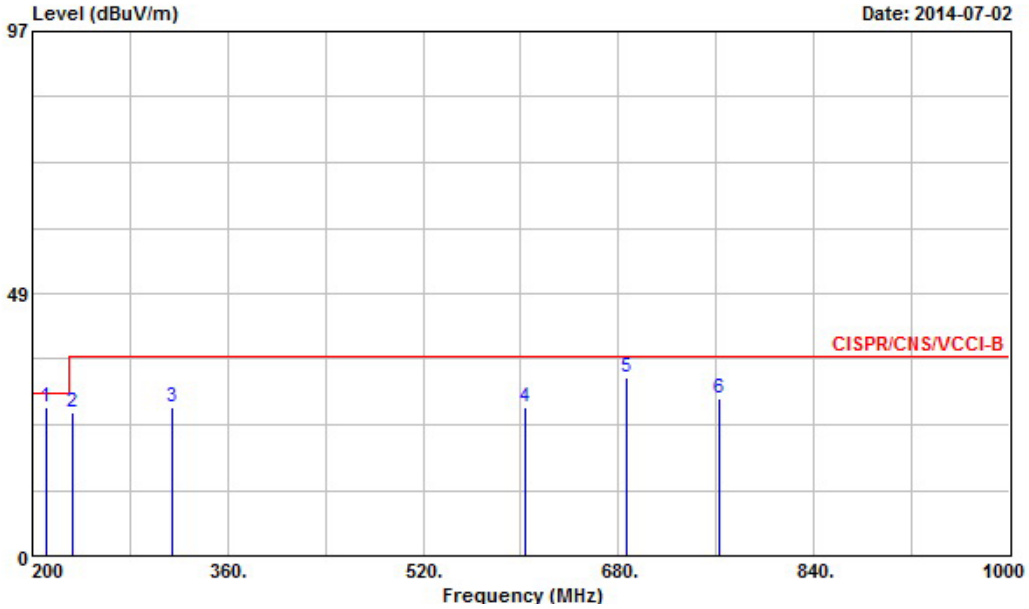
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	210.400	27.07	-2.93	30.00	42.40	10.14	2.43	27.90	QP	---	---
2	236.800	27.72	-9.28	37.00	41.40	11.59	2.58	27.85	Peak	---	---
3	304.000	22.61	-14.39	37.00	34.01	13.37	2.99	27.76	Peak	---	---
4	410.400	21.73	-15.27	37.00	30.80	15.93	3.51	28.51	Peak	---	---
5	797.600	26.74	-10.26	37.00	30.61	19.93	5.07	28.87	Peak	---	---

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	33.110	21.91	-8.09	30.00	32.40	17.07	0.90	28.46	Peak	---	---
2	116.150	19.16	-10.84	30.00	33.22	12.36	1.79	28.21	Peak	---	---
3	149.200	16.24	-13.76	30.00	31.58	10.72	2.04	28.10	Peak	---	---
4	195.390	20.75	-9.25	30.00	36.80	9.52	2.36	27.93	Peak	---	---

Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	211.200	27.53	-2.47	30.00	42.81	10.19	2.43	27.90	QP	100	163
2	232.800	26.47	-10.53	37.00	40.41	11.37	2.55	27.86	Peak	---	---
3	314.400	27.45	-9.55	37.00	38.60	13.63	3.06	27.84	Peak	---	---
4	604.000	27.45	-9.55	37.00	33.40	18.82	4.32	29.09	Peak	---	---
5 @	686.400	32.83	-4.17	37.00	38.20	19.02	4.65	29.04	Peak	---	---
6	762.400	29.05	-7.95	37.00	33.39	19.62	4.97	28.93	Peak	---	---

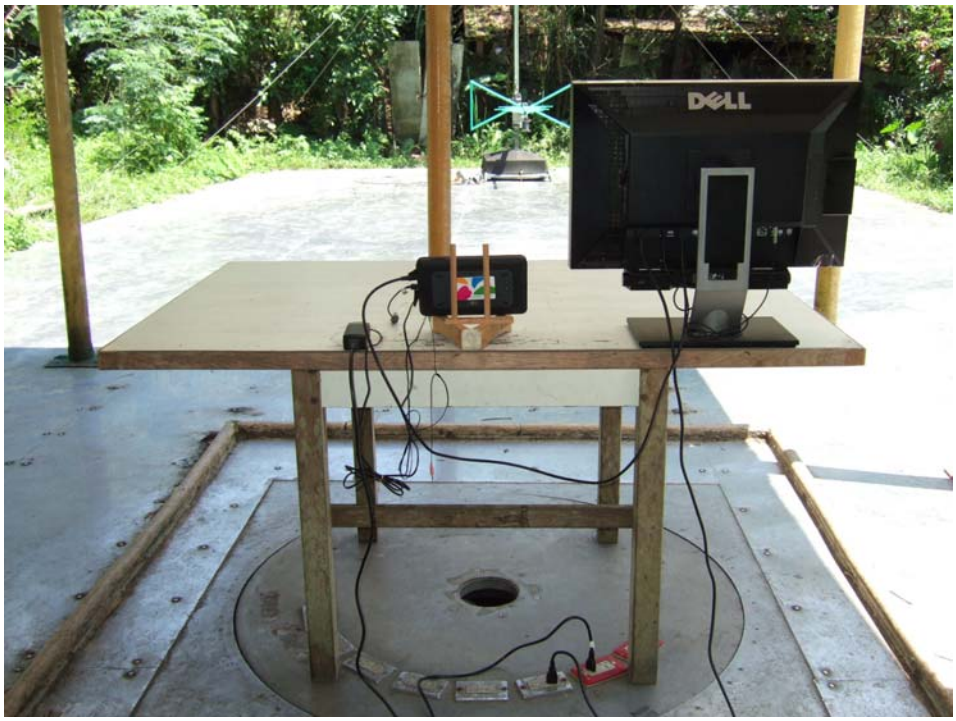
6.4 Photographs of Radiated Emission (Below 1GHz) Test Configuration

- The photographs show the configuration that generates the maximum emission.

Mode 1

FRONT VIEW

REAR VIEW



6.5 Test Result of Radiated Emission (Above 1GHz)

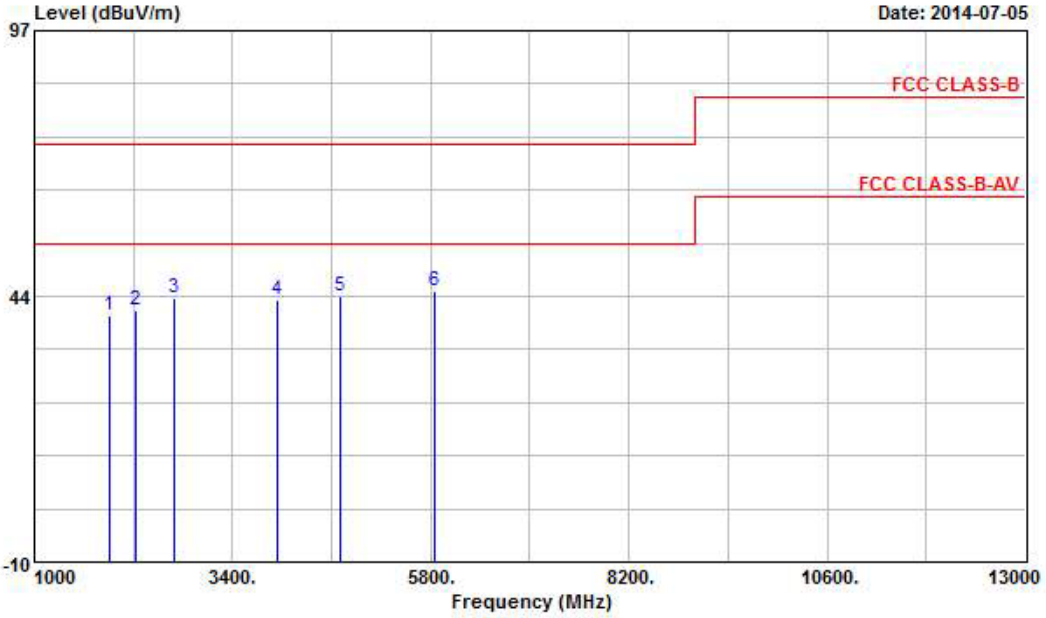
Test mode	Mode 1	Test Site No.	03CH04-HY
Test frequency	1 GHz ~ 13 GHz	Test Engineer	Alan
Temperature	23 ℃	Relative Humidity	52 %

Note: 1. Emission level (dBμV/m) = 20 log Emission level (μV/m)

2. Corrected Reading : Antenna Factor + Cable Loss + Read Level − Preamp Factor = Level

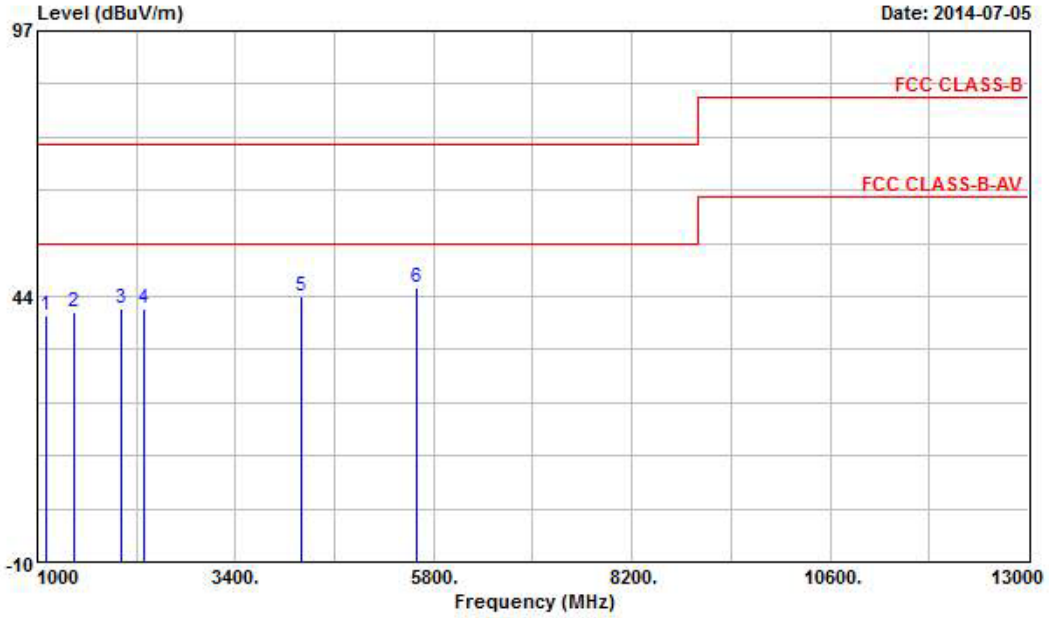
■ The test was passed at the minimum margin that marked by the frame in the following data

Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1918.000	39.76	-34.24	74.00	45.06	26.05	33.56	2.21	---	---	Peak
2	2220.000	40.52	-33.48	74.00	45.22	26.64	33.73	2.39	---	---	Peak
3	2686.000	43.15	-30.85	74.00	46.87	27.67	34.11	2.72	---	---	Peak
4	3933.000	42.79	-31.21	74.00	43.17	29.42	34.32	4.53	---	---	Peak
5	4698.000	43.46	-30.54	74.00	43.17	31.03	34.39	3.66	---	---	Peak
6	5853.000	44.71	-29.29	74.00	42.92	32.21	34.41	3.99	---	---	Peak

Horizontal



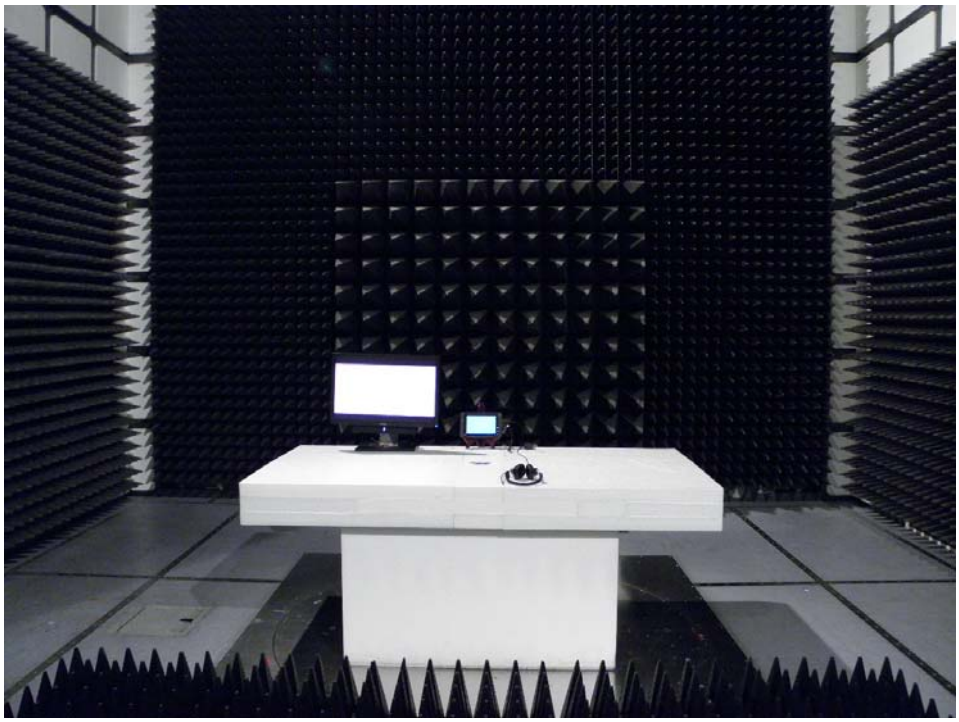
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1102.000	39.50	-34.50	74.00	47.29	24.93	34.37	1.65	---	---	Peak
2	1438.000	40.20	-33.80	74.00	46.53	25.69	33.87	1.85	---	---	Peak
3	2014.000	41.17	-32.83	74.00	46.31	26.14	33.54	2.27	---	---	Peak
4	2292.000	41.00	-33.00	74.00	45.56	26.80	33.80	2.44	---	---	Peak
5	4206.000	43.43	-30.57	74.00	43.43	30.02	34.35	4.33	---	---	Peak
6	5598.000	45.40	-28.60	74.00	43.94	31.90	34.31	3.86	100	195	Peak

6.6 Photographs of Radiated Emission (Above 1GHz) Test Configuration

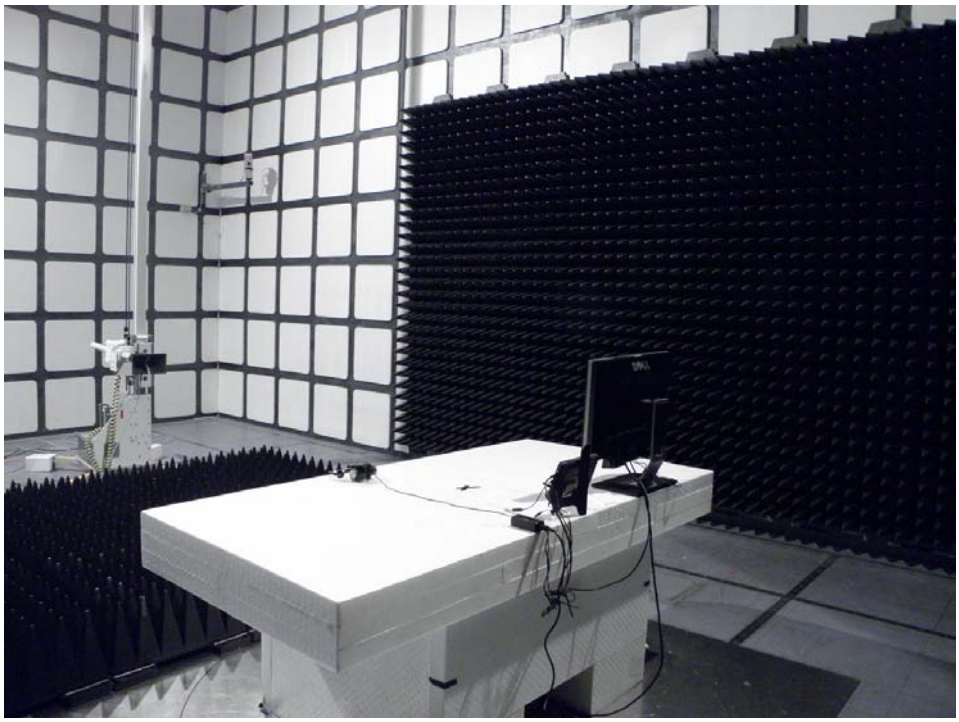
- The photographs show the configuration that generates the maximum emission.

Mode 1

FRONT VIEW



REAR VIEW



7. List of Measuring Equipment Used

< Conducted Emission >

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Receiver	R&S	ESCS 30	100167	9 kHz - 2.75 GHz	Nov. 05, 2013	Conduction (CO01-NH)
LISN	SCHAFFNER	NNB41	06/10024	9kHz - 30MHz	Dec. 05, 2013	Conduction (CO01-NH)
LISN	KYORITSU	KNW-407	8-1010-15	9kHz – 30MHz	N/A	Conduction (CO01-NH)
Power Filter	CORCOM	MR12030	N/A	30A*2	N/A	Conduction (CO01-NH)
RF Cable-CON	Suhner Switzerland	RG223/U	CB004	9kHz - 30MHz	Dec. 11, 2013	Conduction (CO01-NH)

※ Calibration Interval of instruments listed above is one year.

< Radiated Emission below 1GHz >

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Open Area Test Site	SPORTON	OATS-10	OS03-NH	30 MHz - 1 GHz 10m, 3m	Nov. 10, 2013	Radiation (OS03-NH)
Amplifier	HP	8447D	2944A08292	0.1 MHz - 1.3 GHz	Apr. 29, 2014	Radiation (OS03-NH)
Spectrum Analyzer	R&S	R3261C	81720147	9 kHz – 2.6 GHz	Oct. 28, 2013	Radiation (OS03-NH)
Receiver	R&S	ESCS 30	838251/002	9 kHz - 2.75 GHz	Oct. 23, 2013	Radiation (OS03-NH)
Bilog Antenna	CHASE	CBL6112D	25234	30 MHz - 2 GHz	Feb. 28, 2014	Radiation (OS03-NH)
Turn Table	EMCO	2080	9805-2065	0 - 360 degree	N/A	Radiation (OS03-NH)
Antenna Mast	EMCO	2075	9804-2151	1 m - 4 m	N/A	Radiation (OS03-NH)
RF Cable-R10m	HSCN	RG213U	2X11N	30 MHz - 1 GHz	Aug. 08, 2013	Radiation (OS03-NH)

※ Calibration Interval of instruments listed above is one year.

< Radiated Emission above 1GHz >

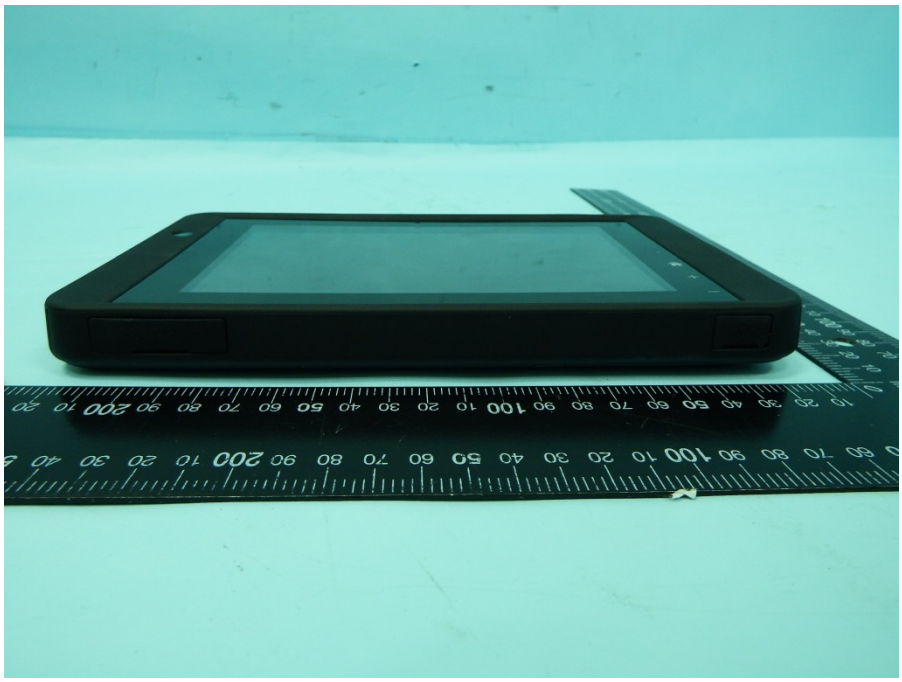
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Spectrum Analyzer	R&S	FSP40	100593	9 kHz ~ 40 GHz	Oct. 03, 2013	Radiation (03CH04-HY)
Amplifier	Agilent	8449B	3008A02326	1GHz ~ 26.5GHz	May 22, 2014	Radiation (03CH04-HY)
Horn Antenna	SCHWARZBECK	BBHA9120	BBHA9120D1130	1 GHz ~ 18 GHz	Sep. 10, 2013	Radiation (03CH04-HY)
Turn Table	Chaintek	3000	MF7802056	0 ~ 360 degree	NCR	Radiation (03CH04-HY)
Antenna Mast	MF	MF-7802	MF780208163	1 m ~ 4 m	NCR	Radiation (03CH04-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX 106	CB063-HF	1 GHz ~ 40 GHz	Nov. 20 , 2013	Radiation (03CH04-HY)

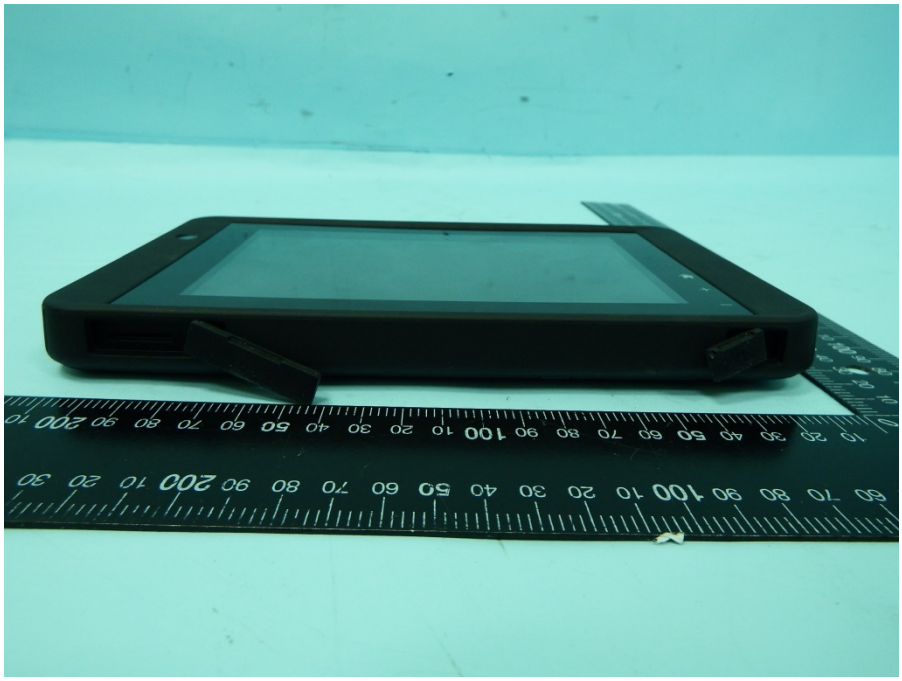
※ Calibration Interval of instruments listed above is one year.

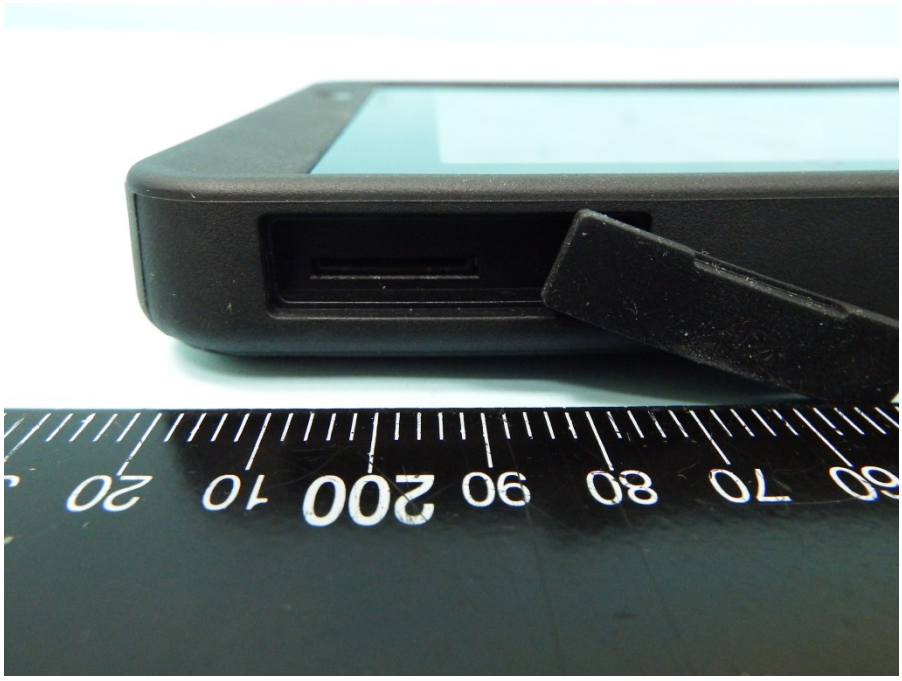
8. Modification of EUT

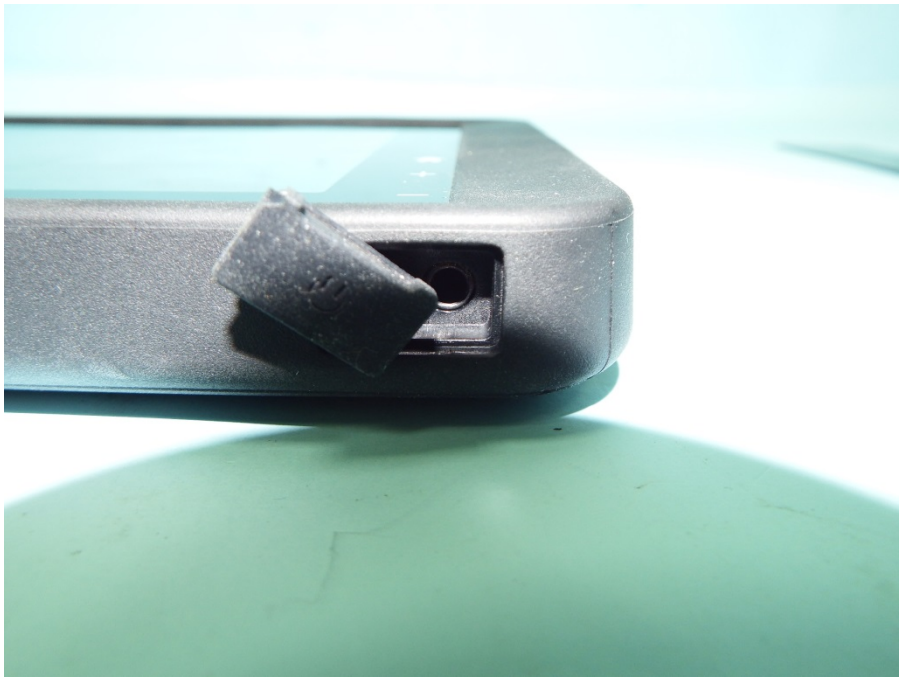
Please refer to the Photographs of EUT.

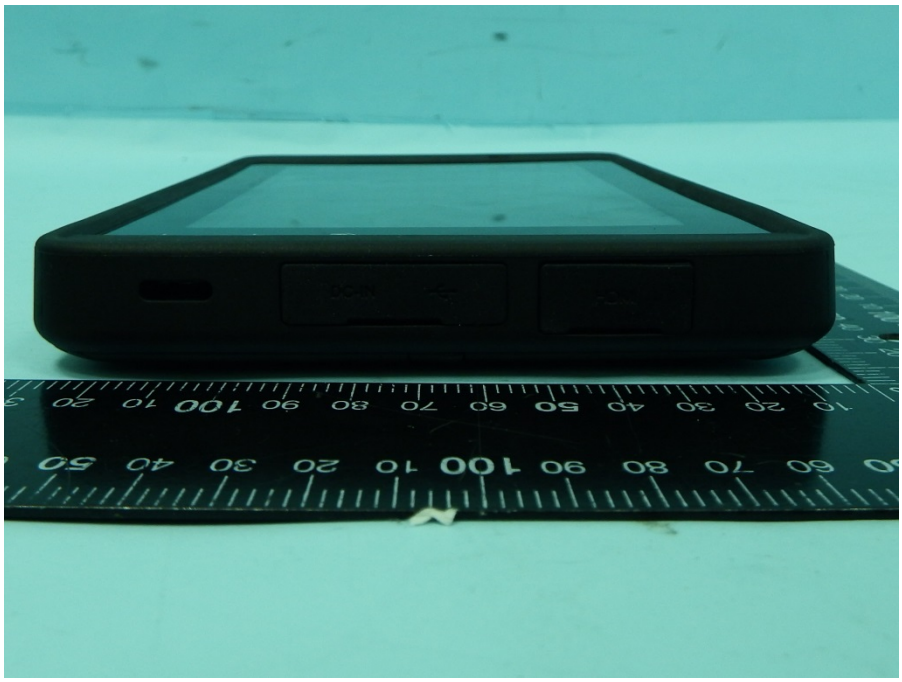
APPENDIX A. Photographs of EUT

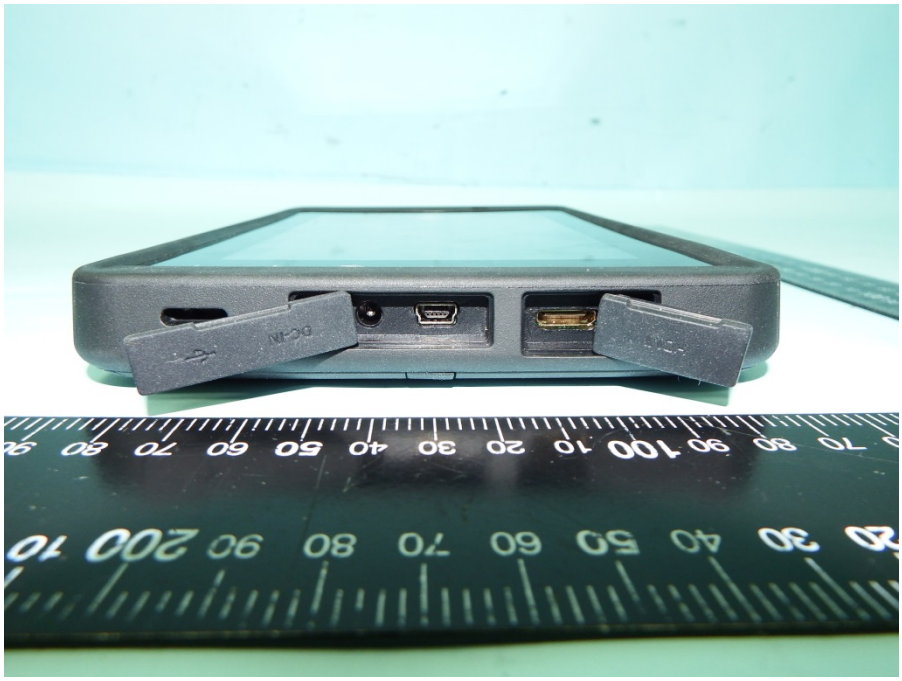


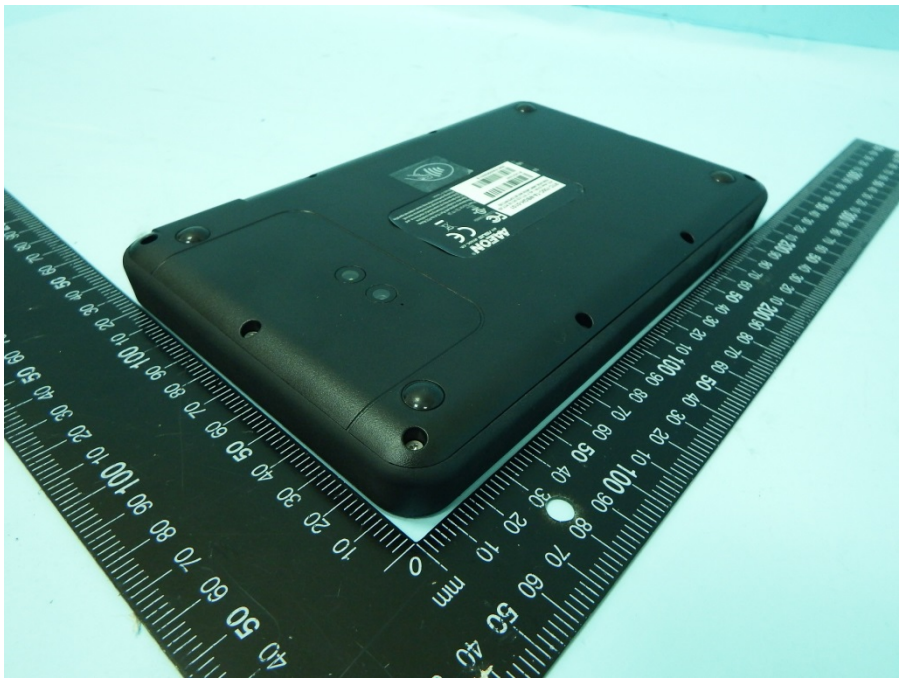


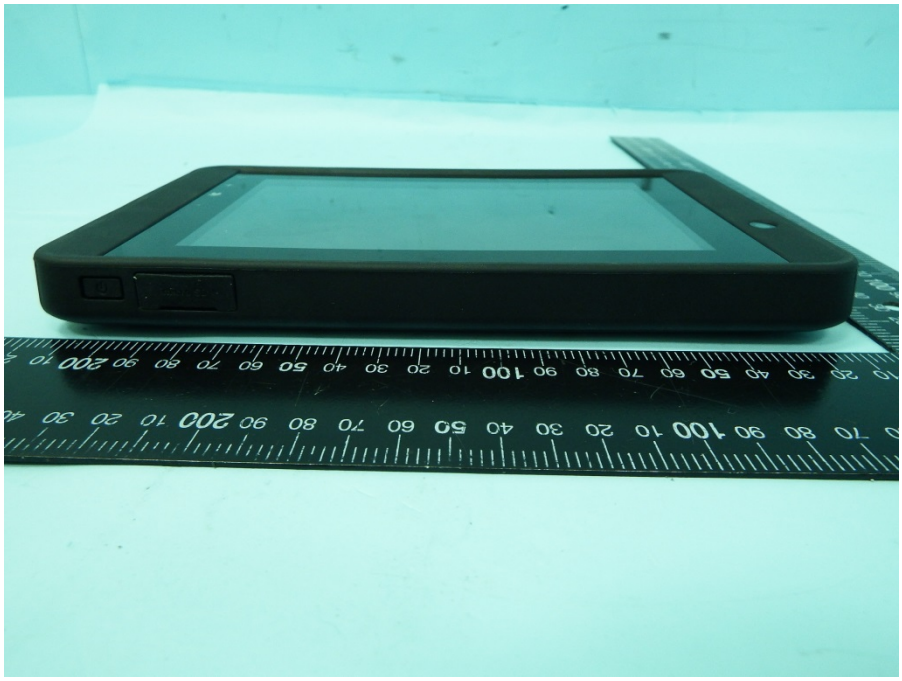

20 10 200 90 80 70

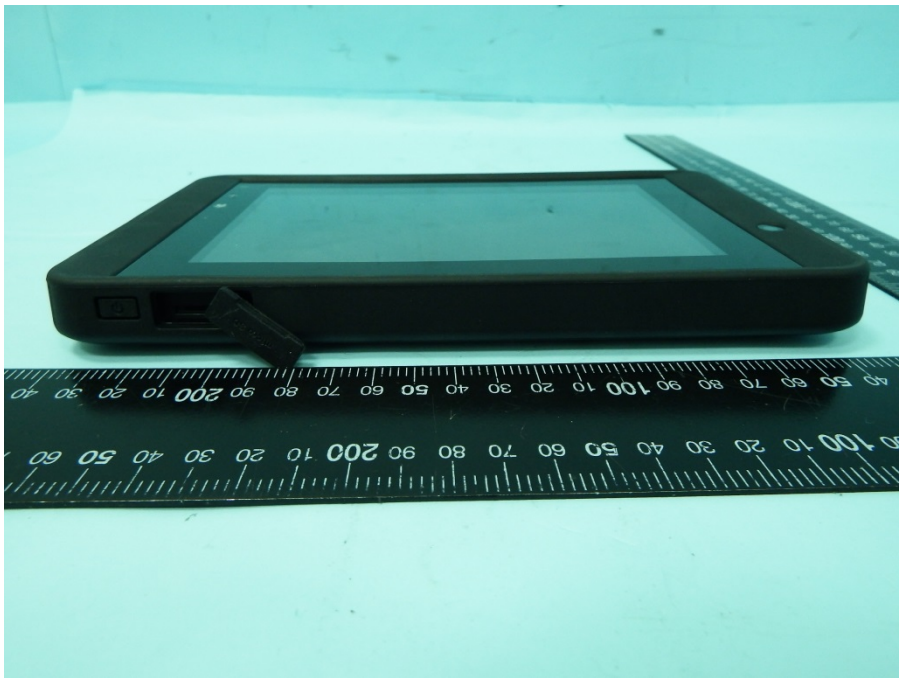


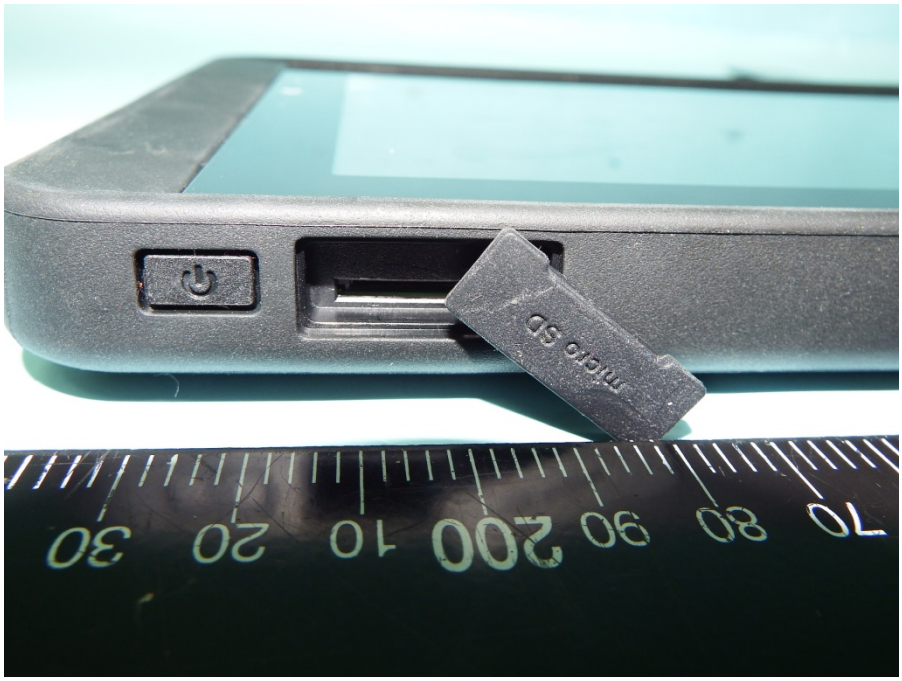


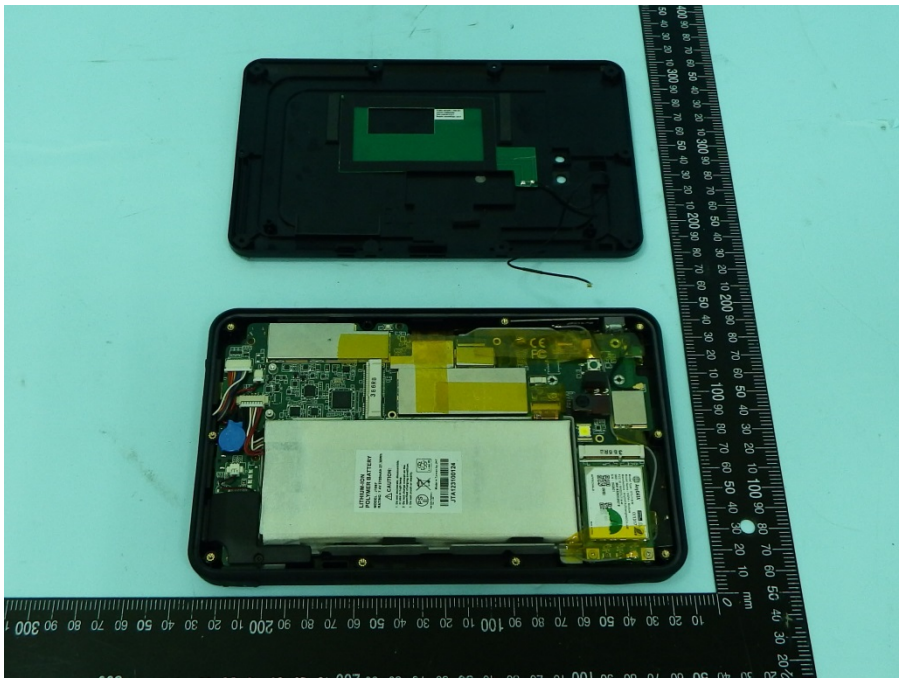


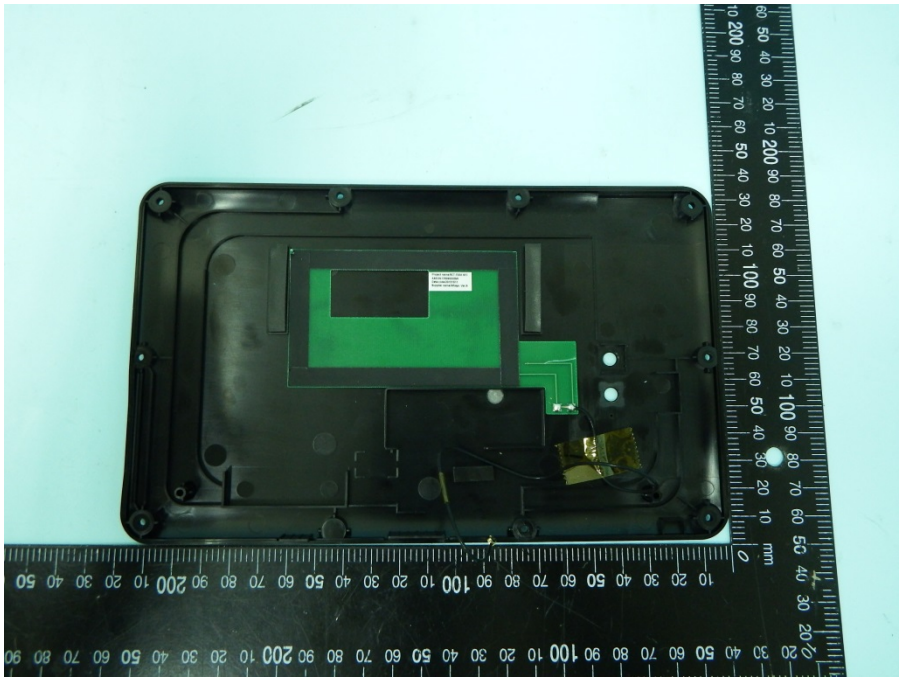


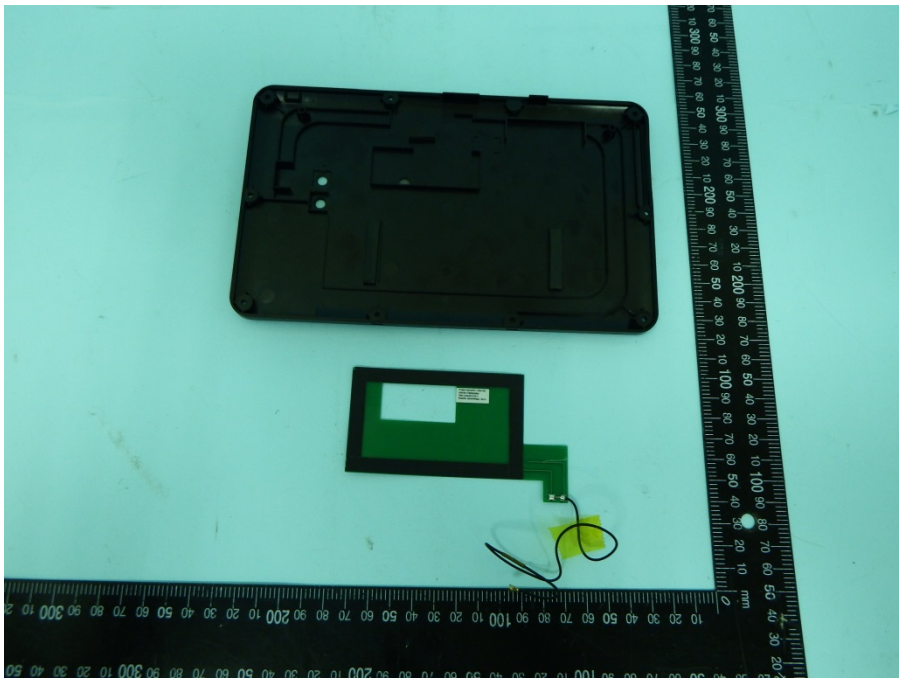




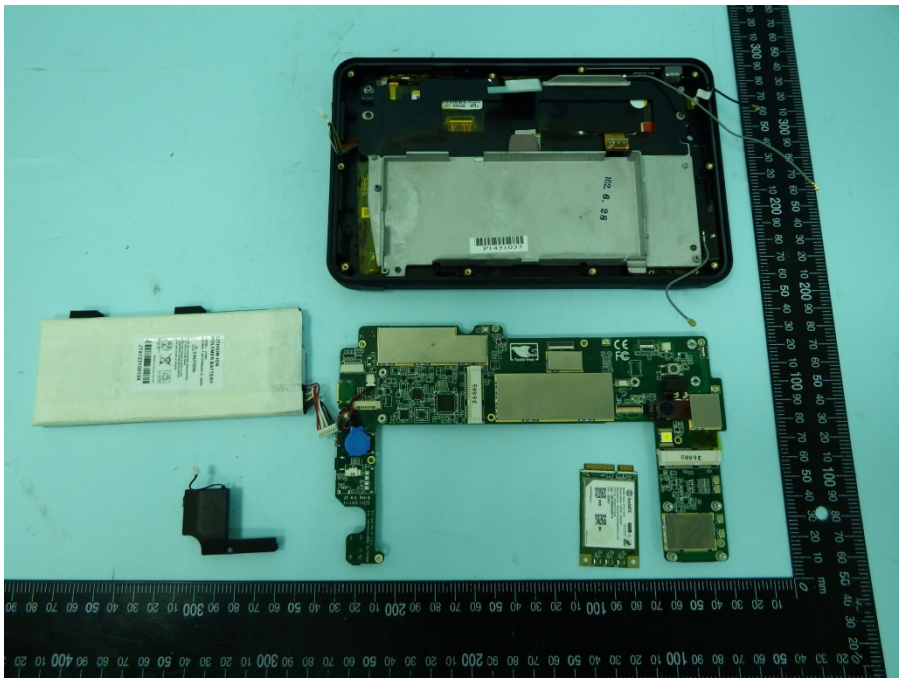

micro SD



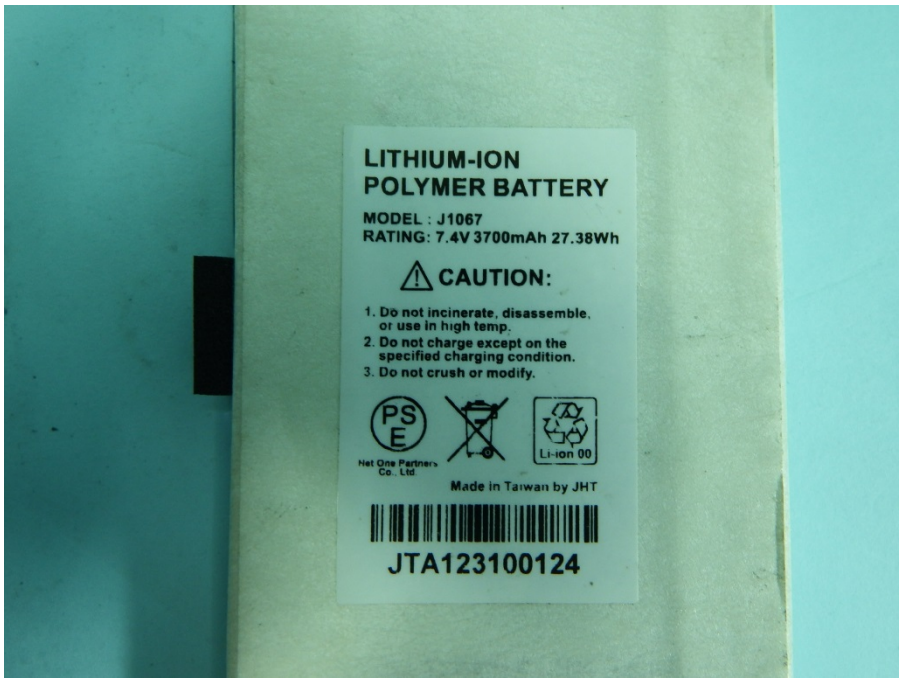


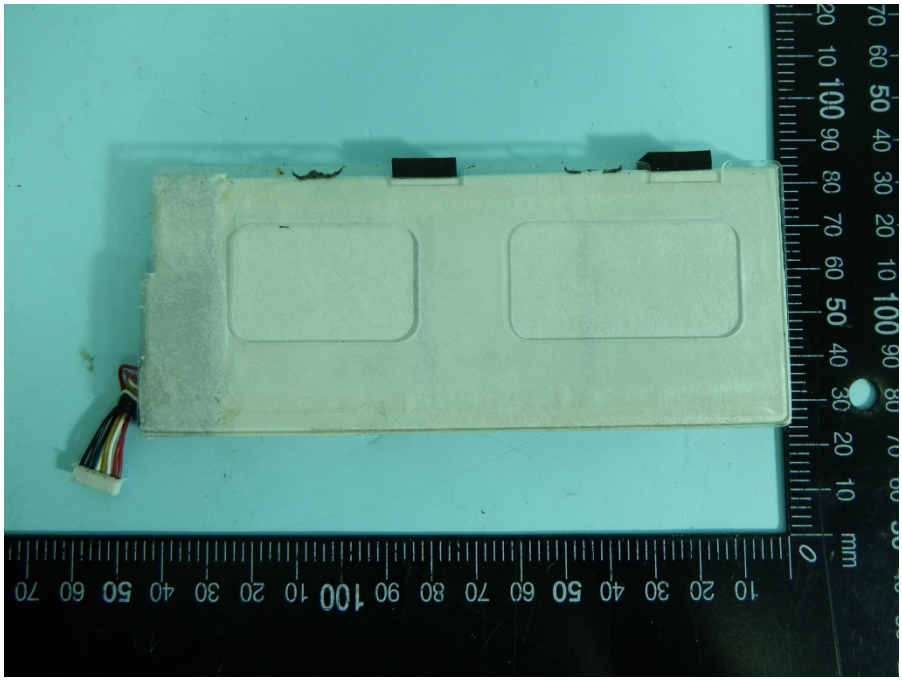


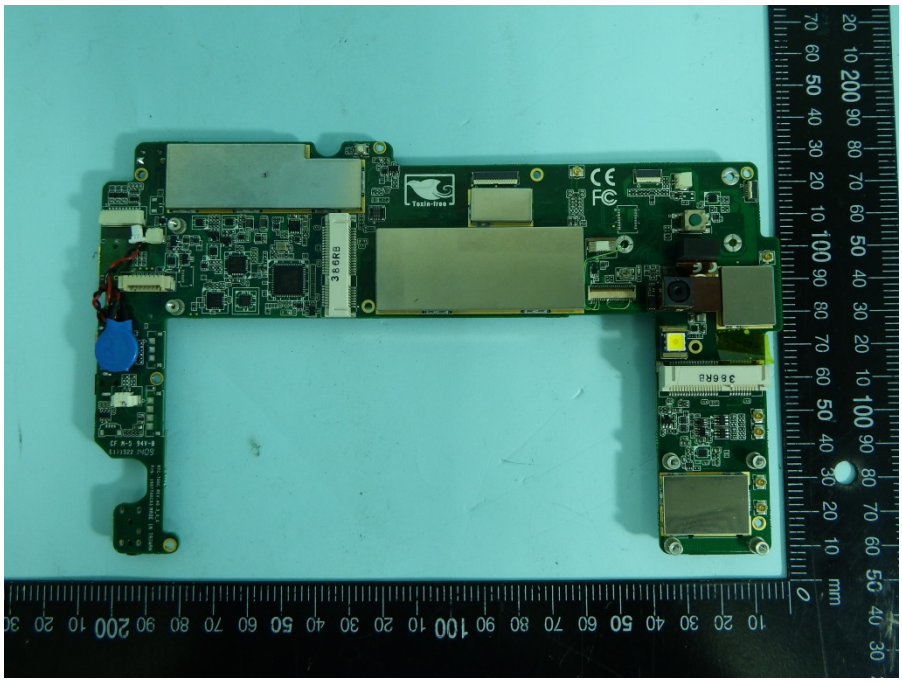

LITHIUM-ION
POLYMER BATTERY
CAUTION:
JTA123100124

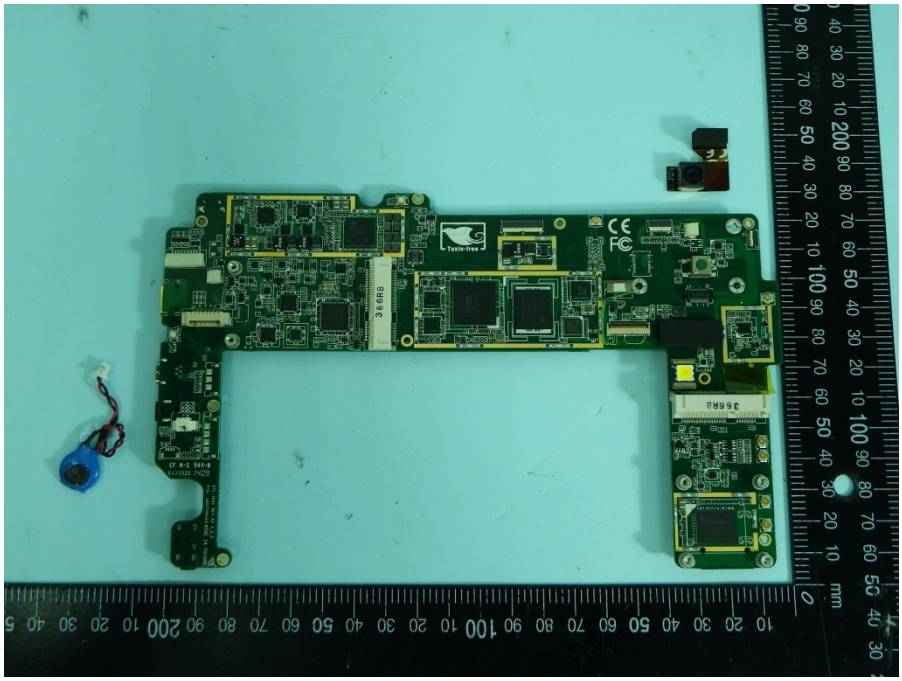


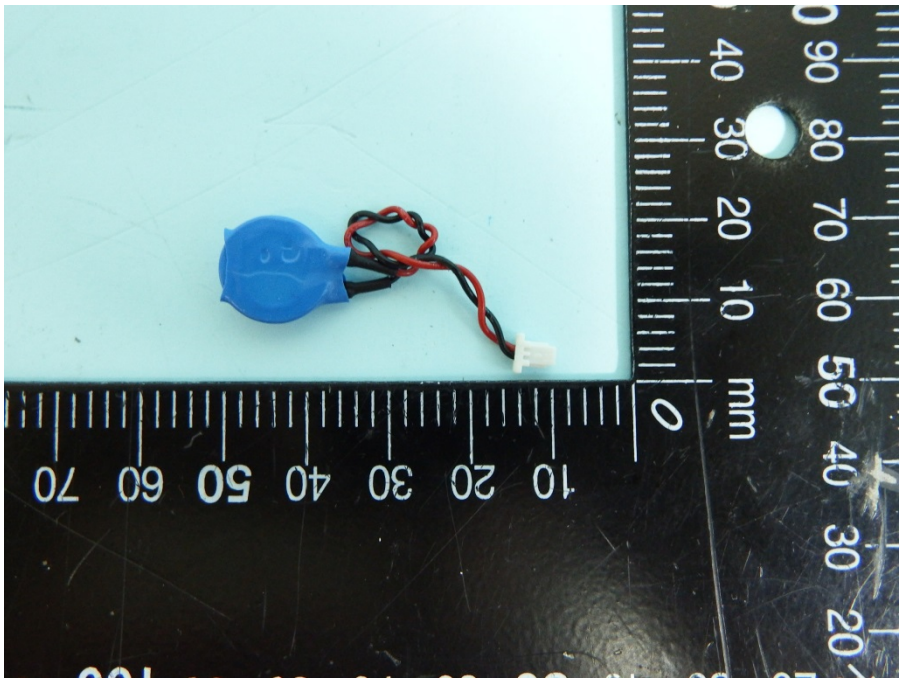

LITHIUM-ION
POLYMER BATTERY
CAUTION:
J1TA1231001124

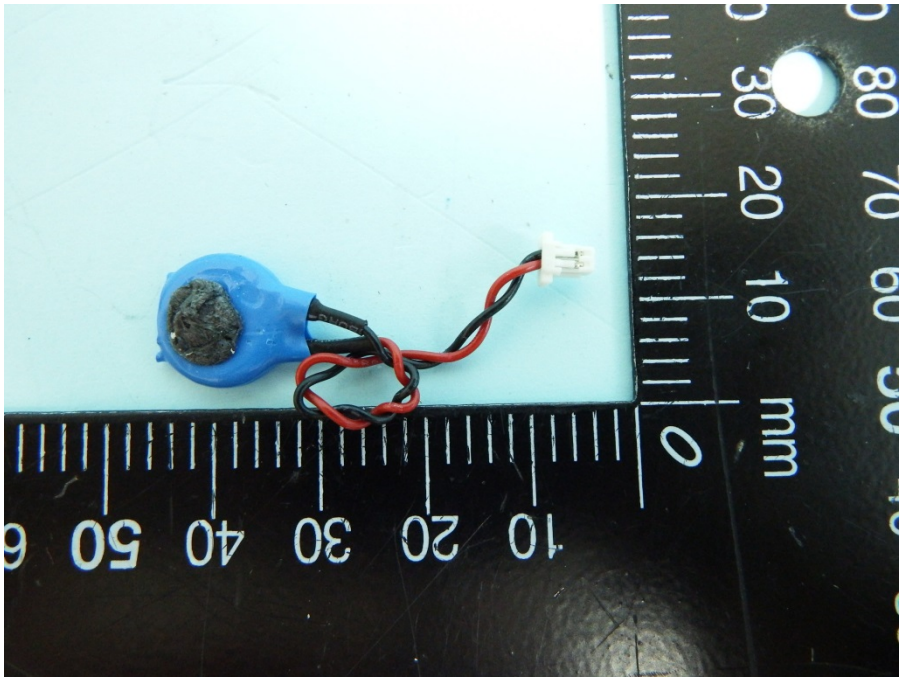

LITHIUM-ION
POLYMER BATTERY
MODEL : J1067
RATING: 7.4V 3700mAh 27.38Wh
CAUTION:
1. Do not incinerate, disassemble, or use in high temp.
2. Do not charge except on the specified charging condition.
3. Do not crush or modify.
Made in Taiwan by JHT
JTA123100124

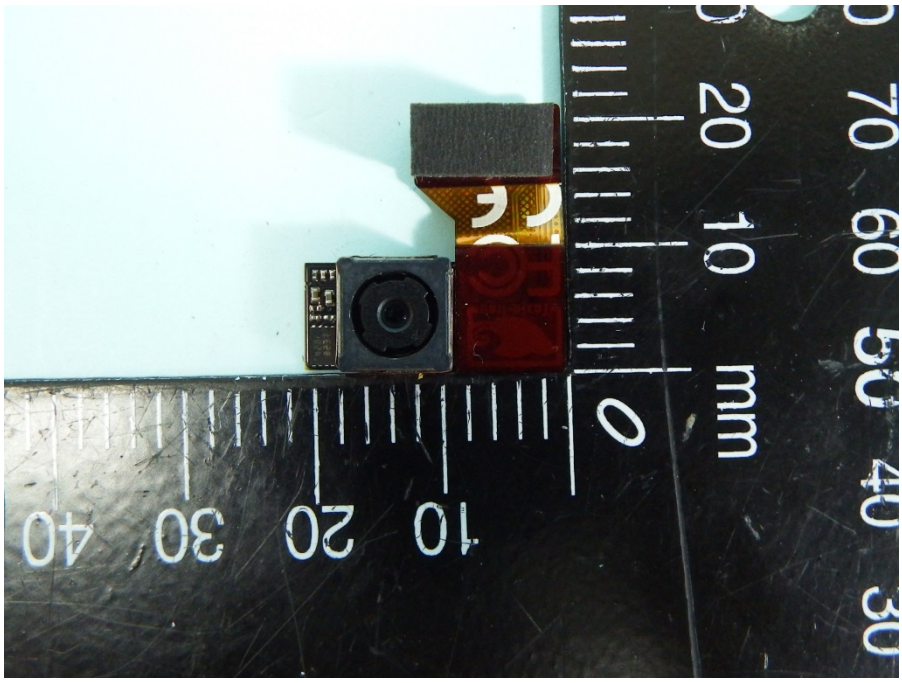


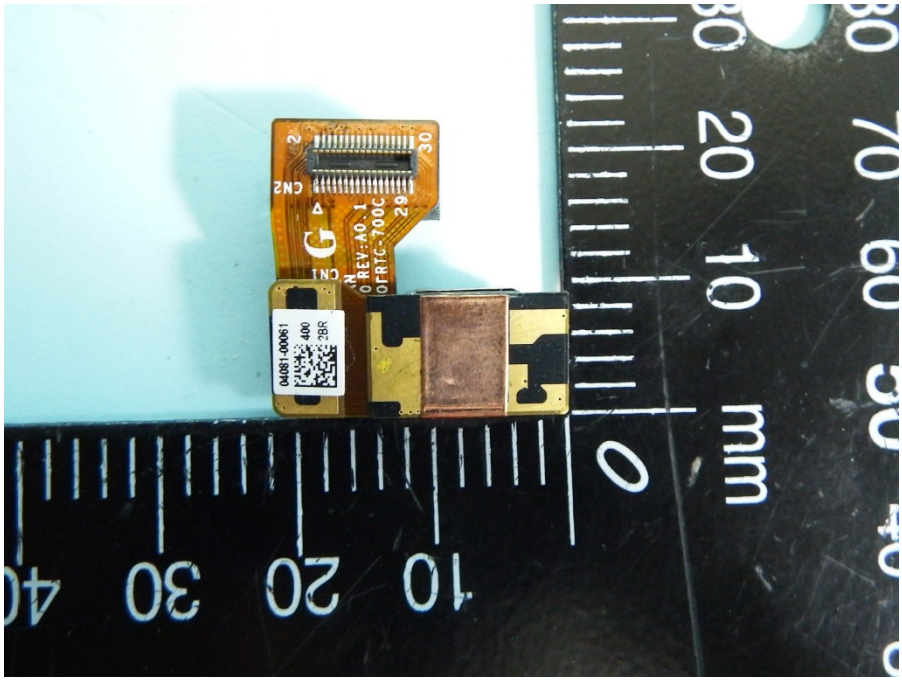


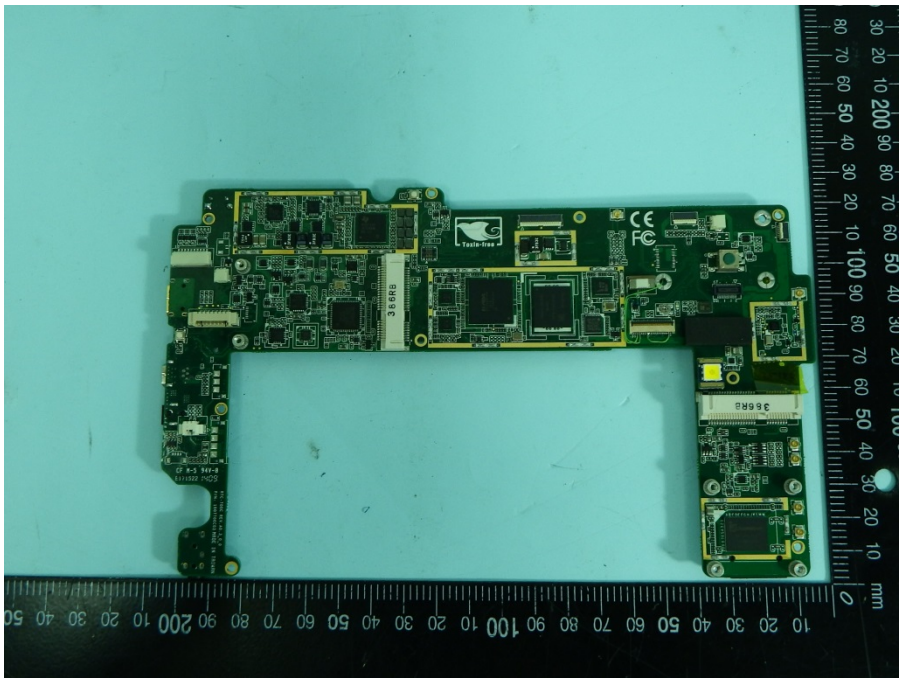



mm

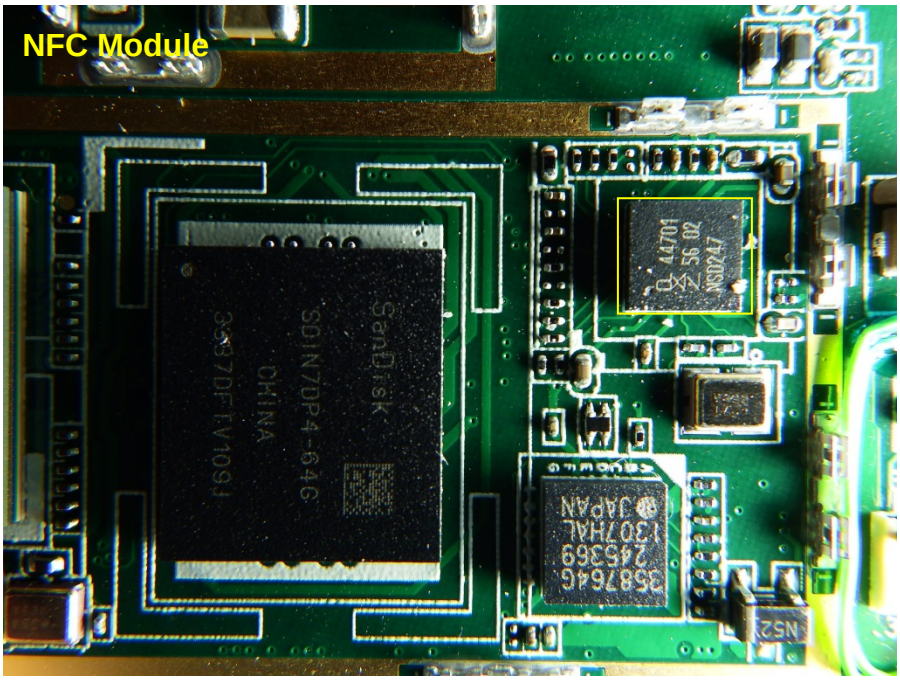

mm

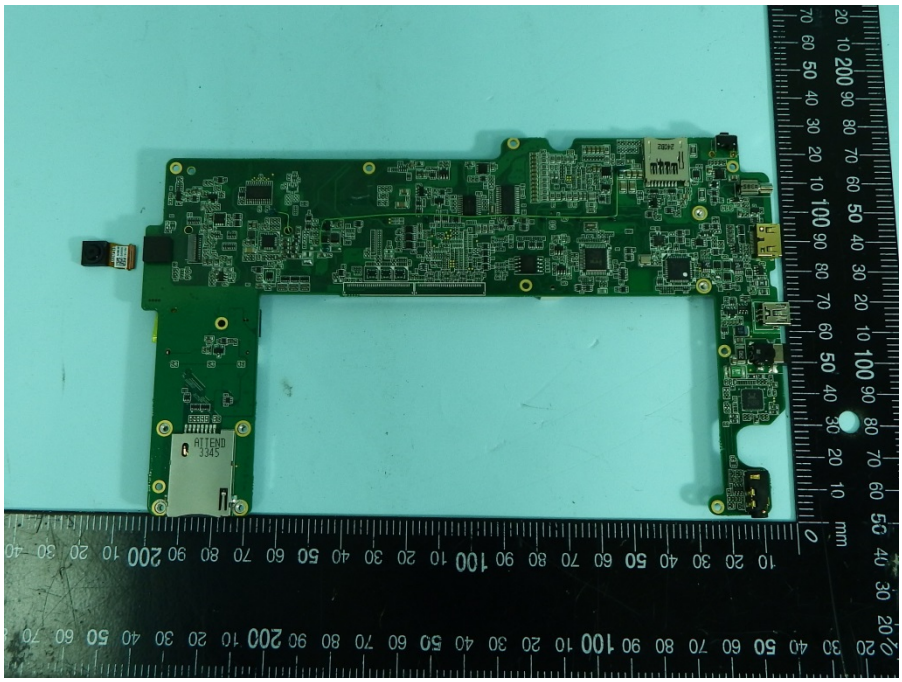


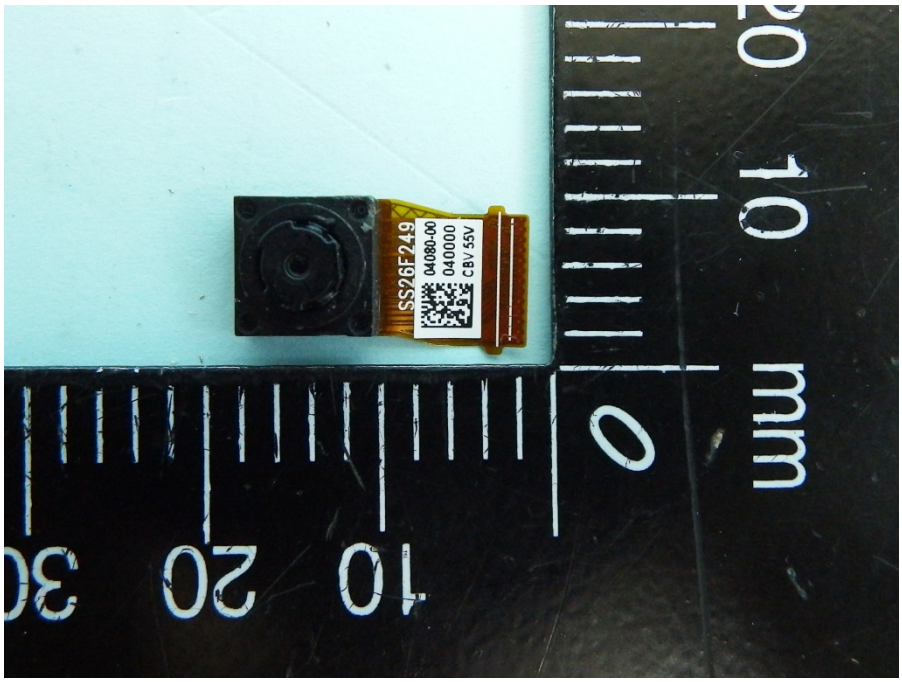


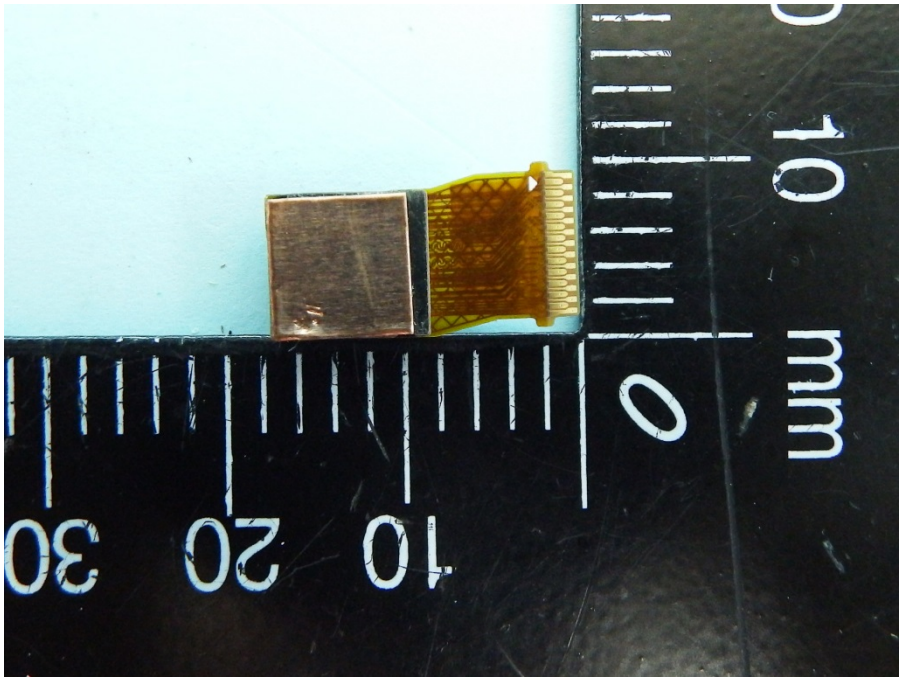


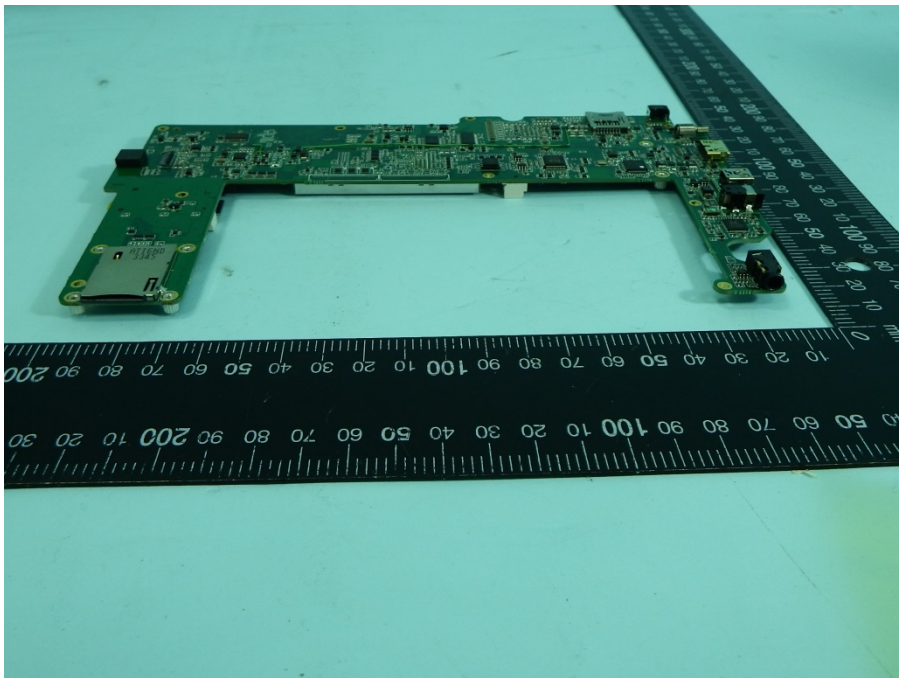

WLAN and Bluetooth Module
AzureWave
AW-AH691A
1404@CHINA
AA0B02076720

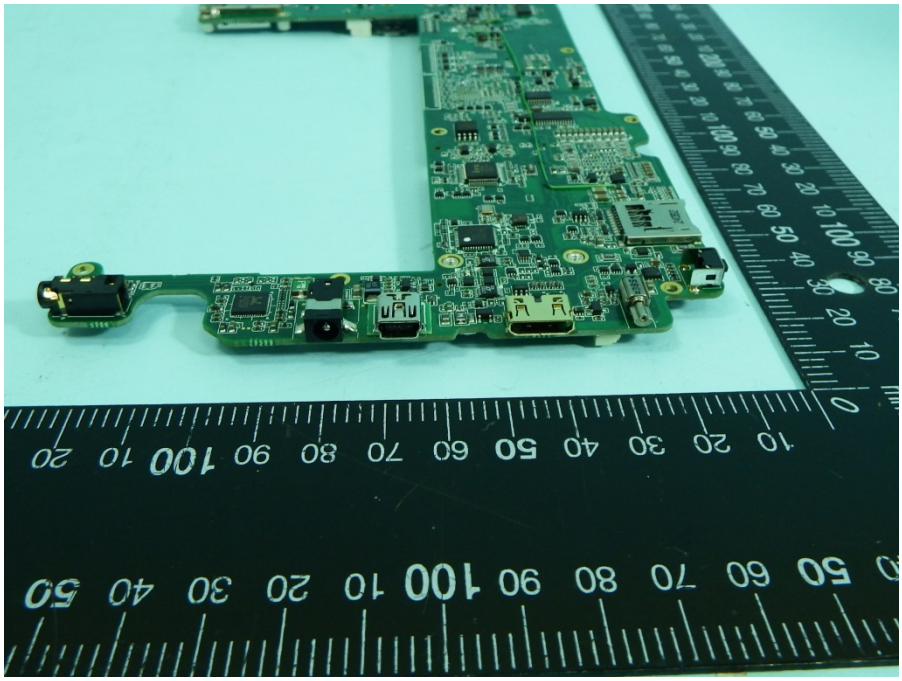

NFC Module

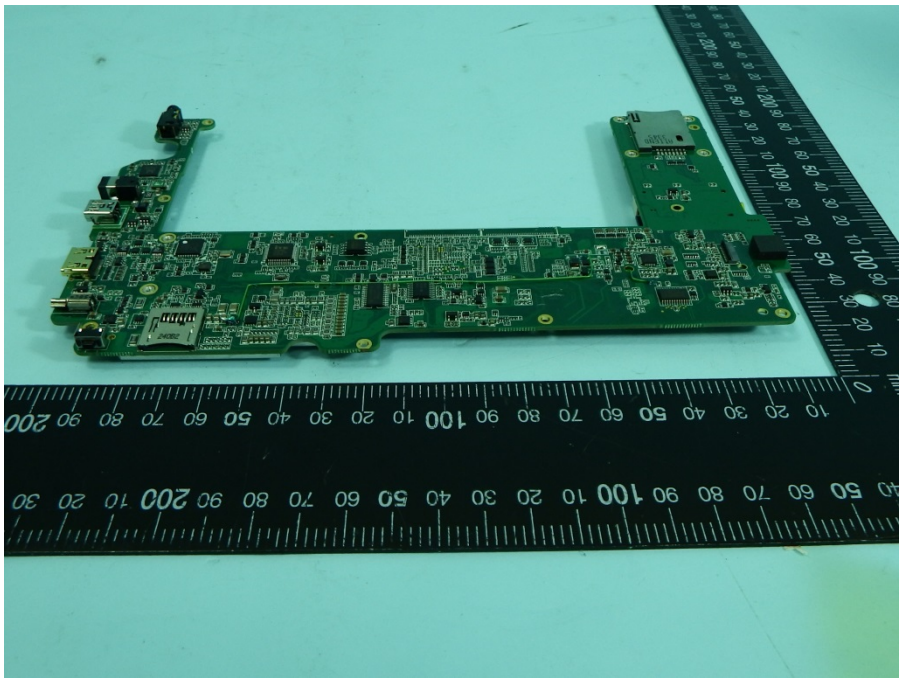


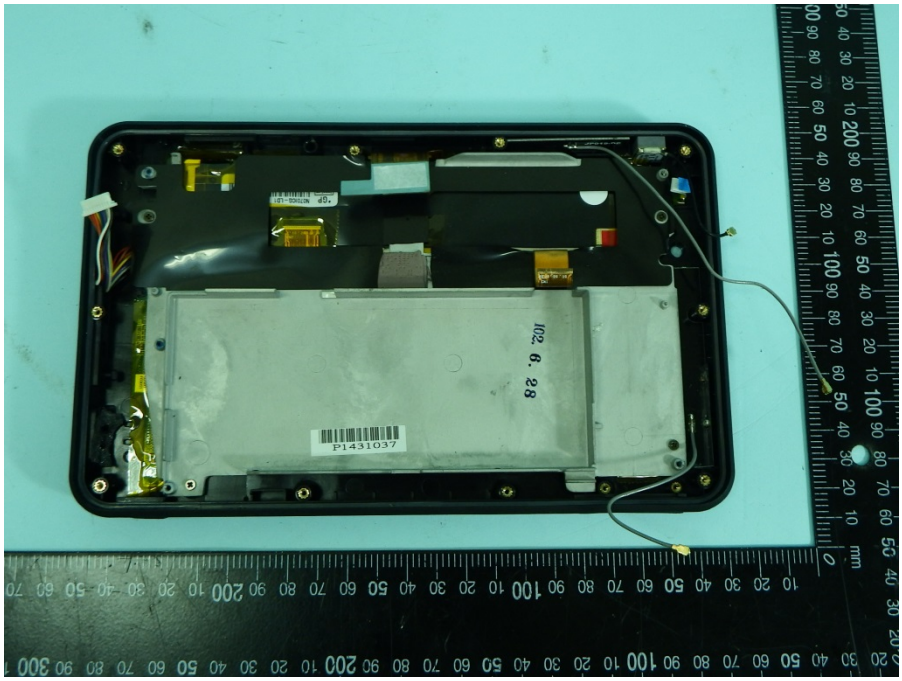

SS26F249
04080-00
040000
C8V 55V
mm
10
20
30

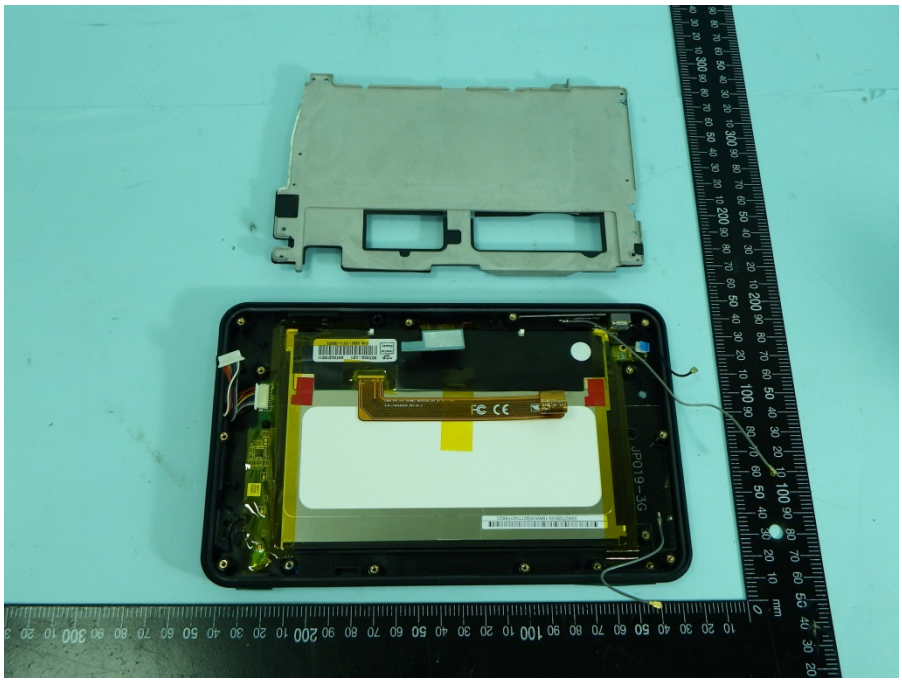

mm
10
20
30

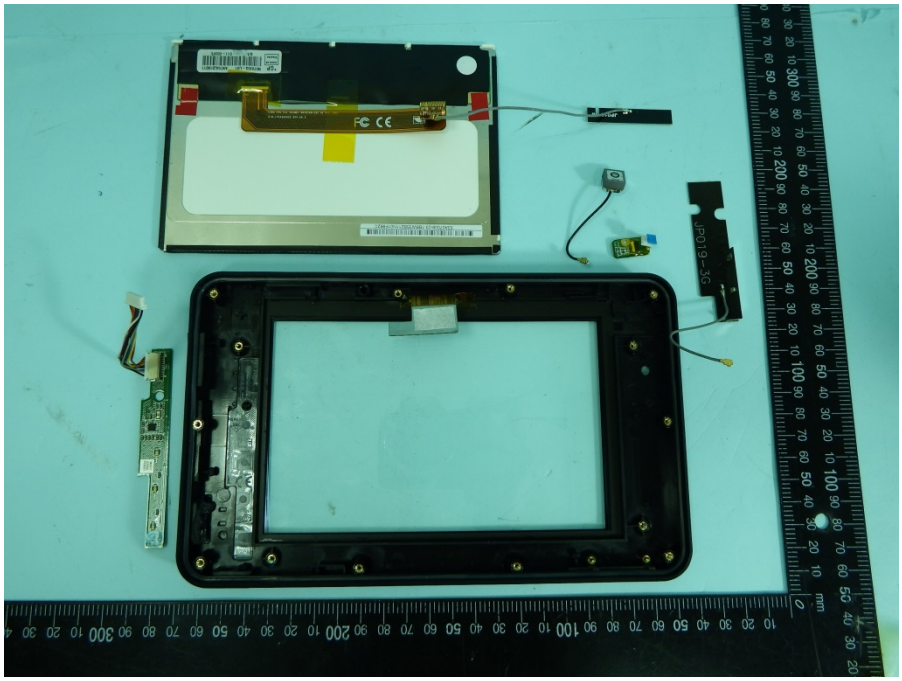


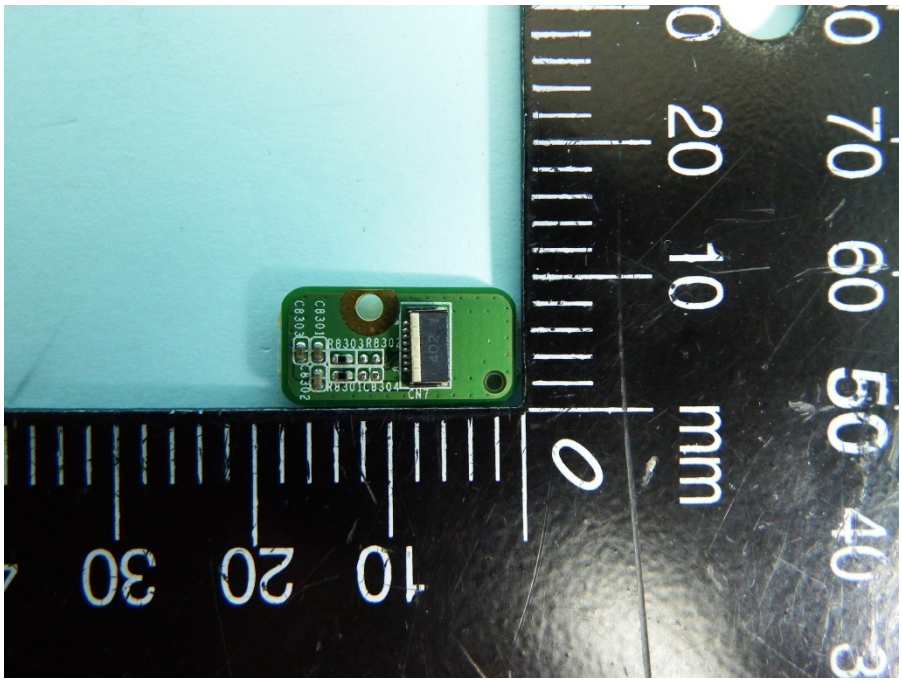








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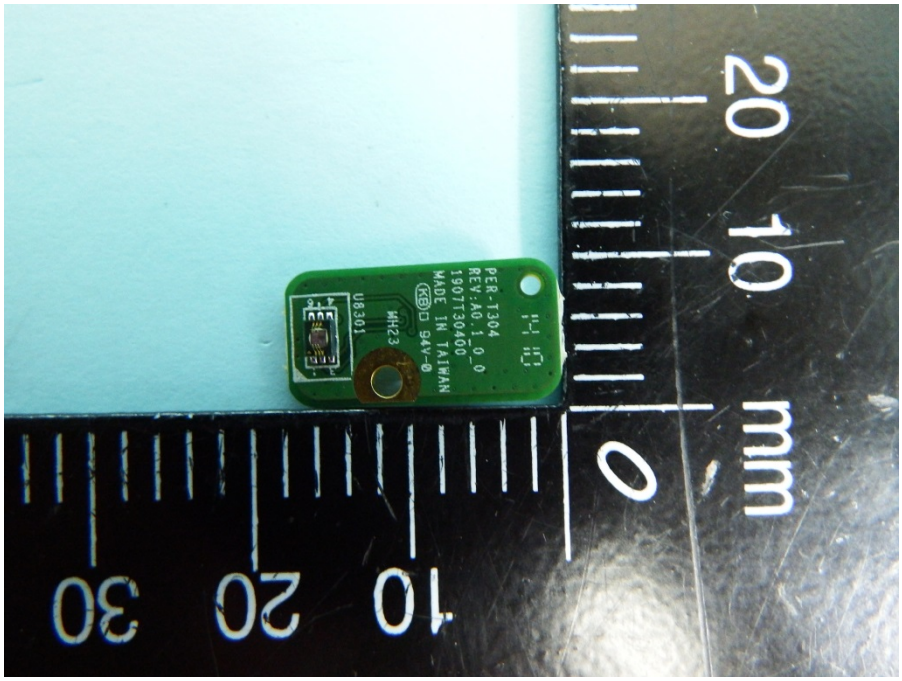
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U8301
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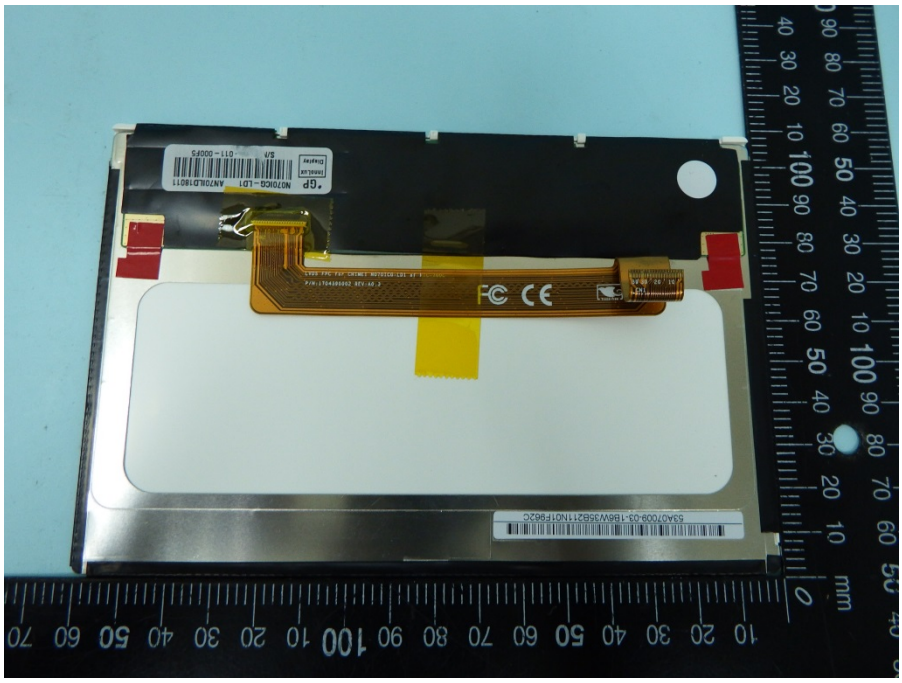

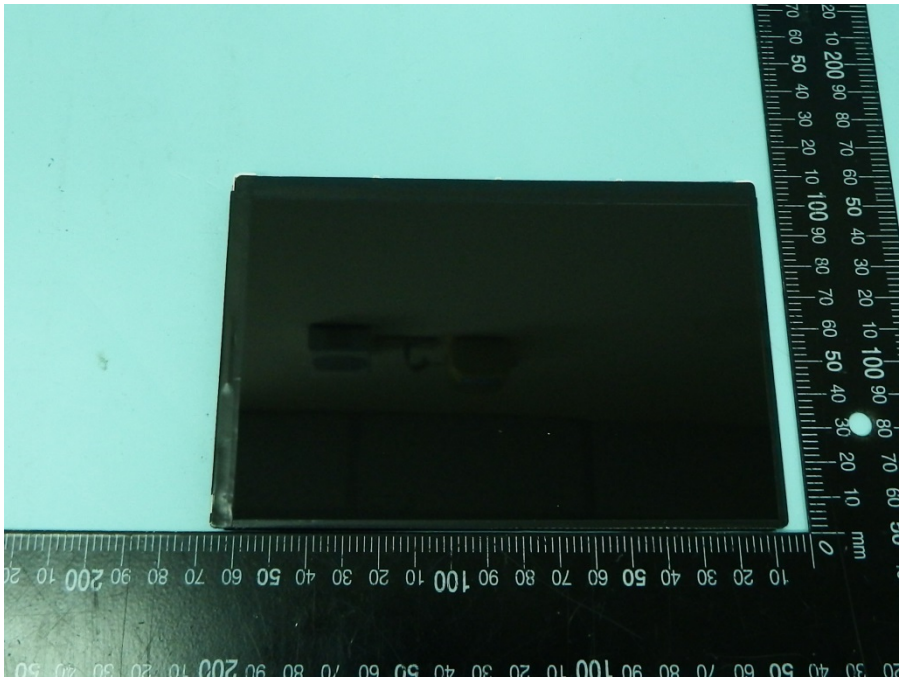

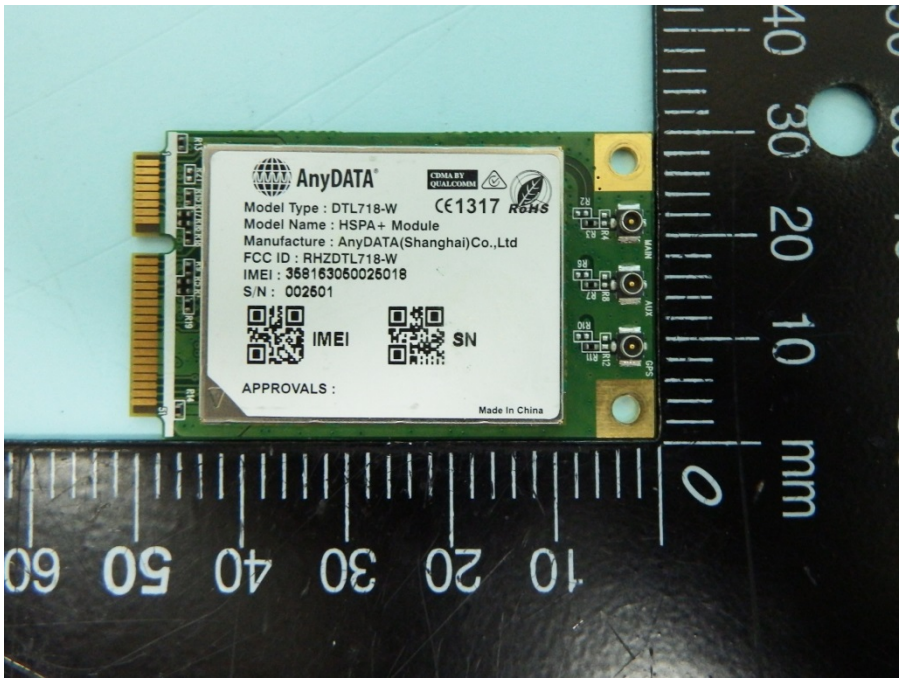
AnyDATA
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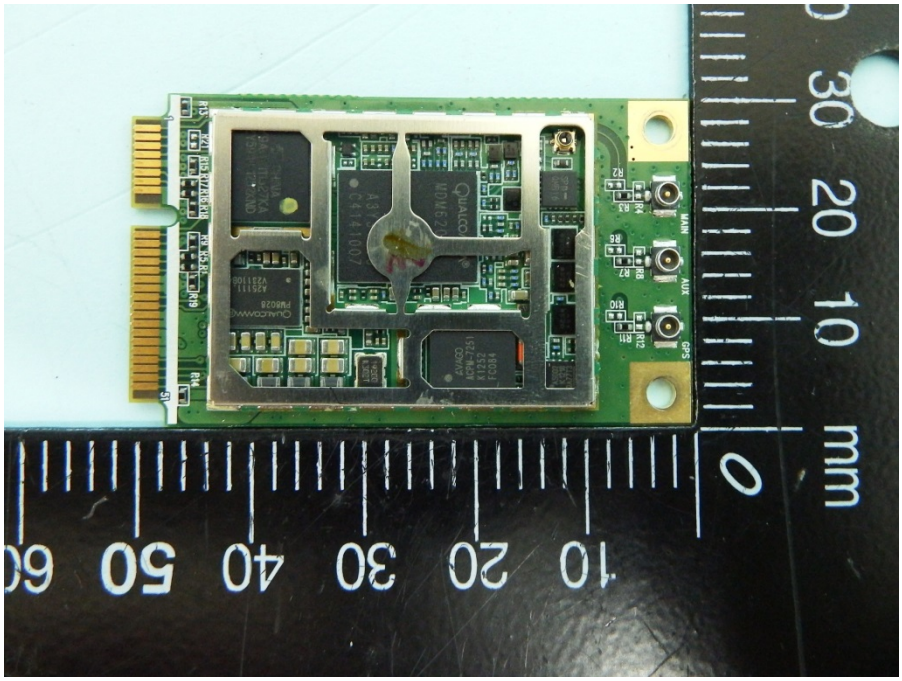
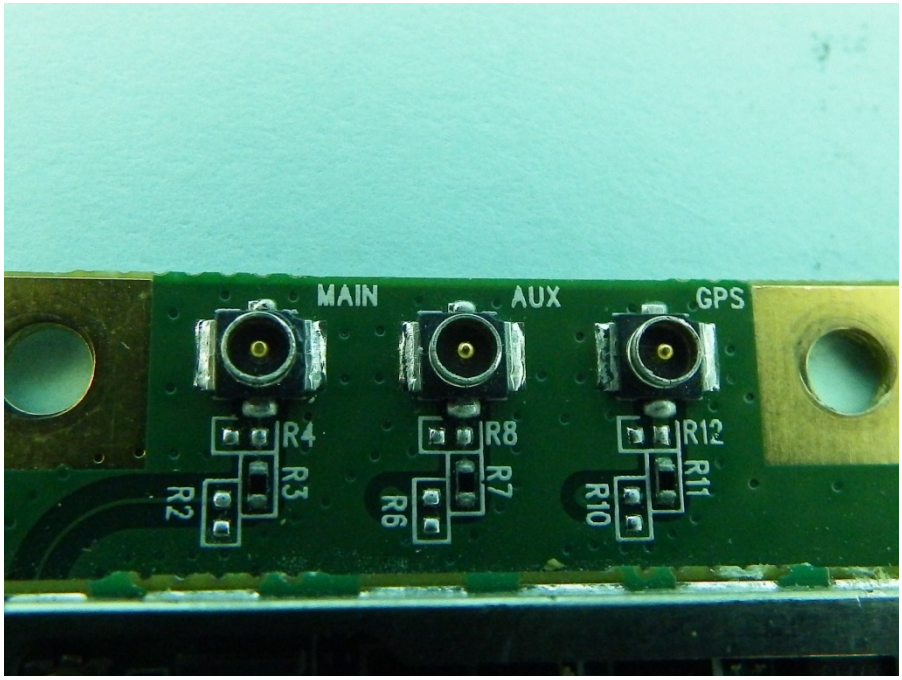
Model Name : HSPA+ Module
Manufacture : AnyDATA(Shanghai)Co.,Ltd
FCC ID : RHZDTL718-W
IMEI : 358163060026018
S/N : 002601
IMEI
SN
APPROVALS :
Made In China

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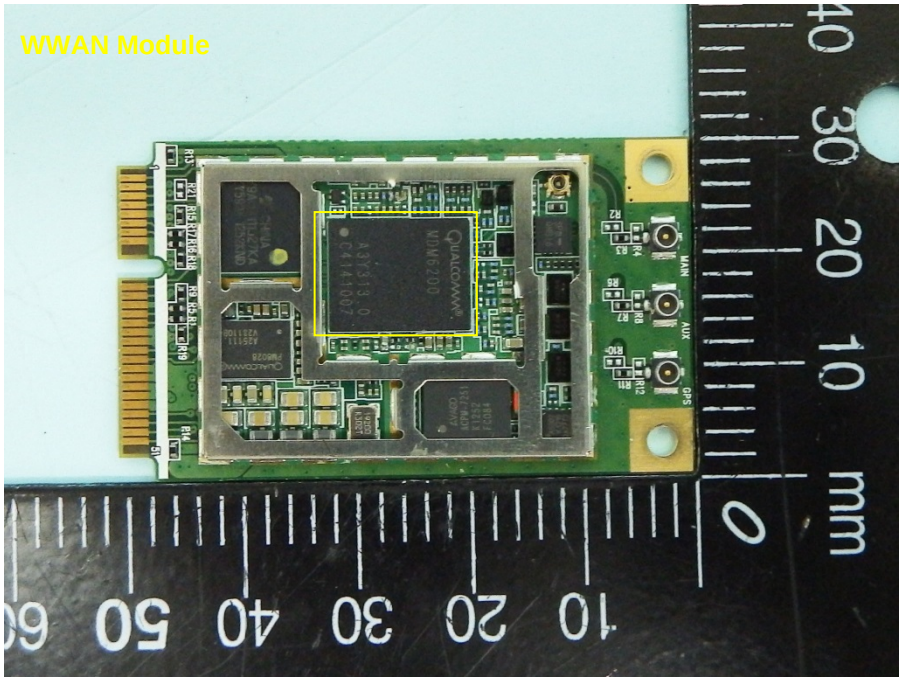
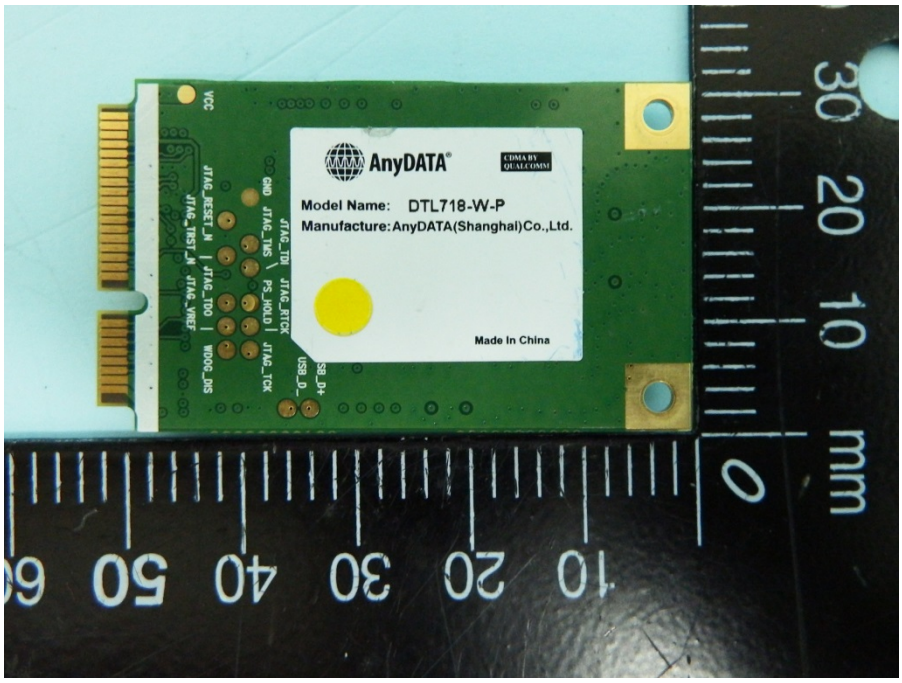
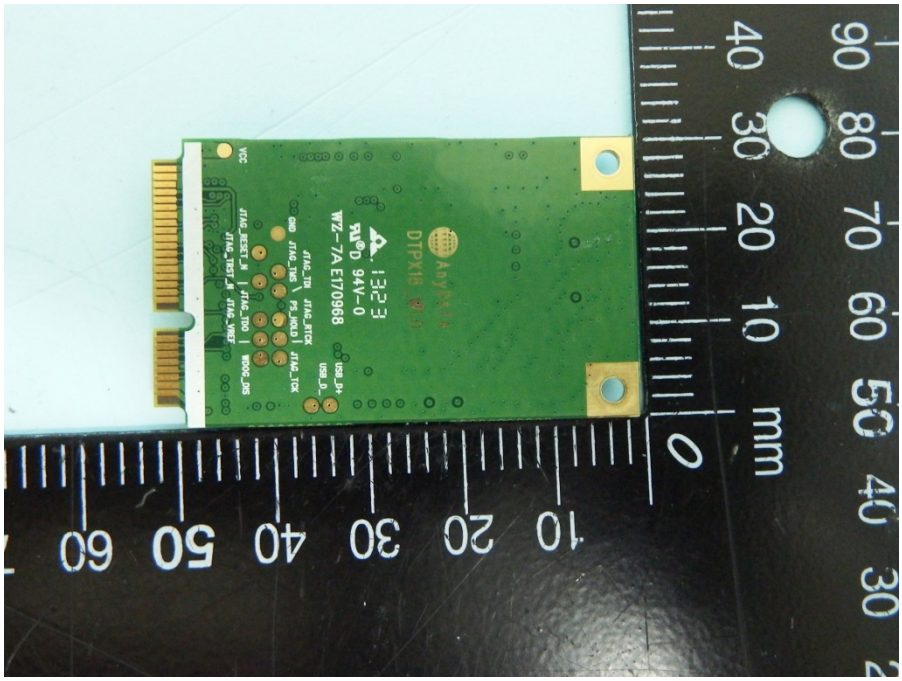
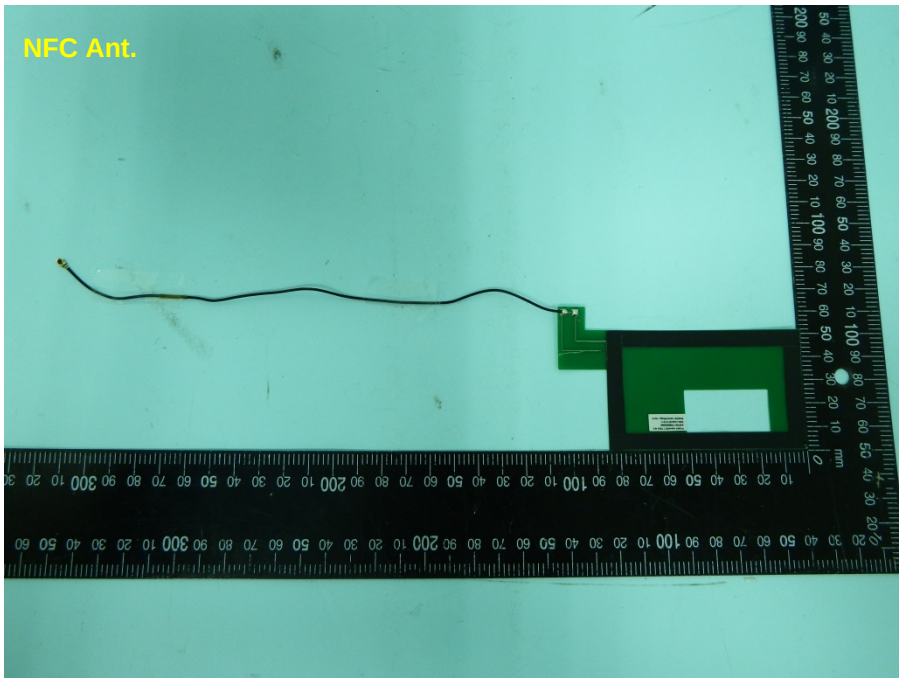

WWAN Module


AnyDATA
CDMA BY QUALCOMM
Model Name: DTL718-W-P
Manufacture:AnyDATA(Shanghai)Co.,Ltd.
Made In China

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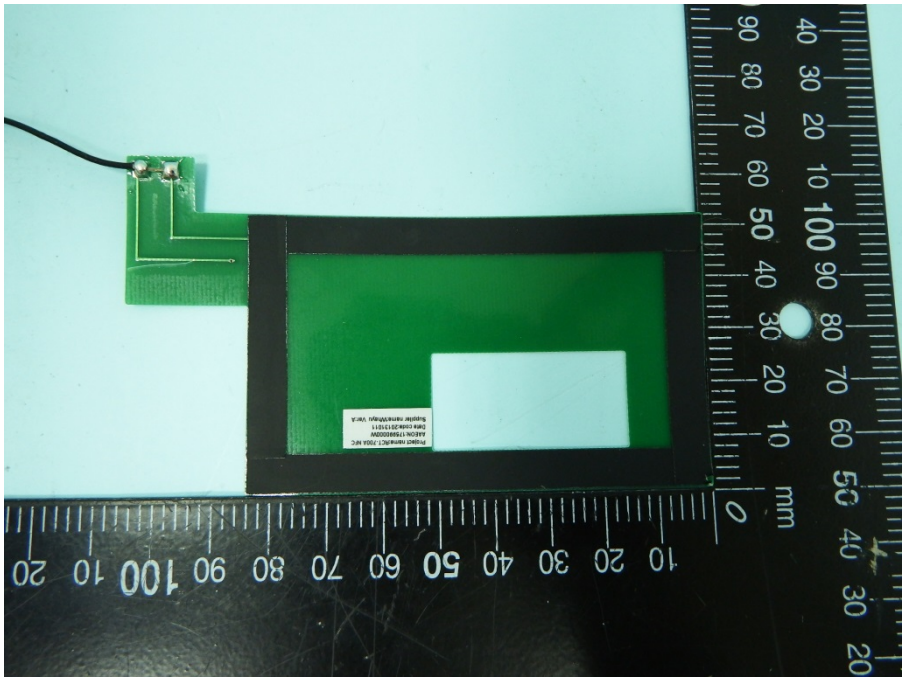

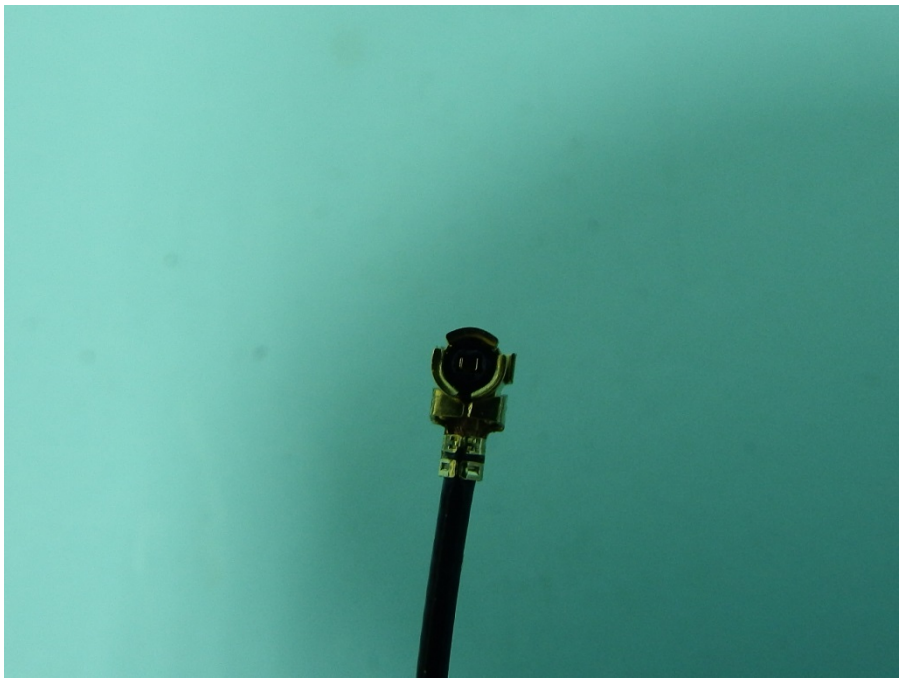

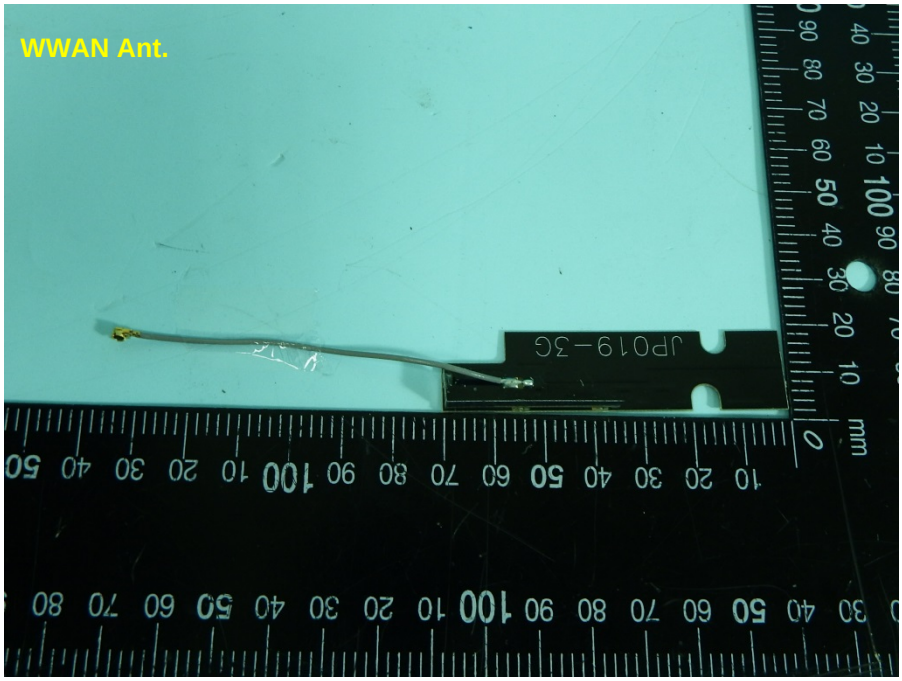
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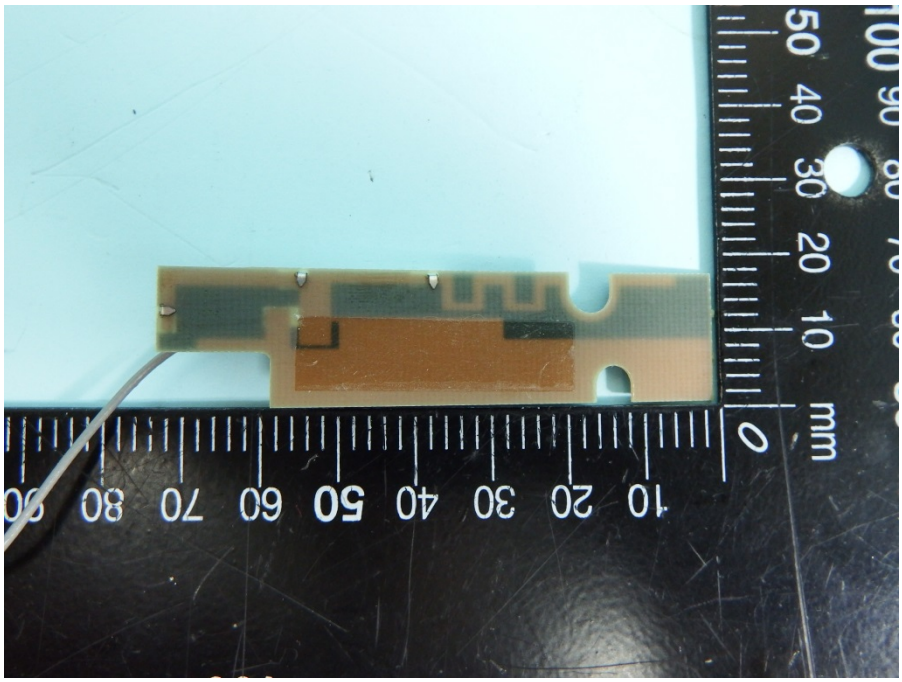
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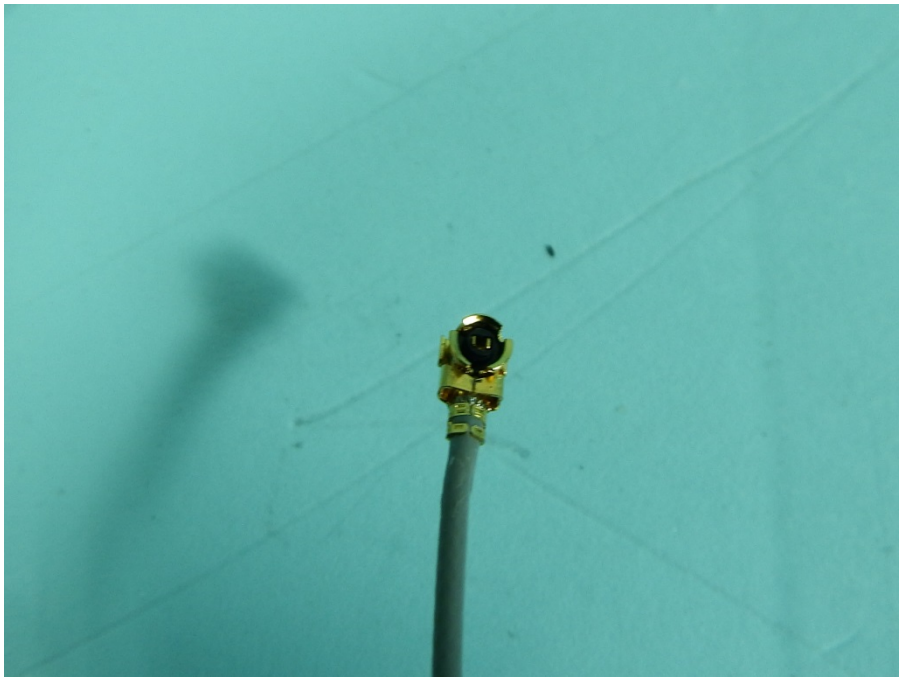

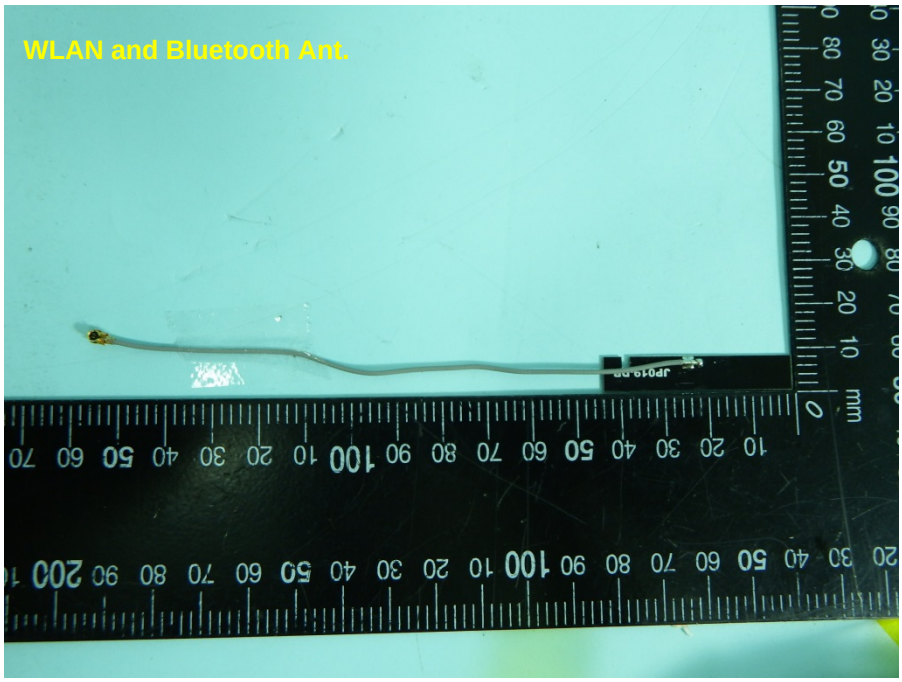
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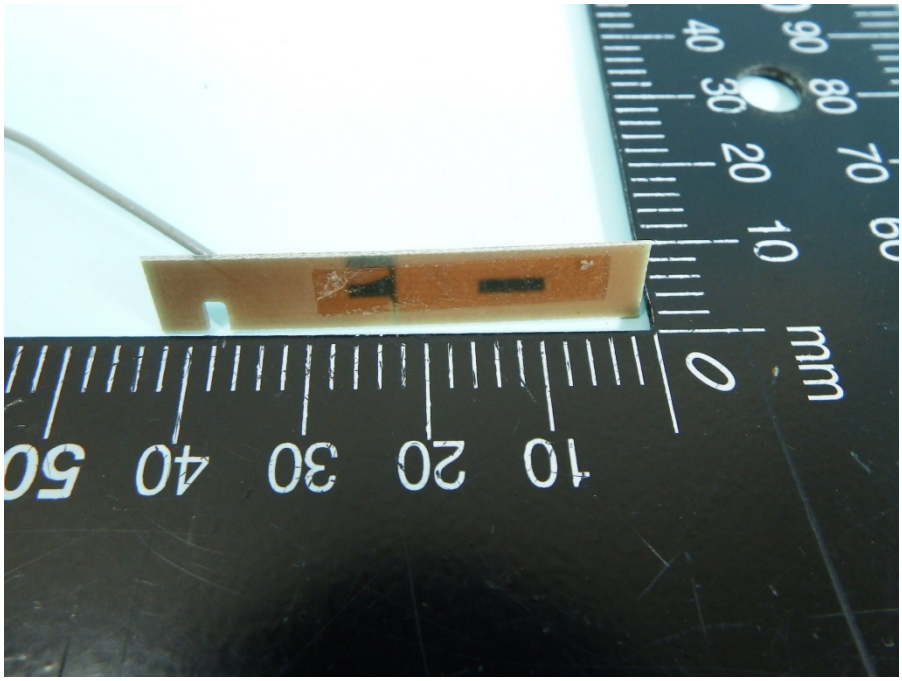
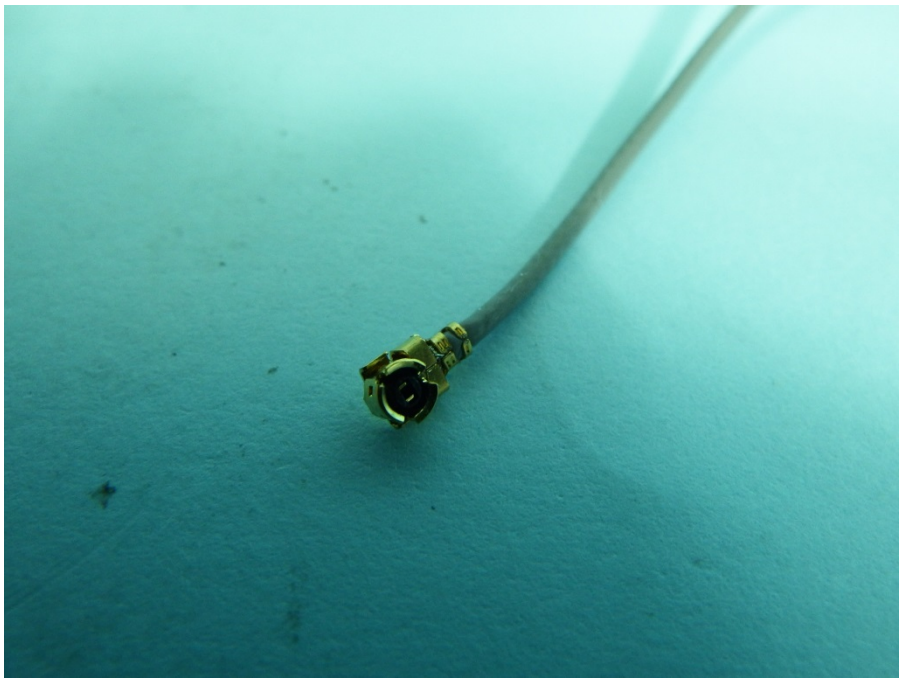
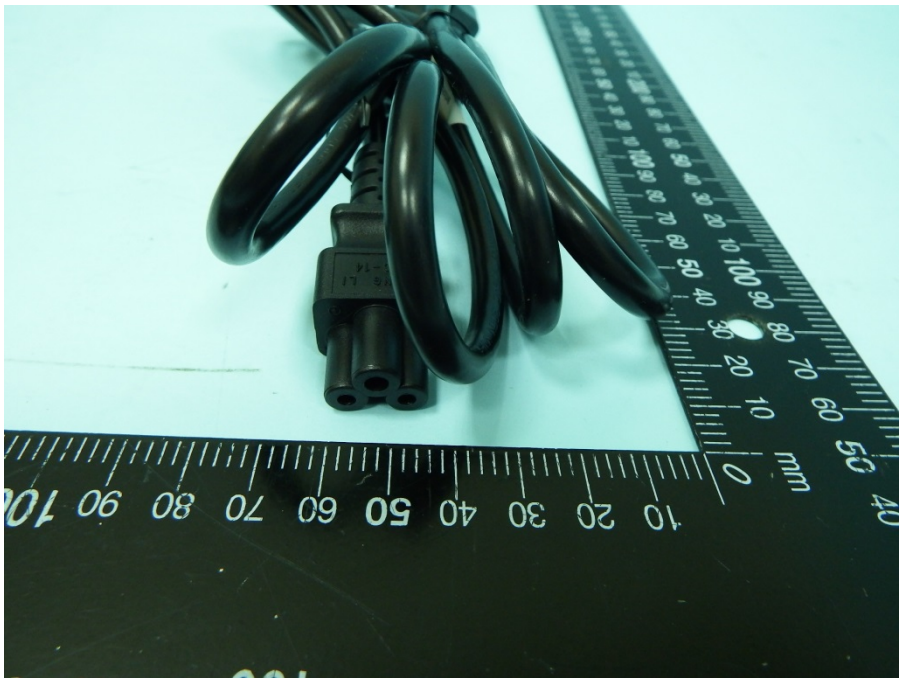
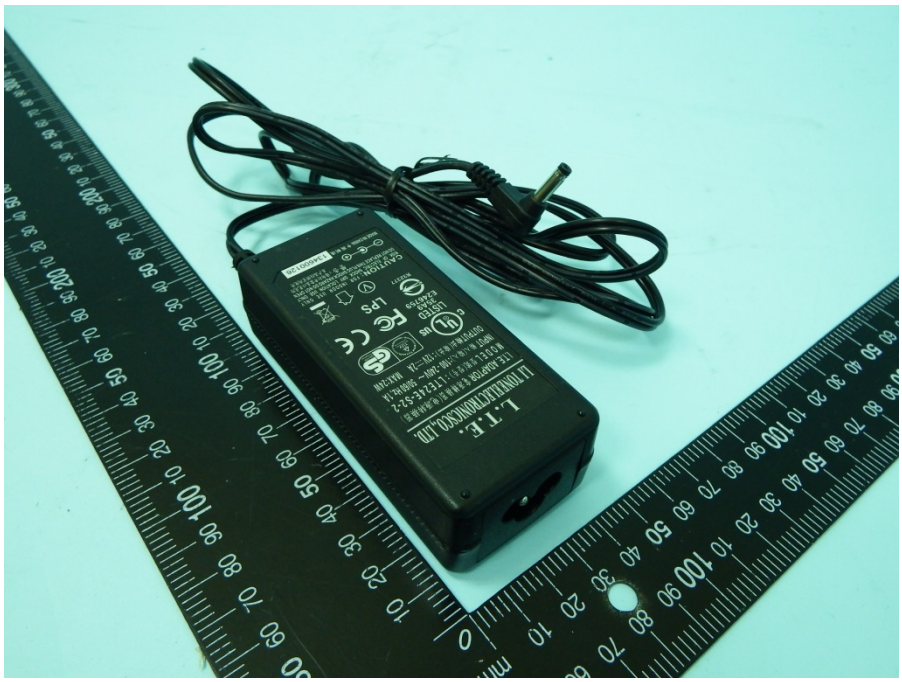
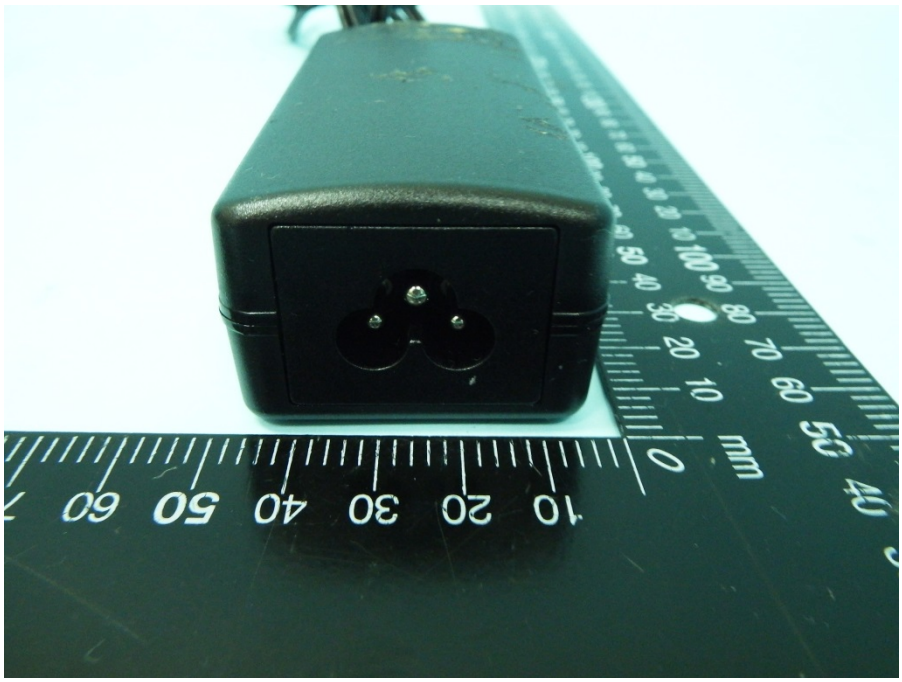









L.T.E.
LI TONE ELECTRONICS CO., LTD.
I.T.E. ADAPTOR 電源轉換器(电源转换器)
MODEL 型號(型号): LTE24E-S2-2
INPUT 輸入(输入):100-240V~ 50/60 Hz, 1A
OUTPUT 輸出(输出): 12V ⎓ 2A MAX:24W
LISTED
35A9
E246759
R32377
LPS
CAUTION: FOR INDOOR USE ONLY
RISK OF ELECTRIC SHOCK DRY LOCATION USE ONLY
DO NOT REPLACE THIS PLUG SHOCK HAZARD DO NOT OPEN
警告:请勿打开盒盖以免危险
本产品仅供室内使用
MADE IN CHINA 中国制造
134600126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