SPORTON LAB.

Certificate No.: FD151930

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. : xxxxxRTC-1000i-xxxxx(x is 0-9,A-Z, - or blank)
APPLICANT : AAEON Technology Inc.
5F, No. 135, Lane 235, Pao Chiao Rd., Hsin-Tien Dist., New Taipei City 231, 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 - 2009** 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 **Jun. 01, 2011** AT **SPORTON INTERNATIONAL INC.** LAB.

Jones Chan
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. : xxxxxRTC-1000i-xxxxx(x is 0-9,A-Z, - or blank)

Filing Type : Declaration of Conformity

Applicant : **AAEON Technology Inc.**
5F, No. 135, Lane 235, Pao Chiao Rd., Hsin-Tien Dist.,
New Taipei City 231, Taiwan, R.O.C

SPORTON International Inc.

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

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History of this test report

Original Report Issue Date: Sep. 23, 2011

■ No additional attachment.

□ Additional attachment were issued as following record:

Attachment No.	Issue Date	Description

Certificate No. : FD151930

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. : xxxxxRTC-1000i-xxxxx(x is 0-9,A-Z, - or blank)

Applicant : **AAEON Technology Inc.**
5F, No. 135, Lane 235, Pao Chiao Rd., Hsin-Tien Dist.,
New Taipei City 231, 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 **Jun. 01, 2011** at **SPORTON International Inc.** LAB.

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 Dist., New Taipei City 231, 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.	:	xxxxxRTC-1000i-xxxxx(x is 0-9,A-Z, - or blank)
Trade Name	:	AAEON
RJ45 Cable	:	Non-Shielded, 10m
Power Supply Type	:	Switching
AC Power Cable	:	Non-Shielded, 1.8m, 3 pin
DC Power Cable	:	Braided-Shielded, 1.5m, 2 pin

1.4 Feature of Equipment under Test

Description	Brand	Model	Spec.
CPU	Intel®	I7	1.06G
LCD Display	CPT	CLAA102NA0ACW	10.2" 16:9 TFT LCD with Touch Screen (AOT)
Memory	Hynix	H5TQ2G83BFR-H9C	DDR2 667 2GB
HDD	TOSHIBA	MK1665GSX	160GB
WLAN 802.11 b/g + BluetoothR 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	FSP	FSP065-RAB	Input: 100-240V~, 50-60Hz 1.5A Output: 19V 3.4A
Docking	AAEON	RDS-141V	---

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, LCD Monitor, Modem, USB Keyboard, USB Mouse, iPod Nano(x2), Headset, CF Card, PCMCIA Card and EUT for EMI test. The remote workstation included Personal Computer(x2), LCD Monitor(x2), PS2 Keyboard(x2), PS2 Mouse(x2) and Wireless AP .

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

Mode 1. D-Sub: 1024 x 600 / LAN 1: 100M / LAN 2: 1G
Mode 2. D-Sub: 800 x 600 / LAN 1: 10M / LAN 2: 100M
For conducted emission: Cause “Mode 1” generated the worst test result; it was reported as final data.
For radiated emission: Cause “Mode 1” generated the worst test result; it was reported as final data.

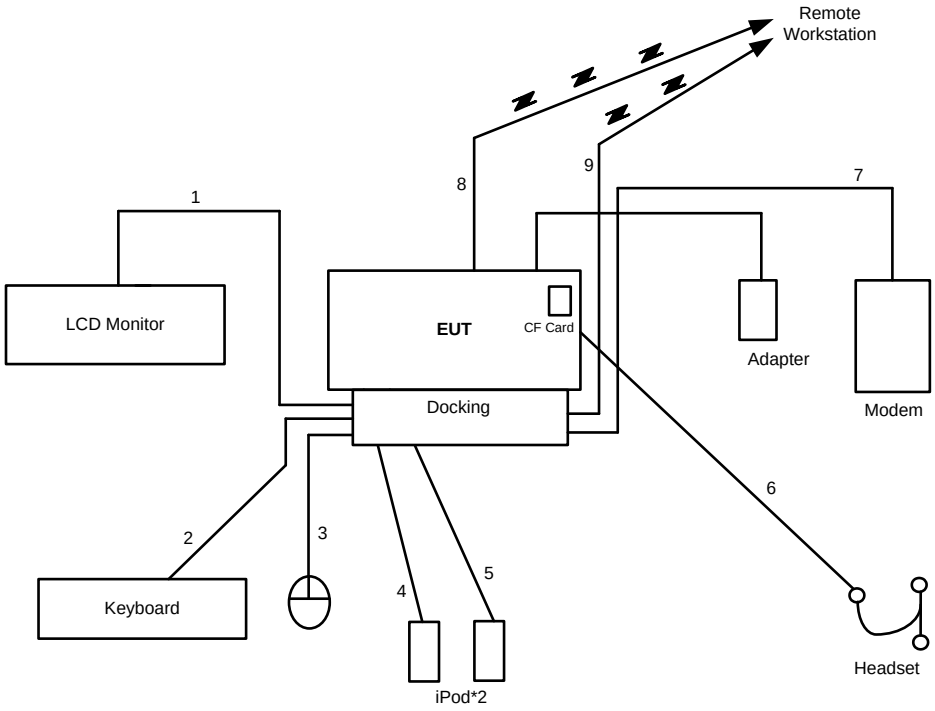
d. The following test mode was for radiated (1GHz / 5TH of harmonic CPU fundamental) final test:
Mode 1. D-Sub: 800 x 600 / LAN 1: 10M / LAN 2: 100M

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

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
2	USB Keyboard	DELL	SK-8175	DoC	AL-F-Shielded, 1.9m
3	USB Mouse	DELL	MOC5UO	DoC	AL-F-Shielded, 1.8m
4	Modem	ACEEX	DM1414	IFAX1414	Shielded, 1.15m
5	iPod Nano (x2)	Apple	A1137(2GB)	DoC	USB Cable, D- Shielded, 1.1m
6	Headset	Tsannkuen 3C	MIC03	---	Audio Cable, Non-Shielded, 1.8m
7	CF Card	SANDISK	64MB	---	---
8	PCMCIA Card	SANDISK	64MB	---	---
9	Personal Computer(x2) (Remote Workstation)	HP	Hp dc7700	DoC	RJ45 Cable, Non-Shielded, 10m
10	LCD Monitor(x2) (Remote Workstation)	COMPAQ	S510	DoC	D-Sub Cable, D-Shielded, 1.7m
11	PS/2 Keyboard(x2) (Remote Workstation)	COMPAQ	6511-VA	DoC	AL-F-Shielded, 1.6m
12	PS/2 Mouse(x2) (Remote Workstation)	COMPAQ	M-S69	DoC	AL-F-Shielded, 1.8m
13	Wireless AP (Remote Workstation)	BUFFALO	WHR-HP-G54	N/A	---

2.3 Connection Diagram of Test System



The support unit 7 and support unit 8 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 2.
3. The USB cable is connected from EUT to the support unit 3.
4. The USB cable is connected from EUT to the support unit 5.
5. The USB cable is connected from EUT to the support unit 5.
6. The Audio cable is connected from EUT to the support unit 6.
7. The I/O cable is connected from EUT to the support unit 4.
8. The RJ45 cable is connected from EUT to remote workstation.
9. 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 7, 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 "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 Wireless AP.
- Executed "Ping.exe" to link with the remote workstation to receive and transmit data via RJ45 cable.
- Executed "Bluetooth.exe" to link with the remote workstation to receive and transmit data by Bluetooth headset.

4. General Information of Test

4.1 Test Facility

For conducted emission

Test Site Location : No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C
TEL 886-2-2601-1640
FAX 886-2-2601-1695

Test Site No. : CO01-LK

For Radiated emission below 1GHz

Test Site Location : No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C
TEL 886-2-2601-1640
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 below 1GHz	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, Clause 7. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 5.3. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

5.1 Major Measuring Instruments

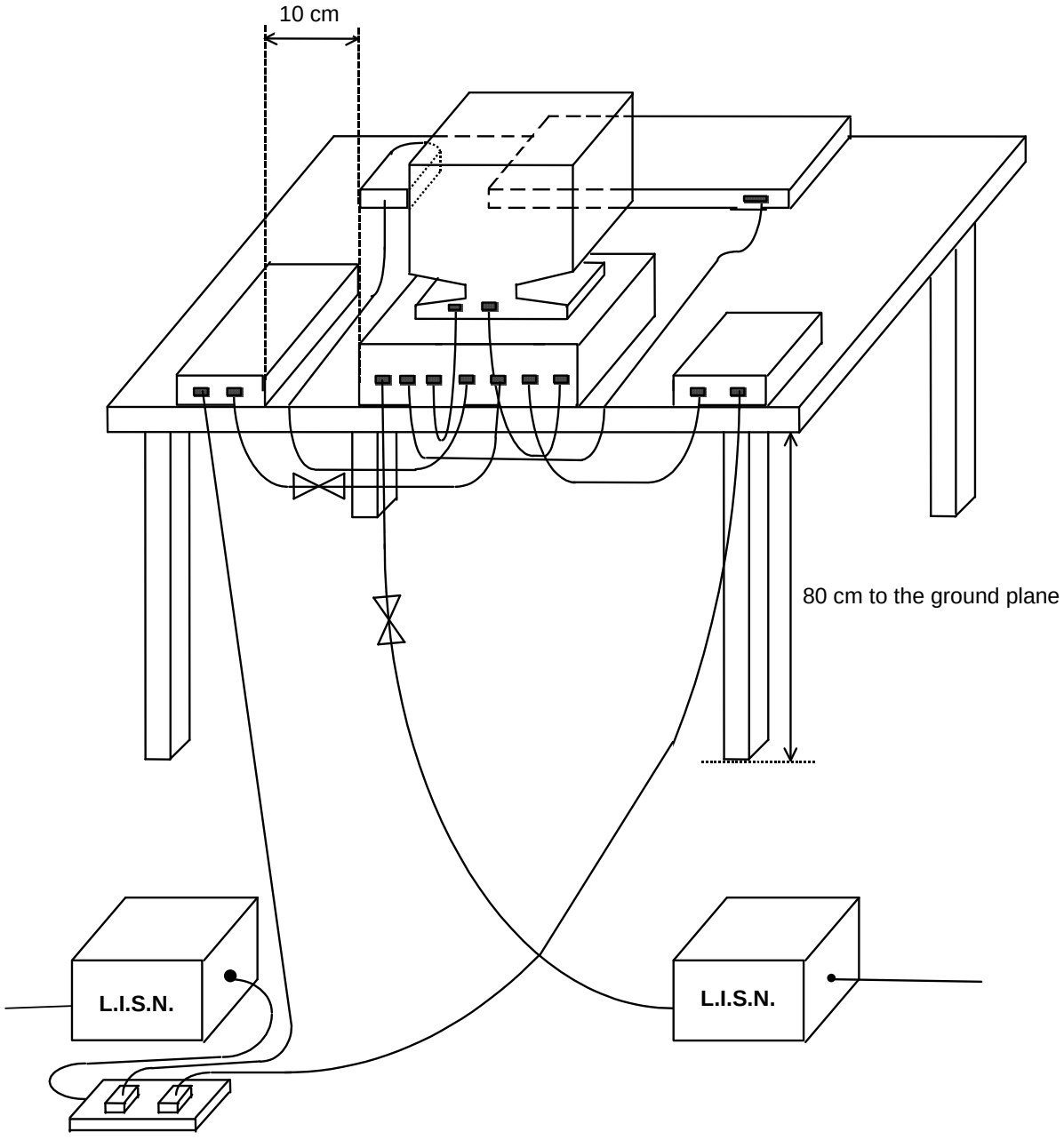
- Test Receiver (R&S ESCS 30)

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

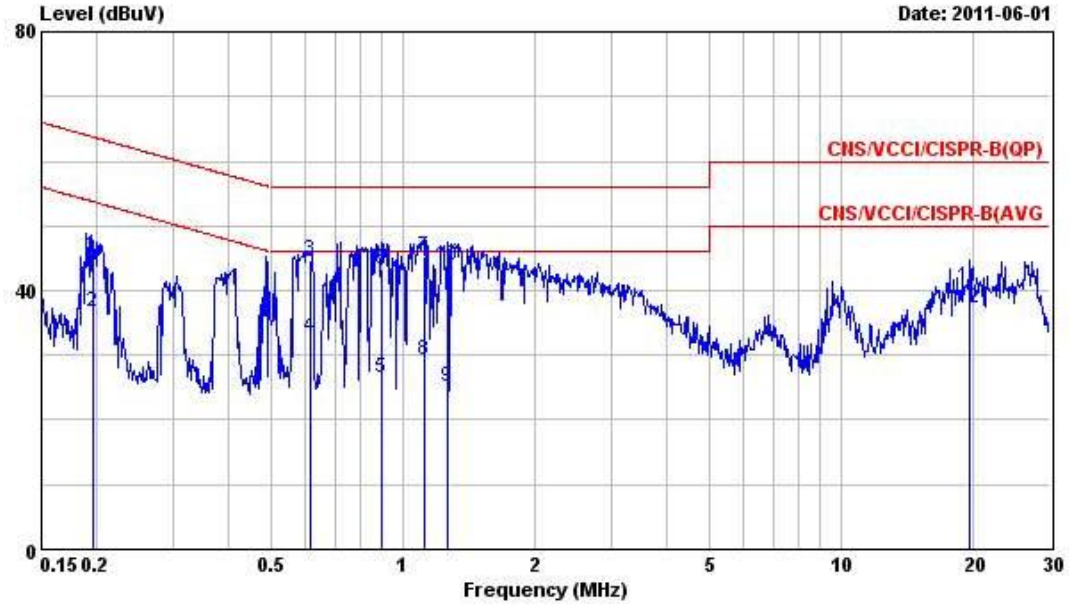


5.4 Test Result of AC Powerline Conducted Emission

Test Mode	Mode 1	Temperature	23℃
Test Engineer	Peter Lin	Humidity	37%

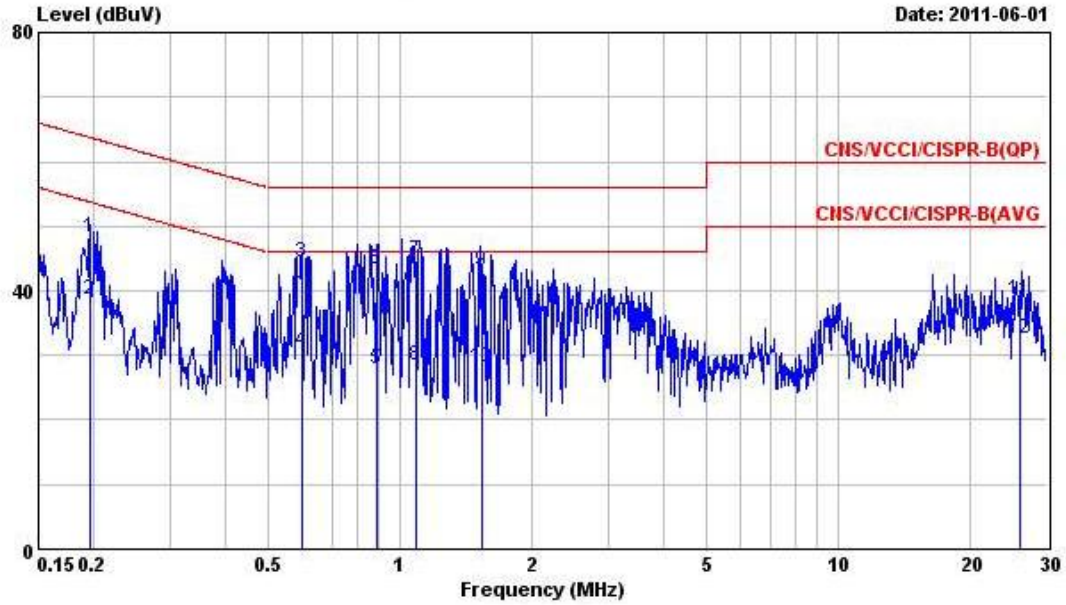
Note: Corrected Reading (dBμV) = LISN Factor + Cable Loss + Read Level = Level

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



Site : CO01-LK
Condition : LISN-NNB 41 06/10024 LINE
EUT :
MODEL : RTC-1000i
POWER : 120VAC/60Hz
MEMO : Intel Core (TM) i7 CPU U620
MEMO : D-SUB:1024*600 , LAN1:100M , LAN2:1G

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.197	45.45	-18.29	63.74	35.39	10.00	0.06	QP
2	0.197	36.62	-17.12	53.74	26.56	10.00	0.06	Average
3	0.617	44.81	-11.19	56.00	34.72	10.01	0.08	QP
4	0.617	32.82	-13.18	46.00	22.73	10.01	0.08	Average
5	0.899	26.42	-19.58	46.00	16.34	10.02	0.06	Average
6	0.899	43.28	-12.72	56.00	33.20	10.02	0.06	QP
7	1.124	45.28	-10.72	56.00	35.19	10.02	0.07	QP
8	1.124	29.14	-16.86	46.00	19.05	10.02	0.07	Average
9	1.270	25.11	-20.89	46.00	15.02	10.02	0.07	Average
10	1.270	43.76	-12.24	56.00	33.67	10.02	0.07	QP
11	19.709	40.66	-19.34	60.00	29.98	10.29	0.39	QP
12	19.709	37.21	-12.79	50.00	26.53	10.29	0.39	Average



Site : CO01-LK
Condition : LISN-NNB 41 06/10024 NEUTRAL
EUT :
MODEL : RTC-1000i
POWER : 120VAC/60Hz
MEMO : Intel Core (TM) i7 CPU U620
MEMO : D-SUB:1024*600 , LAN1:100M , LAN2:1G

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.197	48.31	-15.43	63.74	38.11	10.14	0.06	QP
2	0.197	38.65	-15.09	53.74	28.45	10.14	0.06	Average
3	0.601	44.46	-11.54	56.00	34.25	10.13	0.08	QP
4	0.601	30.50	-15.50	46.00	20.29	10.13	0.08	Average
5	0.885	27.97	-18.03	46.00	17.76	10.14	0.07	Average
6	0.885	43.23	-12.77	56.00	33.02	10.14	0.07	QP
7	1.092	44.76	-11.24	56.00	34.55	10.14	0.07	QP
8	1.092	28.35	-17.65	46.00	18.14	10.14	0.07	Average
9	1.540	43.00	-13.00	56.00	32.77	10.15	0.08	QP
10	1.540	28.14	-17.86	46.00	17.91	10.15	0.08	Average
11	26.175	38.73	-21.27	60.00	27.66	10.63	0.44	QP
12	26.175	32.59	-17.41	50.00	21.52	10.63	0.44	Average

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 Clause 8. 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 (R&S FSP)
  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

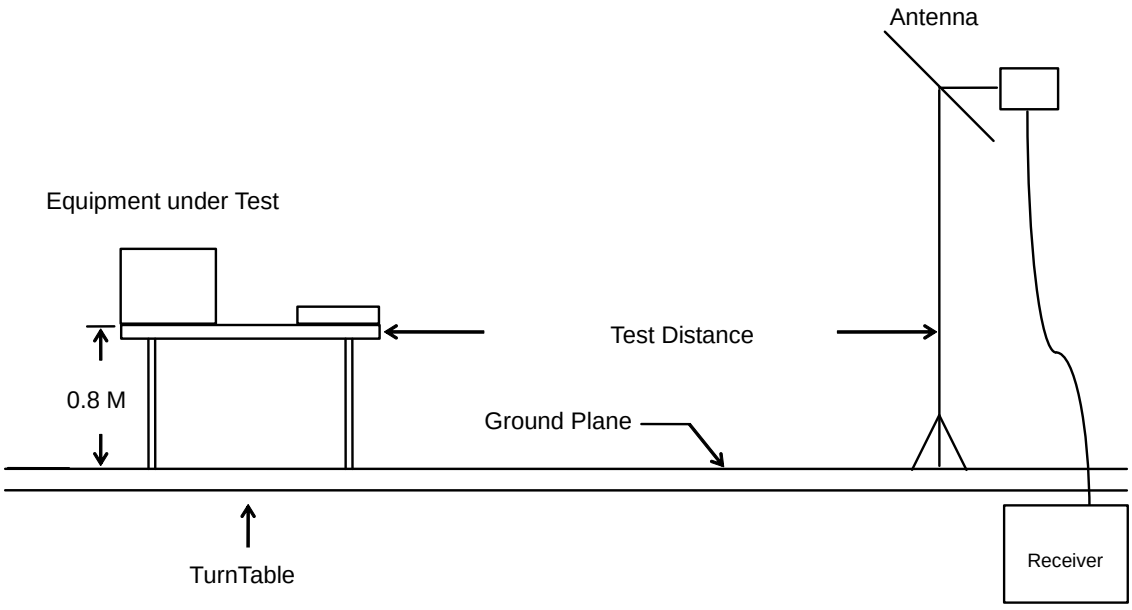
- Amplifier (AGILENT 8449B)
  RF Gain 35 dB
  Signal Input 1 GHz - 26.5 GHz

- Spectrum Analyzer (R&S FSP40)
  Attenuation 10 dB
  Start Frequency 1 GHz
  Stop Frequency 13 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



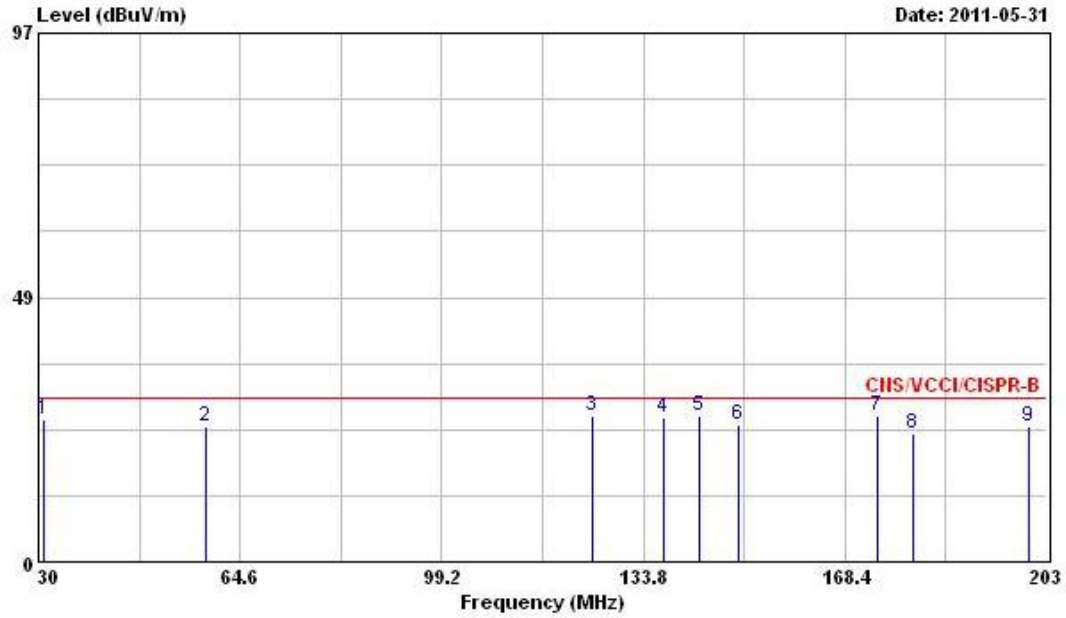
6.4 Test Result of Radiated Emission (Below 1GHz)

Frequency Range of Test	from 30 MHz to 1000 MHz	Test Distance	10m
Test Mode	Mode 1	Temperature	29℃
Test Engineer	Chi Ming Chu	Humidity	38%

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

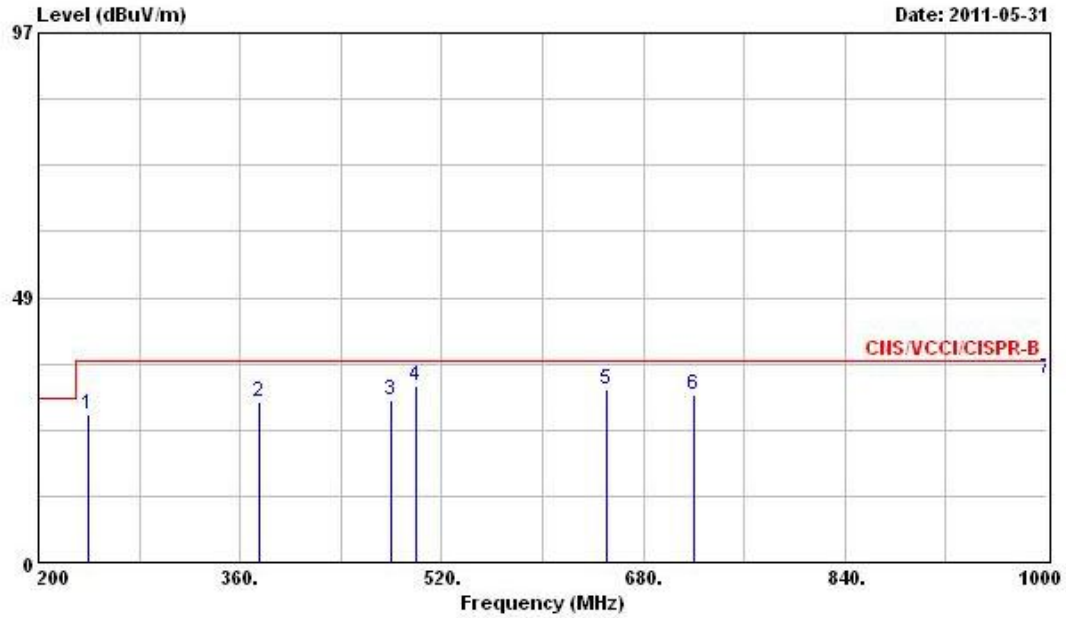
2. Corrected Reading : Antenna Factor + Cable Loss + Read Level – Preamp Factor = Level

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



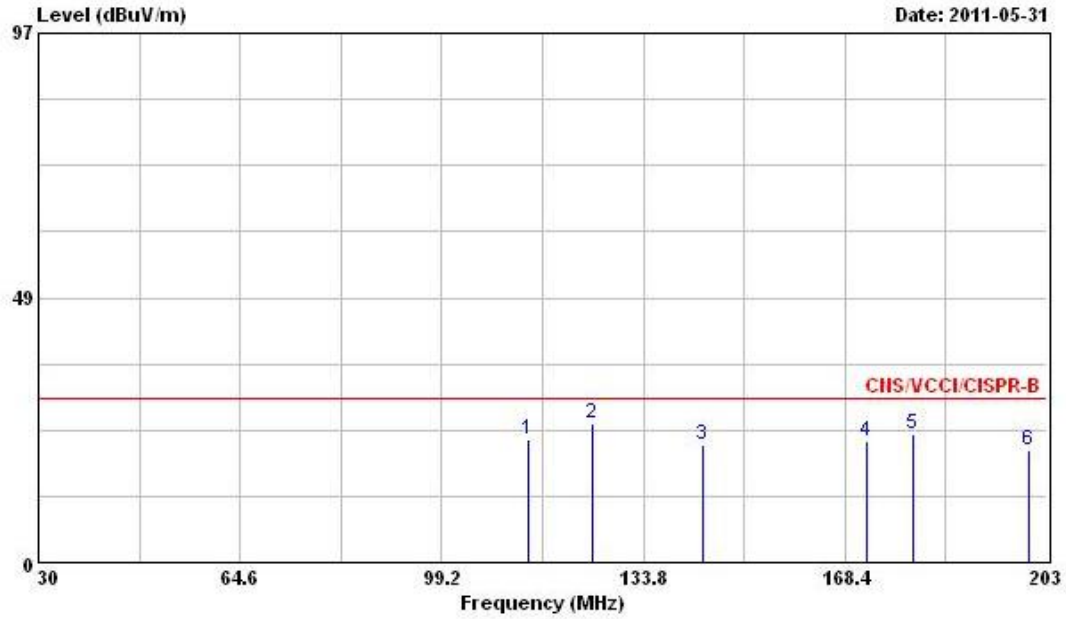
Site : OS05-LK
Condition : CNS/VCCI/CISPR-B 10m VERTICAL
EUT : RTC-1000i
MODEL :
POWER : 120VAC
MEMO : Intel Core (TM) i7 CPU U620 1.07GHz
MEMO : D-SUB:1024*600 , LAN1:100M , LAN2:1G

	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 @	31.040	26.17	-3.83	30.00	35.47	17.18	0.92	27.40	Peak	---	---
2	58.720	24.88	-5.12	30.00	45.65	5.43	1.18	27.38	Peak	---	---
3 @	125.000	26.76	-3.24	30.00	39.77	12.59	1.60	27.20	Peak	---	---
4 @	137.400	26.42	-3.58	30.00	39.60	12.37	1.60	27.15	QP	---	---
5 @	143.550	26.82	-3.18	30.00	40.30	12.03	1.62	27.13	QP	100	243
6	150.000	24.99	-5.01	30.00	38.96	11.48	1.65	27.10	Peak	---	---
7 @	174.110	26.65	-3.35	30.00	42.40	9.48	1.77	27.00	QP	---	---
8	180.000	23.48	-6.52	30.00	39.70	8.96	1.80	26.98	QP	---	---
9	200.000	24.95	-5.05	30.00	40.98	8.97	1.90	26.90	Peak	---	---



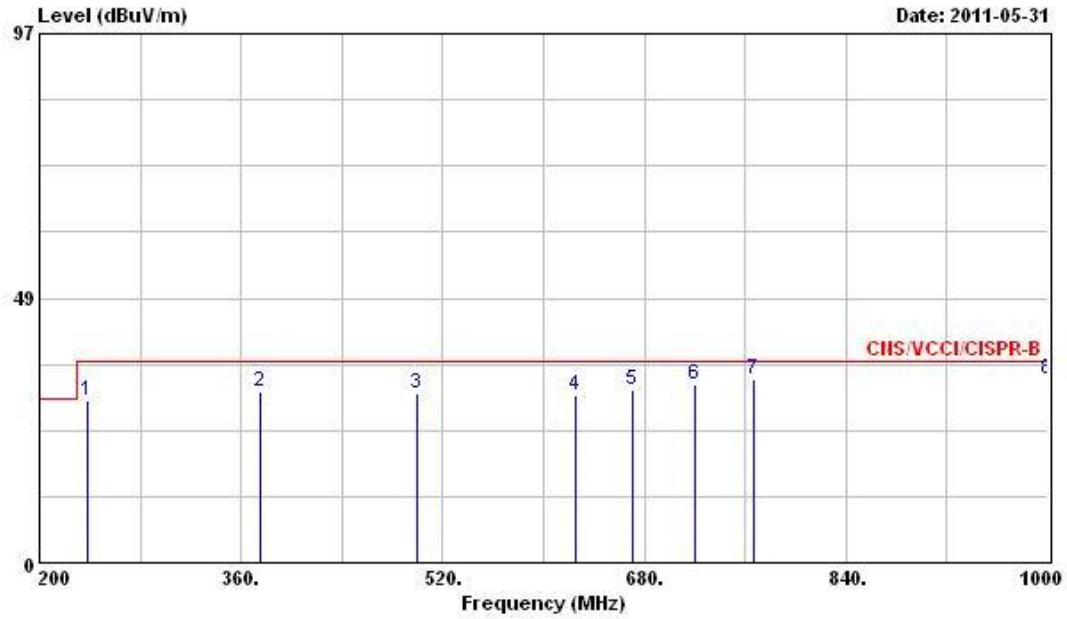
Site : OS05-LK
Condition : CNS/VCCI/CISPR-B 10m VERTICAL
EUT : RTC-1000i
MODEL :
POWER : 120VAC
MEMO : Intel Core (TM) i7 CPU U620 1.07GHz
MEMO : D-SUB:1024*600 , LAN1:100M , LAN2:1G

	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	240.000	26.95	-10.05	37.00	39.97	11.82	1.98	26.82	Peak	---	---
2	375.000	29.54	-7.46	37.00	38.54	15.73	2.50	27.23	Peak	---	---
3	480.000	29.80	-7.20	37.00	37.15	17.73	2.80	27.88	Peak	---	---
4 @	500.000	32.49	-4.51	37.00	39.63	18.06	2.80	28.00	Peak	---	---
5	650.400	31.73	-5.27	37.00	35.81	20.52	3.40	28.00	Peak	---	---
6	720.000	30.65	-6.35	37.00	33.97	21.02	3.64	27.98	Peak	---	---
7 @	1000.000	33.66	-3.34	37.00	31.76	24.90	4.40	27.40	Peak	---	---



Site : OS05-LK
Condition : CNS/VCCI/CISPR-B 10m HORIZONTAL
EUT : RTC-1000i
MODEL :
POWER : 120VAC
MEMO : Intel Core (TM) i7 CPU U620 1.07GHz
MEMO : D-SUB:1024*600 , LAN1:100M , LAN2:1G

	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	114.080	22.47	-7.53	30.00	37.49	10.68	1.54	27.24	Peak	---	---
2 @	125.000	25.56	-4.44	30.00	38.57	12.59	1.60	27.20	Peak	---	---
3	144.010	21.71	-8.29	30.00	35.27	11.95	1.62	27.13	Peak	---	---
4	172.030	22.23	-7.77	30.00	37.91	9.57	1.76	27.01	Peak	---	---
5	180.000	23.64	-6.36	30.00	39.86	8.96	1.80	26.98	Peak	---	---
6	200.000	20.63	-9.37	30.00	36.66	8.97	1.90	26.90	Peak	---	---



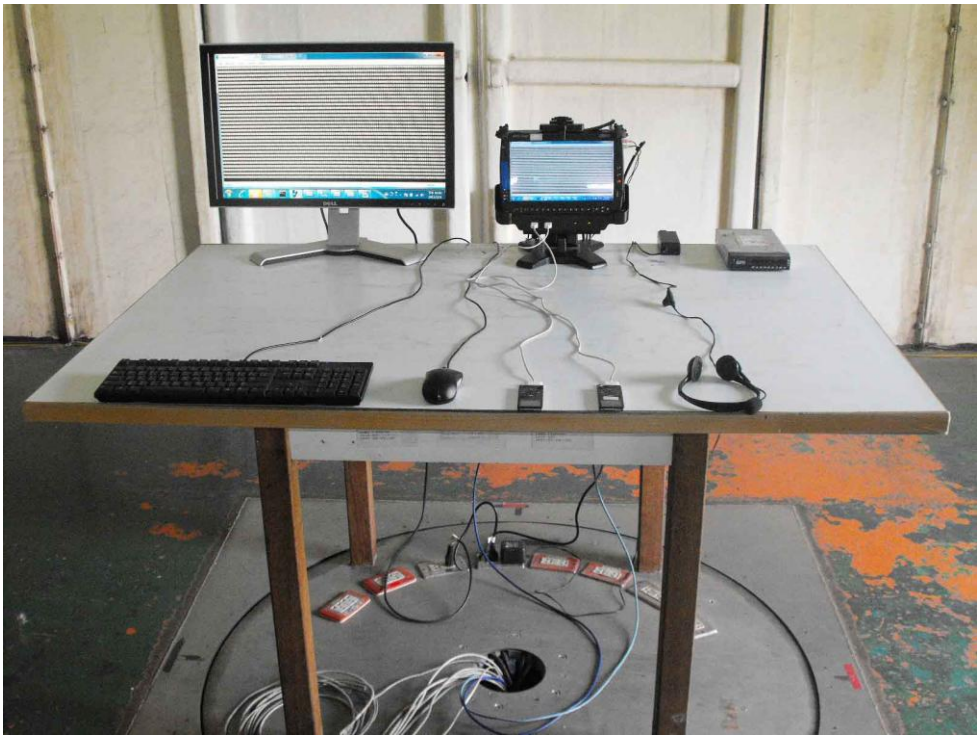
Site : OS05-LK
Condition : CNS/VCCI/CISPR-B 10m HORIZONTAL
EUT : RTC-1000i
MODEL :
POWER : 120VAC
MEMO : Intel Core (TM) i7 CPU U620 1.07GHz
MEMO : D-SUB:1024*600 , LAN1:100M , LAN2:1G

	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	237.996	29.84	-7.16	37.00	43.01	11.68	1.97	26.82	QP	---	---
2	375.000	31.24	-5.76	37.00	40.24	15.73	2.50	27.23	Peak	---	---
3	500.000	31.07	-5.93	37.00	38.21	18.06	2.80	28.00	Peak	---	---
4	625.000	30.65	-6.35	37.00	35.02	20.38	3.25	28.00	Peak	---	---
5	671.270	31.55	-5.45	37.00	35.44	20.63	3.48	28.00	Peak	---	---
6 @	720.000	32.69	-4.31	37.00	36.01	21.02	3.64	27.98	Peak	---	---
7 @	767.260	33.57	-3.43	37.00	36.17	21.60	3.73	27.93	Peak	---	---
8 @	1000.000	33.62	-3.38	37.00	31.72	24.90	4.40	27.40	Peak	---	---

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

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

FRONT VIEW



REAR VIEW

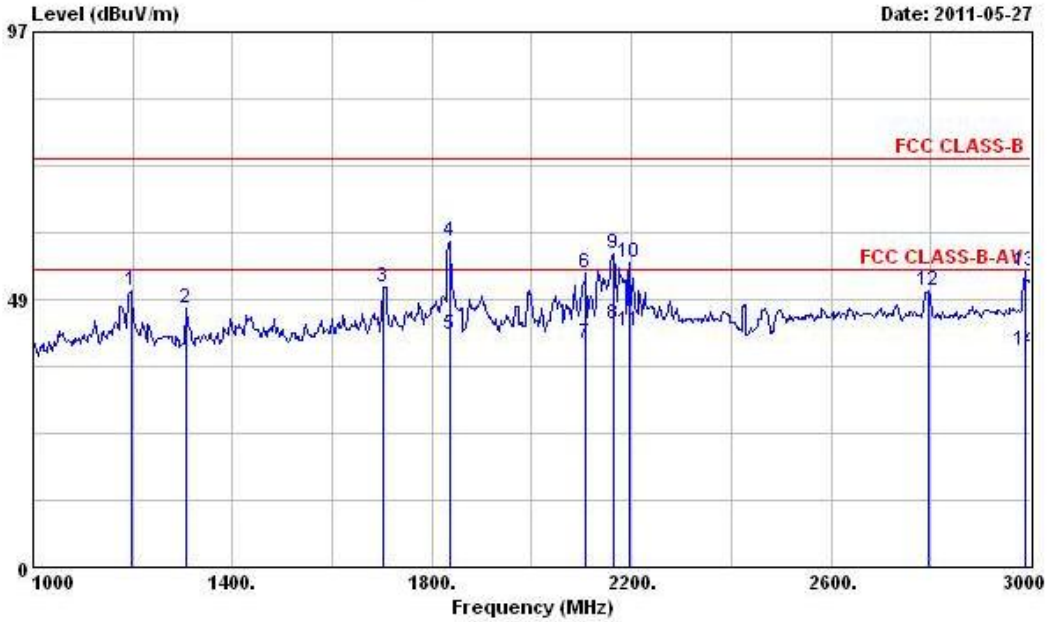
6.6 Test Result of Radiated Emission (Above 1GHz)

Frequency Range of Test	From 1000MHz to 13000MHz	Test Distance	1m/3m
Test Mode	Mode 1	Temperature	24℃
Test Engineer	Daniel Hsu	Humidity	54%

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

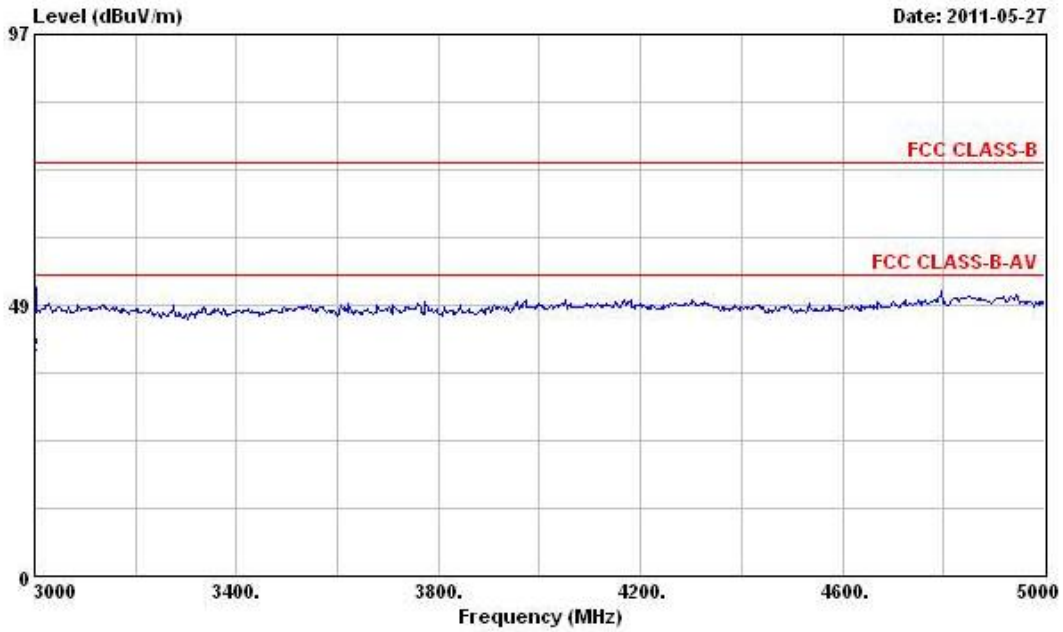
2. Corrected Reading : Antenna Factor + Cable Loss + Read Level – Preamp Factor = Level

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



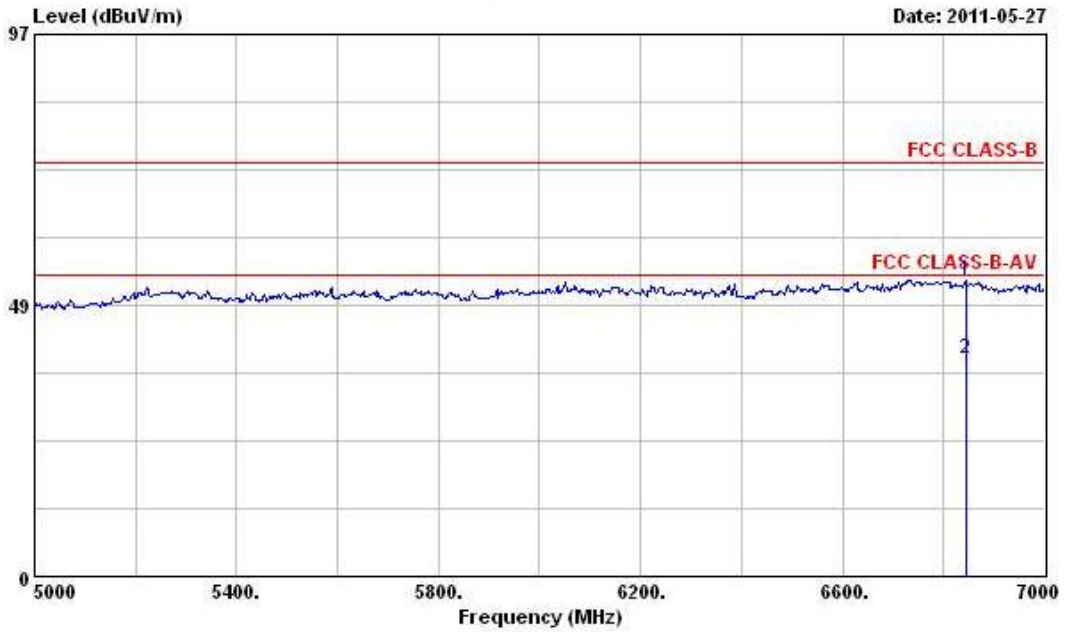
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-V VERTICAL
EUT :
Power : 120V/60Hz
Model : RTC-1000i
Memo : D-sub to LCD :800X600 ,75Hz

		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		1196.000	50.18	-23.82	74.00	55.39	27.44	1.99	34.64	Peak	---	---
2		1308.000	46.99	-27.01	74.00	51.71	27.71	2.11	34.54	Peak	---	---
3		1702.000	50.73	-23.27	74.00	53.12	29.16	2.46	34.01	Peak	---	---
4		1836.000	59.01	-14.99	74.00	60.47	29.80	2.56	33.82	Peak	---	---
5		1836.000	42.24	-11.76	54.00	43.70	29.80	2.56	33.82	Average	---	---
6		2108.000	53.15	-20.85	74.00	53.13	30.97	2.78	33.73	Peak	---	---
7		2108.000	40.46	-13.54	54.00	40.44	30.97	2.78	33.73	Average	---	---
8	@	2164.000	44.09	-9.91	54.00	43.93	31.16	2.84	33.84	Average	100	20
9		2164.000	56.69	-17.31	74.00	56.53	31.16	2.84	33.84	Peak	---	---
10		2196.000	55.31	-18.69	74.00	55.03	31.28	2.87	33.87	Peak	---	---
11		2196.000	42.83	-11.17	54.00	42.55	31.28	2.87	33.87	Average	---	---
12		2796.000	50.10	-23.90	74.00	48.07	32.88	3.29	34.14	Peak	---	---
13		2988.000	53.57	-20.43	74.00	51.00	33.17	3.42	34.02	Peak	---	---
14		2988.000	39.35	-14.65	54.00	36.78	33.17	3.42	34.02	Average	---	---



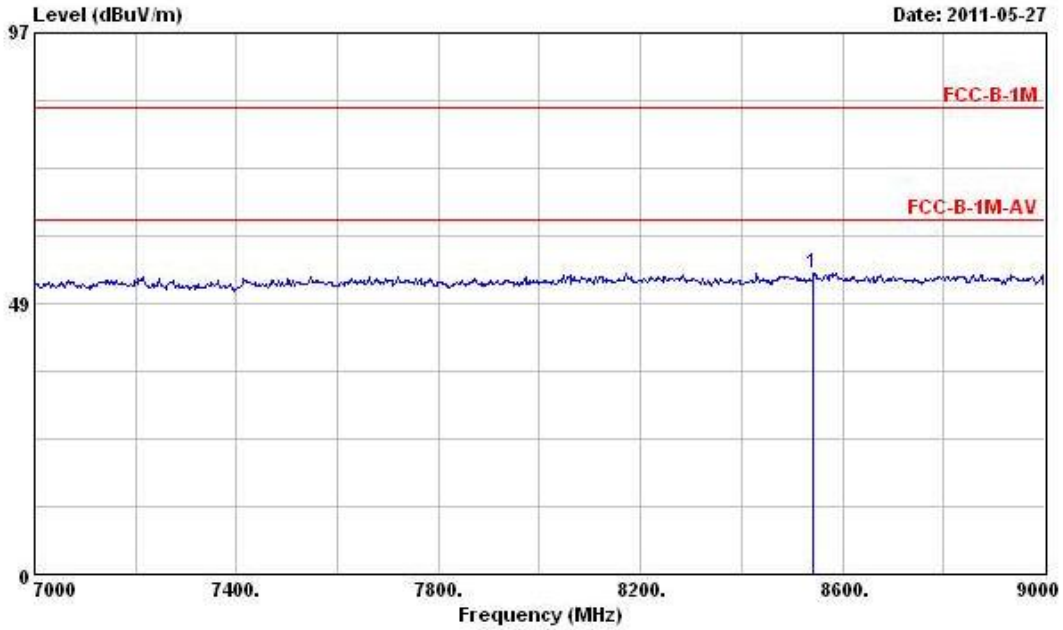
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-V VERTICAL
EUT :
Power : 120V/60Hz
Model : RTC-1000i
Memo : D-sub to LCD :800X600 ,75Hz

	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	3000.000	53.53	-20.47	74.00	50.93	33.20	3.42	34.02	Peak	---	---
2	3000.000	39.37	-14.63	54.00	36.77	33.20	3.42	34.02	Average	---	---



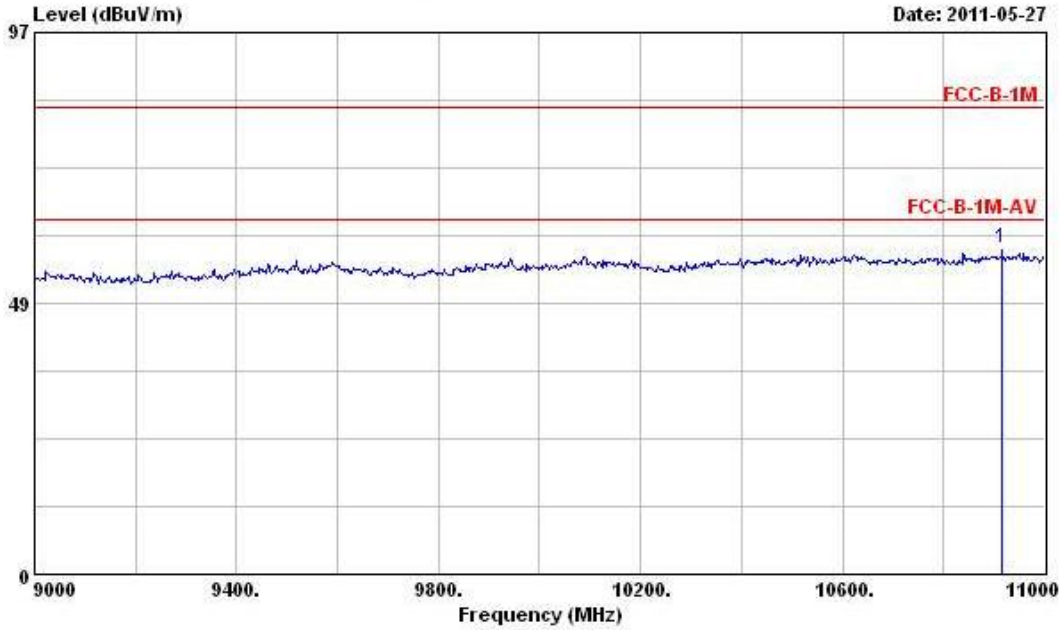
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-V VERTICAL
EUT :
Power : 120V/60Hz
Model : RTC-1000i
Memo : D-sub to LCD :800X600 ,75Hz

	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	6844.000	53.08	-20.92	74.00	45.08	36.71	5.57	34.28	Peak	---	---
2	6844.000	39.08	-14.92	54.00	31.08	36.71	5.57	34.28	Average	---	---



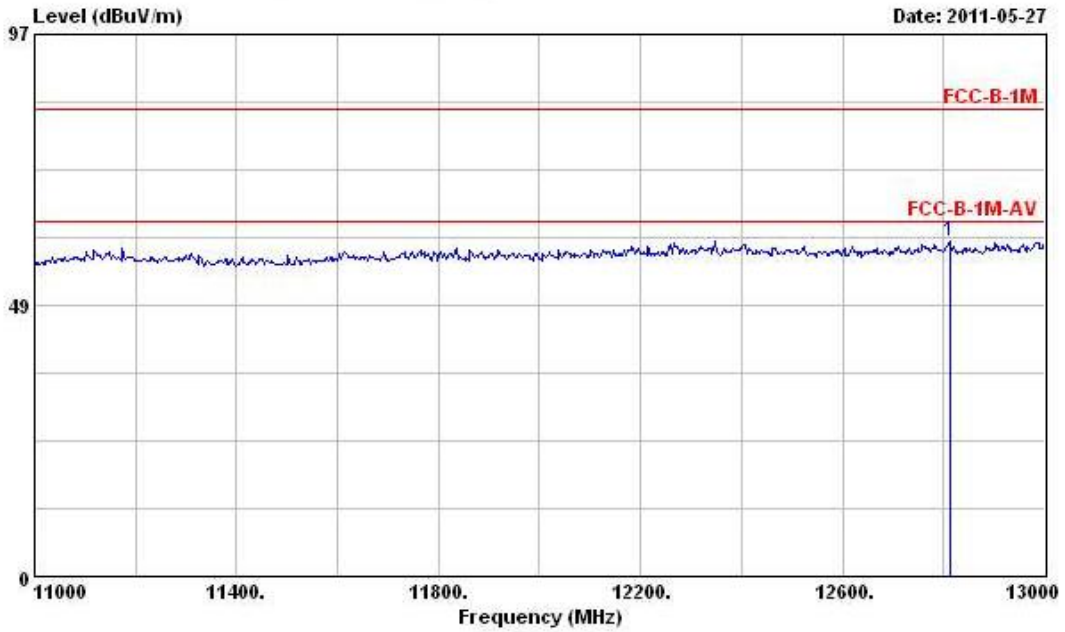
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M VERTICAL
EUT :
Power : 120V/60Hz
Model : RTC-1000i
Memo : D-sub to LCD :800X600 ,75Hz

	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	8542.000	54.06	-29.48	83.54	43.90	38.46	5.96	34.26	Peak	---	---



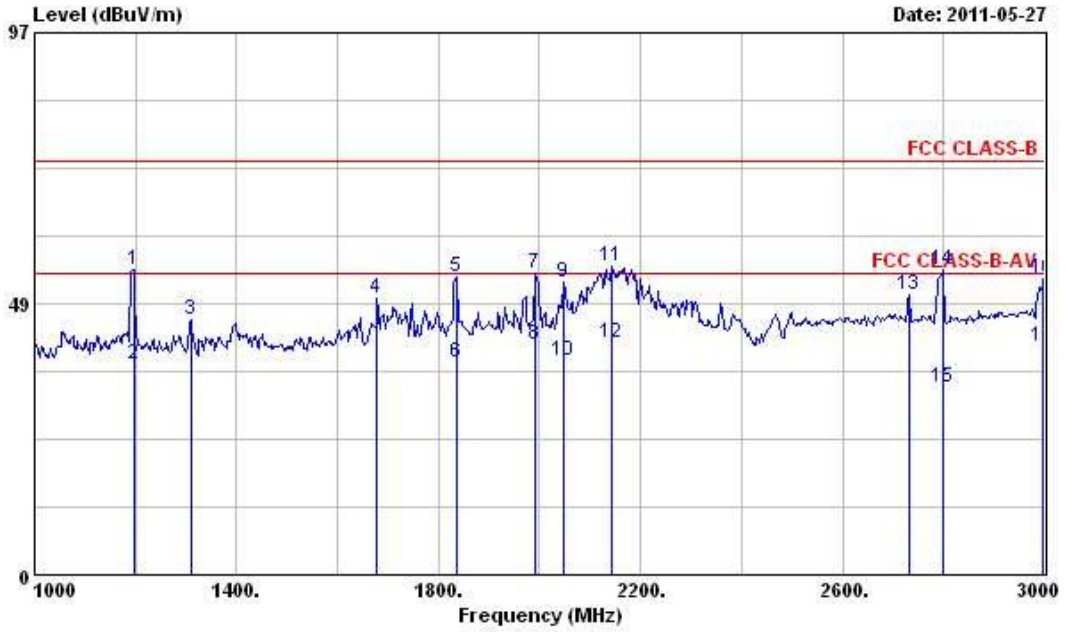
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M VERTICAL
EUT :
Power : 120V/60Hz
Model : RTC-1000i
Memo : D-sub to LCD :800X600 ,75Hz

	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	10916.000	58.43	-25.11	83.54	44.45	40.35	7.12	33.49	Peak	---	---



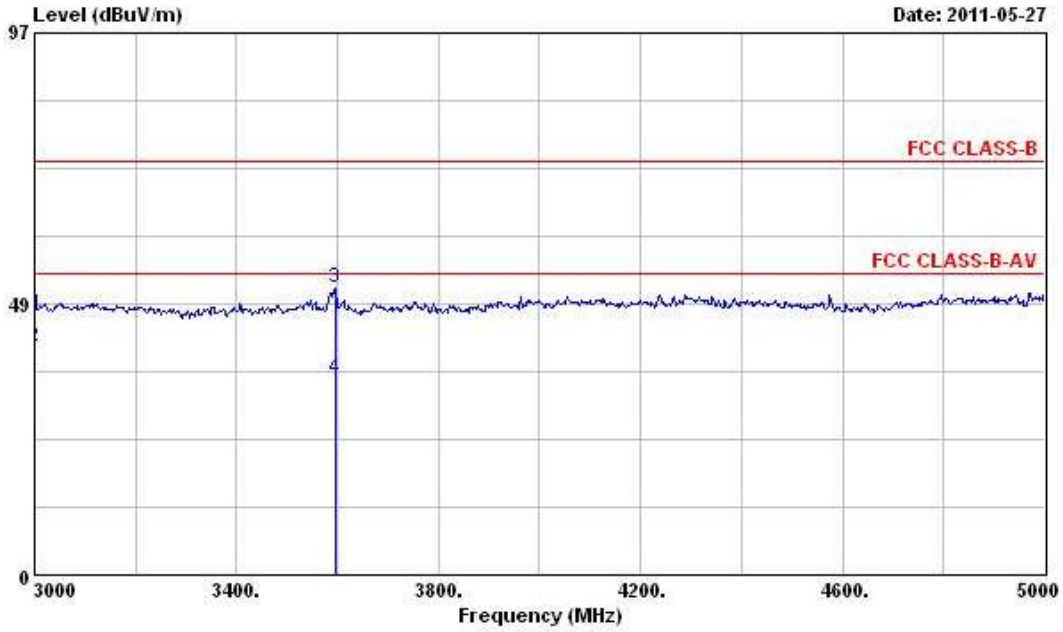
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M VERTICAL
EUT :
Power : 120V/60Hz
Model : RTC-1000i
Memo : D-sub to LCD :800X600 ,75Hz

	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	12812.000	59.95	-23.59	83.54	44.45	41.40	7.08	32.98	Peak	---	---



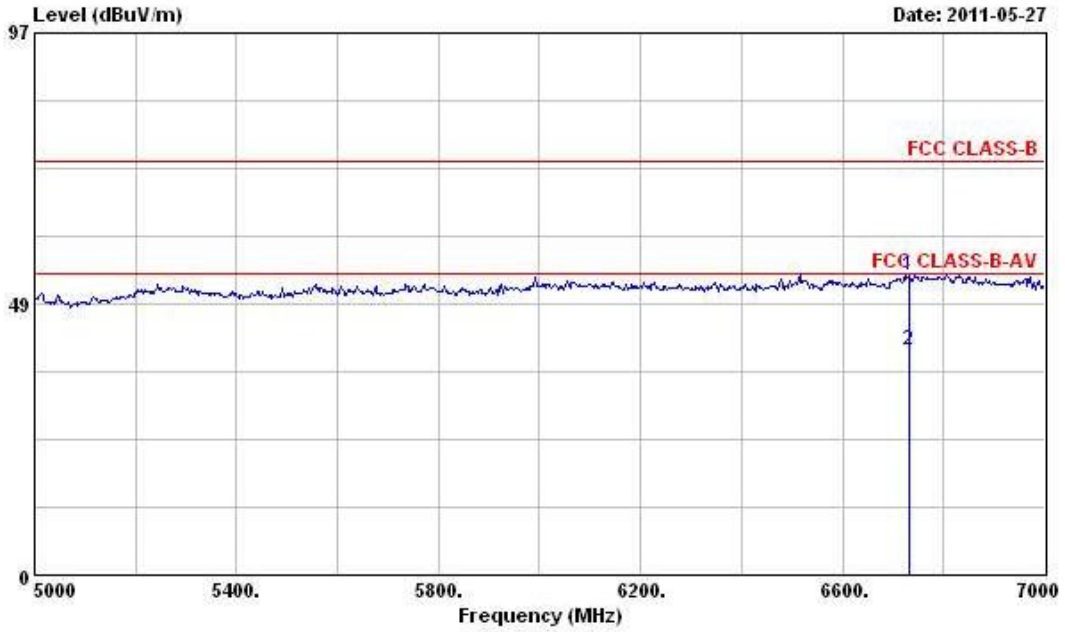
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-H HORIZONTAL
EUT :
Power : 120V/60Hz
Model : RTC-1000i
Memo : D-sub to LCD :800X600 ,75Hz

	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	1196.000	54.57	-19.43	74.00	59.95	27.27	1.99	34.64	Peak	---	---
2	1196.000	37.69	-16.31	54.00	43.07	27.27	1.99	34.64	Average	---	---
3	1310.000	45.51	-28.49	74.00	50.59	27.35	2.11	34.54	Peak	---	---
4	1678.000	49.38	-24.62	74.00	52.51	28.49	2.43	34.05	Peak	---	---
5	1836.000	53.40	-20.60	74.00	55.36	29.30	2.56	33.82	Peak	---	---
6	1836.000	37.90	-16.10	54.00	39.86	29.30	2.56	33.82	Average	---	---
7	1990.000	53.98	-20.02	74.00	54.77	30.11	2.69	33.59	Peak	---	---
8	1990.000	41.21	-12.79	54.00	42.00	30.11	2.69	33.59	Average	---	---
9	2046.000	52.31	-21.69	74.00	52.81	30.41	2.75	33.66	Peak	---	---
10	2046.000	38.39	-15.61	54.00	38.89	30.41	2.75	33.66	Average	---	---
11	2142.000	55.23	-18.77	74.00	55.47	30.75	2.81	33.80	Peak	---	---
12	2142.000	41.48	-12.52	54.00	41.72	30.75	2.81	33.80	Average	---	---
13	2732.000	50.02	-23.98	74.00	48.19	32.76	3.24	34.17	Peak	---	---
14	2798.000	54.53	-19.47	74.00	52.44	32.92	3.29	34.12	Peak	---	---
15	2798.000	33.55	-20.45	54.00	31.46	32.92	3.29	34.12	Average	---	---
16	2998.000	52.95	-21.05	74.00	50.15	33.40	3.42	34.02	Peak	---	---
17	2998.000	40.78	-13.22	54.00	37.98	33.40	3.42	34.02	Average	---	---



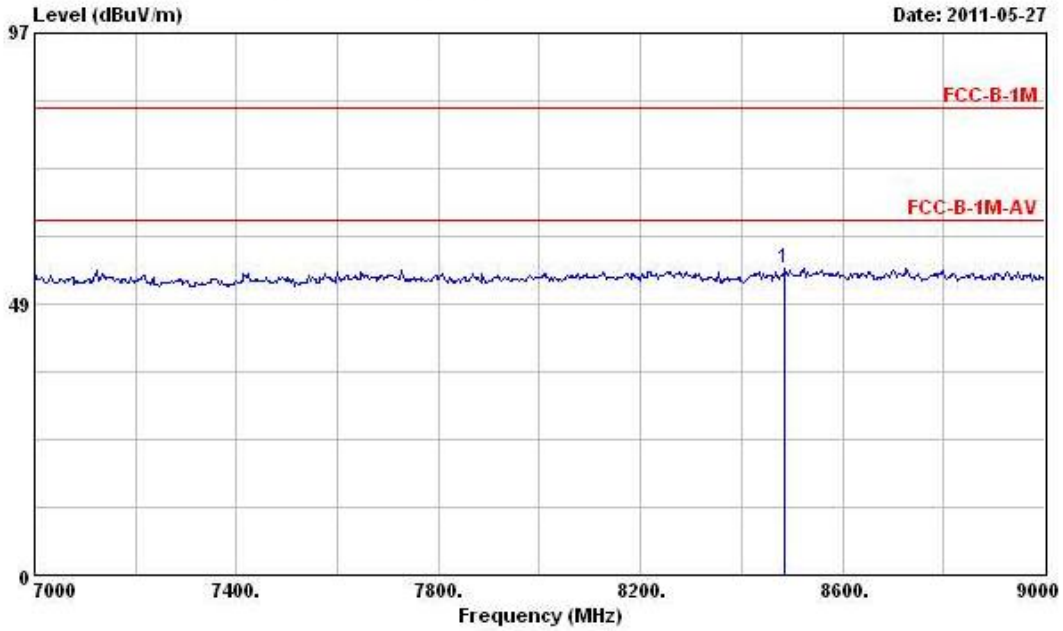
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-H HORIZONTAL
EUT :
Power : 120V/60Hz
Model : RTC-1000i
Memo : D-sub to LCD :800X600 ,75Hz

	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	3000.000	51.39	-22.61	74.00	48.59	33.40	3.42	34.02	Peak	---	---
2	3000.000	40.78	-13.22	54.00	37.98	33.40	3.42	34.02	Average	---	---
3	3596.000	51.24	-22.76	74.00	48.38	33.61	3.92	34.67	Peak	---	---
4	3596.000	34.96	-19.04	54.00	32.10	33.61	3.92	34.67	Average	---	---



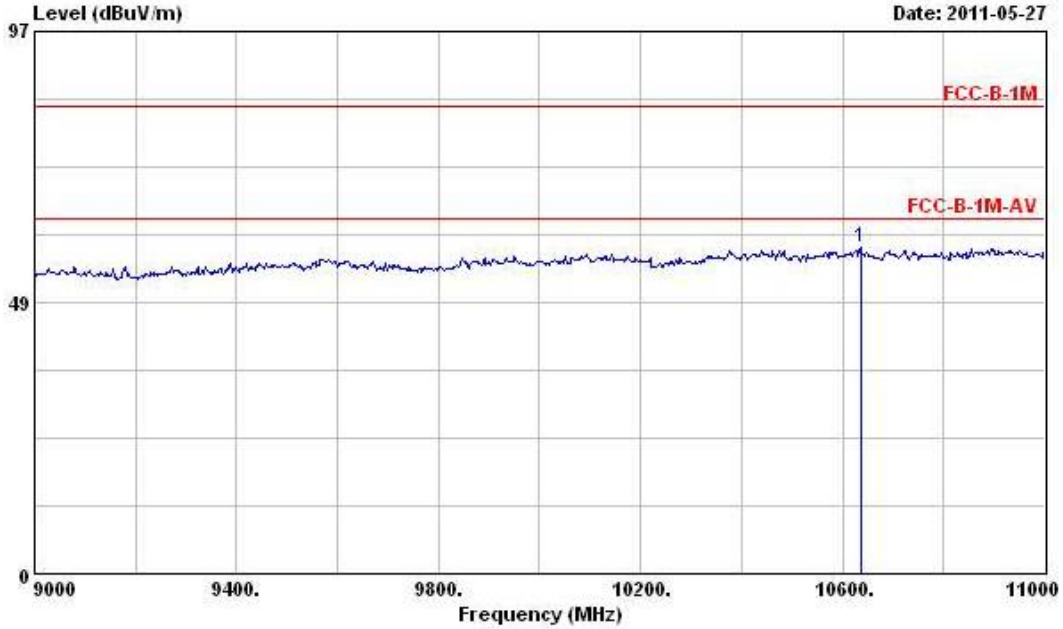
Site : 03CH02-HY
Condition : FCC CLASS-B 3m HORN-3117-091126-H HORIZONTAL
EUT :
Power : 120V/60Hz
Model : RTC-1000i
Memo : D-sub to LCD :800X600 ,75Hz

	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	6732.000	53.69	-20.31	74.00	44.81	37.63	5.54	34.29	Peak	---	---
2	6732.000	40.14	-13.86	54.00	31.26	37.63	5.54	34.29	Average	---	---



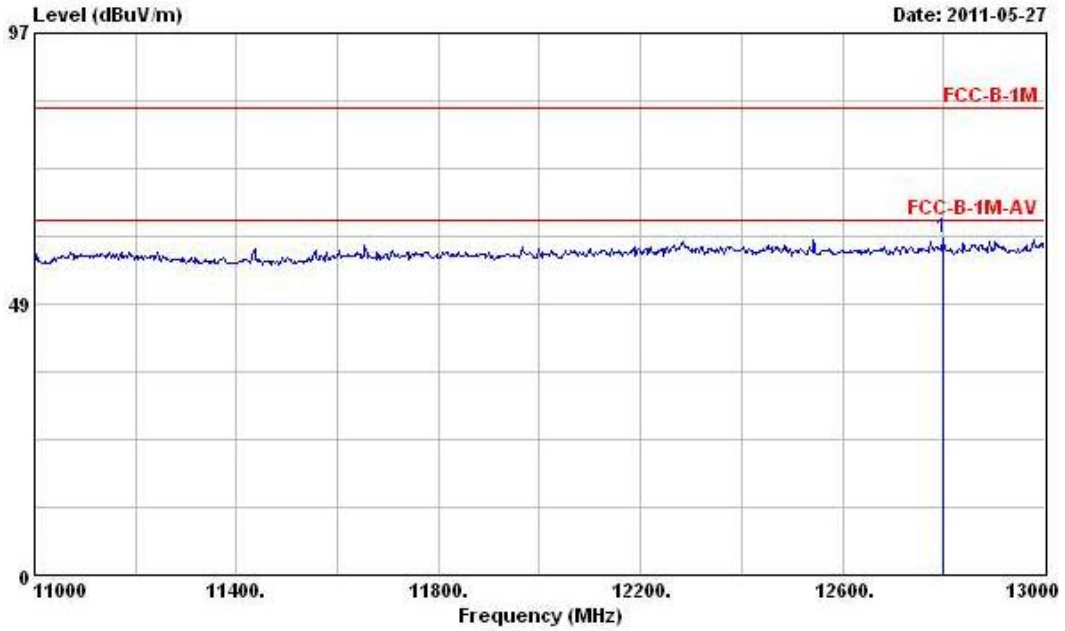
Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M HORIZONTAL
EUT :
Power : 120V/60Hz
Model : RTC-1000i
Memo : D-sub to LCD :800X600 ,75Hz

	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	8486.000	54.81	-28.73	83.54	44.58	38.49	5.94	34.20	Peak	---	---



Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M HORIZONTAL
EUT :
Power : 120V/60Hz
Model : RTC-1000i
Memo : D-sub to LCD :800X600 ,75Hz

	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	10636.000	58.51	-25.03	83.54	45.24	40.18	6.93	33.84	Peak	---	---



Site : 03CH02-HY
Condition : FCC-B-1M 1m HORN-3117-1M HORIZONTAL
EUT :
Power : 120V/60Hz
Model : RTC-1000i
Memo : D-sub to LCD :800X600 ,75Hz

	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	12798.000	60.22	-23.32	83.54	44.72	41.40	7.08	32.98	Peak	---	---

7. List of Measuring Equipment Used

< For conducted emission >

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Receiver	R&S	ESCS 30	826547/017	9 kHz - 2.75 GHz	Sep. 14, 2010	Conduction (CO01-LK)
LISN	SCHAFFNER	NNB 41	06/10024	9 kHz - 30 MHz	Jan. 12, 2011	Conduction (CO01-LK)
RF Cable-CON	Suhner Switzerland	RG223/U	CB017	9 kHz - 30 MHz	Nov. 04, 2010	Conduction (CO01-LK)
PULSE LIMTER	R&S	ESH3-Z2	20-6120	9 kHz - 30 MHz	May 18. 2011	Conduction (CO01-LK)

※ Calibration Interval of instruments listed above is one year.

< For 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	R&S	FSP	100639	9 kHz - 7GHz	Dec. 22, 2010	Radiation (OS05-LK)
Receiver	R&S	ESCS 30	100168	9 kHz - 2.75 GHz	Nov. 23, 2010	Radiation (OS05-LK)
Bilog Antenna	SCHAFFNER	CBL6111C	2743	30 MHz - 1GHz	May 14, 2011	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. 21, 2011	Radiation (OS05-LK)
RF Cable-R03m	BELDEN	RG8/U	CB014	30 MHz - 1 GHz	Jan. 21, 2011	Radiation (OS05-LK)

※ Calibration Interval of instruments listed above is one year.

< For 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. 11, 2011	Radiation (03CH02-HY)
Amplifier	Agilent	8449B	3008A02373	1GHz – 26.5 GHz	Jul. 23, 2010	Radiation (03CH02-HY)
Horn Antenna	ETS-LINDGREN	3117	00091920	1GHz~18GHz	Nov. 11, 2010	Radiation (03CH02-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX106	03CH02-HY	1GHz~40GHz	Mar. 07, 2011	Radiation (03CH02-HY)

※ Calibration Interval of instruments listed above is one year.

8. TAF Certificate of Accreditation

Certificate No.：L1190-110111

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.

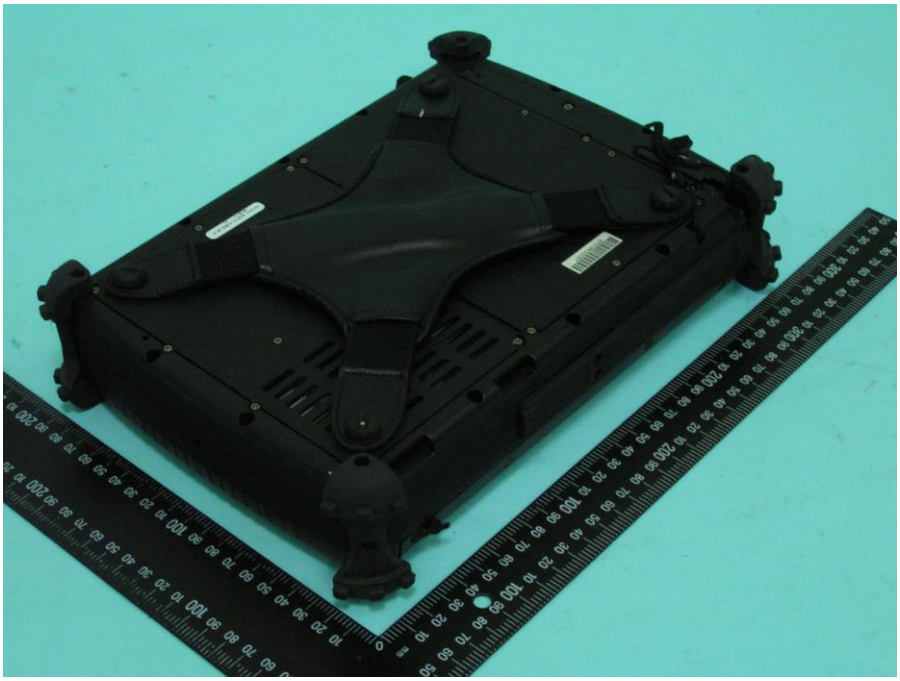
is accredited in respect of laboratory

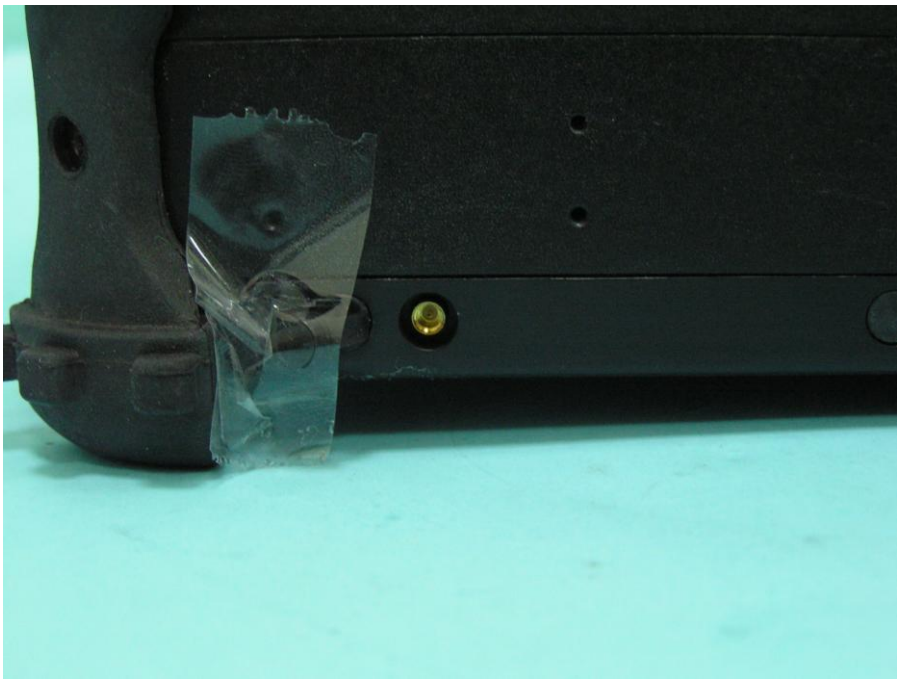
Accreditation Criteria	:	ISO/IEC 17025:2005
Accreditation Number	:	1190
Originally Accredited	:	December 15, 2003
Effective Period	:	January 10, 2010 to January 09, 2013
Accredited Scope	:	Testing Field, see described in the Appendix
Specific Accreditation Program	:	Accreditation Program for Designated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

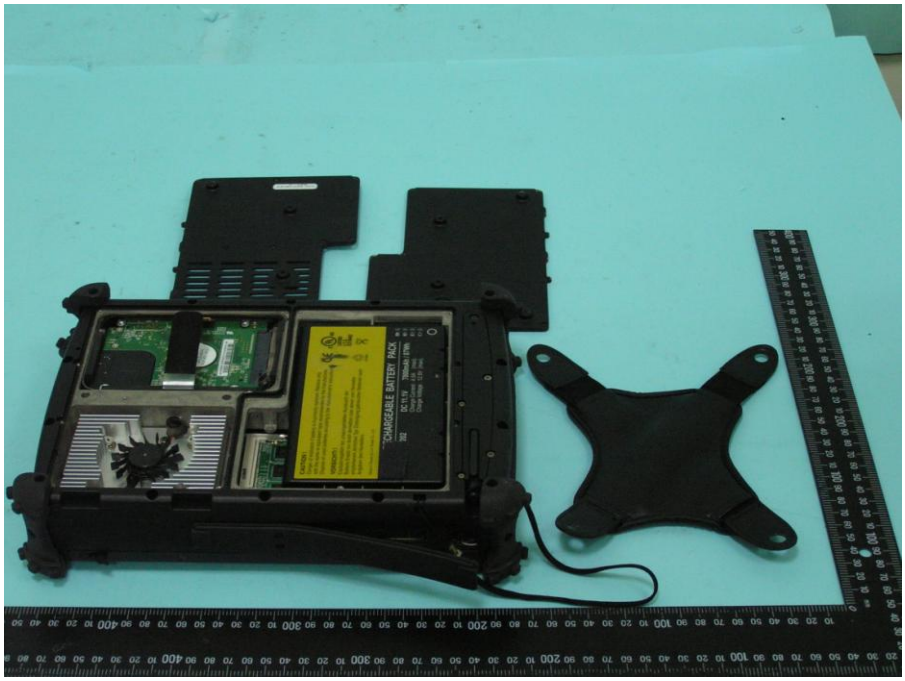
Jay-San Chen
President, Taiwan Accreditation Foundation
Date：January 11, 2011

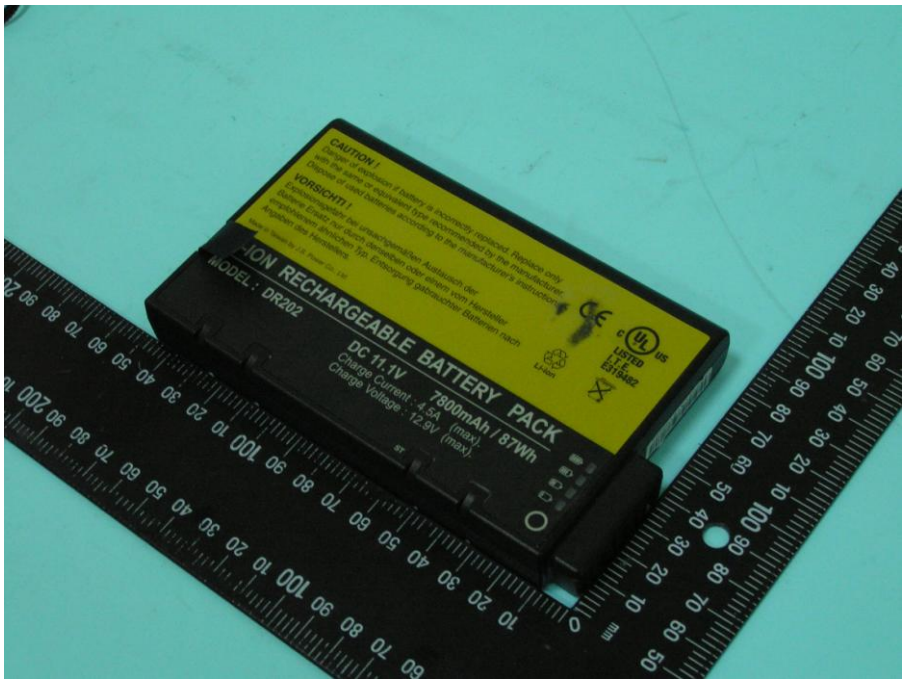
P1, total 24 pages

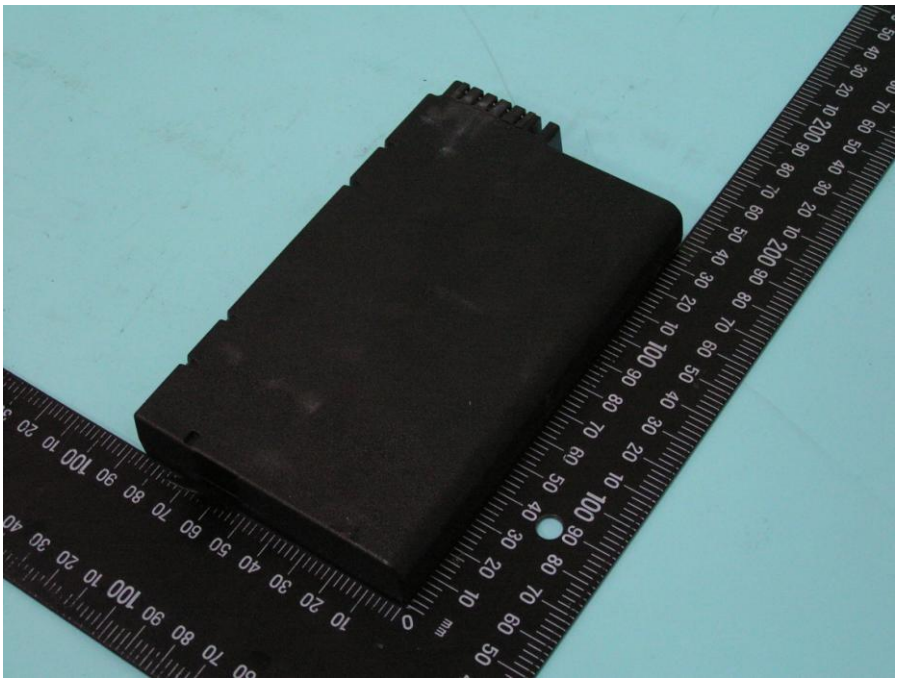
APPENDIX A. Photographs of EUT



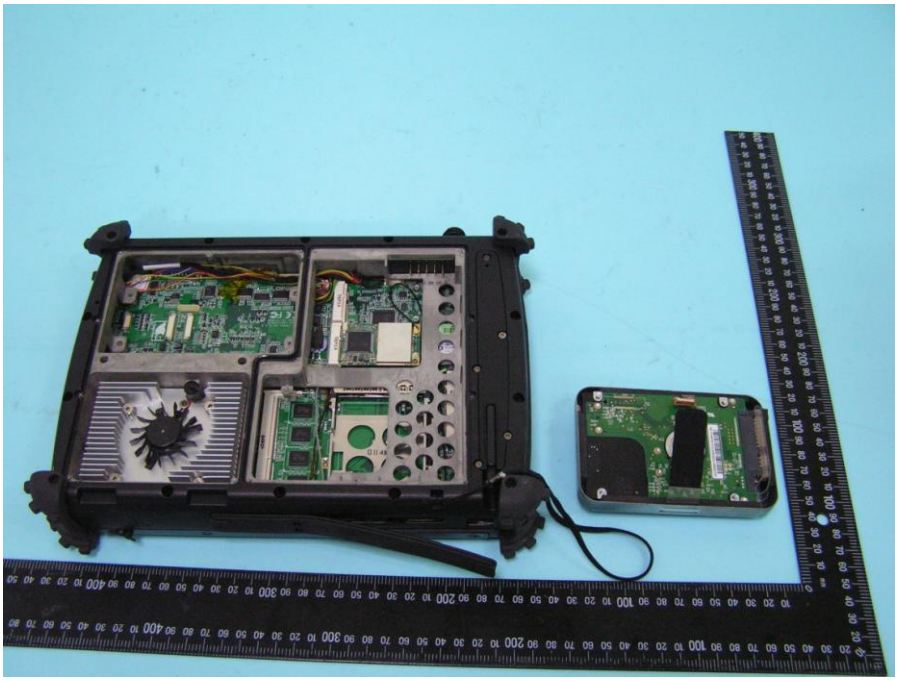




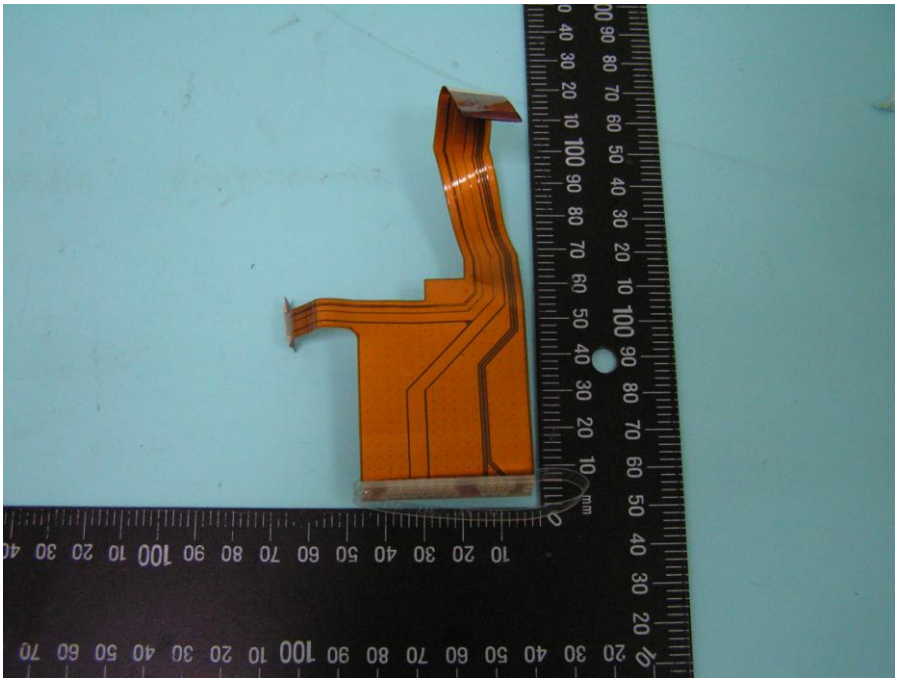

CAUTION !
VORSICHT !
ION RECHARGEABLE BATTERY PACK
MODEL : DR202
DC 11.1V 7800mAh / 87Wh
Charge Current : 4.5A (max).
Charge Voltage : 12.9V (max).

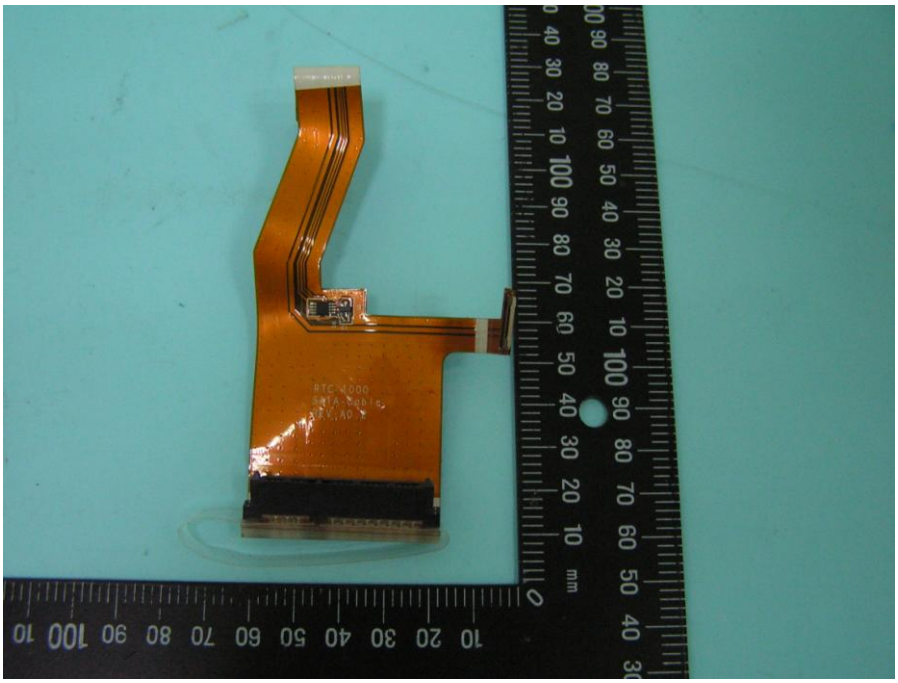


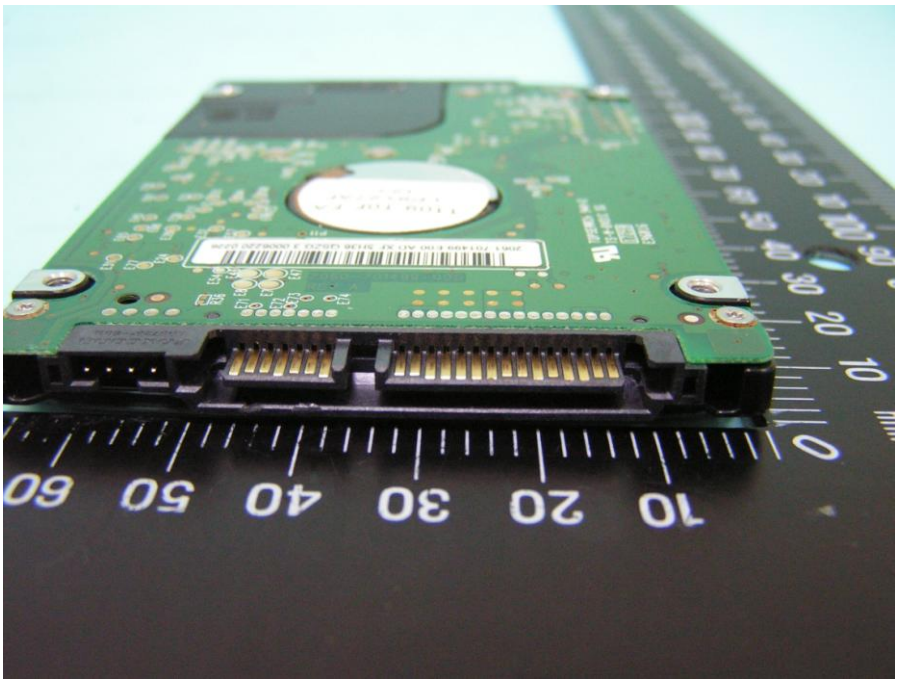

CAUTION !
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.
VORSICHTI !
Explosionsgefahr bei unsachgemäßen Austausch der Batterie Ersatz nur durch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



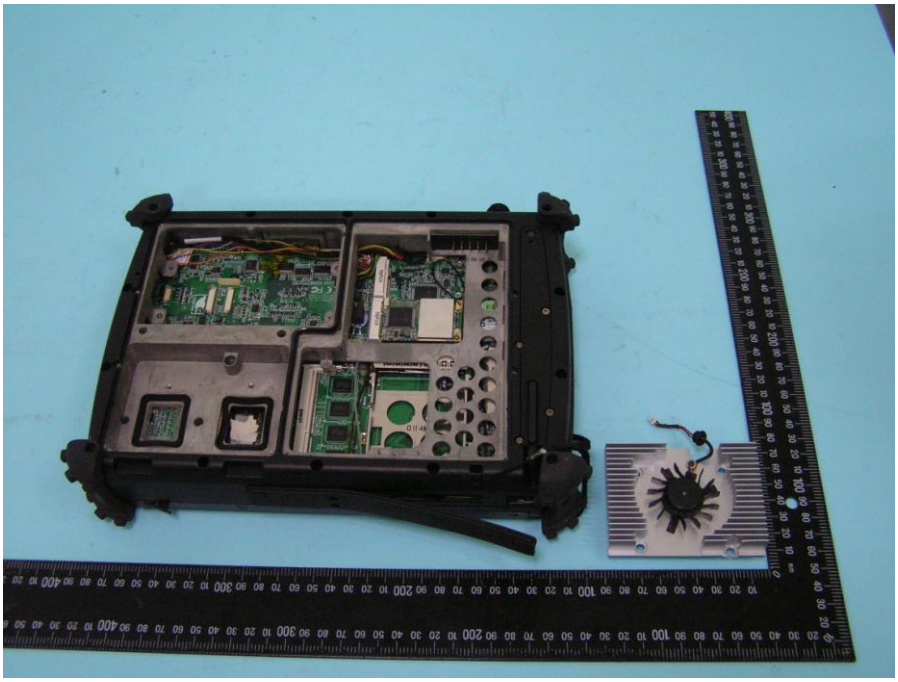

WD800BEVT

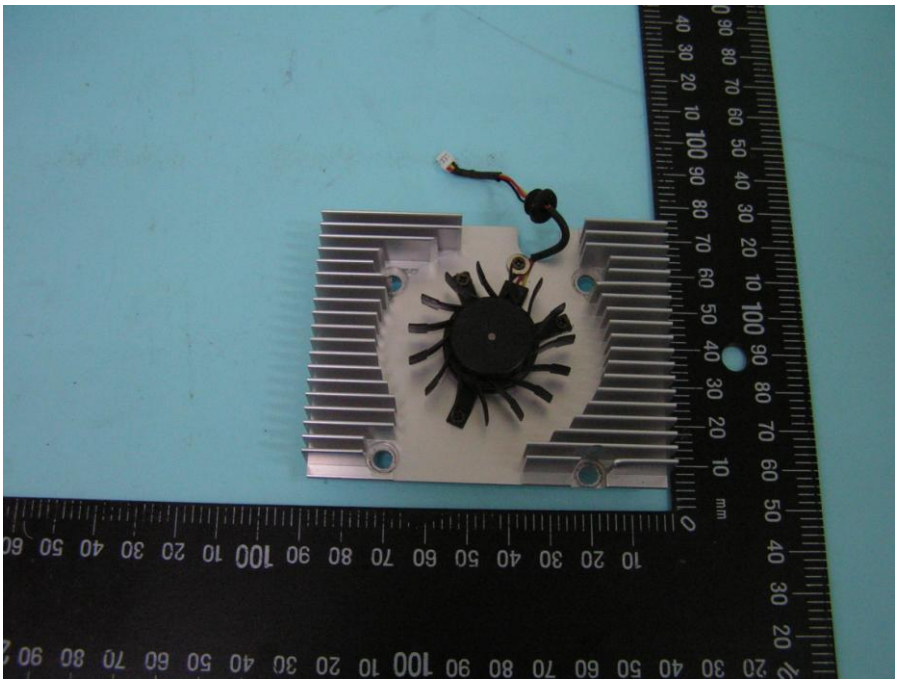


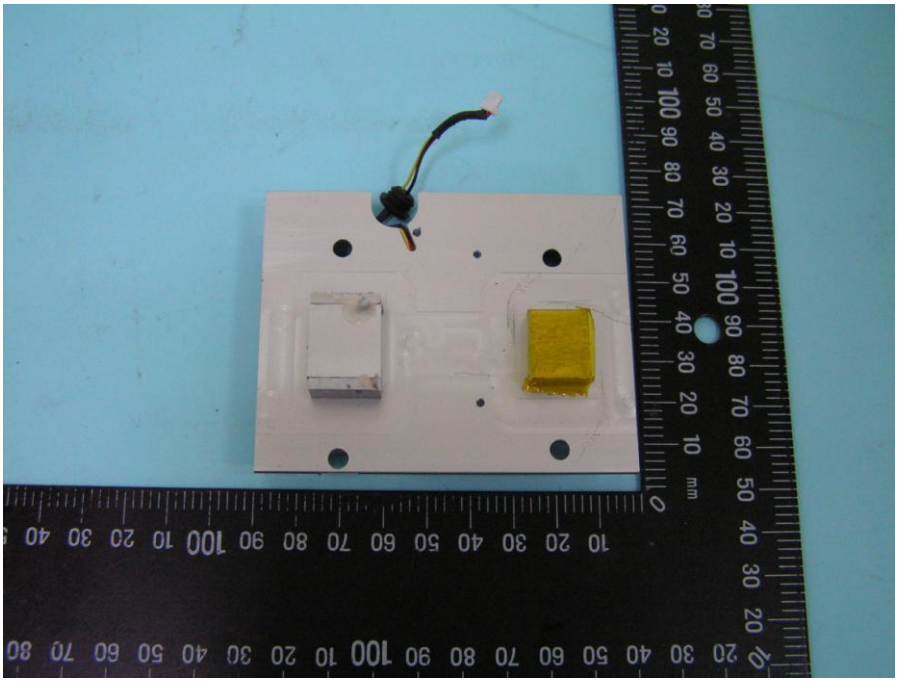


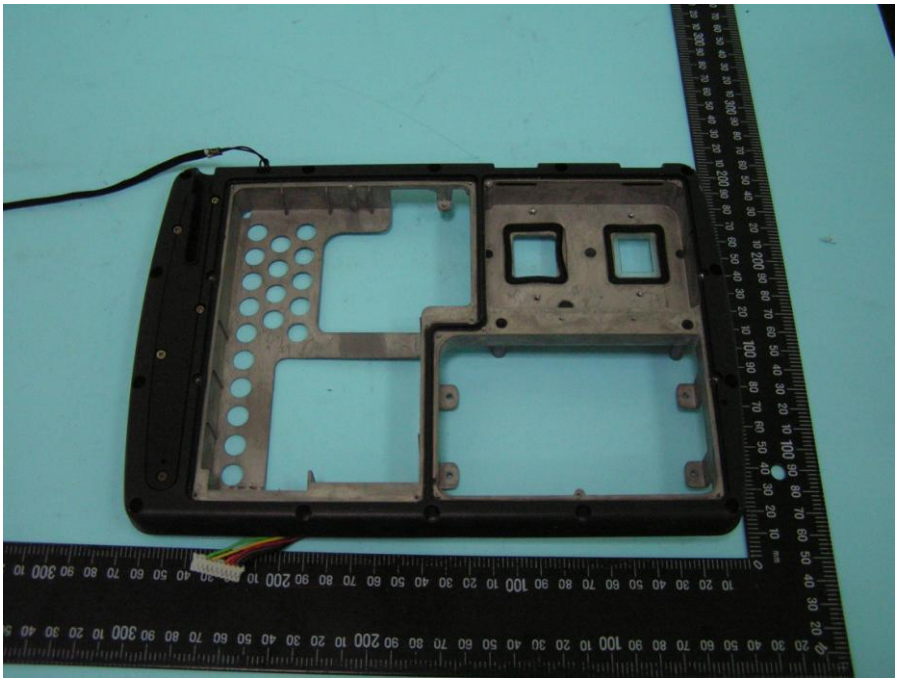


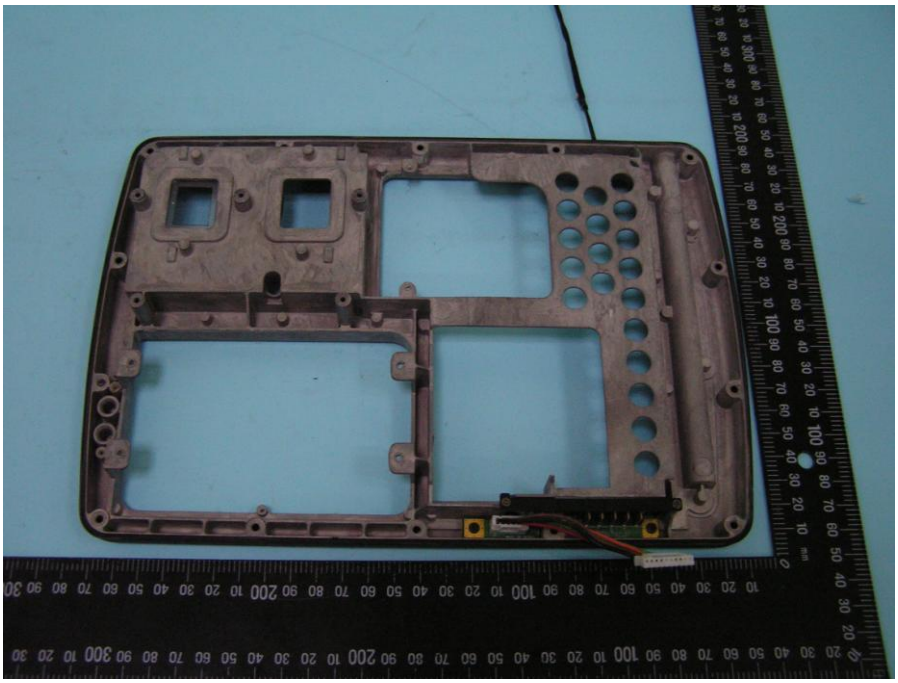

FRAGILE
DO NOT COVER ANY DRIVE HOLES
WD
www.westerndigital.com
80GB
WD800BEVT
S/N : WXC0AB9P8503
P/N: XXXXXX-XXX
CT: XXXXXXXXXXXXX
MDL : WD800BEVT-22ZCT0
Product warranty will be void if seal, label or cover is removed or damaged.
Do not press on top cover.
WWN:50014EE203C25FFA
DATE: 09 DEC 2009
LBA : 156301488
DCM : HHOT2HNB
5VDC : 0.55A
DCX : P000ZBRC8
R/N : 701499
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-701499(B)
ECS
WD Scorpio® Blue™

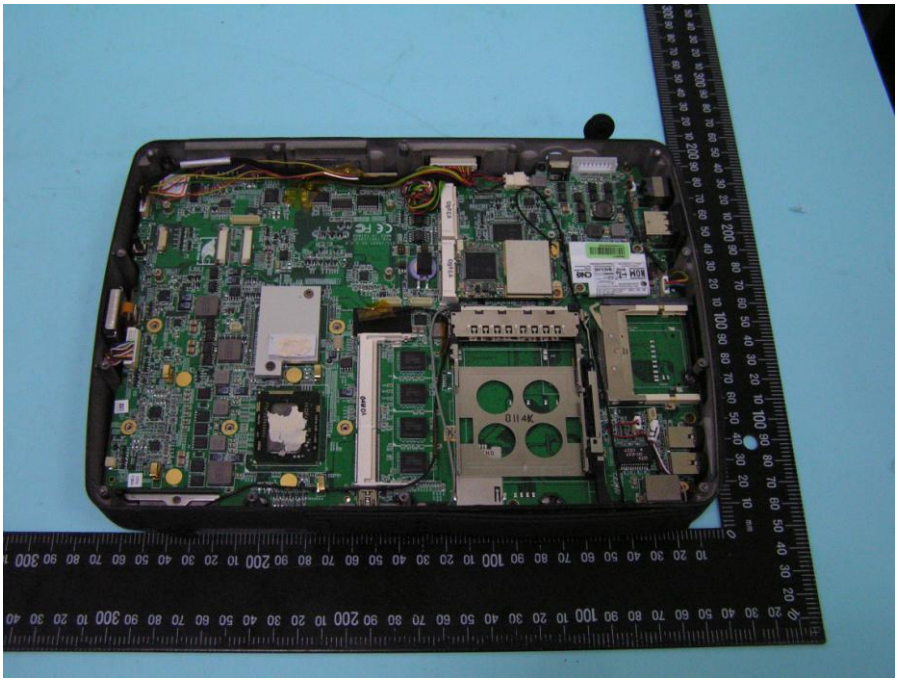


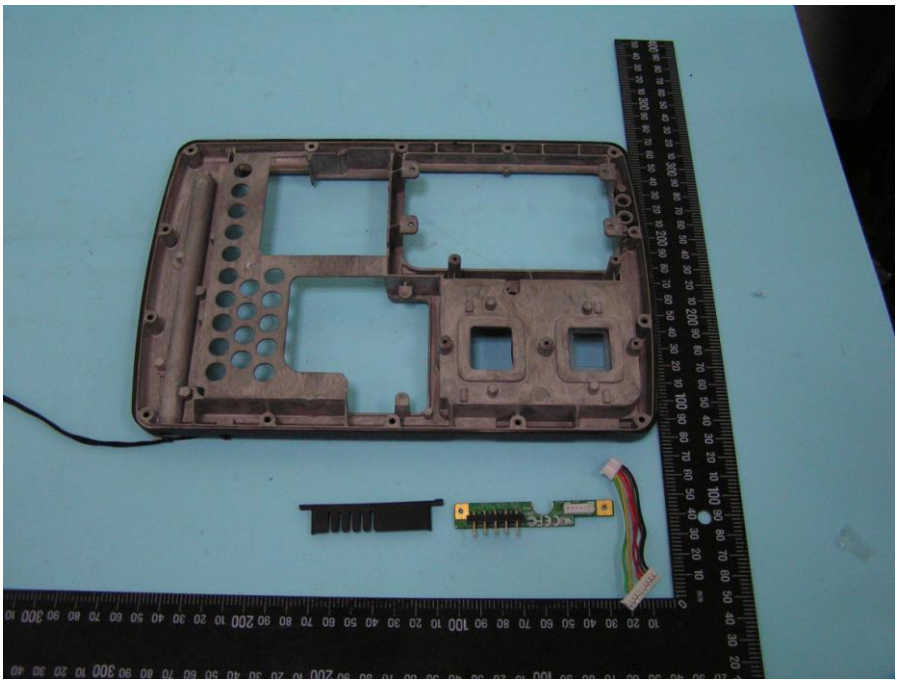


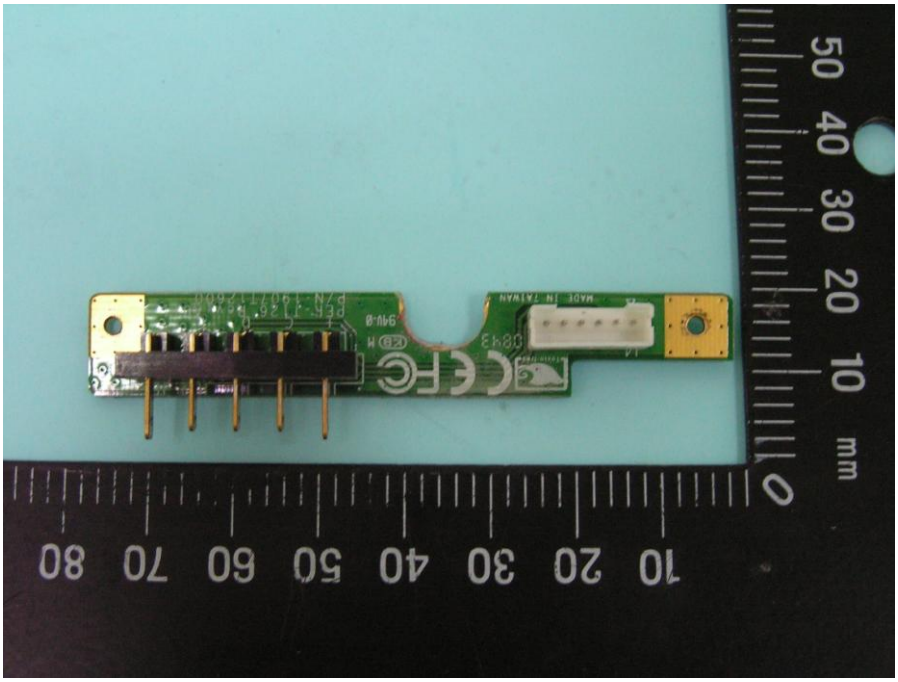








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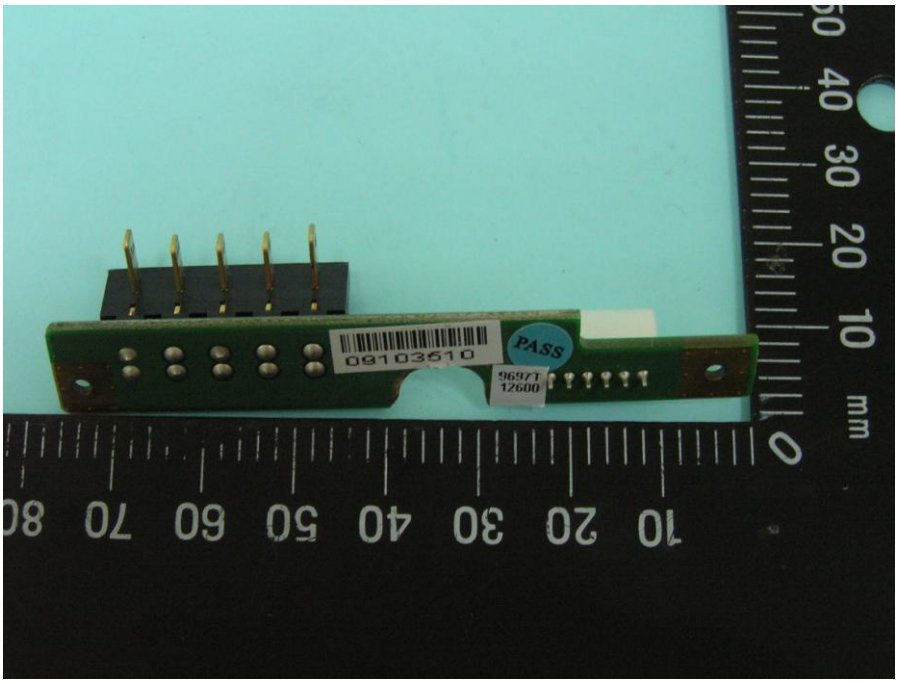
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9697T
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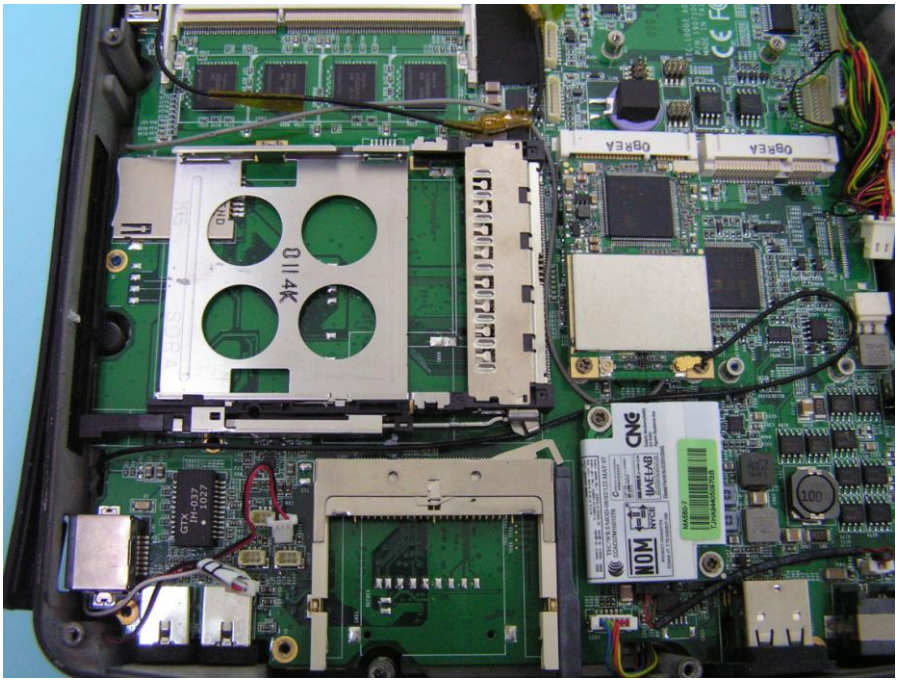
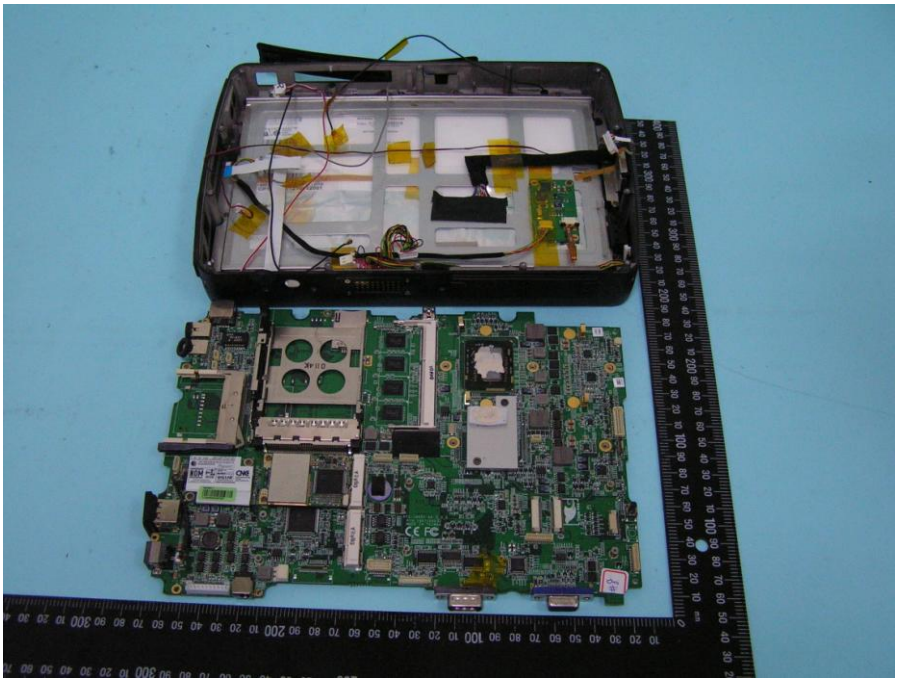
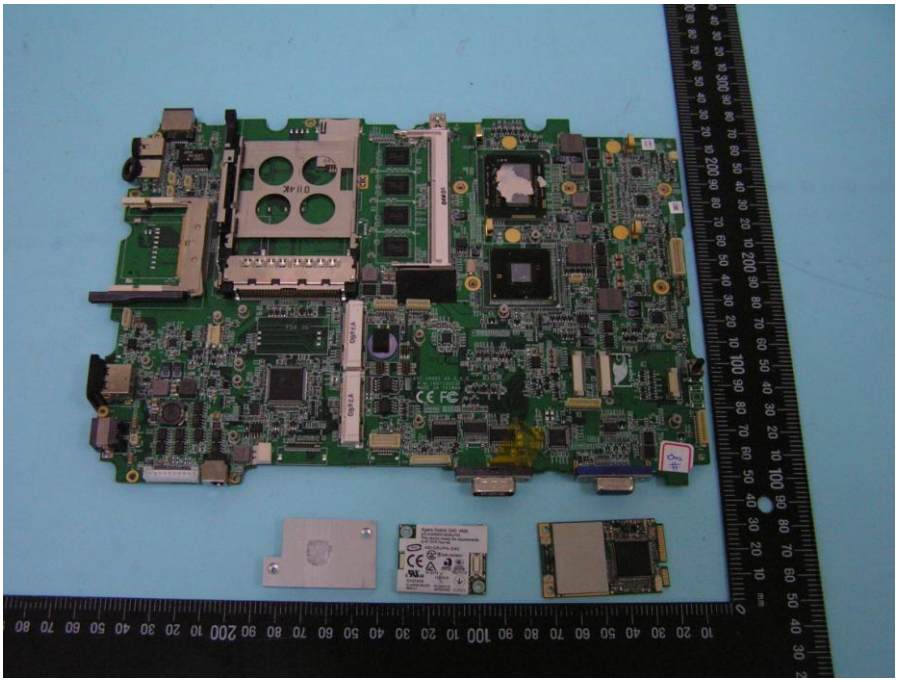
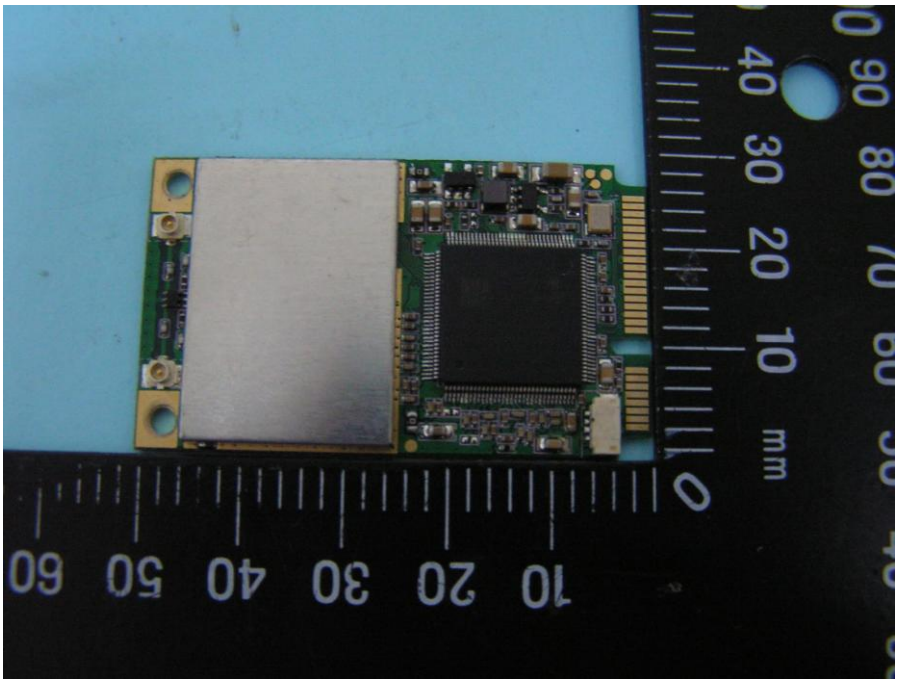
mm

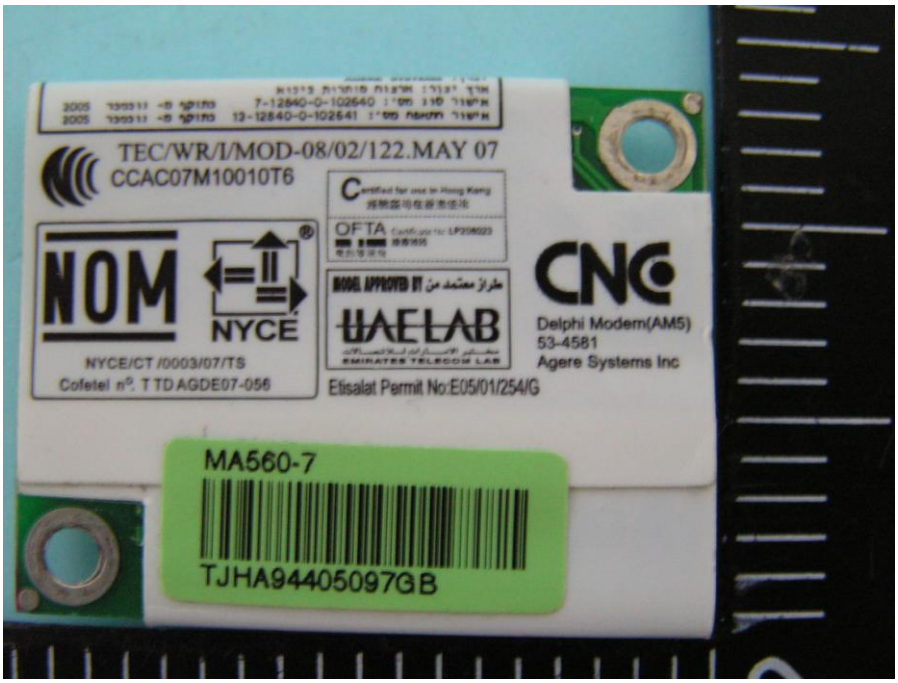









Agere Delphi D40 AM5
US:AGSMD01BDELPHI
This device meets the requirements
of 47 CFR Part 68.
ASI-DELPHI-D40
A06-0433001
ANATEL
0455-06-2565
A039945
Rating: 3.3Vdc
N12075
E252809
IC:4005B-DELPHI
REN:0.1
TE-2005/174
APPROVED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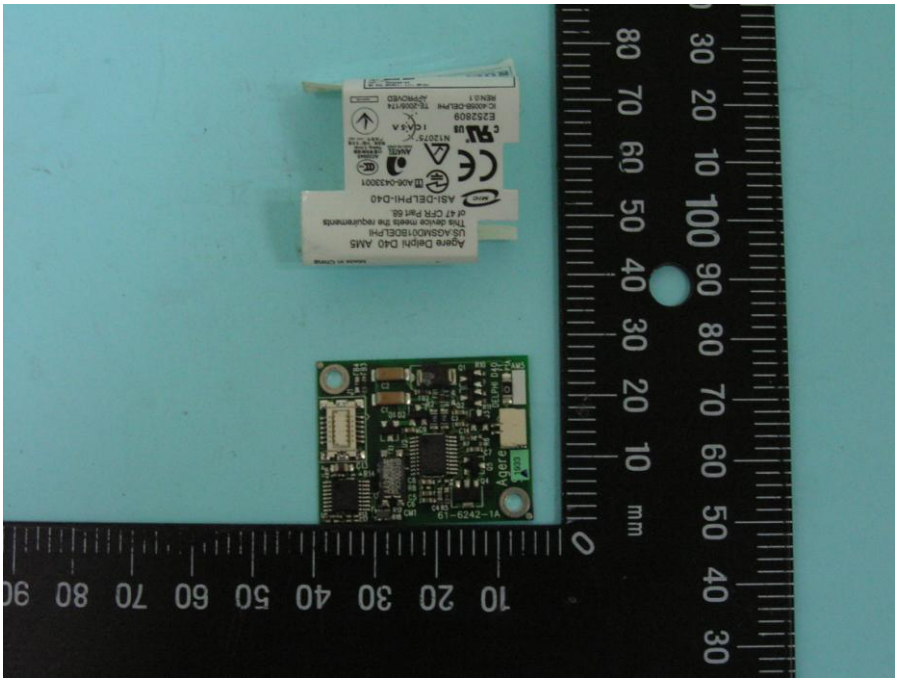
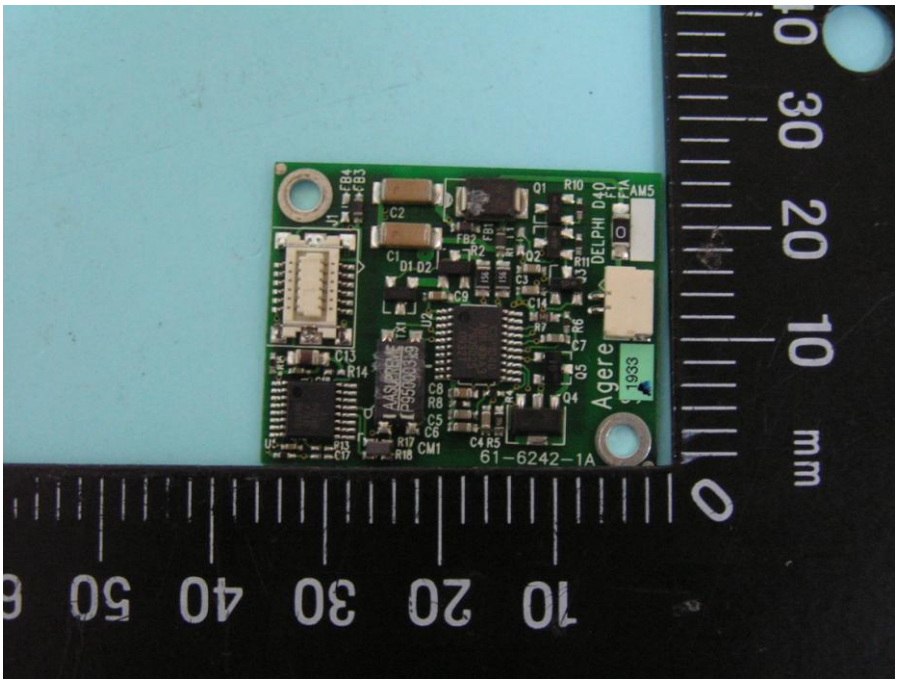
CCAC07M10010T6
NOM
NYCE
NYCE/CT /0003/07/TS
Cofetel n°. T TD AGDE07-056
MODEL APPROVED BY
HAELAB
EMIRATES TELECOM LAB
Etisalat Permit No:E05/01/254/G
CNC
Delphi Modem(AM5)
53-4581
Agere Systems Inc
MA560-7
TJHA94405097GB

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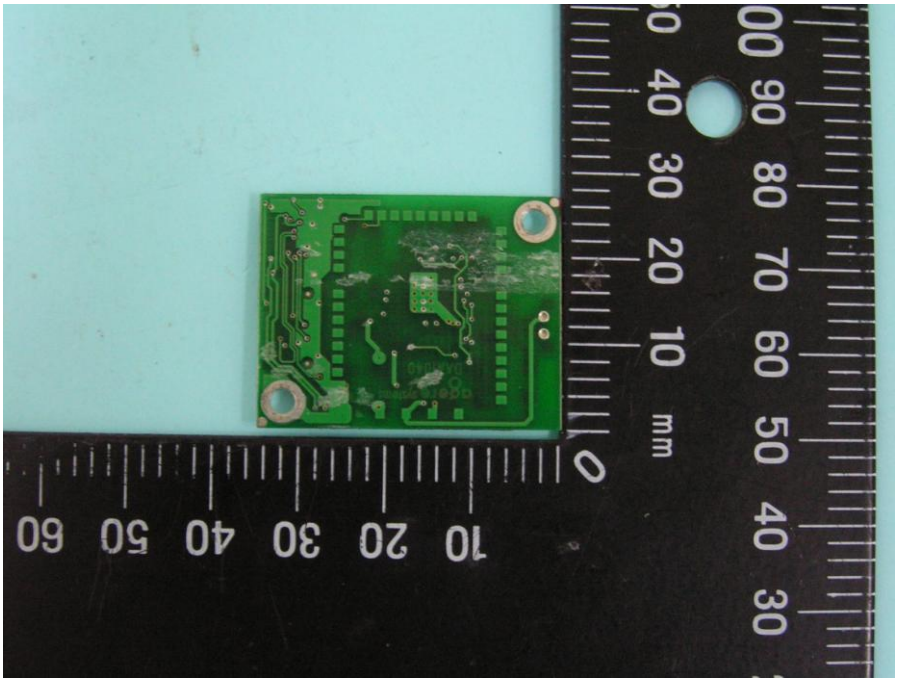
Agere
mm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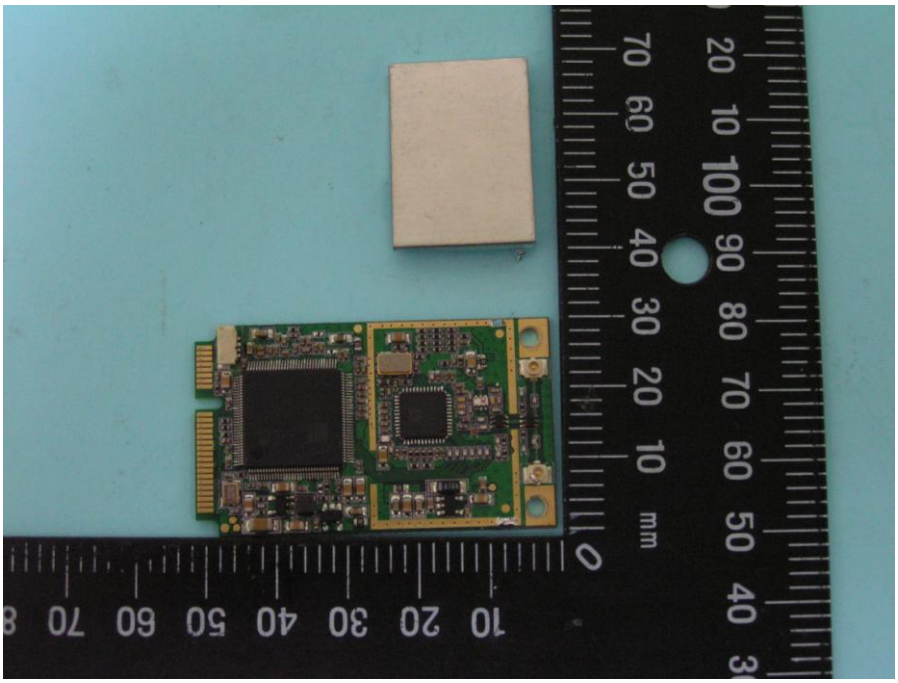

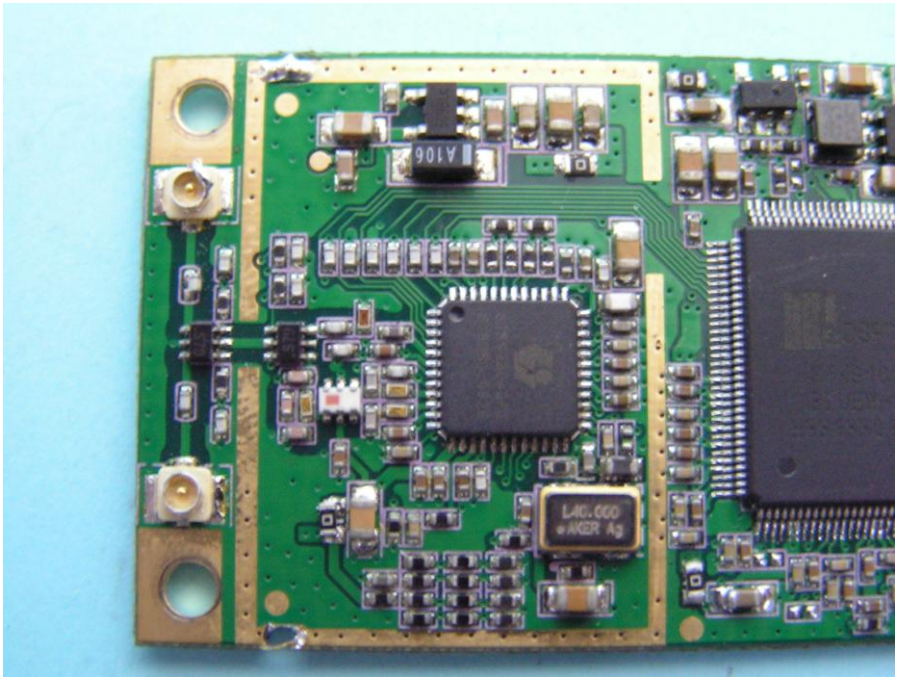
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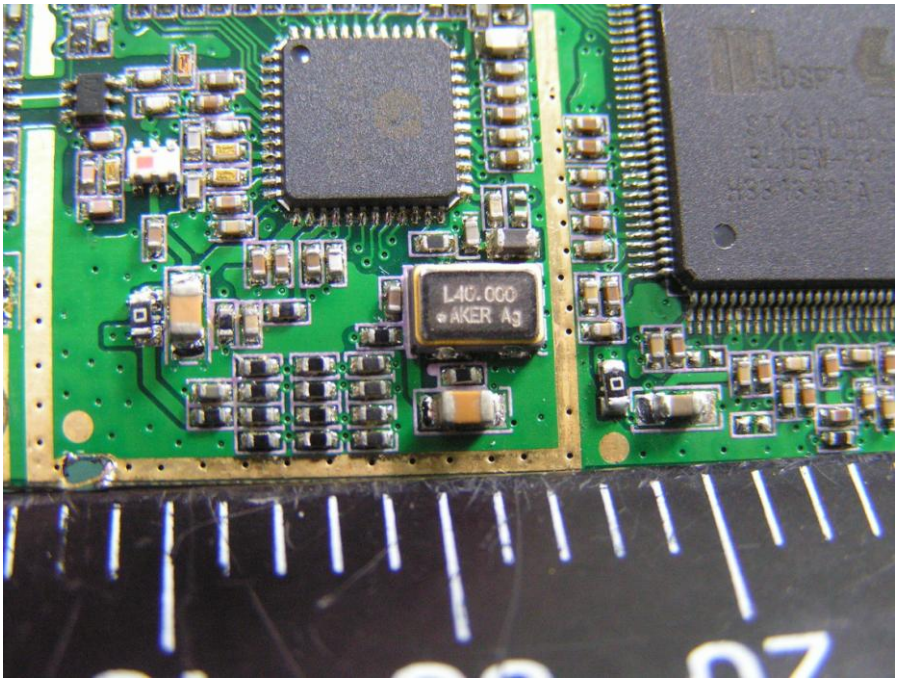
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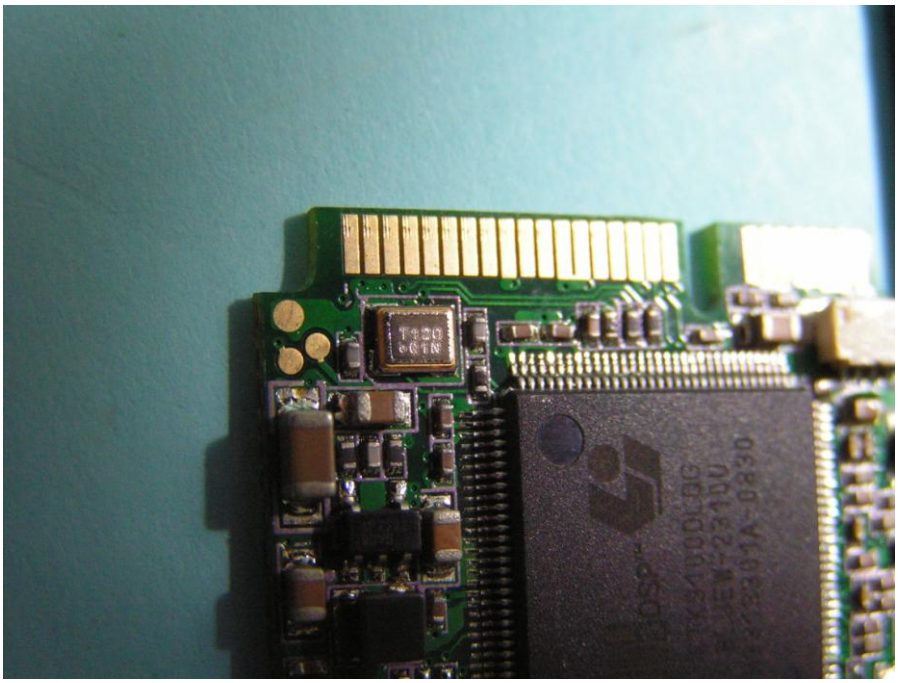

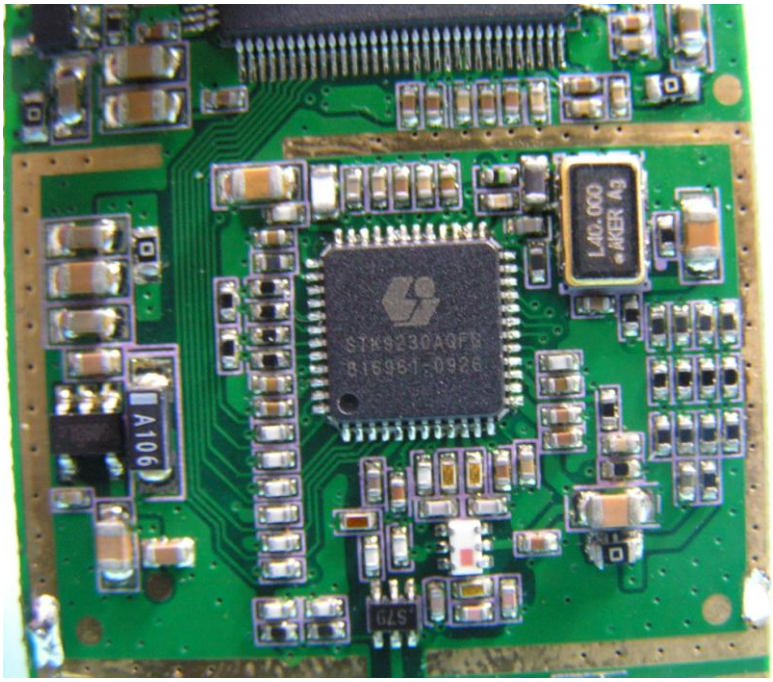
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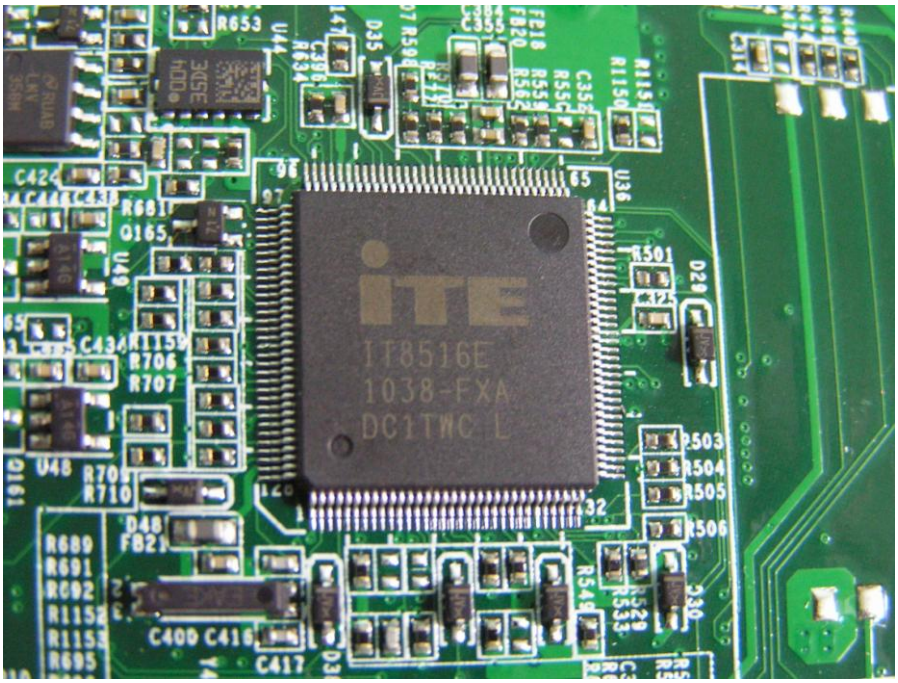
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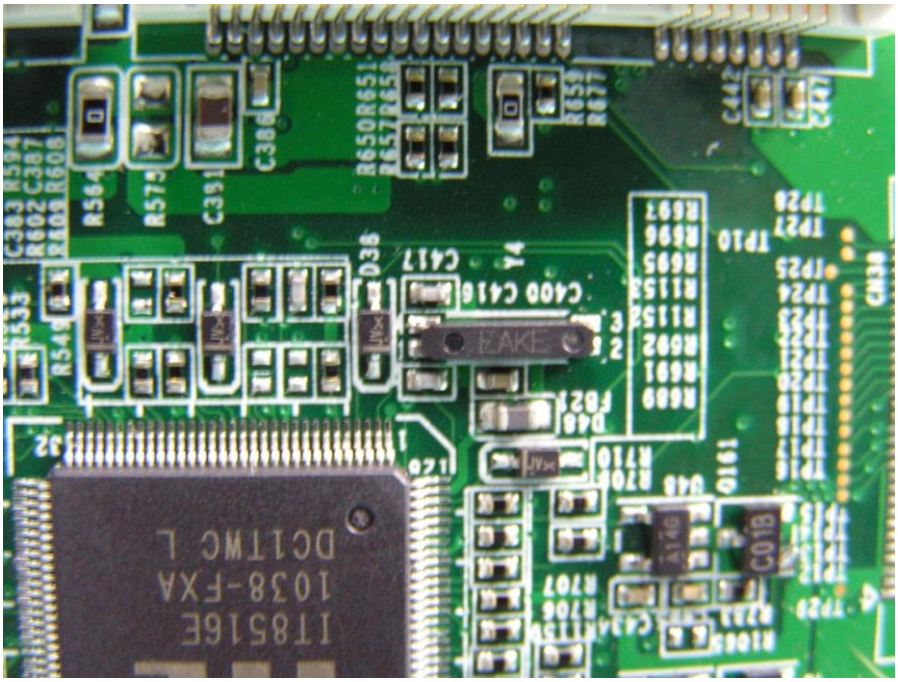
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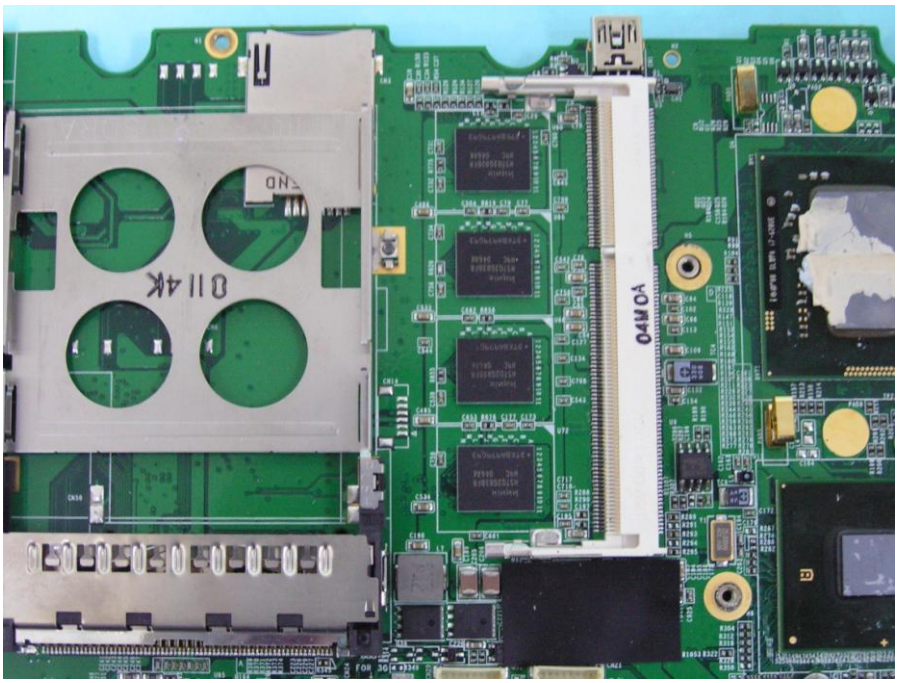

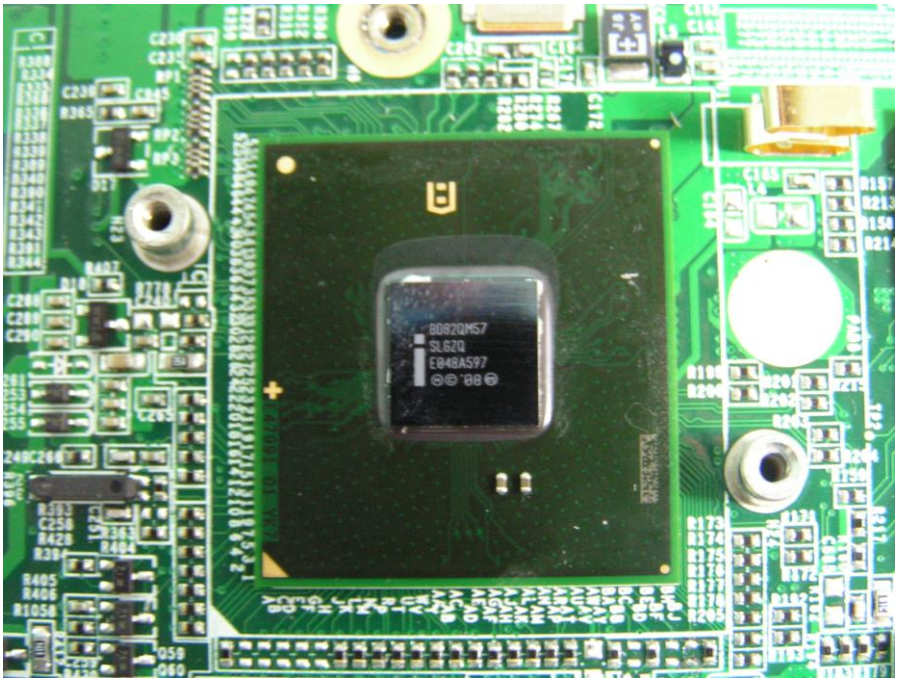

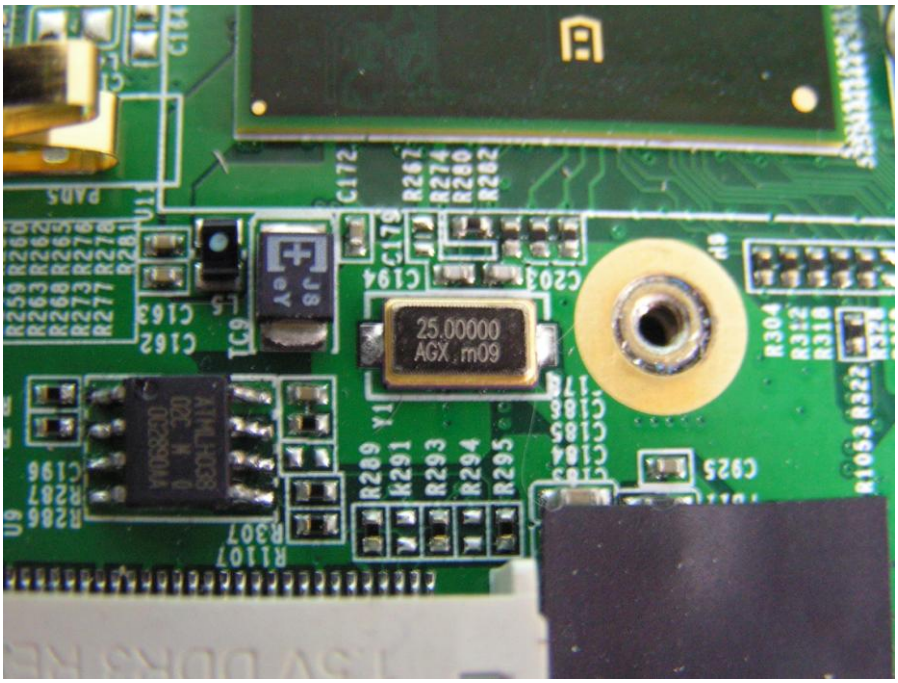
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SLBPA i7-620UE


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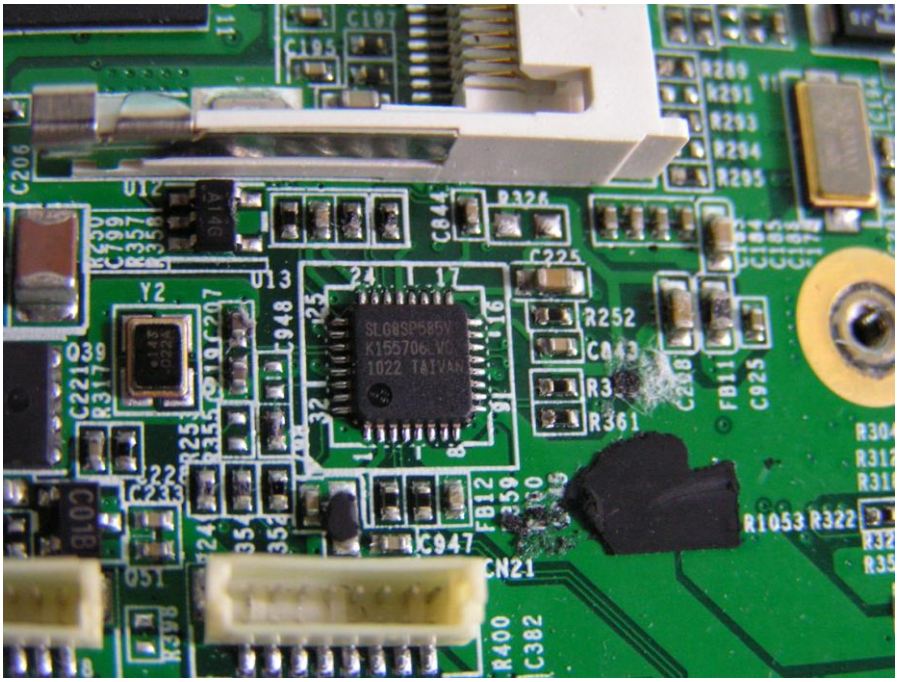
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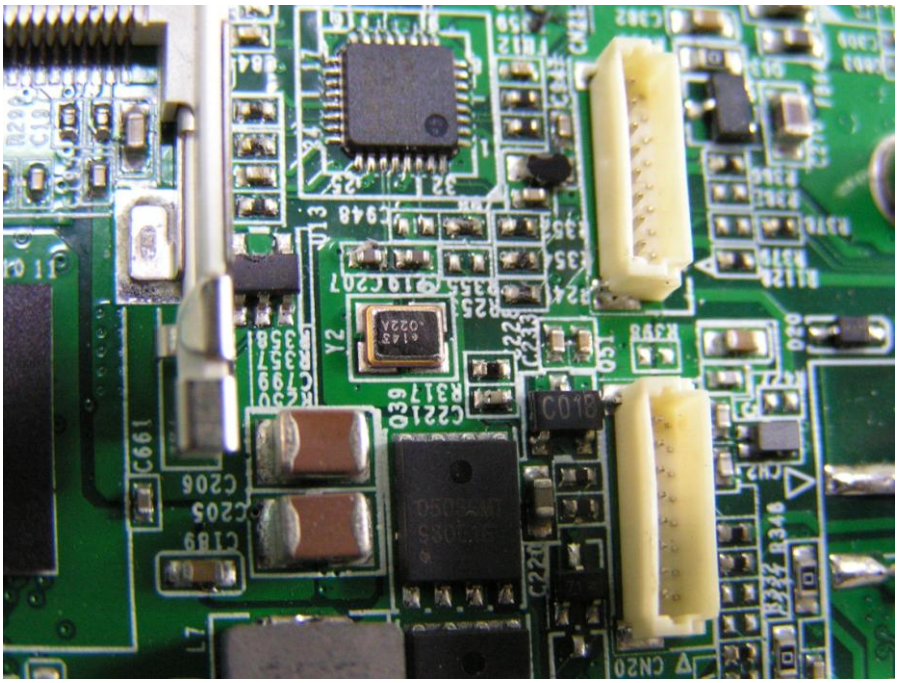

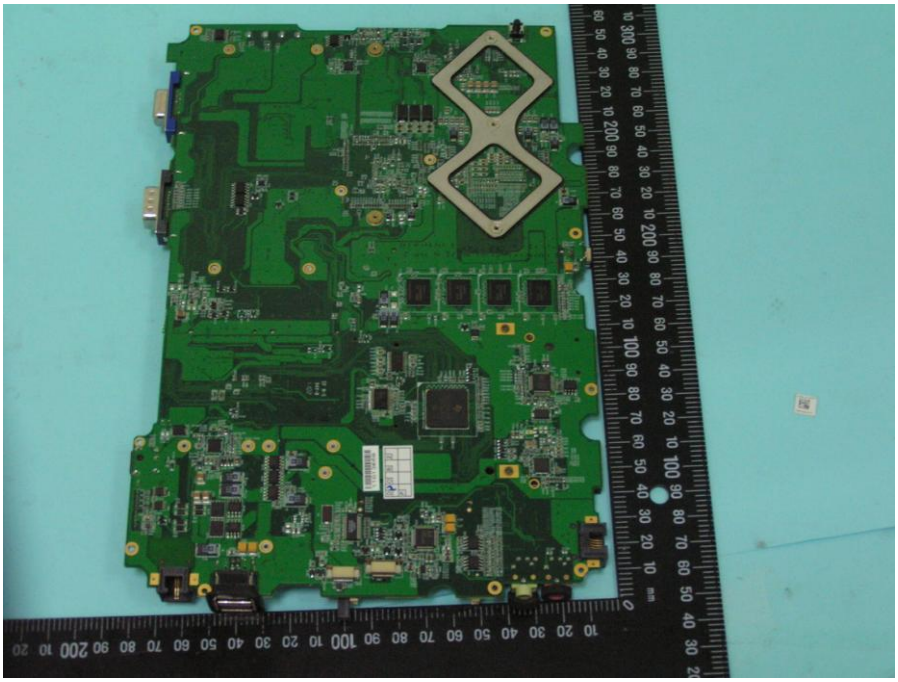

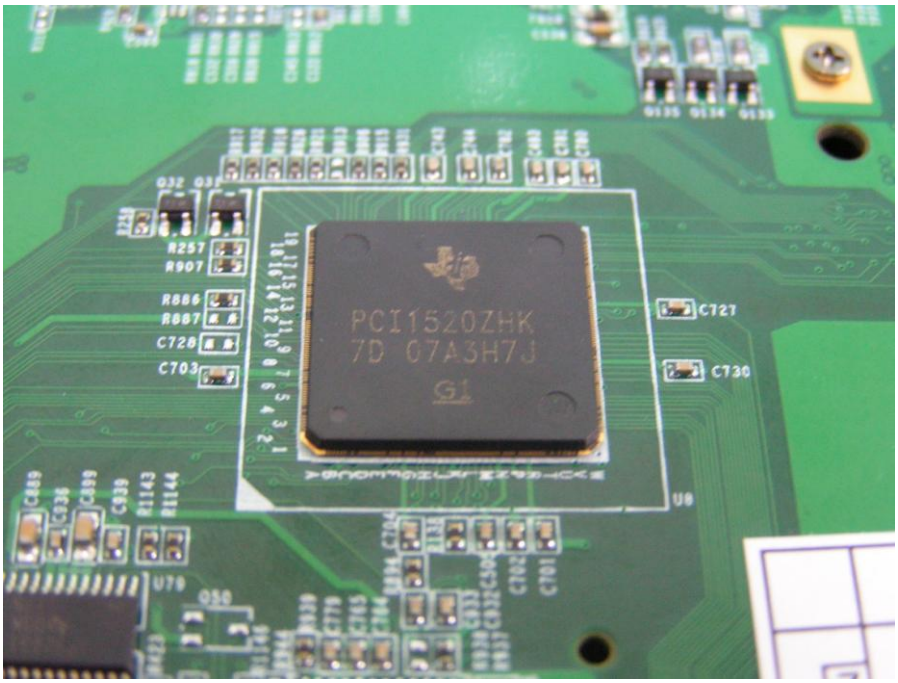
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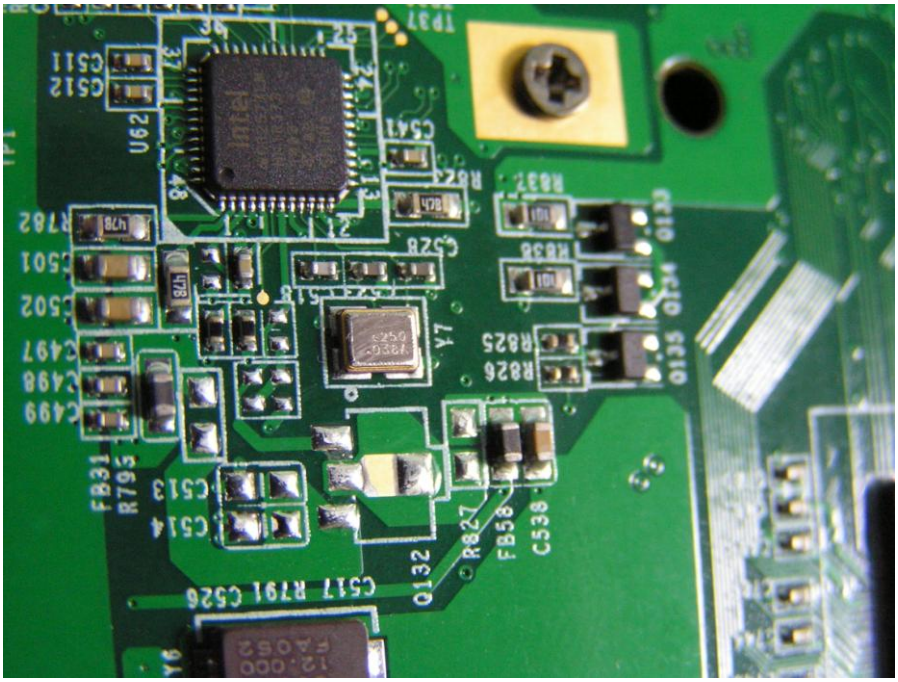

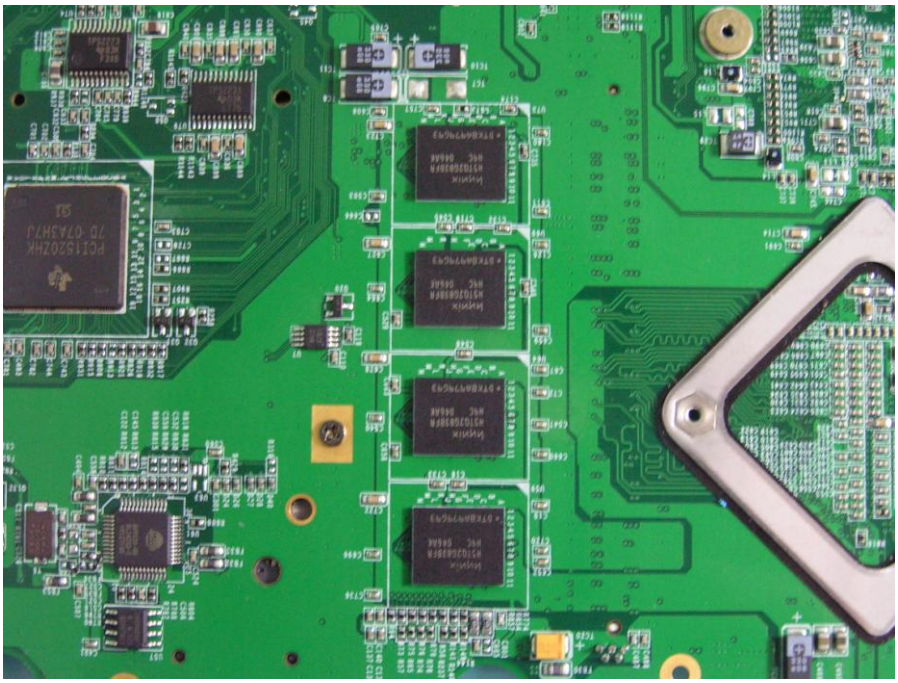

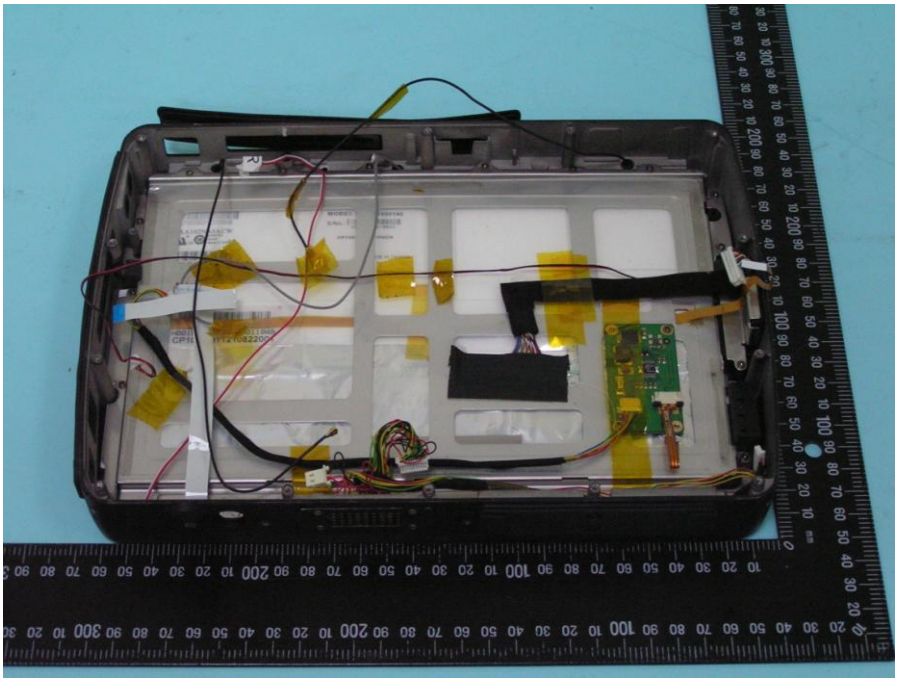

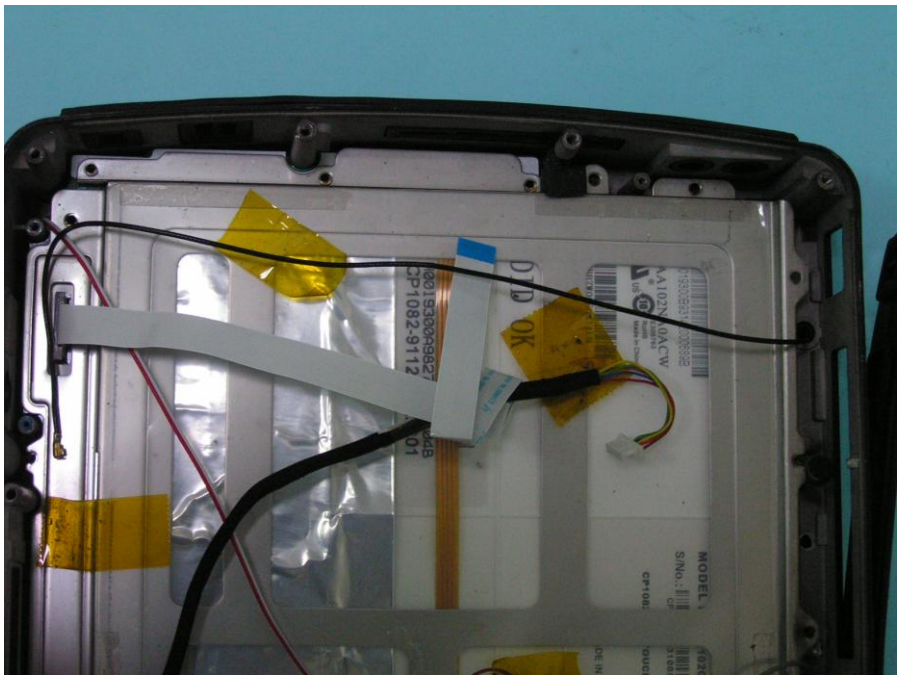

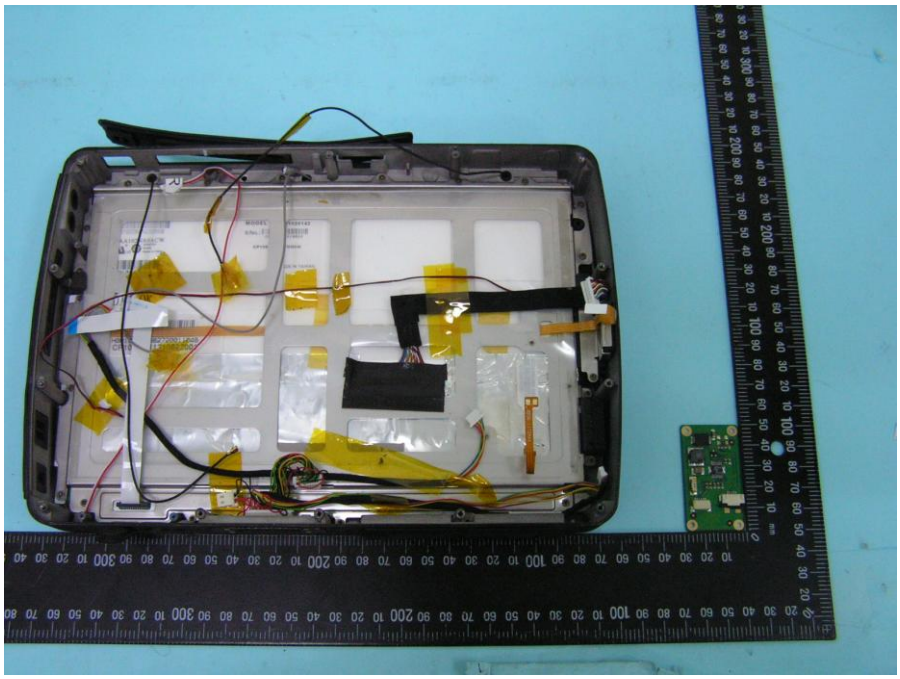

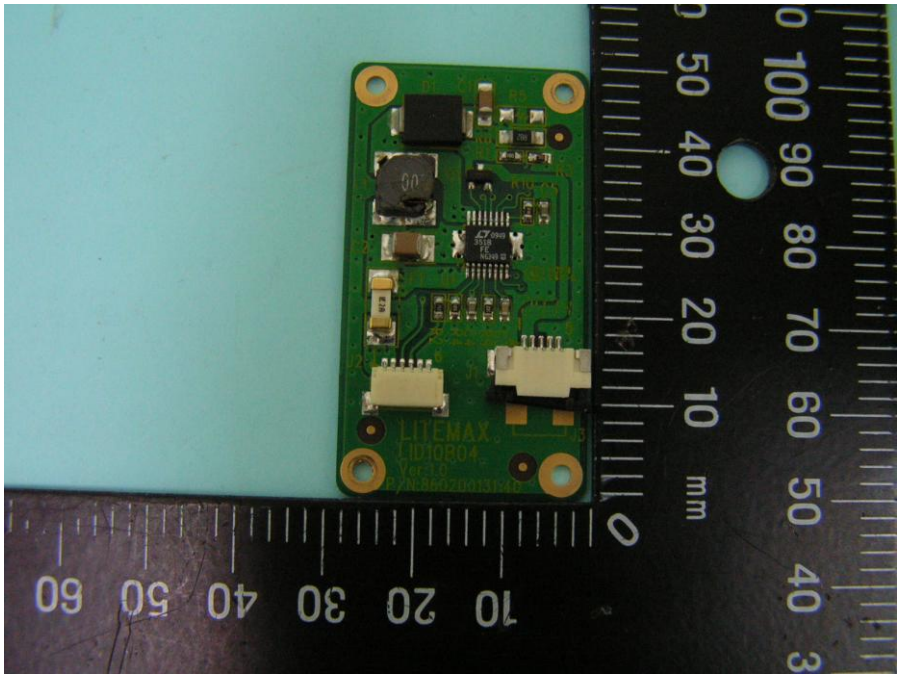

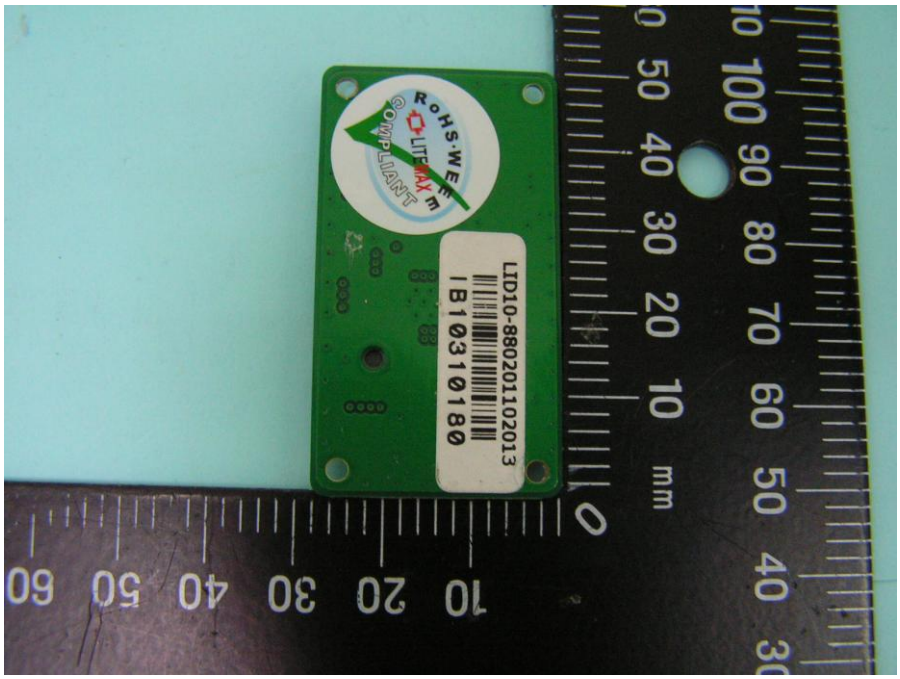
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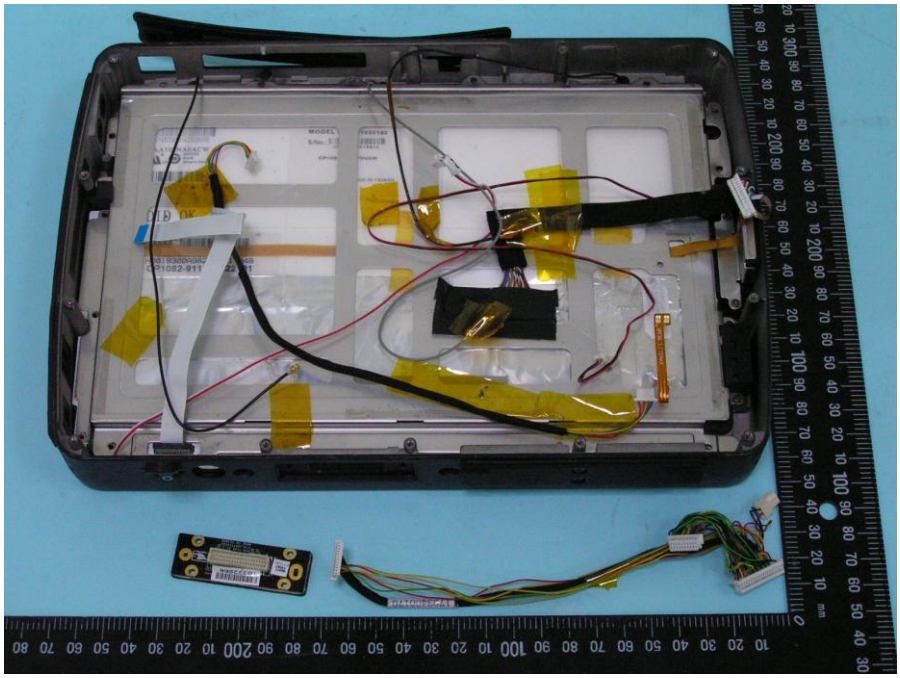

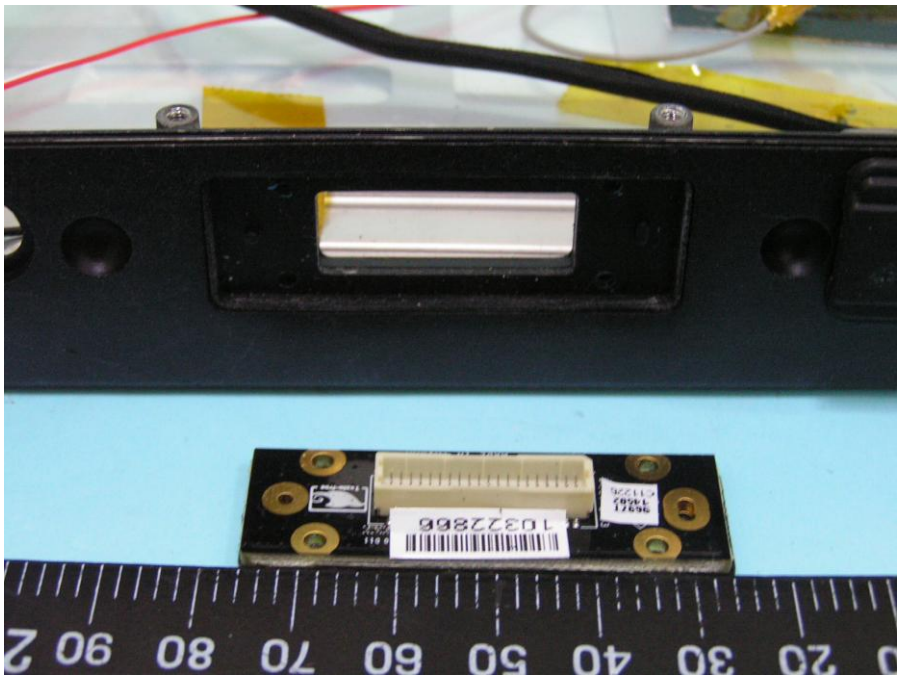

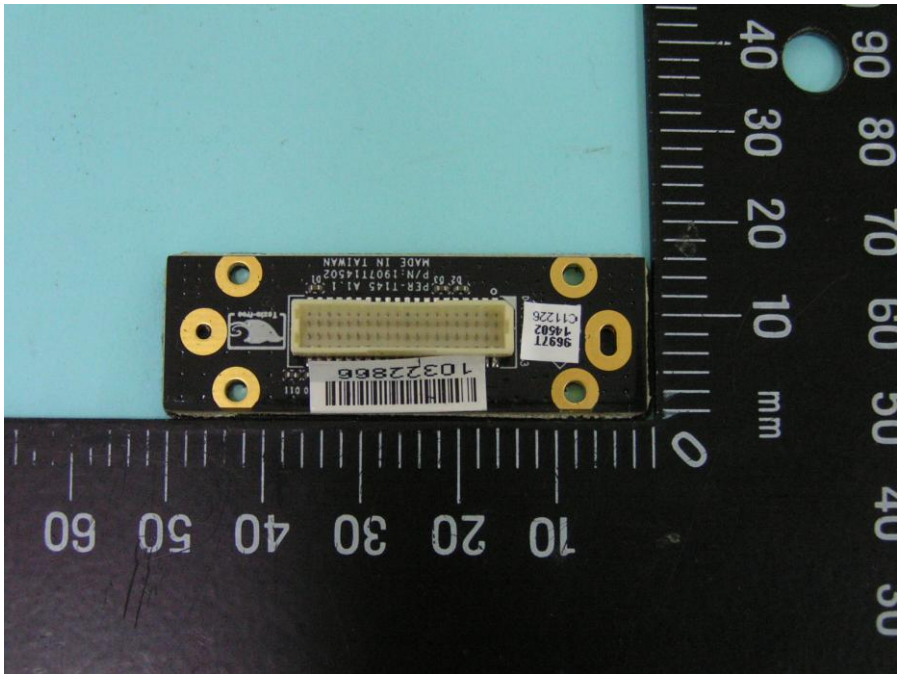

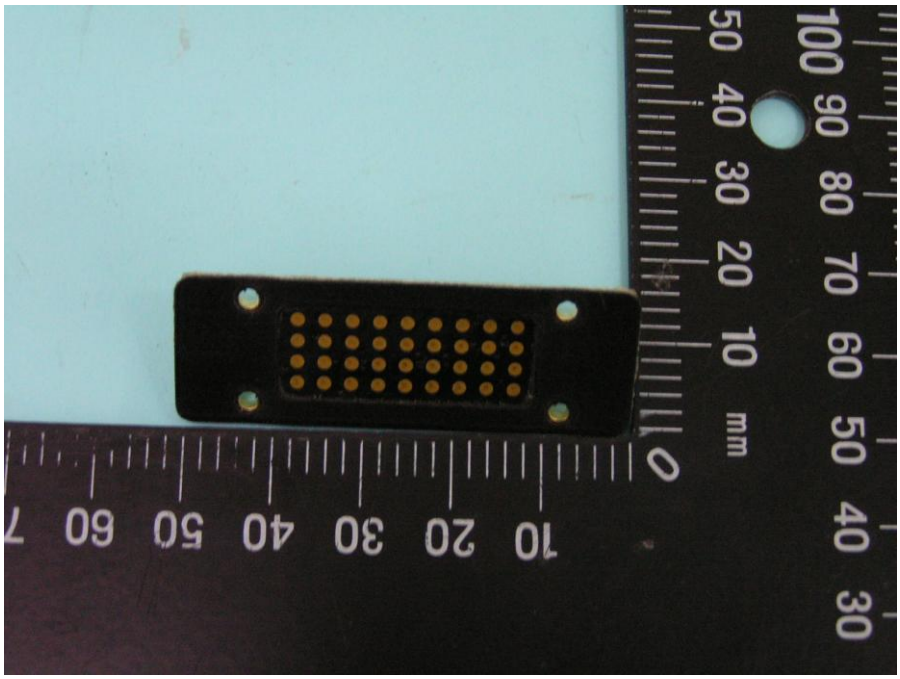
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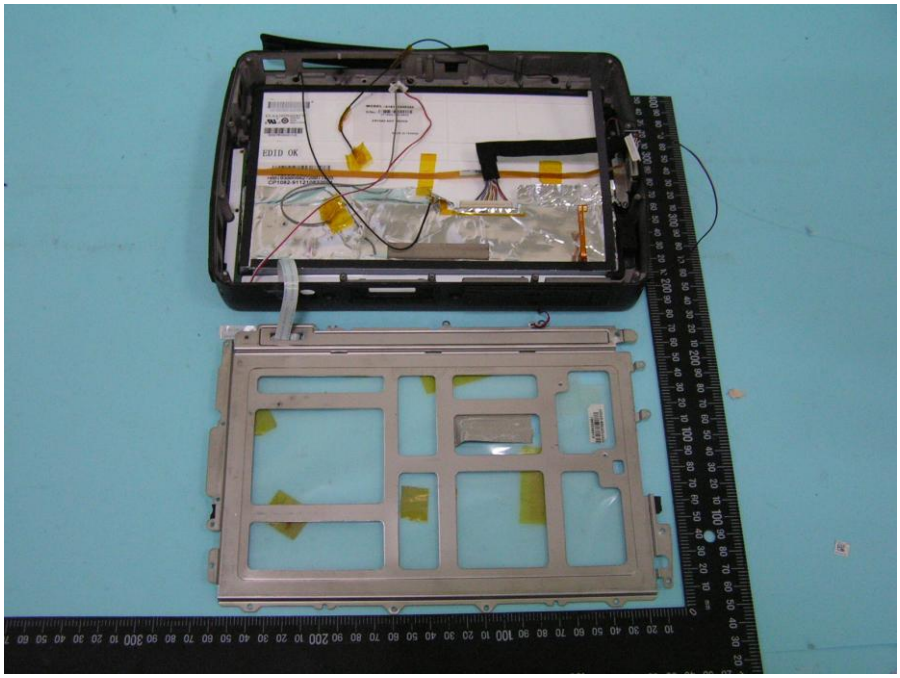
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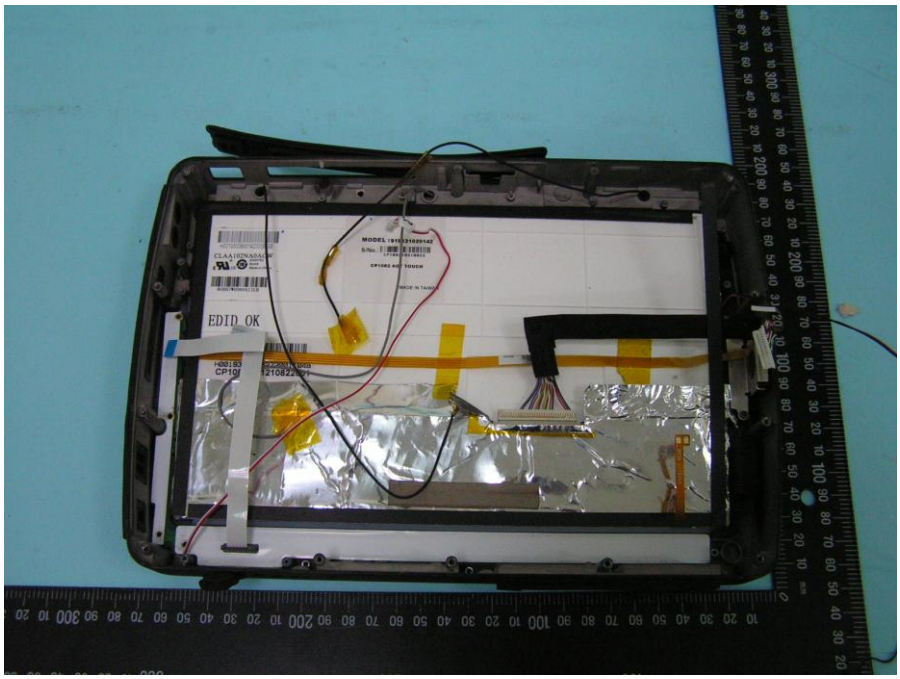
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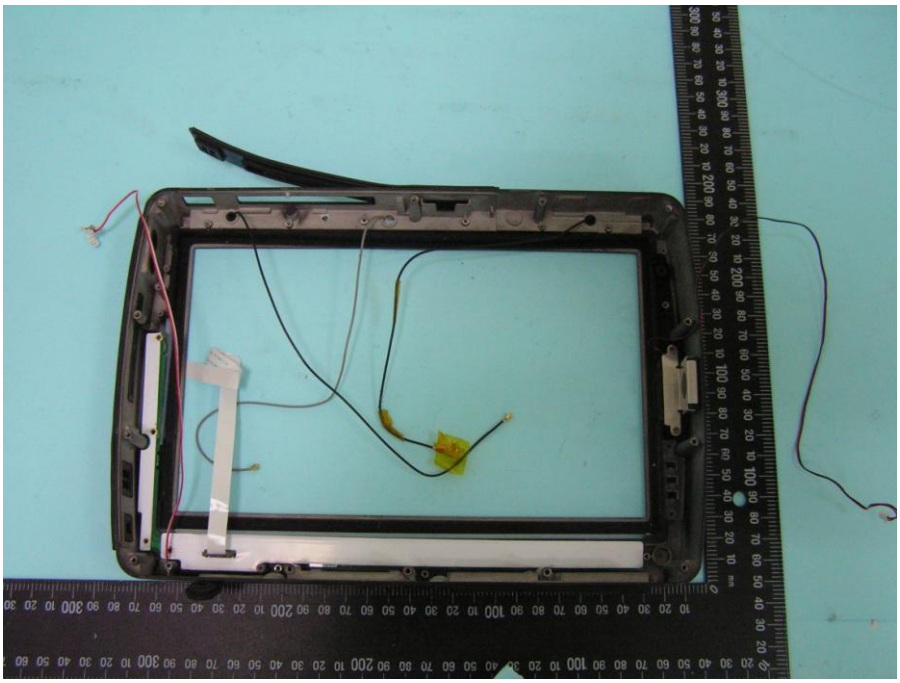

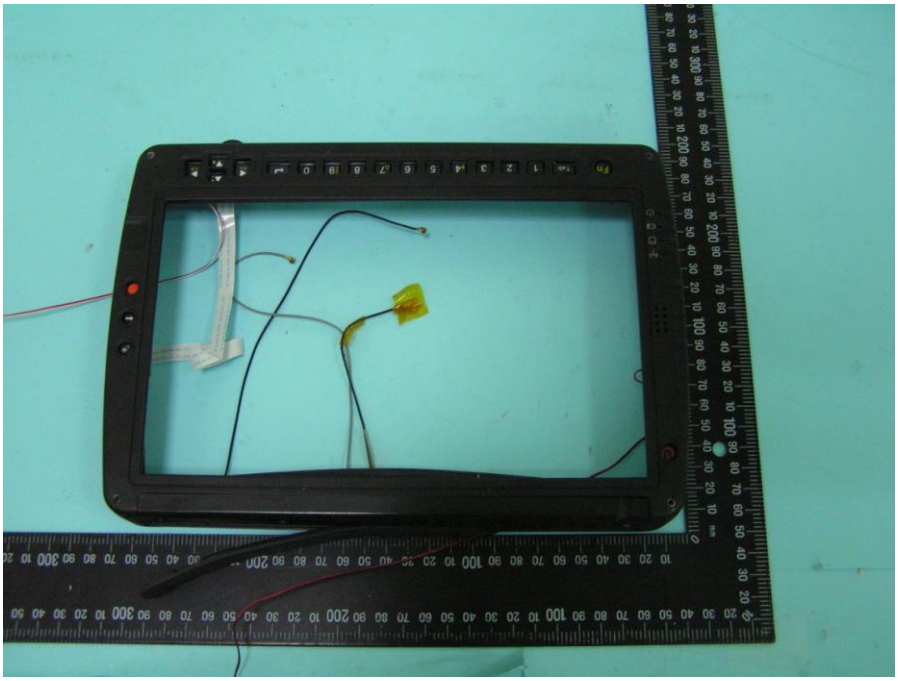

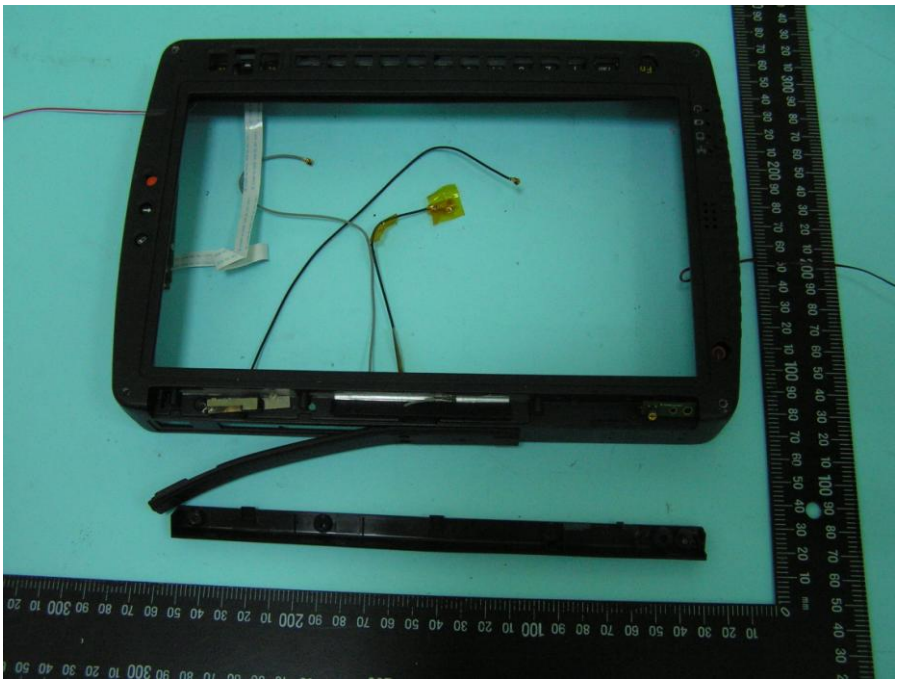

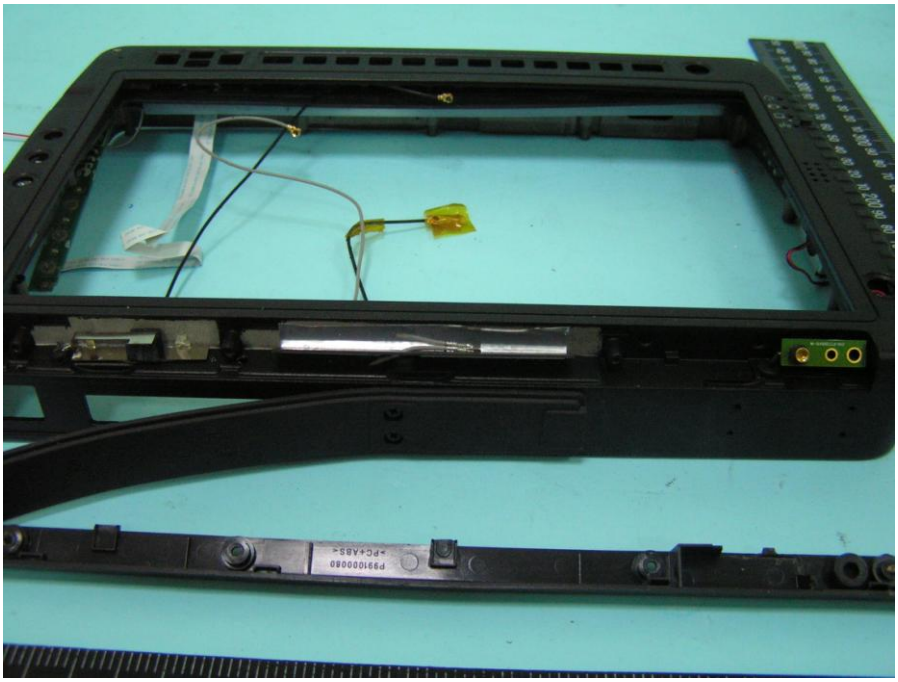

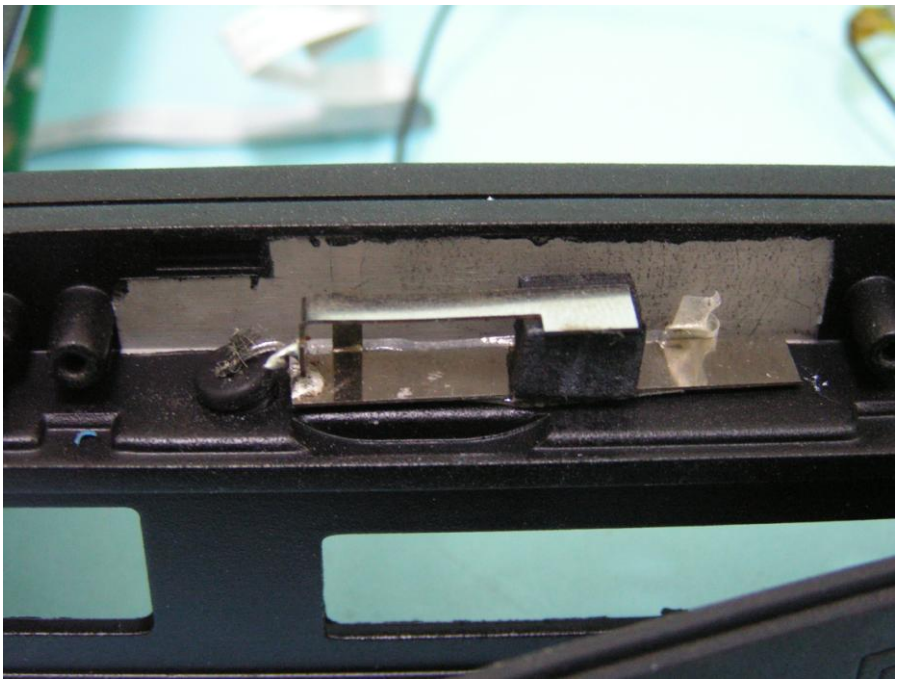

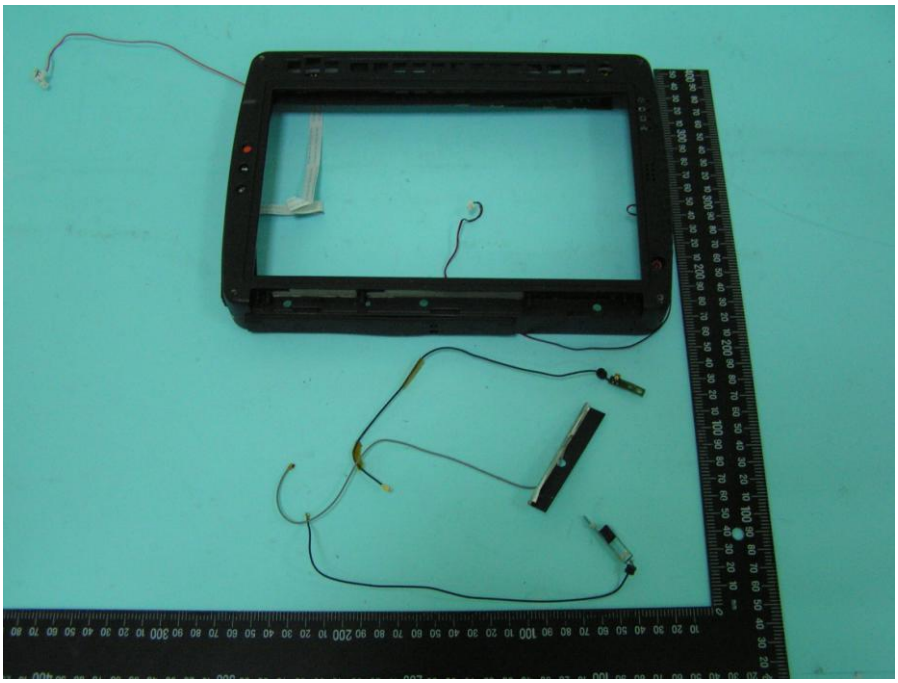

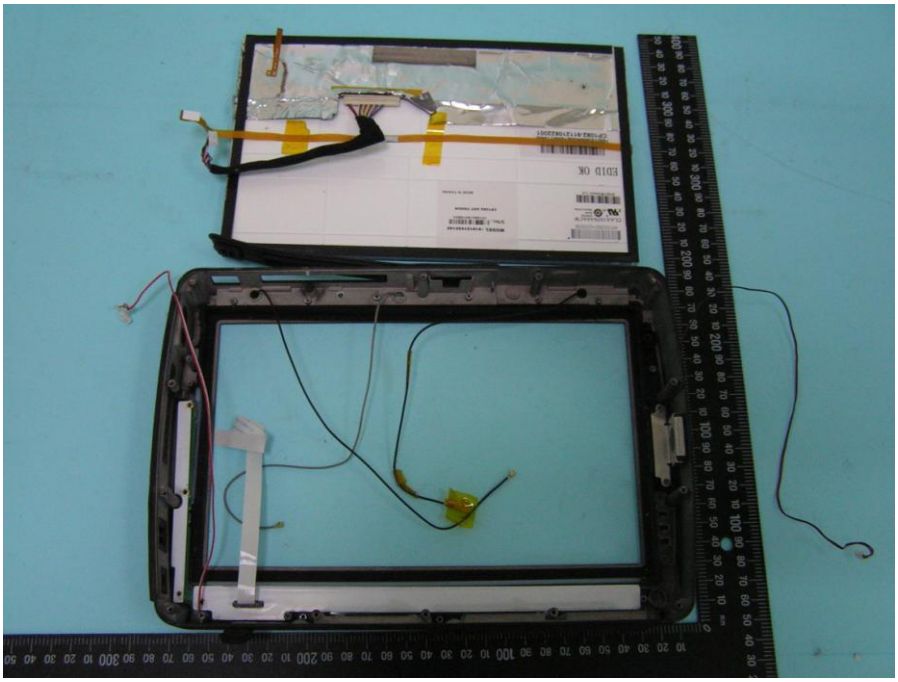

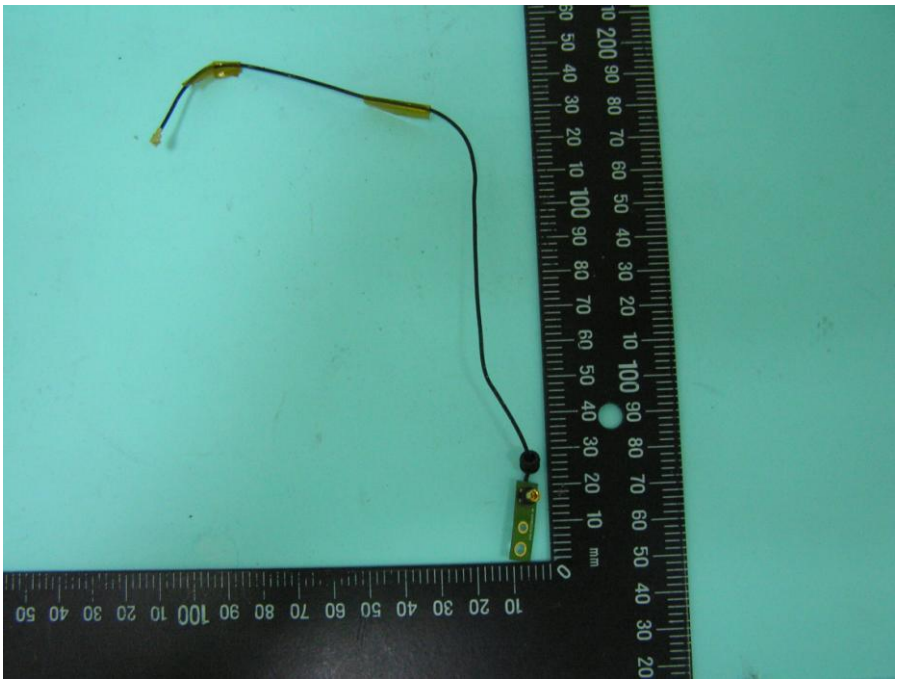

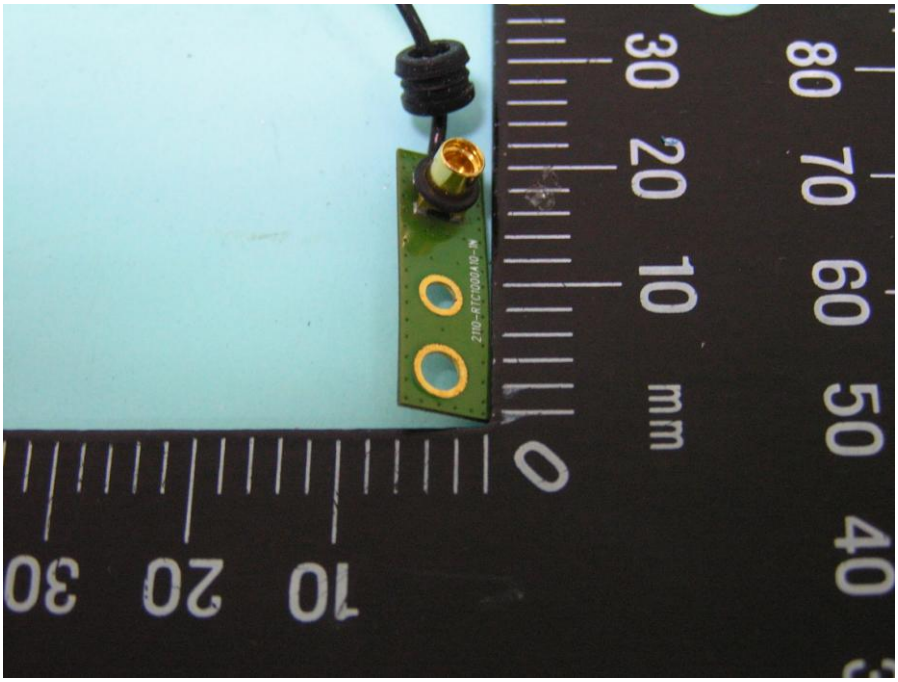

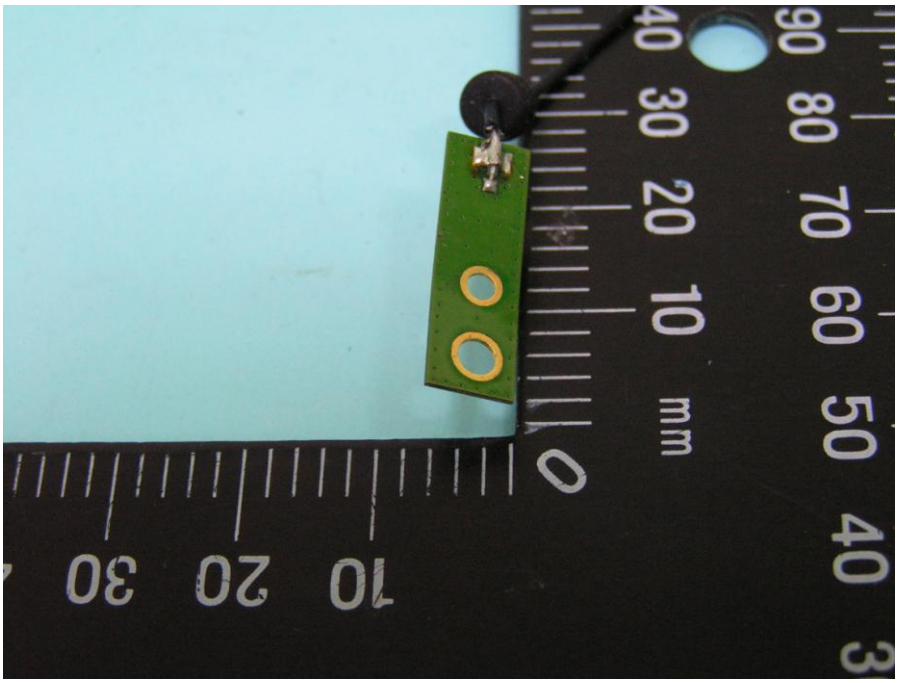
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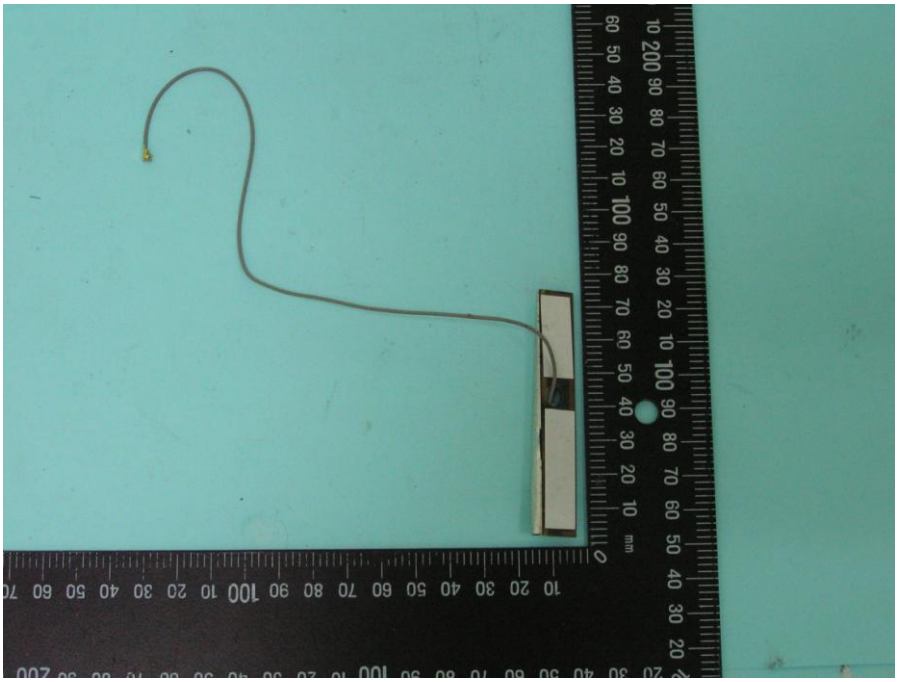

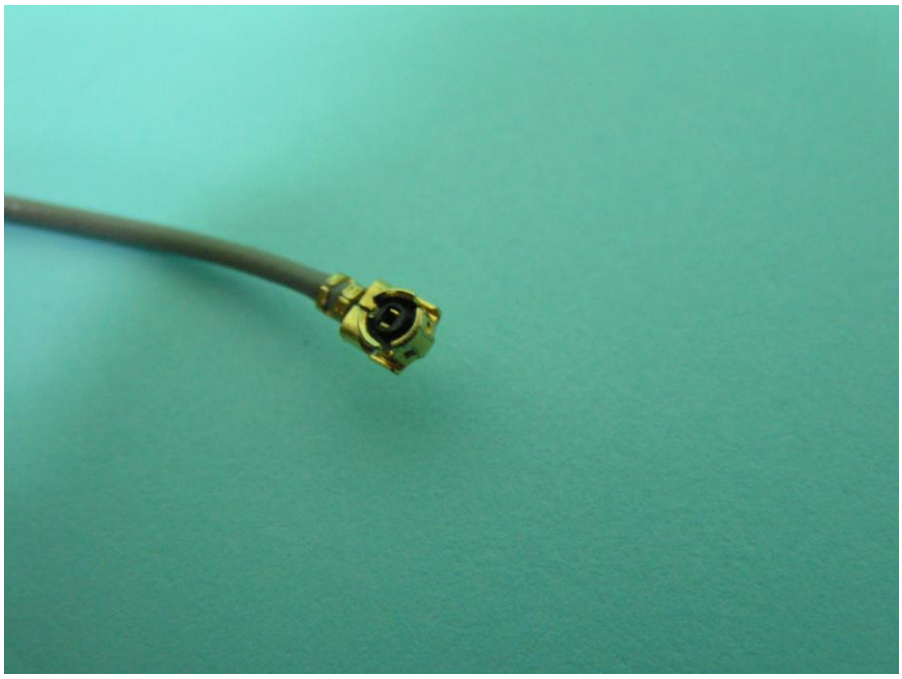

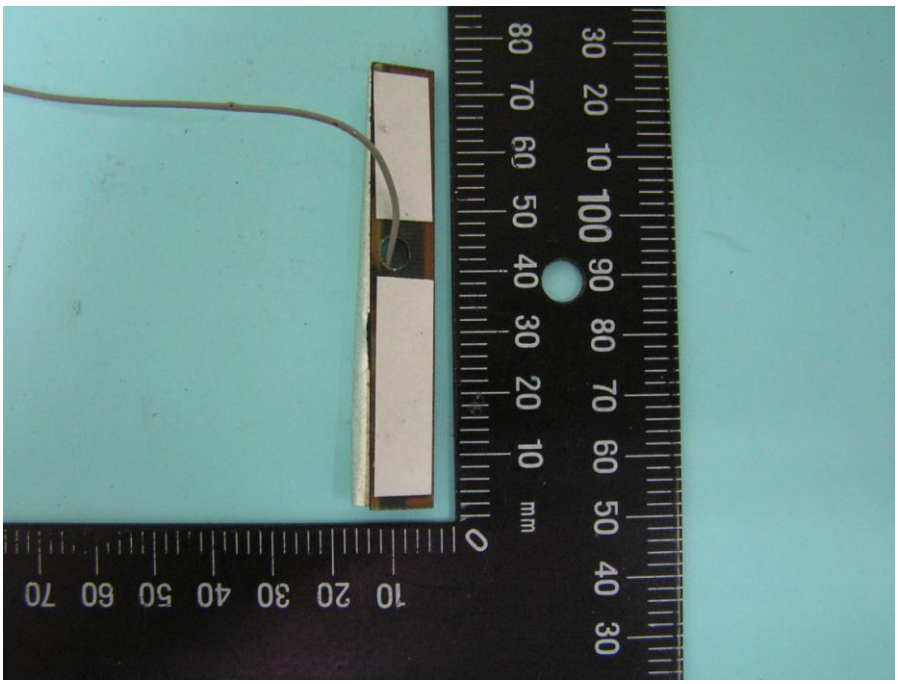
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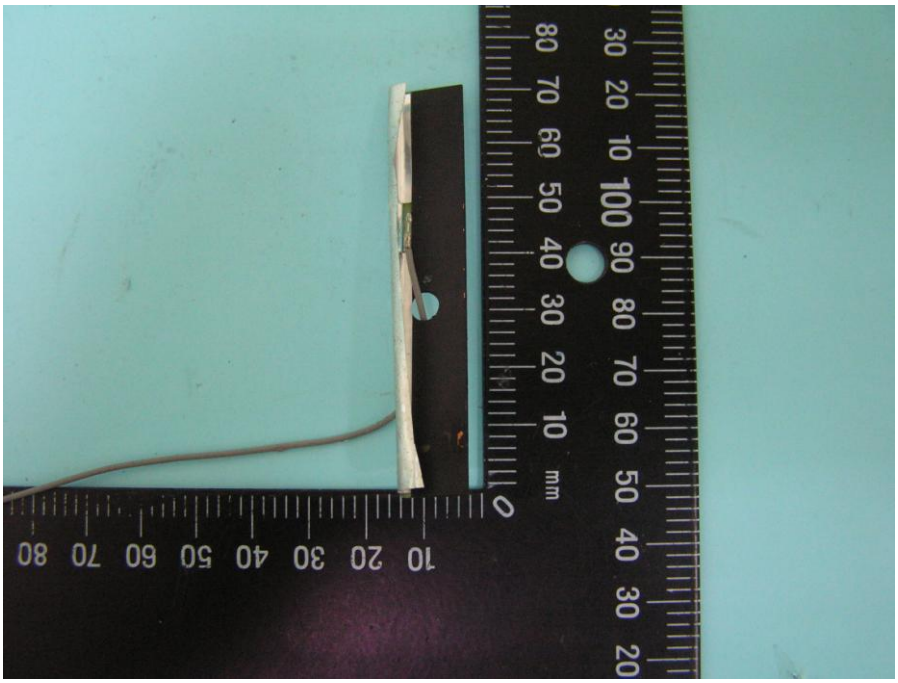

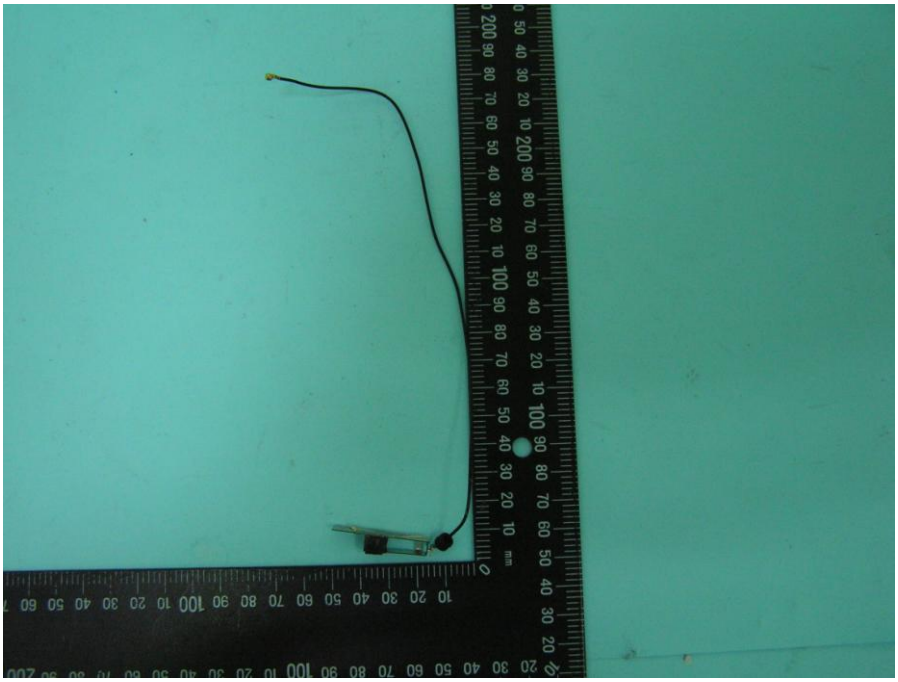

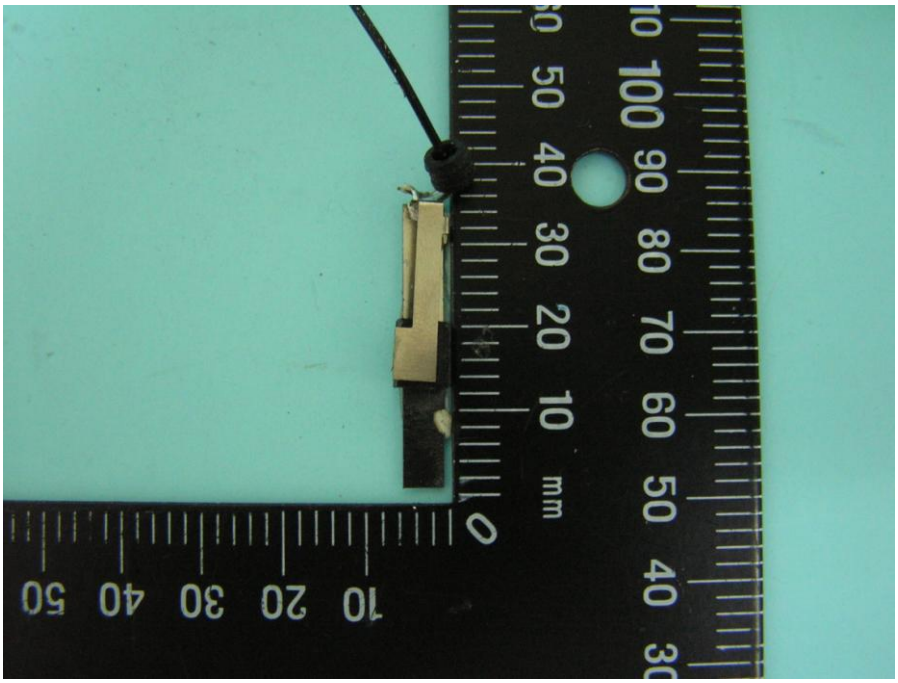

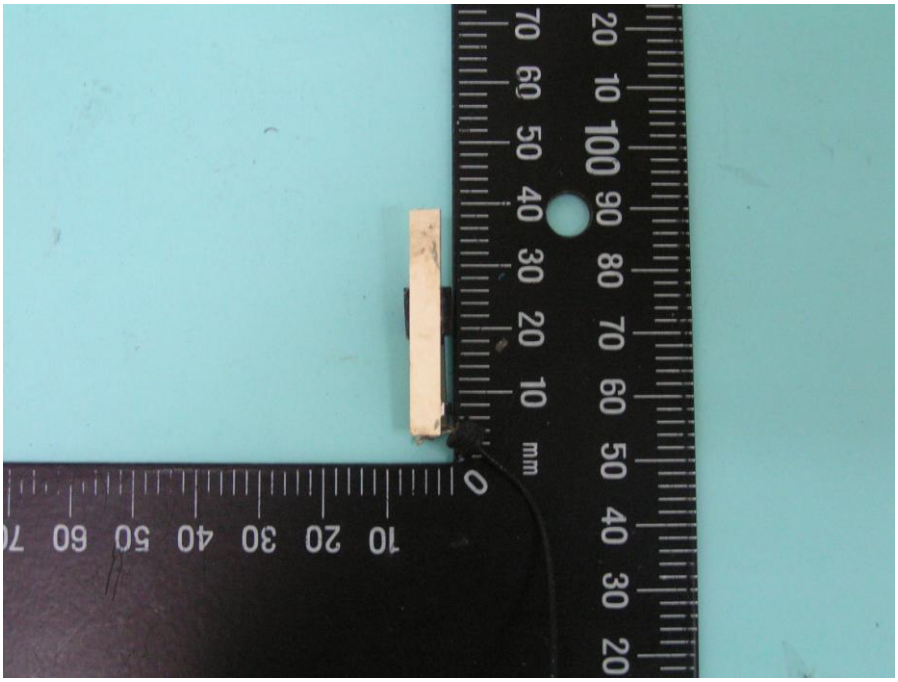

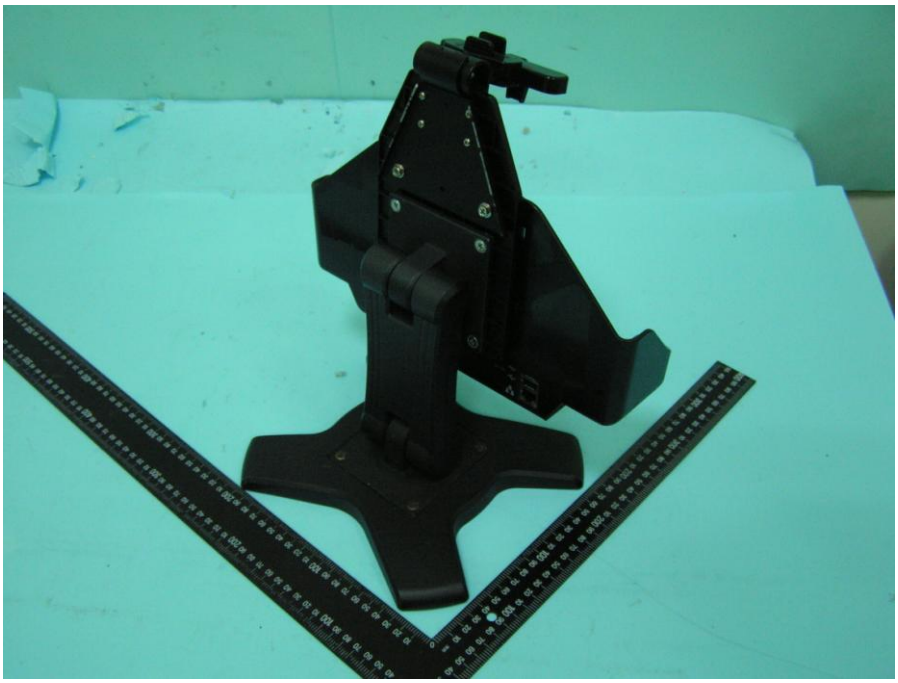


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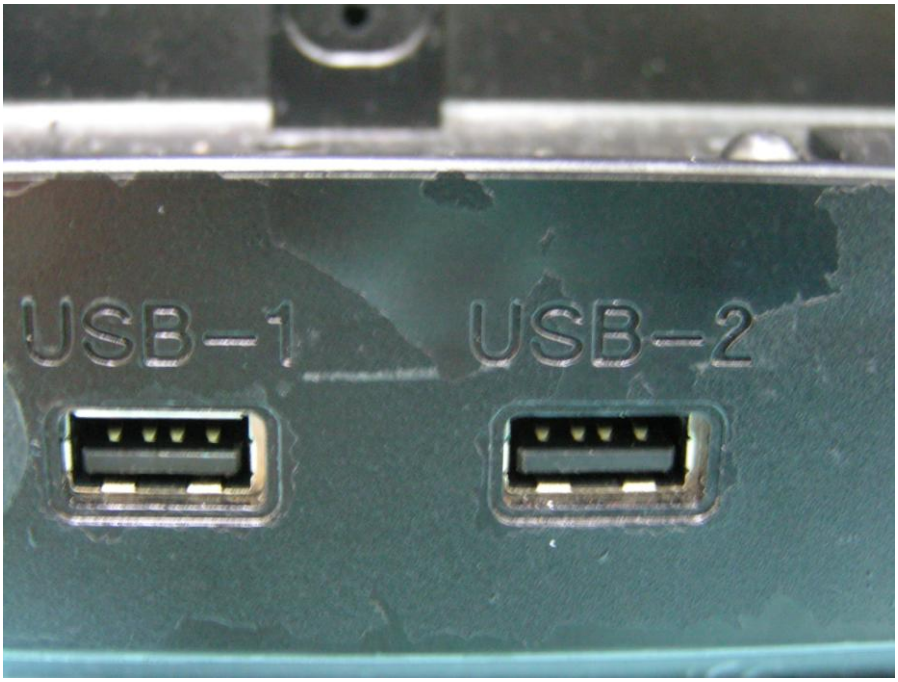
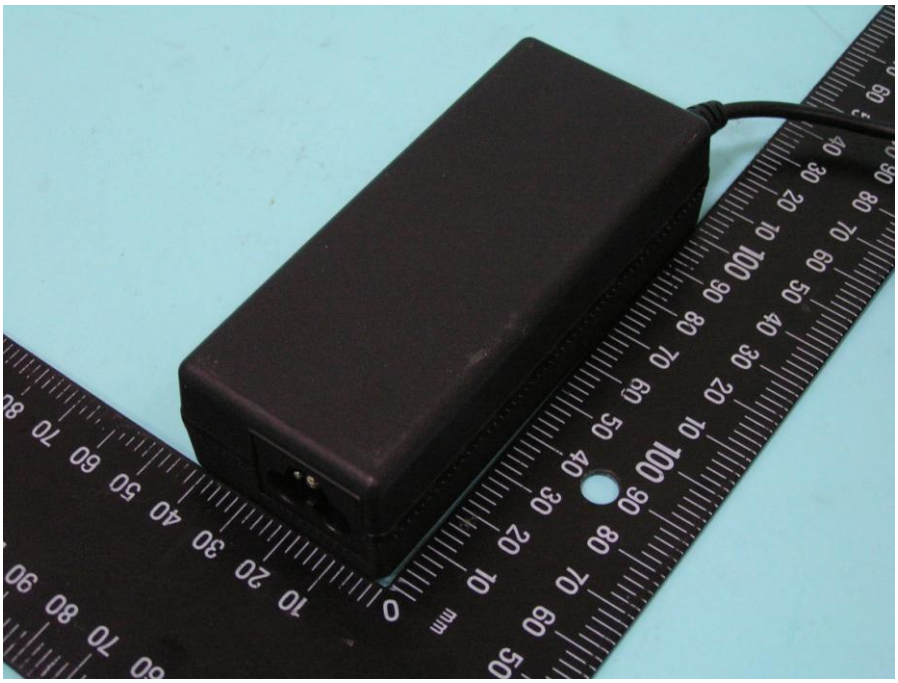
USB-2
LAN
POWER


USB-1
USB-2


LAN


DC-IN


FSP GROUP INC.
EFFICIENCY LEVEL: V




FSP GROUP INC.
AC/DC ADAPTER
MODEL NO.:FSP065-RAB
AC INPUT:100-240Vac, 1.5A 50-60Hz
DC OUTPUT:19V 3.42A
CAUTION
For indoor use only
For use with information Technology Equipment.
LISTED
LPS
N136
A/11404EA
RoHS
EFFICIENCY LEVEL:
P/N:76+010019+01
S/N: WS102010000270