

<b>Prüfbericht-Nr.:</b> <i>Test Report No.:</i>	<b>50055364 005</b>	<b>Auftrags-Nr.:</b> <i>Order No.:</i>	<b>164069058</b>	<b>Seite 1 von 63</b> <i>Page 1 of 63</i>
<b>Kunden-Referenz-Nr.:</b> <i>Client Reference No.:</i>	<b>N/A</b>	<b>Auftragsdatum:</b> <i>Order date:</i>	<b>14.07.2016</b>	
<b>Auftraggeber:</b> <i>Client:</i>	<b>ContextMedia LLC</b> 330 N. Wabash Ave STE 2500, Chicago, Illinois United States			
<b>Prüfgegenstand:</b> <i>Test item:</i>	<b>Wallboard 32" Tablet</b>			
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type No.:</i>	<b>P-WAL-106-YIT-01, P-WAL-106-YIT-02, P-WAL-106-YIT-03</b> (ContextMedia Health)			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	<b>FCC/IC Certification/Verification</b>			
<b>Prüfgrundlage:</b> <i>Test specification:</i>	<b>CFR47 FCC Part 15: Subpart B Section 15.107</b> <b>CFR47 FCC Part 15: Subpart B Section 15.109</b> <b>ICES-003 Issue 6 January 2016</b>			
<b>Wareneingangsdatum:</b> <i>Date of receipt:</i>	<b>25.07.2016</b>			
<b>Prüfmuster-Nr.:</b> <i>Test sample No.:</i>	<b>A000395273-003</b>			
<b>Prüfzeitraum:</b> <i>Testing period:</i>	<b>02.08.2016 - 13.08.2016</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>		
18.09.2016 Andy Yan/Project Manager		18.09.2016 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>Sonstiges / Other:</b>		<b>FCC ID: 2AI6X-PWALYIT</b> <b>IC: 21722-PWALYIT</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.: 50055364 005**  
*Test Report No.*

**Seite 2 von 63**  
*Page 2 of 63*

## 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>28</b>
5.2.1	<i>Radiated Emission .....</i>	<i>28</i>
<b>6.</b>	<b>PHOTOGRAPHS OF THE TEST SET-UP.....</b>	<b>61</b>
<b>7.</b>	<b>LIST OF TABLES .....</b>	<b>63</b>
<b>8.</b>	<b>LIST OF PHOTOGRAPHS .....</b>	<b>63</b>

**Prüfbericht - Nr.: 50055364 005**  
*Test Report No.***Seite 4 von 63**  
*Page 4 of 63*

## 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	ESU	1302.6005.26	2017-05-16
Loop Antenna	Schwarzbeck	FMZB 1519	1519-012	2017-05-16
Cable	H+B	3M SF104-26.5	295838/4	2017-05-28
Cable	H+B	6M SF104-26.5	295840/4	2017-05-28
Pre-Amplifier	HP	8447F	2944A07999	2017-05-16
Bilog Antenna	Schwarzbeck	VULB9163	142	2017-05-28
Cable	Schwarzbeck	AK9513	ACRX1	2017-05-16
Cable	Rosenberger	N/A	FP2RX2	2017-05-16
Cable	Schwarzbeck	AK9513	CRPX1	2017-05-28
Cable	Schwarzbeck	AK9513	CRRX2	2017-05-28
Pre-Amplifier	A.H.	PAM-0126	1415261	2017-05-16
Horn Antenna	Schwarzbeck	BBHA 9120	707	2017-05-28
Pre-Amplifier	A.H.	PAM-0126	1415261	2017-05-16
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA91703 99	2017-05-16
EMI Test Receiver	Rohde & Schwarz	FSV40	132.1- 3008K39- 100967-AP	2017-05-16
Pre-Amplifier	Lunar EM	LNA26G40-40	J101313102 8001	2017-05-16
Horn Antenna	AHS/USA	SAS-573	184	2017-05-16
Cable	H+B	0.5M SF104- 26.5	289147/4	2017-05-16
Cable	H+B	3M SF104-26.5	295838/4	2017-05-16
Cable	H+B	6M SF104-26.5	295840/4	2017-05-16
<b>Conducted Emission</b>				
Test Receiver	Rohde & Schwarz	ESCS30	828985/018	2017-05-16
L.I.S.N.	Schwarzbeck	NNLK8129	8129203	2017-05-16
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	2017-05-16
Voltage Probe	Rohde & Schwarz	TK9416	N/A	2017-05-16
I.S.N	Rohde & Schwarz	ENY22	1109.9508.02	2017-05-16
50Ω Coaxial Switch	Anritsu	MP59B	M20531	2017-05-16

## 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

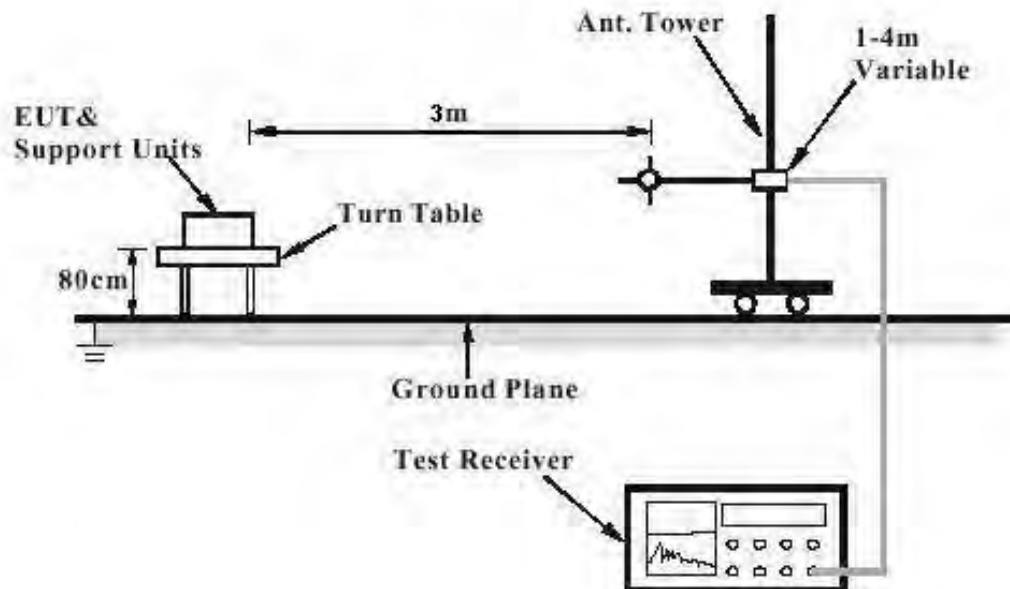
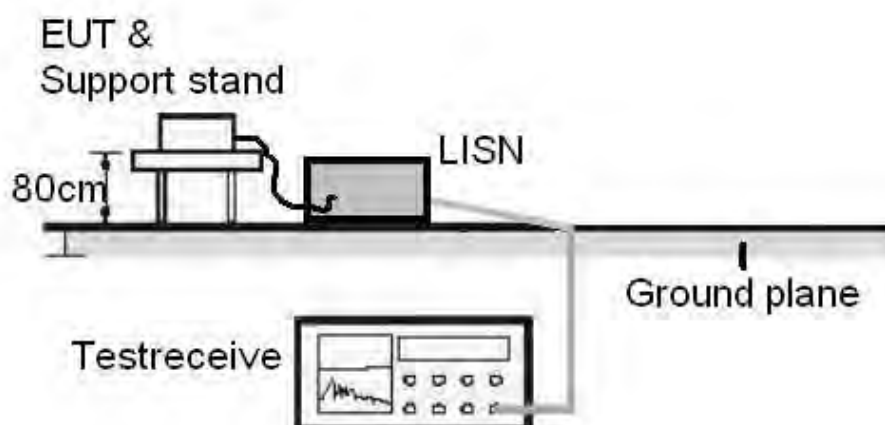


Diagram of Measurement Equipment Configuration for Conduction Measurement



### 3. General Product Information

#### 3.1 Product Function and Intended Use

The EUTs are wallboard 32" tablet with Wi-Fi, Bluetooth function.  
All models are identical except the model name.  
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	Wallboard 32" Tablet
Type Designation	P-WAL-106-YIT-01, P-WAL-106-YIT-02, P-WAL-106-YIT-03
FCC ID	2AI6X-PWALYIT
IC	21722-PWALYIT
Extreme Temperature Range	0~+40°C
Operation Voltage	DC 12V (via AC/DC adapter)

#### 3.3 Independent Operation Modes

The basic operation modes are:

- A. On
  - 1. Playing mode
  - 2. Transferring data
  - 3. LAN port 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: 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	FUJIA	FJ-SW1205000	Input: AC 100-240V, 50/60Hz, 1.5A Output: DC 12.0V, 5.0A

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
DC input port	2 cores, non-shielded port, 1m	DC Power Input
USB port	4 cores, non-shielded port, 3m	Signal Input
LAN port	8 cores, non-shielded port, 3m	Signal Input
SD 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	:	2016-08-13
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	:	22°C
Relative humidity	:	55%
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

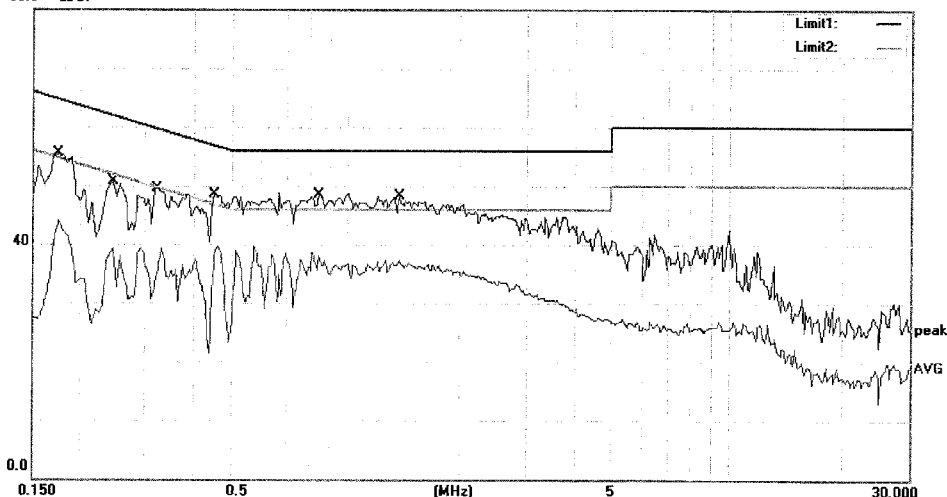

**Conducted Emission Measurement**

File: TUV-RH

Data: #271

Date: 16/08/13/

80.0 dBuV



Site Conduction #1

Phase: L1

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: memory playing

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1750	55.42	0.00	55.42	64.72	-9.30	QP	
2		0.1750	44.16	0.00	44.16	54.72	-10.56	AVG	
3		0.2450	50.65	0.00	50.65	61.92	-11.27	QP	
4		0.2450	39.33	0.00	39.33	51.92	-12.59	AVG	
5		0.3200	49.54	0.00	49.54	59.71	-10.17	QP	
6		0.3200	39.24	0.00	39.24	49.71	-10.47	AVG	
7		0.4550	48.48	0.00	48.48	56.78	-8.30	QP	
8	*	0.4550	39.63	0.00	39.63	46.78	-7.15	AVG	
9		0.8450	48.44	0.00	48.44	56.00	-7.56	QP	
10		0.8450	38.41	0.00	38.41	46.00	-7.59	AVG	
11		1.3850	48.40	0.00	48.40	56.00	-7.60	QP	
12		1.3850	37.25	0.00	37.25	46.00	-8.75	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File: TUV-RHData: #271

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

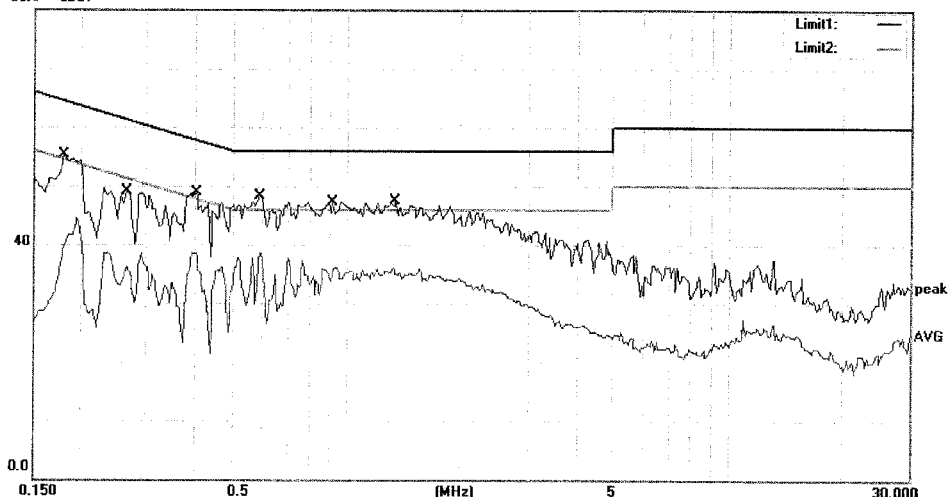

**Conducted Emission Measurement**

File: TUV-RH

Data #270

Date: 16/08/13/

00.0 dBuV



Site Conduction #1

 Phase: **N**

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: memory playing

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1800	55.34	0.00	55.34	64.49	-9.15	QP	
2		0.1800	44.53	0.00	44.53	54.49	-9.96	AVG	
3		0.2650	49.07	0.00	49.07	61.27	-12.20	QP	
4		0.2650	38.51	0.00	38.51	51.27	-12.76	AVG	
5		0.4050	48.87	0.00	48.87	57.75	-8.88	QP	
6		0.4050	38.60	0.00	38.60	47.75	-9.15	AVG	
7		0.5900	48.40	0.00	48.40	56.00	-7.60	QP	
8	*	0.5900	38.77	0.00	38.77	46.00	-7.23	AVG	
9		0.9100	47.35	0.00	47.35	56.00	-8.65	QP	
10		0.9100	36.08	0.00	36.08	46.00	-9.92	AVG	
11		1.3400	47.44	0.00	47.44	56.00	-8.56	QP	
12		1.3400	36.05	0.00	36.05	46.00	-9.95	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File :TUV-RHData :#270

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

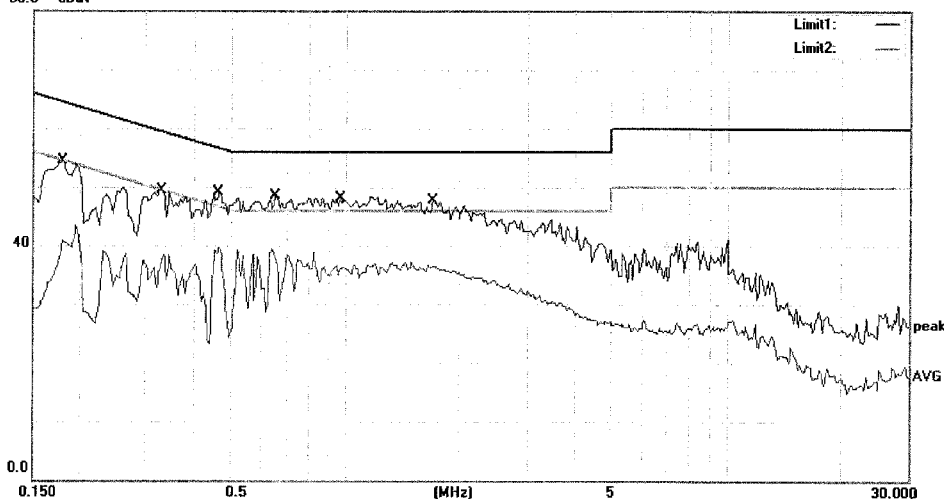

**Conducted Emission Measurement**

File :TUV-RH

Data :#272

Date: 16/08/13/

90.0 dBuV



Site Conduction #1

Phase: L1

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: usb 1 playing

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit		Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1800	54.57	0.00	54.57	64.49	-9.92	QP	
2		0.1800	43.51	0.00	43.51	54.49	-10.98	AVG	
3		0.3300	49.53	0.00	49.53	59.45	-9.92	QP	
4		0.3300	38.51	0.00	38.51	49.45	-10.94	AVG	
5		0.4650	49.02	0.00	49.02	56.60	-7.58	QP	
6		0.4650	39.70	0.00	39.70	46.60	-6.90	AVG	
7		0.6500	48.51	0.00	48.51	56.00	-7.49	QP	
8	*	0.6500	39.41	0.00	39.41	46.00	-6.59	AVG	
9		0.9650	48.03	0.00	48.03	56.00	-7.97	QP	
10		0.9650	36.79	0.00	36.79	46.00	-9.21	AVG	
11		1.7000	47.67	0.00	47.67	56.00	-8.33	QP	
12		1.7000	36.78	0.00	36.78	46.00	-9.22	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File :TUV-RH&gt;Data :#272

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

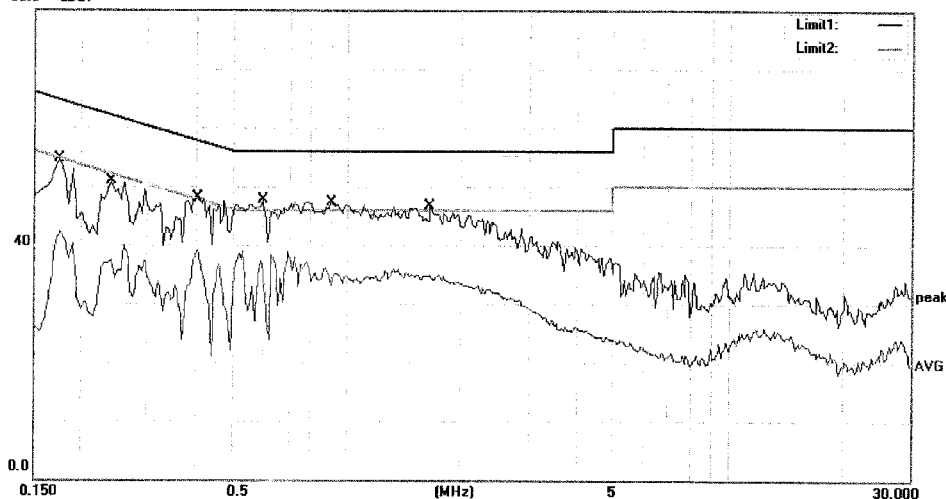

**Conducted Emission Measurement**

File: TUV-RH

Data #273

Date: 16/08/13/

00.0 dBuV



Site Conduction #1

Phase: N

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: usb 1 playing

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1750	54.73	0.00	54.73	64.72	-9.99	QP	
2		0.1750	42.32	0.00	42.32	54.72	-12.40	AVG	
3		0.2400	50.92	0.00	50.92	62.10	-11.18	QP	
4		0.2400	40.00	0.00	40.00	52.10	-12.10	AVG	
5		0.4050	48.04	0.00	48.04	57.75	-9.71	QP	
6		0.4050	39.08	0.00	39.08	47.75	-8.67	AVG	
7		0.5950	47.70	0.00	47.70	56.00	-8.30	QP	
8	*	0.5950	38.22	0.00	38.22	46.00	-7.78	AVG	
9		0.9050	47.35	0.00	47.35	56.00	-8.65	QP	
10		0.9050	36.01	0.00	36.01	46.00	-9.99	AVG	
11		1.6600	46.73	0.00	46.73	56.00	-9.27	QP	
12		1.6600	34.92	0.00	34.92	46.00	-11.08	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File :TUV-RHData :#273

Page: 1

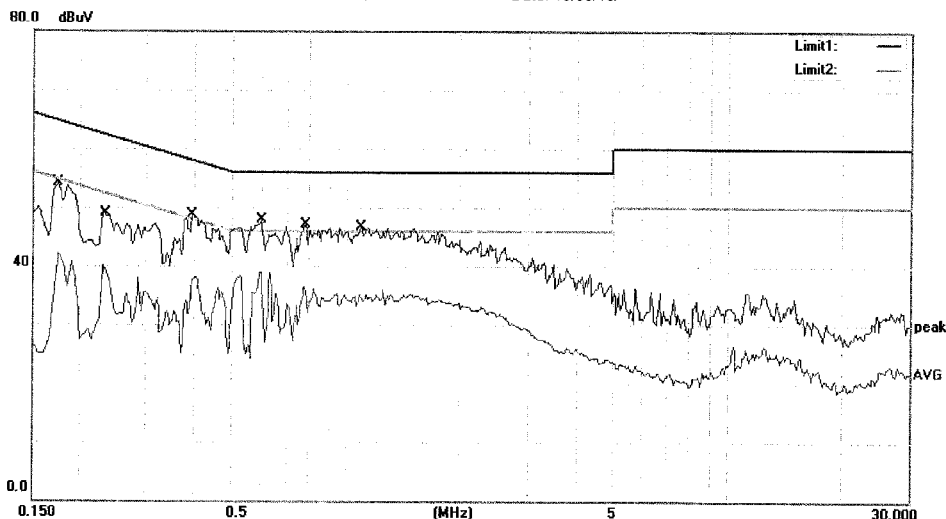
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Conducted Emission Measurement**

File :TUV-RH

Data :#275

Date: 16/08/13/



Site Conduction #1

 Phase: **L1**

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: usb 2 playing

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1750	54.13	0.00	54.13	64.72	-10.59	QP	
2		0.1750	42.15	0.00	42.15	54.72	-12.57	AVG	
3		0.2353	48.51	0.00	48.51	62.26	-13.75	QP	
4		0.2353	40.10	0.00	40.10	52.26	-12.16	AVG	
5		0.3950	48.74	0.00	48.74	57.96	-9.22	QP	
6		0.3950	38.16	0.00	38.16	47.96	-9.80	AVG	
7		0.5950	47.94	0.00	47.94	56.00	-8.06	QP	
8	*	0.5950	38.92	0.00	38.92	46.00	-7.08	AVG	
9		0.7800	47.16	0.00	47.16	56.00	-8.84	QP	
10		0.7800	36.47	0.00	36.47	46.00	-9.53	AVG	
11		1.0950	46.79	0.00	46.79	56.00	-9.21	QP	
12		1.0950	35.16	0.00	35.16	46.00	-10.84	AVG	

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

File :TUV-RH\Data :#275

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

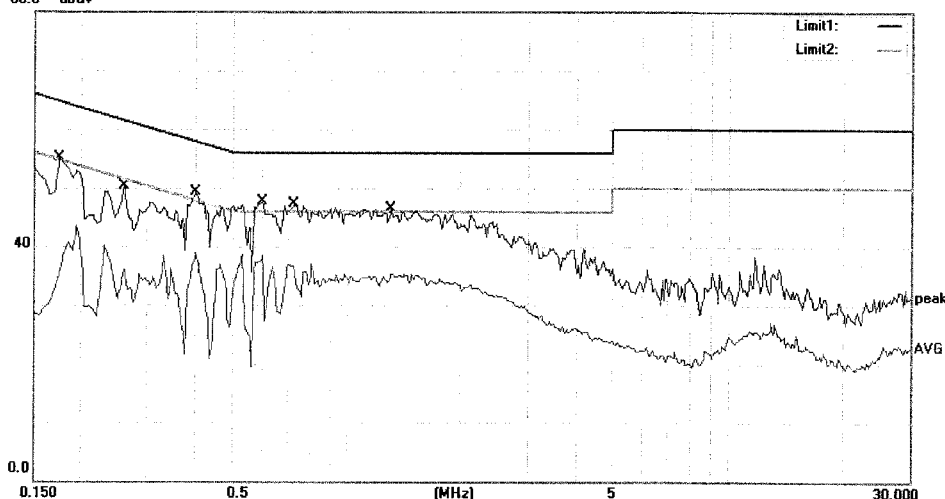

**Conducted Emission Measurement**

File :TUV-RH

Data :#274

Date: 16/08/13/

80.0 dBuV



Site Conduction #1

Phase: N

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: usb 2 playing

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1750	55.03	0.00	55.03	64.72	-9.69	QP	
2		0.1750	43.51	0.00	43.51	54.72	-11.21	AVG	
3		0.2600	50.26	0.00	50.26	61.43	-11.17	QP	
4		0.2600	40.10	0.00	40.10	51.43	-11.33	AVG	
5		0.4000	49.25	0.00	49.25	57.85	-8.60	QP	
6		0.4000	38.84	0.00	38.84	47.85	-9.01	AVG	
7		0.6000	47.78	0.00	47.78	56.00	-8.22	QP	
8	*	0.6000	38.73	0.00	38.73	46.00	-7.27	AVG	
9		0.7250	47.24	0.00	47.24	56.00	-8.76	QP	
10		0.7250	37.03	0.00	37.03	46.00	-8.97	AVG	
11		1.3150	46.55	0.00	46.55	56.00	-9.45	QP	
12		1.3150	35.20	0.00	35.20	46.00	-10.80	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File :TUV-RHData :#274

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

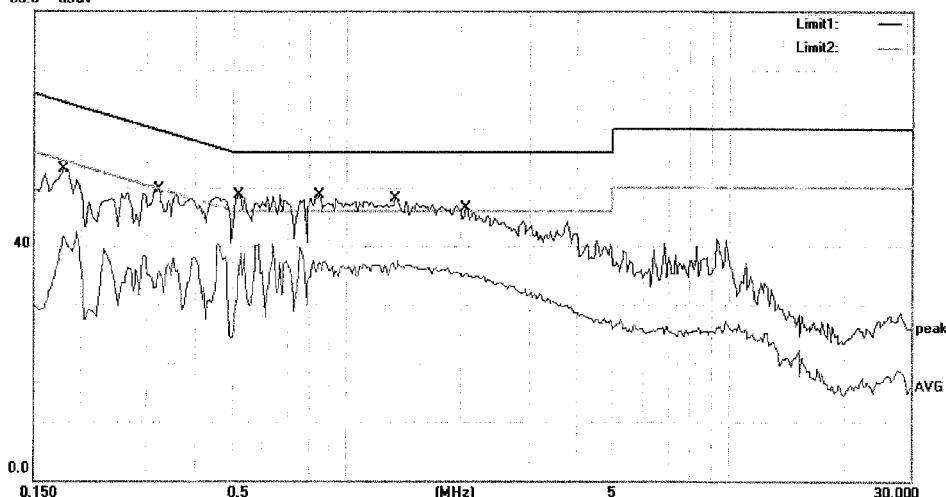

**Conducted Emission Measurement**

File :TUV-RH

Data :#276

Date: 16/08/13/

00.0 dBuV



Site Conduction #1

Phase: L1

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: sd playing

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1800	53.16	0.00	53.16	64.49	-11.33	QP	
2		0.1800	42.35	0.00	42.35	54.49	-12.14	AVG	
3		0.3200	49.74	0.00	49.74	59.71	-9.97	QP	
4		0.3200	38.36	0.00	38.36	49.71	-11.35	AVG	
5		0.5200	48.62	0.00	48.62	56.00	-7.38	QP	
6	*	0.5200	40.22	0.00	40.22	46.00	-5.78	AVG	
7		0.8450	48.75	0.00	48.75	56.00	-7.25	QP	
8		0.8450	38.97	0.00	38.97	46.00	-7.03	AVG	
9		1.3500	48.02	0.00	48.02	56.00	-7.98	QP	
10		1.3500	37.41	0.00	37.41	46.00	-8.59	AVG	
11		2.0650	46.55	0.00	46.55	56.00	-9.45	QP	
12		2.0650	36.20	0.00	36.20	46.00	-9.80	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File :TUV-RHData :#276

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

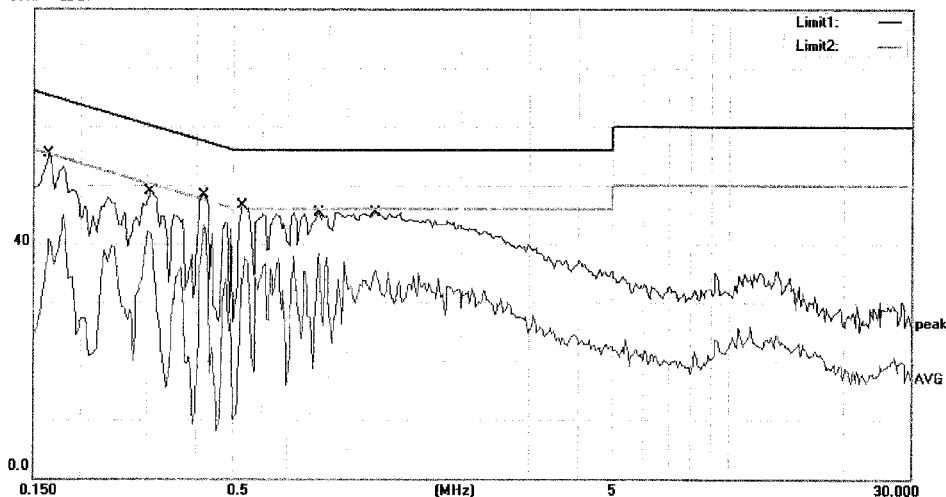

**Conducted Emission Measurement**

File :TUV-RH

Data :#277

Date: 16/08/13/

80.0 dBuV



Site Conduction #1

Phase: N

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: sd playing

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1650	55.32	0.00	55.32	65.21	-9.89	QP	
2		0.1650	44.96	0.00	44.96	55.21	-10.25	AVG	
3		0.3050	48.81	0.00	48.81	60.11	-11.30	QP	
4		0.3050	42.10	0.00	42.10	50.11	-8.01	AVG	
5		0.4200	48.25	0.00	48.25	57.45	-9.20	QP	
6	*	0.4200	43.09	0.00	43.09	47.45	-4.36	AVG	
7		0.5300	46.56	0.00	46.56	56.00	-9.44	QP	
8		0.5300	37.74	0.00	37.74	46.00	-8.26	AVG	
9		0.8450	45.27	0.00	45.27	56.00	-10.73	QP	
10		0.8450	38.37	0.00	38.37	46.00	-7.63	AVG	
11		1.1950	45.29	0.00	45.29	56.00	-10.71	QP	
12		1.1950	35.53	0.00	35.53	46.00	-10.47	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File :TUV-RHData :#277

Page: 1

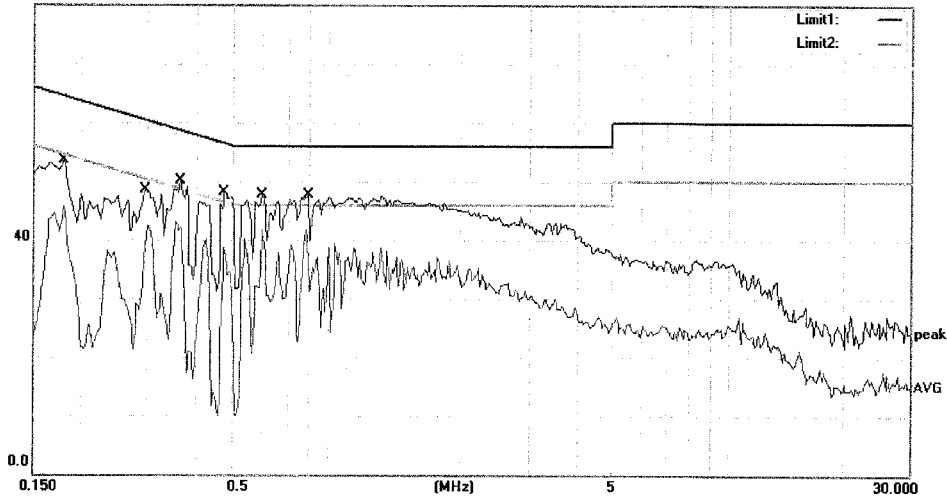
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Conducted Emission Measurement**

File: TUV-RH  
 80.0 dBuV

Data: #279

Date: 16/08/13/



Site Conduction #1

Phase: **L1**

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: transfer data(usb-sd)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1800	53.46	0.00	53.46	64.49	-11.03	QP	
2		0.1800	45.64	0.00	45.64	54.49	-8.85	AVG	
3		0.2950	48.49	0.00	48.49	60.38	-11.89	QP	
4		0.2950	42.25	0.00	42.25	50.38	-8.13	AVG	
5		0.3650	50.20	0.00	50.20	58.61	-8.41	QP	
6		0.3650	43.08	0.00	43.08	48.61	-5.53	AVG	
7		0.4750	48.16	0.00	48.16	56.43	-8.27	QP	
8		0.4750	40.19	0.00	40.19	46.43	-6.24	AVG	
9		0.5950	47.64	0.00	47.64	56.00	-8.36	QP	
10	*	0.5950	41.66	0.00	41.66	46.00	-4.34	AVG	
11		0.7950	47.80	0.00	47.80	56.00	-8.20	QP	
12		0.7950	41.66	0.00	41.66	46.00	-4.34	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File: TUV-RH>Data: #279

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

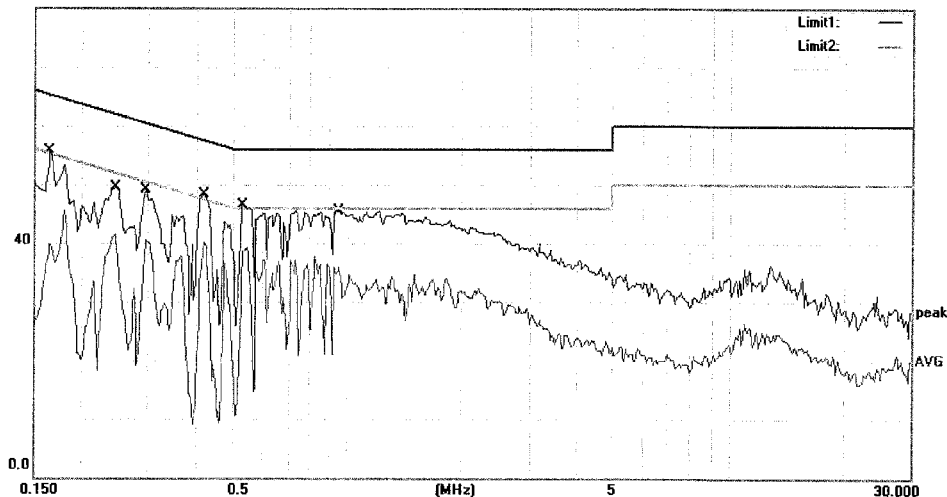

**Conducted Emission Measurement**

File: TUV-RH

Data: #278

Date: 16/08/13/

90.0 dBuV



Site Conduction #1

Phase: N

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: transfer data(usb-sd)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1650	55.72	0.00	55.72	65.21	-9.49	QP	
2		0.1650	45.43	0.00	45.43	55.21	-9.78	AVG	
3		0.2450	49.46	0.00	49.46	61.92	-12.46	QP	
4		0.2450	41.46	0.00	41.46	51.92	-10.46	AVG	
5		0.2950	49.16	0.00	49.16	60.38	-11.22	QP	
6		0.2950	40.41	0.00	40.41	50.38	-9.97	AVG	
7		0.4200	48.35	0.00	48.35	57.45	-9.10	QP	
8		0.4200	40.03	0.00	40.03	47.45	-7.42	AVG	
9		0.5300	46.50	0.00	46.50	56.00	-9.50	QP	
10	*	0.5300	39.21	0.00	39.21	46.00	-6.79	AVG	
11		0.9550	45.58	0.00	45.58	56.00	-10.42	QP	
12		0.9550	36.59	0.00	36.59	46.00	-9.41	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File :TUV-RHData :#278

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

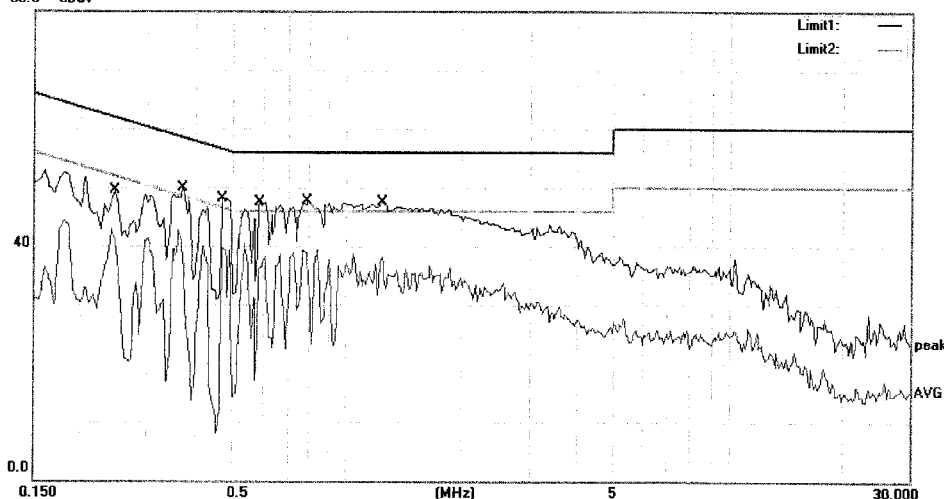

**Conducted Emission Measurement**

File: TUV-RH

Data: #280

Date: 16/08/13/

80.0 dBuV



Site Conduction #1

Phase: L1

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: transfer data(memory-sd)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2450	49.46	0.00	49.46	61.92	-12.46	QP	
2		0.2450	42.89	0.00	42.89	51.92	-9.03	AVG	
3		0.3700	49.86	0.00	49.86	58.50	-8.64	QP	
4	*	0.3700	42.63	0.00	42.63	48.50	-5.87	AVG	
5		0.4700	48.13	0.00	48.13	56.51	-8.38	QP	
6		0.4700	39.67	0.00	39.67	46.51	-6.84	AVG	
7		0.5900	47.58	0.00	47.58	56.00	-8.42	QP	
8		0.5900	38.72	0.00	38.72	46.00	-7.28	AVG	
9		0.7900	47.70	0.00	47.70	56.00	-8.30	QP	
10		0.7900	39.30	0.00	39.30	46.00	-6.70	AVG	
11		1.2450	47.53	0.00	47.53	56.00	-8.47	QP	
12		1.2450	38.14	0.00	38.14	46.00	-7.86	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File :TUV-RH\Data :#280

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

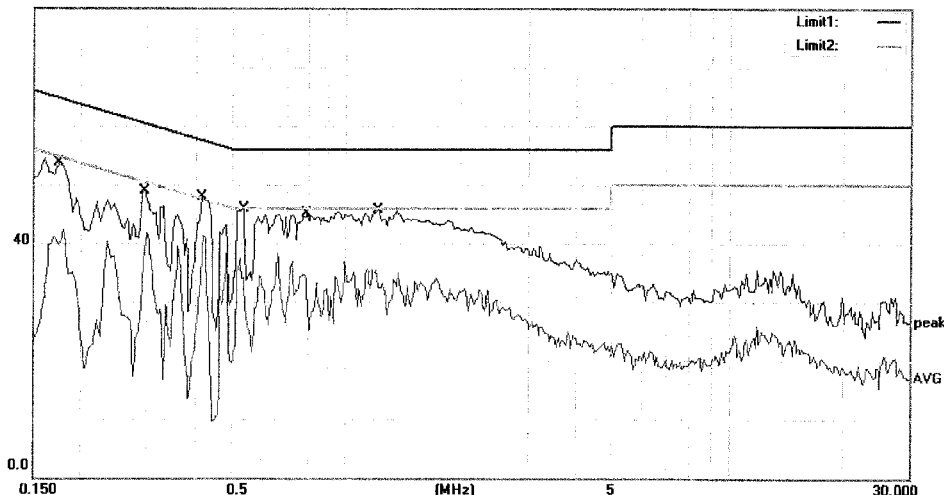

**Conducted Emission Measurement**

File: TUV-RH

Data: #281

Date: 16/08/13/

90.0 dBuV



Site Conduction #1

Phase: N

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: transfer data(memory-sd)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1750	53.80	0.00	53.80	64.72	-10.92	QP	
2		0.1750	42.32	0.00	42.32	54.72	-12.40	AVG	
3		0.2950	48.98	0.00	48.98	60.38	-11.40	QP	
4		0.2950	41.63	0.00	41.63	50.38	-8.75	AVG	
5		0.4150	47.91	0.00	47.91	57.55	-9.64	QP	
6	*	0.4150	41.32	0.00	41.32	47.55	-6.23	AVG	
7		0.5350	45.94	0.00	45.94	56.00	-10.06	QP	
8		0.5350	37.57	0.00	37.57	46.00	-8.43	AVG	
9		0.7900	45.01	0.00	45.01	56.00	-10.99	QP	
10		0.7900	36.97	0.00	36.97	46.00	-9.03	AVG	
11		1.2200	45.74	0.00	45.74	56.00	-10.26	QP	
12		1.2200	36.98	0.00	36.98	46.00	-9.02	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File: TUV-RHData: #281

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

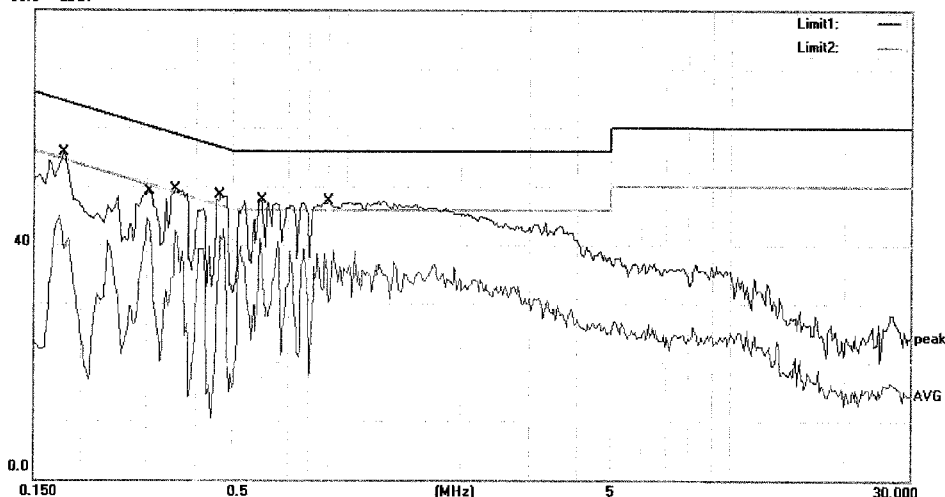

**Conducted Emission Measurement**

File: TUV-RH

Data: #283

Date: 16/08/13/

80.0 dBuV



Site Conduction #1

Phase: L1

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: transfer data(memory-usb)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1800	55.78	0.00	55.78	64.49	-8.71	QP	
2		0.1800	44.96	0.00	44.96	54.49	-9.53	AVG	
3		0.3050	49.14	0.00	49.14	60.11	-10.97	QP	
4		0.3050	44.43	0.00	44.43	50.11	-5.68	AVG	
5		0.3550	49.56	0.00	49.56	58.84	-9.28	QP	
6		0.3550	42.50	0.00	42.50	48.84	-6.34	AVG	
7		0.4650	48.45	0.00	48.45	56.60	-8.15	QP	
8	*	0.4650	42.70	0.00	42.70	46.60	-3.90	AVG	
9		0.5950	47.72	0.00	47.72	56.00	-8.28	QP	
10		0.5950	41.13	0.00	41.13	46.00	-4.87	AVG	
11		0.9000	47.59	0.00	47.59	56.00	-8.41	QP	
12		0.9000	39.03	0.00	39.03	46.00	-6.97	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File :TUV-RH&gt;Data :#283

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

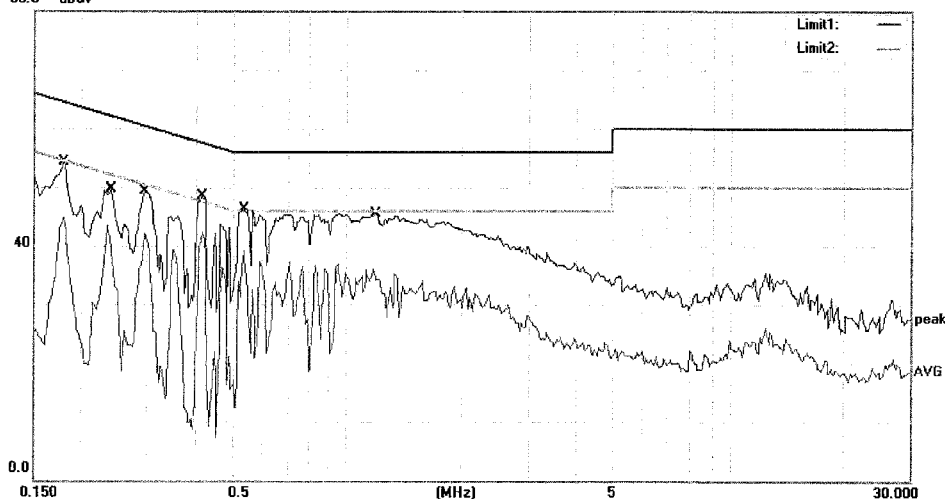

**Conducted Emission Measurement**

File :TUV-RH

Data :#282

Date: 16/08/13/

80.0 dBuV



Site Conduction #1

Phase: N

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: transfer data(memory-usb)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1800	54.37	0.00	54.37	64.49	-10.12	QP	
2		0.1800	44.88	0.00	44.88	54.49	-9.61	AVG	
3		0.2400	49.65	0.00	49.65	62.10	-12.45	QP	
4		0.2400	43.57	0.00	43.57	52.10	-8.53	AVG	
5		0.2950	49.30	0.00	49.30	60.38	-11.08	QP	
6		0.2950	42.10	0.00	42.10	50.38	-8.28	AVG	
7		0.4150	48.41	0.00	48.41	57.55	-9.14	QP	
8	*	0.4150	42.32	0.00	42.32	47.55	-5.23	AVG	
9		0.5350	46.22	0.00	46.22	56.00	-9.78	QP	
10		0.5350	39.12	0.00	39.12	46.00	-6.88	AVG	
11		1.1950	45.57	0.00	45.57	56.00	-10.43	QP	
12		1.1950	36.16	0.00	36.16	46.00	-9.84	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File :TUV-RHData :#282

Page: 1

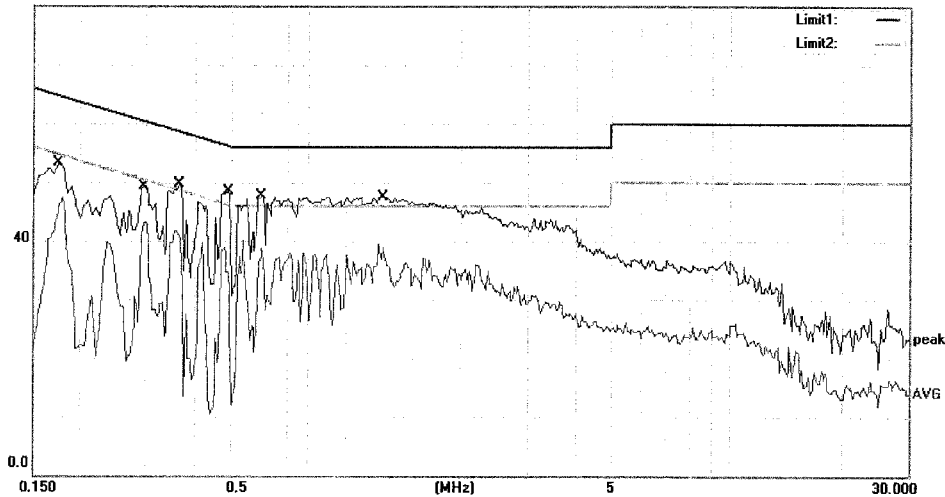
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Conducted Emission Measurement**

File :TUV-RH  
 80.0 dBuV

Data :#284

Date: 16/08/13/



Site Conduction #1

Phase: **L1**

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: lan port

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1750	53.26	0.00	53.26	64.72	-11.46	QP	
2		0.1750	47.56	0.00	47.56	54.72	-7.16	AVG	
3		0.2950	49.34	0.00	49.34	60.38	-11.04	QP	
4		0.2950	43.36	0.00	43.36	50.38	-7.02	AVG	
5		0.3650	49.71	0.00	49.71	58.61	-8.90	QP	
6		0.3650	41.75	0.00	41.75	48.61	-6.86	AVG	
7		0.4900	48.41	0.00	48.41	56.17	-7.76	QP	
8	*	0.4900	40.10	0.00	40.10	46.17	-6.07	AVG	
9		0.6000	47.80	0.00	47.80	56.00	-8.20	QP	
10		0.6000	38.67	0.00	38.67	46.00	-7.33	AVG	
11		1.2500	47.53	0.00	47.53	56.00	-8.47	QP	
12		1.2500	39.42	0.00	39.42	46.00	-6.58	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File :TUV-RH>Data :#284

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

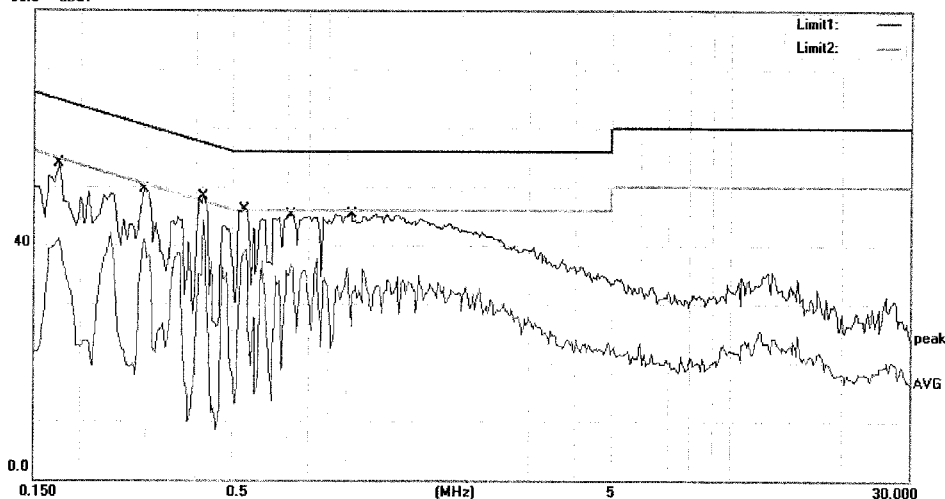

**Conducted Emission Measurement**

File :TUV-RH

Data :#285

Date: 16/08/13/

80.0 dBuV



Site Conduction #1

 Phase: **N**

Temperature: 22

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

Power: AC 120V/60Hz

Humidity: 55 %

EUT: WALLBOARD32"TABLET

M/N: P-WAL-106-YIT-01

Mode: lan port

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1750	53.99	0.00	53.99	64.72	-10.73	QP	
2		0.1750	41.09	0.00	41.09	54.72	-13.63	AVG	
3		0.2950	49.58	0.00	49.58	60.38	-10.80	QP	
4		0.2950	40.90	0.00	40.90	50.38	-9.48	AVG	
5		0.4200	48.23	0.00	48.23	57.45	-9.22	QP	
6	*	0.4200	44.35	0.00	44.35	47.45	-3.10	AVG	
7		0.5350	46.10	0.00	46.10	56.00	-9.90	QP	
8		0.5350	39.30	0.00	39.30	46.00	-6.70	AVG	
9		0.7150	45.03	0.00	45.03	56.00	-10.97	QP	
10		0.7150	36.65	0.00	36.65	46.00	-9.35	AVG	
11		1.0350	45.38	0.00	45.38	56.00	-10.62	QP	
12		1.0350	36.02	0.00	36.02	46.00	-9.98	AVG	

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

Comment: Factor build in receiver.

Operator: Jason

File :TUV-RHData :#285

Page: 1

**Prüfbericht - Nr.: 50055364 005**  
Test Report No.**Seite 28 von 63**  
Page 28 of 63

## 5.2 Emission in the Frequency Range above 30 MHz

### 5.2.1 Radiated Emission

**RESULT:****Pass**

Date of testing	:	2016-08-02 to 2016-08-11
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.

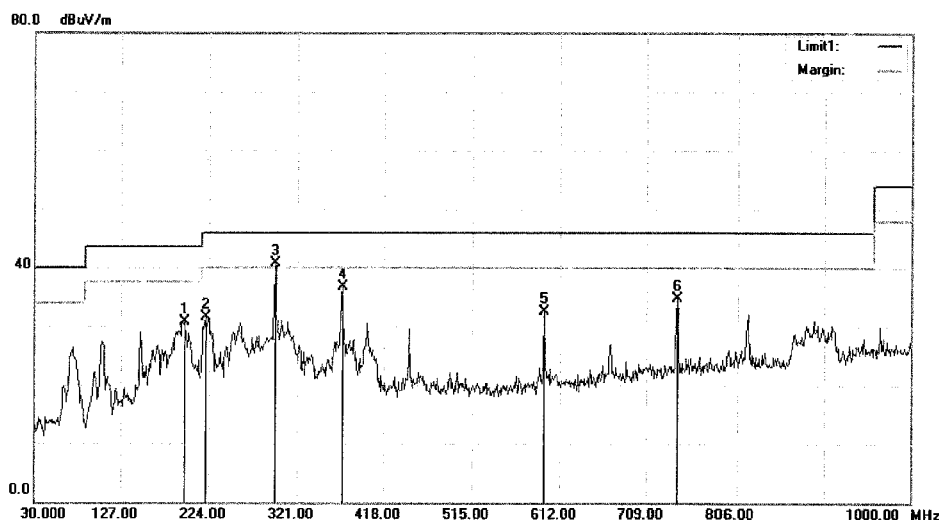
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV-RE

Data :#1442

Date: 2016/8/2



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:memory playing

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		196.8400	46.64	-15.94	30.70	43.50	-12.80	QP		0
2		220.1200	46.04	-14.49	31.55	46.00	-14.45	QP		0
3	*	296.7500	52.36	-11.73	40.63	46.00	-5.37	QP		0
4		371.4400	47.07	-10.36	36.71	46.00	-9.29	QP		0
5		594.5400	38.45	-5.95	32.50	46.00	-13.50	QP		0
6		742.9500	38.31	-3.63	34.68	46.00	-11.32	QP		0

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

Operator: KK

File :TUV-RE\Data :#1442

Page: 1

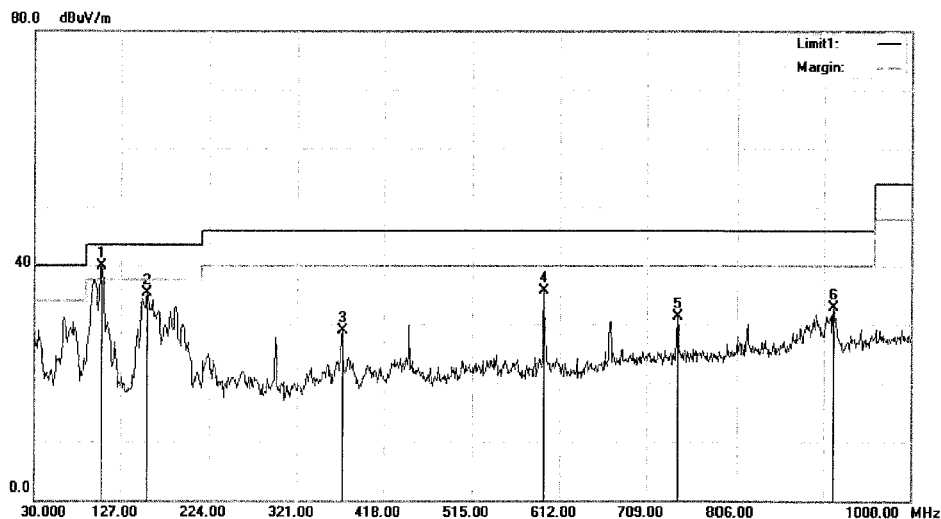
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV-RE

Data :#1441

Date: 2016/8/2



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:memory playing

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	*	105.6600	55.16	-15.32	39.84	43.50	-3.66	QP		0
2		156.1000	53.80	-18.56	35.24	43.50	-8.26	QP		0
3		371.4400	39.28	-10.36	28.92	46.00	-17.08	QP		0
4		594.5400	41.64	-5.95	35.69	46.00	-10.31	QP		0
5		742.9500	34.94	-3.63	31.31	46.00	-14.69	QP		0
6		913.6700	34.31	-1.35	32.96	46.00	-13.04	QP		0

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

Operator: KK

File :TUV-RE\Data :#1441

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

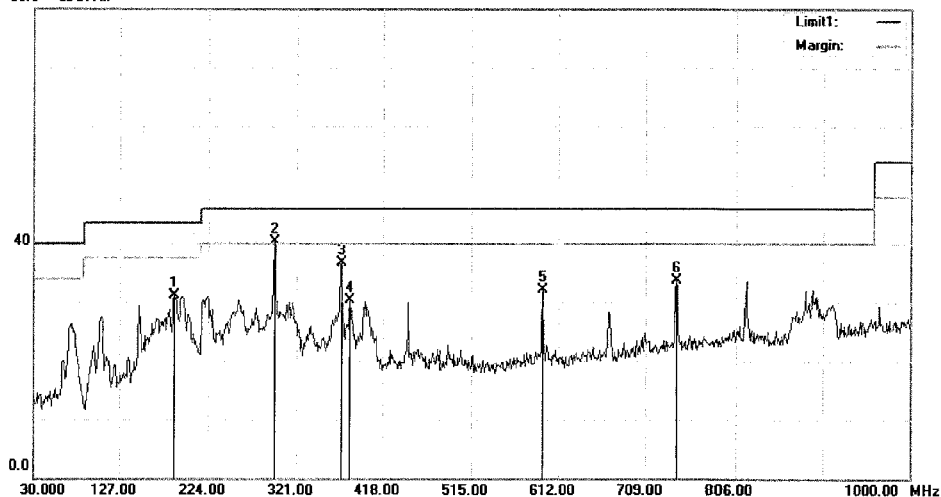

**Radiated Emission Measurement**

File :TUV-RE

Data :#1444

Date: 2016/8/2

80.0 dBuV/m



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:USB 1 Playing

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		187.1400	48.09	-16.91	31.18	43.50	-12.32	QP		0
2	*	296.7500	52.07	-11.73	40.34	46.00	-5.66	QP		0
3		371.4400	47.02	-10.36	36.66	46.00	-9.34	QP		0
4		381.1400	40.40	-10.13	30.27	46.00	-15.73	QP		0
5		594.5400	38.15	-5.95	32.20	46.00	-13.80	QP		0
6		742.9500	37.43	-3.63	33.80	46.00	-12.20	QP		0

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

Operator: KK

File :TUV-RE\Data :#1444

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

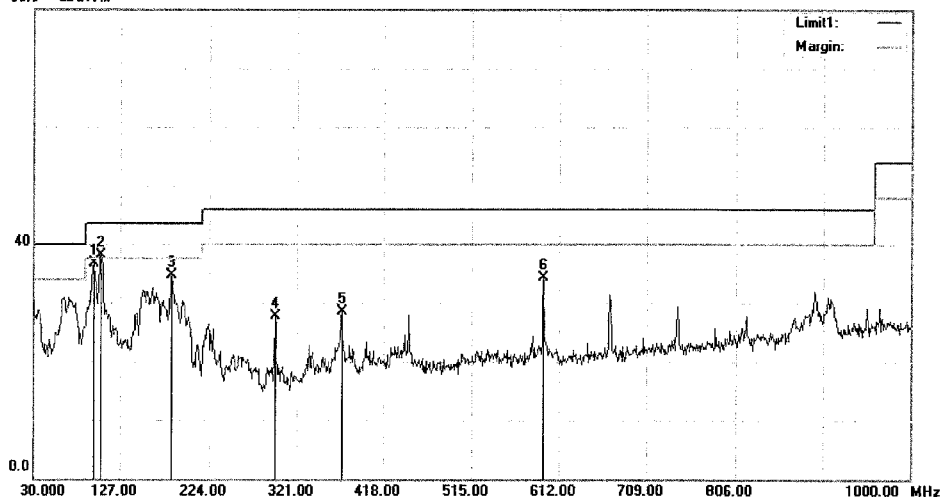

**Radiated Emission Measurement**

File :TUV-RE

Data #1443

Date: 2016/8/2

80.0 dBuV/m



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:USB 1 Playing

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		97.9000	52.26	-15.65	36.61	43.50	-6.89	QP		0
2	*	105.6600	53.33	-15.32	38.01	43.50	-5.49	QP		0
3		183.2600	51.77	-17.05	34.72	43.50	-8.78	QP		0
4		296.7500	39.43	-11.73	27.70	46.00	-18.30	QP		0
5		371.4400	38.82	-10.36	28.46	46.00	-17.54	QP		0
6		594.5400	40.32	-5.95	34.37	46.00	-11.63	QP		0

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

Operator: KK

File :TUV-RE\Data :#1443

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

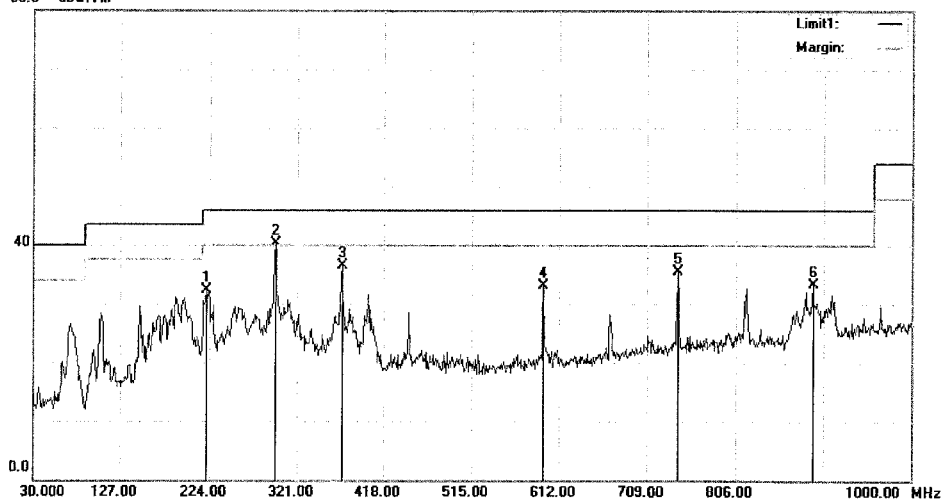

**Radiated Emission Measurement**

File :TUV-RE

Data :#1446

Date: 2016/8/2

80.0 dBuV/m



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:USB 2 Playing

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		220.1200	46.88	-14.49	32.39	46.00	-13.61	QP		0
2	*	296.7500	51.97	-11.73	40.24	46.00	-5.76	QP		0
3		371.4400	46.92	-10.36	36.56	46.00	-9.44	QP		0
4		594.5400	39.05	-5.95	33.10	46.00	-12.90	QP		0
5		742.9500	39.10	-3.63	35.47	46.00	-10.53	QP		0
6		891.3600	35.05	-1.66	33.39	46.00	-12.61	QP		0

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

Operator: KK

File :TUV-REData :#1446

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

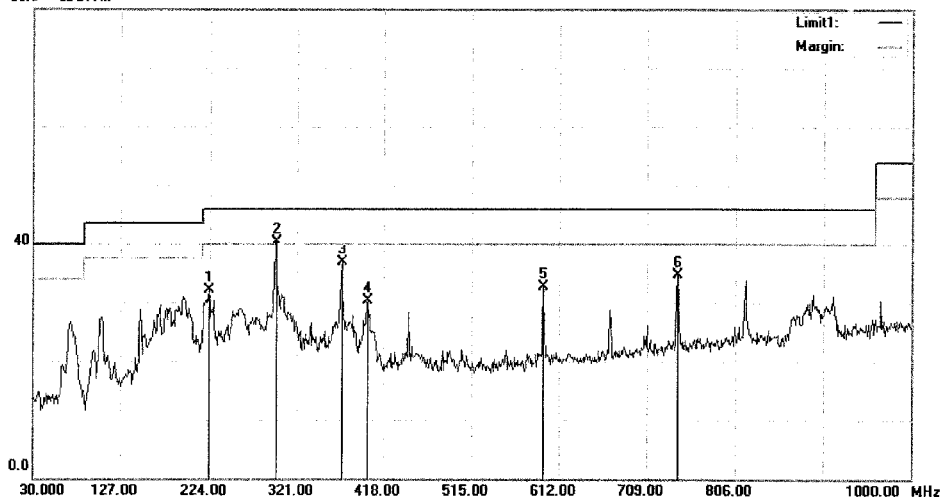

**Radiated Emission Measurement**

File :TUV-RE

Data #1445

Date: 2016/8/2

80.0 dBuV/m



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:USB 2 Playing

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		223.0300	46.50	-14.41	32.09	46.00	-13.91	QP		0
2	*	297.7200	51.99	-11.69	40.30	46.00	-5.70	QP		0
3		371.4400	47.24	-10.36	36.88	46.00	-9.12	QP		0
4		400.5400	39.70	-9.41	30.29	46.00	-15.71	QP		0
5		594.5400	38.72	-5.95	32.77	46.00	-13.23	QP		0
6		742.9500	38.43	-3.63	34.80	46.00	-11.20	QP		0

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

Operator: KK

File :TUV-REData :#1445

Page: 1

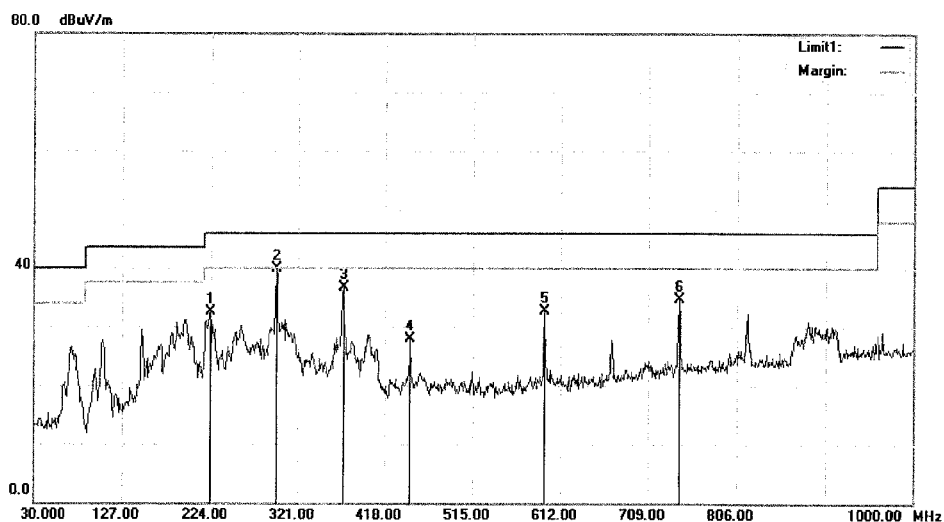
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV--RE

Data :#1448

Date: 2016/8/2



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:SD Playing

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		223.0300	46.83	-14.41	32.42	46.00	-13.58	QP		0
2	*	296.7500	51.61	-11.73	39.88	46.00	-6.12	QP		0
3		371.4400	46.98	-10.36	36.62	46.00	-9.38	QP		0
4		446.1300	36.67	-8.73	27.94	46.00	-18.06	QP		0
5		594.5400	38.61	-5.95	32.66	46.00	-13.34	QP		0
6		742.9500	38.30	-3.63	34.67	46.00	-11.33	QP		0

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

Operator: KK

File :TUV--RE\Data :#1448

Page: 1

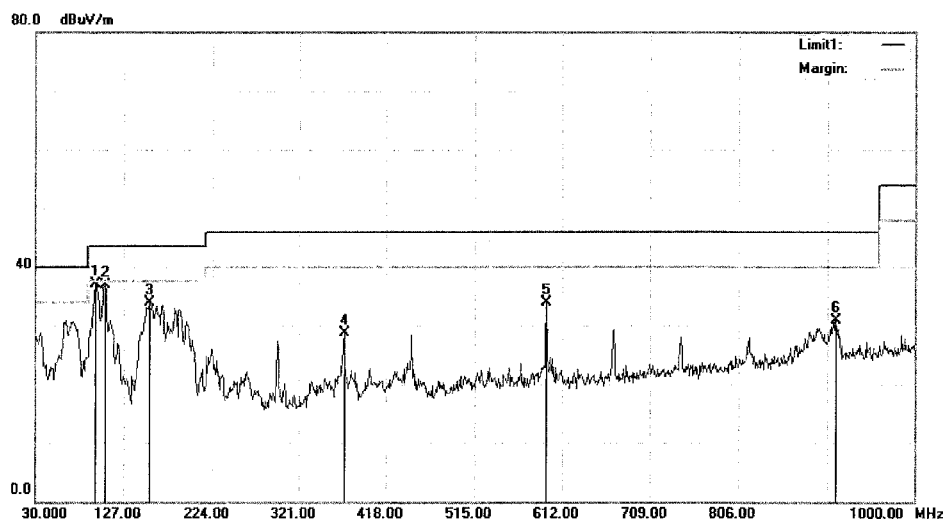
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV--RE

Data #1447

Date: 2016/8/2



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:SD Playing

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	*	95.9600	53.17	-16.02	37.15	43.50	-6.35	QP	0	
2		106.6300	52.22	-15.34	36.88	43.50	-6.62	QP	0	
3		154.1600	52.55	-18.65	33.90	43.50	-9.60	QP	0	
4		371.4400	39.16	-10.36	28.80	46.00	-17.20	QP	0	
5		594.5400	39.83	-5.95	33.88	46.00	-12.12	QP	0	
6		912.7000	32.36	-1.37	30.99	46.00	-15.01	QP	0	

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

Operator: KK

File :TUV--RE\Data :#1447

Page: 1

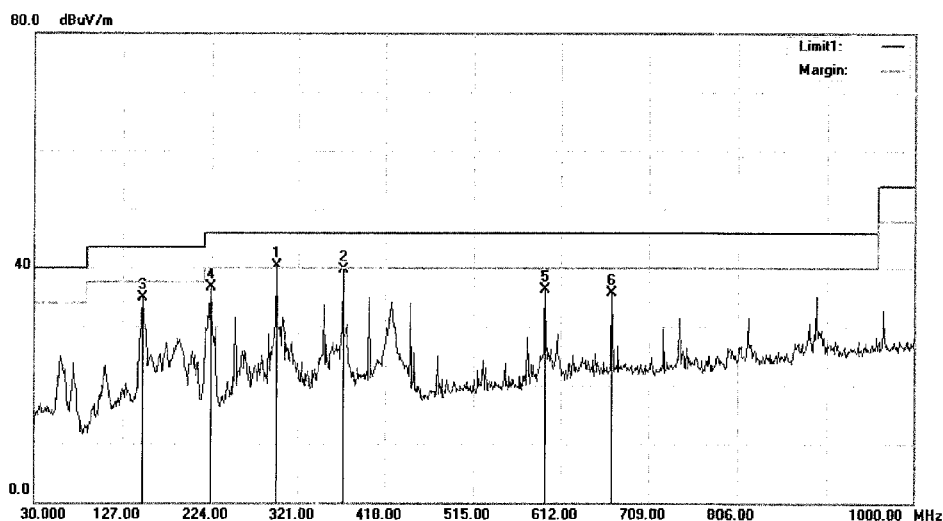
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV--RE

Data :#1449

Date: 16/08/03/



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode: Transfer Data(USB-SD)

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	*	296.7500	51.99	-11.73	40.26	46.00	-5.74	QP		0
2		371.4400	50.09	-10.36	39.73	46.00	-6.27	QP		0
3		148.3400	53.75	-18.88	34.87	43.50	-8.63	QP		0
4		223.0300	51.03	-14.41	36.62	46.00	-9.38	QP		0
5		594.5400	42.26	-5.95	36.31	46.00	-9.69	QP		0
6		668.2600	40.40	-4.75	35.65	46.00	-10.35	QP		0

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

Operator: KK

File :TUV--RE\Data :#1449

Page: 1

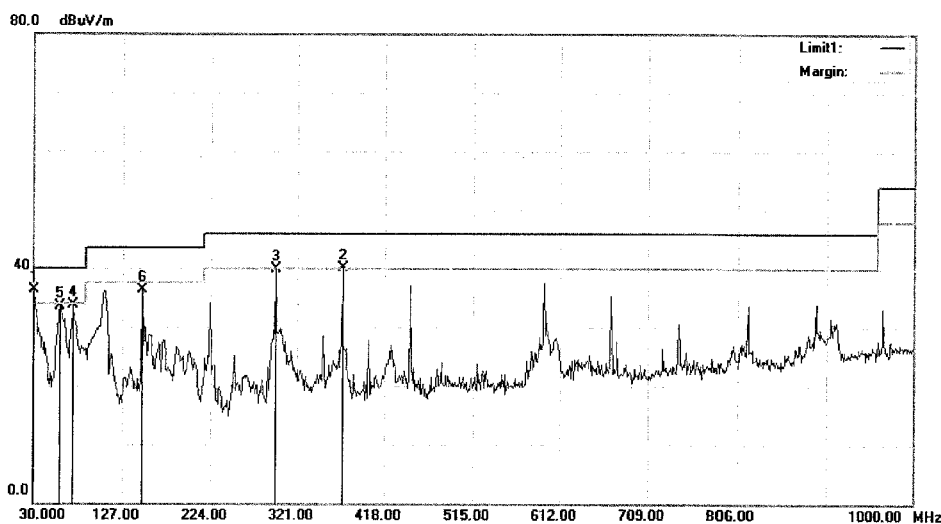
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV--RE

Data :#1450

Date: 16/08/03/



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:Transfer Data(USB-SD)

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	*	30.9700	53.63	-17.36	36.27	40.00	-3.73	QP		0
2	!	371.4400	50.53	-10.36	40.17	46.00	-5.83	QP		0
3		296.7500	51.71	-11.73	39.98	46.00	-6.02	QP		0
4		73.6500	52.28	-18.62	33.66	40.00	-6.34	QP		0
5		59.1000	49.04	-15.60	33.44	40.00	-6.56	QP		0
6		148.3400	55.21	-18.88	36.33	43.50	-7.17	QP		0

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

Operator: KK

File :TUV--RE\Data :#1450

Page: 1

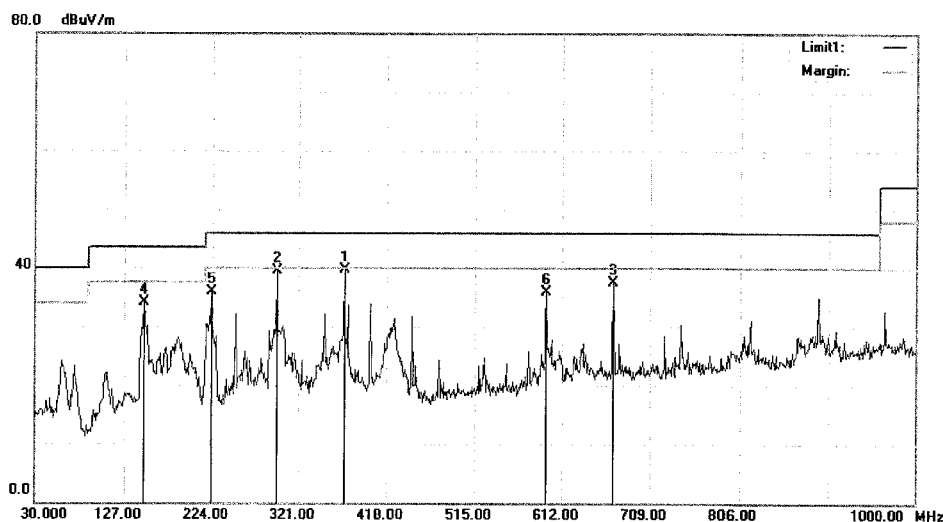
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV--RE

Data :#1451

Date: 16/08/03/



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:Transfer Data(Memory-SD)

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	*	371.4400	50.00	-10.36	39.64	46.00	-6.36	QP	0	
2		296.7500	51.19	-11.73	39.46	46.00	-6.54	QP	0	
3		668.2600	42.25	-4.75	37.50	46.00	-8.50	QP	0	
4		148.3400	52.99	-18.88	34.11	43.50	-9.39	QP	0	
5		223.0300	50.41	-14.41	36.00	46.00	-10.00	QP	0	
6		594.5400	41.80	-5.95	35.85	46.00	-10.15	QP	0	

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

Operator: KK

File :TUV--RE\Data :#1451

Page: 1

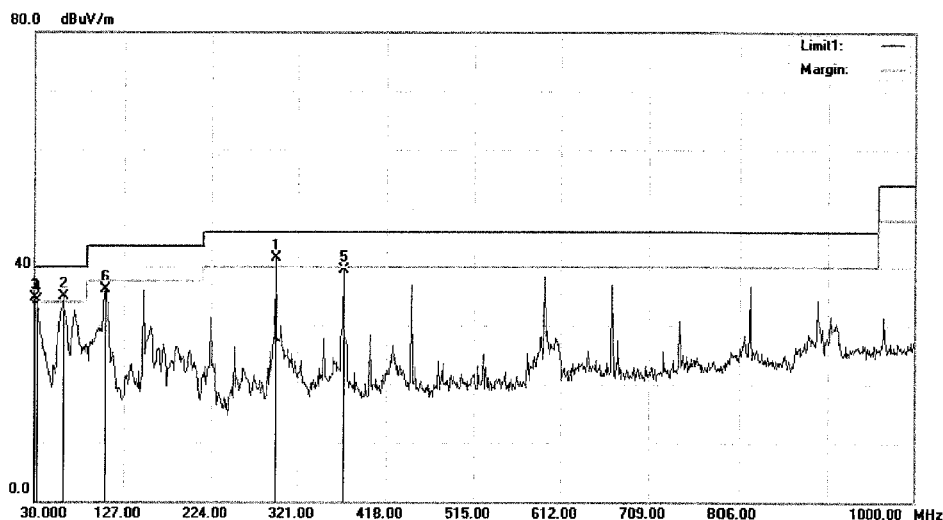
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV-RE

Data :#1452

Date: 16/08/03/



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:Transfer Data(Memory-SD)

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	*	296.7500	53.23	-11.73	41.50	46.00	-4.50	QP		0
2	!	61.0400	50.71	-15.88	34.83	40.00	-5.17	QP		0
3	!	30.9700	51.97	-17.36	34.61	40.00	-5.39	QP		0
4	!	32.9100	51.47	-17.14	34.33	40.00	-5.67	QP		0
5		371.4400	49.89	-10.36	39.53	46.00	-6.47	QP		0
6		106.6300	51.50	-15.34	36.16	43.50	-7.34	QP		0

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

Operator: KK

File :TUV-RE\Data :#1452

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

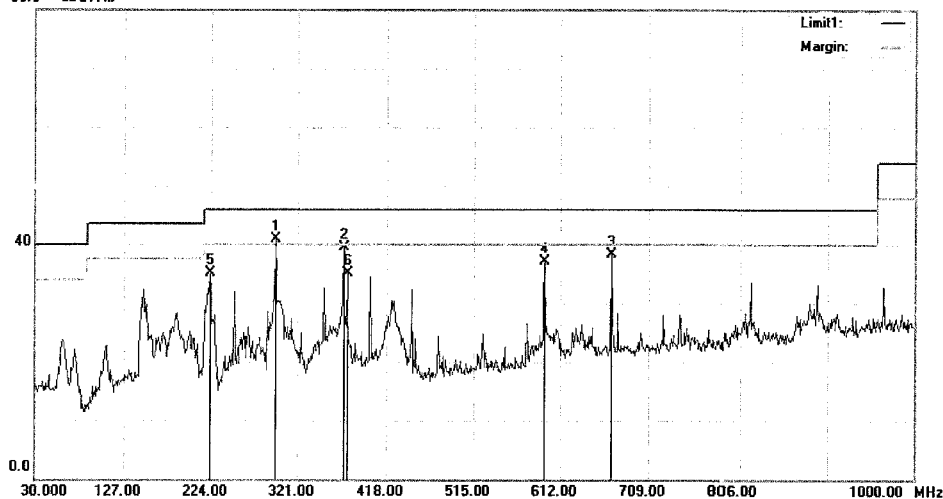

**Radiated Emission Measurement**

File :TUV-RE

Data :#1453

Date: 16/08/03/

80.0 dBuV/m



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:Transfer Data(Memory-USB)

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	*	296.7500	52.72	-11.73	40.99	46.00	-5.01	QP	0	
2		371.4400	49.89	-10.36	39.53	46.00	-6.47	QP	0	
3		668.2600	43.07	-4.75	38.32	46.00	-7.68	QP	0	
4		594.5400	43.01	-5.95	37.06	46.00	-8.94	QP	0	
5		223.0300	49.56	-14.41	35.15	46.00	-10.85	QP	0	
6		375.3200	45.29	-10.27	35.02	46.00	-10.98	QP	0	

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

Operator: KK

File :TUV-RE\Data :#1453

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

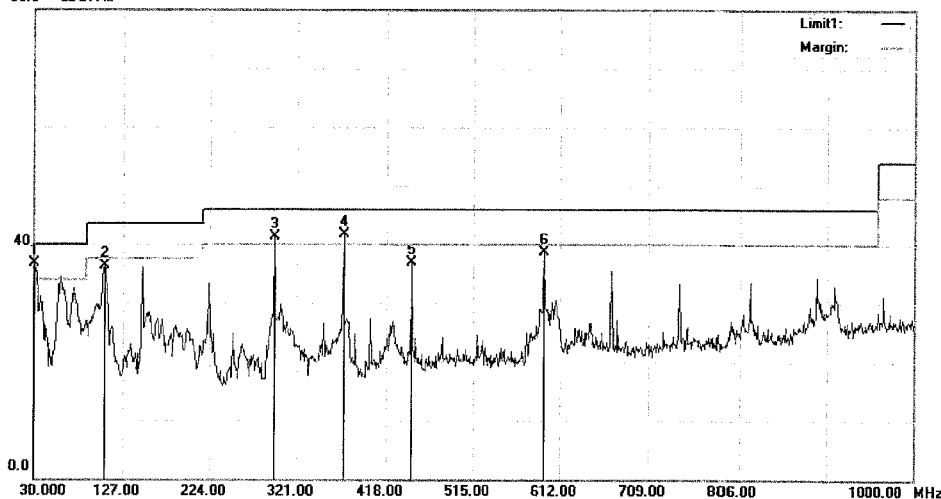

**Radiated Emission Measurement**

File :TUV--RE

Data :#1454

Date: 16/08/03/

80.0 dBuV/m



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:Transfer Data(Memory-USB)

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	*	30.9700	54.01	-17.36	36.65	40.00	-3.35	QP	0	
2		106.6300	51.70	-15.34	36.36	43.50	-7.14	QP	0	
3	!	296.7500	53.09	-11.73	41.36	46.00	-4.64	QP	0	
4	!	371.4400	52.14	-10.36	41.78	46.00	-4.22	QP	0	
5		446.1300	45.68	-8.73	36.95	46.00	-9.05	QP	0	
6		594.5400	44.60	-5.95	38.65	46.00	-7.35	QP	0	

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

Operator: KK

File :TUV--RE\Data :#1454

Page: 1

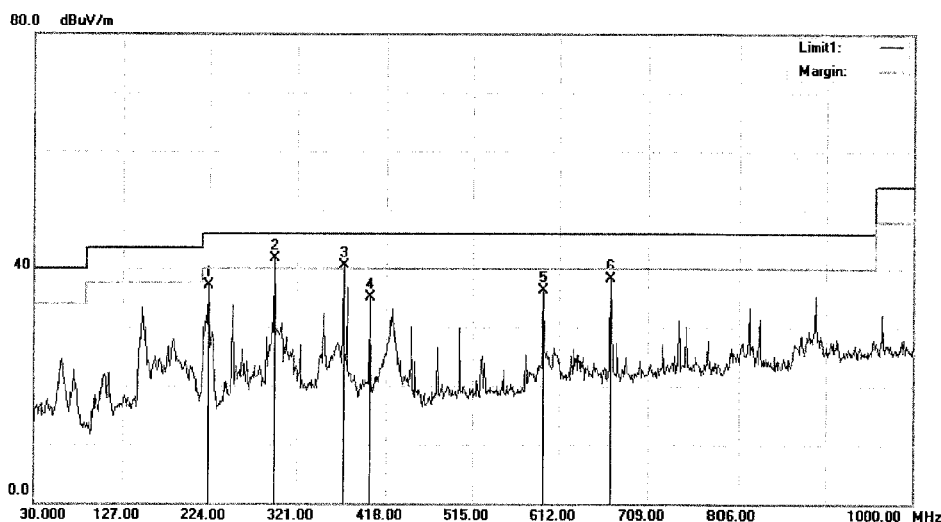
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV--RE

Data #1455

Date: 16/08/03/



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode: LAN Port

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		223.0300	51.47	-14.41	37.06	46.00	-8.94	QP		0
2	*	296.7500	53.36	-11.73	41.63	46.00	-4.37	QP		0
3	!	371.4400	50.81	-10.36	40.45	46.00	-5.55	QP		0
4		400.5400	44.59	-9.41	35.18	46.00	-10.82	QP		0
5		594.5400	42.27	-5.95	36.32	46.00	-9.68	QP		0
6		668.2600	43.03	-4.75	38.28	46.00	-7.72	QP		0

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

Operator: KK

File :TUV--RE\Data :#1455

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

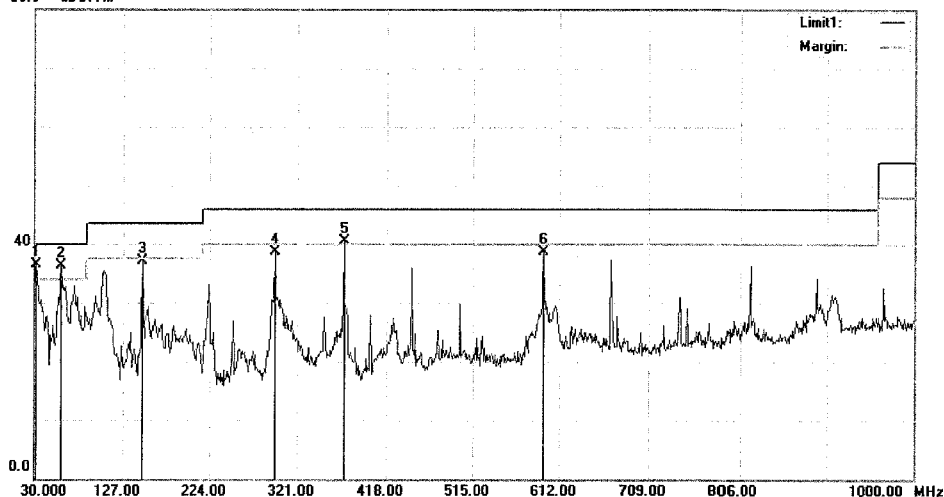

**Radiated Emission Measurement**

File :TUV-RE

Data :#1456

Date: 16/08/03/

80.0 dBuV/m



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01(1#)

Mode:LAN Port

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	53.78	-17.26	36.52	40.00	-3.48	QP	0	
2	!	59.1000	52.00	-15.60	36.40	40.00	-3.60	QP	0	
3		148.3400	55.91	-18.88	37.03	43.50	-6.47	QP	0	
4		296.7500	50.47	-11.73	38.74	46.00	-7.26	QP	0	
5	!	371.4400	50.84	-10.36	40.48	46.00	-5.52	QP	0	
6		594.5400	44.66	-5.95	38.71	46.00	-7.29	QP	0	

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

Operator: KK

File :TUV-RE\Data :#1456

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

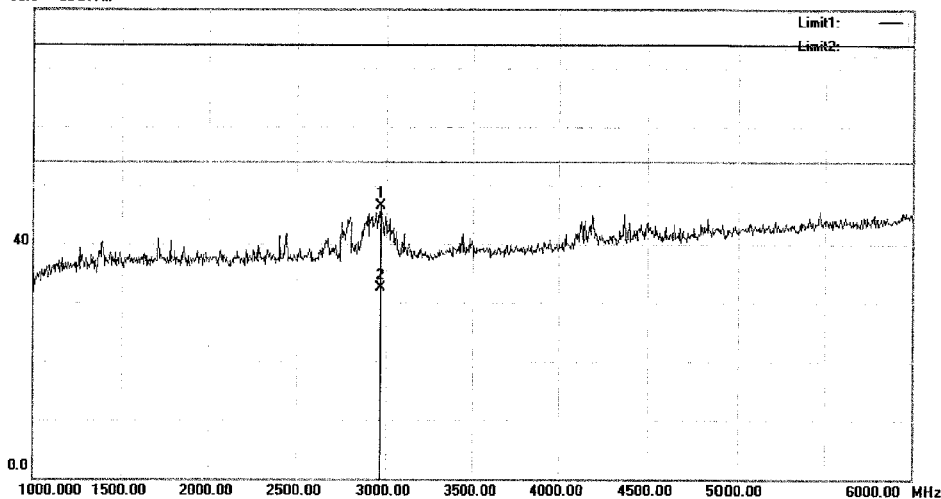

**Radiated Emission Measurement**

File :TUV--RE

Data :#1715

Date: 2016/08/11

80.0 dBuV/m



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:Memory playing

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		2970.000	66.94	-20.35	46.59	74.00	-27.41	peak		0
2	*	2970.000	52.91	-20.35	32.56	54.00	-21.44	AVG		0

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

Operator: KK

File :TUV--RE\Data :#1715

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

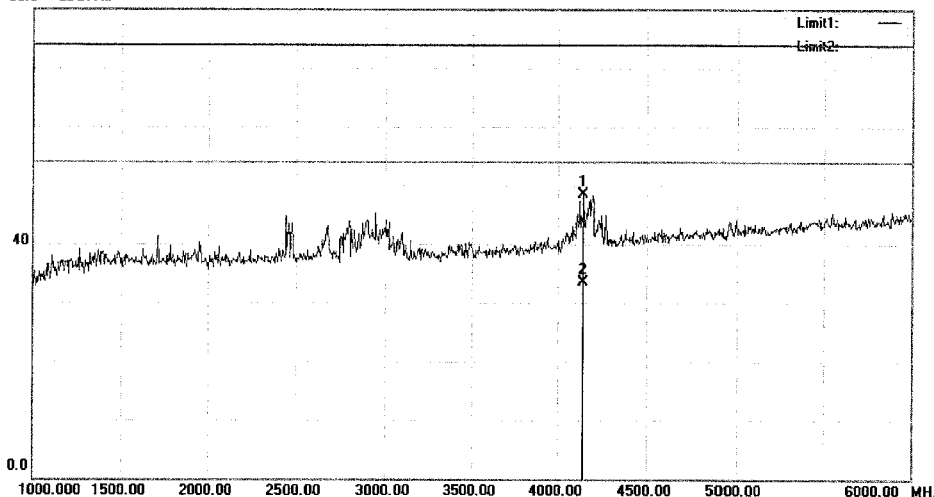

**Radiated Emission Measurement**

File :TUV-RE

Data :#1716

Date: 2016/08/11

00.0 dBuV/m



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:Memory playing

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		4145.000	65.53	-17.05	48.48	74.00	-25.52	peak		0
2	*	4145.000	50.50	-17.05	33.45	54.00	-20.55	AVG		0

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

Operator: KK

File :TUV-RE\Data :#1716

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

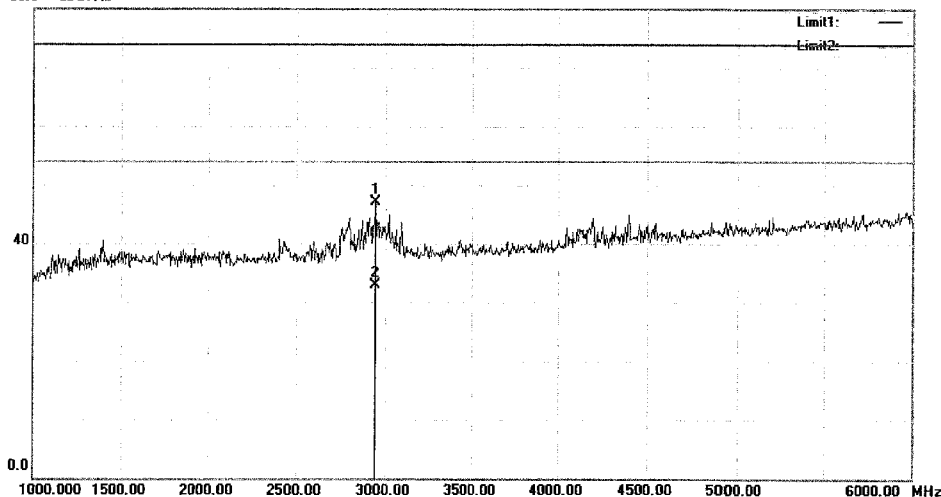

**Radiated Emission Measurement**

File :TUV--RE

Data :#1717

Date: 2016/08/11

80.0 dBuV/m



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:USB 1 playing

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		2945.000	67.53	-20.36	47.17	74.00	-26.83	peak		0
2	*	2945.000	53.20	-20.36	32.84	54.00	-21.16	AVG		0

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

Operator: KK

File :TUV--RE\Data :#1717

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

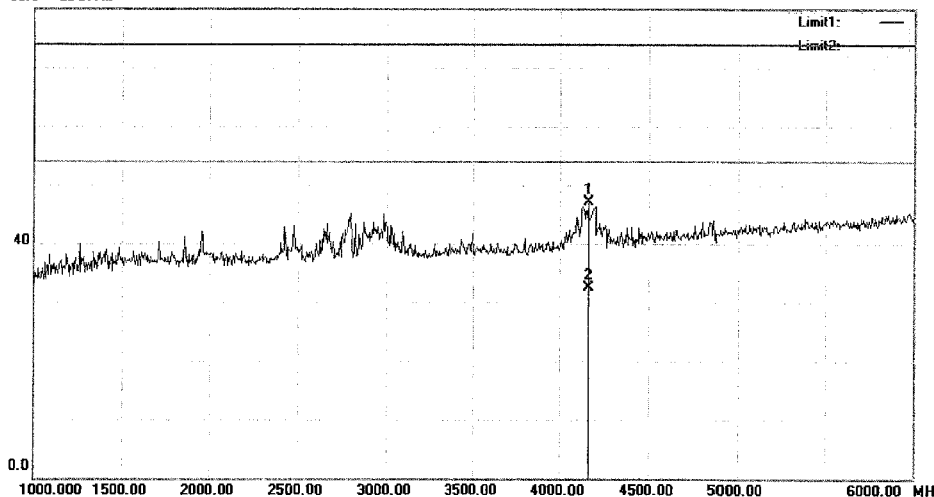

**Radiated Emission Measurement**

File :TUV--RE

Data :#1718

Date: 2016/08/11

80.0 dBuV/m



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:USB 1 playing

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		4160.000	64.04	-17.00	47.04	74.00	-26.96	peak	0	
2	*	4160.000	49.41	-17.00	32.41	54.00	-21.59	AVG	0	

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

Operator: KK

File :TUV--RE\Data :#1718

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

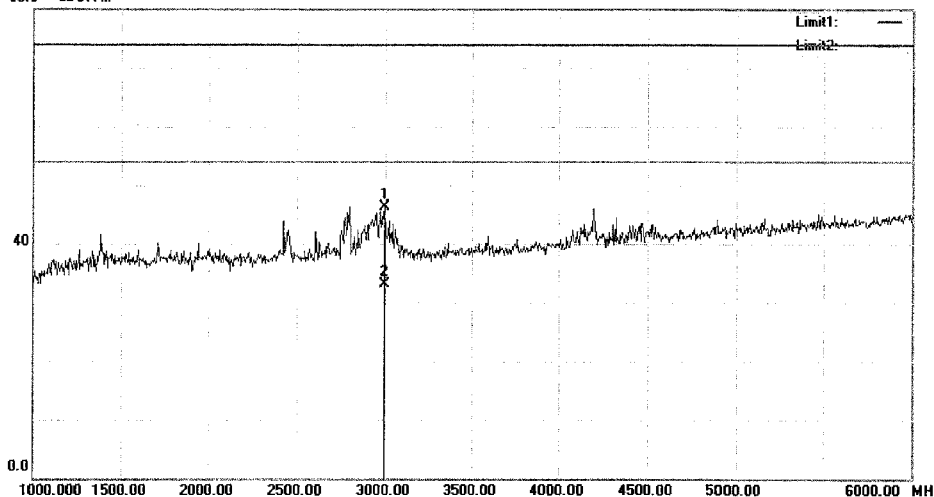

**Radiated Emission Measurement**

File :TUV--RE

Data :#1719

Date: 2016/08/11

80.0 dBuV/m



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:USB 2 playing

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		2995.000	66.68	-20.34	46.34	74.00	-27.66	peak		0
2	*	2995.000	53.35	-20.34	33.01	54.00	-20.99	AVG		0

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

Operator: KK

File :TUV--RE\Data :#1719

Page: 1

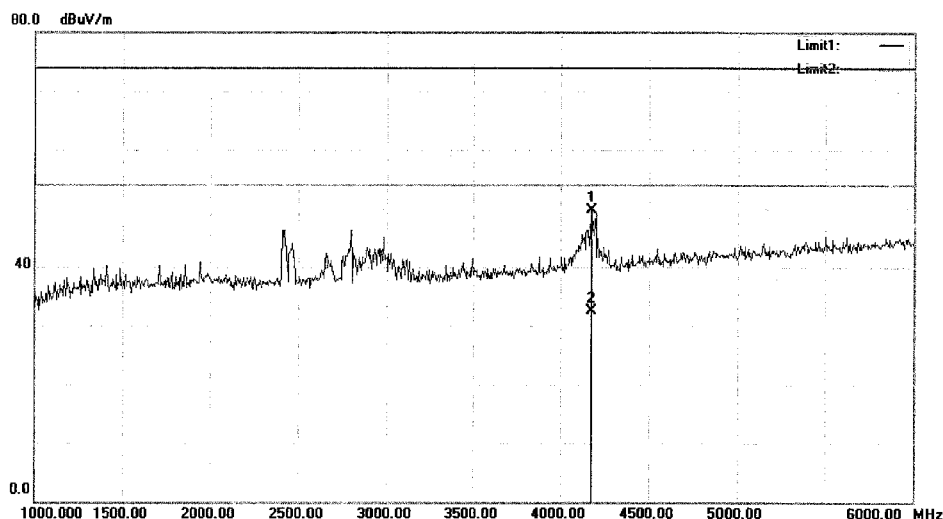
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV--RE

Data #1720

Date: 2016/08/11



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:USB 2 playing

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		4175.000	66.65	-16.95	49.70	74.00	-24.30	peak		0
2	*	4175.000	49.47	-16.95	32.52	54.00	-21.48	AVG		0

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

Operator: KK

File :TUV--RE\Data :#1720

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

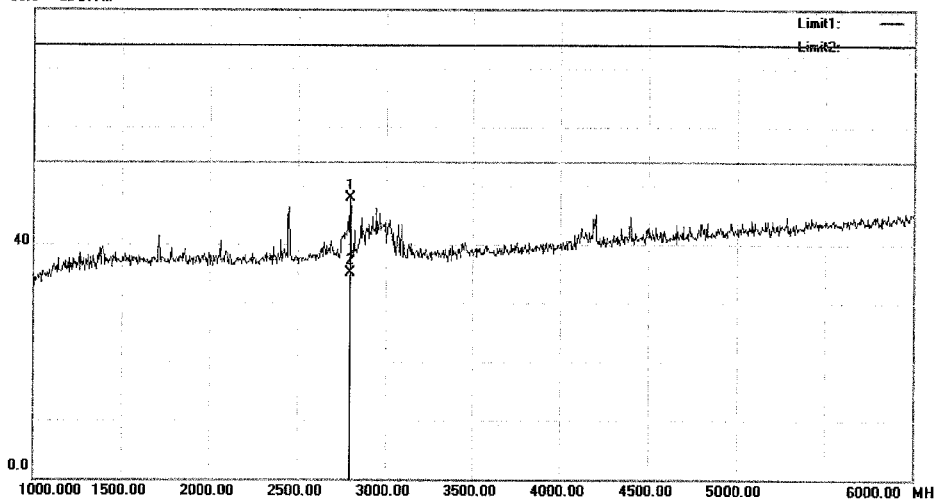

**Radiated Emission Measurement**

File :TUV--RE

Data :#1721

Date: 2016/08/11

00.0 dBuV/m



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:SD playing

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		2795.000	68.40	-20.43	47.97	74.00	-26.03	peak		0
2	*	2795.000	55.59	-20.43	35.16	54.00	-18.84	AVG		0

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

Operator: KK

File :TUV--REData :#1721

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

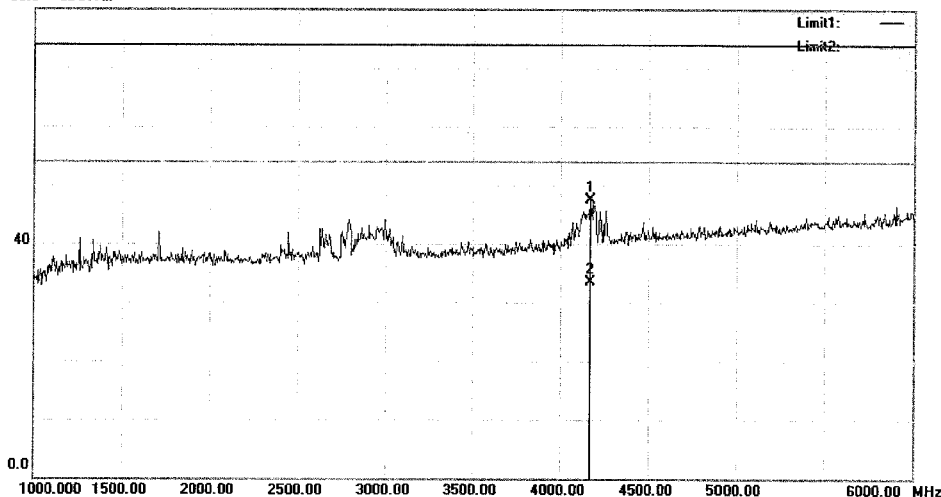

**Radiated Emission Measurement**

File :TUV--RE

Data :#1722

Date: 2016/08/11

00.0 dBuV/m



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:SD playing

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		4170.000	64.40	-16.97	47.43	74.00	-26.57	peak		0
2	*	4170.000	50.53	-16.97	33.56	54.00	-20.44	AVG		0

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

Operator: KK

File :TUV--RE\Data :#1722

Page: 1

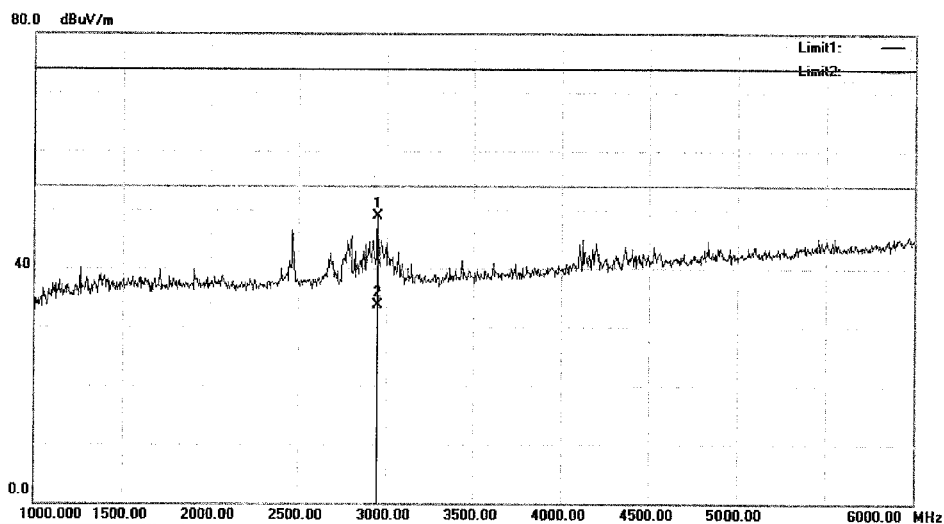
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV--RE

Data #1723

Date: 2016/08/11



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:Transfer Data(USB-SD)

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		2950.000	69.16	-20.35	48.81	74.00	-25.19	peak	0	
2	*	2950.000	53.98	-20.35	33.63	54.00	-20.37	AVG	0	

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

Operator: KK

File :TUV--RE\Data :#1723

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

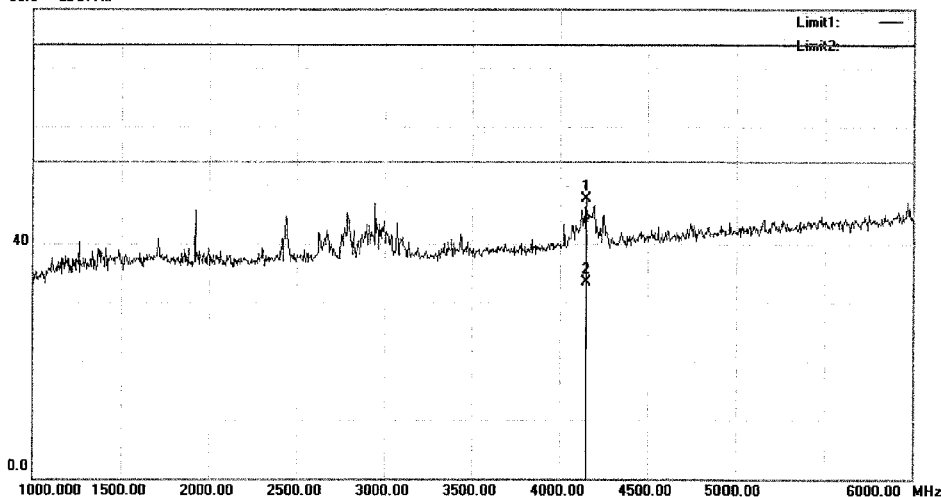

**Radiated Emission Measurement**

File :TUV-RE

Data :#1724

Date: 2016/08/11

80.0 dBuV/m



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:Transfer Data(USB-SD)

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		4150.000	64.68	-17.04	47.64	74.00	-26.36	peak		0
2	*	4150.000	50.56	-17.04	33.52	54.00	-20.48	AVG		0

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

Operator: KK

File :TUV-RE\Data :#1724

Page: 1

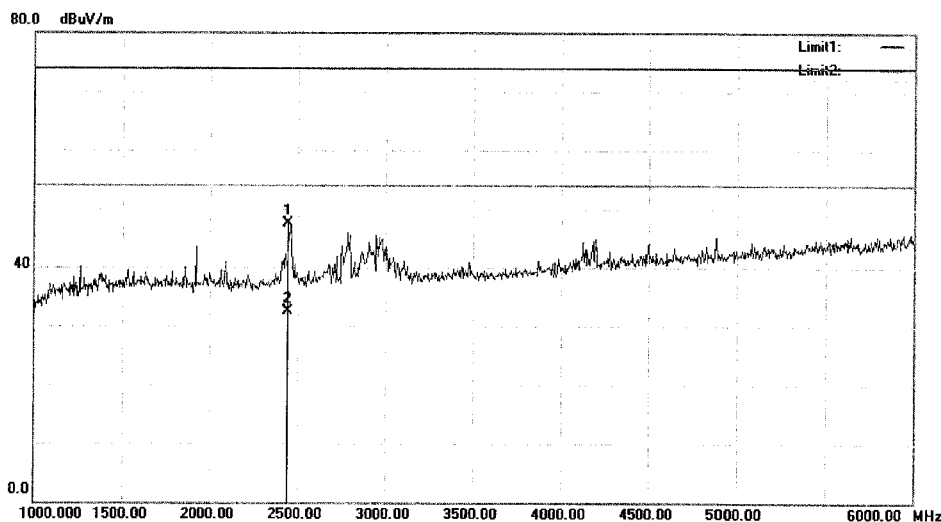
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV--RE

Data :#1725

Date: 2016/08/11



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:Transfer Data(Memory-SD)

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		2445.000	68.19	-20.72	47.47	74.00	-26.53	peak		0
2	*	2445.000	53.28	-20.72	32.56	54.00	-21.44	AVG		0

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

Operator: KK

File :TUV--RE\Data :#1725

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

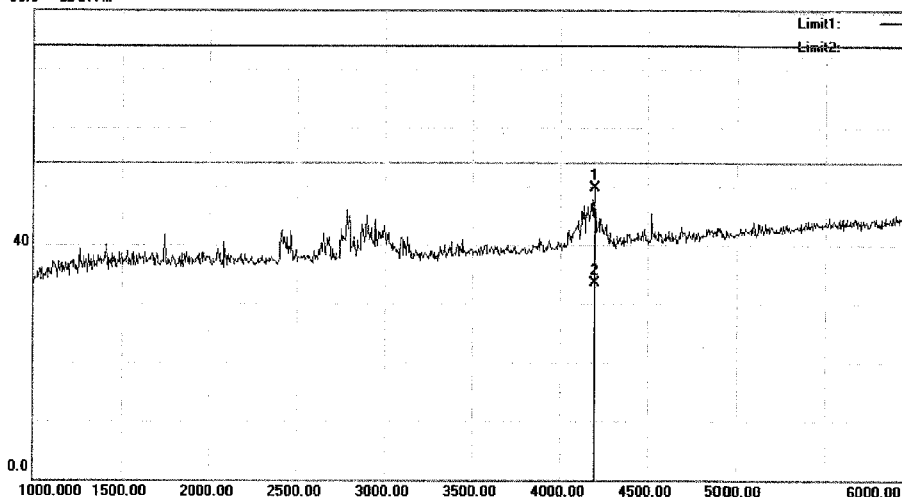

**Radiated Emission Measurement**

File :TUV--RE

Data :#1726

Date: 2016/08/11

00.0 dBuV/m



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:Transfer Data(Memory-SD)

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		4195.000	66.66	-16.90	49.76	74.00	-24.24	peak		0
2	*	4195.000	50.31	-16.90	33.41	54.00	-20.59	AVG		0

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

Operator: KK

File :TUV--REData :#1726

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

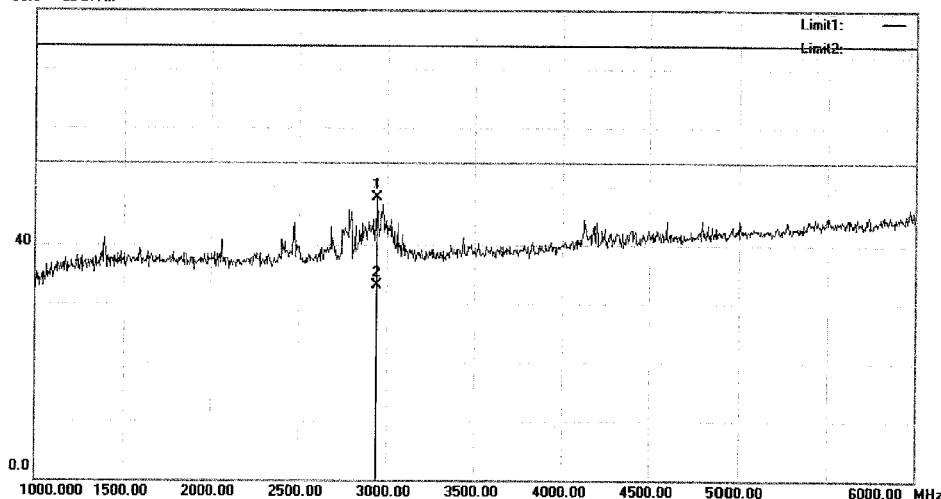

**Radiated Emission Measurement**

File :TUV--RE

Data :#1727

Date: 2016/08/11

80.0 dBuV/m



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:Transfer Data(Memory-USB)

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		2945.000	68.47	-20.36	48.11	74.00	-25.89	peak		0
2	*	2945.000	53.51	-20.36	33.15	54.00	-20.85	AVG		0

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

Operator: KK

File :TUV--REData :#1727

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

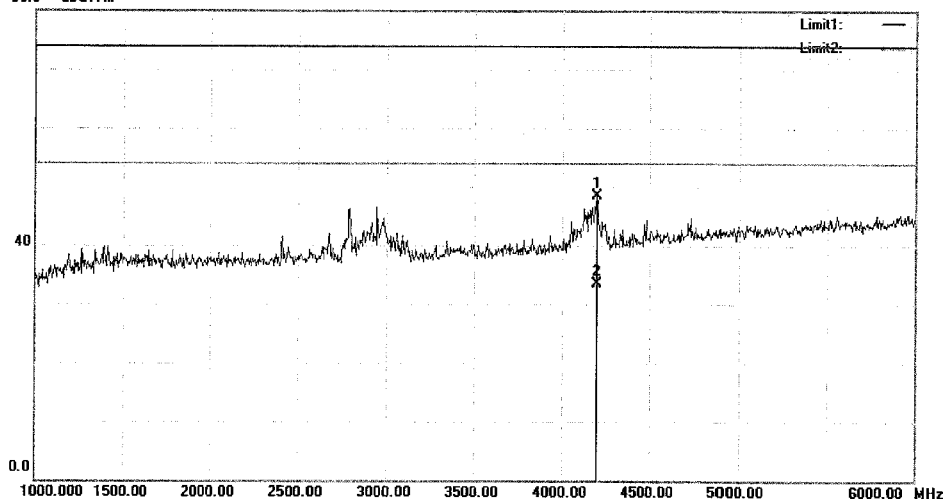

**Radiated Emission Measurement**

File :TUV--RE

Data :#1728

Date: 2016/08/11

80.0 dBuV/m



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:Transfer Data(Memory-USB)

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		4195.000	65.42	-16.90	48.52	74.00	-25.48	peak		0
2	*	4195.000	50.32	-16.90	33.42	54.00	-20.58	AVG		0

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

Operator: KK

File :TUV--RE\Data :#1728

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

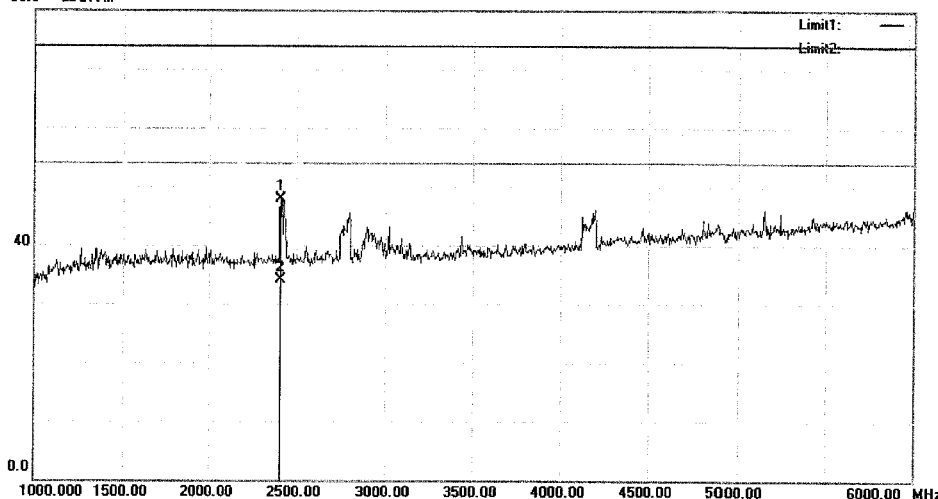

**Radiated Emission Measurement**

File :TUV--RE

Data :#1746

Date: 2016/08/11

80.0 dBuV/m



Site Conducted #3

 Polarization: **Horizontal**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:Lan Port

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		2410.000	68.78	-20.82	47.96	74.00	-26.04	peak		0
2	*	2410.000	54.97	-20.82	34.15	54.00	-19.85	AVG		0

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

Operator: KK

File :TUV--RE\Data :#1746

Page: 1

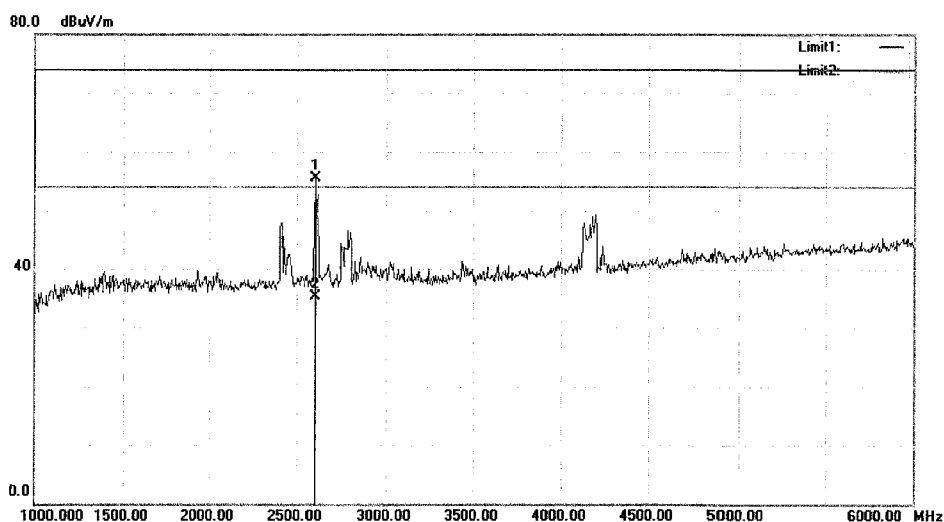
Shenzhen EMTEK Co., Ltd.  
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China  
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


**Radiated Emission Measurement**

File :TUV--RE

Data :#1745

Date: 2016/08/11



Site Conducted #3

 Polarization: **Vertical**

Temperature: 24

Limit: ( RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

M/N: P-WAL-106-YIT-01 (1#)

Mode:Lan Port

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	degree	Comment
1	*	2605.000	76.07	-20.52	55.55	74.00	-18.45	peak	0	
2		2605.000	55.88	-20.52	35.36	54.00	-18.64	AVG	0	

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

Operator: KK

File :TUV--REData :#1745

Page: 1

## 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 above 1GHz**



## 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 .....	61
Photograph 2: Set-up for Radiated Emission of below 1GHz .....	61
Photograph 3: Set-up for Radiated Emission of above 1GHz.....	62