

Prüfbericht-Nr.: Test Report No.:	50056690 005	Auftrags-Nr.: Order No.:	164069058	Seite 1 von 27 Page 1 of 27
Kunden-Referenz-Nr.: Client Reference No.:	N/A	Auftragsdatum: Order date:	14.07.2016	
Auftraggeber: Client:	ContextMedia LLC 330 N. Wabash Ave. Suite 2500, Chicago, IL 60611, USA			
Prüfgegenstand: Test item:	13.3" Tablet			
Bezeichnung / Typ-Nr.: Identification / Type No.:	P-TAB-104-YIT-01, P-TAB-104-YIT-02, P-TAB-104-YIT-03 (ContextMedia Health)			
Auftrags-Inhalt: Order content:	FCC/IC Verification			
Prüfgrundlage: Test specification:	CFR47 FCC Part 15: Subpart B Section 15.107 CFR47 FCC Part 15: Subpart B Section 15.109 ICES-003 Issue 6 January 2016			
Wareneingangsdatum: Date of receipt:	25.07.2016			
Prüfmuster-Nr.: Test sample No.:	A000403562-004			
Prüfzeitraum: Testing period:	04.08.2016 - 05.08.2016			
Ort der Prüfung: Place of testing:	Shenzhen EMTEK Co., Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
22.09.2016 Andy Yan/Project Manager		22.09.2016 Owen Tian/Technical Certifier		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position
Sonstiges / Other:		FCC ID: 2AI6X-PTABYIT IC: 21722-PTABYIT		
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
<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>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. 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.</p>				

Prüfbericht - Nr.: 50056690 005
Test Report No.

Seite 2 von 27
Page 2 of 27

TEST SUMMARY

5.1.1 CONDUCTED EMISSIONS

RESULT: Pass

5.2.1 RADIATED EMISSION

RESULT: Pass

CONTENTS

1.	GENERAL REMARKS	4
1.1	COMPLEMENTARY MATERIALS	4
2.	TEST SITES	4
2.1	TEST FACILITIES.....	4
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS.....	5
2.3	TRACEABILITY	6
2.4	CALIBRATION	6
2.5	MEASUREMENT UNCERTAINTY	6
2.6	LOCATION OF ORIGINAL DATA	6
2.7	STATUS OF FACILITY USED FOR TESTING.....	6
2.8	TEST SETUP DIAGRAM.....	7
3.	GENERAL PRODUCT INFORMATION	8
3.1	PRODUCT FUNCTION AND INTENDED USE.....	8
3.2	RATINGS AND SYSTEM DETAILS	8
3.3	INDEPENDENT OPERATION MODES	8
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS	8
3.5	SUBMITTED DOCUMENTS	9
4.	TEST SET-UP AND OPERATION MODES	10
4.1	PRINCIPLE OF CONFIGURATION SELECTION	10
4.2	TEST OPERATION AND TEST SOFTWARE.....	10
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT.....	10
4.4	COUNTERMEASURES TO ACHIEVE ERM COMPLIANCE	10
5.	TEST RESULTS EMISSION	11
5.1	EMISSION IN THE FREQUENCY RANGE UP TO 30 MHz	11
5.1.1	<i>Conducted emissions.....</i>	<i>11</i>
5.2	EMISSION IN THE FREQUENCY RANGE ABOVE 30 MHz.....	16
5.2.1	<i>Radiated Emission</i>	<i>16</i>
6.	PHOTOGRAPHS OF THE TEST SET-UP.....	25
7.	LIST OF TABLES	27
8.	LIST OF PHOTOGRAPHS	27

Prüfbericht - Nr.: 50056690 005
*Test Report No.***Seite 4 von 27**
Page 4 of 27

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
Radiated Emissions				
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
Conducted Emission				
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

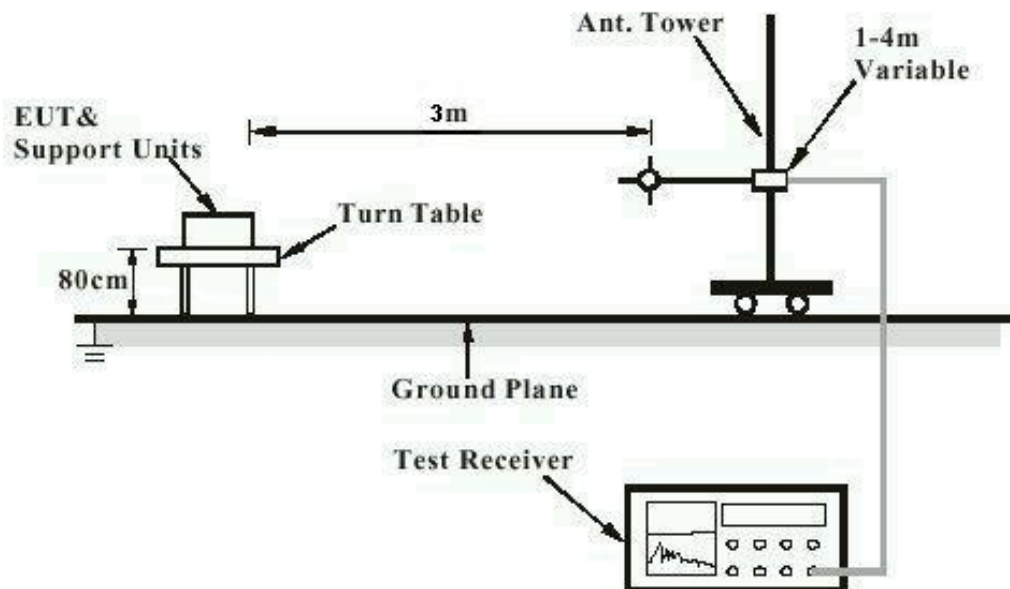
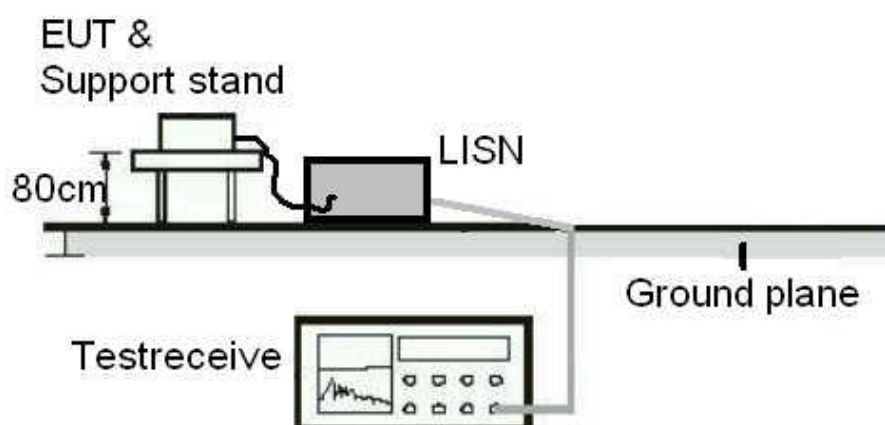


Diagram of Measurement Equipment Configuration for Conduction Measurement



3. General Product Information

3.1 Product Function and Intended Use

The EUTs are 13.3" 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	13.3" Tablet
Type Designation	P-TAB-104-YIT-01, P-TAB-104-YIT-02, P-TAB-104-YIT-03
FCC ID	2AI6X-PTABYIT
IC	21722-PTABYIT
Extreme Temperature Range	0~+40°C
Operation Voltage	DC 5V (via AC/DC adapter)

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, playing 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	Shenzhen Mass Power Electronic Limited	NBS18C050250VU	Input: AC 100-240V, 50/60Hz, 0.6A Output: DC 5V, 3.0A

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
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	:	2016-08-05
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	:	26°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

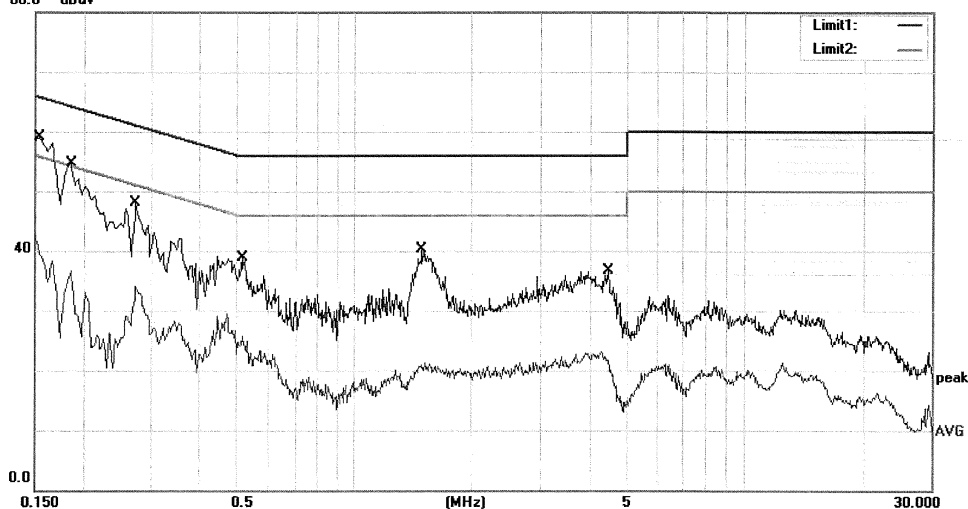

Conducted Emission Measurement

File :TUV

Data :#1024

Date: 2016/08/05

80.0 dBuV



Site Conduction #2

Phase: L1

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: 13.3' TABLET

M/N: P-TAB-104-YIT-01

Mode: video play(MEMARY)

Note:

GND

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1540	49.50	9.62	59.12	65.78	-6.66	QP	
2		0.1540	33.12	9.62	42.74	55.78	-13.04	AVG	
3		0.1860	45.17	9.63	54.80	64.21	-9.41	QP	
4		0.1860	27.00	9.63	36.63	54.21	-17.58	AVG	
5		0.2740	38.48	9.65	48.13	61.00	-12.87	QP	
6		0.2740	24.41	9.65	34.06	51.00	-16.94	AVG	
7		0.5140	29.09	9.72	38.81	56.00	-17.19	QP	
8		0.5140	19.85	9.72	29.57	46.00	-16.43	AVG	
9		1.4940	30.50	9.85	40.35	56.00	-15.65	QP	
10		1.4940	11.41	9.85	21.26	46.00	-24.74	AVG	
11		4.4420	26.77	9.87	36.64	56.00	-19.36	QP	
12		4.4420	13.18	9.87	23.05	46.00	-22.95	AVG	

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

Comment: Factor build in receiver.

Operator: CSL

File :TUVData :#1024

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

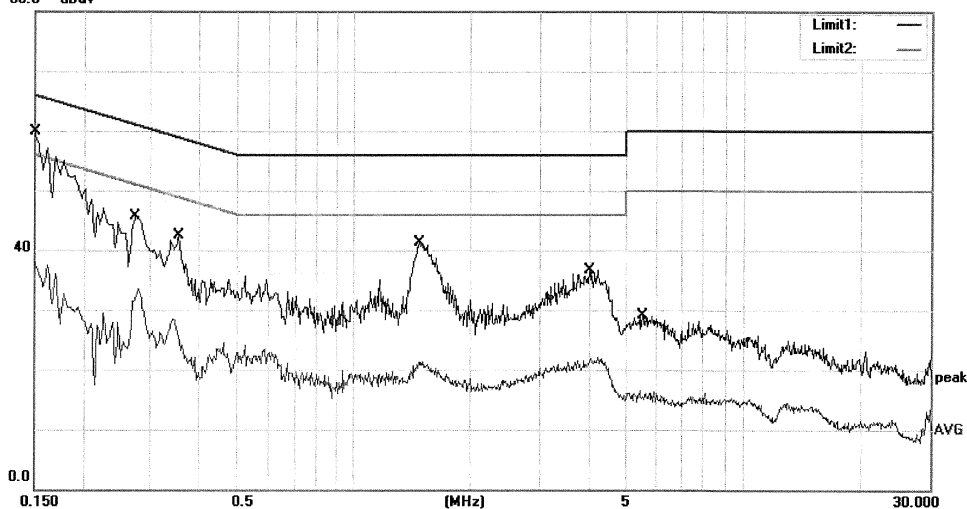

Conducted Emission Measurement

File :TUV

Data :#1025

Date: 2016/08/05

80.0 dBuV



Site Conduction #2

Phase: N

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: 13.3' TABLET

M/N: P-TAB-104-YIT-01

Mode: video play(MEMARY)

Note:

GND

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1500	50.21	9.62	59.83	66.00	-6.17	QP	
2		0.1500	28.57	9.62	38.19	56.00	-17.81	AVG	
3		0.2740	36.06	9.65	45.71	61.00	-15.29	QP	
4		0.2740	23.90	9.65	33.55	51.00	-17.45	AVG	
5		0.3540	32.79	9.67	42.46	58.87	-16.41	QP	
6		0.3540	18.89	9.67	28.56	48.87	-20.31	AVG	
7		1.4780	31.51	9.85	41.36	56.00	-14.64	QP	
8		1.4780	11.52	9.85	21.37	46.00	-24.63	AVG	
9		3.9900	26.89	9.86	36.75	56.00	-19.25	QP	
10		3.9900	12.33	9.86	22.19	46.00	-23.81	AVG	
11		5.4780	19.30	9.87	29.17	60.00	-30.83	QP	
12		5.4780	6.47	9.87	16.34	50.00	-33.66	AVG	

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

Comment: Factor build in receiver.

Operator: CSL

File :TUVData :#1025

Page: 1

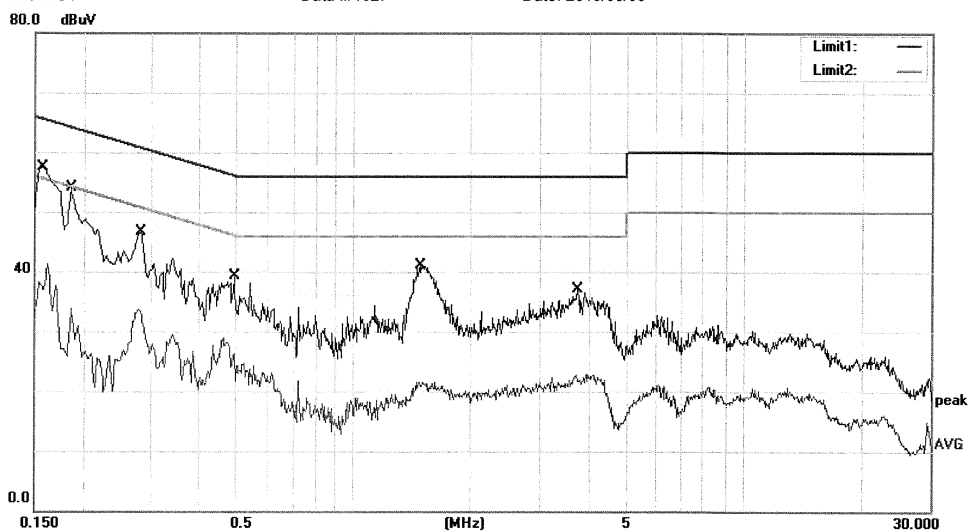
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Conducted Emission Measurement

File :TUV

Data :#1027

Date: 2016/08/05



Site Conduction #2

Phase: L1

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: 13.3' TABLET

M/N: P-TAB-104-YIT-01

Mode: video play(TF CARD)

Note:

GND

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1580	47.93	9.62	57.55	65.57	-8.02	QP	
2		0.1580	31.65	9.62	41.27	55.57	-14.30	AVG	
3		0.1860	44.37	9.63	54.00	64.21	-10.21	QP	
4		0.1860	24.37	9.63	34.00	54.21	-20.21	AVG	
5		0.2820	37.09	9.65	46.74	60.76	-14.02	QP	
6		0.2820	20.73	9.65	30.38	50.76	-20.38	AVG	
7		0.4940	29.57	9.71	39.28	56.10	-16.82	QP	
8		0.4940	19.17	9.71	28.88	46.10	-17.22	AVG	
9		1.4820	31.21	9.85	41.06	56.00	-14.94	QP	
10		1.4820	11.69	9.85	21.54	46.00	-24.46	AVG	
11		3.7220	27.15	9.86	37.01	56.00	-18.99	QP	
12		3.7220	13.04	9.86	22.90	46.00	-23.10	AVG	

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

Comment: Factor build in receiver.

Operator: CSL

File :TUVData :#1027

Page: 1

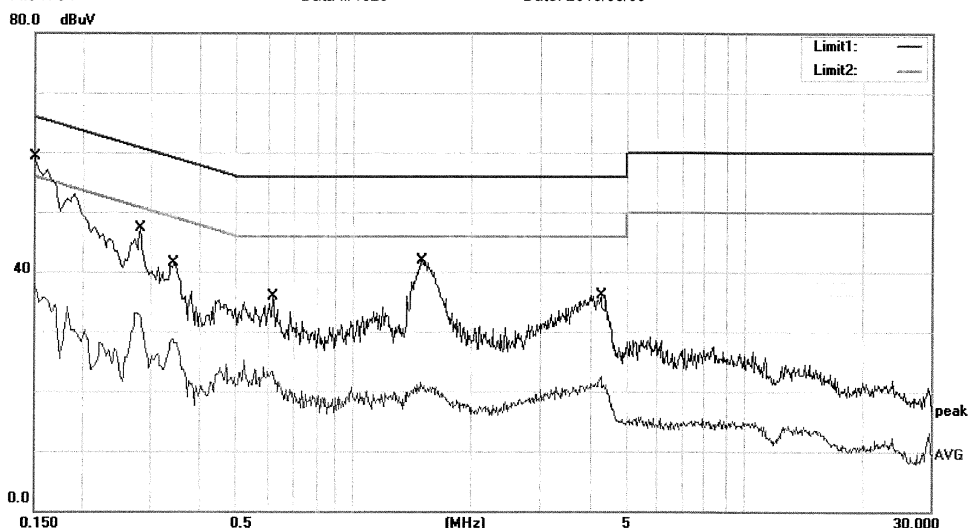
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Conducted Emission Measurement

File :TUV

Data :#1026

Date: 2016/08/05



Site Conduction #2

Phase: N

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: 13.3' TABLET

M/N: P-TAB-104-YIT-01

Mode: video play(TF CARD)

Note:

GND

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1500	49.70	9.62	59.32	66.00	-6.68	QP	
2		0.1500	28.52	9.62	38.14	56.00	-17.86	AVG	
3		0.2820	37.67	9.65	47.32	60.76	-13.44	QP	
4		0.2820	23.42	9.65	33.07	50.76	-17.69	AVG	
5		0.3460	31.85	9.67	41.52	59.06	-17.54	QP	
6		0.3460	19.12	9.67	28.79	49.06	-20.27	AVG	
7		0.6180	26.20	9.75	35.95	56.00	-20.05	QP	
8		0.6180	14.40	9.75	24.15	46.00	-21.85	AVG	
9		1.5020	32.10	9.85	41.95	56.00	-14.05	QP	
10		1.5020	11.61	9.85	21.46	46.00	-24.54	AVG	
11		4.2740	26.21	9.87	36.08	56.00	-19.92	QP	
12		4.2740	12.58	9.87	22.45	46.00	-23.55	AVG	

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

Comment: Factor build in receiver.

Operator: CSL

File :TUVData :#1026

Page: 1

5.2 Emission in the Frequency Range above 30 MHz

5.2.1 Radiated Emission

RESULT:**Pass**

Date of testing	:	2016-08-04 to 2016-08-05
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	:	22°C
Relative humidity	:	50%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

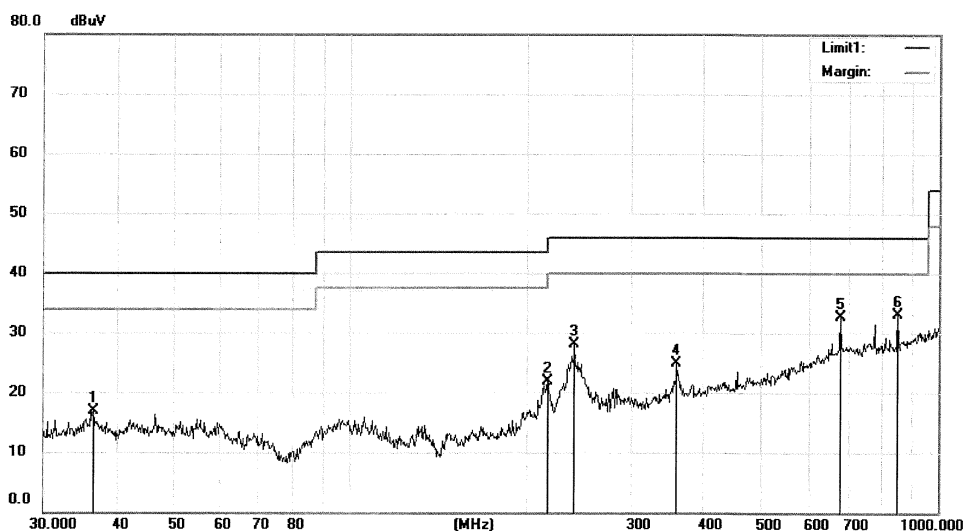
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File :TUV 2016

Data :#30

Date: 2016/08/04



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 50 %

EUT: 13.3' TABLET

M/N: P-TAB-104-YIT-01

Mode:video play(MEMARY)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
1		36.3814	29.54	-12.63	16.91	40.00	-23.09	QP		
2		216.0240	34.09	-12.09	22.00	46.00	-24.00	QP		
3		239.9873	39.16	-11.07	28.09	46.00	-17.91	QP		
4		360.4476	32.49	-7.62	24.87	46.00	-21.13	QP		
5		679.9600	35.32	-2.66	32.66	46.00	-13.34	QP		
6	*	851.0353	33.27	-0.10	33.17	46.00	-12.83	QP		

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

Operator: KK

File :TUV 2016Data :#30

Page: 1

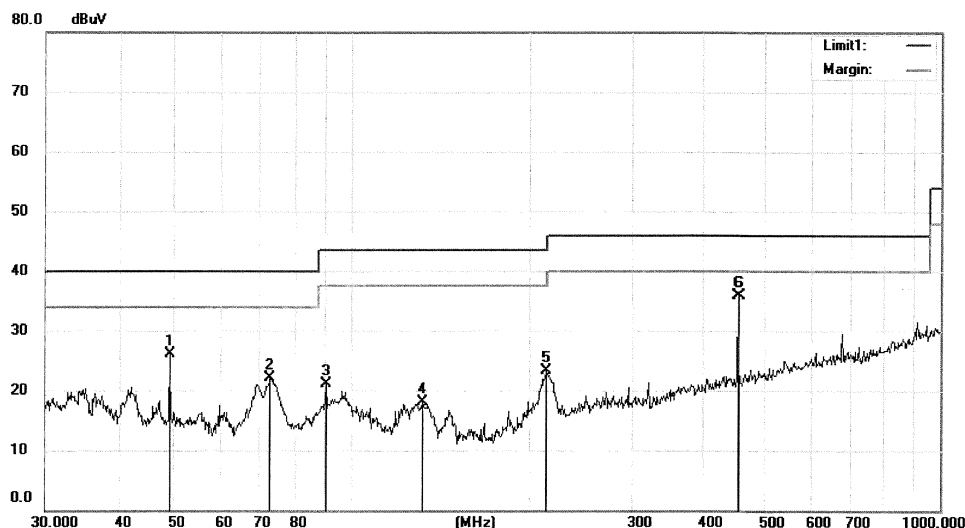
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File :TUV 2016

Data :#29

Date: 2016/08/04



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 50 %

EUT: 13.3' TABLET

M/N: P-TAB-104-YIT-01

Mode:video play(MEMARY)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		49.0145	38.58	-12.51	26.07	40.00	-13.93	QP		
2		72.8466	39.55	-17.49	22.06	40.00	-17.94	QP		
3		90.5374	34.61	-13.45	21.16	43.50	-22.34	QP		
4		132.2206	34.22	-16.16	18.06	43.50	-25.44	QP		
5		214.5143	35.44	-12.18	23.26	43.50	-20.24	QP		
6	*	455.9058	42.48	-6.61	35.87	46.00	-10.13	QP		

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

Operator: KK

File :TUV 2016Data :#29

Page: 1

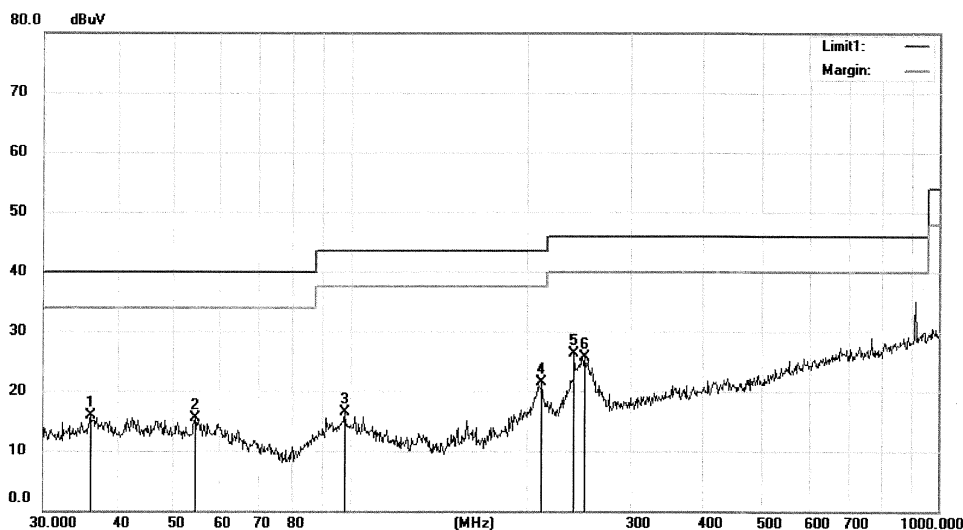
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File :TUV 2016

Data :#31

Date: 2016/08/04



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 50 %

EUT: 13.3' TABLET

M/N: P-TAB-104-YIT-01

Mode: video play(TF CARD)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		36.0007	28.50	-12.64	15.86	40.00	-24.14	QP		
2		54.6430	28.36	-12.93	15.43	40.00	-24.57	QP		
3		98.1420	28.84	-12.33	16.51	43.50	-26.99	QP		
4		211.5265	33.82	-12.32	21.50	43.50	-22.00	QP		
5	*	239.9873	37.40	-11.07	26.33	46.00	-19.67	QP		
6		250.3012	36.35	-10.59	25.76	46.00	-20.24	QP		

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

Operator: KK

File :TUV 2016\Data :#31

Page: 1

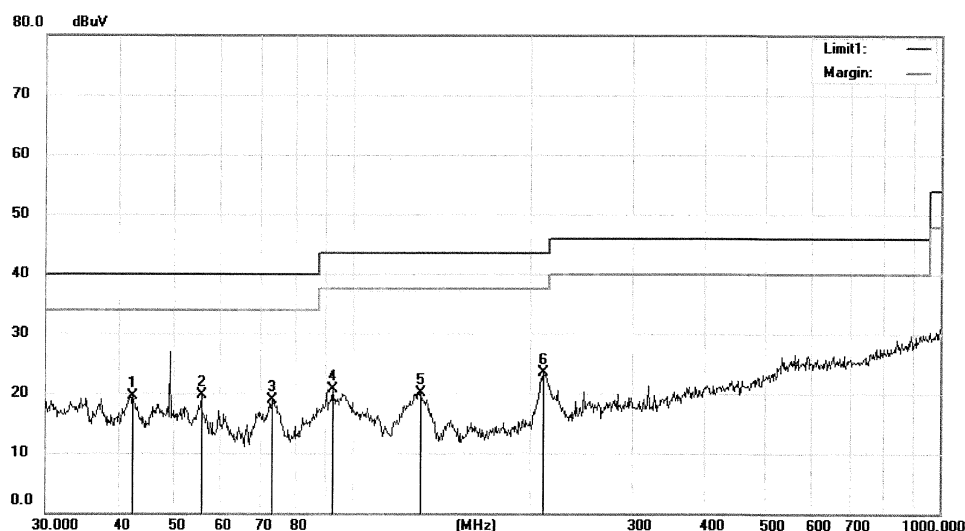
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File :TUV 2016

Data :#32

Date: 2016/08/04



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 50 %

EUT: 13.3' TABLET

M/N: P-TAB-104-YIT-01

Mode: video play(TF CARD)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		42.3022	31.78	-12.27	19.51	40.00	-20.49	QP		
2		55.6094	32.75	-12.97	19.78	40.00	-20.22	QP		
3		73.3593	36.57	-17.59	18.98	40.00	-21.02	QP		
4		92.7871	33.72	-13.03	20.69	43.50	-22.81	QP		
5		131.2965	36.20	-16.13	20.07	43.50	-23.43	QP		
6	*	210.7860	35.95	-12.36	23.59	43.50	-19.91	QP		

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

Operator: KK

File :TUV 2016\Data :#32

Page: 1

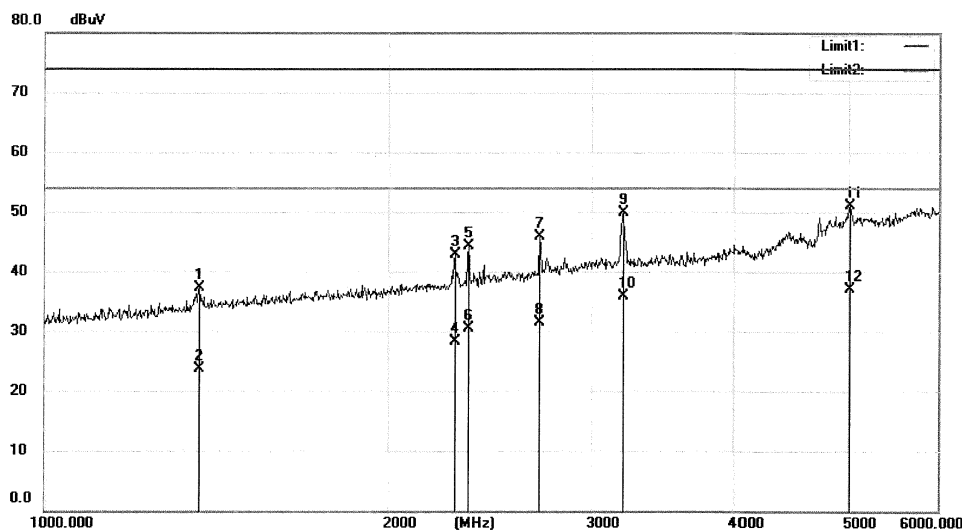
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File :TUV 2016

Data :#34

Date: 2016/08/05



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: 13.3' TABLET

M/N: P-TAB-104-YIT-01

Mode:video play(MEMARY)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		1368.285	48.89	-11.64	37.25	74.00	-36.75	peak		
2		1368.285	35.34	-11.64	23.70	54.00	-30.30	AVG		
3		2280.077	51.16	-8.34	42.82	74.00	-31.18	peak		
4		2280.077	36.74	-8.34	28.40	54.00	-25.60	AVG		
5		2342.188	52.34	-8.09	44.25	74.00	-29.75	peak		
6		2342.188	38.59	-8.09	30.50	54.00	-23.50	AVG		
7		2698.335	52.48	-6.61	45.87	74.00	-28.13	peak		
8		2698.335	38.21	-6.61	31.60	54.00	-22.40	AVG		
9		3199.044	55.08	-5.11	49.97	74.00	-24.03	peak		
10		3199.044	41.01	-5.11	35.90	54.00	-18.10	AVG		
11		5024.748	50.61	0.52	51.13	74.00	-22.87	peak		
12	*	5024.748	36.68	0.52	37.20	54.00	-16.80	AVG		

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

Operator: KK

File :TUV 2016\Data :#34

Page: 1

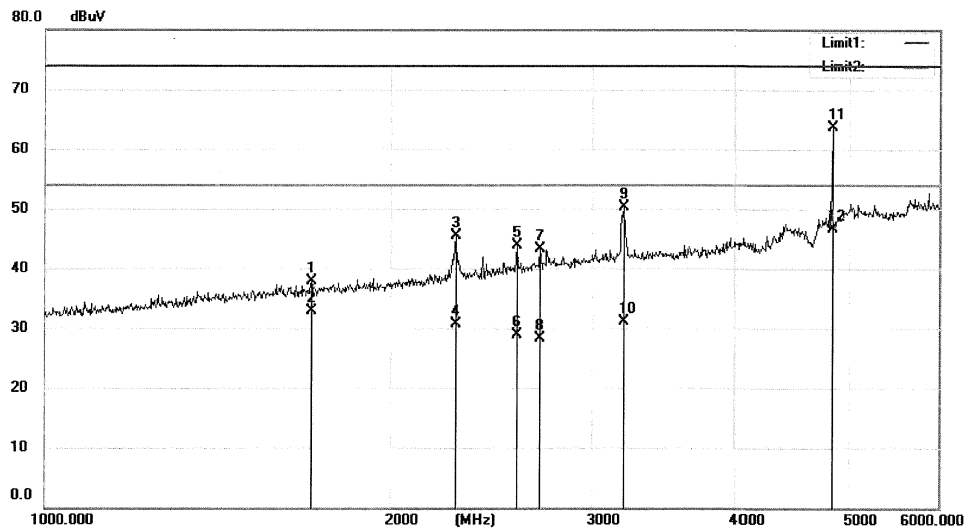
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File :TUV 2016

Data :#33

Date: 2016/08/05



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: 13.3' TABLET

M/N: P-TAB-104-YIT-01

Mode:video play(MEMARY)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		1708.706	48.25	-10.30	37.95	74.00	-36.05	peak		
2		1708.706	43.20	-10.30	32.90	54.00	-21.10	AVG		
3		2280.077	53.75	-8.34	45.41	74.00	-28.59	peak		
4		2280.077	39.14	-8.34	30.80	54.00	-23.20	AVG		
5		2580.133	51.00	-7.12	43.88	74.00	-30.12	peak		
6		2580.133	36.02	-7.12	28.90	54.00	-25.10	AVG		
7		2698.335	50.01	-6.61	43.40	74.00	-30.60	peak		
8		2698.335	35.01	-6.61	28.40	54.00	-25.60	AVG		
9		3193.317	55.44	-5.12	50.32	74.00	-23.68	peak		
10		3193.317	36.22	-5.12	31.10	54.00	-22.90	AVG		
11		4839.195	63.71	-0.04	63.67	74.00	-10.33	peak		
12	*	4839.195	46.84	-0.04	46.80	54.00	-7.20	AVG		

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

Operator: KK

File :TUV 2016\Data :#33

Page: 1

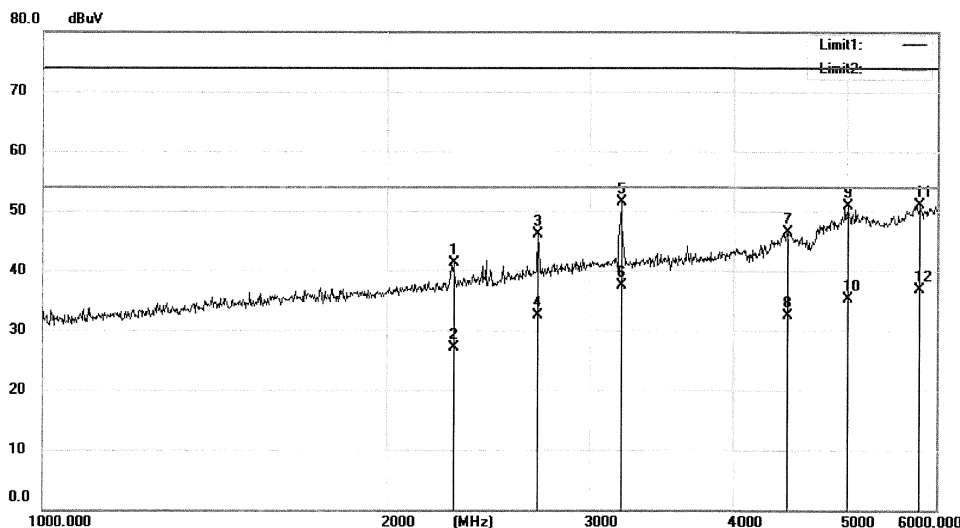
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File :TUV 2016

Data :#35

Date: 2016/08/05



Site 3m Chamber #1

 Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: 13.3' TABLET

M/N: P-TAB-104-YIT-01

Mode: video play(TF CARD)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		2280.077	49.64	-8.34	41.30	74.00	-32.70	peak		
2		2280.077	35.44	-8.34	27.10	54.00	-26.90	AVG		
3		2698.335	52.81	-6.61	46.20	74.00	-27.80	peak		
4		2698.335	39.21	-6.61	32.60	54.00	-21.40	AVG		
5		3193.317	56.57	-5.12	51.45	74.00	-22.55	peak		
6	*	3193.317	42.62	-5.12	37.50	54.00	-16.50	AVG		
7		4448.361	47.87	-1.38	46.49	74.00	-27.51	peak		
8		4448.361	33.88	-1.38	32.50	54.00	-21.50	AVG		
9		5015.753	50.32	0.52	50.84	74.00	-23.16	peak		
10		5015.753	34.88	0.52	35.40	54.00	-18.60	AVG		
11		5799.177	49.74	1.39	51.13	74.00	-22.87	peak		
12		5799.177	35.51	1.39	36.90	54.00	-17.10	AVG		

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

Operator: KK

File :TUV 2016\Data :#35

Page: 1

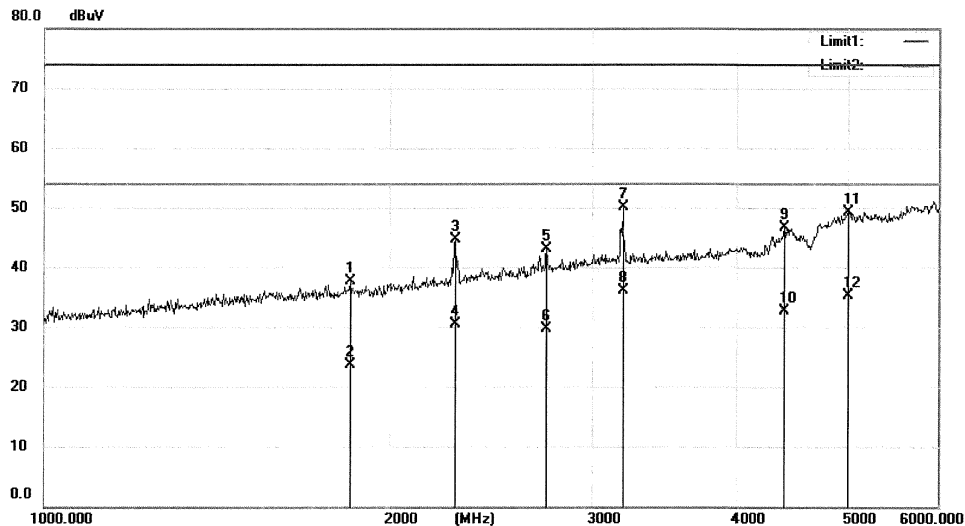
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File :TUV 2016

Data :#36

Date: 2016/08/05



Site 3m Chamber #1

 Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: 13.3' TABLET

M/N: P-TAB-104-YIT-01

Mode:video play(TF CARD)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		1848.868	47.59	-9.89	37.70	74.00	-36.30	peak		
2		1848.868	33.69	-9.89	23.80	54.00	-30.20	AVG		
3		2280.077	52.97	-8.34	44.63	74.00	-29.37	peak		
4		2280.077	38.94	-8.34	30.60	54.00	-23.40	AVG		
5		2737.291	49.57	-6.43	43.14	74.00	-30.86	peak		
6		2737.291	36.13	-6.43	29.70	54.00	-24.30	AVG		
7		3193.317	55.18	-5.12	50.06	74.00	-23.94	peak		
8	*	3193.317	41.22	-5.12	36.10	54.00	-17.90	AVG		
9		4400.794	48.29	-1.55	46.74	74.00	-27.26	peak		
10		4400.794	34.35	-1.55	32.80	54.00	-21.20	AVG		
11		5006.774	48.82	0.52	49.34	74.00	-24.66	peak		
12		5006.774	34.88	0.52	35.40	54.00	-18.60	AVG		

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

Operator: KK

File :TUV 2016\Data :#36

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	25
Photograph 2: Set-up for Radiated Emission of below 1GHz	25
Photograph 3: Set-up for Radiated Emission of above 1GHz.....	26