SPORTON LAB.

Certificate No.: FD070229-01

CERTIFICATE OF COMPLIANCE

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

Testing Laboratory
1190

EQUIPMENT : **Rugged Tablet Computer**
MODEL NO. : **RTC-1000xx (xx is AS 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 **Sep. 14, 2010** AT **SPORTON INTERNATIONAL INC.** LAB.

Jones Chen Oct. 29. 2010
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 AS 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.
- Without written approval of SPORTON International Inc., the test report shall not be reproduced except in full.
- **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: Oct. 20, 2010

■ No additional attachment.

□ Additional attachment were issued as following record:

Attachment No.	Issue Date	Description

Certificate No. : FD070229-01

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 AS 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 **Sep. 14, 2010** at **SPORTON International Inc.** LAB.

Jones Chan
Supervisor

Oct. 19, 2010

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 AS 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	:	Shielded, 1.25 m, 2 pin

1.4 Feature of Equipment under Test

Description	Brand	Model	Spec.
CPU	Intel®	Atom™ N270	1.6G
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	Hyper power	H805084	351P 3cells Smart Li-on (4,100 mAh)
Power Adapter	FSP	FSP065-RAB	Input: 100-240Vac, 50-60Hz, 1.5A Output: 19Vdc, 3.42A (65W)
Cradle	---	---	---

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, HP USB Keyboard, HP USB Mouse, TERASYS USB 2.0 HDD (x2), Sandisk CF Card, üPA 3C Headset and EUT for EMI test. The remote workstation included HP PC, Compaq Monitor, Compaq PS/2 Keyboard, Compaq PS/2 Mouse.

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

Mode 1. CPU:1.6GHz, D-Sub: 1024 x 600, 60Hz, LAN: 100Mbps
Mode 2. CPU:1.6GHz, D-Sub: 800 x 600, 60Hz, LAN: 10Mbps
Cause " Mode 1 " 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:

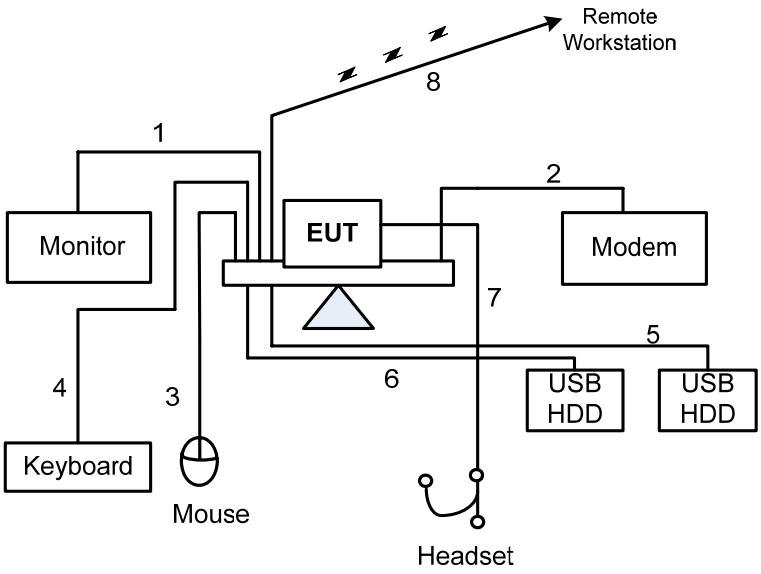
Mode 1. 1-8GHz

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

2.2 Description of Test System

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	USB Keyboard	HP	SK-2885	DoC	USB Cable, D-Shielded, 1.8m
4	USB Mouse	HP	M-UAE96	DoC	USB Cable, AL-Shielded, 1.8m
5	USB 2.0 HDD	TERASYS	F12-UF	DoC	USB Cable, D- Shielded, 1.2m
6	USB 2.0 HDD	TERASYS	F12-UF	DoC	USB Cable, D- Shielded, 1.8m
7	CF Card	Sandisk	128MB	---	---
8	Headset	3C	MIC03	---	Non-Shielded, 1.8m
9	PC (Remote Workstation)	HP	HP dc7700	DoC	RJ45 Cable, Non-Shielded, 10m
10	Monitor (Remote Workstation)	Compaq	S510	DoC	D- Shielded, 1.7m
11	PS/2 Keyboard (Remote Workstation)	Compaq	6511-VA	DoC	AL- Shielded, 1.6m
12	PS/2 Mouse (Remote Workstation)	Compaq	M-S69	DoC	AL- Shielded, 1.8m

2.3 Connection Diagram of Test System



The support unit 7 insert into EUT.

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

3. Test Software

An executive program, "EMCTEST.exe" under Win Embeded Standard, 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 "EMCtest.exe" 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 modem.
e. The EUT sends "H" messages to the internal hard disk, and the hard disk reads and writes the message.
f. Repeat the steps from c to e.

At the same time, the following programs were executed:
- Executed "Windows Media Player.exe" play music.
- Executed "EMC.exe" to read and write data from USB 2.0 HDD and CF card.
- 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. 30-2, Lin 6, Diing-Fwu Tsuen, Lin-Kou-Hsiang, Taipei Hsien, Taiwan, R.O.C.
TEL : 886-2-26011640
FAX : 886-2-2601-1695

Test Site No. : CO01-LK

For Radiated Emission below 1GHz

Test Site Location : No. 30-2, Lin 6, Diing-Fwu Tsuen, Lin-Kou-Hsiang, Taipei Hsien, Taiwan, R.O.C.
TEL : 886-2-26011640
FAX : 886-2-2601-1695

Test Site No. : OS05-LK

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	CO01-LK	± 2.42dB	Confidence levels of 95%
Radiated Emissions	OS05-LK	± 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

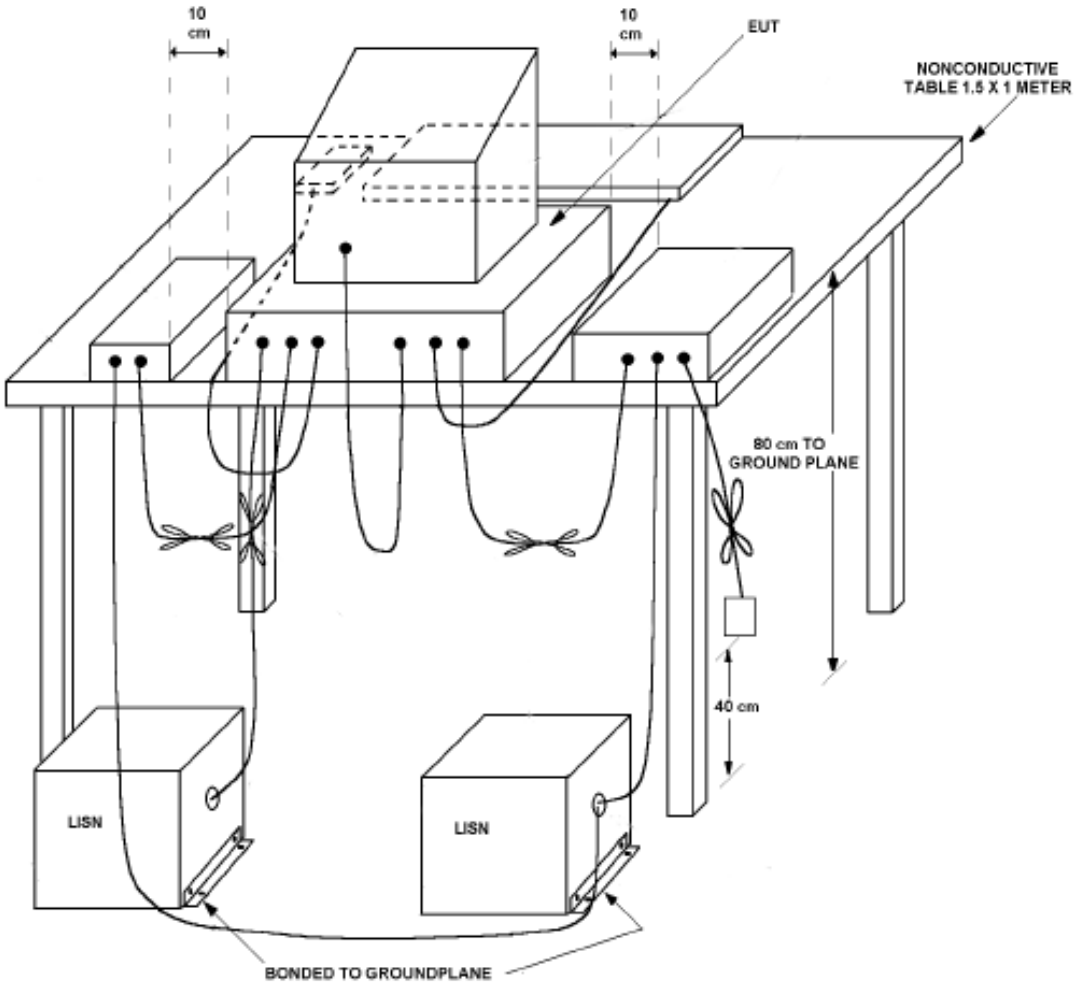
- Test Receiver (R&S ESCS 30)

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

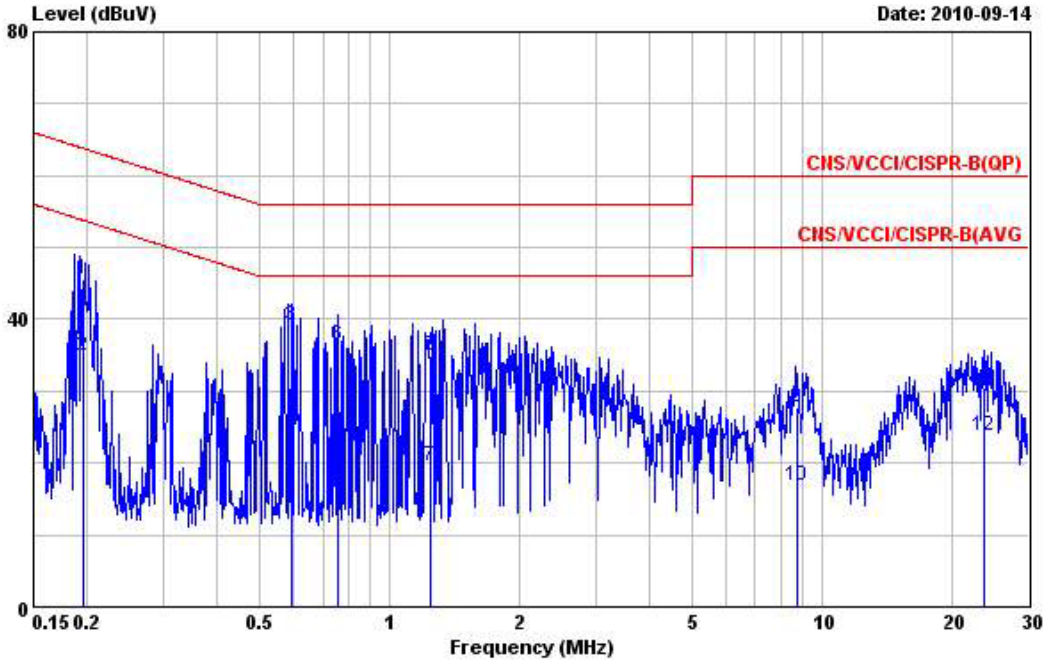


5.4 Test Result of AC Powerline Conducted Emission

Test Mode	Mode 1	Temperature	27℃
Test Engineer	Wilson Ye	Humidity	55%

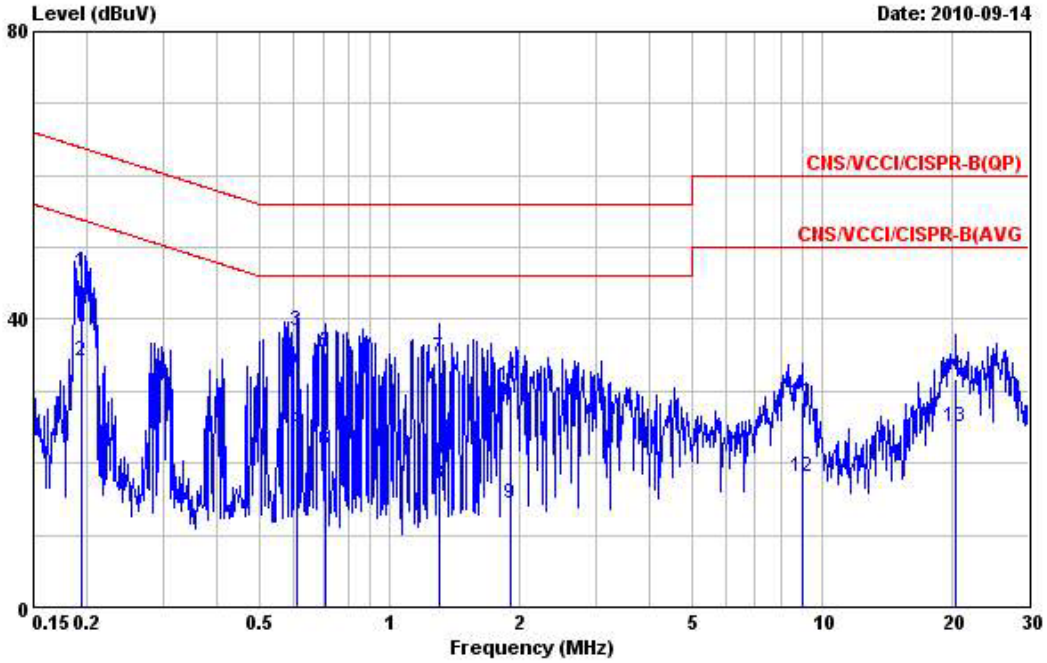
Note: Corrected Reading (dBμV) = LISN Factor + Cable Loss + Read Level = Level

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



Site : LK_CO01
Condition : LISN_98087_20091008 LINE
EUT : RTC-1000 AS
MODEL :
POWER : 120VAC/60Hz
MEMO : CPU:N270 1.6GHz
: D-Sub:1024*600 60Hz/LAN:100M

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.195	45.52	-18.29	63.81	45.35	0.16	0.01	QP
2	0.195	35.03	-18.78	53.81	34.86	0.16	0.01	Average
3	0.595	39.14	-16.86	56.00	38.91	0.18	0.05	QP
4	0.595	23.03	-22.97	46.00	22.80	0.18	0.05	Average
5	0.759	19.23	-26.77	46.00	18.98	0.18	0.07	Average
6	0.759	36.41	-19.59	56.00	36.16	0.18	0.07	QP
7	1.240	19.67	-26.33	46.00	19.39	0.19	0.09	Average
8	1.240	34.89	-21.11	56.00	34.61	0.19	0.09	QP
9	8.775	27.84	-32.16	60.00	27.14	0.45	0.25	QP
10	8.775	16.95	-33.05	50.00	16.25	0.45	0.25	Average
11	23.760	30.37	-29.63	60.00	28.86	1.08	0.43	QP
12	23.760	23.85	-26.15	50.00	22.34	1.08	0.43	Average



Site : LK_CO01
Condition : LISN_98087_20091008 NEUTRAL
EUT : RTC-1000 AS
MODEL :
POWER : 120VAC/60Hz
MEMO : CPU:N270 1.6GHz
: D-Sub:1024*600 60Hz/LAN:100M

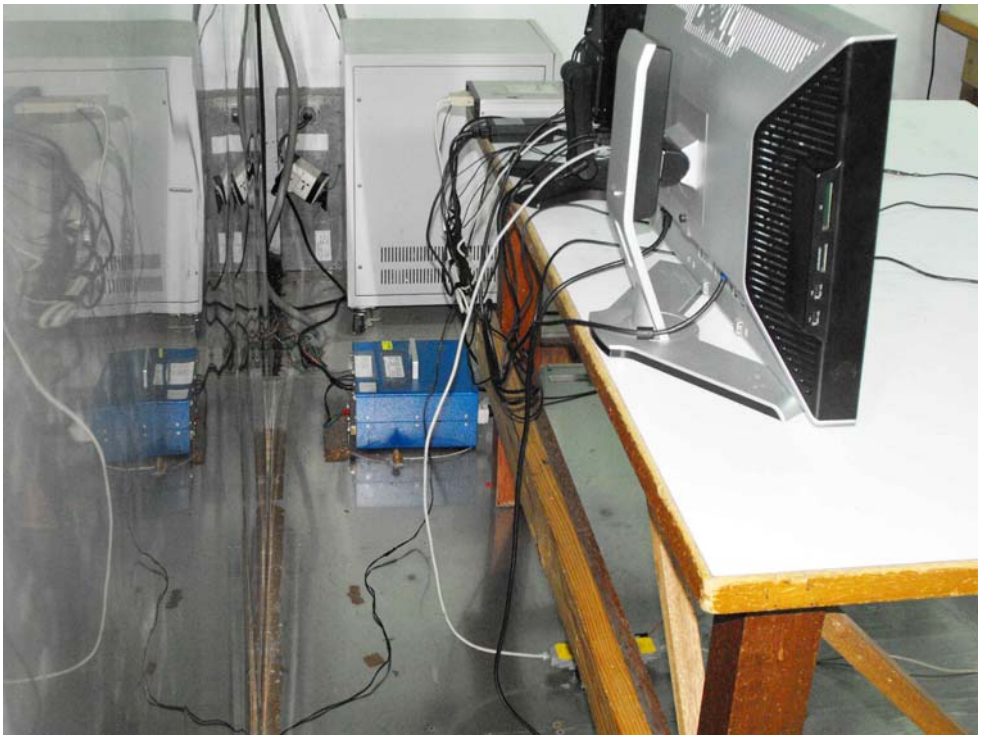
	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.193	46.61	-17.30	63.91	46.38	0.22	0.01	QP
2	0.193	34.23	-19.68	53.91	34.00	0.22	0.01	Average
3	0.611	38.49	-17.51	56.00	38.22	0.22	0.05	QP
4	0.611	24.52	-21.48	46.00	24.25	0.22	0.05	Average
5	0.708	35.54	-20.46	56.00	35.26	0.22	0.06	QP
6	0.708	21.85	-24.15	46.00	21.57	0.22	0.06	Average
7	1.300	34.56	-21.44	56.00	34.22	0.24	0.10	QP
8	1.300	16.99	-29.01	46.00	16.65	0.24	0.10	Average
9	1.900	14.34	-31.66	46.00	13.96	0.26	0.12	Average
10	1.900	30.75	-25.25	56.00	30.37	0.26	0.12	QP
11	8.960	28.45	-31.55	60.00	27.72	0.48	0.25	QP
12	8.960	18.13	-31.87	50.00	17.40	0.48	0.25	Average
13	20.380	25.01	-24.99	50.00	23.62	1.00	0.39	Average
14	20.380	31.61	-28.39	60.00	30.22	1.00	0.39	QP

5.5 Photographs of Conducted Powerline Test Configuration

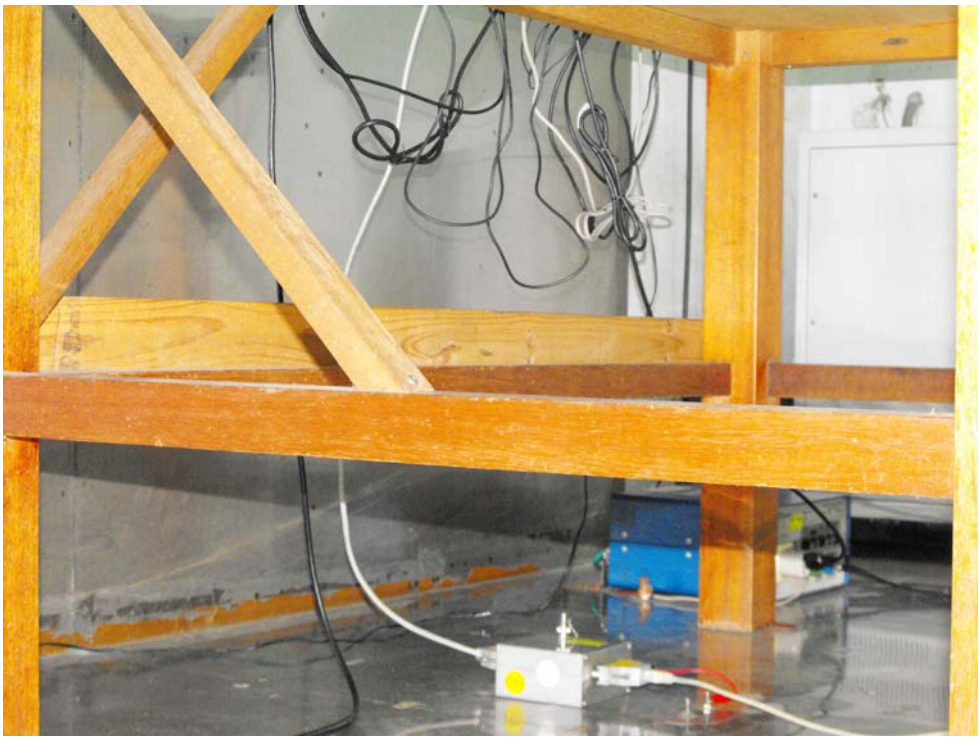
- The photographs show the configuration that generates the maximum emission.

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

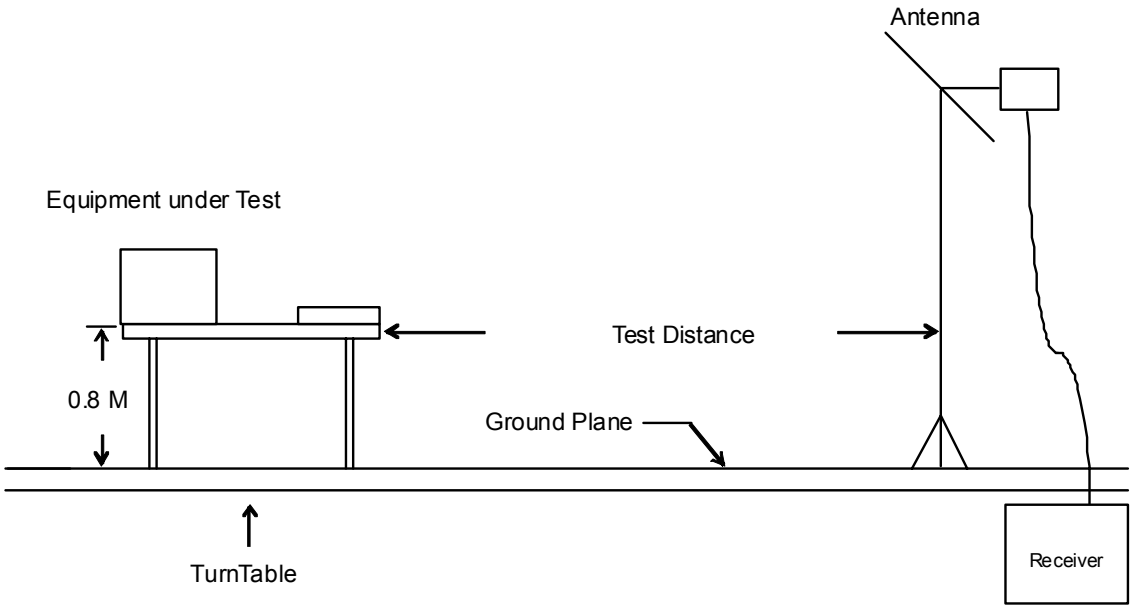
- Amplifier (Agilent 8449B)
  RF Gain 35 dB
  Signal Input 1 GHz - 26.5 GHz

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

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



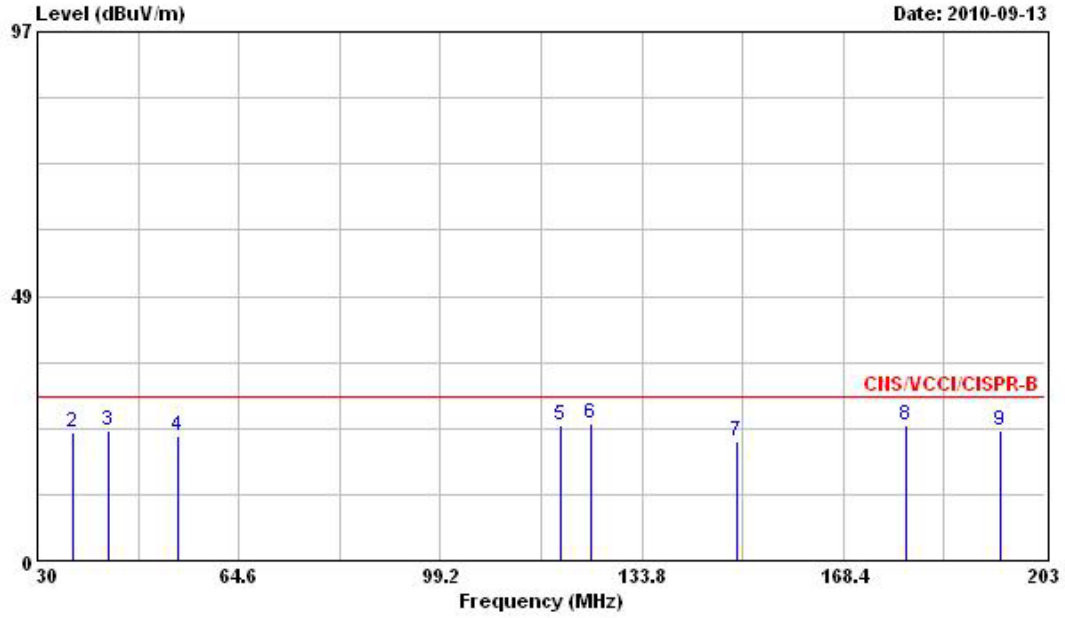
6.4 Test Result of Radiated Emission (Below 1GHz)

Frequency Range of Test	from 30 MHz to 1000 MHz	Test Distance	10m
Test Mode	Mode 1	Temperature	27℃
Test Engineer	Chi Ming Chu	Humidity	58%

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

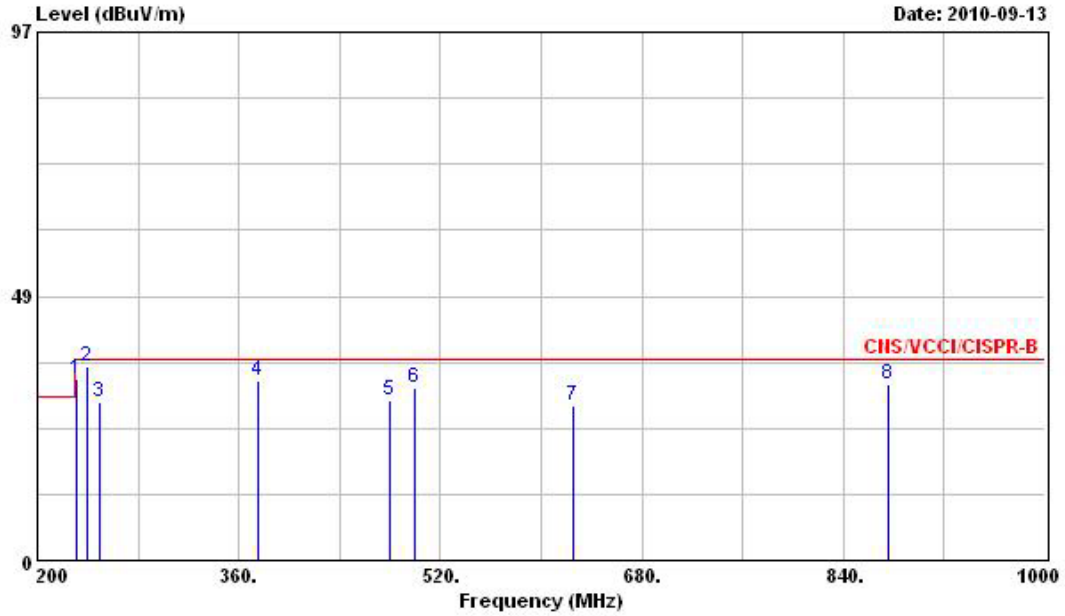
2. Corrected Reading : Antenna Factor + Cable Loss + Read Level – Preamp Factor = Level

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



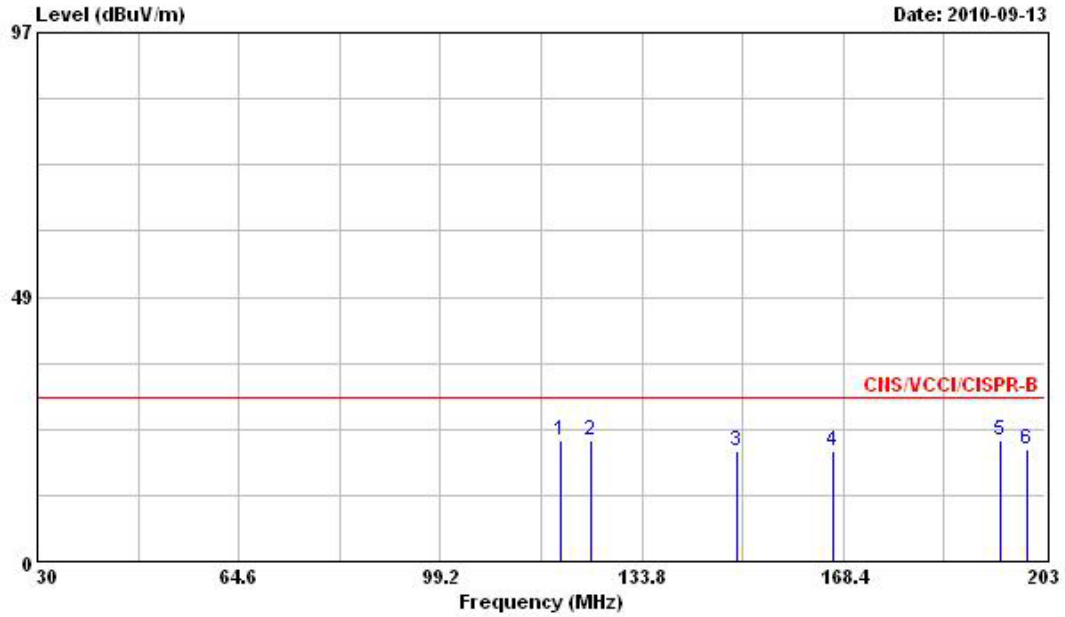
Site : LK-OS05
Condition : CNS/VCCI/CISPR-B 10m VERTICAL
EUT : RTC-1000AS
MODEL :
POWER : 120VAC
MEMO : CPU N270 1.6GHz
MEMO : D-SUB:1024*600 60Hz , LAN:100M

	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 @	30.000	26.00	-4.00	30.00	34.60	17.90	0.90	27.40	QP	---	---
2	36.200	23.53	-6.47	30.00	34.70	15.31	0.92	27.40	QP	---	---
3	42.200	23.69	-6.31	30.00	38.60	11.49	1.00	27.40	QP	---	---
4	54.130	22.77	-7.23	30.00	41.30	7.76	1.10	27.39	Peak	---	---
5	120.000	24.78	-5.22	30.00	38.40	12.00	1.60	27.22	QP	---	---
6	125.000	25.04	-4.96	30.00	37.90	12.69	1.65	27.20	Peak	---	---
7	150.000	21.90	-8.10	30.00	36.19	10.96	1.85	27.10	Peak	---	---
8	179.130	24.96	-5.04	30.00	40.19	9.66	2.09	26.98	Peak	---	---
9	195.400	23.99	-6.01	30.00	39.60	9.13	2.18	26.92	Peak	---	---



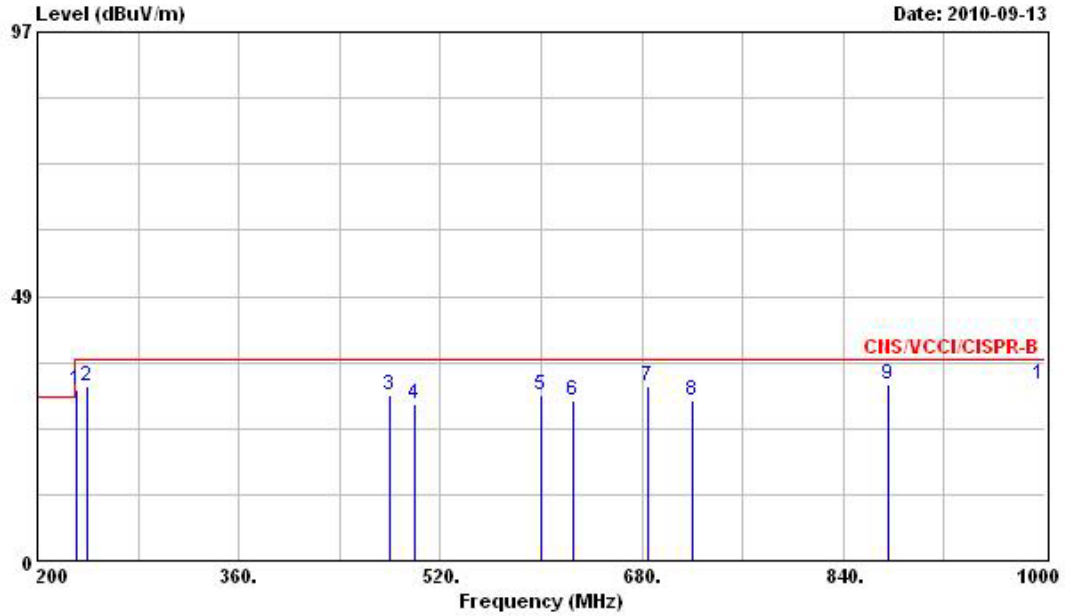
Site : LK-OS05
Condition : CNS/VCCI/CISPR-B 10m VERTICAL
EUT : RTC-1000AS
MODEL :
POWER : 120VAC
MEMO :
MEMO : D-SUB:1024*600 60Hz , LAN:100M

	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 @	230.690	33.20	-3.80	37.00	46.21	11.45	2.38	26.84	Peak	---	---
2 @	240.000	35.66	-1.34	37.00	47.90	12.14	2.44	26.82	QP	100	62
3	250.000	29.14	-7.86	37.00	40.46	12.98	2.50	26.80	Peak	---	---
4	375.000	32.90	-4.10	37.00	41.31	15.72	3.10	27.23	Peak	---	---
5	480.000	29.40	-7.60	37.00	35.60	18.08	3.60	27.88	Peak	---	---
6	500.000	31.71	-5.29	37.00	37.60	18.51	3.60	28.00	Peak	---	---
7	625.000	28.35	-8.65	37.00	31.20	20.70	4.45	28.00	Peak	---	---
8	875.000	32.19	-4.81	37.00	30.60	23.59	5.75	27.75	Peak	---	---



Site : LK-OS05
Condition : CNS/VCCI/CISPR-B 10m HORIZONTAL
EUT : RTC-1000AS
MODEL :
POWER : 120VAC
MEMO : CPU N270 1.6GHz
MEMO : D-SUB:1024*600 60Hz , LAN:100M

	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	120.000	22.21	-7.79	30.00	35.83	12.00	1.60	27.22	Peak	---	---
2	125.000	22.14	-7.86	30.00	35.00	12.69	1.65	27.20	Peak	---	---
3	150.000	20.30	-9.70	30.00	34.59	10.96	1.85	27.10	Peak	---	---
4	166.670	20.29	-9.71	30.00	35.19	10.16	1.97	27.03	Peak	---	---
5	195.400	22.19	-7.81	30.00	37.80	9.13	2.18	26.92	Peak	---	---
6	200.000	20.57	-9.43	30.00	36.26	9.01	2.20	26.90	Peak	---	---



Site : LK-OS05
Condition : CNS/VCCI/CISPR-B 10m HORIZONTAL
EUT : RTC-1000AS
MODEL :
POWER : 120VAC
MEMO : CPU N270 1.6GHz
MEMO : D-SUB:1024*600 60Hz , LAN:100M

	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	230.660	31.20	-5.80	37.00	44.21	11.45	2.38	26.84	Peak	---	---
2	240.000	31.96	-5.04	37.00	44.20	12.14	2.44	26.82	QP	---	---
3	480.000	30.40	-6.60	37.00	36.60	18.08	3.60	27.88	Peak	---	---
4	500.000	28.71	-8.29	37.00	34.60	18.51	3.60	28.00	Peak	---	---
5	600.000	30.26	-6.74	37.00	33.40	20.66	4.20	28.00	Peak	---	---
6	625.000	29.35	-7.65	37.00	32.20	20.70	4.45	28.00	Peak	---	---
7	684.700	31.91	-5.09	37.00	34.40	20.81	4.70	28.00	Peak	---	---
8	720.000	29.49	-7.51	37.00	31.41	21.24	4.82	27.98	Peak	---	---
9	875.000	32.40	-4.60	37.00	30.81	23.59	5.75	27.75	Peak	---	---
10	1000.000	32.21	-4.79	37.00	28.20	24.81	6.60	27.40	Peak	---	---

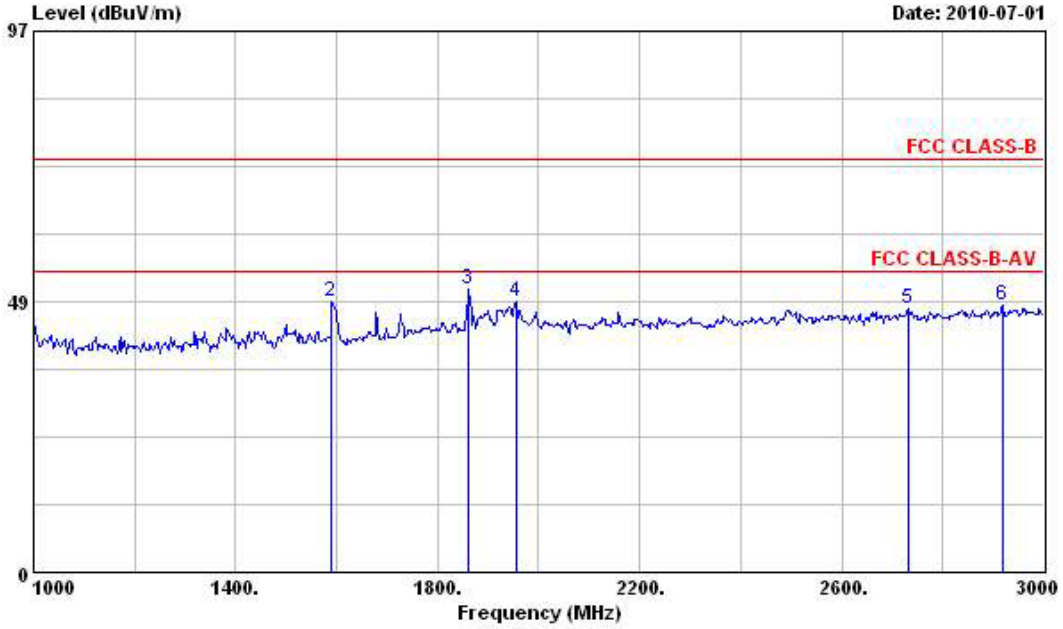
6.5 Test Result of Radiated Emission (Above 1GHz)

Frequency Range of Test	From 1000MHz to 13000MHz	Test Distance	1m/3m
Test Mode	Mode 1	Temperature	21℃
Test Engineer	Daniel Hsu	Humidity	57%

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

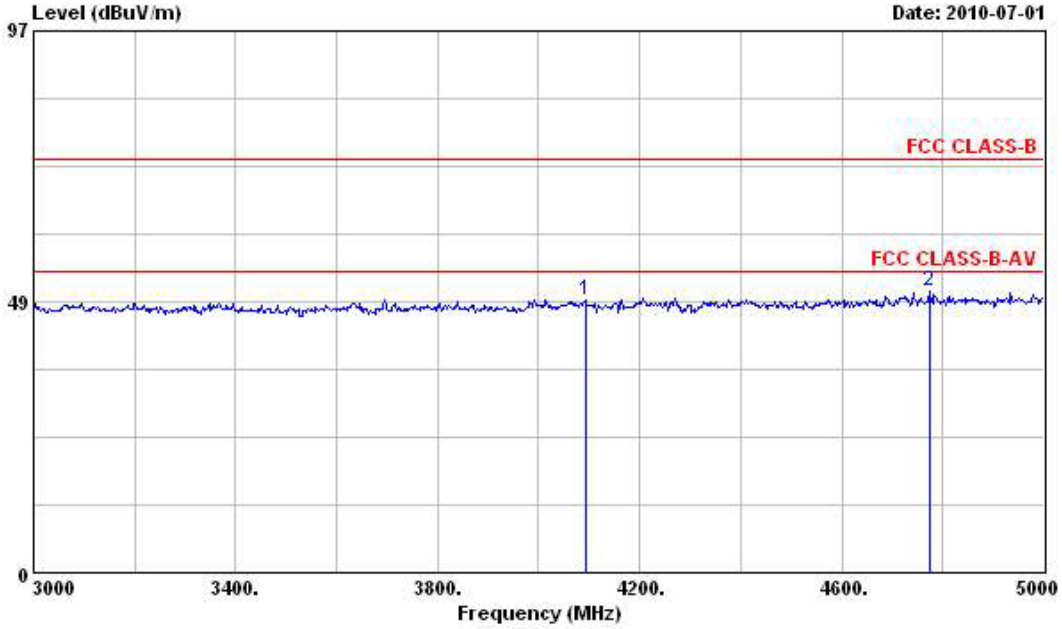
2. Corrected Reading : Antenna Factor + Cable Loss + Read Level – Preamp Factor = Level

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



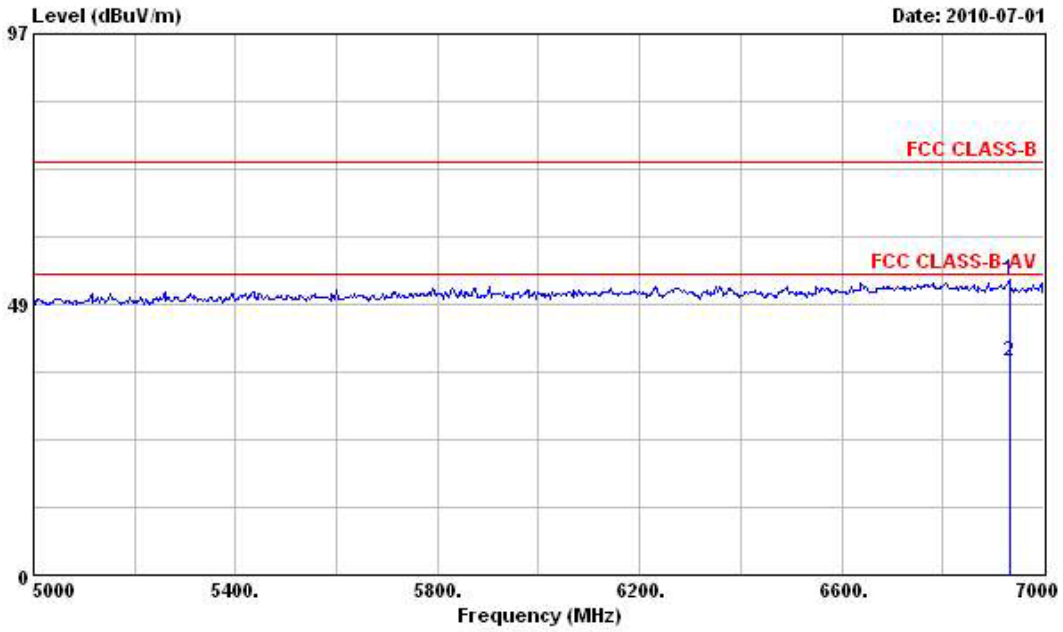
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-V VERTICAL
eut :
model : RTC-1000AS
memo :
memo :

	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	1000.000	44.82	-29.18	74.00	50.98	26.90	1.80	34.86	Peak
2	1590.000	48.52	-25.48	74.00	51.68	28.68	2.36	34.20	Peak
3 @	1862.000	50.82	-23.18	74.00	52.05	29.96	2.59	33.78	Peak
4	1956.000	48.53	-25.47	74.00	49.14	30.36	2.69	33.66	Peak
5	2732.000	47.21	-26.79	74.00	45.37	32.77	3.24	34.17	Peak
6	2918.000	47.77	-26.23	74.00	45.39	33.07	3.37	34.06	Peak



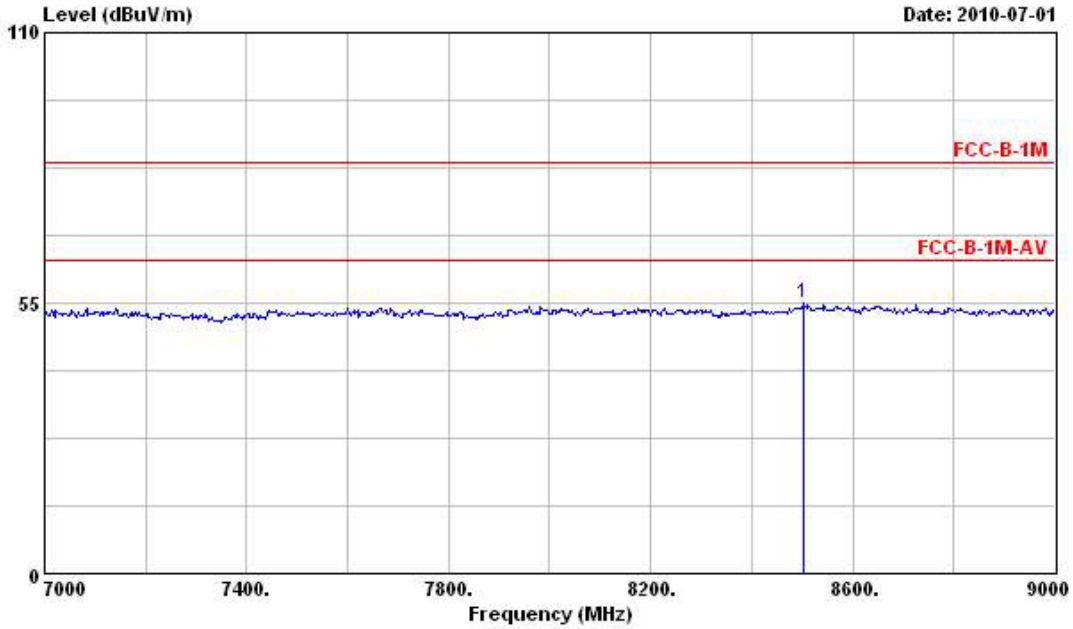
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-V VERTICAL
eut :
model : RTC-1000AS
memo :
memo :

	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	4092.000	48.95	-25.05	74.00	45.03	34.32	4.18	34.58	Peak
2	4774.000	50.52	-23.48	74.00	45.47	35.08	4.55	34.58	Peak



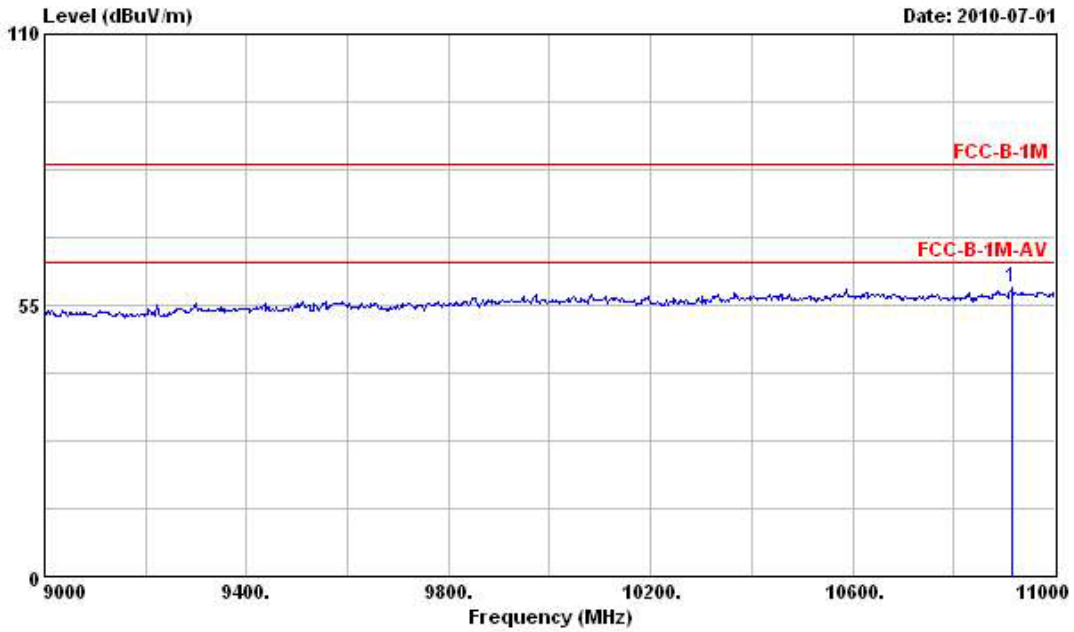
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-V VERTICAL 0cm 0deg
eut :
model : RTC-1000AS
memo :
memo :

	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 @	6932.000	53.11	-20.89	74.00	45.05	36.76	5.58	34.28	Peak
2 @	6932.000	38.33	-15.67	54.00	30.27	36.76	5.58	34.28	Average



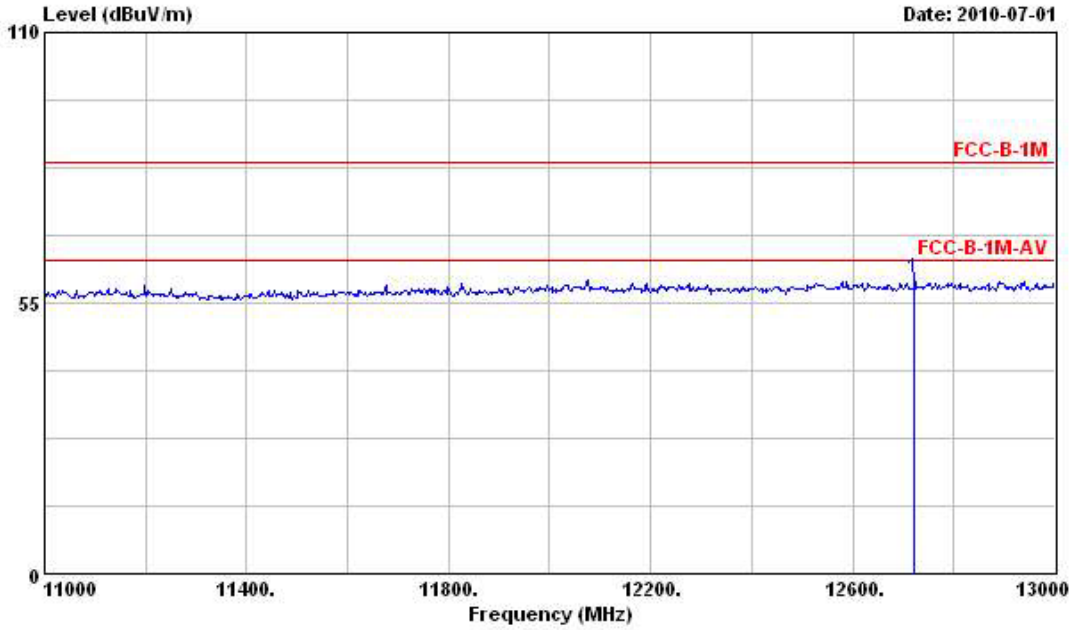
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M VERTICAL
eut :
model : RTC-1000AS
memo :
memo :

	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	8502.000	55.04	-28.50	83.54	44.80	38.50	5.94	34.20	Peak



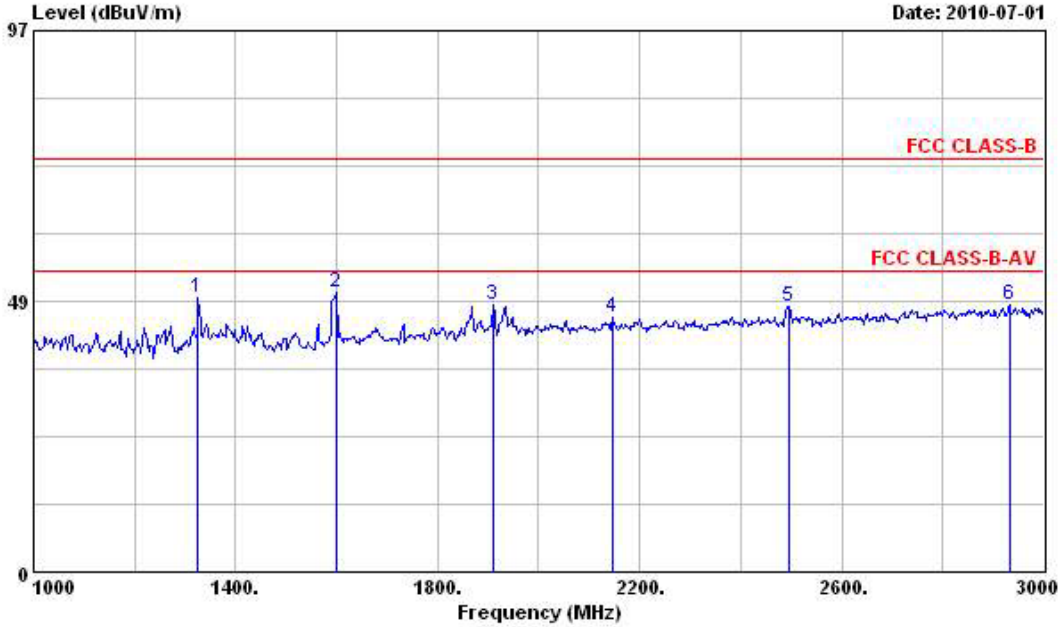
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M VERTICAL
eut :
model : RTC-1000AS
memo :
memo :

	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	10916.000	58.53	-25.01	83.54	44.55	40.35	7.12	33.49	Peak



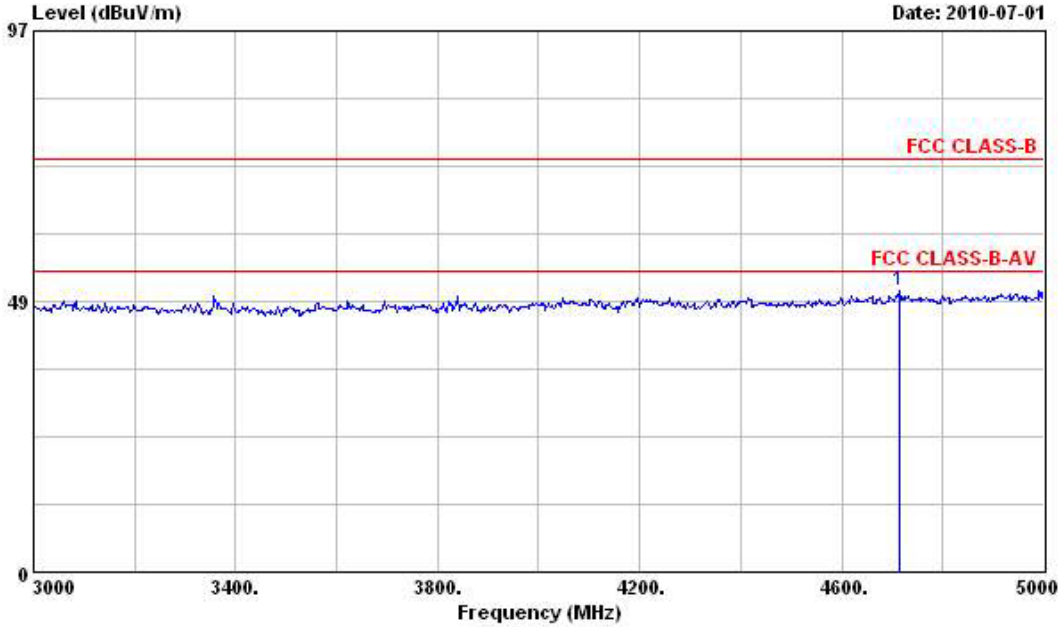
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M VERTICAL
eut :
model : RTC-1000AS
memo :
memo :

	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	12722.000	60.15	-23.39	83.54	44.88	41.40	6.99	33.12	Peak



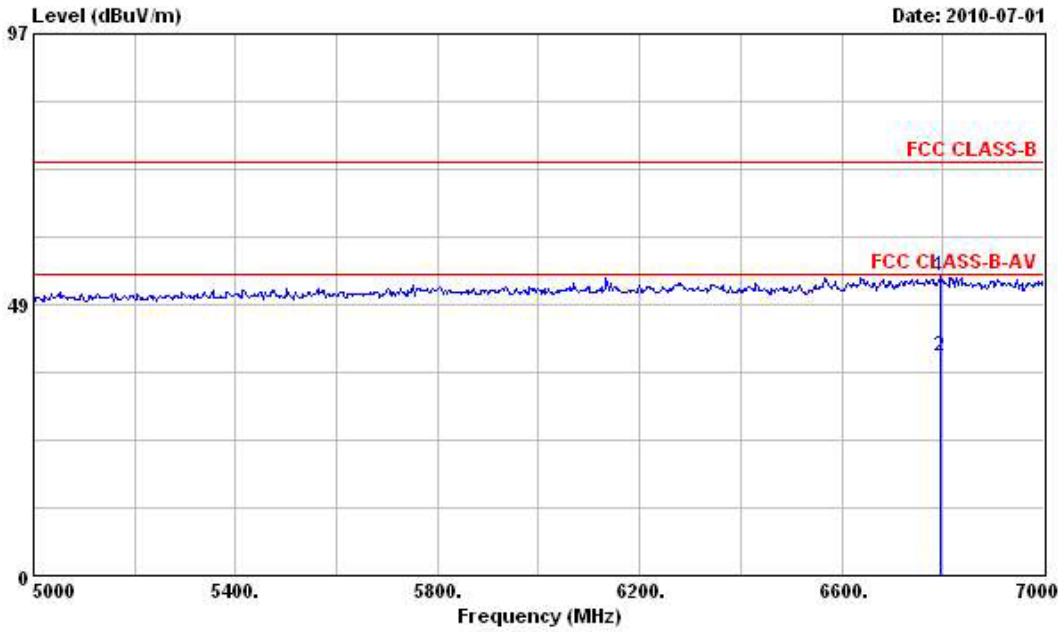
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-H HORIZONTAL
eut :
model : RTC-1000AS
memo :
memo :

	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	1326.000	49.16	-24.84	74.00	54.20	27.36	2.11	34.51	Peak
2	1598.000	50.13	-23.87	74.00	53.93	28.04	2.36	34.20	Peak
3	1910.000	47.82	-26.18	74.00	49.15	29.75	2.62	33.70	Peak
4	2148.000	45.67	-28.33	74.00	45.84	30.82	2.81	33.80	Peak
5	2494.000	47.52	-26.48	74.00	46.55	32.20	3.08	34.31	Peak
6	2932.000	47.80	-26.20	74.00	45.22	33.24	3.39	34.05	Peak



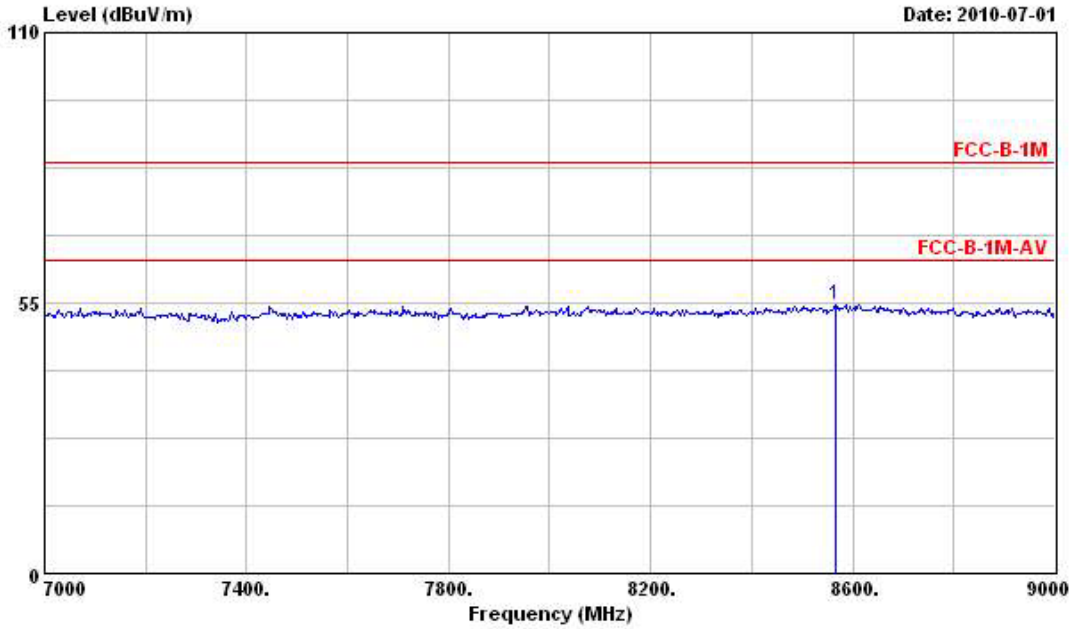
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-H HORIZONTAL
eut :
model : RTC-1000AS
memo :
memo :

	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	4716.000	50.48	-23.52	74.00	45.03	35.61	4.48	34.64	Peak



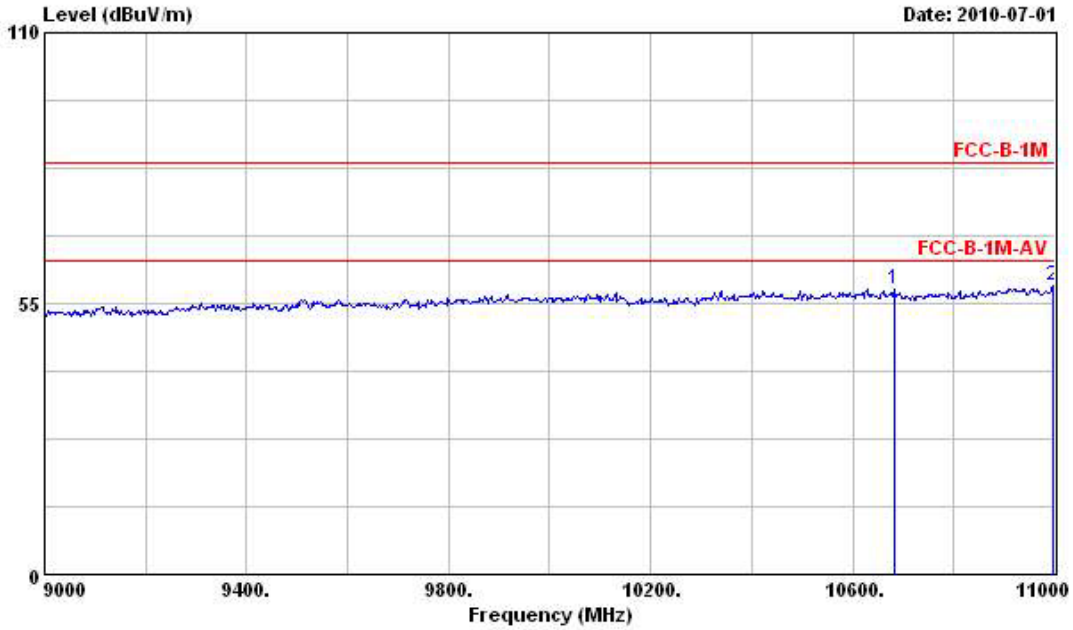
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-H HORIZONTAL
eut :
model : RTC-1000AS
memo :
memo :

	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	@ 6796.000	53.58	-20.42	74.00	44.63	37.68	5.56	34.29	Peak
2	@ 6796.000	39.36	-14.64	54.00	30.41	37.68	5.56	34.29	Average



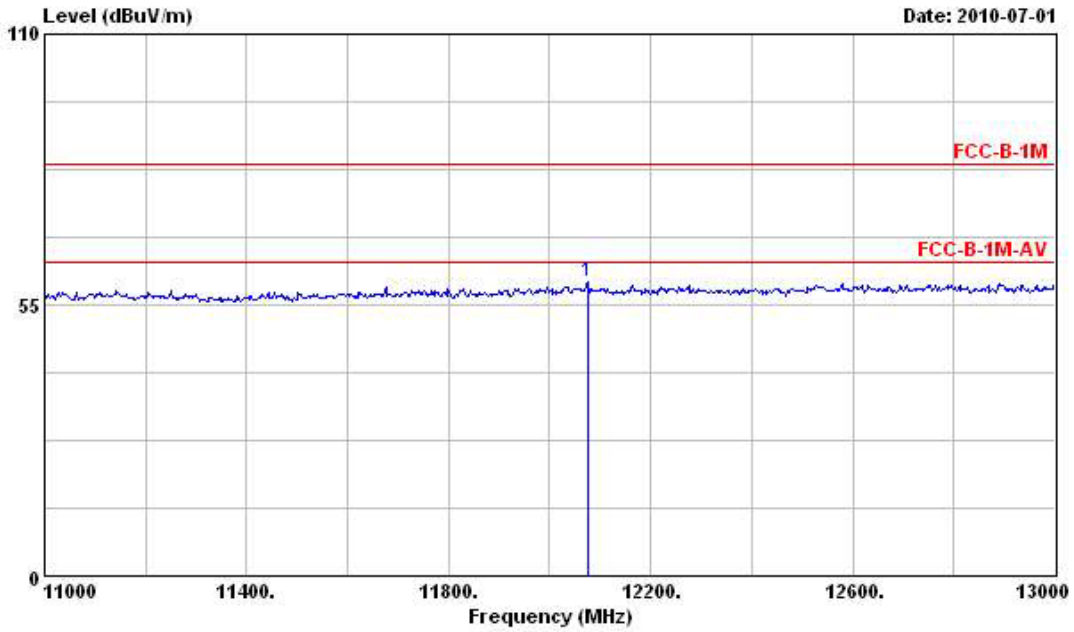
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M HORIZONTAL
eut :
model : RTC-1000AS
memo :
memo :

	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	8566.000	54.75	-28.79	83.54	44.61	38.45	5.97	34.28	Peak



Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M HORIZONTAL
eut :
model : RTC-1000AS
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	10684.000	58.05	-25.49	83.54	44.66	40.21	6.96	33.78	Peak
2	10996.000	58.46	-25.08	83.54	44.28	40.40	7.17	33.39	Peak



Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M HORIZONTAL
eut :
model : RTC-1000AS
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	12076.000	59.68	-23.86	83.54	45.61	40.90	6.66	33.49	Peak

6.6 Photographs of Radiated Emission Test Configuration

- 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
Receiver	R&S	ESCS 30	838251/003	9 kHz - 2.75 GHz	Apr. 16, 2010	Conduction (CO01-LK)
LISN	Rolf Heine	NNB-2/16Z	99081	9 kHz - 30 MHz	Jan. 27, 2010	Conduction (CO01-LK)
RF Cable-CON	Suhner Switzerland	RG223/U	CB017	9 kHz - 30 MHz	Nov. 04, 2009	Conduction (CO01-LK)
Impedance Stabilization Network	TESEQ GMBH	T400A	24853	9kHz –30MHz	Nov. 09, 2009	Conduction (CO01-LK)
Receiver	R&S	ESCS 30	838251/003	9 kHz - 2.75 GHz	Apr. 16, 2010	Conduction (CO01-LK)

※ 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	OS05-LK	30 MHz - 1 GHz 10m, 3m	Aug. 14, 2010	Radiation (OS05-LK)
Amplifier	HP	8447D	2944A08242	0.1 MHz - 1.3 GHz	Jun. 15, 2010	Radiation (OS05-LK)
Spectrum Analyzer	Advantest	R3261C	71720606	9 kHz – 2.6GHz	Apr. 26, 2010	Radiation (OS05-LK)
Receiver	R&S	ESCS 30	100168	9 kHz - 2.75 GHz	Oct. 21, 2009	Radiation (OS05-LK)
Bilog Antenna	SCHAFFNER	CBL6111C	2743	30 MHz - 1GHz	May 15, 2010	Radiation (OS05-LK)
Antenna Mast	EMCO	2075	9806-2160	1m - 4m	N/A	Radiation (OS05-LK)
Turn Table	EMCO	2080	9806-2070	0° - 360°	N/A	Radiation (OS05-LK)
RF Cable-R10m	BELDEN	RG8/U	CB013	30 MHz - 1 GHz	Jan. 25, 2010	Radiation (OS05-LK)
RF Cable-R03m	BELDEN	RG8/U	CB014	30 MHz - 1 GHz	Jan. 25, 2010	Radiation (OS05-LK)

※ 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

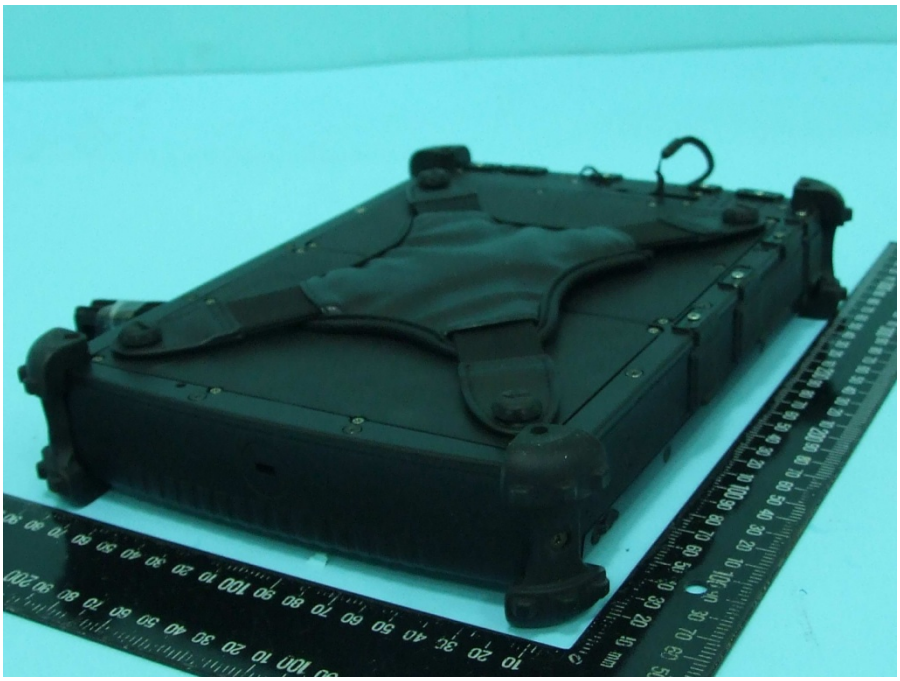
Jay-San Chen
President, Taiwan Accreditation Foundation
Date：May 29, 2010

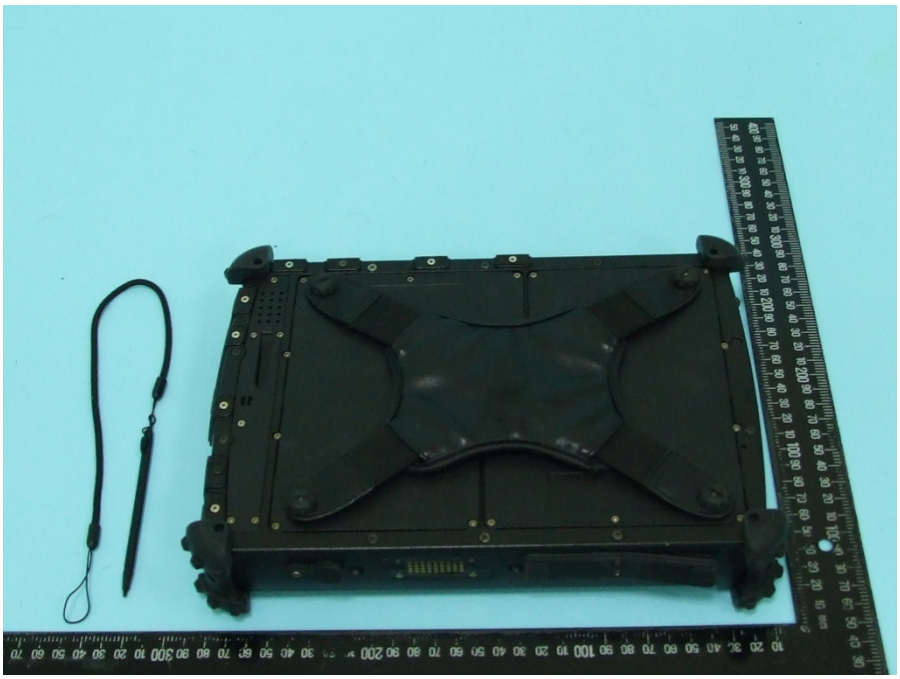
P1, total 23 pages

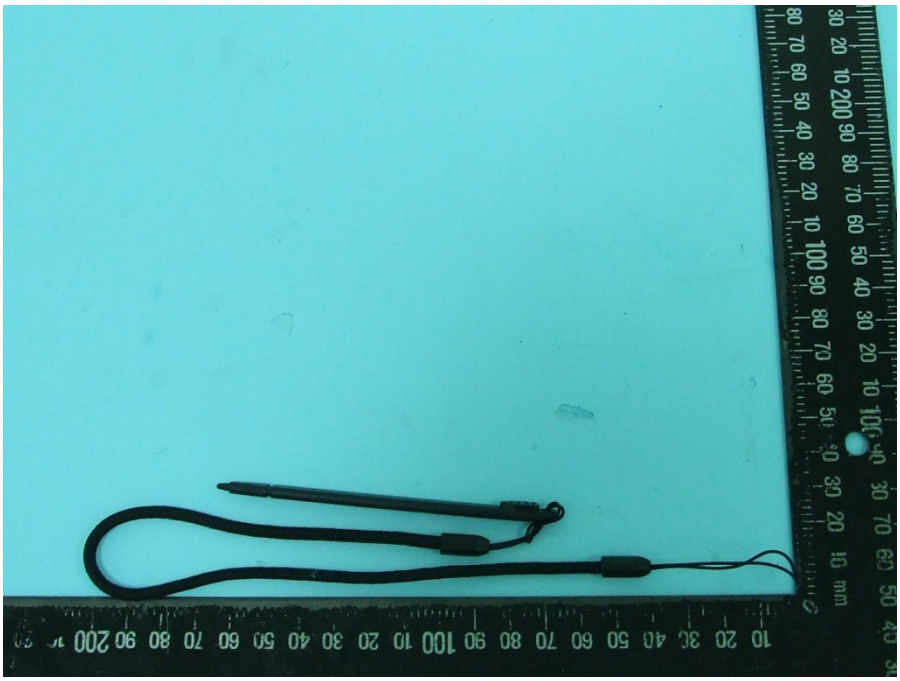
The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix

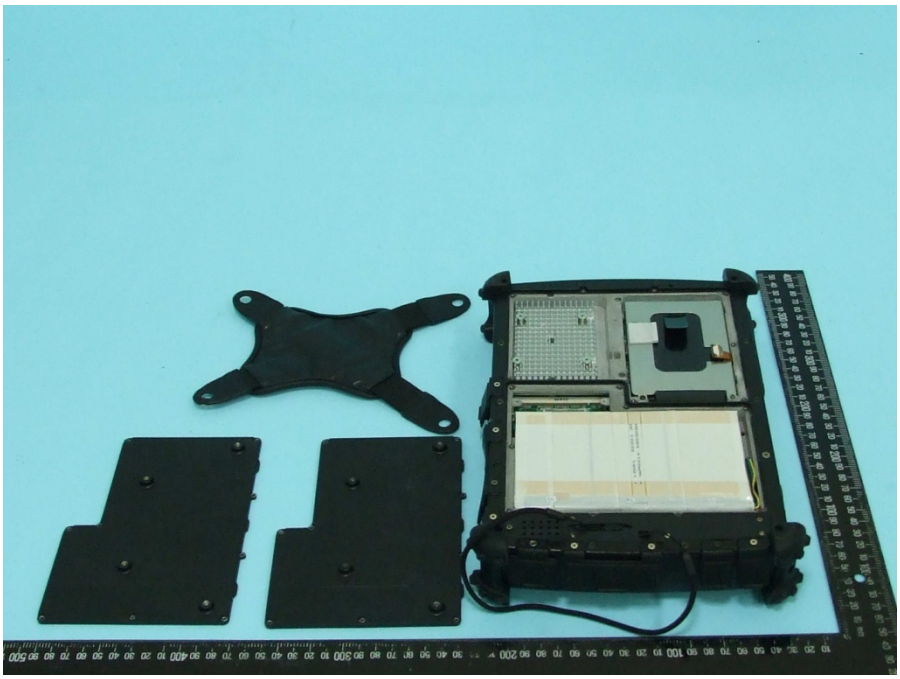
APPENDIX A. Photographs of EUT

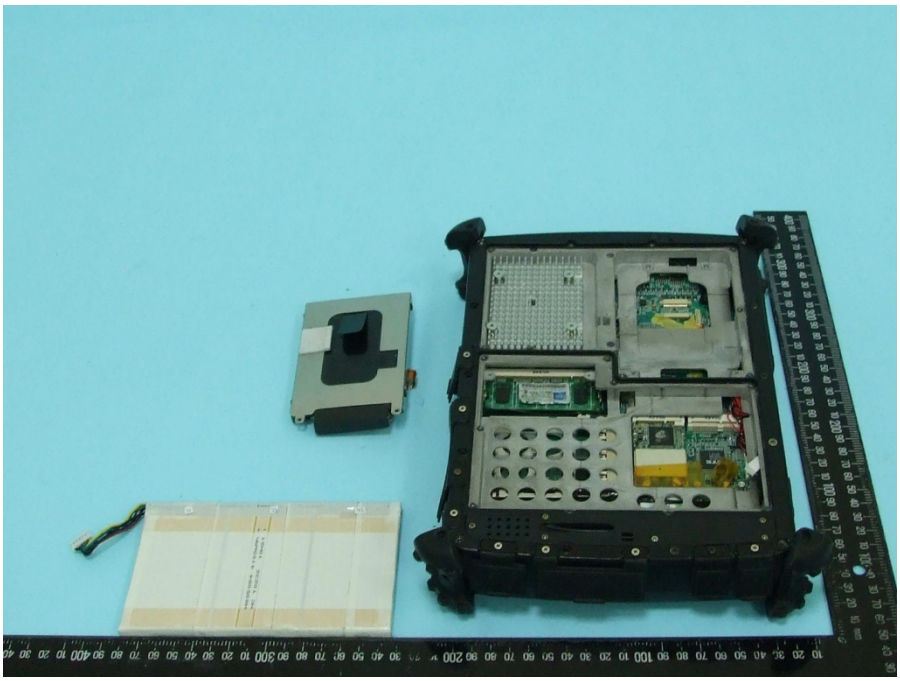

RTC-1000

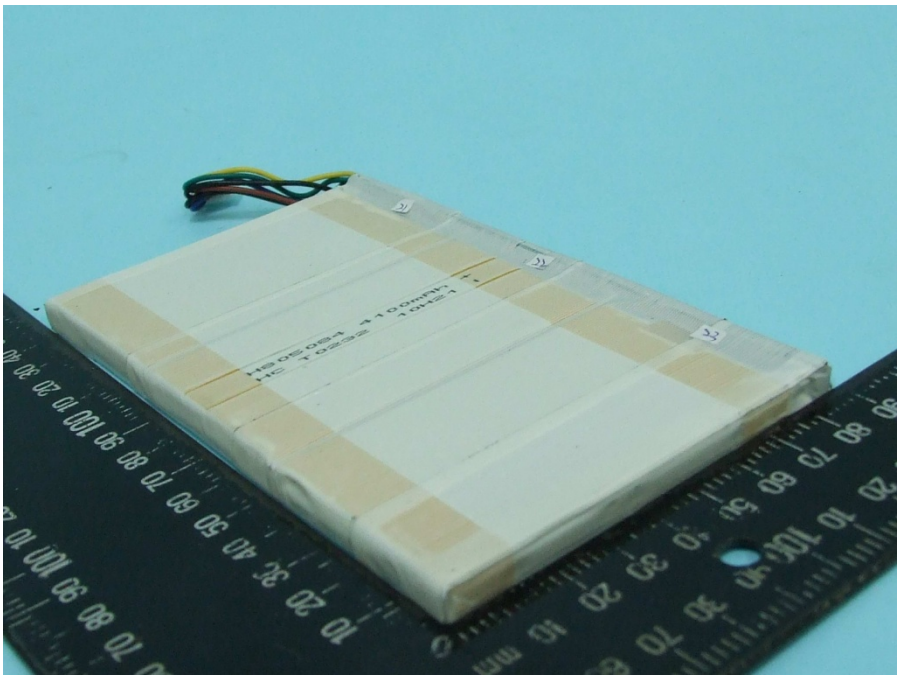


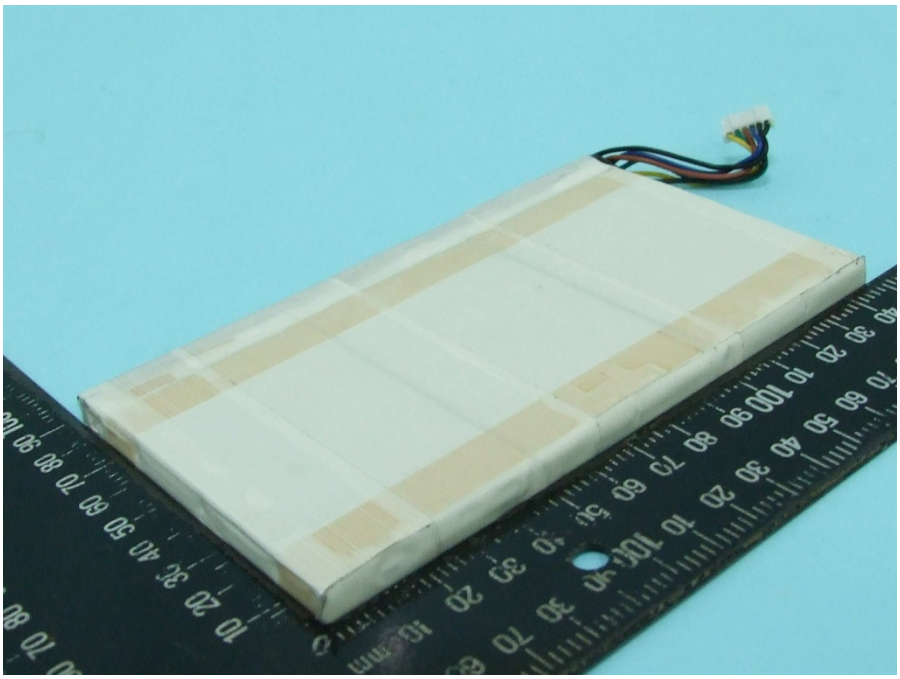


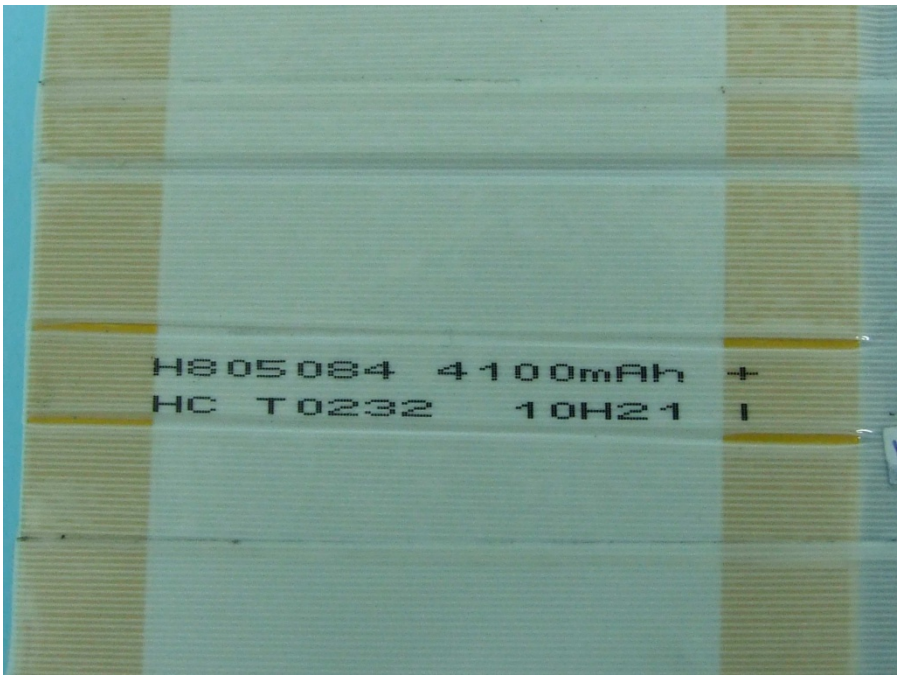











H805084 4100mAh +
HC T0232 10H21 I


WD
WD800BEVT


FRAGILE
DO NOT COVER
ANY DRIVE HOLES
WD
www.westerndigital.com
80GB
WD800BEVT
S/N : WXK0AC9U9750
MDL : WD800BEVT – 00A23T0
Product warranty will be void if seal,
label or cover is removed or damaged.
Do not press
on top cover.
WWN:50014EE2AED5DFB3
DATE: 28 FEB 2010
LBA : 156301488
DCM : HHCTJANB
5VDC : 0.55A
DCX : UA052CW39
R/N : 771672
U.S. Patents: 6178056, 5956196,6289484, 6263459
Product of Thailand
Canada ICES – 003 Class B/
NMB – 003 Classe B
RoHS
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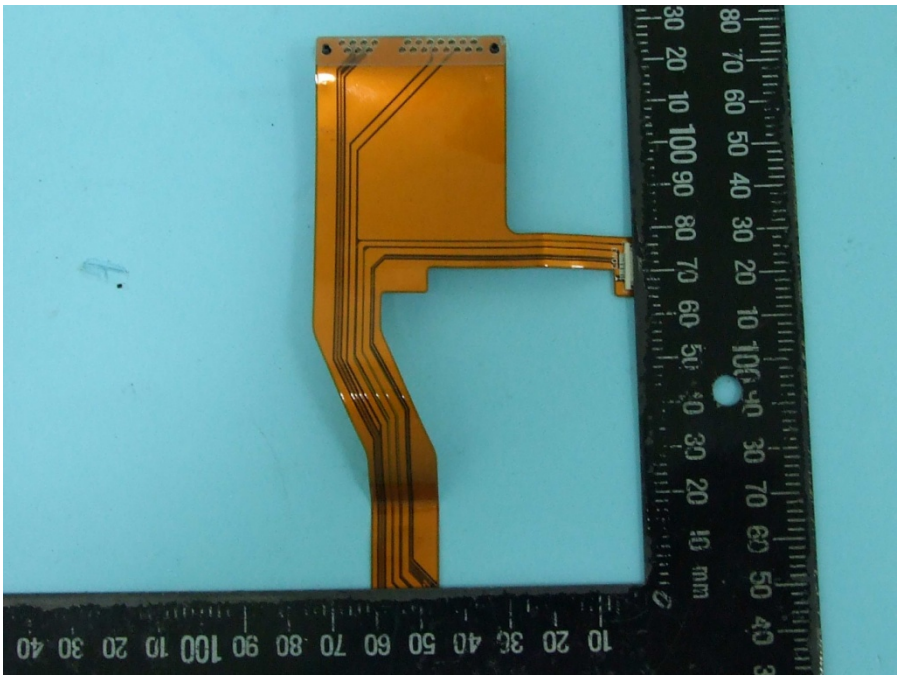
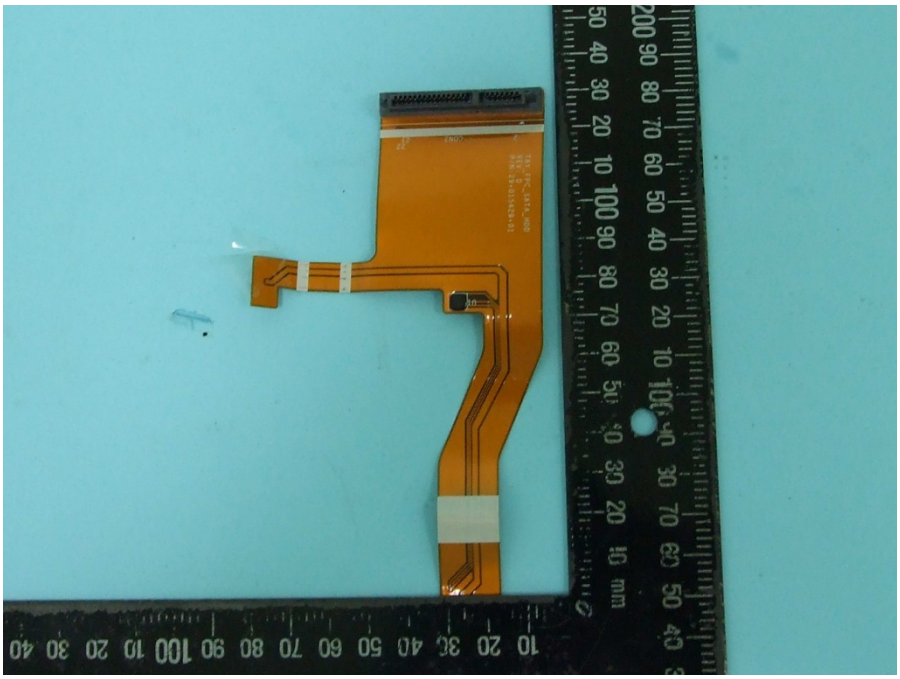
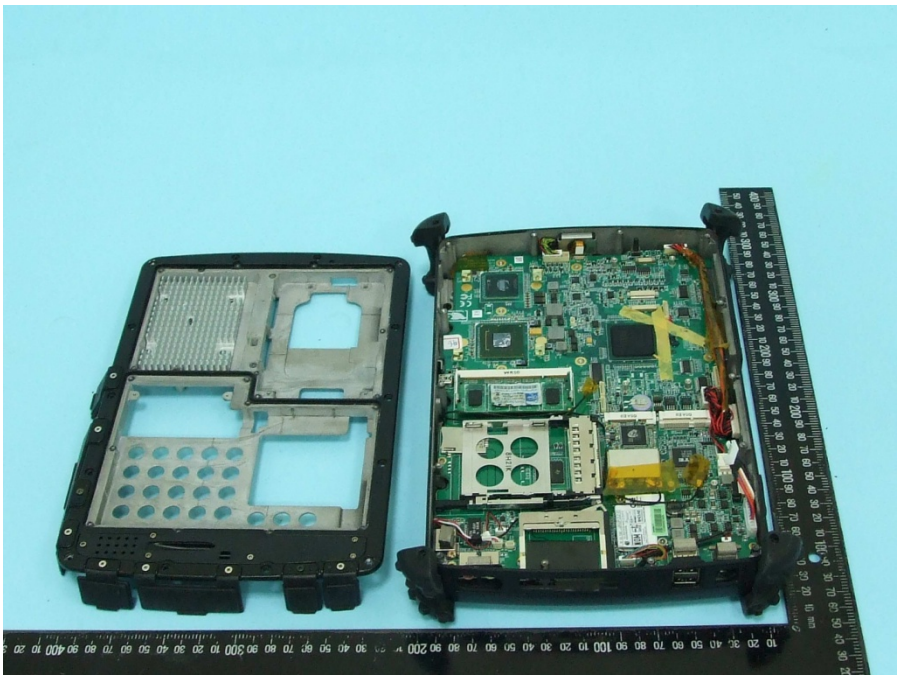
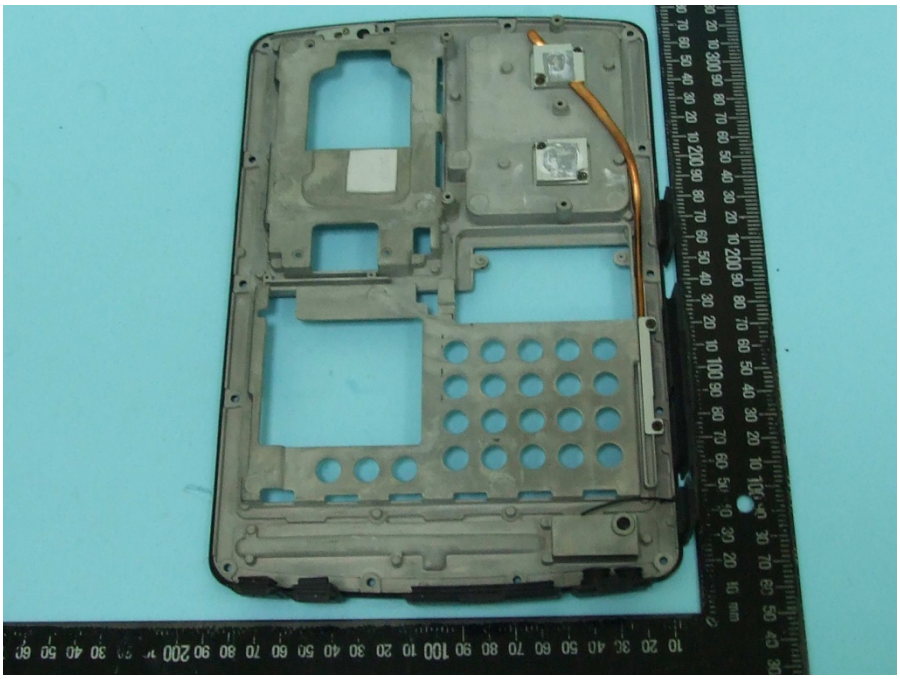
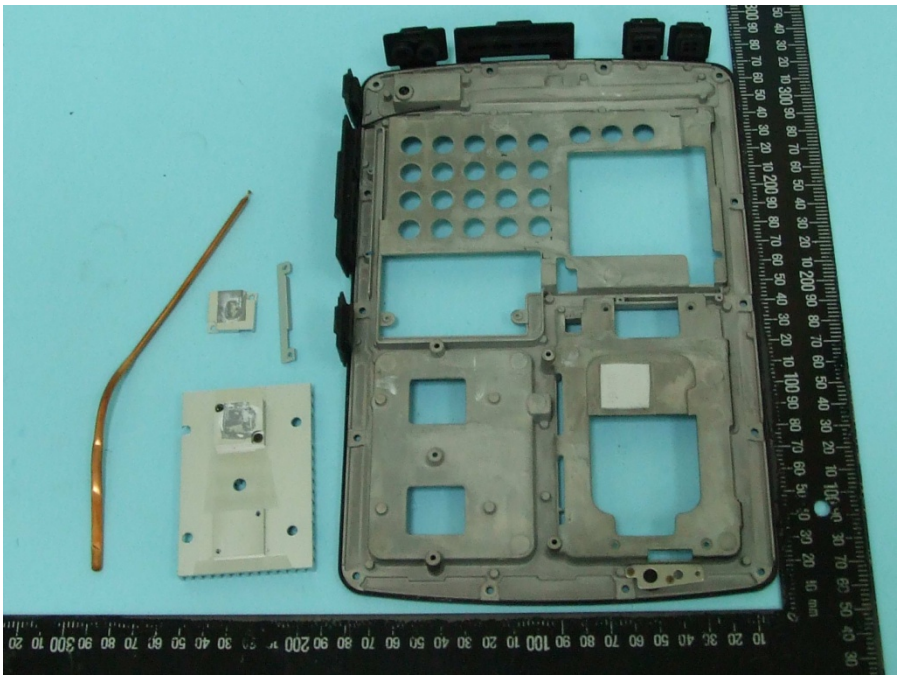
N3565
WDT – 771672(B)
WD Scorpio® Blue™

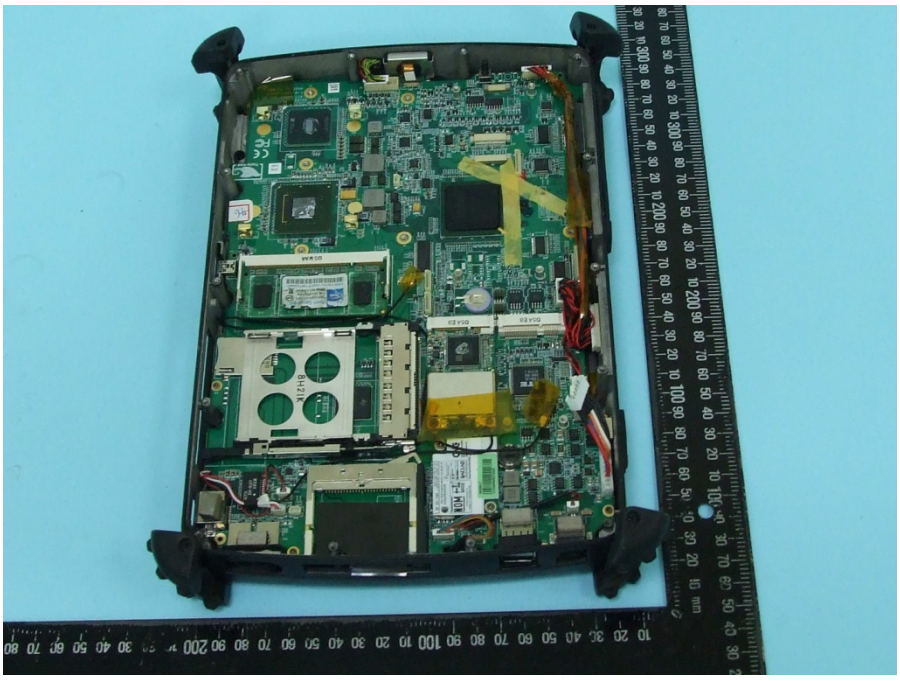


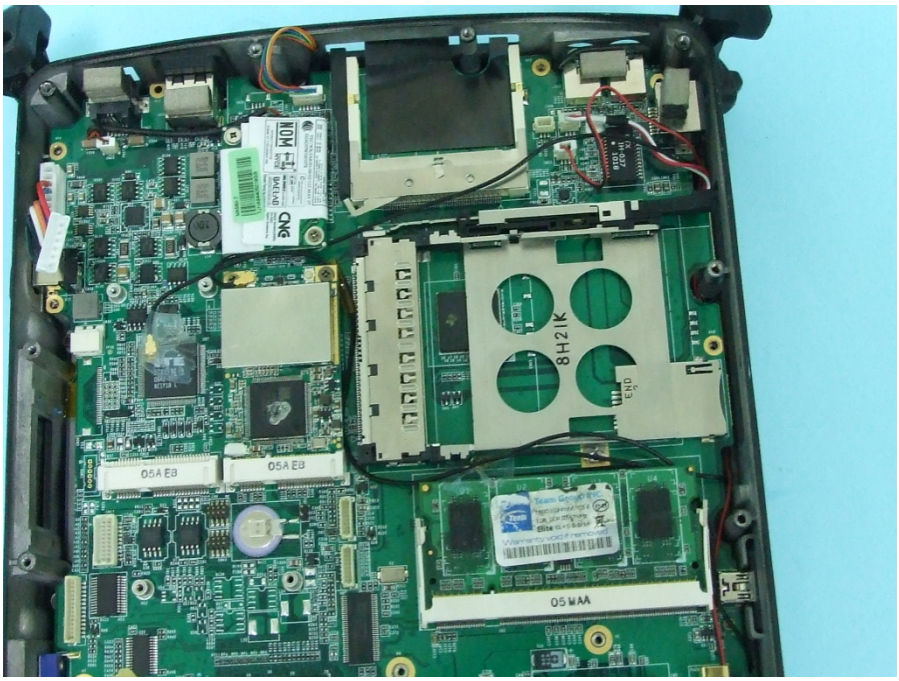








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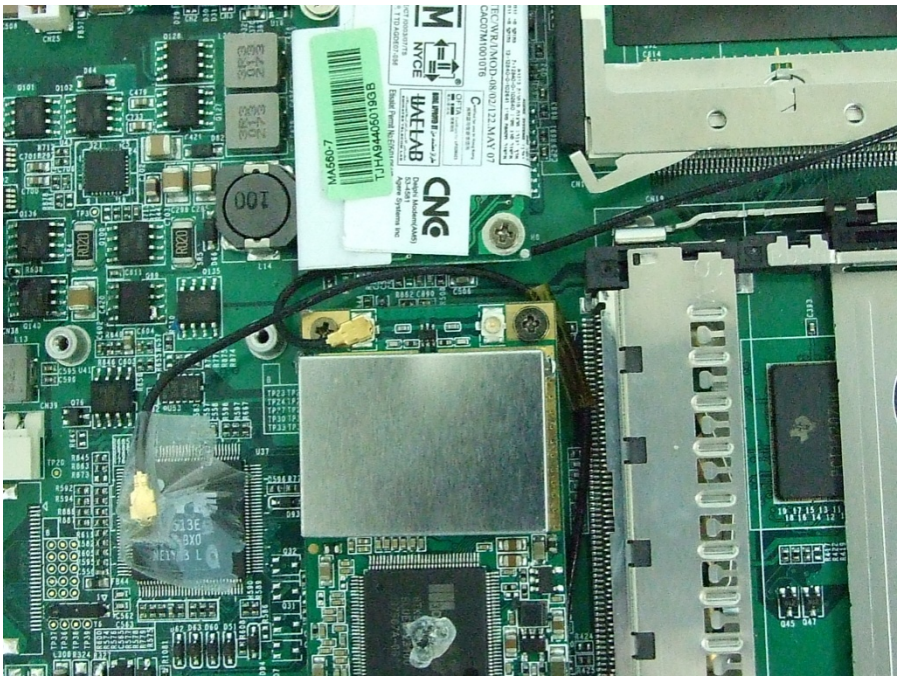
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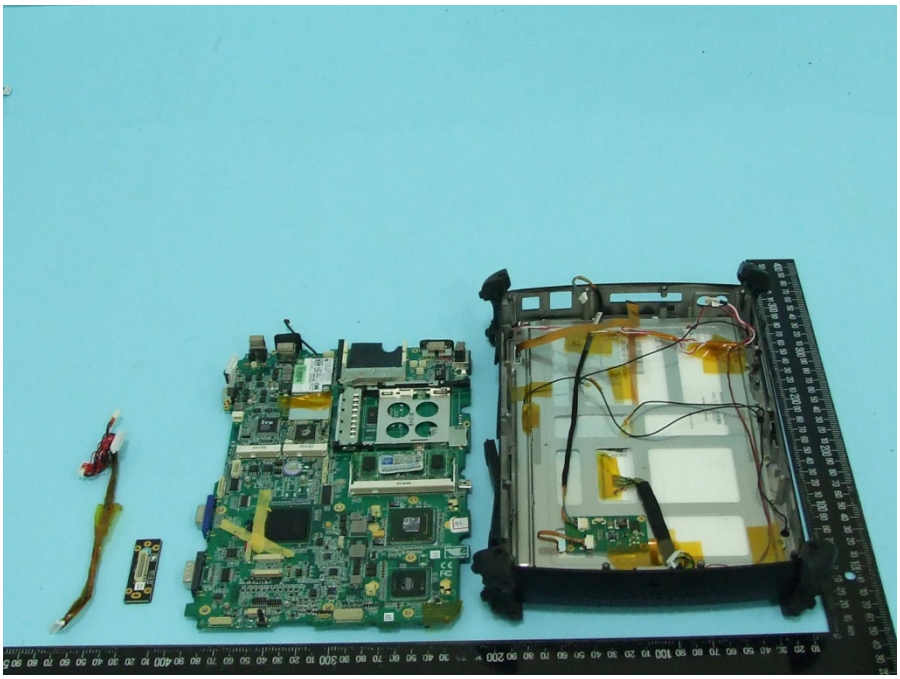

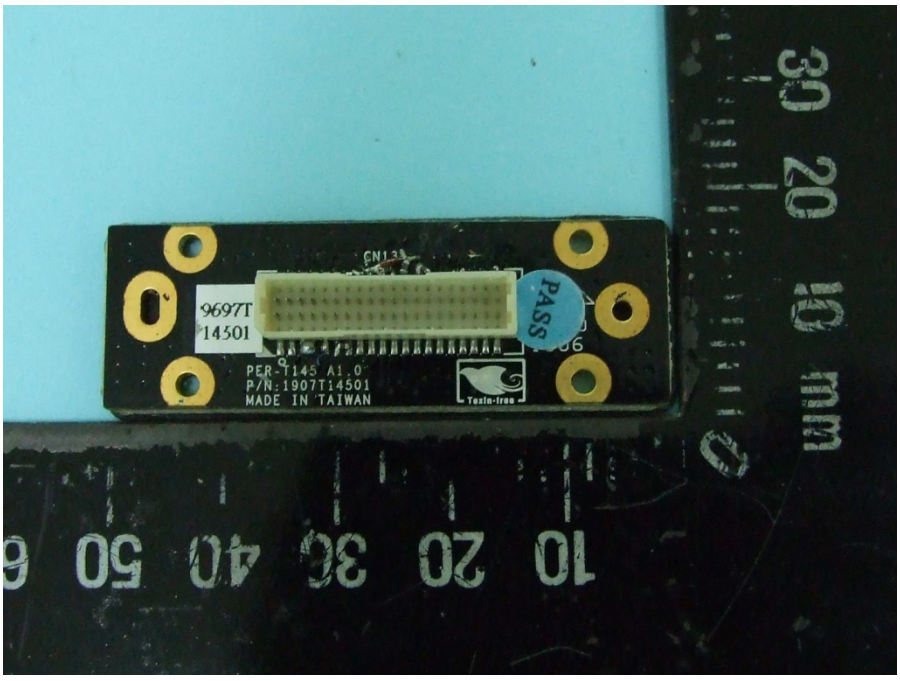
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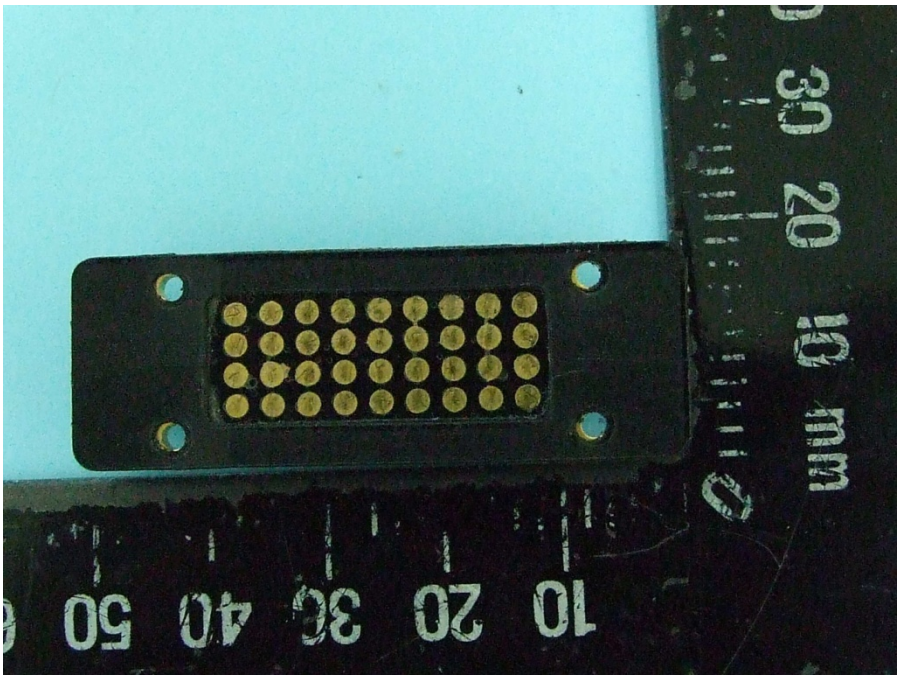

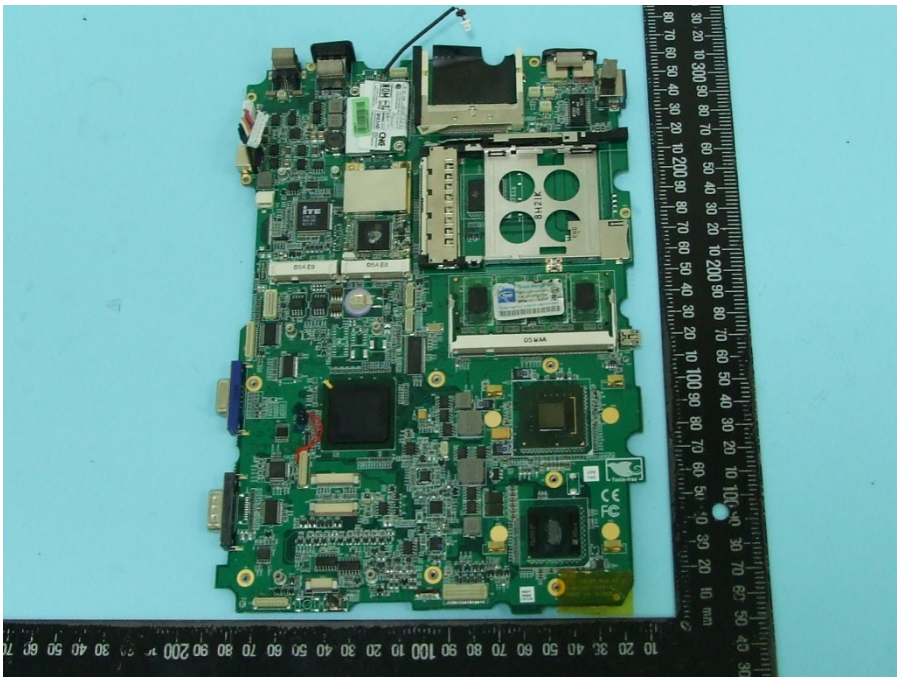

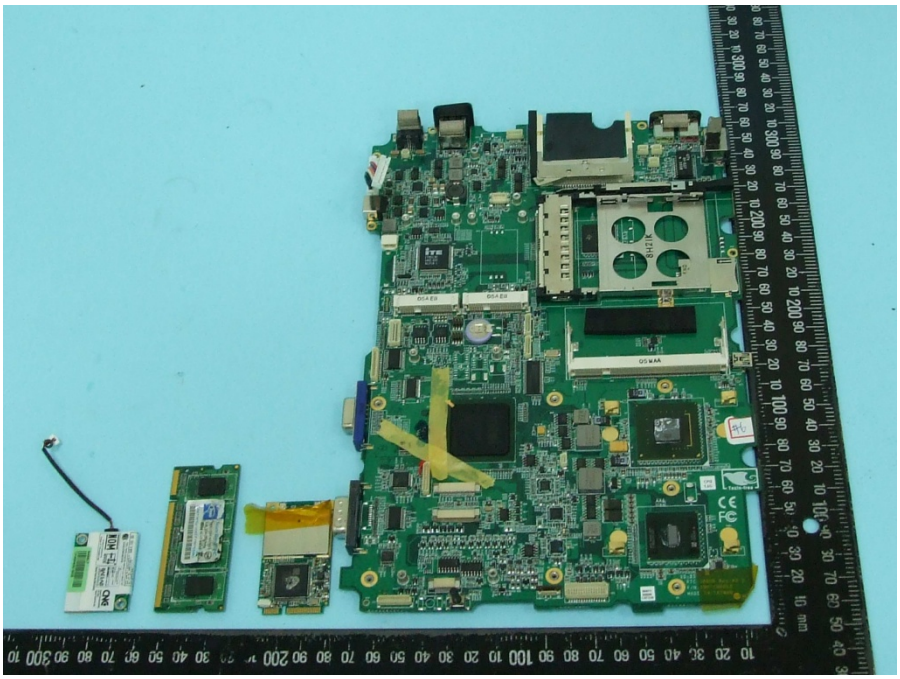

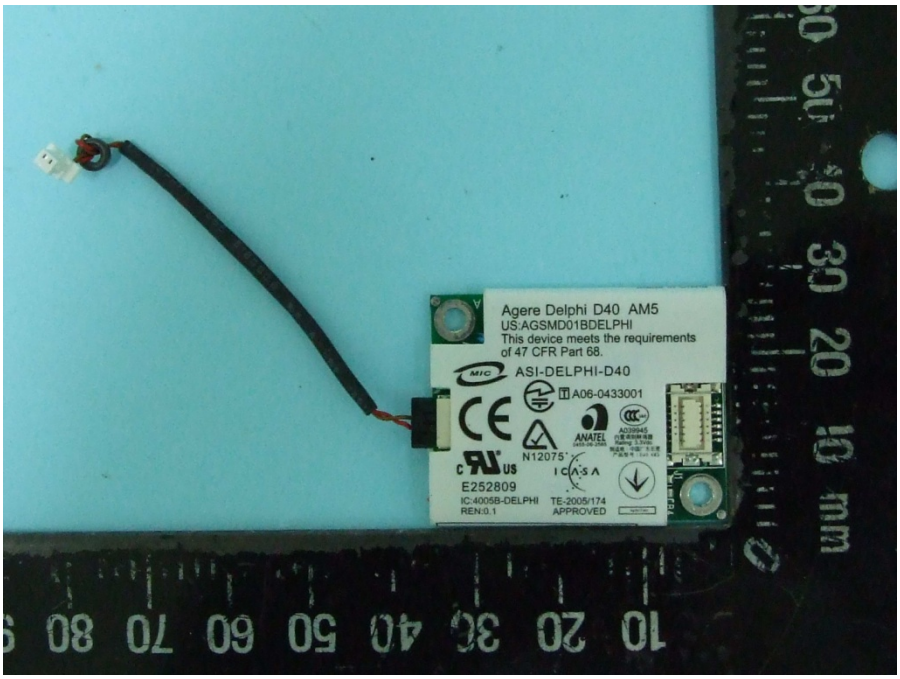
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APPROVED


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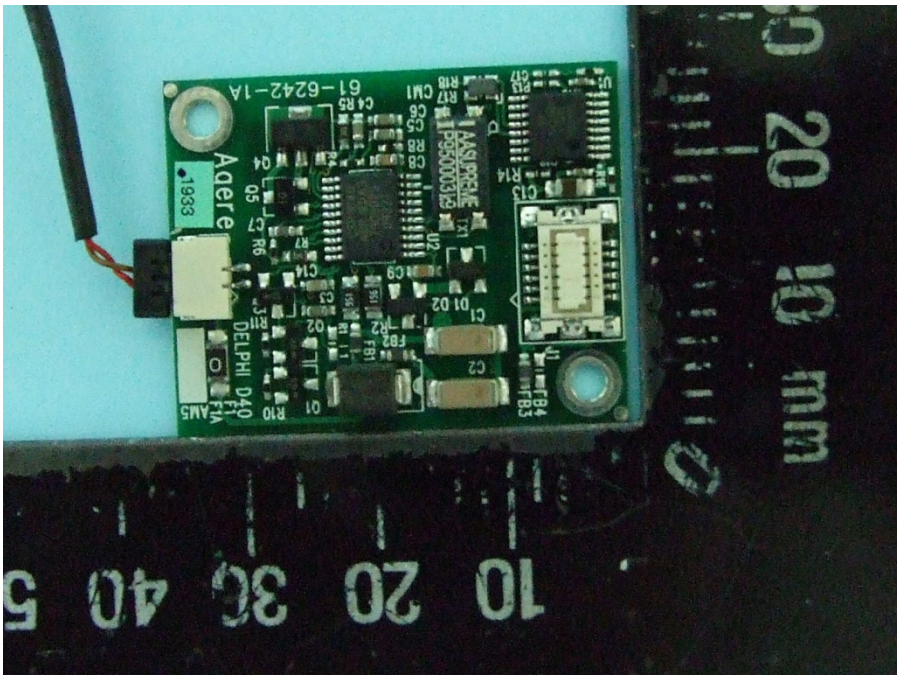
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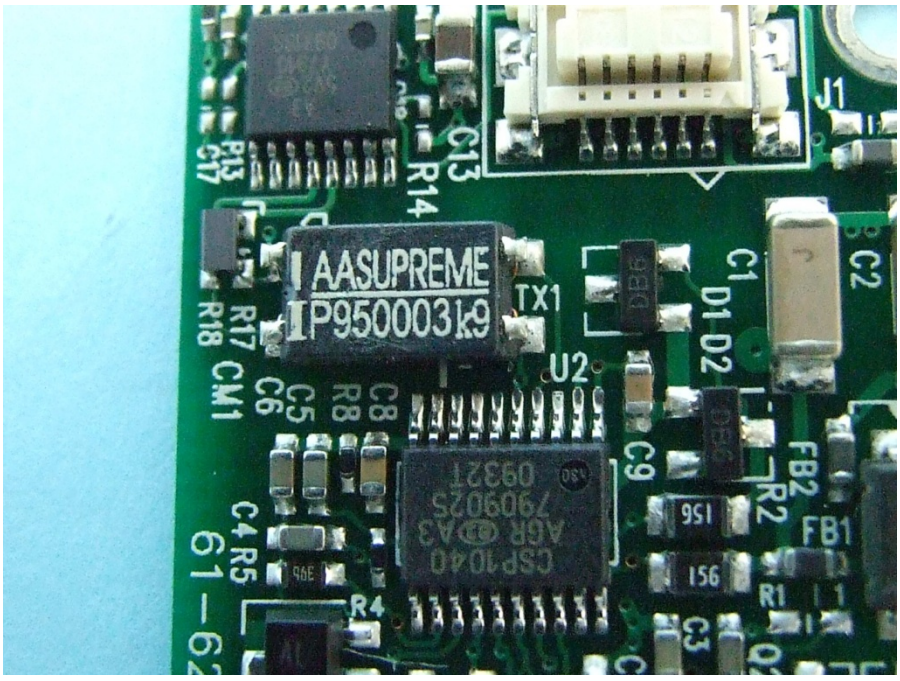
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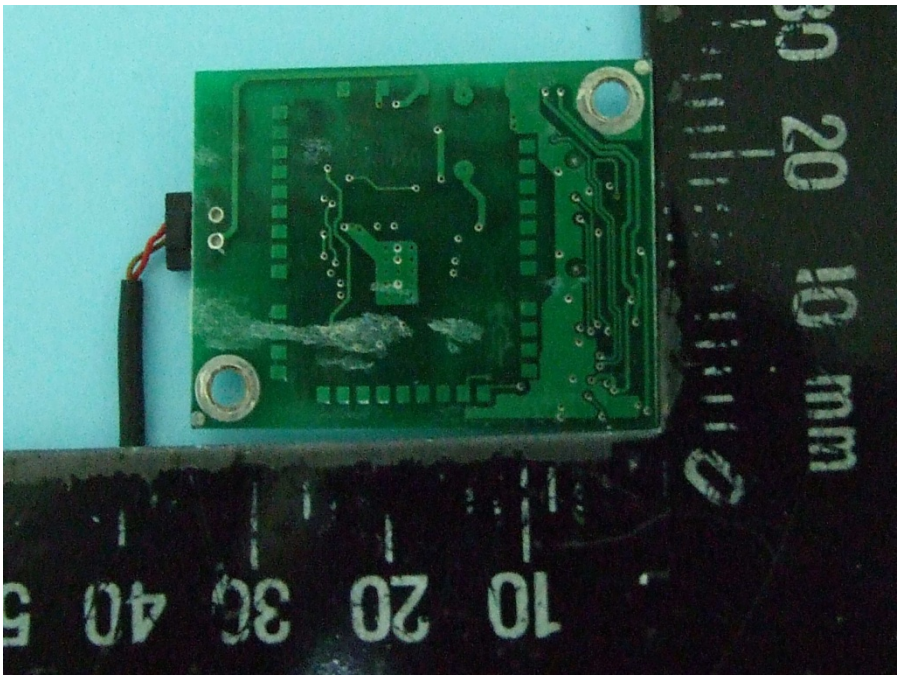

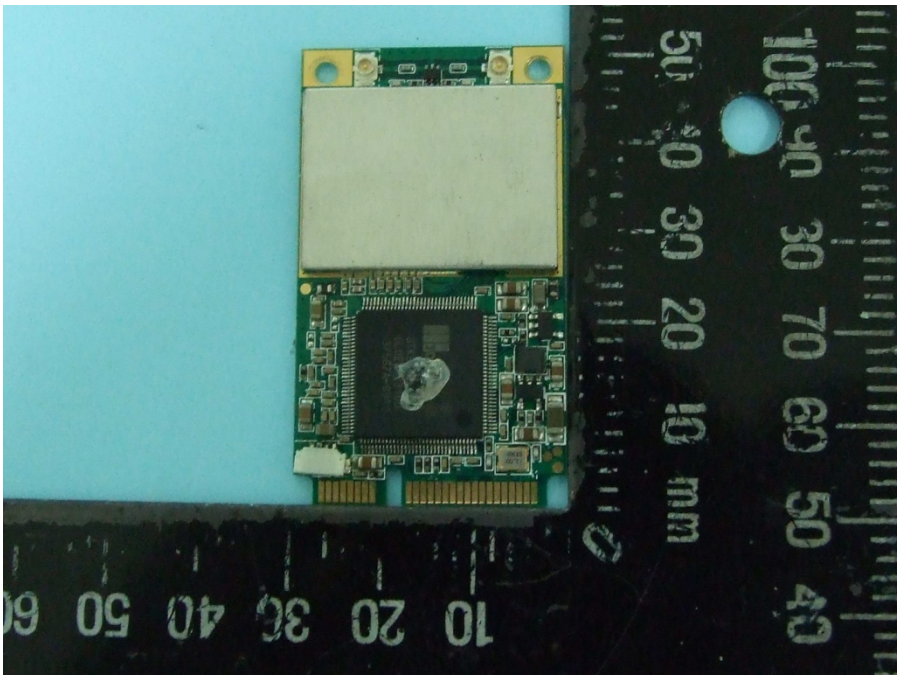

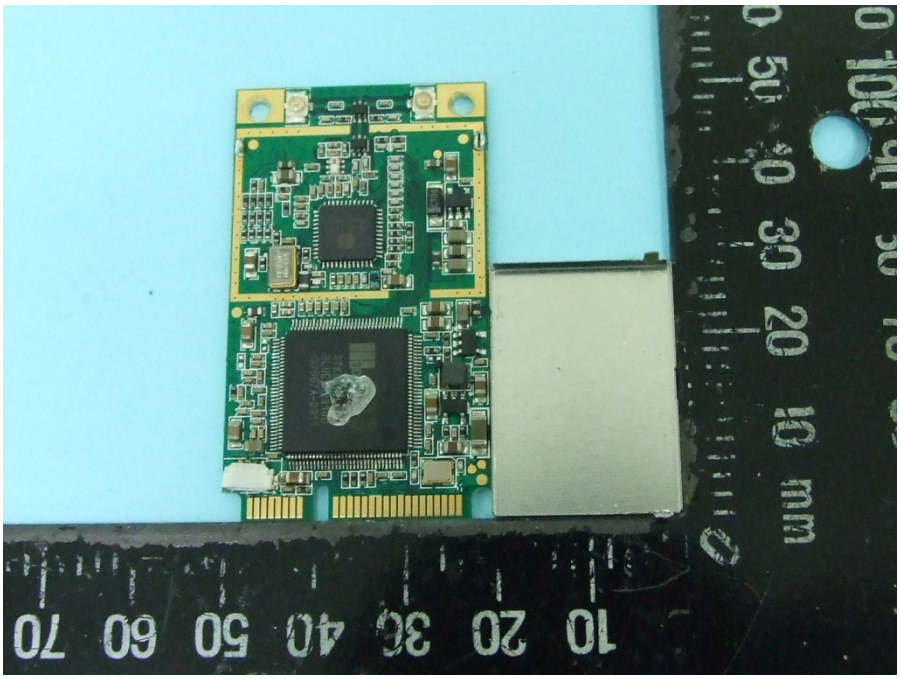

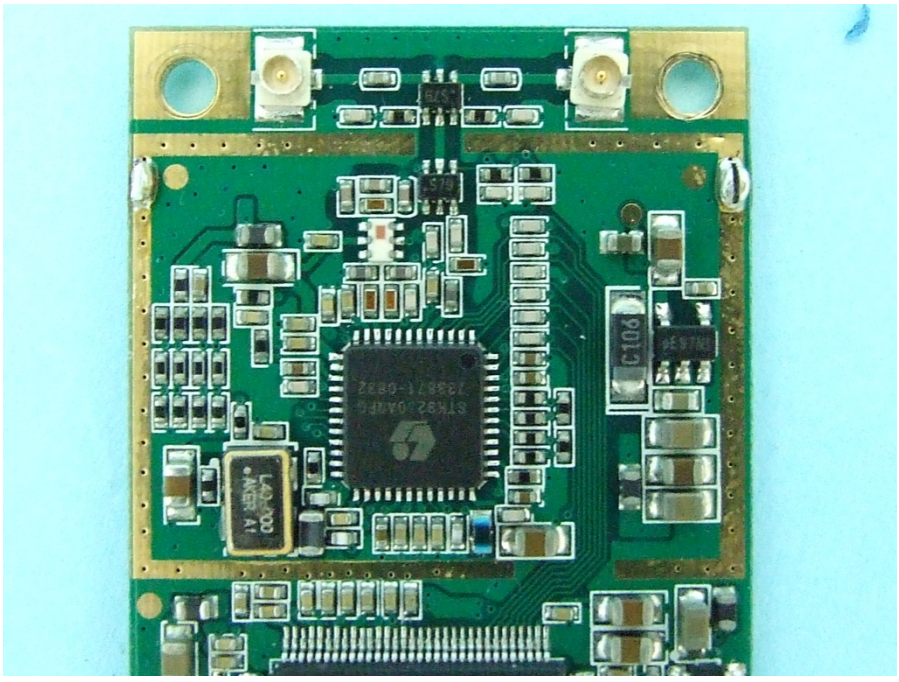

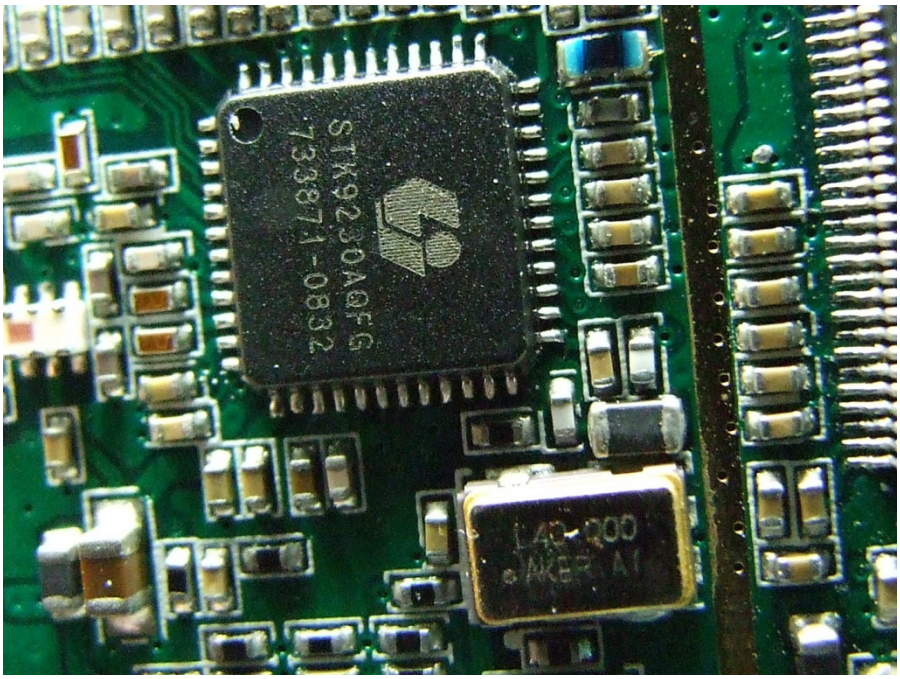
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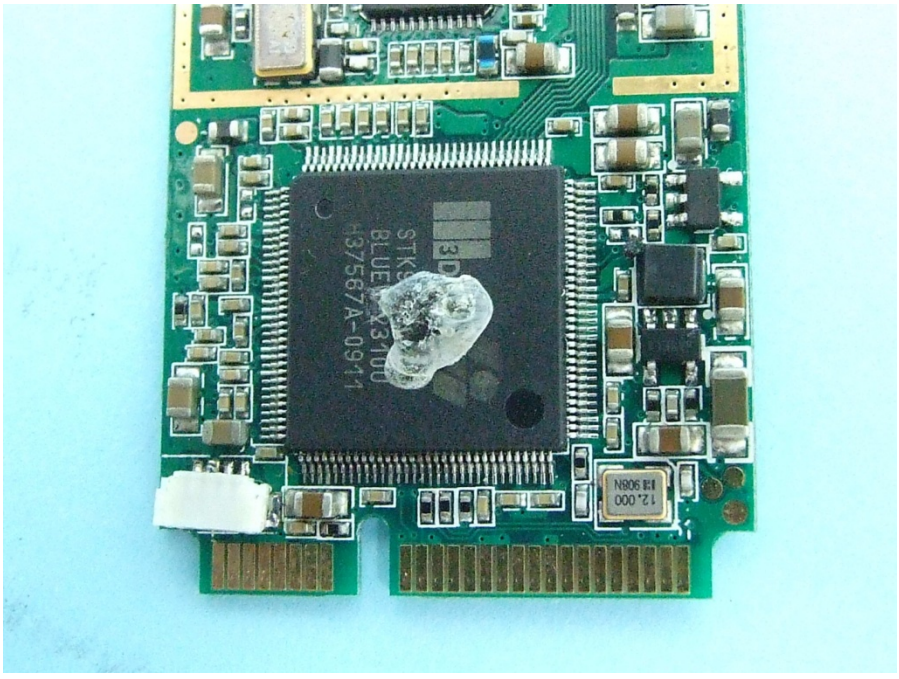
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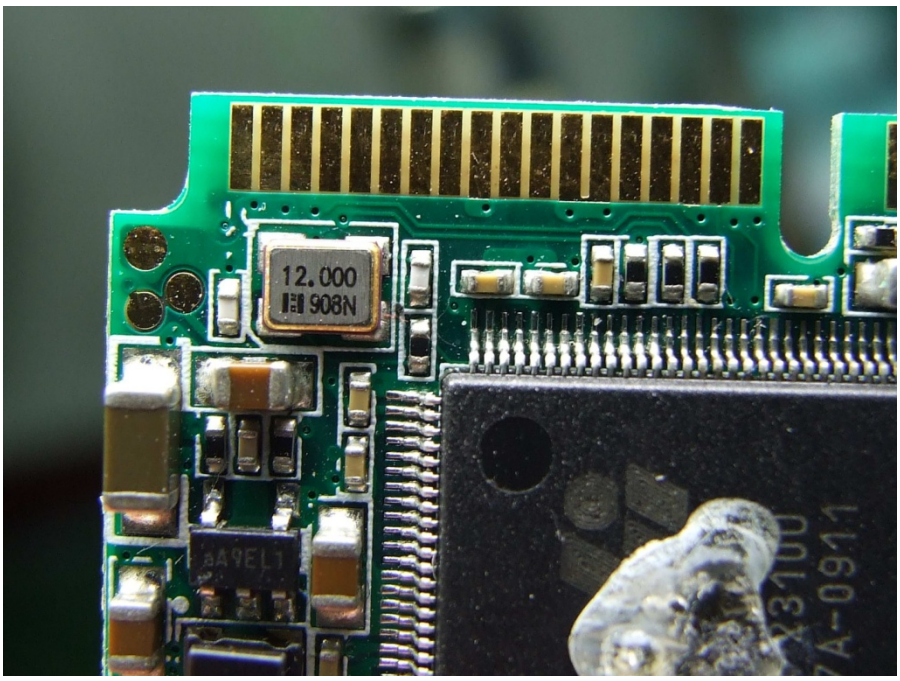
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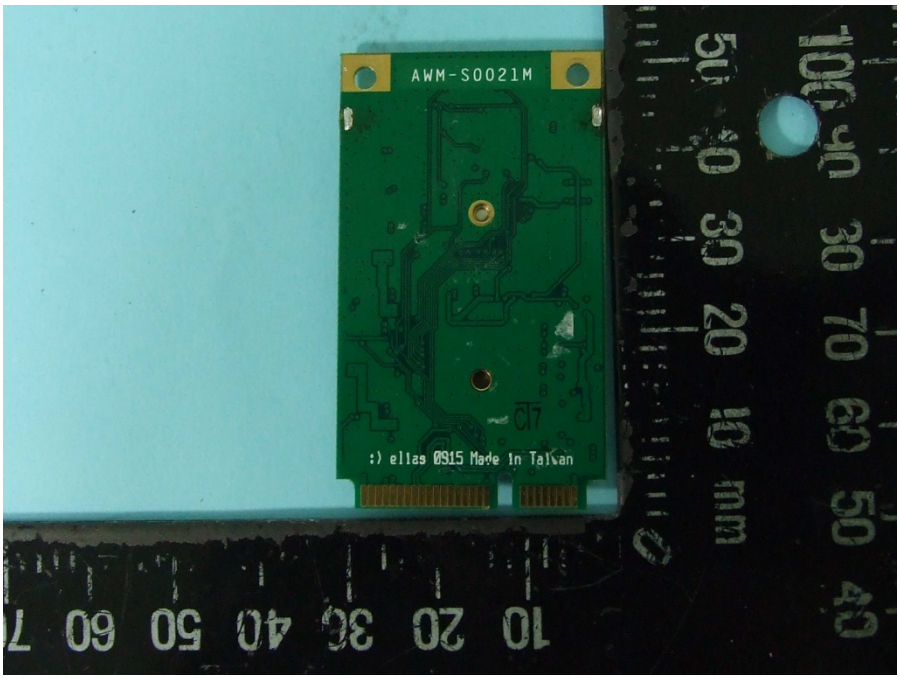
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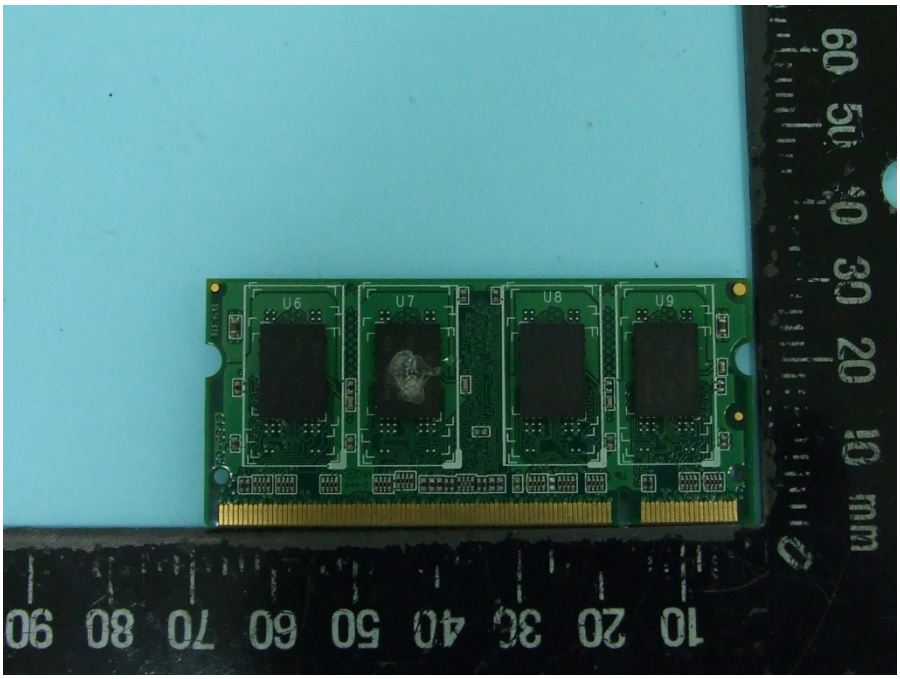
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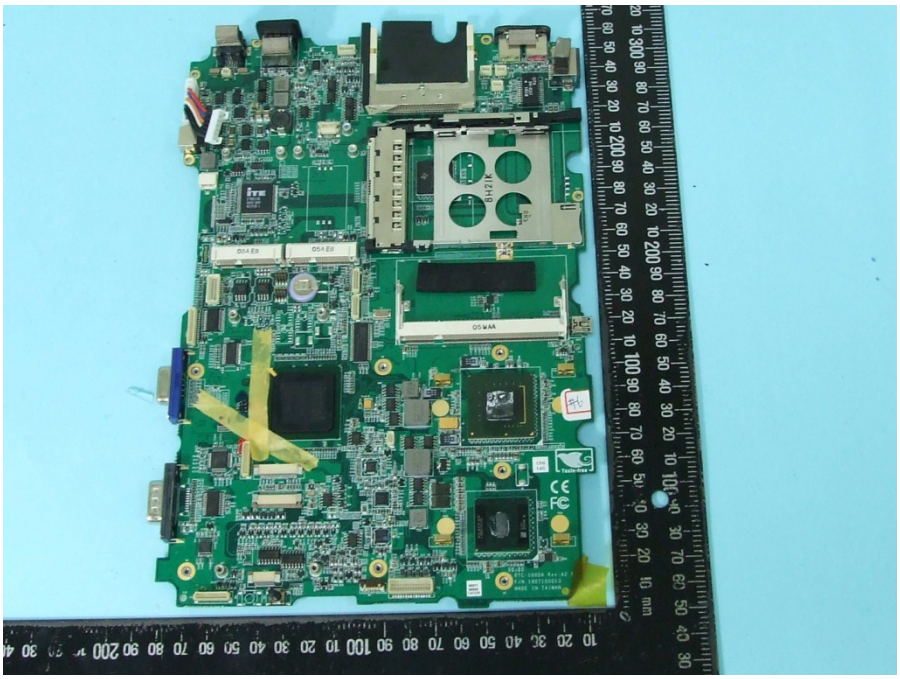

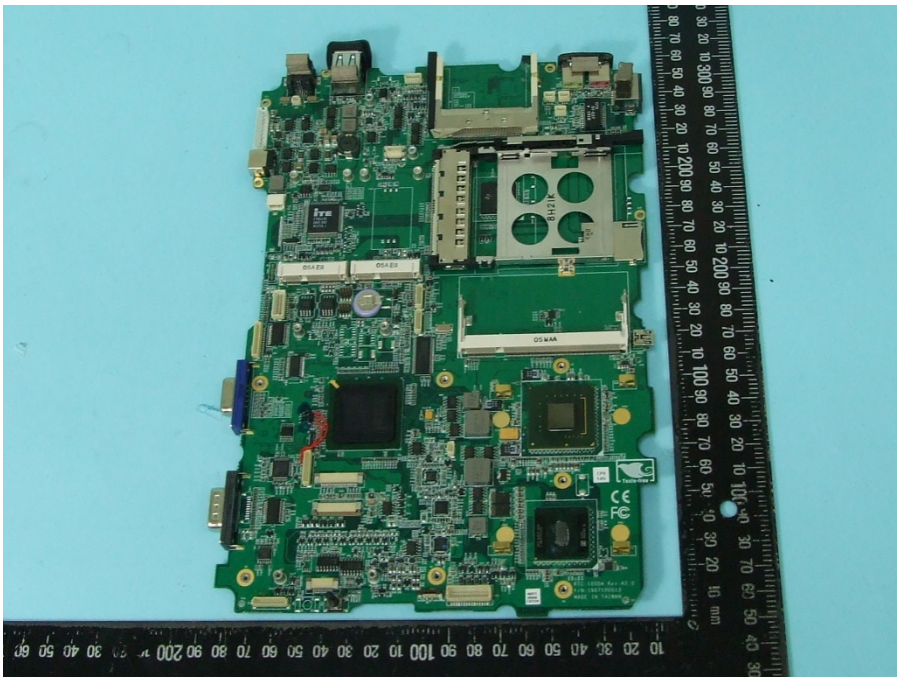

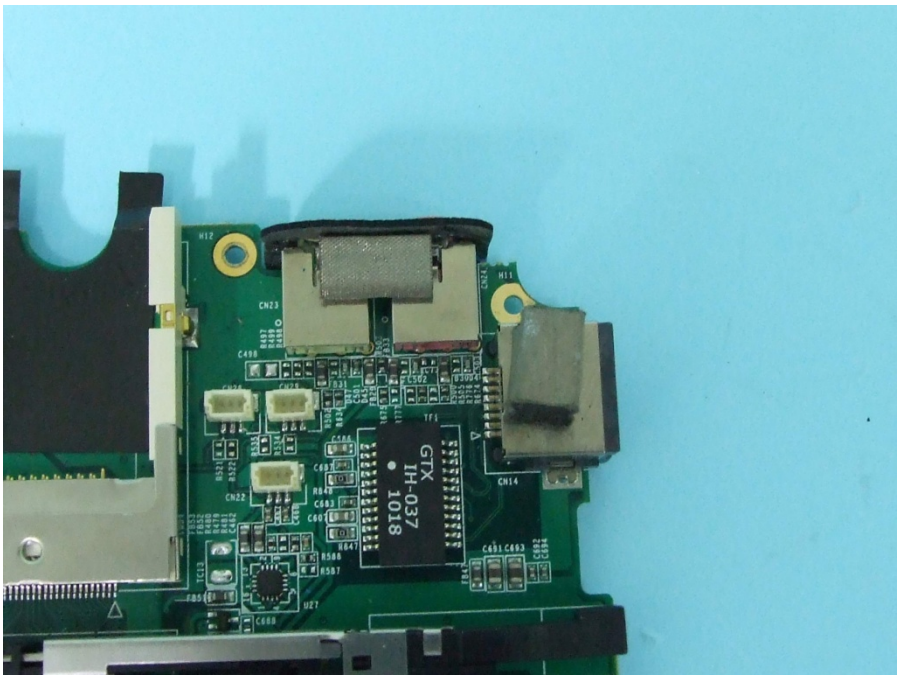
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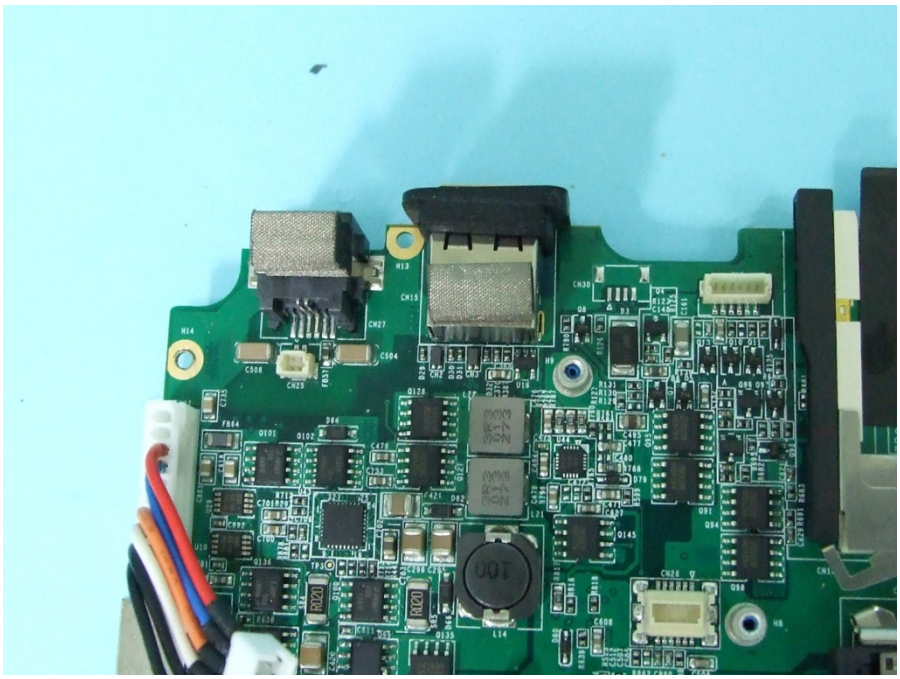


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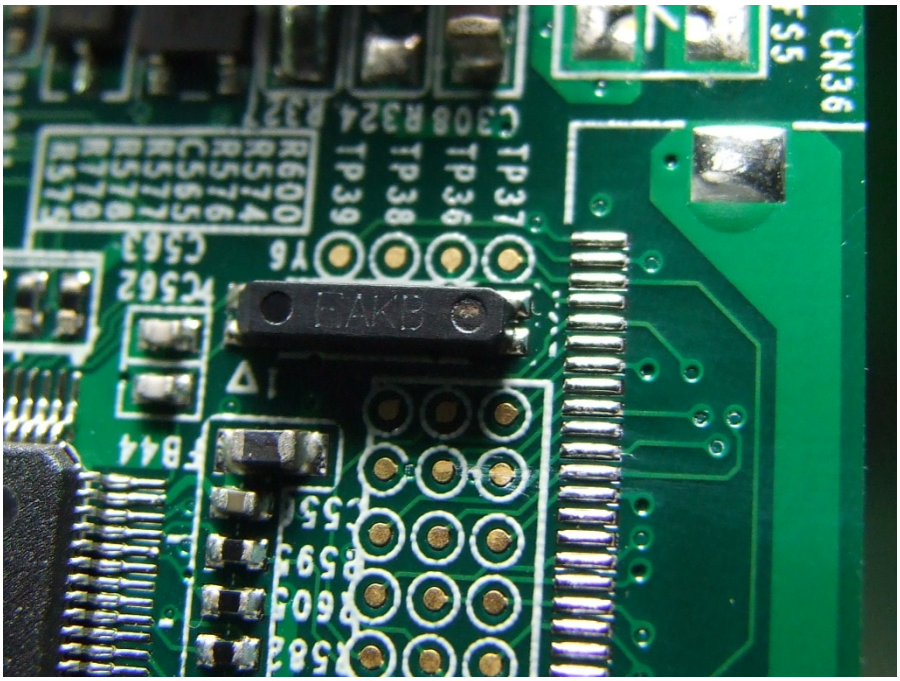
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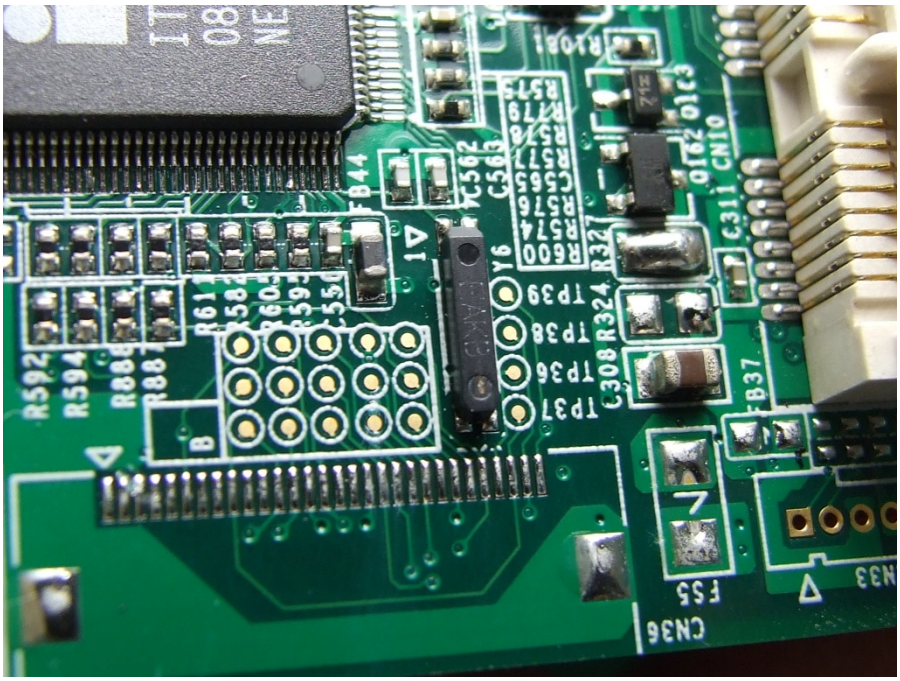

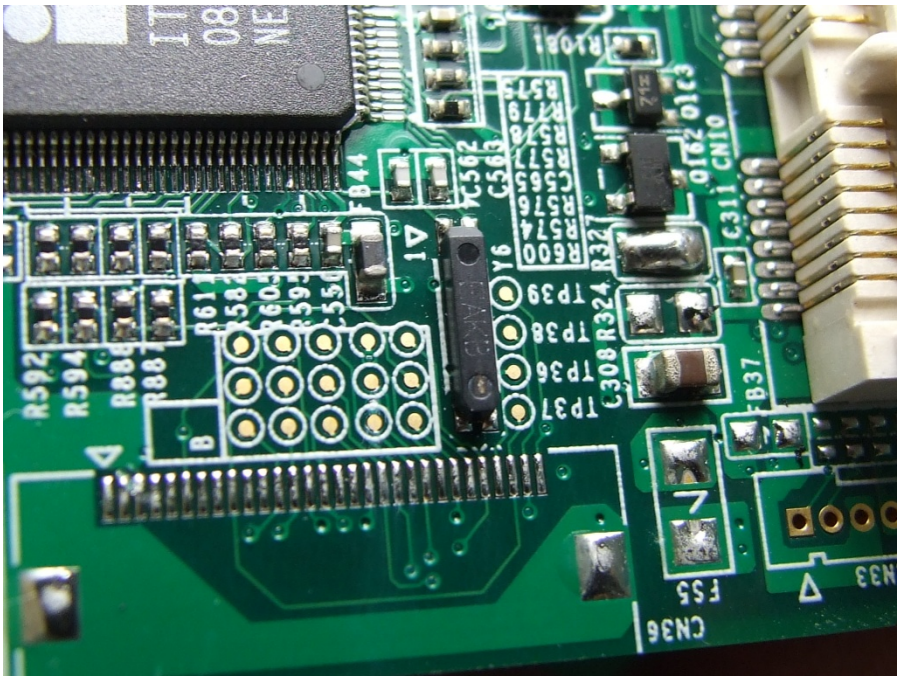

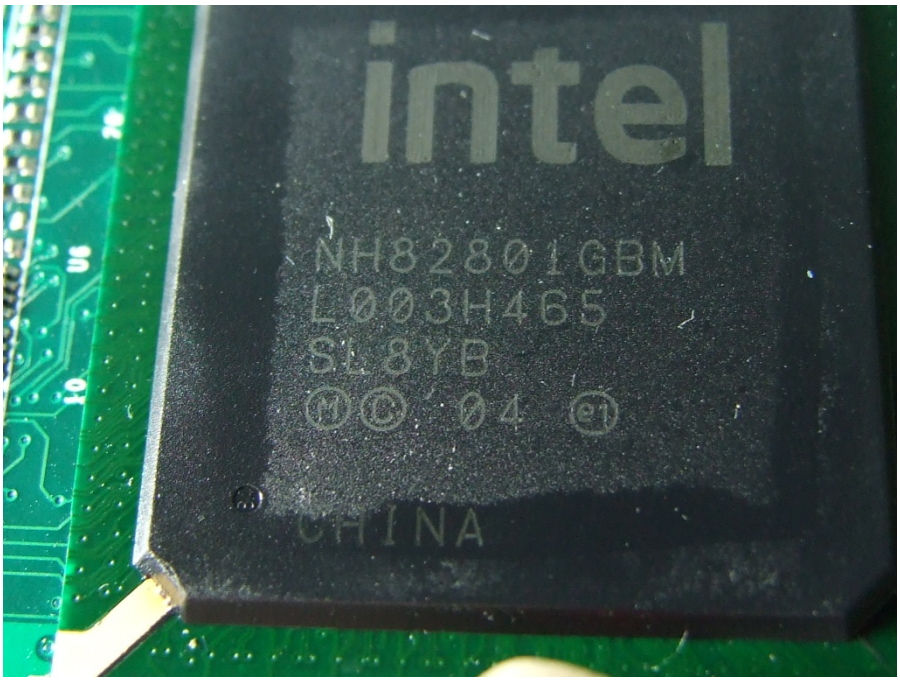
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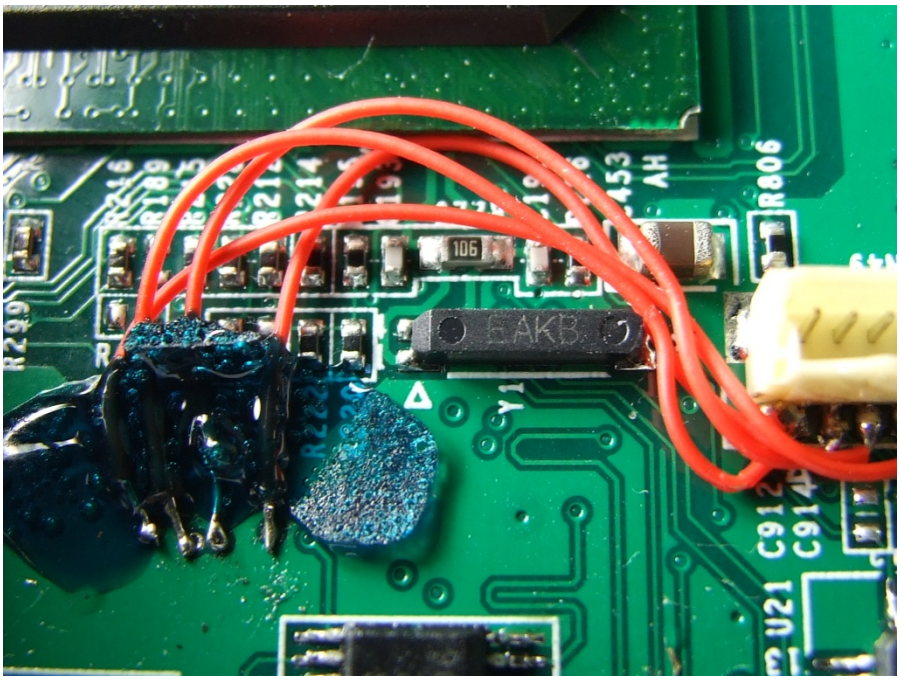
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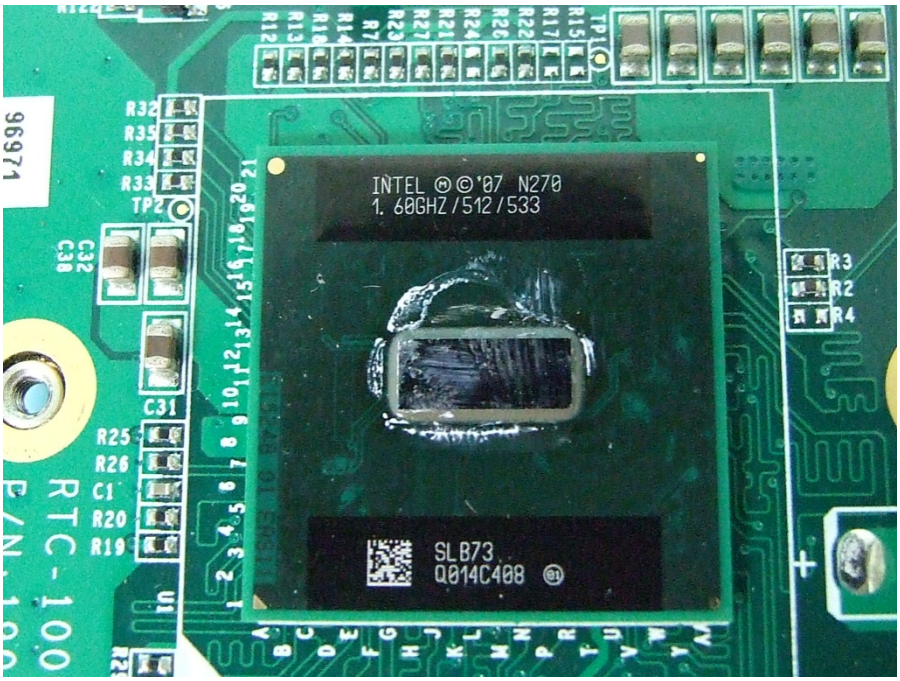
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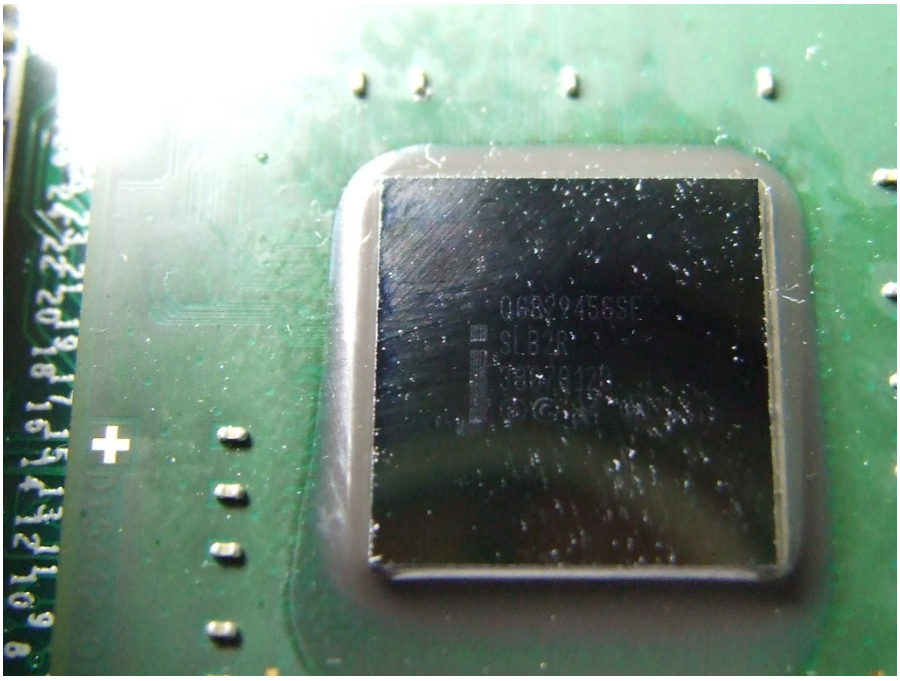

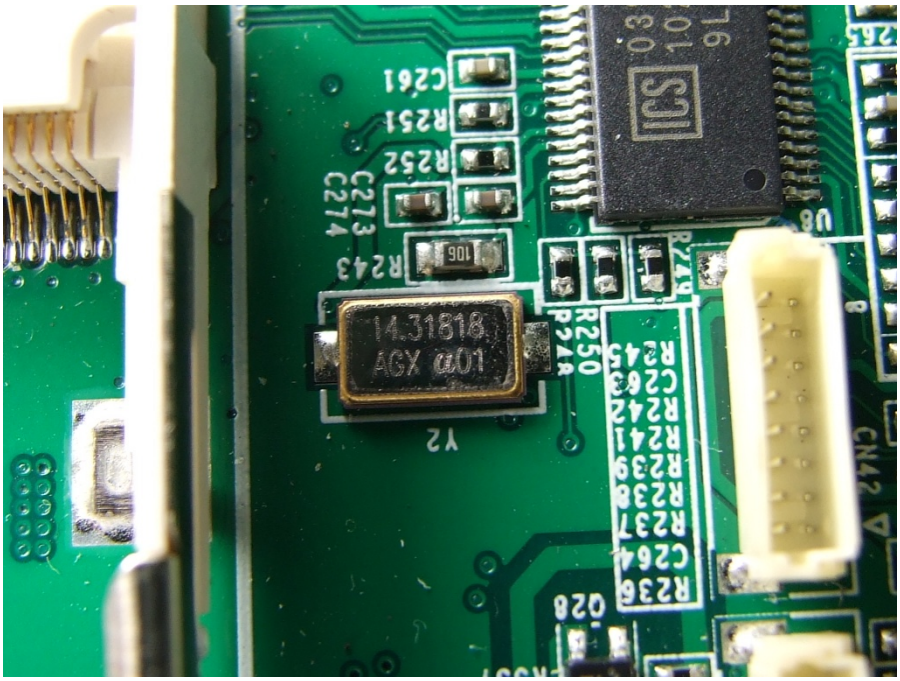
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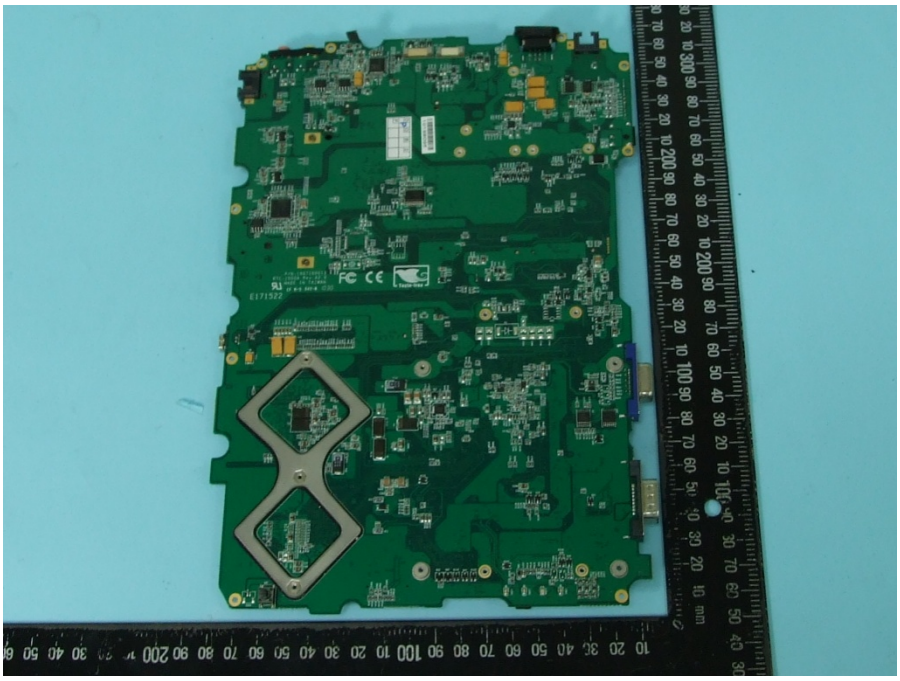

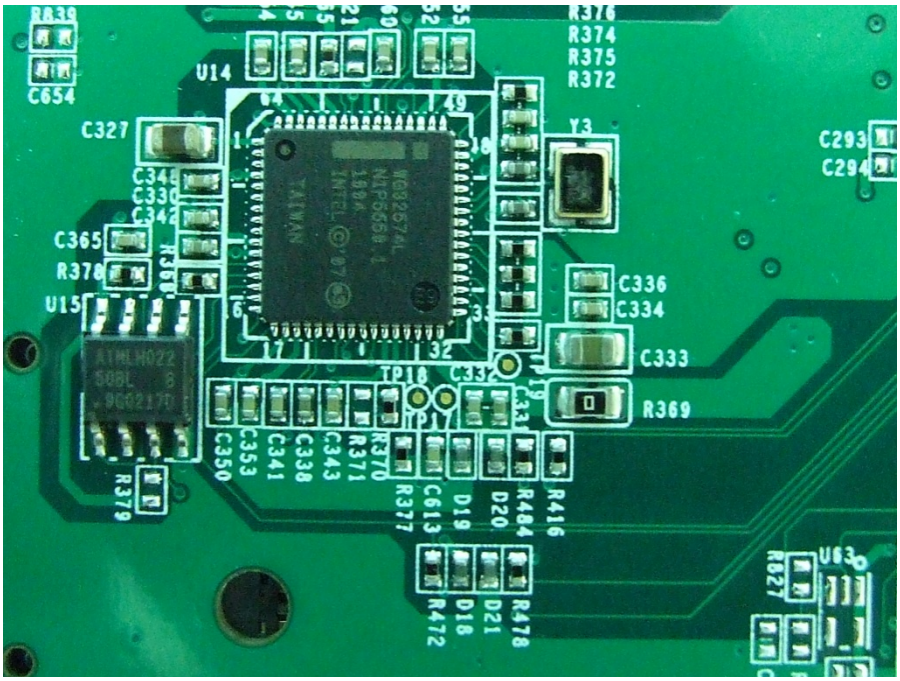
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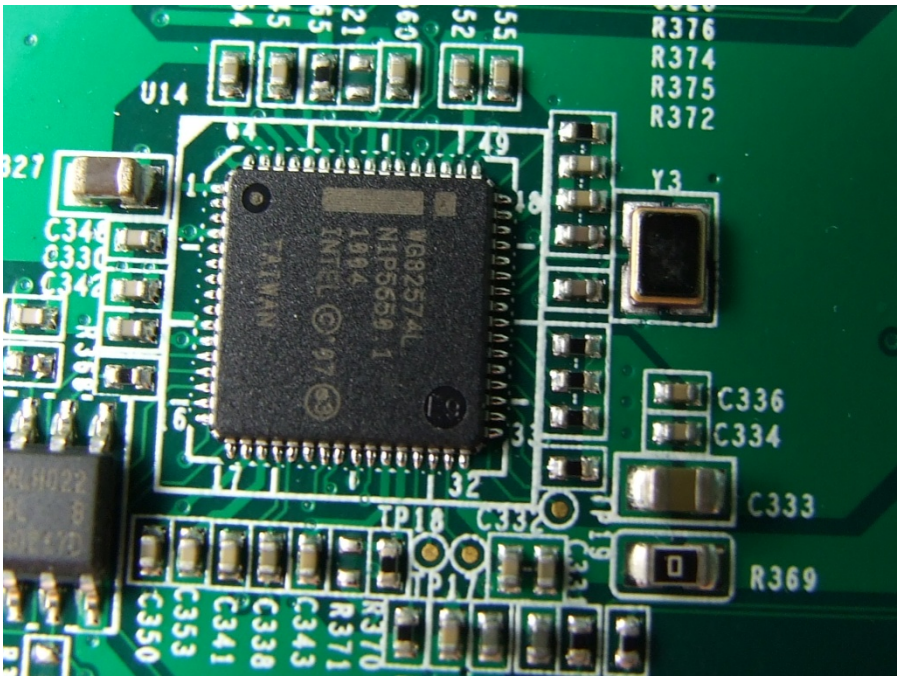
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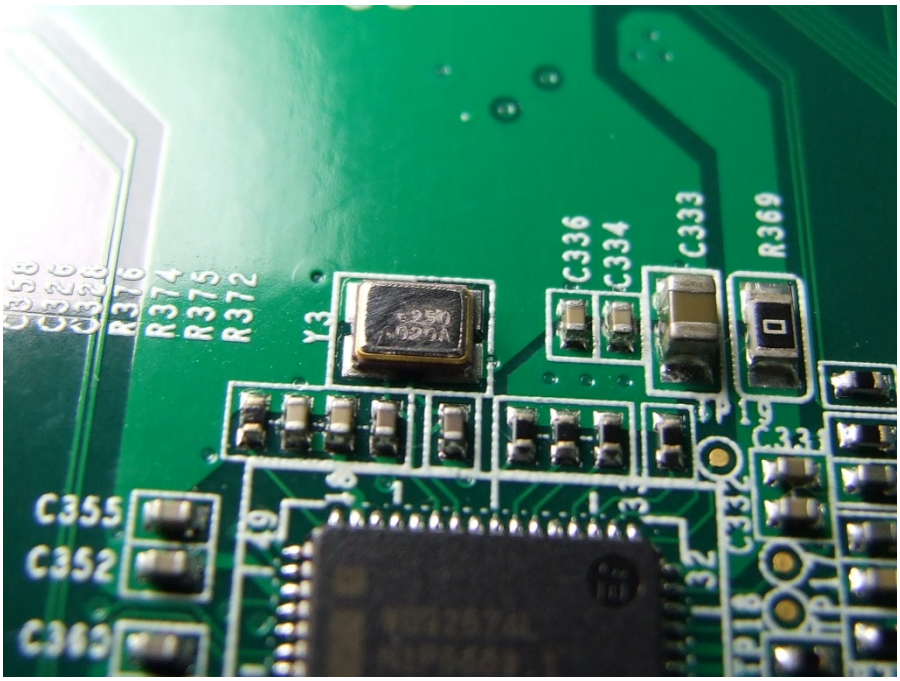
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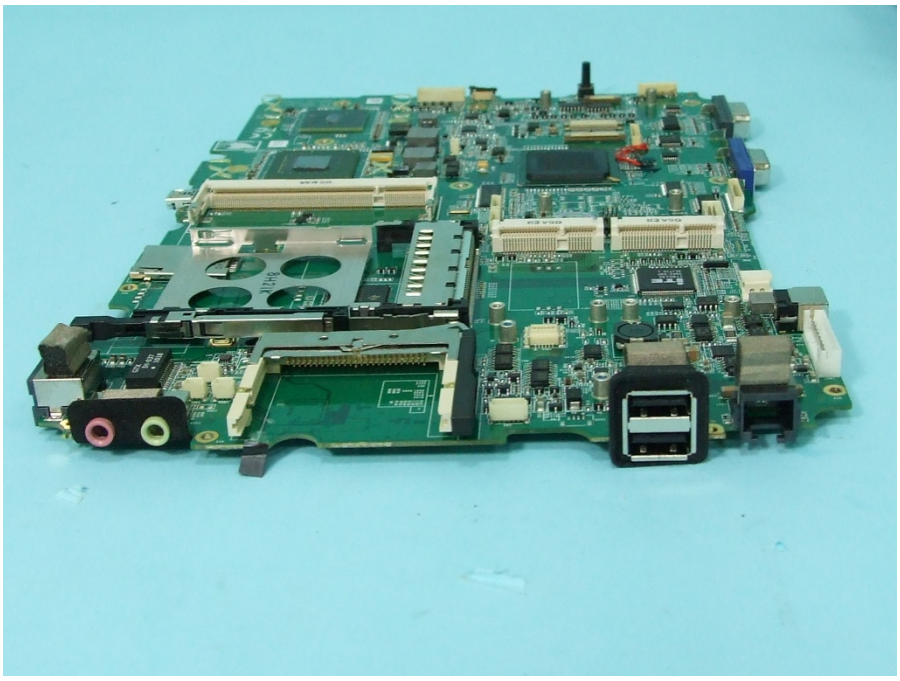

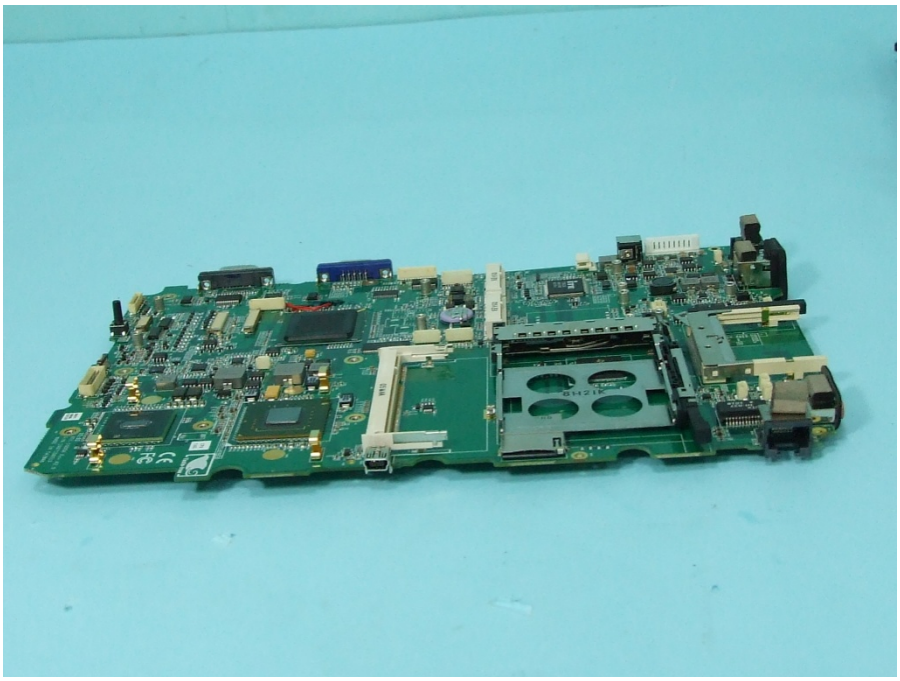

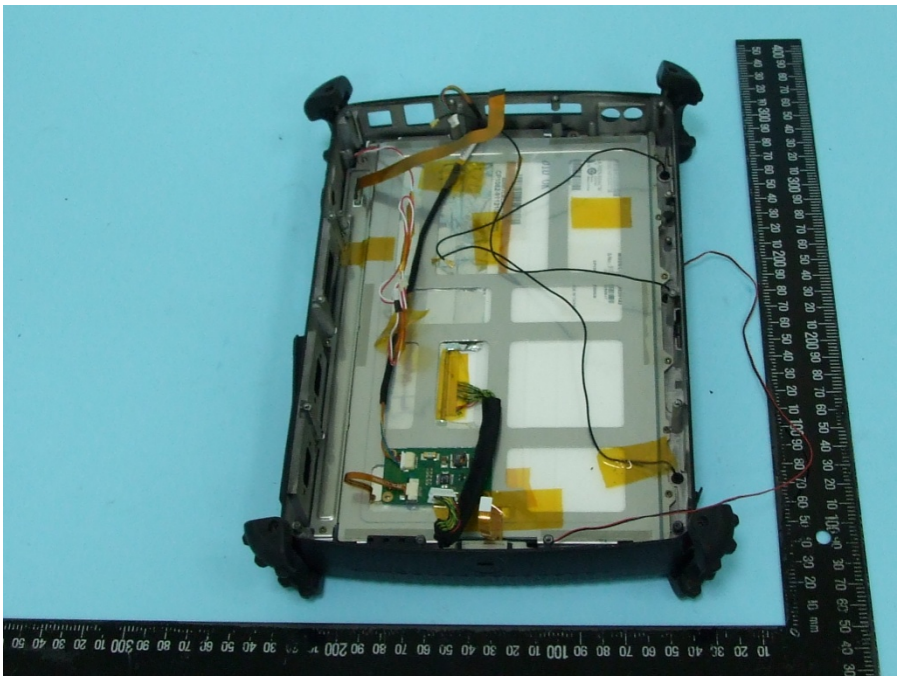

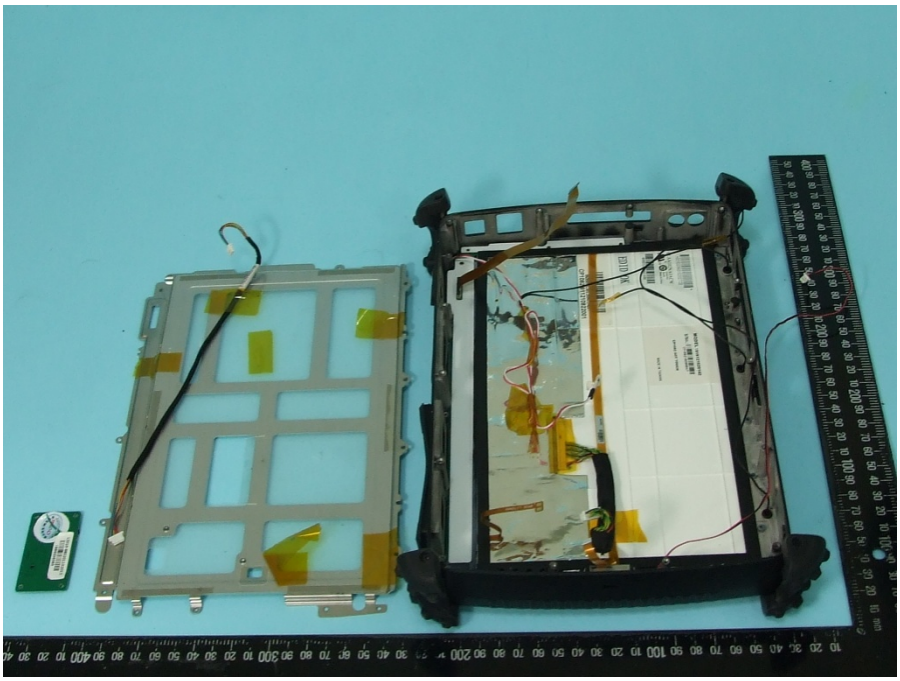

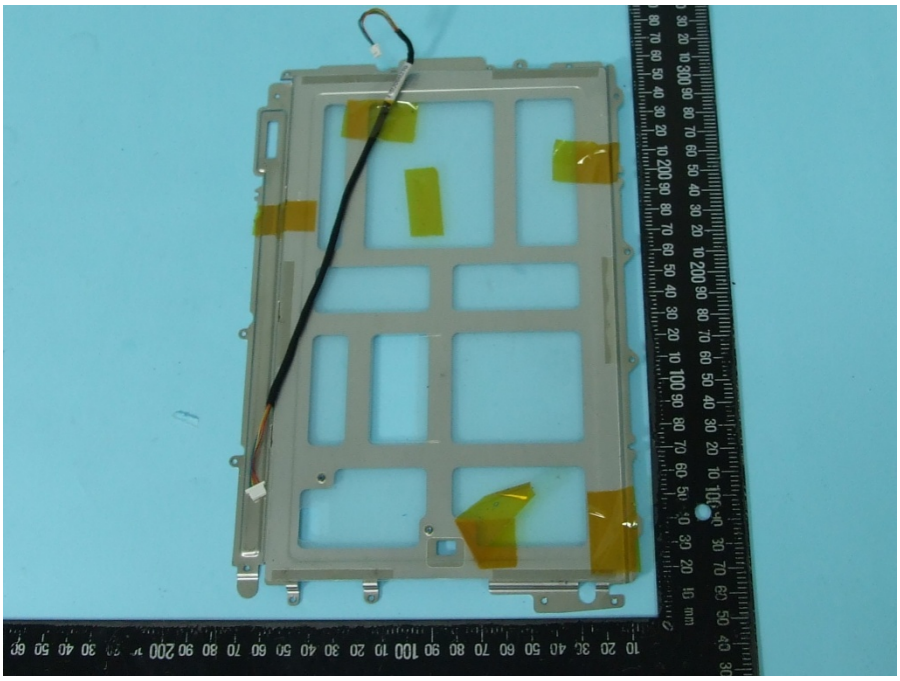

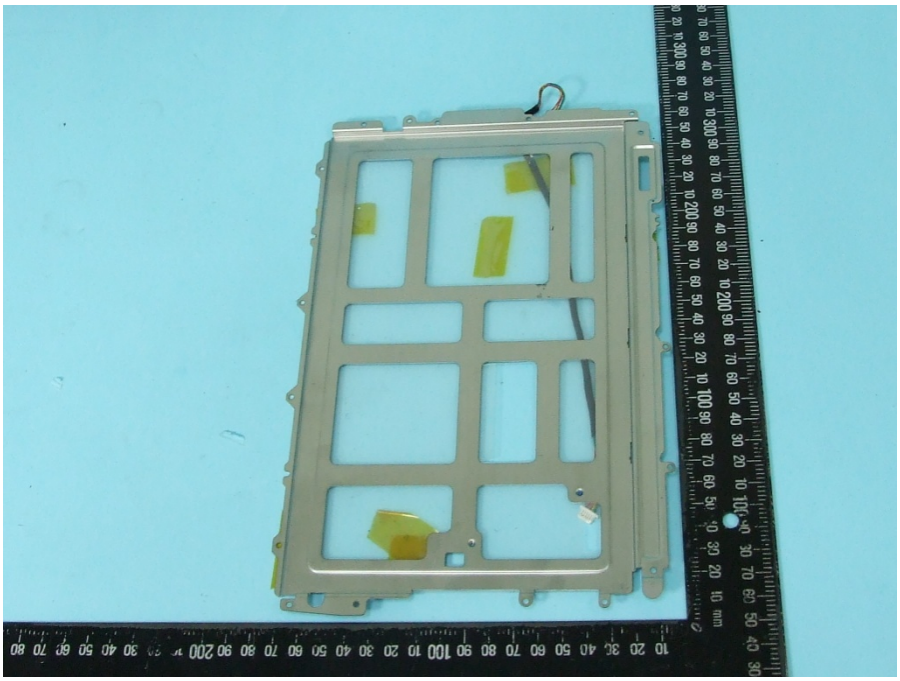

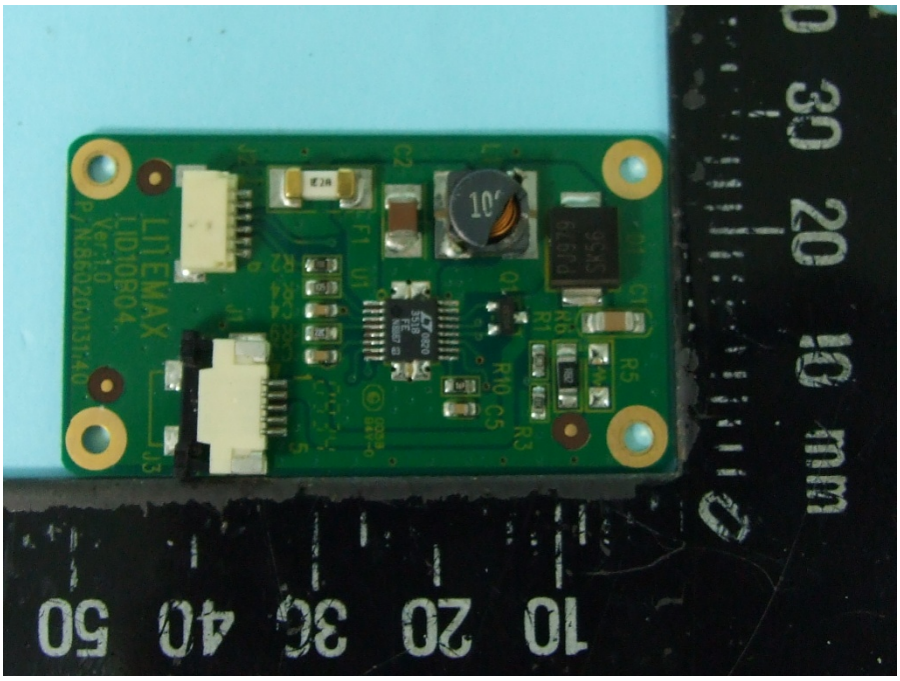
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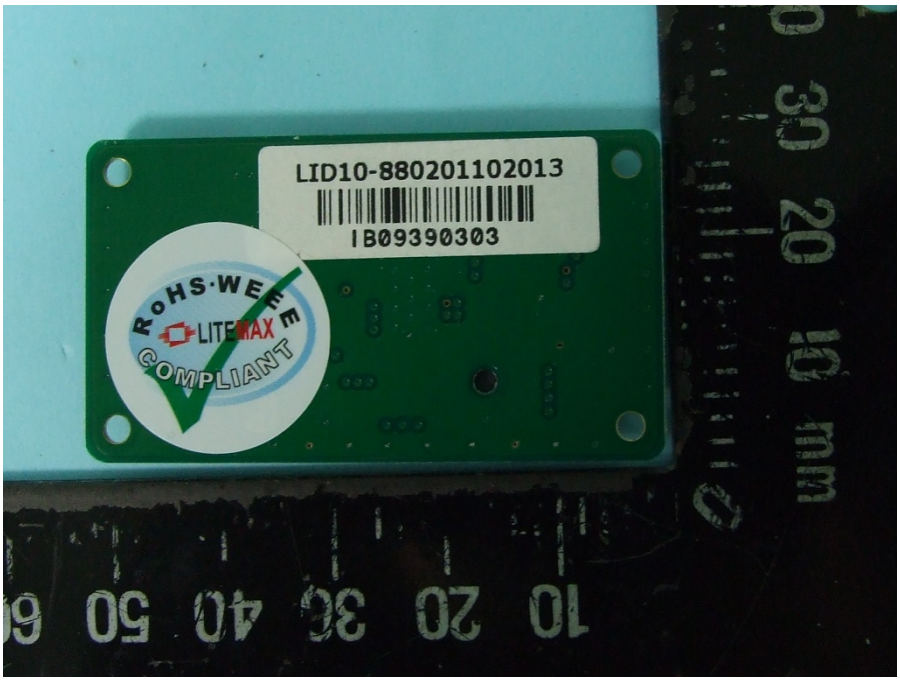
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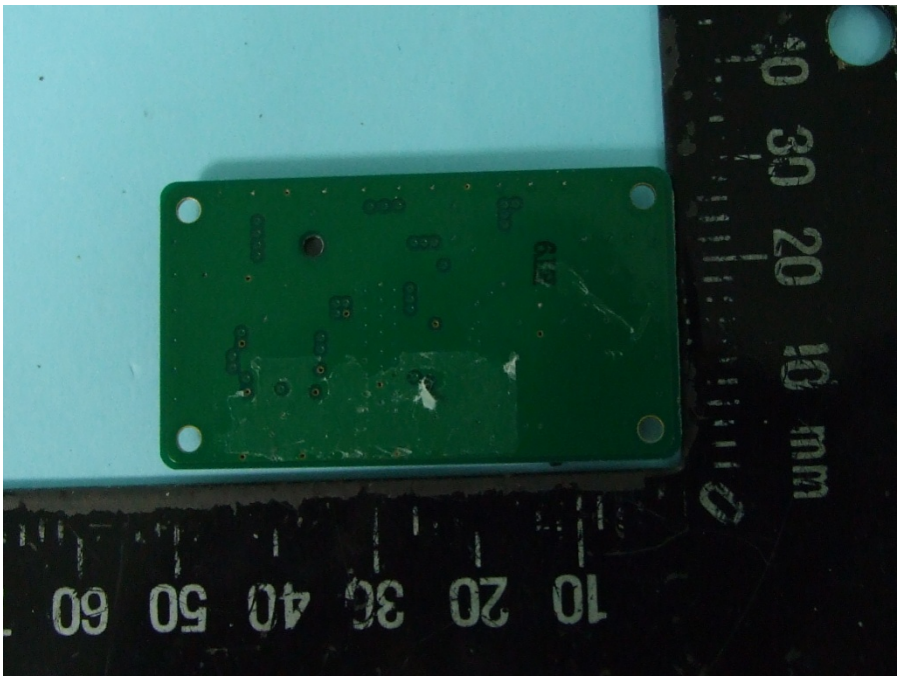

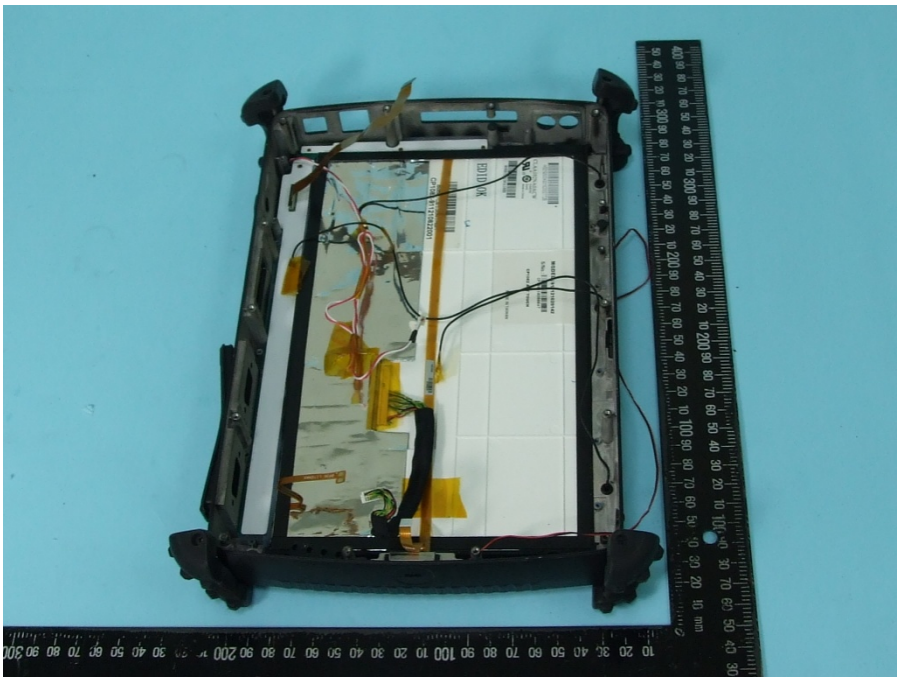

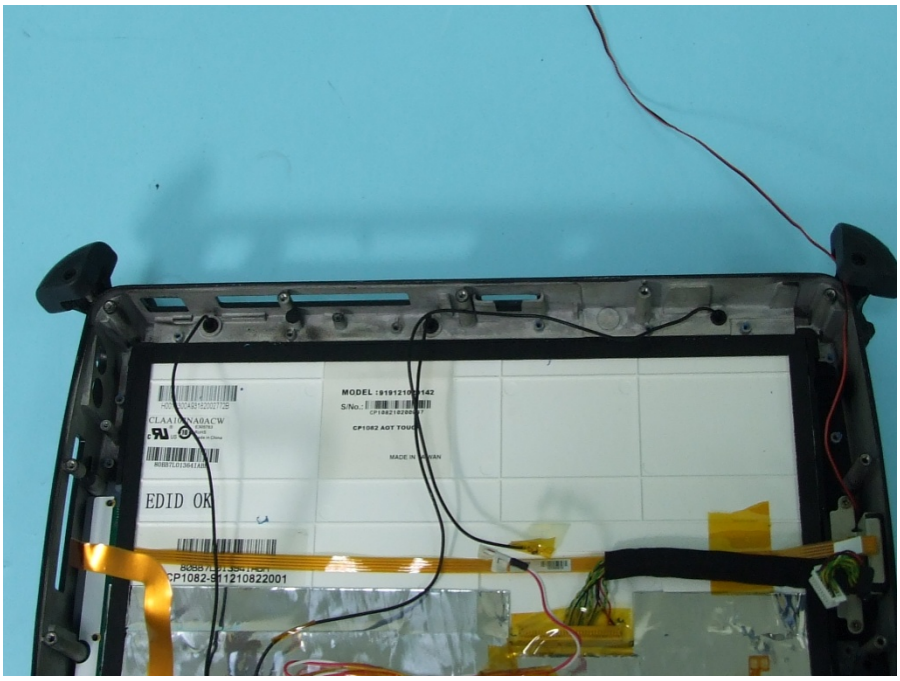
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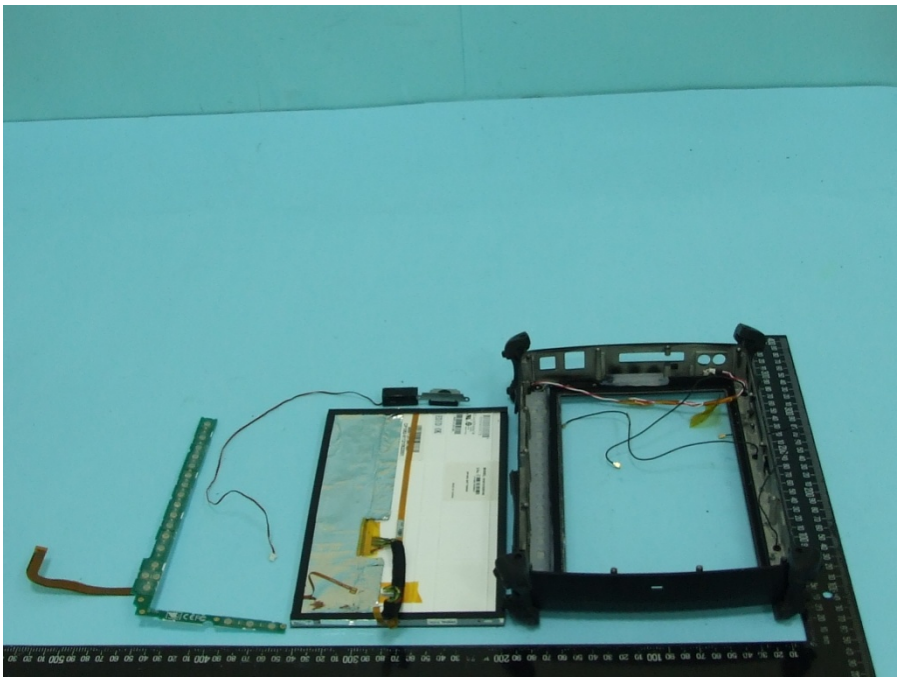

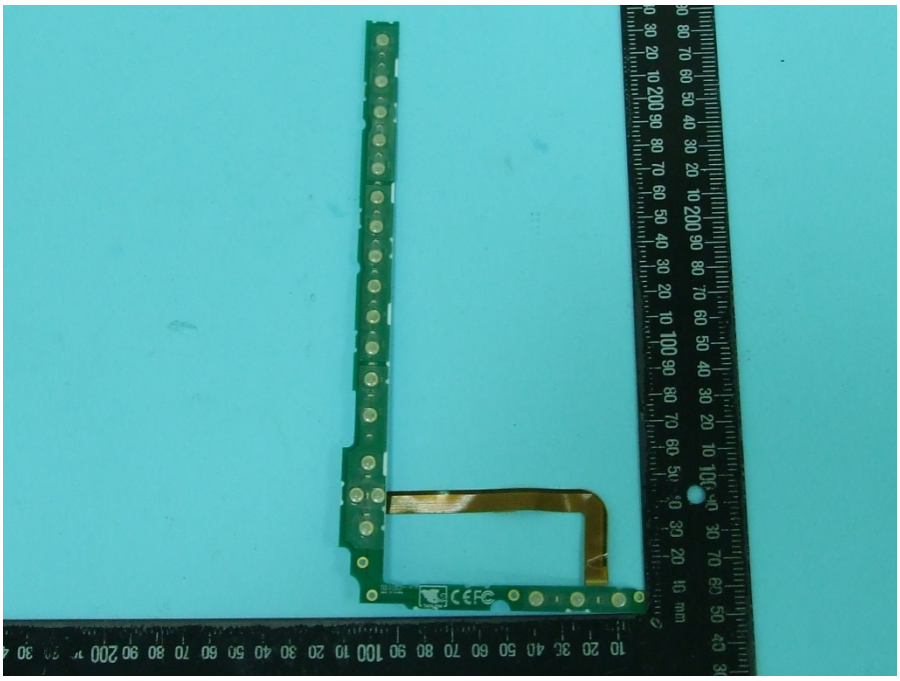

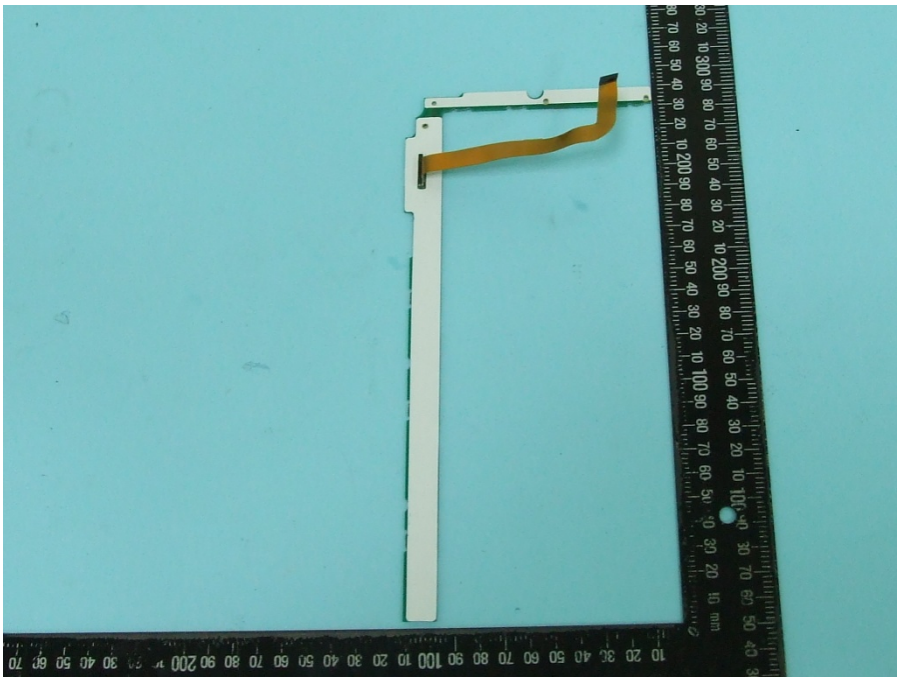

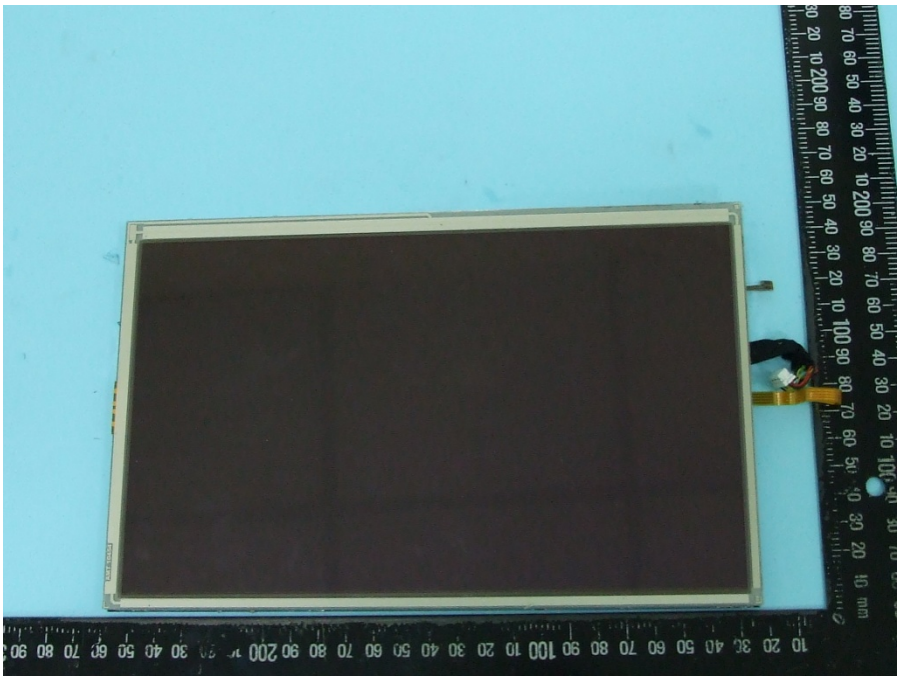


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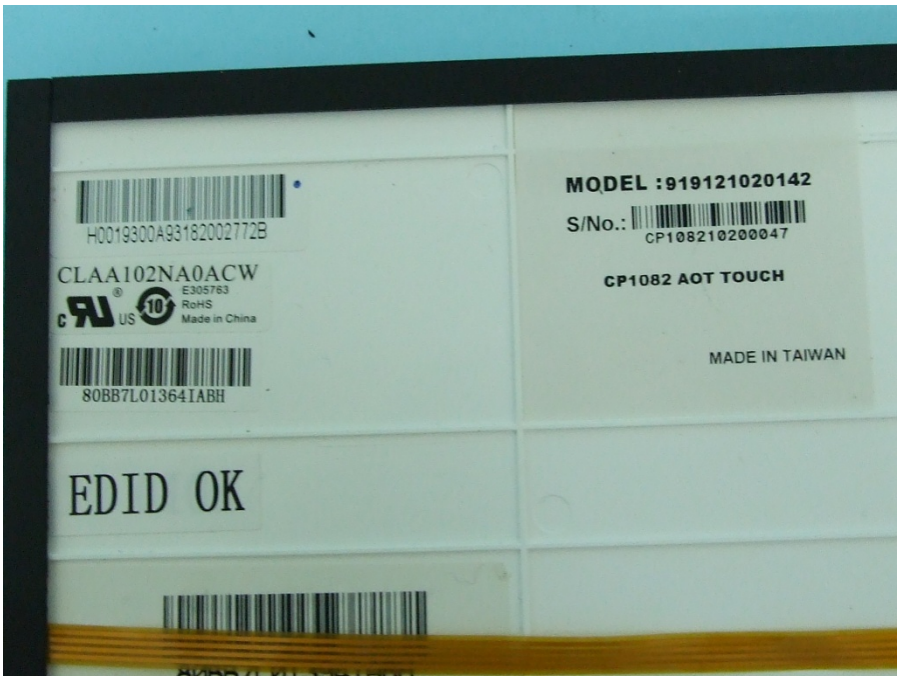
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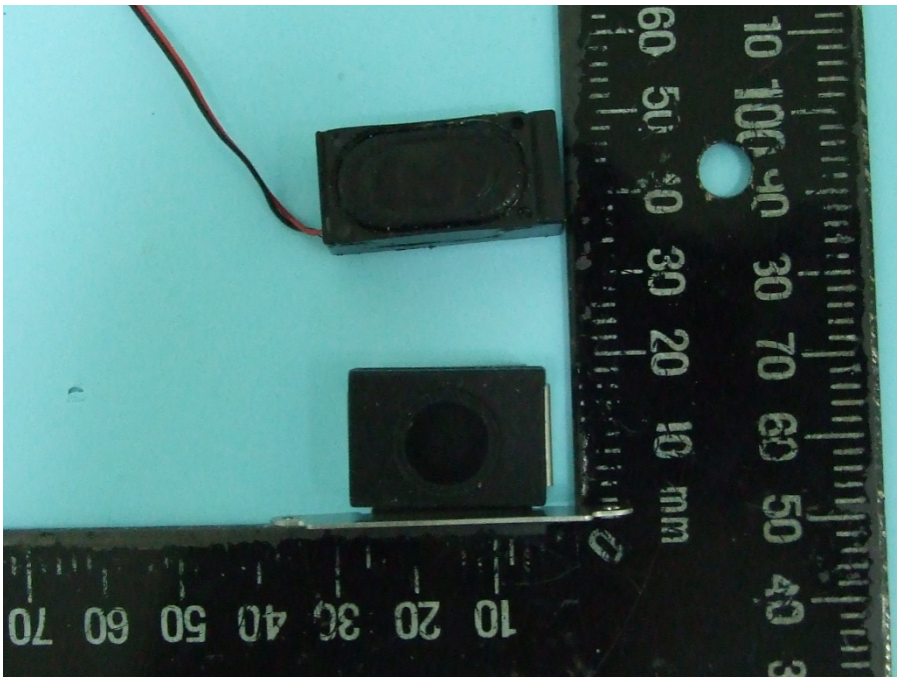

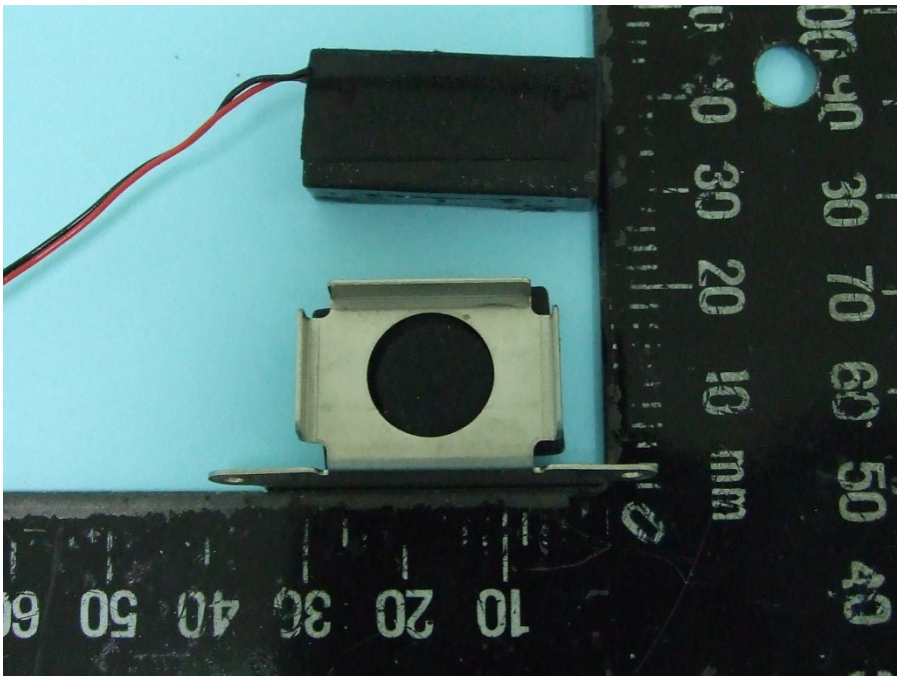

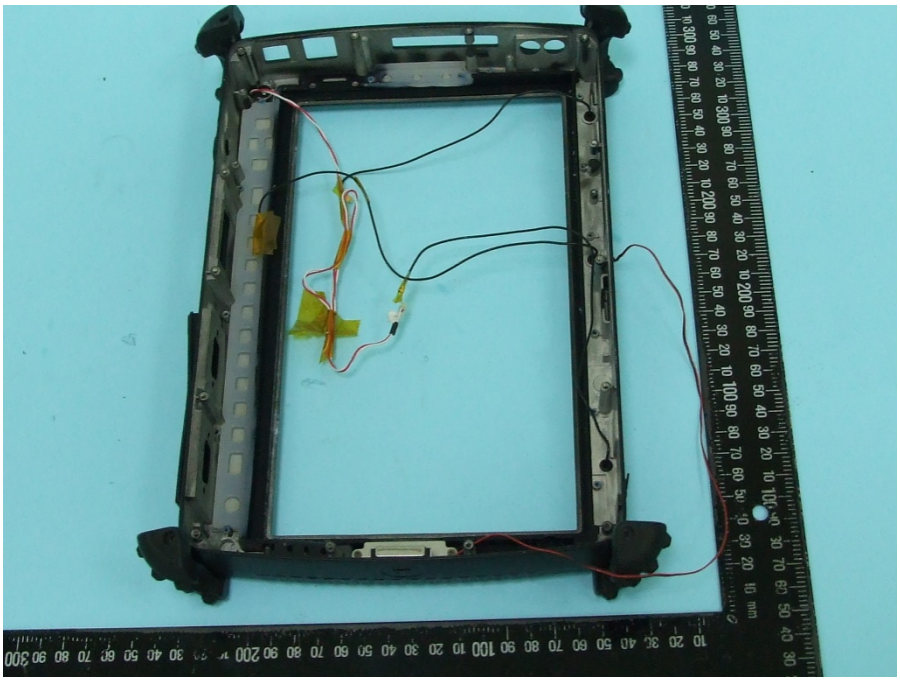

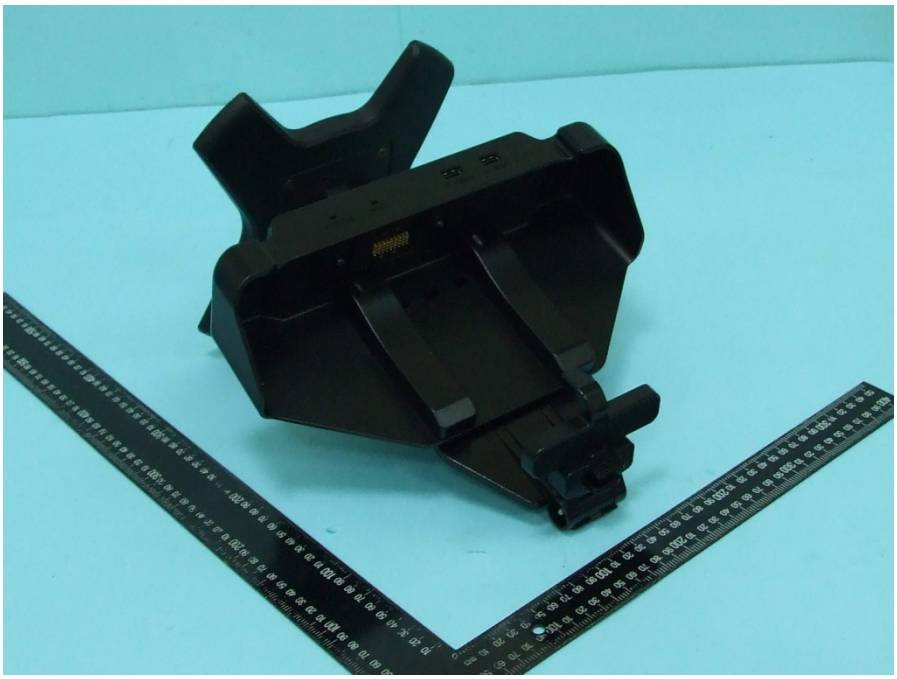

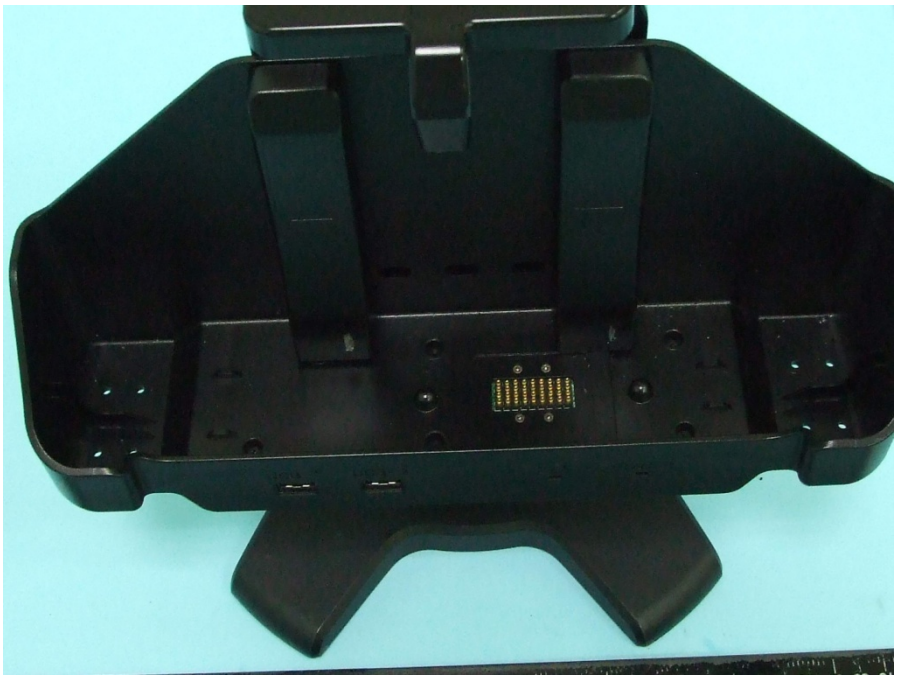

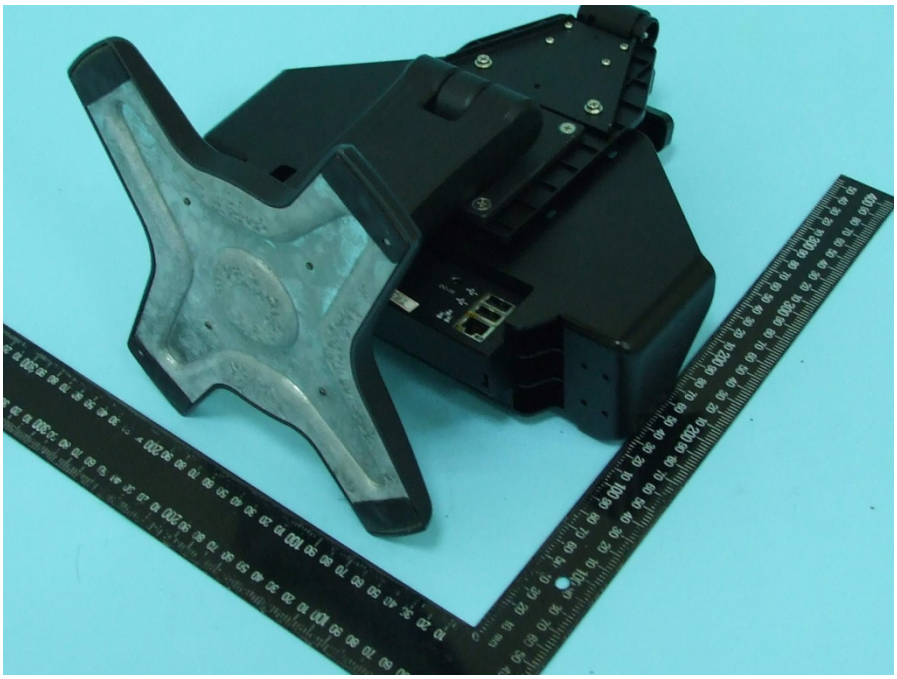

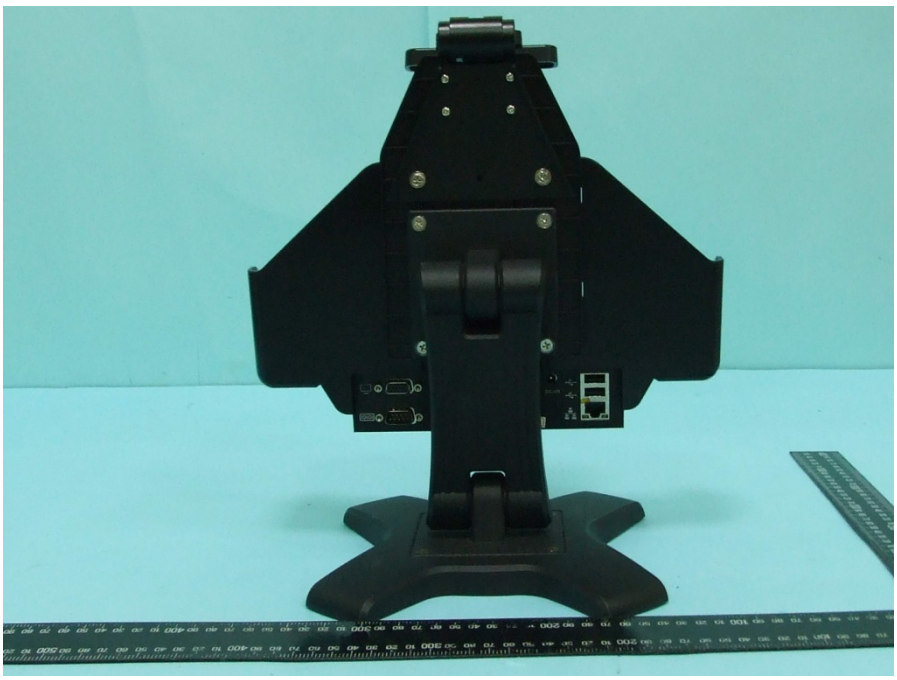


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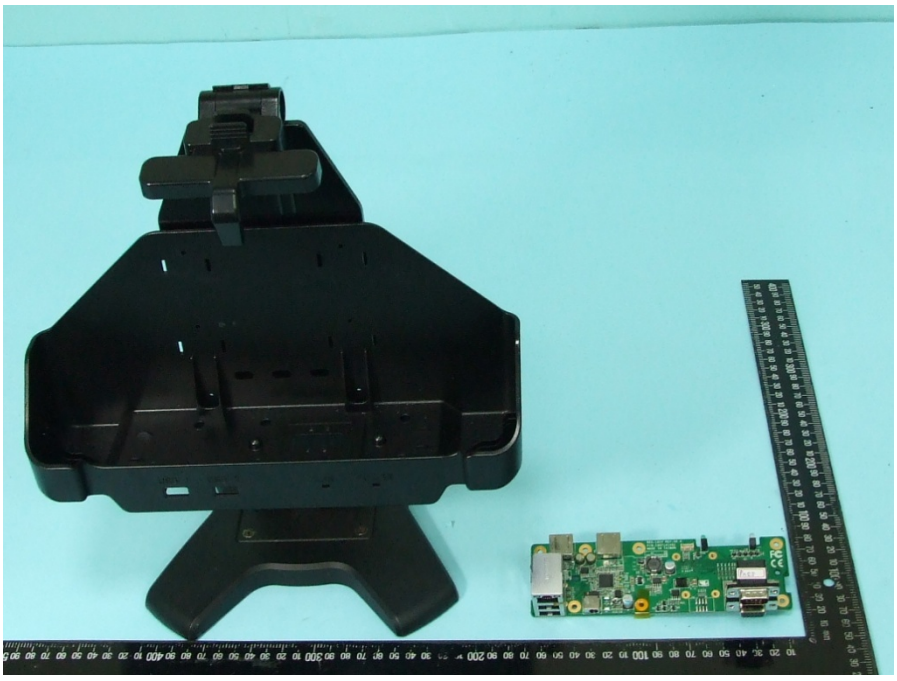

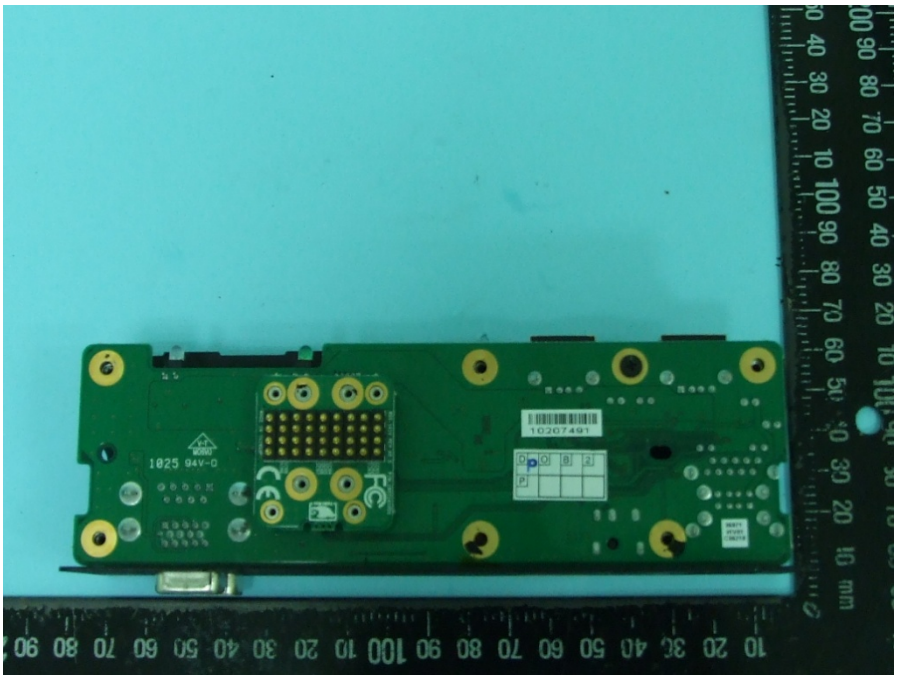

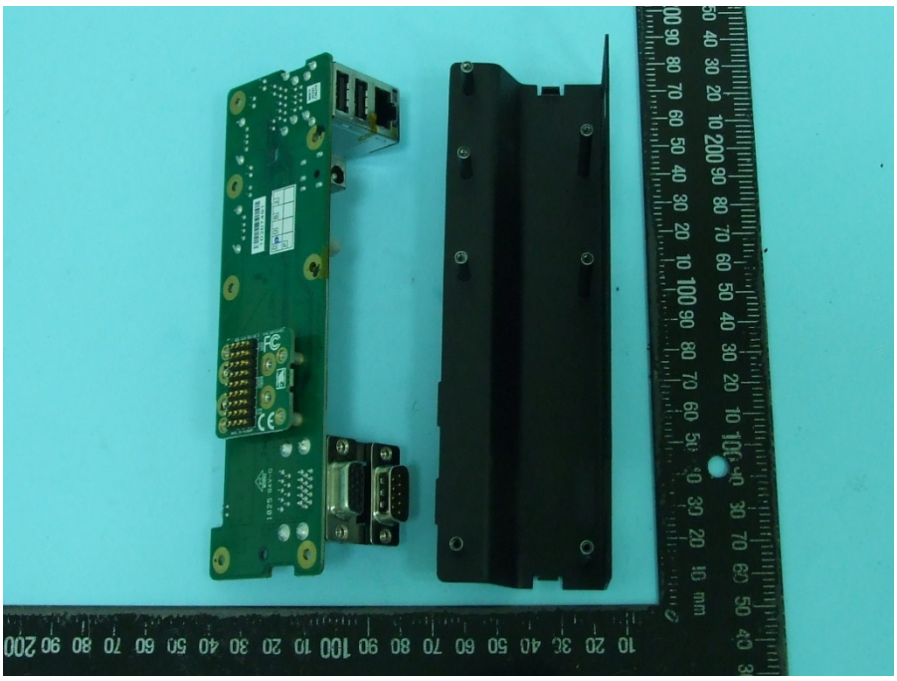

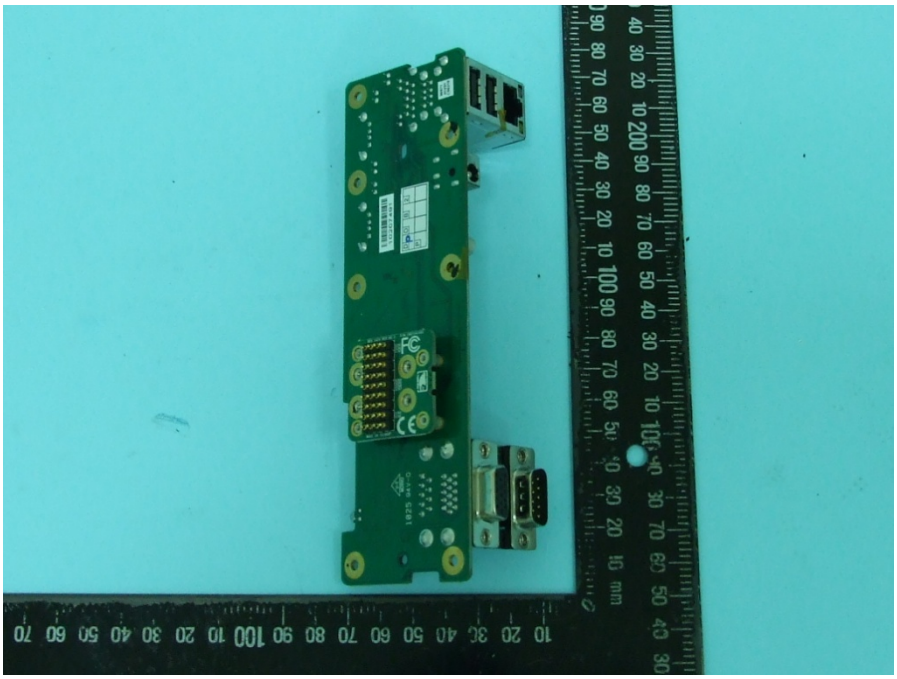

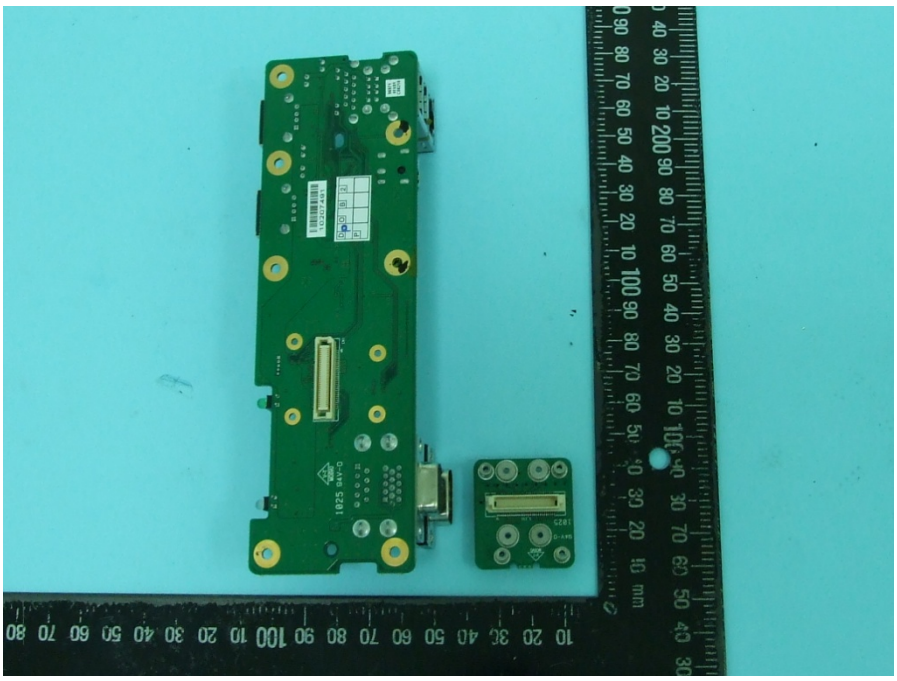

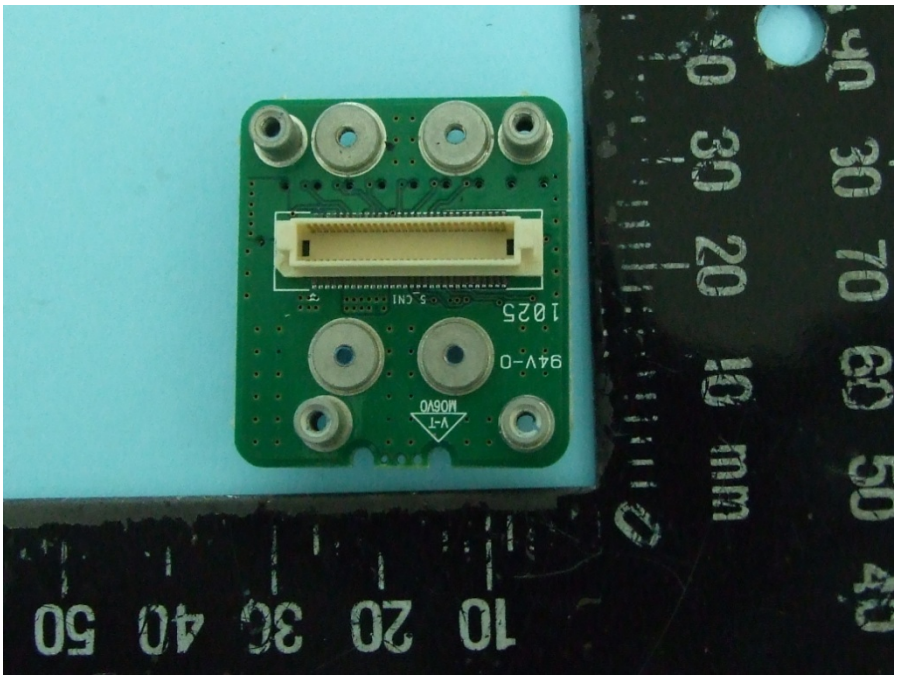
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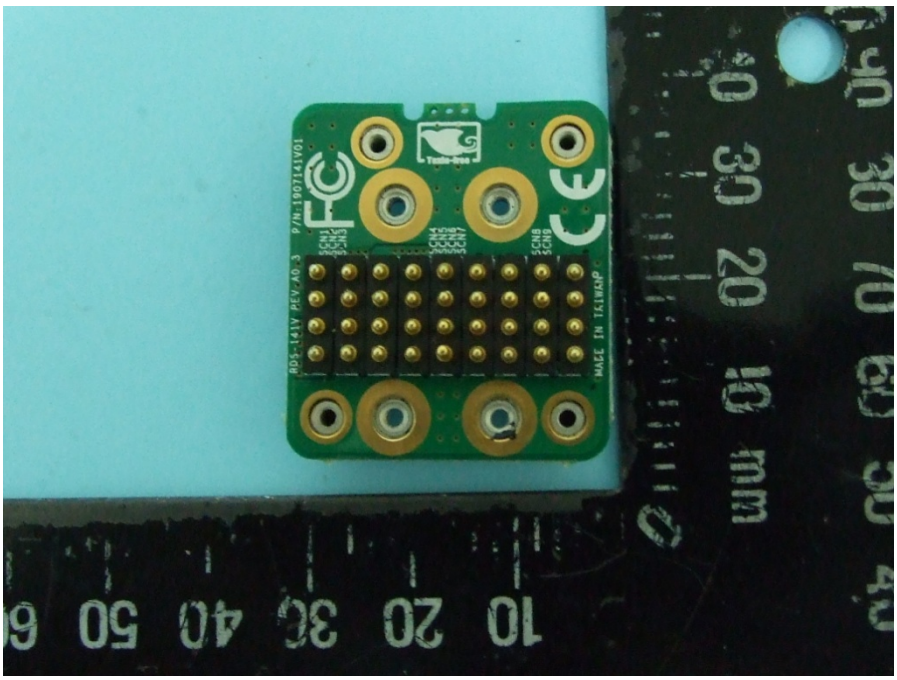
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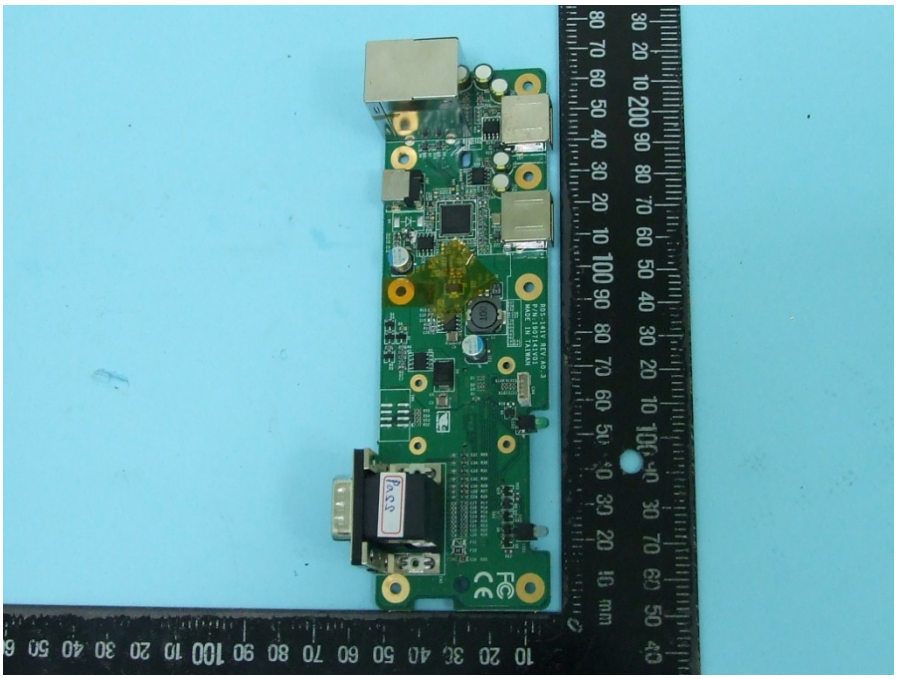

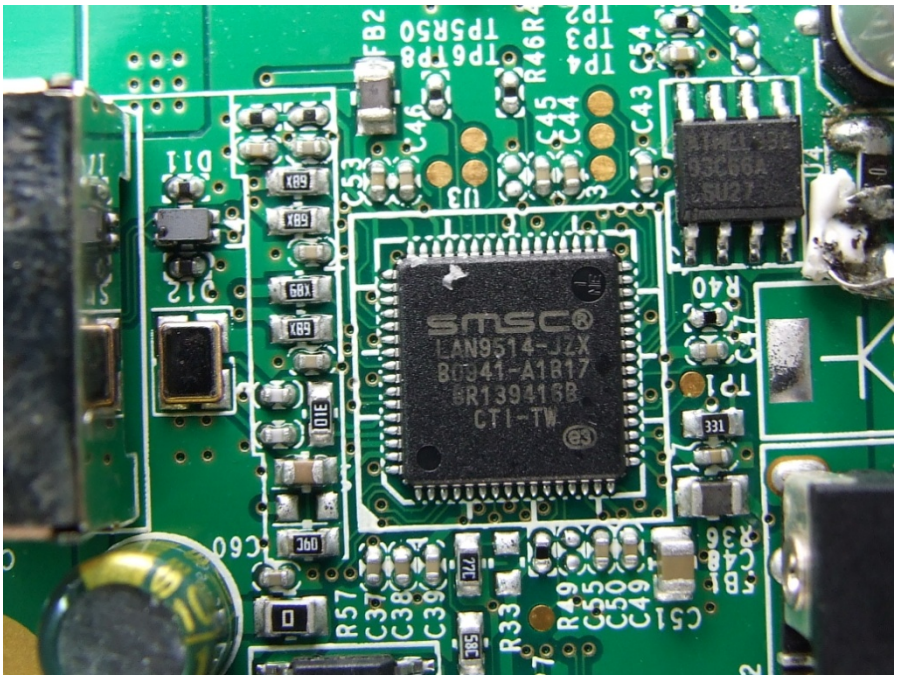
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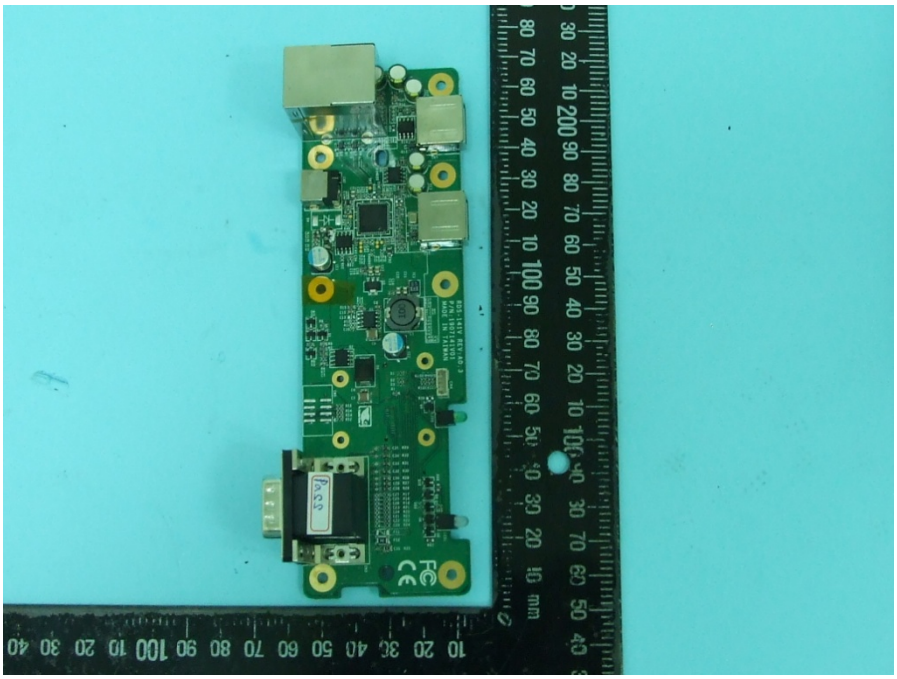

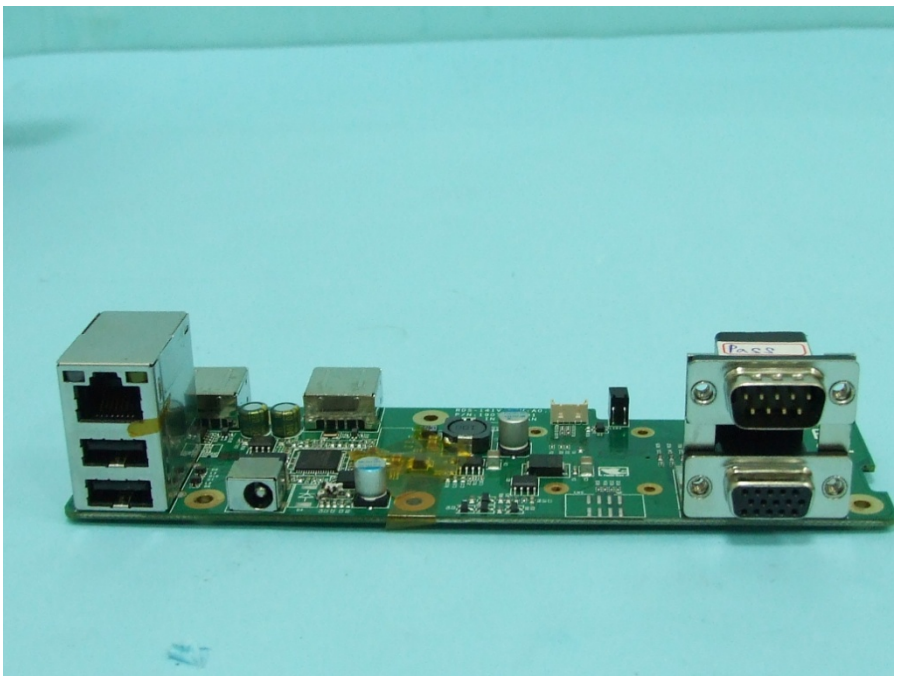

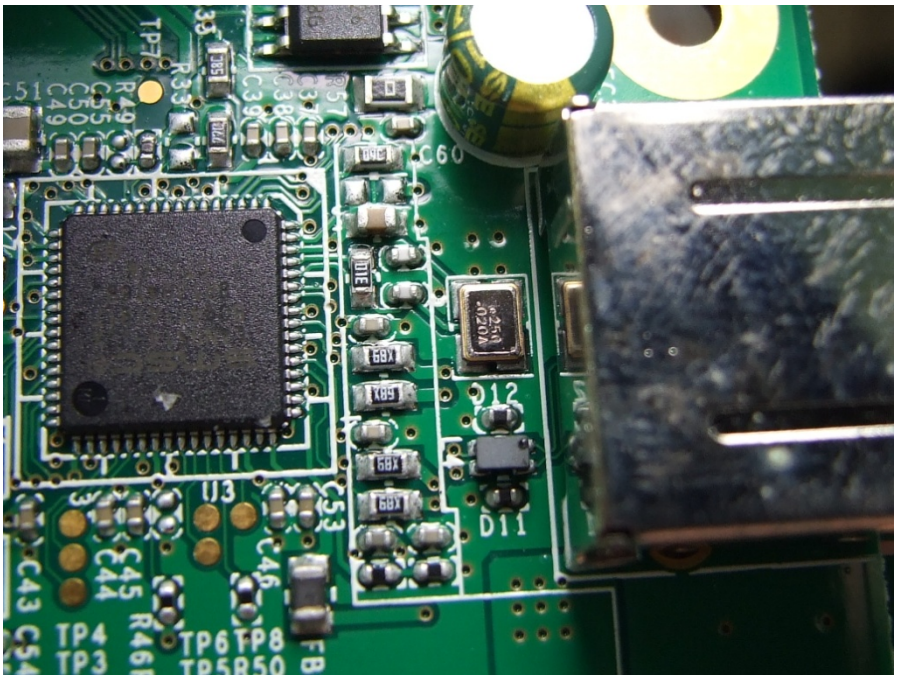
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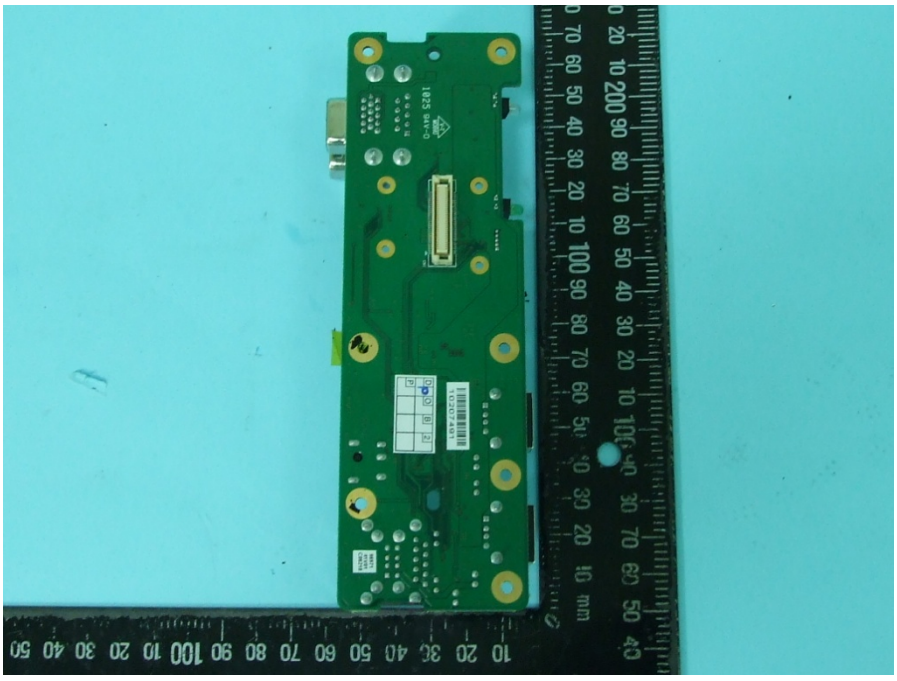

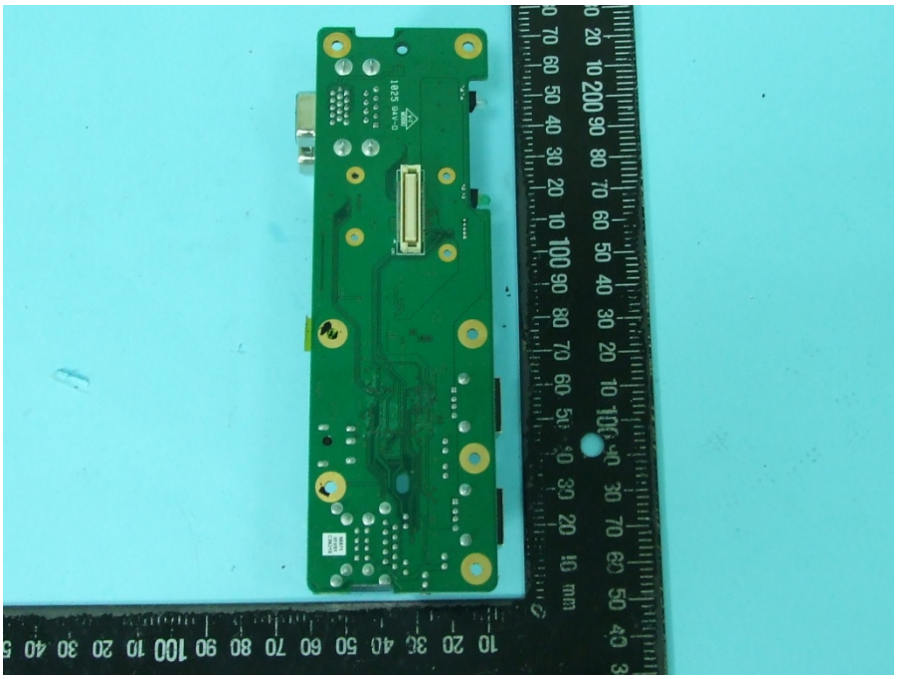

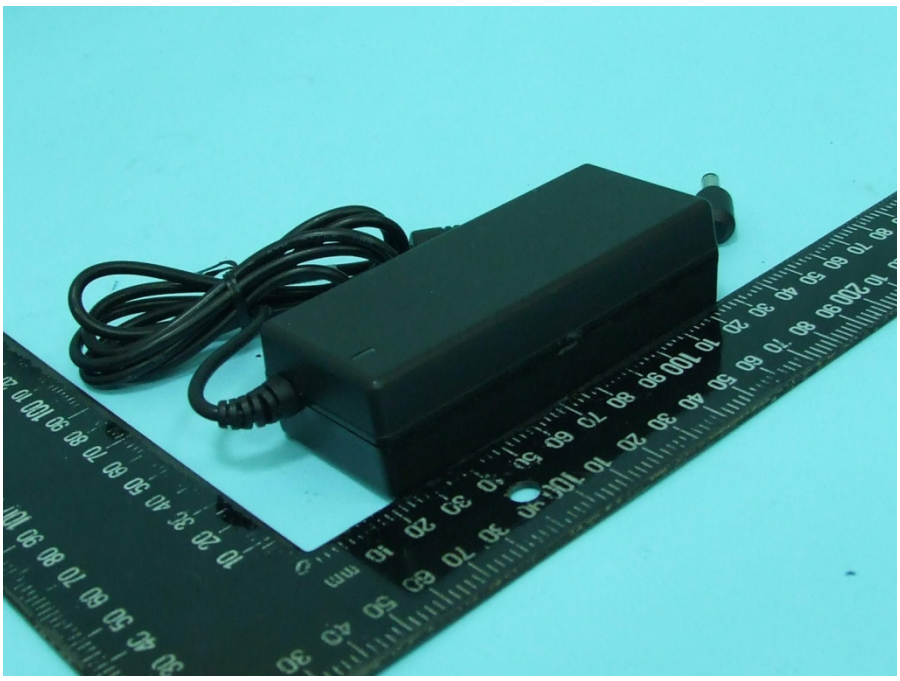

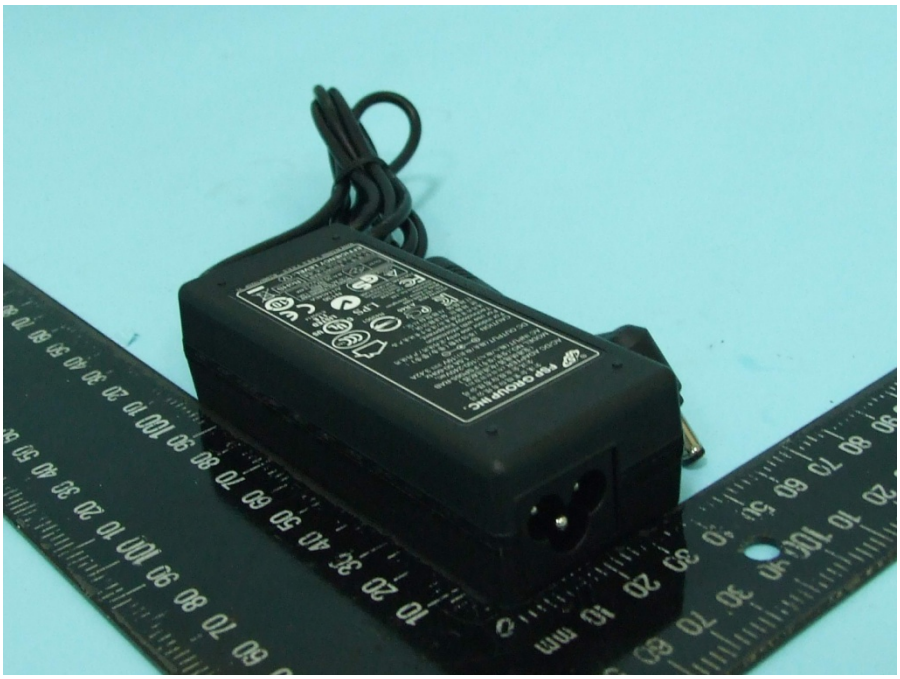


FSP GROUP INC.
全漢企業股份有限公司
全汉企业股份有限公司
AC/DC ADAPTER
(電源供應器/电源适配器)
MODEL NO.(型號/型号):FSP065-RAB
AC INPUT(輸入/输入):100-240Vac,
1.5A 50-60Hz
DC OUTPUT(輸出/输出):19V 3.42A
CAUTION /주의사항(警告/警告):
For indoor use only.室內使用/户内使用
For use with information
Technology Equipment.
通用於資訊類產品/适用于資讯类产品
본 제품은 실내용이며,
IT제품에 사용하십시오.
HU10142-9038
A/B: +82-2-525-1480
Made in China - Zhonghan
Electronics
(Shenzhen) Co., Ltd.
FSP 065-RAB
Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE
A9A6
R43001
LPS
LISTED
ITE
E190414
N136
A/11404EA
MODEL NO.: FSP065-RAB
入力: AC 100-240Vac 1.5A,
50-60Hz
出力: DC 19V 3.42A
보 델 명 : FSP065-RAB
RoHS
EFFICIENCY LEVEL: V
MADE IN CHINA 6LL0667102GP YL