DECLARATION OF CONFORMITY
On Behalf of
Nanjing Panda Information Industry Co., Ltd.

Tablet
Model No.: R70F400, R70F452

Prepared for	:	Nanjing Panda Information Industry Co., Ltd.
Address	:	East of 2F, 17 Building, 301 East Zhongshan Road Nanjing P.R. China

Prepared By	:	Anbotek Compliance Laboratory Limited
Address	:	1/F, 1 /Build, SEC Industrial Park, No. 4 Qianhai Road, Nanshan District, Shenzhen, 518054, China Tel: (86) 755-26014771 Fax: (86) 755-26014772

Report Number	:	201107756F
Date of Test	:	Jul. 18~22, 2011
Date of Report	:	Jul. 25, 2011

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Test Report Verification

TEST REPORT VERIFICATION

Applicant	:	Nanjing Panda Information Industry Co., Ltd.
Manufacturer	:	Nanjing Panda Information Industry Co., Ltd.
EUT	:	Tablet
Model No.	:	R70F400, R70F452
Rating	:	5V⎓, 2.0A
Trade Mark	:	N.A.

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B 2010 & FCC / ANSI C63.4-2009

The device described above is tested by Anbotek Compliance Laboratory Limited To determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and Anbotek Compliance Laboratory Limited Is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Anbotek Compliance Laboratory Limited

Date of Test : Jul. 18~22, 2011

Prepared by : Well Wang

(Engineer/ Well Wang)

Reviewer : Coco. Xiang

(Project Manager/ Coco Xiang)

Approved & Authorized Signer : Tom. Chen

(Manager/ Tom Chen)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	Tablet
Model Number	:	R70F400, R70F452 (Note: All samples are the same except the model number & shape of appliances, so we prepare "R70F400" for EMC test only.)
Test Power Supply	:	120V~, 60Hz for Adapter
Switching Adapter	:	Model: ADS-12G-06 05010GPCU Input: 100~240V~ 50/60Hz Max. 0.3A Output: 5V⎓ 2.0A UL, FCC
Applicant	:	Nanjing Panda Information Industry Co., Ltd.
Address	:	East of 2F, 17 Building, 301 East Zhongshan Road Nanjing P.R. China
Manufacturer	:	Nanjing Panda Information Industry Co., Ltd.
Address	:	East of 2F, 17 Building, 301 East Zhongshan Road Nanjing P.R. China
Date of Sample received	:	Jul. 18, 2011
Date of Test	:	Jul. 18~22, 2011

1.2. Auxiliary Equipment Used during Test

PC	:	Manufacturer: DELL M/N: OPTIPLEX 380 S/N: 1J63X2X CE , FCC: DOC
MONITOR	:	Manufacturer: DELL M/N: E170Sc S/N: CN-00V539-64180-055-0UPS CE , FCC: DOC
KEYBOARD	:	Manufacturer: DELL M/N: SK-8115 S/N: CN-0DJ313-71616-06C-02XN CE , FCC: DOC
MOUSE	:	Manufacturer: DELL M/N: M-UARDEL7 S/N: N/A CE , FCC: DOC
Earphone	:	Manufacturer: Ouyun M/N: OH601 S/N: N/A CE , FCC: DOC
SD card		Manufacturer: Kingston M/N: SD4/4GBFE S/N: N/A CE , FCC: DOC
USB Cable	:	0.5m, SHIELD
Monitor		Lenovo MODEL NO.: X61 S/N: L3-L3729 08/03
HDMI Cable		Shielded, 2.0m, with two ferrite cores bonded.

1.3. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS - LAB Code: L3503
Anbotek Compliance Laboratory Limited., Laboratory has been assessed and in compliance with CNAS/CL01: 2006 accreditation criteria for testing laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of Testing Laboratories.

FCC-Registration No.: 752021
Anbotek Compliance Laboratory Limited, EMC Laboratory has been registed and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 752021, August 20, 2010

IC-Registration No.: 8058A-1
Anbotek Compliance Laboratory Limited., EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration 8058A-1, August 30, 2010

Test Location
All Emissions tests were performed
Anbotek Compliance Laboratory Limited. at 1/F, 1 /Build, SEC Industrial Park, No. 4 Qianhai Road, Nanshan District, Shenzhen, 518054, China

1.4. Measurement Uncertainty

Radiation Uncertainty	**:**	Ur = 4.3dB
Conduction Uncertainty	**:**	Uc = 3.4dB

1.5. Test Summary

For the EUT described above. The standards used were FCC Part 15 Subpart B for Emissions.
Table 1 : Tests Carried Out Under FCC Part 15 Subpart B

Standard	Test Items	Status
FCC Part 15 Subpart B	Power Line Conducted Emission Test (150KHz To 30MHz)	√
FCC Part 15 Subpart B	Radiated Emission Test (30MHz To 1000MHz)	√

√ Indicates that the test is applicable
x Indicates that the test is not applicable

2. POWER LINE CONDUCTED MEASUREMENT

2.1. Test Equipment

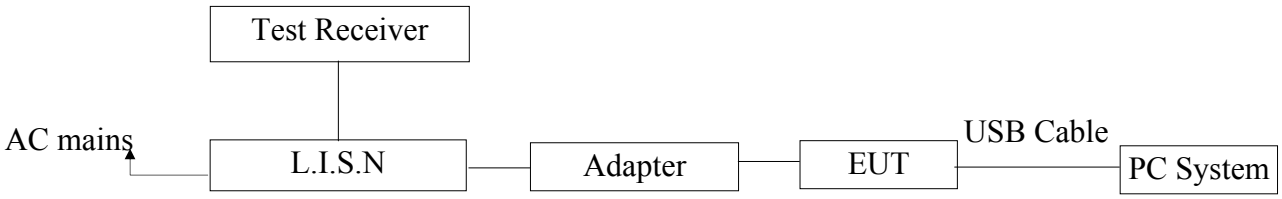
The following test equipments are used during the power line conducted measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Receiver	Rohde & Schwarz	ESCI	100627	Nov. 12, 2010	1 Year
2.	Two-Line V-network	Rohde & Schwarz	ENV216	10055	May 19, 2011	1 Year
3.	RF Switching Unit	Compliance Direction	RSU-M2	38303	May 19, 2011	1 Year
4.	EMI Test Software	ES-K1	N/A	N/A	N/A	N/A

2.2. Block Diagram of Test Setup

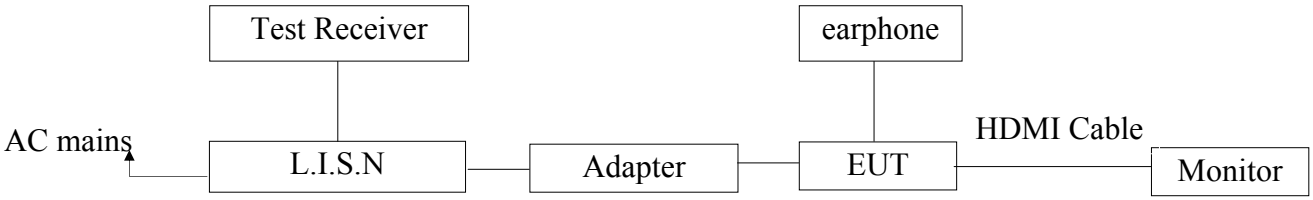
2.2.1. Block diagram of connection between the EUT and simulators

2.2.1.1. during test, data exchange via USB between EUT and PC



(EUT: Tablet)

2.2.1.2. Single playing via HDMI between EUT and Monitor



(EUT: Tablet)

2.3. Power Line Conducted Emission Measurement Limits (FCC Part 15 Class B)

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*

0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

2.4. Configuration of EUT on Measurement

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

EUT : Tablet
Model Number : R70F400
Applicant **:** Nanjing Panda Information Industry Co., Ltd.

2.5. Operating Condition of EUT

2.5.1. Setup the EUT and simulator as shown as Section 2.2.
2.5.2. Turn on the power of all equipment.
2.5.3. Let the EUT work in test mode (during test, data exchange via USB between EUT and PC / Single playing via HDMI between EUT and Monitor) and measure it.

2.6. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.4-2009 on Conducted Emission Measurement.

The bandwidth of test receiver (ESCI) set at 9KHz.

The frequency range from 150KHz to 30MHz is checked.

The test result are reported on Section 2.7.

2.7. Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150KHz to 30 MHz is investigated.

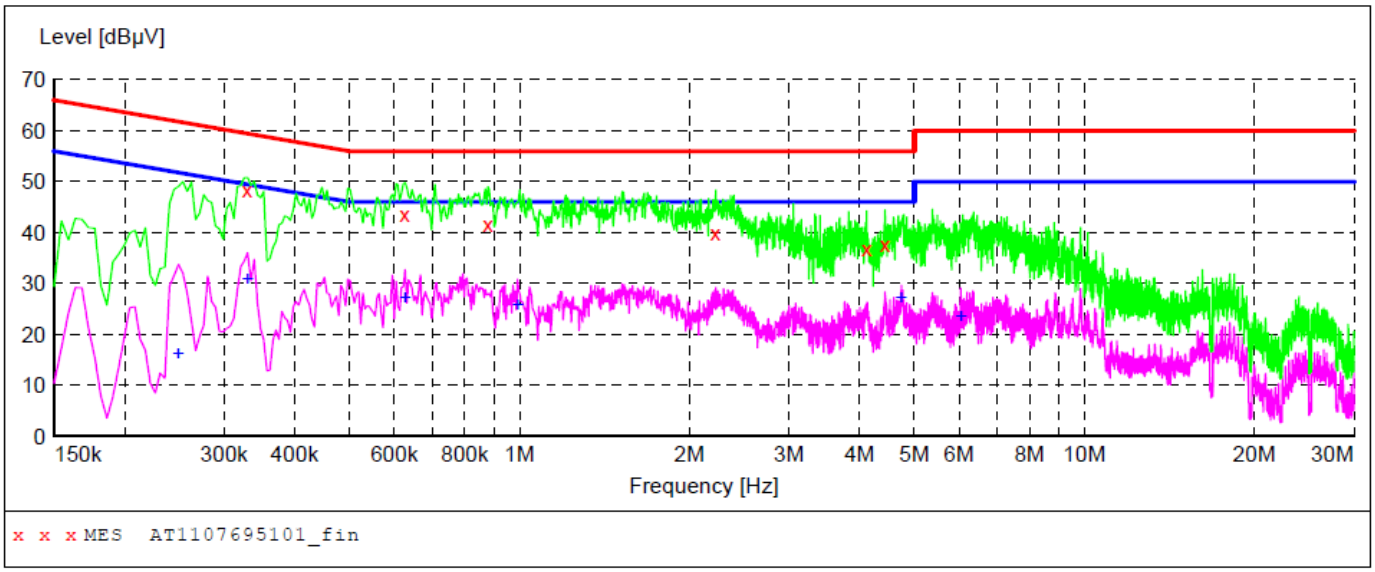
The test curves are shown in the following pages.

CONDUCTED EMISSION TEST DATA

EUT:	Tablet M/N:R70F400
Operating Condition:	during test, data exchange via USB between EUT and PC
Test Site:	1# Shielded Room
Operator:	WELL WANG
Test Specification:	120V~, 60Hz for Adapter
Comment:	L
	Tem:25℃ Hum:50%

SCAN TABLE: "Voltage(150K~30M)FIN"

Short Description: 150K-30M Disturbance Voltages



MEASUREMENT RESULT: "AT1107695101_fin"

7/20/2011 4:21PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.330000	48.40	10.1	60	11.1	QP	L1	GND
0.627000	43.70	10.1	56	12.3	QP	L1	GND
0.879000	41.70	10.1	56	14.3	QP	L1	GND
2.224500	39.80	10.3	56	16.2	QP	L1	GND
4.116000	36.80	10.5	56	19.2	QP	L1	GND
4.435500	37.70	10.5	56	18.3	QP	L1	GND

MEASUREMENT RESULT: "AT1107695101_fin2"

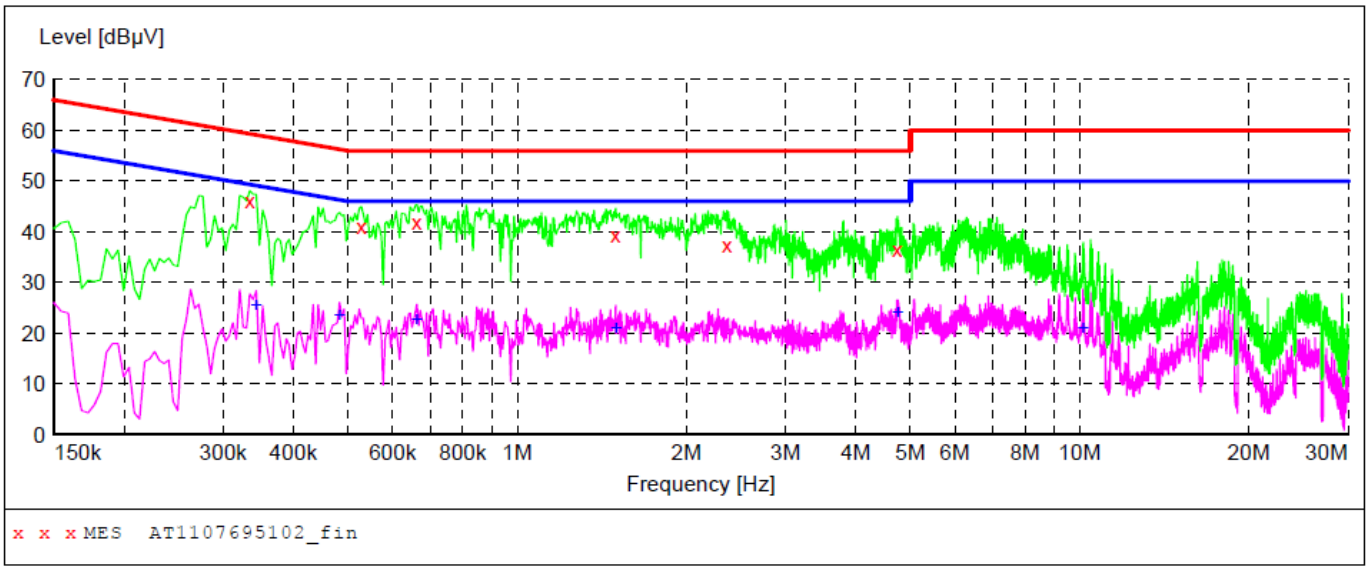
7/20/2011 4:21PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.249000	16.20	10.1	52	35.6	AV	L1	GND
0.330000	30.80	10.1	50	18.7	AV	L1	GND
0.627000	27.20	10.1	46	18.8	AV	L1	GND
0.991500	25.90	10.2	46	20.1	AV	L1	GND
4.741500	27.30	10.5	46	18.7	AV	L1	GND
6.042000	23.50	10.5	50	26.5	AV	L1	GND

CONDUCTED EMISSION TEST DATA

EUT:	Tablet M/N:R70F400
Operating Condition:	during test, data exchange via USB between EUT and PC
Test Site:	1# Shielded Room
Operator:	WELL WANG
Test Specification:	120V~, 60Hz for Adapter
Comment:	N
	Tem:25℃ Hum:50%

SCAN TABLE: "Voltage(150K~30M)FIN"
Short Description: 150K-30M Disturbance Voltages



MEASUREMENT RESULT: "AT1107695102_fin"

7/20/2011 4:25PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.334500	46.10	10.1	59	13.2	QP	N	GND
0.528000	41.10	10.1	56	14.9	QP	N	GND
0.663000	41.90	10.1	56	14.1	QP	N	GND
1.495500	39.40	10.3	56	16.6	QP	N	GND
2.359500	37.40	10.3	56	18.6	QP	N	GND
4.741500	36.50	10.5	56	19.5	QP	N	GND

MEASUREMENT RESULT: "AT1107695102_fin2"

7/20/2011 4:25PM

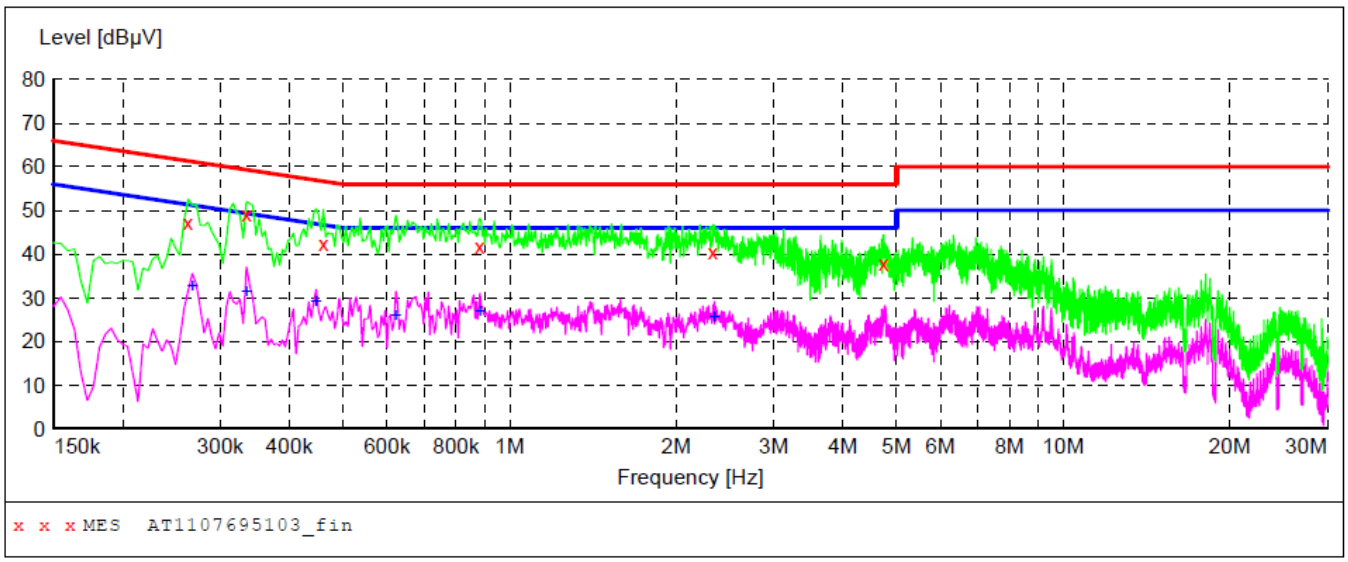
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.343500	25.50	10.1	49	23.6	AV	N	GND
0.483000	23.50	10.1	46	22.8	AV	N	GND
0.663000	22.70	10.1	46	23.3	AV	N	GND
1.495500	21.00	10.3	46	25.0	AV	N	GND
4.746000	24.20	10.5	46	21.8	AV	N	GND
10.146000	21.00	10.6	50	29.0	AV	N	GND

CONDUCTED EMISSION TEST DATA

EUT:	Tablet M/N:R70F400
Operating Condition:	Single playing via HDMI between EUT and Monitor
Test Site:	1# Shielded Room
Operator:	WELL WANG
Test Specification:	120V~, 60Hz for Adapter
Comment:	L
	Tem:25℃ Hum:50%

SCAN TABLE: "Voltage(150K~30M)FIN"

Short Description: 150K-30M Disturbance Voltages



MEASUREMENT RESULT: "AT1107695103_fin"

7/20/2011 4:28PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.262500	47.30	10.1	61	14.1	QP	L1	GND
0.334500	49.20	10.1	59	10.1	QP	L1	GND
0.460500	42.30	10.1	57	14.4	QP	L1	GND
0.883500	41.90	10.1	56	14.1	QP	L1	GND
2.328000	40.40	10.3	56	15.6	QP	L1	GND
4.741500	38.00	10.5	56	18.0	QP	L1	GND

MEASUREMENT RESULT: "AT1107695103_fin2"

7/20/2011 4:28PM

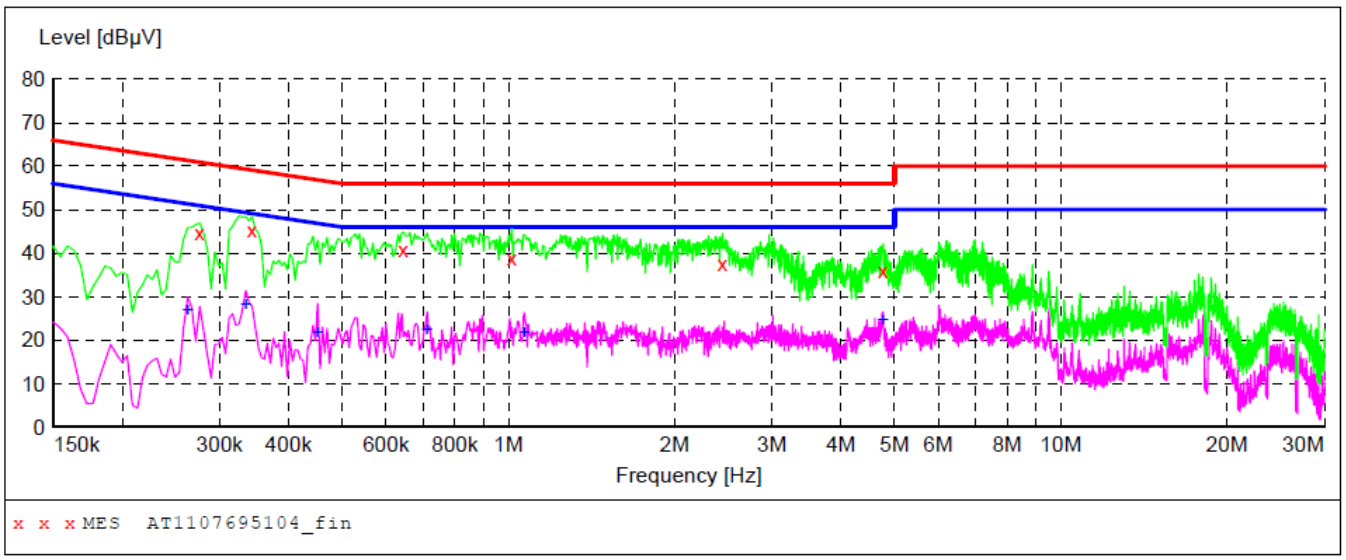
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.267000	32.80	10.1	51	18.4	AV	L1	GND
0.334500	31.60	10.1	49	17.7	AV	L1	GND
0.447000	29.20	10.1	47	17.7	AV	L1	GND
0.622500	26.10	10.1	46	19.9	AV	L1	GND
0.883500	27.00	10.1	46	19.0	AV	L1	GND
2.341500	25.80	10.3	46	20.2	AV	L1	GND

CONDUCTED EMISSION TEST DATA

EUT:	Tablet M/N:R70F400
Operating Condition:	Single playing via HDMI between EUT and Monitor
Test Site:	1# Shielded Room
Operator:	WELL WANG
Test Specification:	120V~, 60Hz for Adapter
Comment:	N
	Tem:25℃ Hum:50%

SCAN TABLE: "Voltage(150K~30M)FIN"

Short Description: 150K-30M Disturbance Voltages



MEASUREMENT RESULT: "AT1107695104_fin"

7/20/2011 4:31PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.276000	44.80	10.1	61	16.1	QP	N	GND
0.343500	45.30	10.1	59	13.8	QP	N	GND
0.645000	40.70	10.1	56	15.3	QP	N	GND
1.014000	38.70	10.2	56	17.3	QP	N	GND
2.440500	37.60	10.3	56	18.4	QP	N	GND
4.768500	35.80	10.5	56	20.2	QP	N	GND

MEASUREMENT RESULT: "AT1107695104_fin2"

7/20/2011 4:31PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.262500	26.90	10.1	51	24.5	AV	N	GND
0.334500	28.30	10.1	49	21.0	AV	N	GND
0.451500	21.70	10.1	47	25.1	AV	N	GND
0.712500	22.50	10.1	46	23.5	AV	N	GND
1.068000	21.70	10.2	46	24.3	AV	N	GND
4.759500	24.70	10.5	46	21.3	AV	N	GND

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

The following test equipments are used during the radiated emission measurement:

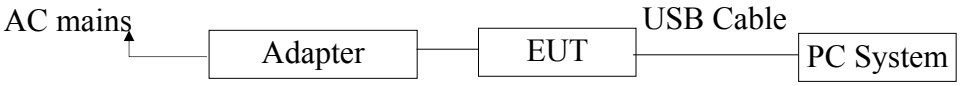
3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Nov. 12, 2010	1 Year
2	Bilog Broadband Antenna	Schwarzbeck	VULB9163	100015	May 17, 2011	1 Year
3	RF Switching Unit	Compliance Direction	RSU-M2	38303	May 19, 2011	1 Year
4	EMI Test Software	ES-K1	N/A	N/A	N/A	N/A

3.2. Block Diagram of Test Setup

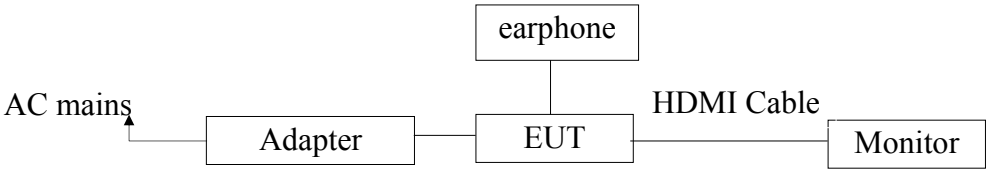
3.2.1. Block diagram of connection between the EUT and simulators

3.2.1.1. For during test, data exchange via USB between EUT and PC Mode.



(EUT: Tablet)

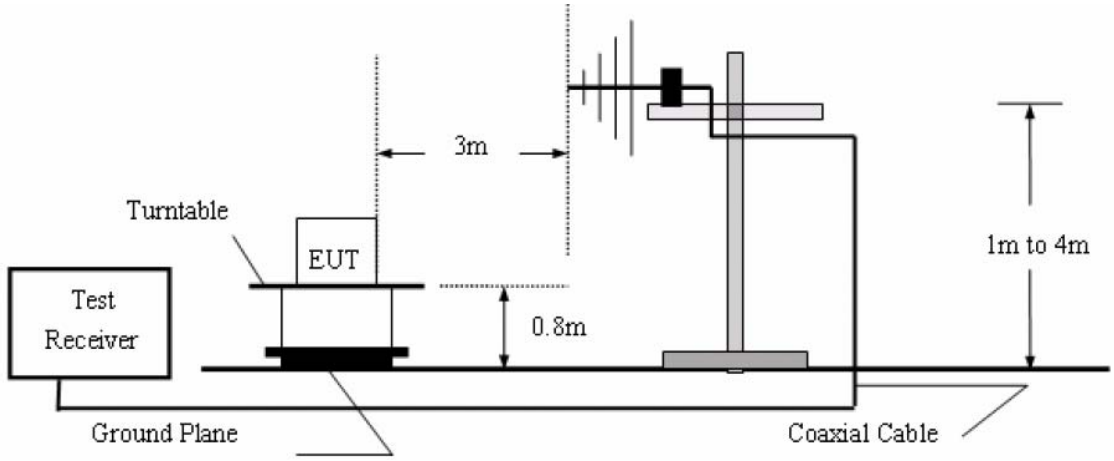
3.2.1.2. Single playing via HDMI between EUT and Monitor



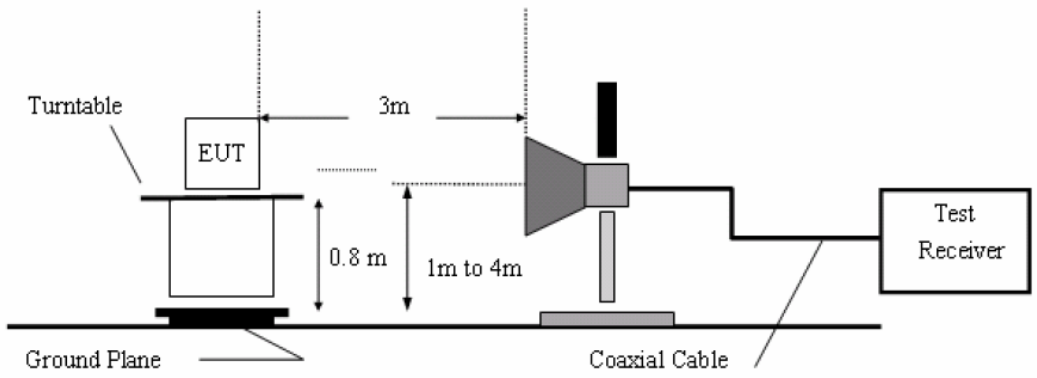
(EUT: Tablet)

3.2.2. Anechoic Chamber Test Setup Diagram

3.2.2.1. 30M to 1G emissions:



3.2.2.2. 1G to 40G emissions:



3.3. Test Procedure

The EUT is placed on a turn table which is 0.8 meter high above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.

All readings from 30MHz to 1GHz are quasi-peak values with a resolution bandwidth of 120kHz. All reading are above 1GHz, peak & average values with a resolution bandwidth of 1MHz. The EUT is tested in 9*6*6 Chamber.

The test results are listed in Section 3.4.

3.4. Radiated Emission Measurement Results

PASS.

The test data Please refer the following pages.

Data: For data exchange via USB between EUT and PC Mode.

Horizontal

Frequency MHz	Cable Loss dB	Ant Factor dB/m	Preamp Factor dB	Read Level dBμV	Level dBμV/m	Limit dBμV/m	Over Limit dB	Remark
199.98	2.93	13.12	41.00	64.20	39.25	43.50	-4.25	QP
312.18	3.01	13.24	40.00	65.60	41.85	46.00	-4.15	QP
1301.76	3.00	21.32	38.30	58.02	44.04	54.00	-9.96	peak
2169.96	3.11	25.75	38.82	50.11	40.15	54.0	-13.85	Peak
4825.00	3.11	31.61	34.70	37.12	37.14	54.0	-16.86	Peak
6000.00	--	--	--	--	--	--	--	--

Vertical

Frequency MHz	Cable Loss dB	Ant Factor dB/m	Preamp Factor dB	Read Level dBμV	Level dBμV/m	Limit dBμV/m	Over Limit dB	Remark
199.98	2.93	13.12	41.00	65.30	40.35	43.50	-3.20	QP
1735.68	3.10	24.05	38.41	73.45	52.19	60.8	-8.61	Peak
2412.00	3.11	31.24	36.00	89.57	87.88	94.0	-6.12	Peak
4810.00	3.11	31.60	34.70	36.24	36.25	54.0	-17.75	Peak
6000.00	--	--	--	--	--	--	--	--

Data: For Single playing via HDMI between EUT and Monitor Mode.

Horizontal

Frequency MHz	Cable Loss dB	Ant Factor dB/m	Preamp Factor dB	Read Level dBμV	Level dBμV/m	Limit dBμV/m	Over Limit dB	Remark
360.44	3.02	13.27	40.00	64.85	41.14	46.00	-4.86	QP
741.00	2.36	18.56	39.95	60.60	41.57	46.00	-4.43	QP
1482.00	3.00	21.32	38.30	58.02	44.04	54.00	-9.96	peak
2223.00	3.11	25.75	38.82	50.11	40.15	54.00	-13.85	Peak
2964.00	3.11	26.12	38.46	47.10	37.87	54.00	-16.13	Peak
3705.00	--	--	--	--	--	--	--	--
4446.00	--	--	--	--	--	--	--	--
5187.00	--	--	--	--	--	--	--	--
5928.00	--	--	--	--	--	--	--	--
6669.00	--	--	--	--	--	--	--	--
7410.00	--	--	--	--	--	--	--	--

Vertical

Frequency MHz	Cable Loss dB	Ant Factor dB/m	Preamp Factor dB	Read Level dBμV	Level dBμV/m	Limit dBμV/m	Over Limit dB	Remark
360.44	3.02	13.27	40.00	64.85	41.14	46.00	-4.86	QP
741.00	2.36	18.56	39.95	59.30	40.27	46.00	-5.73	QP
1482.00	3.00	21.32	38.30	58.00	44.02	54.00	-9.98	peak
2223.00	3.11	25.75	38.82	49.01	39.05	54.00	-14.95	Peak
2964.00	3.11	26.12	38.46	47.55	38.32	54.00	-15.68	Peak
3705.00	--	--	--	--	--	--	--	--
4446.00	--	--	--	--	--	--	--	--
5187.00	--	--	--	--	--	--	--	--
5928.00	--	--	--	--	--	--	--	--
6669.00	--	--	--	--	--	--	--	--
7410.00	--	--	--	--	--	--	--	--

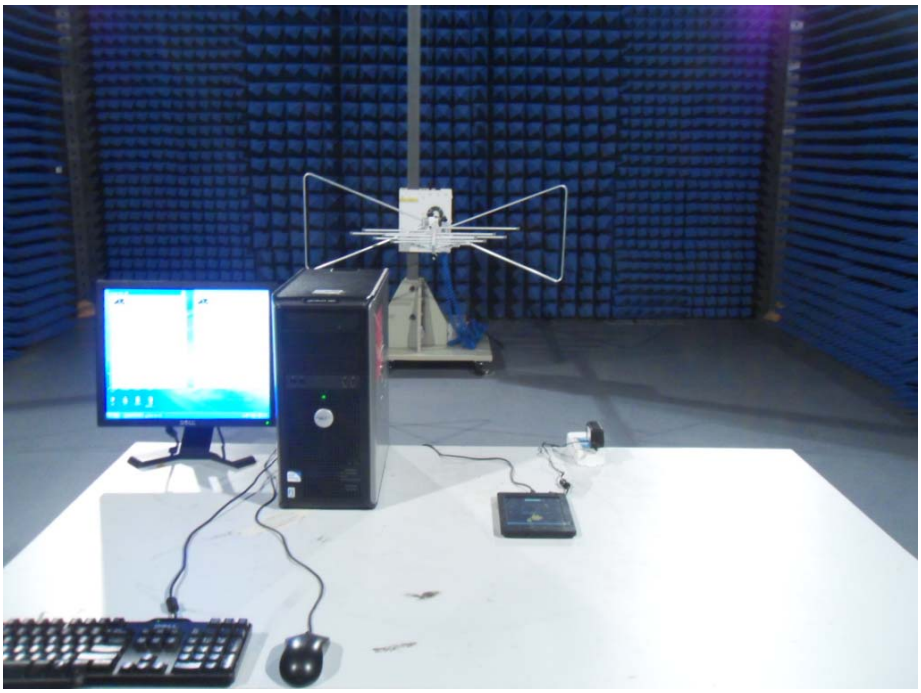
NOTE:

1. **" --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.**

4. PHOTOGRAPH

4.1. Photo of Power Line Conducted Emission Test

4.2. Photo of Radiated Emission Test



APPENDIX I
(Photos of EUT)

Figure 1
The EUT-Front View

Figure 2
The EUT-Back View

Figure 3
The EUT-Side View

Figure 4
The EUT-Side View

Figure 5
The EUT-Side View

Figure 6
The EUT-Side View

Figure 7
The EUT-Inside View

Figure 8
PCB of the EUT-Front View

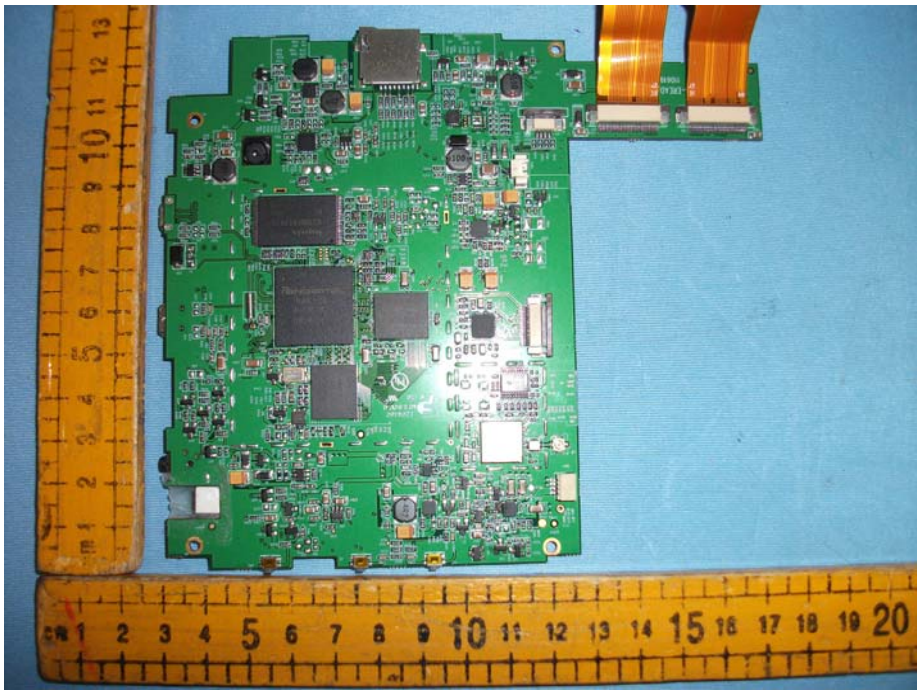


Figure 9
PCB of the EUT-Back View

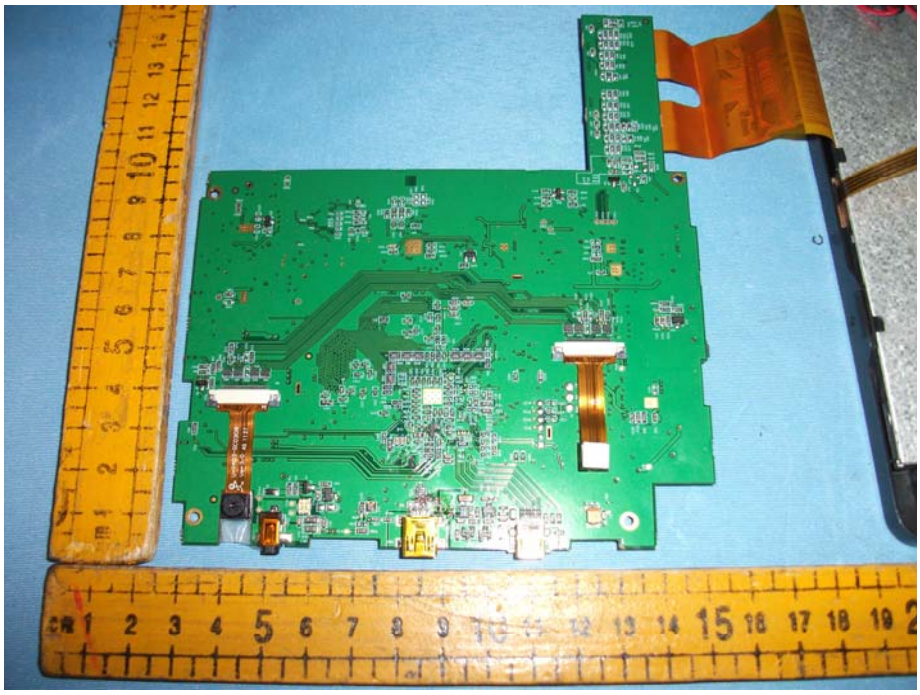


Figure 10
PCB of the EUT-Front View (WIFI Module)

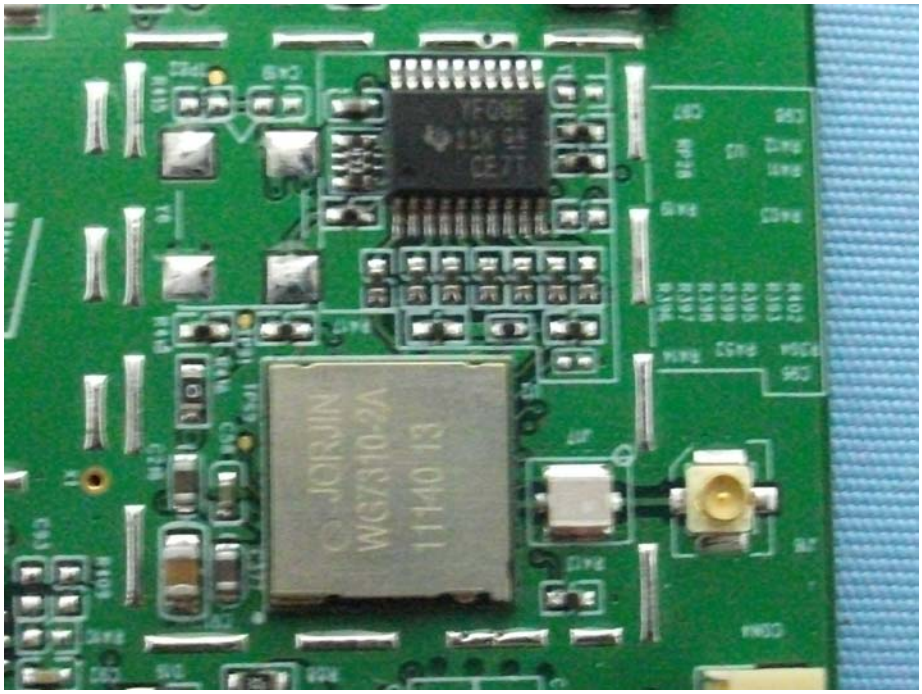


Figure 11
PCB of the EUT-Front View (WIFI Module)

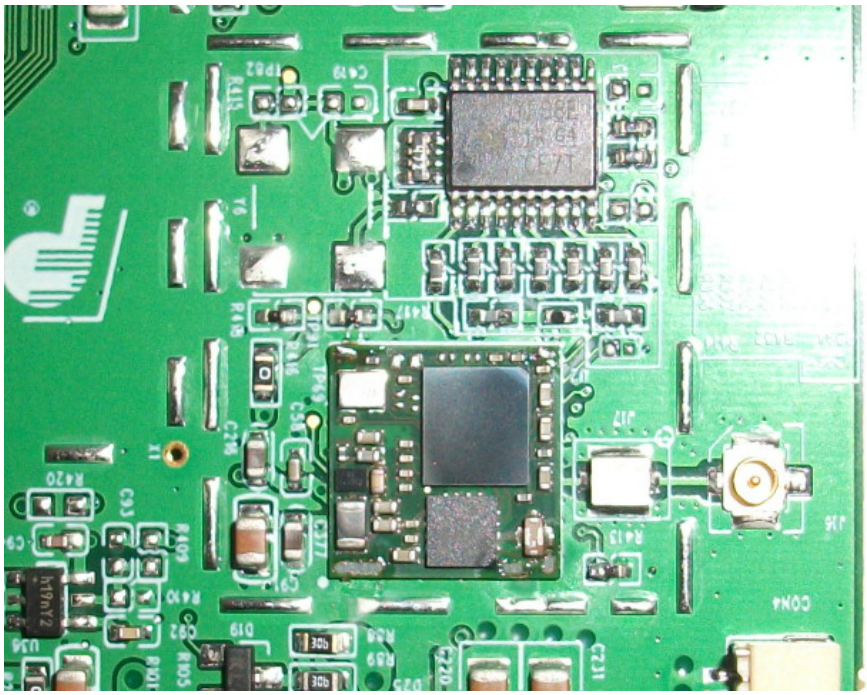


Figure 12
PCB of the EUT-Front View

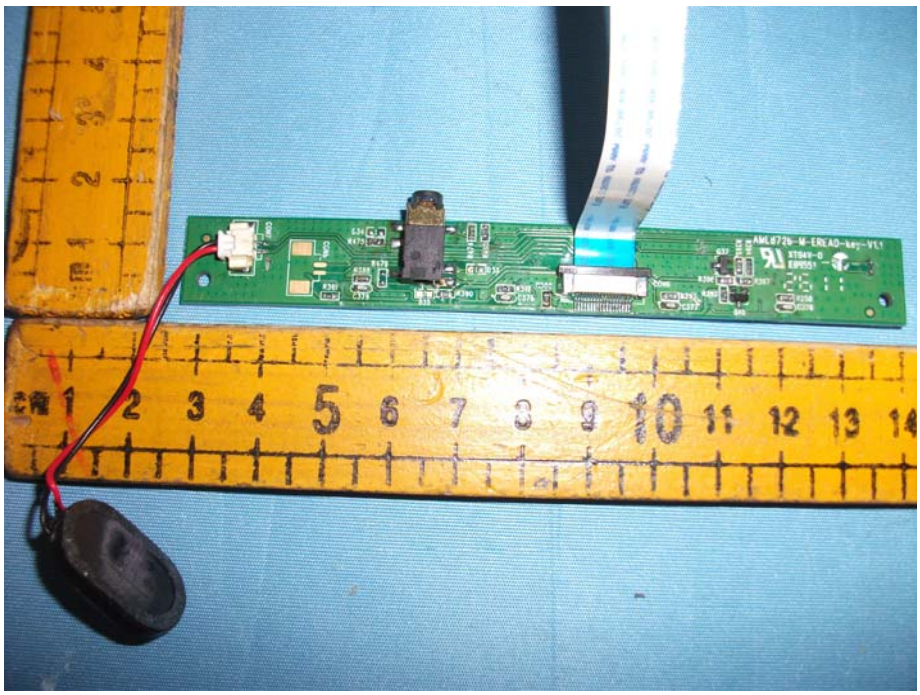


Figure 13
PCB of the EUT-Back View