
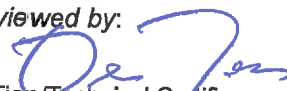


Prüfbericht-Nr.: <i>Test Report No.:</i>	50055364 001	Auftrags-Nr.: <i>Order No.:</i>	164069058	Seite 1 von 93 <i>Page 1 of 93</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	14.07.2016	
Auftraggeber: <i>Client:</i>	ContextMedia LLC 330 N. Wabash Ave STE 2500, Chicago, Illinois United States			
Prüfgegenstand: <i>Test item:</i>	Wallboard 32" Tablet			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	P-WAL-106-YIT-01, P-WAL-106-YIT-02, P-WAL-106-YIT-03 (ContextMedia Health)			
Auftrags-Inhalt: <i>Order content:</i>	FCC/IC Certification			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 RSS-247 Issue 1 May 2015 RSS-Gen Issue 4 November 2014			
Wareneingangsdatum: <i>Date of receipt:</i>	25.07.2016			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000395273-001, A000395273-002, A000395273-003			
Prüfzeitraum: <i>Testing period:</i>	27.07.2016 - 13.09.2016			
Ort der Prüfung: <i>Place of testing:</i>	Shenzhen EMTEK Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
18.09.2016 Andy Yan/Project Manager 		18.09.2016 Owen Tian/Technical Certifier 		
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>
				Unterschrift <i>Signature</i>
Sonstiges / Other:		FCC ID: 2AI6X-PWALYIT IC: 21722-PWALYIT		
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <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>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. <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>				

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Pass***5.1.2 PEAK OUTPUT POWER***RESULT: Pass***5.1.3 20dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.4 6dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.5 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH***RESULT: Pass***5.1.6 POWER SPECTRAL DENSITY***RESULT: Pass***5.1.7 SPURIOUS EMISSION***RESULT: Pass***5.1.8 FREQUENCY SEPARATION***RESULT: Pass***5.1.9 NUMBER OF HOPPING FREQUENCY***RESULT: Pass***5.1.10 TIME OF OCCUPANCY***RESULT: Pass***5.1.11 CONDUCTED EMISSIONS***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.....	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	10
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS	10
3.5	SUBMITTED DOCUMENTS	10
4.	TEST SET-UP AND OPERATION MODES	11
4.1	PRINCIPLE OF CONFIGURATION SELECTION.....	11
4.2	TEST OPERATION AND TEST SOFTWARE	11
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	11
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE.....	11
4.5	TEST SETUP DIAGRAM	12
5.	TEST RESULTS	14
5.1	TRANSMITTER REQUIREMENT & TEST SUITES	14
5.1.1	Antenna Requirement	14
5.1.2	Peak Output Power	15
5.1.3	20dB Bandwidth and 99% Bandwidth.....	16
5.1.4	6dB Bandwidth and 99% Bandwidth.....	17
5.1.5	Conducted Spurious Emissions measured in 100kHz Bandwidth.....	18
5.1.6	Power spectral density	31
5.1.7	Spurious Emission	32
5.1.8	Frequency Separation.....	85
5.1.9	Number of hopping frequency.....	86
5.1.10	Time of Occupancy.....	87
5.1.11	Conducted emissions	88
6.	PHOTOGRAPHS OF THE TEST SET-UP	91
7.	LIST OF TABLES	93
8.	LIST OF PHOTOGRAPHS	93

Prüfbericht - Nr.: 50055364 001
*Test Report No.***Seite 4 von 93**
Page 4 of 93

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
Transmitter spurious 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
Radio Spectrum Test				
EMI Test Receiver	Rohde & Schwarz	ESCI	101045	2017-05-16
Vector Signal Generater	Agilent	N5182B	My53050553	2017-05-28
Analog Signal Generator	Agilent	N5171B	My53050878	2017-05-28
Signal Analyzer	Agilent	N9010A	My53470879	2017-05-28
Power Meter	Agilent	PS-X10-100	N/A	2017-05-28
Temp. / Humidity Chamber	Kingson	THS-M1	242	2017-05-28
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

Table 2: Measurement Uncertainty

Parameter	Uncertainty
Radio Frequency	$\pm 1 \times 10^{-5}$
Maximum Peak Output Power Test	$\pm 1.0\text{dB}$
Conducted Emissions Test	$\pm 2.0\text{dB}$
Radiated Emission Test	$\pm 2.0\text{dB}$
Power Density	$\pm 2.0\text{dB}$
Occupied Bandwidth Test	$\pm 1.0\text{dB}$
Band Edge Test	$\pm 3\text{dB}$
All emission, radiated	$\pm 3\text{dB}$
Antenna Port Emission	$\pm 3\text{dB}$
Temperature	$\pm 0.5^\circ\text{C}$
Humidity	$\pm 3\%$

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.

Prüfbericht - Nr.: 50055364 001
*Test Report No.***Seite 7 von 93**
Page 7 of 93

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.

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 Bluetooth (BDR & EDR mode)

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
Operating Frequency band	2402 – 2480MHz
Channel separation	1MHz
Extreme Temperature Range	0~+40°C
Operation Voltage	DC 12V (via AC/DC adapter)
Modulation	FHSS, GFSK, 8DPSK, $\pi/4$ DQPSK
Bluetooth version	4.0, Dual Mode
Antenna Gain	2.52dBi

Table 4: RF channel and frequency of Bluetooth (BDR & EDR mode)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	21	2423.00	42	2444.00	63	2465.00
1	2403.00	22	2424.00	43	2445.00	64	2466.00
2	2404.00	23	2425.00	44	2446.00	65	2467.00
3	2405.00	24	2426.00	45	2447.00	66	2468.00
4	2406.00	25	2427.00	46	2448.00	67	2469.00
5	2407.00	26	2428.00	47	2449.00	68	2470.00
6	2408.00	27	2429.00	48	2450.00	69	2471.00
7	2409.00	28	2430.00	49	2451.00	70	2472.00
8	2410.00	29	2431.00	50	2452.00	71	2473.00
9	2411.00	30	2432.00	51	2453.00	72	2474.00
10	2412.00	31	2433.00	52	2454.00	73	2475.00
11	2413.00	32	2434.00	53	2455.00	74	2476.00

Prüfbericht - Nr.: 50055364 001
Test Report No.
Seite 9 von 93
Page 9 of 93

12	2414.00	33	2435.00	54	2456.00	75	2477.00
13	2415.00	34	2436.00	55	2457.00	76	2478.00
14	2416.00	35	2437.00	56	2458.00	77	2479.00
15	2417.00	36	2438.00	57	2459.00	78	2480.00
16	2418.00	37	2439.00	58	2460.00		
17	2419.00	38	2440.00	59	2461.00		
18	2420.00	39	2441.00	60	2462.00		
19	2421.00	40	2442.00	61	2463.00		
20	2422.00	41	2443.00	62	2464.00		

Table 5: Technical Specification of Bluetooth (Low Energy mode)

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
Operating Frequency band	2402 – 2480MHz
Channel separation	2MHz
Extreme Temperature Range	0~+40°C
Operation Voltage	DC 12V (via AC/DC adapter)
Modulation	GFSK
Bluetooth version	4.0, Dual Mode
Antenna Gain	2.52dBi

Table 6: RF channel and frequency of Bluetooth (Low Energy mode)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	11	2424.00	22	2446.00	33	2468.00
1	2404.00	12	2426.00	23	2448.00	34	2470.00
2	2406.00	13	2428.00	24	2450.00	35	2472.00
3	2408.00	14	2430.00	25	2452.00	36	2474.00
4	2410.00	15	2432.00	26	2454.00	37	2476.00
5	2412.00	16	2434.00	27	2456.00	38	2478.00
6	2414.00	17	2436.00	28	2458.00	39	2480.00
7	2416.00	18	2438.00	29	2460.00		
8	2418.00	19	2440.00	30	2462.00		
9	2420.00	20	2442.00	31	2464.00		
10	2422.00	21	2444.00	32	2466.00		

3.3 Independent Operation Modes

The basic operation modes are:

- A. On
 - 1. Bluetooth mode (BDR & EDR mode)
 - a. Transmitting
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - b. Receiving
 - 2. Bluetooth mode (Low Energy mode)
 - a. Transmitting
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - b. Receiving
- B. Standby
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- | | |
|--------------------|----------------------|
| - Bill of Material | - Circuit Diagram |
| - PCB Layout | - Instruction Manual |
| - Photo Document | - 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 C63.10: 2013.

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

4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

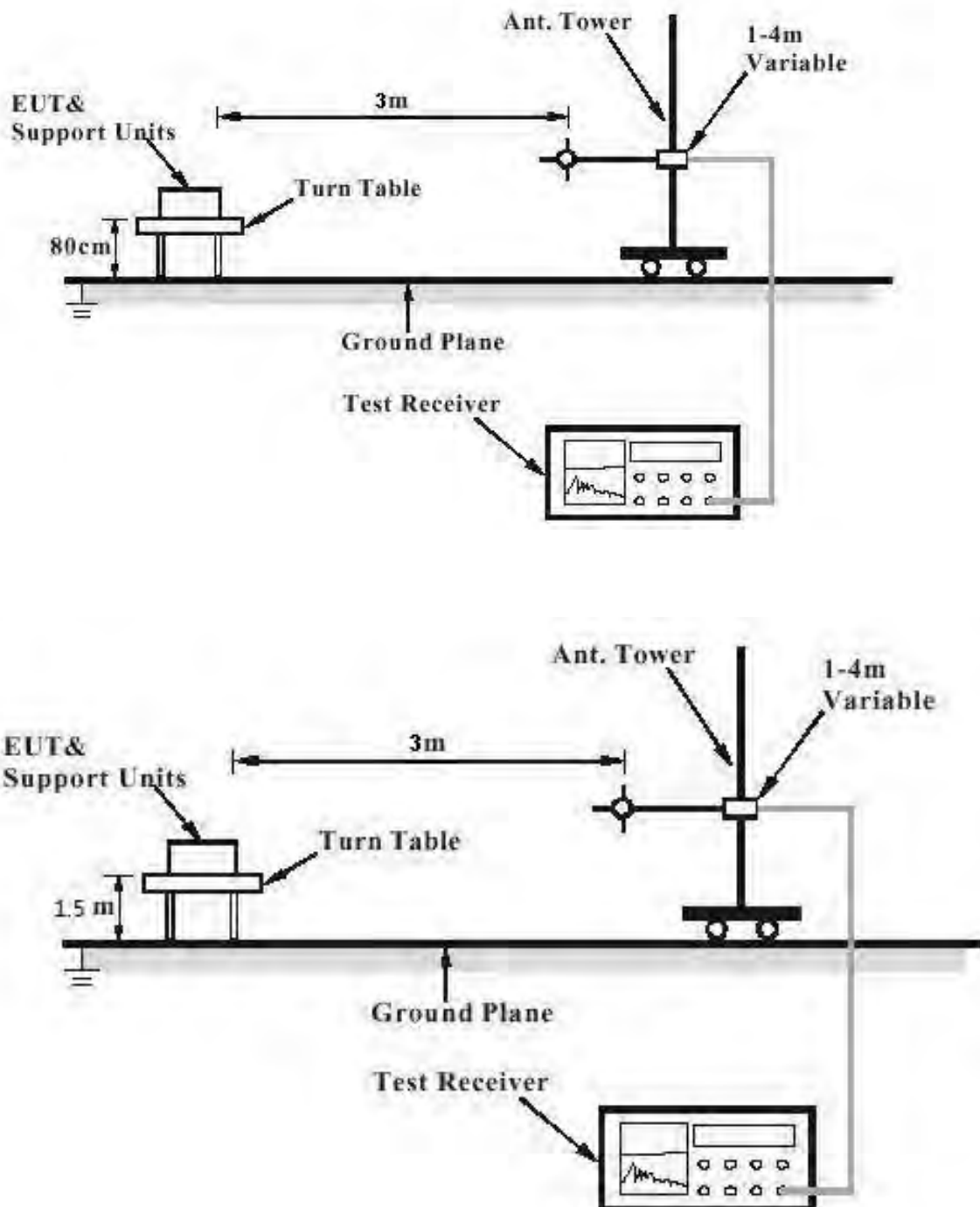


Diagram of Measurement Equipment Configuration for Conduction Measurement

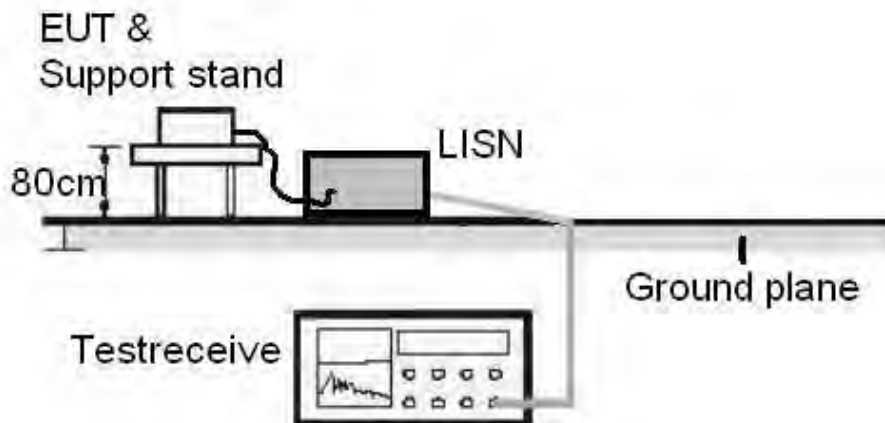
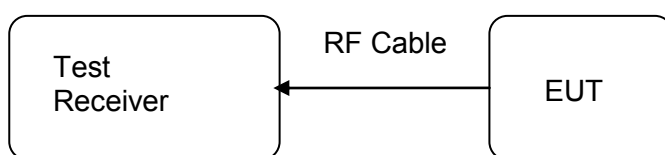


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard	:	Part 15.203 RSS-Gen Clause 8.3
Limit		The use of antennas with directional gains that do not exceed 6dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 2.52dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

5.1.2 Peak Output Power

RESULT:
Pass

Test date : 2016-09-09
 Test standard : FCC Part 15.247(b)(1)
 FCC Part 15.247(b)(3)
 RSS-247 clause 5.4(2)
 RSS-247 clause 5.4(4)
 Basic standard : ANSI C63.10: 2013
 Clause 9.1 of KDB 558074 v03r01
 Limit : 1W
 Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A.1.a, A.2.a
 Ambient temperature : 25°C
 Relative humidity : 50%
 Atmospheric pressure : 101kPa

Table 7: Test result of Peak Output Power of Bluetooth (BDR mode)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	4.228	30
Middle Channel	2441	5.632	30
High Channel	2480	4.107	30

Table 8: Test result of Peak Output Power of Bluetooth (EDR mode)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	3.054	30
Middle Channel	2441	4.643	30
High Channel	2480	2.863	30

Table 9: Test result of Peak Output Power of Bluetooth (Low Energy mode)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	0.978	30
Middle Channel	2440	3.403	30
High Channel	2480	3.917	30

5.1.3 20dB Bandwidth and 99% Bandwidth

RESULT:

Pass

Date of testing	:	2016-07-26
Test standard	:	FCC Part 15.247(a)(1) RSS-247 clause 5.1(2) RSS-Gen clause 6.6
Basic standard	:	ANSI C63.10: 2013 Clause 8 of KDB 558074 v03r01
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1.a
Ambient temperature	:	25°C
Relative humidity	:	50%
Atmospheric pressure	:	101kPa

Table 10: Test result of 20dB and 99% Bandwidth of BDR mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.046	0.941
Mid Channel	2441	1.045	0.940
High Channel	2480	1.048	0.944

Table 11: Test result of 20dB and 99% Bandwidth of EDR mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.327	1.173
Mid Channel	2441	1.329	1.173
High Channel	2480	1.329	1.174

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Limit of 6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	0.719	≥0.5	1.063
Mid Channel	2440	0.717	≥0.5	1.062
High Channel	2480	0.708	≥0.5	1.063

Prüfbericht - Nr.: 50055364 001

Test Report No.

Seite 18 von 93

Page 18 of 93

5.1.5 Conducted Spurious Emissions measured in 100kHz Bandwidth**RESULT:****Pass**

Date of testing	:	2016-09-13
Test standard	:	FCC part 15.247(d) RSS-247 clause 5.5
Basic standard	:	ANSI C63.10: 2013
Limit	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power);
Kind of test site	:	Shield room

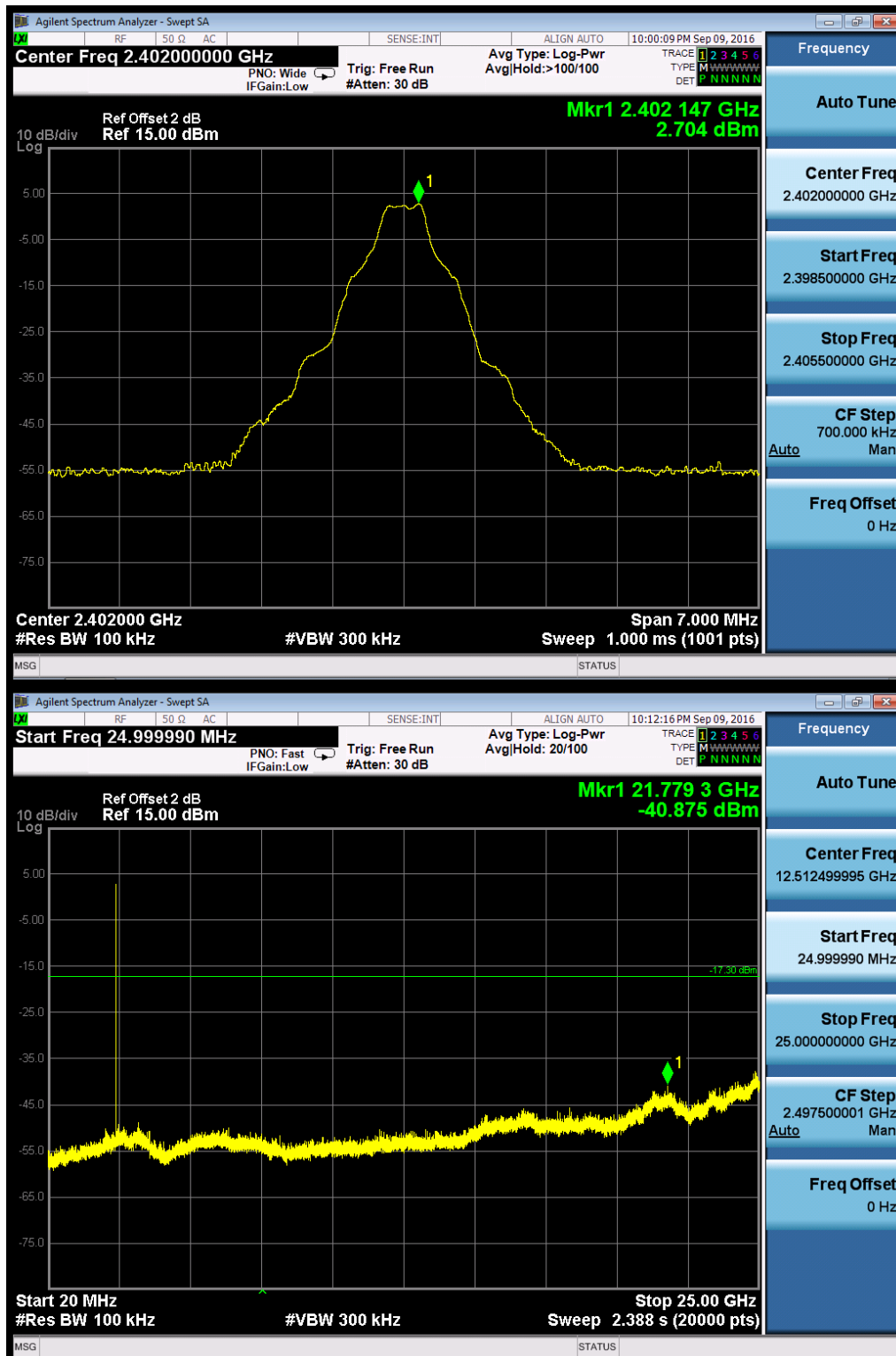
Test setup

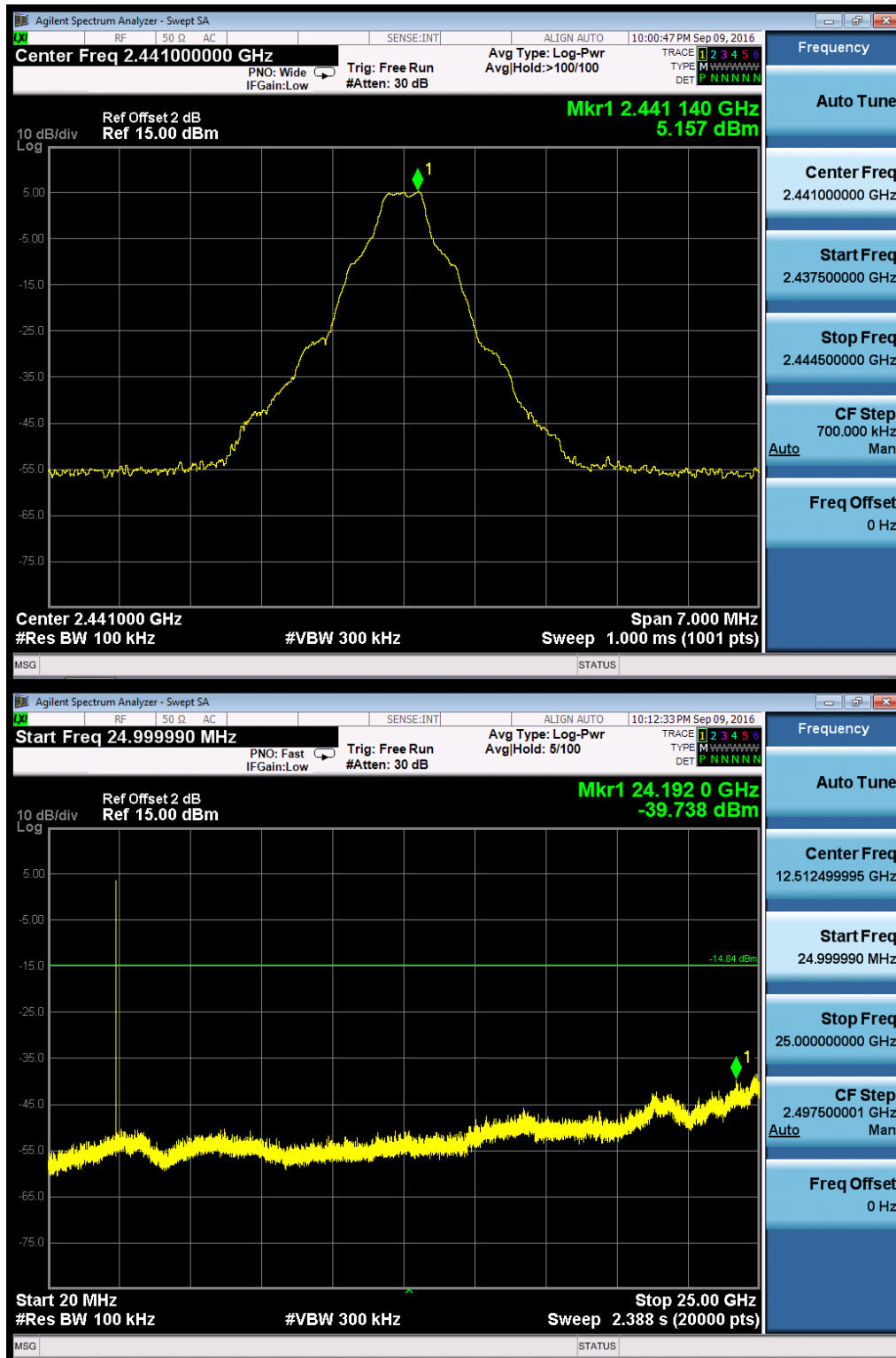
Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1.a, A.2.a
Ambient temperature	:	25°C
Relative humidity	:	50%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

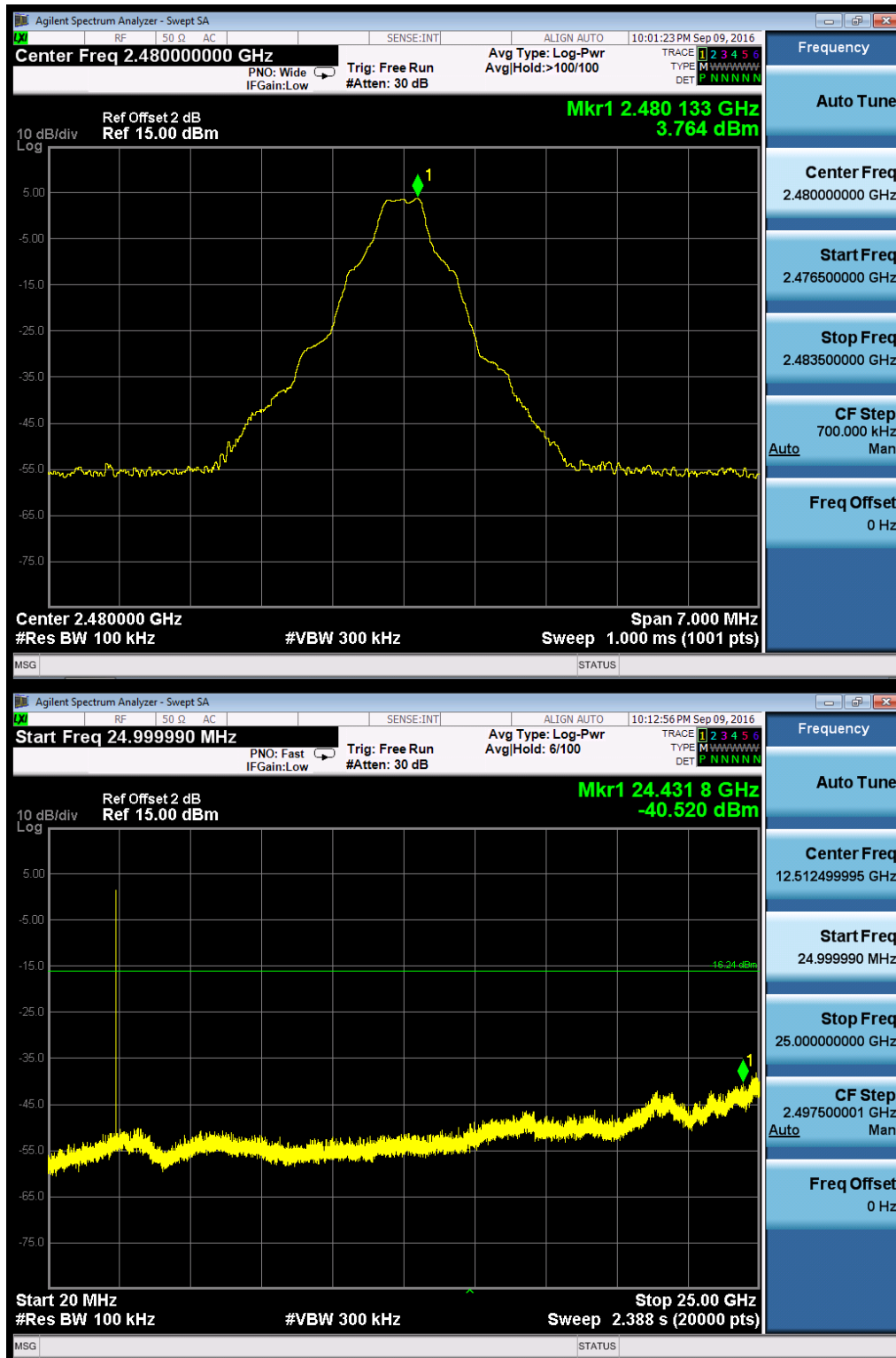
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of BDR mode

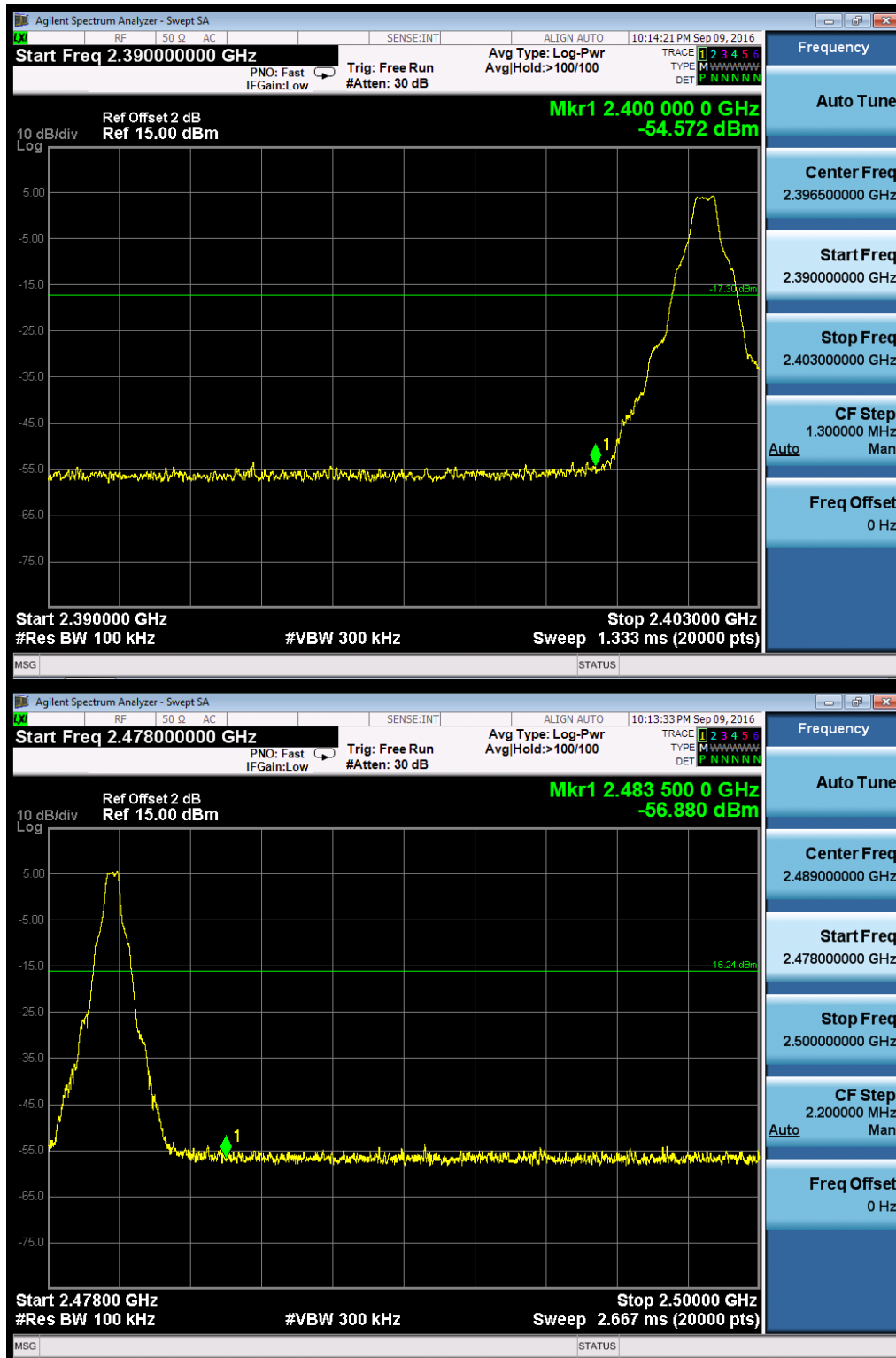
Low Channel



Middle Channel


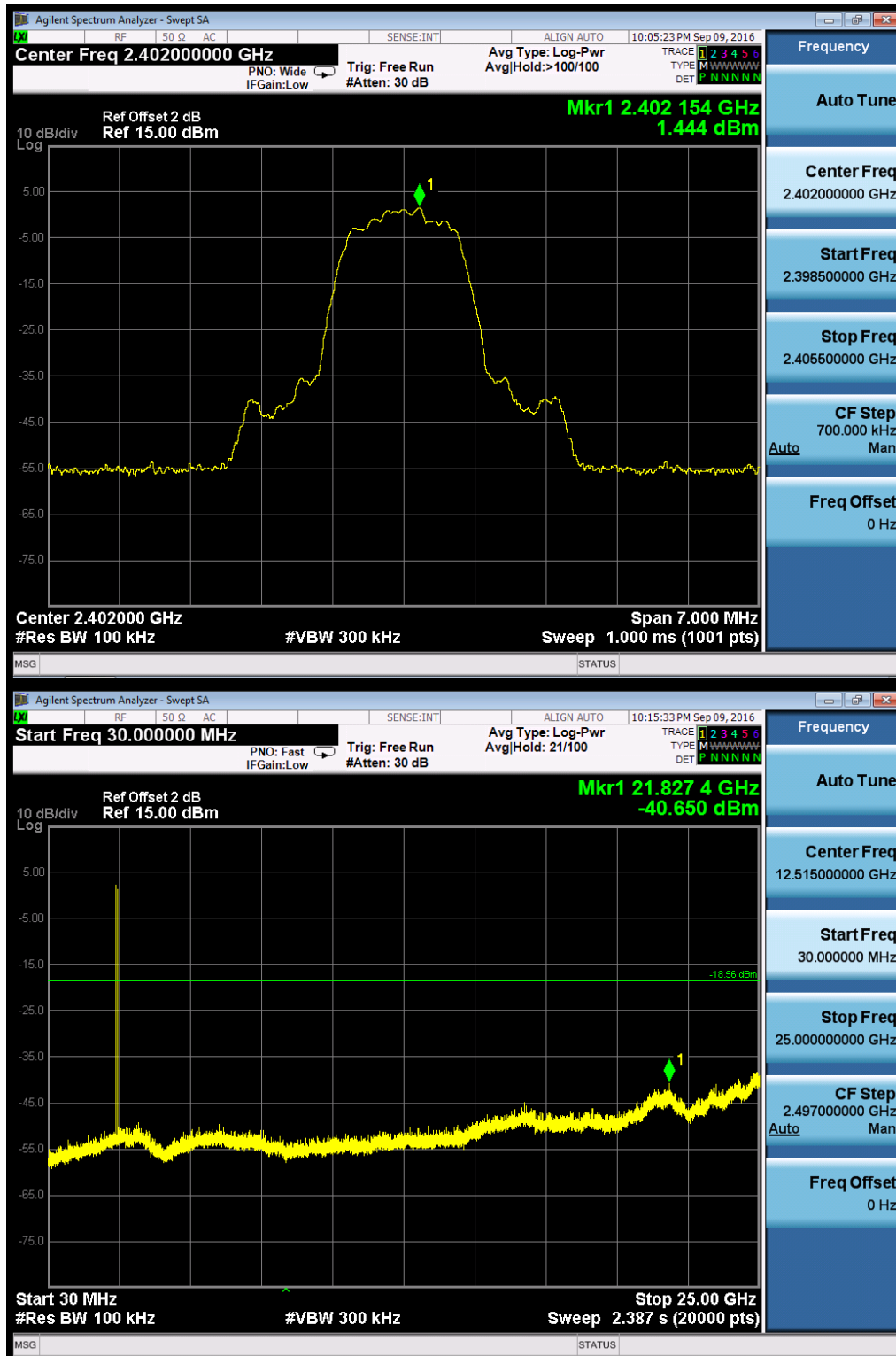
High Channel

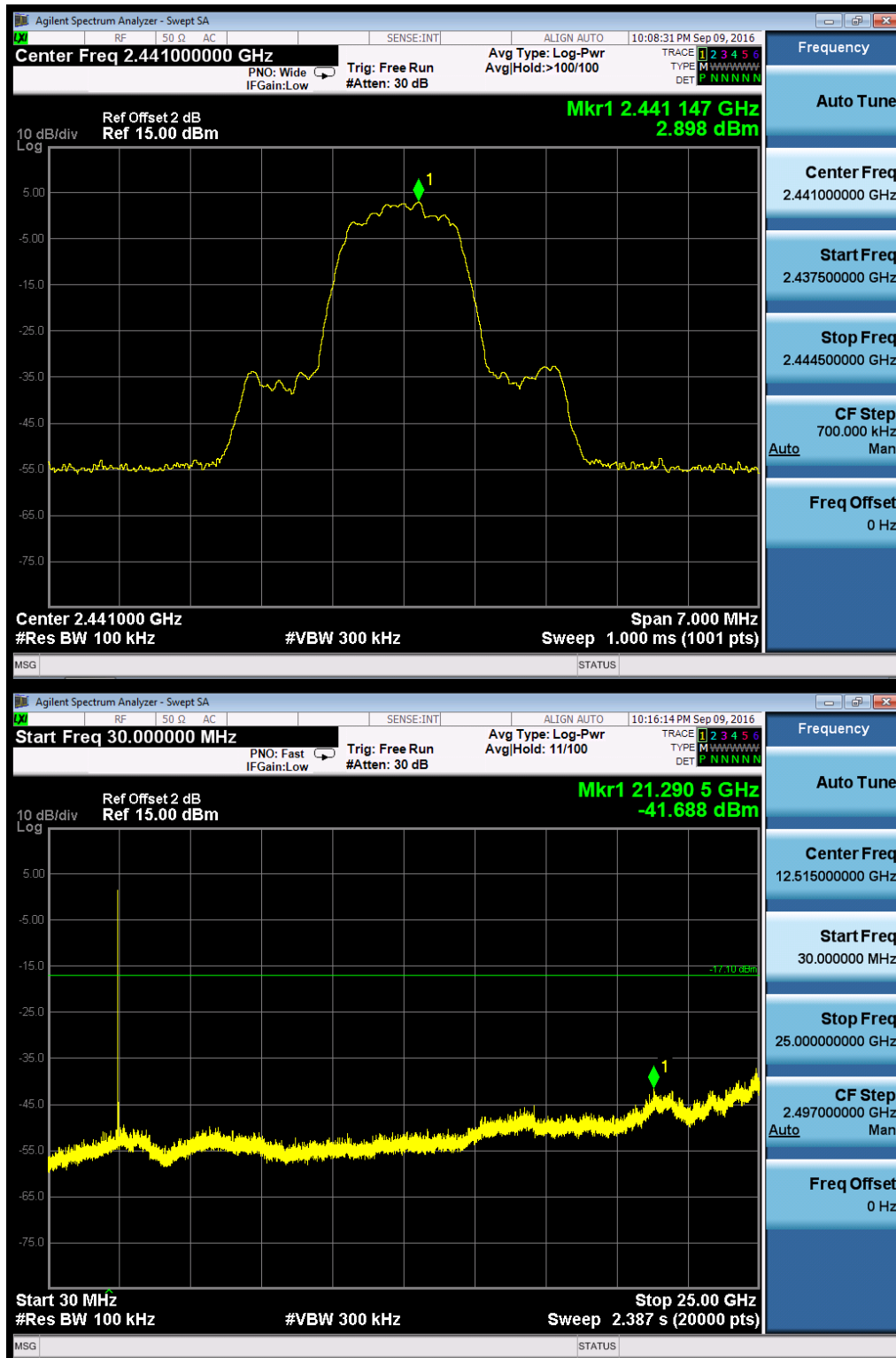


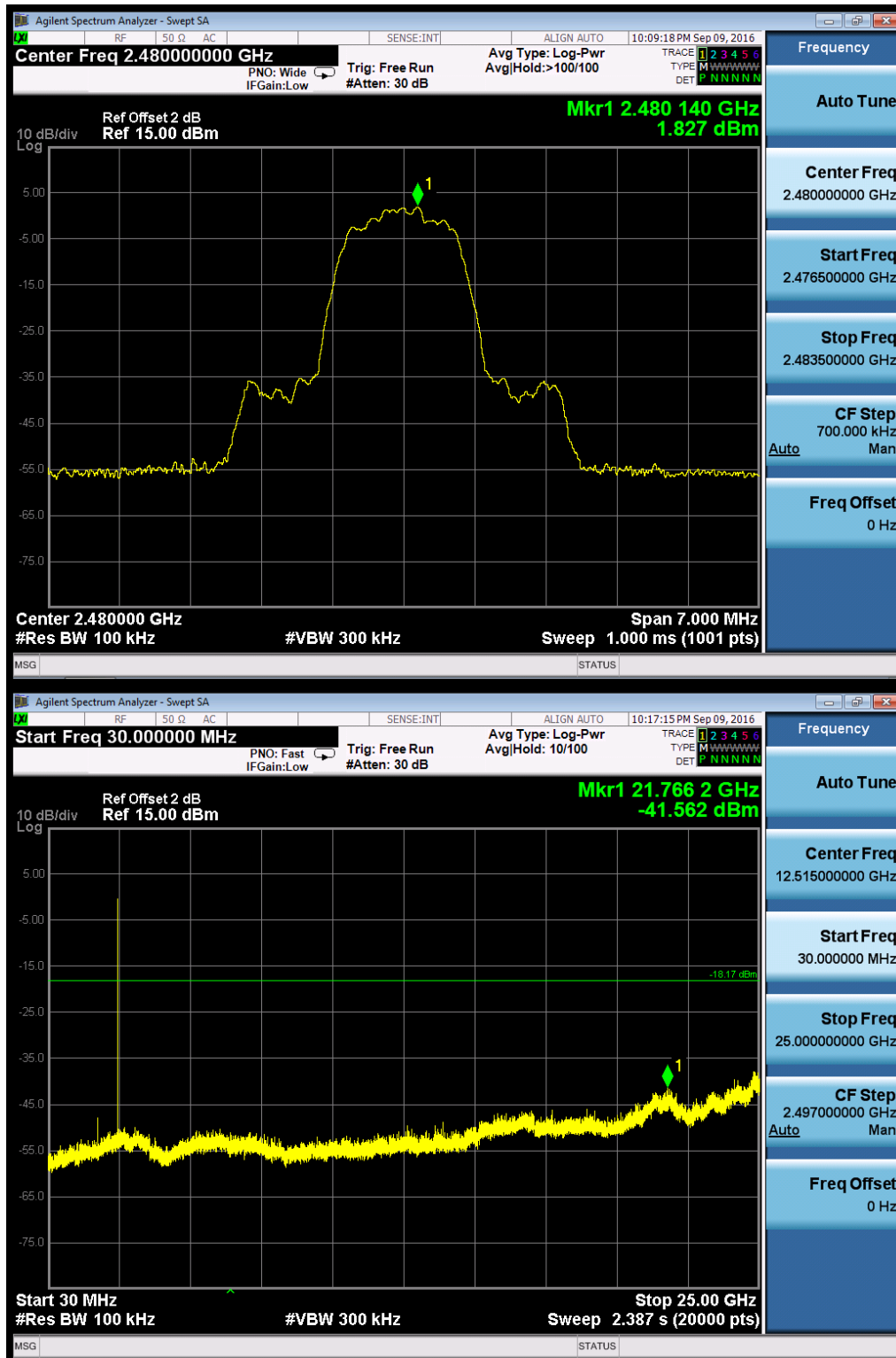
Band Edge


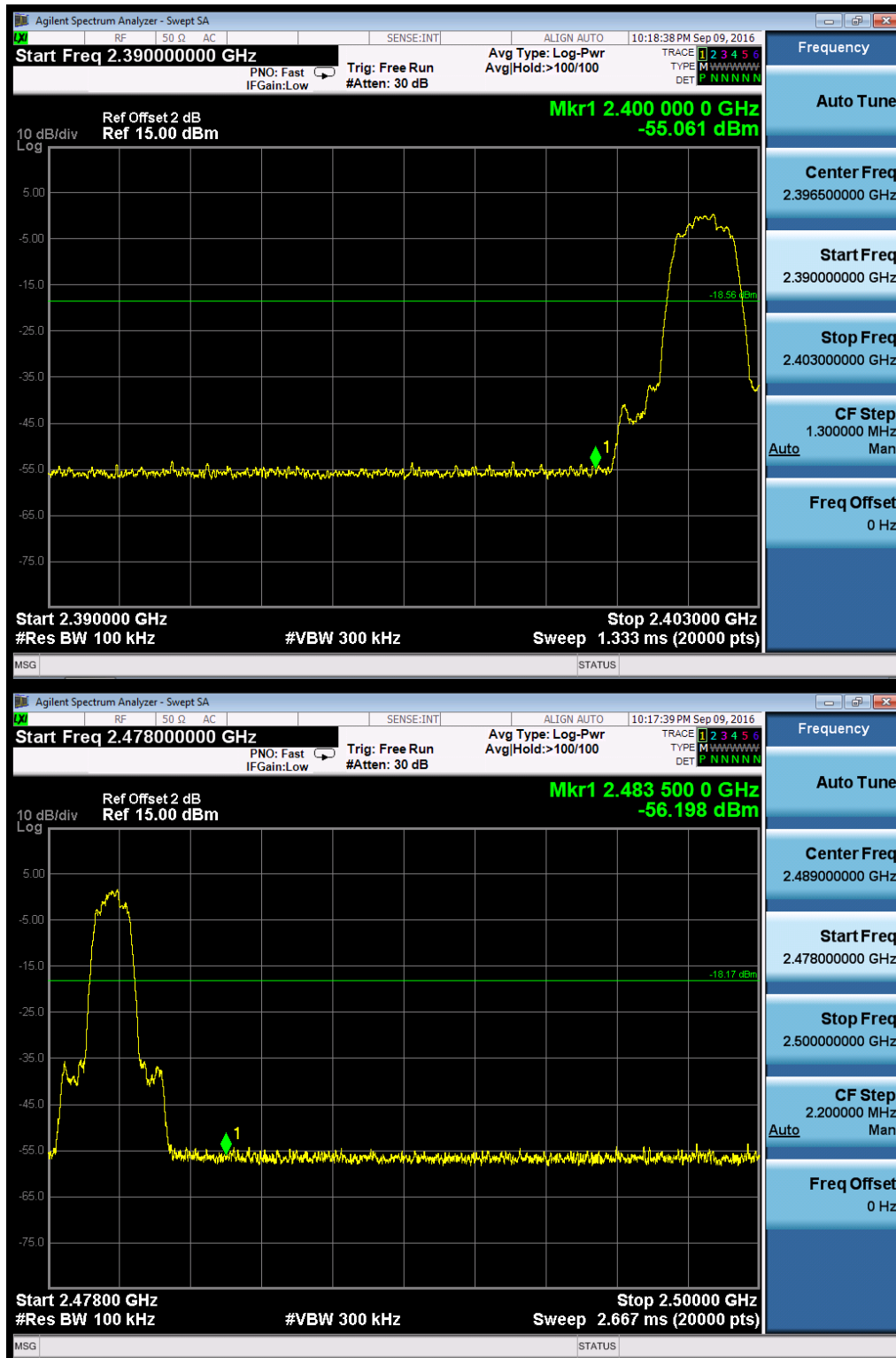
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of EDR mode

Low Channel



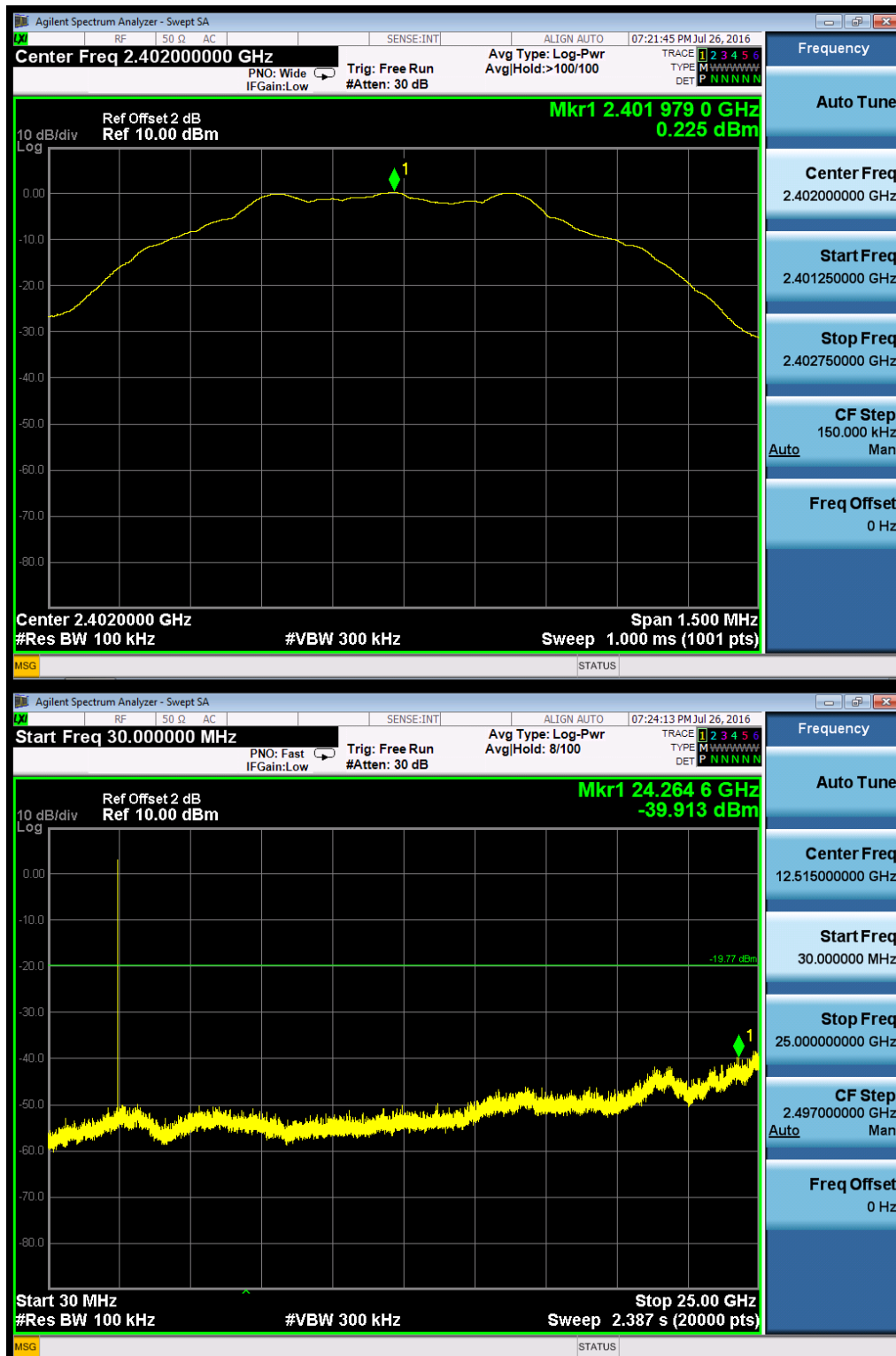
Middle Channel


High Channel


Band Edge


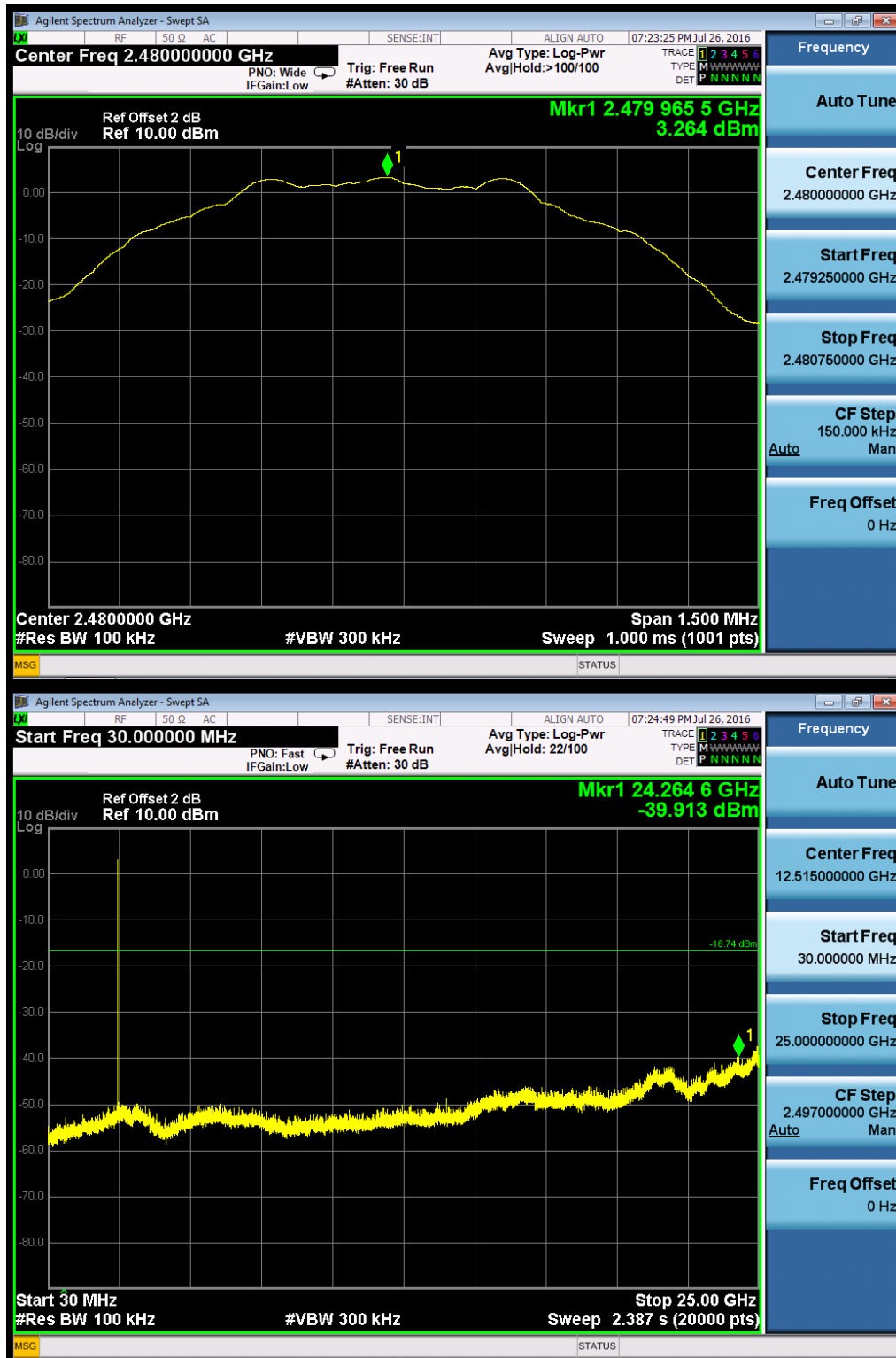
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of Low Energy mode

Low Channel



Middle Channel


High Channel



Band Edge


5.1.6 Power spectral density**RESULT:****Pass**

Date of testing : 2016-07-26
Test standard : FCC part 15.247(e)
RSS-247 clause 5.2(2)
Basic standard : ANSI C63.10: 2013
Clause 10 of KDB 558074 v03r01
Limit : 8dBm/3kHz
Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
Operation mode : A.2.a
Ambient temperature : 25°C
Relative humidity : 50%
Atmospheric pressure : 101kPa

Table 13: Test result of power spectral density

Mode	Channel (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Conclusion
Bluetooth LE mode	2402	-13.173	8	Pass
	2440	-10.760	8	Pass
	2480	-10.261	8	Pass

Prüfbericht - Nr.: 50055364 001

Test Report No.

Seite 32 von 93

Page 32 of 93

5.1.7 Spurious Emission

RESULT:**Pass**

Date of testing	:	2016-08-20 to 2016-09-06
Test standard	:	FCC part 15.247(d) RSS-Gen
Basic standard	:	ANSI C63.10: 2013 Clause 11 of KDB 558074 v03r01
Limits	:	FCC part 15.209(a)
Kind of test site	:	3m Semi-Anechoic Chamber & Anechoic Chamber

Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1.a, A.2.a
Ambient temperature	:	24°C
Relative humidity	:	53%
Atmospheric pressure	:	101kPa

The frequency range of testing is 30MHz to 26.5GHz, and no any emissions were found from 18GHz to 26.5GHz, hence for the radiated emission from 18GHz to 26.5GHz, only the worst case were recorded.

For details refer to following test plot.

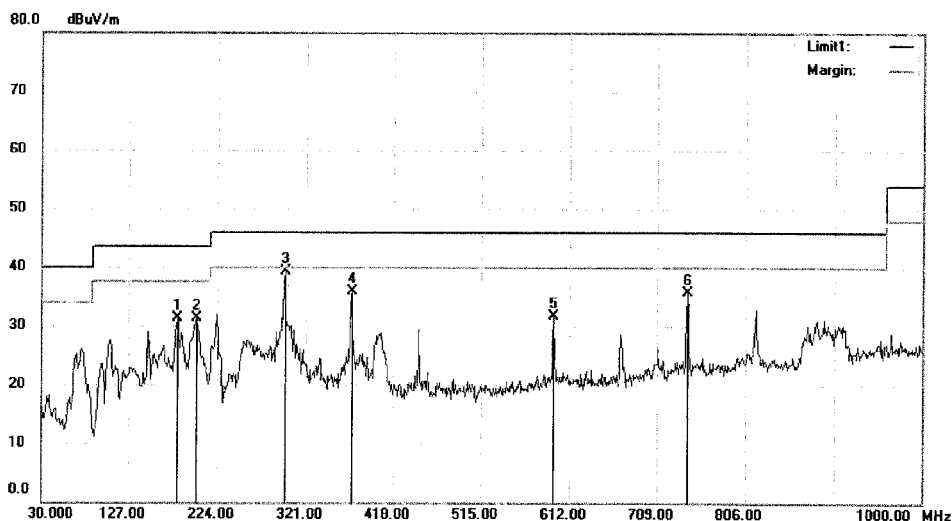
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File :TUV

Data #1345

Date:



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

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

Mode:GFSK 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		180.3500	48.36	-17.15	31.21	43.50	-12.29	QP		
2		200.7200	46.78	-15.51	31.27	43.50	-12.23	QP		
3	*	297.7200	50.96	-11.69	39.27	46.00	-6.73	QP		
4		371.4400	46.33	-10.36	35.97	46.00	-10.03	QP		
5		594.5400	37.75	-5.95	31.80	46.00	-14.20	QP		
6		742.9500	39.39	-3.63	35.76	46.00	-10.24	QP		

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

Operator: KK

File :TUV\Data #1345

Page: 1

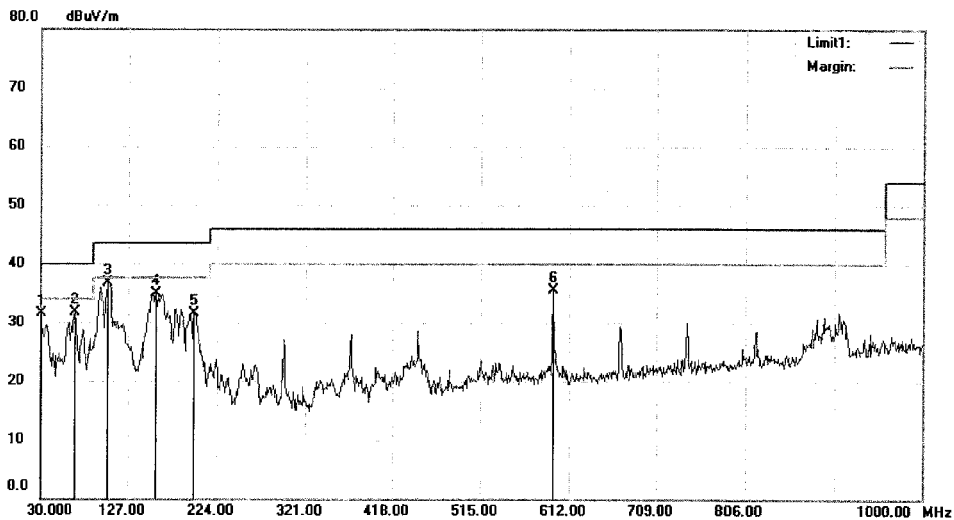
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File: TUV

Data: #1346

Date:



Site: 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

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

Mode: GFSK 2402

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		30.0000	48.89	-17.48	31.41	40.00	-8.59	QP		
2		67.8300	48.97	-17.29	31.68	40.00	-8.32	QP		
3	*	104.6900	52.10	-15.32	36.78	43.50	-6.72	QP		
4		157.0700	53.42	-18.52	34.90	43.50	-8.60	QP		
5		198.7800	47.23	-15.70	31.53	43.50	-11.97	QP		
6		594.5400	41.52	-5.95	35.57	46.00	-10.43	QP		

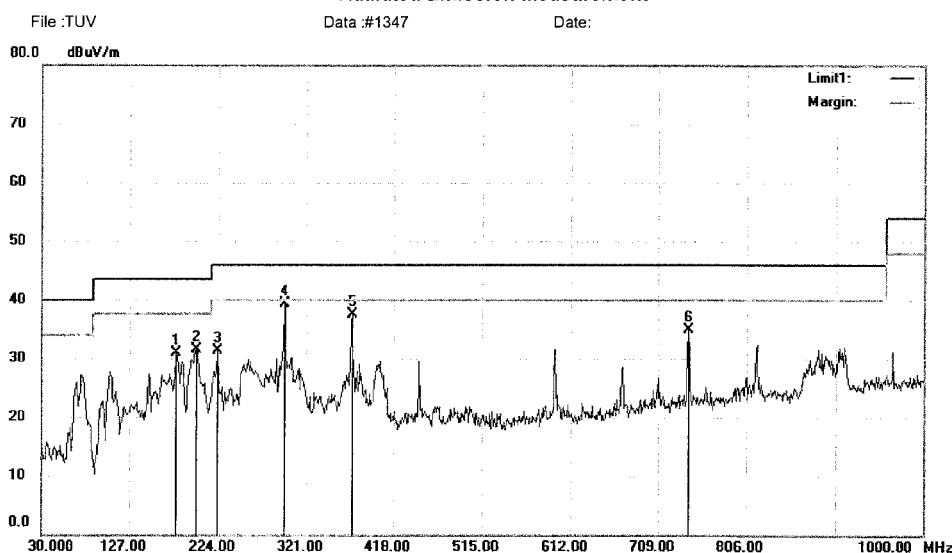
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV\Data: #1346

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 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
 Mode:GFSK 2441
 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		178.4100	48.10	-17.17	30.93	43.50	-12.57	QP		
2		199.7500	47.13	-15.57	31.56	43.50	-11.94	QP		
3		223.0300	45.74	-14.41	31.33	46.00	-14.67	QP		
4	*	296.7500	51.06	-11.73	39.33	46.00	-6.67	QP		
5		371.4400	47.96	-10.36	37.60	46.00	-8.40	QP		
6		742.9500	38.61	-3.63	34.98	46.00	-11.02	QP		

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

Operator: KK

File :TUV\Data :#1347

Page: 1

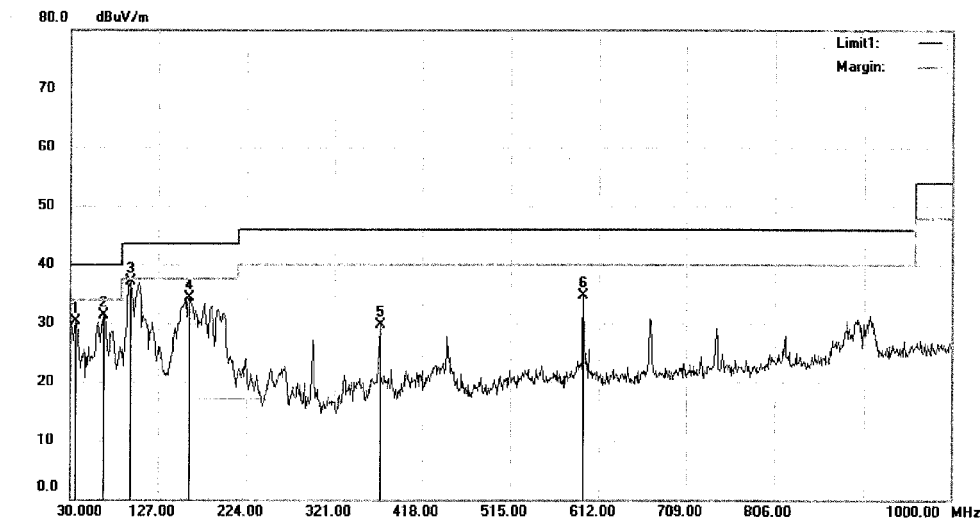
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File :TUV

Data #1348

Date:



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

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

Mode:GFSK 2441

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		35.8200	47.01	-16.79	30.22	40.00	-9.78	QP		
2		66.8600	48.36	-17.01	31.35	40.00	-8.65	QP		
3	*	95.9600	53.17	-16.02	37.15	43.50	-6.35	QP		
4		160.9500	52.68	-18.28	34.40	43.50	-9.10	QP		
5		371.4400	39.97	-10.36	29.61	46.00	-16.39	QP		
6		594.5400	40.75	-5.95	34.80	46.00	-11.20	QP		

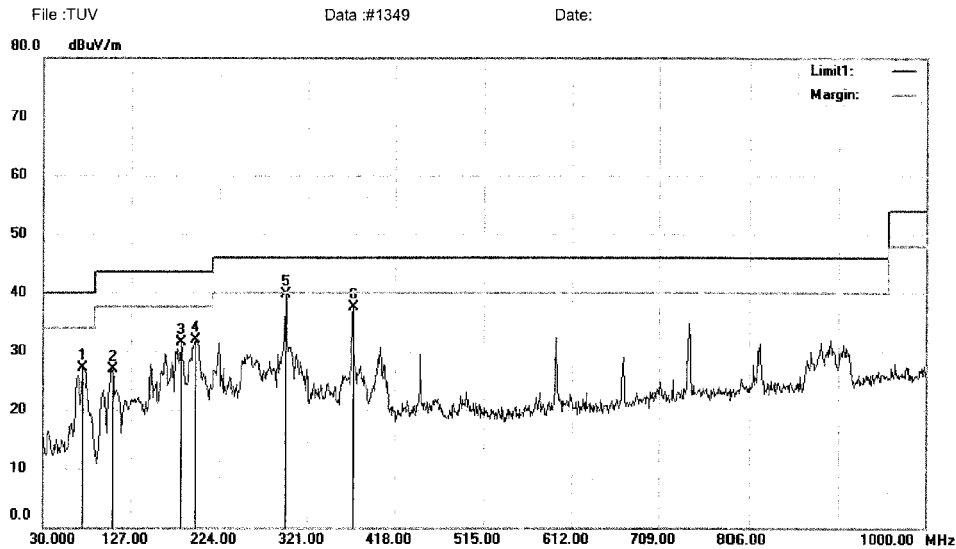
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData #1348

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 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
 Mode: GFSK 2480
 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		73.6500	45.69	-18.62	27.07	40.00	-12.93	QP		
2		106.6300	42.29	-15.34	26.95	43.50	-16.55	QP		
3		182.2900	48.58	-17.08	31.50	43.50	-12.00	QP		
4		197.8100	47.78	-15.81	31.97	43.50	-11.53	QP		
5	*	296.7500	51.50	-11.73	39.77	46.00	-6.23	QP		
6		371.4400	47.81	-10.36	37.45	46.00	-8.55	QP		

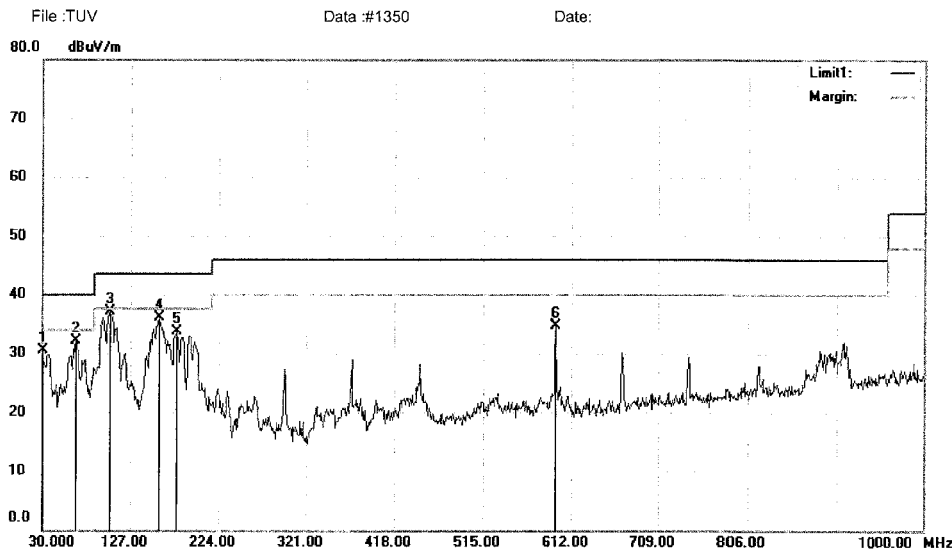
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #1349

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


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 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
 Mode: GFSK 2480
 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		30.0000	48.07	-17.48	30.59	40.00	-9.41	QP		
2		66.8600	49.04	-17.01	32.03	40.00	-7.97	QP		
3	*	103.7200	52.33	-15.30	37.03	43.50	-6.47	QP		
4		158.0400	54.53	-18.47	36.06	43.50	-7.44	QP		
5		177.4400	50.90	-17.18	33.72	43.50	-9.78	QP		
6		594.5400	40.73	-5.95	34.78	46.00	-11.22	QP		

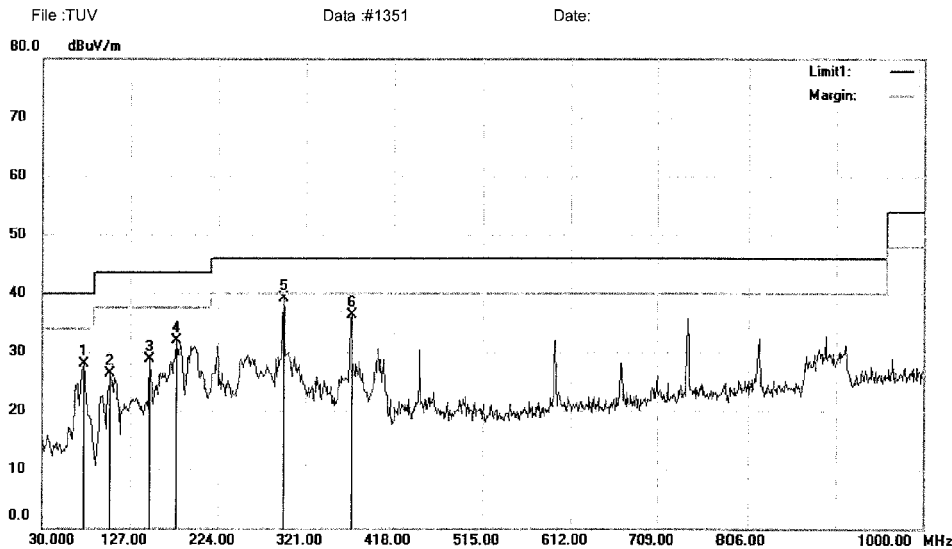
*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData: #1350

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 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
 Mode: 8DPSK 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		75.5900	46.92	-19.05	27.87	40.00	-12.13	QP		
2		104.6900	41.54	-15.32	26.22	43.50	-17.28	QP		
3		148.3400	47.57	-18.88	28.69	43.50	-14.81	QP		
4		178.4100	49.13	-17.17	31.96	43.50	-11.54	QP		
5	*	296.7500	50.75	-11.73	39.02	46.00	-6.98	QP		
6		371.4400	46.68	-10.36	36.32	46.00	-9.68	QP		

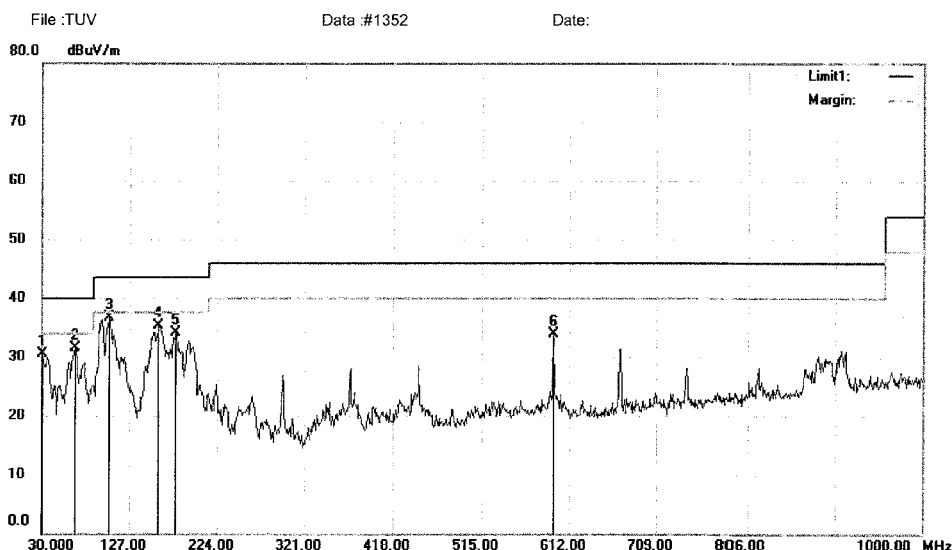
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV\Data: #1351

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


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 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
 Mode:8DPSK 2402
 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 Comment
1		30.0000	47.97	-17.48	30.49	40.00	-9.51	QP		
2		66.8600	48.55	-17.01	31.54	40.00	-8.46	QP		
3	*	104.6900	52.09	-15.32	36.77	43.50	-6.73	QP		
4		159.0100	53.81	-18.43	35.38	43.50	-8.12	QP		
5		178.4100	51.35	-17.17	34.18	43.50	-9.32	QP		
6		594.5400	39.79	-5.95	33.84	46.00	-12.16	QP		

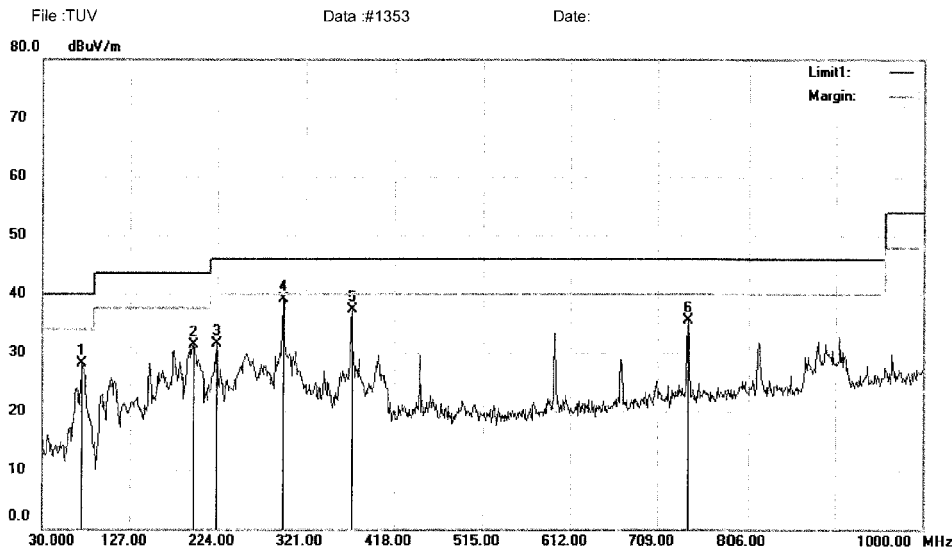
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData #1352

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 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
 Mode: 8DPSK 2441
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		73.8500	46.73	-18.62	28.11	40.00	-11.89	QP		
2		196.8400	47.19	-15.94	31.25	43.50	-12.25	QP		
3		223.0300	45.82	-14.41	31.41	46.00	-14.59	QP		
4	*	296.7500	50.79	-11.73	39.06	46.00	-6.94	QP		
5		371.4400	47.74	-10.36	37.38	46.00	-8.62	QP		
6		742.9500	39.22	-3.63	35.59	46.00	-10.41	QP		

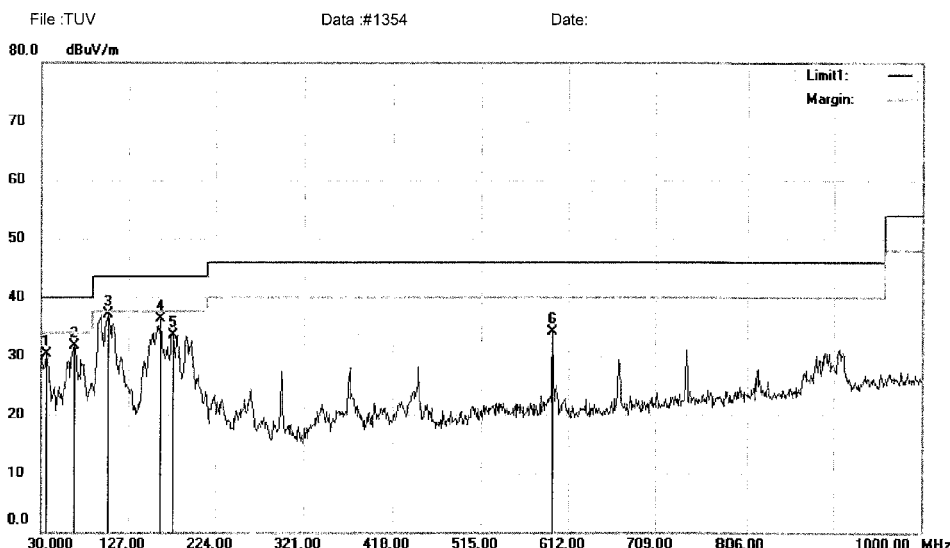
*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData: #1353

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


Site: 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 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
 Mode: 8DPSK 2441
 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 Comment
1		35.8200	47.09	-16.79	30.30	40.00	-9.70	QP		
2		66.8600	48.77	-17.01	31.76	40.00	-8.24	QP		
3	*	103.7200	52.47	-15.30	37.17	43.50	-6.33	QP		
4		162.8900	54.28	-18.05	36.23	43.50	-7.27	QP		
5		176.4700	50.74	-17.18	33.56	43.50	-9.94	QP		
6		594.5400	40.06	-5.95	34.11	46.00	-11.89	QP		

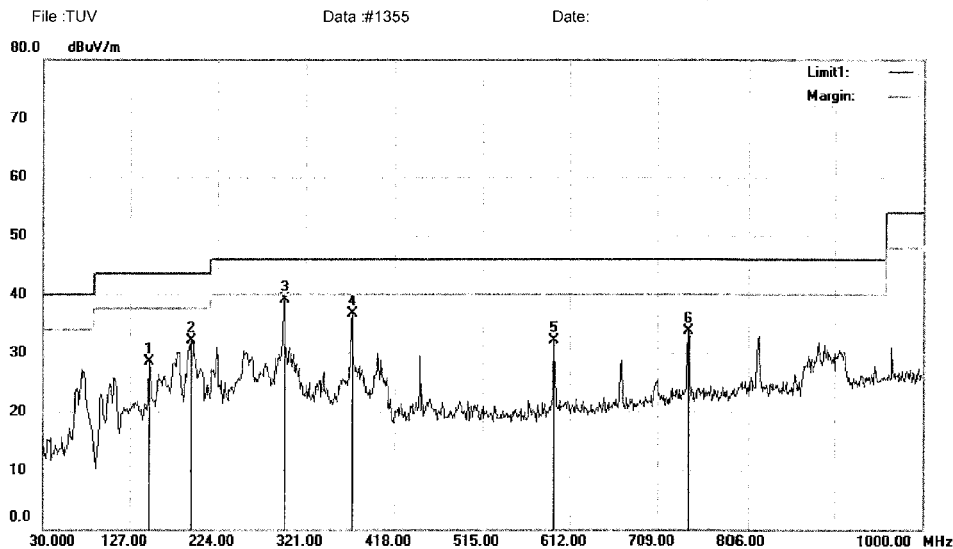
*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData: #1354

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 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
 Mode:8DPSK 2480
 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		148.3400	47.37	-18.88	28.49	43.50	-15.01	QP		
2		194.9000	48.32	-16.19	32.13	43.50	-11.37	QP		
3	*	297.7200	50.77	-11.69	39.08	46.00	-6.92	QP		
4		371.4400	46.99	-10.36	36.63	46.00	-9.37	QP		
5		594.5400	37.96	-5.95	32.01	46.00	-13.99	QP		
6		742.9500	37.42	-3.63	33.79	46.00	-12.21	QP		

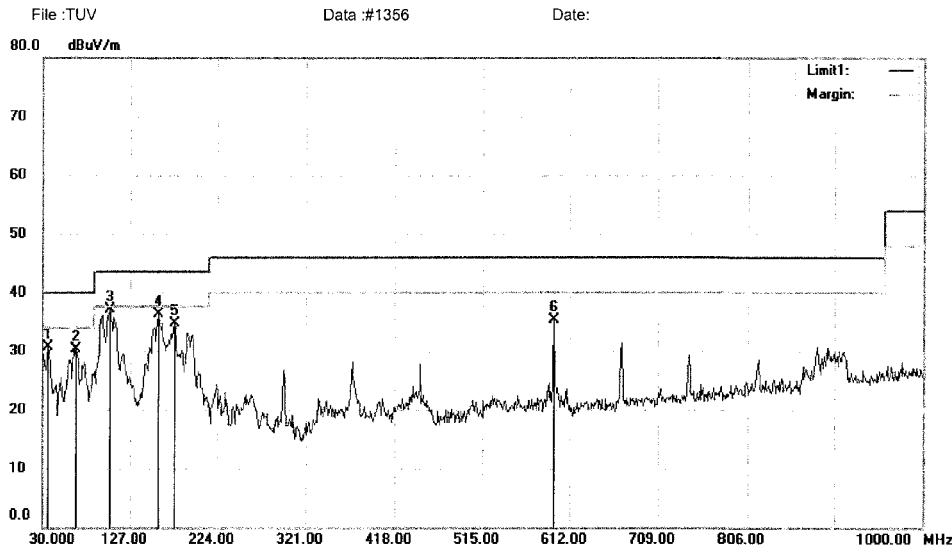
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData #1355

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


Site: 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 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
 Mode: 8DPSK 2480
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		35.8200	47.45	-16.79	30.66	40.00	-9.34	QP		
2		66.8600	47.36	-17.01	30.35	40.00	-9.65	QP		
3	*	104.6900	52.50	-15.32	37.18	43.50	-6.32	QP		
4		158.0400	54.68	-18.47	36.21	43.50	-7.29	QP		
5		176.4700	51.84	-17.18	34.66	43.50	-8.84	QP		
6		594.5400	41.18	-5.95	35.23	46.00	-10.77	QP		

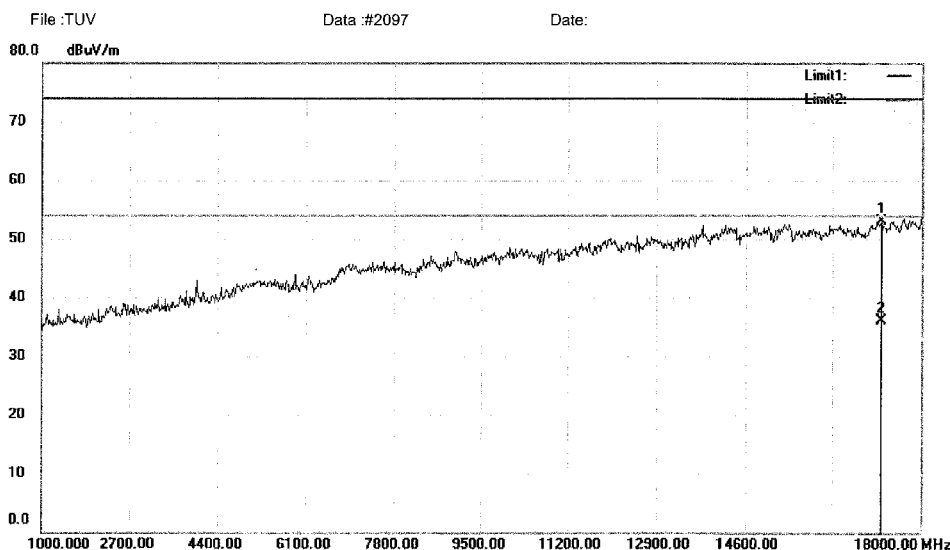
*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData: #1356

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode: GFSK 2402
 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		17235.00	47.95	5.16	53.11	74.00	-20.89	peak		
2	*	17235.00	30.94	5.16	36.10	54.00	-17.90	AVG		

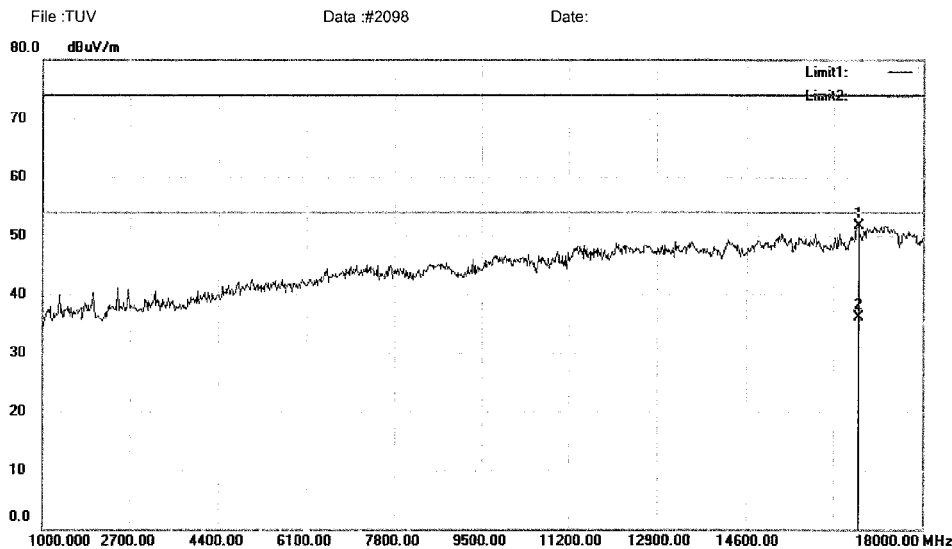
*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData: #2097

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


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode:GFSK 2402
 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		16776.00	50.66	1.14	51.80	74.00	-22.20	peak	0	
2	*	16776.00	35.06	1.14	36.20	54.00	-17.80	AVG	0	

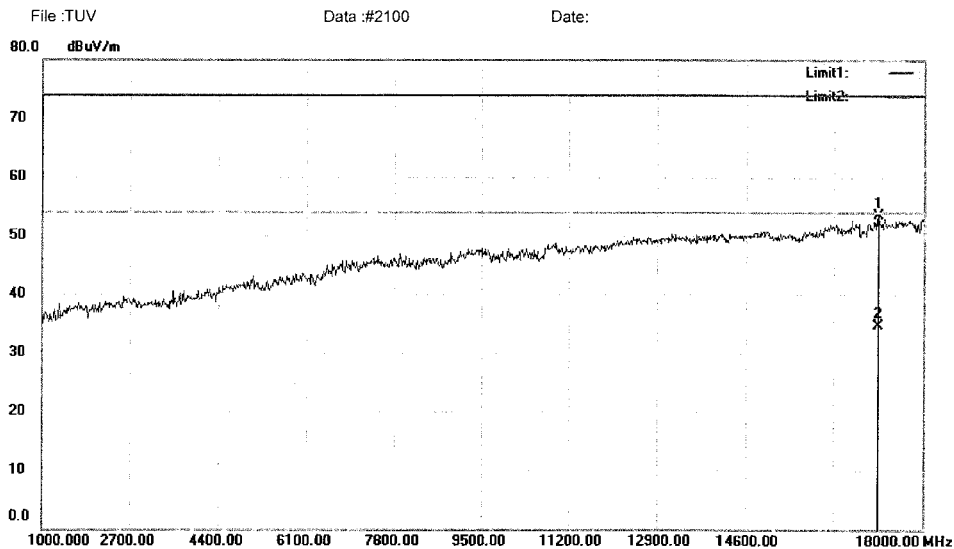
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#2098

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


Site 3m Chamber #3
 Limit: (RE)FCC PART 15 C
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode:GFSK 2441
 Note:

Polarization: **Horizontal** Temperature: 24 C
 Power: AC 120V/60Hz Humidity: 53 %

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		17150.00	49.45	4.04	53.49	74.00	-20.51	peak		
2	*	17150.00	30.76	4.04	34.80	54.00	-19.20	AVG		

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

Operator: KK

File :TUVData :#2100

Page: 1

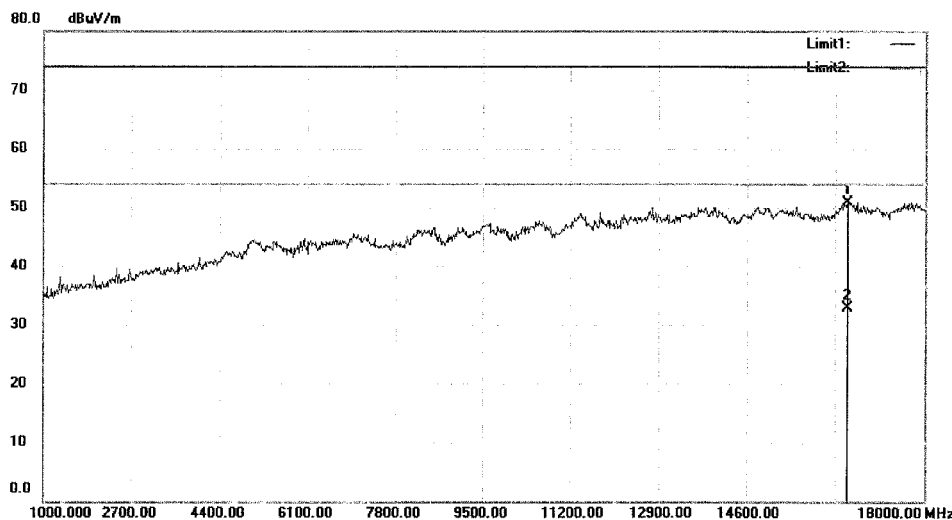
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File: TUV

Data: #2099

Date:



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

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

Mode: GFSK 2441

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		16538.00	50.84	0.15	50.99	74.00	-23.01	peak		
2	*	16538.00	32.75	0.15	32.90	54.00	-21.10	AVG		

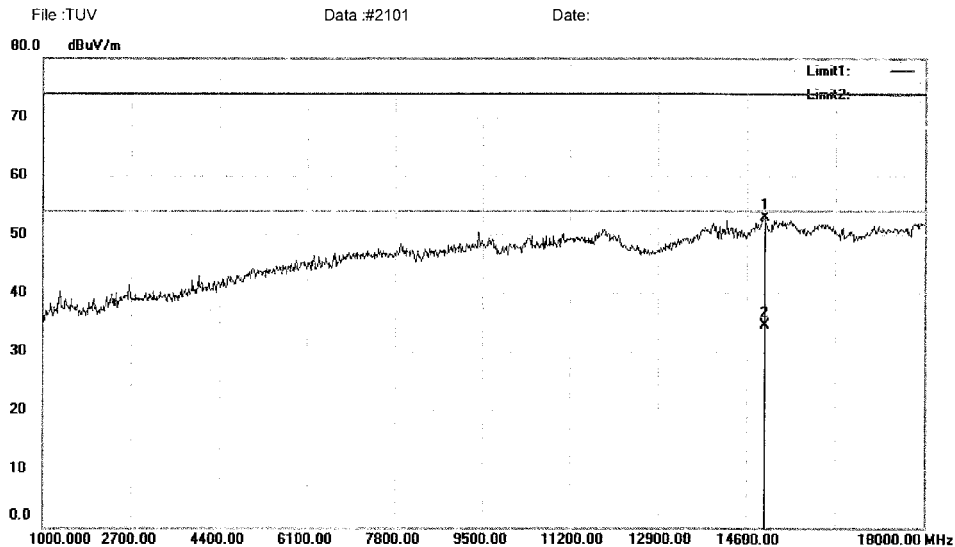
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #2099

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode: GFSK 2480
 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		14940.00	51.08	1.82	52.90	74.00	-21.10	peak		
2	*	14940.00	32.78	1.82	34.60	54.00	-19.40	AVG		

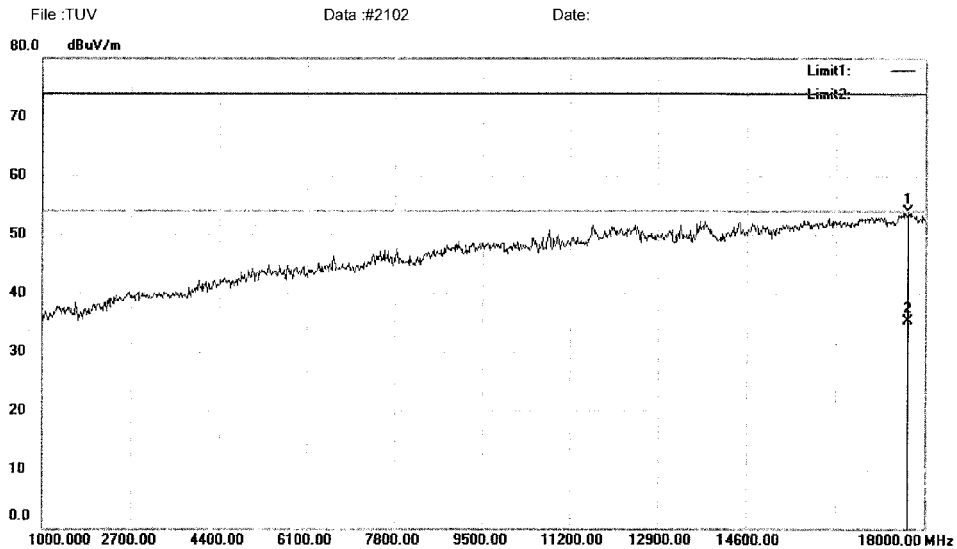
*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData: #2101

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


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode: GFSK 2480
 Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		17677.00	42.91	10.98	53.89	74.00	-20.11	peak		
2	*	17677.00	24.42	10.98	35.40	54.00	-18.60	AVG		

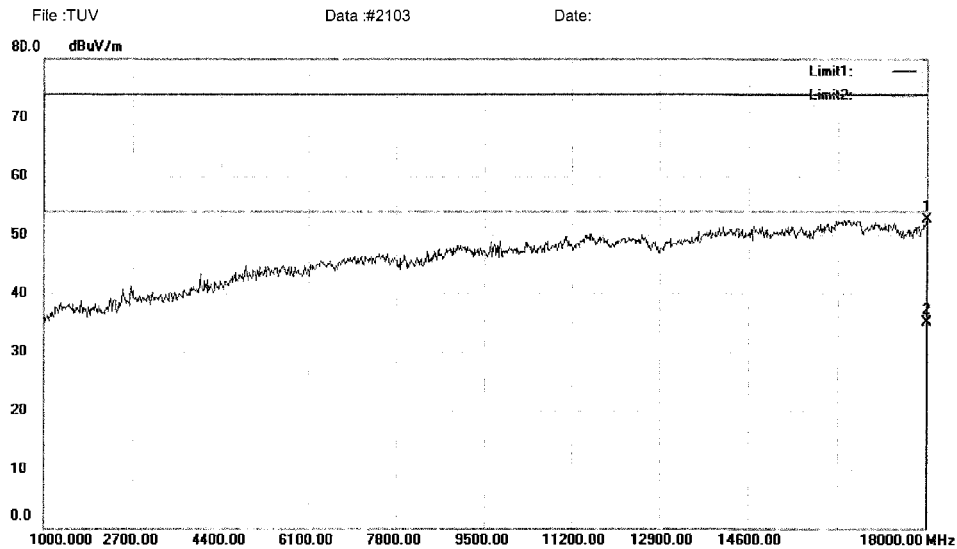
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV\Data: #2102

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode: 8DPSK 2402
 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 Comment
1		18000.00	37.57	15.22	52.79	74.00	-21.21	peak		
2	*	18000.00	19.88	15.22	35.10	54.00	-18.90	AVG		

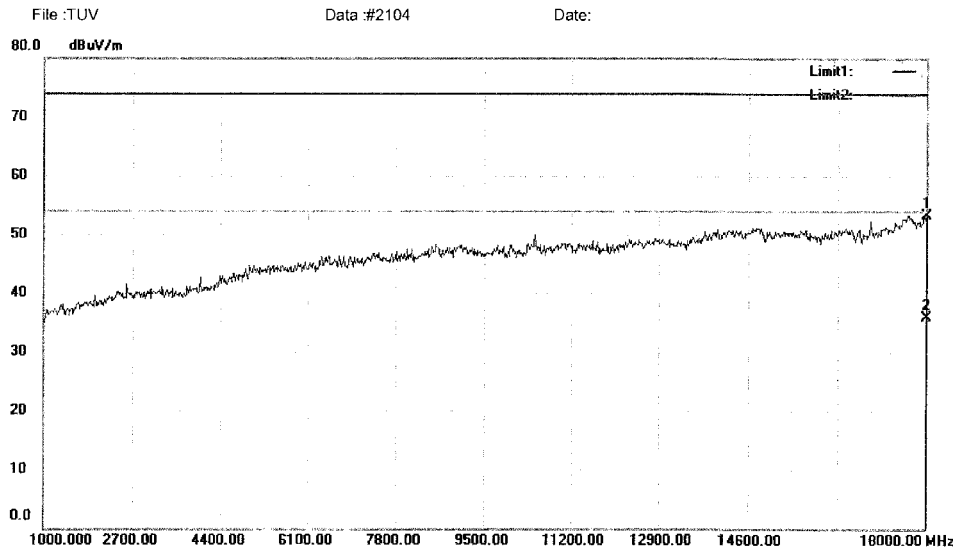
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #2103

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


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode: 8DPSK 2402
 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 Comment
1		18000.00	38.15	15.22	53.37	74.00	-20.63	peak		
2	*	18000.00	20.68	15.22	35.90	54.00	-18.10	AVG		

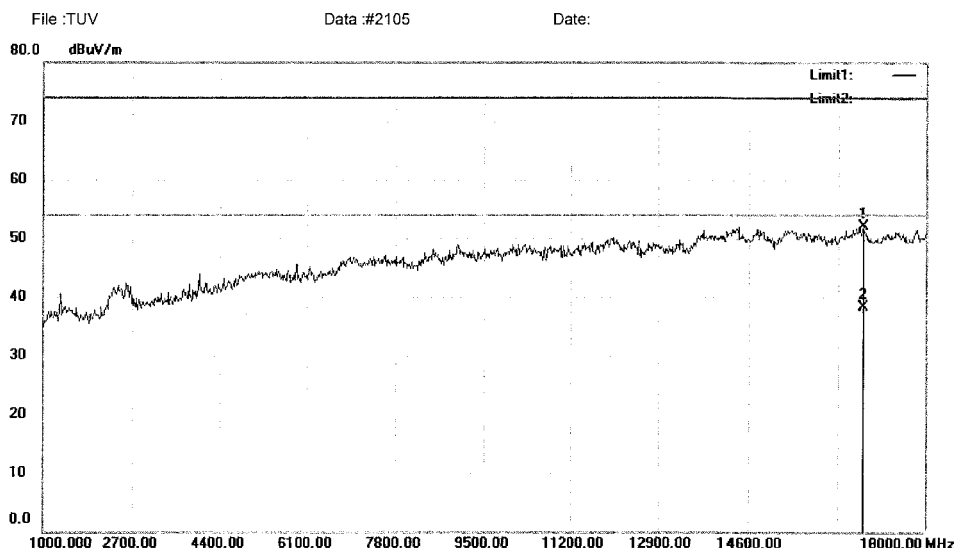
*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData :#2104

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode: 8DPSK 2441
 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		16776.00	51.00	1.14	52.14	74.00	-21.86	peak	0	
2	*	16776.00	37.10	1.14	38.24	54.00	-15.76	AVG	0	

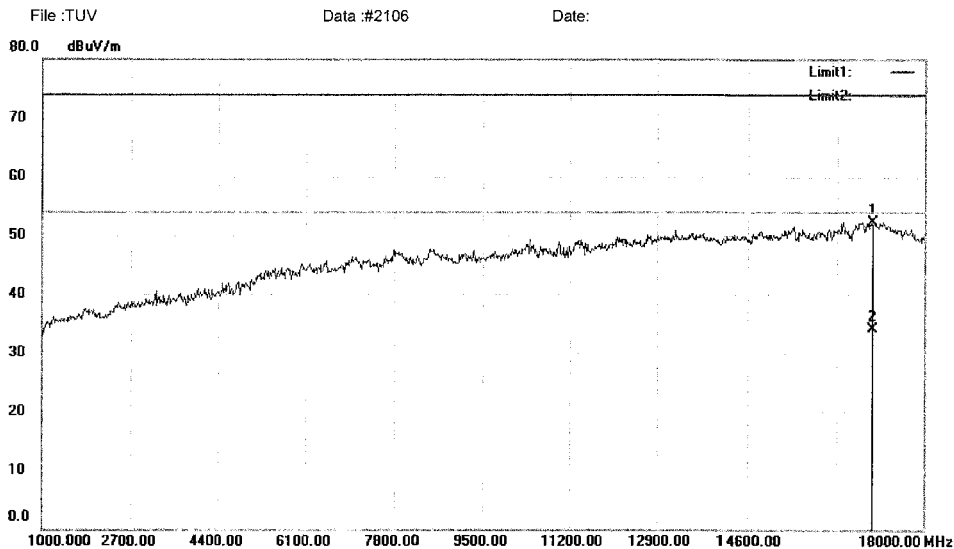
*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData: #2105

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


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode: 8DPSK 2441
 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		16997.00	50.25	2.06	52.31	74.00	-21.69	peak		
2	*	16997.00	32.14	2.06	34.20	54.00	-19.80	AVG		

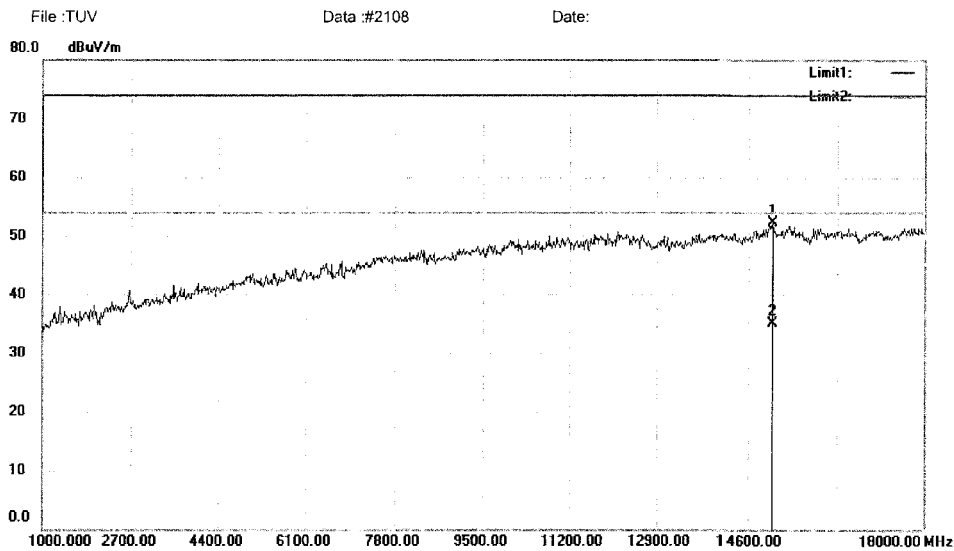
*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData: #2106

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


Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

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

Mode: 8DPSK 2480

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		15059.00	50.73	1.55	52.28	74.00	-21.72	peak		
2	*	15059.00	33.55	1.55	35.10	54.00	-18.90	AVG		

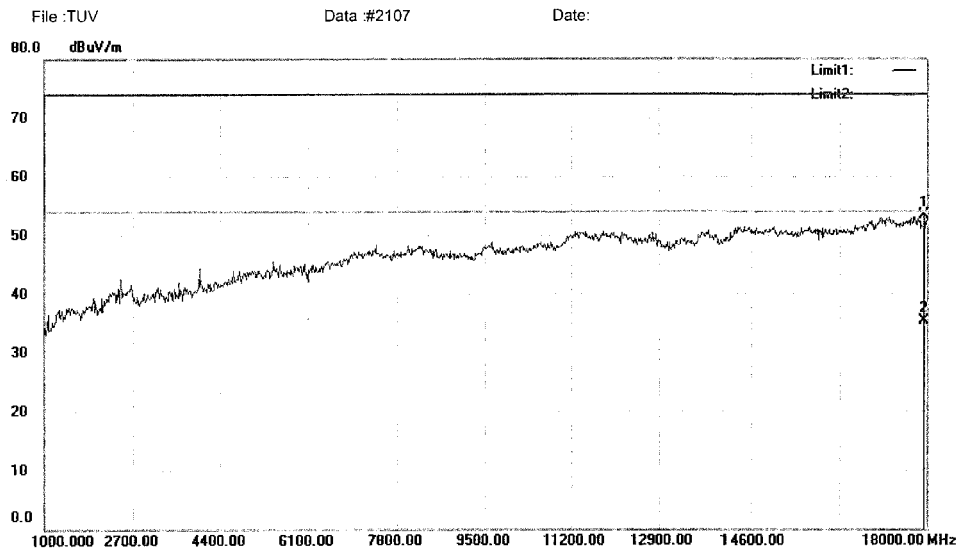
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #2108

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


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode: 8DPSK 2480
 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		17949.00	38.73	14.55	53.28	74.00	-20.72	peak		
2	*	17949.00	20.85	14.55	35.40	54.00	-18.60	AVG		

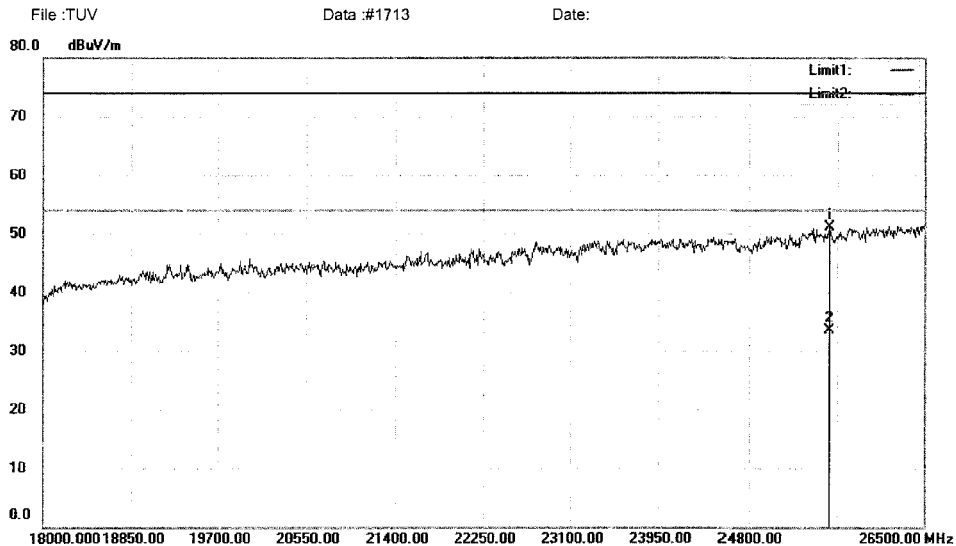
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV\Data :#2107

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 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
 Mode:GFSK 2402
 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		25573.50	87.44	-36.31	51.13	74.00	-22.87	peak		0
2	*	25573.50	69.91	-36.31	33.60	54.00	-20.40	AVG		0

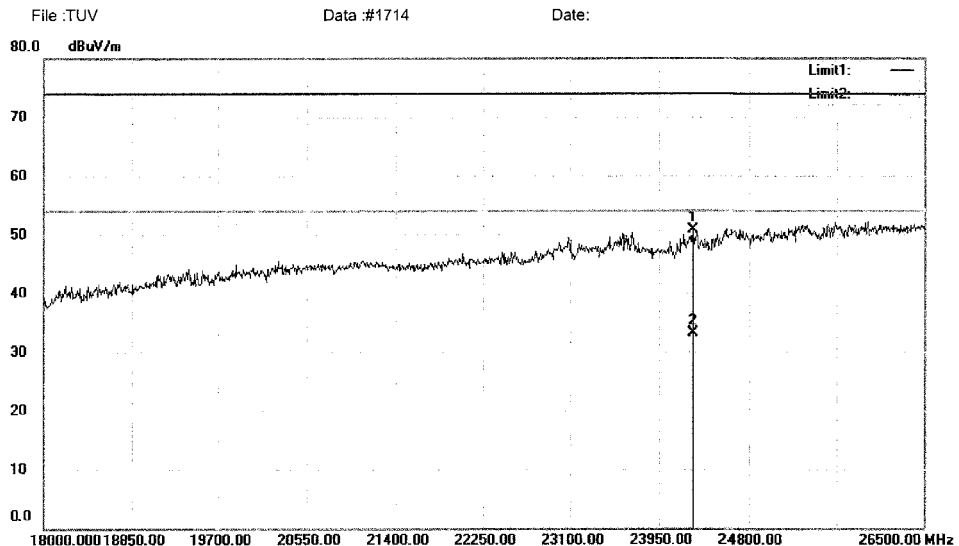
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#1713

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


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 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
 Mode:GFSK 2402
 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		24281.50	87.82	-37.10	50.72	74.00	-23.28	peak	0	
2	*	24281.50	70.20	-37.10	33.10	54.00	-20.90	AVG	0	

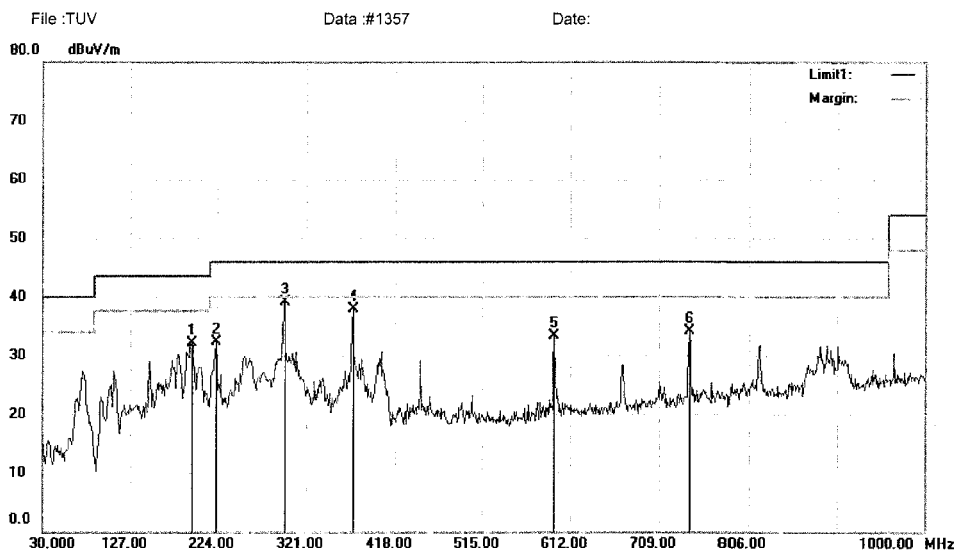
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV\Data :#1714

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 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
 Mode: BLE 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		195.8700	48.13	-16.06	32.07	43.50	-11.43	QP		
2		223.0300	46.72	-14.41	32.31	46.00	-13.69	QP		
3	*	297.7200	50.80	-11.69	39.11	46.00	-6.89	QP		
4		371.4400	48.19	-10.36	37.83	46.00	-8.17	QP		
5		594.5400	39.35	-5.95	33.40	46.00	-12.60	QP		
6		742.9500	37.78	-3.63	34.15	46.00	-11.85	QP		

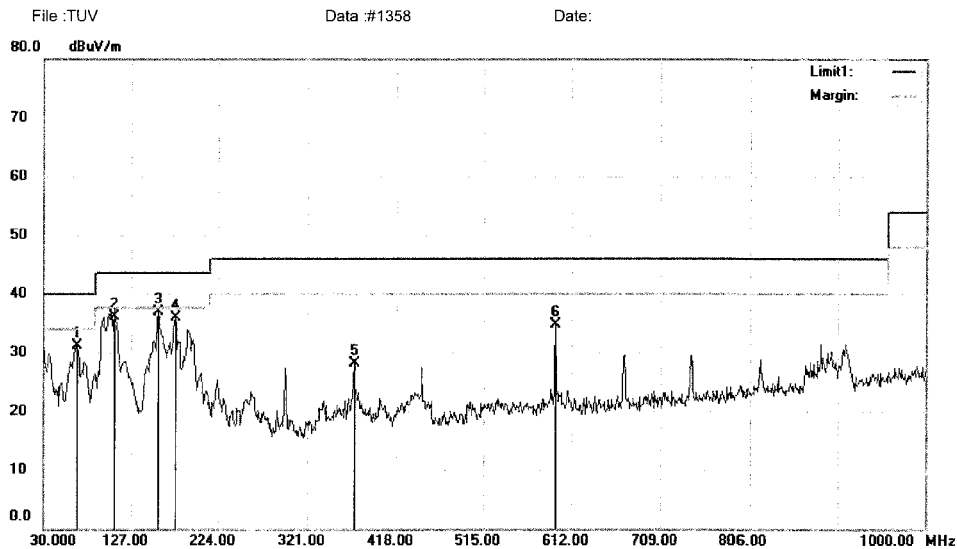
*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData: #1357

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


Site: 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 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
 Mode: BLE 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		66.8600	48.10	-17.01	31.09	40.00	-8.91	QP		
2		108.5700	51.57	-15.37	36.20	43.50	-7.30	QP		
3	*	157.0700	55.47	-18.52	36.95	43.50	-6.55	QP		
4		176.4700	53.11	-17.18	35.93	43.50	-7.57	QP		
5		371.4400	38.50	-10.36	28.14	46.00	-17.86	QP		
6		594.5400	40.74	-5.95	34.79	46.00	-11.21	QP		

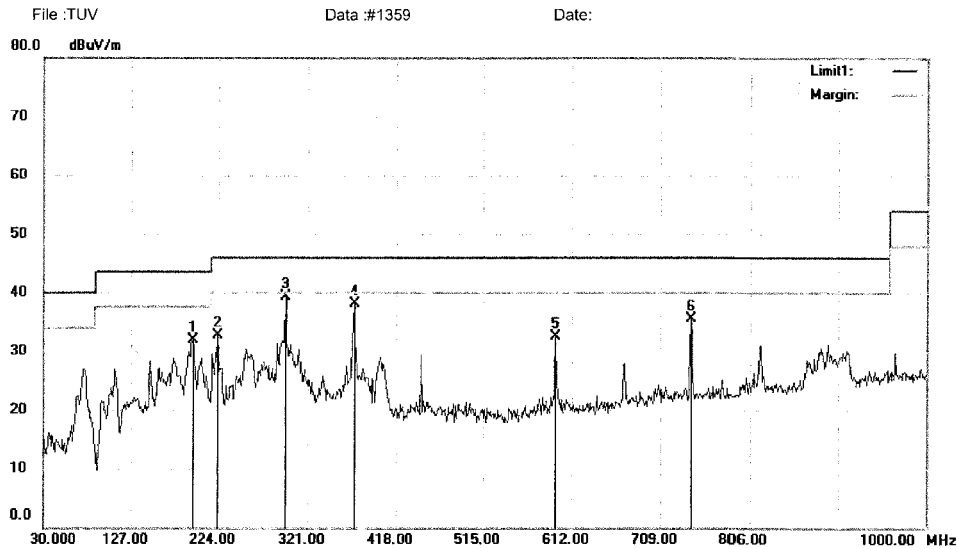
*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData: #1358

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 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
 Mode: BLE 2440
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		195.8700	47.98	-16.06	31.92	43.50	-11.58	QP		
2		223.0300	47.04	-14.41	32.63	46.00	-13.37	QP		
3	*	296.7500	50.96	-11.73	39.23	46.00	-6.77	QP		
4		371.4400	48.48	-10.36	38.12	46.00	-7.88	QP		
5		594.5400	38.38	-5.95	32.43	46.00	-13.57	QP		
6		742.9500	39.11	-3.63	35.48	46.00	-10.52	QP		

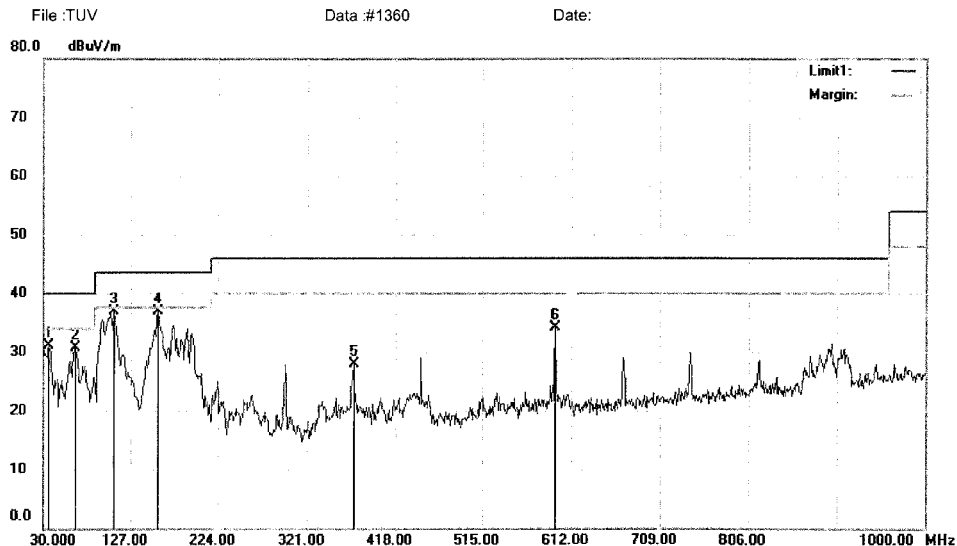
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #1359

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


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 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
 Mode: BLE 2440
 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		35.8200	47.88	-16.79	31.09	40.00	-8.91	QP		
2		64.9200	47.11	-16.46	30.65	40.00	-9.35	QP		
3		108.5700	52.18	-15.37	36.81	43.50	-6.69	QP		
4	*	157.0700	55.35	-18.52	36.83	43.50	-6.67	QP		
5		371.4400	38.35	-10.36	27.99	46.00	-18.01	QP		
6		594.5400	40.14	-5.95	34.19	46.00	-11.81	QP		

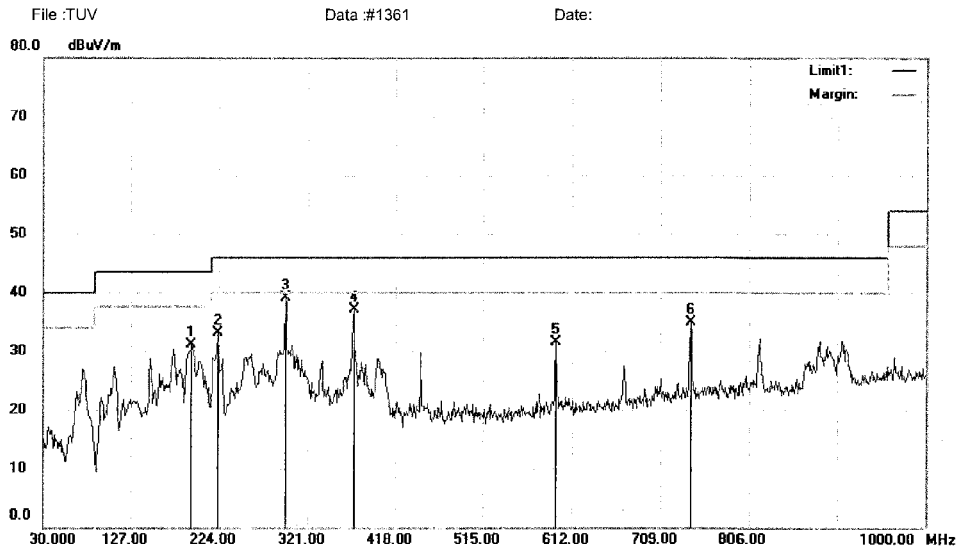
*: Maximum data x: Over limit !: over margin

Operator: KK

File: TUVData: #1360

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


Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

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

Mode: BLE 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		193.9300	47.37	-16.31	31.06	43.50	-12.44	QP		
2		223.0300	47.50	-14.41	33.09	46.00	-12.91	QP		
3	*	296.7500	50.82	-11.73	39.09	46.00	-6.91	QP		
4		371.4400	47.38	-10.36	37.02	46.00	-8.98	QP		
5		594.5400	37.44	-5.95	31.49	46.00	-14.51	QP		
6		742.9500	38.44	-3.63	34.81	46.00	-11.19	QP		

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

Operator: KK

File: TUVData: #1361

Page: 1

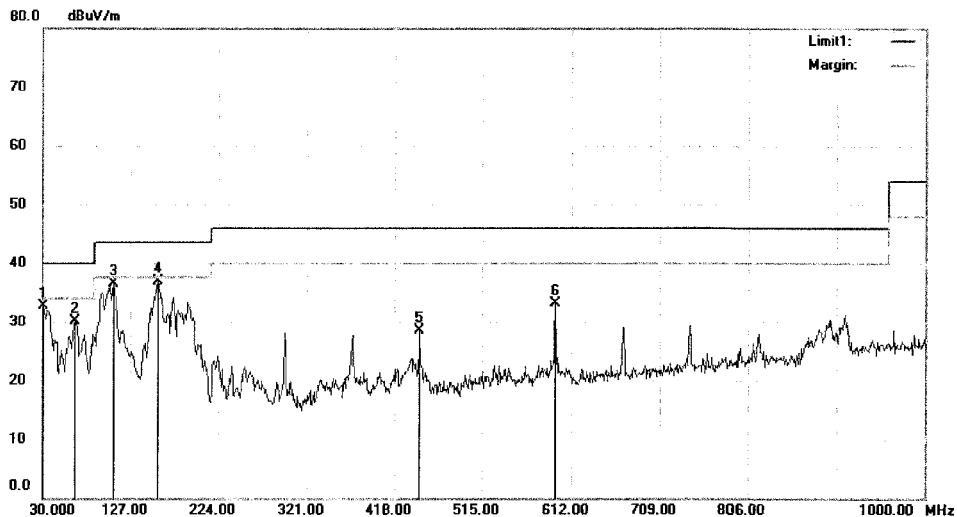
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File :TUV

Data :#1362

Date:



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

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

Mode:BLE 2480

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		30.9700	50.16	-17.36	32.80	40.00	-7.20	QP		
2		65.8900	46.90	-16.73	30.17	40.00	-9.83	QP		
3		107.6000	51.78	-15.35	36.43	43.50	-7.07	QP		
4	*	157.0700	55.51	-18.52	36.99	43.50	-6.51	QP		
5		446.1300	37.25	-8.73	28.52	46.00	-17.48	QP		
6		594.5400	39.14	-5.95	33.19	46.00	-12.81	QP		

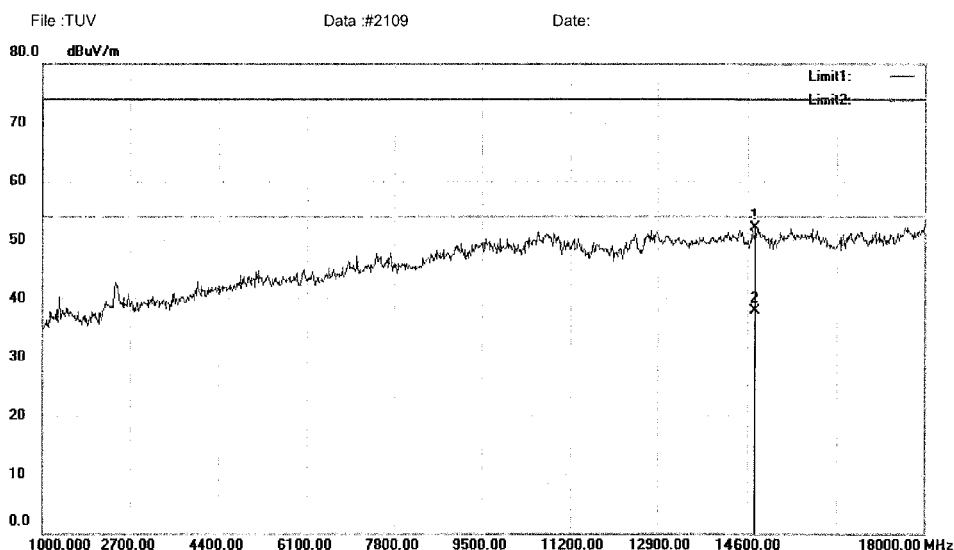
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUVData :#1362

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode: BLE 2402
 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		14753.00	50.17	1.95	52.12	74.00	-21.88	peak	0	
2	*	14753.00	36.00	1.95	37.95	54.00	-16.05	AVG	0	

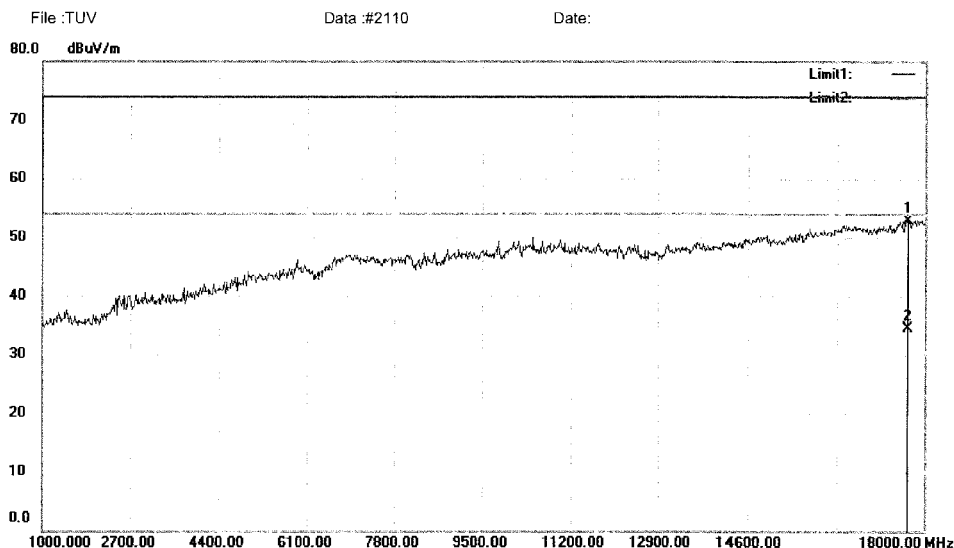
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #2109

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


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 53 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode: BLE 2402
 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		17660.00	42.24	10.75	52.99	74.00	-21.01	peak		
2	*	17660.00	23.85	10.75	34.60	54.00	-19.40	AVG		

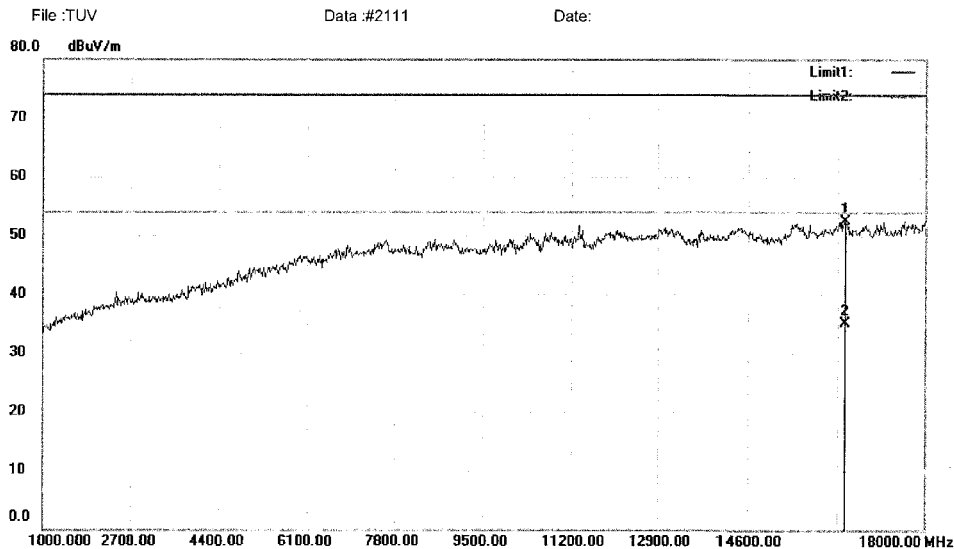
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #2110

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


Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

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

Mode: BLE 2440

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		16436.00	52.85	-0.28	52.57	74.00	-21.43	peak		
2	*	16436.00	35.38	-0.28	35.10	54.00	-18.90	AVG		

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

Operator: KK

File: TUVData: #2111

Page: 1

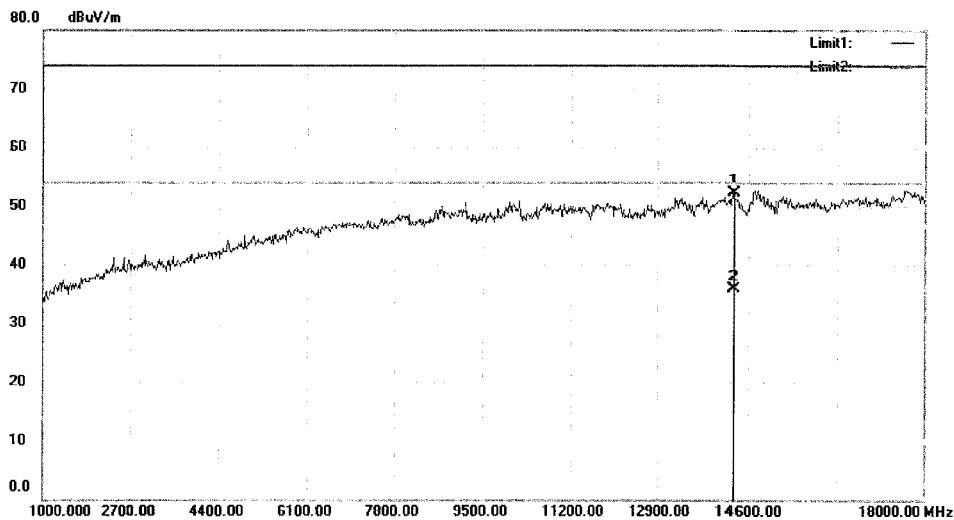
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File: TUV

Data: #2112

Date:



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

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

Mode: BLE 2440

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		14328.00	50.07	2.24	52.31	74.00	-21.69	peak		
2	*	14328.00	33.76	2.24	36.00	54.00	-18.00	AVG		

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

Operator: KK

File: TUVData: #2112

Page: 1

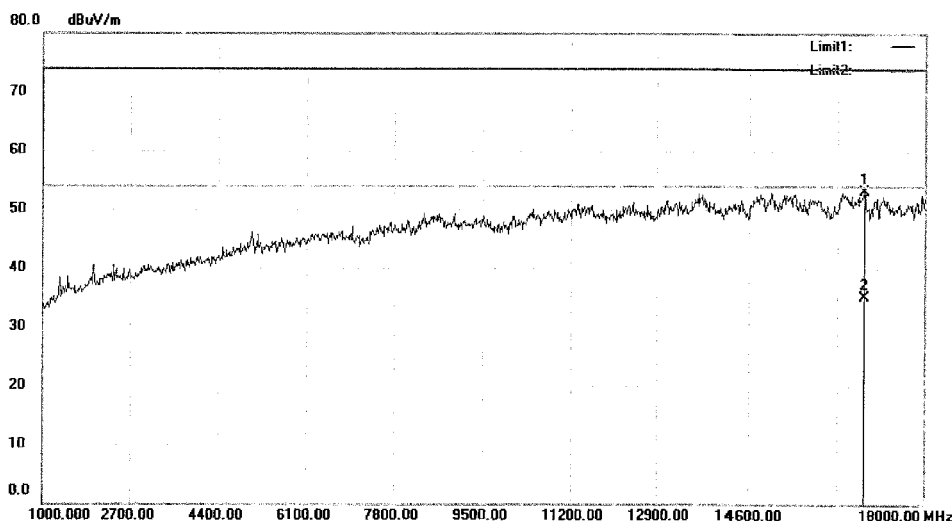
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Najialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File :TUV

Data :#2114

Date:



Site 3m Chamber #3

 Polarization: *Horizontal*

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

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

Mode:BLE 2480

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		16827.00	51.77	1.34	53.11	74.00	-20.89	peak		
2	*	16827.00	33.86	1.34	35.20	54.00	-18.80	AVG		

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

Operator: KK

File :TUVData :#2114

Page: 1

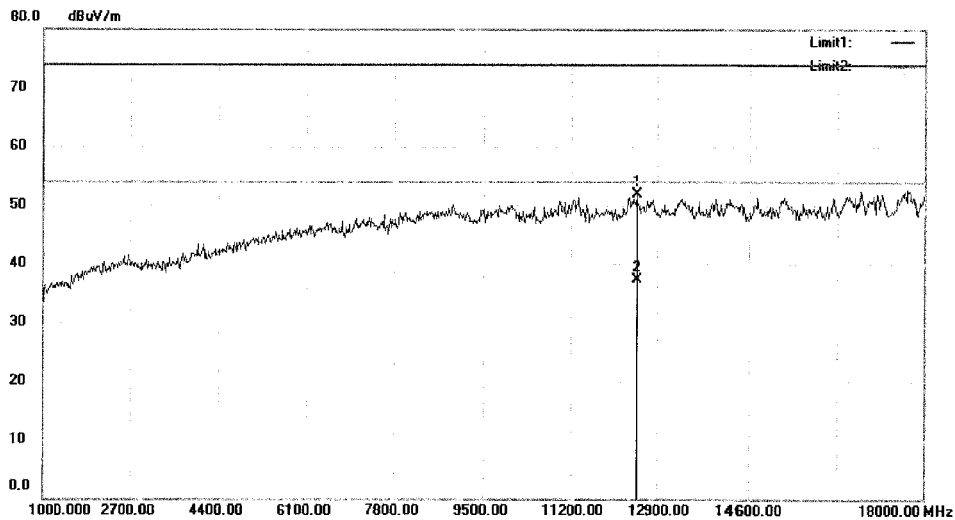
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Radiated Emission Measurement

File: TUV

Data: #2113

Date:



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Wall board 32" Tablet

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

Mode: BLE 2480

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		12492.00	54.77	-2.84	51.93	74.00	-22.07	peak	0	
2	*	12492.00	40.14	-2.84	37.30	54.00	-16.70	AVG	0	

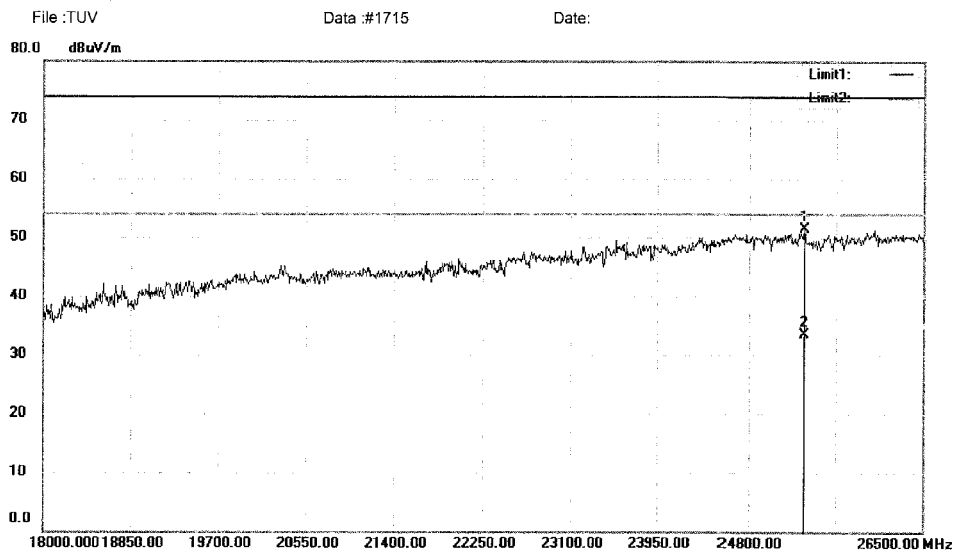
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #2113

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


Site 3m Chamber #3 Polarization: **Horizontal** Temperature: 24 C
 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
 Mode: BLE 2402
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		25335.50	88.20	-36.60	51.60	74.00	-22.40	peak	0	
2	*	25335.50	70.10	-36.60	33.50	54.00	-20.50	AVG	0	

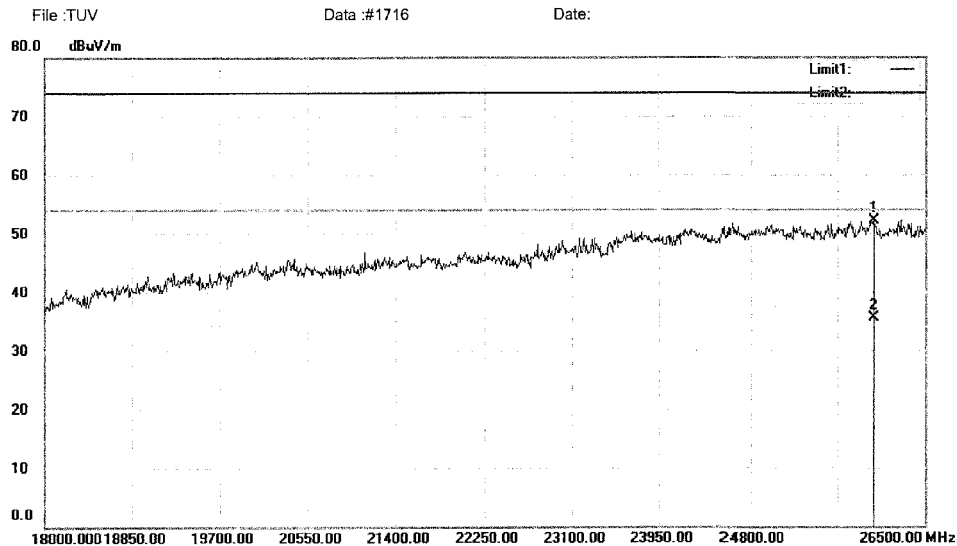
*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUVData: #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


Site 3m Chamber #3 Polarization: **Vertical** Temperature: 24 C
 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
 Mode:BLE 2402
 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		26007.00	87.93	-35.78	52.15	74.00	-21.85	peak		0
2	*	26007.00	71.38	-35.78	35.60	54.00	-18.40	AVG		0

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

Operator: KK

File :TUV\Data :#1716

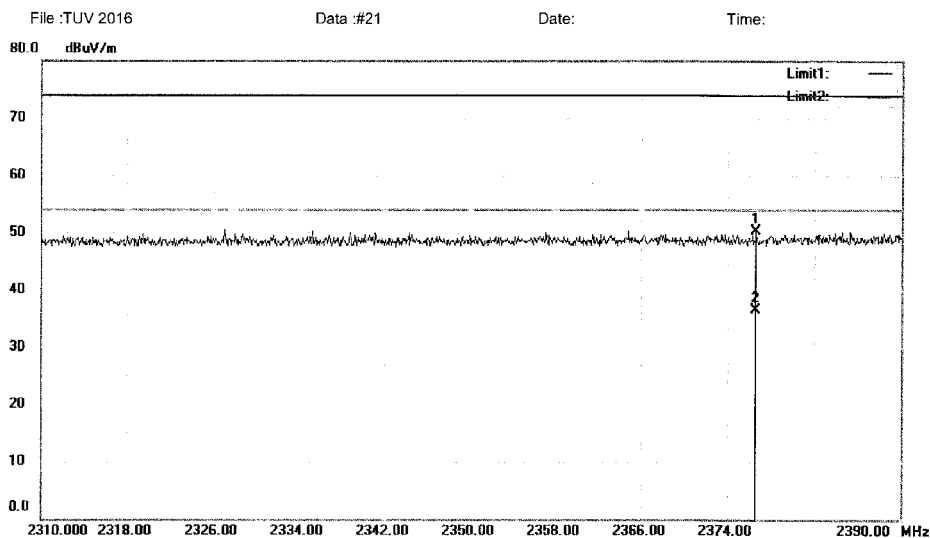
Page: 1

Test Plot of Band Edge

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



Site 3m Chamber #2 Polarization: **Horizontal** Temperature: 22 C
 Limit: (RE)FCC PART 15 CLASS B PEAK Power: AC 120V/60Hz Humidity: 50 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode:DH1 2402
 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 Comment
1		2376.450	18.78	31.43	50.21	74.00	-23.79	peak		
2	*	2376.450	5.07	31.43	36.50	54.00	-17.50	AVG		

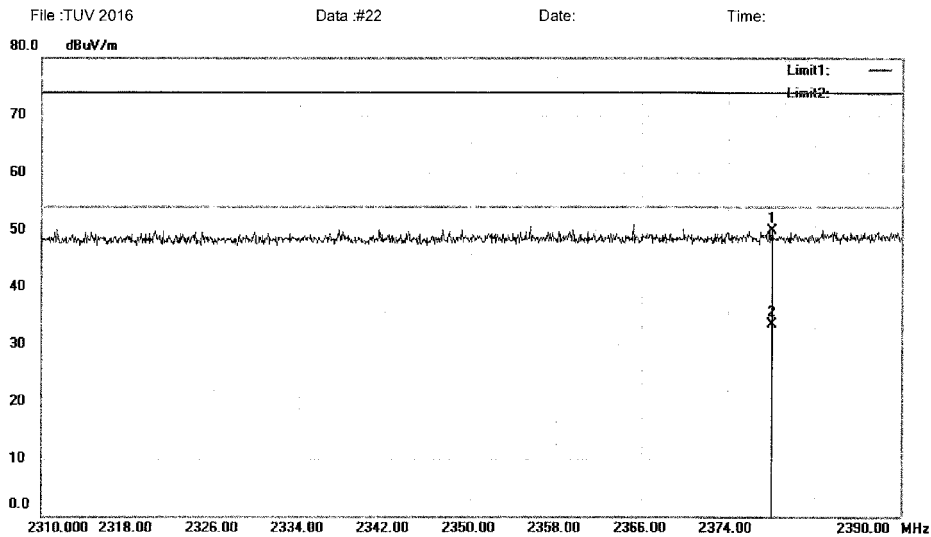
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2016\Data :#21

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


Site 3m Chamber #2 Polarization: **Vertical** Temperature: 22 C
 Limit: (RE)FCC PART 15 CLASS B PEAK Power: AC 120V/60Hz Humidity: 50 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode:DH1 2402
 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 Comment
1		2377.907	18.53	31.43	49.96	74.00	-24.04	peak		
2	*	2377.907	2.17	31.43	33.60	54.00	-20.40	AVG		

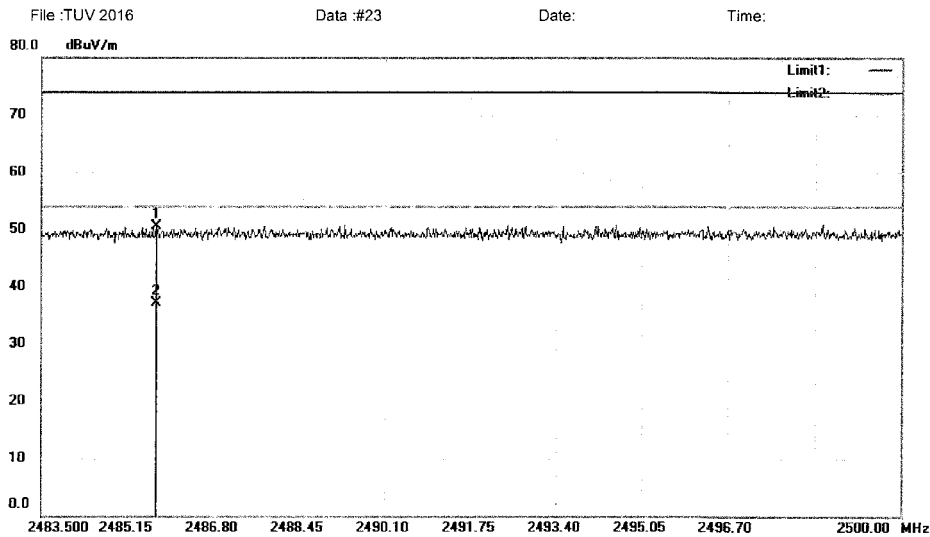
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2016Data :#22

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


Site 3m Chamber #2 Polarization: **Horizontal** Temperature: 22 C
 Limit: (RE)FCC PART 15 CLASS B PEAK Power: AC 120V/60Hz Humidity: 50 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode:DH1 2480
 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 Comment
1		2485.672	18.60	31.86	50.46	74.00	-23.54	peak		
2	*	2485.672	5.34	31.86	37.20	54.00	-16.80	AVG		

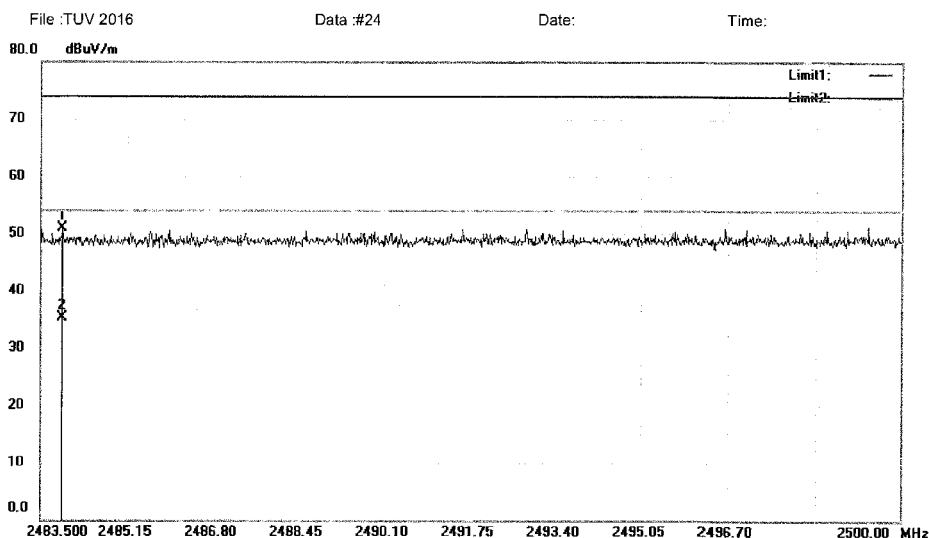
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2016\Data :#23

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


Site 3m Chamber #2 Polarization: **Vertical** Temperature: 22 C
 Limit: (RE)FCC PART 15 CLASS B PEAK Power: AC 120V/60Hz Humidity: 50 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode:DH1 2480
 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 Comment
1		2483.911	19.04	31.85	50.89	74.00	-23.11	peak		
2	*	2483.911	3.55	31.85	35.40	54.00	-18.60	AVG		

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

Operator: KK

File :TUV 2016Data :#24

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

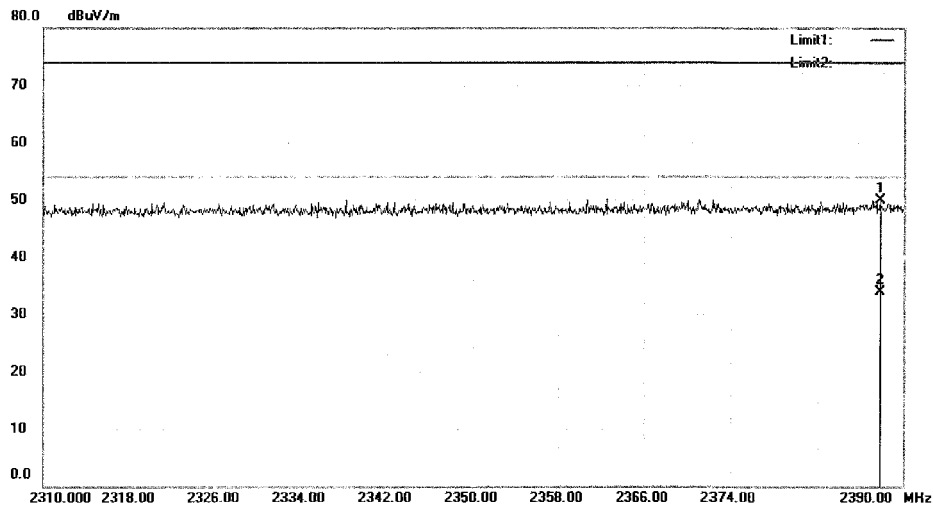
Radiated Emission Measurement

File :TUV 2016

Data :#27

Date:

Time:



Site 3m Chamber #2

 Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Wall board 32" Tablet

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

Mode:3DH1 2402

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 Comment
1		2387.723	18.48	31.47	49.95	74.00	-24.05	peak		
2	*	2387.723	2.53	31.47	34.00	54.00	-20.00	AVG		

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

Operator: KK

File :TUV 2016\Data :#27

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

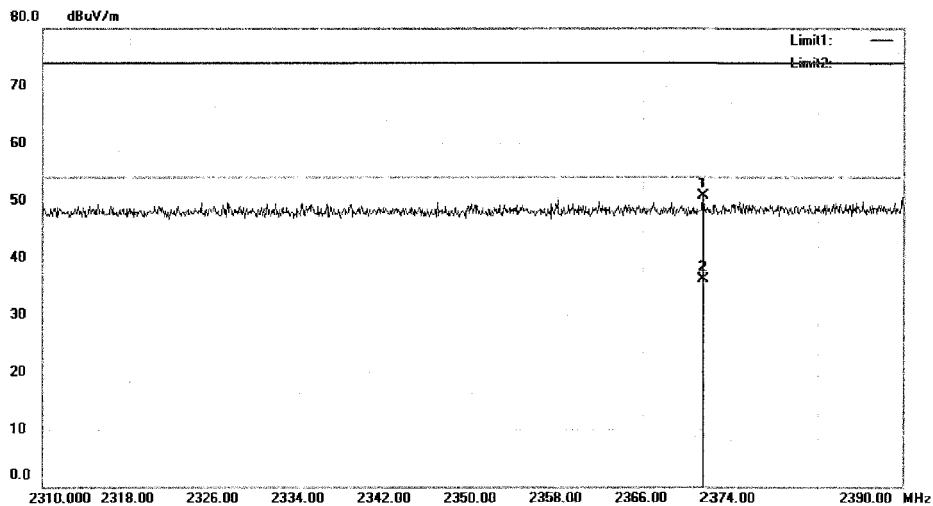

Radiated Emission Measurement

File :TUV 2016

Data :#28

Date:

Time:



Site 3m Chamber #2

 Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Wall board 32" Tablet

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

Mode:3DH1 2402

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 Comment
1		2371.439	19.29	31.40	50.69	74.00	-23.31	peak		
2	*	2371.439	4.70	31.40	36.10	54.00	-17.90	AVG		

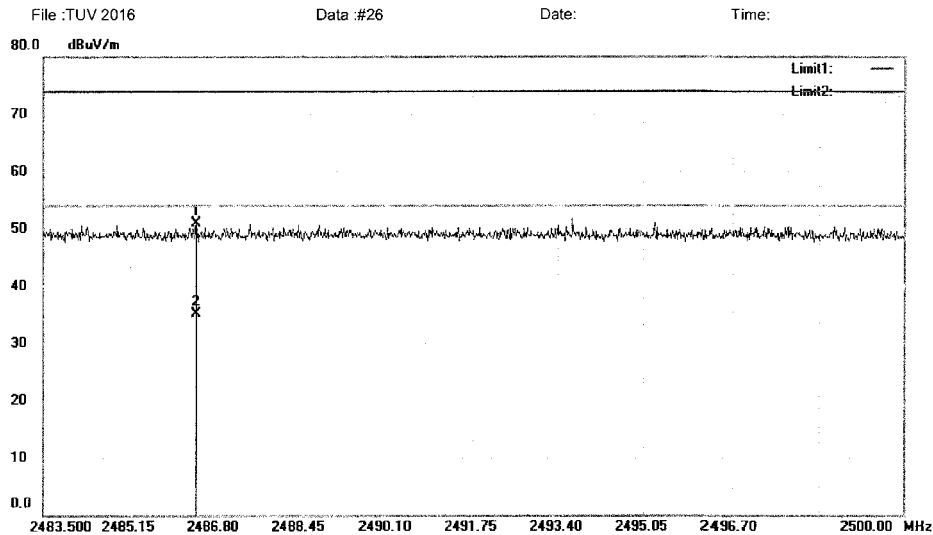
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2016Data :#28

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


Site 3m Chamber #2 Polarization: **Horizontal** Temperature: 22 C
 Limit: (RE)FCC PART 15 CLASS B PEAK Power: AC 120V/60Hz Humidity: 50 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode: 3DH1 2480
 Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
		MHz	Level	Factor	ment			Height	Degree
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		2486.429	19.08	31.86	50.94	74.00	-23.06	peak	
2	*	2486.429	3.34	31.86	35.20	54.00	-18.80	AVG	

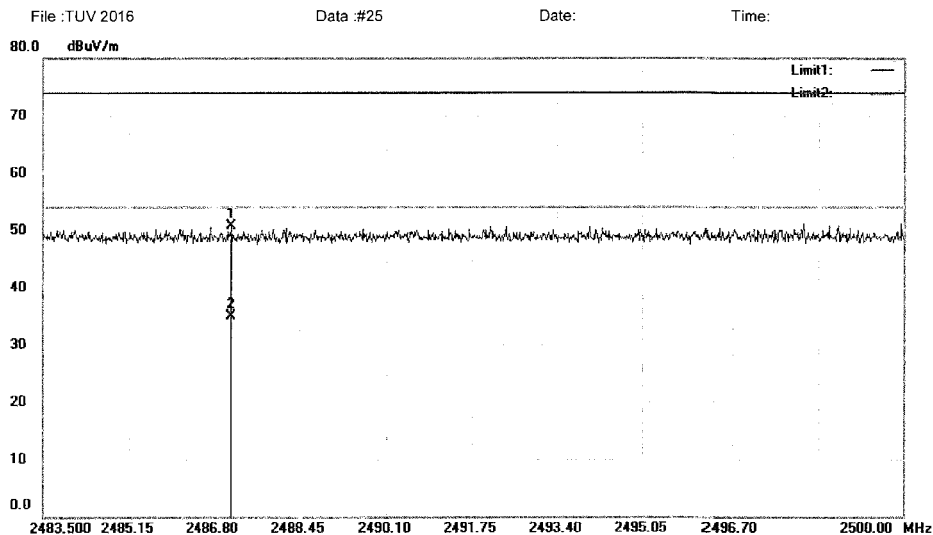
*:Maximum data x:Over limit !:over margin

Operator: KK

File : TUV 2016\Data : #26

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


Site 3m Chamber #2 Polarization: **Vertical** Temperature: 22 C
 Limit: (RE)FCC PART 15 CLASS B PEAK Power: AC 120V/60Hz Humidity: 50 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode:3DH1 2480
 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 Comment
1	2487.137	18.76	31.86	50.62	74.00	-23.38	peak		
2 *	2487.137	3.04	31.86	34.90	54.00	-19.10	AVG		

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

Operator: KK

File :TUV 2016\Data :#25

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

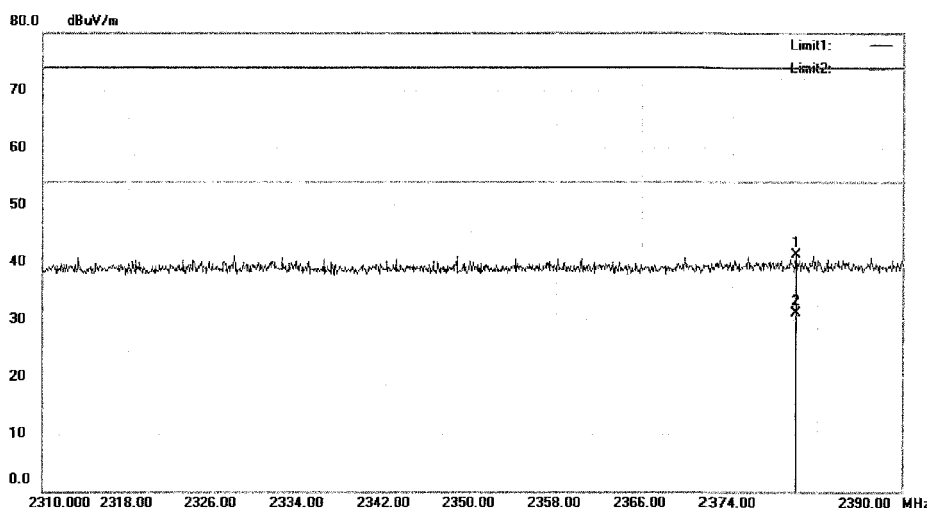
Radiated Emission Measurement

File :TUV 2016

Data :#18

Date:

Time:



Site 3m Chamber #2

 Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Wall board 32" Tablet

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

Mode:BLE 2402

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		2379.850	49.26	-7.95	41.31	74.00	-32.69	peak		
2	*	2379.850	39.15	-7.95	31.20	54.00	-22.80	AVG		

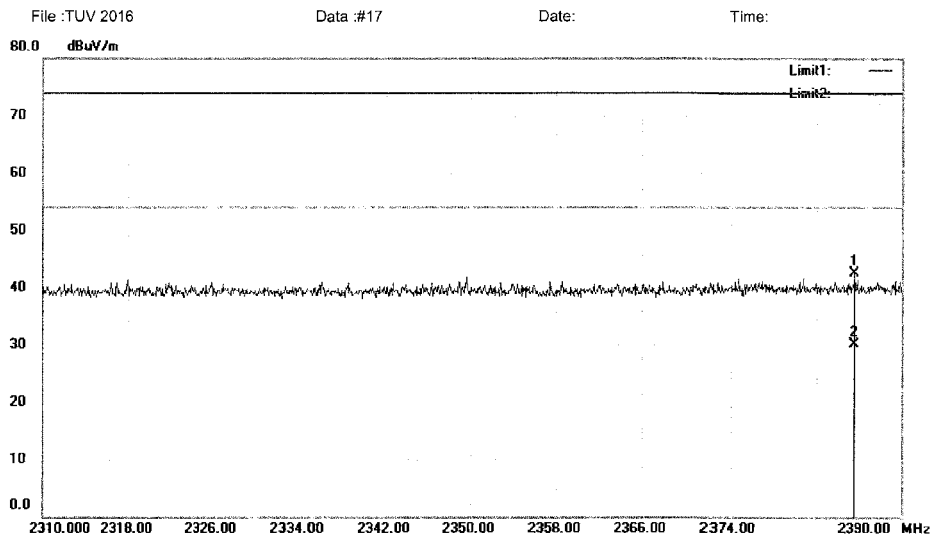
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2016\Data :#18

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


Site 3m Chamber #2 Polarization: **Vertical** Temperature: 22 C
 Limit: (RE)FCC PART 15 CLASS B PEAK Power: AC 120V/60Hz Humidity: 50 %
 EUT: Wall board 32" Tablet
 M/N: P-WAL-106-YIT-01
 Mode: BLE 2402
 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 Comment
1		2385.529	50.47	-7.92	42.55	74.00	-31.45	peak		
2	*	2385.529	38.12	-7.92	30.20	54.00	-23.80	AVG		

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

Operator: KK

File :TUV 2016\Data :#17

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

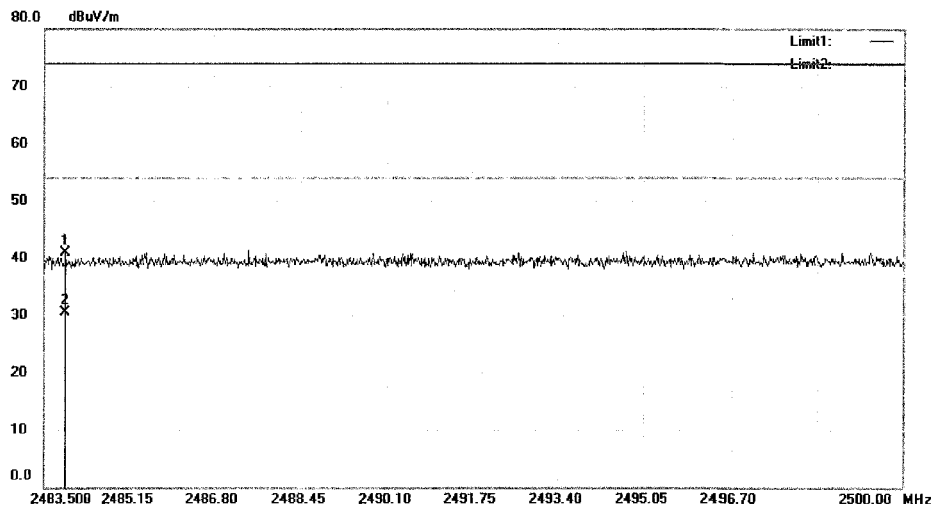

Radiated Emission Measurement

File :TUV 2016

Data :#19

Date:

Time:



Site 3m Chamber #2

 Polarization: **Horizontal**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Wall board 32" Tablet

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

Mode:BLE 2480

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 Comment
1		2483.911	48.42	-7.53	40.89	74.00	-33.11	peak		
2	*	2483.911	38.13	-7.53	30.60	54.00	-23.40	AVG		

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

Operator: KK

File :TUV 2016\Data :#19

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

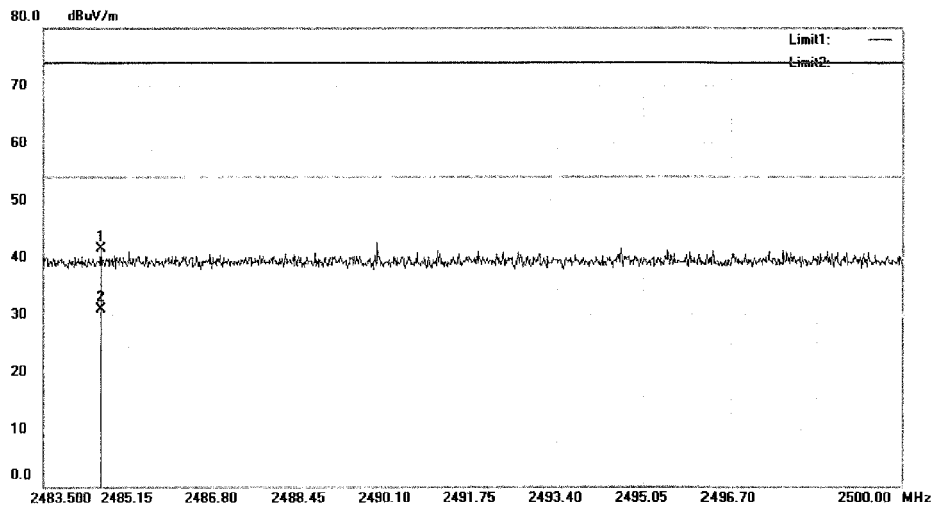

Radiated Emission Measurement

File :TUV 2016

Data #20

Date:

Time:



Site 3m Chamber #2

 Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B PEAK

Power: AC 120V/60Hz

Humidity: 50 %

EUT: Wall board 32" Tablet

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

Mode:BLE 2480

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 Comment
1		2484.602	49.10	-7.53	41.57	74.00	-32.43	peak		
2	*	2484.602	38.43	-7.53	30.90	54.00	-23.10	AVG		

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

Operator: KK

File :TUV 2016\Data :#20

Page: 1

5.1.8 Frequency Separation

RESULT:

Pass

Date of testing	:	2016-07-26
Test standard	:	FCC part 15.247(a)(1) RSS-247 clause 5.1(2)
Basic standard	:	ANSI C63.10: 2013
Limit	:	≥ 25kHz or two-thirds of 20dB bandwidth, whichever is greater
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1.a
Ambient temperature	:	25°C
Relative humidity	:	50%
Atmospheric pressure	:	101kPa

Table 14: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1.011	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1.011	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2479	1.005	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2480			

Prüfbericht - Nr.: 50055364 001

Test Report No.

Seite 86 von 93

Page 86 of 93

5.1.9 Number of hopping frequency**RESULT:****Pass**

Date of testing : 2016-07-26
Test standard : FCC part 15.247(a)(1)(iii)
RSS-247 clause 5.1(4)
Basic standard : ANSI C63.10: 2013
Limits : ≥ 15 non-overlapping channels
Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.1.a
Ambient temperature : 25°C
Relative humidity : 50%
Atmospheric pressure : 101kPa

Table 15: Test result of Number of hopping frequency

Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
2402 to 2480MHz	79	≥ 15	Pass

5.1.10 Time of Occupancy

RESULT:

Pass

Date of testing	:	2016-07-26
Test standard	:	FCC part 15.247(a)(1)(iii) RSS-247 clause 5.1(4)
Basic standard	:	ANSI C63.10: 2013
Limits	:	0.4s
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1.a
Ambient temperature	:	25°C
Relative humidity	:	50%
Atmospheric pressure	:	101kPa

Table 16: Test result of Time of Occupancy

Mode	Packet Type	Channel Frequency (MHz)	Packet Duration [ms]	Number of Hops per Channel	Dwell Time (ms)	Limit [ms]
BDR	DH1	2402	0.384	320	122.88	400
		2441	0.384	320	122.88	400
		2480	0.380	320	121.6	400
	DH3	2402	1.638	165	270.27	400
		2441	1.624	165	267.96	400
		2480	1.638	165	270.27	400
	DH5	2402	2.870	112	321.44	400
		2441	2.880	112	322.56	400
		2480	2.880	112	322.56	400
EDR	DH1	2402	0.300	320	96.00	400
		2441	0.296	320	94.72	400
		2480	0.300	320	96.00	400
	DH3	2402	1.638	165	270.27	400
		2441	1.638	165	270.27	400
		2480	1.645	165	271.43	400
	DH5	2402	2.890	112	323.68	400
		2441	2.870	112	321.44	400
		2480	2.890	112	323.68	400

5.1.11 Conducted emissions**RESULT:****Pass**

Date of testing	:	2016-08-13
Test standard	:	FCC Part 15.207
		RSS-Gen Clause 8.8
Basic standard	:	ANSI C63.10: 2013
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207
		Table 3 of RSS-Gen
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.

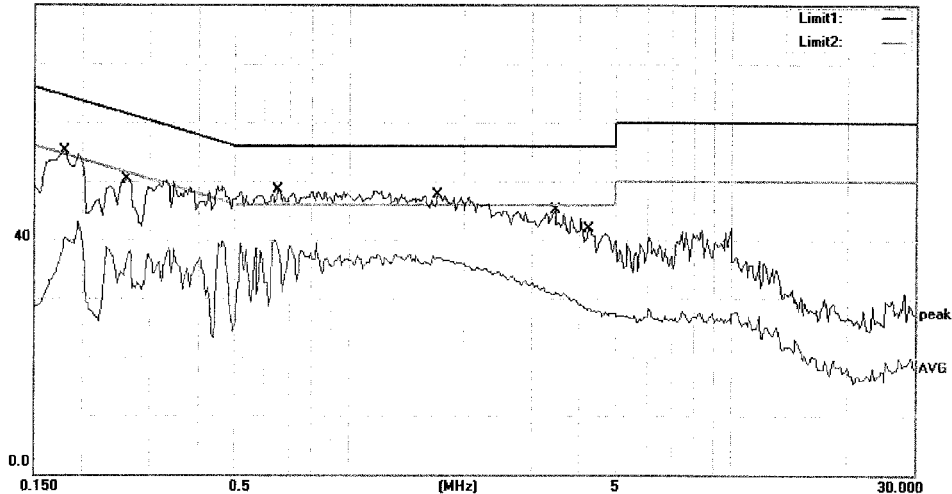
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Conducted Emission Measurement

File : TUV-RH
 80.0 dBuV

Data : #288

Date: 16/08/13/



Site Conducted #3
 Limit: (CE)FCC PART 15 class B_QP
 EUT: WALLBOARD32"TABLET
 M/N: P-WAL-106-YIT-01
 Mode: BT Connect
 Note:

Phase: **L1** Temperature: 22
 Power: AC 120V/60Hz Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1800	55.07	0.00	55.07	64.49	-9.42	QP	
2		0.1800	43.01	0.00	43.01	54.49	-11.48	AVG	
3		0.2600	50.35	0.00	50.35	61.43	-11.08	QP	
4		0.2600	38.61	0.00	38.61	51.43	-12.82	AVG	
5		0.6500	48.51	0.00	48.51	56.00	-7.49	QP	
6	*	0.6500	39.91	0.00	39.91	46.00	-6.09	AVG	
7		1.7000	47.67	0.00	47.67	56.00	-8.33	QP	
8		1.7000	37.52	0.00	37.52	46.00	-8.48	AVG	
9		3.4550	45.06	0.00	45.06	56.00	-10.94	QP	
10		3.4550	34.66	0.00	34.66	46.00	-11.34	AVG	
11		4.2350	41.94	0.00	41.94	56.00	-14.06	QP	
12		4.2350	28.28	0.00	28.28	46.00	-17.72	AVG	

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

File : TUV-RH\Data : #288

Page: 1

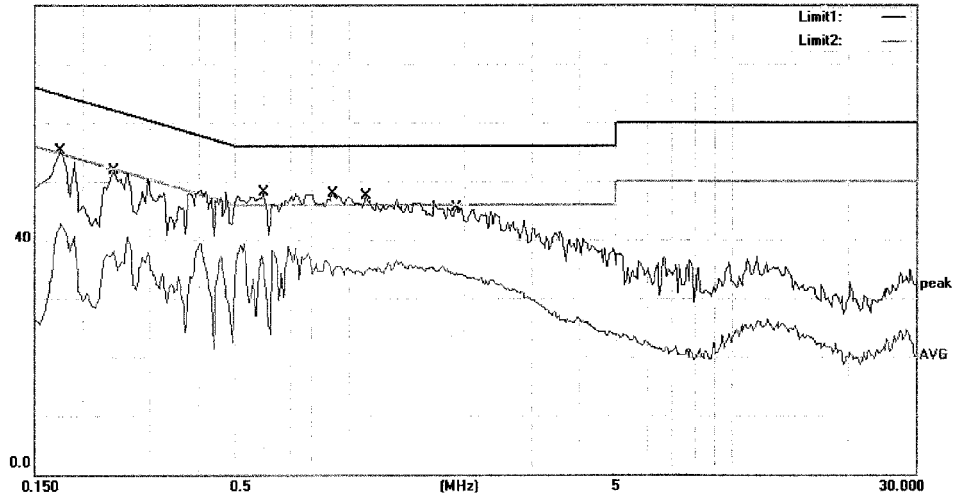
Shenzhen EMTEK Co., Ltd.
 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
 www.emtek.com.cn Tel: +86-755-2695 4280 Fax: +86-755-2695 4282


Conducted Emission Measurement

File: TUV-RH
 80.0 dBuV

Data: #289

Date: 16/08/13/



Site: Conducted #3
 Limit: (CE)FCC PART 15 class B_QP
 EUT: WALLBOARD32"TABLET
 M/N: P-WAL-106-YIT-01
 Mode: BT Connect
 Note:

Phase: **N** Temperature: 22
 Power: AC 120V/60Hz Humidity: 55 %

No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1750	55.23	0.00	55.23	64.72	-9.49	QP	
2	0.1750	42.82	0.00	42.82	54.72	-11.90	AVG	
3	0.2400	51.92	0.00	51.92	62.10	-10.18	QP	
4	0.2400	40.50	0.00	40.50	52.10	-11.60	AVG	
5	0.5950	48.20	0.00	48.20	56.00	-7.80	QP	
6 *	0.5950	39.58	0.00	39.58	46.00	-6.42	AVG	
7	0.9050	47.85	0.00	47.85	56.00	-8.15	QP	
8	0.9050	37.65	0.00	37.65	46.00	-8.35	AVG	
9	1.1000	47.41	0.00	47.41	56.00	-8.59	QP	
10	1.1000	36.48	0.00	36.48	46.00	-9.52	AVG	
11	1.9000	45.48	0.00	45.48	56.00	-10.52	QP	
12	1.9000	35.70	0.00	35.70	46.00	-10.30	AVG	

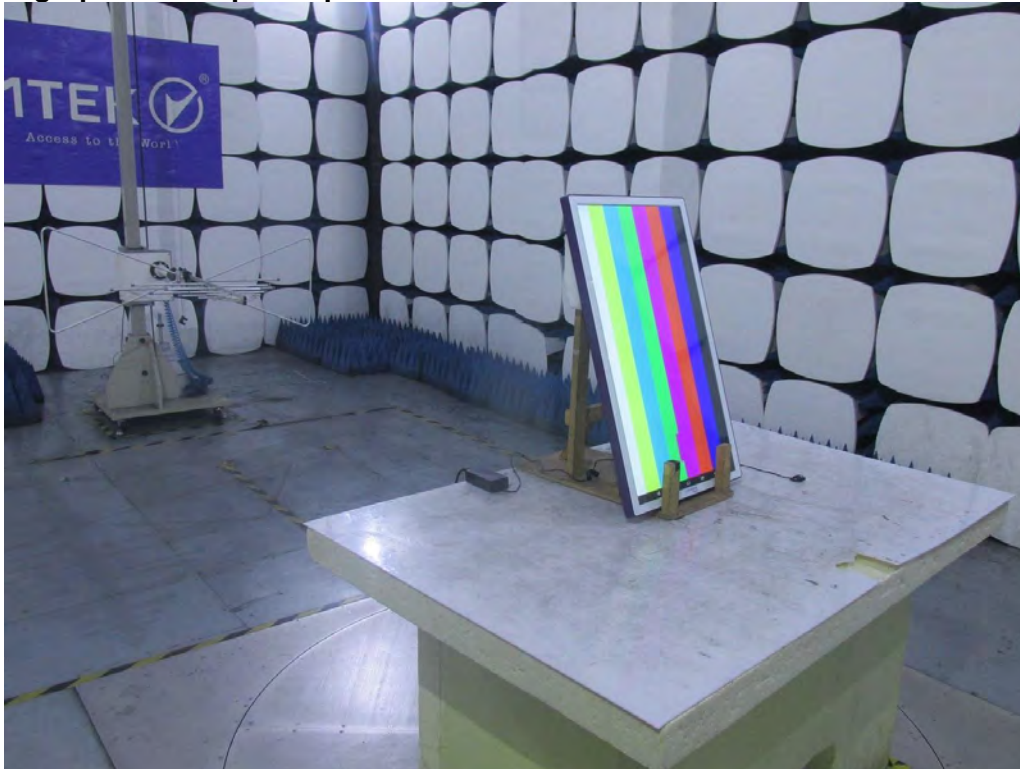
*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jason

File: TUV-RHData: #289

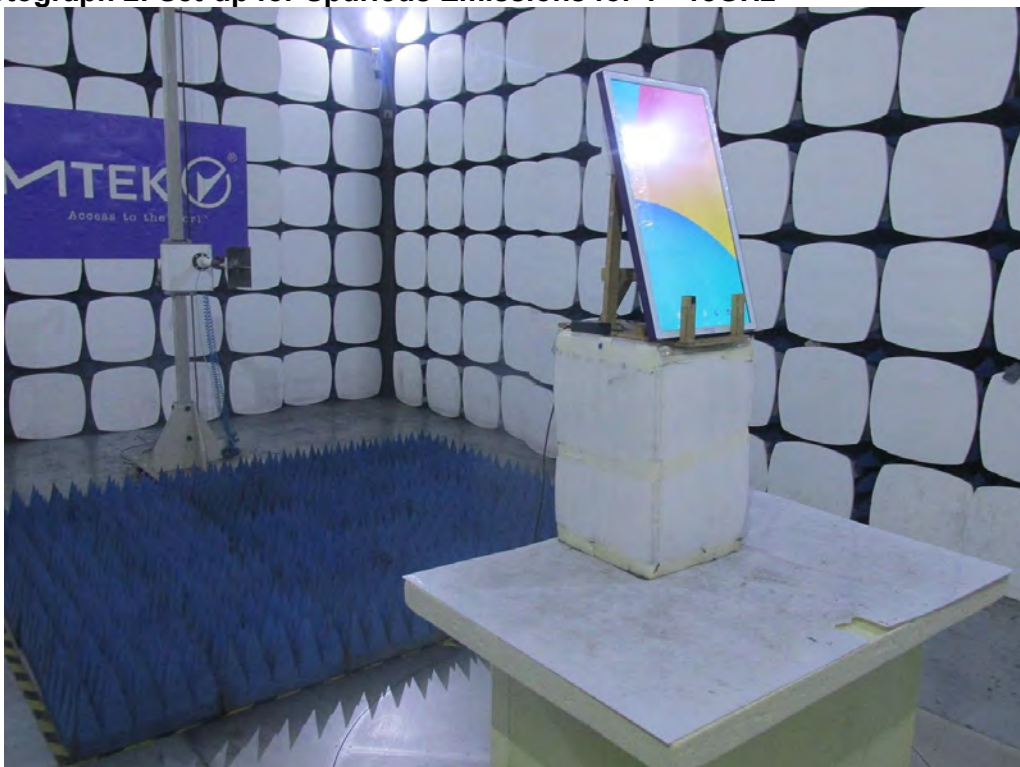
Page: 1

6. Photographs of the Test Set-Up

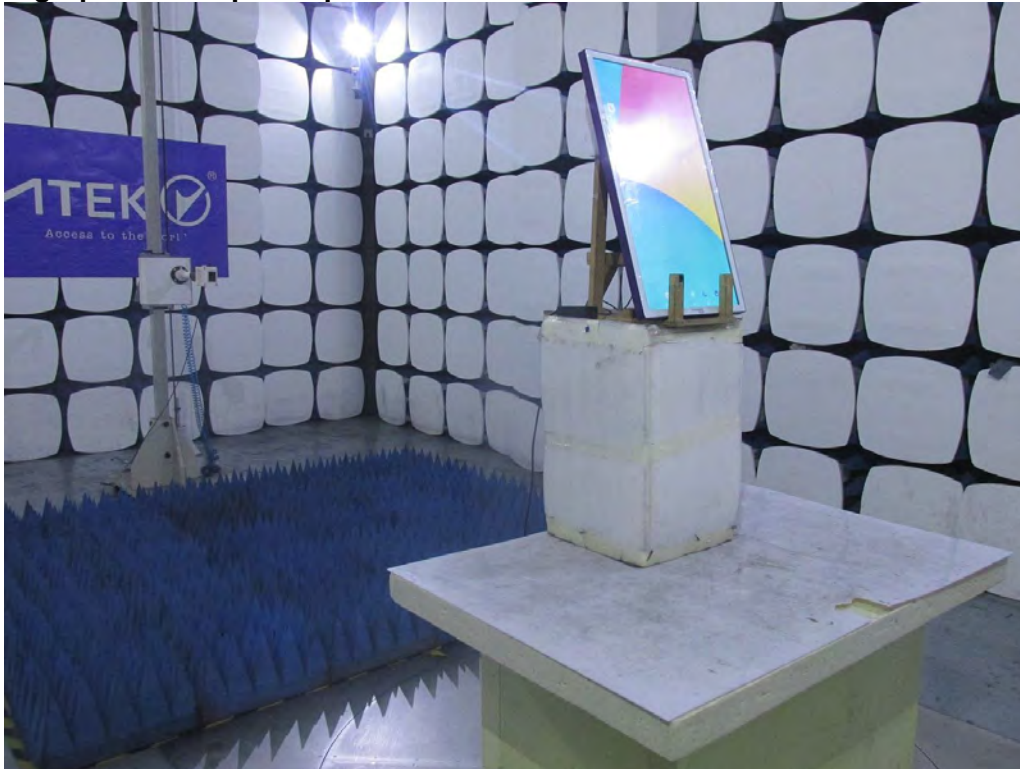
Photograph 1: Set-up for Spurious Emissions for 30 - 1000MHz



Photograph 2: Set-up for Spurious Emissions for 1 - 18GHz



Photograph 3: Set-up for Spurious Emissions for 18 – 26.5GHz



Photograph 4: Set-up for Conducted Emission



7. List of Tables

Table 1: List of Test and Measurement Equipment	5
Table 2: Measurement Uncertainty	6
Table 3: Technical Specification of Bluetooth (BDR & EDR mode)	8
Table 4: RF channel and frequency of Bluetooth (BDR & EDR mode).....	8
Table 5: Technical Specification of Bluetooth (Low Energy mode).....	9
Table 6: RF channel and frequency of Bluetooth (Low Energy mode)	9
Table 7: Test result of Peak Output Power of Bluetooth (BDR mode)	15
Table 8: Test result of Peak Output Power of Bluetooth (EDR mode)	15
Table 9: Test result of Peak Output Power of Bluetooth (Low Energy mode)	15
Table 10: Test result of 20dB and 99% Bandwidth of BDR mode	16
Table 11: Test result of 20dB and 99% Bandwidth of EDR mode	16
Table 12: Test result of 6dB Bandwidth and 99% Bandwidth of Bluetooth, Low Energy mode.....	17
Table 13: Test result of power spectral density	31
Table 14: Test result of Frequency Separation	85
Table 15: Test result of Number of hopping frequency	86
Table 16: Test result of Time of Occupancy.....	87

8. List of Photographs

Photograph 1: Set-up for Spurious Emissions for 30 - 1000MHz	91
Photograph 2: Set-up for Spurious Emissions for 1 - 18GHz.....	91
Photograph 3: Set-up for Spurious Emissions for 18 – 26.5GHz.....	92
Photograph 4: Set-up for Conducted Emission	92