

<b>Prüfbericht-Nr.:</b> <i>Test Report No.:</i>	<b>17040153 002</b>	<b>Auftrags-Nr.:</b> <i>Order No.:</i>	<b>164013996</b>	Seite 1 von 36 Page 1 of 36	
<b>Kunden-Referenz-Nr.:</b> <i>Client Reference No.:</i>	<b>N/A</b>	<b>Auftragsdatum:</b> <i>Order date:</i>	<b>07.05.2014</b>		
<b>Auftraggeber:</b> <i>Client:</i>	<b>KEEN HIGH TECHNOLOGIES LTD., Block A1 &amp; A2, Ze Da Li Industrial Park, Tangwei Area, Fuyong, Bao'an, Shenzhen, Guangdong, China</b>				
<b>Prüfgegenstand:</b> <i>Test item:</i>	<b>Tablet</b>				
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type No.:</i>	<b>NS-15AT08</b>	<b>T8240RK-88T</b>			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	<b>FCC Certification</b>		<b>IC Verification</b>		
<b>Prüfgrundlage:</b> <i>Test specification:</i>	<b>CFR47 FCC Part 15: Subpart B Section 15.107 CFR47 FCC Part 15: Subpart B Section 15.109 ICES-003 Issue 5 February 2012</b>				
<b>Wareneingangsdatum:</b> <i>Date of receipt:</i>	<b>07.05.2014</b>				
<b>Prüfmuster-Nr.:</b> <i>Test sample No.:</i>	<b>A000070974 001</b>				
<b>Prüfzeitraum:</b> <i>Testing period:</i>	<b>10.05.2014 - 14.05.2014</b>				
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	<b>Accurate Technology Co., Ltd.</b>				
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	<b>TÜV Rheinland (Shenzhen) Co., Ltd.</b>				
<b>Prüfergebnis*:</b> <i>Test result*:</i>	<b>Pass</b>				
<b>geprüft von / tested by:</b>		<b>kontrolliert von / reviewed by:</b>			
					
<b>06-06-2014</b>	<b>Tom Wang / Assistant Project Manager</b>	<b>06-06-2014</b>	<b>Sam Lin / Technical Certifier</b>		
<b>Datum</b>	<b>Name / Stellung</b>	<b>Unterschrift</b>	<b>Datum</b>	<b>Name / Stellung</b>	<b>Unterschrift</b>
<i>Date</i>	<i>Name / Position</i>	<i>Signature</i>	<i>Date</i>	<i>Name / Position</i>	<i>Signature</i>
<b>Sonstiges / Other:</b>		<b>This test report is for evaluation on the "Digital Device" function of the test item.</b>			
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>		<b>Prüfmuster vollständig und unbeschädigt</b> <i>Test item complete and undamaged</i>			
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet					
Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested					
<b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b> <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>					

VD4

## TEST SUMMARY

### 5.1.1 CONDUCTED EMISSIONS

*RESULT: Pass*

### 5.2.1 RADIATED EMISSION

*RESULT: Pass*

## CONTENTS

<b>1.</b>	<b>GENERAL REMARKS</b> .....	<b>4</b>
<b>1.1</b>	<b>COMPLEMENTARY MATERIALS</b> .....	<b>4</b>
<b>2.</b>	<b>TEST SITES</b> .....	<b>4</b>
<b>2.1</b>	<b>TEST FACILITIES</b> .....	<b>4</b>
<b>2.2</b>	<b>LIST OF TEST AND MEASUREMENT INSTRUMENTS</b> .....	<b>5</b>
<b>2.3</b>	<b>TRACEABILITY</b> .....	<b>6</b>
<b>2.4</b>	<b>CALIBRATION</b> .....	<b>6</b>
<b>2.5</b>	<b>MEASUREMENT UNCERTAINTY</b> .....	<b>6</b>
<b>2.6</b>	<b>LOCATION OF ORIGINAL DATA</b> .....	<b>6</b>
<b>2.7</b>	<b>STATUS OF FACILITY USED FOR TESTING</b> .....	<b>6</b>
<b>2.8</b>	<b>TEST SETUP DIAGRAM</b> .....	<b>7</b>
<b>3.</b>	<b>GENERAL PRODUCT INFORMATION</b> .....	<b>8</b>
<b>3.1</b>	<b>PRODUCT FUNCTION AND INTENDED USE</b> .....	<b>8</b>
<b>3.2</b>	<b>RATINGS AND SYSTEM DETAILS</b> .....	<b>8</b>
<b>3.3</b>	<b>INDEPENDENT OPERATION MODES</b> .....	<b>8</b>
<b>3.4</b>	<b>NOISE GENERATING AND NOISE SUPPRESSING PARTS</b> .....	<b>8</b>
<b>3.5</b>	<b>SUBMITTED DOCUMENTS</b> .....	<b>8</b>
<b>4.</b>	<b>TEST SET-UP AND OPERATION MODES</b> .....	<b>9</b>
<b>4.1</b>	<b>PRINCIPLE OF CONFIGURATION SELECTION</b> .....	<b>9</b>
<b>4.2</b>	<b>TEST OPERATION AND TEST SOFTWARE</b> .....	<b>9</b>
<b>4.3</b>	<b>SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT</b> .....	<b>9</b>
<b>4.4</b>	<b>COUNTERMEASURES TO ACHIEVE ERM COMPLIANCE</b> .....	<b>9</b>
<b>5.</b>	<b>TEST RESULTS OF EMISSION</b> .....	<b>10</b>
<b>5.1</b>	<b>EMISSION IN THE FREQUENCY RANGE UP TO 30 MHz</b> .....	<b>10</b>
5.1.1	<i>Conducted emissions</i> .....	<i>10</i>
<b>5.2</b>	<b>EMISSION IN THE FREQUENCY RANGE ABOVE 30 MHz</b> .....	<b>15</b>
5.2.1	<i>Radiated Emission</i> .....	<i>15</i>
<b>6.</b>	<b>PHOTOGRAPHS OF THE TEST SET-UP</b> .....	<b>34</b>
<b>7.</b>	<b>LIST OF TABLES</b> .....	<b>36</b>
<b>8.</b>	<b>LIST OF PHOTOGRAPHS</b> .....	<b>36</b>

## 1. General Remarks

### 1.1 Complementary Materials

None.

## 2. Test Sites

### 2.1 Test Facilities

Accurate Technology Co., Ltd.

**(FCC Registration No.: 752051)**

**(Test site Industry Canada No.: 5077A-2)**

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

The tests at the test site have been conducted under the supervision of a TÜV engineer.

## 2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
<b>Transmitter spurious emissions</b>				
Spectrum Analyzer	Agilent	E7405A	MY45115511	2015-01-11
Test Receiver	Rohde & Schwarz	ESCS30	100307	2015-01-11
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2015-01-11
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2015-01-11
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2015-01-11
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2015-01-11
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2015-01-11
RF Coaxial Cable	SUHNER	N-3m	No.8	2015-01-11
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2015-01-11
RF Coaxial Cable	SUHNER	N-6m	No.10	2015-01-11
RF Coaxial Cable	RESENBERGER	N-12m	No.11	2015-01-11
RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	2015-01-11
Pre-Amplifier	Rohde & Schwarz	CBLU118354 0-01	3791	2015-01-11
<b>Conducted Emission</b>				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2015-01-11
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2015-01-11
L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100310	2015-01-11
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2015-01-11
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2015-01-11
RF Coaxial Cable	SUHNER	N-2m	No.3	2015-01-11

## 2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

## 2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

## 2.5 Measurement Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO/IEC 17025 are:

**Table 2: Measurement Uncertainty**

Items		Extended Uncertainty
Conducted Emission (0.15-30MHz)	Disturbance Voltage (dBuV)	$U=\pm 2.23\text{dB}$ , $k=2$ , $\sigma=95\%$
Radiated Emission (30-1000MHz)	Field strength (dBuV/m)	$U=\pm 4.42\text{dB}$ , $k=2$ , $\sigma=95\%$
Radiated Emission (1-25GHz)	Field strength (dBuV/m)	$U=\pm 4.06\text{dB}$ , $k=2$ , $\sigma=95\%$

## 2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

## 2.7 Status of Facility Used for Testing

Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

## 2.8 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

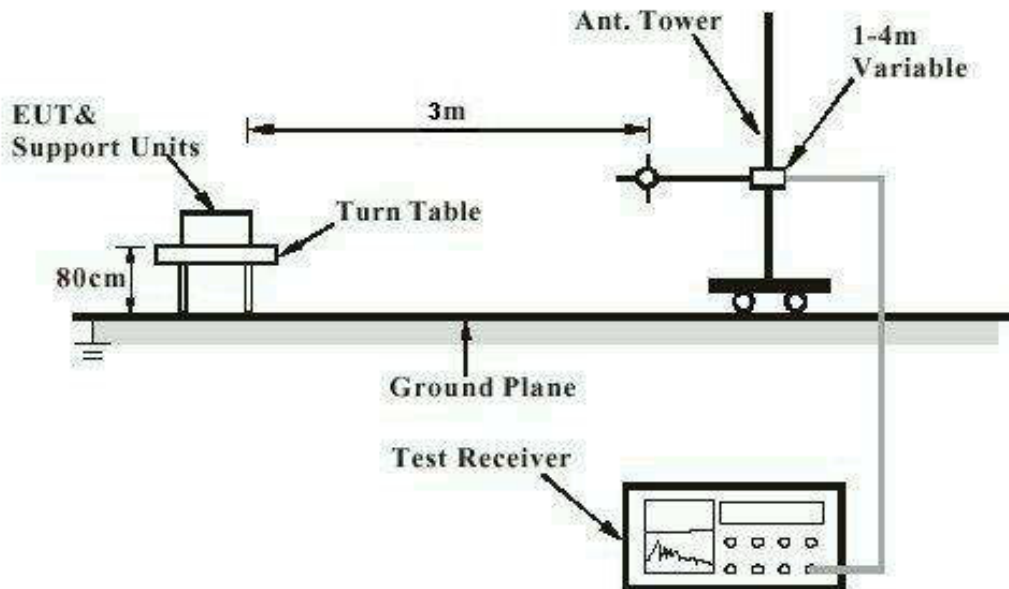
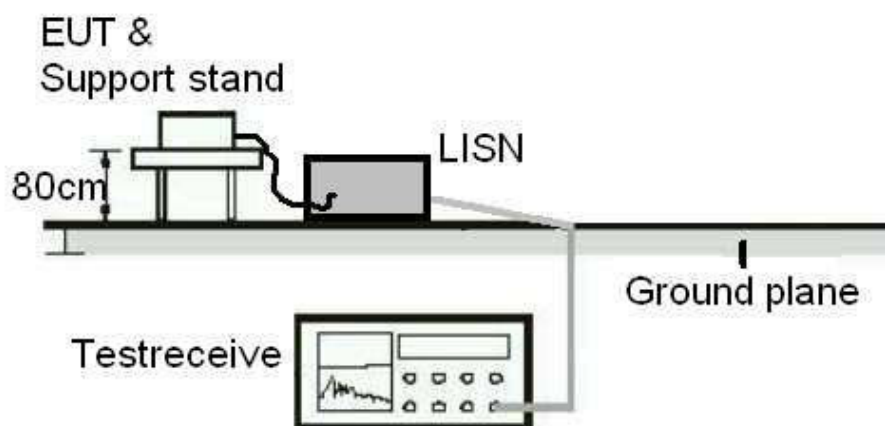


Diagram of Measurement Equipment Configuration for Conduction Measurement



## 3. General Product Information

### 3.1 Product Function and Intended Use

The EUT is 8" tablet with Wi-Fi & Bluetooth function.  
For details refer to the User Manual and Circuit Diagram.

### 3.2 Ratings and System Details

**Table 3: Technical Specification of EUT**

Technical Specification	Value
Kind of Equipment	Tablet
Type Designation	NS-15AT08 T8240RK-88T
FCC ID	XUZNS-15AT08
IC	10558A-NS15AT08
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)

### 3.3 Independent Operation Modes

The basic operation modes are:

- A. On
  - 1. Playing video mode
  - 2. Recording video mode
- B. Standby
- C. Off

### 3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

### 3.5 Submitted Documents

- Bill of Material
- Constructional Drawing
- PCB Layout
- Photo Document
- Circuit Diagram
- Instruction Manual
- Rating Label



## 4. Test Set-up and Operation Modes

### 4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

### 4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2003.

### 4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	S/N	Rating
AC/DC Adapter	Ktec	KSAPK0110500200FU	N/A	Input: AC 100-240V, 50/60Hz, 0.5A Output: DC 5V, 2A

The EUT was tested with following cables:

Interface(s)/Port(s):	Max. cable length, shielding	Cable classification
AC Mains of adapter	2 cores, non-shielded port, 3m	AC Power Input
Micro USB port	4 cores, non-shielded port, 3m	DC Power Input
Earphone port	2 cores, non-shielded port, 3m	Audio Output
Microphone	2 cores, non-shielded port, 3m	Audio Input

### 4.4 Countermeasures to Achieve ERM Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF). No additional measures were employed to achieve compliance.

## 5. Test Results of EMISSION

### 5.1 Emission in the Frequency Range up to 30 MHz

#### 5.1.1 Conducted emissions

**RESULT:****Pass**

Date of testing	:	2014-05-10
Test standard	:	FCC Part 15.107 (a) ICES-003 Issue 5 February 2012
Basic standard	:	ANSI C63.4: 2003
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.107(a) ICES-003 Issue 5 February 2012
Kind of test site	:	Shield room

**Test setup**

Input Voltage	:	AC 120V, 60Hz
Operation Mode	:	A, B
Earthing	:	Not Connected
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

For details refer to following test plot.(only the worst case is shown)

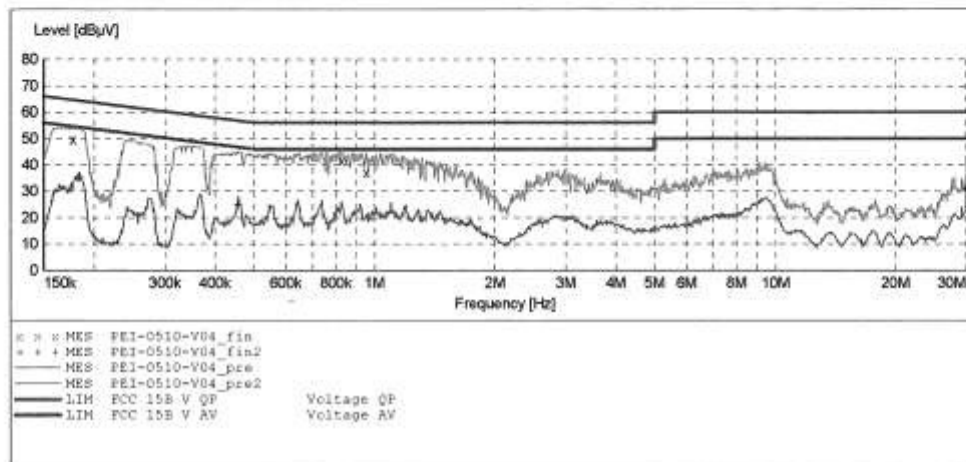
**ACCURATE TECHNOLOGY CO.,LTD**

**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Tablet M/N:NS-15AT08  
 Manufacturer: Keen High  
 Operating Condition: Playing video  
 Test Site: 1#Shielding Room  
 Operator: PEI  
 Test Specification: N 120V/60Hz  
 Comment: Mains port  
 Start of Test: 5/10/2014 / 8:36:30AM

**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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
 Average



**MEASUREMENT RESULT: "PEI-0510-V04\_fin"**

5/10/2014 8:46AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.177381	49.60	10.5	65	15.0	QP	N	GND
0.824872	41.60	10.8	56	14.4	QP	N	GND
0.952358	37.00	10.8	56	19.0	QP	N	GND

**MEASUREMENT RESULT: "PEI-0510-V04\_fin2"**

5/10/2014 8:46AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.183870	35.00	10.5	54	19.3	AV	N	GND
0.456875	24.80	10.7	47	21.9	AV	N	GND
30.000000	30.90	11.5	50	19.1	AV	N	GND

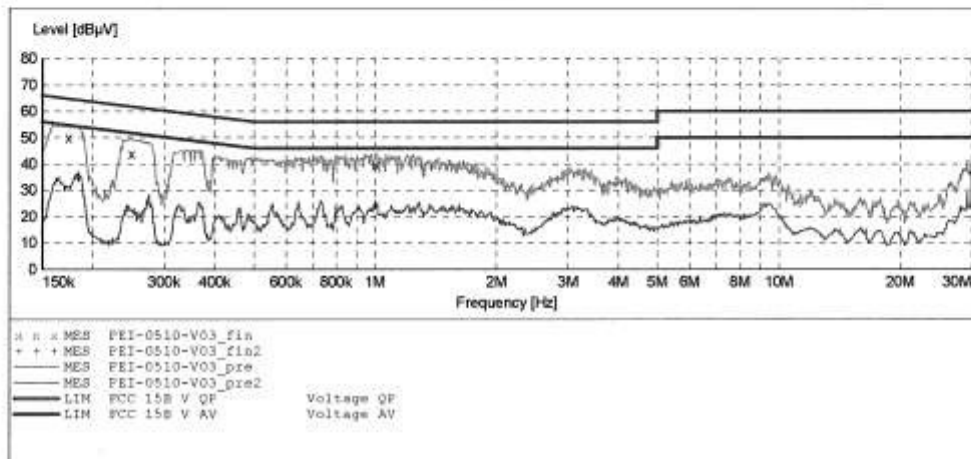
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Tablet M/N:NS-15AT08  
 Manufacturer: Keen High  
 Operating Condition: Recording video  
 Test Site: 1#Shielding Room  
 Operator: PEI  
 Test Specification: L 120V/60Hz  
 Comment: Mains port  
 Start of Test: 5/10/2014 / 8:26:33AM

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

Short Description: \_SUB\_STD\_VTERM2 1.70  
 Start Stop Step Detector Meas. IF Transducer  
 Frequency Width Frequency Width Time Bandw.  
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
 Average



**MEASUREMENT RESULT: "PEI-0510-V03\_fin"**

5/10/2014 8:35AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.174571	49.90	10.5	65	14.8	QP	L1	GND
0.250038	43.90	10.6	62	17.9	QP	L1	GND
1.007099	39.40	10.8	56	16.6	QP	L1	GND

**MEASUREMENT RESULT: "PEI-0510-V03\_fin2"**

5/10/2014 8:35AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.184605	34.70	10.5	54	19.6	AV	L1	GND
1.003087	24.10	10.8	46	21.9	AV	L1	GND
30.000000	36.30	11.5	50	13.7	AV	L1	GND

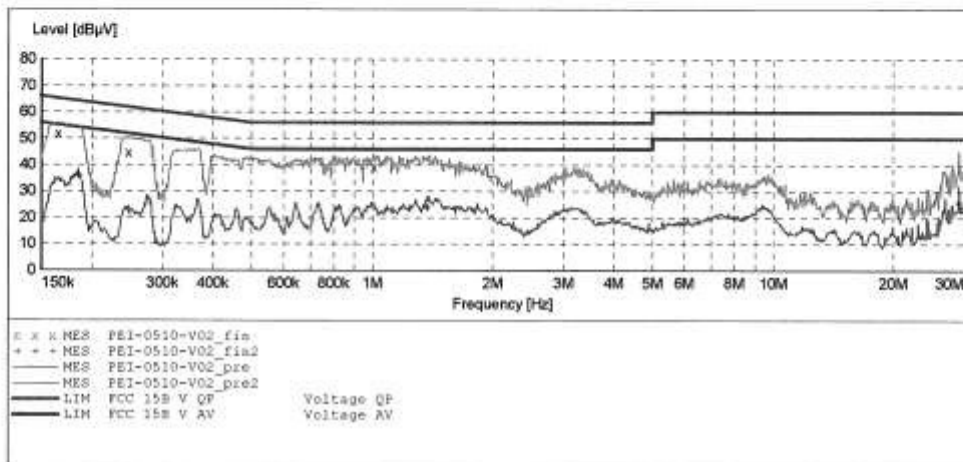
*ACCURATE TECHNOLOGY CO., LTD*

*CONDUCTED EMISSION STANDARD FCC PART 15 B*

EUT: Tablet M/N:NS-15AT08  
 Manufacturer: Keen High  
 Operating Condition: Playing video  
 Test Site: 1#Shielding Room  
 Operator: PEI  
 Test Specification: L 120V/60Hz  
 Comment: Mains port  
 Start of Test: 5/10/2014 / 8:17:22AM

**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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
 Average



**MEASUREMENT RESULT: "PEI-0510-V02\_fin"**

5/10/2014 8:25AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.165082	51.80	10.5	65	13.4	QP	L1	GND
0.247062	44.70	10.6	62	17.2	QP	L1	GND
1.007099	39.10	10.8	56	16.9	QP	L1	GND

**MEASUREMENT RESULT: "PEI-0510-V02\_fin2"**

5/10/2014 8:25AM

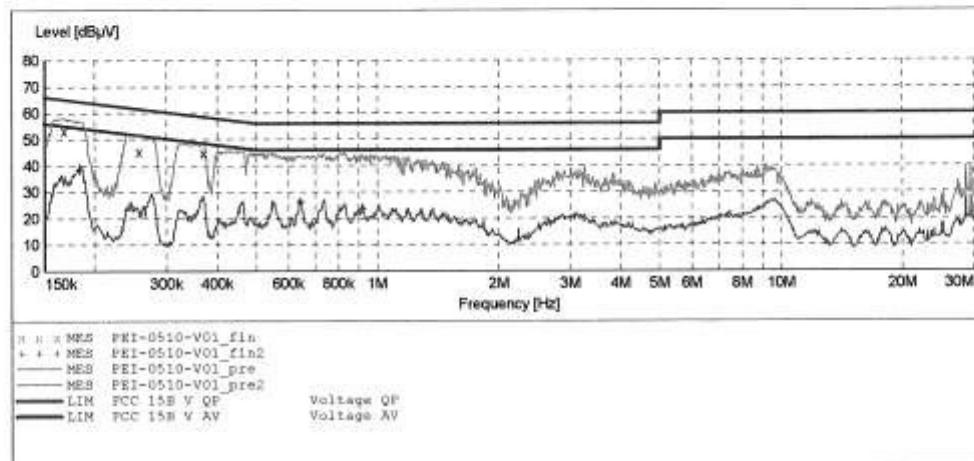
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.184605	35.90	10.5	54	18.4	AV	L1	GND
1.369519	23.80	10.9	46	22.2	AV	L1	GND
29.146886	32.80	11.5	50	17.2	AV	L1	GND

**ACCURATE TECHNOLOGY CO., LTD**
**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Tablet M/N:NS-15AT08  
 Manufacturer: Keen High  
 Operating Condition: Playing video  
 Test Site: 1#Shielding Room  
 Operator: PEI  
 Test Specification: N 120V/60Hz  
 Comment: Mains port  
 Start of Test: 5/10/2014 / 8:07:52AM

**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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
 Average


**MEASUREMENT RESULT: "PEI-0510-V01\_fin"**

5/10/2014 8:16AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.167739	53.20	10.5	65	11.9	QP	N	GND
0.257124	45.30	10.6	62	16.2	QP	N	GND
0.369752	44.80	10.7	59	13.7	QP	N	GND

**MEASUREMENT RESULT: "PEI-0510-V01\_fin2"**

5/10/2014 8:16AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.183870	38.00	10.5	54	16.3	AV	N	GND
0.644016	26.10	10.8	46	19.9	AV	N	GND
0.918749	23.20	10.8	46	22.8	AV	N	GND

**Prüfbericht - Nr.: 17040153 002**  
Test Report No.Seite 15 von 36  
Page 15 of 36

## 5.2 Emission in the Frequency Range above 30 MHz

### 5.2.1 Radiated Emission

**RESULT:****Pass**

Date of testing : 2013-06-30  
Test standard : FCC Part 15.109 (a)  
ICES-003 Issue 5 February 2012  
Test procedure : ANSI C63.4: 2003  
Frequency range : 30 - 25000MHz  
Equipment Classification : Class B  
Limits : FCC Part 15.109(a)  
ICES-003 Issue 5 February 2012  
Kind of test site : 3m Semi-Anechoic Chamber

**Test setup**

Input Voltage : AC 120V, 60Hz  
Operation mode : A, B  
Earthing : Not connected  
Ambient temperature : 25°C  
Relative humidity : 52%  
Atmospheric pressure : 101kPa

For details refer to following test plot.(only the worst case is shown)


**ACCURATE TECHNOLOGY CO., LTD.**

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

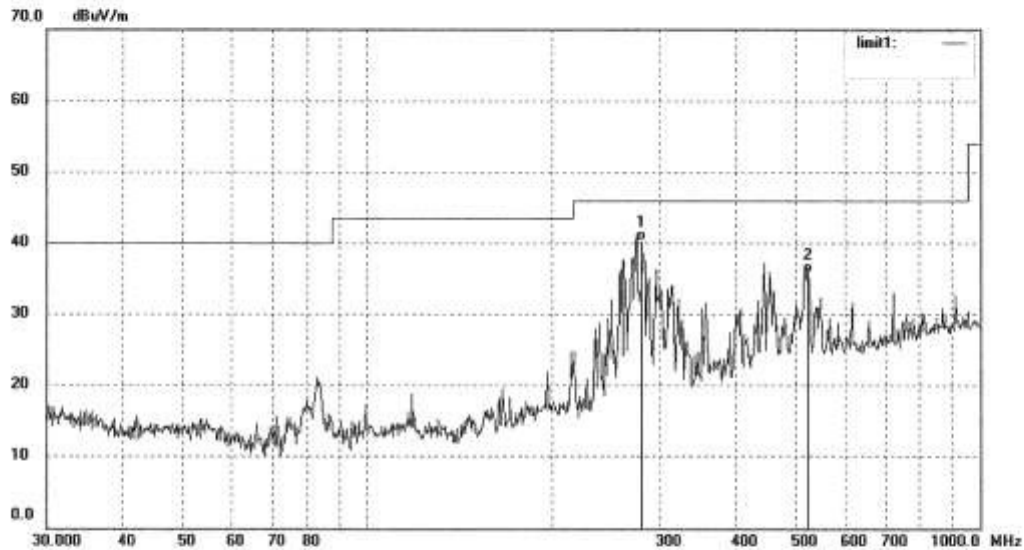
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1430	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/11/
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: Recording video	Distance:
Model: NS-15AT08	
Manufacturer: Keen High	

Note: Front Camera



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	278.2620	50.19	-9.89	40.30	46.00	-5.70	QP			
2	523.5025	40.07	-4.28	35.79	46.00	-10.21	QP			




**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

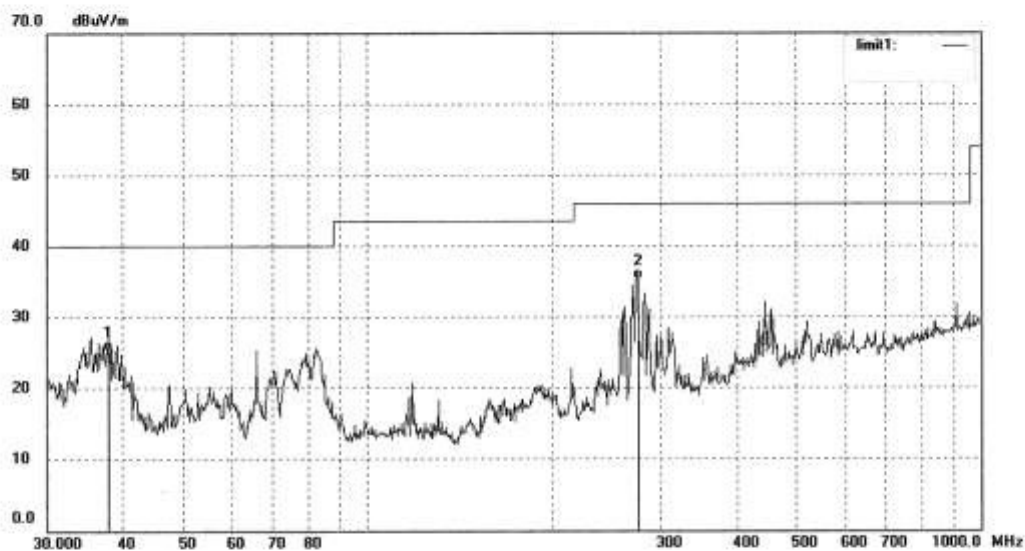
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: PHY #1431  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Tablet  
 Mode: Recording video  
 Model: NS-15AT08  
 Manufacturer: Keen High

 Polarization: Vertical  
 Power Source: AC 120V/60Hz  
 Date: 14/05/11/  
 Time:  
 Engineer Signature: PEI  
 Distance:

Note: Front Camera



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.8297	36.31	-11.06	25.25	40.00	-14.75	QP			
2	278.2520	45.23	-9.89	35.34	46.00	-10.66	QP			

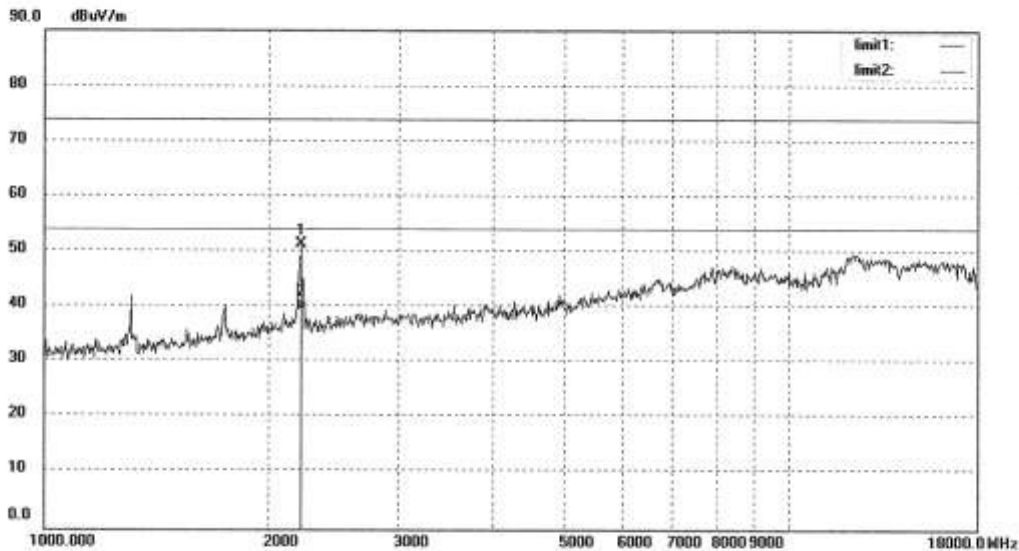

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 Site: 2# Chamber  
 Tel:+86-0755-26503290  
 Fax:+86-0755-26503396

 Job No.: PHY #1438  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Tablet  
 Mode: Recording video  
 Model: NS-15AT08  
 Manufacturer: Keen High

 Polarization: Horizontal  
 Power Source: AC 120V/60Hz  
 Date: 2014-5-11  
 Time:  
 Engineer Signature: PEI  
 Distance:

Note: Front Camera



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2225.994	59.52	-8.16	51.36	74.00	-22.64	peak			
2	2225.994	47.56	-8.16	39.40	54.00	-14.60	AVG			

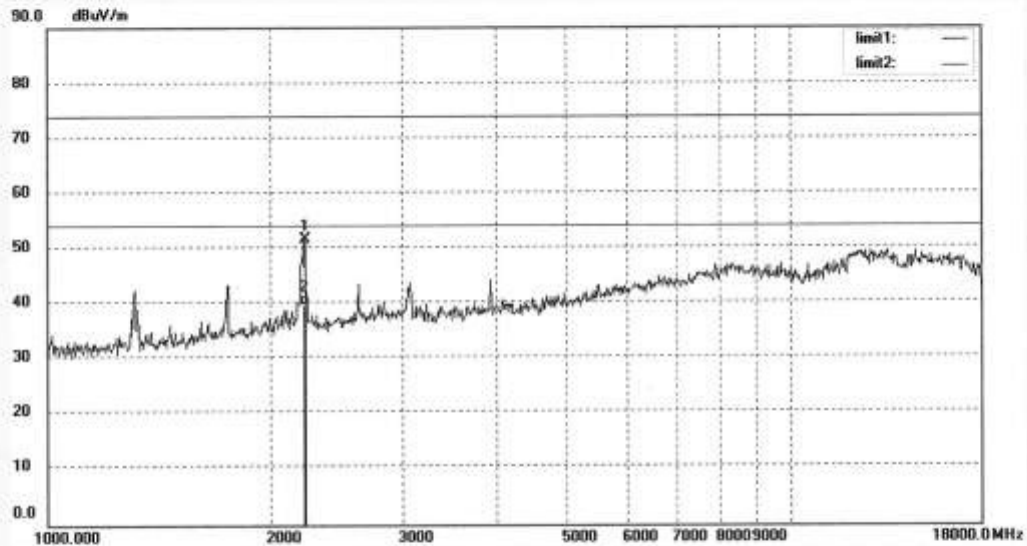

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 Fax:+86-0755-26503396

Job No.: PHY #1439	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-11
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: Recording video	Distance:
Model: NS-15AT08	
Manufacturer: Keen High	

Note: Front Camera



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2226.845	59.81	-8.16	51.65	74.00	-22.35	peak			
2	2226.845	47.90	-8.16	39.74	54.00	-14.26	AVG			


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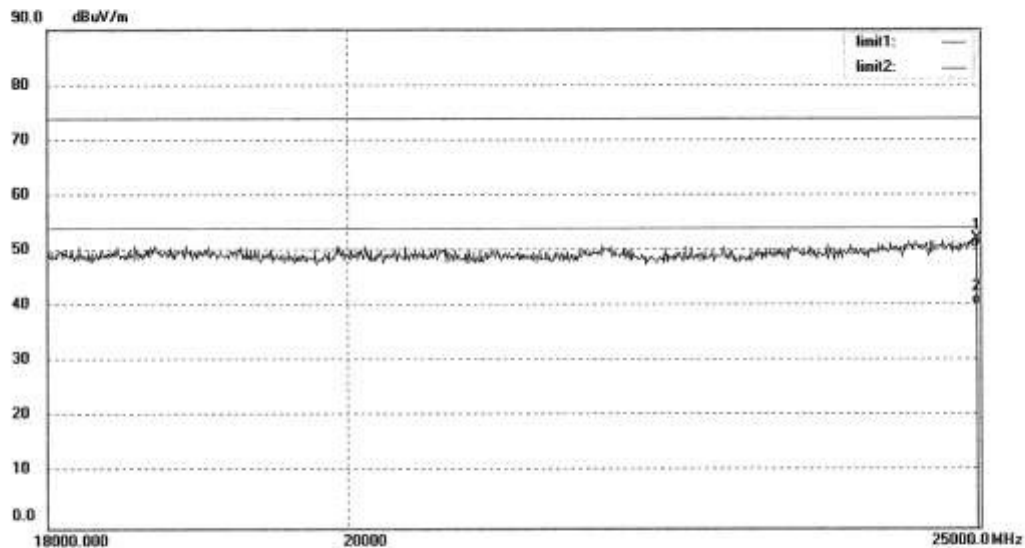
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1444	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-11
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: Recording video	Distance:
Model: NS-15AT08	
Manufacturer: Keen High	

Note: Front Camera



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24975.325	33.26	18.87	52.13	74.00	-21.87	peak			
2	24975.325	21.40	18.87	40.27	54.00	-13.73	AVG			


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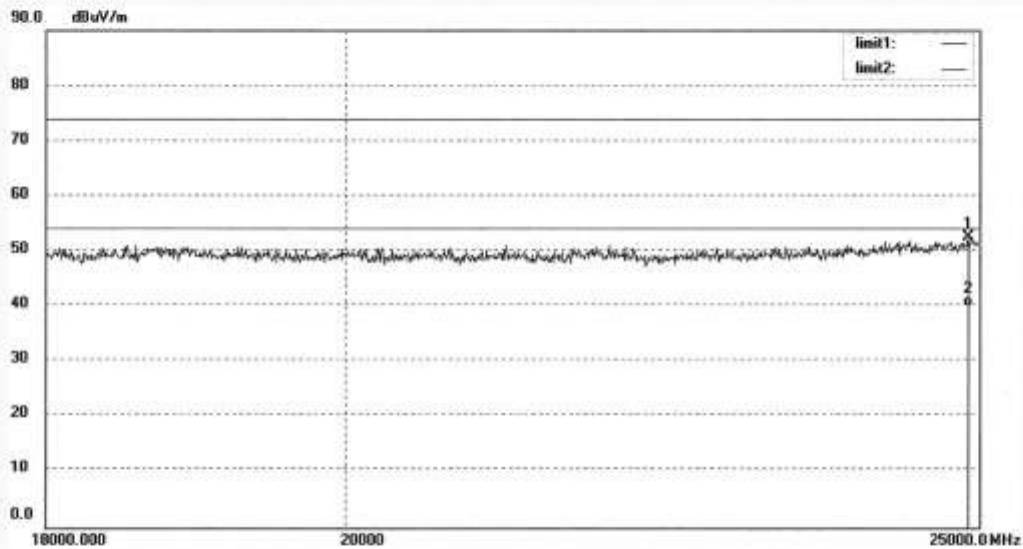
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1445	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test Item: Radiation Test	Date: 2014-5-11
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: Recording video	Distance:
Model: NS-15AT08	
Manufacturer: Keen High	

Note: Front Camera



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24909.644	33.67	18.77	52.44	74.00	-21.56	peak			
2	24909.644	21.17	18.77	39.94	54.00	-14.06	AVG			


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Site: 2# Chamber

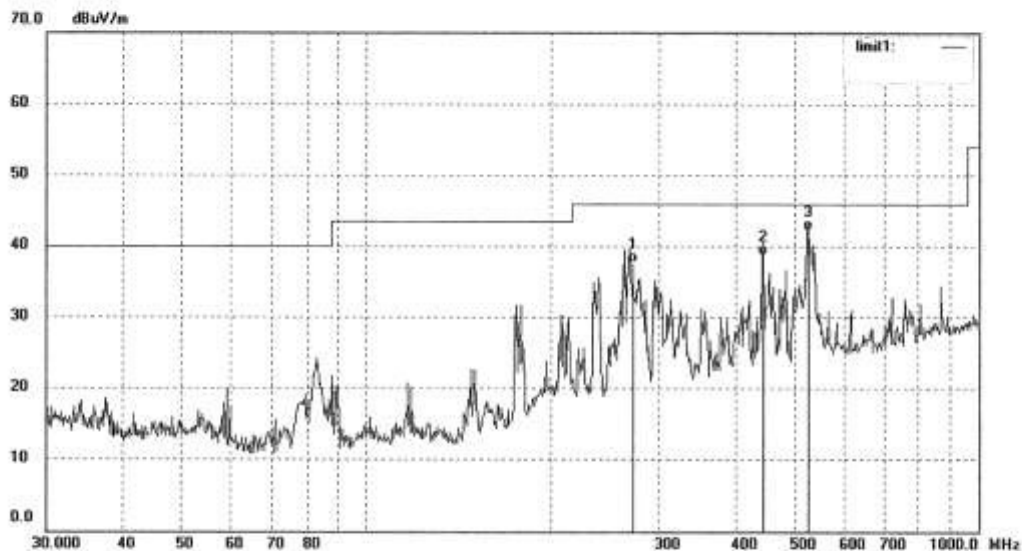
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: PHY #1428  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Tablet  
 Mode: Recording video  
 Model: NS-15AT08  
 Manufacturer: Keen High

 Polarization: Horizontal  
 Power Source: AC 120V/60Hz  
 Date: 14/05/11/  
 Time:  
 Engineer Signature: PEI  
 Distance:

Note: Back Camera



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	273.0290	47.69	-10.06	37.63	46.00	-8.37	QP			
2	445.4251	44.55	-5.86	38.69	46.00	-7.31	QP			
3	527.9920	46.54	-4.22	42.32	46.00	-3.68	QP			


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Site: 2# Chamber

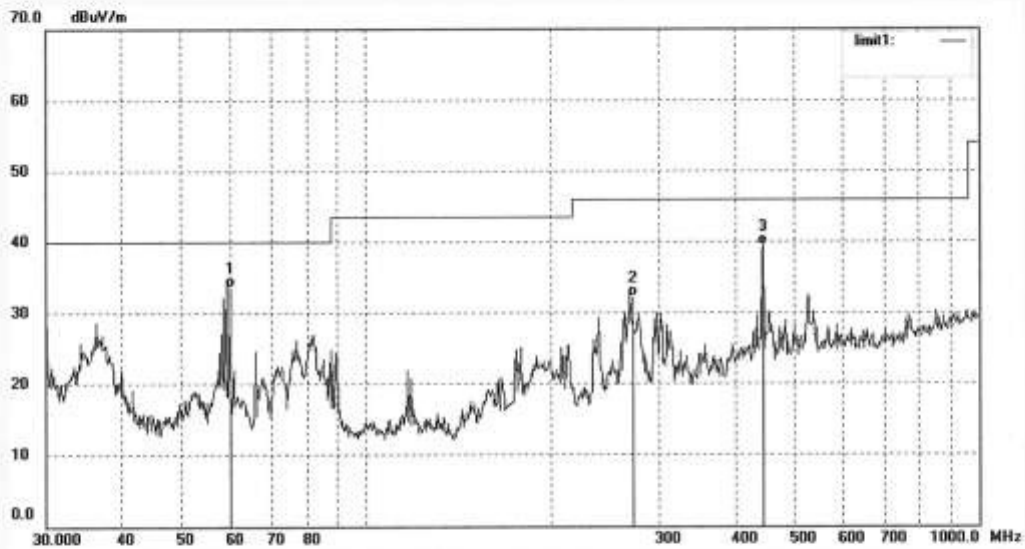
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: PHY #1429  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Tablet  
 Mode: Recording video  
 Model: NS-15AT08  
 Manufacturer: Keen High

 Polarization: Vertical  
 Power Source: AC 120V/60Hz  
 Date: 14/05/11/  
 Time:  
 Engineer Signature: PEI  
 Distance:

Note: Back Camera



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	59.9970	47.63	-13.94	33.69	40.00	-6.31	QP			
2	272.9879	42.34	-10.06	32.28	46.00	-13.72	QP			
3	445.5623	45.40	-5.85	39.55	46.00	-6.45	QP			


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Site: 2# Chamber

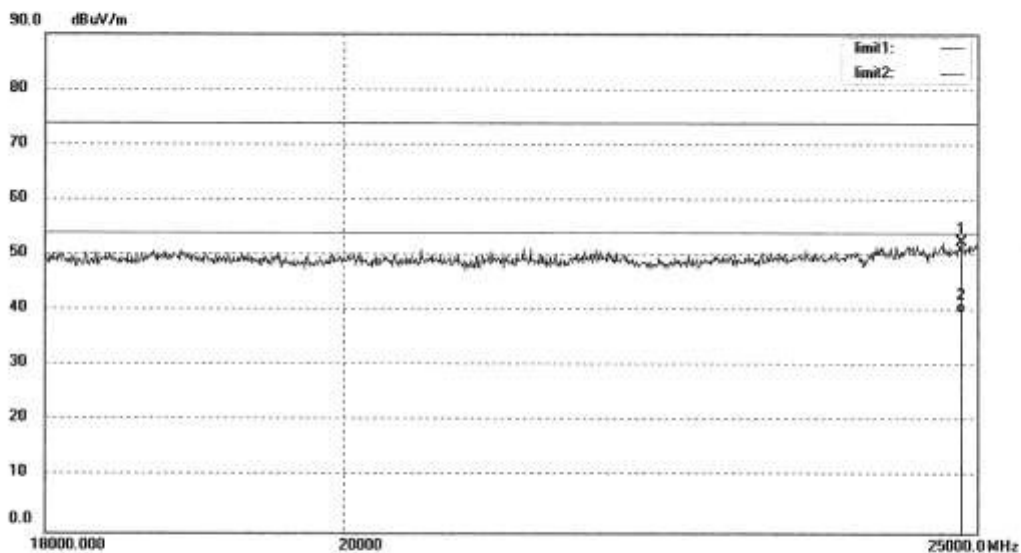
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: PHY #1442  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Tablet  
 Mode: Recording video  
 Model: NS-15AT08  
 Manufacturer: Keen High

 Polarization: Horizontal  
 Power Source: AC 120V/60Hz  
 Date: 2014-5-11  
 Time:  
 Engineer Signature: PEI  
 Distance:

Note: Back Camera



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24860.497	33.74	18.70	52.44	74.00	-21.56	peak			
2	24860.497	21.01	18.70	39.71	54.00	-14.29	AVG			




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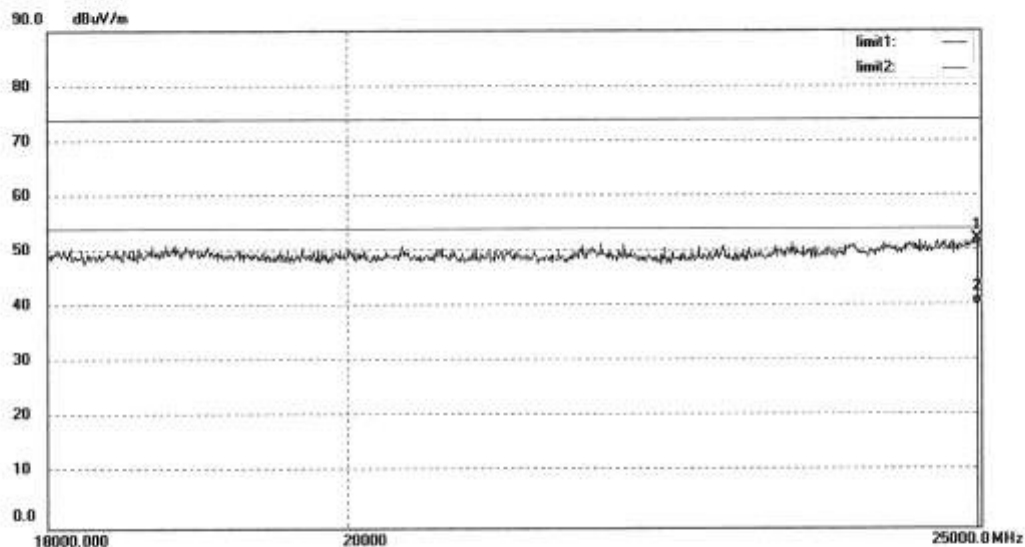
 F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1443	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-11
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: Recording video	Distance:
Model: NS-15AT08	
Manufacturer: Keen High	
Note: Back Camera	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24975.325	33.17	18.87	52.04	74.00	-21.96	peak			
2	24975.325	21.29	18.87	40.16	54.00	-13.84	AVG			


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Site: 2# Chamber

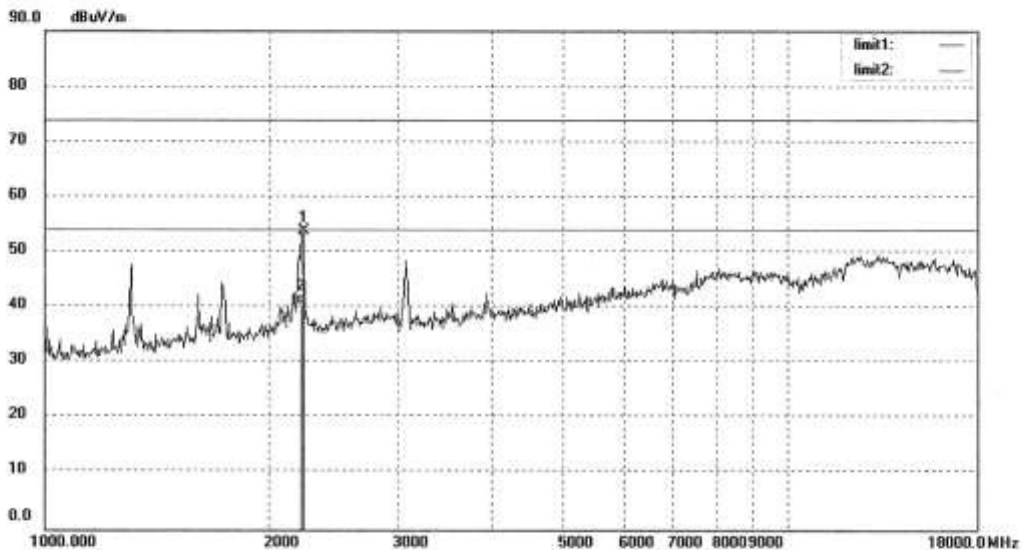
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: PHY #1440  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Tablet  
 Mode: Recording video  
 Model: NS-15AT08  
 Manufacturer: Keen High

 Polarization: Vertical  
 Power Source: AC 120V/60Hz  
 Date: 2014-5-11  
 Time:  
 Engineer Signature: PEI  
 Distance:

Note: Back Camera



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2226.618	62.08	-8.16	53.92	74.00	-20.08	peak			
2	2226.618	48.76	-8.16	40.60	54.00	-13.40	AVG			


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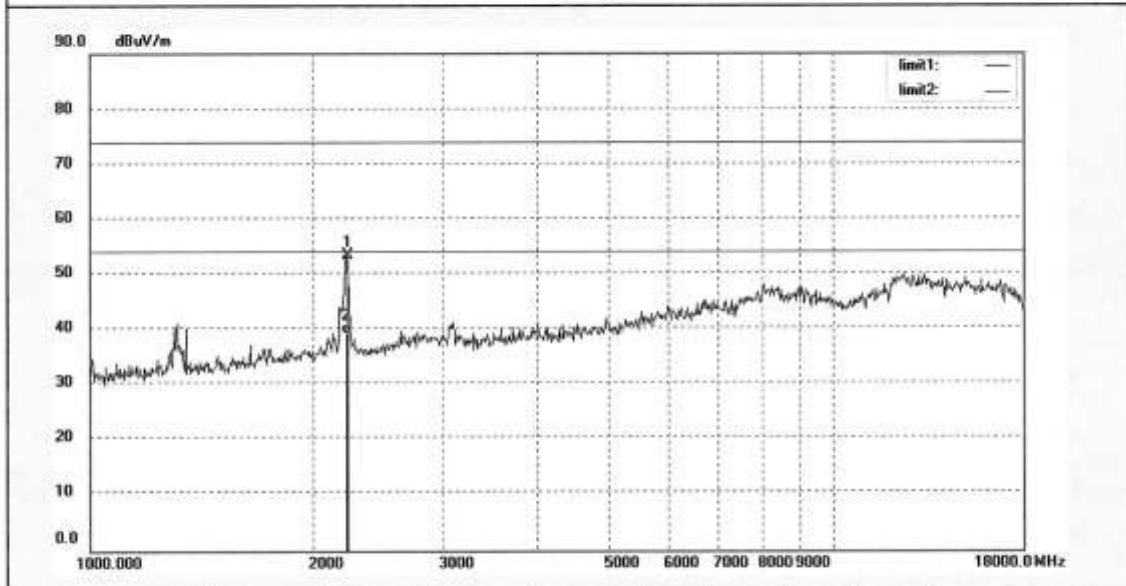
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1441	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-11
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: Recording video	Distance:
Model: NS-15AT08	
Manufacturer: Keen High	

Note: Back Camera



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2226.920	61.57	-8.16	53.41	74.00	-20.59	peak			
2	2226.920	47.42	-8.16	39.26	54.00	-14.74	AVG			

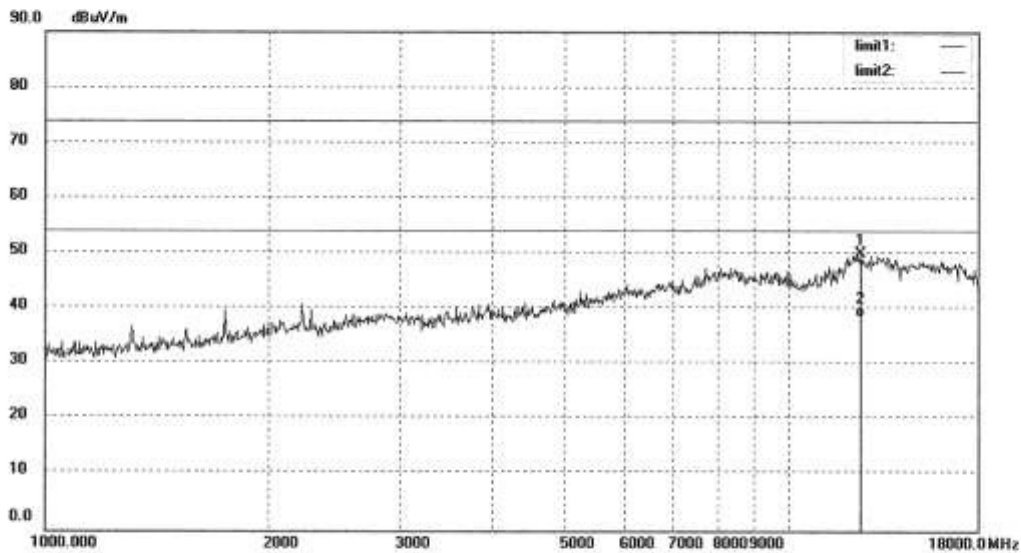

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 Site: 2# Chamber  
 Tel:+86-0755-26503290  
 Fax:+86-0755-26503396

 Job No.: PHY #1436  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Tablet  
 Mode: Playing video  
 Model: NS-15AT08  
 Manufacturer: Keen High

 Polarization: Vertical  
 Power Source: AC 120V/60Hz  
 Date: 2014-5-11  
 Time:  
 Engineer Signature: PEI  
 Distance:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12510.001	11.65	38.41	50.06	74.00	-23.94	peak			
2	12510.001	0.28	38.41	38.69	54.00	-15.31	AVG			


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Site: 2# Chamber

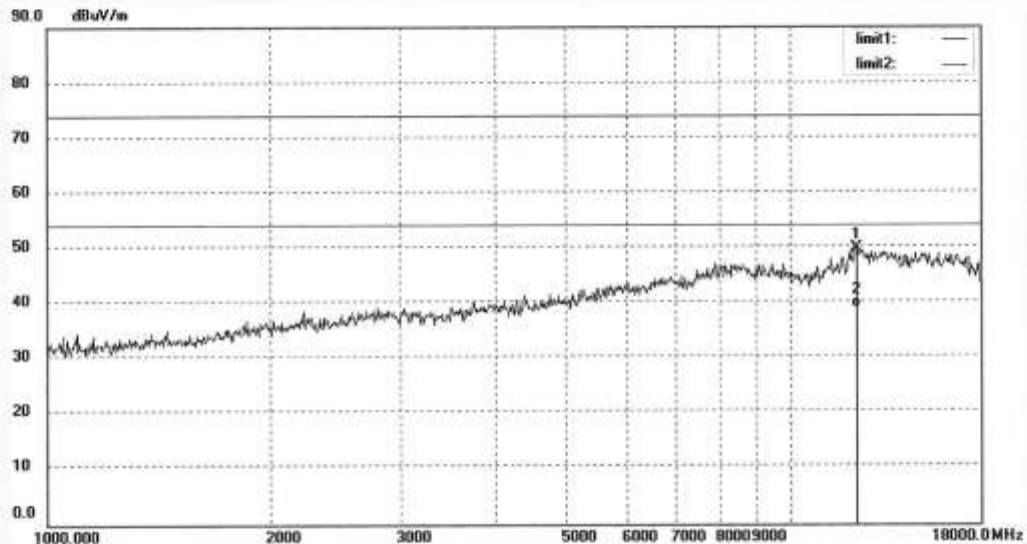
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: PHY #1437  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Tablet  
 Mode: Playing video  
 Model: NS-15AT08  
 Manufacturer: Keen High

 Polarization: Horizontal  
 Power Source: AC 120V/60Hz  
 Date: 2014-5-11  
 Time:  
 Engineer Signature: PEI  
 Distance:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12257.686	11.62	38.16	49.78	74.00	-24.22	peak			
2	12257.686	0.79	38.16	38.95	54.00	-15.05	AVG			

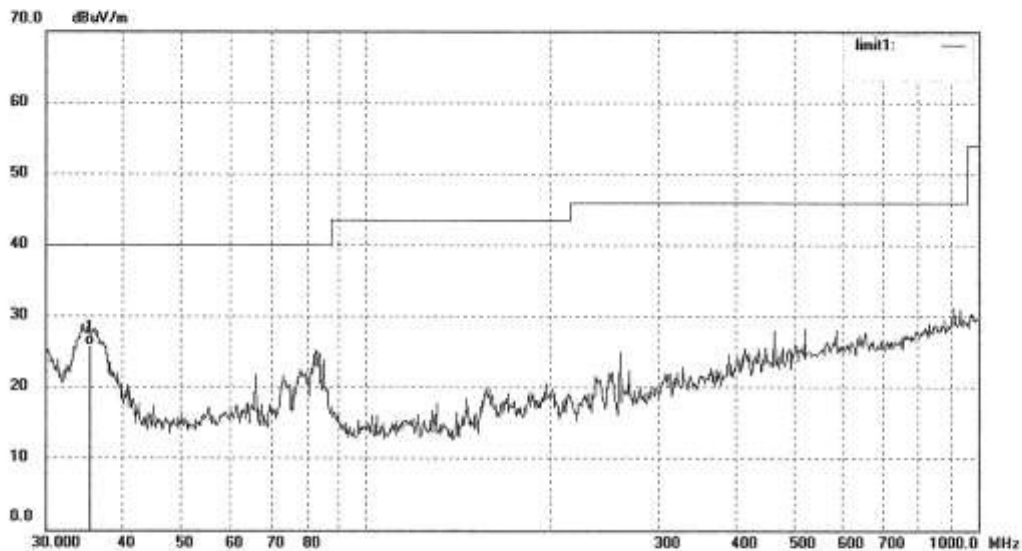

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 Site: 2# Chamber  
 Tel:+86-0755-26503290  
 Fax:+86-0755-26503396

 Job No.: PHY #1432  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Tablet  
 Mode: Playing video  
 Model: NS-15AT08  
 Manufacturer: Keen High

 Polarization: Vertical  
 Power Source: AC 120V/60Hz  
 Date: 14/05/11/  
 Time:  
 Engineer Signature: PEI  
 Distance:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.5270	36.39	-10.54	25.85	40.00	-14.15	QP			


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Site: 2# Chamber

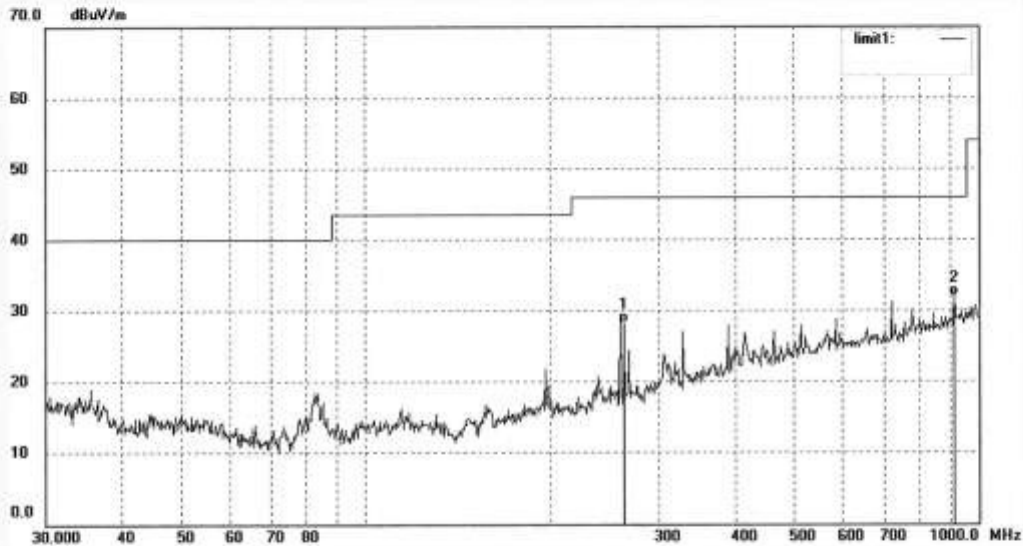
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: PHY #1433  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Tablet  
 Mode: Playing video  
 Model: NS-15AT08  
 Manufacturer: Keen High

 Polarization: Horizontal  
 Power Source: AC 120V/60Hz  
 Date: 14/05/11/  
 Time:  
 Engineer Signature: PEI  
 Distance:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	284.0081	38.77	-10.48	28.29	46.00	-17.71	QP			
2	912.6953	30.56	1.40	31.96	46.00	-14.04	QP			


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Site: 2# Chamber

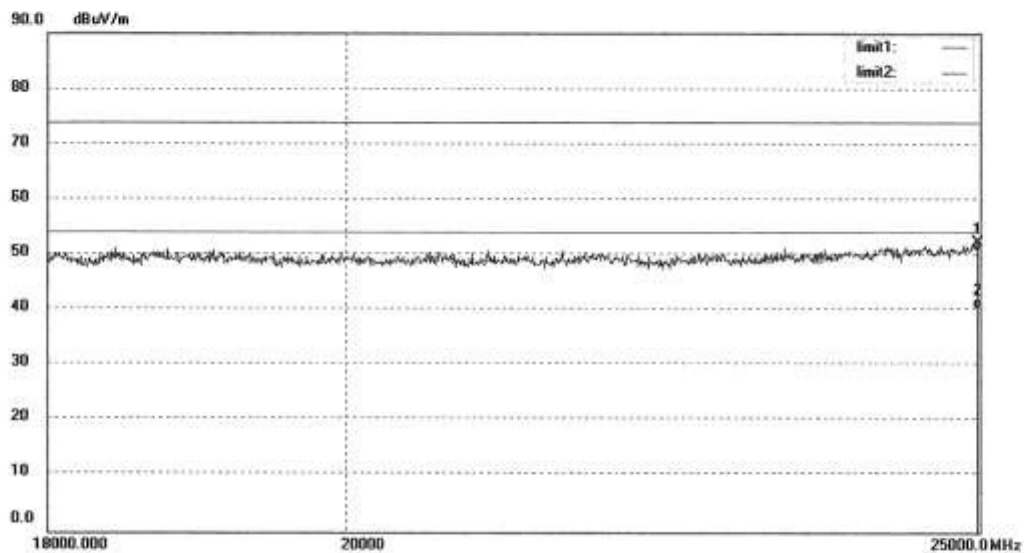
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: PHY #1446  
 Standard: FCC Class B 3M Radiated  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 48 %  
 EUT: Tablet  
 Mode: Playing video  
 Model: NS-15AT08  
 Manufacturer: Keen High

 Polarization: Horizontal  
 Power Source: AC 120V/60Hz  
 Date: 2014-5-11  
 Time:  
 Engineer Signature: PEI  
 Distance:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24983.547	33.41	18.88	52.29	74.00	-21.71	peak			
2	24983.547	21.53	18.88	40.41	54.00	-13.59	AVG			



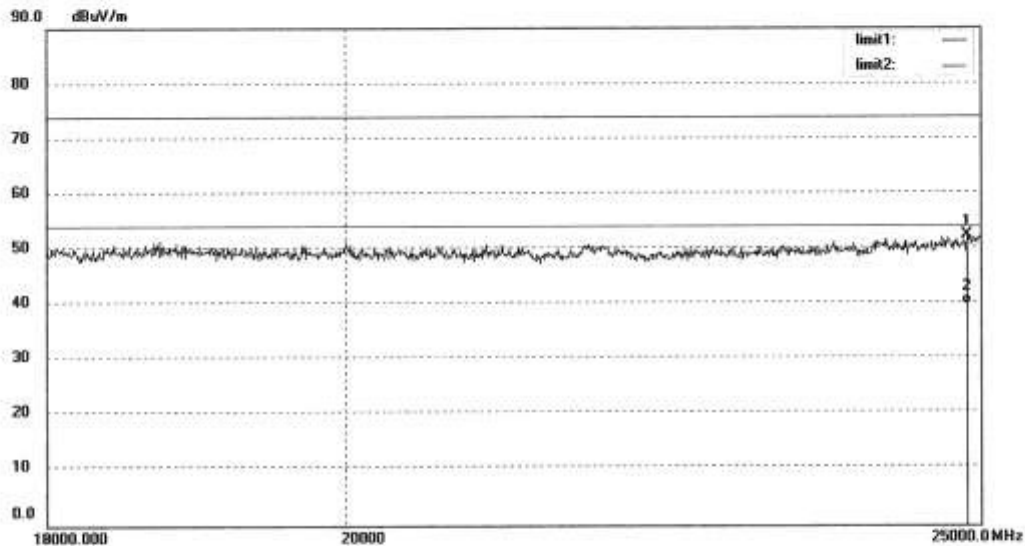

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 Site: 2# Chamber  
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 Fax:+86-0755-26503396

Job No.: PHY #1447	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-11
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: Playing video	Distance:
Model: NS-15AT08	
Manufacturer: Keen High	

Note:



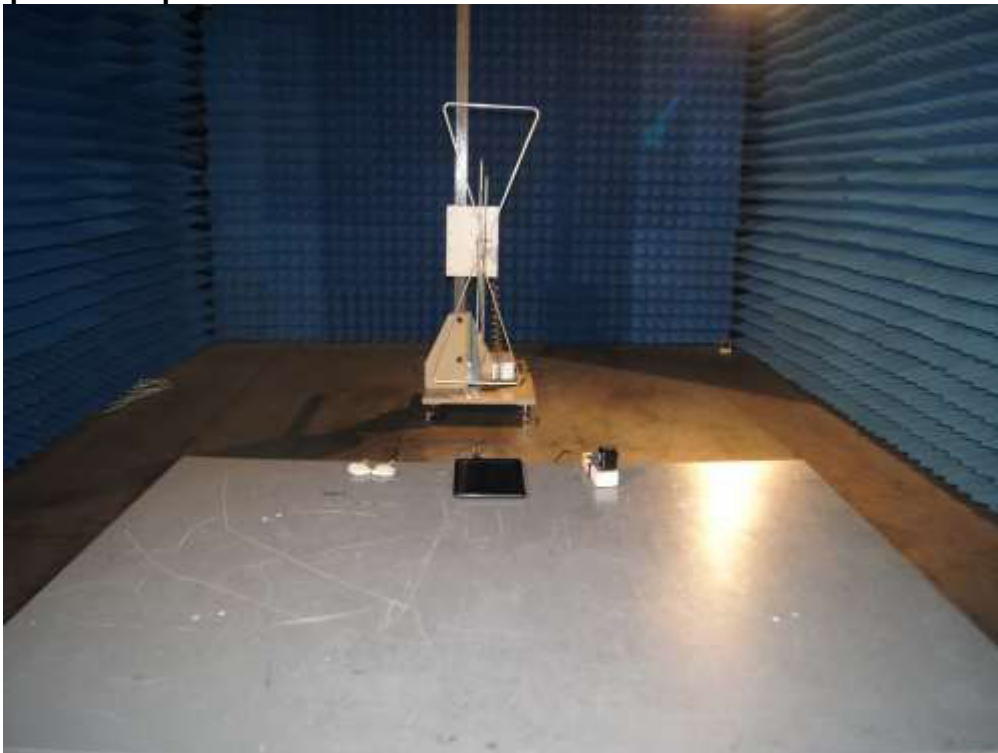
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24885.058	33.60	18.74	52.34	74.00	-21.66	peak			
2	24885.058	20.96	18.74	39.70	54.00	-14.30	AVG			

## 6. Photographs of the Test Set-Up

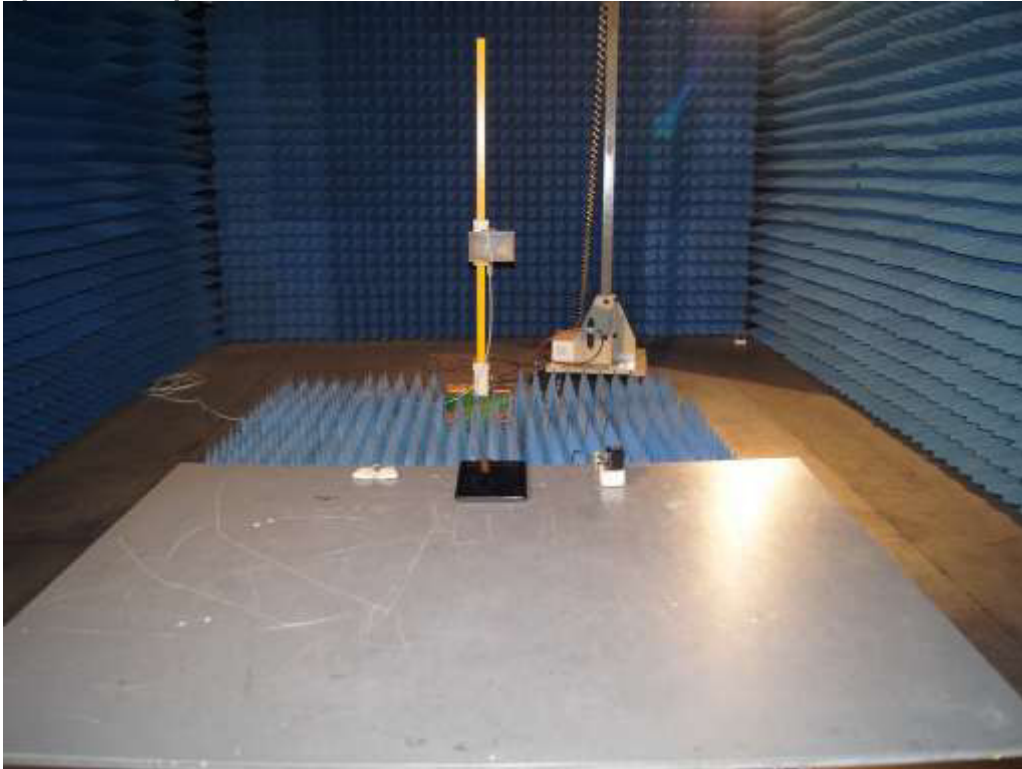
Photograph 1: Set-up for Conducted Emission



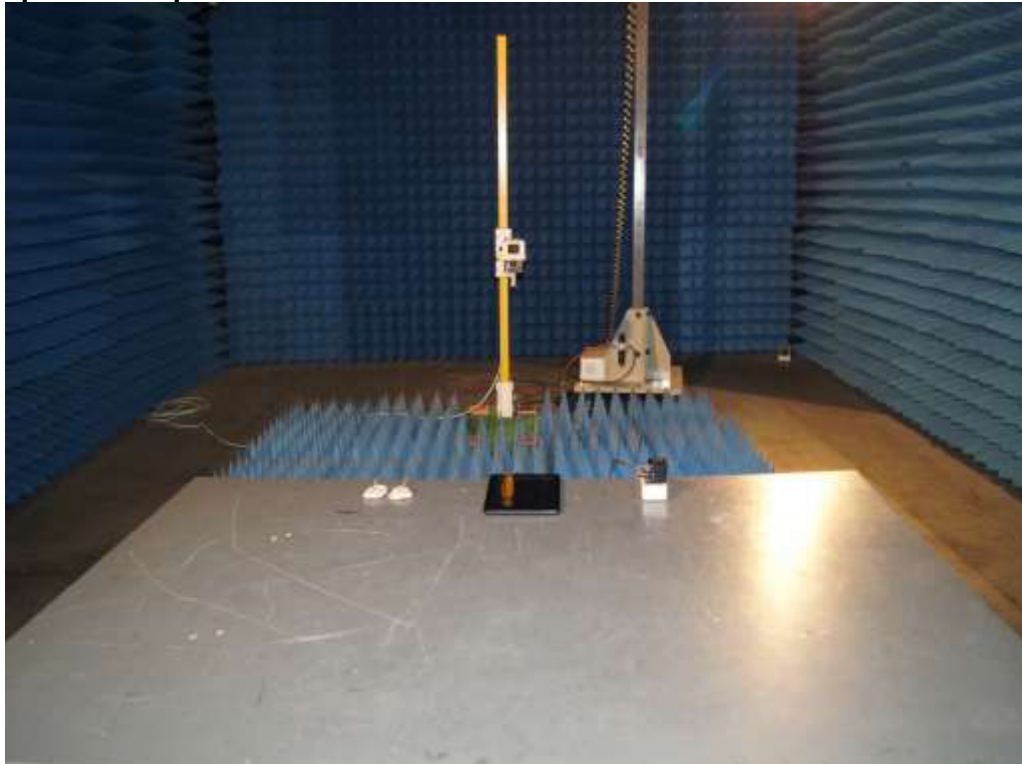
Photograph 2: Set-up for Radiated Emission of below 1GHz



**Photograph 3: Set-up for Radiated Emission of 1 - 18GHz**



**Photograph 4: Set-up for Radiated Emission of 18 - 25GHz**



## 7. List of Tables

Table 1: List of Test and Measurement Equipment.....	5
Table 2: Measurement Uncertainty .....	6
Table 3: Technical Specification of EUT.....	8

## 8. List of Photographs

Photograph 1: Set-up for Conducted Emission .....	34
Photograph 2: Set-up for Radiated Emission of below 1GHz .....	34
Photograph 3: Set-up for Radiated Emission of 1 - 18GHz.....	35
Photograph 4: Set-up for Radiated Emission of 18 - 25GHz .....	35