

<b>Prüfbericht-Nr.:</b> <i>Test Report No.:</i>	<b>50094373 005</b>	<b>Auftrags-Nr.:</b> <i>Order No.:</i>	<b>164090912</b>	<b>Seite 1 von 56</b> <i>Page 1 of 56</i>
<b>Kunden-Referenz-Nr.:</b> <i>Client Reference No.:</i>	<b>N/A</b>	<b>Auftragsdatum:</b> <i>Order date:</i>	<b>17.04.2017</b>	
<b>Auftraggeber:</b> <i>Client:</i>	<b>GIEC TECHNOLOGY (HONG KONG) CO., LTD.</b> Unit 7, 22/F., Billion Trade Centre, 31 Hung To Road, Kwun Tong, Hongkong			
<b>Prüfgegenstand:</b> <i>Test item:</i>	<b>NS-P11A8100, NS-P11A8100-C, NS-P11XXXXXXXXX (x=0-9, A-Z, a-z, - or blank, for market purpose only)</b>			
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type No.:</i>	<b>NS-P11A8100</b>			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	<b>FCC/IC Certification</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 6 January 2016</b>			
<b>Wareneingangsdatum:</b> <i>Date of receipt:</i>	<b>29.04.2017</b>			
<b>Prüfmuster-Nr.:</b> <i>Test sample No.:</i>	<b>A000575755-004</b>			
<b>Prüfzeitraum:</b> <i>Testing period:</i>	<b>08.07.2017</b>			
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	<b>Shenzhen EMTEK 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>		
10-07-2017	Andy Yan/Project Manager	10-07-2017	Owen Tian/Technical Certifier	
<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>	<b>Unterschrift</b> <i>Signature</i>	<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>
				<b>Unterschrift</b> <i>Signature</i>
<b>Sonstiges / Other:</b>		<b>FCC ID: 2AIB2-P11A8100 IC: 21456-P11A8100 HVIN: NS-P11A8100-C</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>		
<p>* 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</p> <p>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</p>				
<p><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></p>				

**Prüfbericht - Nr.: 50094373 005**  
*Test Report No.*

**Seite 2 von 56**  
*Page 2 of 56*

## 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>9</b>
<b>4.</b>	<b>TEST SET-UP AND OPERATION MODES .....</b>	<b>10</b>
<b>4.1</b>	<b>PRINCIPLE OF CONFIGURATION SELECTION .....</b>	<b>10</b>
<b>4.2</b>	<b>TEST OPERATION AND TEST SOFTWARE.....</b>	<b>10</b>
<b>4.3</b>	<b>SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT.....</b>	<b>10</b>
<b>4.4</b>	<b>COUNTERMEASURES TO ACHIEVE ERM COMPLIANCE .....</b>	<b>10</b>
<b>5.</b>	<b>TEST RESULTS EMISSION .....</b>	<b>11</b>
<b>5.1</b>	<b>EMISSION IN THE FREQUENCY RANGE UP TO 30 MHz .....</b>	<b>11</b>
5.1.1	<i>Conducted emissions.....</i>	<i>11</i>
<b>5.2</b>	<b>EMISSION IN THE FREQUENCY RANGE ABOVE 30 MHz.....</b>	<b>26</b>
5.2.1	<i>Radiated Emission .....</i>	<i>26</i>
<b>6.</b>	<b>PHOTOGRAPHS OF THE TEST SET-UP.....</b>	<b>55</b>
<b>7.</b>	<b>LIST OF TABLES .....</b>	<b>56</b>
<b>8.</b>	<b>LIST OF PHOTOGRAPHS .....</b>	<b>56</b>

**Prüfbericht - Nr.: 50094373 005**  
*Test Report No.***Seite 4 von 56**  
*Page 4 of 56*

## 1. General Remarks

### 1.1 Complementary Materials

None.

## 2. Test Sites

### 2.1 Test Facilities

Shenzhen EMTEK Co., Ltd.

**(FCC Registration No.: 709623)**

**(Test site Industry Canada No.: 4480A-2)**

Bldg 69, Majialong Industry Zone, Nanshan District,  
Shenzhen, Guangdong, 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>Radiated Emissions</b>				
EMI Test Receiver	Rohde & Schwarz	ESCI	101414	2018-05-19
Pre-Amplifier	LUNAR-EM	LNA30M3G-25	J10100000071	2018-05-19
Bilog Antenna	Schwarzbeck	VULB9163	660	2018-05-20
Cable	H+B	NmSm-05-C15052	N/A	2018-05-20
Cable	H+B	NmSm-2-C15201	N/A	2018-05-20
Cable	H+B	NmNm-7-C15702	N/A	2018-05-20
EMI Test Receiver	Rohde & Schwarz	FSV40	132.1-3008K39-100967-AP	2018-05-19
Pre-Amplifier	Lunar EM	LNA1G18-48	J1011131010001	2018-05-19
Horn Antenna	Schwarzbeck	BBHA 9120	1178	2018-05-20
Cable	H+B	SAC-40G-1	414	2018-05-20
Cable	H+B	SUCOFLEX104	MY14871/4	2018-05-20
Cable	H+B	BLU18A-NmSm-6500	D8501	2018-05-20
<b>Conducted Emission</b>				
Test Receiver	Rohde & Schwarz	ESCI	26115-010-0027	2018-05-19
L.I.S.N.	Rohde & Schwarz	ENV216	101161	2018-05-19
50Ω Coaxial Switch	Anritsu	MP59B	6100175589	2018-05-20
Voltage Probe	Rohde & Schwarz	ESH2-Z3	100122	2018-05-20

## 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**

Parameter	Uncertainty
Conducted Emissions Test	±2.0dB
Radiated Emission Test	±2.0dB
Temperature	±0.5°C
Humidity	±3%

## 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

Shenzhen EMTEK Co., Ltd. test facility located at Bldg 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 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

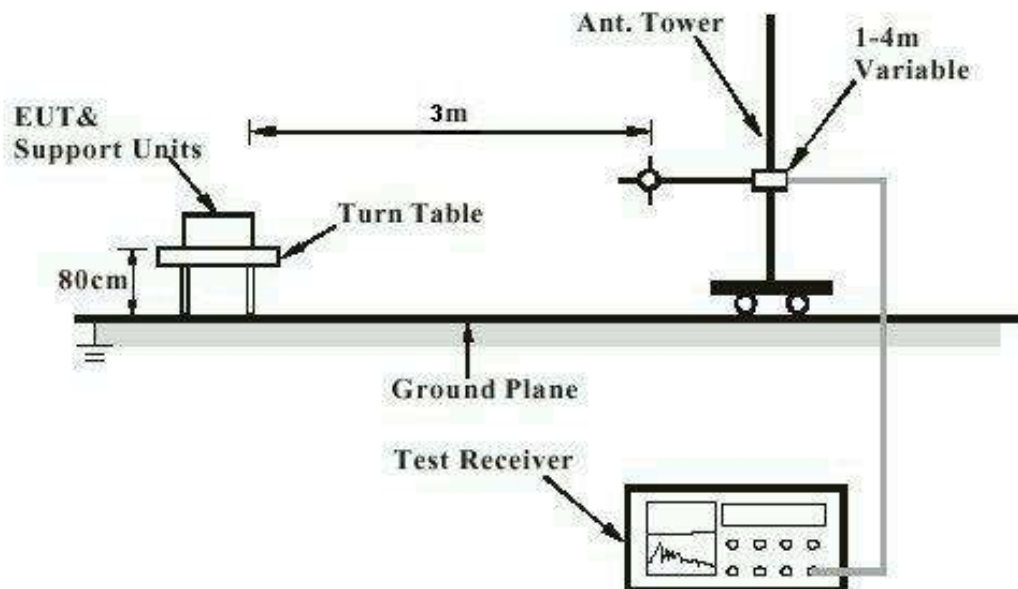
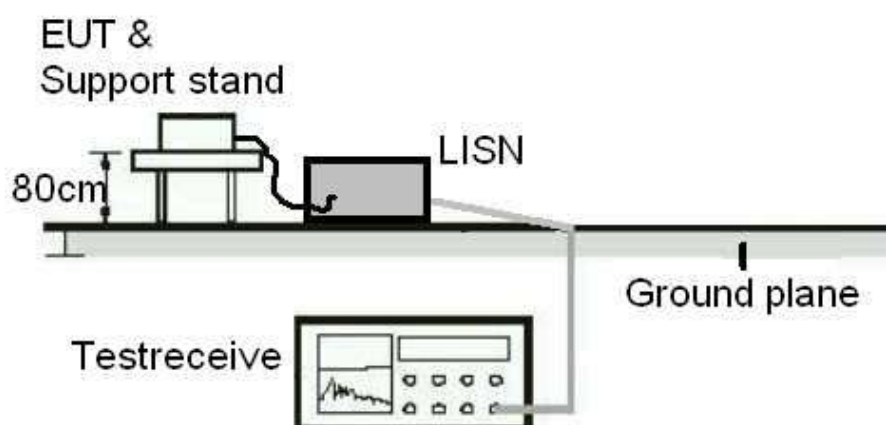


Diagram of Measurement Equipment Configuration for Conduction Measurement



### 3. General Product Information

#### 3.1 Product Function and Intended Use

The EUTs are 11.6" Android tablet with Wi-Fi, Bluetooth function.  
All models are identical except the model number, brand or color.  
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	11.6" Android tablet
Type Designation	NS-P11A8100, NS-P11A8100-C, NS-P11XXXXXXXXX (x=0-9, A-Z, a-z, - or blank, for market purpose only)
FCC ID	2AIB2-P11A8100
IC	21456-P11A8100
HVIN	NS-P11A8100-C
Extreme Temperature Range	0~+40°C
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, with charging
  - 1. Recording mode
  - 2. Playing mode
  - 3. Connected to PC
- 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: 2014.

### 4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	Rating
AC/DC Adapter	Dongguan Wahhing Electrical Appliance CO.,Ltd.	PS01111A	Input: AC 100-240V, 50/60Hz, 0.4A Output: DC 5V, 3A

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
MicroSD card slot	---	---

### 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 EMISSION

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

#### 5.1.1 Conducted emissions

**RESULT:****Pass**

Date of testing	:	2017-07-08
Test standard	:	FCC Part 15.107 (a) ICES-003 Issue 6 January 2016
Basic standard	:	ANSI C63.4: 2014
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.107(a) ICES-003 Issue 6 January 2016
Kind of test site	:	Shield room

**Test setup**

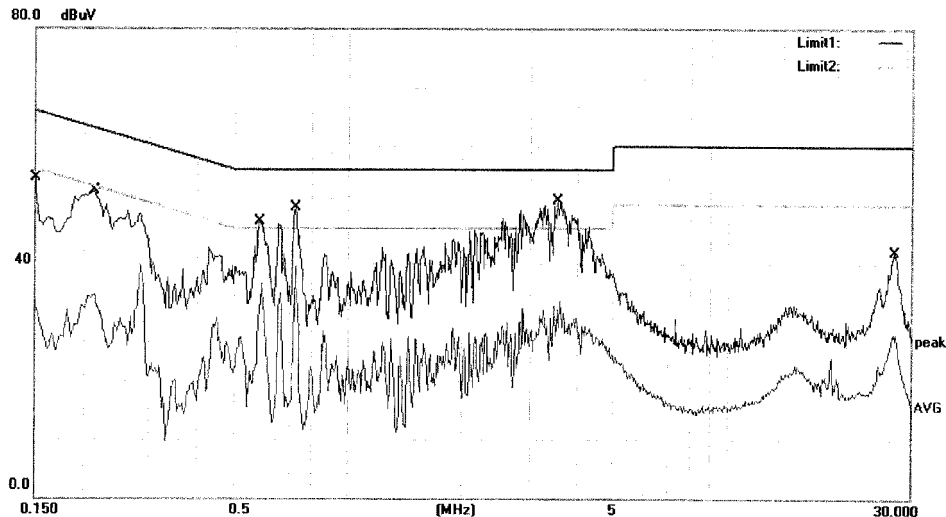
Input Voltage	:	AC 120V, 60Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	24.9°C
Relative humidity	:	54%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4283 Fax: +86-755-2695 4282


**Conducted Emission Measurement**

File: TUV Data: #1323 Date: 2017/07/08



Site Conduction #2 Phase: **L1** Temperature: 24.9  
 Limit: (CE)FCC PART 15 class B\_QP Power: AC 120V/60Hz Humidity: 54 %  
 EUT: Table PC  
 M/N: NS-P11A8100  
 Mode: Camera Recoding (front)  
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1500	44.61	9.89	54.50	66.00	-11.50	QP	
2		0.1500	23.58	9.89	33.47	56.00	-22.53	AVG	
3		0.2140	42.34	9.90	52.24	63.05	-10.81	QP	
4		0.2140	24.87	9.90	34.77	53.05	-18.28	AVG	
5		0.5820	37.12	9.93	47.05	56.00	-8.95	QP	
6		0.5820	26.55	9.93	36.48	46.00	-9.52	AVG	
7		0.7220	39.55	9.94	49.49	56.00	-6.51	QP	
8		0.7220	29.63	9.94	39.57	46.00	-6.43	AVG	
9	*	3.5460	40.62	9.99	50.61	56.00	-5.39	QP	
10		3.5460	23.43	9.99	33.42	46.00	-12.58	AVG	
11		27.1260	31.68	10.27	41.95	60.00	-18.05	QP	
12		27.1260	17.73	10.27	28.00	50.00	-22.00	AVG	

\*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: CSL

File: TUV\Data: #1323

Page: 1

Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4283 Fax: +86-755-2695 4282

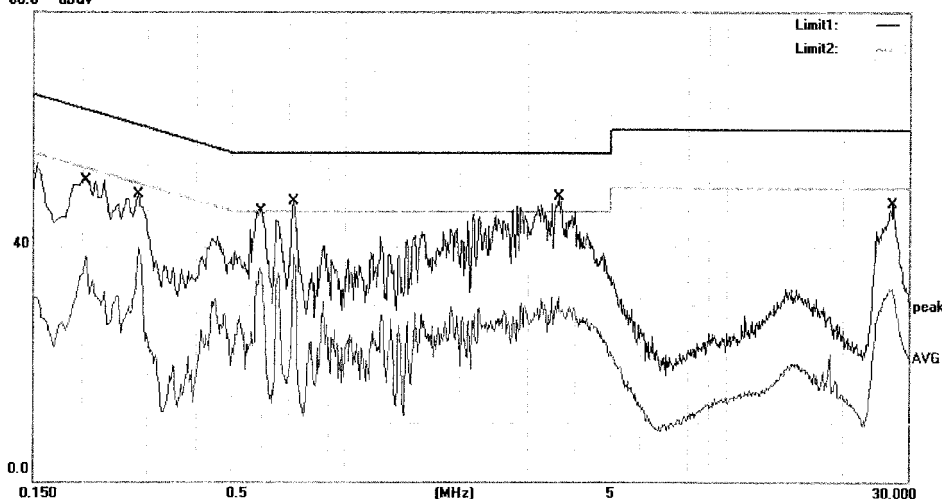

**Conducted Emission Measurement**

File: TUV

Data: #1322

Date: 2017/07/08

80.0 dBuV



Site Conduction #2

Phase: N

Temperature: 24.9

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 54 %

EUT: Table PC

M/N: NS-P11A8100

Mode: Camera Recoding (front)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2060	41.44	9.90	51.34	63.37	-12.03	QP	
2		0.2060	28.38	9.90	38.28	53.37	-15.09	AVG	
3		0.2820	38.99	9.90	48.89	60.76	-11.87	QP	
4		0.2820	29.86	9.90	39.76	50.76	-11.00	AVG	
5		0.5940	36.14	9.93	46.07	56.00	-9.93	QP	
6		0.5940	26.40	9.93	36.33	46.00	-9.67	AVG	
7		0.7220	37.81	9.94	47.75	56.00	-8.25	QP	
8	*	0.7220	28.81	9.94	38.75	46.00	-7.25	AVG	
9		3.6380	38.43	9.99	48.42	56.00	-7.58	QP	
10		3.6380	21.59	9.99	31.58	46.00	-14.42	AVG	
11		27.1860	36.96	10.27	47.23	60.00	-12.77	QP	
12		27.1860	22.71	10.27	32.98	50.00	-17.02	AVG	

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator: CSL

File: TUVData: #1322

Page: 1

Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4283 Fax: +86-755-2695 4282

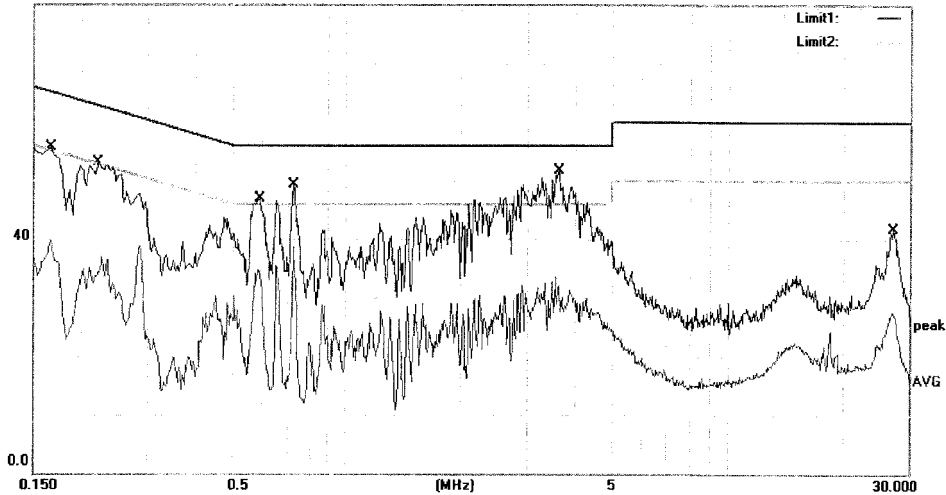

**Conducted Emission Measurement**

File :TUV

Data :#1324

Date: 2017/07/08

60.0 dBuV



Site Conduction #2

Phase: L1

Temperature: 24.9

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 54 %

EUT: Table PC

M/N: NS-P11A8100

Mode: Camera Recoding (Rear)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1660	45.73	9.89	55.62	65.16	-9.54	QP	
2		0.1660	29.84	9.89	39.73	55.16	-15.43	AVG	
3		0.2220	43.21	9.90	53.11	62.74	-9.63	QP	
4		0.2220	28.76	9.90	38.66	52.74	-14.08	AVG	
5		0.5900	36.92	9.93	46.85	56.00	-9.15	QP	
6		0.5900	24.70	9.93	34.63	46.00	-11.37	AVG	
7		0.7220	39.28	9.94	49.22	56.00	-6.78	QP	
8		0.7220	28.74	9.94	38.68	46.00	-7.32	AVG	
9	*	3.6140	41.78	9.99	51.77	56.00	-4.23	QP	
10		3.6140	23.58	9.99	33.57	46.00	-12.43	AVG	
11		27.2220	31.43	10.27	41.70	60.00	-18.30	QP	
12		27.2220	17.29	10.27	27.56	50.00	-22.44	AVG	

\*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: CSL

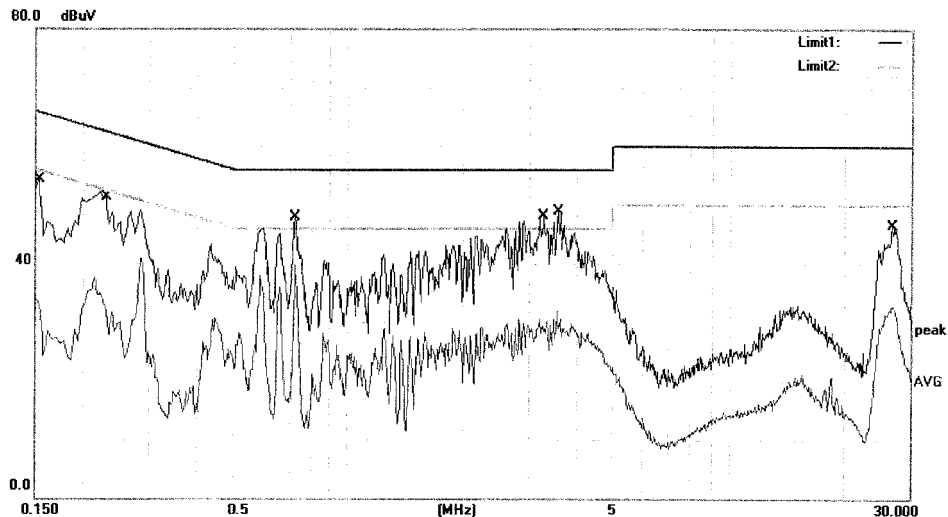
File :TUVData :#1324

Page: 1

Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4283 Fax: +86-755-2695 4282


**Conducted Emission Measurement**

File: TUV Data: #1325 Date: 2017/07/08



Site Conduction #2 Phase: **N** Temperature: 24.9  
 Limit: (CE)FCC PART 15 class B\_QP Power: AC 120V/60Hz Humidity: 54 %  
 EUT: Table PC  
 M/N: NS-P11A8100  
 Mode: Camera Recoding (Rear)  
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1540	44.41	9.89	54.30	65.78	-11.48	QP	
2		0.1540	24.22	9.89	34.11	55.78	-21.67	AVG	
3		0.2300	41.50	9.90	51.40	62.45	-11.05	QP	
4		0.2300	31.01	9.90	40.91	52.45	-11.54	AVG	
5		0.7220	37.95	9.94	47.89	56.00	-8.11	QP	
6	*	0.7220	29.66	9.94	39.60	46.00	-6.40	AVG	
7		3.2620	38.17	9.98	48.15	56.00	-7.85	QP	
8		3.2620	20.45	9.98	30.43	46.00	-15.57	AVG	
9		3.5740	38.91	9.99	48.90	56.00	-7.10	QP	
10		3.5740	22.00	9.99	31.99	46.00	-14.01	AVG	
11		26.8020	36.14	10.27	46.41	60.00	-13.59	QP	
12		26.8020	22.39	10.27	32.66	50.00	-17.34	AVG	

\*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: CSL

File: TUVData: #1325

Page: 1

Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282

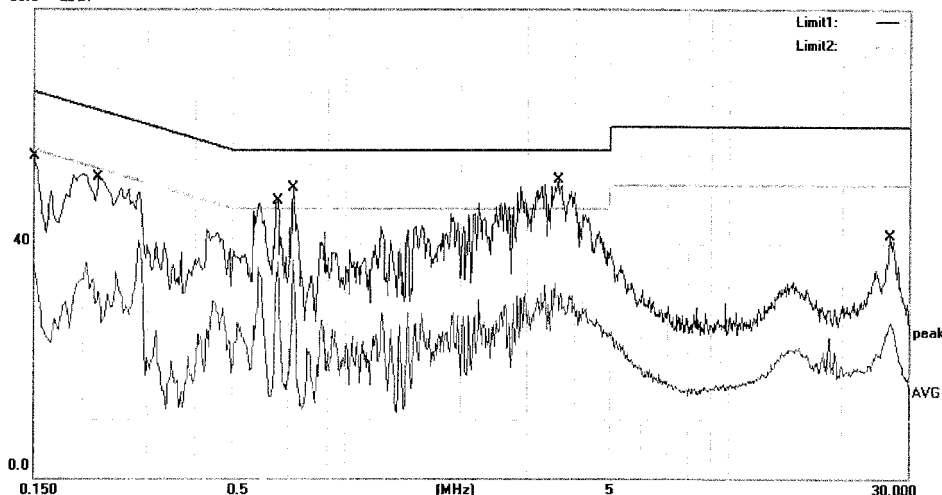

**Conducted Emission Measurement**

File :TUV

Data :#1327

Date: 2017/07/08

80.0 dBuV



Site Conduction #2

Phase: L1

Temperature: 24.9

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 54 %

EUT: Table PC

M/N: NS-P11A8100

Mode: video play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	44.99	9.89	54.88	66.00	-11.12	QP	
2		0.1500	26.45	9.89	36.34	56.00	-19.66	AVG	
3		0.2220	41.29	9.90	51.19	62.74	-11.55	QP	
4		0.2220	30.57	9.90	40.47	52.74	-12.27	AVG	
5		0.6580	37.32	9.94	47.26	56.00	-8.74	QP	
6		0.6580	26.99	9.94	36.93	46.00	-9.07	AVG	
7		0.7220	39.54	9.94	49.48	56.00	-6.52	QP	
8		0.7220	27.19	9.94	37.13	46.00	-8.87	AVG	
9	*	3.6100	40.87	9.99	50.86	56.00	-5.14	QP	
10		3.6100	23.31	9.99	33.30	46.00	-12.70	AVG	
11		26.8300	30.93	10.27	41.20	60.00	-18.80	QP	
12		26.8300	16.22	10.27	26.49	50.00	-23.51	AVG	

\*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: CSL

File :TUVData :#1327

Page: 1



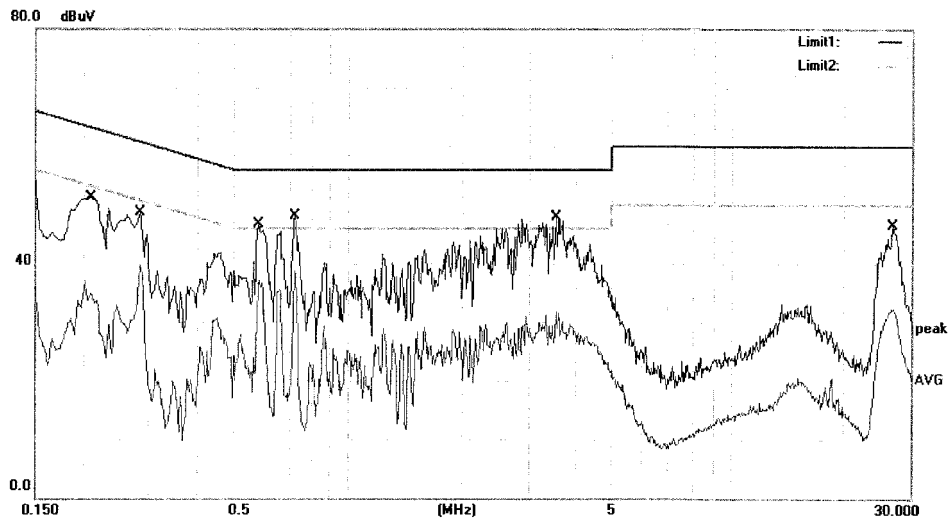
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Wajialong Industry Zone, Nanshan District, Shenzhen, Guangdong 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Conducted Emission Measurement**

File :TUV

Data :#1326

Date: 2017/07/08



Site Conduction #2

Phase: N

Temperature: 24.9

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 54 %

EUT: Table PC

M/N: NS-P11A8100

Mode: video play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2100	41.44	9.90	51.34	63.21	-11.87	QP	
2		0.2100	27.18	9.90	37.08	53.21	-16.13	AVG	
3		0.2820	38.74	9.90	48.64	60.76	-12.12	QP	
4		0.2820	29.72	9.90	39.62	50.76	-11.14	AVG	
5		0.5820	36.84	9.93	46.77	56.00	-9.23	QP	
6		0.5820	27.27	9.93	37.20	46.00	-8.80	AVG	
7		0.7220	38.11	9.94	48.05	56.00	-7.95	QP	
8	*	0.7220	28.77	9.94	38.71	46.00	-7.29	AVG	
9		3.5540	38.01	9.99	48.00	56.00	-8.00	QP	
10		3.5540	21.72	9.99	31.71	46.00	-14.29	AVG	
11		26.8260	36.27	10.27	46.54	60.00	-13.46	QP	
12		26.8260	22.02	10.27	32.29	50.00	-17.71	AVG	

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator: CSL

File :TUVData :#1326

Page: 1

Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Wajialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282

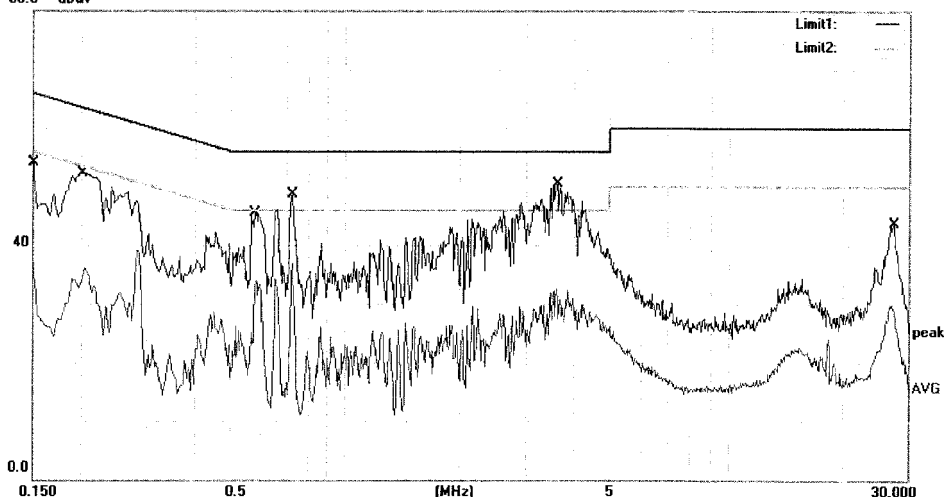

**Conducted Emission Measurement**

File: TUV

Data: #1316

Date: 2017/07/08

80.0 dBuV



Site Conduction #2

Phase: L1

Temperature: 24.9

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 54 %

EUT: Table PC

M/N: NS-P11A8100

Mode: SD play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	44.11	9.89	54.00	66.00	-12.00	QP	
2		0.1500	27.21	9.89	37.10	56.00	-18.90	AVG	
3		0.2020	42.46	9.90	52.36	63.53	-11.17	QP	
4		0.2020	29.10	9.90	39.00	53.53	-14.53	AVG	
5		0.5780	35.64	9.93	45.57	56.00	-10.43	QP	
6		0.5780	24.29	9.93	34.22	46.00	-11.78	AVG	
7		0.7220	38.85	9.94	48.79	56.00	-7.21	QP	
8		0.7220	26.93	9.94	36.87	46.00	-9.13	AVG	
9	*	3.6100	40.49	9.99	50.48	56.00	-5.52	QP	
10		3.6100	22.43	9.99	32.42	46.00	-13.58	AVG	
11		27.4420	33.47	10.27	43.74	60.00	-16.26	QP	
12		27.4420	19.72	10.27	29.99	50.00	-20.01	AVG	

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator: CSL

File: TUVData: #1316

Page: 1

Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Wajialong Industry Zone, Nanshan District, Shenzhen, Guangdong 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4283 Fax: +86-755-2695 4282

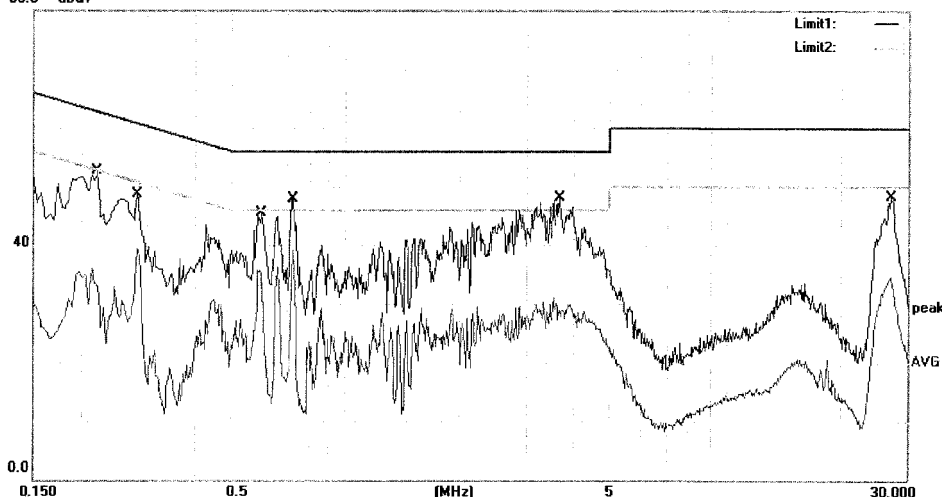

**Conducted Emission Measurement**

File :TUV

Data :#1317

Date: 2017/07/08

80.0 dBuV



Site Conduction #2

Phase: N

Temperature: 24.9

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 54 %

EUT: Table PC

M/N: NS-P11A8100

Mode: SD play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2220	42.72	9.90	52.62	62.74	-10.12	QP	
2		0.2220	26.21	9.90	36.11	52.74	-16.63	AVG	
3		0.2820	38.73	9.90	48.63	60.76	-12.13	QP	
4		0.2820	29.63	9.90	39.53	50.76	-11.23	AVG	
5		0.5980	35.51	9.93	45.44	56.00	-10.56	QP	
6		0.5980	26.45	9.93	36.38	46.00	-9.62	AVG	
7		0.7220	38.02	9.94	47.96	56.00	-8.04	QP	
8	*	0.7220	29.07	9.94	39.01	46.00	-6.99	AVG	
9		3.6780	38.16	9.99	48.15	56.00	-7.85	QP	
10		3.6780	19.85	9.99	29.84	46.00	-16.16	AVG	
11		27.0860	38.01	10.27	48.28	60.00	-11.72	QP	
12		27.0860	24.50	10.27	34.77	50.00	-15.23	AVG	

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator: CSL

File :TUVData :#1317

Page: 1

Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Wajialong Industry Zone, Nanshan District, Shenzhen, Guangdong 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282

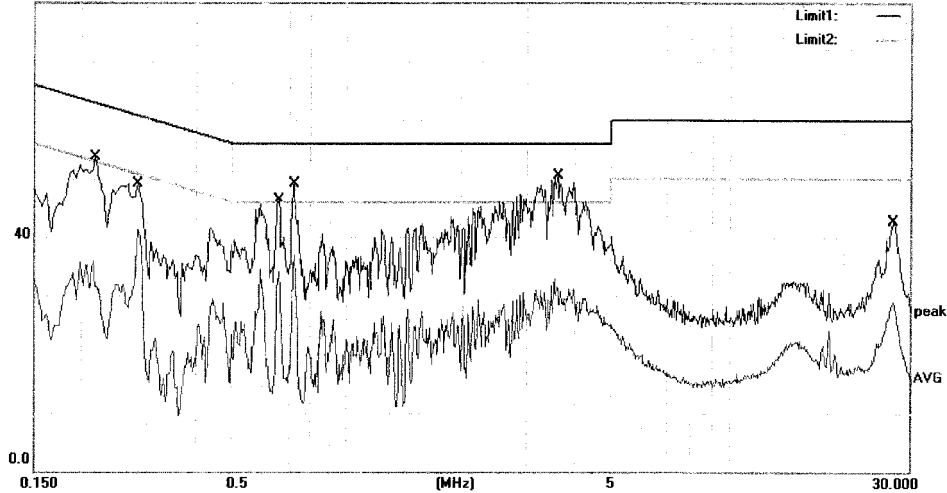

**Conducted Emission Measurement**

File: TUV

Data: #1319

Date: 2017/07/08

80.0 dBuV



Site Conduction #2

Phase: L1

Temperature: 24.9

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 54 %

EUT: Table PC

M/N: NS-P11A8100

Mode: USB 1 play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2180	43.74	9.90	53.64	62.89	-9.25	QP	
2		0.2180	25.97	9.90	35.87	52.89	-17.02	AVG	
3		0.2820	39.22	9.90	49.12	60.76	-11.64	QP	
4		0.2820	31.48	9.90	41.38	50.76	-9.38	AVG	
5		0.6580	36.44	9.94	46.38	56.00	-9.62	QP	
6		0.6580	24.56	9.94	34.50	46.00	-11.50	AVG	
7		0.7220	39.16	9.94	49.10	56.00	-6.90	QP	
8		0.7220	27.01	9.94	36.95	46.00	-9.05	AVG	
9	*	3.6060	40.45	9.99	50.44	56.00	-5.56	QP	
10		3.6060	22.93	9.99	32.92	46.00	-13.08	AVG	
11		27.2300	32.33	10.27	42.60	60.00	-17.40	QP	
12		27.2300	18.62	10.27	28.89	50.00	-21.11	AVG	

\*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: CSL

File: TUV\Data: #1319

Page: 1

Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4283 Fax: +86-755-2695 4282

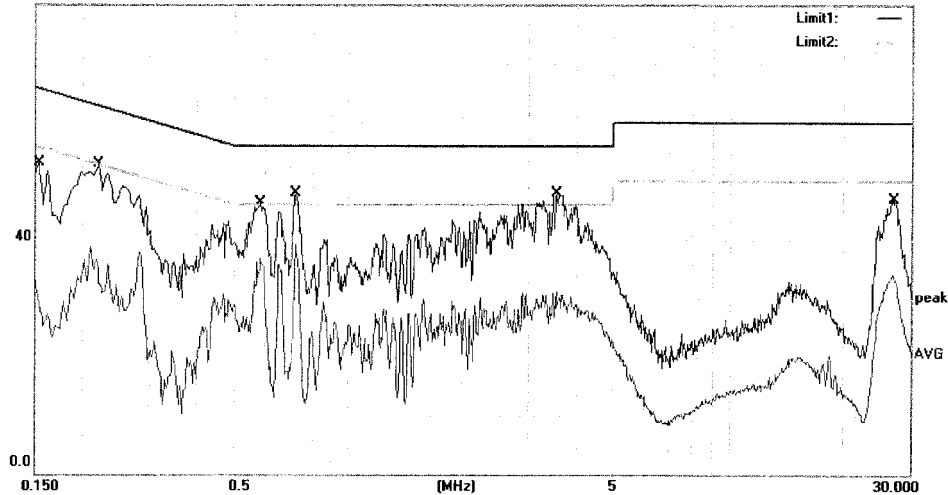

**Conducted Emission Measurement**

File: TUV

Data: #1318

Date: 2017/07/08

80.0 dBuV



Site Conduction #2

Phase: N

Temperature: 24.9

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 54 %

EUT: Table PC

M/N: NS-P11A8100

Mode: USB 1 play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1540	43.28	9.89	53.17	65.78	-12.61	QP	
2		0.1540	23.13	9.89	33.02	55.78	-22.76	AVG	
3		0.2220	42.94	9.90	52.84	62.74	-9.90	QP	
4		0.2220	28.85	9.90	38.75	52.74	-13.99	AVG	
5		0.5860	36.32	9.93	46.25	56.00	-9.75	QP	
6		0.5860	26.81	9.93	36.74	46.00	-9.26	AVG	
7		0.7220	38.06	9.94	48.00	56.00	-8.00	QP	
8	*	0.7220	29.08	9.94	39.02	46.00	-6.98	AVG	
9		3.5380	37.97	9.99	47.96	56.00	-8.04	QP	
10		3.5380	21.06	9.99	31.05	46.00	-14.95	AVG	
11		27.1780	36.71	10.27	46.98	60.00	-13.02	QP	
12		27.1780	23.89	10.27	34.16	50.00	-15.84	AVG	

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator: CSL

File: TUVData #1318

Page: 1

Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Najialong Industry Zone, Nanshan District, Shenzhen, Guangdong 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4283 Fax: +86-755-2695 4282

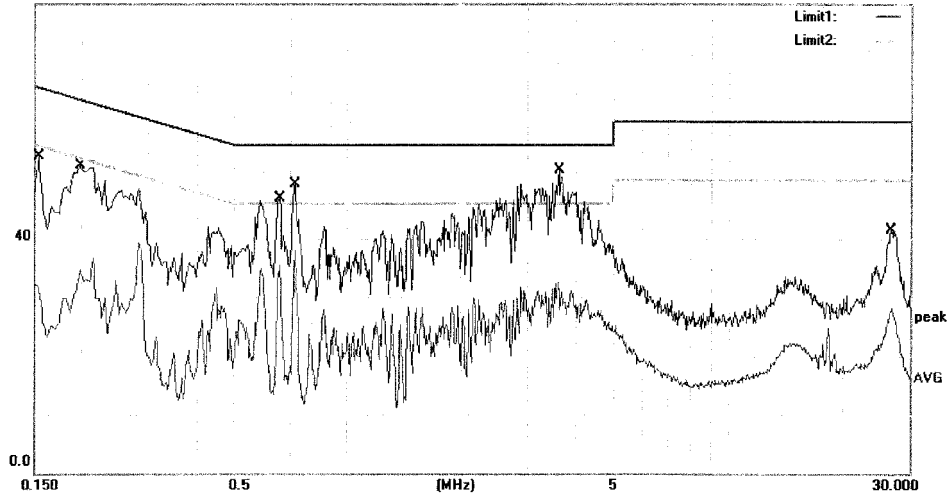

**Conducted Emission Measurement**

File :TUV

Data :#1320

Date: 2017/07/08

80.0 dBuV



Site Conduction #2

Phase: L1

Temperature: 24.9

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 54 %

EUT: Table PC

M/N: NS-P11A8100

Mode: USB 2 play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1540	44.16	9.89	54.05	65.78	-11.73	QP	
2		0.1540	22.48	9.89	32.37	55.78	-23.41	AVG	
3		0.1980	42.52	9.89	52.41	63.69	-11.28	QP	
4		0.1980	26.88	9.89	36.77	53.69	-16.92	AVG	
5		0.6580	36.91	9.94	46.85	56.00	-9.15	QP	
6		0.6580	25.59	9.94	35.53	46.00	-10.47	AVG	
7		0.7220	39.33	9.94	49.27	56.00	-6.73	QP	
8		0.7220	28.00	9.94	37.94	46.00	-8.06	AVG	
9	*	3.6100	41.74	9.99	51.73	56.00	-4.27	QP	
10		3.6100	22.46	9.99	32.45	46.00	-13.55	AVG	
11		26.7740	31.26	10.26	41.52	60.00	-18.48	QP	
12		26.7740	17.75	10.26	28.01	50.00	-21.99	AVG	

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator: CSL

File :TUVData :#1320

Page: 1

Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282

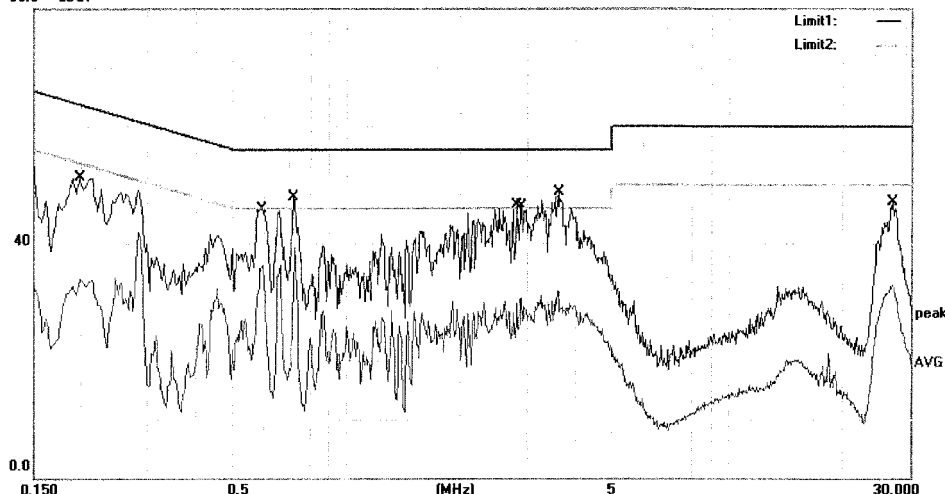

**Conducted Emission Measurement**

File: TUV

Data: #1321

Date: 2017/07/08

80.0 dBuV



Site Conduction #2

Phase: N

Temperature: 24.9

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 54 %

EUT: Table PC

M/N: NS-P11A8100

Mode: USB 2 play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1980	41.32	9.89	51.21	63.69	-12.48	QP	
2		0.1980	32.01	9.89	41.90	53.69	-11.79	AVG	
3		0.5940	36.02	9.93	45.95	56.00	-10.05	QP	
4		0.5940	26.42	9.93	36.35	46.00	-9.65	AVG	
5		0.7180	37.91	9.94	47.85	56.00	-8.15	QP	
6	*	0.7180	29.43	9.94	39.37	46.00	-6.63	AVG	
7		2.8060	36.62	9.98	46.60	56.00	-9.40	QP	
8		2.8860	20.82	9.98	30.80	46.00	-15.20	AVG	
9		3.6100	38.66	9.99	48.65	56.00	-7.35	QP	
10		3.6100	21.93	9.99	31.92	46.00	-14.08	AVG	
11		26.8980	36.81	10.27	47.08	60.00	-12.92	QP	
12		26.8980	22.73	10.27	33.00	50.00	-17.00	AVG	

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator: CSL

File :TUVData :#1321

Page: 1

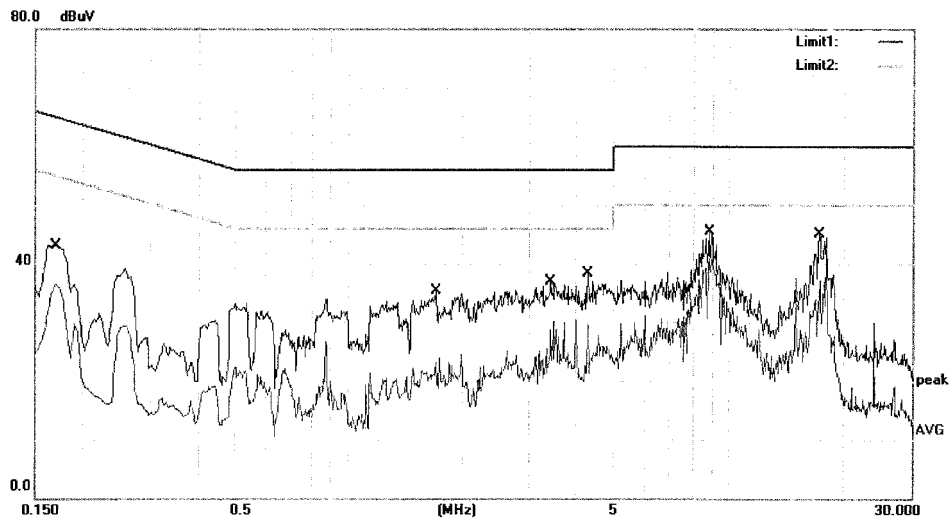
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Wajialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4283 Fax: +86-755-2695 4282


**Conducted Emission Measurement**

File: TUV

Data: #1305

Date: 2017/07/08



Site Conduction #2

 Phase: **L1**

Temperature: 21

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Table PC

M/N: NS-P11A8100

Mode: Connect to pc

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1700	43.09	0.00	43.09	64.96	-21.87	QP	
2		0.1700	36.41	0.00	36.41	54.96	-18.55	AVG	
3		1.7060	35.36	0.00	35.36	56.00	-20.64	QP	
4		1.7060	23.90	0.00	23.90	46.00	-22.10	AVG	
5		3.4060	36.89	0.00	36.89	56.00	-19.11	QP	
6		3.4060	30.04	0.00	30.04	46.00	-15.96	AVG	
7		4.2580	38.22	0.00	38.22	56.00	-17.78	QP	
8		4.2580	29.74	0.00	29.74	46.00	-16.26	AVG	
9		8.8060	45.46	0.00	45.46	60.00	-14.54	QP	
10		8.8060	40.83	0.00	40.83	50.00	-9.17	AVG	
11		17.2780	45.13	0.00	45.13	60.00	-14.87	QP	
12	*	17.2780	42.65	0.00	42.65	50.00	-7.35	AVG	

\*:Maximum data    x:Over limit    !:over margin    Comment: Factor build in receiver.    Operator:

File :TUVData :#1305

Page: 1



Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Manshan District, Shenzhen, Guangdong 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4282 Fax: +86-755-2695 4282

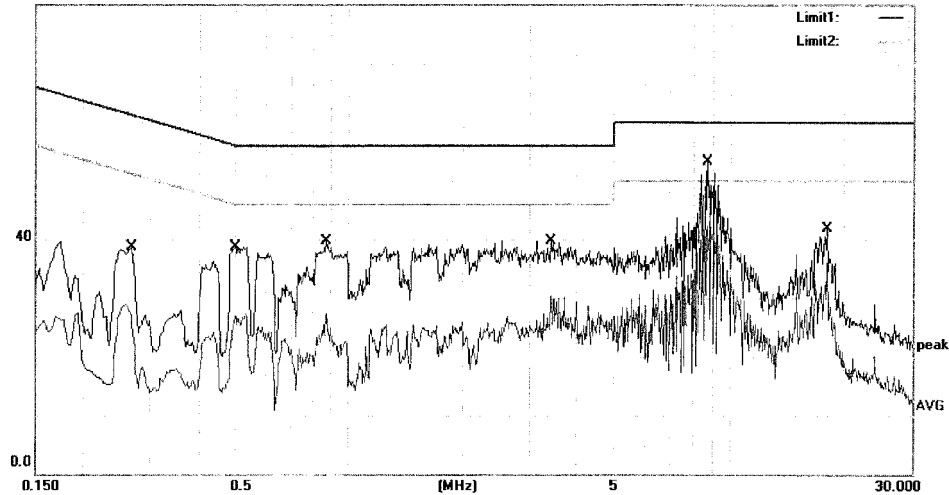

**Conducted Emission Measurement**

File: TUV

Data: #1306

Date: 2017/07/08

80.0 dBuV



Site Conduction #2

Phase: N

Temperature: 21

Limit: (CE)FCC PART 15 class B\_QP

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Table PC

M/N: NS-P11A8100

Mode: Connect to pc

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2660	38.77	0.00	38.77	61.24	-22.47	QP	
2		0.2660	28.82	0.00	28.82	51.24	-22.42	AVG	
3		0.5020	38.78	0.00	38.78	56.00	-17.22	QP	
4		0.5020	27.24	0.00	27.24	46.00	-18.76	AVG	
5		0.8700	39.75	0.00	39.75	56.00	-16.25	QP	
6		0.8700	27.36	0.00	27.36	46.00	-18.64	AVG	
7		3.3860	39.64	0.00	39.64	56.00	-16.36	QP	
8		3.3860	30.34	0.00	30.34	46.00	-15.66	AVG	
9	*	8.6860	53.39	0.00	53.39	60.00	-6.61	QP	
10		8.6860	42.26	0.00	42.26	50.00	-7.74	AVG	
11		17.9860	41.81	0.00	41.81	60.00	-18.19	QP	
12		17.9860	36.18	0.00	36.18	50.00	-13.82	AVG	

\*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator:

File :TUVData :#1306

Page: 1

## 5.2 Emission in the Frequency Range above 30 MHz

### 5.2.1 Radiated Emission

**RESULT:****Pass**

Date of testing	:	2017-07-08
Test standard	:	FCC Part 15.109 (a) ICES-003 Issue 6 January 2016
Test procedure	:	ANSI C63.4: 2014
Frequency range	:	30 - 6000MHz
Equipment Classification	:	Class B
Limits	:	FCC Part 15.109(a) ICES-003 Issue 6 January 2016
Kind of test site	:	3m Semi-Anechoic Chamber

**Test setup**

Input Voltage	:	AC 120V, 60Hz
Operation mode	:	A
Earthing	:	Not connected
Ambient temperature	:	24°C
Relative humidity	:	53%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

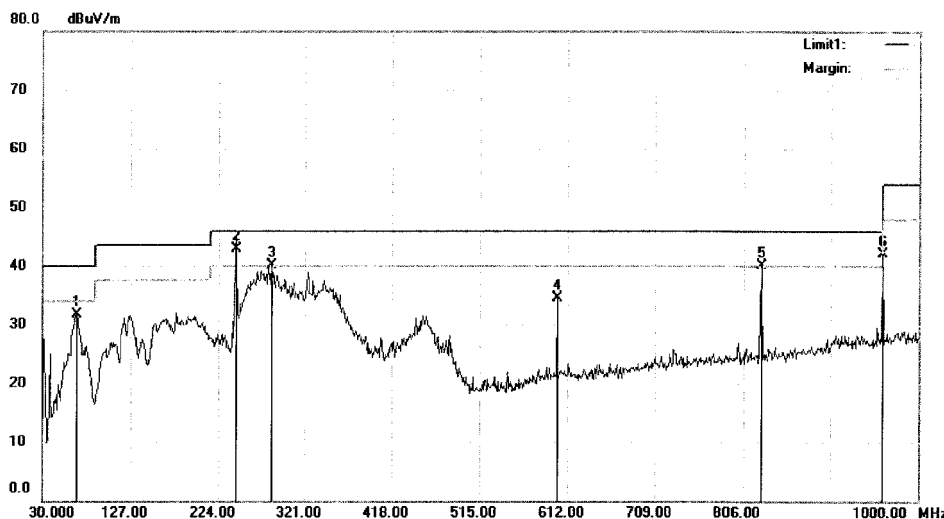
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File: TUV 2017

Data: #519

Date: 17/07/08/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: camera recording(Front)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		67.8300	49.04	-17.42	31.62	40.00	-8.38	QP		
2	*	243.4000	56.86	-13.96	42.90	46.00	-3.10	QP		
3	!	284.1400	53.03	-12.84	40.19	46.00	-5.81	QP		
4		600.3600	39.47	-5.01	34.46	46.00	-11.54	QP		
5	!	825.4000	41.89	-1.81	40.08	46.00	-5.92	QP		
6		960.2300	41.37	0.71	42.08	54.00	-11.92	QP		

\*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV 2017\Data: #519

Page: 1

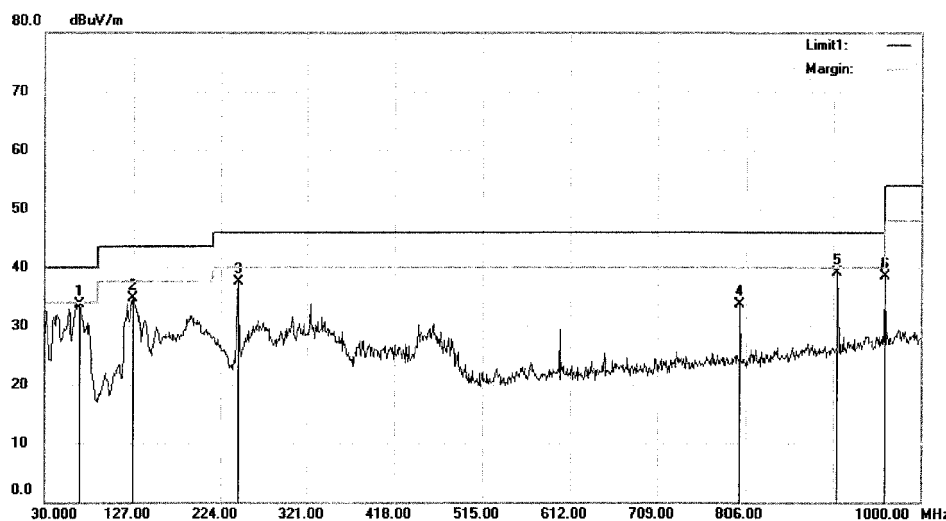
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File: TUV 2017

Data: #518

Date: 17/07/08/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: camera recording(Front)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	67.8300	51.11	-17.42	33.69	40.00	-6.31	QP		
2		126.0300	53.19	-18.50	34.69	43.50	-8.81	QP		
3		243.4000	51.46	-13.96	37.50	46.00	-8.50	QP		
4		799.2100	35.90	-2.13	33.77	46.00	-12.23	QP		
5		907.8500	39.09	-0.08	39.01	46.00	-6.99	QP		
6		960.2300	37.83	0.71	38.54	54.00	-15.46	QP		

\*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data :#518

Page: 1

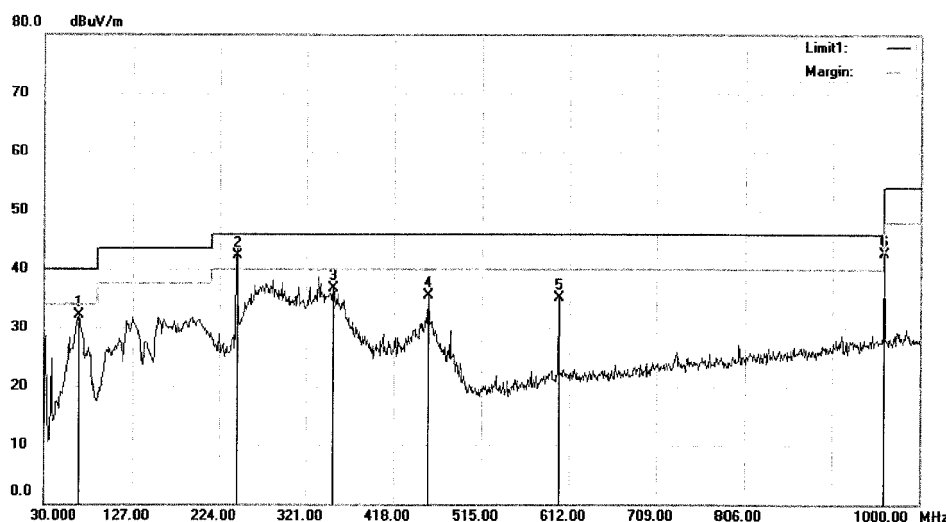
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#516

Date: 17/07/08/



Site: 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: camera recording(Rear)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		67.8300	49.55	-17.42	32.13	40.00	-7.87	QP		
2	*	243.4000	56.26	-13.96	42.30	46.00	-3.70	QP		
3		351.0700	47.21	-10.60	36.61	46.00	-9.39	QP		
4		455.8300	44.08	-8.52	35.56	46.00	-10.44	QP		
5		600.3600	40.05	-5.01	35.04	46.00	-10.96	QP		
6		960.2300	42.06	0.71	42.77	54.00	-11.23	QP		

\*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data :#516

Page: 1

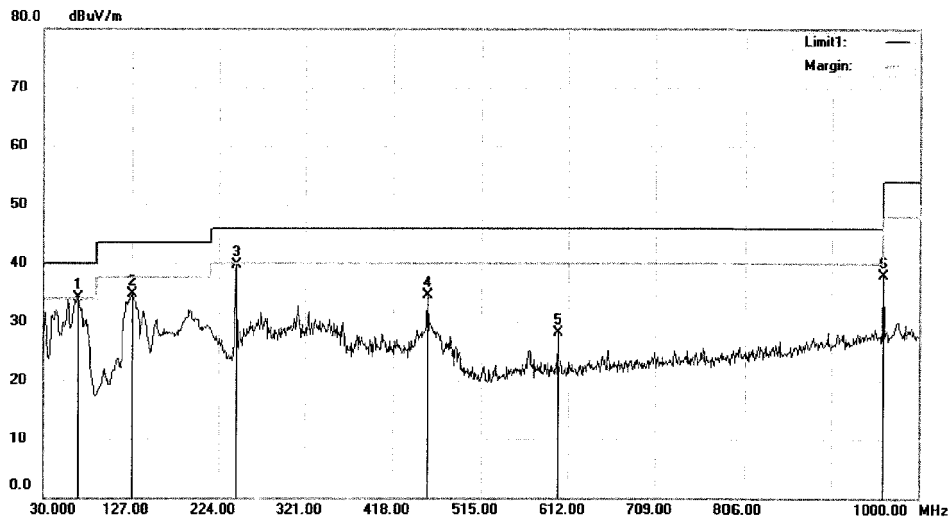
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#517

Date: 17/07/08/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:camera recording(Rear)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	67.8300	51.49	-17.42	34.07	40.00	-5.93	QP		
2		127.9700	53.46	-18.77	34.69	43.50	-8.81	QP		
3		243.4000	53.62	-13.96	39.66	46.00	-6.34	QP		
4		455.8300	42.98	-8.52	34.46	46.00	-11.54	QP		
5		600.3600	33.10	-5.01	28.09	46.00	-17.91	QP		
6		960.2300	37.18	0.71	37.89	54.00	-16.11	QP		

\*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data :#517

Page: 1

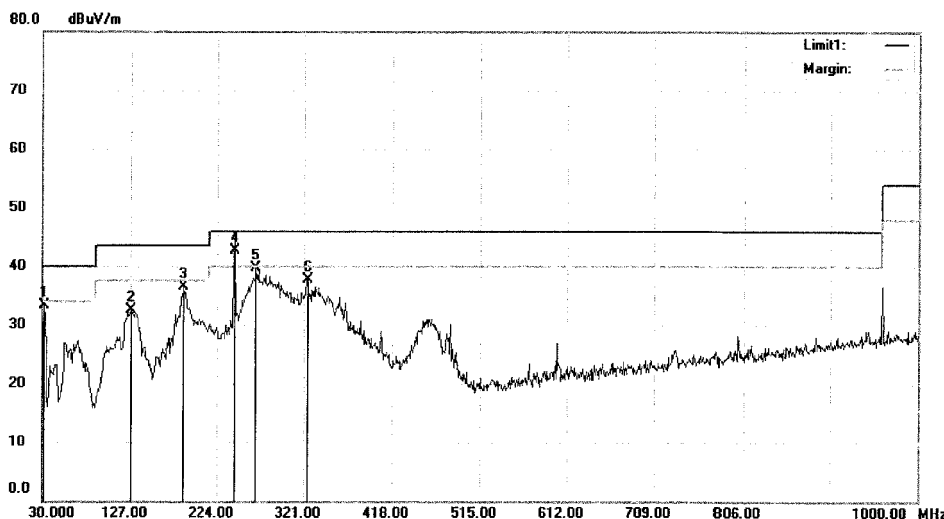
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#526

Date: 17/07/08/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:Video Play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		31.9400	50.22	-16.99	33.23	40.00	-6.77	QP		
2		127.9700	51.30	-18.77	32.53	43.50	-10.97	QP		
3		186.1700	53.11	-16.57	36.54	43.50	-6.96	QP		
4	*	243.4000	56.66	-13.96	42.70	46.00	-3.30	QP		
5		267.6500	53.08	-13.30	39.78	46.00	-6.22	QP		
6		324.8800	49.43	-11.71	37.72	46.00	-8.28	QP		

\*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data :#526

Page: 1

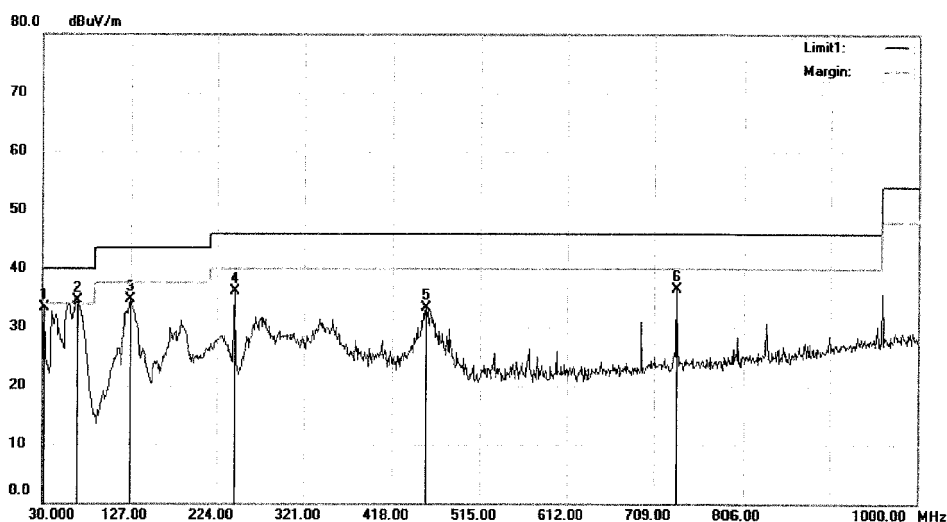
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#527

Date: 17/07/08/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:Video Play

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		31.9400	50.21	-16.99	33.22	40.00	-6.78	QP		
2	*	67.8300	51.84	-17.42	34.42	40.00	-5.58	QP		
3		126.0300	53.22	-18.50	34.72	43.50	-8.78	QP		
4		243.4000	49.98	-13.96	36.02	46.00	-9.98	QP		
5		454.8600	41.91	-8.55	33.36	46.00	-12.64	QP		
6		734.2200	39.46	-2.88	36.58	46.00	-9.42	QP		

\*:Maximum data    x:Over limit    !:over margin

Operator: KK

File :TUV 2017\Data :#527

Page: 1



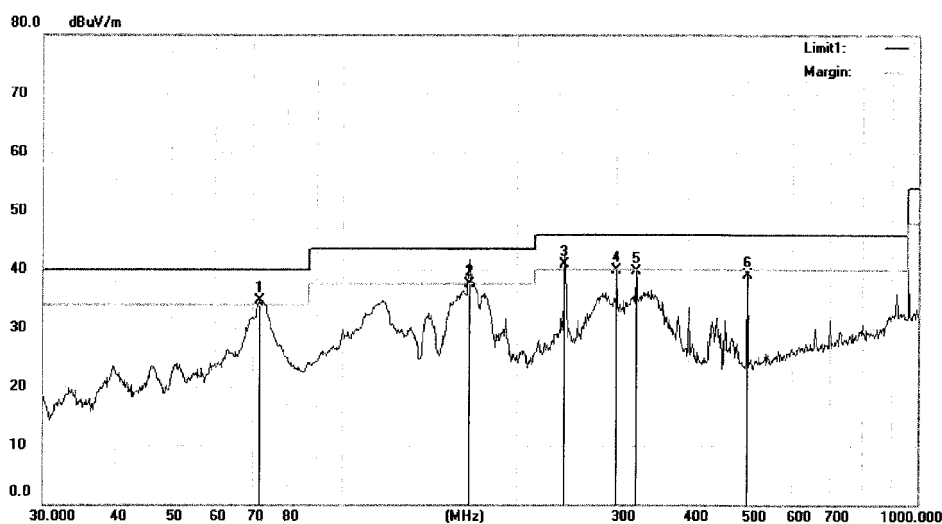
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File : LAIYIN

Data : #124

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: SD Card Play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	!	71.8320	50.67	-15.99	34.68	40.00	-5.32	QP		
2		165.4866	52.70	-15.20	37.50	43.50	-6.00	QP		
3	*	243.3772	51.60	-10.60	41.00	46.00	-5.00	QP		
4		300.3672	48.78	-8.84	39.94	46.00	-6.06	QP		
5		324.4560	48.15	-8.53	39.62	46.00	-6.38	QP		
6		501.1790	44.34	-5.27	39.07	46.00	-6.93	QP		

\*:Maximum data    x:Over limit    !:over margin

Operator: CSL

File : LAIYINData : #124

Page: 1

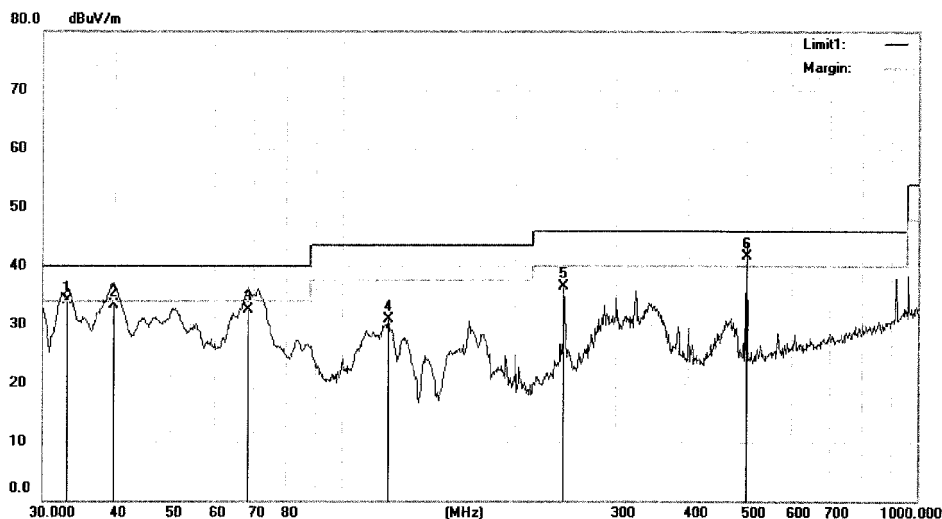
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :LAIYIN

Data :#125

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:SD Card Play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	!	32.9791	48.26	-14.06	34.20	40.00	-5.80	QP		
2		39.8542	45.84	-12.54	33.30	40.00	-6.70	QP		
3		68.3908	47.44	-14.84	32.60	40.00	-7.40	QP		
4		119.8555	45.46	-14.50	30.96	43.50	-12.54	QP		
5		243.3771	47.19	-10.60	36.59	46.00	-9.41	QP		
6	*	501.1790	46.97	-5.27	41.70	46.00	-4.30	QP		

\*:Maximum data x:Over limit !:over margin

Operator: CSL

File :LAIYIN\Data :#125

Page: 1

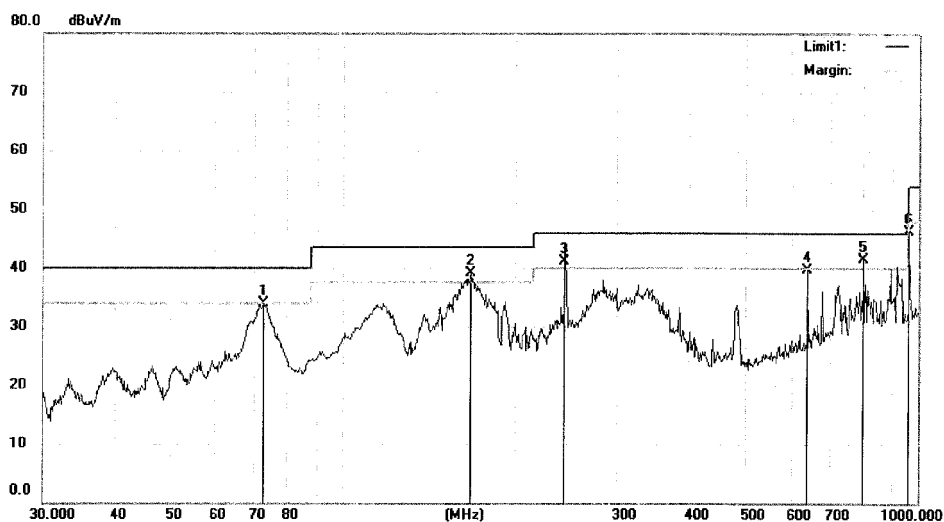
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File : LAIYIN

Data : #126

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: USB Play1

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		72.5916	50.03	-16.22	33.81	40.00	-6.19	QP		
2	*	166.6514	54.24	-15.14	39.10	43.50	-4.40	QP		
3	!	243.3772	51.80	-10.60	41.20	46.00	-4.80	QP		
4		640.6110	42.58	-2.94	39.64	46.00	-6.36	QP		
5	!	801.7862	41.97	-0.52	41.45	46.00	-4.55	QP		
6		962.1622	43.74	2.48	46.22	54.00	-7.78	QP		

\*:Maximum data    x:Over limit    !:over margin

Operator: CSL

File : LAIYIN\Data : #126

Page: 1

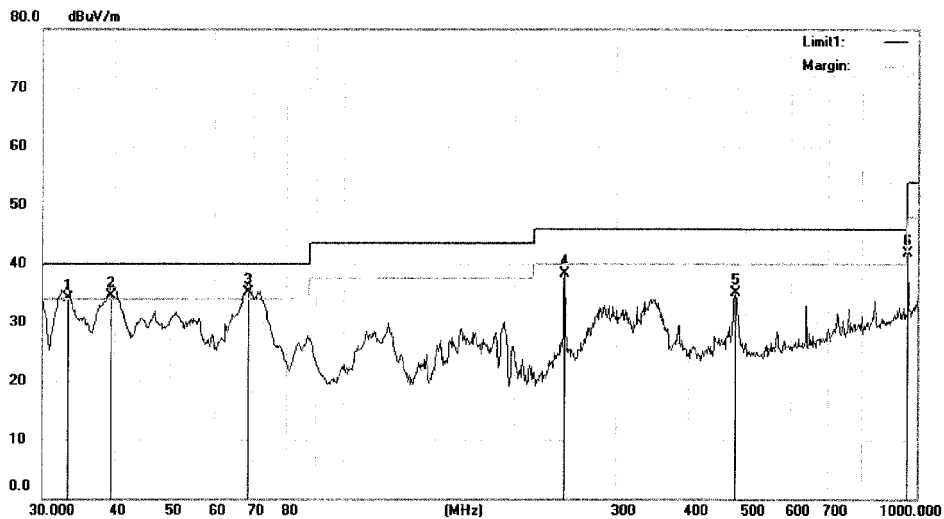
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File : LAIYIN

Data : #127

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: USB Play1

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	!	33.0950	48.20	-14.00	34.20	40.00	-5.80	QP		
2	!	39.4371	47.23	-12.63	34.60	40.00	-5.40	QP		
3	*	68.3908	49.94	-14.84	35.10	40.00	-4.90	QP		
4		244.2321	48.86	-10.59	38.27	46.00	-7.73	QP		
5		480.5276	40.68	-5.62	35.06	46.00	-10.94	QP		
6		962.1623	39.52	2.48	42.00	54.00	-12.00	QP		

\*:Maximum data x:Over limit !:over margin

Operator: CSL

File : LAIYINData : #127

Page: 1

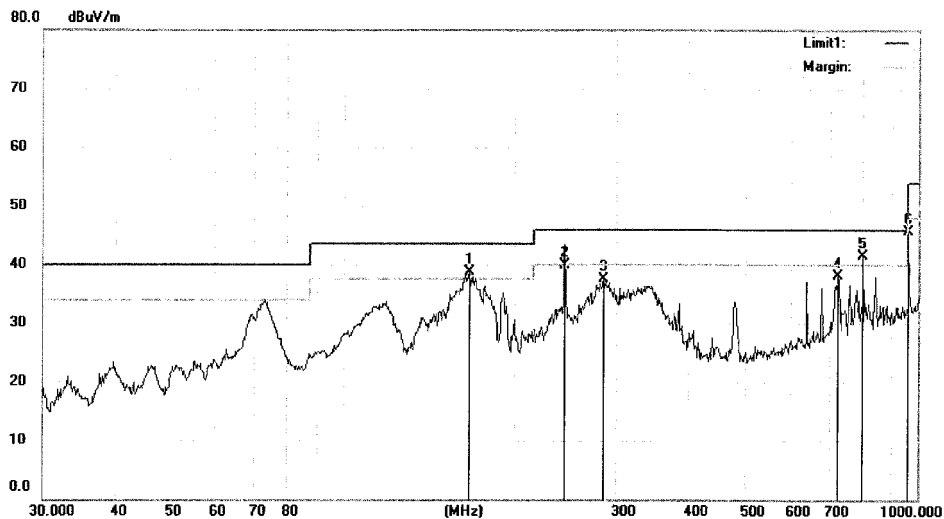
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File : LAIYIN

Data : #129

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: USB Play2

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	!	166.6514	53.84	-15.14	38.70	43.50	-4.80	QP		
2		244.2321	50.49	-10.59	39.90	46.00	-6.10	QP		
3		284.9766	46.78	-9.18	37.60	46.00	-8.40	QP		
4		726.8052	39.74	-1.60	38.14	46.00	-7.86	QP		
5	*	801.7863	42.06	-0.52	41.54	46.00	-4.46	QP		
6		962.1623	43.29	2.48	45.77	54.00	-8.23	QP		

\*:Maximum data x:Over limit !:over margin

Operator: CSL

File : LAIYIN\Data : #129

Page: 1

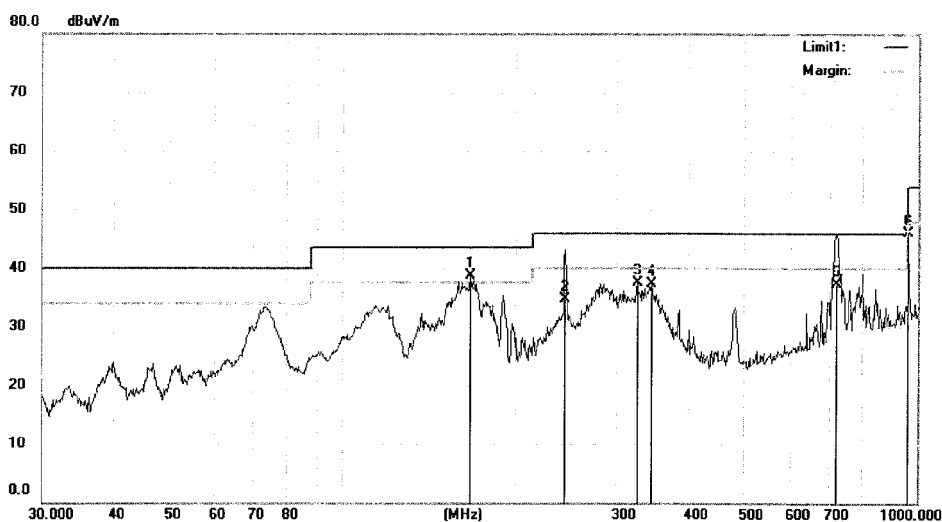
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File : LAIYIN

Data : #130

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: USB Play2

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	167.2368	53.73	-15.11	38.62	43.50	-4.88	QP		
2		244.2321	45.29	-10.59	34.70	46.00	-11.30	QP		
3		325.5957	46.06	-8.49	37.57	46.00	-8.43	QP		
4		345.5951	44.95	-7.62	37.33	46.00	-8.67	QP		
5		721.7260	39.12	-1.72	37.40	46.00	-8.60	QP		
6		962.1623	43.55	2.48	46.03	54.00	-7.97	QP		

\*:Maximum data    x:Over limit    !:over margin

Operator: CSL

File : LAIYINData : #130

Page: 1

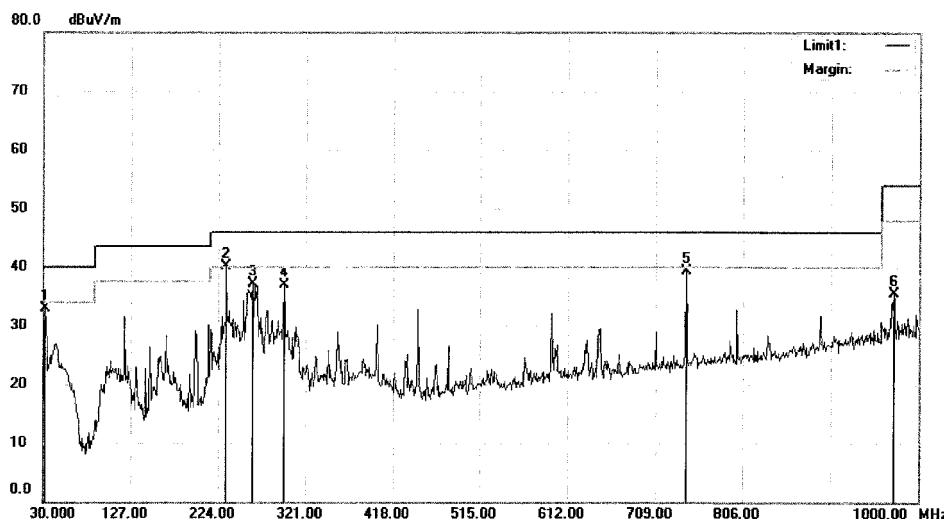
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File: TUV 2017

Data: #529

Date: 17/07/08/



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: Connect to pc

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		31.9400	49.80	-16.99	32.81	40.00	-7.19	QP		
2	*	232.7300	54.29	-14.24	40.05	46.00	-5.95	QP		
3		261.8300	50.54	-13.42	37.12	46.00	-8.88	QP		
4		296.7500	49.15	-12.29	36.86	46.00	-9.14	QP		
5		742.9500	42.03	-2.70	39.33	46.00	-6.67	QP		
6		971.8700	34.50	0.91	35.41	54.00	-18.59	QP		

\*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV 2017\Data: #529

Page: 1

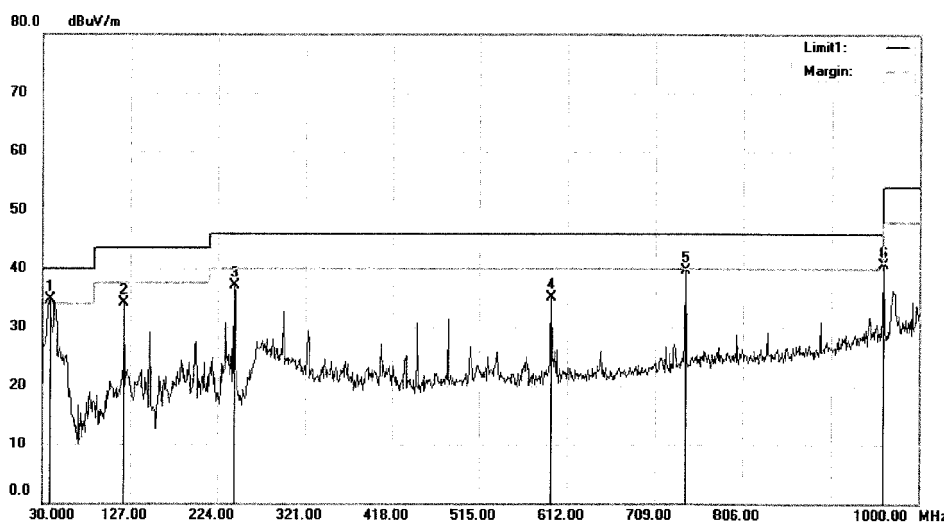
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#528

Date: 17/07/08/



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:Connect to pc

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	37.7600	50.39	-15.73	34.66	40.00	-5.34	QP		
2		120.2100	51.50	-17.45	34.05	43.50	-9.45	QP		
3		242.4300	51.12	-13.94	37.18	46.00	-8.82	QP		
4		594.5400	40.23	-5.21	35.02	46.00	-10.98	QP		
5		742.9500	42.35	-2.70	39.65	46.00	-6.35	QP		
6		960.2300	39.98	0.71	40.69	54.00	-13.31	QP		

\*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017Data :#528

Page: 1



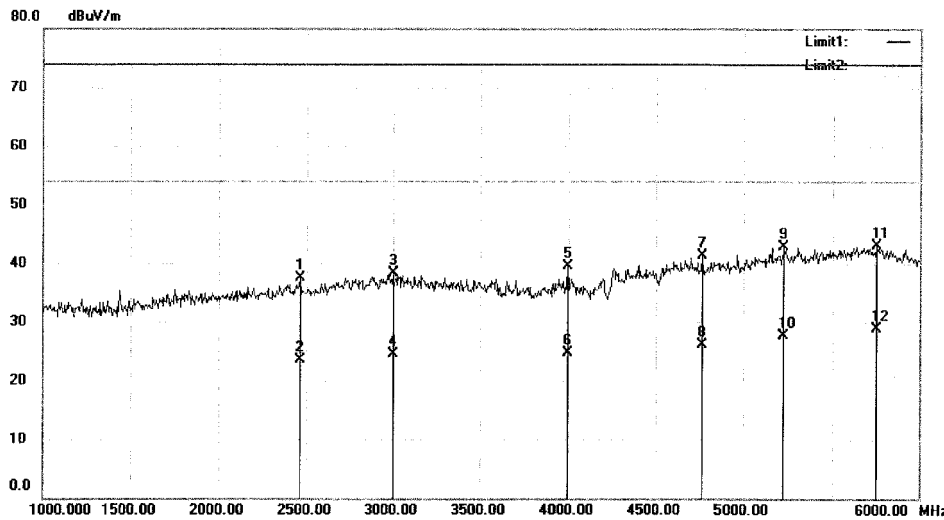
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#348

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:camera recording(Front)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2460.000	51.26	-13.72	37.54	74.00	-36.46	peak		
2		2460.000	37.22	-13.72	23.50	54.00	-30.50	AVG		
3		3000.000	50.13	-11.80	38.33	74.00	-35.67	peak		
4		3000.000	36.40	-11.80	24.60	54.00	-29.40	AVG		
5		3995.000	49.23	-9.63	39.60	74.00	-34.40	peak		
6		3995.000	34.43	-9.63	24.80	54.00	-29.20	AVG		
7		4770.000	48.60	-7.23	41.37	74.00	-32.63	peak		
8		4770.000	33.43	-7.23	26.20	54.00	-27.80	AVG		
9		5225.000	49.00	-6.16	42.84	74.00	-31.16	peak		
10		5225.000	33.96	-6.16	27.80	54.00	-26.20	AVG		
11		5750.000	48.18	-5.08	43.10	74.00	-30.90	peak		
12	*	5750.000	33.98	-5.08	28.90	54.00	-25.10	AVG		

\*:Maximum data x:Over limit !:over margin

Operator: XF

File :TUV 2017\Data :#348

Page: 1

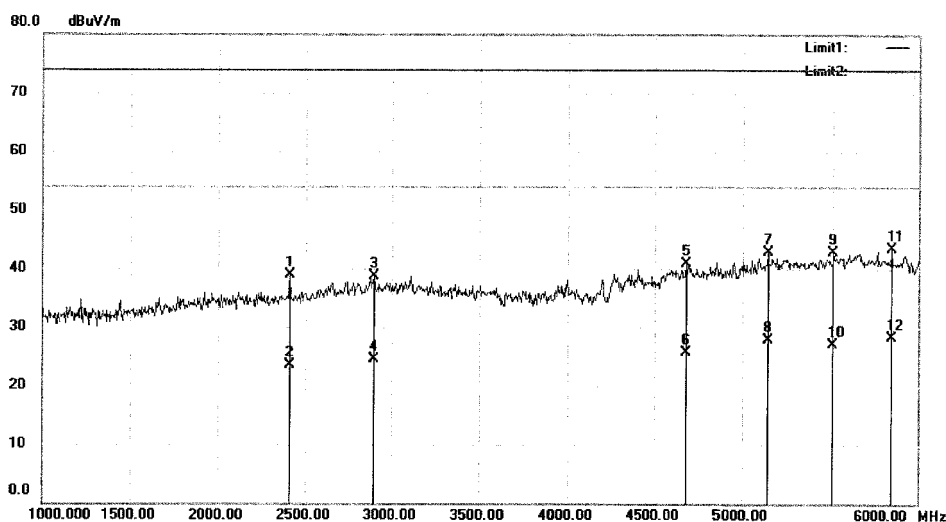
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#347

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: camera recording(Front)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2410.000	52.75	-13.88	38.87	74.00	-35.13	peak		
2		2410.000	37.38	-13.88	23.50	54.00	-30.50	AVG		
3		2895.000	50.92	-12.18	38.74	74.00	-35.26	peak		
4		2895.000	36.78	-12.18	24.60	54.00	-29.40	AVG		
5		4680.000	48.20	-7.35	40.85	74.00	-33.15	peak		
6		4680.000	33.15	-7.35	25.80	54.00	-28.20	AVG		
7		5140.000	49.39	-6.45	42.94	74.00	-31.06	peak		
8		5140.000	34.35	-6.45	27.90	54.00	-26.10	AVG		
9		5505.000	48.05	-5.21	42.84	74.00	-31.16	peak		
10		5505.000	32.31	-5.21	27.10	54.00	-26.90	AVG		
11		5845.000	48.61	-5.04	43.57	74.00	-30.43	peak		
12	*	5845.000	33.44	-5.04	28.40	54.00	-25.60	AVG		

\*:Maximum data x:Over limit !:over margin

Operator: XF

File :TUV 2017Data :#347

Page: 1

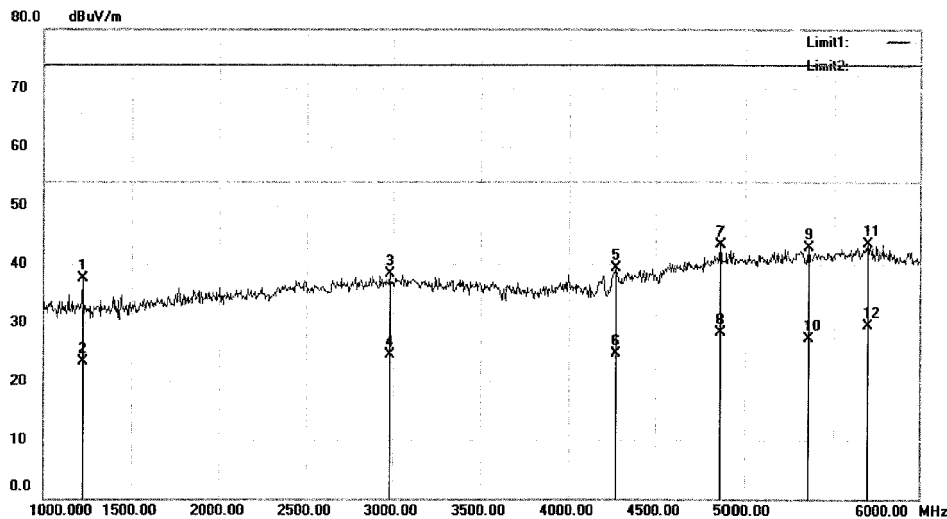
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#346

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:camera recording(Rear)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1220.000	54.18	-16.60	37.58	74.00	-36.42	peak		
2		1220.000	40.00	-16.60	23.40	54.00	-30.60	AVG		
3		2980.000	50.15	-11.87	38.28	74.00	-35.72	peak		
4		2980.000	36.47	-11.87	24.60	54.00	-29.40	AVG		
5		4270.000	47.87	-8.52	39.35	74.00	-34.65	peak		
6		4270.000	33.32	-8.52	24.80	54.00	-29.20	AVG		
7		4875.000	50.43	-7.09	43.34	74.00	-30.66	peak		
8		4875.000	35.39	-7.09	28.30	54.00	-25.70	AVG		
9		5355.000	48.53	-5.71	42.82	74.00	-31.18	peak		
10		5355.000	33.11	-5.71	27.40	54.00	-26.60	AVG		
11		5695.000	48.63	-5.11	43.52	74.00	-30.48	peak		
12	*	5695.000	34.61	-5.11	29.50	54.00	-24.50	AVG		

\*:Maximum data    x:Over limit    !:over margin

Operator: XF

File :TUV 2017\Data :#346

Page: 1

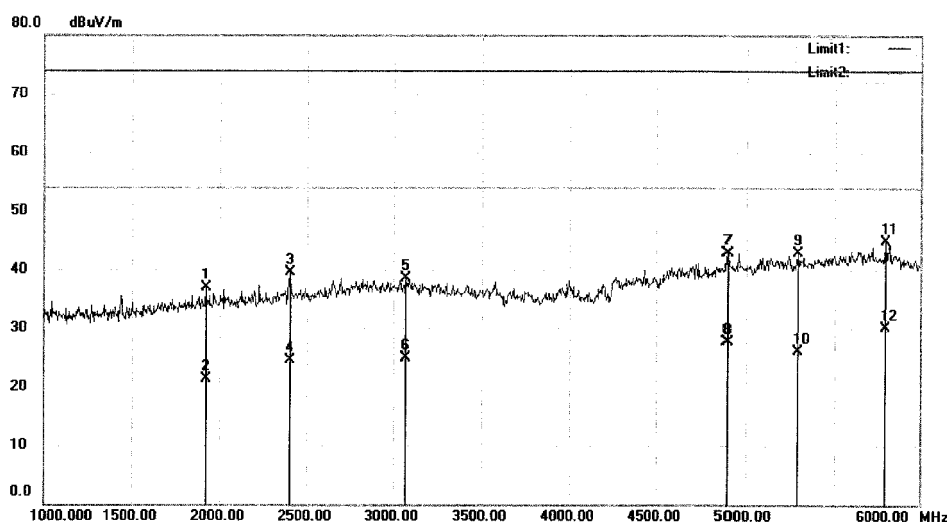
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#345

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:camera recording(Rear)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		1920.000	52.08	-15.27	36.81	74.00	-37.19	peak		
2		1920.000	36.57	-15.27	21.30	54.00	-32.70	AVG		
3		2405.000	53.34	-13.89	39.45	74.00	-34.55	peak		
4		2405.000	38.39	-13.89	24.50	54.00	-29.50	AVG		
5		3070.000	50.31	-11.75	38.56	74.00	-35.44	peak		
6		3070.000	36.65	-11.75	24.90	54.00	-29.10	AVG		
7		4905.000	50.02	-7.05	42.97	74.00	-31.03	peak		
8		4905.000	34.85	-7.05	27.80	54.00	-26.20	AVG		
9		5290.000	48.82	-5.93	42.89	74.00	-31.11	peak		
10		5290.000	32.13	-5.93	26.20	54.00	-27.80	AVG		
11		5795.000	49.90	-5.06	44.84	74.00	-29.16	peak		
12	*	5795.000	35.26	-5.06	30.20	54.00	-23.80	AVG		

\*:Maximum data x:Over limit !:over margin

Operator: XF

File :TUV 2017\Data :#345

Page: 1

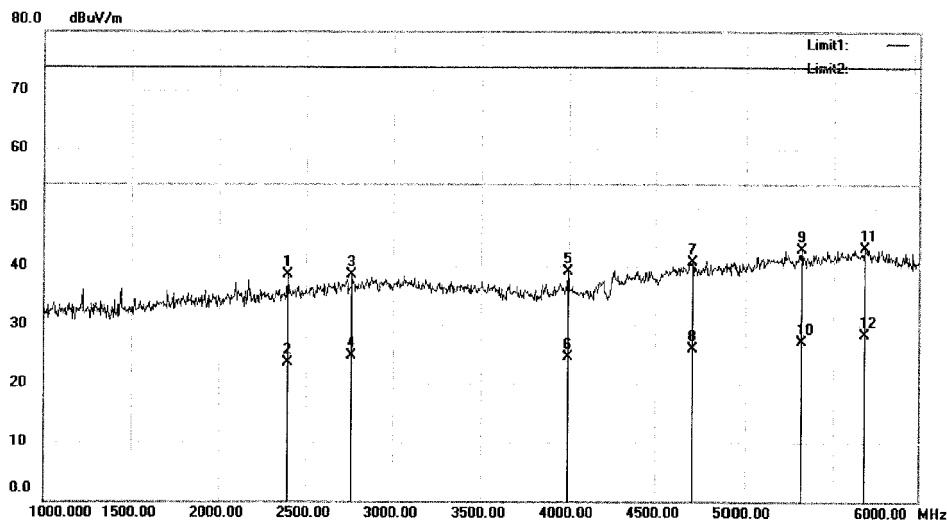
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#344

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:Video Play

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		2395.000	52.42	-13.92	38.50	74.00	-35.50	peak		
2		2395.000	37.42	-13.92	23.50	54.00	-30.50	AVG		
3		2765.000	51.16	-12.63	38.53	74.00	-35.47	peak		
4		2765.000	37.43	-12.63	24.80	54.00	-29.20	AVG		
5		3995.000	48.65	-9.63	39.02	74.00	-34.98	peak		
6		3995.000	34.23	-9.63	24.60	54.00	-29.40	AVG		
7		4715.000	48.01	-7.30	40.71	74.00	-33.29	peak		
8		4715.000	33.20	-7.30	25.90	54.00	-28.10	AVG		
9		5315.000	48.72	-5.85	42.87	74.00	-31.13	peak		
10		5315.000	32.95	-5.85	27.10	54.00	-26.90	AVG		
11		5680.000	48.16	-5.12	43.04	74.00	-30.96	peak		
12	*	5680.000	33.42	-5.12	28.30	54.00	-25.70	AVG		

\*:Maximum data x:Over limit !:over margin

Operator: XF

File :TUV 2017\Data :#344

Page: 1

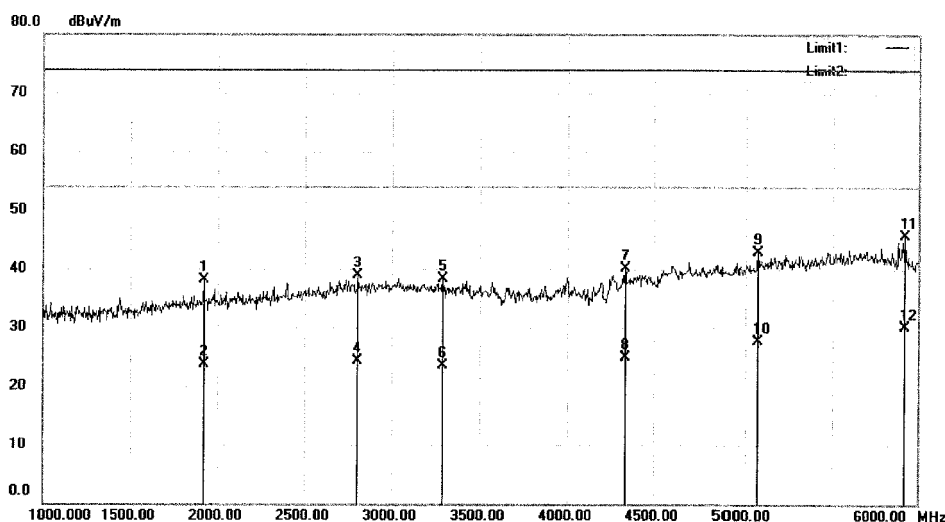
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#343

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:Video Play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1920.000	53.41	-15.27	38.14	74.00	-35.86	peak		
2		1920.000	39.07	-15.27	23.80	54.00	-30.20	AVG		
3		2805.000	51.32	-12.50	38.82	74.00	-35.18	peak		
4		2805.000	36.90	-12.50	24.40	54.00	-29.60	AVG		
5		3290.000	49.84	-11.59	38.25	74.00	-35.75	peak		
6		3290.000	35.19	-11.59	23.60	54.00	-30.40	AVG		
7		4335.000	48.38	-8.25	40.13	74.00	-33.87	peak		
8		4335.000	33.15	-8.25	24.90	54.00	-29.10	AVG		
9		5070.000	49.68	-6.69	42.99	74.00	-31.01	peak		
10		5070.000	34.49	-6.69	27.80	54.00	-26.20	AVG		
11		5920.000	50.69	-5.00	45.69	74.00	-28.31	peak		
12	*	5920.000	35.20	-5.00	30.20	54.00	-23.80	AVG		

\*:Maximum data x:Over limit l:over margin

Operator: XF

File :TUV 2017Data :#343

Page: 1

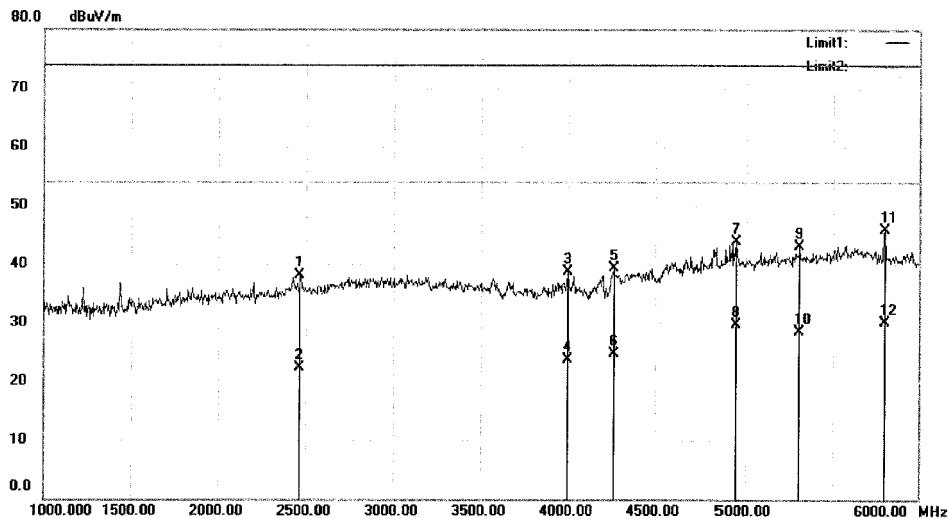
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#352

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:USB Play1

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2465.000	51.84	-13.70	38.14	74.00	-35.86	peak		
2		2465.000	36.10	-13.70	22.40	54.00	-31.60	AVG		
3		3995.000	48.26	-9.63	38.63	74.00	-35.37	peak		
4		3995.000	33.43	-9.63	23.80	54.00	-30.20	AVG		
5		4260.000	47.77	-8.56	39.21	74.00	-34.79	peak		
6		4260.000	33.26	-8.56	24.70	54.00	-29.30	AVG		
7		4945.000	51.00	-7.00	44.00	74.00	-30.00	peak		
8		4945.000	36.80	-7.00	29.80	54.00	-24.20	AVG		
9		5305.000	48.90	-5.88	43.02	74.00	-30.98	peak		
10		5305.000	34.48	-5.88	28.60	54.00	-25.40	AVG		
11		5805.000	51.01	-5.06	45.95	74.00	-28.05	peak		
12	*	5805.000	35.26	-5.06	30.20	54.00	-23.80	AVG		

\*:Maximum data    x:Over limit    !:over margin

Operator: XF

File :TUV 2017Data :#352

Page: 1

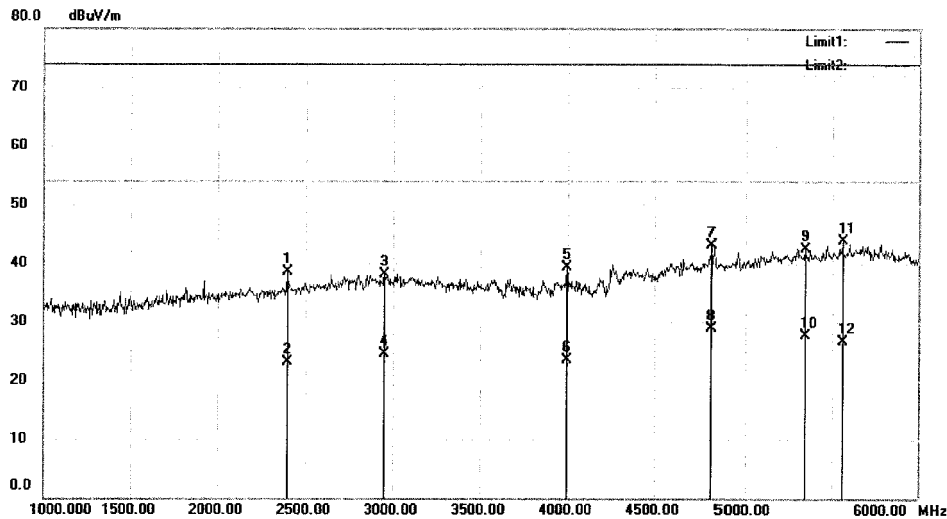
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#351

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:USB Play1

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2395.000	52.37	-13.92	38.45	74.00	-35.55	peak		
2		2395.000	37.12	-13.92	23.20	54.00	-30.80	AVG		
3		2950.000	50.05	-11.98	38.07	74.00	-35.93	peak		
4		2950.000	36.48	-11.98	24.50	54.00	-29.50	AVG		
5		3995.000	48.85	-9.63	39.22	74.00	-34.78	peak		
6		3995.000	33.23	-9.63	23.60	54.00	-30.40	AVG		
7		4825.000	50.31	-7.16	43.15	74.00	-30.85	peak		
8	*	4825.000	36.06	-7.16	28.90	54.00	-25.10	AVG		
9		5340.000	48.25	-5.76	42.49	74.00	-31.51	peak		
10		5340.000	33.56	-5.76	27.80	54.00	-26.20	AVG		
11		5560.000	49.06	-5.17	43.89	74.00	-30.11	peak		
12		5560.000	31.97	-5.17	26.80	54.00	-27.20	AVG		

\*:Maximum data x:Over limit !:over margin

Operator: XF

File :TUV 2017\Data :#351

Page: 1



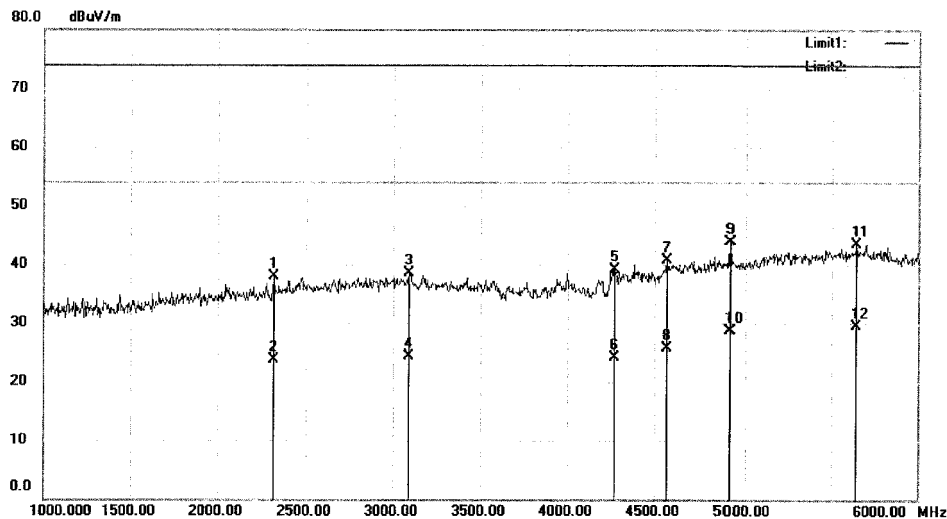
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#350

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:SD Card Play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2315.000	52.01	-14.17	37.84	74.00	-36.16	peak		
2		2315.000	37.97	-14.17	23.80	54.00	-30.20	AVG		
3		3090.000	50.24	-11.74	38.50	74.00	-35.50	peak		
4		3090.000	36.14	-11.74	24.40	54.00	-29.60	AVG		
5		4270.000	47.67	-8.52	39.15	74.00	-34.85	peak		
6		4270.000	32.62	-8.52	24.10	54.00	-29.90	AVG		
7		4570.000	48.17	-7.49	40.68	74.00	-33.32	peak		
8		4570.000	33.19	-7.49	25.70	54.00	-28.30	AVG		
9		4915.000	50.89	-7.04	43.85	74.00	-30.15	peak		
10		4915.000	35.84	-7.04	28.80	54.00	-25.20	AVG		
11		5645.000	48.68	-5.14	43.54	74.00	-30.46	peak		
12	*	5645.000	34.74	-5.14	29.60	54.00	-24.40	AVG		

\*:Maximum data x:Over limit !:over margin

Operator: XF

File :TUV 2017Data :#350

Page: 1

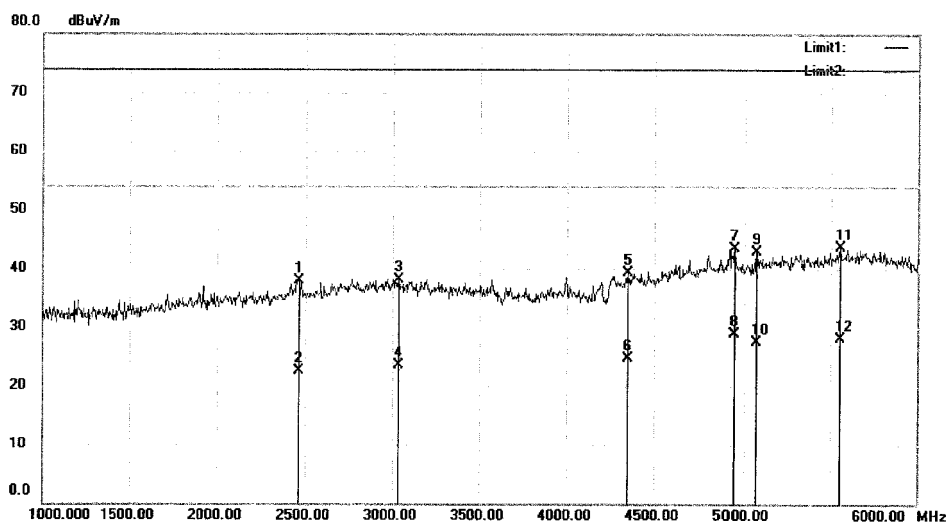
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#349

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:SD Card Play

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2460.000	51.67	-13.72	37.95	74.00	-36.05	peak		
2		2460.000	36.22	-13.72	22.50	54.00	-31.50	AVG		
3		3035.000	49.96	-11.78	38.18	74.00	-35.82	peak		
4		3035.000	35.38	-11.78	23.60	54.00	-30.40	AVG		
5		4350.000	47.58	-8.19	39.39	74.00	-34.61	peak		
6		4350.000	32.99	-8.19	24.80	54.00	-29.20	AVG		
7		4945.000	50.42	-7.00	43.42	74.00	-30.58	peak		
8	*	4945.000	35.90	-7.00	28.90	54.00	-25.10	AVG		
9		5070.000	49.53	-6.69	42.84	74.00	-31.16	peak		
10		5070.000	34.29	-6.69	27.60	54.00	-26.40	AVG		
11		5555.000	48.97	-5.18	43.79	74.00	-30.21	peak		
12		5555.000	33.28	-5.18	28.10	54.00	-25.90	AVG		

\*:Maximum data x:Over limit !:over margin

Operator: XF

File :TUV 2017\Data :#349

Page: 1

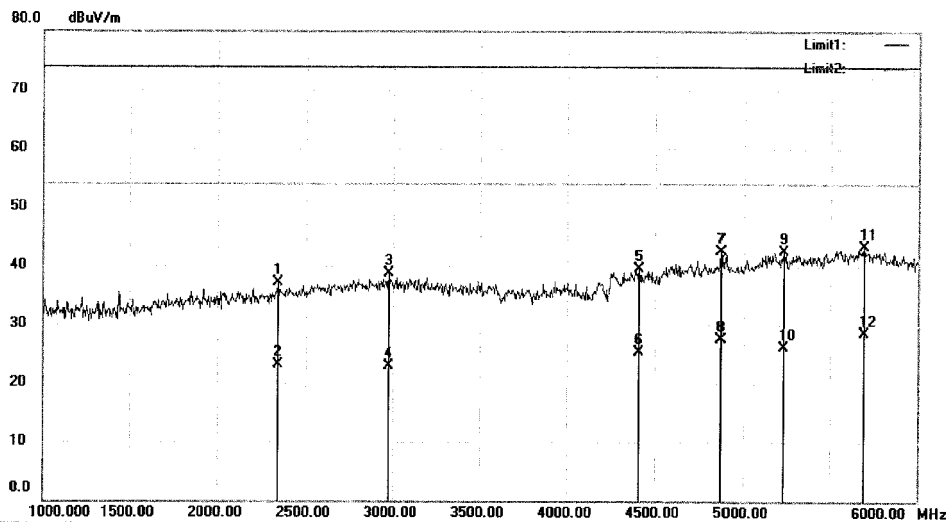
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#354

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: USB Play2

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2345.000	51.14	-14.07	37.07	74.00	-36.93	peak		
2		2345.000	37.17	-14.07	23.10	54.00	-30.90	AVG		
3		2975.000	50.49	-11.88	38.61	74.00	-35.39	peak		
4		2975.000	34.77	-11.88	22.89	54.00	-31.11	AVG		
5		4410.000	47.40	-7.95	39.45	74.00	-34.55	peak		
6		4410.000	33.35	-7.95	25.40	54.00	-28.60	AVG		
7		4875.000	49.51	-7.09	42.42	74.00	-31.58	peak		
8		4875.000	34.69	-7.09	27.60	54.00	-26.40	AVG		
9		5230.000	48.54	-6.13	42.41	74.00	-31.59	peak		
10		5230.000	32.23	-6.13	26.10	54.00	-27.90	AVG		
11		5695.000	48.37	-5.11	43.26	74.00	-30.74	peak		
12	*	5695.000	33.61	-5.11	28.50	54.00	-25.50	AVG		

\*:Maximum data x:Over limit !:over margin

Operator: XF

File :TUV 2017\Data :#354

Page: 1

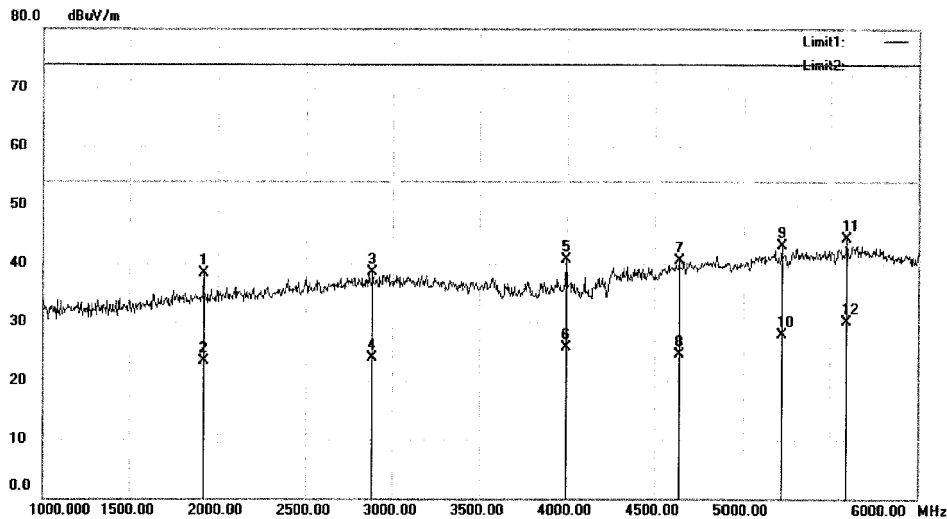
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#353

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:USB Play2

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1920.000	53.63	-15.27	38.36	74.00	-35.64	peak		
2		1920.000	38.57	-15.27	23.30	54.00	-30.70	AVG		
3		2885.000	50.81	-12.21	38.60	74.00	-35.40	peak		
4		2885.000	36.11	-12.21	23.90	54.00	-30.10	AVG		
5		3995.000	50.39	-9.63	40.76	74.00	-33.24	peak		
6		3995.000	35.33	-9.63	25.70	54.00	-28.30	AVG		
7		4640.000	47.91	-7.41	40.50	74.00	-33.50	peak		
8		4640.000	32.01	-7.41	24.60	54.00	-29.40	AVG		
9		5220.000	49.34	-6.17	43.17	74.00	-30.83	peak		
10		5220.000	34.07	-6.17	27.90	54.00	-26.10	AVG		
11		5595.000	49.47	-5.16	44.31	74.00	-29.69	peak		
12	*	5595.000	35.36	-5.16	30.20	54.00	-23.80	AVG		

\*:Maximum data x:Over limit !:over margin

Operator: XF

File :TUV 2017\Data :#353

Page: 1

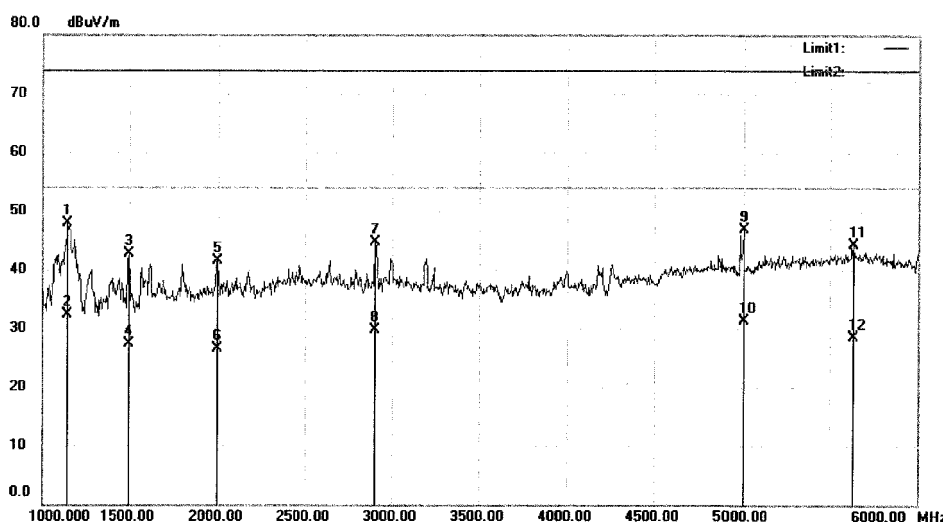
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#341

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:Connect to pc

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1145.000	64.68	-16.81	47.87	74.00	-26.13	peak		
2	*	1145.000	49.11	-16.81	32.30	54.00	-21.70	AVG		
3		1495.000	58.52	-15.82	42.70	74.00	-31.30	peak		
4		1495.000	43.22	-15.82	27.40	54.00	-26.60	AVG		
5		1995.000	56.66	-15.18	41.48	74.00	-32.52	peak		
6		1995.000	41.68	-15.18	26.50	54.00	-27.50	AVG		
7		2900.000	56.90	-12.16	44.74	74.00	-29.26	peak		
8		2900.000	41.96	-12.16	29.80	54.00	-24.20	AVG		
9		5000.000	53.74	-6.93	46.81	74.00	-27.19	peak		
10		5000.000	38.33	-6.93	31.40	54.00	-22.60	AVG		
11		5635.000	49.50	-5.14	44.36	74.00	-29.64	peak		
12		5635.000	33.74	-5.14	28.60	54.00	-25.40	AVG		

\*:Maximum data x:Over limit !:over margin

Operator: XF

File :TUV 2017Data :#341

Page: 1

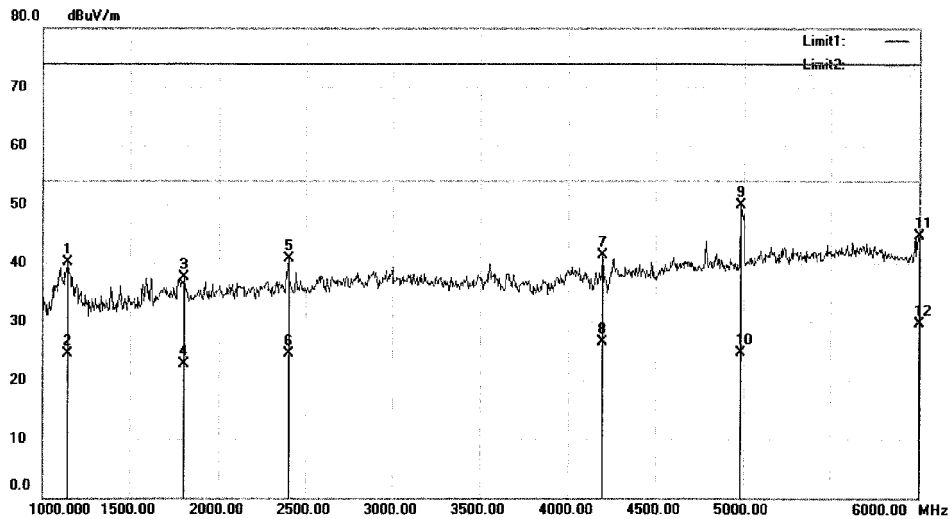
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV 2017

Data :#342

Date: 17/07/08/



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: ( RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:Connect to pc

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		1145.000	56.86	-16.81	40.05	74.00	-33.95	peak		
2		1145.000	41.41	-16.81	24.60	54.00	-29.40	AVG		
3		1805.000	52.89	-15.43	37.46	74.00	-36.54	peak		
4		1805.000	38.13	-15.43	22.70	54.00	-31.30	AVG		
5		2400.000	54.68	-13.90	40.78	74.00	-33.22	peak		
6		2400.000	38.50	-13.90	24.60	54.00	-29.40	AVG		
7		4195.000	50.08	-8.82	41.26	74.00	-32.74	peak		
8		4195.000	35.32	-8.82	26.50	54.00	-27.50	AVG		
9	*	4980.000	56.95	-6.96	49.99	74.00	-24.01	peak		
10		4980.000	31.76	-6.96	24.80	54.00	-29.20	AVG		
11		6000.000	49.73	-4.96	44.77	74.00	-29.23	peak		
12		6000.000	34.66	-4.96	29.70	54.00	-24.30	AVG		

\*:Maximum data x:Over limit !:over margin

Operator: XF

File :TUV 2017\Data :#342

Page: 1

## 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 .....	55
Photograph 2: Set-up for Radiated Emission .....	55