SPORTON LAB.

Certificate No.: FD0N1818

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 : **Rugged Tablet Computer**
MODEL NO. : **RTC-1000xx (xx is D1 or blank)**
APPLICANT : **AAEON Technology Inc.**
5F, No. 135, Lane 235, Pao Chiao Rd., Hsin-Tien City, Taipei, Taiwan, R.O.C.

SPORTON LAB.

I HEREBY **CERTIFY THAT:**

THE MEASUREMENTS SHOWN IN THIS TEST REPORT WERE MADE IN ACCORDANCE WITH THE PROCEDURES GIVEN IN **ANSI C63.4 - 2003** AND THE ENERGY EMITTED BY THIS EQUIPMENT WAS **FCC PART 15 SUBPART B AND CANADA STANDARDICES-003** IN BOTH RADIATED AND CONDUCTED EMISSIONS **CLASS B** LIMITS. THE TESTING WAS COMPLETED ON **Jan. 11, 2011** AT **SPORTON INTERNATIONAL INC.** LAB.

Jones Chen Jan. 20. 2011

Jones Chen
Supervisor

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

Equipment : Rugged Tablet Computer

Model No. : RTC-1000xx (xx is D1 or blank)

Filing Type : Declaration of Conformity

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

- The test result refers exclusively to the test presented test model / sample.
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- **Certificate or Test Report must not be used by the applicant to claim the product in this test report endorsement by any agency of U.S. government.**

SPORTON International Inc.

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

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History of this test report

Original Report Issue Date: Jan. 12, 2011

■ No additional attachment.

□ Additional attachment were issued as following record:

Attachment No.	Issue Date	Description

Certificate No. : FD0N1818

CERTIFICATE OF COMPLIANCE

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

according to

47 CFR FCC Rules and Regulations Part 15 Subpart B,

Class B Digital Device

Equipment : Rugged Tablet Computer

Model No. : RTC-1000xx (xx is D1 or blank)

Applicant : **AAEON Technology Inc.**
5F, No. 135, Lane 235, Pao Chiao Rd., Hsin-Tien City,
Taipei, 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 - 2003** and the energy emitted by this equipment was ***passed*** **FCC Part 15 Subpart B** in both radiated and conducted emission **Class B** limits.
Testing was carried out on **Jan. 11, 2011** at **SPORTON International Inc.** LAB.

Jones Chan Jan. 20. 2011
Jones Chan
Supervisor

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 City, Taipei, Taiwan, R.O.C.

1.2 Manufacturer

Same as 1.1.

1.3 Basic Description of Equipment under Test

Equipment	:	Rugged Tablet Computer
Model No.	:	RTC-1000xx (xx is D1 or blank)
Trade Name	:	AAEON
RJ45 Cable	:	Non-Shielded, 10 m
Power Supply Type	:	Switching
AC Power Cable	:	Non-Shielded, 1.8m, 3 pin
DC Power Cable	:	Braided-Shielded, 1.5 m, 2 pin

1.4 Feature of Equipment under Test

Description	Brand	Model	Spec.
CPU	Intel®	U2500	1.2G
LCD Display	CPT	CLAA102NA0ACW	10.2" 16:9 TFT LCD with Touch Screen (AOT)
Memory	Team	TSDD1024M667C5-E	DDR2 667 1GB
HDD	WD	WD800BEVT-00A23T0	800GB
WLAN 802.11 b/g + Bluetooth® 2.0 Class 1 Module	Elias	AWM-S0021M	802.11 b/g + Bluetooth
MODEM	AGERE	D40 AM5	56Kbps
Battery	JS power	DR202	3S3P 11.1V 7800mAh
Power Adapter	LI SHIN	0335A2065	Input: 100-240Vac, 50-60Hz, 1.7A Output: 20Vdc, 3.25A

Please refer to manufacturer's specifications or Users' Manual

2. Test Configuration of Equipment under Test

2.1 Test Manner

a. The EUT has been associated with peripherals pursuant to ANSI C63.4-2003 and configuration operated in a manner which tended to maximize its emission characteristics in a typical application.

b. The complete test system included remote workstation, DELL LCD Monitor, ACEEX Modem, HAWK Headset, pqi CF Card+PCMCIA, Apple IPod Nano (x2), pqi CF Card, Microsoft USB Mouse, DELL USB Keyboard and EUT for EMI test. The remote workstation included DELL Notebook, D-Link AP and Sony Ericsson Bluetooth headset.

c. The following test modes were pretested for conducted and radiated test:

Mode 1. LCD+D-SUB 1024*600 60Hz, LAN: 100M
Mode 2. LCD+D-SUB 800* 600 72Hz, LAN:10M
Conducted: The " Mode 1 " generated the worst test result, it was reported as final data.
Radiation: The " Mode 2 " generated the worst test result, it was reported as final data.

d. The following test mode was for radiated (1GHz / 5TH of harmonic CPU fundamental) final test:

Mode 1. 1-13GHz

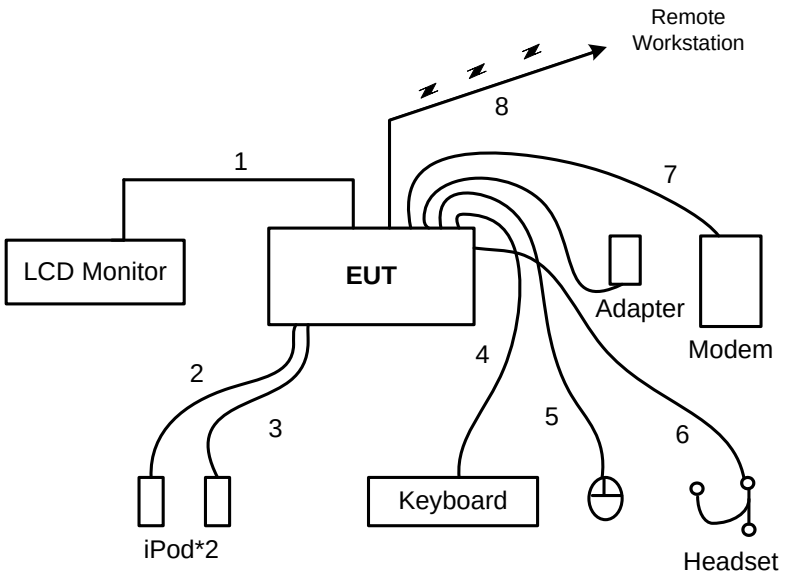
e. Frequency range investigated: conduction 150 KHz to 30 MHz, radiation 30 MHz to 13,000MHz.

2.2 Description of Test System

For conducted emission & radiated emission

No.	Description	Manufacturer	Model	FCC ID	Signal Cable Description
1	LCD Monitor	DELL	2408WFPb	DoC	D-Sub Cable, D-Shielded, 1.8m (with two cores)
2	Modem	ACEEX	DM1414	IFAX1414	Shielded, 1.15m
3	Headset	HAWK	03-MSB301	---	Audio Cable, Non-Shielded, 2.1m
4	CF Card	pqi	CompactFlash 256MB	---	---
5	iPod nano (x2)	Apple	A1199	DoC	USB Cable, D- Shielded, 1.0m
6	USB Mouse	Microsoft	1004	N/A	Non-Shielded, 1.8m
7	CF Card+PCMCIA	pqi	CompactFlash 40X	N/A	
8	USB Keyboard	DELL	SK-8115	N/A	AL-F-Shielded, 1.9m
9	Notebook (Remote Workstation)	DELL	PP32LB	DoC	---
10	Bluetooth Headset (Remote Workstation)	Sony Ericsson	HBH-PV702	N/A	---
11	AP (Remote Workstation)	D-Link	DNS-G120	---	Power Cord, AC Input: Non-Shielded, 1.8m DC Output: Non-Shielded, 1.8m (with a core)

2.3 Connection Diagram of Test System



The support unit 4 and support unit 7 insert into EUT.

1. The D-Sub cable is connected from EUT to the support unit 1.
2. The USB cable is connected from EUT to the support unit 5.
3. The USB cable is connected from EUT to the support unit 5.
4. The USB cable is connected from EUT to the support unit 8.
5. The USB cable is connected from EUT to the support unit 6.
6. The Audio cable is connected from EUT to the support unit 3.
7. The I/O cable is connected from EUT to the support unit 2.
8. The RJ45 cable is connected from EUT to remote workstation.

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

3. Test Software

An executive program, “WINEMC.EXE” under WIN XP, which generates a complete line of continuously repeating “H“ pattern was used as the test software.

The program was executed as follows:

a. Turn on the power of all equipment.
b. The EUT reads the test program from the hard disk drive and runs it.
c. The EUT sends "H" messages to the monitor, and the monitor displays "H" patterns on the screen.
d. The EUT sends "H" messages to the internal hard disk, and the hard disk reads and writes the message.
e. Repeat the steps from c to d.

At the same time, the following programs were executed:

- Executed "BurnIn.exe" to read and write data from USB 2.0 HDD and CF card.
- Executed "Windows Media Player.exe" to play audio and video to headset.
- Executed "Wireless" to link with the remote workstation to receive and transmit data by AP.
- Executed "Bluetooth.exe" to link with the remote workstation to receive and transmit data by Bluetooth.
- Executed "Ping.exe" to link with the remote workstation to receive and transmit data via RJ45 cable.

4. General Information of Test

4.1 Test Facility

For Conducted Emission

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 886-3-318-0055

Test Site No. : CO04-HY

For Radiated Emission below 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: 886-3-318-0055

Test Site No. : 10CH02-HY

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: 886-3-318-0055

Test Site No. : 03CH02-HY

4.2 Uncertainty of Test Site

Test Items	Test Site No.	Uncertainty	Remark
Conducted Emissions	CO04-HY	± 2.26dB	Confidence levels of 95%
Radiated Emissions below 1GHz	10CH02-HY	± 2.96dB	Confidence levels of 95%
Radiated Emissions above 1GHz	03CH02-HY	± 2.54dB	Confidence levels of 95%

4.3 Test Voltage

120V / 60Hz

4.4 Standard for Methods of Measurement

ANSI C63.4-2003

4.5 Test in Compliance with

FCC Rules and Regulations Part 15 Subpart B

4.6 Frequency Range Investigated

a. Conduction: from 150 kHz to 30 MHz
b. Radiation: 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~7GHz).
c. The test distance of radiated emission from antenna to EUT is 1 M (from 7GHz~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 C63.4-2003 Section 3.1. 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 produced maximum conducted emissions.

5.1 Major Measuring Instruments

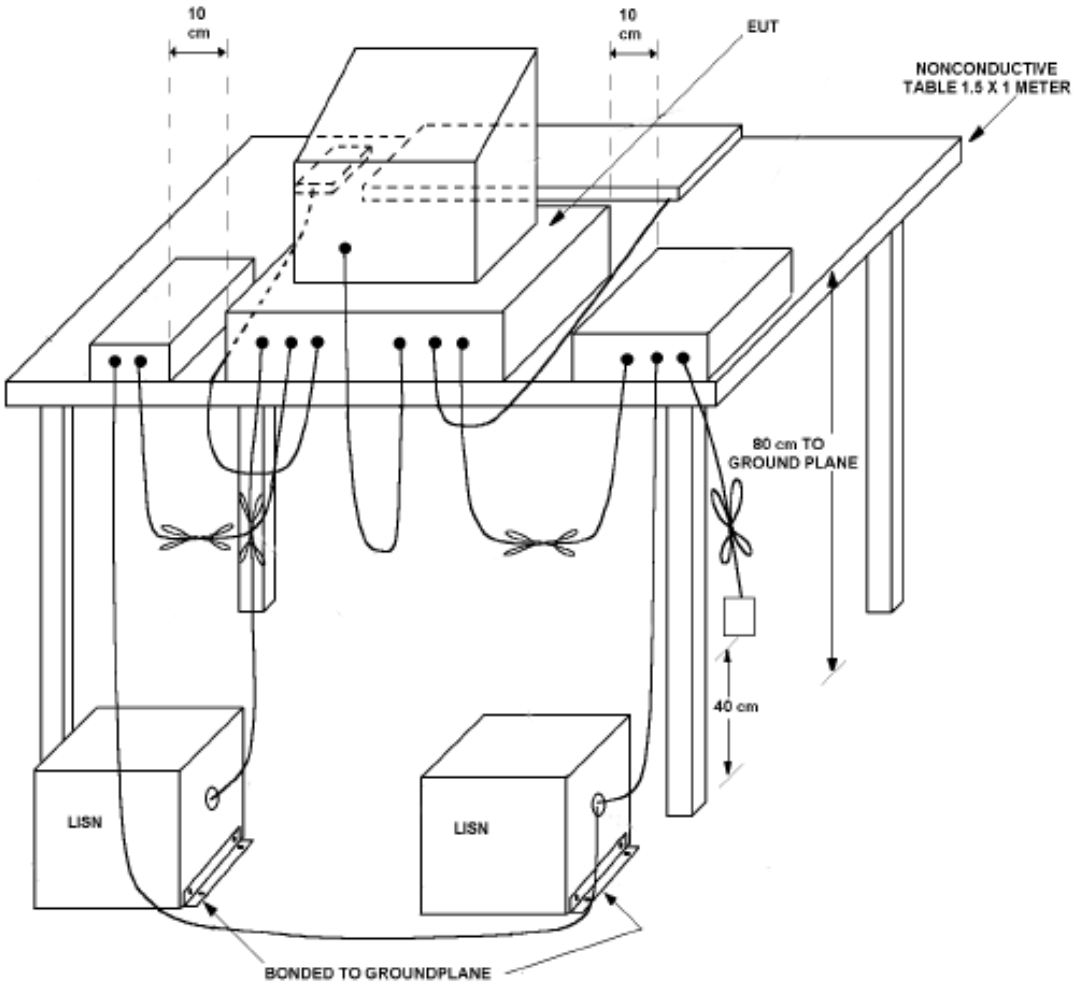
- Test Receiver (R&S ESCS 30)

Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

5.2 Test Procedures

a. The EUT warm up about 15 minutes then start test.
b. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters 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 connect to the other LISN.
e. The LISN provides 50 ohm coupling impedance for the measuring instrument.
f. The FCC states that a 50 ohm, 50 microhenry 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.

5.3 Typical Test Setup Layout of Conducted Powerline

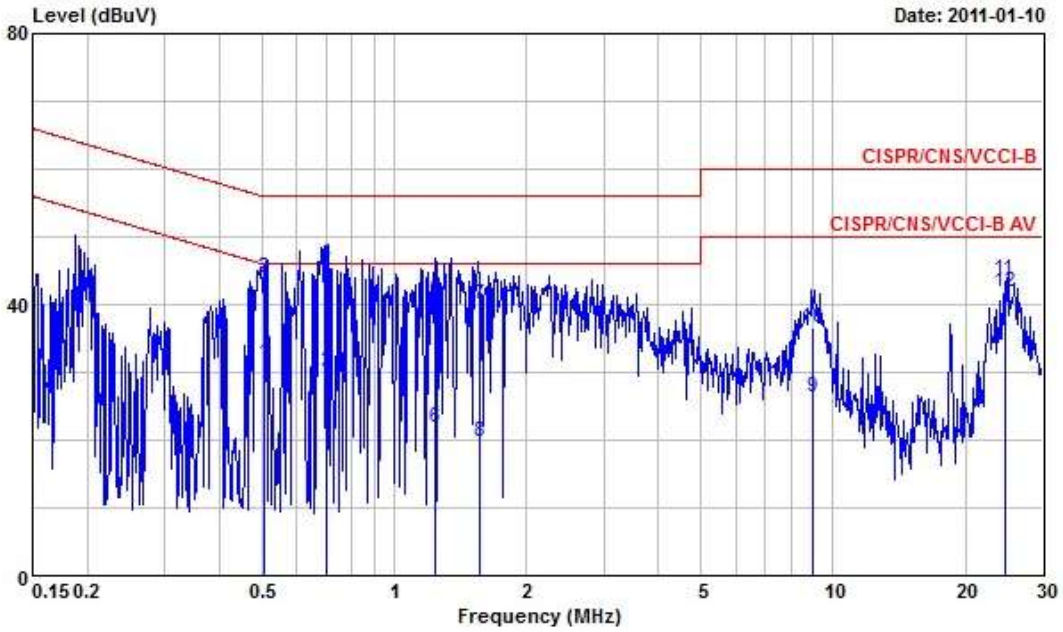


5.4 Test Result of AC Powerline Conducted Emission

Test Mode	Mode 1	Temperature	20.8℃
Test Engineer	Jason	Humidity	53.4%

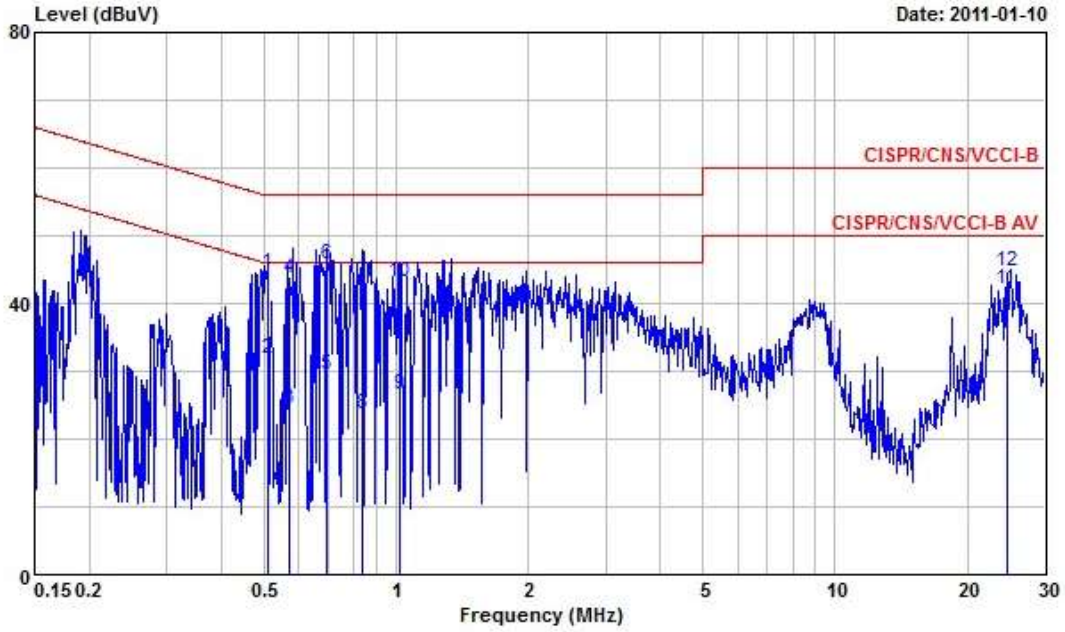
Note: Corrected Reading (dBμV) = Probe Factor + Cable Loss + Read Level = Level

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



Site : CO04-HY
Condition : CISPR/CNS/VCCI-B LISN 2009 0324 99041 LINE
EUT : Rugged Tablet Computer
POWER: 120V/60Hz
Model : RTC-1000x
Memo : LCD+D-SUB 1024*600 60Hz
Memo :
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.5035030	31.19	-14.81	46.00	31.08	0.09	0.02	Average
2	0.5035030	43.89	-12.11	56.00	43.78	0.09	0.02	QP
3	0.6983680	29.97	-16.03	46.00	29.81	0.10	0.06	Average
4	0.6983680	46.16	-9.84	56.00	46.00	0.10	0.06	QP
5	1.240	40.58	-15.42	56.00	40.36	0.12	0.10	QP
6	1.240	21.85	-24.15	46.00	21.63	0.12	0.10	Average
7	1.569	40.08	-15.92	56.00	39.86	0.12	0.10	QP
8	1.569	19.84	-26.16	46.00	19.62	0.12	0.10	Average
9	9.010	26.25	-23.75	50.00	25.89	0.26	0.10	Average
10	9.010	36.62	-23.38	60.00	36.26	0.26	0.10	QP
11	24.575	43.56	-16.44	60.00	42.81	0.47	0.28	QP
12	24.575	41.81	-8.19	50.00	41.06	0.47	0.28	Average



Site : CO04-HY
Condition : CISPR/CNS/VCCI-B LISN 2009 0324 99041 NEUTRAL
EUT : Rugged Tablet Computer
POWER: 120V/60Hz
Model : RTC-1000x
Memo : LCD+D-SUB 1024*600 60Hz
Memo :
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.5100690	44.52	-11.48	56.00	44.40	0.09	0.03	QP
2	0.5100690	31.95	-14.05	46.00	31.83	0.09	0.03	Average
3	0.5703110	24.58	-21.42	46.00	24.45	0.09	0.04	Average
4	0.5703110	43.73	-12.27	56.00	43.60	0.09	0.04	QP
5	0.6931680	29.36	-16.64	46.00	29.21	0.09	0.06	Average
6	0.6931680	45.68	-10.32	56.00	45.53	0.09	0.06	QP
7	0.8393170	43.18	-12.82	56.00	43.00	0.10	0.08	QP
8	0.8393170	23.65	-22.35	46.00	23.47	0.10	0.08	Average
9	1.020	26.53	-19.47	46.00	26.33	0.10	0.10	Average
10	1.020	43.15	-12.85	56.00	42.95	0.10	0.10	QP
11	24.576	42.23	-7.77	50.00	41.47	0.48	0.28	Average
12	24.576	44.61	-15.39	60.00	43.85	0.48	0.28	QP

5.5 Photographs of Conducted Powerline 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 C63.4-2003. The EUT was placed on a nonmetallic stand in the open-field site, 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 Major Measuring Instruments

6.1.1 From 30MHz to 1GHz

- Amplifier (HP 8447D)
  RF Gain 25 dB
  Signal Input 0.1 MHz - 1.3 GHz

- Spectrum Analyzer (ADVANTEST R3261C)
  Attenuation 10 dB
  Start Frequency 30 MHz
  Stop Frequency 1000 MHz
  Resolution Bandwidth 120 kHz
  Signal Input 9 kHz - 2.6 GHz

- Test Receiver (R&S ESCS 30)
  Resolution Bandwidth 120 kHz
  Frequency Band 9 kHz - 2.75 GHz
  Quasi-Peak Detector ON for Quasi-Peak Mode
  OFF for Peak Mode

6.1.2 From 1GHz to 13GHz

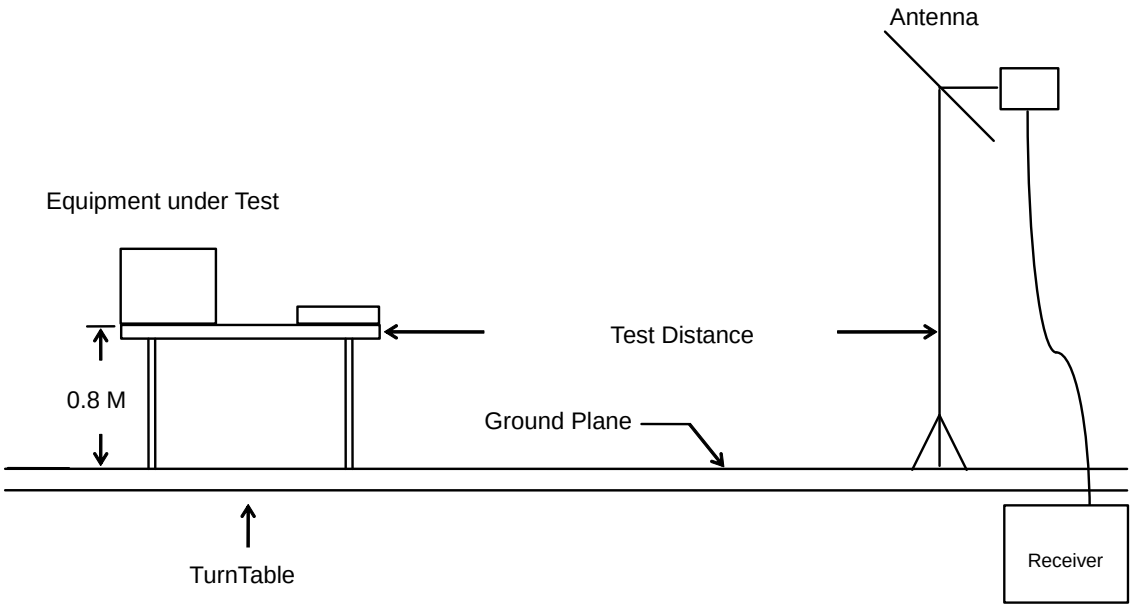
- Amplifier (AGILENT 8449B)
  RF Gain 35 dB
  Signal Input 1 GHz - 26.5 GHz

- Spectrum Analyzer (R&S FSP30)
  Attenuation 10 dB
  Start Frequency 1 GHz
  Stop Frequency 18 GHz
  Resolution Bandwidth 1 MHz
  Video Bandwidth 3 MHz
  Signal Input 9 kHz - 30 GHz

6.2 Test Procedures

a. The EUT was placed on a rotatable table top 0.8 meter above ground.
b. The EUT was set 1/3/10 meters 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. 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.

6.3 Typical Test Setup Layout of Radiated Emission



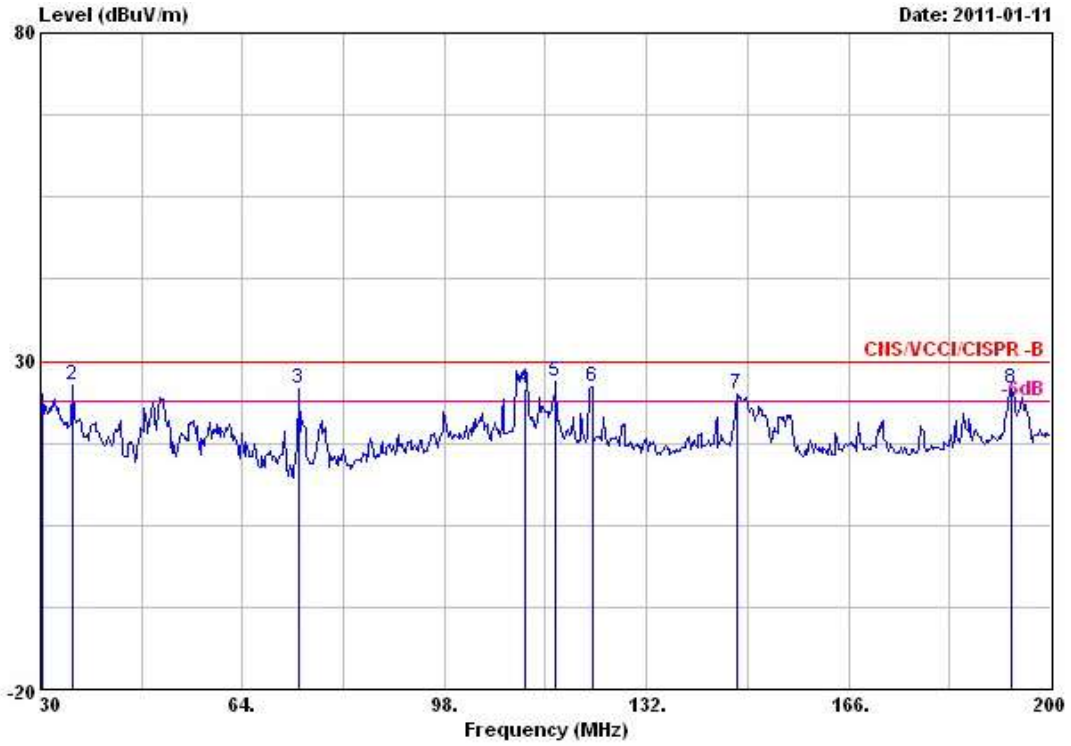
6.4 Test Result of Radiated Emission (Below 1GHz)

Frequency Range of Test	from 30 MHz to 1000 MHz	Test Distance	10m
Test Mode	Mode 2	Temperature	27℃
Test Engineer	Chi Ming Chu	Humidity	58%

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

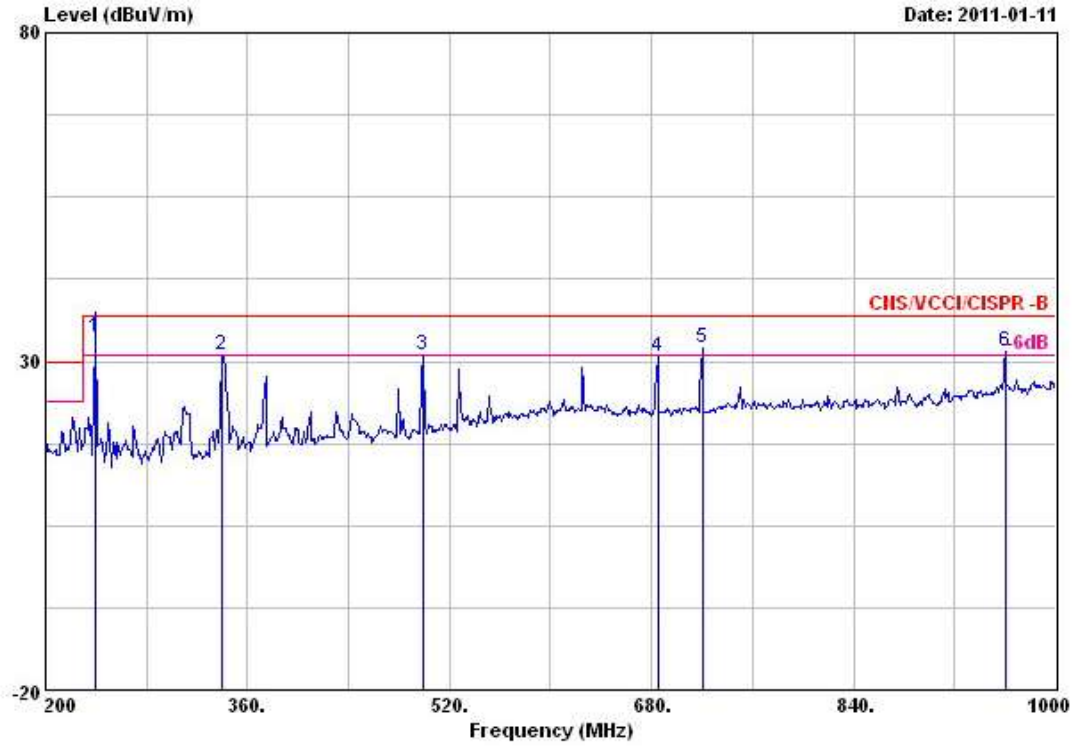
2. Corrected Reading : Antenna Factor + Cable Loss + Read Level – Preamp Factor = Level

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



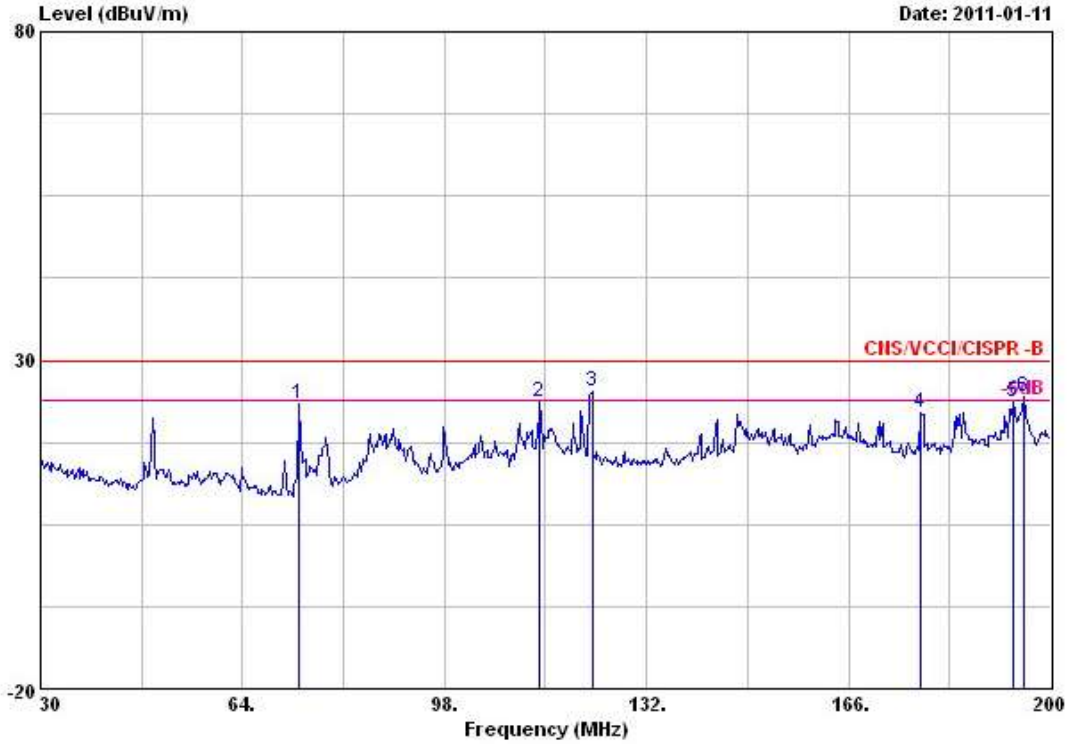
Site : 10CH02-HY
Condition : CNS/VCCI/CISPR -B 10m BICO-VHBB9124 VERTICAL
EUT : Rugged Tablet Computer
POWER: 120V/60Hz
MODEL : RTC-1000x
MEMO : LAN:10M
MEMO : LCD+D-SUB 800 * 600 72Hz

	Freq	Level	Over Limit	Limit Line	Read Level	Preamp Factor	Cable Loss	Antenna Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB/m		cm	deg
1 !	30.340	24.94	-5.06	30.00	37.88	28.25	1.46	13.85	Peak	---	---
2 @	35.270	26.45	-3.55	30.00	40.90	28.24	1.57	12.22	Peak	---	---
3 @	73.350	25.81	-4.19	30.00	43.51	28.15	2.10	8.35	Peak	---	---
4 @	111.430	25.69	-4.31	30.00	40.27	28.04	2.54	10.92	QP	100	140
5 @	116.700	26.86	-3.14	30.00	40.84	28.02	2.62	11.42	Peak	100	130
6 @	122.820	26.19	-3.81	30.00	39.59	27.99	2.69	11.90	Peak	---	---
7 @	147.300	25.10	-4.90	30.00	37.75	27.87	2.90	12.32	Peak	---	---
8 @	193.540	25.69	-4.31	30.00	35.16	27.63	3.28	14.88	Peak	---	---



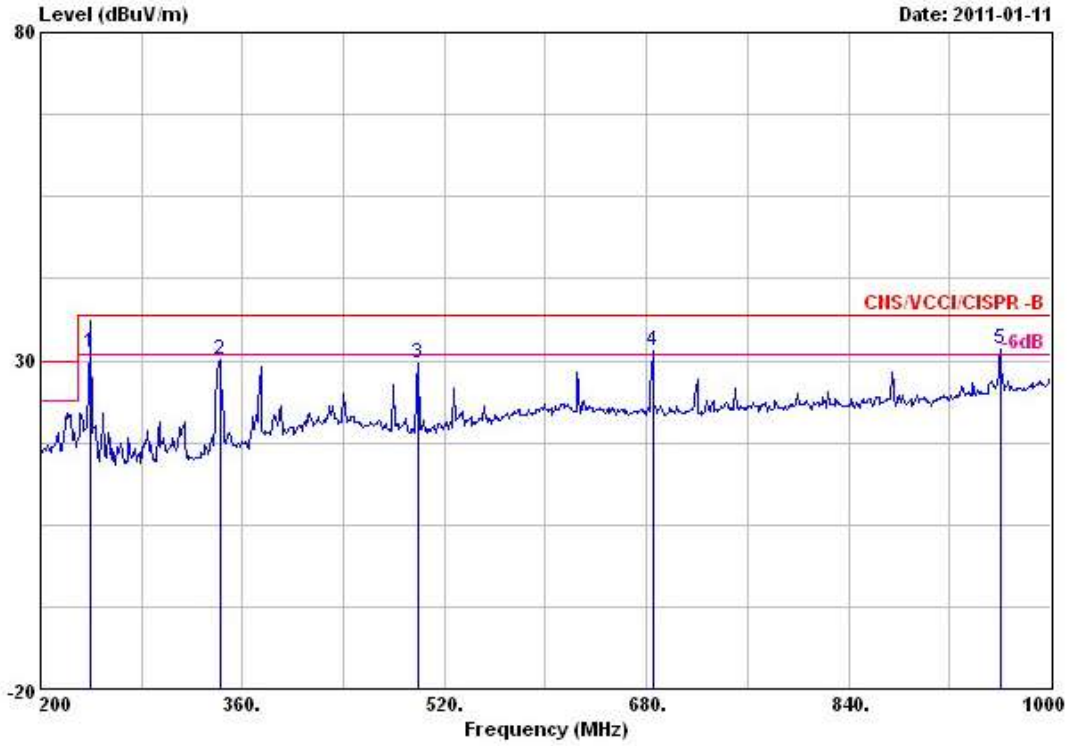
Site : 10CH02-HY
Condition : CNS/VCCI/CISPR -B 10m LOG-9111-207 VERTICAL
EUT : Rugged Tablet Computer
POWER: 120V/60Hz
MODEL : RTC-1000x
MEMO : LAN:10M
MEMO : LCD+D-SUB 800 * 600 72Hz

	Freq	Level	Over Limit	Limit Line	Read Level	Preamp Factor	Cable Loss	Antenna Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB/m		cm	deg
1 @	240.000	33.55	-3.45	37.00	45.14	27.52	2.74	13.19	QP	100	188
2	340.000	30.97	-6.03	37.00	41.08	27.67	3.34	14.22	Peak	---	---
3	499.200	30.99	-6.01	37.00	38.17	28.59	4.02	17.39	Peak	---	---
4	684.800	30.57	-6.43	37.00	33.97	28.33	4.69	20.24	Peak	---	---
5 !	720.000	31.96	-5.04	37.00	35.08	28.24	4.82	20.30	Peak	---	---
6 !	960.000	31.36	-5.64	37.00	30.54	27.46	5.83	22.45	Peak	---	---



Site : 10CH02-HY
Condition : CNS/VCCI/CISPR -B 10m BICO-VHBB9124 HORIZONTAL
EUT : Rugged Tablet Computer
POWER: 120V/60Hz
MODEL : RTC-1000x
MEMO : LAN:10M
MEMO : LCD+D-SUB 800 * 600 72Hz

	Freq	Level	Over Limit	Limit Line	Read Level	Preamp Factor	Cable Loss	Antenna Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB/m		cm	deg
1	73.350	23.35	-6.65	30.00	41.05	28.15	2.10	8.35	Peak	---	---
2	113.980	23.75	-6.25	30.00	38.05	28.03	2.57	11.16	Peak	---	---
3 @	122.820	25.25	-4.75	30.00	38.65	27.99	2.69	11.90	Peak	---	---
4	178.070	22.12	-7.88	30.00	33.02	27.71	3.16	13.65	Peak	---	---
5	193.710	23.55	-6.45	30.00	33.00	27.63	3.28	14.90	Peak	---	---
6 !	195.580	24.42	-5.58	30.00	33.70	27.63	3.30	15.05	Peak	---	---



Site : 10CH02-HY
Condition : CNS/VCCI/CISPR -B 10m LOG-9111-207 HORIZONTAL
EUT : Rugged Tablet Computer
POWER: 120V/60Hz
MODEL : RTC-1000x
MEMO : LAN:10M
MEMO : LCD+D-SUB 800 * 600 72Hz

	Freq	Level	Over Limit	Limit Line	Read Level	Preamp Factor	Cable Loss	Antenna Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB/m		cm	deg
1 !	240.000	31.11	-5.89	37.00	42.70	27.52	2.74	13.19	QP	400	200
2	342.400	30.05	-6.95	37.00	40.10	27.69	3.35	14.29	Peak	---	---
3	499.200	29.47	-7.53	37.00	36.65	28.59	4.02	17.39	Peak	---	---
4 !	684.800	31.59	-5.41	37.00	34.99	28.33	4.69	20.24	Peak	---	---
5 !	960.000	31.68	-5.32	37.00	30.86	27.46	5.83	22.45	Peak	---	---

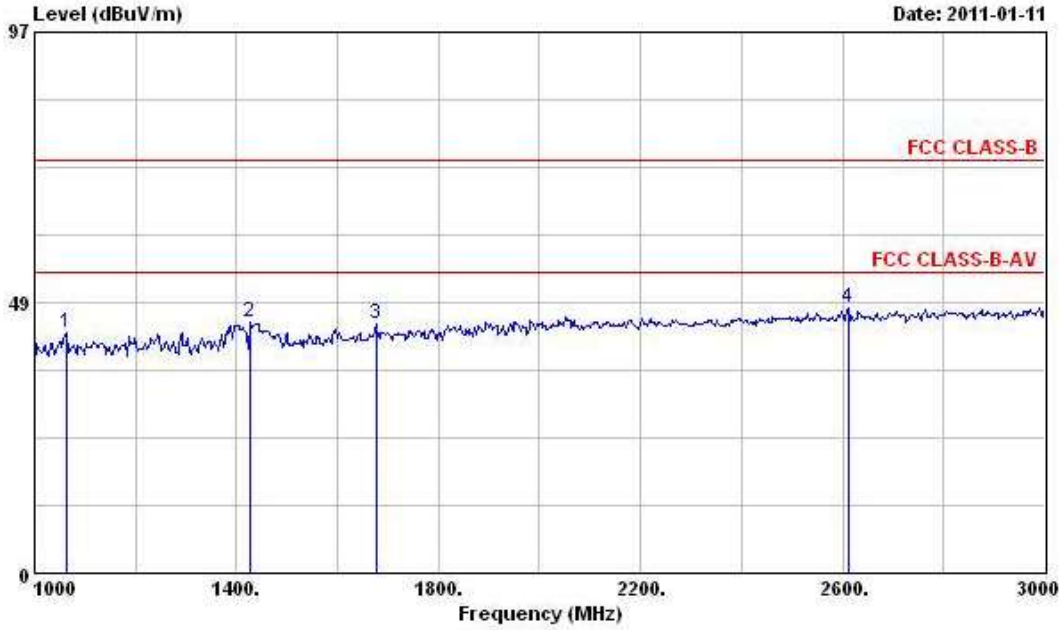
6.5 Test Result of Radiated Emission (Above 1GHz)

Frequency Range of Test	From 1000MHz to 13000MHz	Test Distance	1m/3m
Test Mode	Mode 2	Temperature	22℃
Test Engineer	Daniel Hsu	Humidity	58%

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

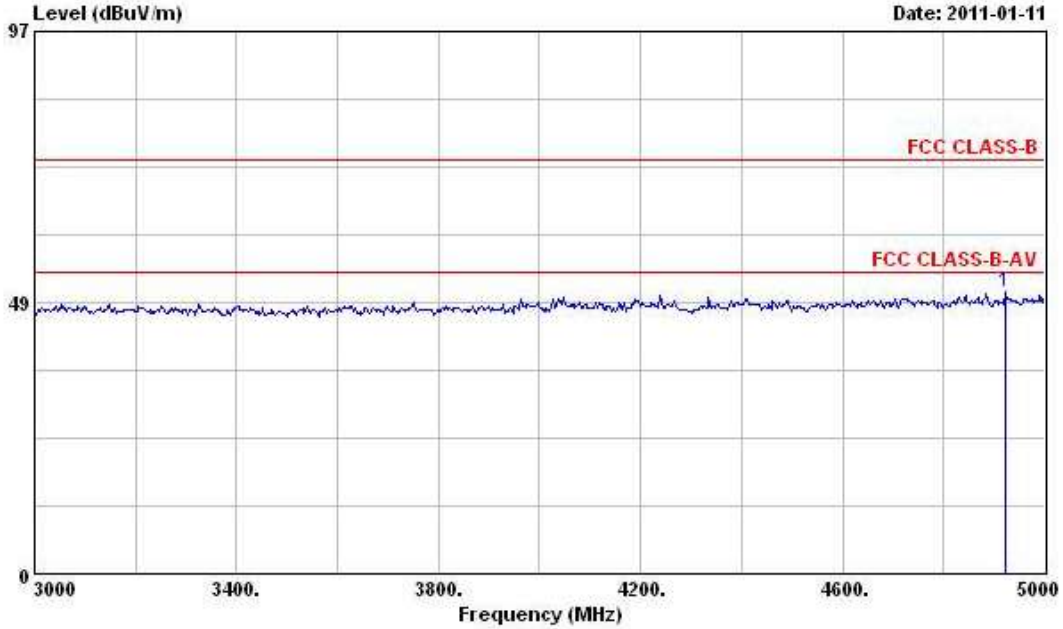
2. Corrected Reading : Antenna Factor + Cable Loss + Read Level − Preamp Factor = Level

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



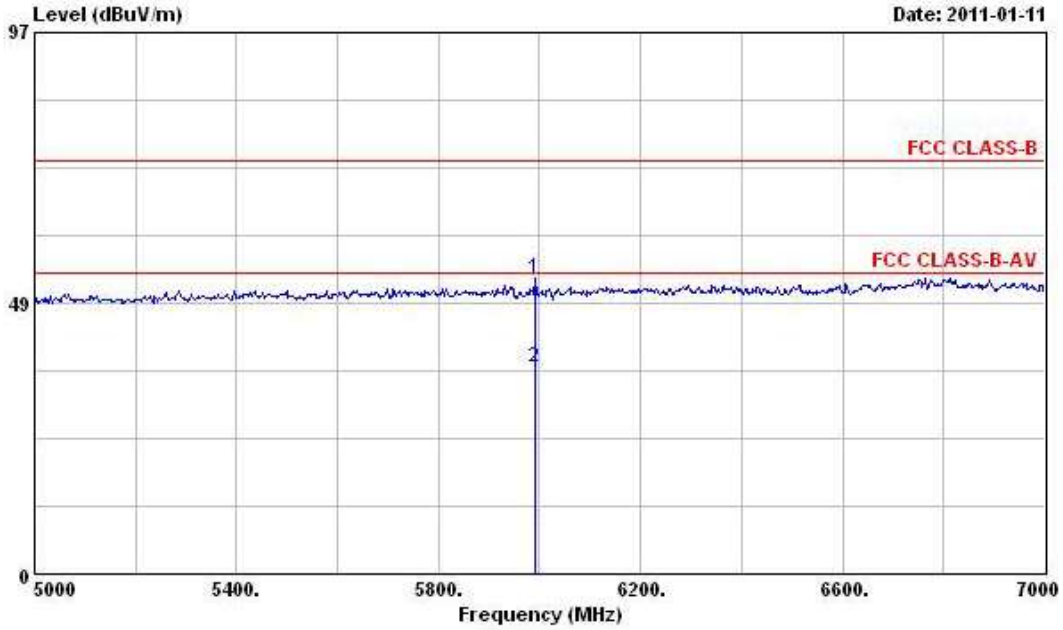
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-V VERTICAL
Eut : Rugged Tablet Computer
Model : RTC-1000x
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	1062.000	43.14	-30.86	74.00	48.99	27.08	1.88	34.81	Peak
2	1428.000	44.85	-29.15	74.00	49.01	28.02	2.22	34.40	Peak
3	1676.000	44.55	-29.45	74.00	47.09	29.08	2.43	34.05	Peak
4 @	2612.000	47.58	-26.42	74.00	46.07	32.59	3.16	34.24	Peak



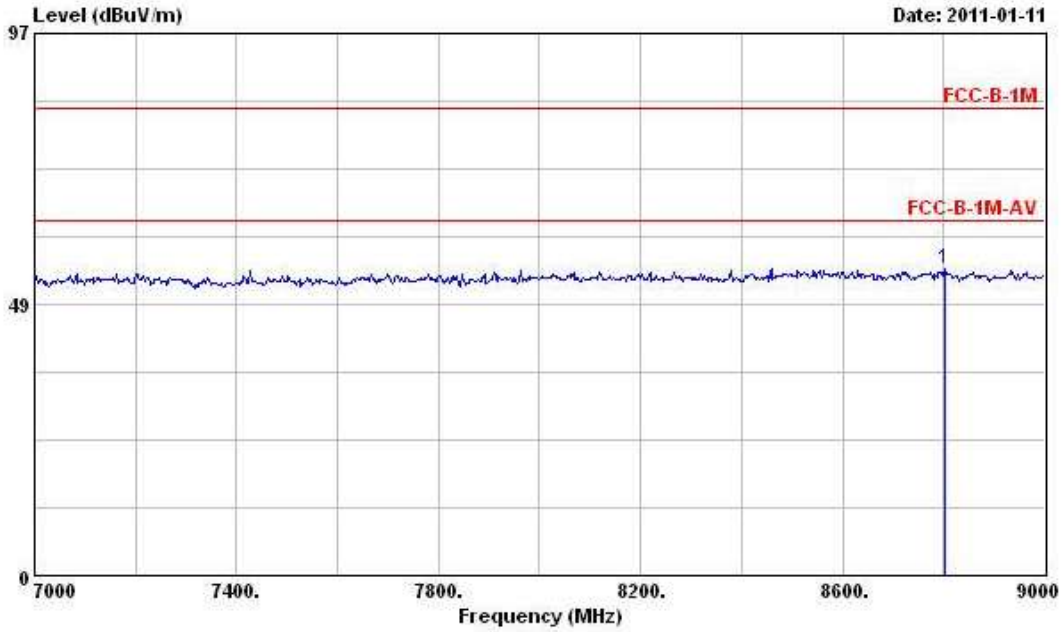
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-V VERTICAL
Eut : Rugged Tablet Computer
Model : RTC-1000x
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 @	4924.000	50.36	-23.64	74.00	44.83	35.23	4.68	34.38	Peak



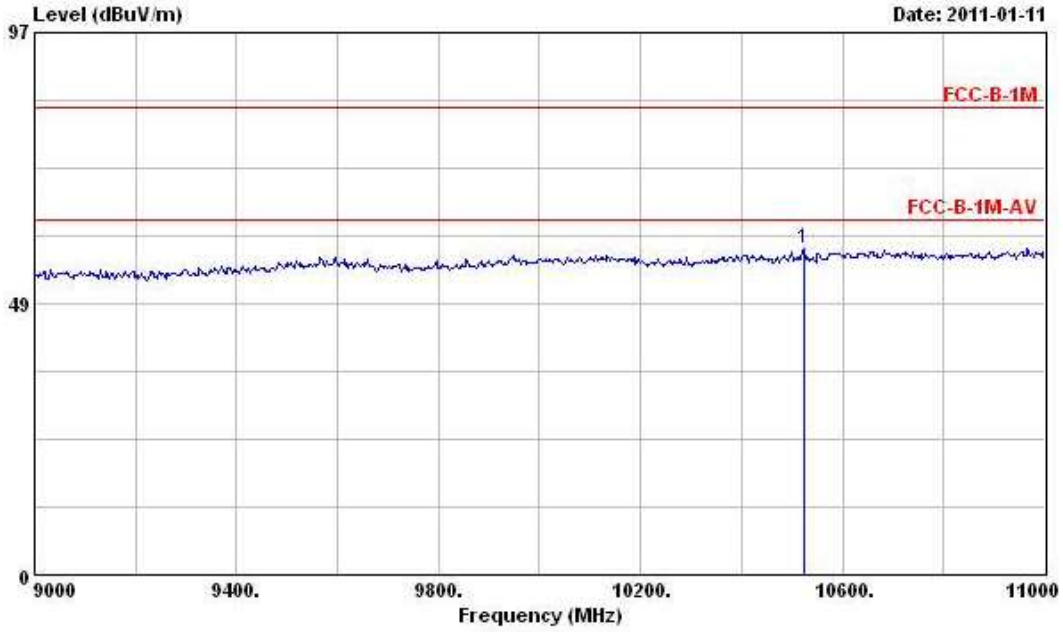
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-V VERTICAL
Eut : Rugged Tablet Computer
Model : RTC-1000x
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 @	5990.000	52.99	-21.01	74.00	45.72	36.40	5.20	34.33	Peak
2 @	5990.000	37.15	-16.85	54.00	29.88	36.40	5.20	34.33	Average



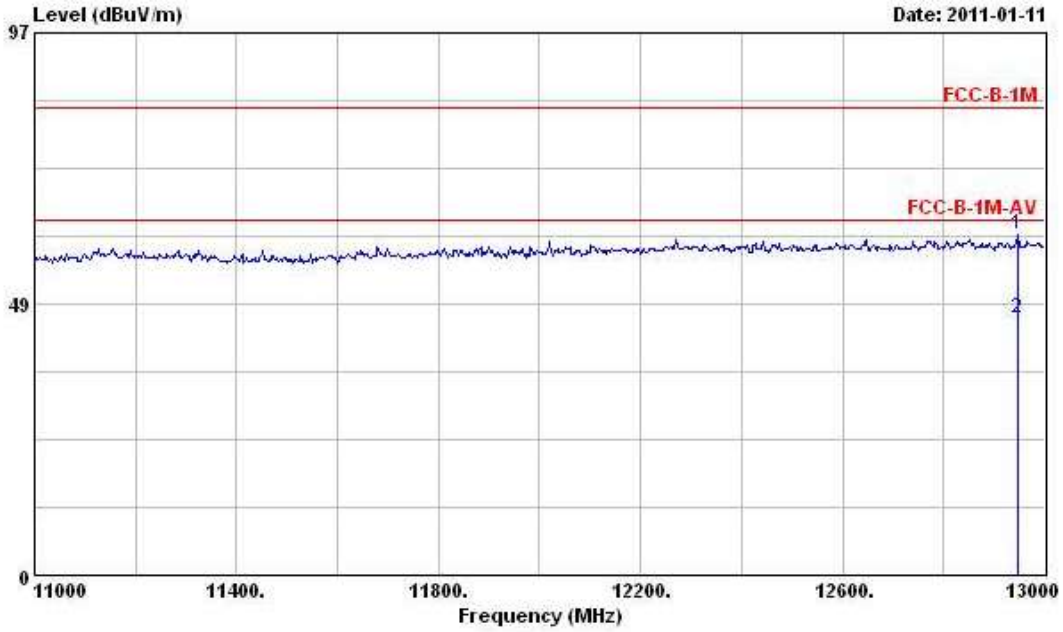
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M VERTICAL
Eut : Rugged Tablet Computer
Model : RTC-1000x
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8804.000	55.00	-28.54	83.54	45.18	38.26	6.08	34.52	Peak



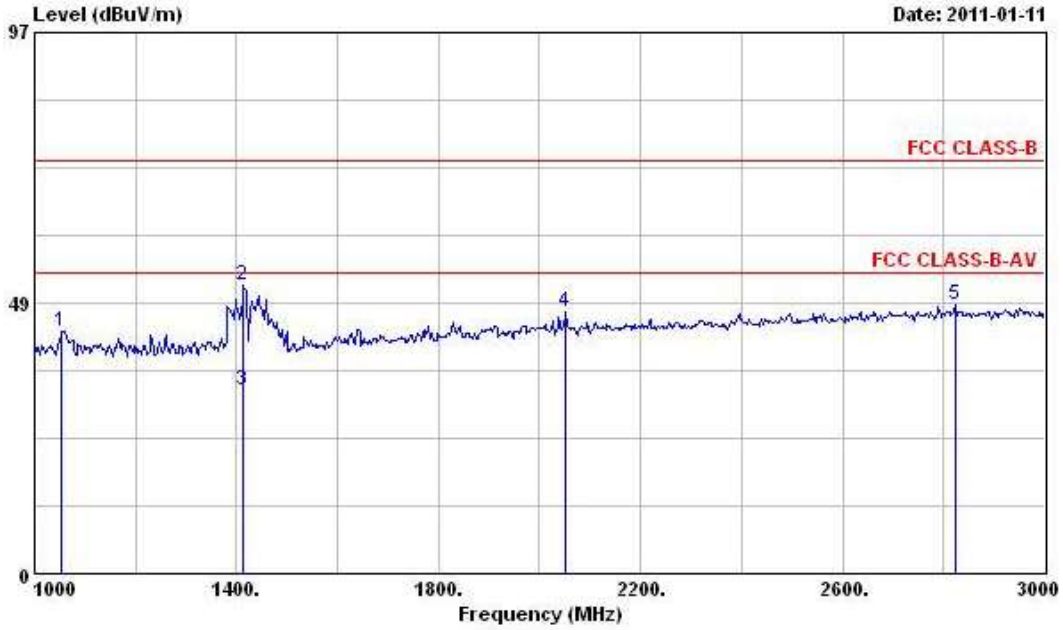
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M VERTICAL
Eut : Rugged Tablet Computer
Model : RTC-1000x
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	@10524.000	58.49	-25.05	83.54	45.53	40.11	6.85	34.00	Peak



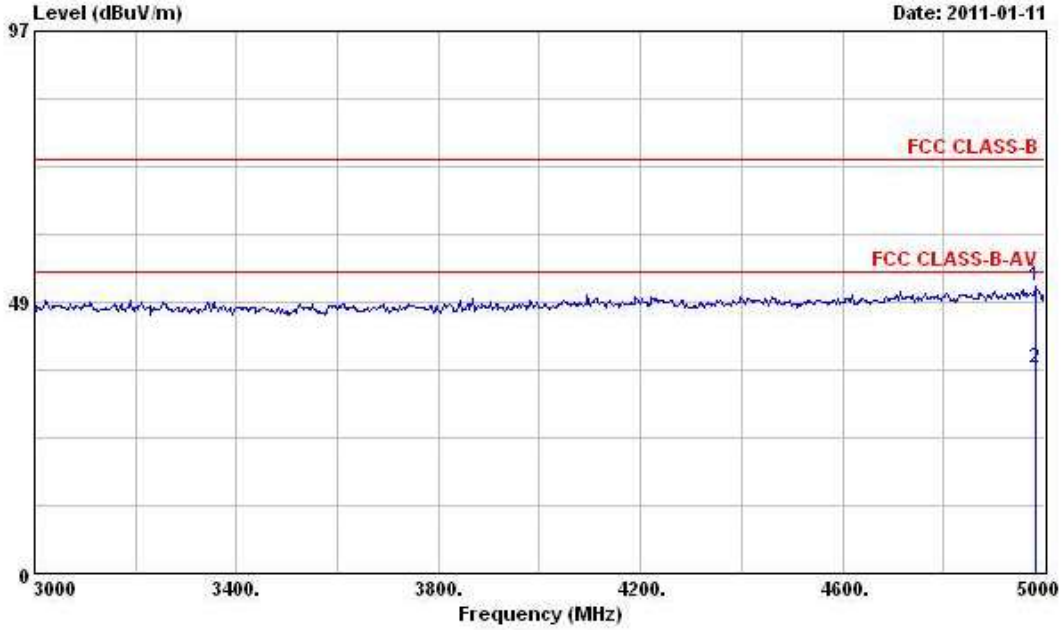
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M VERTICAL
Eut : Rugged Tablet Computer
Model : RTC-1000x
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	@12948.000	60.86	-22.68	83.54	44.92	41.40	7.22	32.68	Peak
2	@12948.000	46.00	-17.54	63.54	30.06	41.40	7.22	32.68	Average



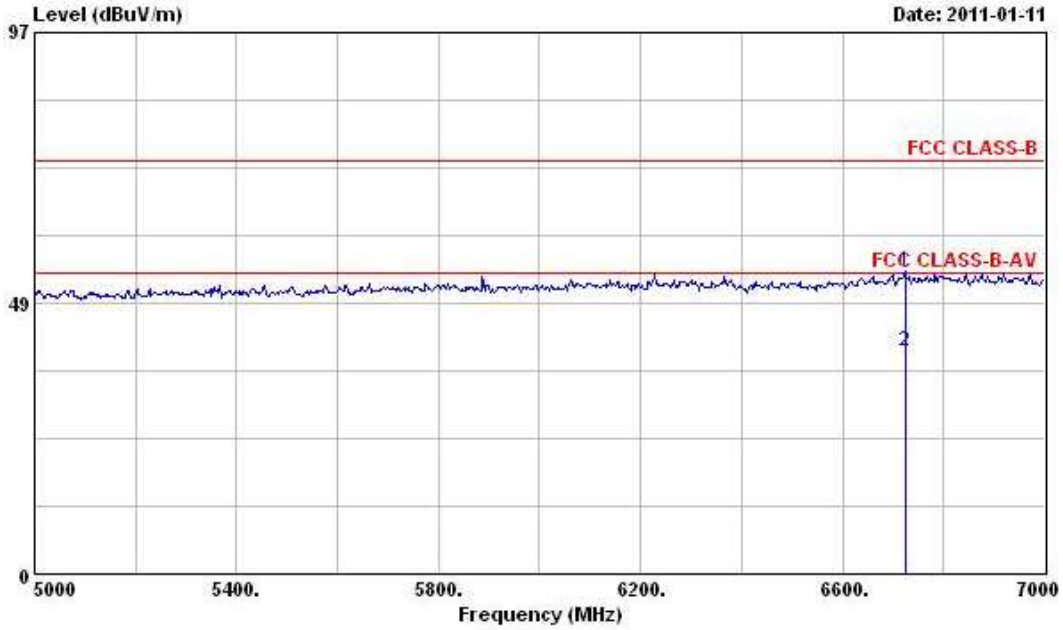
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-H HORIZONTAL
Eut : Rugged Tablet Computer
Model : RTC-1000x
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	1054.000	43.45	-30.55	74.00	49.28	27.14	1.84	34.81	Peak
2 @	1414.000	51.68	-22.32	74.00	56.46	27.43	2.22	34.43	Peak
3 @	1414.000	32.78	-21.22	54.00	37.56	27.43	2.22	34.43	Average
4	2052.000	46.77	-27.23	74.00	47.27	30.41	2.75	33.66	Peak
5 @	2822.000	48.16	-25.84	74.00	46.00	32.96	3.32	34.12	Peak



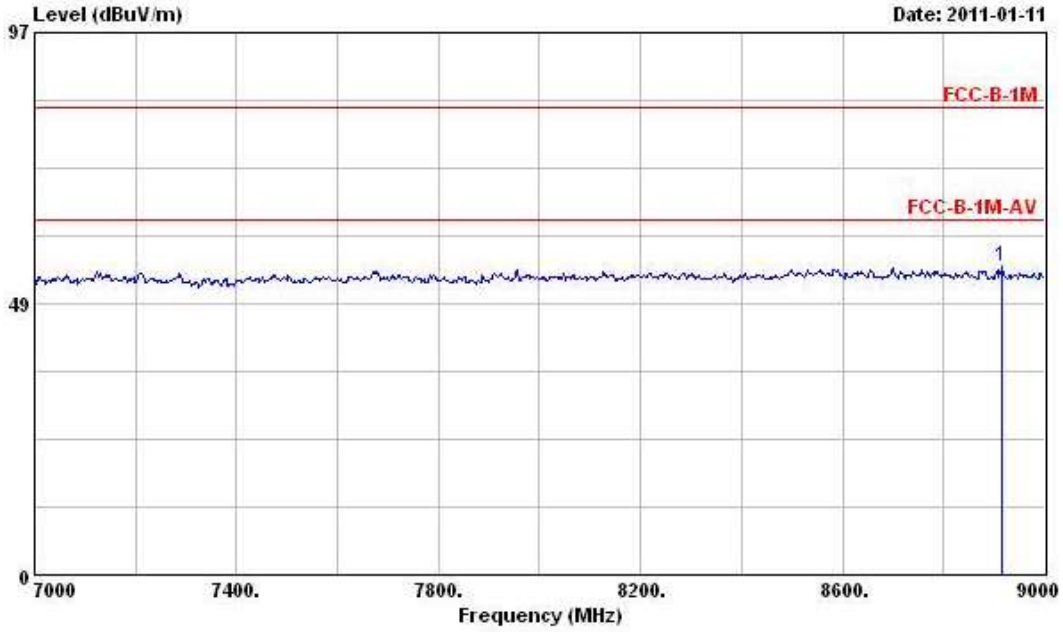
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-H HORIZONTAL
Eut : Rugged Tablet Computer
Model : RTC-1000x
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	@ 4982.000	51.49	-22.51	74.00	45.12	35.98	4.71	34.32	Peak
2	@ 4982.000	36.80	-17.20	54.00	30.43	35.98	4.71	34.32	Average



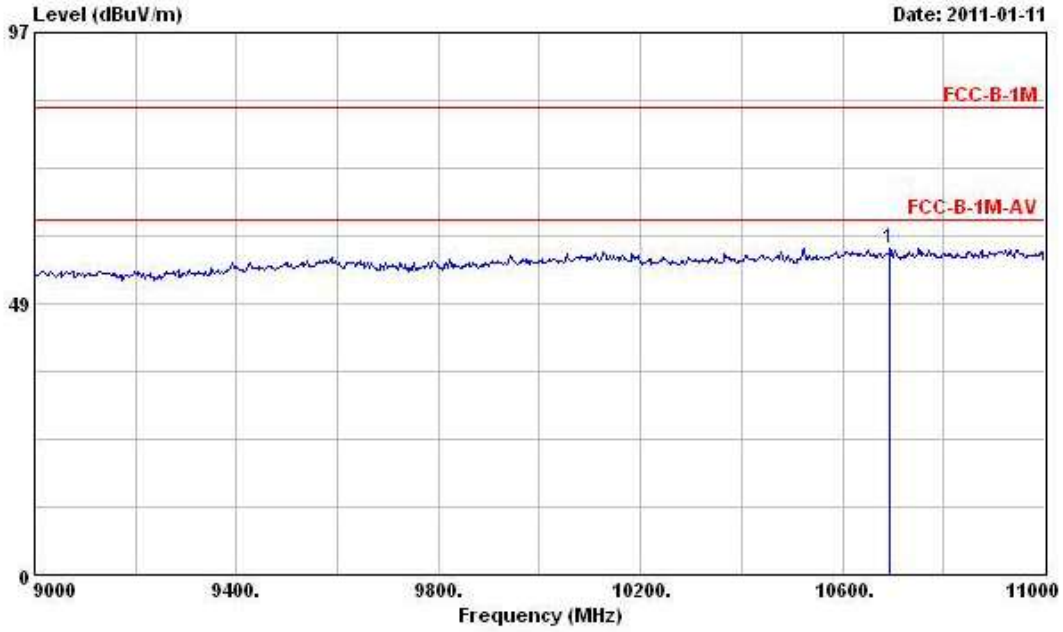
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-H HORIZONTAL 0cm 0deg
Eut : Rugged Tablet Computer
Model : RTC-1000x
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 @	6724.000	54.30	-19.70	74.00	45.42	37.63	5.54	34.29	Peak
2 @	6724.000	39.88	-14.12	54.00	31.00	37.63	5.54	34.29	Average



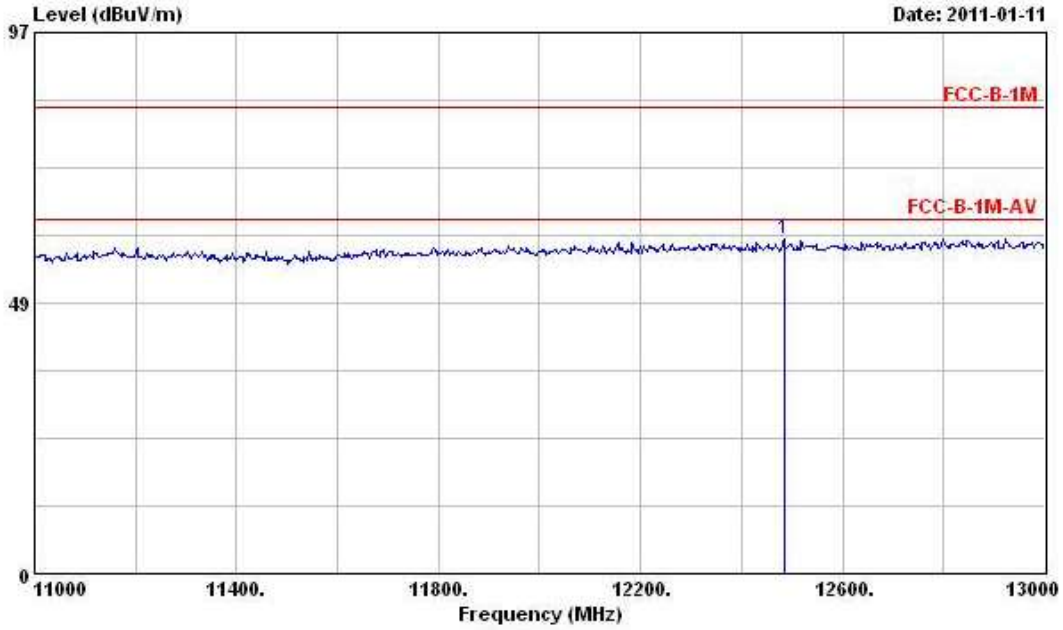
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M HORIZONTAL
Eut : Rugged Tablet Computer
Model : RTC-1000x
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8916.000	55.11	-28.43	83.54	45.44	38.17	6.13	34.63	Peak



Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M HORIZONTAL
Eut : Rugged Tablet Computer
Model : RTC-1000x
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	@10694.000	58.47	-25.07	83.54	45.06	40.21	6.98	33.78	Peak



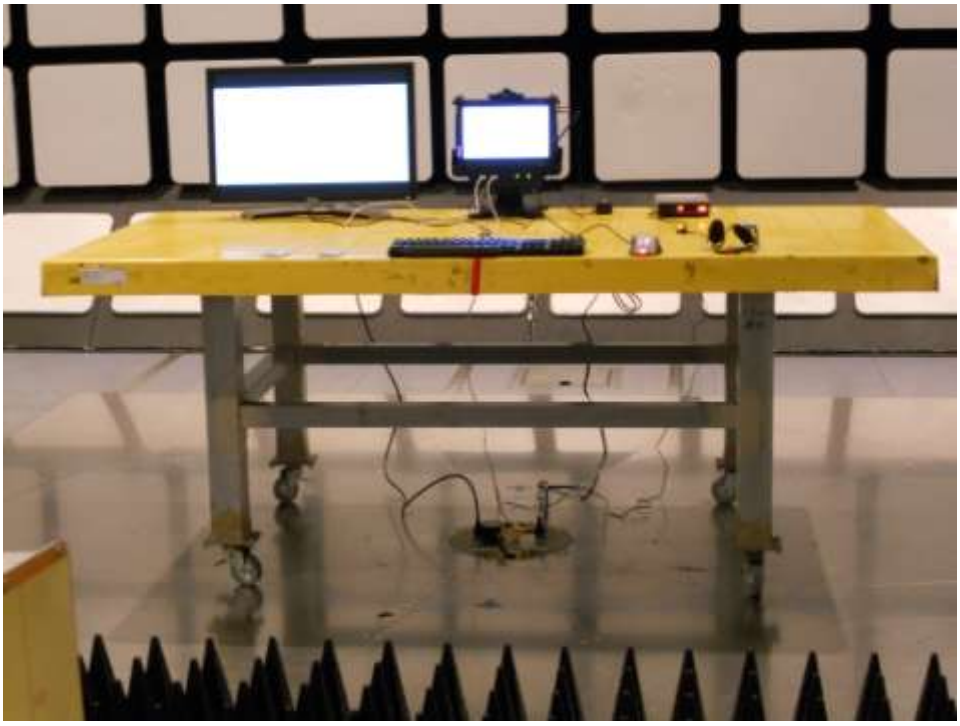
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M HORIZONTAL
Eut : Rugged Tablet Computer
Model : RTC-1000x
Memo :
Memo :

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	@12484.000	60.05	-23.49	83.54	45.51	41.40	6.70	33.56	Peak

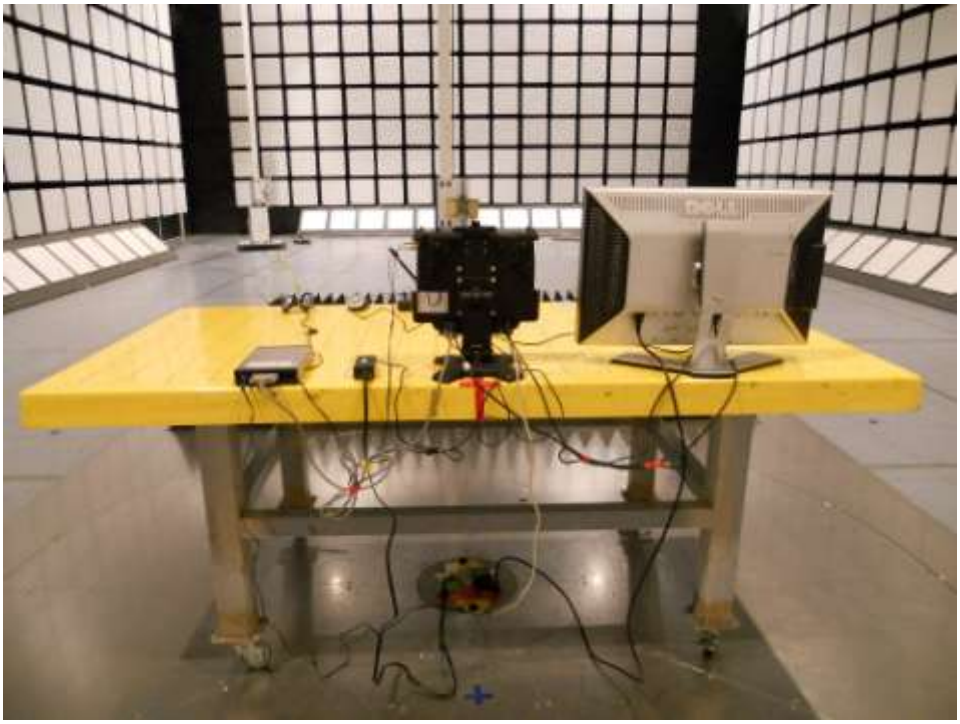
6.6 Photographs of Radiated Emission Test Configuration (Above 1GHz)

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

FRONT VIEW



REAR VIEW



7. List of Measuring Equipment Used

< Conducted Emission >

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMC Receiver	R&S	ESCS 30	100174	9kHz – 2.75GHz	Apr. 06, 2010	Conduction (CO04-HY)
LISN	MessTec	NNB-2/16Z	99041	9kHz – 30MHz	Mar. 23, 2010	Conduction (CO04-HY)
LISN (Support Unit)	EMCO	3810/2NM	9703-1839	9kHz – 30MHz	Apr. 29, 2010	Conduction (CO04-HY)
RF Cable-CON	UTIFLEX	3102-26886-4	CB049	9kHz – 30MHz	Apr. 20, 2010	Conduction (CO04-HY)
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	N/A	Conduction (CO04-HY)

※ Calibration Interval of instruments listed above is one year.

< Radiated Emission below 1GHz >

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
10m Semi Anechoic Chamber	TDK	SAC-10M	10CH02-HY	30MHz~1GHz 10m,3m	Nov. 28, 2010	Radiation (10CH02-HY)
Amplifier	AGILENT	8447D	2944A10827	100KHz – 1.3GHz	May 14, 2010	Radiation (10CH02-HY)
Receiver	R&S	ESI	838496/008	20Hz - 7GHz	Apr. 26, 2010	Radiation (10CH02-HY)
Spectrum Analyzer	R&S	FSP7	100645	9KHz – 7GHz	Aug. 10, 2010	Radiation (10CH02-HY)
Biconical Antenna	Schwarzbeck	VHBB 9124	287	30MHz –200MHz	Dec. 20, 2010	Radiation (10CH02-HY)
Log Antenna	Schwarzbeck	VUSLP 9111	207	200MHz -1GHz	Dec. 20, 2010	Radiation (10CH02-HY)
Turn Table	HD	DS 430	430/360	0 ~ 360 degree	N/A	Radiation (10CH02-HY)
Antenna Mast	HD	MA240	240/664	1 m - 4 m	N/A	Radiation (10CH02-HY)
RF Cable-R10m	Jye Bao	RG142	CB027-INSIDE	30MHz~1GHz	Feb. 12, 2010	Radiation (10CH02-HY)

※ Calibration Interval of instruments listed above is one year.

< Radiated Emission above 1GHz >

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30 MHz - 1 GHz 3m	May 01, 2010	Radiation (03CH02-HY)
Spectrum Analyzer	R&S	FSP30	100792	9 kHz – 30GHz	Apr. 01, 2010	Radiation
Amplifier	Agilent	8449B	3008A02326	1GHz – 26.5 GHz	Feb. 26, 2010	Radiation
RF Cable-HIGH	SUHNER	SUCOFLEX 106	CB063-HF	1 GHz - 40 GHz	Nov. 25, 2009	Radiation
Horn Antenna	ETS	3117	00091920	1GHz ~ 18GHz	Oct. 22, 2009	Radiation

※ Calibration Interval of instruments listed above is one year.

8. TAF Certificate of Accreditation

Certificate No. : L1190-100529

財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

This is to certify that

Sporton International Inc.
EMC & Wireless Communications Laboratory
No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

is accredited in respect of laboratory

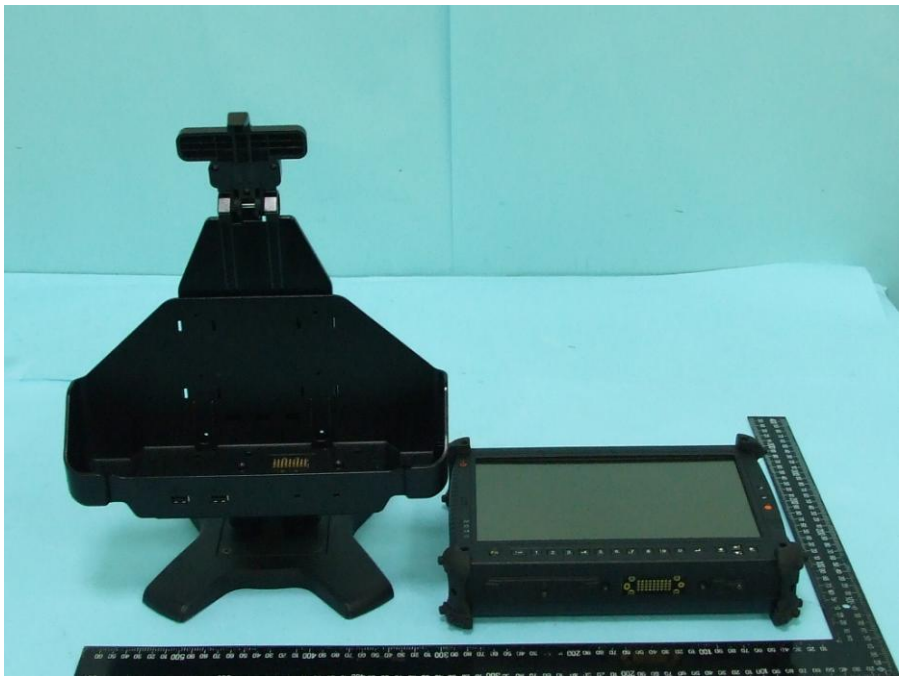
Accreditation Criteria	:	ISO/IEC 17025:2005
Accreditation Number	:	1190
Originally Accredited	:	December 15, 2003
Effective Period	:	January 10, 2010 to January 09, 2013
Accredited Scope	:	Testing Field, see described in the Appendix
Specific Accreditation Program	:	Accreditation Program for Designated Testing Laboratory for Commodities Inspection Accreditation Program for Telecommunication Equipment Testing Laboratory Accreditation Program for BSMI Mutual Recognition Arrangment with Foreign Authorities

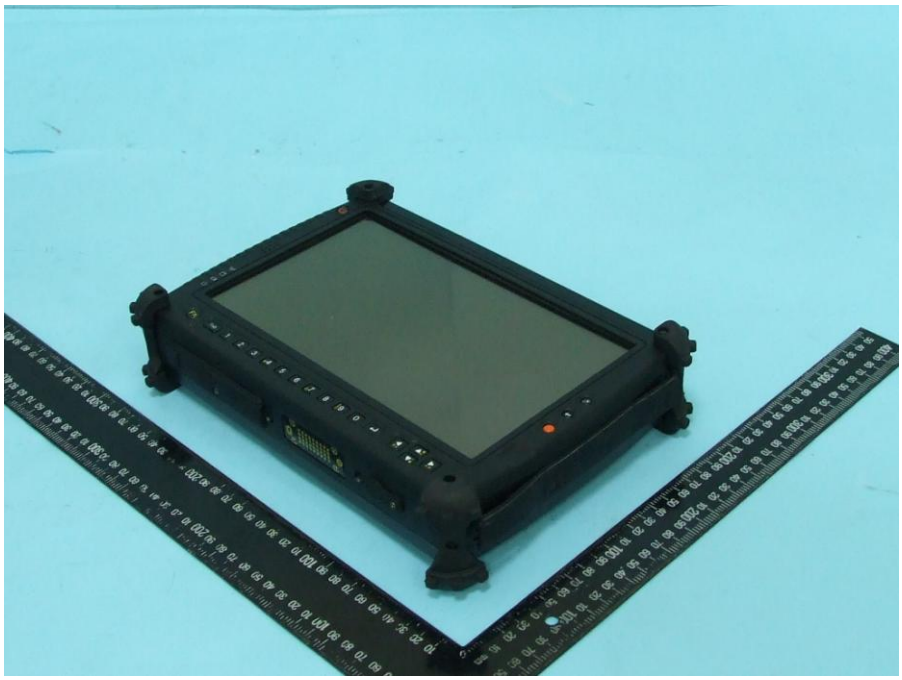
Jay-San Chen
President, Taiwan Accreditation Foundation
Date : May 29, 2010

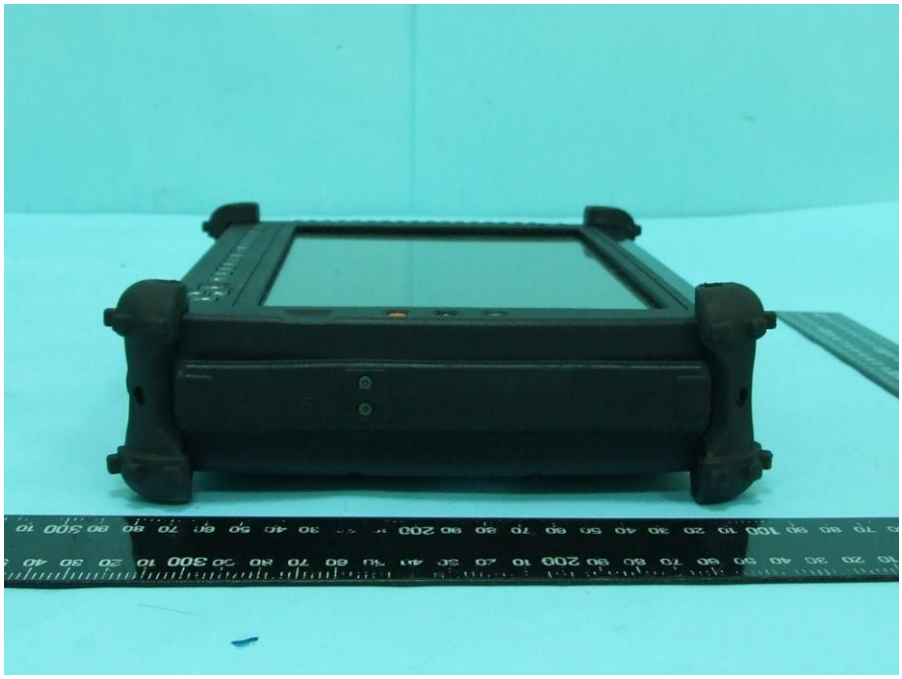
P1, total 23 pages

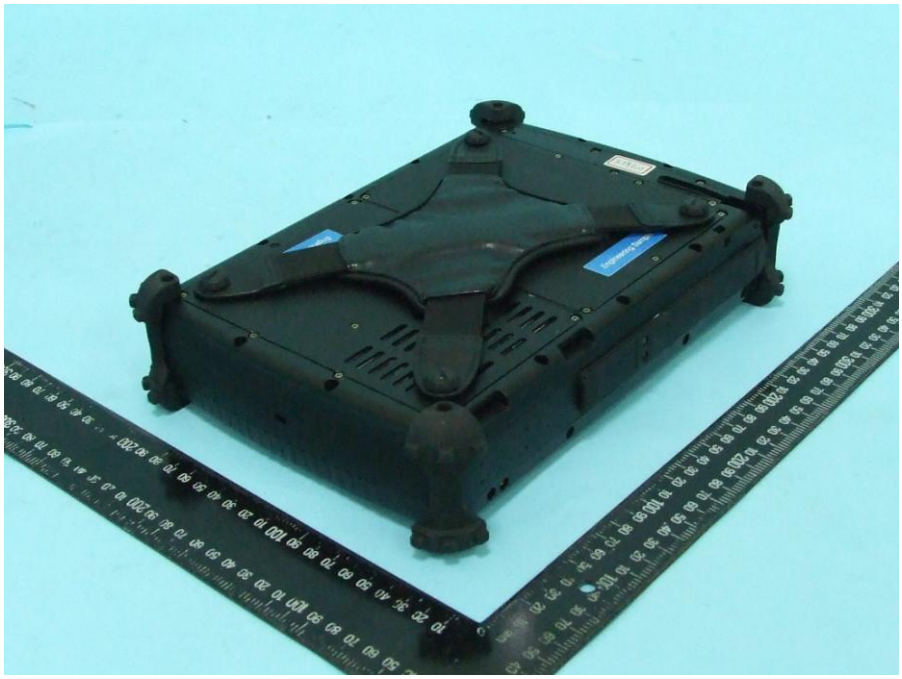
The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix

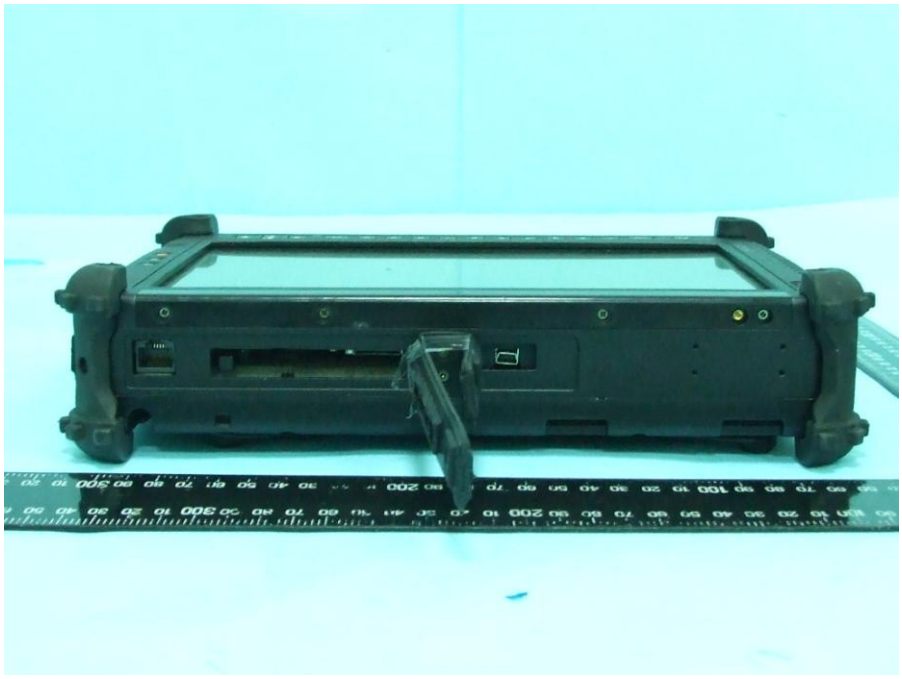
APPENDIX A. Photographs of EUT





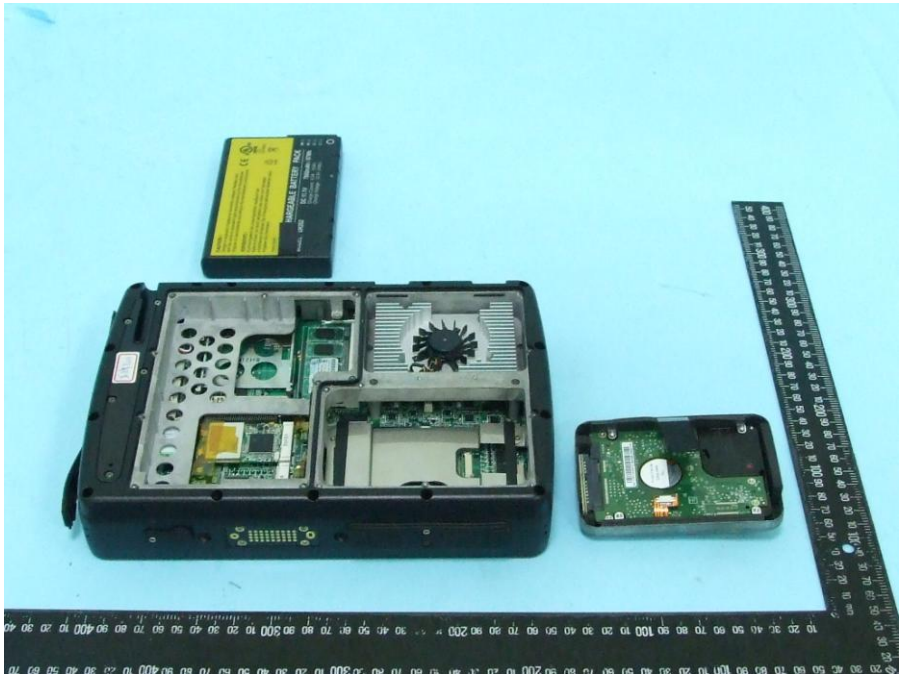


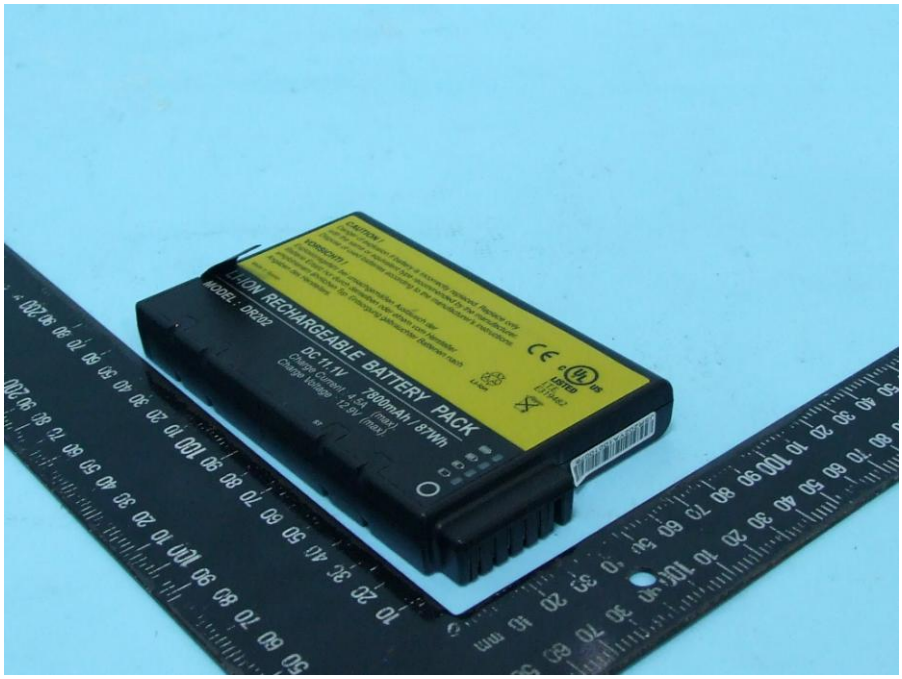


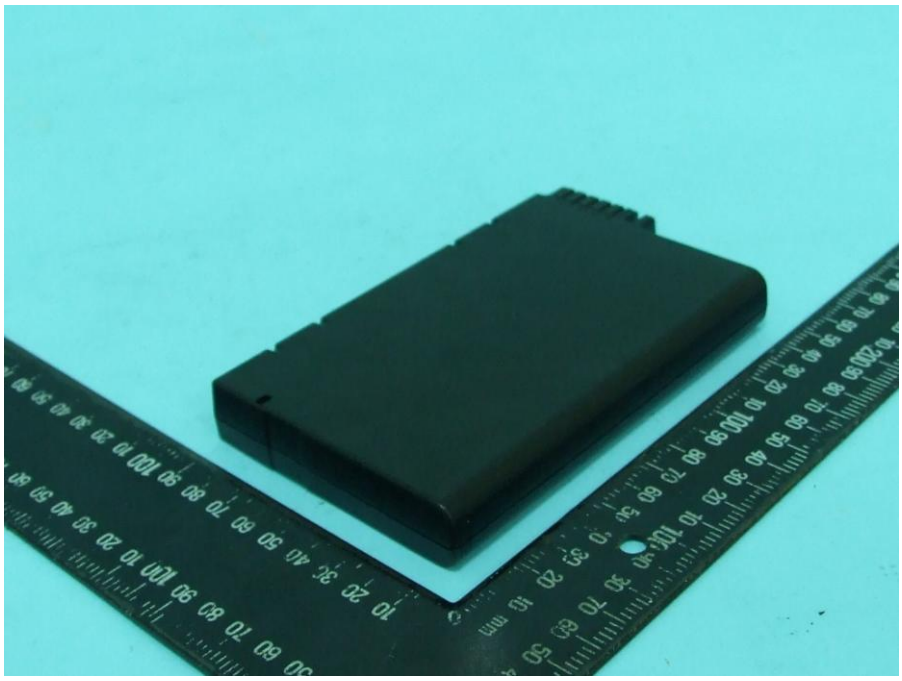



Engineering Sample

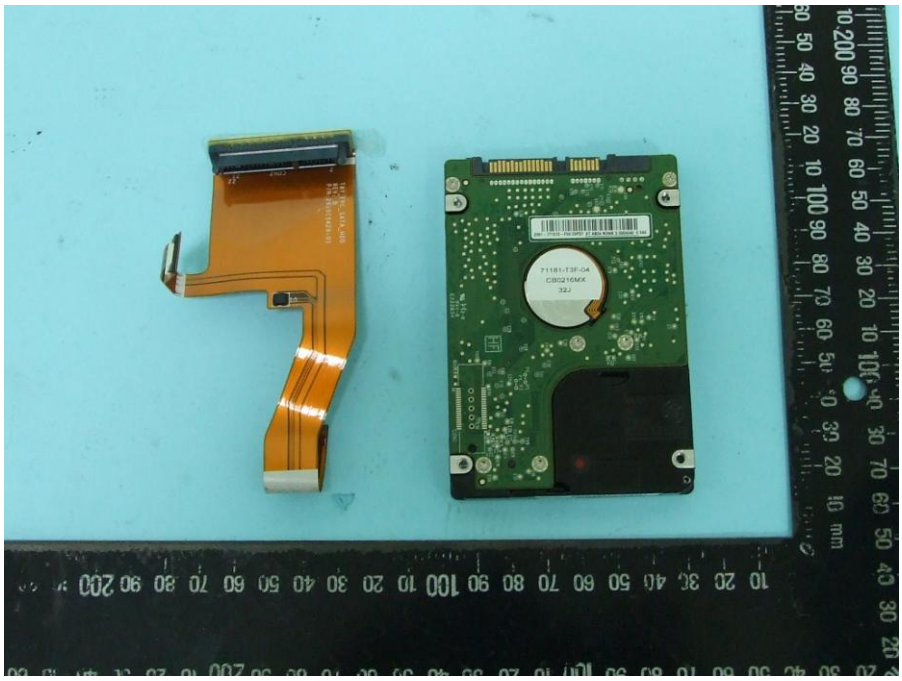

RECHARGEABLE BATTERY PACK

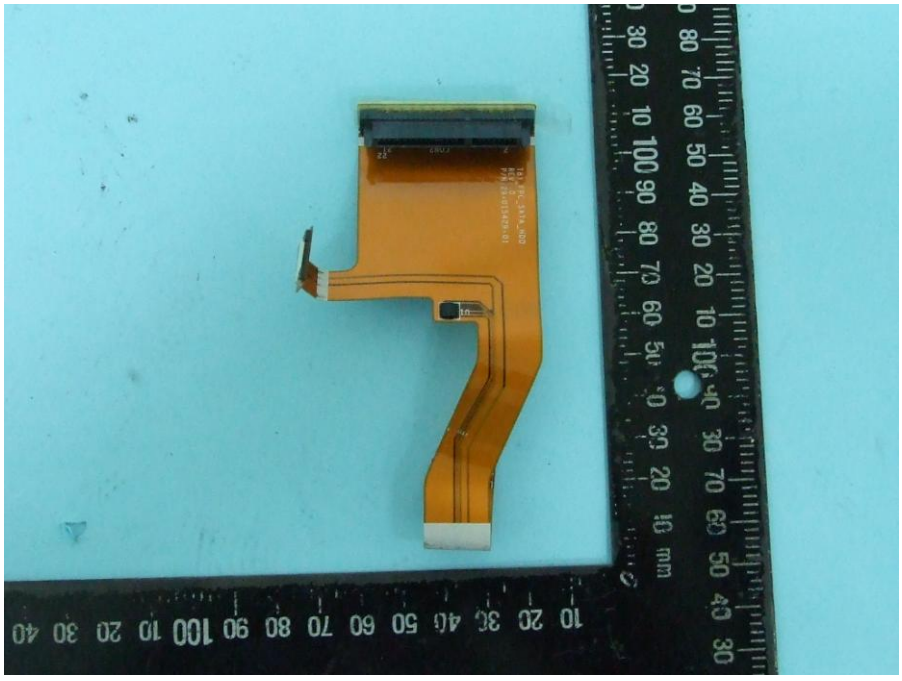


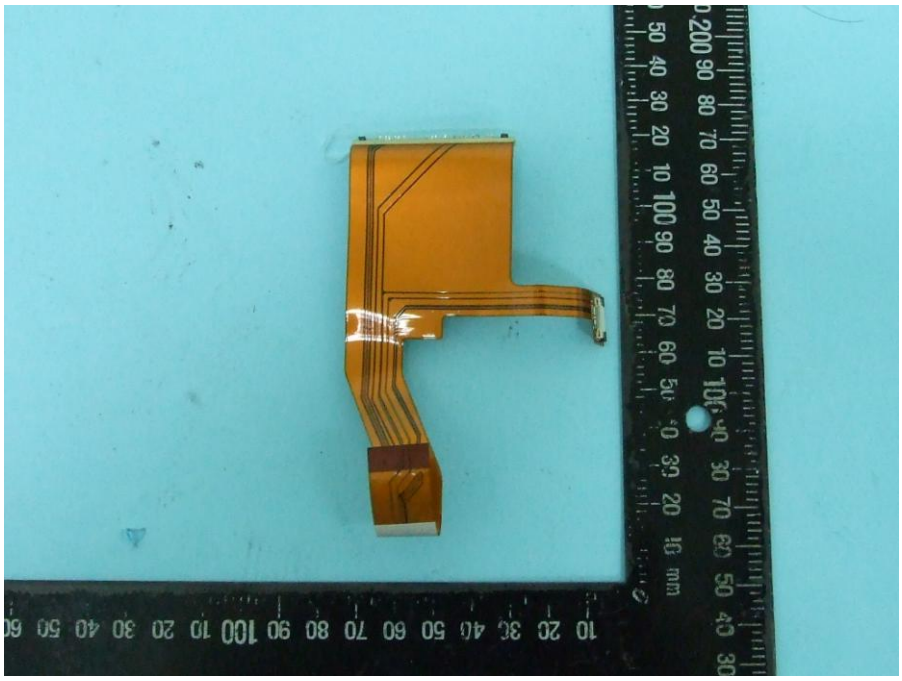

Li-ION RECHARGEABLE BATTERY PACK
DC 11.1V
7800mAh / 87Wh




CAUTION !
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.
VORSICHTI !
Explosionsgefahr bei unsachgemäßen Austausch der Batterie Ersatz nur durch denselben oder elnem vom Hersteller empfohlenem ähnlichen Typ. Entsorgung gabrauchter Batterien nach Angaben des Herstellers.
LISTED
I.T.E.
E319482
Li-ion
Made in Taiwan
LI-ION RECHARGEABLE BATTERY PACK
MODEL : DR202
DC 11.1V 7800mAh / 87Wh
Charge Current : 4.5A (max).
Charge Voltage : 12.9V (max).

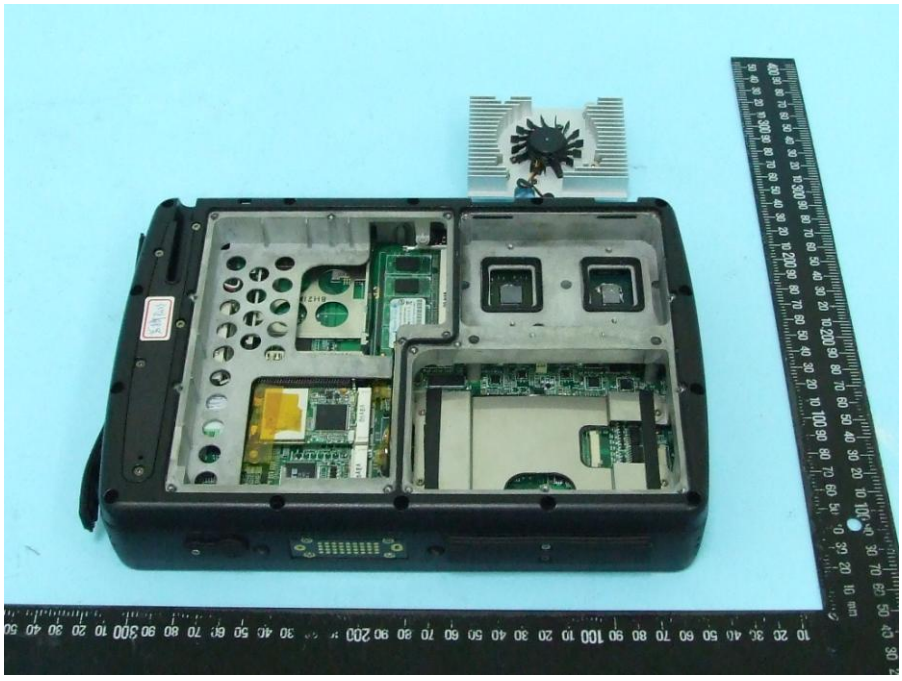


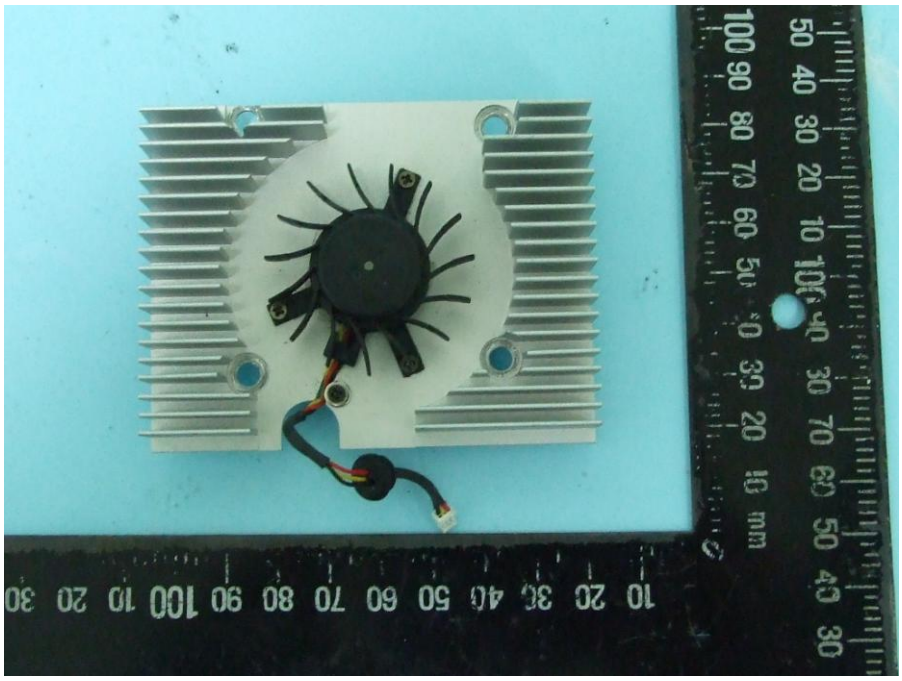


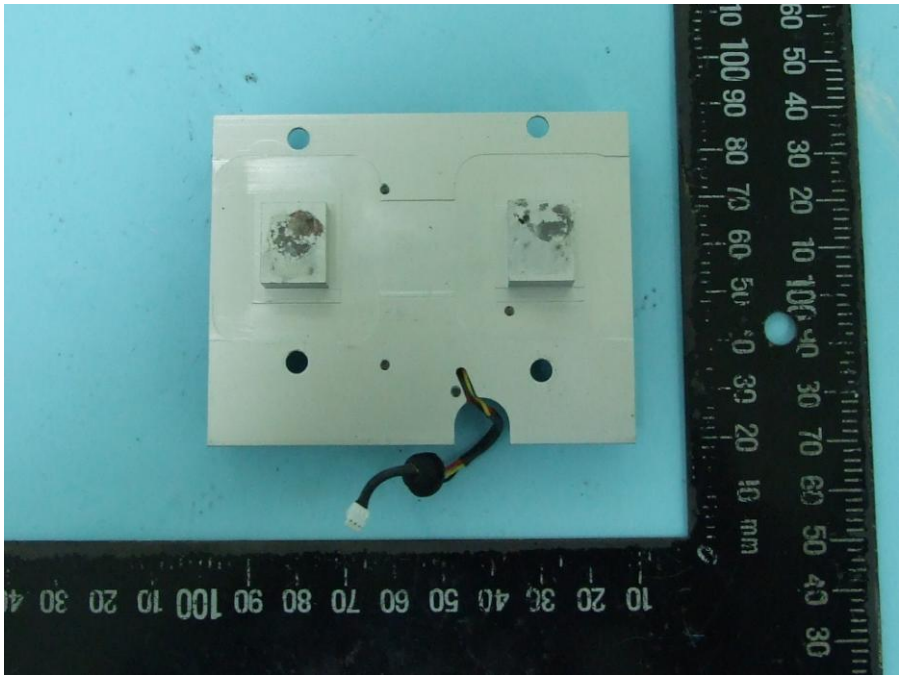


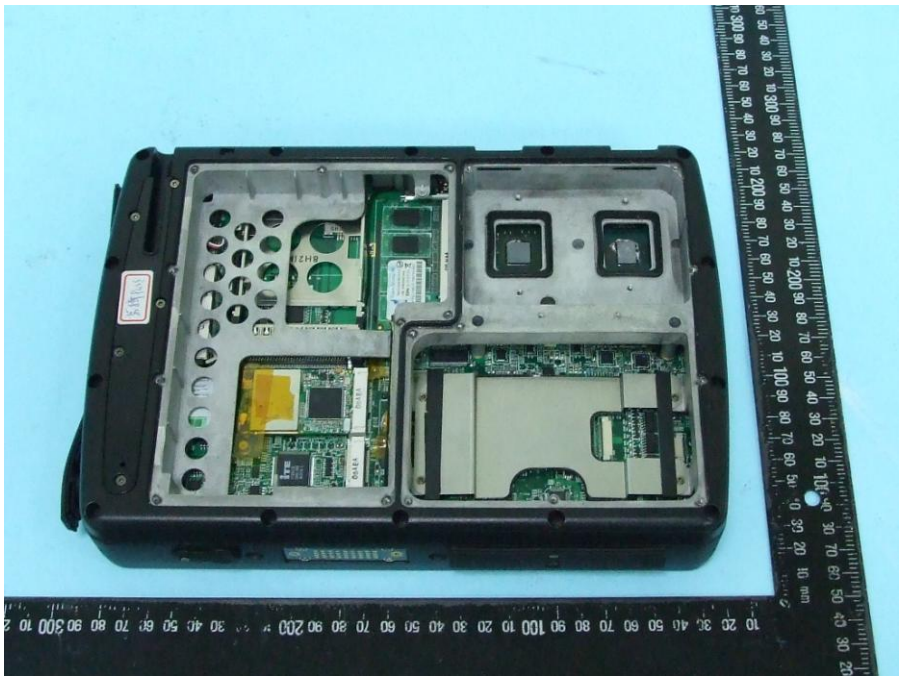

WD800BEVT
80GB
WD Scorpio Blue

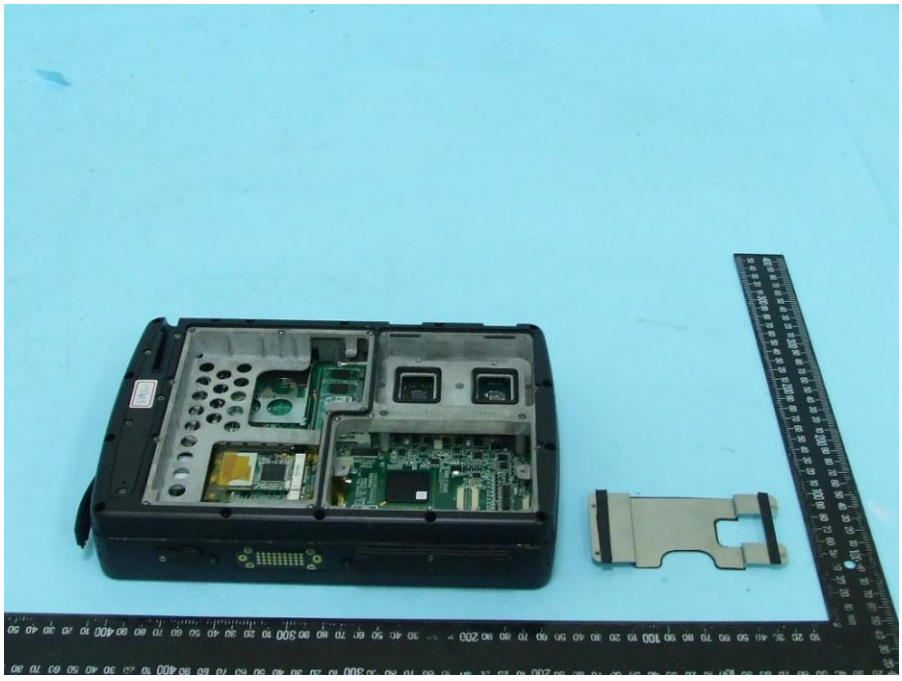

FRAGILE
DO NOT COVER
ANY DRIVE HOLES
WD
www.westerndigital.com
80GB
WD800BEVT
S/N : WX81A2007019
MDL : WD800BEVT – 00A23T0
Product warranty will be void if seal,
label or cover is removed or damaged.
Do not press
on top cover.
WWN:50014EE2AED5E8E0
DATE: 28 FEB 2010
LBA : 156301488
DCM : HHCTJHBB
5VDC : 0.55A
DCX : 0A0122137
R/N : 771672
U.S. Patents: 6178056, 5956196,6289484, 6263459
Product of Thailand
Canada ICES – 003 Class B/
NMB – 003 Classe B
RoHS
SERIAL ATA
D33015
E101559
N3565
WDT – 771672(B)
WD Scorpio® Blue™

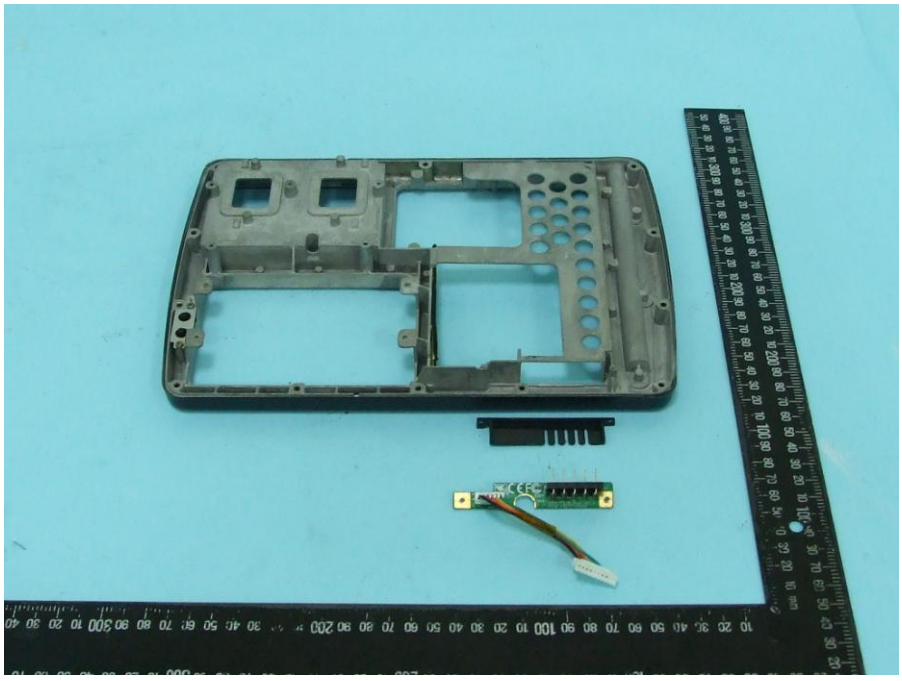


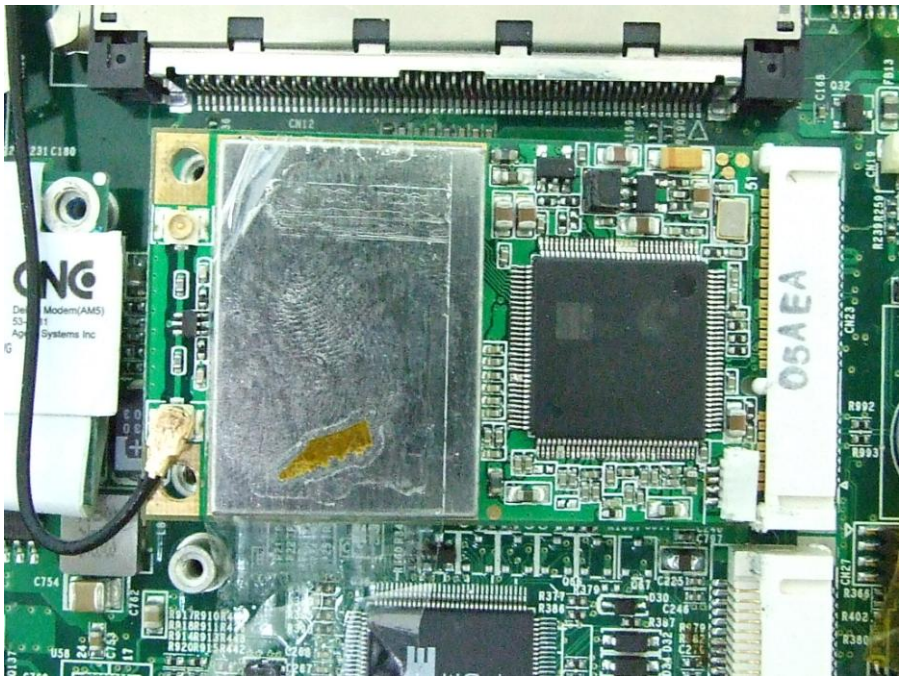


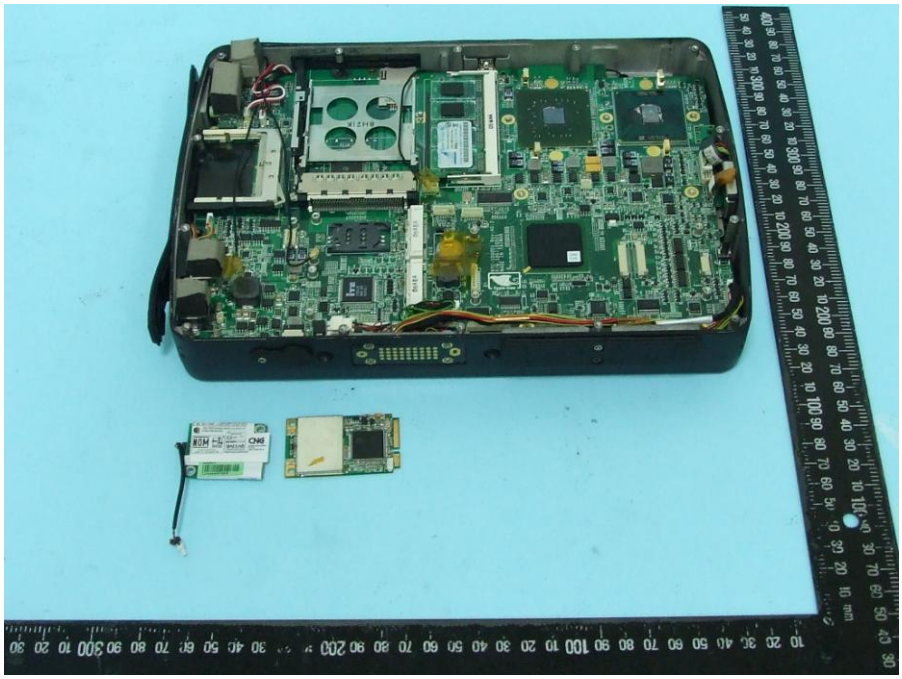


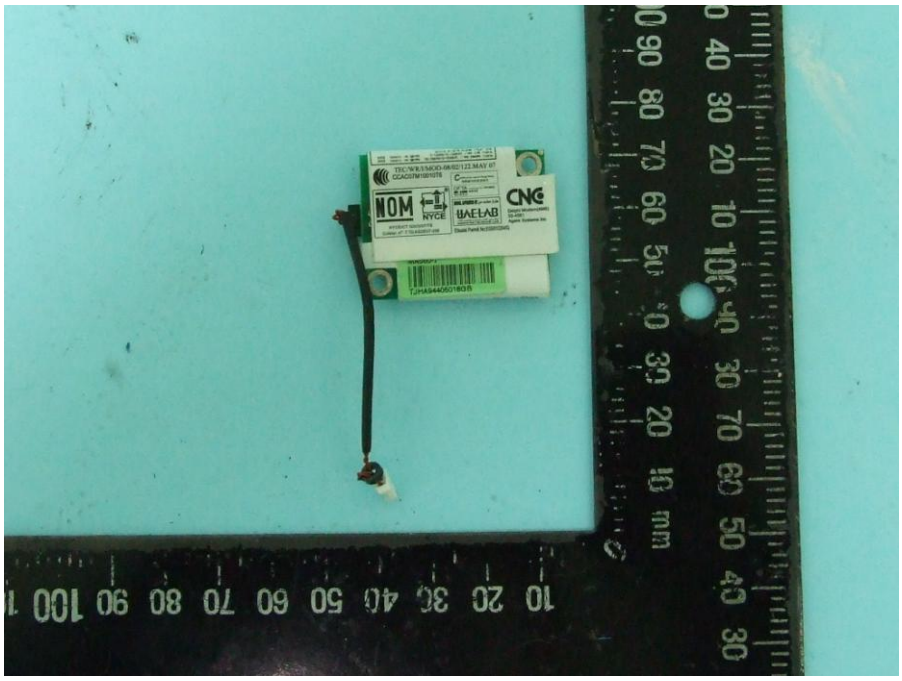


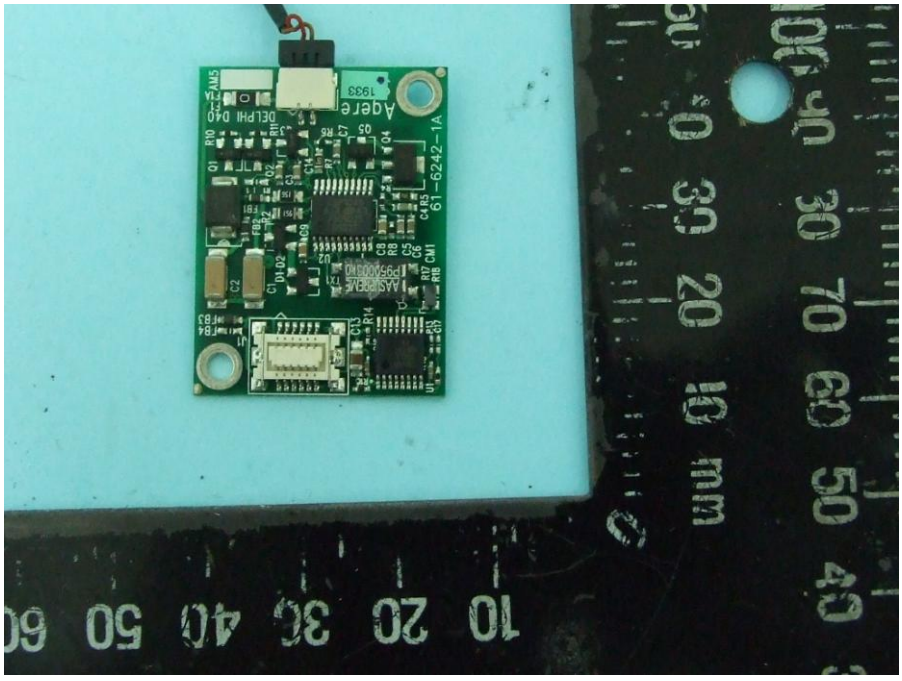


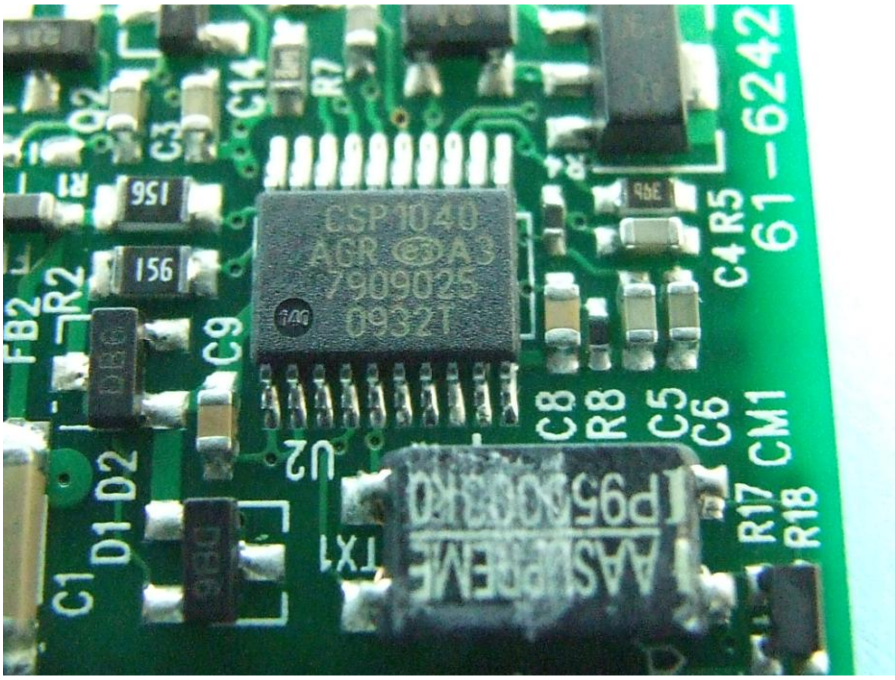








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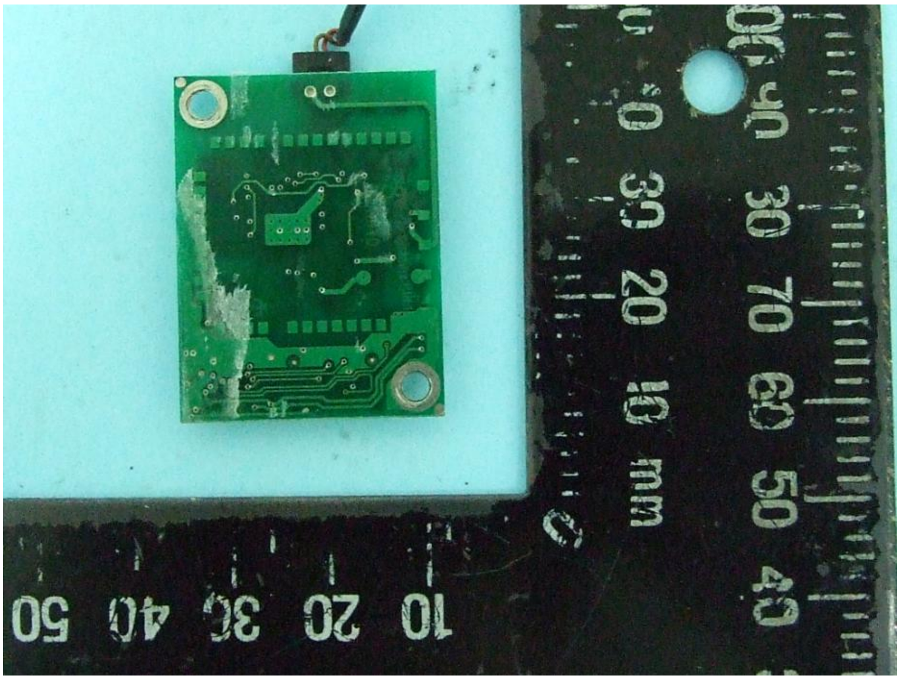

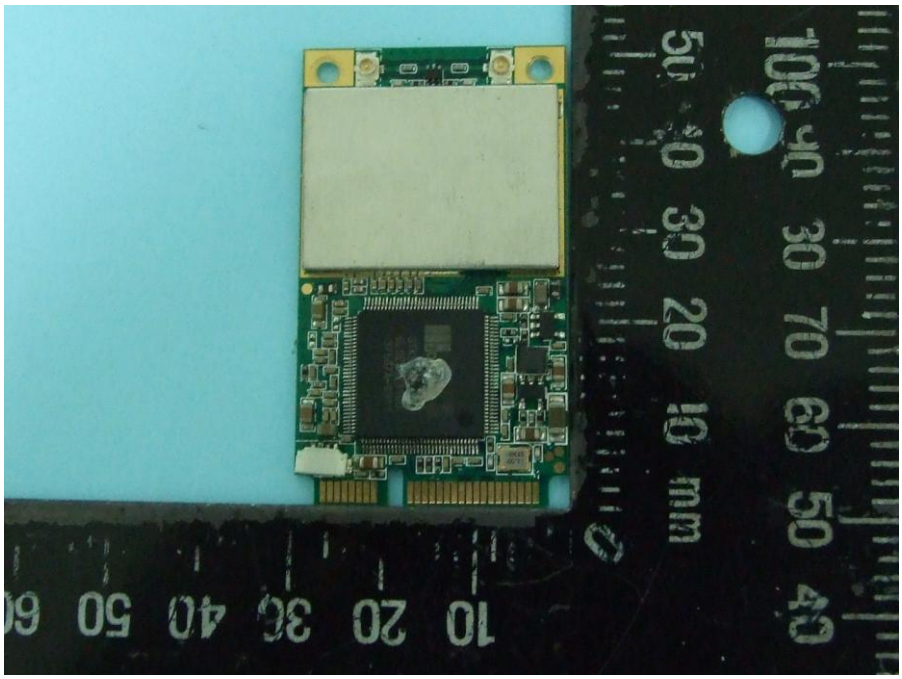

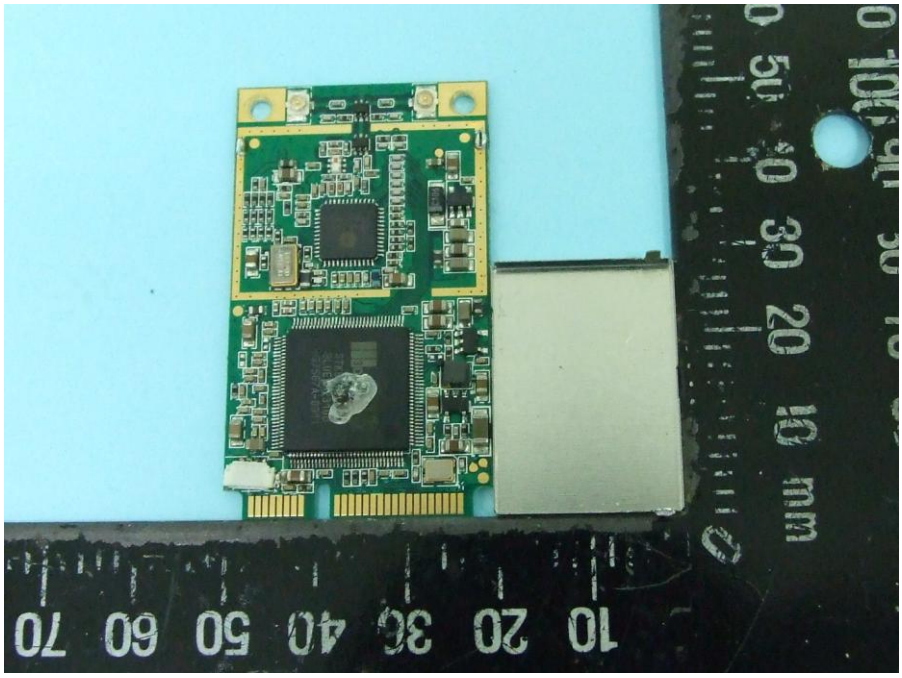

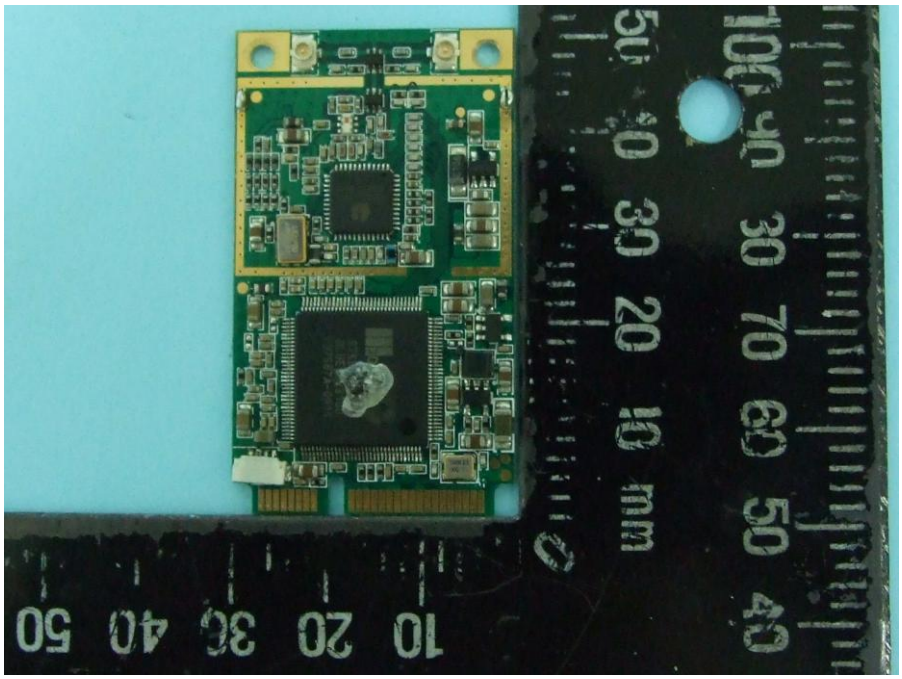

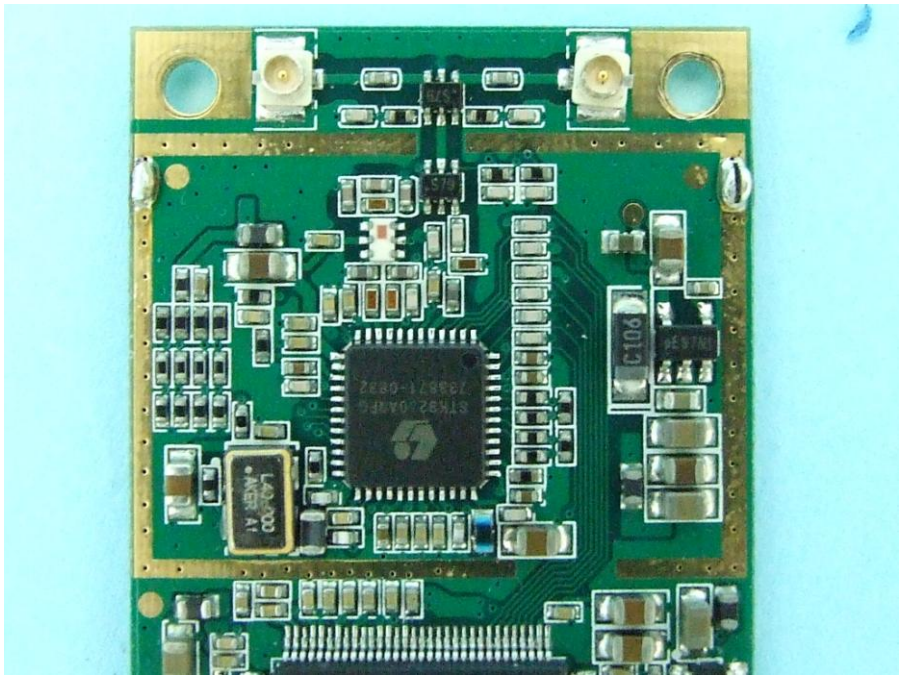

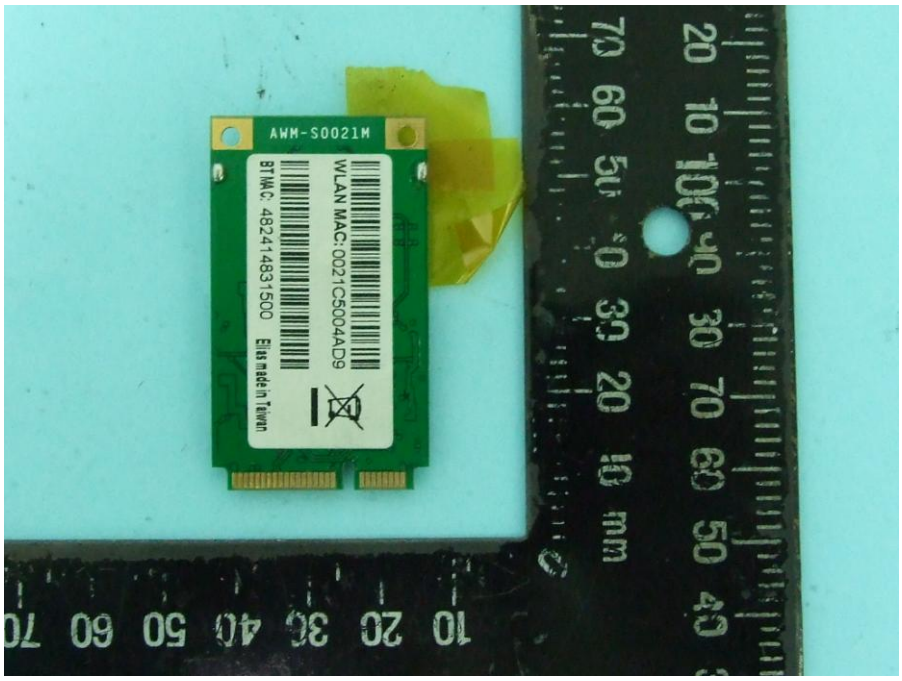
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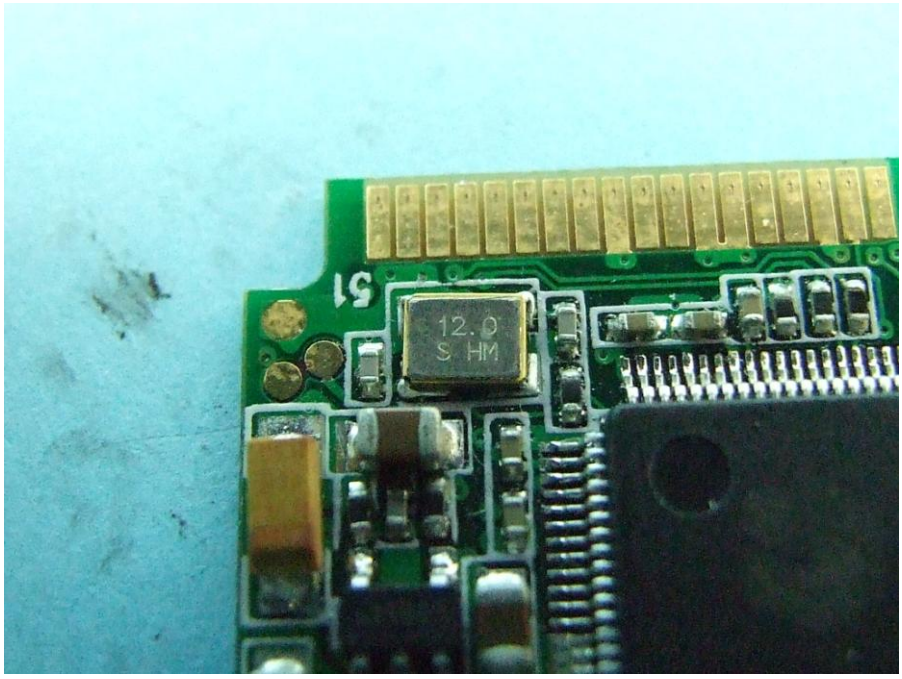
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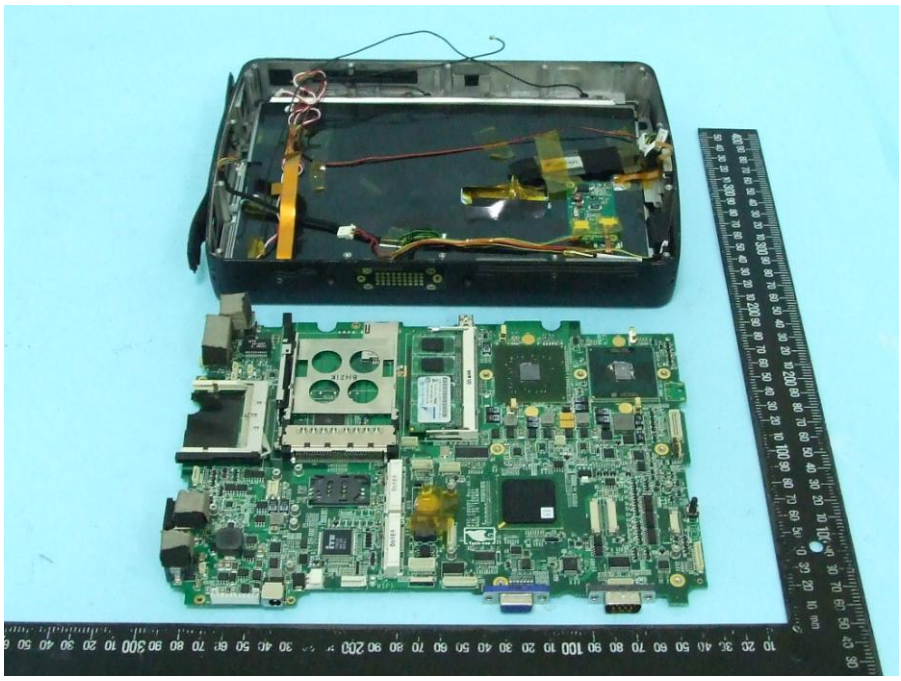

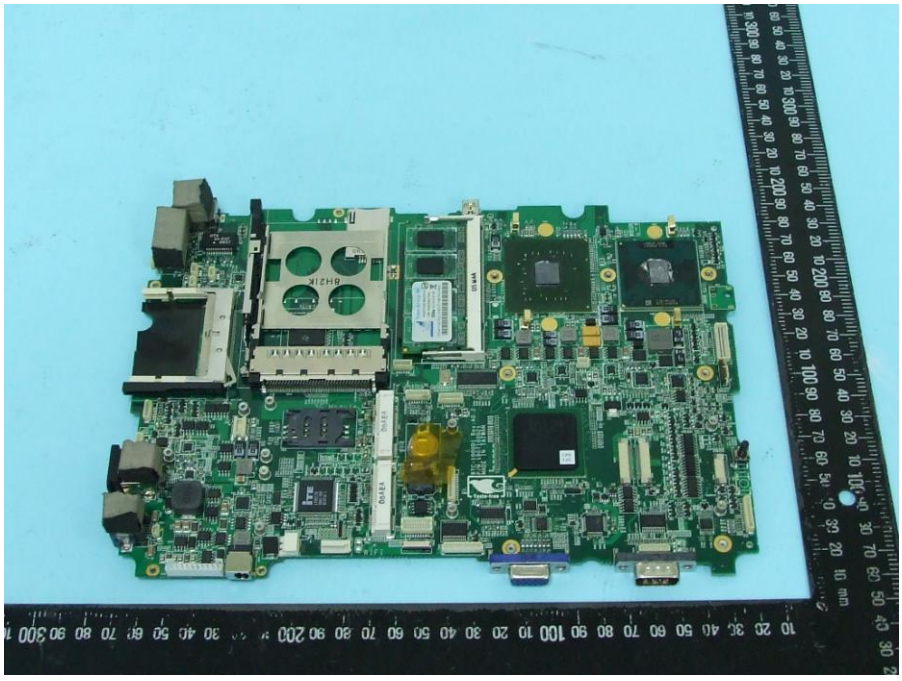

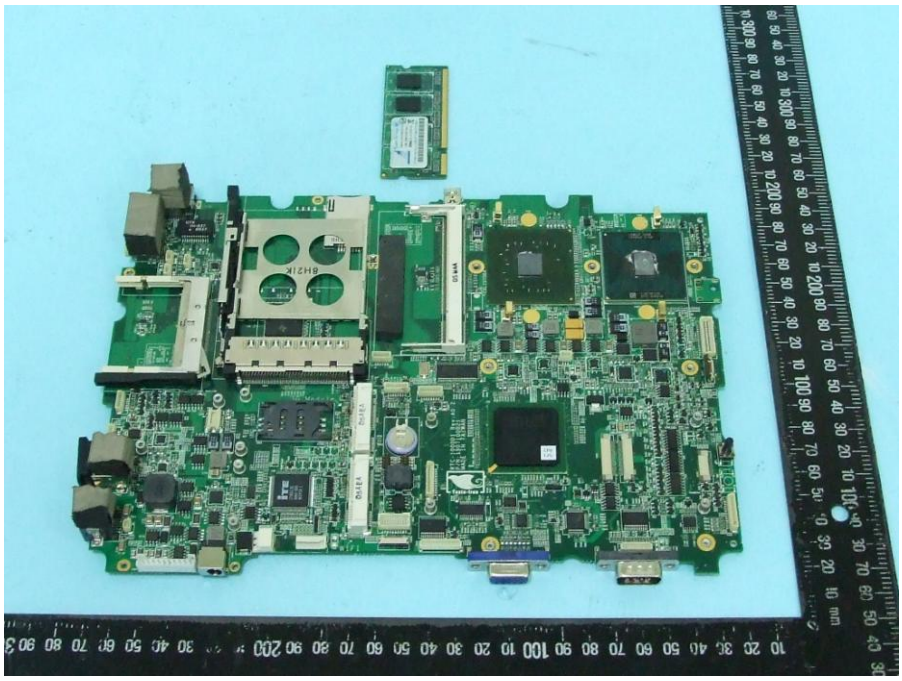


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U4
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Warranty void if removed


U6
U7
U8
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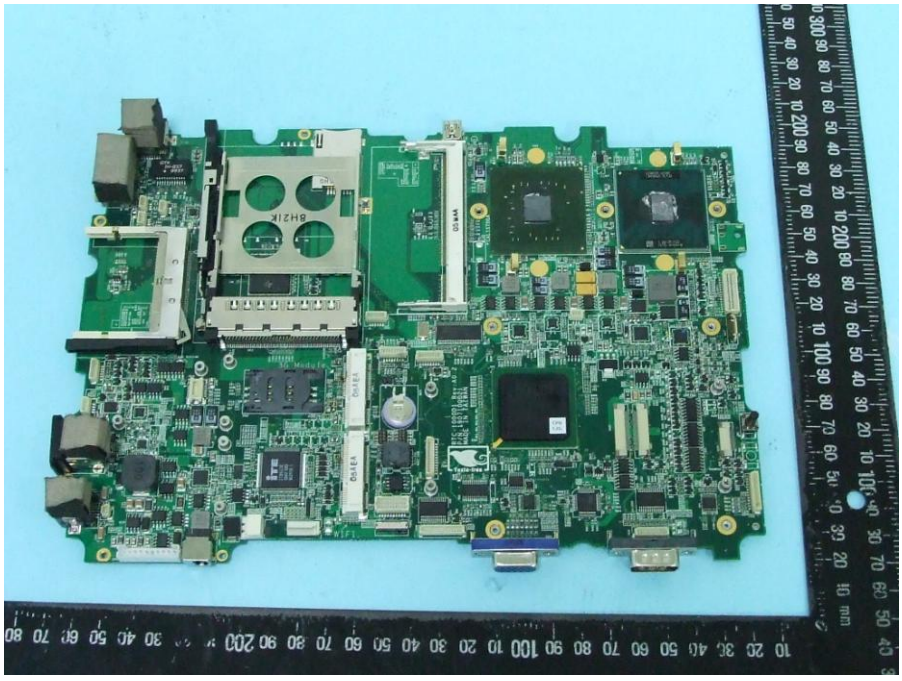


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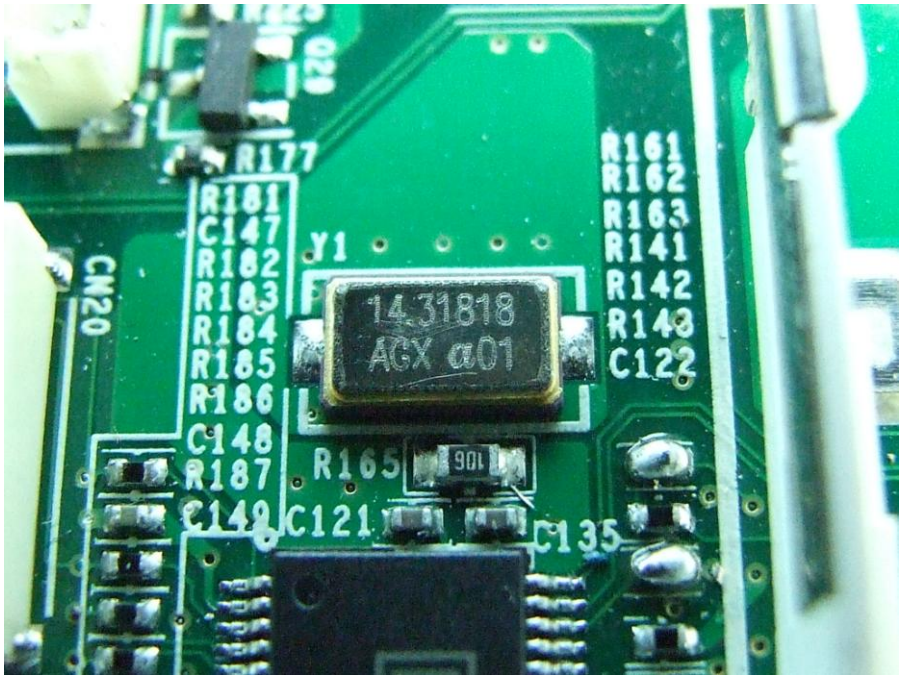
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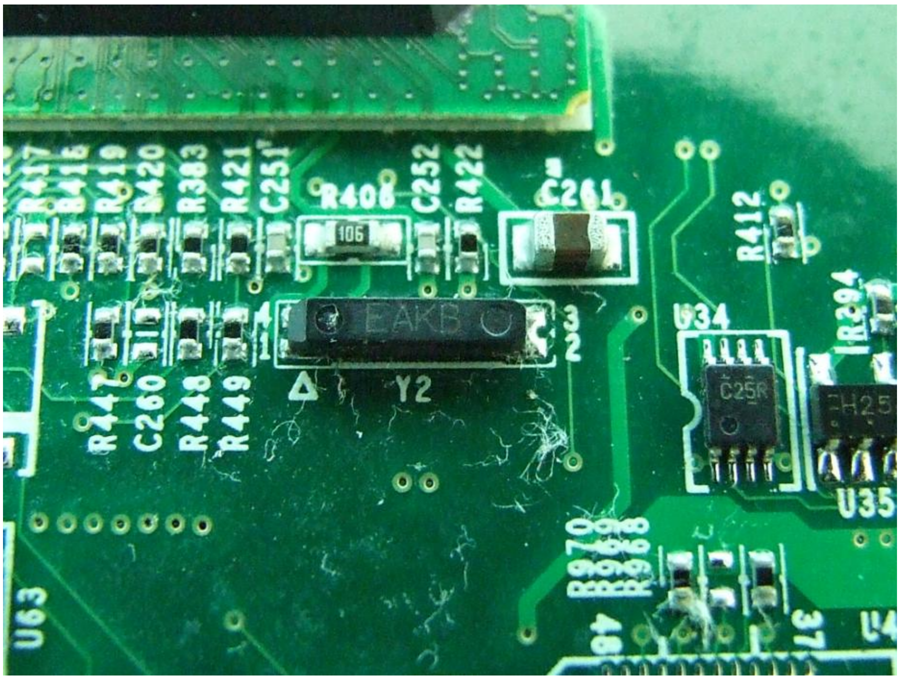
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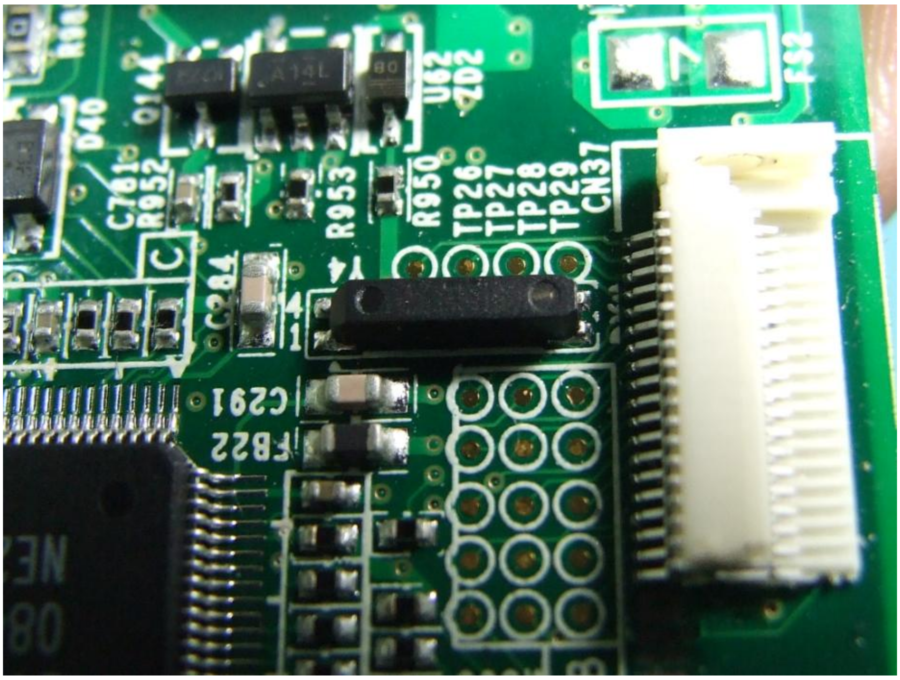
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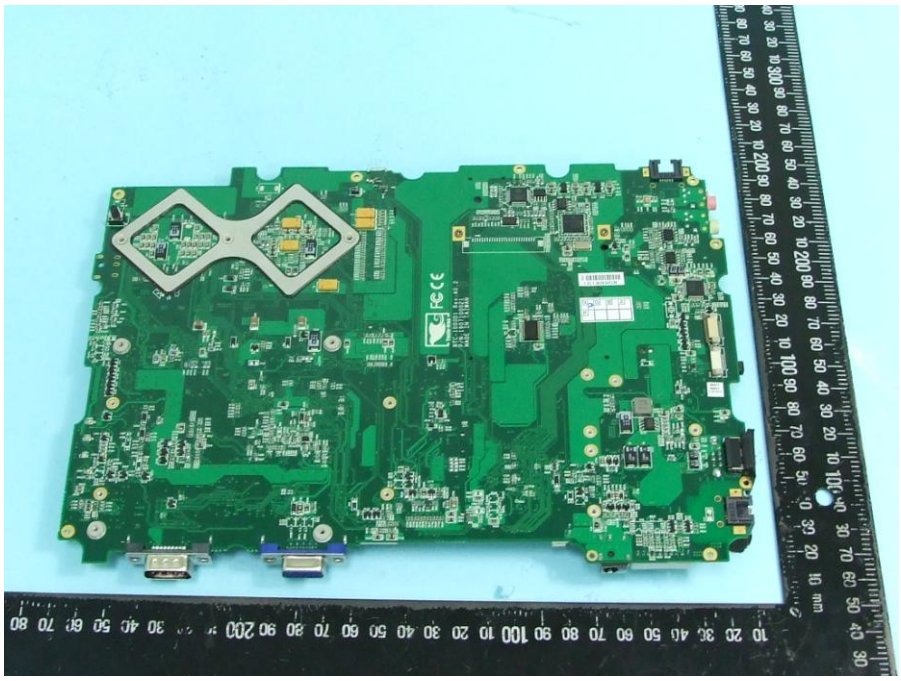

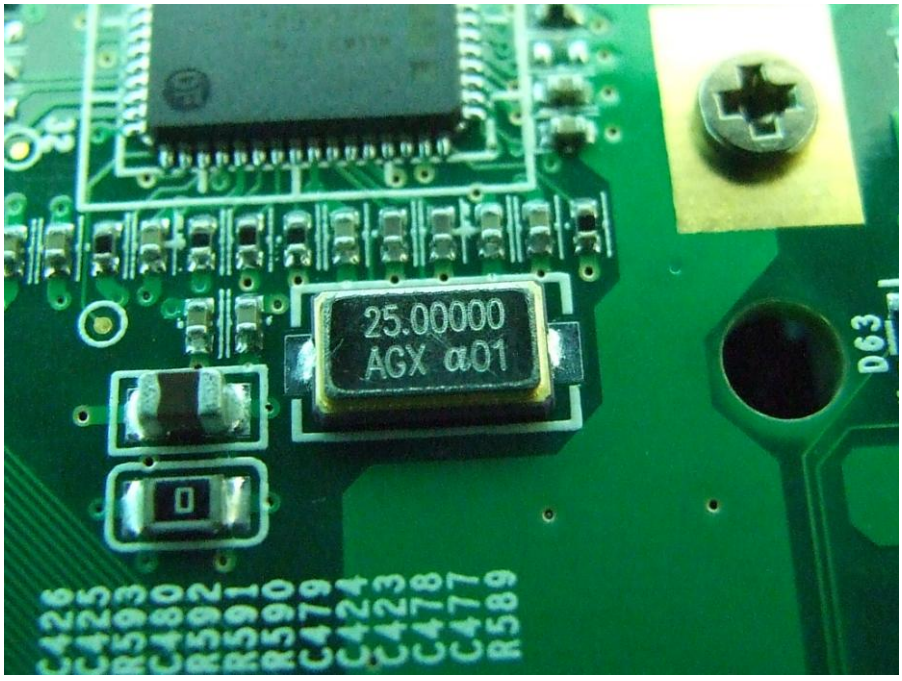
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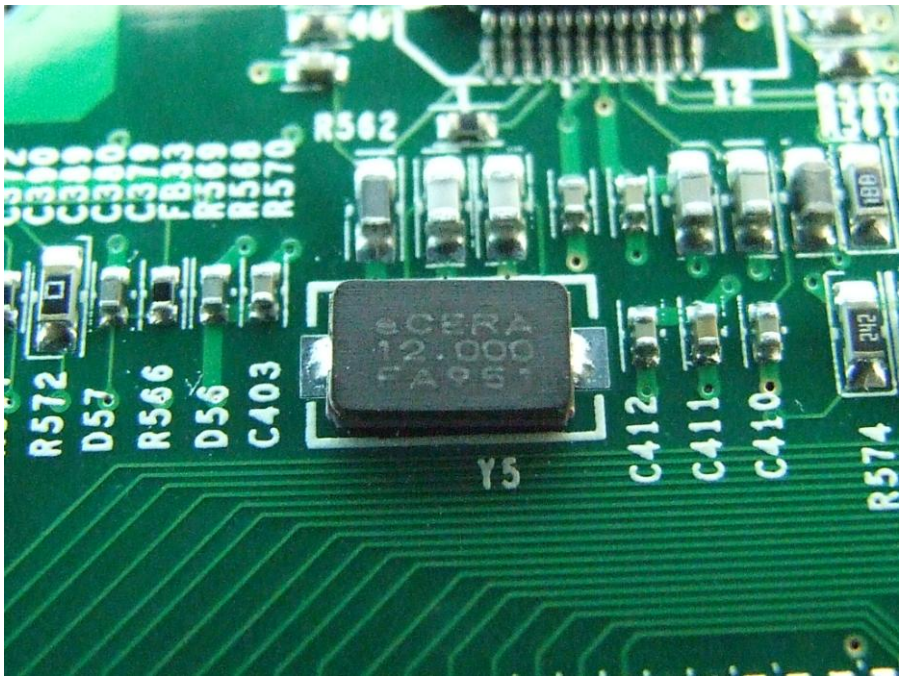
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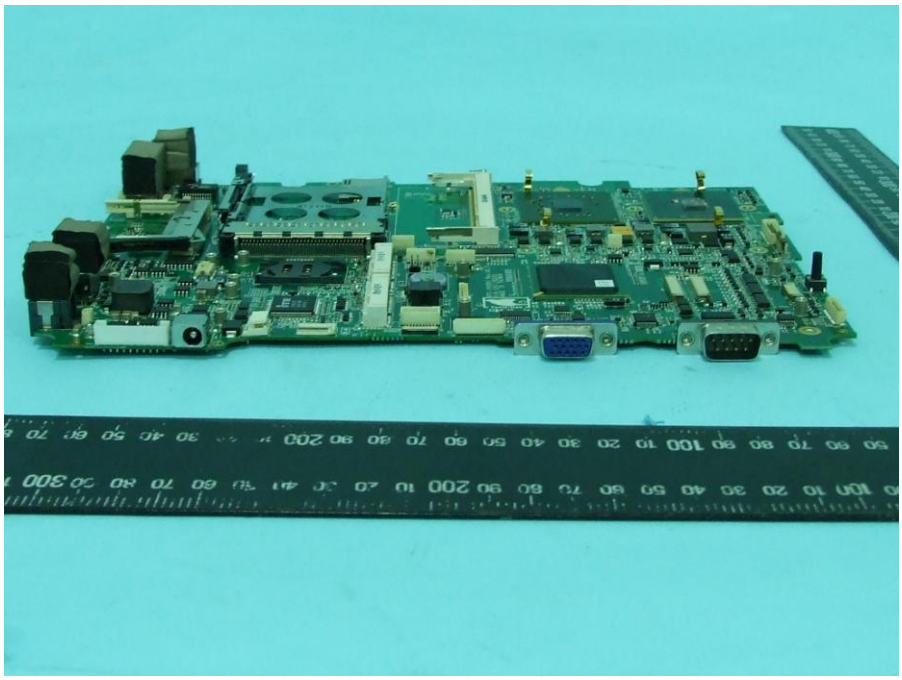

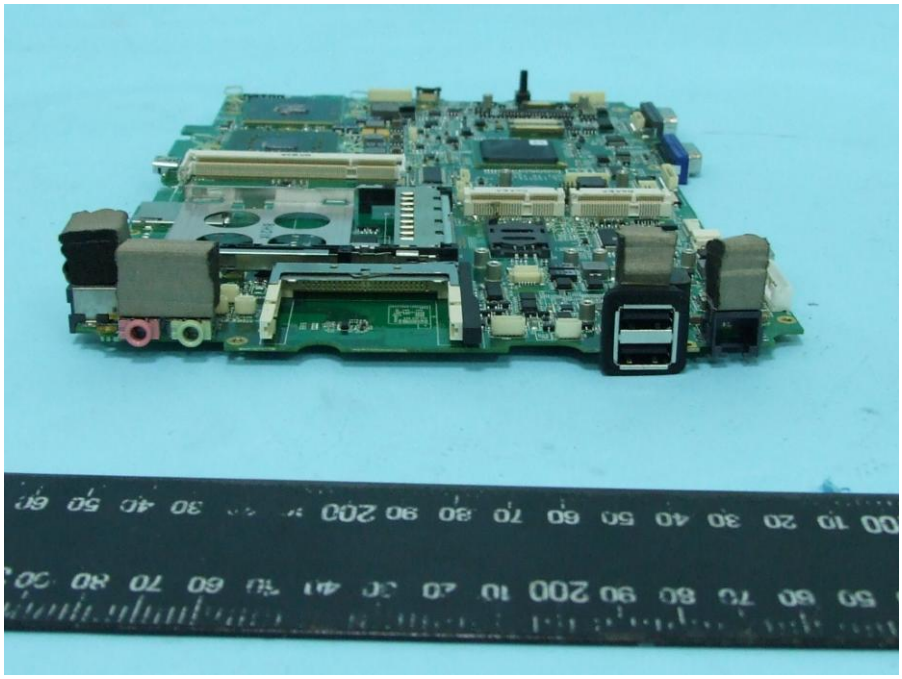

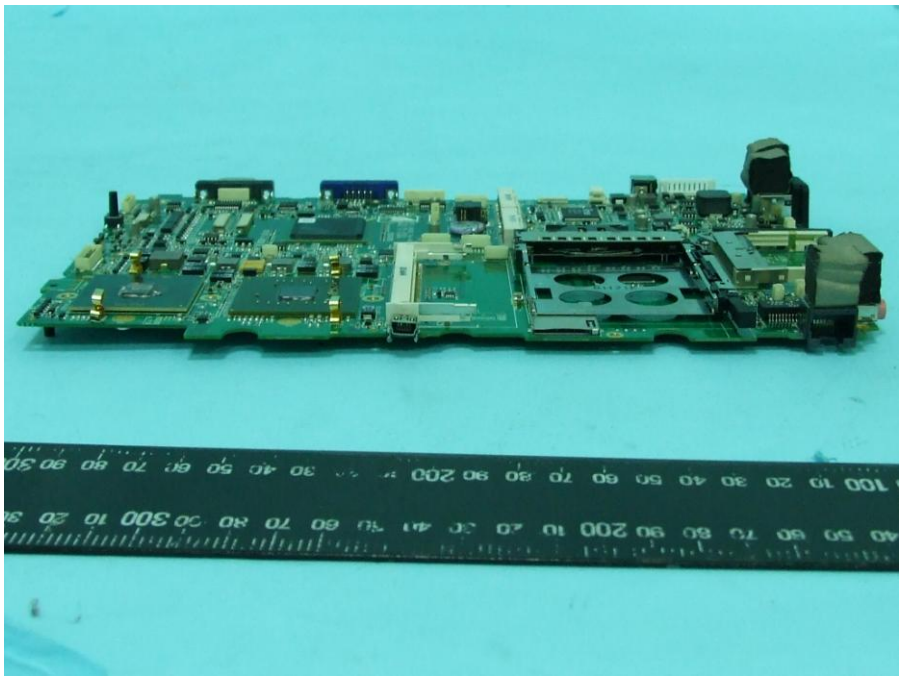

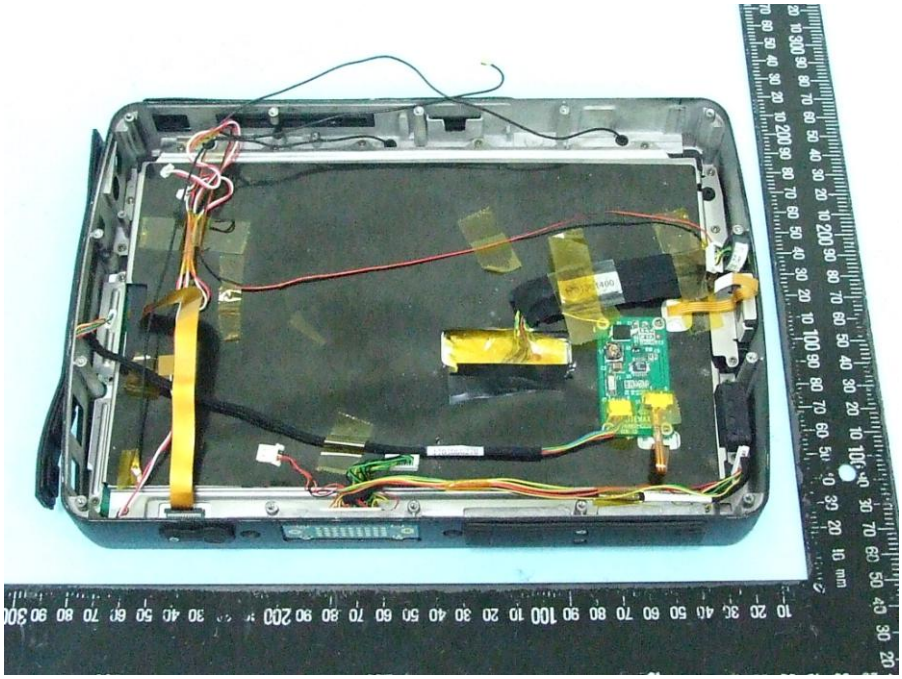

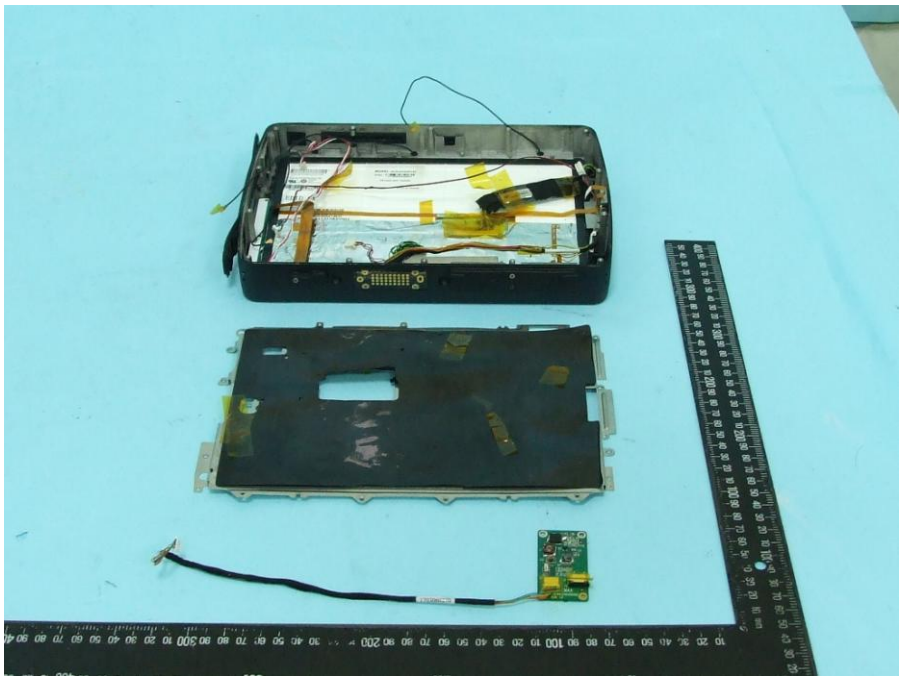

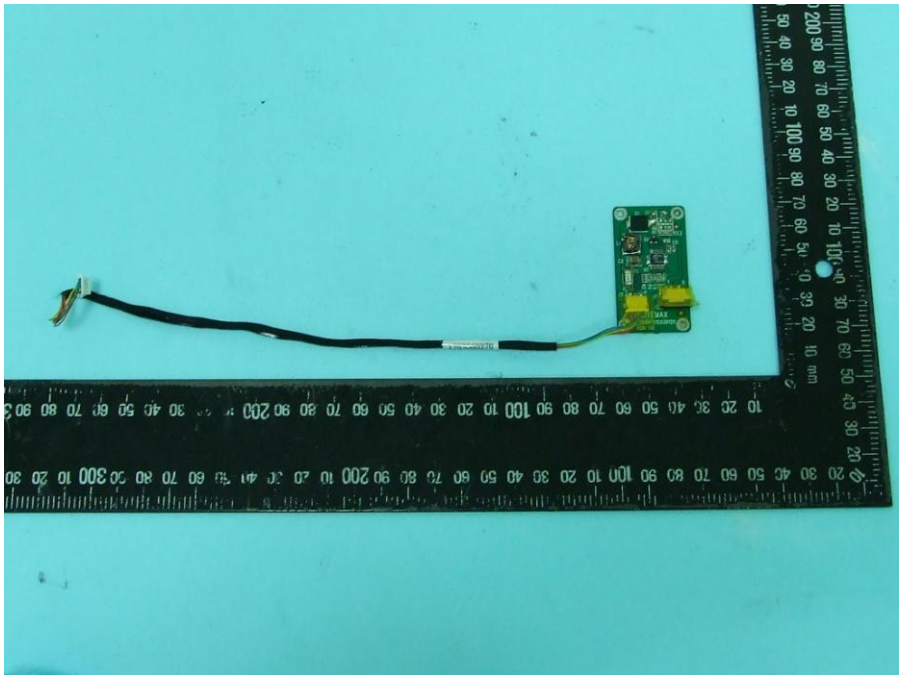

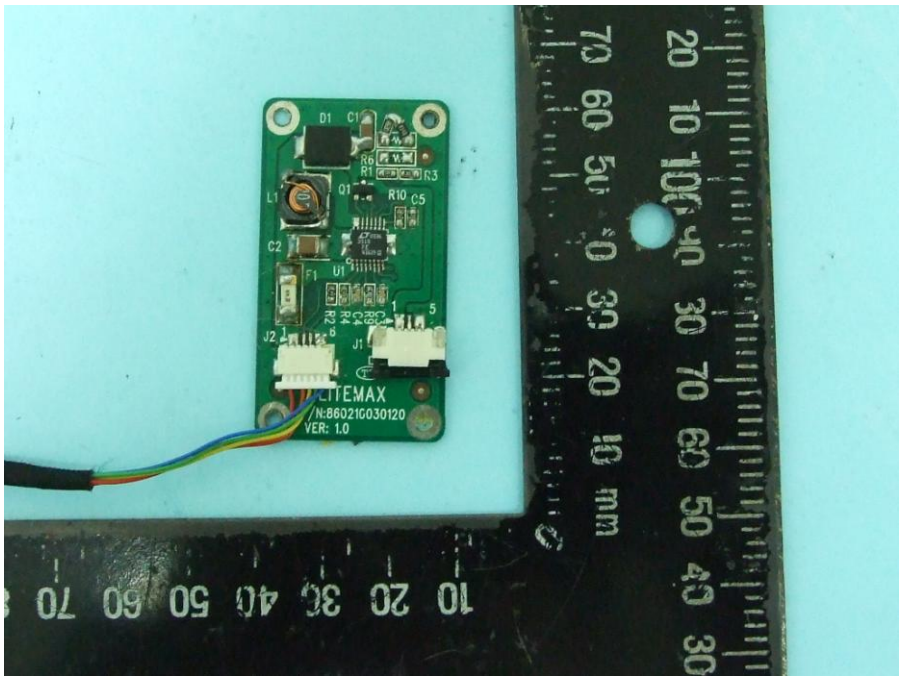
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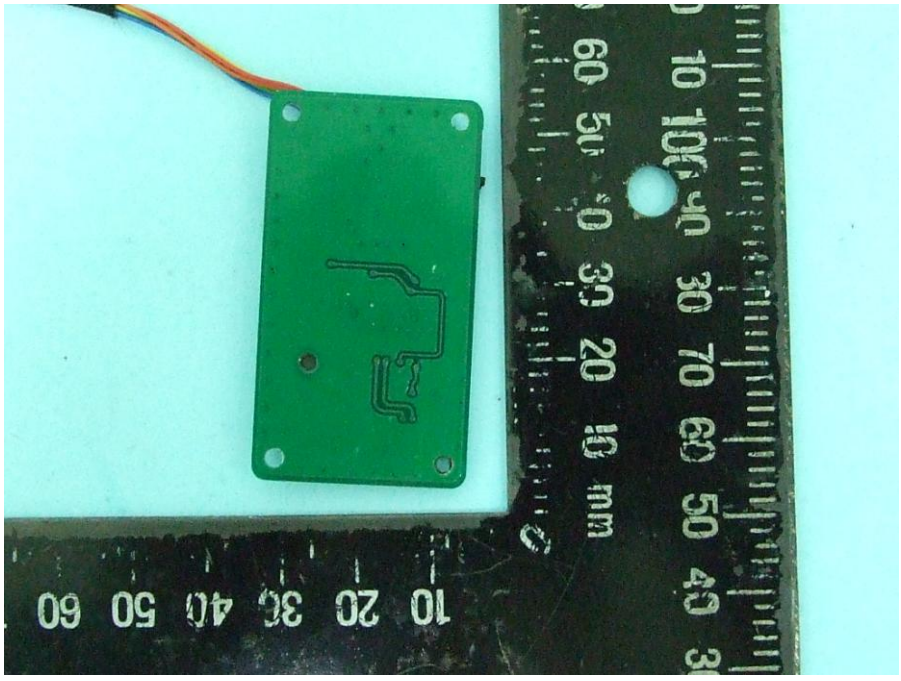

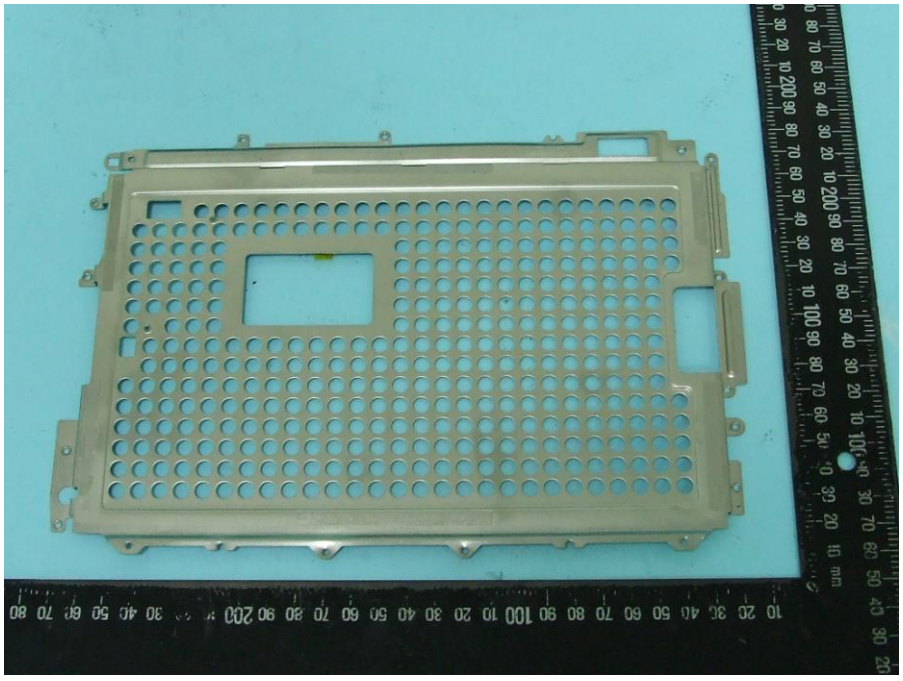

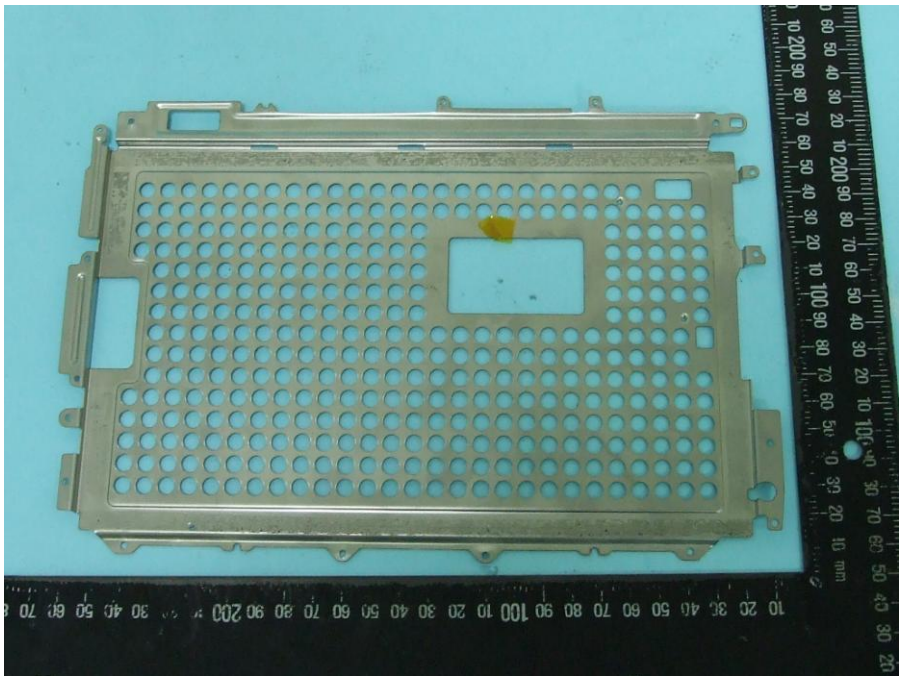

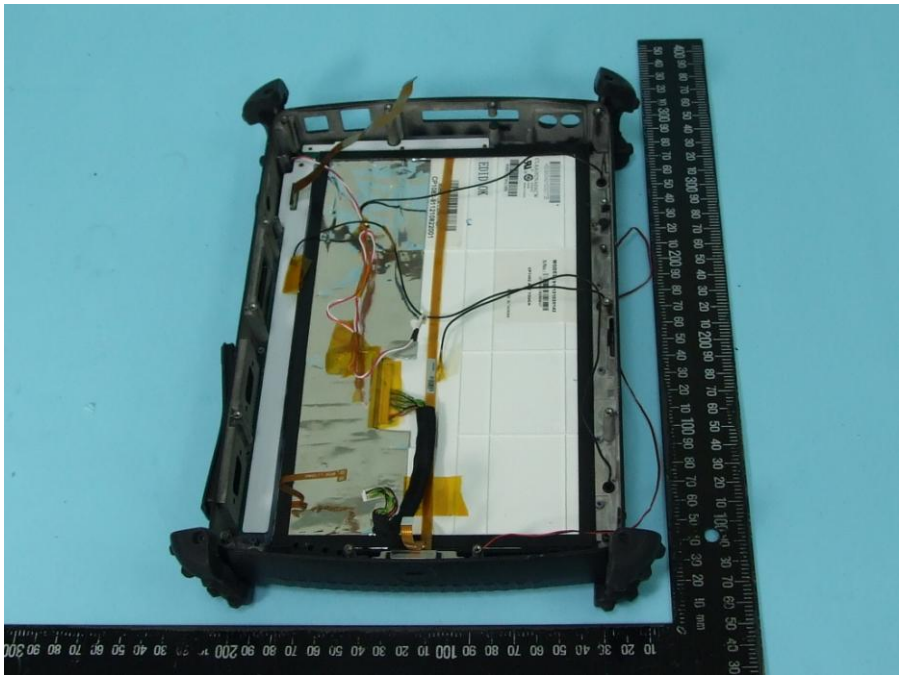

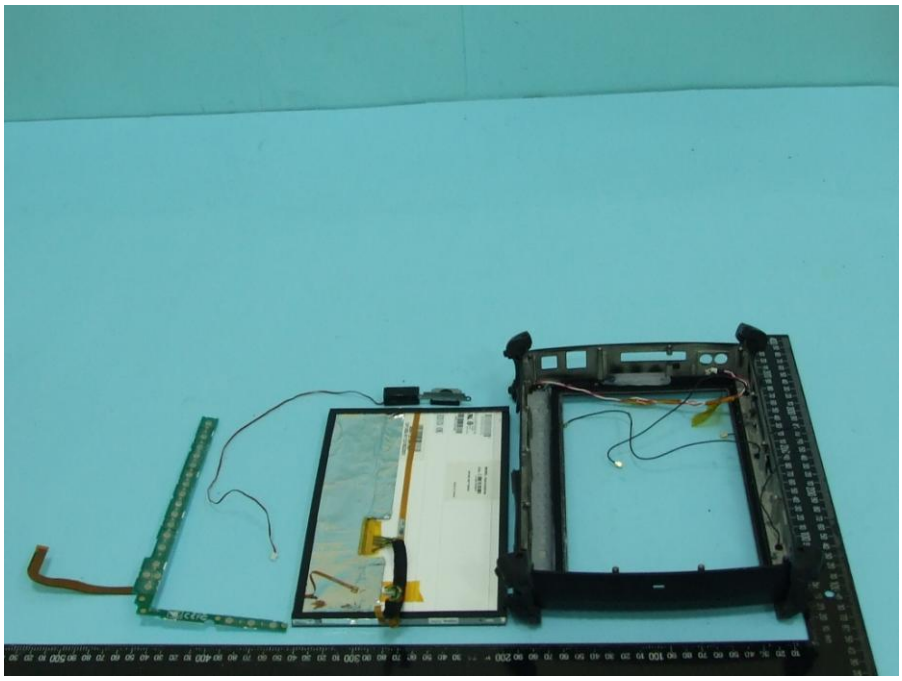

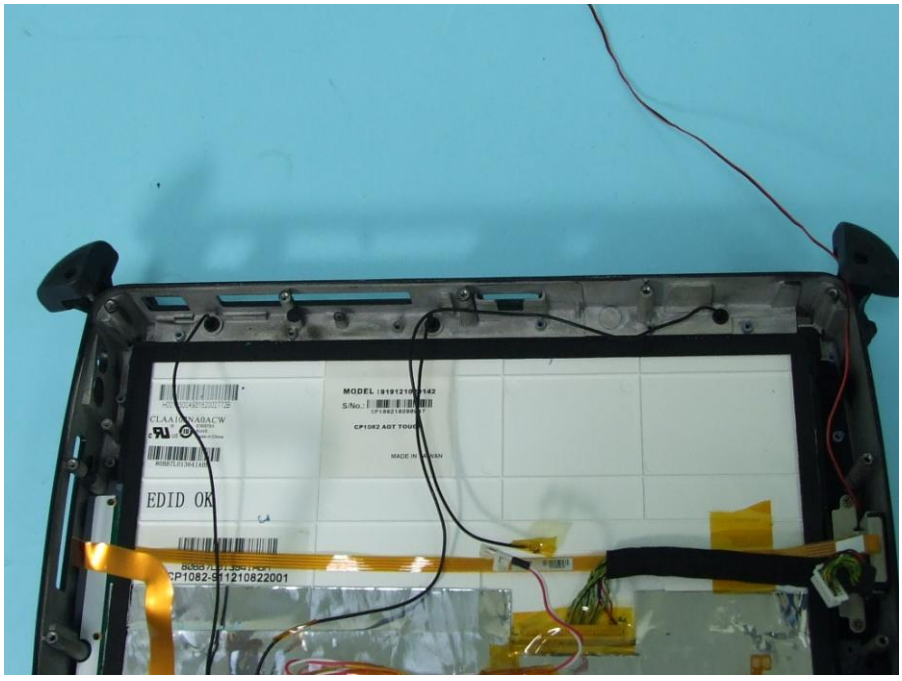
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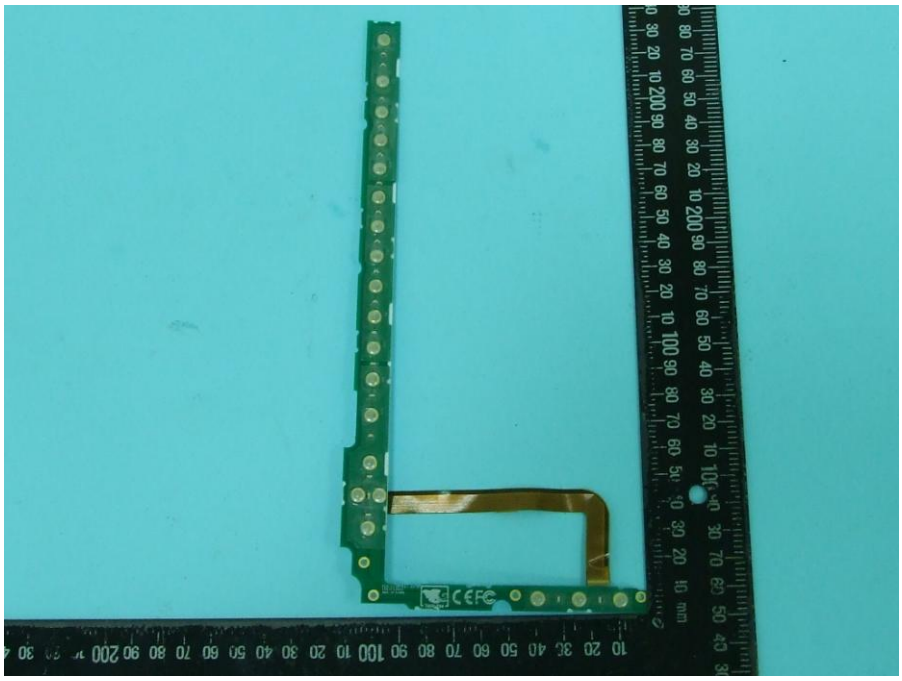

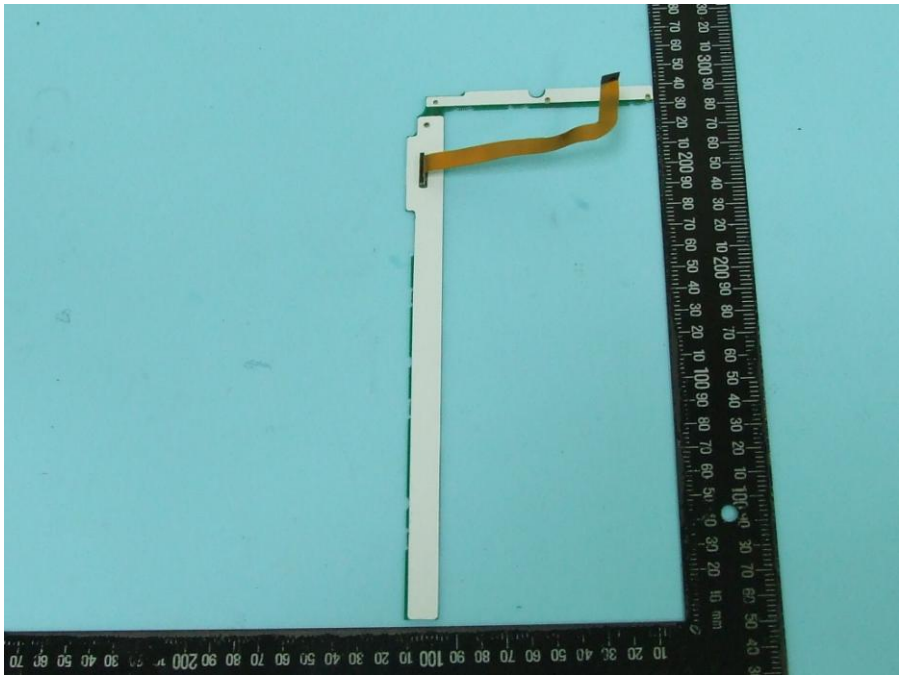


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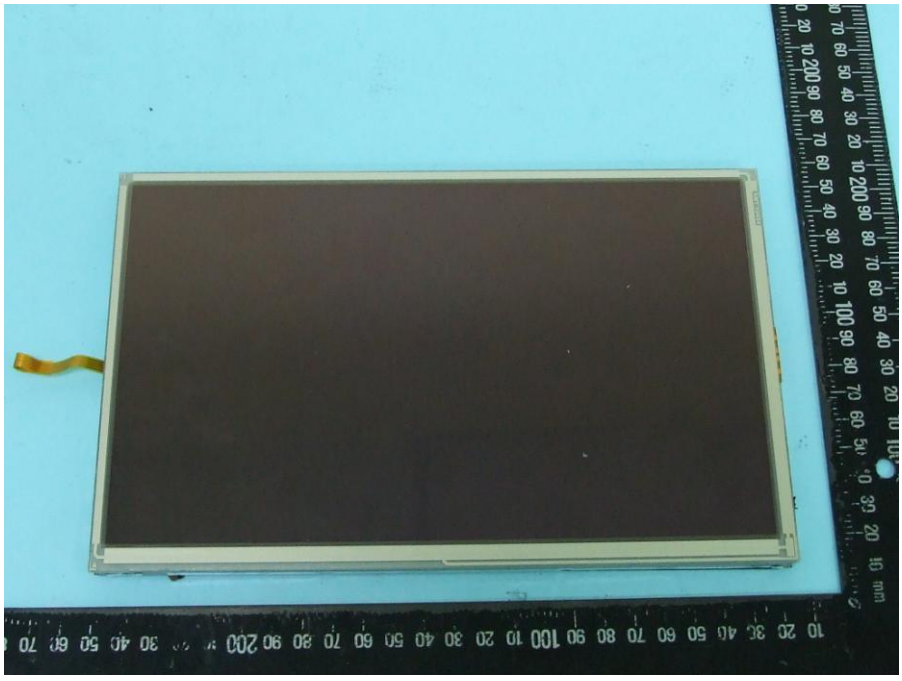

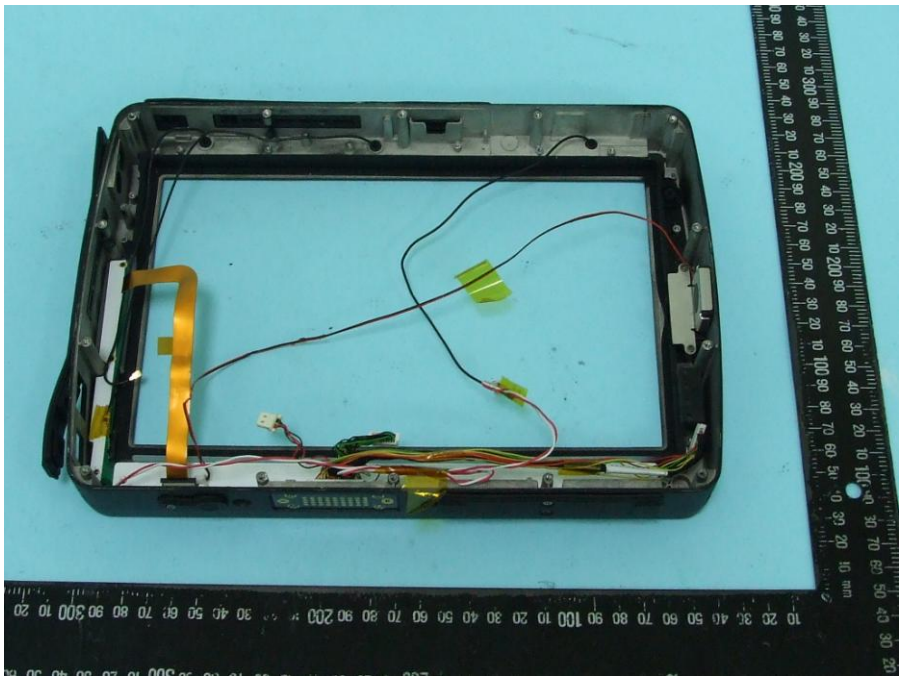

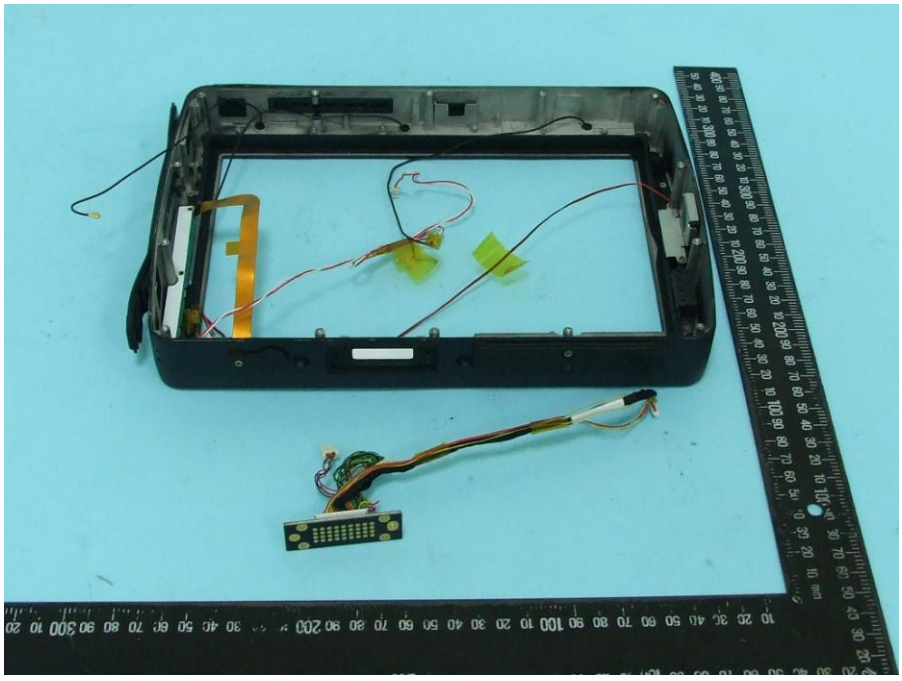

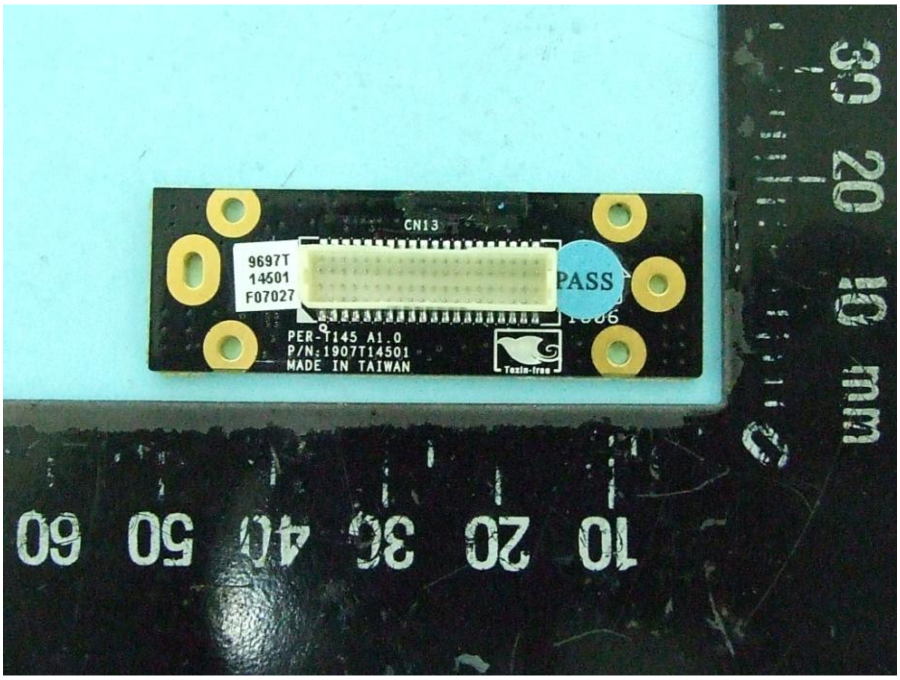
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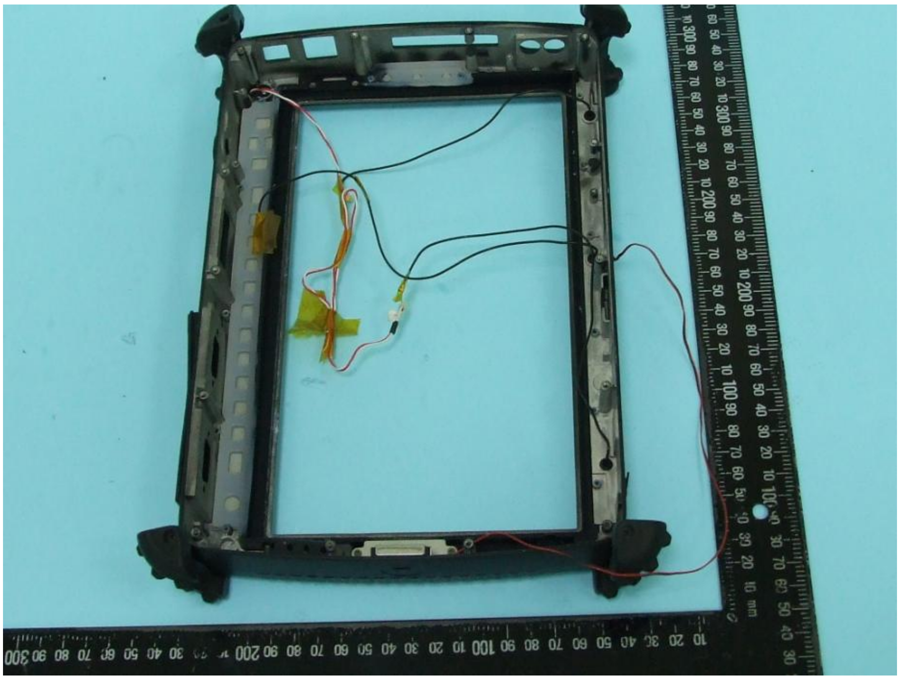

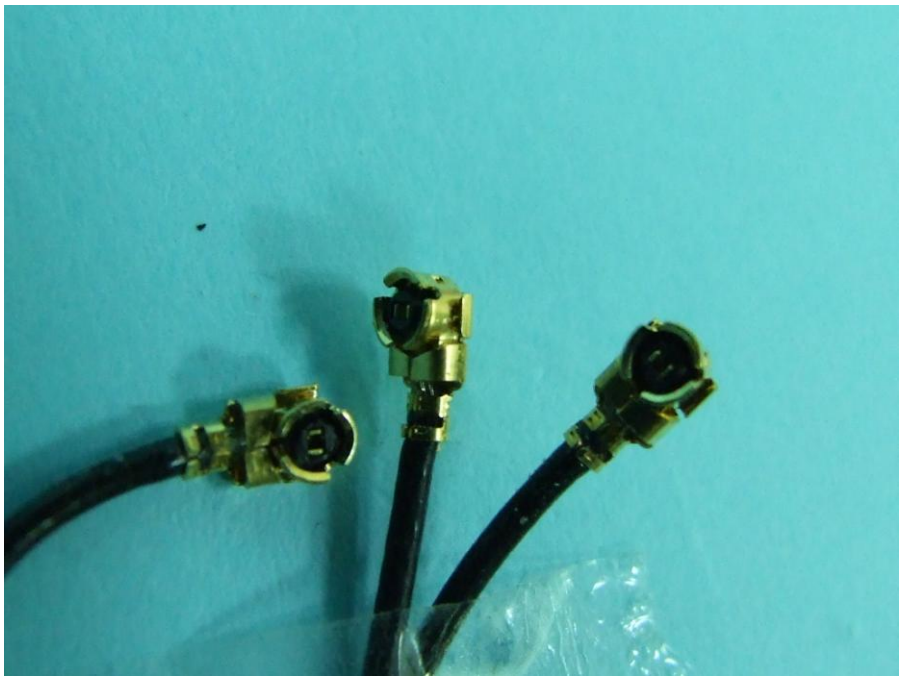

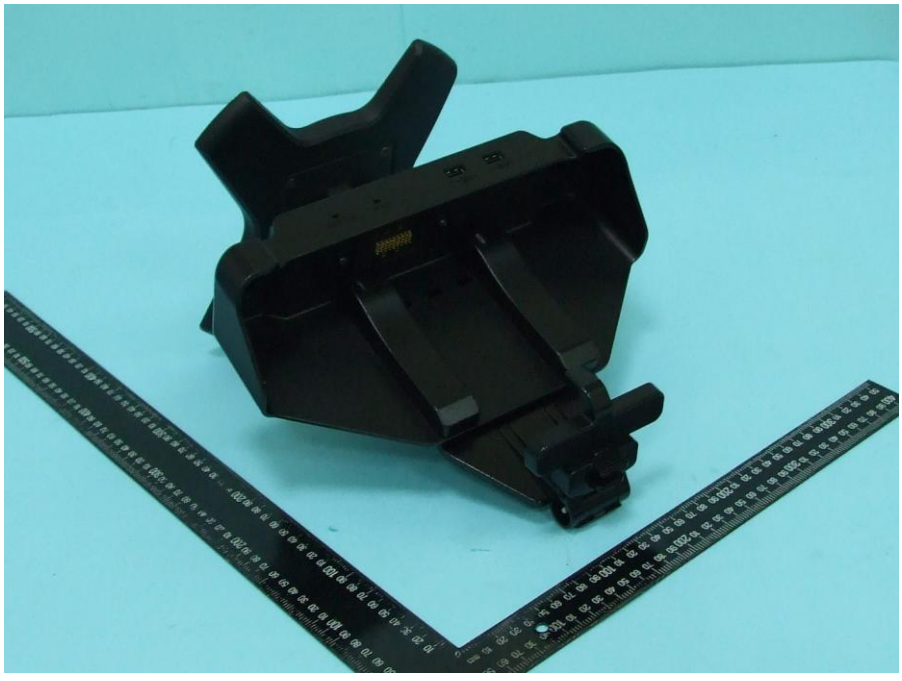

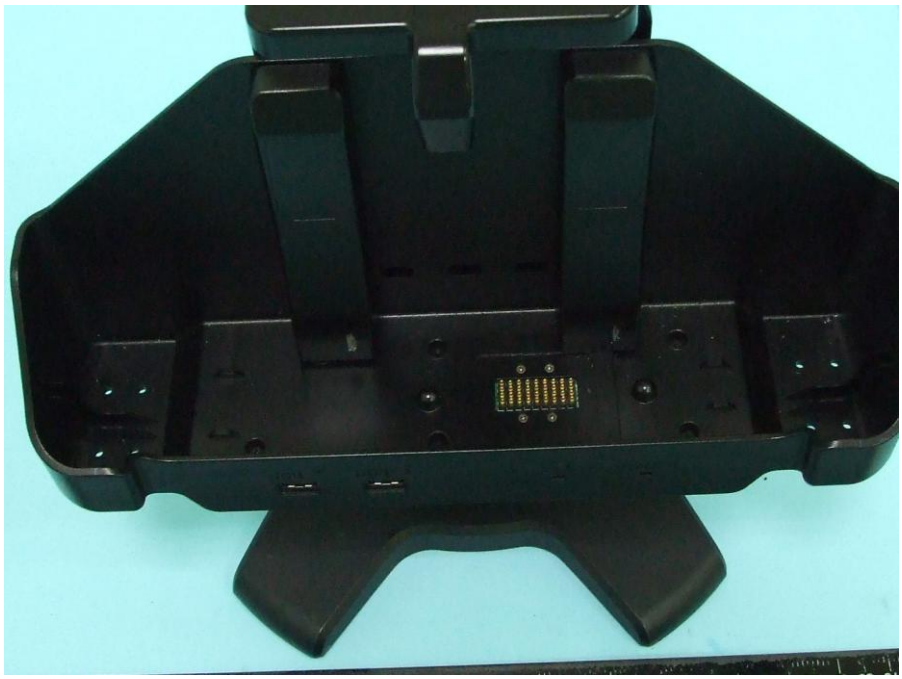

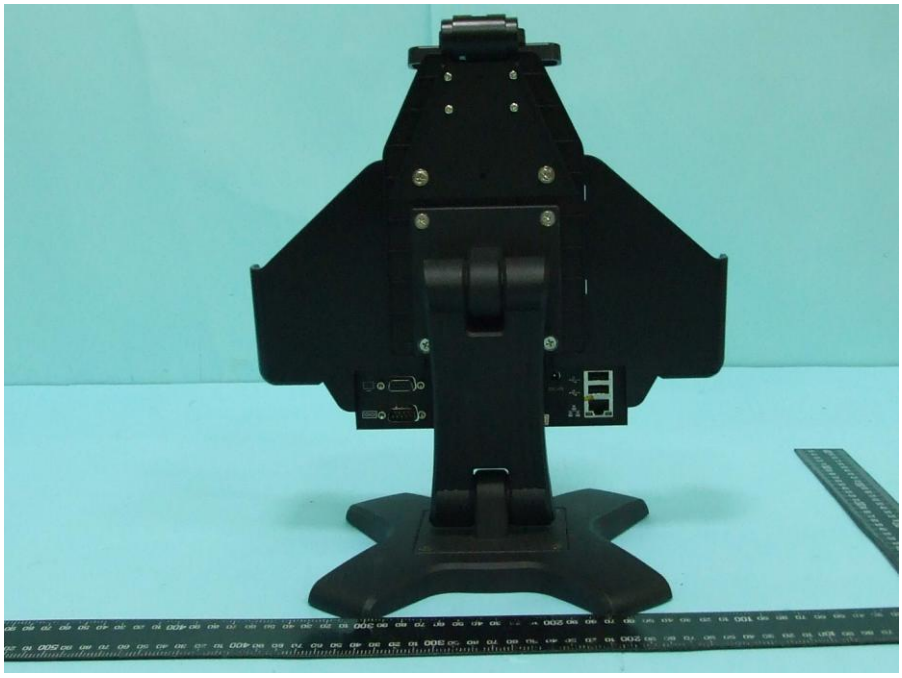


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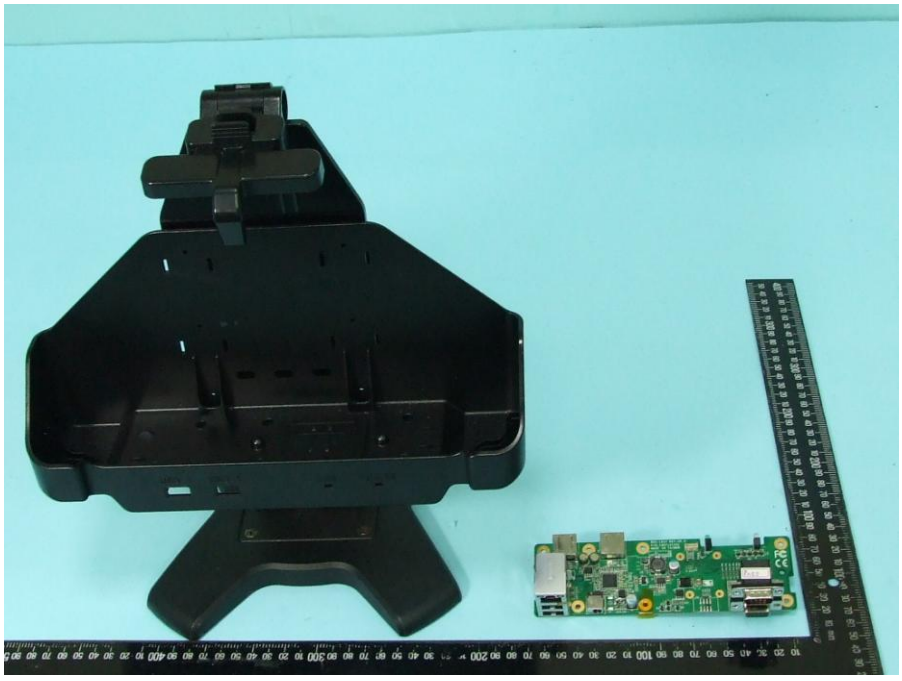

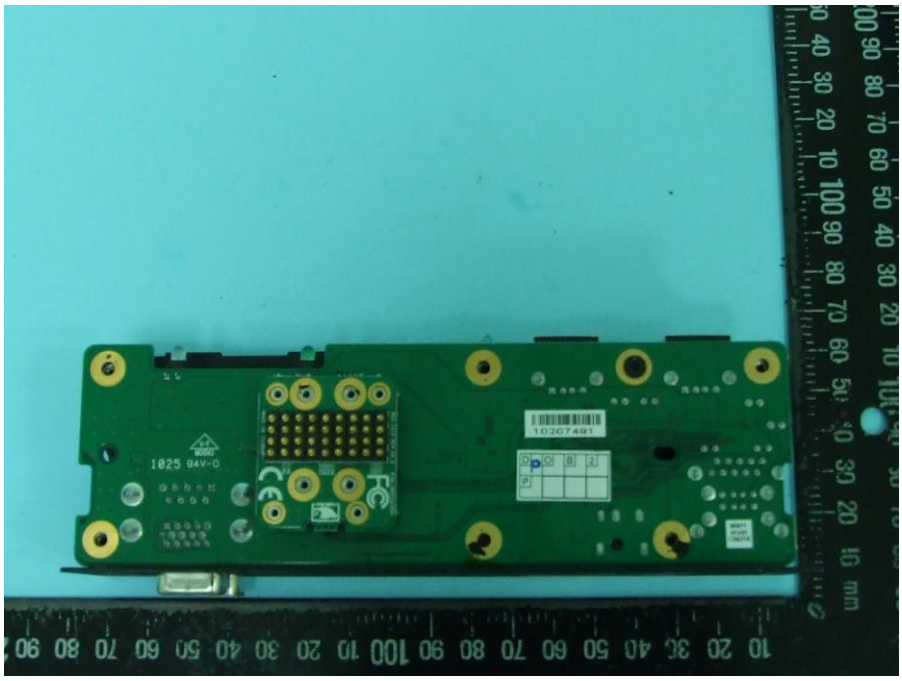

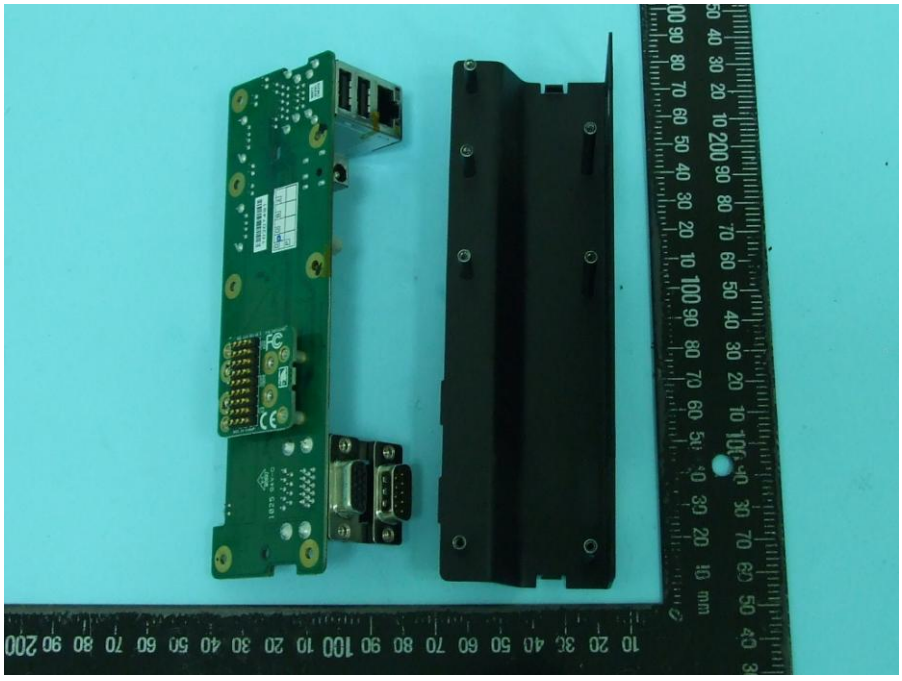

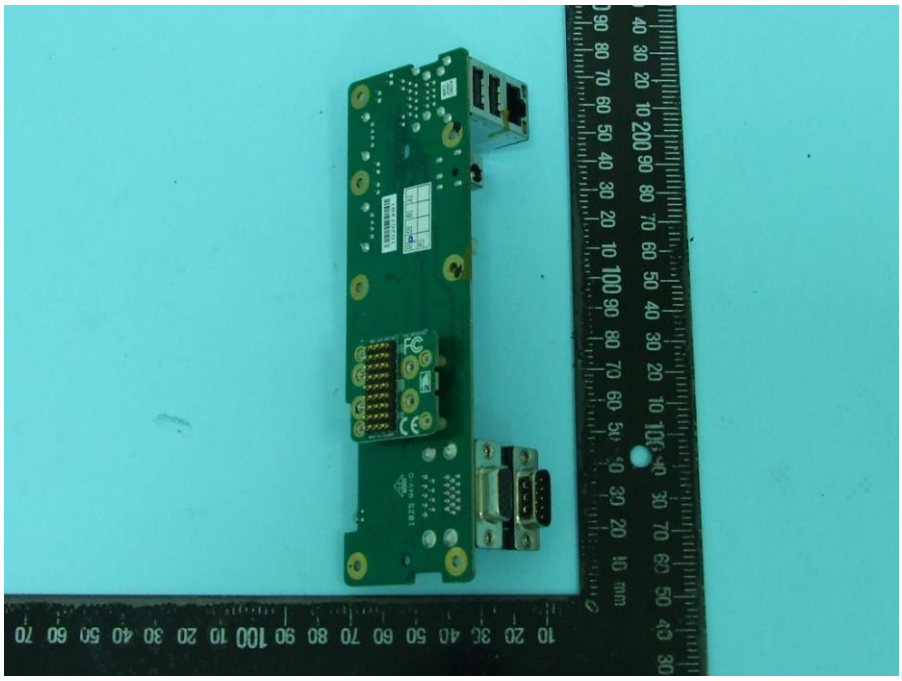

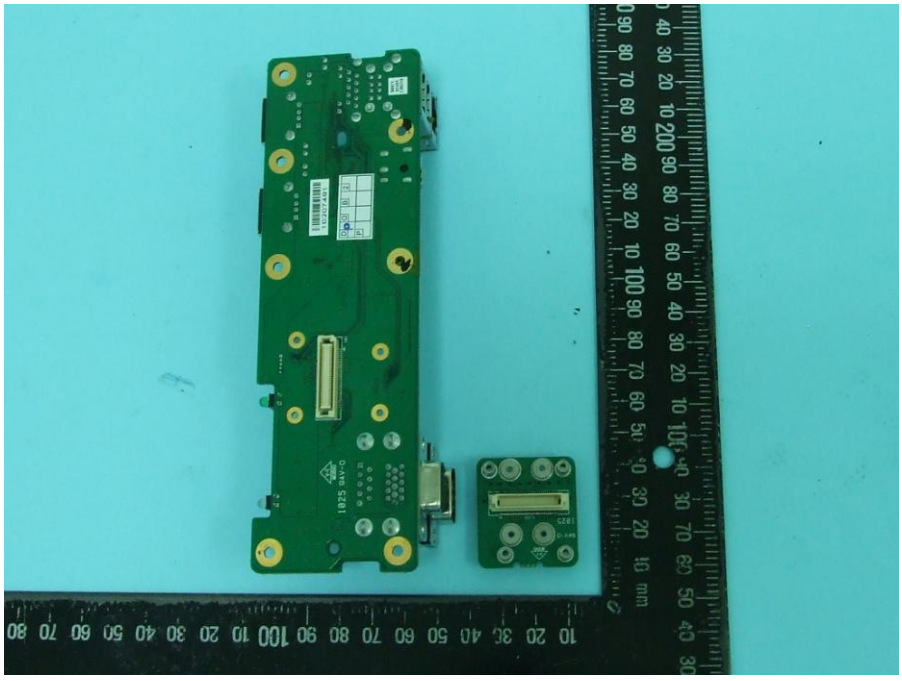

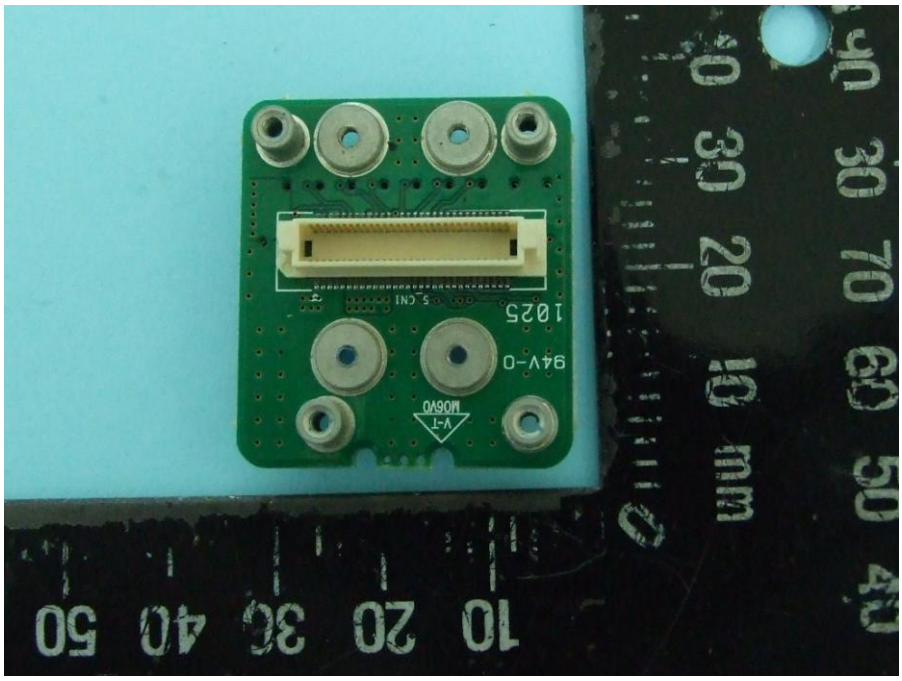
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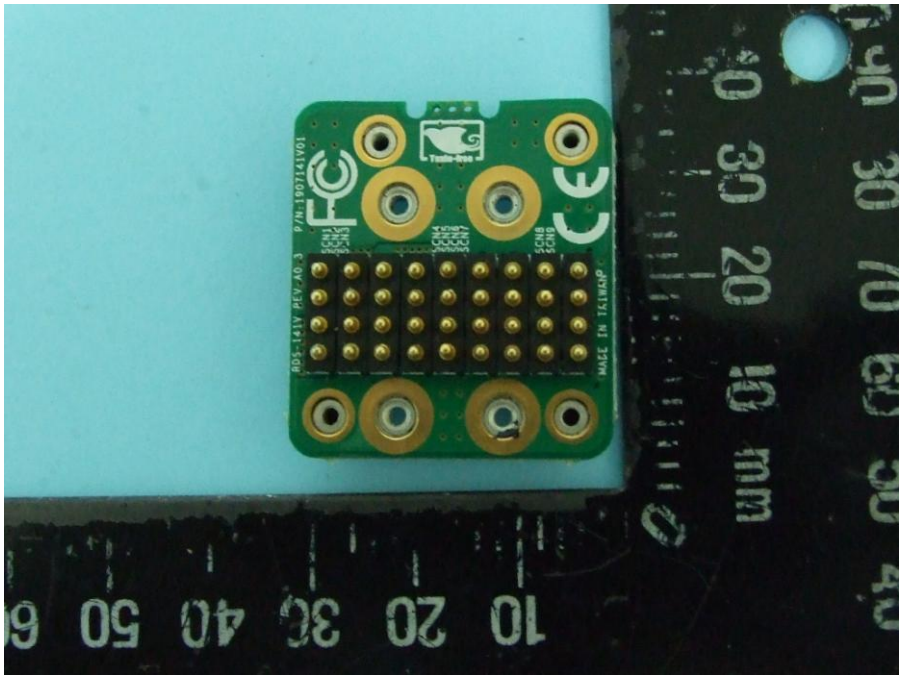
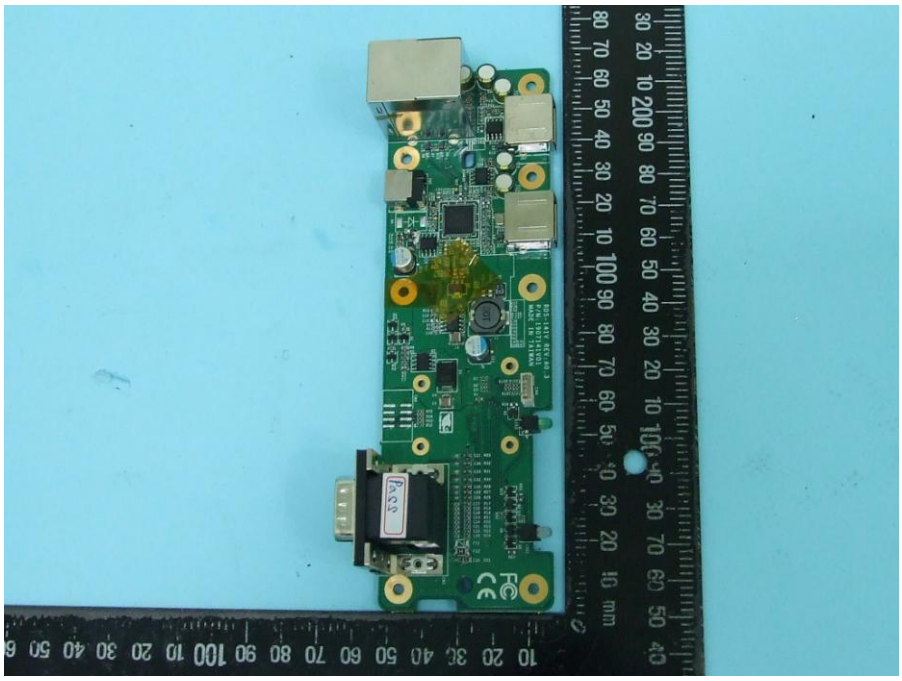
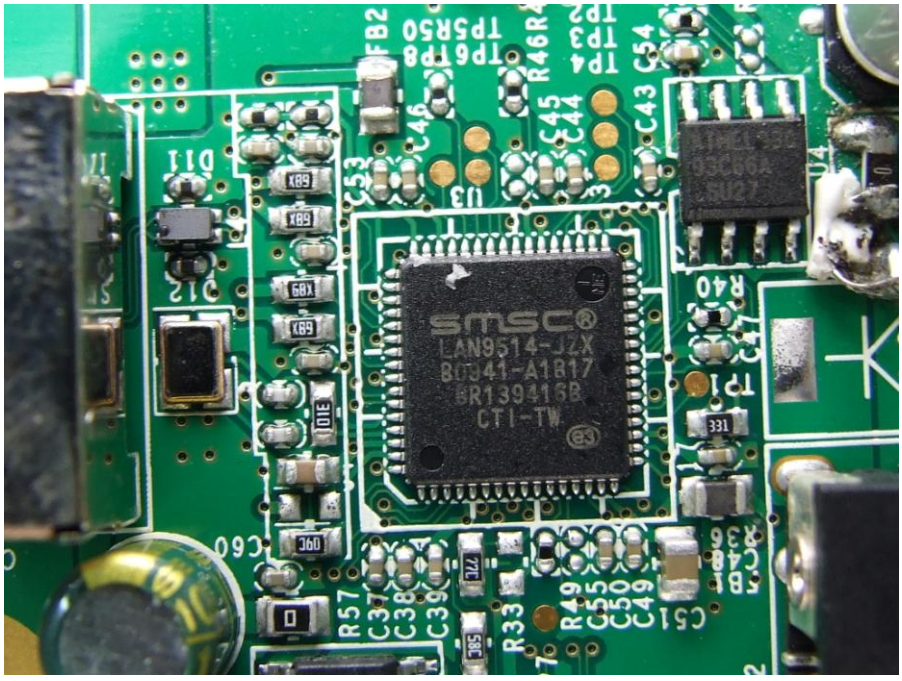
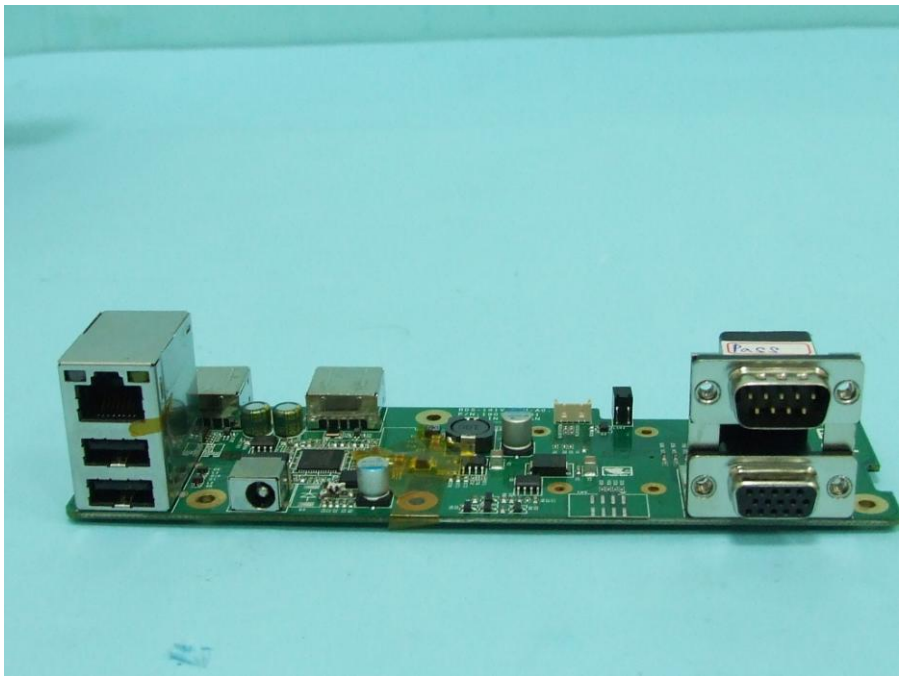
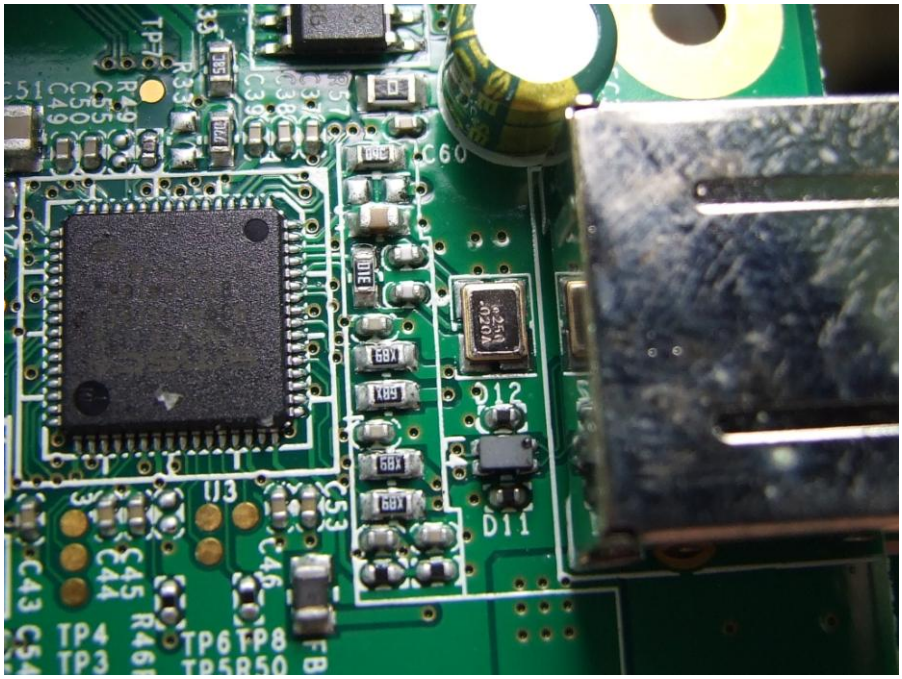

MADE IN TAIWAN




smsc
LAN9514-JZX
CT1-TW

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U3
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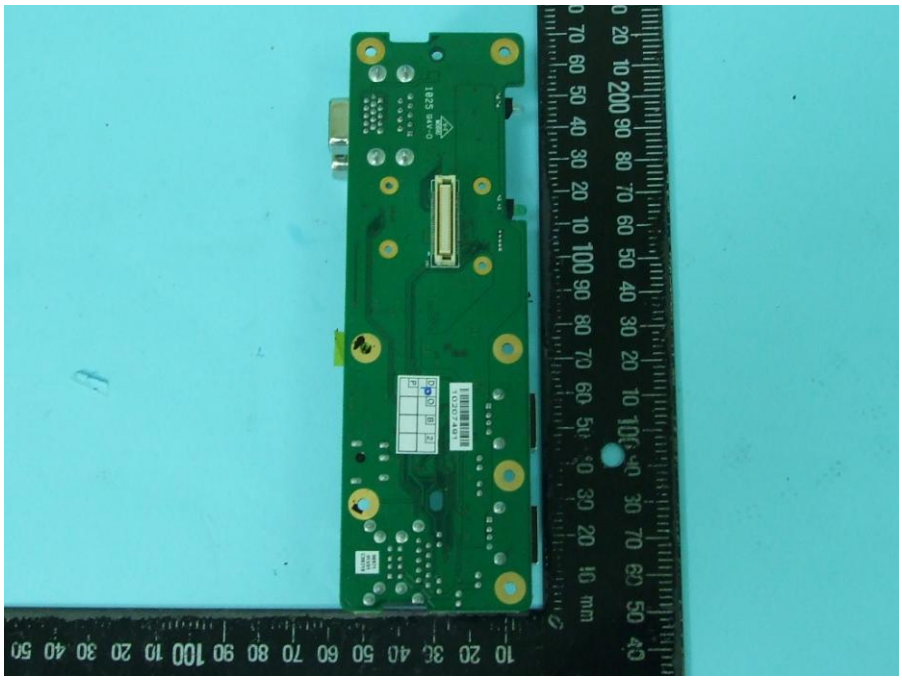
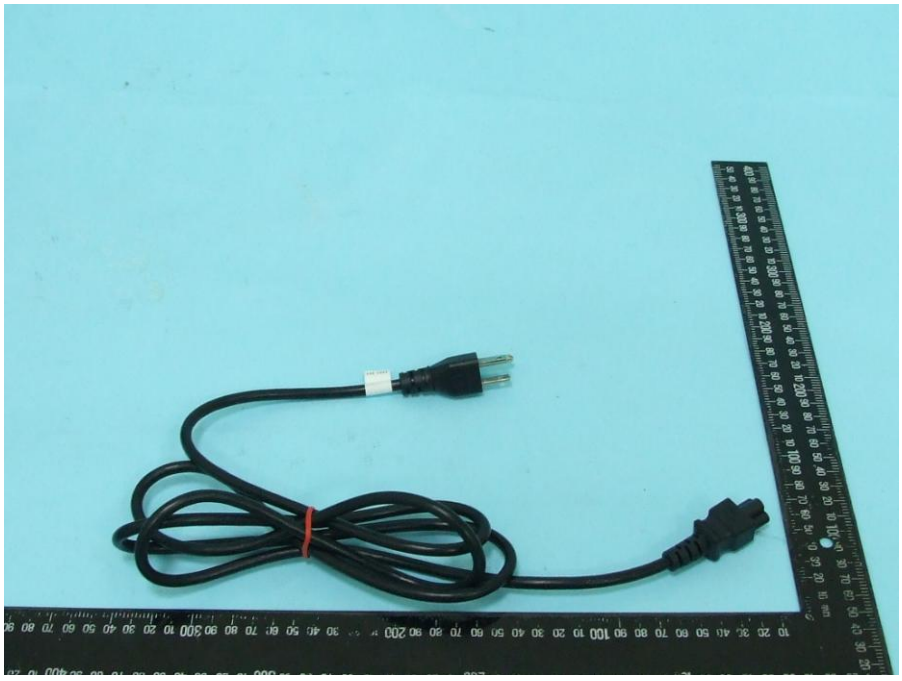
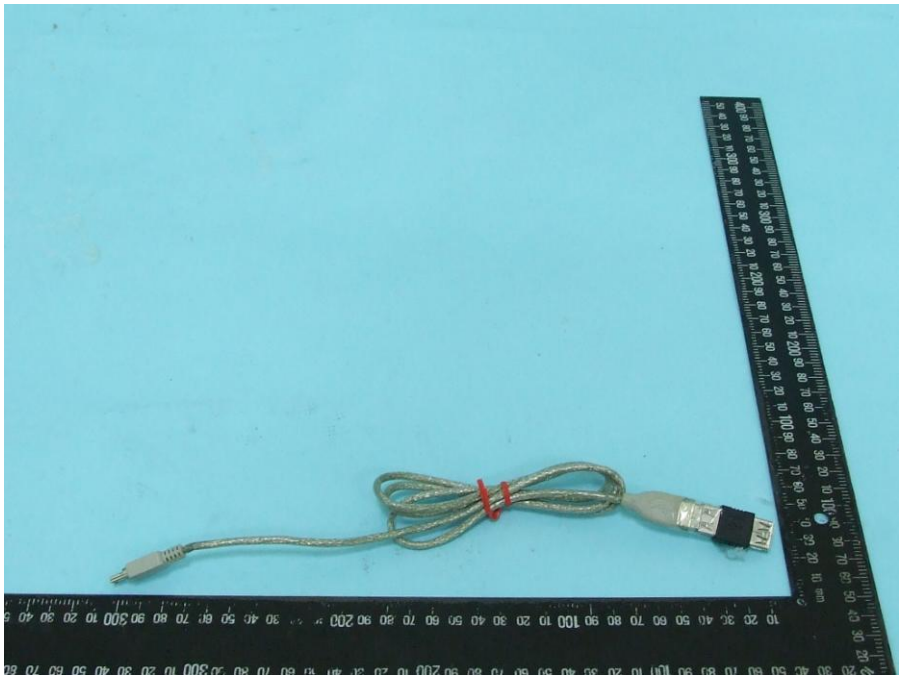
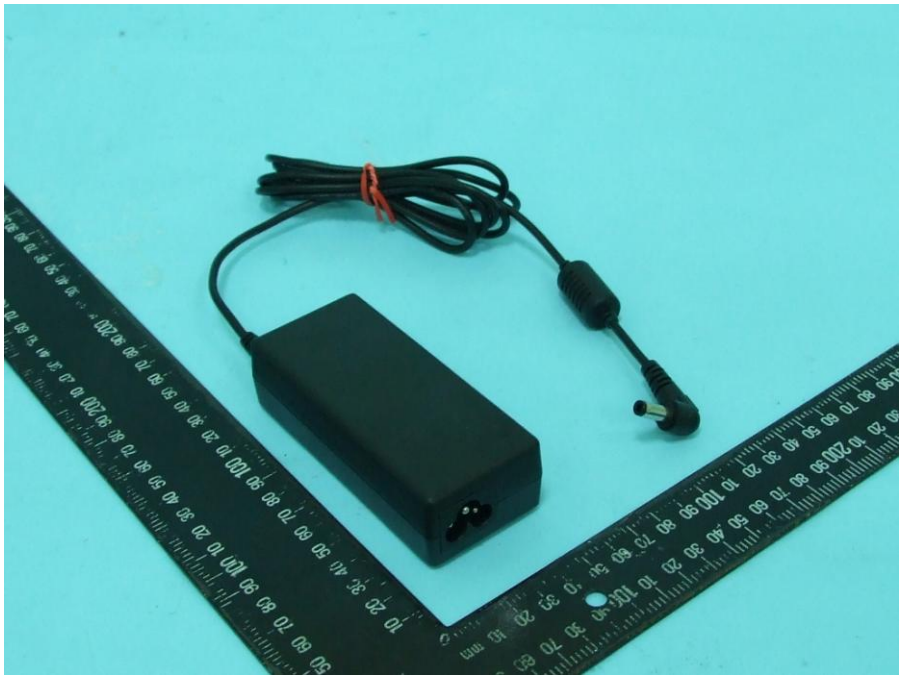
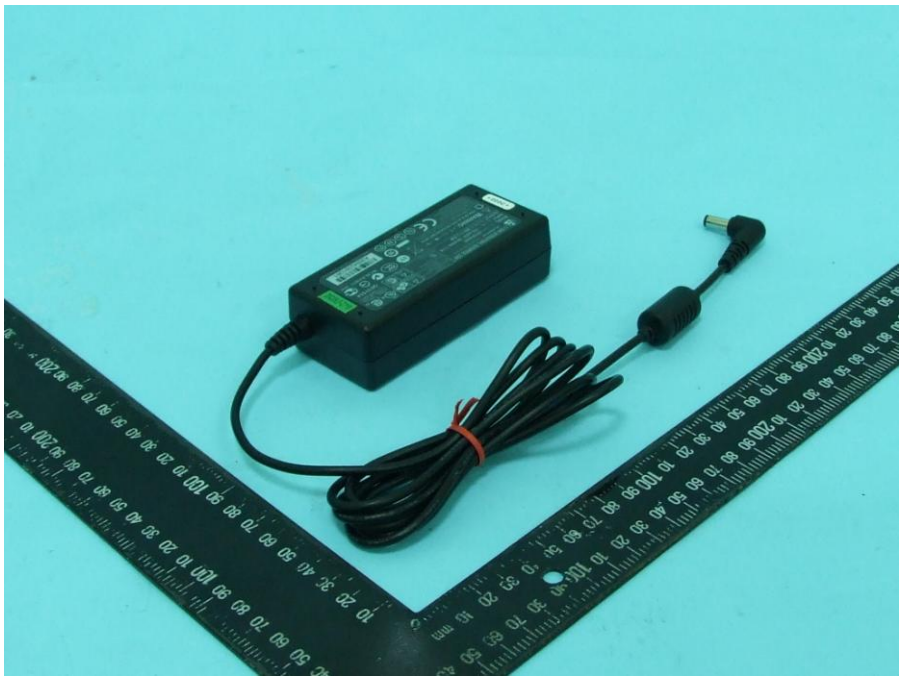
TP3
TP6
TP8












LI SHIN INTERNATIONAL ENTERPRISE CORP.
AC ADAPTER 交流适配器/電源供應器
MODEL : 型号/型號: 0335A2065
INPUT : 輸入/輸入: 100-240V~,50-60Hz 1.7A
OUTPUT : 輸出/輸出: 20V ⎓ 3.25A
WARNING: 注意:
RISK OF ELECTRIC SHOCK DO NOT OPEN
For Indoor Use Only 仅限资讯设备使用/ 僅限資訊設備使用
"Apparatet må tilkoples jordet stikkontakt"
"Apparaten skall anslutas till jordat uttag"
"Laite on liitettävä suojamaadoitus-
koskettimilla varustettuun pistorasiaan"
For IEC60950-1 products only
45XK
LISTED LEVEL3
E193430 LR114321
I.T.E. POWER SUPPLY
Q031514
N136 R43011 BZ02
A30942091061
MADE IN CHINA 中国制造/中國製造 TY03