

APPLICATION CERTIFICATION FCC Part 15B
On Behalf of
HONG KONG NATURAL SOUND ELECTRONICS LIMITED

MID
Model No.: PC721, Trio-Stealth Pro 7C 4.0

FCC ID: PWK-PC721

Prepared for : HONG KONG NATURAL SOUND ELECTRONICS
LIMITED
Address : FLAT/RM M 4/F CONTINENTAL MANSION 300
KING'S ROAD HK
Prepared by : ACCURATE TECHNOLOGY CO. LTD
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Report Number : ATE20121900
Date of Test : Aug 16-Sep 7, 2012
Date of Report : Sep 7, 2012

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Test Report Certification

Applicant : HONG KONG NATURAL SOUND ELECTRONICS LIMITED
Manufacturer : ShenZhen Natural Sound Electronics Co., Ltd
EUT Description : MID
(A) MODEL NO.: PC721, Trio-Stealth Pro 7C 4.0
(B) SERIAL NO.: N/A
(C) POWER SUPPLY: DC 3.7V (Li-polymer battery) & AC 120V/60Hz
(Adapter input)

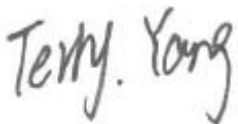
Measurement Procedure Used:


FCC Rules and Regulations Part 15 Subpart B ANSI C63.4: 2009

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 : Aug 16-Sep 7, 2012

Prepared by : 
(Terry. Yang, Engineer)

Approved & Authorized Signer : 
(Sean Liu, Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	:	MID
Model Number	:	PC721, Trio-Stealth Pro 7C 4.0 Note: These models are identical in interior structure, electrical circuits and components, and just model names are different for the marketing requirement. So we prepare PC721 for test only
Power Supply	:	DC 3.7V (Li-polymer battery) & AC 120V/60Hz (Adapter input) Model number: AHZ050200-A03 Input: 100-240VAC 0.5A 50/60Hz Output: 5V 2000mA
Highest operation frequency of the EUT:	:	1GHz
Applicant	:	HONG KONG NATURAL SOUND ELECTRONICS LIMITED
Address	:	FLAT/RM M 4/F CONTINENTAL MANSION 300 KING'S ROAD HK
Manufacturer	:	ShenZhen Natural Sound Electronics Co., Ltd
Address	:	4 th building, Xinyuan industrial zone, Gushu village, Bao`an district, Shenzhen, China
Date of sample received	:	Aug 16, 2012
Date of Test	:	Aug 14-Sep 7, 2012

1.2. Accessory and Auxiliary Equipment

Notebook PC : Manufacturer: Lenovo
M/N: 4290-RT8
S/N: R9-FW93G 11/08

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) Charging+Playing
2) Transfer data

3.2.Configuration and peripherals



(EUT: MID)

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

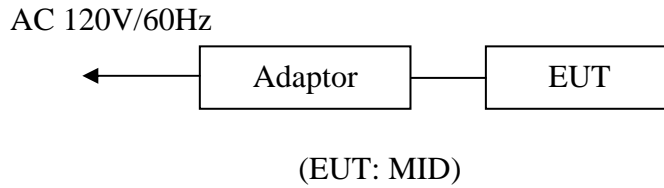
5. CONDUCTED EMISSION FOR FCC PART 15 SECTION

15.107(A)

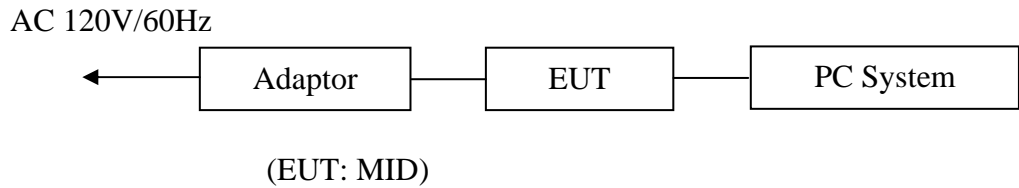
5.1. Block Diagram of Test Setup

5.1.1. Block diagram of connection between the EUT and simulators

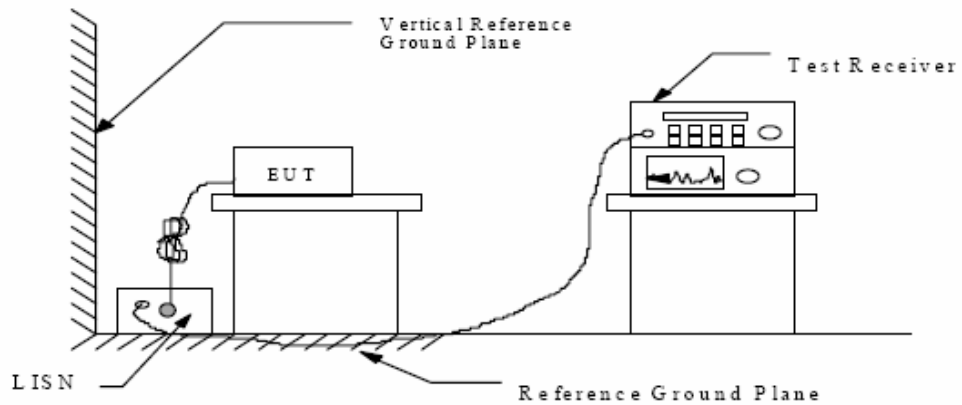
5.1.1.1. For Charging & Playing



5.1.1.2. For Transfer data



5.1.2. Shielding Room Test Setup Diagram



(EUT: MID)

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.MID (EUT)

Model Number : PC721
 Serial Number : N/A
 Manufacturer : ShenZhen Natural Sound Electronics Co., Ltd

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 (Charging &Playing, Transfer data) 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: 2009 on Conducted Emission Measurement.

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

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

5.6. Power Line Conducted Emission Measurement Results

PASS.

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

Date of Test:	<u>Aug 24, 2012</u>	Temperature:	<u>25°C</u>
EUT:	<u>MID</u>	Humidity:	<u>50%</u>
Model No.:	<u>PC721</u>	Power Supply:	<u>AC 120V/60Hz</u>
Test Mode:	<u>Charging&Playing</u>	Test Engineer:	<u>Tom</u>

MEASUREMENT RESULT: "N-0824-01_fin"

8/24/2012 8:58AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.504824	32.20	12.0	56	23.8	QP	L1	GND
0.886326	29.30	11.9	56	26.7	QP	L1	GND
5.740782	23.50	11.4	60	36.5	QP	L1	GND

MEASUREMENT RESULT: "N-0824-01_fin2"

8/24/2012 8:58AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.496827	22.10	12.0	46	24.0	AV	L1	GND
0.886326	17.60	11.9	46	28.4	AV	L1	GND
5.560340	14.00	11.4	50	36.0	AV	L1	GND

MEASUREMENT RESULT: "N-0824-02_fin"

8/24/2012 9:01AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.525384	29.60	12.0	56	26.4	QP	N	GND
0.941021	29.10	11.8	56	26.9	QP	N	GND
5.695130	26.00	11.4	60	34.0	QP	N	GND

MEASUREMENT RESULT: "N-0824-02_fin2"

8/24/2012 9:01AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.371231	24.10	11.8	49	24.4	AV	N	GND
0.882795	22.40	11.9	46	23.6	AV	N	GND
5.428740	19.90	11.4	50	30.1	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:	<u>August 24, 2012</u>	Temperature:	<u>25°C</u>
EUT:	<u>MID</u>	Humidity:	<u>50%</u>
Model No.:	<u>PC721</u>	Power Supply:	<u>AC 120V/60Hz</u>
Test Mode:	<u>Transfer data</u>	Test Engineer:	<u>TOM</u>

MEASUREMENT RESULT: "N-0824-03_fin"

8/24/2012 9:16AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.317709	58.00	11.6	60	2.0	QP	N	GND
0.915089	44.20	11.9	56	11.8	QP	N	GND
5.364113	39.50	11.4	60	20.5	QP	N	GND

MEASUREMENT RESULT: "N-0824-03_fin2"

8/24/2012 9:16AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.320256	48.60	11.6	50	1.4	AV	N	GND
1.337106	34.00	11.8	46	12.0	AV	N	GND
5.154195	29.30	11.4	50	20.7	AV	N	GND

MEASUREMENT RESULT: "N-0824-04_fin"

8/24/2012 9:19AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.324114	55.70	11.6	60	3.9	QP	L1	GND
0.915089	40.80	11.9	56	15.2	QP	L1	GND
5.364113	35.60	11.4	60	24.4	QP	L1	GND

MEASUREMENT RESULT: "N-0824-04_fin2"

8/24/2012 9:19AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.310189	37.70	11.6	50	12.3	AV	L1	GND
4.464236	26.00	11.5	46	20.0	AV	L1	GND
5.582581	25.60	11.4	50	24.4	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

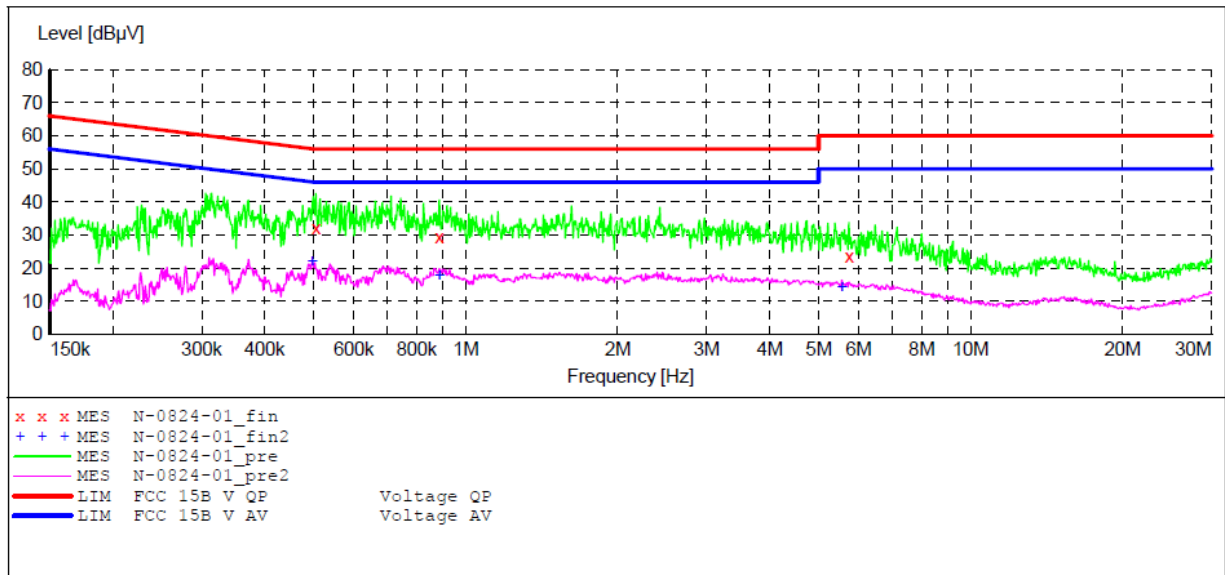
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: MID M/N:PC721
 Manufacturer: Natural
 Operating Condition: Playing+Charging
 Test Site: 1#Shielding Room
 Operator: TOM
 Test Specification: L 120V/60Hz
 Comment: Report No.:ATE20121900
 Start of Test: 8/24/2012 / 8:56:02AM

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: "N-0824-01_fin"

8/24/2012 8:58AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.504824	32.20	12.0	56	23.8	QP	L1	GND
0.886326	29.30	11.9	56	26.7	QP	L1	GND
5.740782	23.50	11.4	60	36.5	QP	L1	GND

MEASUREMENT RESULT: "N-0824-01_fin2"

8/24/2012 8:58AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.496827	22.10	12.0	46	24.0	AV	L1	GND
0.886326	17.60	11.9	46	28.4	AV	L1	GND
5.560340	14.00	11.4	50	36.0	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

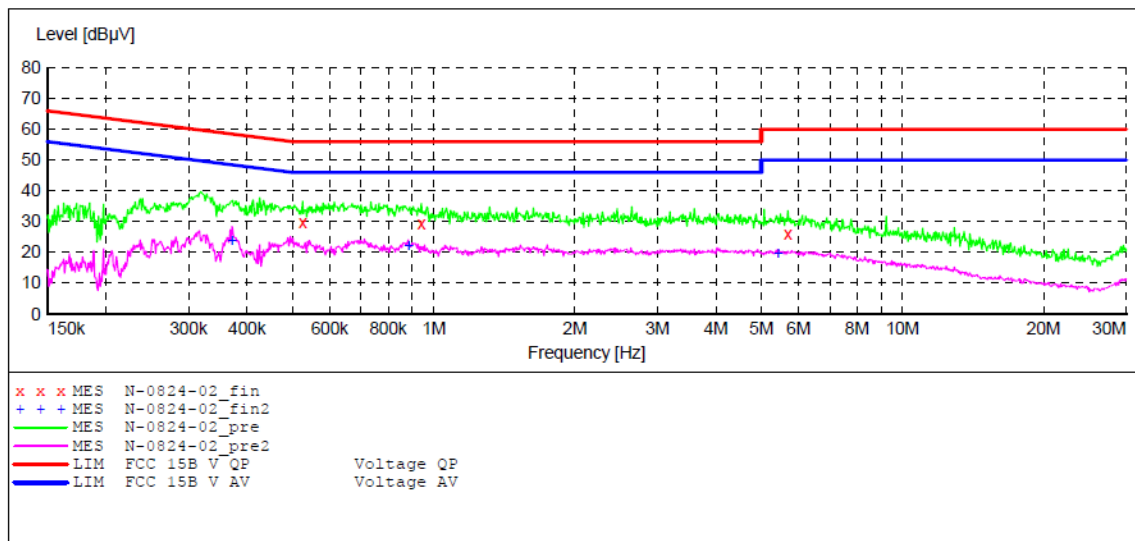
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: MID M/N:PC721
 Manufacturer: Natural
 Operating Condition: Playing+Charging
 Test Site: 1#Shielding Room
 Operator: TOM
 Test Specification: N 120V/60Hz
 Comment: Report No.:ATE20121900
 Start of Test: 8/24/2012 / 8:59:35AM

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

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

Short Description: SUB STD VTERM2 1.70
 Average



MEASUREMENT RESULT: "N-0824-02_fin"

8/24/2012 9:01AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.525384	29.60	12.0	56	26.4	QP	N	GND
0.941021	29.10	11.8	56	26.9	QP	N	GND
5.695130	26.00	11.4	60	34.0	QP	N	GND

MEASUREMENT RESULT: "N-0824-02_fin2"

8/24/2012 9:01AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.371231	24.10	11.8	49	24.4	AV	N	GND
0.882795	22.40	11.9	46	23.6	AV	N	GND
5.428740	19.90	11.4	50	30.1	AV	N	GND

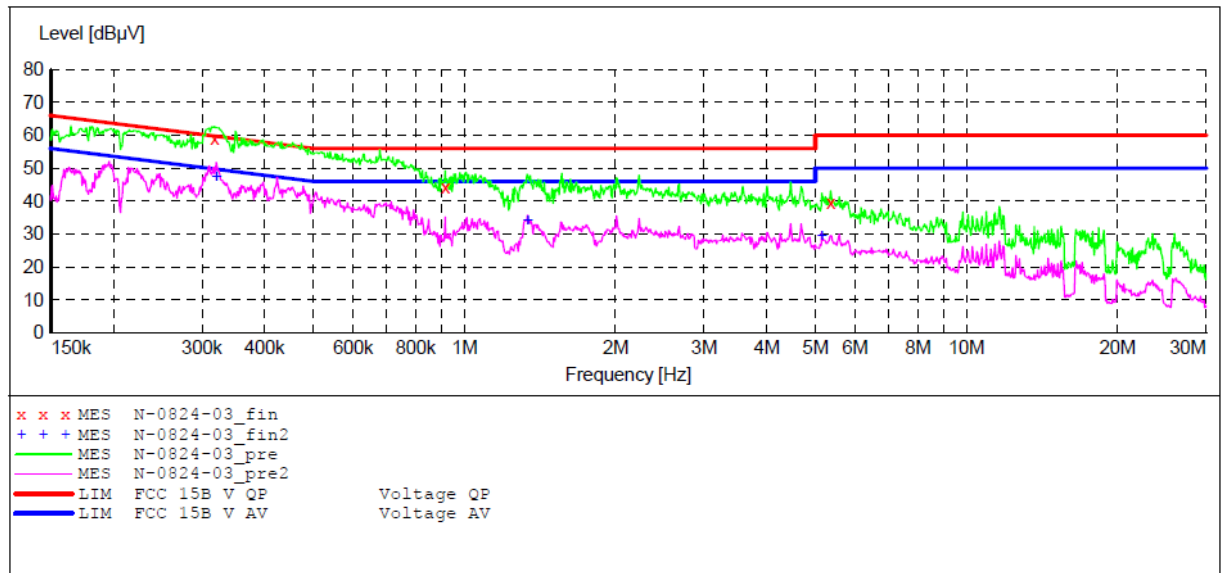
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: MID M/N:PC721
 Manufacturer: Natural
 Operating Condition: TRANSFER DATA
 Test Site: 1#Shielding Room
 Operator: TOM
 Test Specification: N 120V/60Hz
 Comment: Report No.:ATE20121900
 Start of Test: 8/24/2012 / 9:13:40AM

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: "N-0824-03_fin"

8/24/2012 9:16AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.317709	58.00	11.6	60	2.0	QP	N	GND
0.915089	44.20	11.9	56	11.8	QP	N	GND
5.364113	39.50	11.4	60	20.5	QP	N	GND

MEASUREMENT RESULT: "N-0824-03_fin2"

8/24/2012 9:16AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.320256	48.60	11.6	50	1.4	AV	N	GND
1.337106	34.00	11.8	46	12.0	AV	N	GND
5.154195	29.30	11.4	50	20.7	AV	N	GND

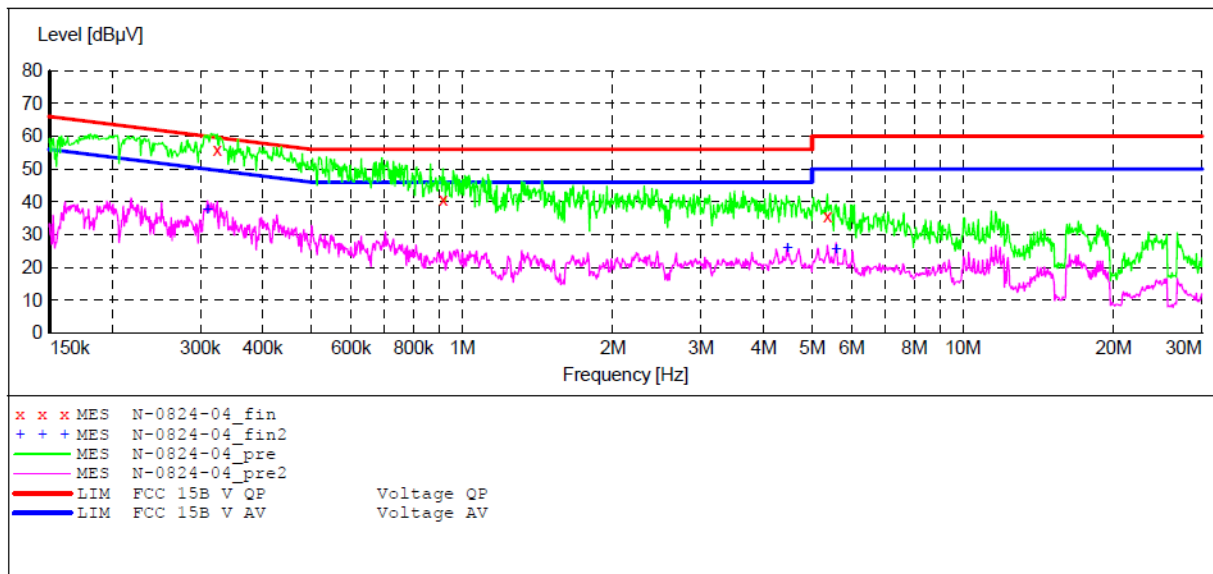
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: MID M/N:PC721
 Manufacturer: Natural
 Operating Condition: TRANSFER DATA
 Test Site: 1#Shielding Room
 Operator: TOM
 Test Specification: L 120V/60Hz
 Comment: Report No.:ATE20121900
 Start of Test: 8/24/2012 / 9:17:27AM

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: "N-0824-04_fin"

8/24/2012 9:19AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.324114	55.70	11.6	60	3.9	QP	L1	GND
0.915089	40.80	11.9	56	15.2	QP	L1	GND
5.364113	35.60	11.4	60	24.4	QP	L1	GND

MEASUREMENT RESULT: "N-0824-04_fin2"

8/24/2012 9:19AM

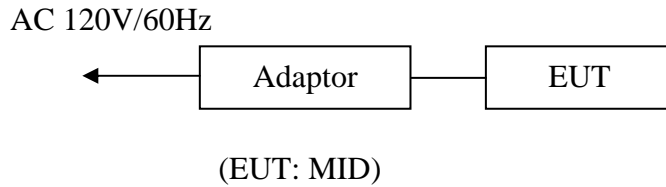
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.310189	37.70	11.6	50	12.3	AV	L1	GND
4.464236	26.00	11.5	46	20.0	AV	L1	GND
5.582581	25.60	11.4	50	24.4	AV	L1	GND

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

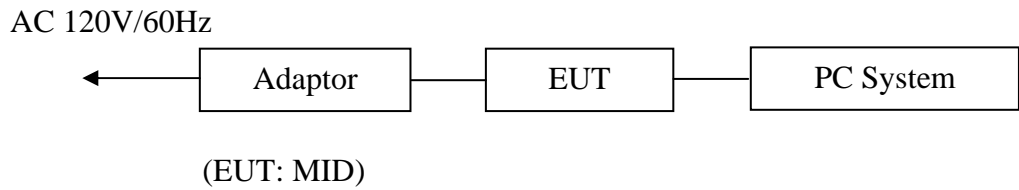
6.1. Block Diagram of Test Setup

6.1.1. Block diagram of connection between the EUT and simulators

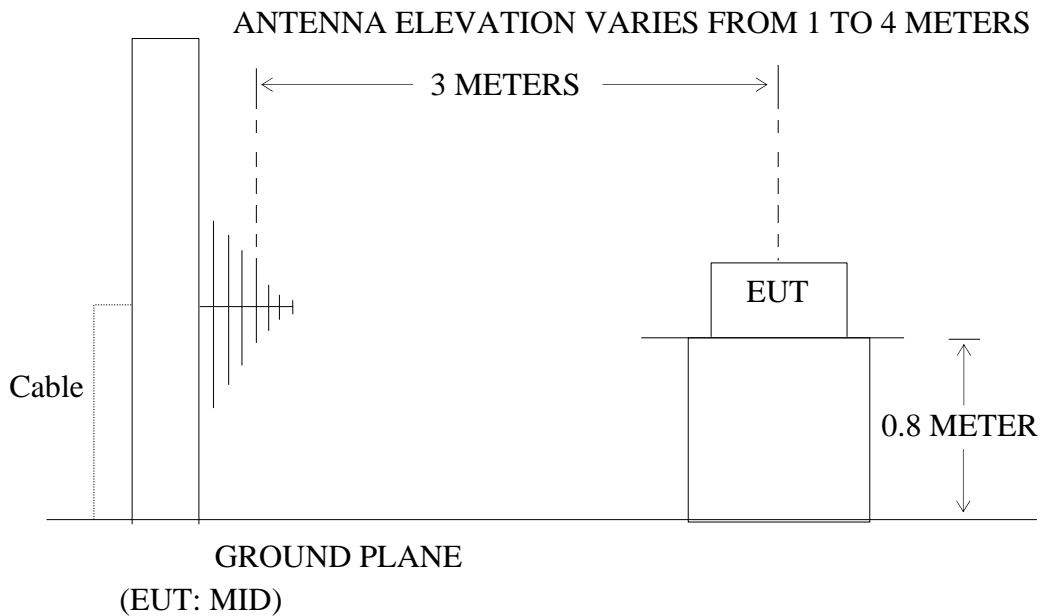
6.1.1.1. For Charging & Playing



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 (dB μ V/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.MID (EUT)

Model Number : PC721
 Serial Number : N/A
 Manufacturer : ShenZhen Natural Sound Electronics Co., Ltd

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 (Charging& Playing, Transfer data) 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: 2009 on radiated emission measurement.

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

The frequency range from 30MHz to 13000MHz is checked.

6.6.The Emission Measurement Result

PASS.

Date of Test:	<u>Sep 5, 2012</u>	Temperature:	<u>25°C</u>
EUT:	<u>MID</u>	Humidity:	<u>50%</u>
Model No.:	<u>PC721</u>	Power Supply:	<u>AC 120V/60Hz</u>
Test Mode:	<u>Charging&Playing</u>	Test Engineer:	<u>Tom</u>

Frequency: 30-1000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	114.8224	26.37	13.69	40.06	43.50	-3.44	QP
	2	176.8952	27.42	13.00	40.42	43.50	-3.08	QP
	3	312.5482	22.45	19.13	41.58	46.00	-4.42	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	76.6556	25.10	11.63	36.73	40.00	-3.27	QP
	2	114.8224	27.37	13.69	41.06	43.50	-2.44	QP
	3	154.2427	29.48	11.56	41.04	43.50	-2.46	QP
Frequency: 1000-13000MHz								
Polarization								
Horizontal		-----						
Vertical		-----						

Date of Test:	<u>Sep 7, 2012</u>	Temperature:	<u>25°C</u>
EUT:	<u>MID</u>	Humidity:	<u>50%</u>
Model No.:	<u>PC721</u>	Power Supply:	<u>AC 120V/60Hz</u>
Test Mode:	<u>Transfer data</u>	Test Engineer:	<u>Bob</u>

Frequency: 30-1000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	582.1122	17.17	25.44	42.61	46.00	-3.39	QP
	2	804.2522	12.28	27.91	40.19	46.00	-5.81	QP
	3	955.3509	12.27	29.63	41.90	46.00	-4.10	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	478.1394	19.45	23.81	43.26	46.00	-2.74	QP
	2	512.9477	19.65	24.09	43.74	46.00	-2.26	QP
	3	582.1122	18.14	25.44	43.58	46.00	-2.42	QP
Frequency: 1000-13000MHz								
Polarization								
Horizontal		-----						
Vertical		-----						

- 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.



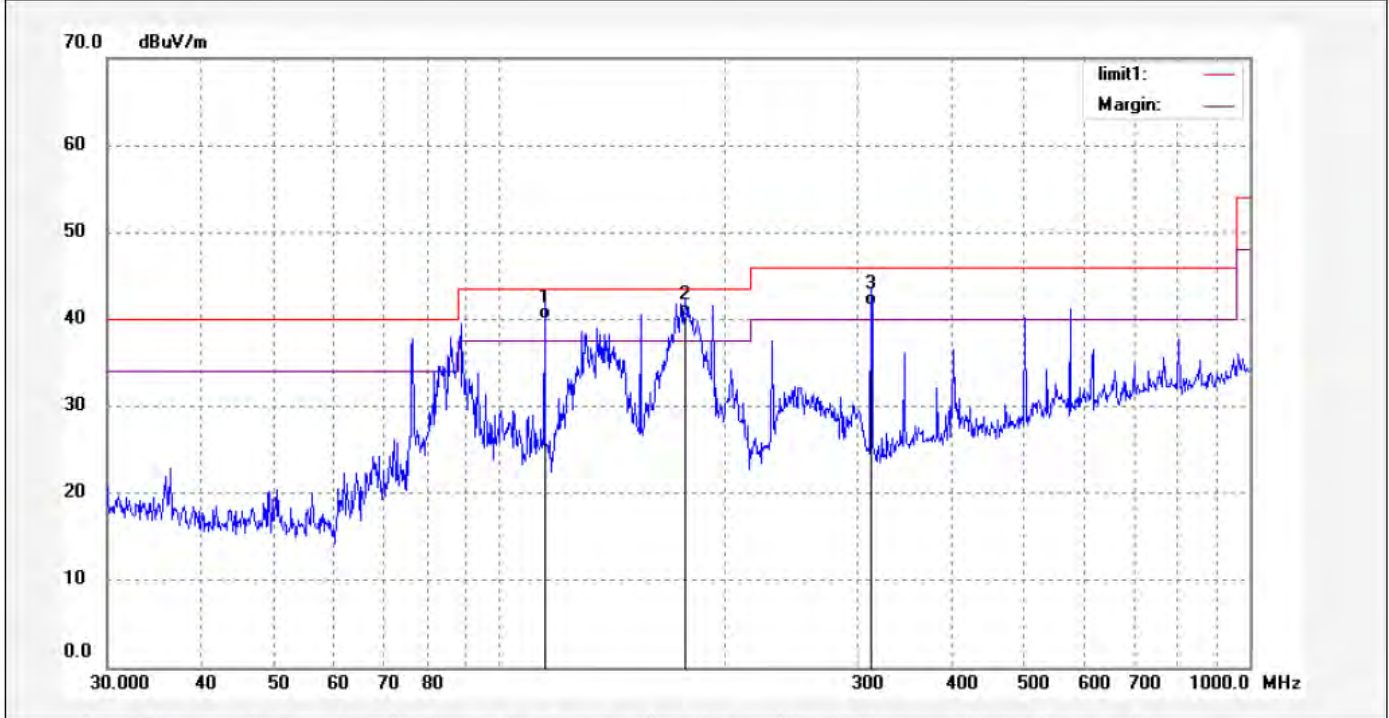
ACCURATE TECHNOLOGY CO., LTD.

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.: TOM #468	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/09/05
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 23:33:57
EUT: MID	Engineer Signature: Tom
Mode: Playing+Charging	Distance: 3m
Model: PC721	
Manufacturer: Natural	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	114.8224	26.37	13.69	40.06	43.50	-3.44	QP			
2	176.8952	27.42	13.00	40.42	43.50	-3.08	QP			
3	312.5482	22.45	19.13	41.58	46.00	-4.42	QP			



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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.: TOM #469
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Playing+Charging
Model: PC721
Manufacturer: Natural

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/09/05
Time: 23:34:57
Engineer Signature: Tom
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	76.6556	25.10	11.63	36.73	40.00	-3.27	QP			
2	114.8224	27.37	13.69	41.06	43.50	-2.44	QP			
3	154.2427	29.48	11.56	41.04	43.50	-2.46	QP			



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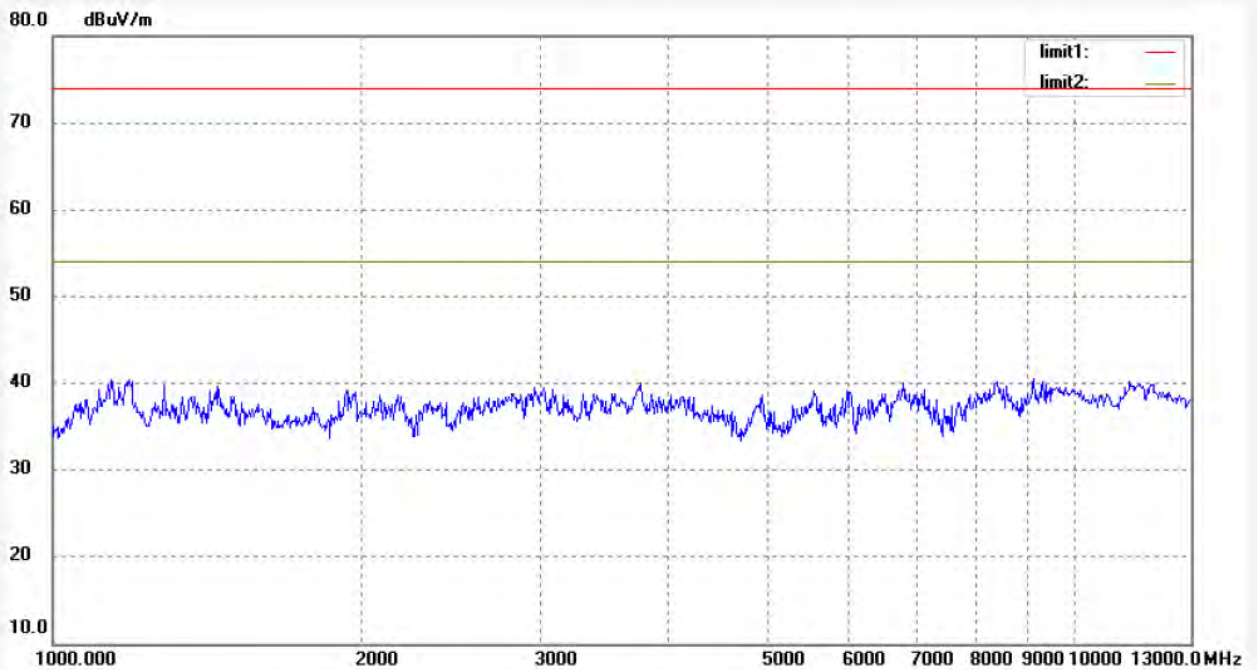
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: Bob #3395
Standard: FCC PART 15B (PK)
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Playing+Charging
Model: PC721
Manufacturer: Natural Sound

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/09/07
Time: 14:51:53
Engineer Signature: Tom
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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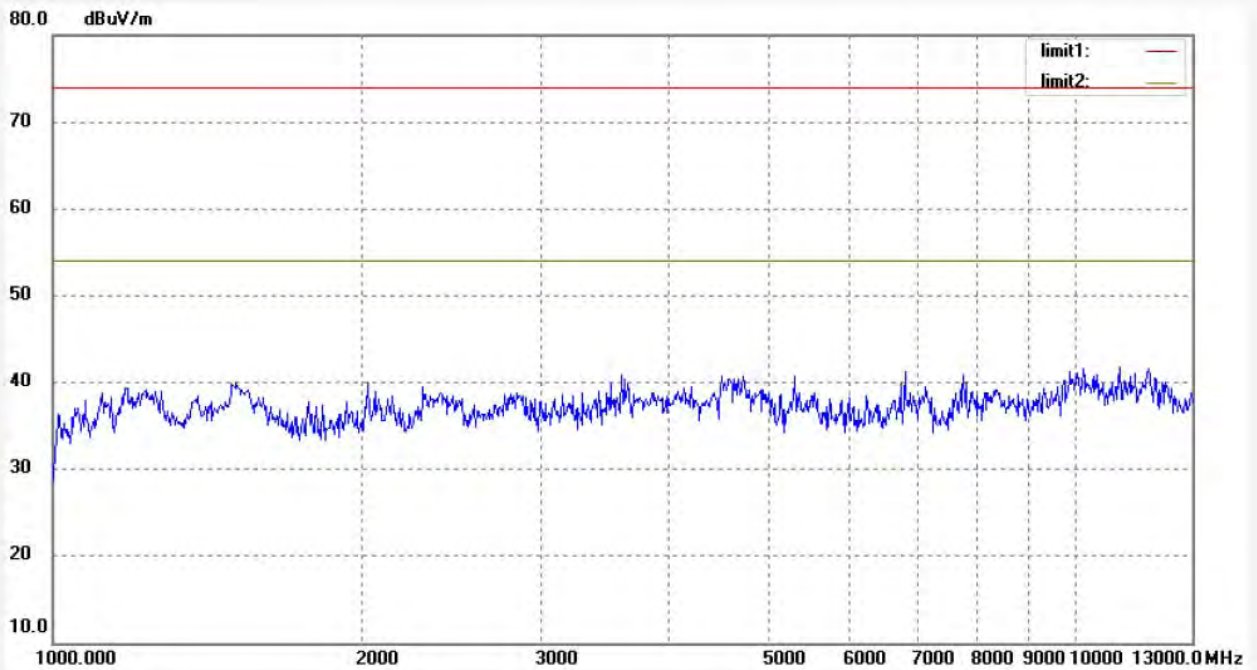
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: Bob #3396
Standard: FCC PART 15B (PK)
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Playing+Charging
Model: PC721
Manufacturer: Natural Sound

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/09/07
Time: 14:53:07
Engineer Signature: Tom
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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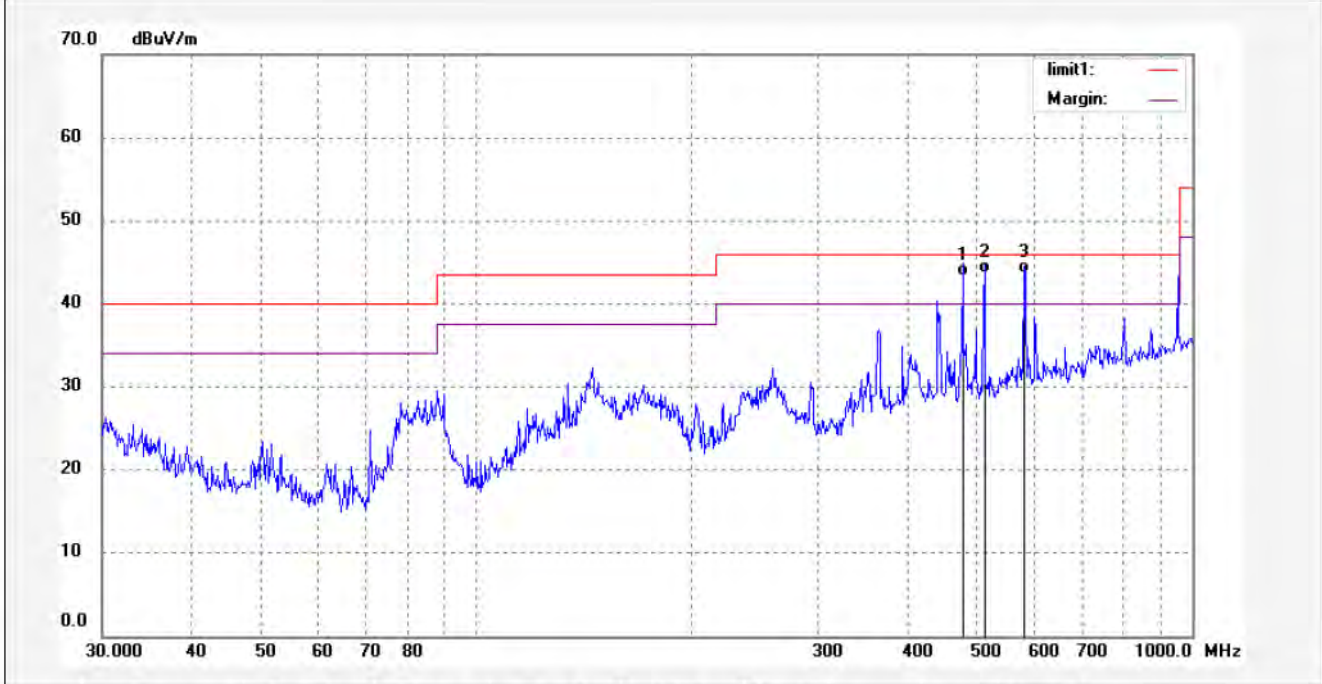
ACCURATE TECHNOLOGY CO., LTD.

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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.: TOM #466	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/09/05
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 23:28:49
EUT: MID	Engineer Signature: Tom
Mode: TRANSFER DATA	Distance: 3m
Model: PC721	
Manufacturer: Natural	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	478.1394	19.45	23.81	43.26	46.00	-2.74	QP			
2	512.9477	19.65	24.09	43.74	46.00	-2.26	QP			
3	582.1122	18.14	25.44	43.58	46.00	-2.42	QP			



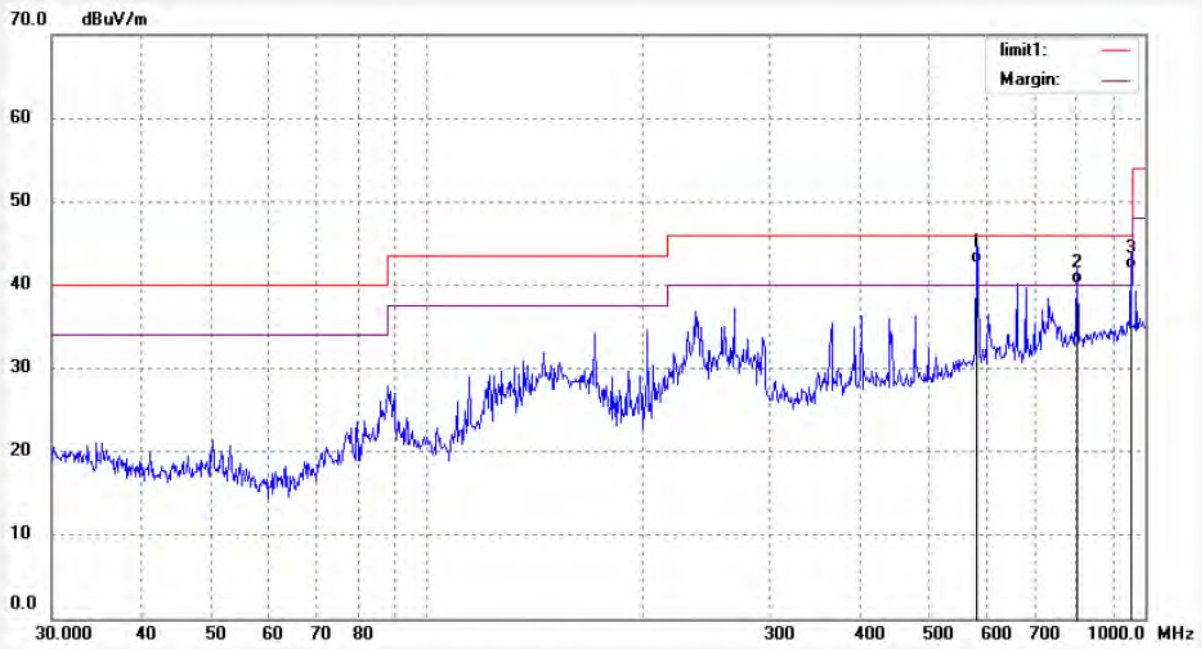
ACCURATE TECHNOLOGY CO., LTD.

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.: TOM #467	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/09/05
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 23:29:53
EUT: MID	Engineer Signature: Tom
Mode: TRANSFER DATA	Distance: 3m
Model: PC721	
Manufacturer: Natural	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	582.1122	17.17	25.44	42.61	46.00	-3.39	QP			
2	804.2522	12.28	27.91	40.19	46.00	-5.81	QP			
3	955.3509	12.27	29.63	41.90	46.00	-4.10	QP			



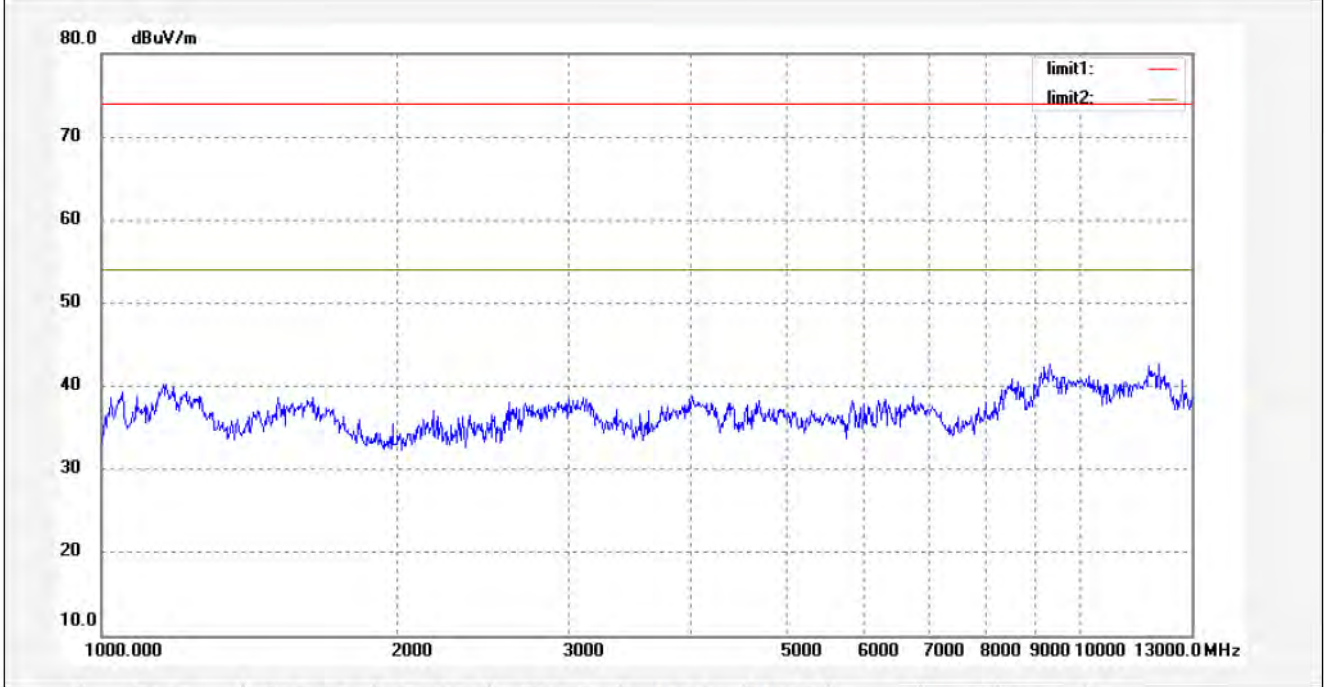
ACCURATE TECHNOLOGY CO., LTD.

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 #3393	Polarization: Vertical
Standard: FCC PART 15B (PK)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/09/07
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:46:24
EUT: MID	Engineer Signature: Tom
Mode: TRANSFER DATA	Distance: 3m
Model: PC721	
Manufacturer: Natural Sound	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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