

APPLICATION CERTIFICATION FCC Part 15B

On Behalf of

Xinwei Electronic Industrial Co., Ltd. Fujian

Tablet PC

Model No.: P073A, DII PAD_BK, DII PAD_WH, DII PAD_PK, DII PAD_PL, DII PADXXXX,
PXXXX, EP073A

FCC ID: PMGP073A

Prepared for : Xinwei Electronic Industrial Co., Ltd. Fujian
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Fujian Province, China

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Report Number : ATE20121980
Date of Test : August 22-24, 2012
Date of Report : August 24, 2012

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Test Report Certification

Applicant : Xinwei Electronic Industrial Co., Ltd. Fujian

Manufacturer : Xinwei Electronic Industrial Co., Ltd. Fujian

EUT Description : Tablet PC

(A) MODEL NO.: P073A, DII PAD_BK, DII PAD_WH,
DII PAD_PK, DII PAD_PL, DII PADXXXX, PXXXX,
EP073A

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 3.7V (Li-polymer battery) & AC 120V/60Hz
(Adapter input)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B ANSI C63.4: 2003

The device described above is tested by ACCURATE TECHNOLOGY CO. LTD to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B limits. The measurement results are contained in this test report and ACCURATE TECHNOLOGY CO. LTD 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 ACCURATE TECHNOLOGY CO. LTD.

Date of Test : August 22-24, 2012

Prepared by :



(Apple Lv, Engineer)

Approved & Authorized Signer :



(Sean Liu, Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	:	Tablet PC
Model Number	:	P073A, DII PAD_BK, DII PAD_WH, DII PAD_PK, DII PAD_PL, DII PADXXXX, PXXXX, EP073A (Note: DII PADXXXX, XXXX stands for different appearance. XXXX denote any number from 0 to 9, or letter from A to Z, or blank PXXXX, XXXX stands for different appearance. XXXX denote any number from 0 to 9, or letter from A to Z, or blank These samples are same except for the appearance is difference. So we prepare the P073A for FCC test.)
Power Supply	:	DC 3.7V (Li-polymer battery) & AC 120V/60Hz (Adapter input)
Adapter	:	Model number: ZFXPA020000 50US Input: AC 100-240V; 50/60Hz 0.5A Max. Output: DC 5V/2.0A
Highest operation frequency of the EUT:	:	1GHz
Applicant	:	Xinwei Electronic Industrial Co., Ltd. Fujian
Address	:	Shiting Jiangkou Town, Hanjiang District, Putian City, Fujian Province, China
Manufacturer	:	Xinwei Electronic Industrial Co., Ltd. Fujian
Address	:	Shiting Jiangkou Town, Hanjiang District, Putian City, Fujian Province, China
Date of sample received	:	August 22, 2012
Date of Test	:	August 22-24, 2012

1.2. Accessory and Auxiliary Equipment

PC	:	Manufacturer: DELL Model No.: DMC Serial No.: 3R7LF1X
LCD Monitor	:	Manufacturer: DELL Model No.: E172FPt Serial No.: 434
Keyboard	:	Manufacturer: DELL Model No.: SK-8110 Serial No.: LR86682
Mouse	:	Manufacturer: DELL Model No.: M071KC Serial No.: 410042355
Printer	:	Manufacturer: Canon Model No.: BJC-1000SP

1.3. Description of Test Facility

EMC Lab : Accredited by TUV Rheinland Shenzhen

Listed by FCC
The Registration Number is 752051

Listed by Industry Canada
The Registration Number is 5077A-2

Accredited by China National Accreditation Committee
for Laboratories
The Certificate Registration Number is L3193

Name of Firm : ACCURATE TECHNOLOGY CO. LTD

Site Location : F1, Bldg. A, Changyuan New Material Port, Keyuan Rd.
Science & Industry Park, Nanshan, Shenzhen, Guangdong
P.R. China

1.4. Measurement Uncertainty

Conducted Emission Expanded Uncertainty = 2.23dB, k=2

Radiated emission expanded uncertainty = 3.08dB, k=2
(9kHz-30MHz)

Radiated emission expanded uncertainty = 4.42dB, k=2
(30MHz-1000MHz)

Radiated emission expanded uncertainty = 4.06dB, k=2
(Above 1GHz)

2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated date	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 8, 2012	Jan. 7, 2013
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 8, 2012	Jan. 7, 2013
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 8, 2012	Jan. 7, 2013
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 8, 2012	Jan. 7, 2013
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 8, 2012	Jan. 7, 2013
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 8, 2012	Jan. 7, 2013
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 8, 2012	Jan. 7, 2013
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 8, 2012	Jan. 7, 2013

3. OPERATION OF EUT DURING TESTING

3.1.Operating Mode

The modes are used: 1) Running
2) Transfer data
3) Camera playing

3.2.Configuration and peripherals



(EUT: Tablet PC)

4. TEST PROCEDURES AND RESULTS

FCC Rules	Description of Test	Result
Section 15.107	Conducted Emission Test	Compliant
Section 15.109	Radiated Emission Test	Compliant

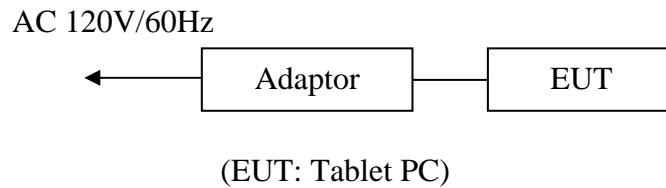
5. CONDUCTED EMISSION FOR FCC PART 15 SECTION

15.107(A)

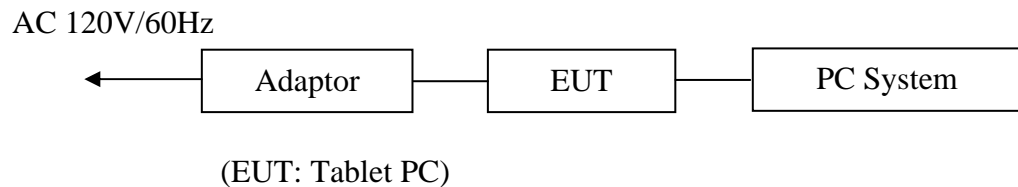
5.1. Block Diagram of Test Setup

5.1.1. Block diagram of connection between the EUT and simulators

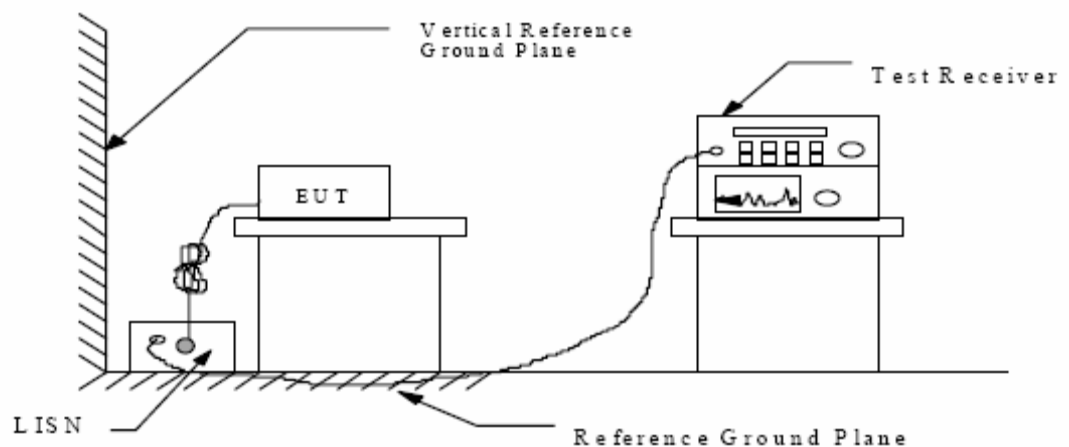
5.1.1.1. For Running & Camera playing



5.1.1.2. For Transfer data



5.1.2. Shielding Room Test Setup Diagram



(EUT: Tablet PC)

5.2.The Emission Limit

5.2.1.Conducted Emission Measurement Limits According to Section 15.107(a)

Frequency (MHz)	Limit dB(μ V)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

* Decreases with the logarithm of the frequency.

5.3.Configuration of EUT on Measurement

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

5.3.1.Tablet PC (EUT)

Model Number : P073A
 Serial Number : N/A
 Manufacturer : Xinwei Electronic Industrial Co., Ltd. Fujian

5.4.Operating Condition of EUT

5.4.1.Setup the EUT and simulator as shown as Section 5.1.

5.4.2.Turn on the power of all equipment.

5.4.3.Let the EUT work in modes (Running, Transfer data, Camera playing) and measure it.

5.5.Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and 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 lines 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 ANSI C63.4: 2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

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

5.6. Power Line Conducted Emission Measurement Results

PASS.

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

Date of Test:	August 23, 2012	Temperature:	25°C
EUT:	Tablet PC	Humidity:	50%
Model No.:	P073A	Power Supply:	AC 120V/60Hz
Test Mode:	Running	Test Engineer:	PEI

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.185344	54.20	11.2	64	10.0	QP	L1	GND
0.242179	47.10	11.4	62	14.9	QP	L1	GND
3.457718	35.10	11.5	56	20.9	QP	L1	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.210599	31.40	11.3	53	21.8	AV	L1	GND
0.538120	29.50	12.0	46	16.5	AV	L1	GND
3.527427	20.80	11.5	46	25.2	AV	L1	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.185344	46.40	11.2	64	17.8	QP	N	GND
1.574882	22.00	11.7	56	34.0	QP	N	GND
8.255415	36.90	11.3	60	23.1	QP	N	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.540273	25.90	12.0	46	20.1	AV	N	GND
3.656466	25.90	11.5	46	20.1	AV	N	GND
8.222525	31.10	11.3	50	18.9	AV	N	GND

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	August 23, 2012	Temperature:	25°C
EUT:	Tablet PC	Humidity:	50%
Model No.:	P073A	Power Supply:	AC 120V/60Hz
Test Mode:	Transfer data	Test Engineer:	PEI

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.200748	46.10	11.2	64	17.5	QP	N	GND
4.154706	34.80	11.5	56	21.2	QP	N	GND
7.150316	35.20	11.4	60	24.8	QP	N	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.183137	29.10	11.2	54	25.2	AV	N	GND
4.105246	30.00	11.5	46	16.0	AV	N	GND
8.455537	33.60	11.3	50	16.4	AV	N	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.181681	42.90	11.2	64	21.5	QP	L1	GND
0.546782	42.90	12.0	56	13.1	QP	L1	GND
3.805385	31.30	11.5	56	24.7	QP	L1	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.183870	32.90	11.2	54	21.4	AV	L1	GND
0.548969	36.90	12.0	46	9.1	AV	L1	GND
3.820607	26.20	11.5	46	19.8	AV	L1	GND

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	August 23, 2012	Temperature:	25°C
EUT:	Tablet PC	Humidity:	50%
Model No.:	P073A	Power Supply:	AC 120V/60Hz
Test Mode:	Camera playing	Test Engineer:	PEI

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.224490	39.70	11.3	63	23.0	QP	N	GND
3.715321	31.20	11.5	56	24.8	QP	N	GND
8.321591	40.10	11.3	60	19.9	QP	N	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.171121	29.20	11.1	55	25.7	AV	N	GND
3.760084	24.80	11.5	46	21.2	AV	N	GND
8.288437	33.70	11.3	50	16.3	AV	N	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.189837	44.10	11.2	64	19.9	QP	L1	GND
0.251038	40.20	11.4	62	21.5	QP	L1	GND
8.189766	37.20	11.3	60	22.8	QP	L1	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.189080	32.50	11.2	54	21.6	AV	L1	GND
0.251038	28.10	11.4	52	23.6	AV	L1	GND
8.027918	32.10	11.3	50	17.9	AV	L1	GND

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

ACCURATE TECHNOLOGY CO., LTD**CONDUCTED EMISSION STANDARD FCC PART15B**

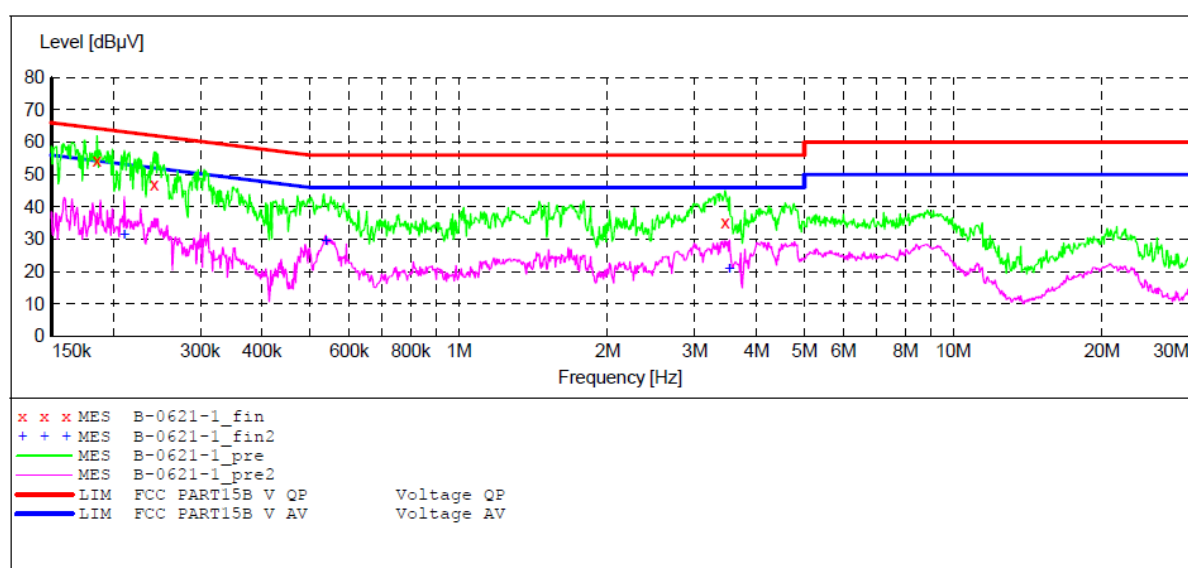
EUT: Tablet PC M/N:P073A
 Manufacturer: Xinwei
 Operating Condition: Running
 Test Site: 1#Shielding Room
 Operator: Bob
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Report NO.: ATE20121980

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008

 Average

**MEASUREMENT RESULT: "B-0621-1_fin"**

8/23/2012 3:46PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.185344	54.20	11.2	64	10.0	QP	L1	GND
0.242179	47.10	11.4	62	14.9	QP	L1	GND
3.457718	35.10	11.5	56	20.9	QP	L1	GND

MEASUREMENT RESULT: "B-0621-1_fin2"

8/23/2012 3:46PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.210599	31.40	11.3	53	21.8	AV	L1	GND
0.538120	29.50	12.0	46	16.5	AV	L1	GND
3.527427	20.80	11.5	46	25.2	AV	L1	GND

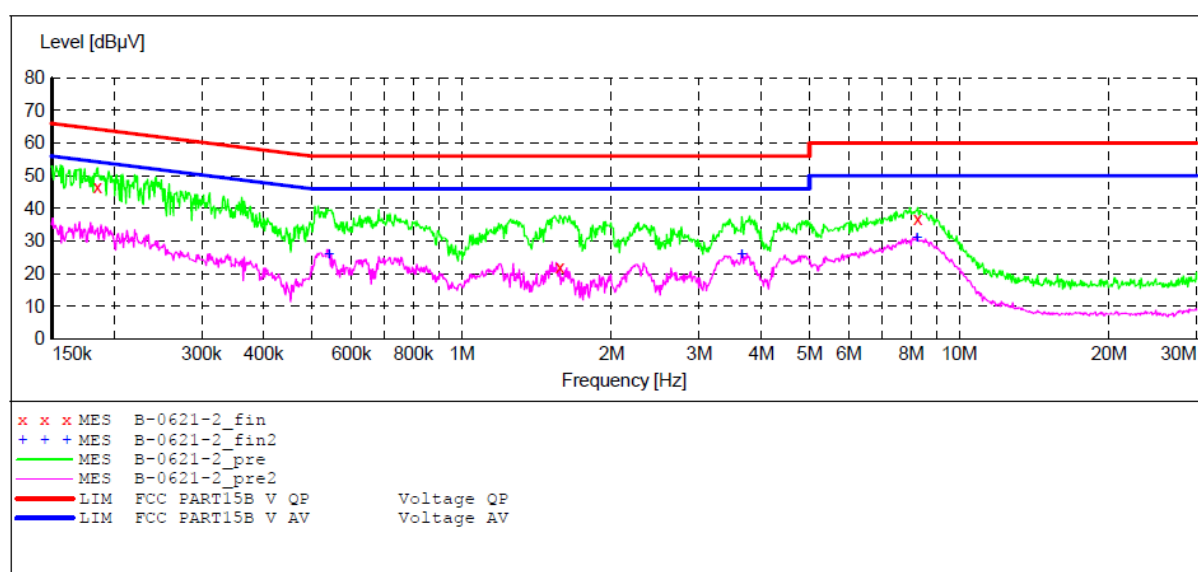
ACCURATE TECHNOLOGY CO.,LTD**CONDUCTED EMISSION STANDARD FCC PART15B**

EUT: Tablet PC M/N:P073A
 Manufacturer: Xinwei
 Operating Condition: Running
 Test Site: 1#Shielding Room
 Operator: Bob
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Report NO.:ATE20121980

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						

**MEASUREMENT RESULT: "B-0621-2_fin"**

8/23/2012 3:49PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.185344	46.40	11.2	64	17.8	QP	N	GND
1.574882	22.00	11.7	56	34.0	QP	N	GND
8.255415	36.90	11.3	60	23.1	QP	N	GND

MEASUREMENT RESULT: "B-0621-2_fin2"

8/23/2012 3:49PM

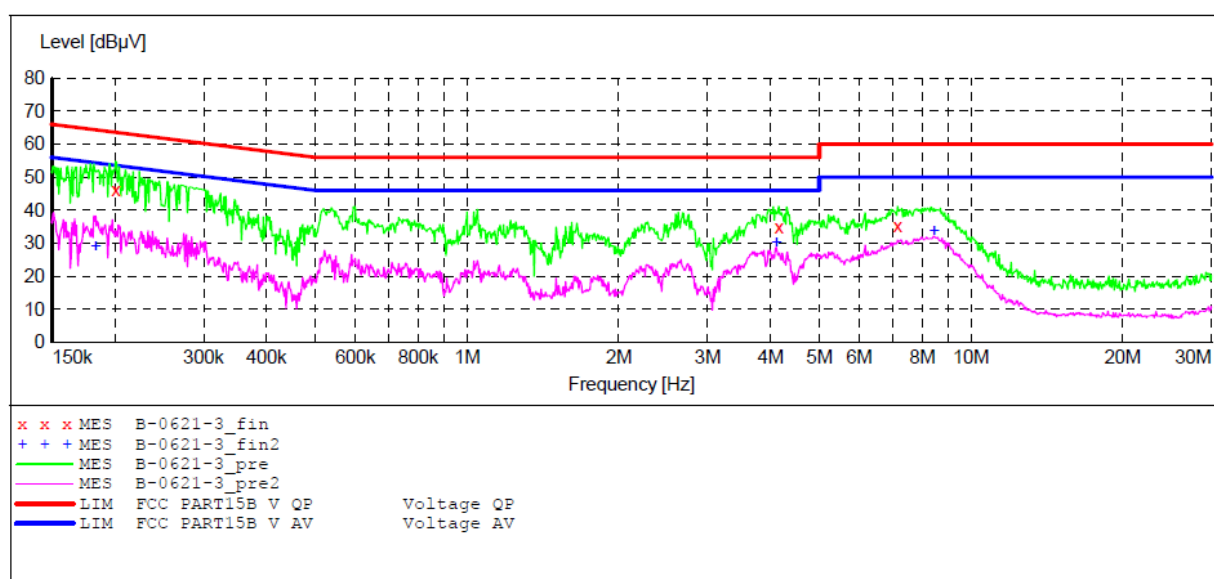
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.540273	25.90	12.0	46	20.1	AV	N	GND
3.656466	25.90	11.5	46	20.1	AV	N	GND
8.222525	31.10	11.3	50	18.9	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD**CONDUCTED EMISSION STANDARD FCC PART15B**

EUT: Tablet PC M/N:P073A
 Manufacturer: Xinwei
 Operating Condition: Transfer Data
 Test Site: 1#Shielding Room
 Operator: Bob
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Report NO.: ATE20121980

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average

**MEASUREMENT RESULT: "B-0621-3_fin"**

8/23/2012 3:52PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.200748	46.10	11.2	64	17.5	QP	N	GND
4.154706	34.80	11.5	56	21.2	QP	N	GND
7.150316	35.20	11.4	60	24.8	QP	N	GND

MEASUREMENT RESULT: "B-0621-3_fin2"

8/23/2012 3:52PM

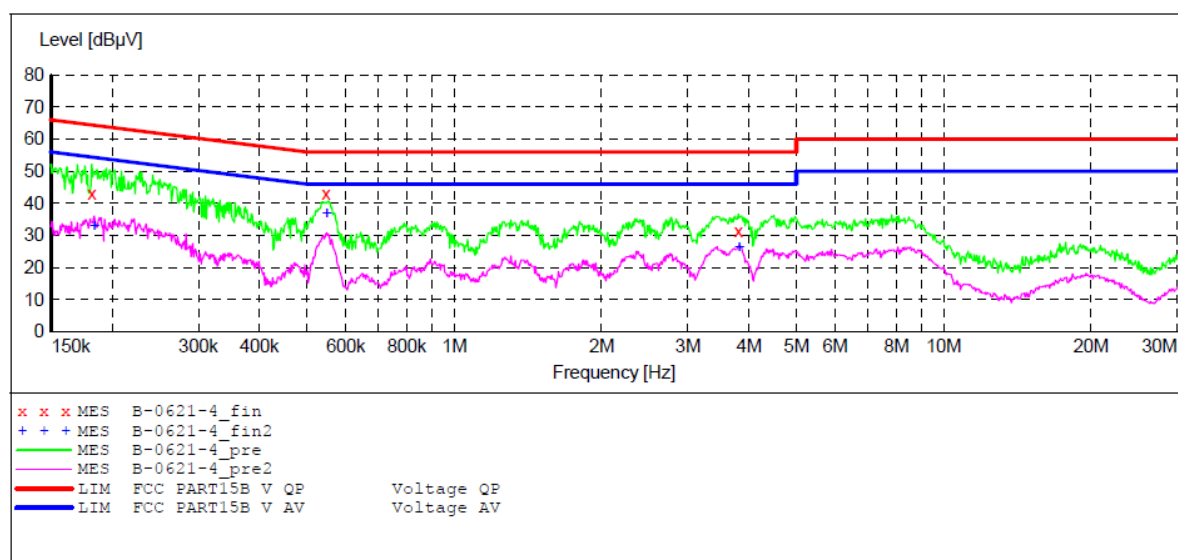
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.183137	29.10	11.2	54	25.2	AV	N	GND
4.105246	30.00	11.5	46	16.0	AV	N	GND
8.455537	33.60	11.3	50	16.4	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD**CONDUCTED EMISSION STANDARD FCC PART15B**

EUT: Tablet PC M/N:P073A
 Manufacturer: Xinwei
 Operating Condition: Transfer Data
 Test Site: 1#Shielding Room
 Operator: Bob
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Report NO.: ATE20121980

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average

**MEASUREMENT RESULT: "B-0621-4_fin"**

8/23/2012 3:55PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.181681	42.90	11.2	64	21.5	QP	L1	GND
0.546782	42.90	12.0	56	13.1	QP	L1	GND
3.805385	31.30	11.5	56	24.7	QP	L1	GND

MEASUREMENT RESULT: "B-0621-4_fin2"

8/23/2012 3:55PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.183870	32.90	11.2	54	21.4	AV	L1	GND
0.548969	36.90	12.0	46	9.1	AV	L1	GND
3.820607	26.20	11.5	46	19.8	AV	L1	GND

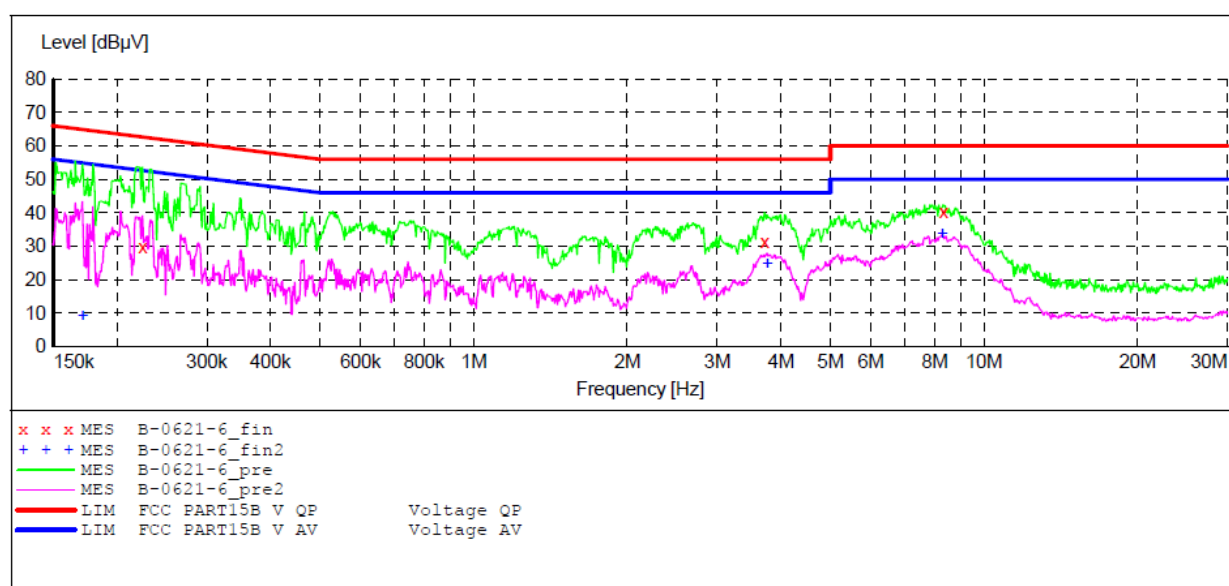
ACCURATE TECHNOLOGY CO.,LTD**CONDUCTED EMISSION STANDARD FCC PART15B**

EUT: Tablet PC M/N:P073A
 Manufacturer: Xinwei
 Operating Condition: Camera
 Test Site: 1#Shielding Room
 Operator: Bob
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Report NO.: ATE20121980

SCAN TABLE: "V 150K-30MHz fin"

Short Description: SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						

**MEASUREMENT RESULT: "B-0621-6_fin"**

8/23/2012 4:01PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.224490	39.70	11.3	63	23.0	QP	N	GND
3.715321	31.20	11.5	56	24.8	QP	N	GND
8.321591	40.10	11.3	60	19.9	QP	N	GND

MEASUREMENT RESULT: "B-0621-6_fin2"

8/23/2012 4:01PM

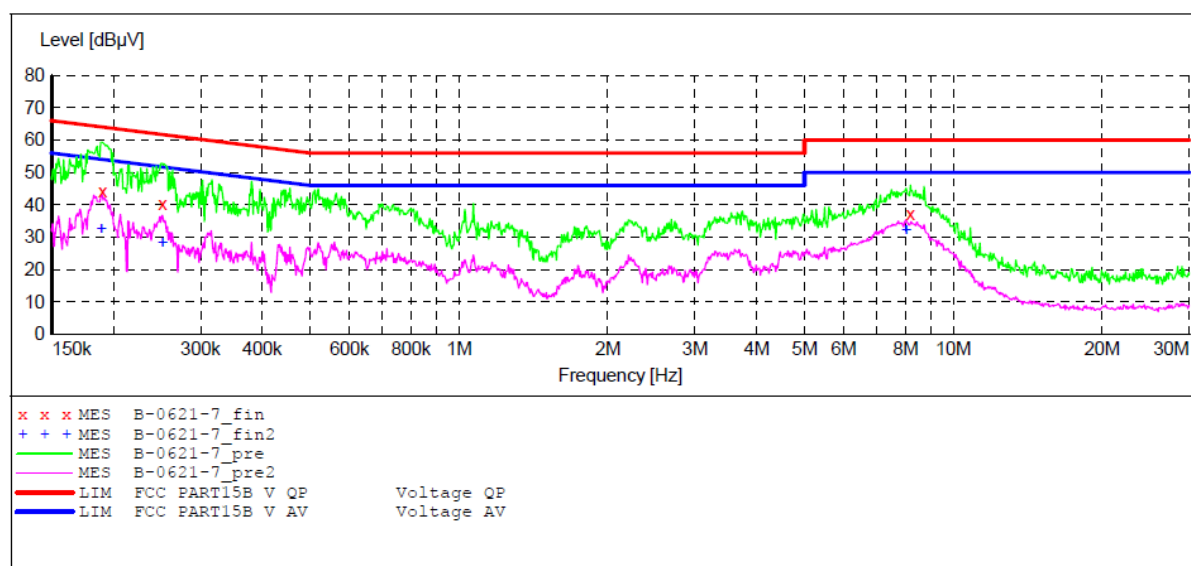
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.171121	29.20	11.1	55	25.7	AV	N	GND
3.760084	24.80	11.5	46	21.2	AV	N	GND
8.288437	33.70	11.3	50	16.3	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD**CONDUCTED EMISSION STANDARD FCC PART15B**

EUT: Tablet PC M/N:P073A
 Manufacturer: Xinwei
 Operating Condition: Camera
 Test Site: 1#Shielding Room
 Operator: Bob
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Report NO.:ATE20121980

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average

**MEASUREMENT RESULT: "B-0621-7_fin"**

8/23/2012 4:05PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.189837	44.10	11.2	64	19.9	QP	L1	GND
0.251038	40.20	11.4	62	21.5	QP	L1	GND
8.189766	37.20	11.3	60	22.8	QP	L1	GND

MEASUREMENT RESULT: "B-0621-7_fin2"

8/23/2012 4:05PM

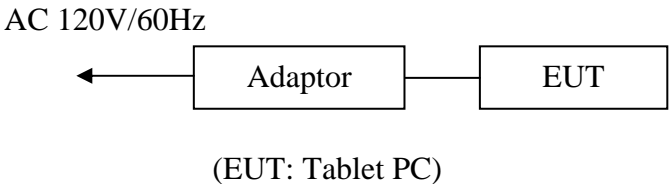
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.189080	32.50	11.2	54	21.6	AV	L1	GND
0.251038	28.10	11.4	52	23.6	AV	L1	GND
8.027918	32.10	11.3	50	17.9	AV	L1	GND

6. RADIATED EMISSION FOR FCC PART 15 SECTION 15.109(A)

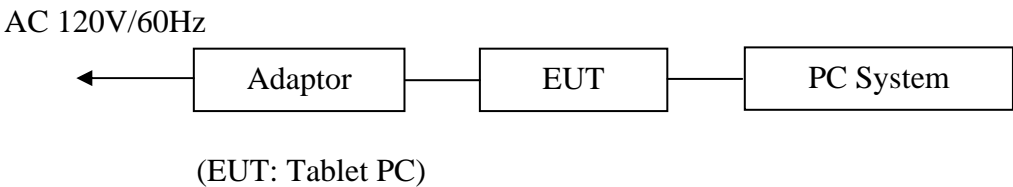
6.1. Block Diagram of Test Setup

6.1.1. Block diagram of connection between the EUT and simulators

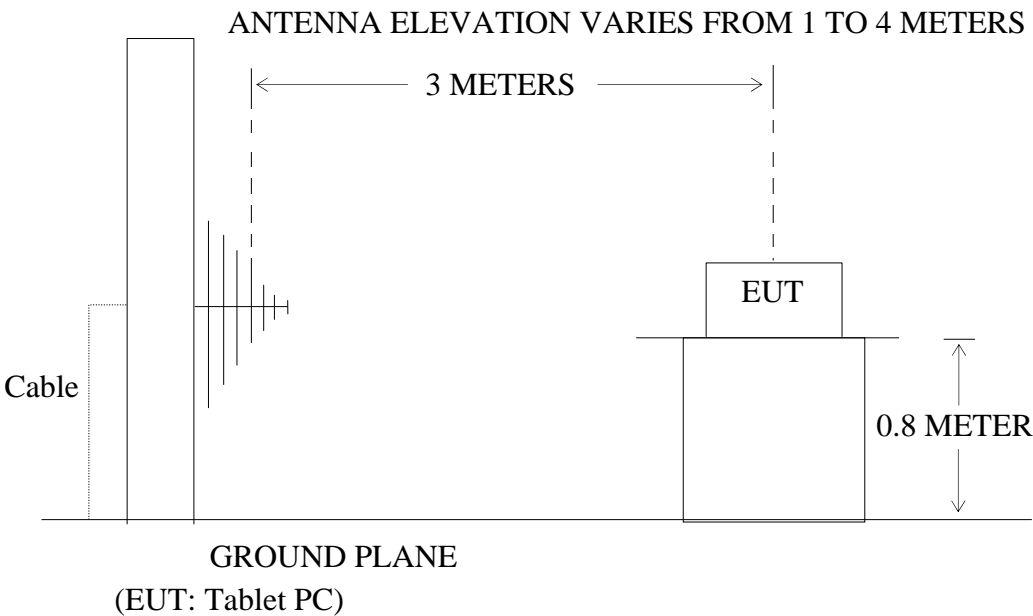
6.1.1.1. For Running & Camera playing



6.1.1.2. For Transfer data



6.1.2. Semi-Anechoic Chamber Test Setup Diagram



6.2.The Emission Limit For Section 15.109 (a)

6.2.1.Radiation Emission Measurement Limits According to Section 15.109 (a).

Frequency (MHz)	Limit	
	Field Strength of Quasi-peak Value (microvolts/m)	Field Strength of Quasi-peak Value (dBμV/m)
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

6.3.EUT Configuration on Measurement

The following equipment are installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

6.3.1.Tablet PC (EUT)

Model Number : P073A
 Serial Number : N/A
 Manufacturer : Xinwei Electronic Industrial Co., Ltd. Fujian

6.4.Operating Condition of EUT

6.4.1.Setup the EUT and simulator as shown as Section 6.1.

6.4.2.Turn on the power of all equipment.

6.4.3. Let the EUT work in (Running, Transfer data, Camera playing) mode measure it.

6.5. Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.

The bandwidth of test receiver is set at 120kHz in 30-1000MHz and 1MHz in above 1000MHz.

The frequency range from 30MHz to 5000MHz is checked.

6.6.The Emission Measurement Result

PASS.

Date of Test:	August 22, 2012	Temperature:	25°C
EUT:	Tablet PC	Humidity:	50%
Model No.:	P073A	Power Supply:	AC 120V/60Hz
Test Mode:	Running	Test Engineer:	PEI

Frequency: 30-1000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	142.2000	15.40	14.48	29.88	43.50	-13.62	QP
	2	213.3000	21.65	16.47	38.12	43.50	-5.38	QP
	3	355.5000	14.82	21.13	35.95	46.00	-10.05	QP
	4	640.0000	11.72	26.08	37.80	46.00	-8.20	QP
	5	746.6000	11.91	27.57	39.48	46.00	-6.52	QP
	6	995.4000	15.34	29.88	45.22	54.00	-8.78	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	35.6796	21.16	16.64	37.80	40.00	-2.20	QP
	2	71.1000	18.11	12.97	31.08	40.00	-8.92	QP
	3	213.3000	18.51	16.48	34.99	43.50	-8.51	QP
	4	533.3000	18.00	24.47	42.47	46.00	-3.53	QP
	5	640.0000	14.73	26.08	40.81	46.00	-5.19	QP
	6	995.5000	17.31	29.88	47.19	54.00	-6.81	QP
Frequency: 1000-5000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	2733.257	46.22	-6.18	40.04	74.00	-33.96	peak
	2	2733.257	41.83	-6.18	35.65	54.00	-18.35	AVG
	3	3428.680	44.00	-3.59	40.41	74.00	-33.59	peak
	4	3428.680	39.66	-3.59	36.07	54.00	-17.93	AVG
	5	4457.010	44.07	-1.48	42.59	74.00	-31.41	peak
	6	4457.010	39.79	-1.48	38.31	54.00	-15.69	AVG
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1498.000	45.62	-11.50	34.12	54.00	-19.88	AVG
	2	1498.100	51.62	-11.50	40.12	74.00	-33.88	peak
	3	1599.699	46.30	-11.08	35.22	54.00	-18.78	AVG
	4	1599.900	51.08	-11.08	40.00	74.00	-34.00	peak
	5	2938.900	46.33	-5.63	40.70	74.00	-33.30	peak
	6	2940.000	41.33	-5.63	35.70	54.00	-18.30	AVG

Date of Test:	<u>August 22, 2012</u>	Temperature:	<u>25°C</u>
EUT:	<u>Tablet PC</u>	Humidity:	<u>50%</u>
Model No.:	<u>P073A</u>	Power Supply:	<u>AC 120V/60Hz</u>
Test Mode:	<u>Transfer data</u>	Test Engineer:	<u>PEI</u>

Frequency: 30-1000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	213.3000	25.13	16.47	41.60	43.50	-1.90	QP
	2	253.1000	19.50	17.74	37.24	46.00	-8.76	QP
	3	350.9721	17.24	20.85	38.09	46.00	-7.91	QP
	4	533.3000	14.52	24.47	38.99	46.00	-7.01	QP
	5	740.3000	15.05	27.51	42.56	46.00	-3.44	QP
	6	995.5000	15.49	29.88	45.37	54.00	-8.63	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	35.2000	15.12	16.67	31.79	40.00	-8.21	QP
	2	51.8172	17.81	13.95	31.76	40.00	-8.24	QP
	3	71.1096	18.16	12.97	31.13	40.00	-8.87	QP
	4	213.3535	20.50	16.48	36.98	43.50	-6.52	QP
	5	533.3202	18.34	24.47	42.81	46.00	-3.19	QP
	6	995.5000	14.54	29.88	44.42	54.00	-9.58	QP
Frequency: 1000-5000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1498.000	50.14	-11.50	38.64	54.00	-15.36	AVG
	2	1498.010	55.73	-11.50	44.23	74.00	-29.77	peak
	3	1790.925	55.24	-10.12	45.12	54.00	-8.88	AVG
	4	1791.000	50.60	-10.12	40.48	74.00	-33.52	peak
	5	2999.800	49.24	-5.20	44.04	54.00	-9.96	AVG
	6	2999.990	54.82	-5.20	49.62	74.00	-24.38	peak
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1490.000	59.13	-11.52	47.61	74.00	-26.39	peak
	2	1498.900	55.11	-11.50	43.61	54.00	-10.39	AVG
	3	2247.900	56.12	-8.16	47.96	74.00	-26.04	peak
	4	2248.000	51.12	-8.16	42.96	54.00	-11.04	AVG
	5	2999.900	51.00	-5.20	45.80	54.00	-8.20	AVG
	6	3000.100	56.00	-5.20	50.80	74.00	-23.20	peak

Date of Test:	August 22, 2012	Temperature:	25°C
EUT:	Tablet PC	Humidity:	50%
Model No.:	P073A	Power Supply:	AC 120V/60Hz
Test Mode:	Camera playing	Test Engineer:	PEI

Frequency: 30-1000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	154.7857	18.68	14.56	33.24	43.50	-10.26	QP
	2	231.8531	20.16	16.83	36.99	46.00	-9.01	QP
	3	385.8980	15.61	21.74	37.35	46.00	-8.65	QP
	4	493.5009	17.78	23.95	41.73	46.00	-4.27	QP
	5	635.5575	12.62	26.07	38.69	46.00	-7.31	QP
	6	995.6000	14.67	29.88	44.55	54.00	-9.45	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	31.1822	14.36	17.54	31.90	40.00	-8.10	QP
	2	57.6691	17.42	12.74	30.16	40.00	-9.84	QP
	3	76.9256	16.95	13.44	30.39	40.00	-9.61	QP
	4	231.8531	13.40	16.55	29.95	46.00	-16.05	QP
	5	533.3000	13.60	24.47	38.07	46.00	-7.93	QP
	6	995.5000	10.64	29.88	40.52	54.00	-13.48	QP
Frequency: 1000-5000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	2667.673	48.47	-6.55	41.92	74.00	-32.08	peak
	2	2667.673	35.84	-6.55	29.29	54.00	-24.71	AVG
	3	3658.091	43.99	-2.56	41.43	74.00	-32.57	peak
	4	3658.091	32.22	-2.56	29.66	54.00	-24.34	AVG
	5	4031.307	43.93	-1.57	42.36	74.00	-31.64	peak
	6	4031.307	31.17	-1.57	29.60	54.00	-24.40	AVG
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	2667.673	48.48	-6.55	41.93	74.00	-32.07	peak
	2	2667.673	39.88	-6.55	33.33	54.00	-20.67	AVG
	3	3821.559	43.38	-2.18	41.20	74.00	-32.80	peak
	4	3821.559	31.28	-2.18	29.10	54.00	-24.90	AVG
	5	4478.712	42.94	-1.39	41.55	74.00	-32.45	peak
	6	4478.712	32.91	-1.39	31.52	54.00	-22.48	AVG

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain

3. The spectral diagrams are attached as below display the measurement of peak values.



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Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Bob #5812

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Tablet PC

Mode: Running

Model: P073A

Manufacturer: Xinwei

Polarization: Horizontal

Power Source: AC 120V/60Hz

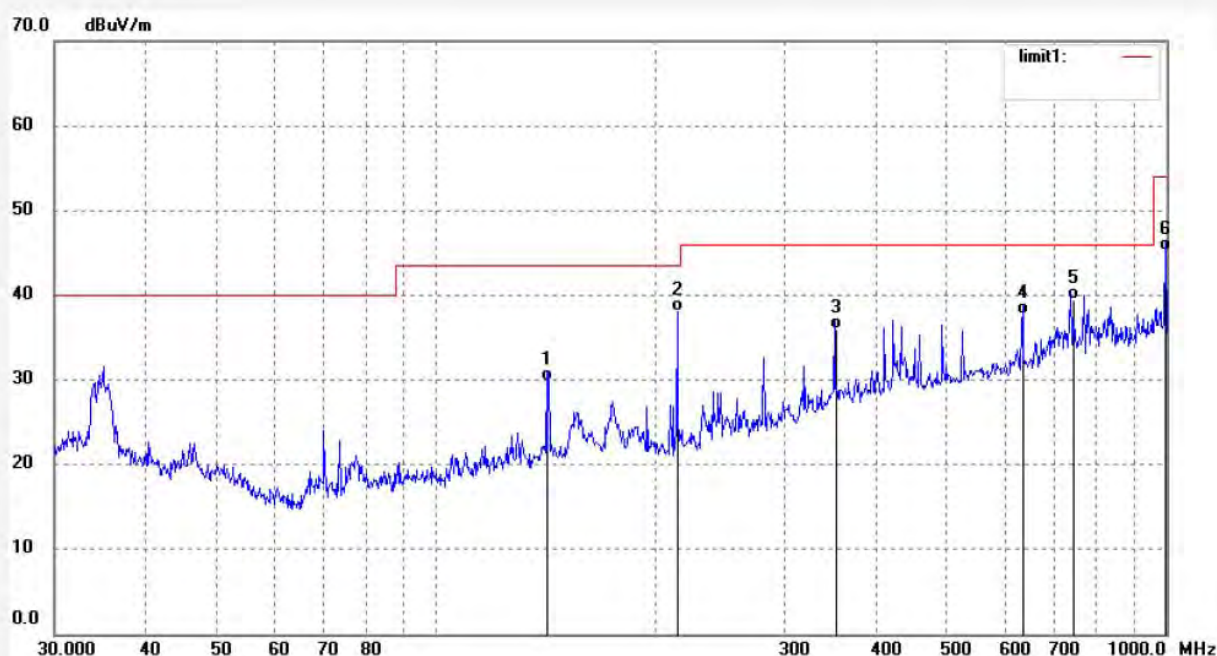
Date: 2012/08/22

Time: 20:00:51

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20121980



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	142.2000	15.40	14.48	29.88	43.50	-13.62	QP			
2	213.3000	21.65	16.47	38.12	43.50	-5.38	QP			
3	355.5000	14.82	21.13	35.95	46.00	-10.05	QP			
4	640.0000	11.72	26.08	37.80	46.00	-8.20	QP			
5	746.6000	11.91	27.57	39.48	46.00	-6.52	QP			
6	995.4000	15.34	29.88	45.22	54.00	-8.78	QP			



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Job No.: Bob #5813

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Tablet PC

Mode: Running

Model: P073A

Manufacturer: Xinwei

Polarization: Vertical

Power Source: AC 120V/60Hz

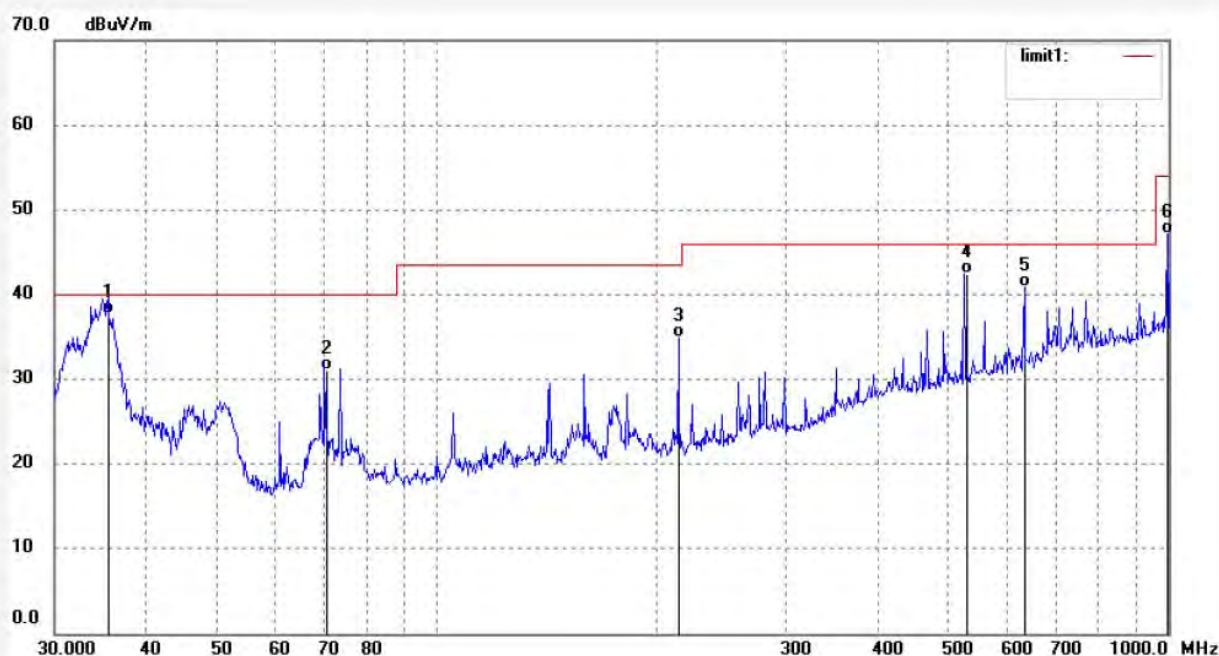
Date: 2012/08/22

Time: 20:04:50

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20121980



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.6796	21.16	16.64	37.80	40.00	-2.20	QP			
2	71.1000	18.11	12.97	31.08	40.00	-8.92	QP			
3	213.3000	18.51	16.48	34.99	43.50	-8.51	QP			
4	533.3000	18.00	24.47	42.47	46.00	-3.53	QP			
5	640.0000	14.73	26.08	40.81	46.00	-5.19	QP			
6	995.5000	17.31	29.88	47.19	54.00	-6.81	QP			


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Job No.: Bob #5817

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Tablet PC

Mode: Running

Model: P073A

Manufacturer: Xinwei

Polarization: Horizontal

Power Source: AC 120V/60Hz

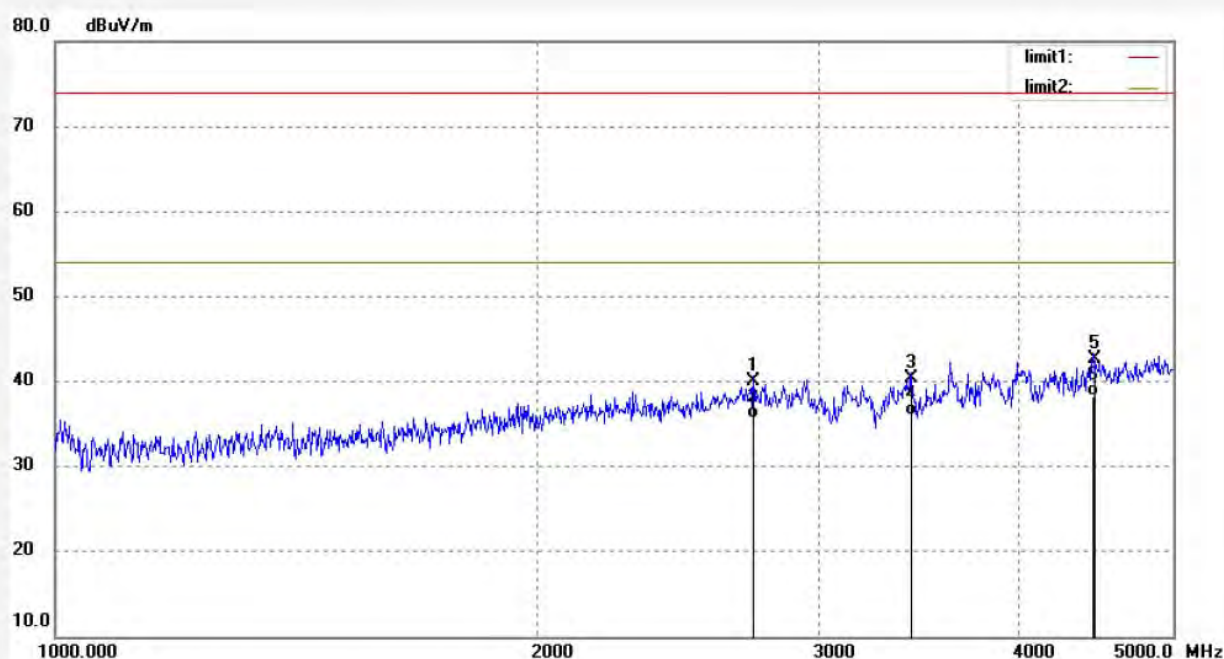
Date: 2012/08/22

Time: 20:32:25

Engineer Signature: Bob

Distance:

Note: Report No.: ATE20121980



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2733.257	46.22	-6.18	40.04	74.00	-33.96	peak			
2	2733.257	41.83	-6.18	35.65	54.00	-18.35	AVG			
3	3428.680	44.00	-3.59	40.41	74.00	-33.59	peak			
4	3428.680	39.66	-3.59	36.07	54.00	-17.93	AVG			
5	4457.010	44.07	-1.48	42.59	74.00	-31.41	peak			
6	4457.010	39.79	-1.48	38.31	54.00	-15.69	AVG			



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Job No.: Bob #5818

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Tablet PC

Mode: Running

Model: P073A

Manufacturer: Xinwei

Polarization: Vertical

Power Source: AC 120V/60Hz

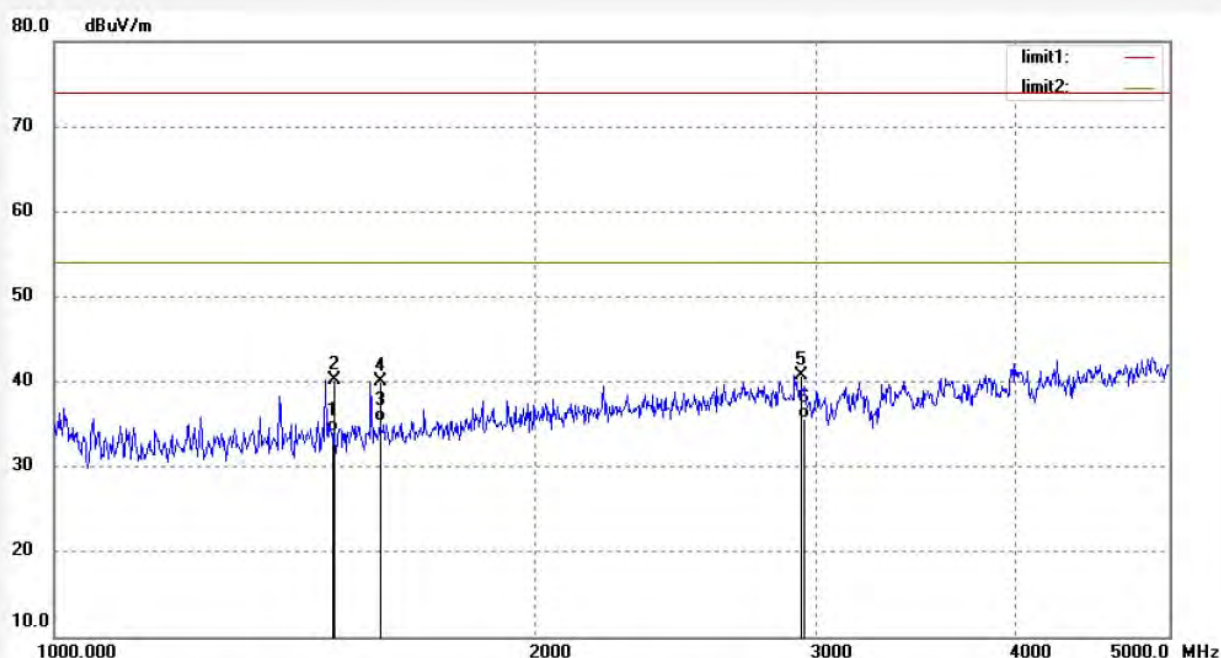
Date: 2012/08/22

Time: 20:35:36

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20121980



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1498.000	45.62	-11.50	34.12	54.00	-19.88	AVG			
2	1498.100	51.62	-11.50	40.12	74.00	-33.88	peak			
3	1599.699	46.30	-11.08	35.22	54.00	-18.78	AVG			
4	1599.900	51.08	-11.08	40.00	74.00	-34.00	peak			
5	2938.900	46.33	-5.63	40.70	74.00	-33.30	peak			
6	2940.000	41.33	-5.63	35.70	54.00	-18.30	AVG			


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Job No.: Bob #5814

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Tablet PC

Mode: Transfer data

Model: P073A

Manufacturer: Xinwei

Polarization: Horizontal

Power Source: AC 120V/60Hz

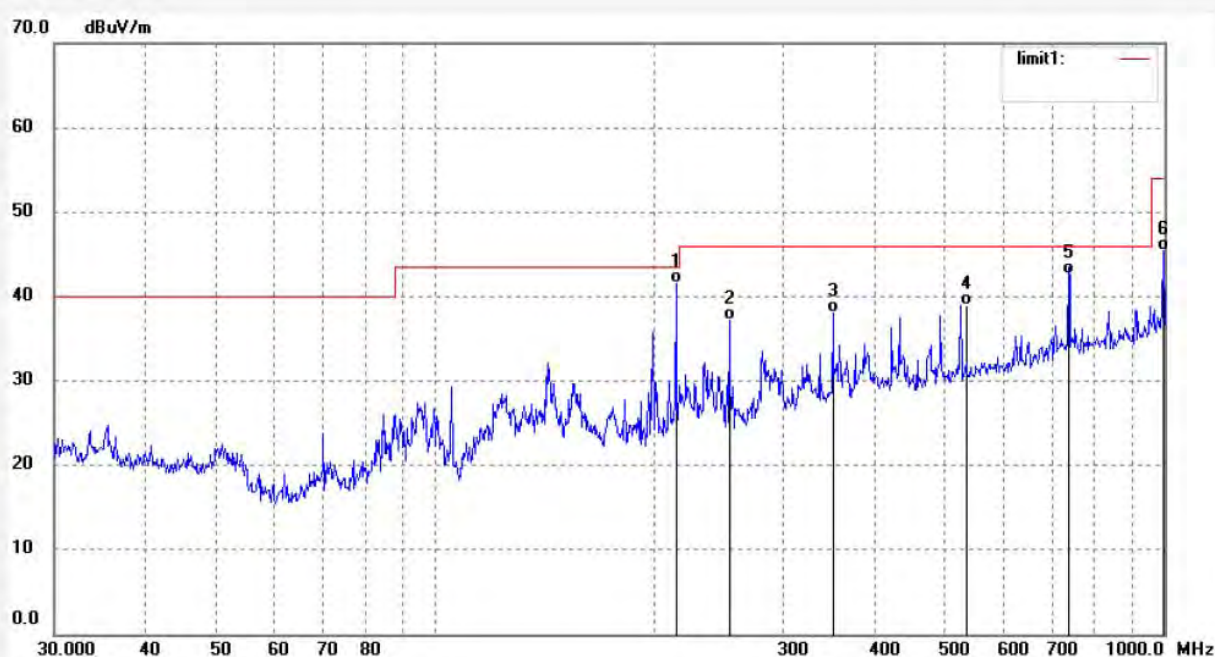
Date: 2012/08/22

Time: 20:17:12

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20121980



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	25.13	16.47	41.60	43.50	-1.90	QP			
2	253.1000	19.50	17.74	37.24	46.00	-8.76	QP			
3	350.9721	17.24	20.85	38.09	46.00	-7.91	QP			
4	533.3000	14.52	24.47	38.99	46.00	-7.01	QP			
5	740.3000	15.05	27.51	42.56	46.00	-3.44	QP			
6	995.5000	15.49	29.88	45.37	54.00	-8.63	QP			



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Job No.: Bob #5813

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Tablet PC

Mode: Transfer data

Model: P073A

Manufacturer: Xinwei

Polarization: Vertical

Power Source: AC 120V/60Hz

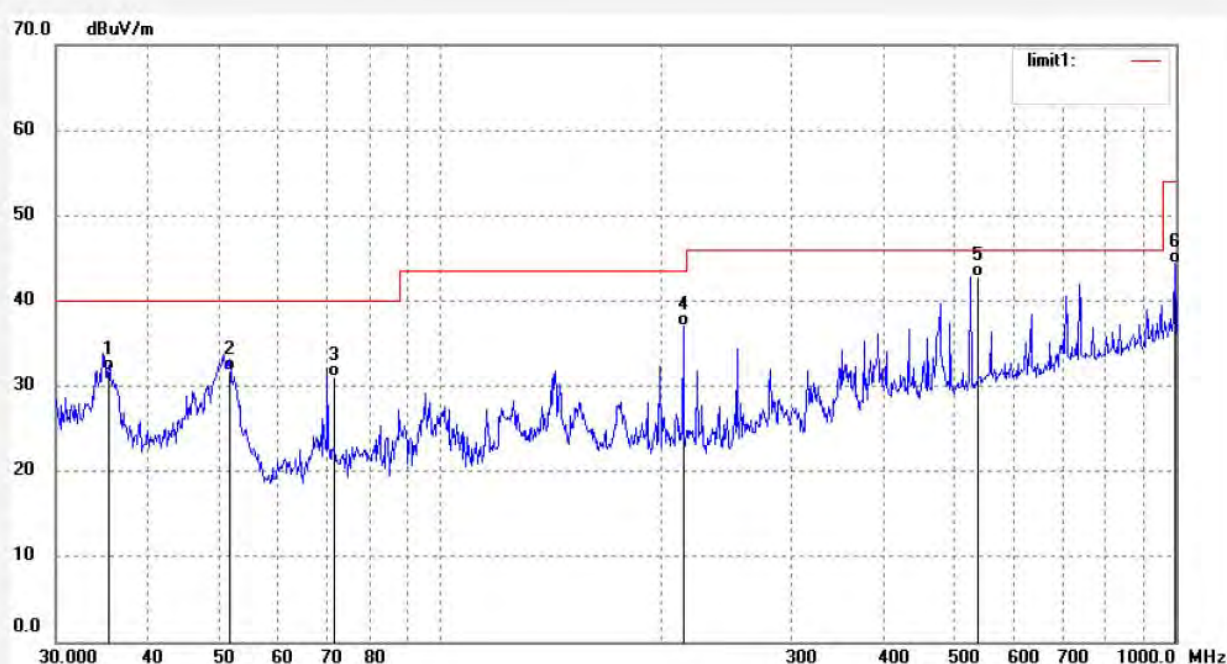
Date: 2012/08/22

Time: 20:14:01

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20121980



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.2000	15.12	16.67	31.79	40.00	-8.21	QP			
2	51.8172	17.81	13.95	31.76	40.00	-8.24	QP			
3	71.1096	18.16	12.97	31.13	40.00	-8.87	QP			
4	213.3535	20.50	16.48	36.98	43.50	-6.52	QP			
5	533.3202	18.34	24.47	42.81	46.00	-3.19	QP			
6	995.5000	14.54	29.88	44.42	54.00	-9.58	QP			



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Job No.: Bob #5816

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Tablet PC

Mode: Transfer data

Model: P073A

Manufacturer: Xinwei

Polarization: Horizontal

Power Source: AC 120V/60Hz

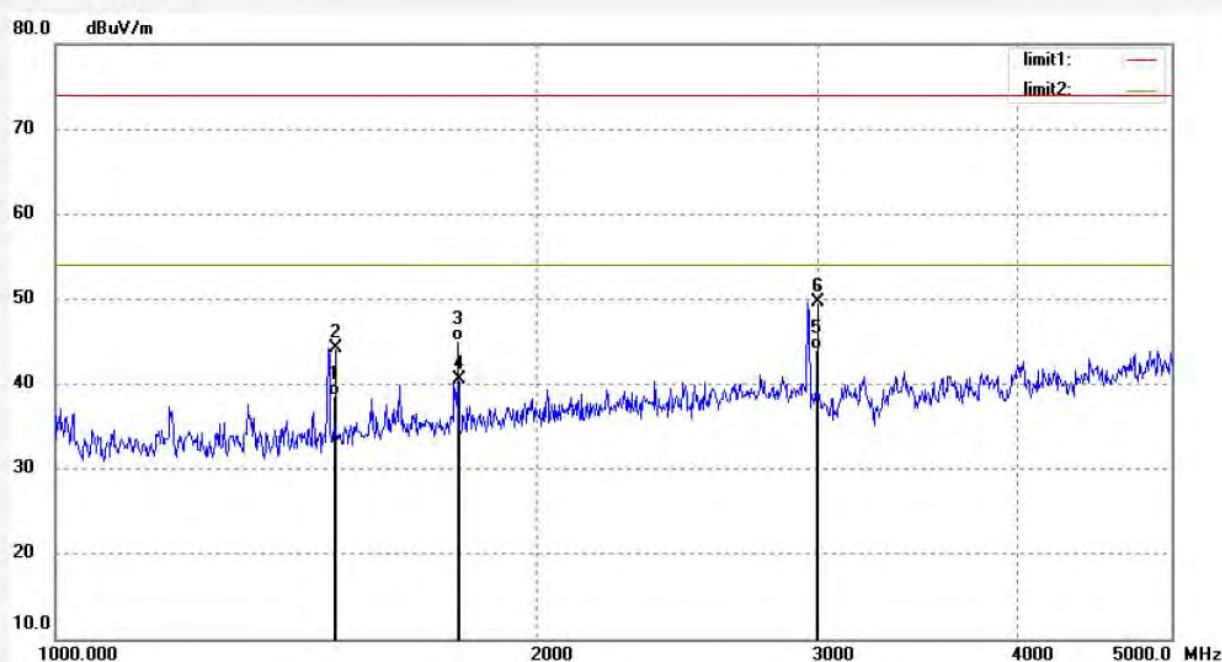
Date: 2012/08/22

Time: 20:29:28

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20121980



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1498.000	50.14	-11.50	38.64	54.00	-15.36	AVG			
2	1498.010	55.73	-11.50	44.23	74.00	-29.77	peak			
3	1790.925	55.24	-10.12	45.12	54.00	-8.88	AVG			
4	1791.000	50.60	-10.12	40.48	74.00	-33.52	peak			
5	2999.800	49.24	-5.20	44.04	54.00	-9.96	AVG			
6	2999.990	54.82	-5.20	49.62	74.00	-24.38	peak			


ACCURATE TECHNOLOGY CO., LTD.

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Bob #5815

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Tablet PC

Mode: Transfer data

Model: P073A

Manufacturer: Xinwei

Polarization: Vertical

Power Source: AC 120V/60Hz

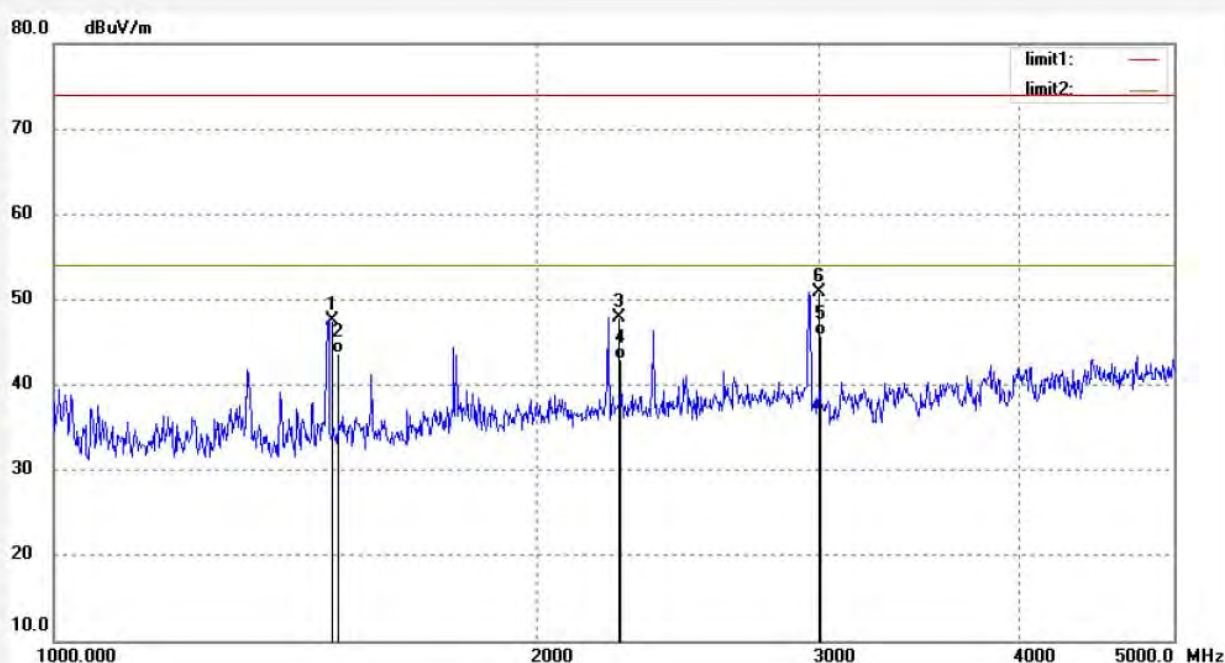
Date: 2012/08/22

Time: 20:23:52

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20121980



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1490.000	59.13	-11.52	47.61	74.00	-26.39	peak			
2	1498.900	55.11	-11.50	43.61	54.00	-10.39	AVG			
3	2247.900	56.12	-8.16	47.96	74.00	-26.04	peak			
4	2248.000	51.12	-8.16	42.96	54.00	-11.04	AVG			
5	2999.900	51.00	-5.20	45.80	54.00	-8.20	AVG			
6	3000.100	56.00	-5.20	50.80	74.00	-23.20	peak			



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Bob #5819

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: Tablet PC

Mode: Camera

Model: P073A

Manufacturer: Xinwei

Polarization: Horizontal

Power Source: AC 120V/60Hz

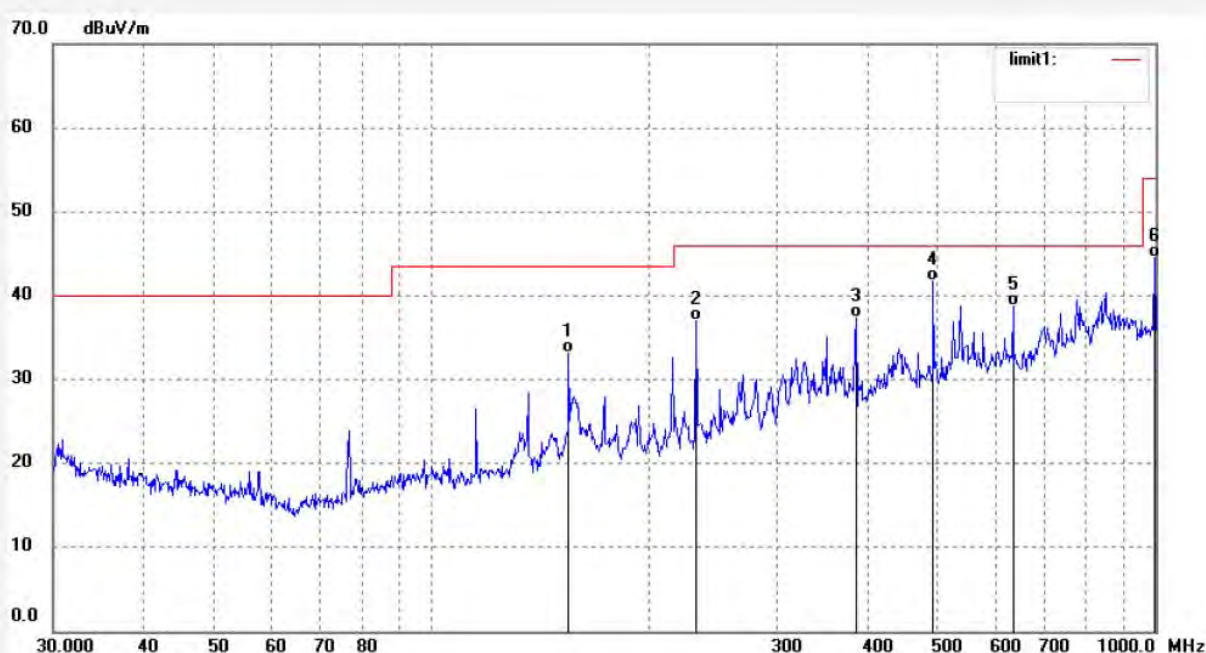
Date: 2012/08/22

Time: 13:38:39

Engineer Signature: Bob

Distance: 3m

Note: Report No.:ATE20121980



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	154.7857	18.68	14.56	33.24	43.50	-10.26	QP			
2	231.8531	20.16	16.83	36.99	46.00	-9.01	QP			
3	385.8980	15.61	21.74	37.35	46.00	-8.65	QP			
4	493.5009	17.78	23.95	41.73	46.00	-4.27	QP			
5	635.5575	12.62	26.07	38.69	46.00	-7.31	QP			
6	995.6000	14.67	29.88	44.55	54.00	-9.45	QP			



ACCURATE TECHNOLOGY CO., LTD.

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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Bob #5820

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: Tablet PC

Mode: Camera

Model: P073A

Manufacturer: Xinwei

Polarization: Vertical

Power Source: AC 120V/60Hz

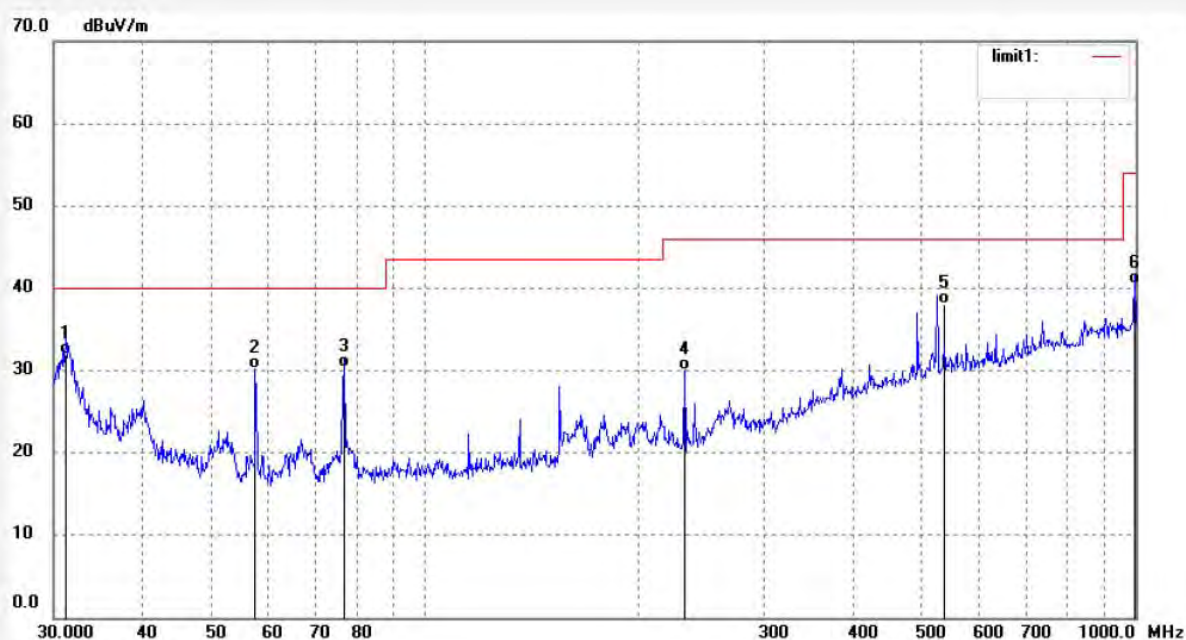
Date: 2012/08/22

Time: 13:42:54

Engineer Signature: Bob

Distance: 3m

Note: Report No.:ATE20121980



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	31.1822	14.36	17.54	31.90	40.00	-8.10	QP			
2	57.6691	17.42	12.74	30.16	40.00	-9.84	QP			
3	76.9256	16.95	13.44	30.39	40.00	-9.61	QP			
4	231.8531	13.40	16.55	29.95	46.00	-16.05	QP			
5	533.3000	13.60	24.47	38.07	46.00	-7.93	QP			
6	995.5000	10.64	29.88	40.52	54.00	-13.48	QP			


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Bob #5821

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: Tablet PC

Mode: Camera

Model: P073A

Manufacturer: Xinwei

Polarization: Horizontal

Power Source: AC 120V/60Hz

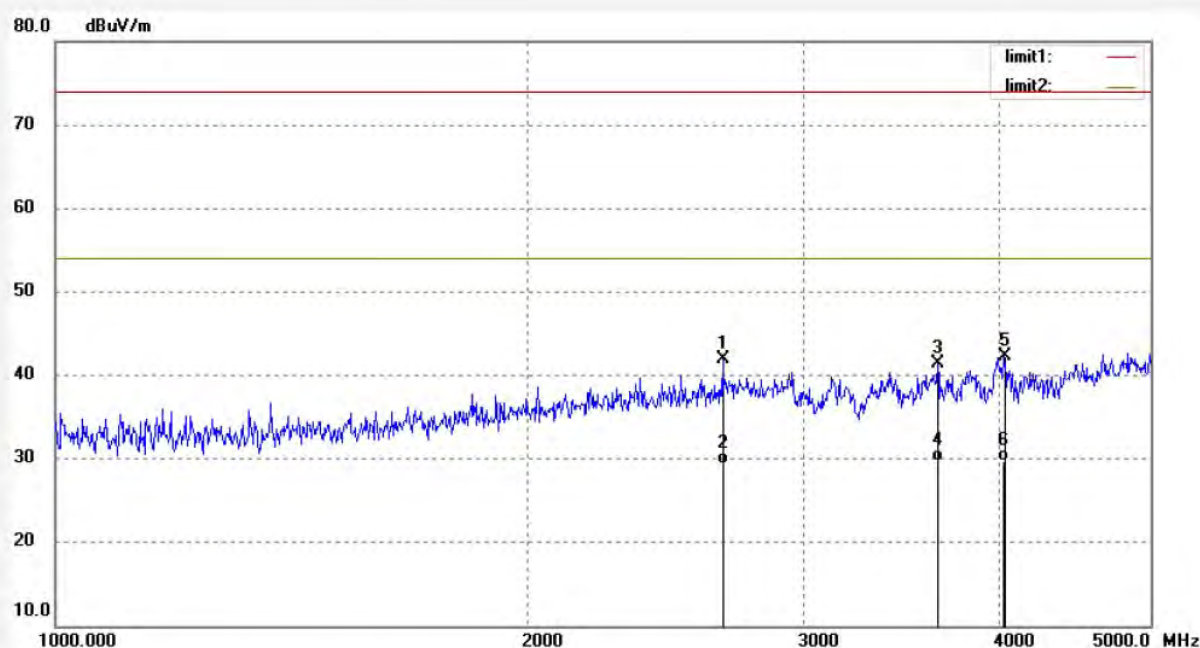
Date: 2012/08/22

Time: 13:45:44

Engineer Signature: Bob

Distance: 3m

Note: Report No.:ATE20121980



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2667.673	48.47	-6.55	41.92	74.00	-32.08	peak			
2	2667.673	35.84	-6.55	29.29	54.00	-24.71	AVG			
3	3658.091	43.99	-2.56	41.43	74.00	-32.57	peak			
4	3658.091	32.22	-2.56	29.66	54.00	-24.34	AVG			
5	4031.307	43.93	-1.57	42.36	74.00	-31.64	peak			
6	4031.307	31.17	-1.57	29.60	54.00	-24.40	AVG			


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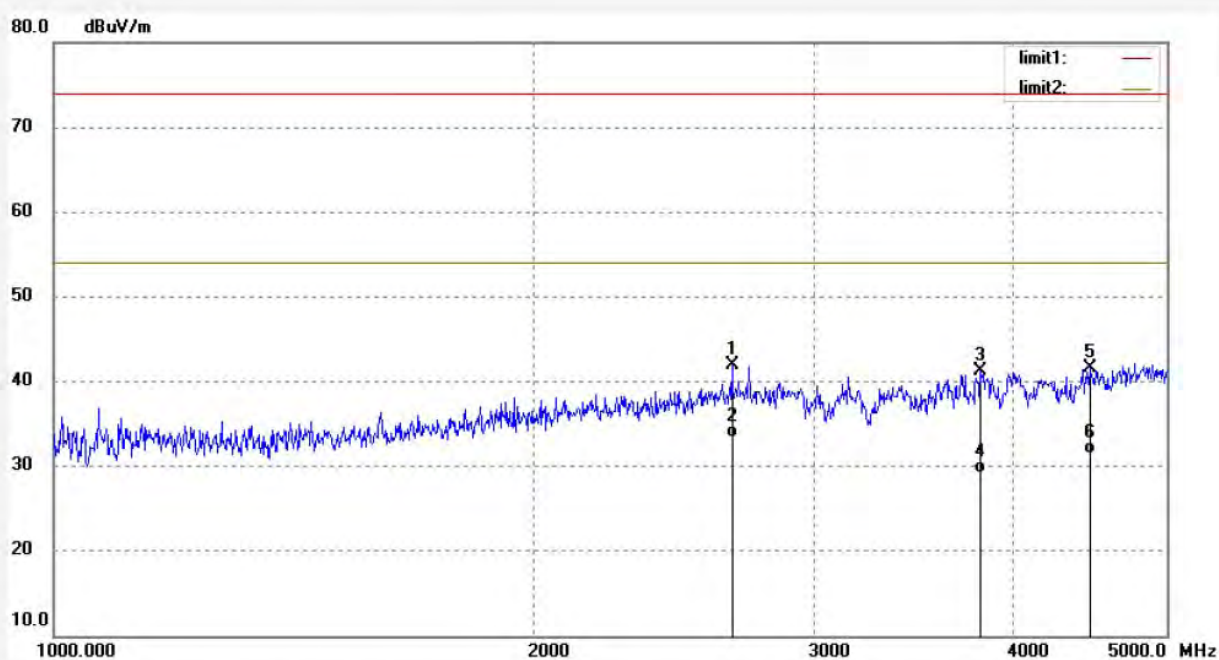
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Bob #5822
Standard: FCC PART 15B (PK)
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Tablet PC
Mode: Camera
Model: P073A
Manufacturer: Xinwei

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/08/22
Time: 13:49:04
Engineer Signature: Bob
Distance: 3m

Note: Report No.:ATE20121980



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2667.673	48.48	-6.55	41.93	74.00	-32.07	peak			
2	2667.673	39.88	-6.55	33.33	54.00	-20.67	AVG			
3	3821.559	43.38	-2.18	41.20	74.00	-32.80	peak			
4	3821.559	31.28	-2.18	29.10	54.00	-24.90	AVG			
5	4478.712	42.94	-1.39	41.55	74.00	-32.45	peak			
6	4478.712	32.91	-1.39	31.52	54.00	-22.48	AVG			