

Prüfbericht-Nr.: <i>Test Report No.:</i>	50094373 002	Auftrags-Nr.: <i>Order No.:</i>	164090912	Seite 1 von 128 <i>Page 1 of 128</i>				
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	17.04.2017					
Auftraggeber: <i>Client:</i>	GIEC TECHNOLOGY (HONG KONG) CO., LTD. Unit 7, 22/F., Billion Trade Centre, 31 Hung To Road, Kwun Tong, Hongkong							
Prüfgegenstand: <i>Test item:</i>	NS-P11A8100, NS-P11A8100-C, NS-P11XXXXXXXX (x=0-9, A-Z, a-z, - or blank, for market purpose only)							
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	NS-P11A8100							
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 2 February 2017 RSS-Gen Issue 4 November 2014							
Wareneingangsdatum: <i>Date of receipt:</i>	29.04.2017							
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000575755-001, A000575755-002, A000575755-003							
Prüfzeitraum: <i>Testing period:</i>	06.05.2017 - 14.06.2017							
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: 							
03-07-2017	Andy Yan/Project Manager	Datum Name / Stellung Date Name / Position	Unterschrift Signature	03-07-2017	Owen Tian/Technical Certifier	Datum Name / Stellung Date Name / Position	Unterschrift Signature	
Sonstiges / Other:	FCC ID: 2AIB2-P11A8100 IC: 21456-P11A8100 HVIN: NS-P11A8100-C							
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>							
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n)	1 = sehr gut	2 = gut	3 = befriedigend	Fail = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend	5 = mangelhaft	N/A = nicht anwendbar	N/T = nicht getestet
Legend: P(ass) = passed a.m. test specification(s)	1 = very good	2 = good	3 = satisfactory	Fail = failed a.m. test specification(s)	4 = sufficient	5 = poor	N/A = not applicable	N/T = not tested
<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.</p> <p>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>								

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 PEAK OUTPUT POWER

RESULT: Pass

5.1.3 6dB BANDWIDTH AND 99% BANDWIDTH

RESULT: Pass

5.1.4 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH

RESULT: Pass

5.1.5 POWER SPECTRAL DENSITY

RESULT: Pass

5.1.6 SPURIOUS EMISSION

RESULT: Pass

5.1.7 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	9
3.4 NOISE GENERATING AND NOISE SUPPRESSING PARTS	9
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
4.5 TEST SETUP DIAGRAM	11
5. TEST RESULTS	13
5.1 TRANSMITTER REQUIREMENT & TEST SUITES	13
5.1.1 Antenna Requirement	13
5.1.2 Peak Output Power	14
5.1.3 6dB Bandwidth and 99% Bandwidth	15
5.1.4 Conducted Spurious Emissions measured in 100kHz Bandwidth	16
5.1.5 Power spectral density	33
5.1.6 Spurious Emission	34
5.1.7 Conducted emissions	123
6. PHOTOGRAPHS OF THE TEST SET-UP	126
7. LIST OF TABLES	128
8. LIST OF PHOTOGRAPHS	128

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	ESCI	101414	2018-05-19
Pre-Amplifier	LUNAR-EM	LNA30M3G-25	J10100000071	2018-05-19
Bilog Antenna	Schwarzbeck	VULB9163	660	2018-05-20
Cable	H+B	NmSm-05-C15052	N/A	2018-05-20
Cable	H+B	NmSm-2-C15201	N/A	2018-05-20
Cable	H+B	NmNm-7-C15702	N/A	2018-05-20
EMI Test Receiver	Rohde & Schwarz	FSV40	132.1-3008K39-100967-AP	2018-05-19
Pre-Amplifier	Lunar EM	LNA1G18-48	J1011131010001	2018-05-19
Horn Antenna	Schwarzbeck	BBHA 9120	1178	2018-05-20
Cable	H+B	SAC-40G-1	414	2018-05-20
Cable	H+B	SUCOFLEX104	MY14871/4	2018-05-20
Cable	H+B	BLU18A-NmSm-6500	D8501	2018-05-20
Pre-Amplifier	Lunar EM	LNA18G26-40	J1012131010001	2018-05-20
Horn Antenna	Schwarzbeck	BBHA 9170	RS1307229170547	2018-05-20
Cable	A.H	SAC-40G-1	414	2018-05-20
Cable	A.H	SAC-40G-1	413	2018-05-20
Band reject Filter(50dB)	WI/DE	WRCGV-2400(2400-2485MHz)	2	2018-05-20
Band reject Filter(60dB)	WI/DE	WRCJV-5700(5725-5825MHz)	3	2018-05-20
Radio Spectrum Test				
EMI Test Receiver	Rohde & Schwarz	ESCI	101045	2018-05-16
Vector Signal Generator	Agilent	N5182B	My53050553	2018-05-28
Analog Signal Generator	Agilent	N5171B	My53050878	2018-05-28
Signal Analyzer	Agilent	N9010A	My53470879	2018-05-28
Power Meter	Agilent	PS-X10-100	N/A	2018-05-28
Temp. / Humidity Chamber	Kingson	THS-M1	242	2018-05-28
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCI	26115-010-0027	2018-05-19
L.I.S.N.	Rohde & Schwarz	ENV216	101161	2018-05-19
50Ω Coaxial Switch	Anritsu	MP59B	6100175589	2018-05-20
Voltage Probe	Rohde & Schwarz	ESH2-Z3	100122	2018-05-20

2.3 Traceability

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

2.4 Calibration

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

2.5 Measurement Uncertainty

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.: **50094373 002**
Test Report No.

Seite 7 von 128
Page 7 of 128

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 11.6" Android tablet with Wi-Fi, Bluetooth function. All models are identical except the model number, brand or color. For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

Technical Specification	Value
Kind of Equipment	11.6" Android tablet
Type Designation	NS-P11A8100, NS-P11A8100-C, NS-P11XXXXXXXXXX (x=0-9, A-Z, a-z, - or blank, for market purpose only)
FCC ID	2AIB2-P11A8100
IC	21456-P11A8100
HVIN	NS-P11A8100-C
Operating Frequency band	2412 – 2462MHz
Extreme Temperature Range	0~+40°C
Operation Voltage	DC 3.7V (via built in battery) DC 5V (via AC/DC adapter)
Antenna Gain	2.1dBi

Table 4: Technical Specification of Wi-Fi

Item	Description			
	IEEE 802.11b	IEEE 802.11g	IEEE 802.11n (HT20)	IEEE 802.11n (HT40)
Operating Frequency band (MHz)	2412 ~ 2462	2412 ~ 2462	2412 ~ 2462	2422 ~ 2452
Channel Number	11	11	11	7
Modulation	DSSS (DBPSK, DQPSK), CCK	OFDM (DBPSK, DQPSK)	OFDM (BPSK, QPSK, 16-QAM, 64-QAM)	OFDM (BPSK, QPSK, 16-QAM, 64-QAM)
Data Rate (Mbps)	1, 2, 5, 11	6, 9, 12, 18, 24, 36, 48, 54	MCS0 ~ MCS7	MCS0 ~ MCS7
Transmitter Output Power (Typical) (dBm)	21	19	19	19
Media Access Protocol	CSMA/CA with ACK	CSMA/CA with ACK	CSMA/CA with ACK	CSMA/CA with ACK

Prüfbericht - Nr.: 50094373 002
*Test Report No.*Seite 9 von 128
Page 9 of 128**Table 5: Carrier Frequency**

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
2400 – 2483.5 MHz	1	2412 MHz	8	2447 MHz
	2	2417 MHz	9	2452 MHz
	3	2422 MHz	10	2457 MHz
	4	2427 MHz	11	2462 MHz
	5	2432 MHz		
	6	2437 MHz		
	7	2442 MHz		

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wi-Fi mode (2.4GHz)
 - 1. Transmitting
 - a. Low Channel
 - b. Middle Channel
 - c. High Channel
 - 2. 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
- 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 C63.10: 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	Dongguan Wahring Electrical Appliance CO.,Ltd.	PS01111A	Input: AC 100-240V, 50/60Hz, 0.4A Output: DC 5V, 3A

The EUT was tested with following cables:

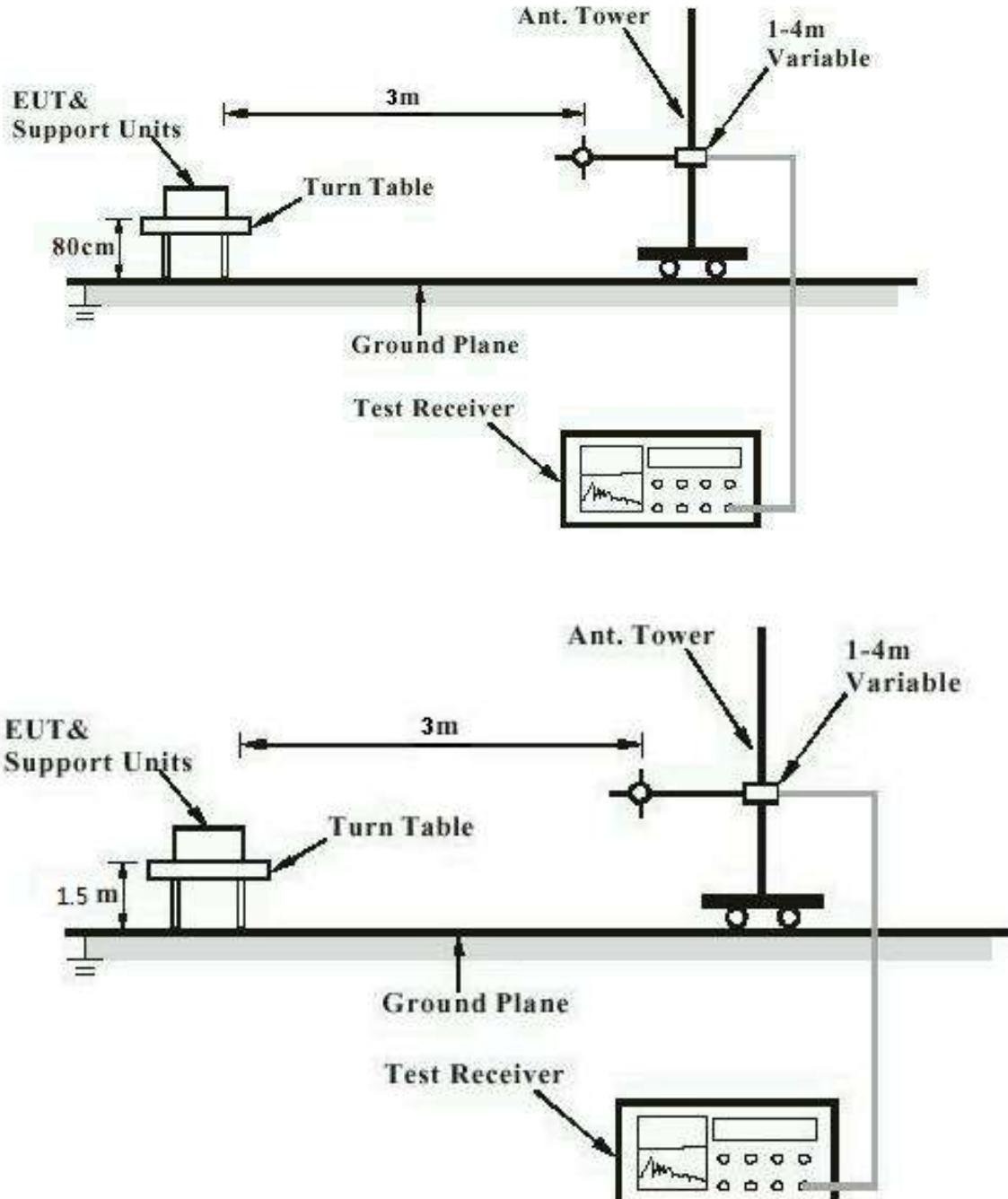
Interface(s)/Port(s):	Max. cable length, shielding	Cable classification
AC Mains of adapter	2 cores, non-shielded port, 3m	AC Power Input
DC input port (USB port)	2 cores, non-shielded port, 1m	DC Power Input

4.4 Countermeasures to Achieve ERM Compliance

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

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test



Prüfbericht - Nr.: **50094373 002**
Test Report No.

Seite 12 von 128
Page 12 of 128

Diagram of Measurement Equipment Configuration for Conduction Measurement

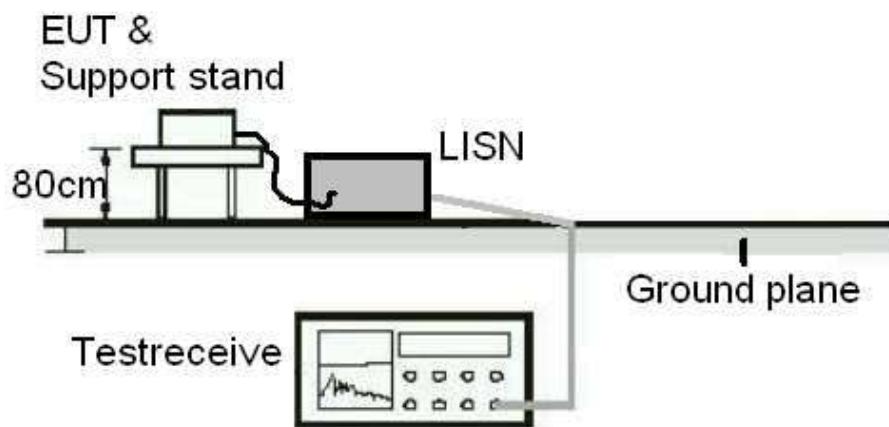
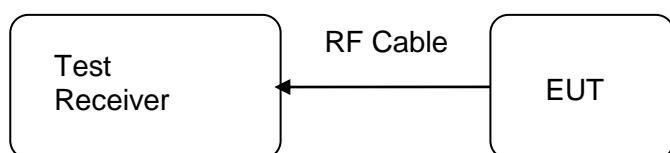


Diagram of Measurement Equipment Configuration for Transmitter Measurement



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 2.1dBi, 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.

Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 14 von 128
Page 14 of 128

5.1.2 Peak Output Power

RESULT:

Pass

Test date	:	2017-05-22
Test standard	:	FCC Part 15.247(b)(3) 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
Ambient temperature	:	24°C
Relative humidity	:	53%
Atmospheric pressure	:	101kPa

Table 6: Test result of Peak Output Power of 802.11b

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2412	20.42	30
Middle Channel	2437	20.25	30
High Channel	2462	20.68	30

Table 7: Test result of Peak Output Power of 802.11g

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2412	20.79	30
Middle Channel	2437	20.36	30
High Channel	2462	20.16	30

Table 8: Test result of Peak Output Power of 802.11n (HT20)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2412	20.88	30
Middle Channel	2437	20.42	30
High Channel	2462	20.27	30

Table 9: Test result of Peak Output Power of 802.11n (HT40)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2422	18.81	30
Middle Channel	2437	18.54	30
High Channel	2452	18.55	30

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 15 von 128
Page 15 of 128

5.1.3 6dB Bandwidth and 99% Bandwidth

RESULT:

Pass

Date of testing	:	2017-05-20 to 2017-05-26
Test standard	:	FCC Part 15.247(a)(2) RSS-247 clause 5.2(1) 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
Ambient temperature	:	24°C
Relative humidity	:	53%
Atmospheric pressure	:	101kPa

Table 10: Test result of 6dB Bandwidth and 99% Bandwidth of 802.11b

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	99% Bandwidth (MHz)
Low Channel	2412	9.580	≥0.5	14.225
Mid Channel	2437	9.141	≥0.5	14.249
High Channel	2462	9.552	≥0.5	14.300

Table 11: Test result of 6dB Bandwidth and 99% Bandwidth of 802.11g

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	99% Bandwidth (MHz)
Low Channel	2412	16.380	≥0.5	16.729
Mid Channel	2437	16.420	≥0.5	16.719
High Channel	2462	16.430	≥0.5	16.707

Table 12: Test result of 6dB Bandwidth and 99% Bandwidth of 802.11n (HT20)

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	99% Bandwidth (MHz)
Low Channel	2412	17.610	≥0.5	17.768
Mid Channel	2437	17.630	≥0.5	17.753
High Channel	2462	17.620	≥0.5	17.730

Table 13: Test result of 6dB Bandwidth and 99% Bandwidth of 802.11n (HT40)

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	99% Bandwidth (MHz)
Low Channel	2422	36.120	≥0.5	36.372
Mid Channel	2437	36.330	≥0.5	36.356
High Channel	2452	36.190	≥0.5	36.355

Prüfbericht - Nr.: 50094373 002
*Test Report No.*Seite 16 von 128
Page 16 of 128**5.1.4 Conducted Spurious Emissions measured in 100kHz Bandwidth****RESULT:**

Pass

Date of testing	:	2017-05-22
Test standard	:	FCC part 15.247(d) RSS-247 clause 5.5
Basic standard	:	ANSI C63.10: 2013 Clause 13 of KDB 558074 v03r01
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
Ambient temperature	:	24°C
Relative humidity	:	53%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 17 von 128
Page 17 of 128

Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11b Low Channel



Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 18 von 128
 Page 18 of 128

Middle Channel



Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 19 von 128
Page 19 of 128

High Channel

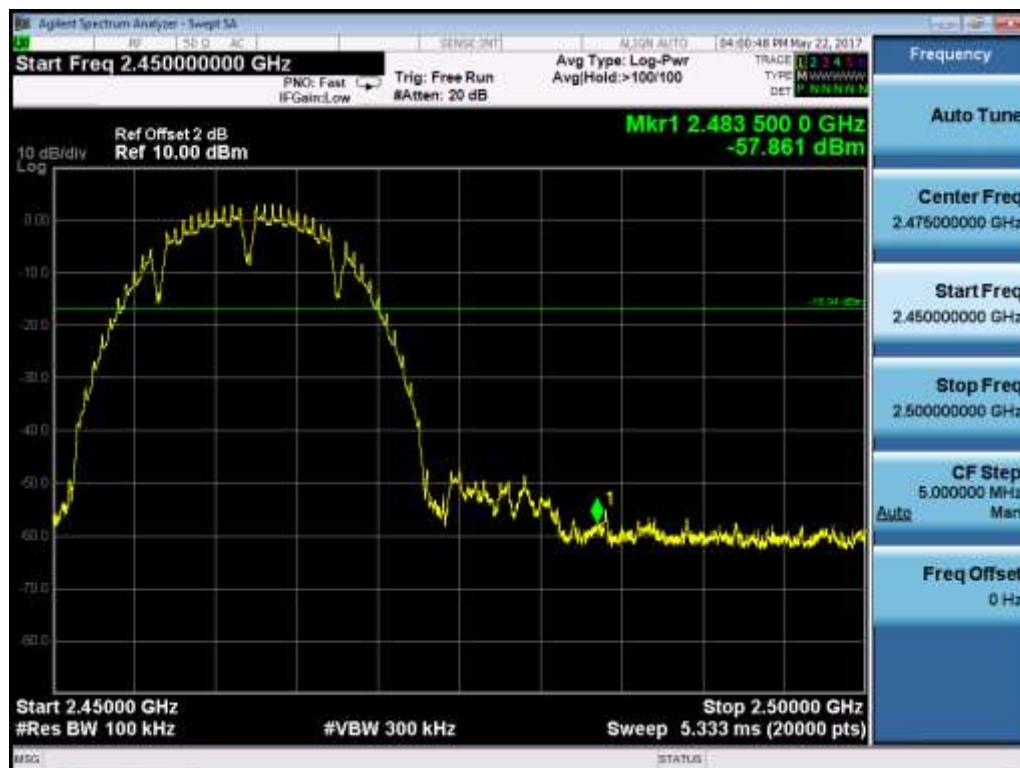


Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 20 von 128
Page 20 of 128

Band Edge



Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 21 von 128
Page 21 of 128

Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11g Low Channel



Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 22 von 128
Page 22 of 128

Middle Channel



Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 23 von 128
 Page 23 of 128

High Channel

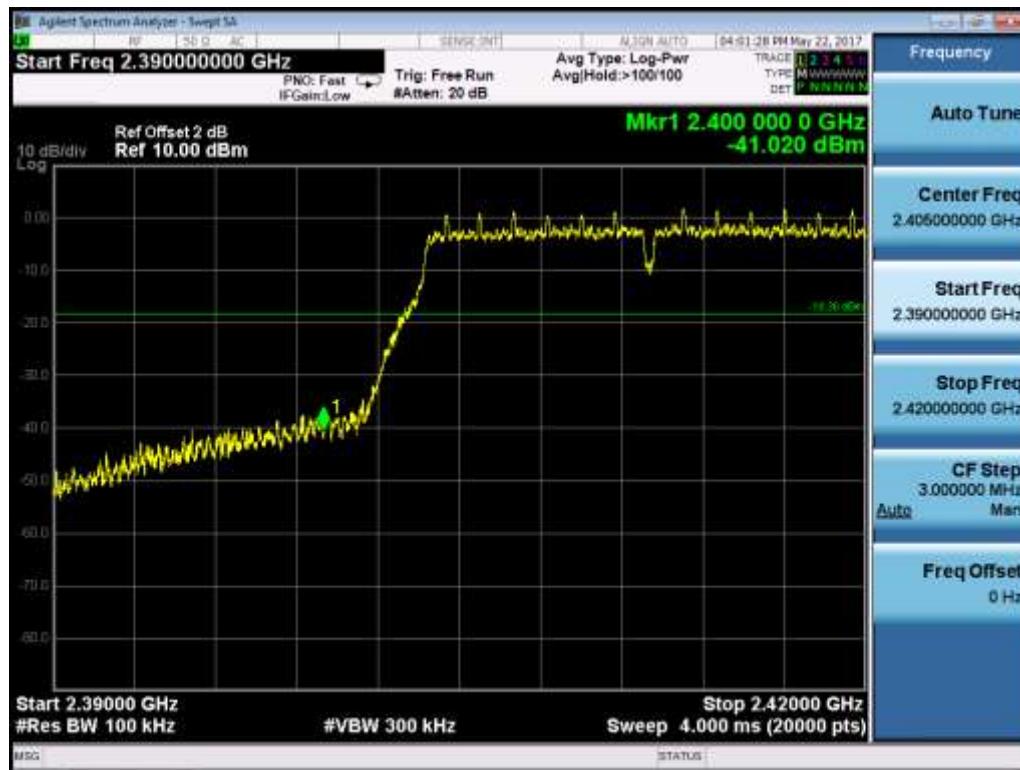


Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 24 von 128
Page 24 of 128

Band Edge



Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 25 von 128
Page 25 of 128

Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11n (HT20) Low Channel



Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 26 von 128
Page 26 of 128

Middle Channel

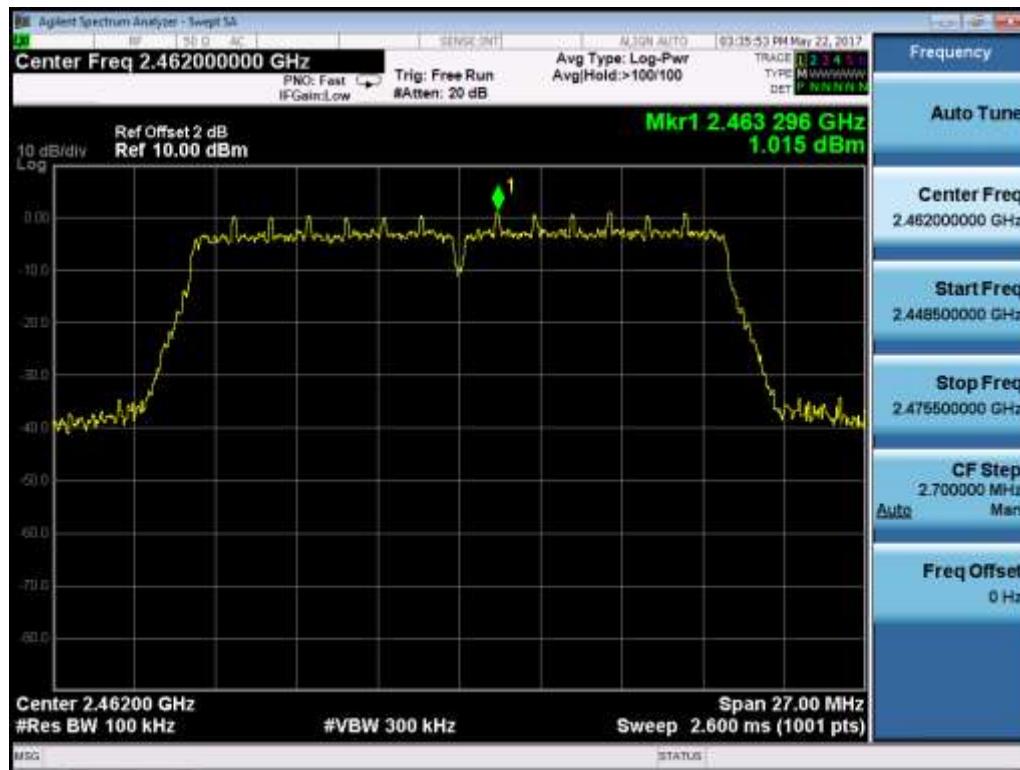


Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 27 von 128
Page 27 of 128

High Channel

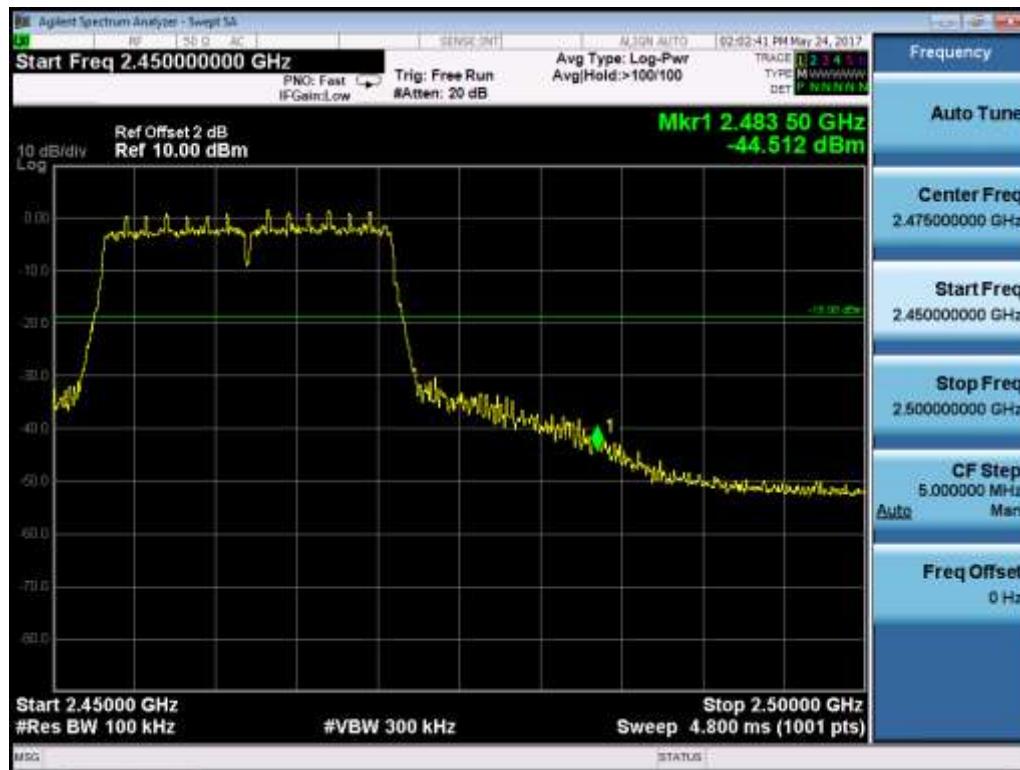
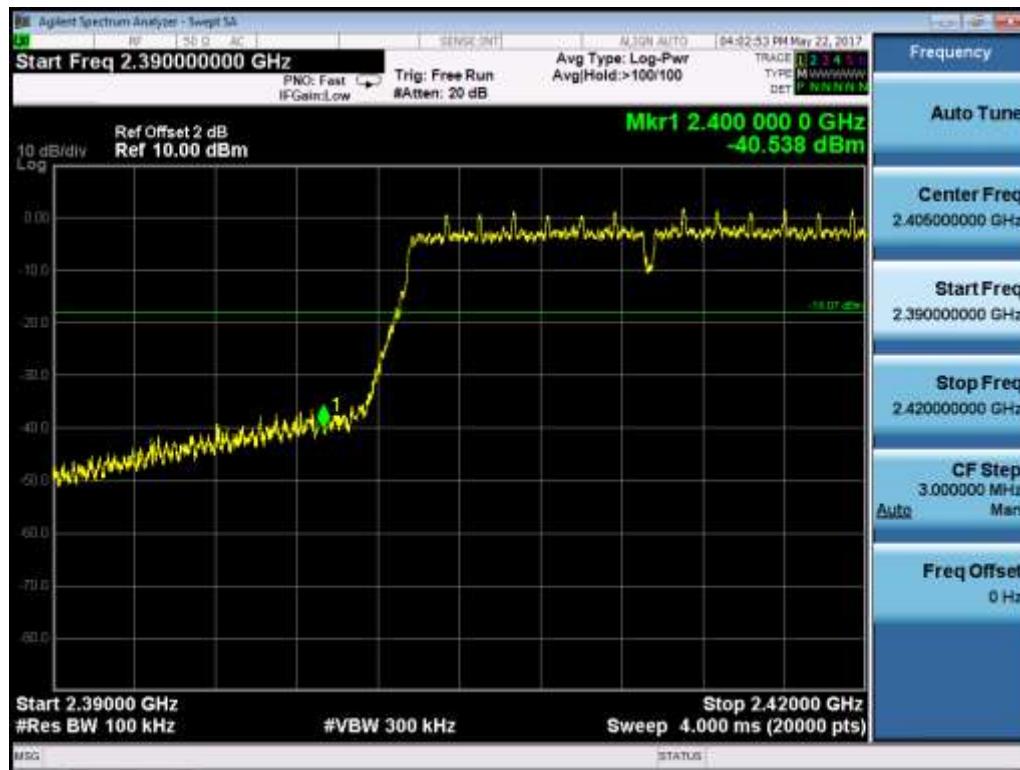


Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 28 von 128
 Page 28 of 128

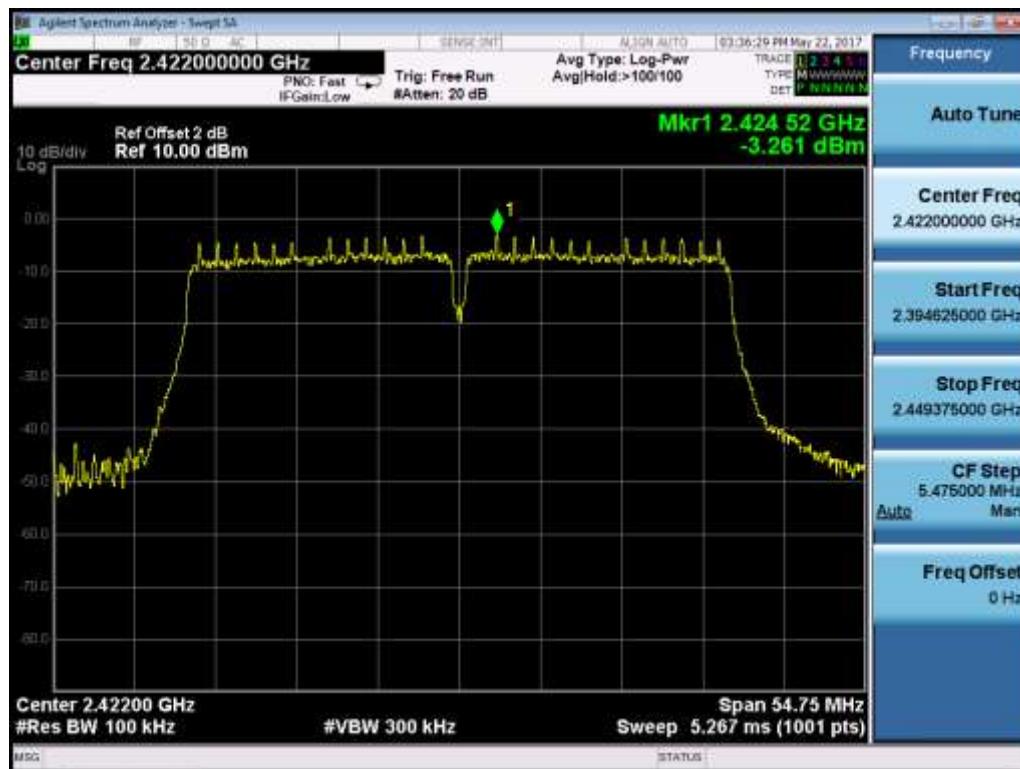
Band Edge



Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 29 von 128
Page 29 of 128

Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11n (HT40) Low Channel

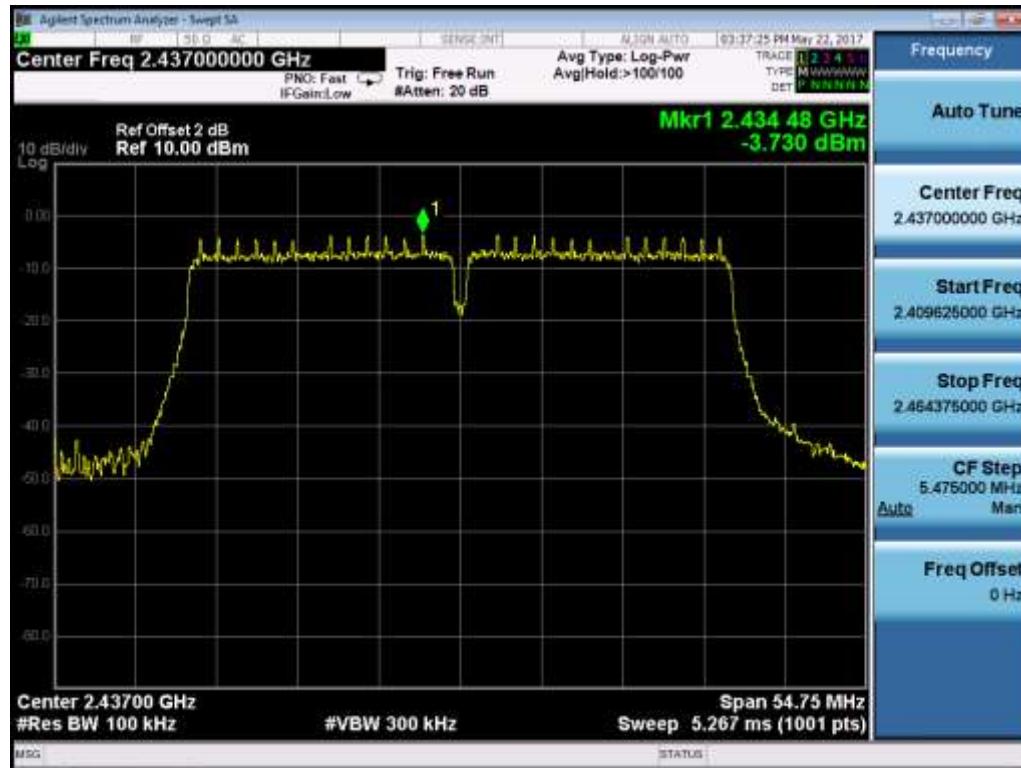


Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 30 von 128
Page 30 of 128

Middle Channel



Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 31 von 128
Page 31 of 128

High Channel

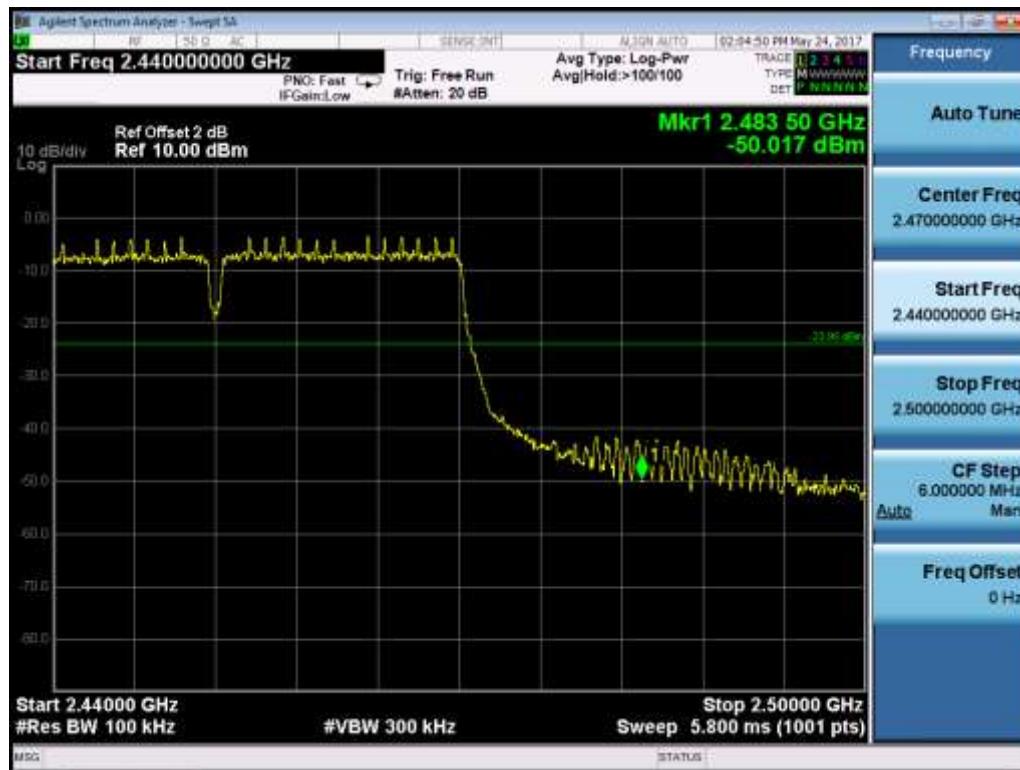
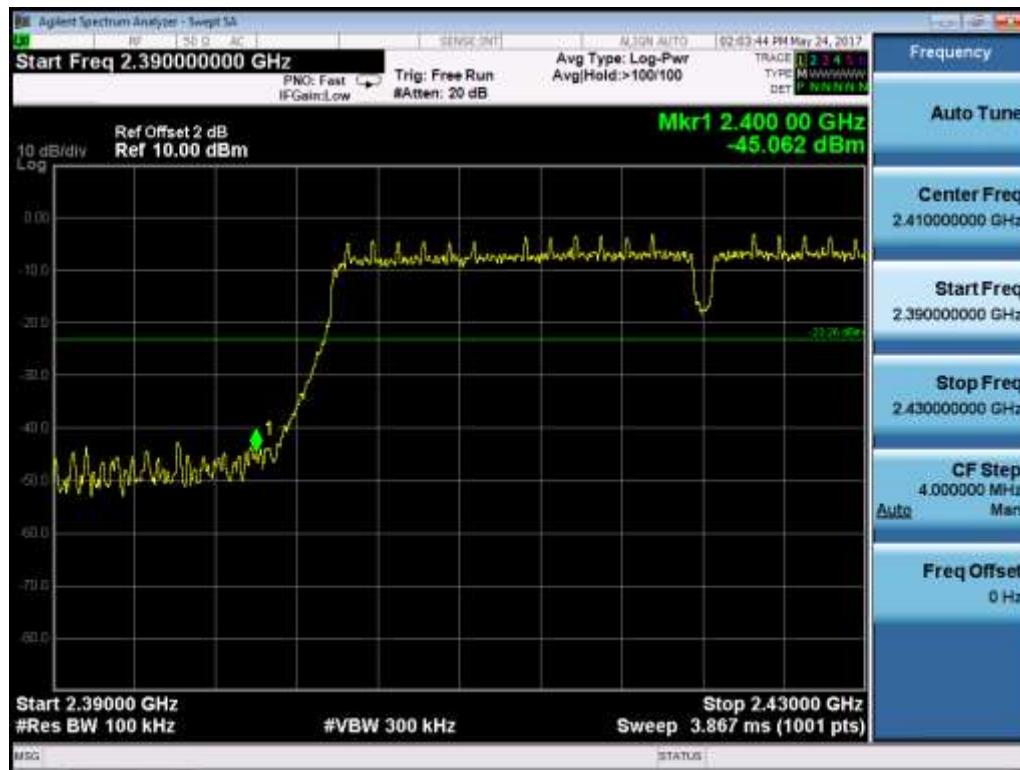


Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 32 von 128
 Page 32 of 128

Band Edge



Prüfbericht - Nr.: **50094373 002**
Test Report No.

Seite 33 von 128
Page 33 of 128

5.1.5 Power spectral density

RESULT:

Pass

Date of testing : 2017-05-22
 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.1
 Ambient temperature : 24°C
 Relative humidity : 53%
 Atmospheric pressure : 101kPa

Table 14: Test result of power spectral density:

Mode	Rate (Mbps)	Channel (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Conclusion
802.11b		2412	-10.229	8	Pass
		2437	-10.793	8	Pass
		2462	-11.105	8	Pass
802.11g		2412	-12.678	8	Pass
		2437	-12.652	8	Pass
		2462	-13.260	8	Pass
802.11n (HT20)		2412	-13.127	8	Pass
		2437	-13.342	8	Pass
		2462	-12.217	8	Pass
802.11n (HT40)		2422	-16.778	8	Pass
		2437	-18.260	8	Pass
		2452	-17.029	8	Pass

Prüfbericht - Nr.: **50094373 002**
*Test Report No.***Seite 34 von 128**
*Page 34 of 128***5.1.6 Spurious Emission****RESULT:****Pass**

Date of testing	:	2017-05-06
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
Ambient temperature	:	24°C
Relative humidity	:	53%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 35 von 128
Page 35 of 128

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



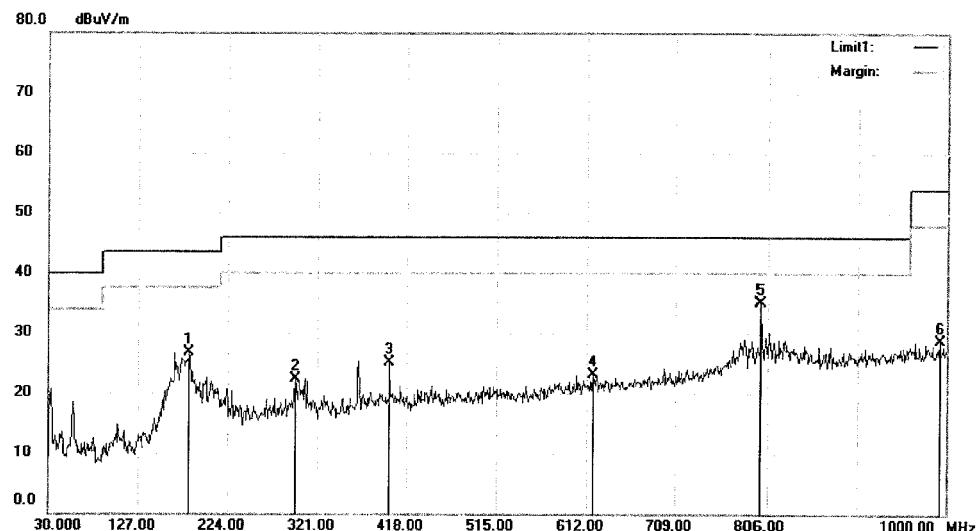
Radiated Emission Measurement

File :TUV(HUAKE)

Data #:53

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Horizontal

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11b 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		182.2900	43.57	-16.83	26.74	43.50	-16.76	QP		
2		296.7500	34.45	-12.17	22.28	46.00	-23.72	QP		
3		399.5700	34.38	-9.26	25.12	46.00	-20.88	QP		
4		618.7900	28.05	-4.85	23.20	46.00	-22.80	QP		
5	*	799.2100	37.10	-2.03	35.07	46.00	-10.93	QP		
6		992.2400	28.67	0.07	28.74	54.00	-25.26	QP		

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

Operator: KK

File :TUV(HUAKE)\Data .#53

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 36 von 128
Page 36 of 128

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



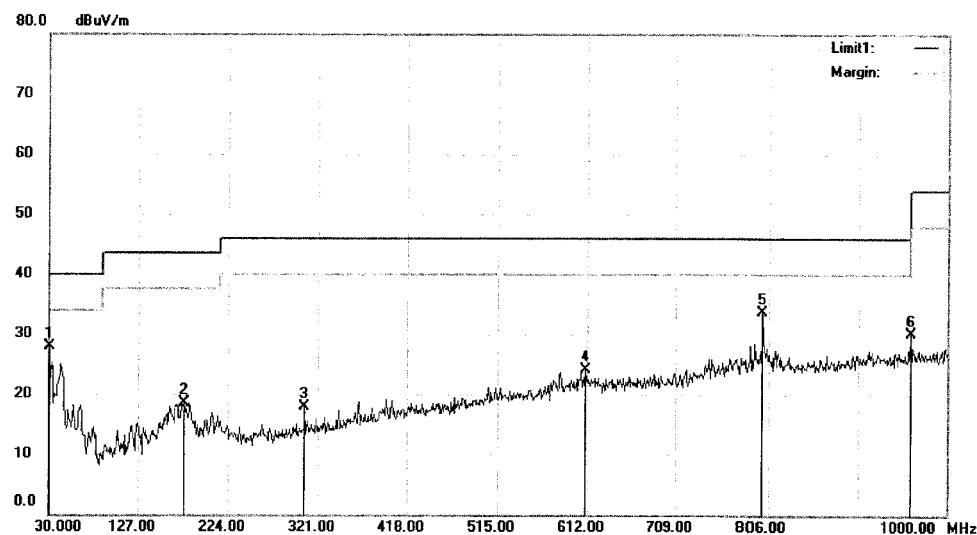
Radiated Emission Measurement

File :TUV(HUAKE)

Data :#54

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11b 2412

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					Comment
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	
1	*	30.0000	44.17	-16.30	27.87	40.00	-12.13	QP		
2		176.4700	35.87	-17.34	18.53	43.50	-24.97	QP		
3		306.4500	29.86	-11.99	17.87	46.00	-28.13	QP		
4		610.0600	29.02	-4.94	24.08	46.00	-21.92	QP		
5		799.2100	35.77	-2.03	33.74	46.00	-12.26	QP		
6		960.2300	30.48	-0.29	30.19	54.00	-23.81	QP		

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

Operator: KK

File :TUV(HUAKE)\Data :#54

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 37 von 128
Page 37 of 128

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



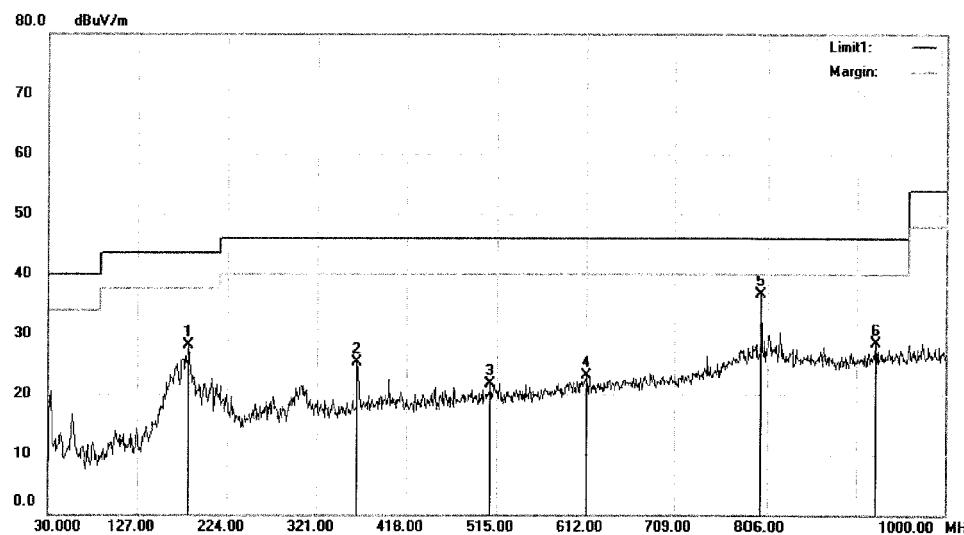
Radiated Emission Measurement

File :TUV(HUAKE)

Data #:55

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11b 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		182.2900	45.03	-16.83	28.20	43.50	-15.30	QP		
2		364.6500	35.67	-10.29	25.38	46.00	-20.62	QP		
3		508.2100	29.01	-7.32	21.69	46.00	-24.31	QP		
4		612.9700	28.12	-4.92	23.20	46.00	-22.80	QP		
5	*	799.2100	38.70	-2.03	36.67	46.00	-9.33	QP		
6		924.3400	29.22	-0.69	28.53	46.00	-17.47	QP		

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

Operator: KK

File :TUV(HUAKE)\Data .#55

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 38 von 128
Page 38 of 128

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



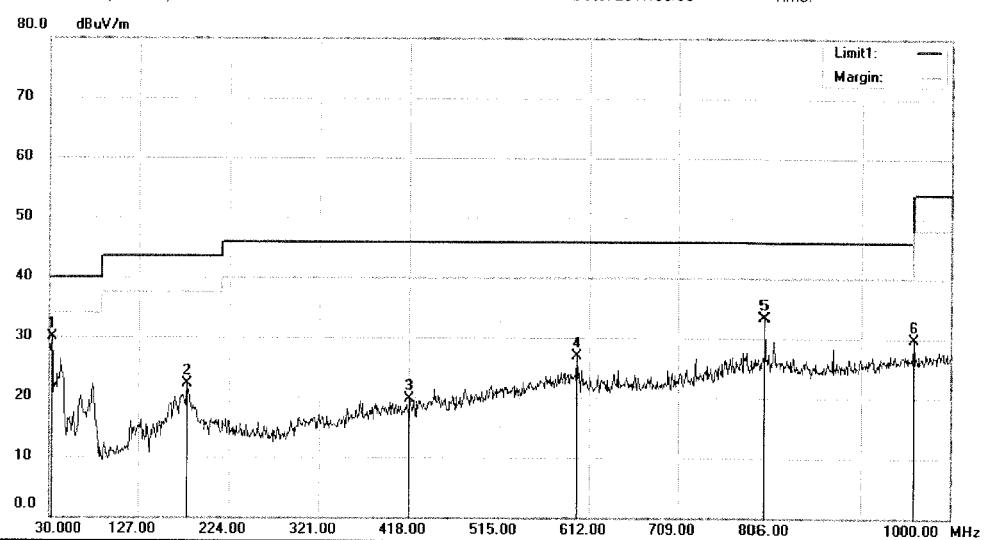
Radiated Emission Measurement

File : TUV(HUAKE)

Data #: 44

Date: 2017/05/06

Time:



Site 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: GFSK(2441MHz)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	
1	*	32.9100	45.90	-16.04	29.86	40.00	-10.14	QP		
2		179.3800	38.98	-16.92	22.06	43.50	-21.44	QP		
3		418.9700	28.66	-9.04	19.62	46.00	-26.38	QP		
4		598.4200	32.09	-5.09	27.00	46.00	-19.00	QP		
5		799.2100	35.37	-2.03	33.34	46.00	-12.66	QP		
6		960.2300	30.04	-0.29	29.75	54.00	-24.25	QP		

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

Operator: KK

File : TUV(HUAKE)\Data :\#44

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 39 von 128
Page 39 of 128

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



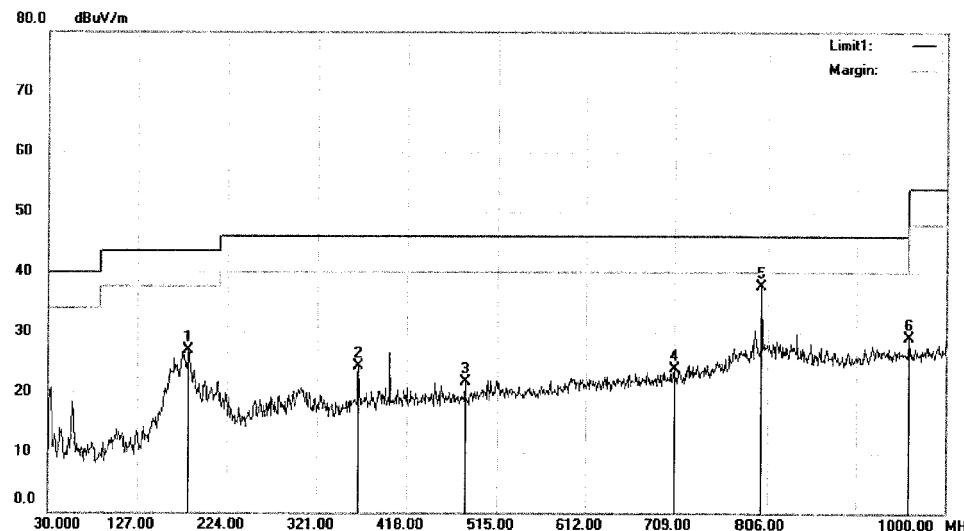
Radiated Emission Measurement

File : TUV(HUAKE)

Data #: 57

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Horizontal

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11b 2462

Note:

No.	Mk.	Freq. MHz	Reading	Correct	Measure-	Limit Over	Antenna Height cm	Table Degree	Comment
			Level dBuV	Factor dB	ment dBuV/m				
1		182.2900	43.64	-16.83	26.81	43.50 -16.69	QP		
2		365.6200	34.65	-10.28	24.37	46.00 -21.63	QP		
3		480.0800	29.46	-7.75	21.71	46.00 -24.29	QP		
4		709.0000	27.64	-3.81	23.83	46.00 -22.17	QP		
5 *		799.2100	39.78	-2.03	37.75	46.00 -8.25	QP		
6		960.2300	29.34	-0.29	29.05	54.00 -24.95	QP		

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

Operator: KK

File : TUV(HUAKE)\Data #: 57

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 40 von 128
Page 40 of 128

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



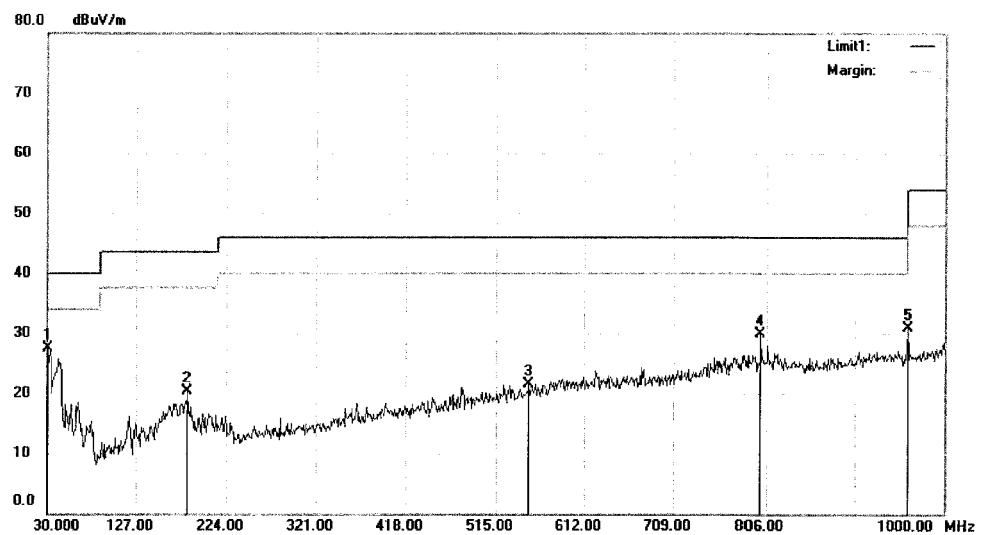
Radiated Emission Measurement

File :TUV(HUAKE)

Data .#58

Date: 2017/05/06

Time:



Site 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11b 2462

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	*	30.9700	43.77	-16.26	27.51	40.00	-12.49	QP			
2		182.2900	37.04	-16.83	20.21	43.50	-23.29	QP			
3		550.8900	27.70	-6.26	21.44	46.00	-24.56	QP			
4		799.2100	31.84	-2.03	29.81	46.00	-16.19	QP			
5		960.2300	31.13	-0.29	30.84	54.00	-23.16	QP			

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

Operator: KK

File :TUV(HUAKE)\Data .#58

Page: 1

Prüfbericht - Nr.: 50094373 002

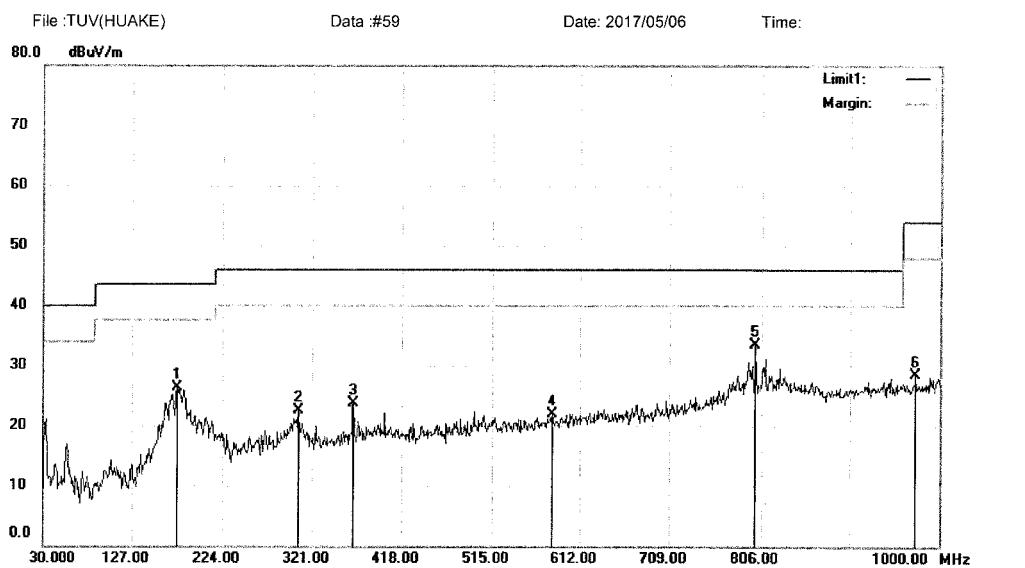
Test Report No.

Seite 41 von 128
Page 41 of 128

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



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		175.5000	43.86	-17.48	26.38	43.50	-17.12	QP		
2		306.4500	34.55	-11.99	22.56	46.00	-23.44	QP		
3		365.6200	33.92	-10.28	23.64	46.00	-22.36	QP		
4		581.9300	27.33	-5.50	21.83	46.00	-24.17	QP		
5 *		799.2100	35.56	-2.03	33.53	46.00	-12.47	QP		
6		973.8100	28.69	-0.14	28.55	54.00	-25.45	QP		

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

Operator: KK

File : TUV(HUAKE)\Data #: 59

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 42 von 128
Page 42 of 128

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



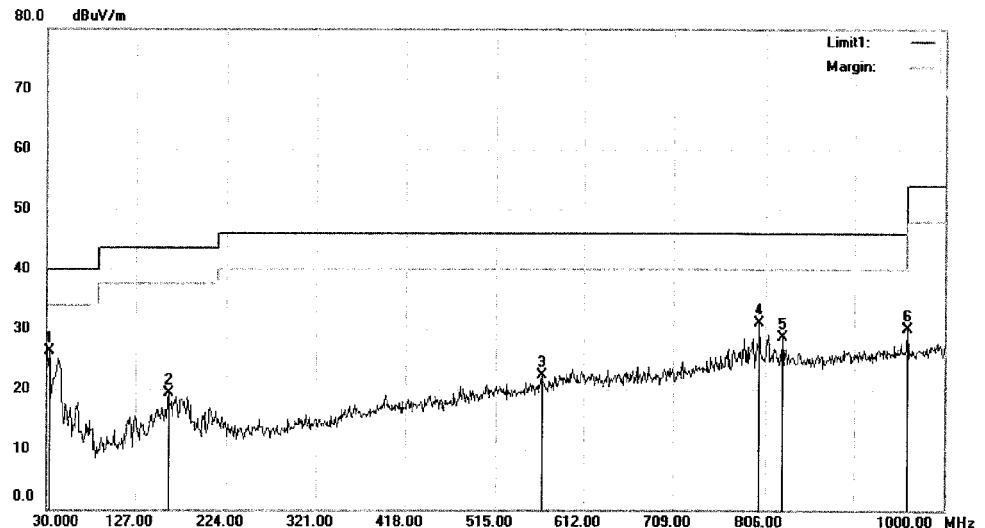
Radiated Emission Measurement

File :TUV(HUAKE)

Data .#60

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11g 2412

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					Comment
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	
1	*	32.9100	42.28	-16.04	26.24	40.00	-13.76	QP		
2		161.9200	37.64	-18.34	19.30	43.50	-24.20	QP		
3		565.4400	28.19	-5.90	22.29	46.00	-23.71	QP		
4		799.2100	33.08	-2.03	31.05	46.00	-14.95	QP		
5		824.4300	30.48	-1.76	28.72	46.00	-17.28	QP		
6		960.2300	30.42	-0.29	30.13	54.00	-23.87	QP		

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

Operator: KK

File :TUV(HUAKE)\Data .#60

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 43 von 128
Page 43 of 128

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



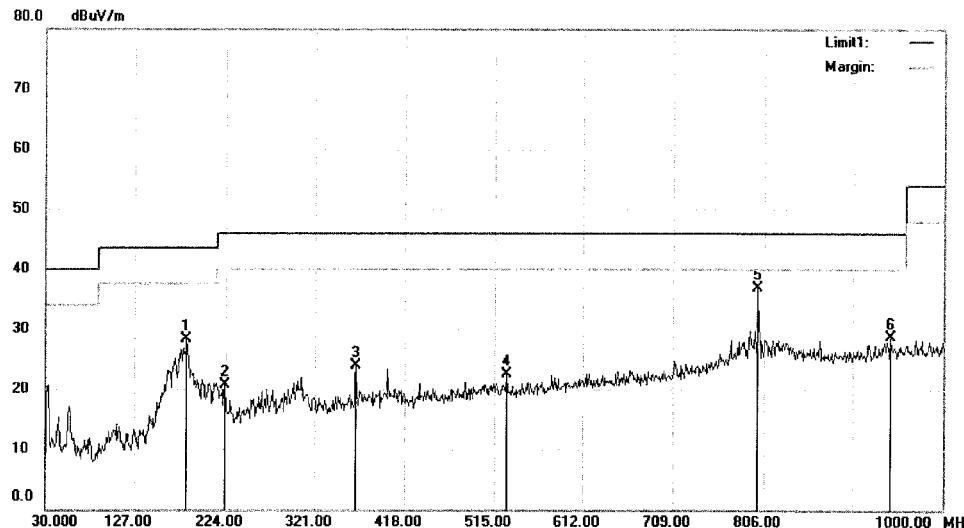
Radiated Emission Measurement

File : TUV(HUAKE)

Data #: 61

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Horizontal

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11g 2437

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
			Level	Factor	ment						
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		182.2900	45.11	-16.83	28.28	43.50	-15.22	QP			
2		223.0300	35.16	-14.46	20.70	46.00	-25.30	QP			
3		365.6200	34.24	-10.28	23.96	46.00	-22.04	QP			
4		528.5800	29.29	-6.82	22.47	46.00	-23.53	QP			
5 *		799.2100	39.03	-2.03	37.00	46.00	-9.00	QP			
6		943.7400	29.11	-0.47	28.64	46.00	-17.36	QP			

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

Operator: KK

File : TUV(HUAKE)\Data #: 61

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 44 von 128
Page 44 of 128

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



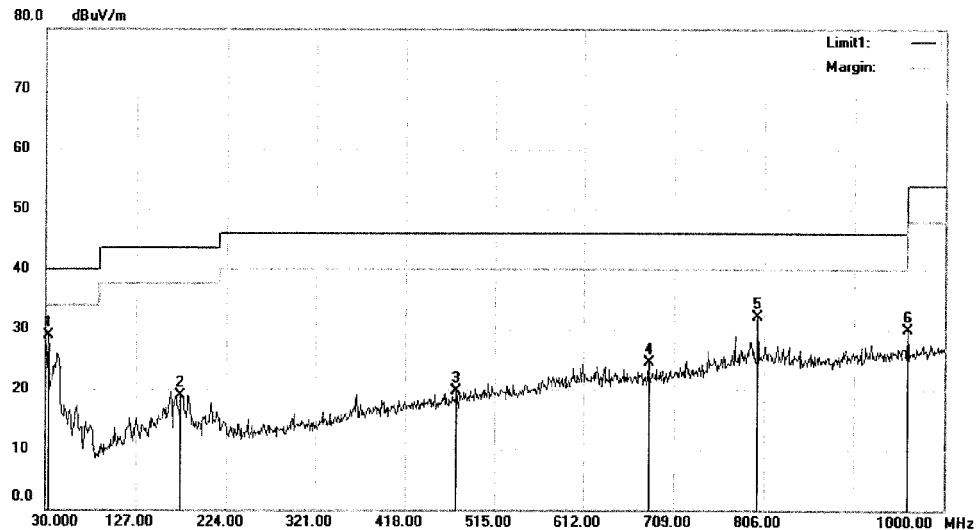
Radiated Emission Measurement

File :TUV(HUAKE)

Data #:62

Date: 2017/05/06

Time:



Site 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11g 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	32.9100	45.02	-16.04	28.98	40.00	-11.02	QP		
2		174.5300	36.57	-17.63	18.94	43.50	-24.56	QP		
3		473.2900	27.68	-8.02	19.66	46.00	-26.34	QP		
4		681.8400	28.64	-4.18	24.46	46.00	-21.54	QP		
5		799.2100	34.08	-2.03	32.05	46.00	-13.95	QP		
6		960.2300	30.11	-0.29	29.82	54.00	-24.18	QP		

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

Operator: KK

File :TUV(HUAKE)\Data .#62

Page: 1

Prüfbericht - Nr.: 50094373 002

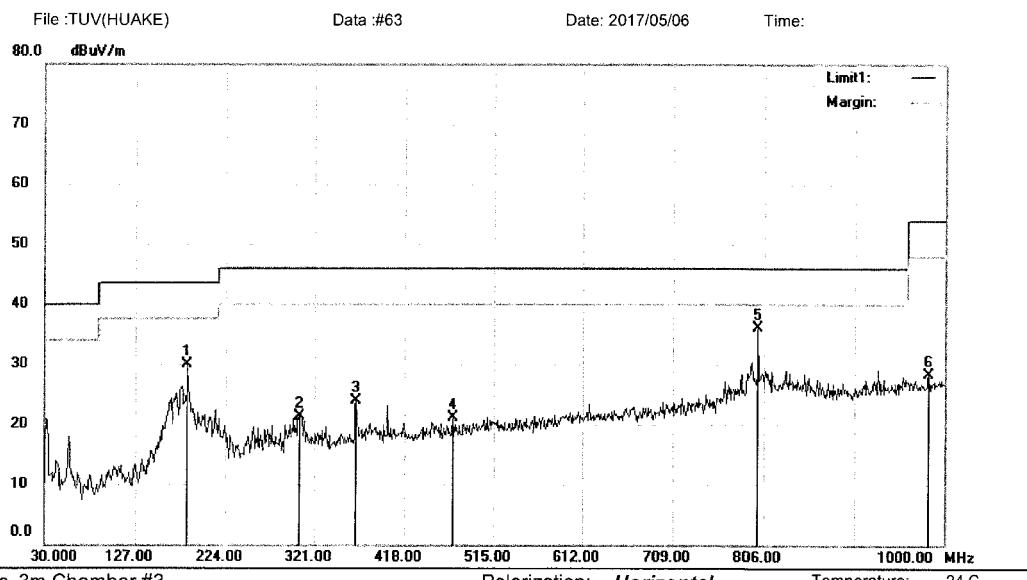
Test Report No.

Seite 45 von 128
Page 45 of 128

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: Tablet PC

M/N: NS-P11A8100

Mode:11g 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		182.2900	46.64	-16.83	29.81	43.50	-13.69	QP		
2		304.5100	33.36	-11.99	21.37	46.00	-24.63	QP		
3		365.6200	34.26	-10.28	23.98	46.00	-22.02	QP		
4		470.3800	29.35	-8.15	21.20	46.00	-24.80	QP		
5 *		799.2100	38.18	-2.03	36.15	46.00	-9.85	QP		
6		982.5400	28.41	-0.05	28.36	54.00	-25.64	QP		

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

Operator: KK

File :TUV(HUAKE)\Data .#63

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 46 von 128
Page 46 of 128

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



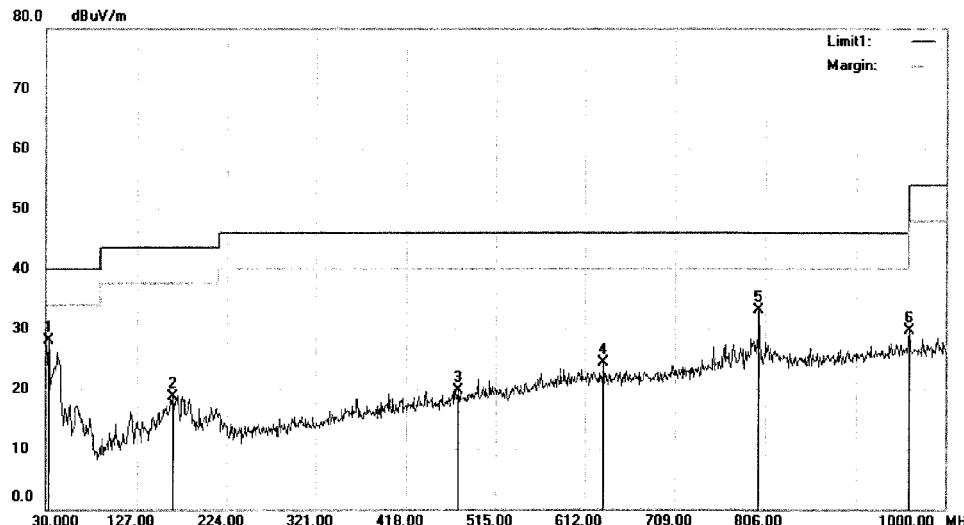
Radiated Emission Measurement

File :TUV(HUAKE)

Data #:64

Date: 2017/05/06

Time:



Site 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11g 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	
1	*	32.9100	44.17	-16.04	28.13	40.00	-11.87	QP			
2		164.8300	36.99	-18.32	18.67	43.50	-24.83	QP			
3		474.2600	27.75	-7.98	19.77	46.00	-26.23	QP			
4		632.3700	29.04	-4.71	24.33	46.00	-21.67	QP			
5		799.2100	35.22	-2.03	33.19	46.00	-12.81	QP			
6		960.2300	29.98	-0.29	29.69	54.00	-24.31	QP			

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

Operator: KK

File :TUV(HUAKE)\Data #:64

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 47 von 128
Page 47 of 128

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



Access to the World

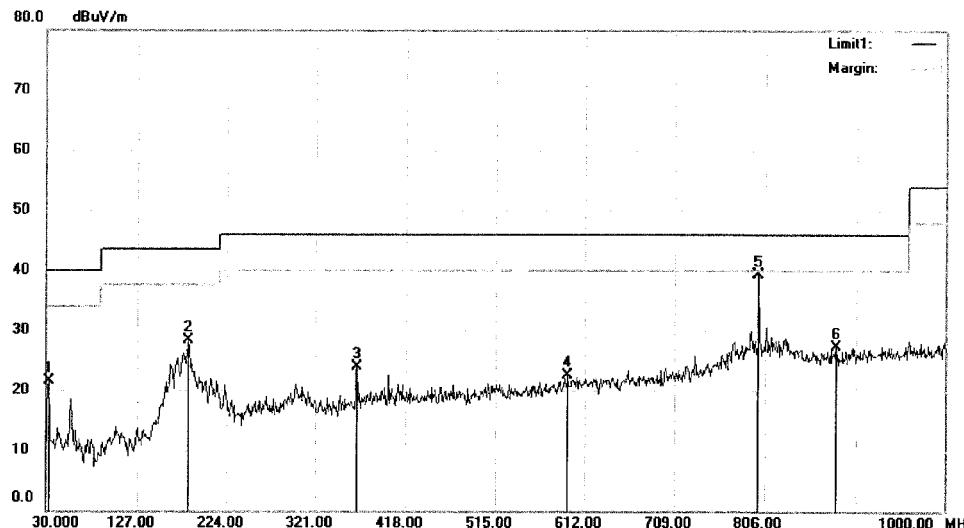
Radiated Emission Measurement

File :TUV(HUAKE)

Data #:69

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Horizontal

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT20 2412

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
			Level	Factor	ment						
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		32.9100	37.50	-16.04	21.46	40.00	-18.54	QP			
2		182.2900	45.08	-16.83	28.25	43.50	-15.25	QP			
3		365.6200	34.17	-10.28	23.89	46.00	-22.11	QP			
4		593.5700	27.80	-5.21	22.59	46.00	-23.41	QP			
5 *		799.2100	41.35	-2.03	39.32	46.00	-6.68	QP			
6		881.6600	28.55	-1.16	27.39	46.00	-18.61	QP			

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

Operator: KK

File :TUV(HUAKE)\Data #:69

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 48 von 128
Page 48 of 128

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



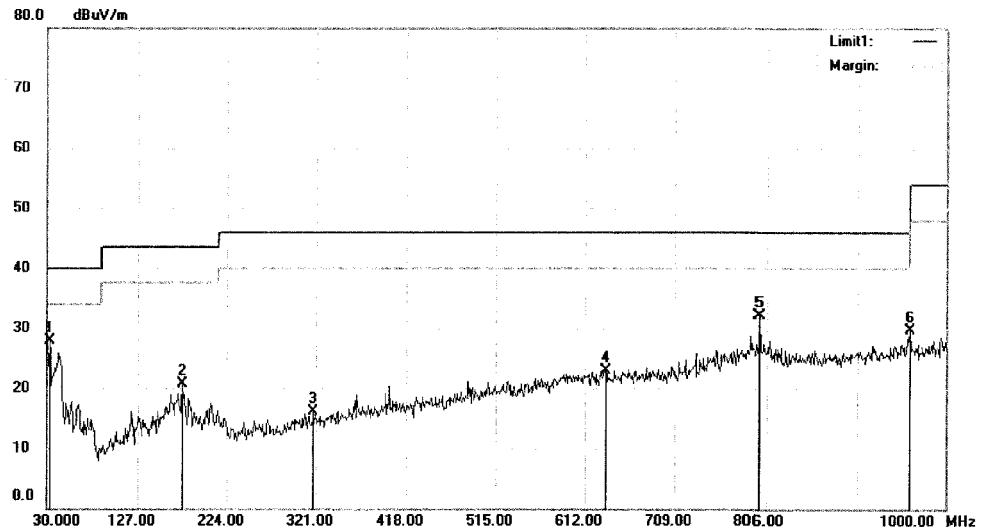
Radiated Emission Measurement

File :TUV(HUAKE)

Data .#70

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT20 2412

Note:

No.	Mk.	Reading Freq. MHz	Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Detector	Table Height cm	Table Degree	Comment
1	*	32.9100	44.00	-16.04	27.96	40.00	-12.04	QP			
2		175.5000	38.19	-17.48	20.71	43.50	-22.79	QP			
3		318.0900	28.01	-11.96	16.05	46.00	-29.95	QP			
4		634.3100	27.67	-4.69	22.98	46.00	-23.02	QP			
5		799.2100	34.05	-2.03	32.02	46.00	-13.98	QP			
6		960.2300	29.95	-0.29	29.66	54.00	-24.34	QP			

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

Operator: KK

File :TUV(HUAKE)\Data .#70

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 49 von 128
Page 49 of 128

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



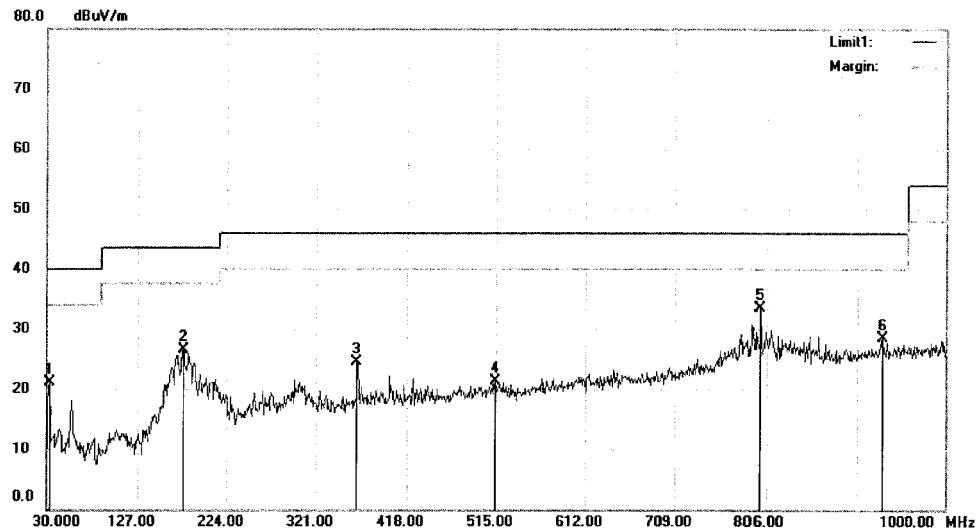
Radiated Emission Measurement

File :TUV(HUAKE)

Data #67

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: *Horizontal*

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT20 2437

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
			Level	Factor	ment						
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		32.9100	37.10	-16.04	21.06	40.00	-18.94	QP			
2		176.4700	43.82	-17.34	26.48	43.50	-17.02	QP			
3		364.6500	34.76	-10.29	24.47	46.00	-21.53	QP			
4		514.0300	28.41	-7.18	21.23	46.00	-24.77	QP			
5 *		799.2100	35.61	-2.03	33.58	46.00	-12.42	QP			
6		931.1300	29.11	-0.61	28.50	46.00	-17.50	QP			

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

Operator: KK

File :TUV(HUAKE)\Data #67

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 50 von 128
 Page 50 of 128

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



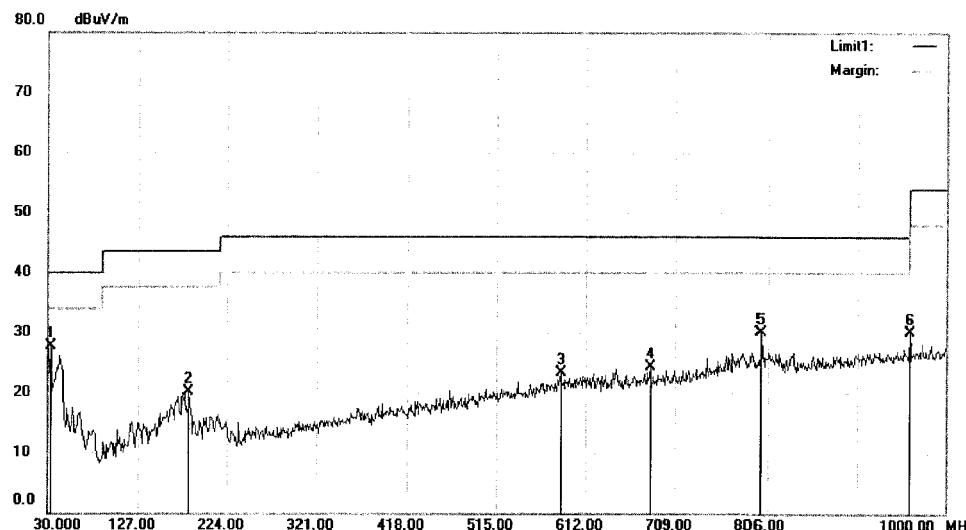
Radiated Emission Measurement

File : TUV(HUAKE)

Data #: 68

Date: 2017/05/06

Time:



Site 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT20 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	32.9100	43.82	-16.04	27.78	40.00	-12.22	QP		
2		182.2900	36.85	-16.83	20.02	43.50	-23.48	QP		
3		584.8400	28.79	-5.43	23.36	46.00	-22.64	QP		
4		681.8400	28.42	-4.18	24.24	46.00	-21.76	QP		
5		799.2100	32.18	-2.03	30.15	46.00	-15.85	QP		
6		960.2300	30.33	-0.29	30.04	54.00	-23.96	QP		

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

Operator: KK

File : TUV(HUAKE)\Data #: 68

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 51 von 128
Page 51 of 128

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



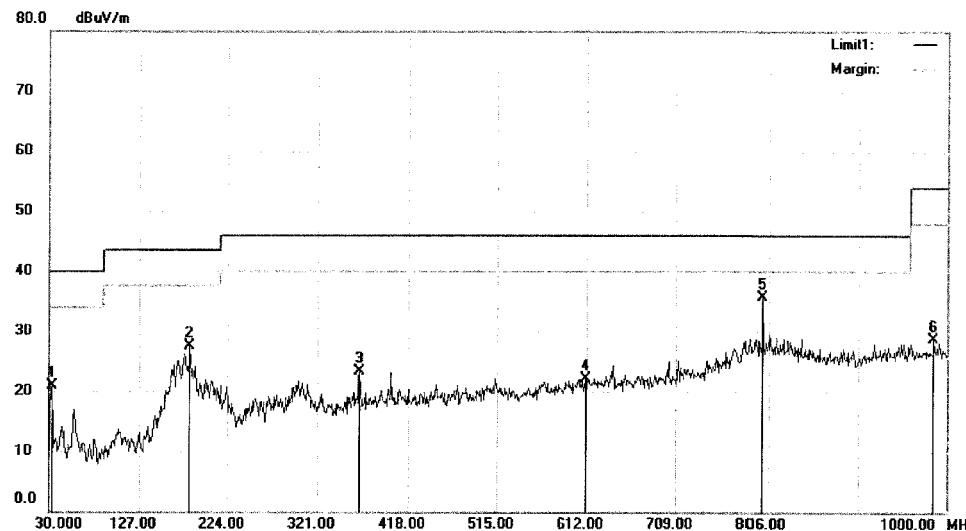
Radiated Emission Measurement

File :TUV(HUAKE)

Data .#65

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT20 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		32.9100	36.93	-16.04	20.89	40.00	-19.11	QP		
2		182.2900	44.27	-16.83	27.44	43.50	-16.06	QP		
3		365.6200	33.60	-10.28	23.32	46.00	-22.68	QP		
4		611.0300	27.00	-4.92	22.08	46.00	-23.92	QP		
5 *		799.2100	37.66	-2.03	35.63	46.00	-10.37	QP		
6		985.4500	28.68	-0.01	28.67	54.00	-25.33	QP		

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

Operator: KK

File :TUV(HUAKE)\Data .#65

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 52 von 128
Page 52 of 128

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



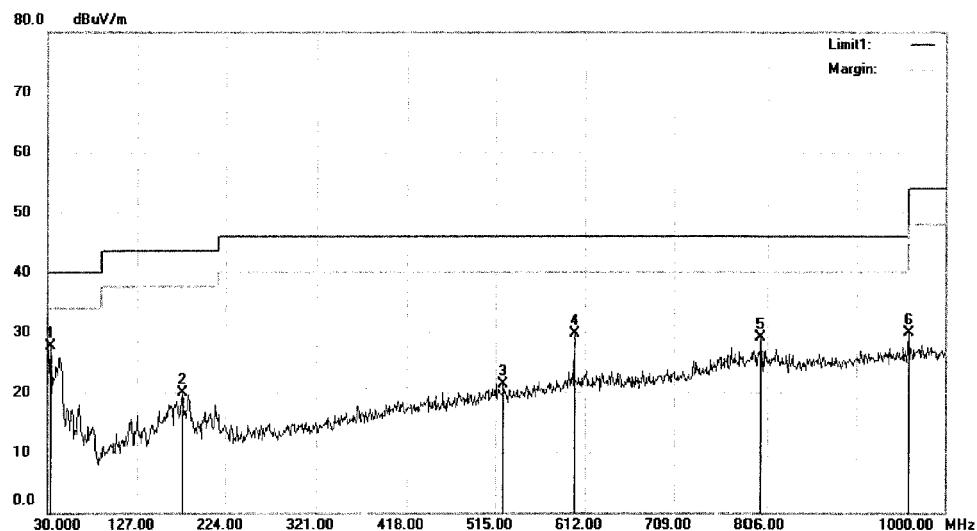
Radiated Emission Measurement

File : TUV(HUAKE)

Data #: 66

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT20 2462

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	*	32.9100	43.67	-16.04	27.63	40.00	-12.37	QP			
2		176.4700	37.34	-17.34	20.00	43.50	-23.50	QP			
3		523.7300	28.22	-6.93	21.29	46.00	-24.71	QP			
4		600.3600	34.66	-5.05	29.61	46.00	-16.39	QP			
5		799.2100	31.15	-2.03	29.12	46.00	-16.88	QP			
6		960.2300	30.28	-0.29	29.99	54.00	-24.01	QP			

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

Operator: KK

File : TUV(HUAKE)\Data #: 66

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 53 von 128
Page 53 of 128

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



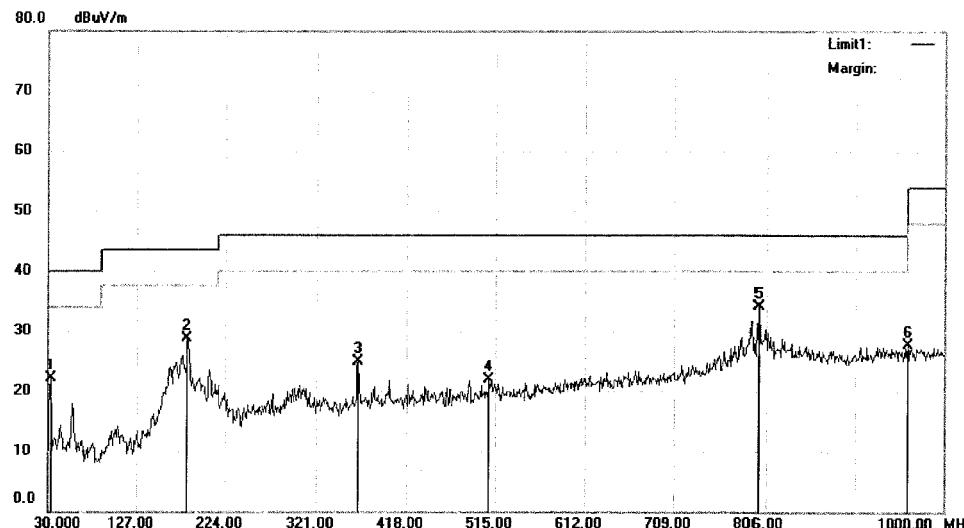
Radiated Emission Measurement

File : TUV(HUAKE)

Data #: 71

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Limit: (RE)FCC PART 15 C

Polarization: Horizontal

Temperature: 24 C

EUT: Tablet PC

Power: AC 120V/60Hz

Humidity: 53 %

M/N: NS-P11A8100

Mode: 11nHT40 2422

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	
1		32.9100	38.05	-16.04	22.01	40.00	-17.99	QP		
2		182.2900	45.45	-16.83	28.62	43.50	-14.88	QP		
3		365.6200	35.11	-10.28	24.83	46.00	-21.17	QP		
4		508.2100	29.22	-7.32	21.90	46.00	-24.10	QP		
5 *		799.2100	36.10	-2.03	34.07	46.00	-11.93	QP		
6		960.2300	28.07	-0.29	27.78	54.00	-26.22	QP		

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

Operator: KK

File : TUV(HUAKE)\Data .#71

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 54 von 128
Page 54 of 128

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



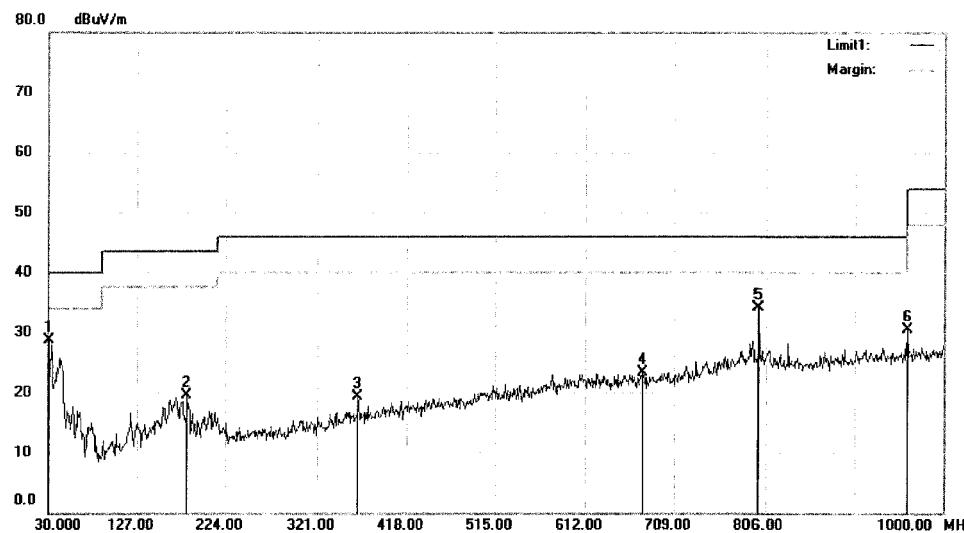
Radiated Emission Measurement

File : TUV(HUAKE)

Data #72

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT40 2422

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1	*	30.9700	44.97	-16.26	28.71	40.00	-11.29	QP		
2		182.2900	36.35	-16.83	19.52	43.50	-23.98	QP		
3		364.6500	29.61	-10.29	19.32	46.00	-26.68	QP		
4		675.0500	27.46	-4.25	23.21	46.00	-22.79	QP		
5		799.2100	36.11	-2.03	34.08	46.00	-11.92	QP		
6		960.2300	30.84	-0.29	30.55	54.00	-23.45	QP		

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

Operator: KK

File : TUV(HUAKE)\Data #72

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 55 von 128
Page 55 of 128

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



Access to the World

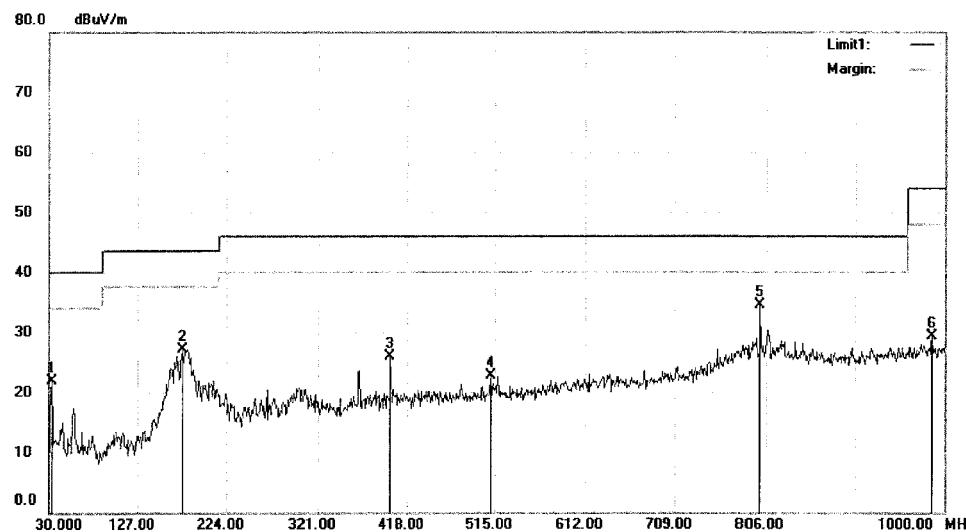
Radiated Emission Measurement

File :TUV(HUAKE)

Data #73

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Horizontal

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT40 2437

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	
								Detector	Comment	degree	
1		32.9100	37.92	-16.04	21.88	40.00	-18.12	QP			
2		176.4700	44.48	-17.34	27.14	43.50	-16.36	QP			
3		399.5700	35.25	-9.26	25.99	46.00	-20.01	QP			
4		510.1500	30.07	-7.28	22.79	46.00	-23.21	QP			
5 *		799.2100	36.45	-2.03	34.42	46.00	-11.58	QP			
6		986.4200	29.33	-0.01	29.32	54.00	-24.68	QP			

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

Operator: KK

File :TUV(HUAKE)\Data #73

Page: 1

Prüfbericht - Nr.: 50094373 002
Test Report No.
Seite 56 von 128
Page 56 of 128

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

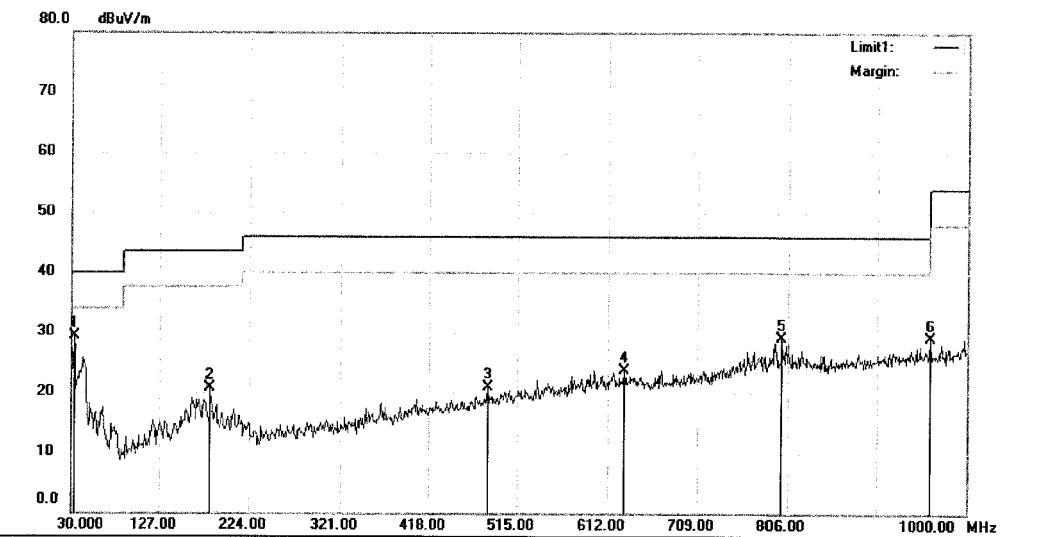

Radiated Emission Measurement

File :TUV(HUAKE)

Data #:74

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT40 2437

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	*	32.9100	45.40	-16.04	29.36	40.00	-10.64	QP		
2		182.2900	37.53	-16.83	20.70	43.50	-22.80	QP		
3		482.9900	28.57	-7.72	20.85	46.00	-25.15	QP		
4		629.4600	28.42	-4.74	23.68	46.00	-22.32	QP		
5		799.2100	31.13	-2.03	29.10	46.00	-16.90	QP		
6		960.2300	29.34	-0.29	29.05	54.00	-24.95	QP		

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

Operator: KK

File :TUV(HUAKE)\Data :\#74

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 57 von 128
Page 57 of 128

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



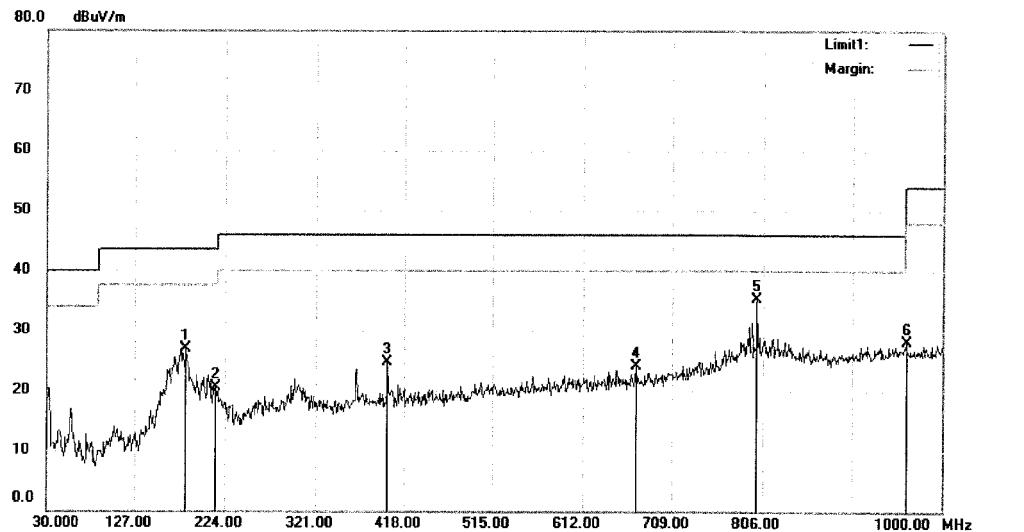
Radiated Emission Measurement

File :TUV(HUAKE)

Data #:75

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Horizontal

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT40 2452

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB	Over Detector	Antenna Height cm	Table Degree	Comment
1		182.2900	43.68	-16.83	26.85	43.50	-16.65	QP		
2		214.3000	35.54	-15.01	20.53	43.50	-22.97	QP		
3		399.5700	33.96	-9.26	24.70	46.00	-21.30	QP		
4		669.2300	28.40	-4.32	24.08	46.00	-21.92	QP		
5 *		799.2100	37.27	-2.03	35.24	46.00	-10.76	QP		
6		961.2000	28.39	-0.28	28.11	54.00	-25.89	QP		

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

Operator: KK

File :TUV(HUAKE)\Data .#75

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 58 von 128
Page 58 of 128

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



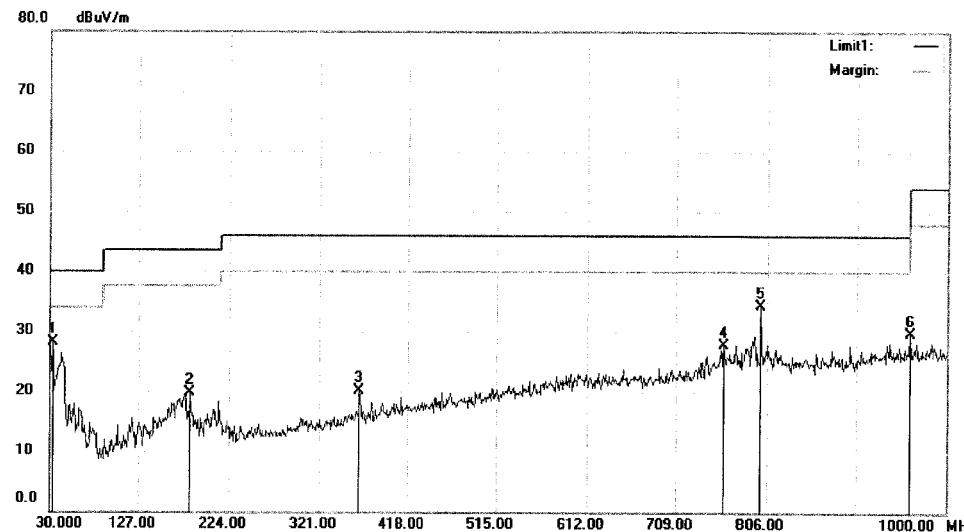
Radiated Emission Measurement

File :TUV(HUAKE)

Data #:76

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT40 2452

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB	Over	Antenna Height cm		Table Degree	
								Detector	degree	Comment	
1		32.9100	44.09	-16.04	28.05	40.00	-11.95	QP			
2		182.2900	36.47	-16.83	19.64	43.50	-23.86	QP			
3		364.6500	30.33	-10.29	20.04	46.00	-25.96	QP			
4		761.3800	30.49	-2.78	27.71	46.00	-18.29	QP			
5 *		799.2100	36.34	-2.03	34.31	46.00	-11.69	QP			
6		960.2300	29.90	-0.29	29.61	54.00	-24.39	QP			

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

Operator: KK

File :TUV(HUAKE)\Data .#76

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 59 von 128
Page 59 of 128

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



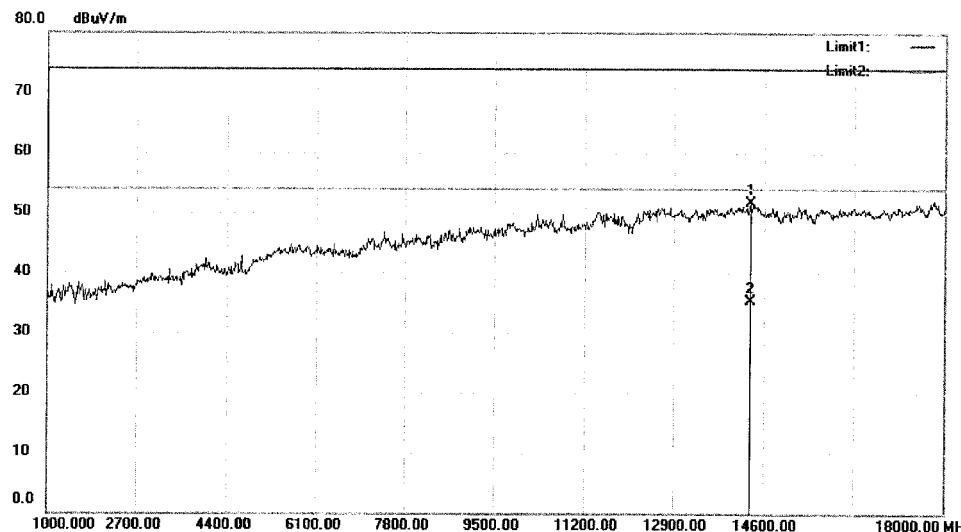
Radiated Emission Measurement

File : TUV 2017

Data #: 110

Date:

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11b 2412

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		14328.00	60.09	-8.40	51.69	74.00	-22.31	peak		
2	*	14328.00	43.80	-8.40	35.40	54.00	-18.60	AVG		

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

Operator:

File : TUV 2017\Data #: 110

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 60 von 128
Page 60 of 128

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



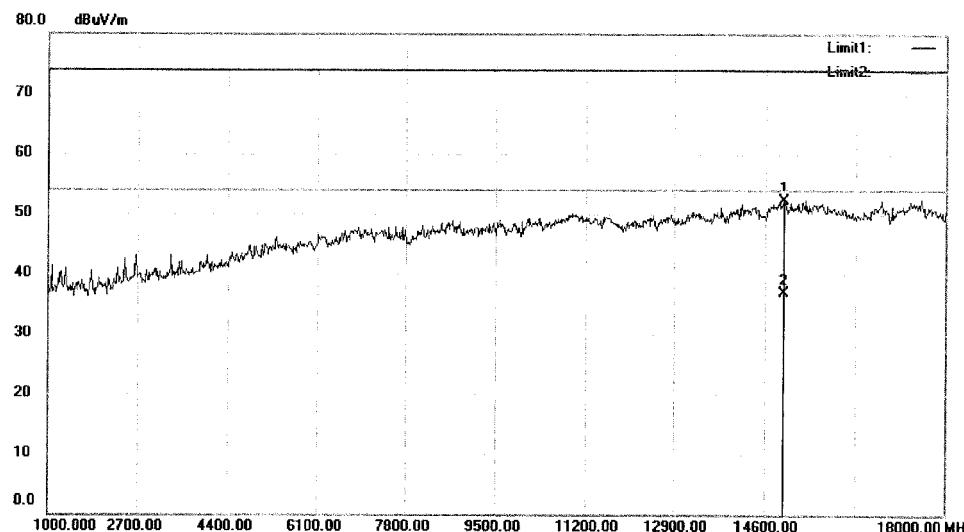
Radiated Emission Measurement

File : TUV 2017

Data #111

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11b 2412

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	
								Detector	Comment	degree	Comment
1		14940.00	61.87	-9.48	52.39	74.00	-21.61	peak			
2	*	14940.00	46.38	-9.48	36.90	54.00	-17.10	AVG			

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

Operator:

File : TUV 2017|Data :#111

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 61 von 128
Page 61 of 128

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



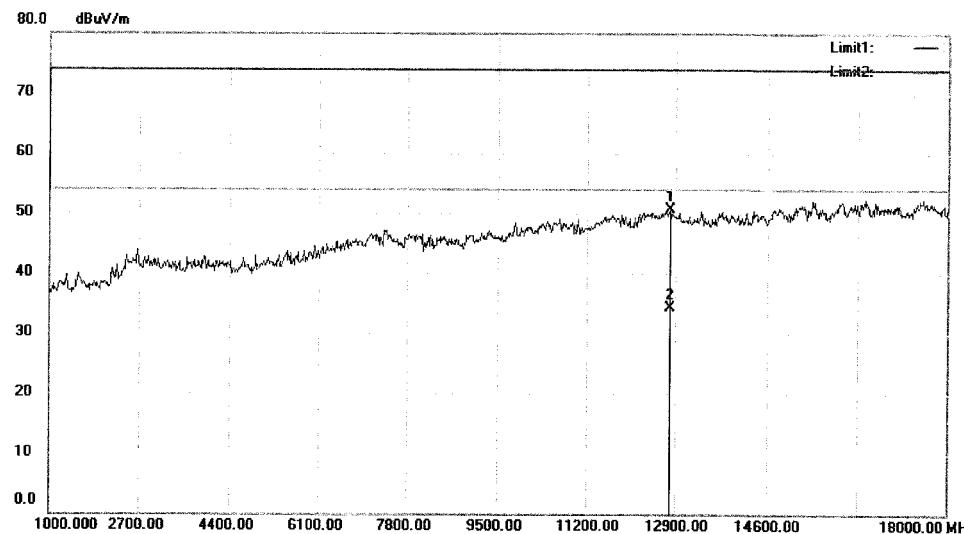
Radiated Emission Measurement

File : TUV 2017

Data : #112

Date:

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11b 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree
1		12798.00	63.50	-12.88	50.62	74.00	-23.38	peak	
2	*	12798.00	47.18	-12.88	34.30	54.00	-19.70	AVG	

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

Operator:

File : TUV 2017\Data :#112

Page: 1

Prüfbericht - Nr.: 50094373 002

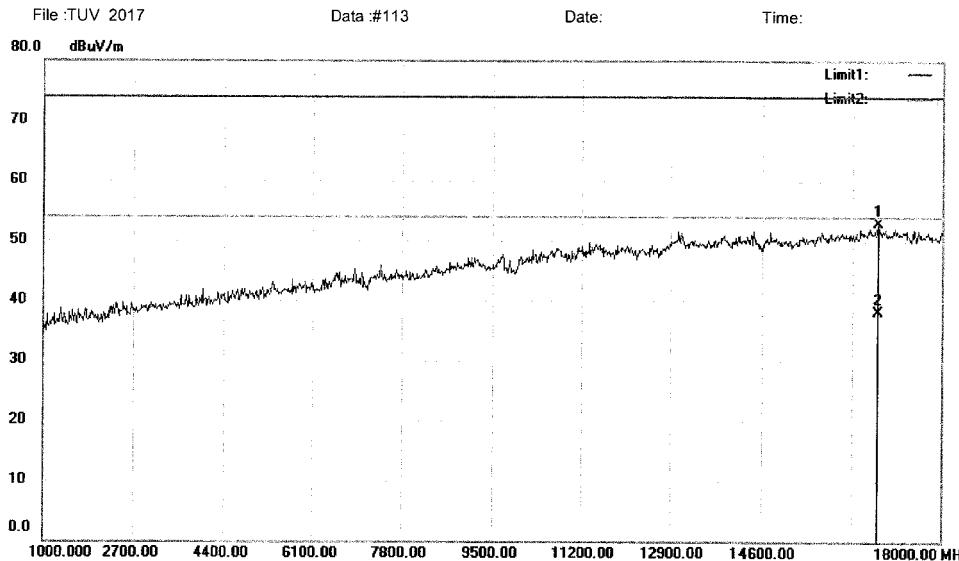
Test Report No.

Seite 62 von 128
Page 62 of 128

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: Tablet PC

M/N: NS-P11A8100

Mode:11b 2437

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					Degree
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		16776.00	62.98	-10.04	52.94	74.00	-21.06	peak		
2	*	16776.00	48.24	-10.04	38.20	54.00	-15.80	AVG		

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

Operator:

File :TUV 2017\Data #:113

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 63 von 128
Page 63 of 128

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



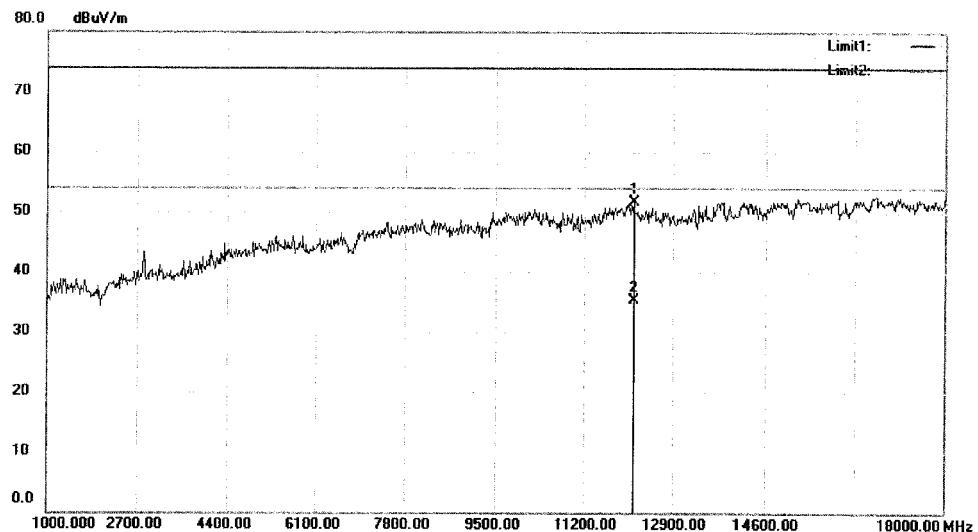
Radiated Emission Measurement

File : TUV 2017

Data : #114

Date:

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11b 2462

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					Degree
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		12152.00	65.10	-13.40	51.70	74.00	-22.30	peak		
2 *		12152.00	48.80	-13.40	35.40	54.00	-18.60	AVG		

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

Operator: KK

File : TUV 2017|Data : #114

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 64 von 128
Page 64 of 128

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



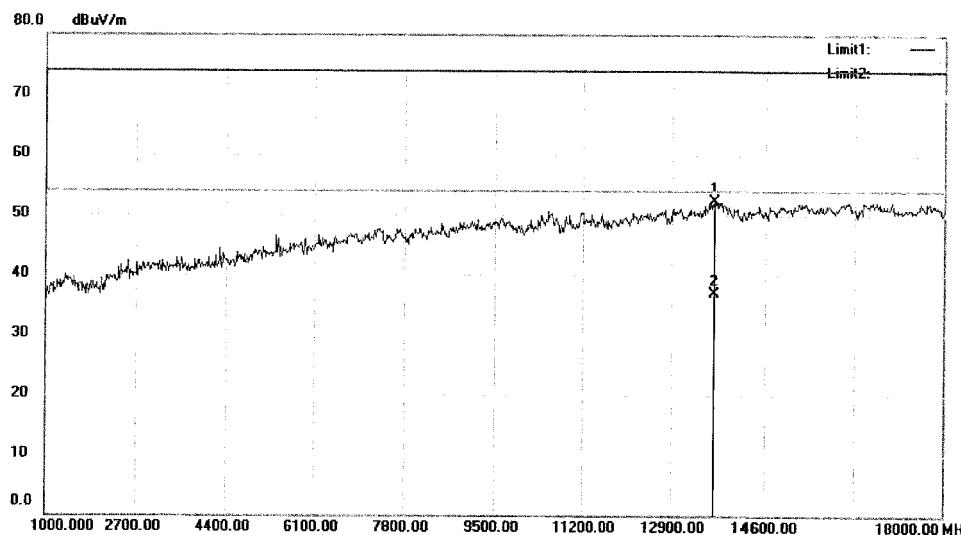
Radiated Emission Measurement

File : TUV 2017

Data : #115

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11b 2462

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		13699.00	61.57	-9.29	52.28	74.00	-21.72	peak			
2	*	13699.00	46.19	-9.29	36.90	54.00	-17.10	AVG			

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

Operator: KK

File : TUV 2017\ Data .#115

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 65 von 128
Page 65 of 128

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



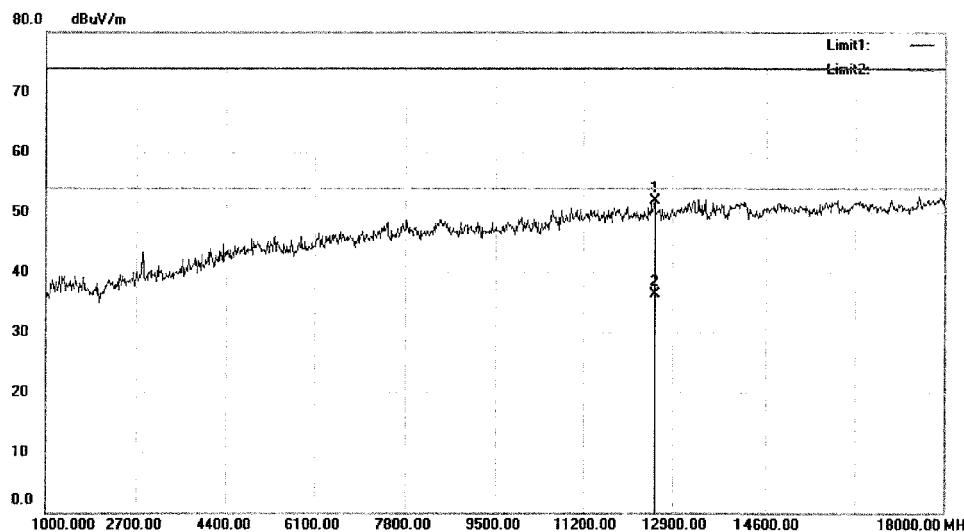
Radiated Emission Measurement

File : TUV 2017

Data #116

Date:

Time:



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11g 2412

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		12560.00	64.97	-13.07	51.90	74.00	-22.10	peak		
2	*	12560.00	49.47	-13.07	36.40	54.00	-17.60	AVG		

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

Operator: KK

File : TUV 2017\Data #116

Page: 1

Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 66 von 128
Page 66 of 128

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



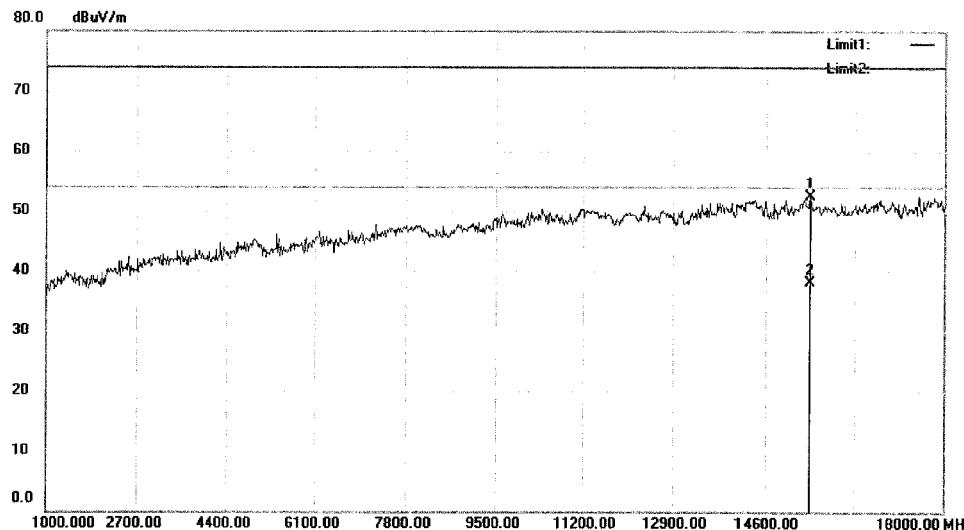
Radiated Emission Measurement

File : TUV 2017

Data #117

Date:

Time:



Site 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11g 2412

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
								Detector	Comment	
1		15450.00	63.60	-11.02	52.58	74.00	-21.42	peak		
2	*	15450.00	49.22	-11.02	38.20	54.00	-15.80	AVG		

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

Operator: KK

File : TUV 2017|Data :#117

Page: 1

Prüfbericht - Nr.: 50094373 002

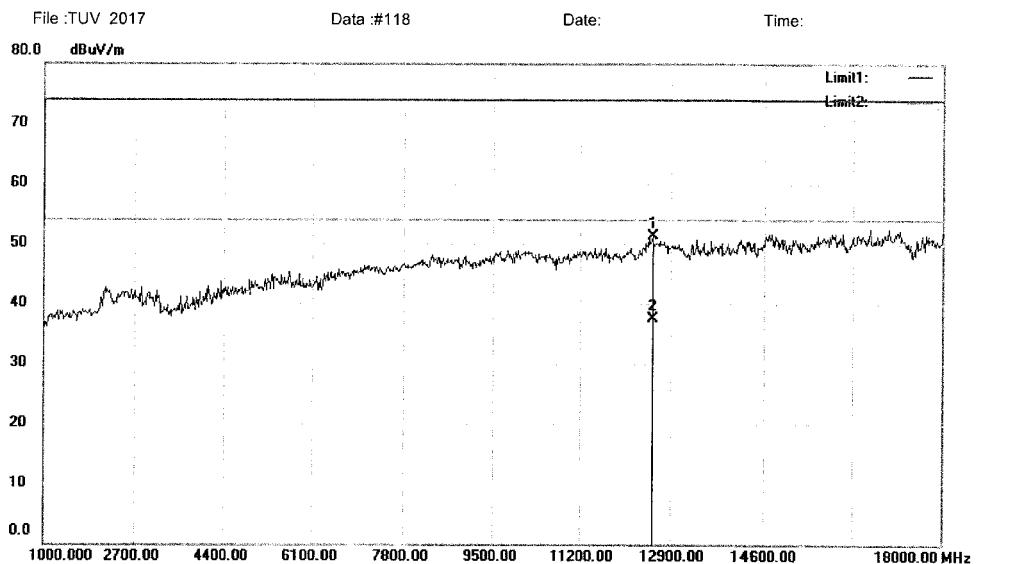
Test Report No.

Seite 67 von 128
Page 67 of 128

Shenzhen EMTEK Co., Ltd.
Bldg.69, Majiulong 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: Tablet PC
 M/N: NS-P11A8100
 Mode:11g 2437
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	
1		12560.00	64.47	-13.07	51.40	74.00	-22.60	peak		
2	*	12560.00	50.67	-13.07	37.60	54.00	-16.40	AVG		

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

Operator: KK

File :TUV 2017|Data .#118

Page: 1

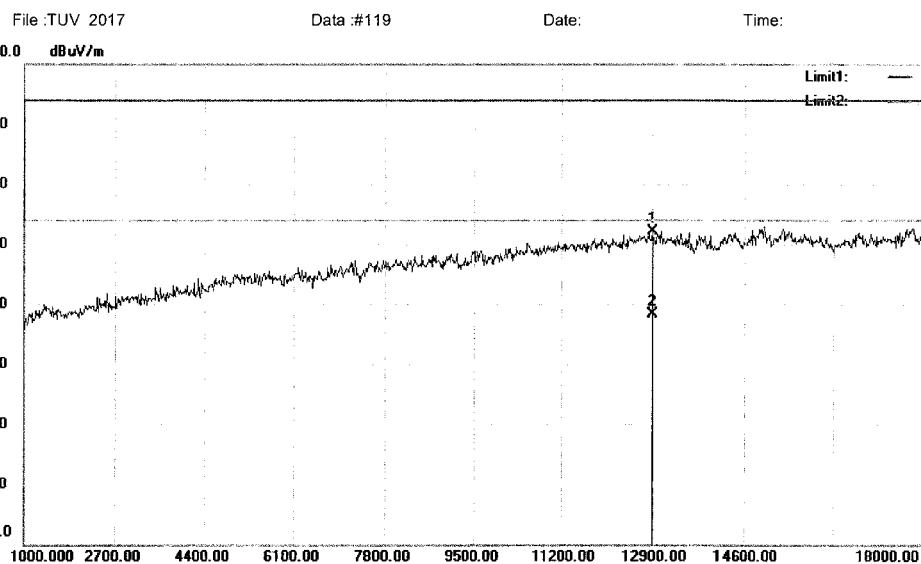
Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 68 von 128
Page 68 of 128

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: Tablet PC
M/N: NS-P11A8100
Mode:11g 2437
Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level							Degree
			MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree
1		12900.00	64.90	-12.80	52.10	74.00	-21.90	peak		
2	*	12900.00	51.10	-12.80	38.30	54.00	-15.70	AVG		

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

Operator: KK

File : TUV 2017\Data #:119

Page: 1

Prüfbericht - Nr.: 50094373 002

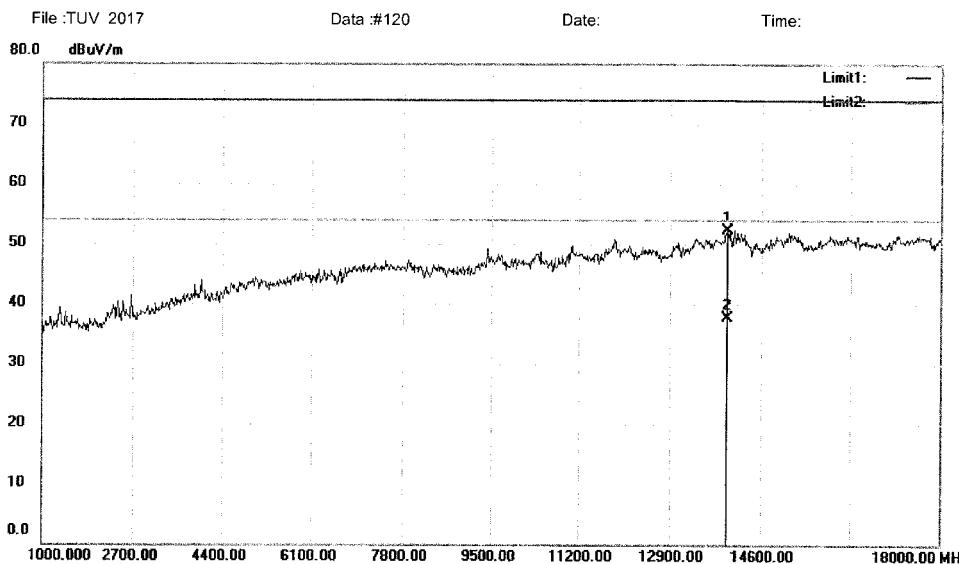
Test Report No.

Seite 69 von 128
Page 69 of 128

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: Tablet PC
 M/N: NS-P11A8100
 Mode:11g 2462
 Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
			Level	Factor	ment				
	MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		13971.00	60.35	-7.97	52.38	74.00	-21.62	peak	
2	*	13971.00	45.67	-7.97	37.70	54.00	-16.30	AVG	

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

Operator: KK

File : TUV 2017\Data .#120

Page: 1

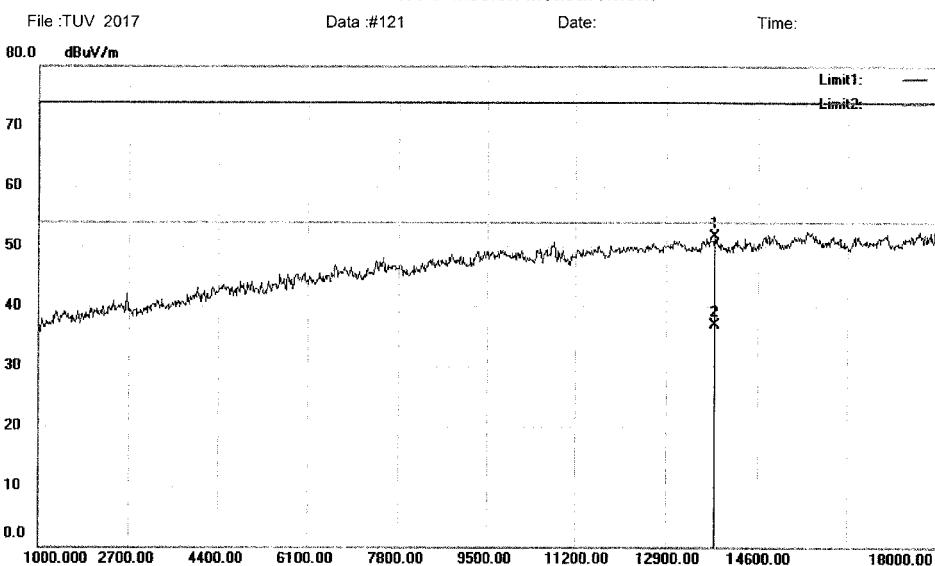
Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 70 von 128
Page 70 of 128

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: Tablet PC
M/N: NS-P11A8100
Mode:11g 2462
Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
			Level	Factor	ment				
	MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1	13818.00	60.36	-8.71	51.65	74.00	-22.35	peak		
2 *	13818.00	45.61	-8.71	36.90	54.00	-17.10	AVG		

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

Operator: KK

File : TUV 2017\Data .#121

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 71 von 128
Page 71 of 128

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



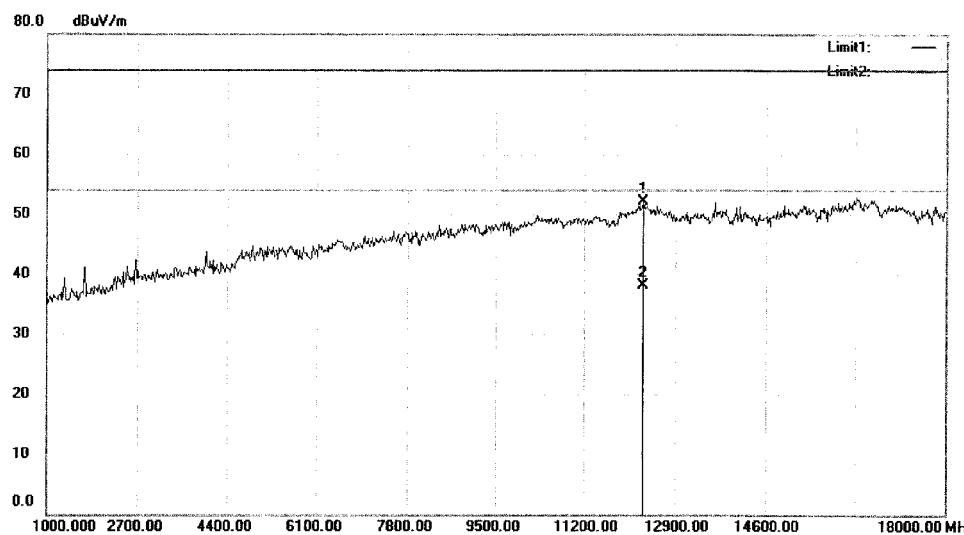
Radiated Emission Measurement

File : TUV 2017

Data #:122

Date:

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT20 2412

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		12305.00	65.29	-13.28	52.01	74.00	-21.99	peak		
2 *		12305.00	51.48	-13.28	38.20	54.00	-15.80	AVG		

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

Operator: KK

File : TUV 2017\Data #:122

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 72 von 128
Page 72 of 128

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



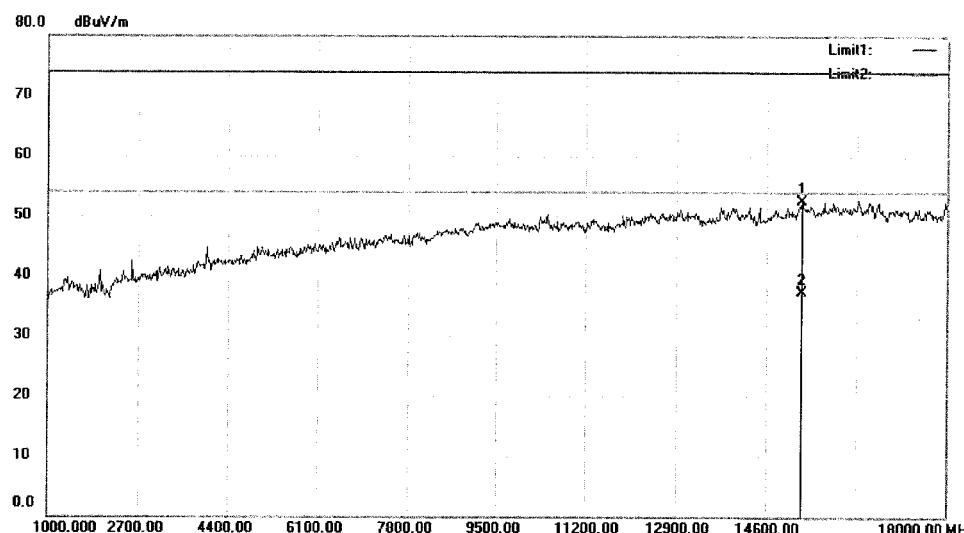
Radiated Emission Measurement

File : TUV 2017

Data #: 123

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT20 2412

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		15263.00	62.92	-10.43	52.49	74.00	-21.51	peak		
2	*	15263.00	47.73	-10.43	37.30	54.00	-16.70	AVG		

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

Operator: KK

File : TUV 2017\Data #: 123

Page: 1

Prüfbericht - Nr.: 50094373 002

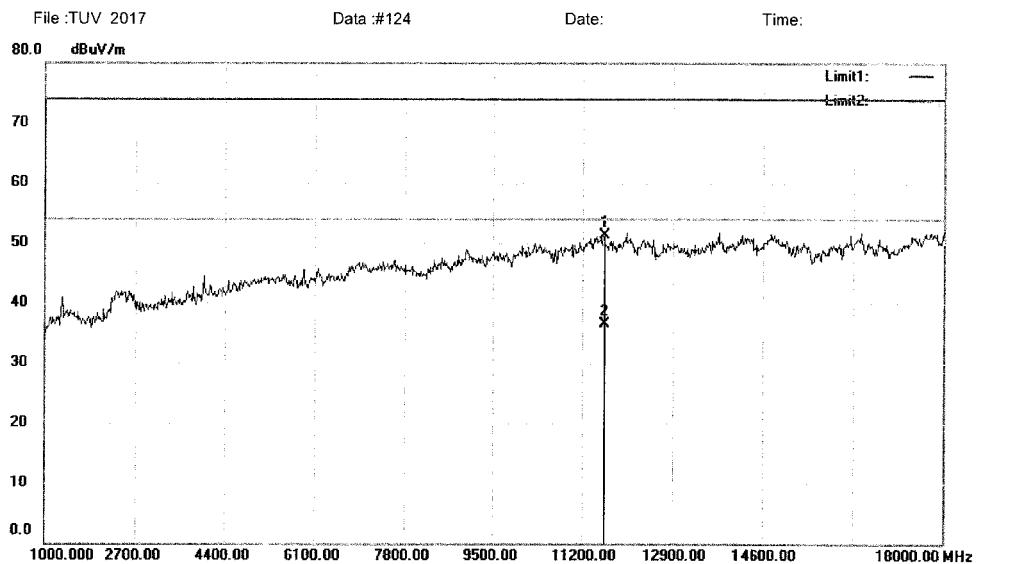
Test Report No.

Seite 73 von 128
Page 73 of 128

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: Tablet PC
 M/N: NS-P11A8100
 Mode:11nHT20 2437
 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		11608.00	64.69	-13.47	51.22	74.00	-22.78	peak			
2	*	11608.00	49.97	-13.47	36.50	54.00	-17.50	AVG			

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

Operator: KK

File : TUV 2017\Data #:124

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 74 von 128
Page 74 of 128

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



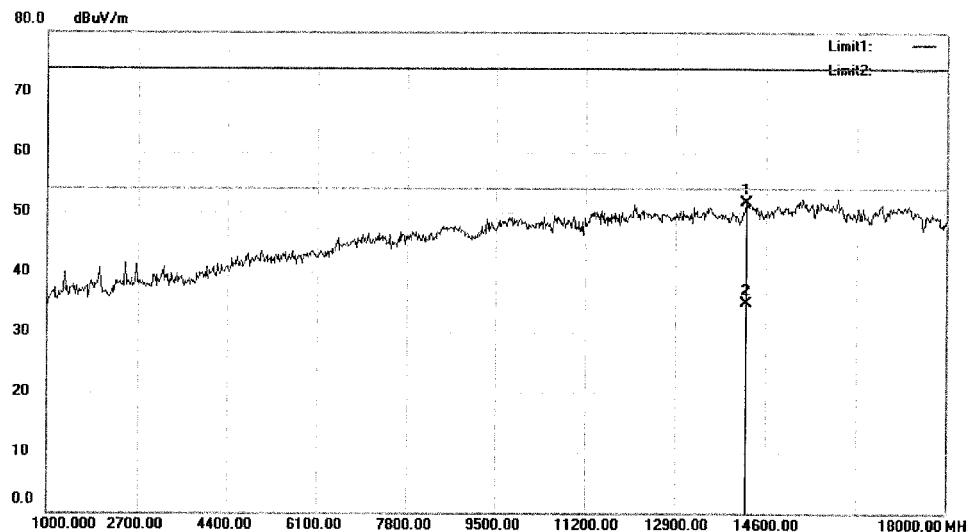
Radiated Emission Measurement

File : TUV 2017

Data #: 125

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT20 2437

Note:

No.	Mk.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
		Freq.	Level	Factor						
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		14243.00	59.96	-8.25	51.71	74.00	-22.29	peak		
2 *		14243.00	43.15	-8.25	34.90	54.00	-19.10	AVG		

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

Operator: KK

File : TUV 2017\Data #: 125

Page: 1

Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 75 von 128
Page 75 of 128

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



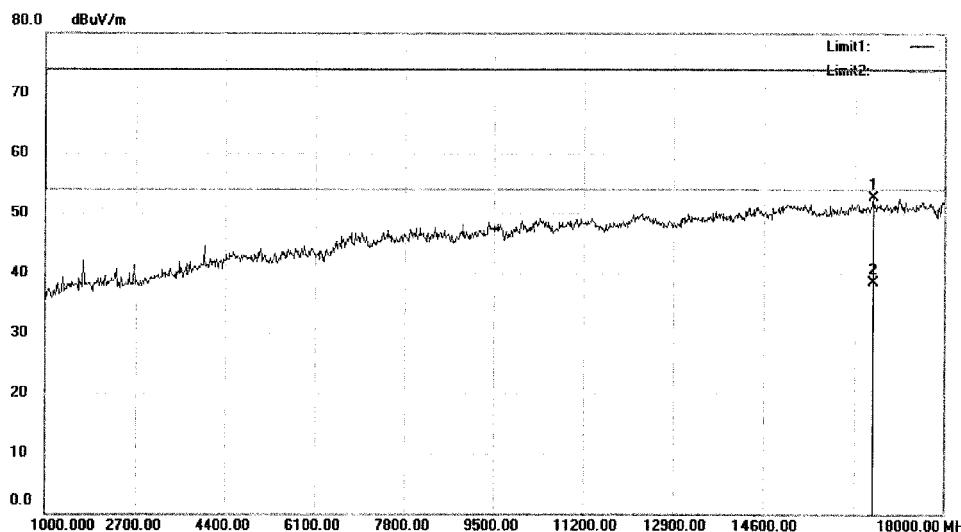
Radiated Emission Measurement

File : TUV 2017

Data #: 127

Date:

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT20 2462

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					Comment
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	
1		16640.00	63.16	-10.51	52.65	74.00	-21.35	peak		
2	*	16640.00	49.11	-10.51	38.60	54.00	-15.40	AVG		

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

Operator: KK

File : TUV 2017\Data #: 127

Page: 1

Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 76 von 128
Page 76 of 128

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



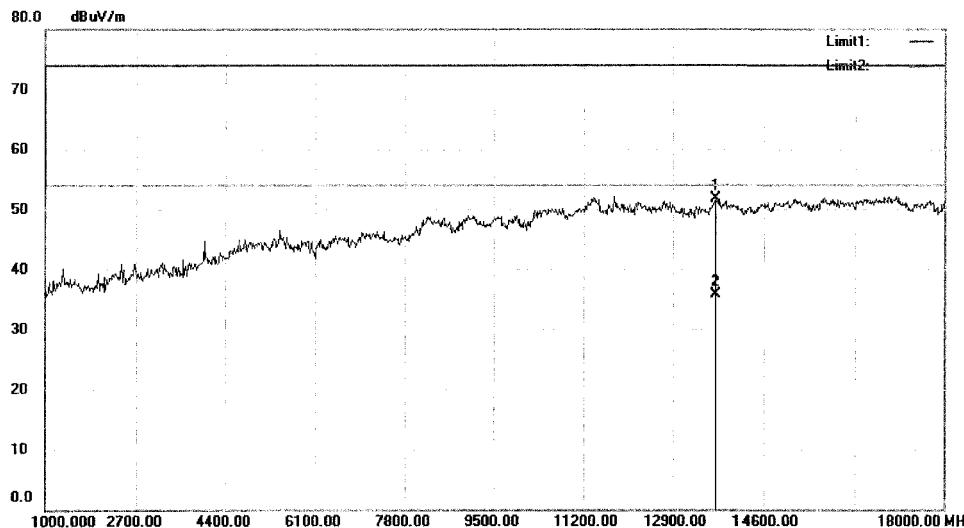
Radiated Emission Measurement

File : TUV 2017

Data #126

Date:

Time:



Site: 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT20 2462

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					Degree
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		13716.00	60.83	-9.21	51.62	74.00	-22.38	peak		
2	*	13716.00	45.01	-9.21	35.80	54.00	-18.20	AVG		

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

Operator: KK

File : TUV 2017\Data :#126

Page: 1

Prüfbericht - Nr.: **50094373 002**
Test Report No.

Seite 77 von 128
Page 77 of 128

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



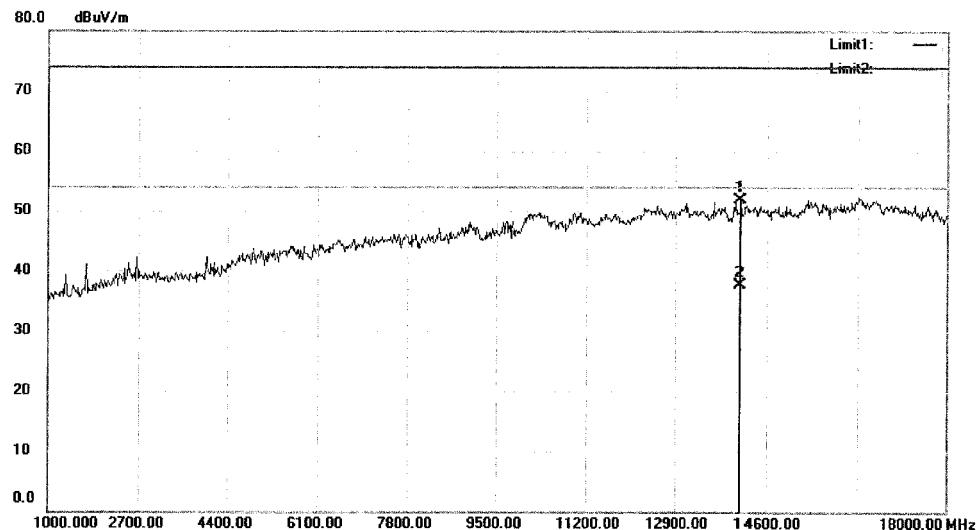
Radiated Emission Measurement

File : TUV 2017

Data : #128

Date:

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT40 2422

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB	Over	Antenna Height cm	Table Degree	Comment
								Detector	degree	
1		14141.00	59.94	-8.07	51.87	74.00	-22.13	peak		
2	*	14141.00	45.87	-8.07	37.80	54.00	-16.20	AVG		

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

Operator: KK

File : TUV 2017\Data : #128

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 78 von 128
 Page 78 of 128

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



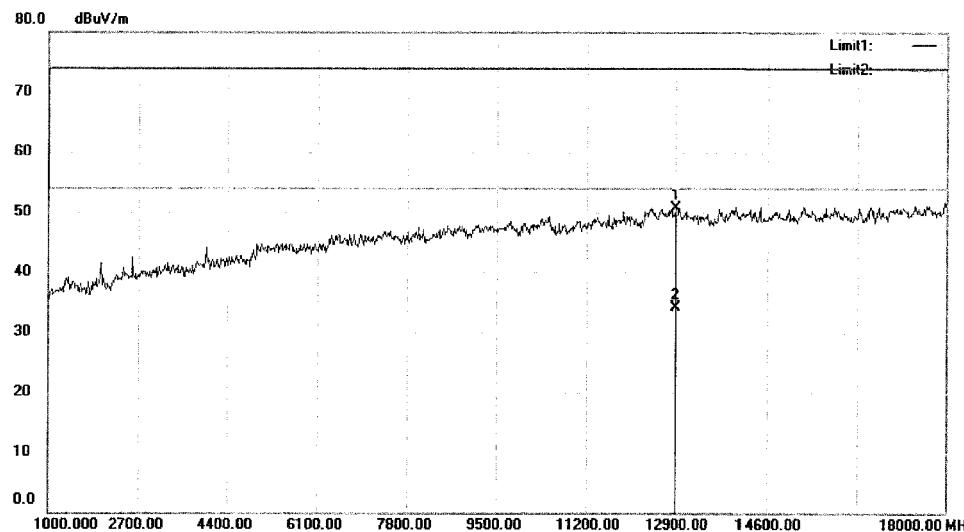
Radiated Emission Measurement

File : TUV 2017

Data #: 129

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 °C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT40 2422

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB	Over	Antenna Height cm	Table Degree	Comment
								Detector	degree	
1		12900.00	63.48	-12.80	50.68	74.00	-23.32	peak		
2	*	12900.00	47.00	-12.80	34.20	54.00	-19.80	AVG		

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

Operator: KK

File : TUV 2017\Data #: 129

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 79 von 128
Page 79 of 128

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



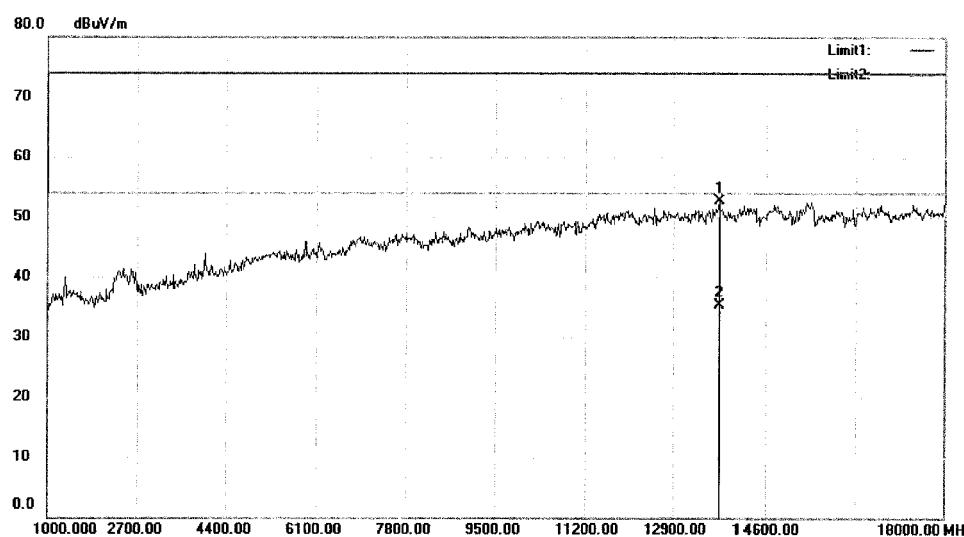
Radiated Emission Measurement

File : TUV 2017

Data #130

Date:

Time:



Site: 3m Chamber #3

Polarization: Horizontal

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT40 2437

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
			Level	Factor	ment					Degree	
			MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		13784.00	61.58	-8.88	52.70	74.00	-21.30	peak			
2	*	13784.00	44.18	-8.88	35.30	54.00	-18.70	AVG			

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

Operator: KK

File : TUV 2017\Data #130

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 80 von 128
Page 80 of 128

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



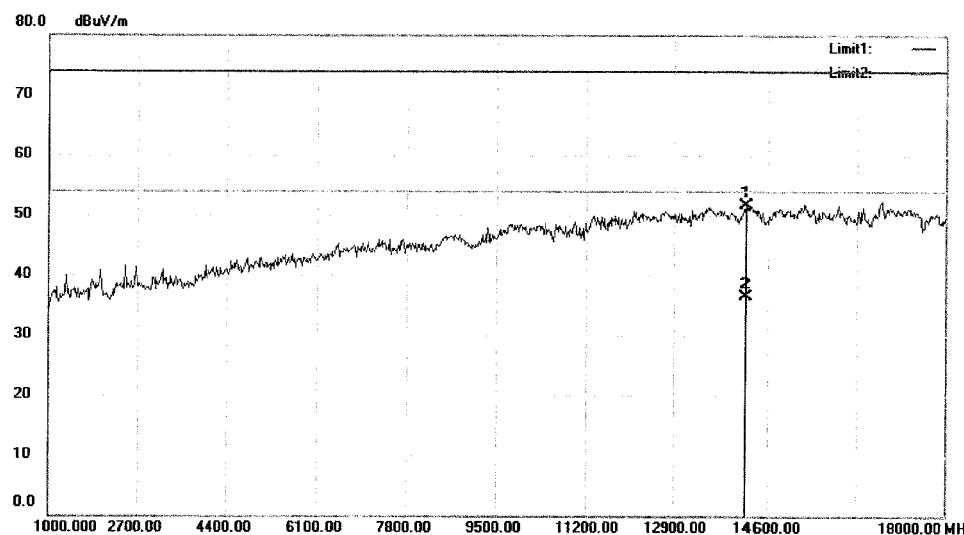
Radiated Emission Measurement

File : TUV 2017

Data : #131

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT40 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	
1		14243.00	59.96	-8.25	51.71	74.00	-22.29	peak		
2	*	14243.00	44.85	-8.25	36.60	54.00	-17.40	AVG		

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

Operator: KK

File : TUV 2017\ Data : #131

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 81 von 128
Page 81 of 128

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



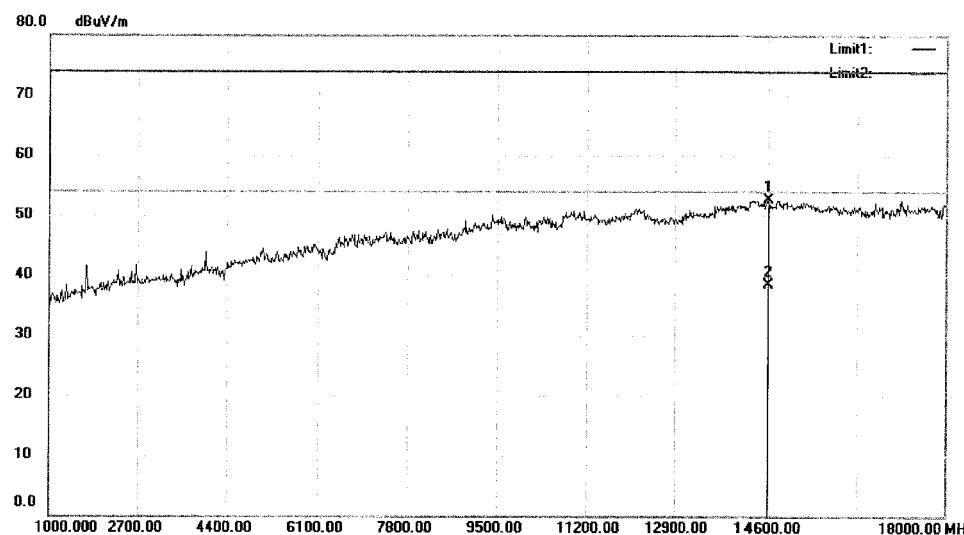
Radiated Emission Measurement

File : TUV 2017

Data #: 133

Date:

Time:



Site: 3m Chamber #3

Polarization: Horizontal

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT40 2452

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		14600.00	61.56	-8.88	52.68	74.00	-21.32	peak		
2	*	14600.00	47.48	-8.88	38.60	54.00	-15.40	AVG		

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

Operator: KK

File : TUV 2017\Data #: 133

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 82 von 128
Page 82 of 128

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



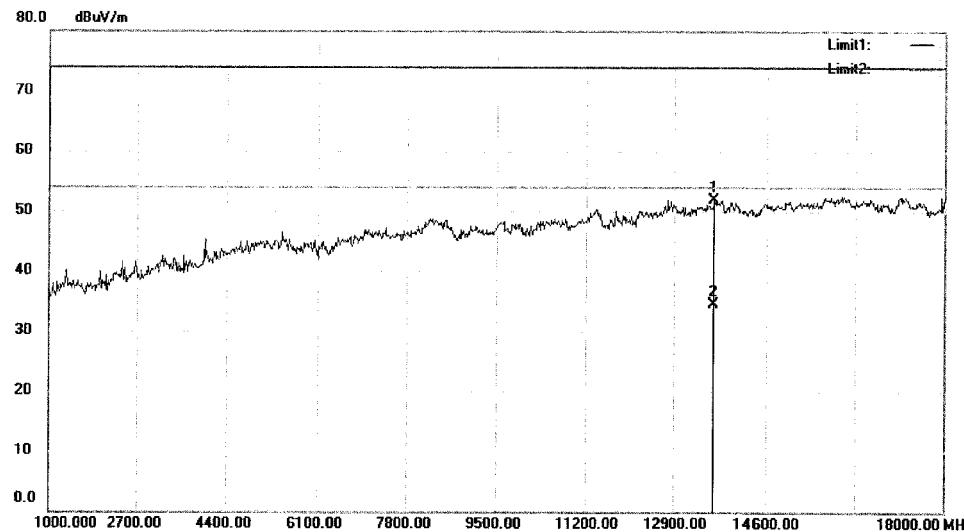
Radiated Emission Measurement

File : TUV 2017

Data #: 132

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT40 2452

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		13665.00	61.31	-9.46	51.85	74.00	-22.15	peak			
2	*	13665.00	43.96	-9.46	34.50	54.00	-19.50	AVG			

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

Operator: KK

File : TUV 2017|Data #: 132

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 83 von 128
Page 83 of 128

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



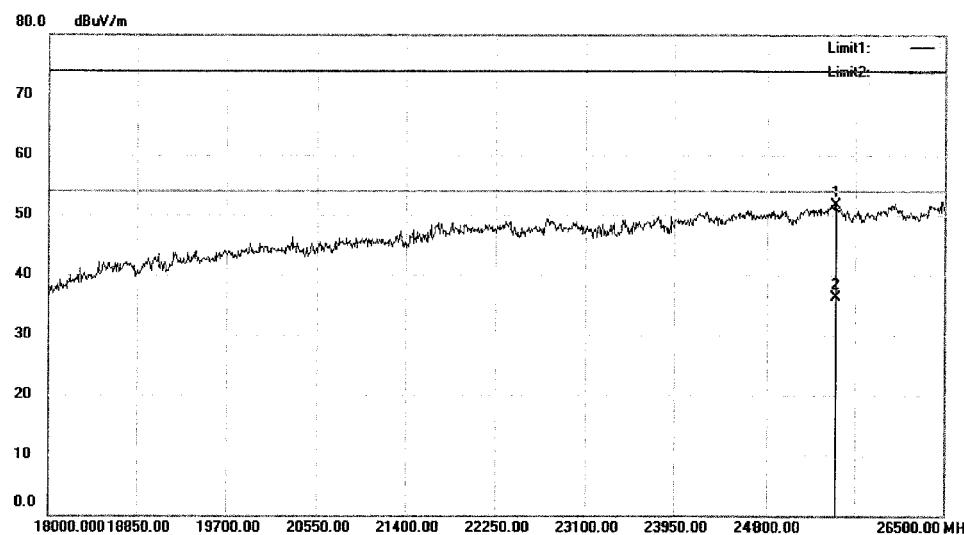
Radiated Emission Measurement

File : TUV 2017

Data #: 218

Date:

Time:



Site: 3m Chamber #3

Polarization: Horizontal

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11b 2412

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
			Level	Factor	ment						
			MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		25463.00	88.24	-36.45	51.79	74.00	-22.21	peak			
2	*	25463.00	72.85	-36.45	36.40	54.00	-17.60	AVG			

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

Operator: KK

File : TUV 2017\ Data #: 218

Page: 1

Prüfbericht - Nr.: 50094373 002

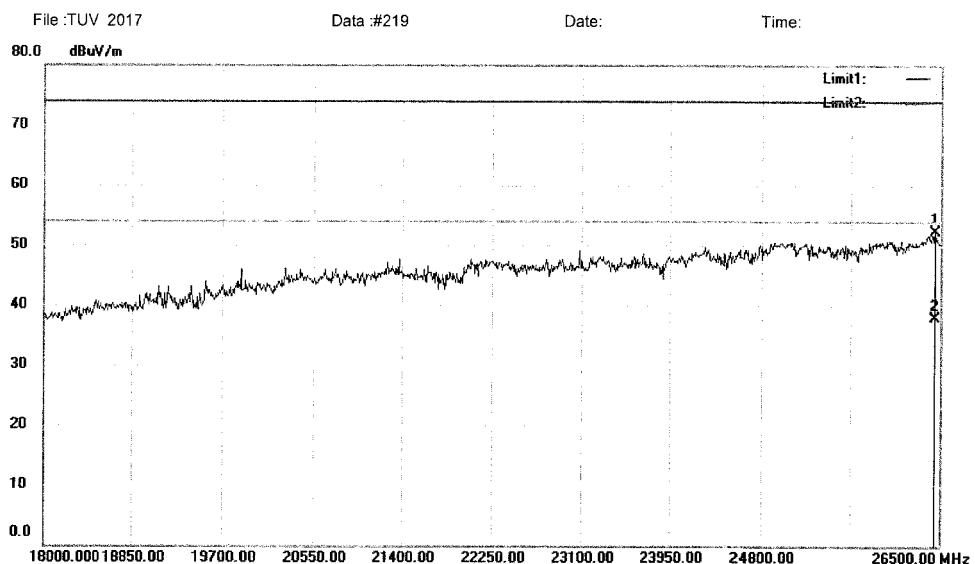
Test Report No.

Seite 84 von 128
Page 84 of 128

Shenzhen EMTEK Co., Ltd.
Bldg. 69, Majiulong 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: Tablet PC
M/N: NS-P11A8100
Mode:11b 2412
Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		26449.00	87.47	-35.24	52.23	74.00	-21.77	peak		
2 *		26449.00	73.14	-35.24	37.90	54.00	-16.10	AVG		

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

Operator: KK

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 85 von 128
Page 85 of 128

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



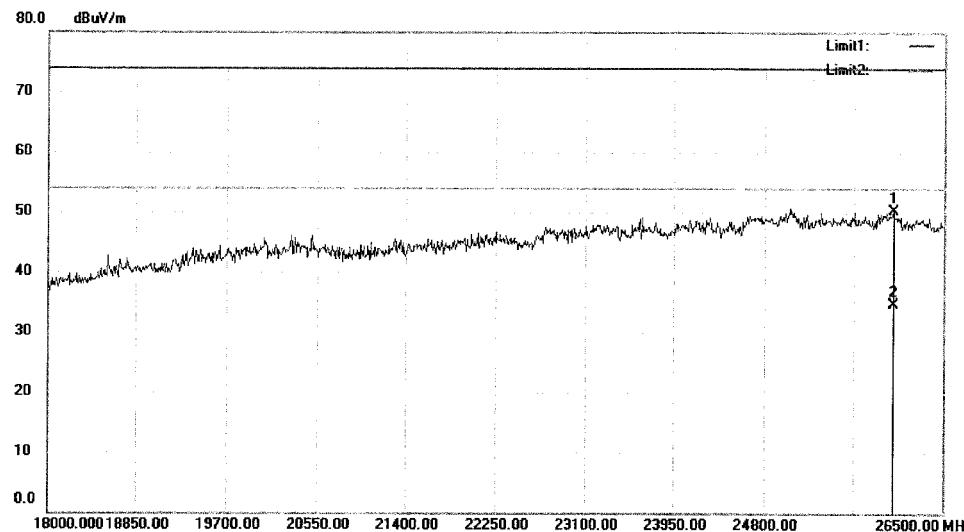
Radiated Emission Measurement

File:TUV 2017

Data #220

Date:

Time:



Site: 3m Chamber #3

Polarization: Horizontal

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11b 2437

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
			Level	Factor	ment						
			MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		26024.00	86.01	-35.76	50.25	74.00	-23.75	peak			
2 *		26024.00	70.56	-35.76	34.80	54.00	-19.20	AVG			

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

Operator: KK

File:TUV 2017>Data #220

Page: 1

Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 86 von 128
Page 86 of 128

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



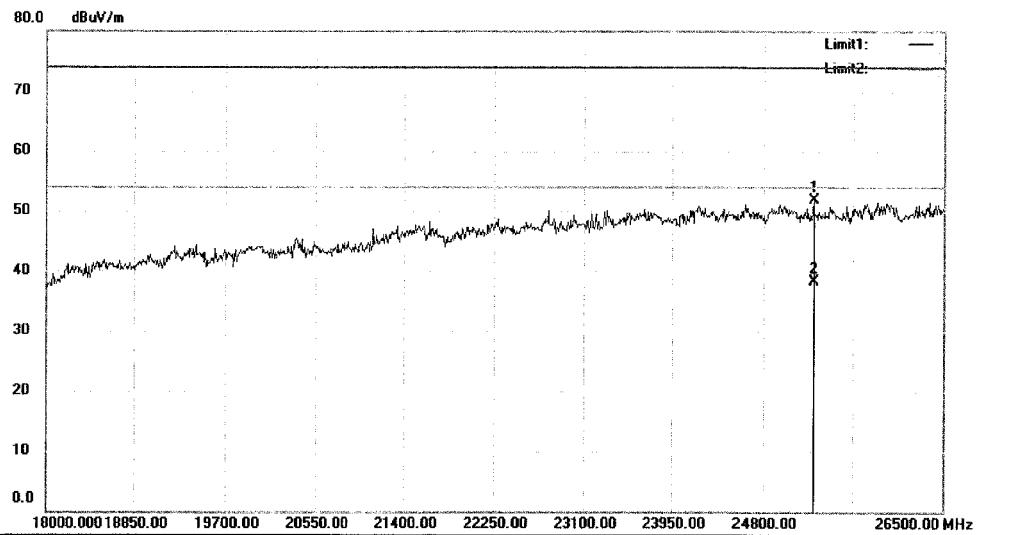
Radiated Emission Measurement

File : TUV 2017

Data #221

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11b 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
								MHz	dBuV	
1		25276.00	88.58	-36.67	51.91	74.00	-22.09	peak		
2	*	25276.00	74.97	-36.67	38.30	54.00	-15.70	AVG		

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

Operator: KK

File : TUV 2017|Data :#221

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 87 von 128
Page 87 of 128

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



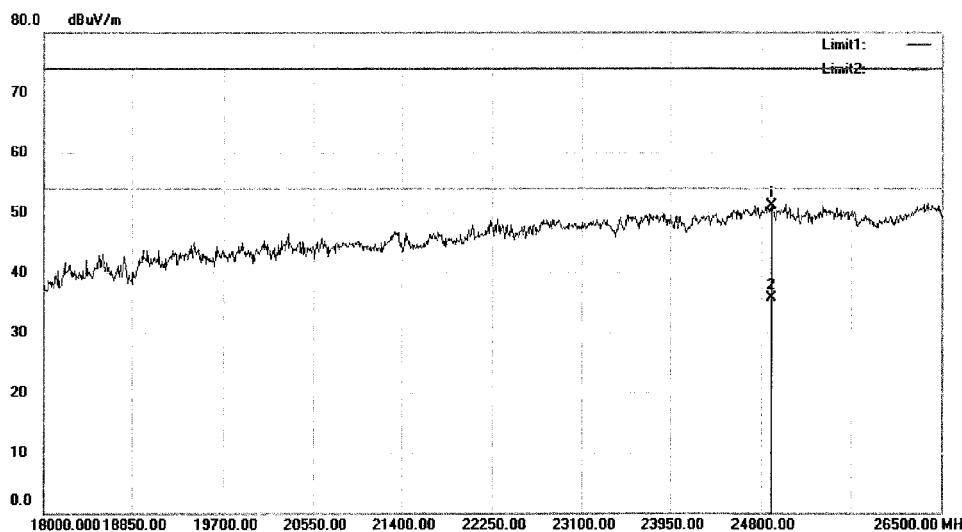
Radiated Emission Measurement

File : TUV 2017

Data #222

Date:

Time:



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11b 2462

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	
								Detector	Comment	degree	Comment
1		24893.50	88.22	-37.02	51.20	74.00	-22.80	peak			
2	*	24893.50	72.72	-37.02	35.70	54.00	-18.30	AVG			

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

Operator: KK

File : TUV 2017\Data #222

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 88 von 128
Page 88 of 128

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



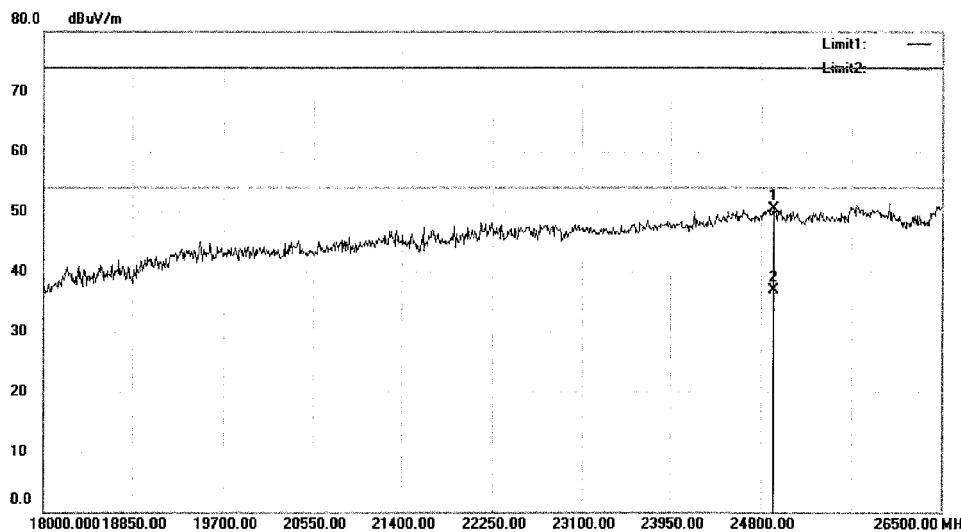
Radiated Emission Measurement

File : TUV 2017

Data #223

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11b 2462

Note:

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Antenna Height cm	Table Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	degree	
1		24919.00	87.46	-37.02	50.44	74.00	-23.56	peak		
2	*	24919.00	73.92	-37.02	36.90	54.00	-17.10	AVG		

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

Operator: KK

File : TUV 2017\Data #223

Page: 1

Prüfbericht - Nr.: 50094373 002

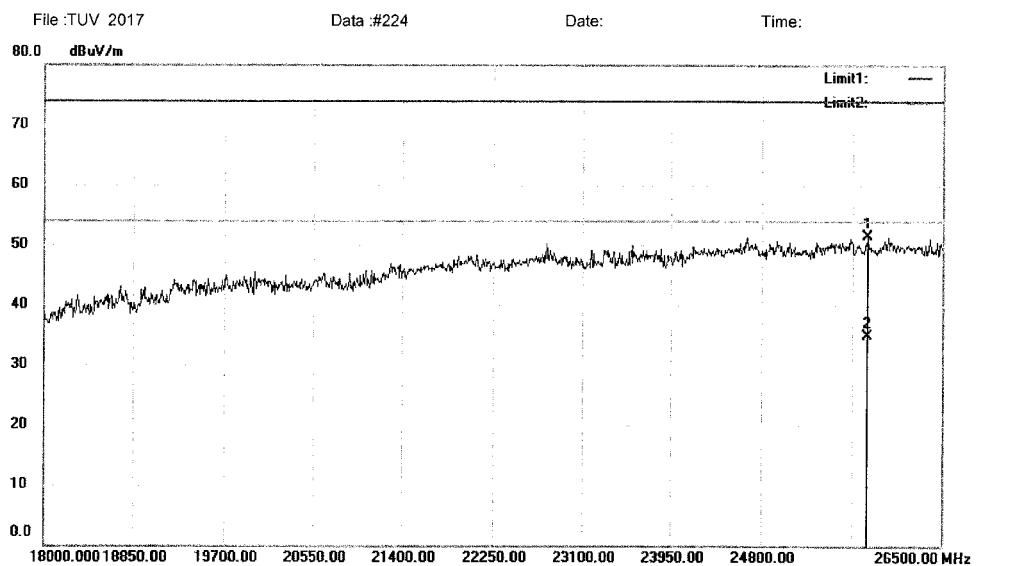
Test Report No.

Seite 89 von 128
Page 89 of 128

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: Tablet PC
 M/N: NS-P11A8100
 Mode: 11g 2412
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		25794.50	87.49	-36.04	51.45	74.00	-22.55	peak		
2	*	25794.50	70.94	-36.04	34.90	54.00	-19.10	AVG		

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

Operator: KK

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 90 von 128
Page 90 of 128

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



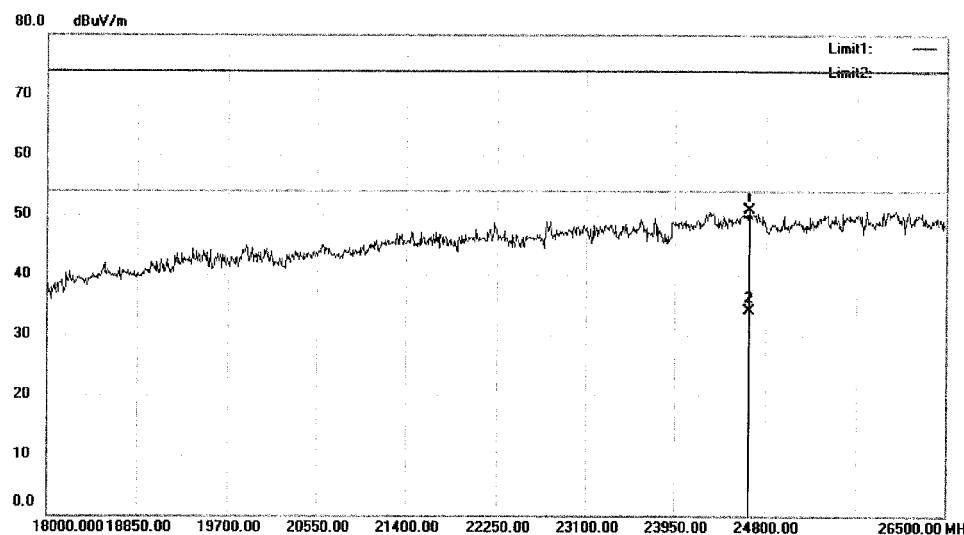
Radiated Emission Measurement

File :TUV 2017

Data #:225

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11g 2412

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					Degree
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		24647.00	88.01	-37.05	50.96	74.00	-23.04	peak		
2	*	24647.00	71.25	-37.05	34.20	54.00	-19.80	AVG		

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

Operator: KK

File :TUV 2017|Data #:225

Page: 1

Prüfbericht - Nr.: 50094373 002

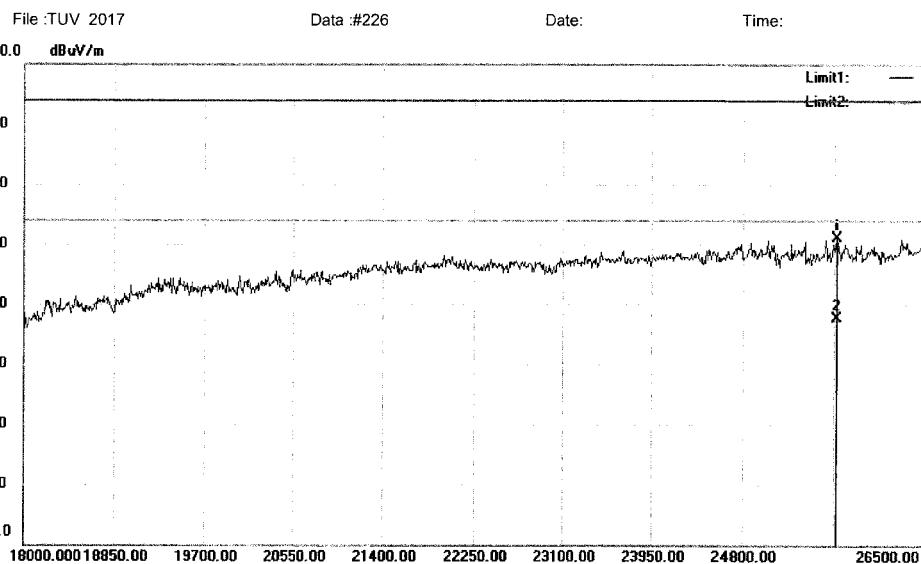
Test Report No.

Seite 91 von 128
Page 91 of 128

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: Tablet PC
 M/N: NS-P11A8100
 Mode:11g 2437
 Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					Degree
		MHz	dB _u V	dB	dB _u V/m	dB	Detector	cm	degree	Comment
1		25675.50	87.34	-36.19	51.15	74.00	-22.85	peak		
2	*	25675.50	73.99	-36.19	37.80	54.00	-16.20	AVG		

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

Operator: KK

File : TUV 2017>Data #226

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 92 von 128
Page 92 of 128

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



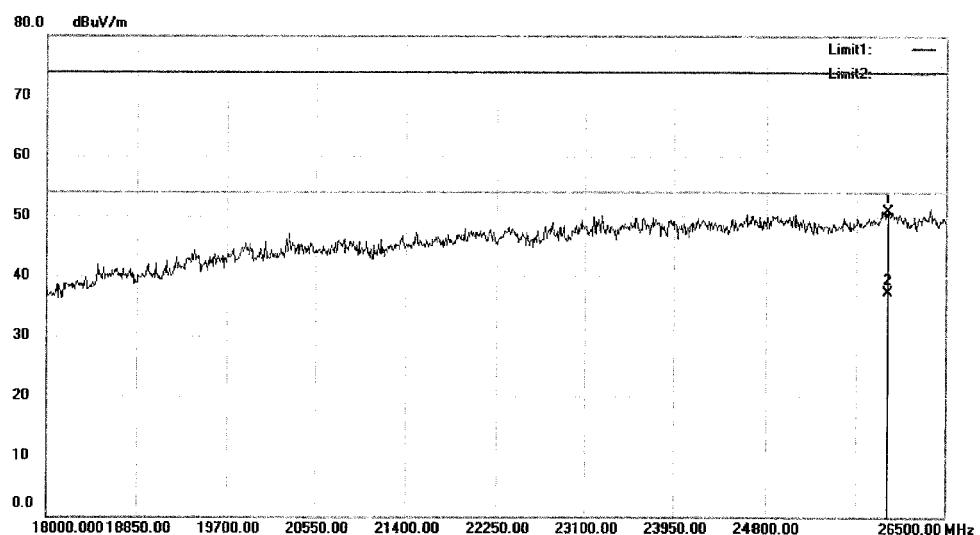
Radiated Emission Measurement

File : TUV 2017

Data #: 227

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11g 2437

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		25947.50	86.78	-35.85	50.93	74.00	-23.07	peak			
2	*	25947.50	73.25	-35.85	37.40	54.00	-16.60	AVG			

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

Operator: KK

File : TUV 2017\ Data #: 227

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 93 von 128
Page 93 of 128

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



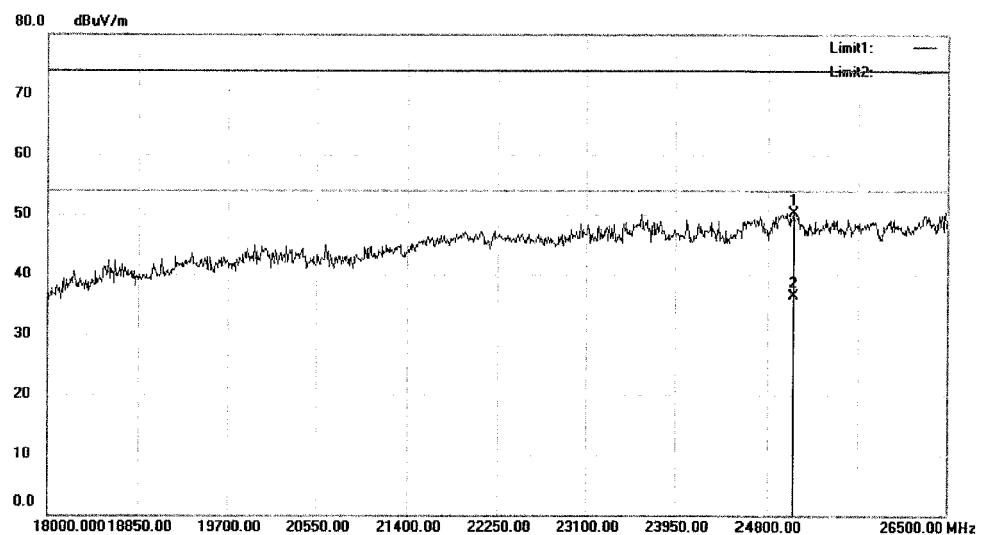
Radiated Emission Measurement

File : TUV 2017

Data #: 228

Date:

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11g 2462

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		25038.00	87.22	-36.96	50.26	74.00	-23.74	peak		
2	*	25038.00	73.56	-36.96	36.60	54.00	-17.40	AVG		

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

Operator: KK

File : TUV 2017\Data #: 228

Page: 1

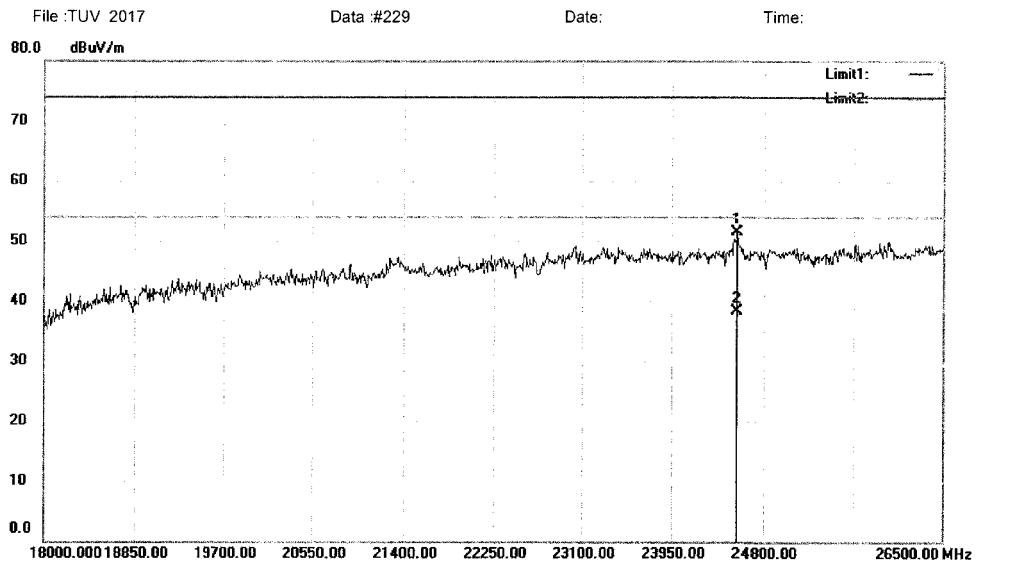
Prüfbericht - Nr.: **50094373 002**
Test Report No.

Seite 94 von 128
Page 94 of 128

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: Tablet PC

M/N: NS-P11A8100

Mode:11g 2462

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		24570.50	88.57	-37.06	51.51	74.00	-22.49	peak		
2	*	24570.50	75.36	-37.06	38.30	54.00	-15.70	AVG		

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

Operator: KK

File : TUV 2017\Data #229

Page: 1

Prüfbericht - Nr.: 50094373 002

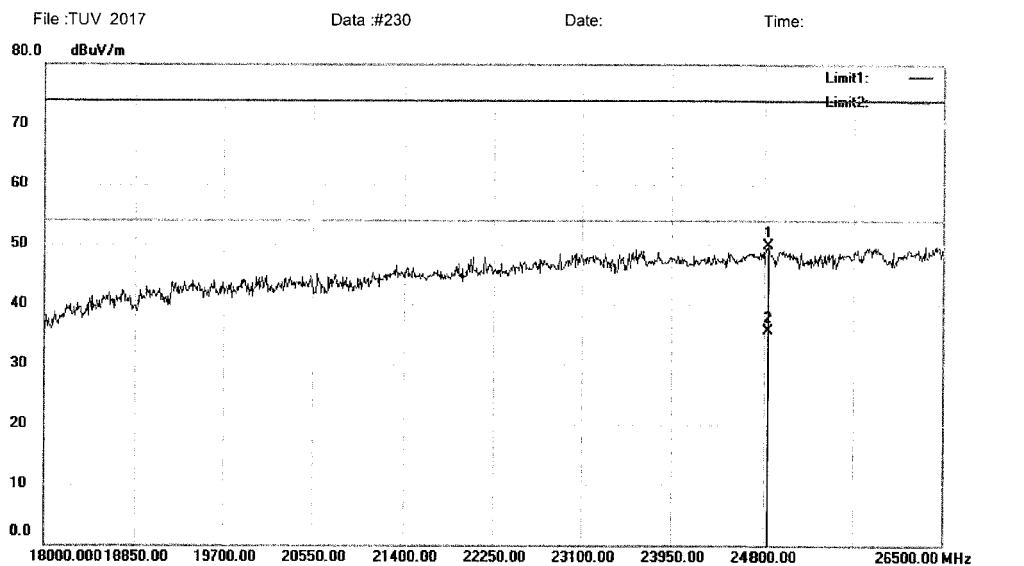
Test Report No.

Seite 95 von 128
Page 95 of 128

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: Tablet PC
 M/N: NS-P11A8100
 Mode:11nHT20 2412
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		24842.50	86.90	-37.03	49.87	74.00	-24.13	peak		
2	*	24842.50	72.83	-37.03	35.80	54.00	-18.20	AVG		

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

Operator: KK

File : TUV 2017\Data #:230

Page: 1

Prüfbericht - Nr.: **50094373 002**
Test Report No.

Seite 96 von 128
Page 96 of 128

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



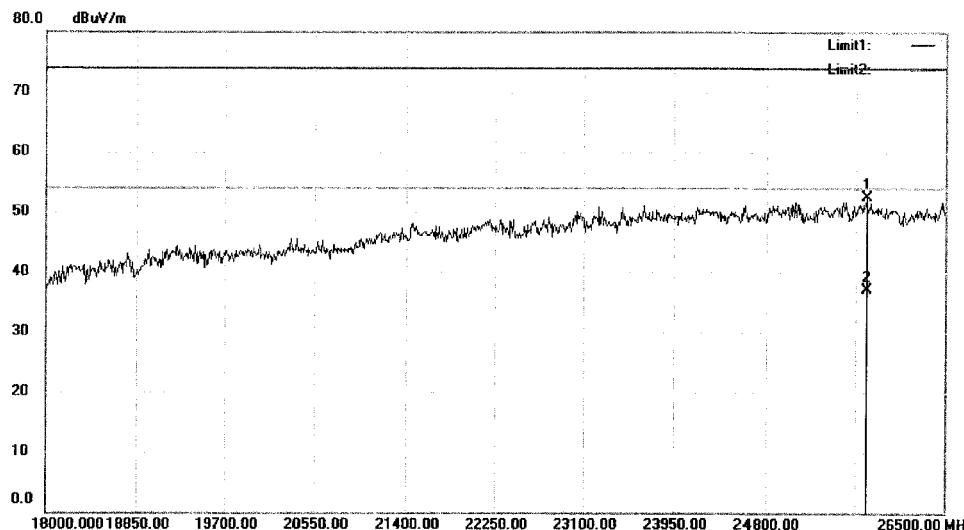
Radiated Emission Measurement

File : TUV 2017

Data #231

Date:

Time:



Site: 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT20 2412

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					Degree
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		25752.00	88.54	-36.09	52.45	74.00	-21.55	peak		
2	*	25752.00	73.19	-36.09	37.10	54.00	-16.90	AVG		

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

Operator: KK

File : TUV 2017\Data #231

Page: 1

Prüfbericht - Nr.: 50094373 002

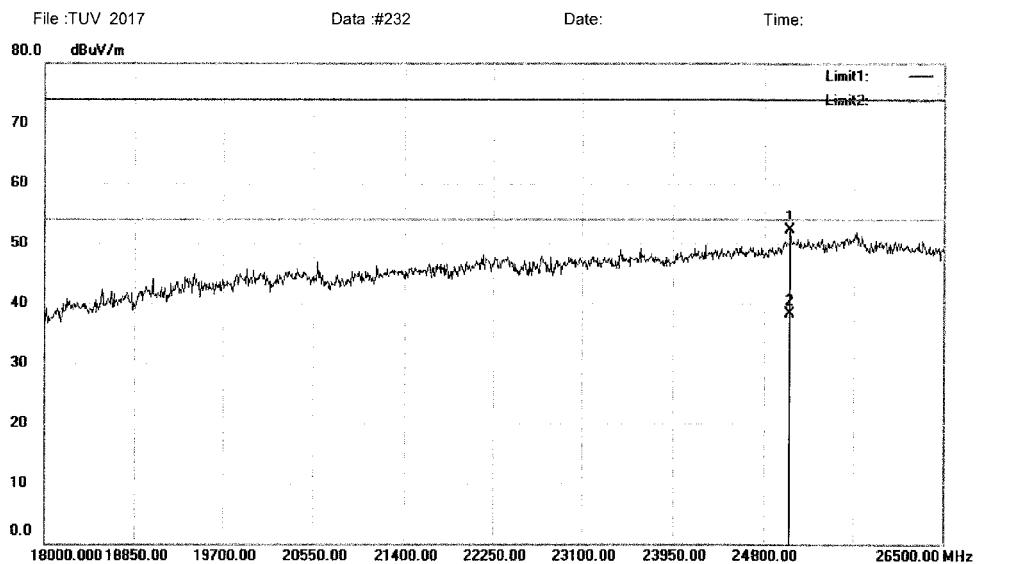
Test Report No.

Seite 97 von 128
Page 97 of 128

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: Tablet PC
 M/N: NS-P11A8100
 Mode:11nHT20 2437
 Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
			Level	Factor	ment				
	MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1	25046.50	89.16	-36.95	52.21	74.00	-21.79	peak		
2 *	25046.50	75.25	-36.95	38.30	54.00	-15.70	AVG		

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

Operator: KK

Prüfbericht - Nr.: **50094373 002**
Test Report No.

Seite 98 von 128
Page 98 of 128

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



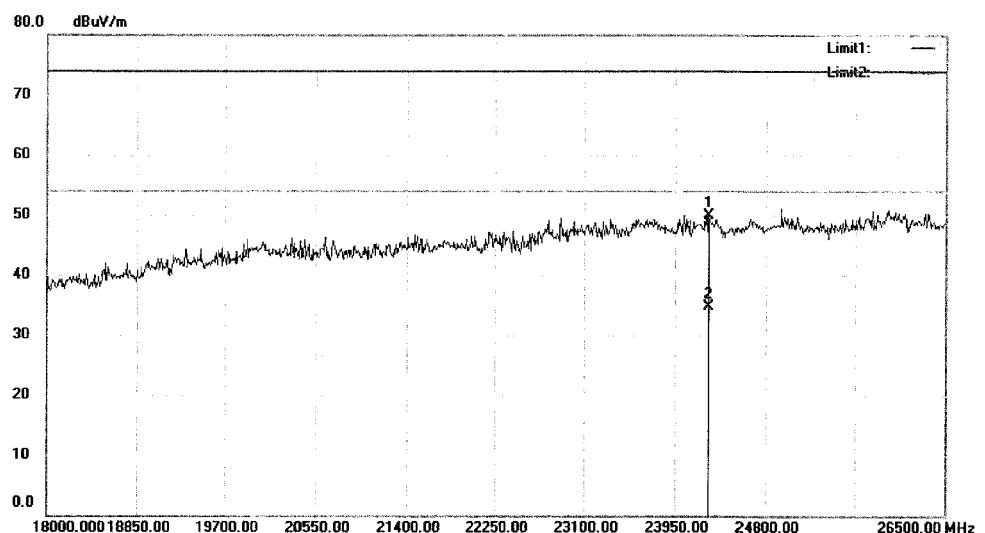
Radiated Emission Measurement

File : TUV 2017

Data #: 233

Date:

Time:



Site: 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT20 2437

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	
								Detector	Comment	degree	Comment
1		24273.00	86.96	-37.10	49.86	74.00	-24.14	peak			
2	*	24273.00	71.80	-37.10	34.70	54.00	-19.30	AVG			

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

Operator: KK

File : TUV 2017\Data #: 233

Page: 1

Prüfbericht - Nr.: 50094373 002

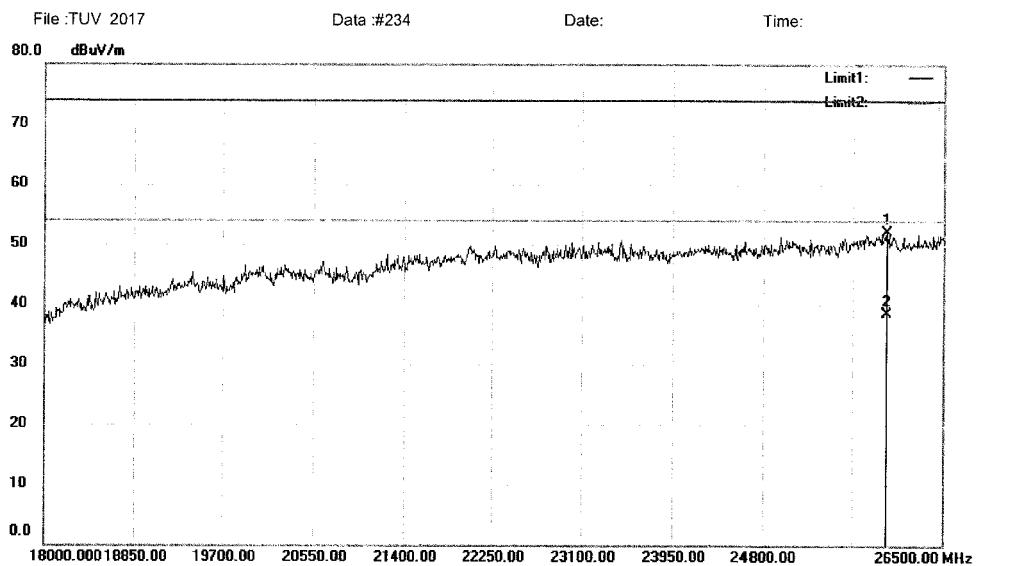
Test Report No.

Seite 99 von 128
Page 99 of 128

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: Tablet PC
 M/N: NS-P11A8100
 Mode:11nHT20 2462
 Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		25973.00	87.93	-35.82	52.11	74.00	-21.89	peak		
2	*	25973.00	74.32	-35.82	38.50	54.00	-15.50	AVG		

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

Operator: KK

File : TUV 2017\Data .#234

Page: 1

Prüfbericht - Nr.: **50094373 002**
Test Report No.

Seite 100 von 128
Page 100 of 128

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



Access to the World

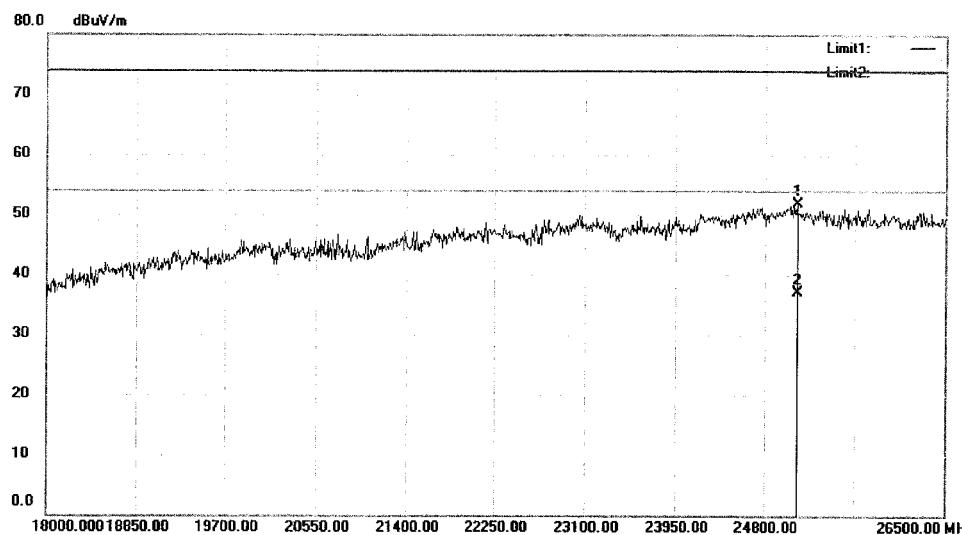
Radiated Emission Measurement

File : TUV 2017

Data #: 235

Date:

Time:



Site: 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT20 2462

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					Degree
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		25106.00	88.71	-36.88	51.83	74.00	-22.17	peak		
2	*	25106.00	74.08	-36.88	37.20	54.00	-16.80	AVG		

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

Operator: KK

File : TUV 2017\ Data #: 235

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 101 von 128
Page 101 of 128

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



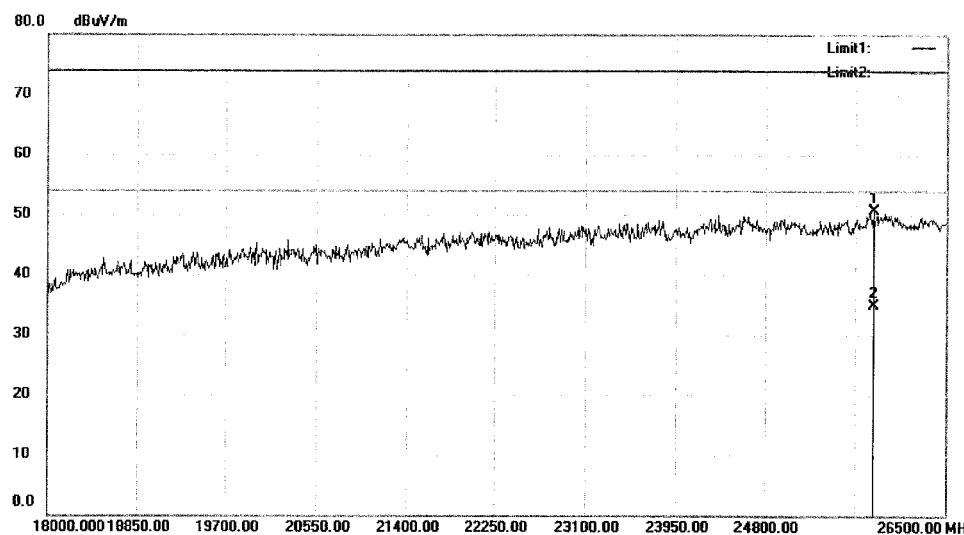
Radiated Emission Measurement

File : TUV 2017

Data #: 236

Date:

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT40 2422

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		25820.00	86.71	-36.01	50.70	74.00	-23.30	peak		
2	*	25820.00	70.91	-36.01	34.90	54.00	-19.10	AVG		

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

Operator: KK

File : TUV 2017\ Data #: 236

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

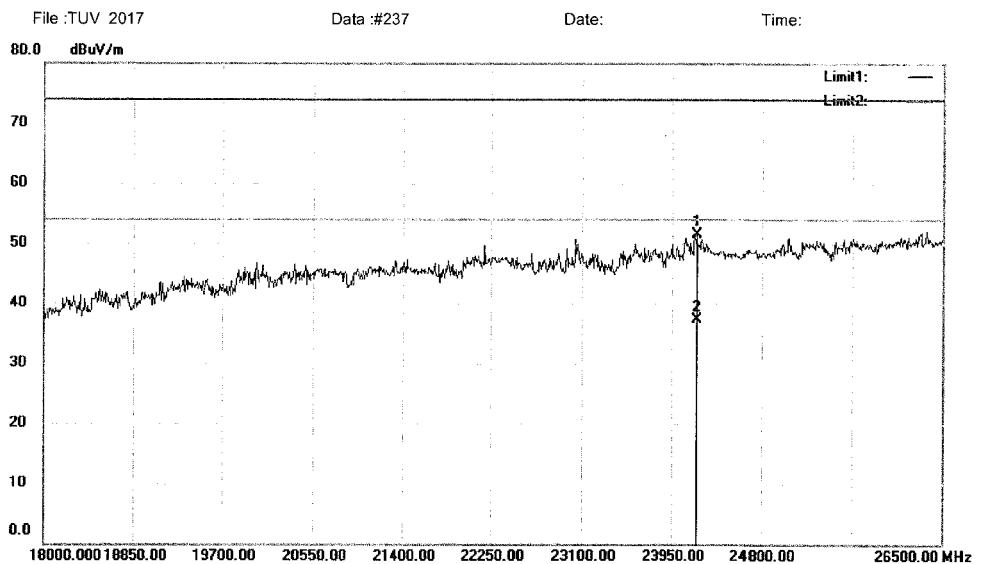
Seite 102 von 128
Page 102 of 128

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



Access to the World

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: Tablet PC
 M/N: NS-P11A8100
 Mode: 11nHT40 2422
 Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		24188.00	88.56	-37.11	51.45	74.00	-22.55	peak		
2 *		24188.00	74.41	-37.11	37.30	54.00	-16.70	AVG		

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

Operator: KK

File : TUV 2017\Data #: 237

Page: 1

Prüfbericht - Nr.: 50094373 002

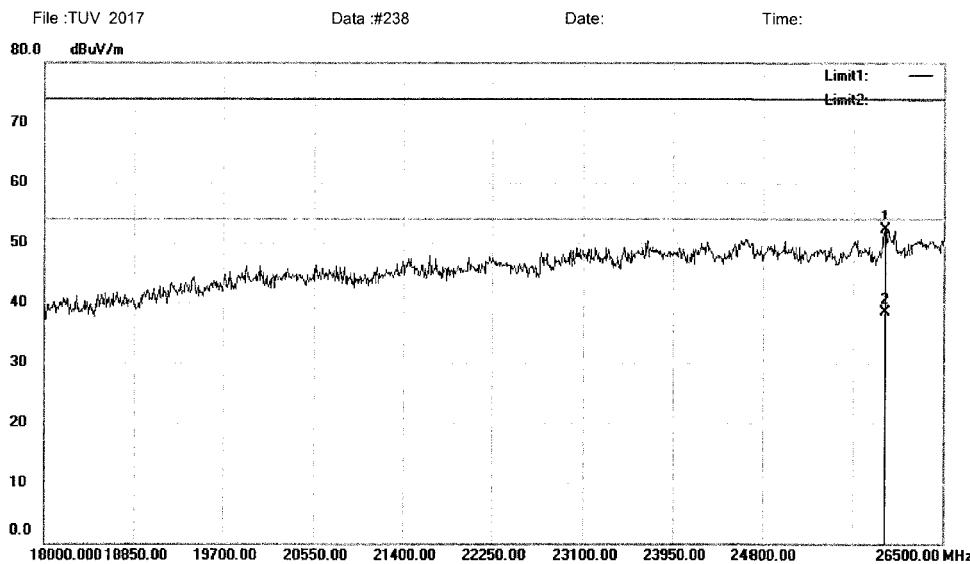
Test Report No.

Seite 103 von 128
Page 103 of 128

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: Tablet PC
 M/N: NS-P11A8100
 Mode: 11nHT40 2437
 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		25947.50	88.09	-35.85	52.24	74.00	-21.76	peak			
2	*	25947.50	74.35	-35.85	38.50	54.00	-15.50	AVG			

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

Operator: KK

File : TUV 2017\Data :#238

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 104 von 128
Page 104 of 128

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



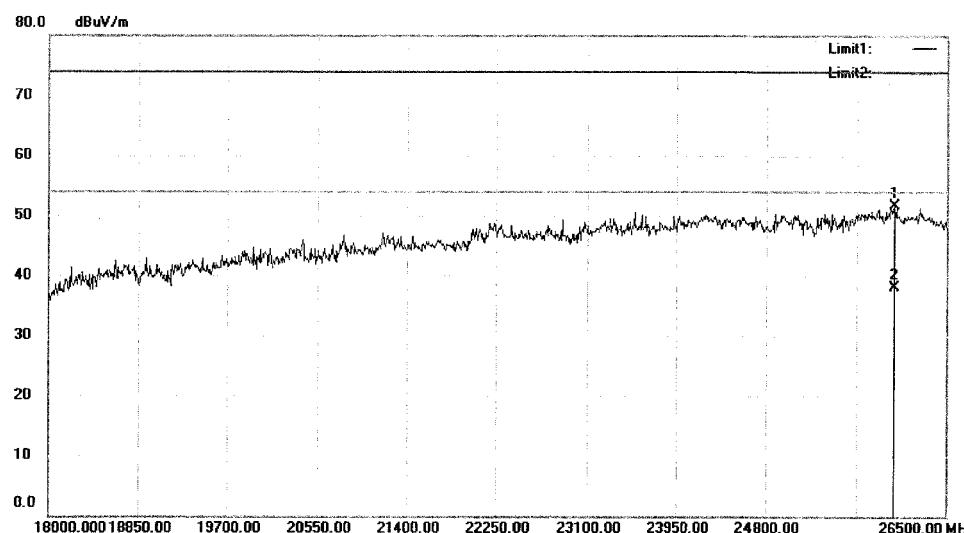
Radiated Emission Measurement

File : TUV 2017

Data #: 239

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT40 2437

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		26007.00	87.56	-35.78	51.78	74.00	-22.22	peak		
2	*	26007.00	73.98	-35.78	38.20	54.00	-15.80	AVG		

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

Operator: KK

File : TUV 2017\Data #: 239

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

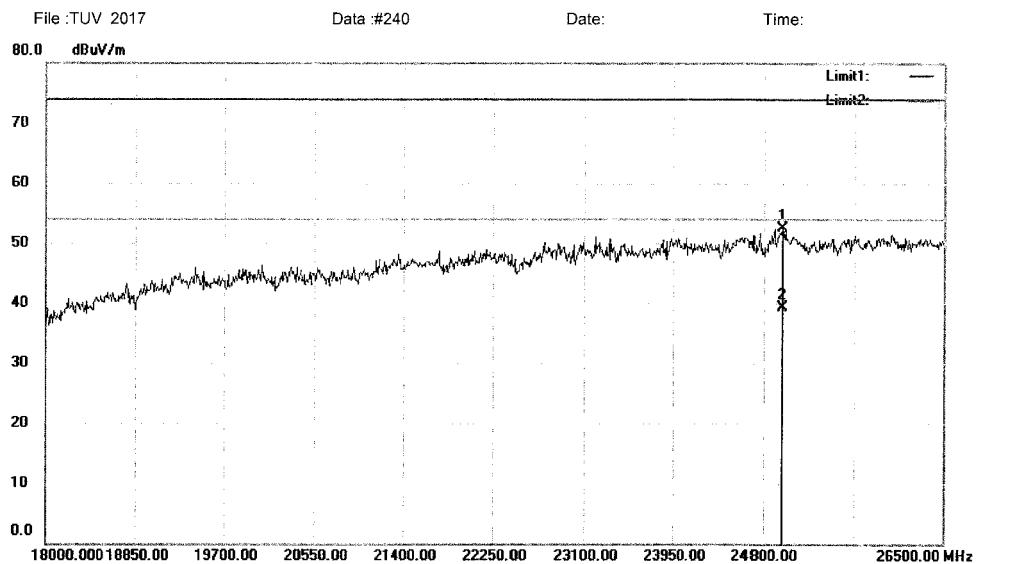
Seite 105 von 128
Page 105 of 128

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



Access to the World

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: Tablet PC
 M/N: NS-P11A8100
 Mode:11nHT40 2452
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		24978.50	89.61	-37.01	52.60	74.00	-21.40	peak		
2	*	24978.50	76.31	-37.01	39.30	54.00	-14.70	AVG		

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

Operator: KK

File : TUV_2017\Data .#240

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 106 von 128
Page 106 of 128

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



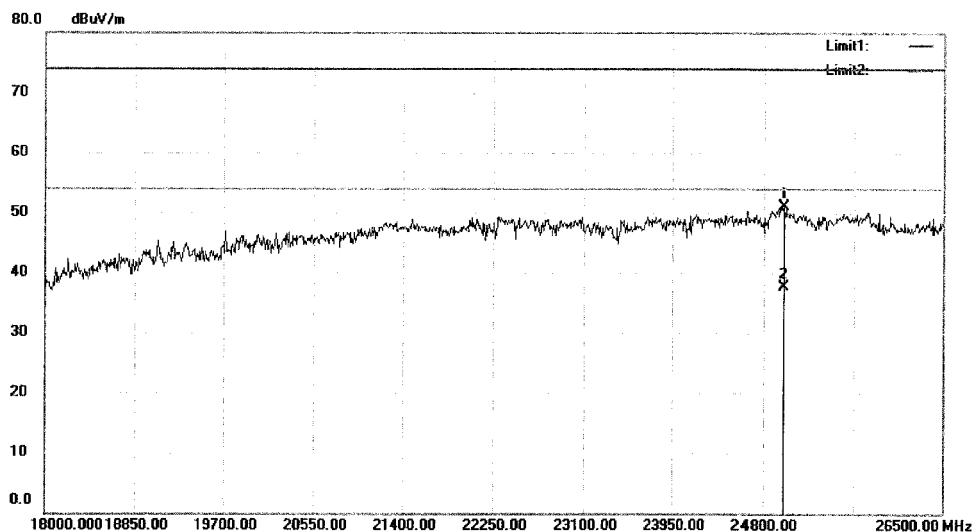
Radiated Emission Measurement

File : TUV 2017

Data #: 241

Date:

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT40 2452

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB	Over	Antenna Height cm	Table Degree	Comment
								Detector		
1		24987.00	88.17	-37.01	51.16	74.00	-22.84	peak		
2	*	24987.00	74.81	-37.01	37.80	54.00	-16.20	AVG		

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

Operator: KK

File : TUV 2017\Data #: 241

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 107 von 128
Page 107 of 128

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



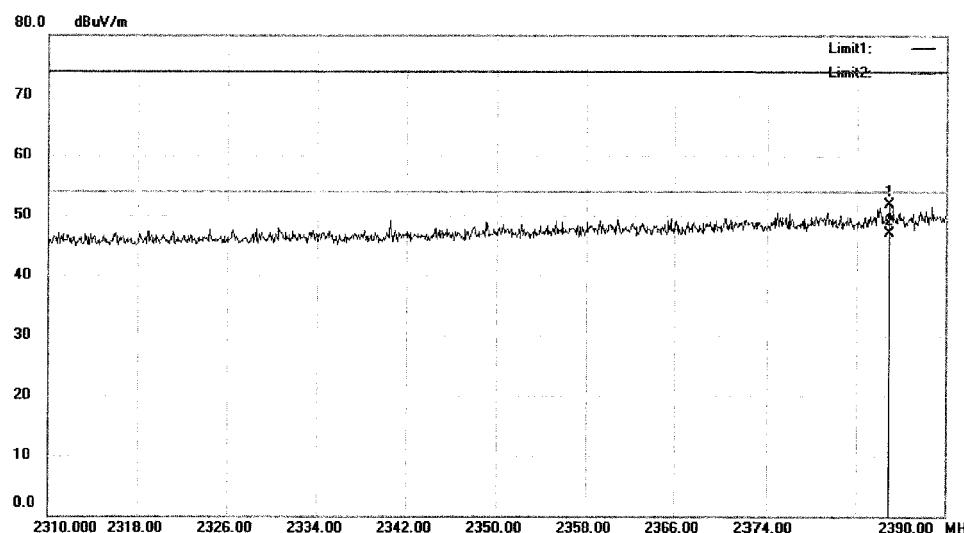
Radiated Emission Measurement

File : TUV(HUAKE)

Data .#4

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11b(2412MHz)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		2384.960	38.82	13.16	51.98	74.00	-22.02	peak		
2 *		2384.960	33.94	13.16	47.10	54.00	-6.90	AVG		

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

Operator: KK

File : TUV(HUAKE)\Data .#4

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 108 von 128
Page 108 of 128

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



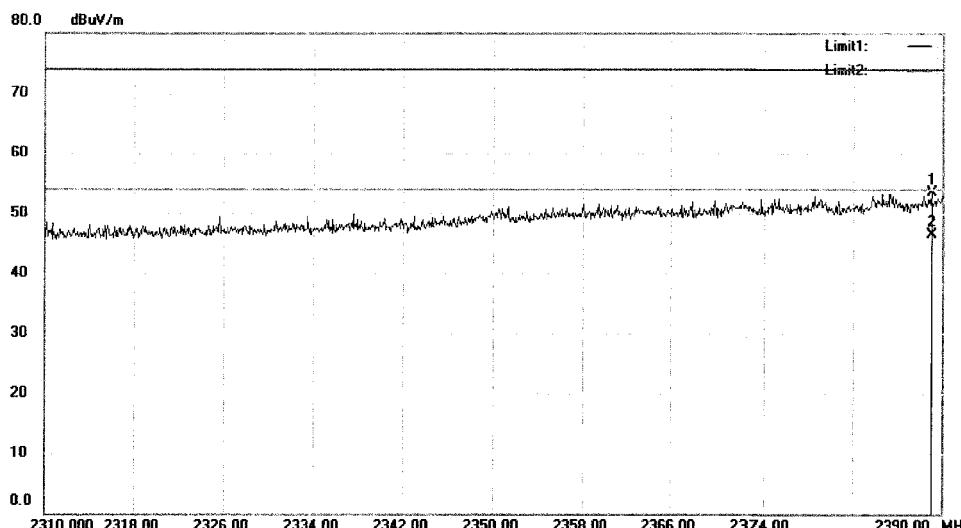
Radiated Emission Measurement

File : TUV(HUAKE)

Data #:3

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11b(2412MHz)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2389.040	40.26	13.20	53.46	74.00	-20.54	peak		
2	*	2389.040	33.30	13.20	46.50	54.00	-7.50	AVG		

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

Operator: KK

File : TUV(HUAKE)\Data .#3

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 109 von 128
Page 109 of 128

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



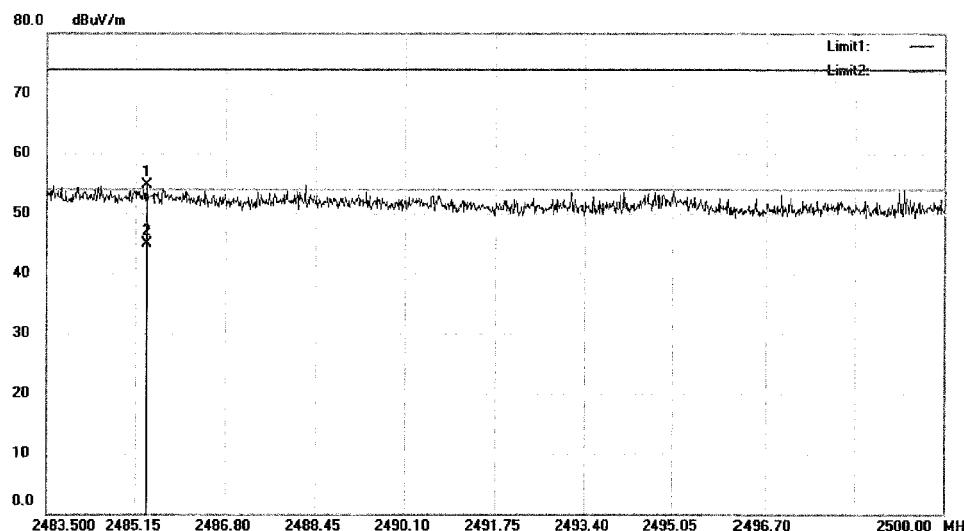
Radiated Emission Measurement

File :TUV(HUAKE)

Data #:6

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Horizontal

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11b(2462MHz)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		2485.348	40.73	13.92	54.65	74.00	-19.35	peak		
2	*	2485.348	30.98	13.92	44.90	54.00	-9.10	AVG		

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

Operator: KK

File :TUV(HUAKE)\Data #:6

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 110 von 128
Page 110 of 128

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



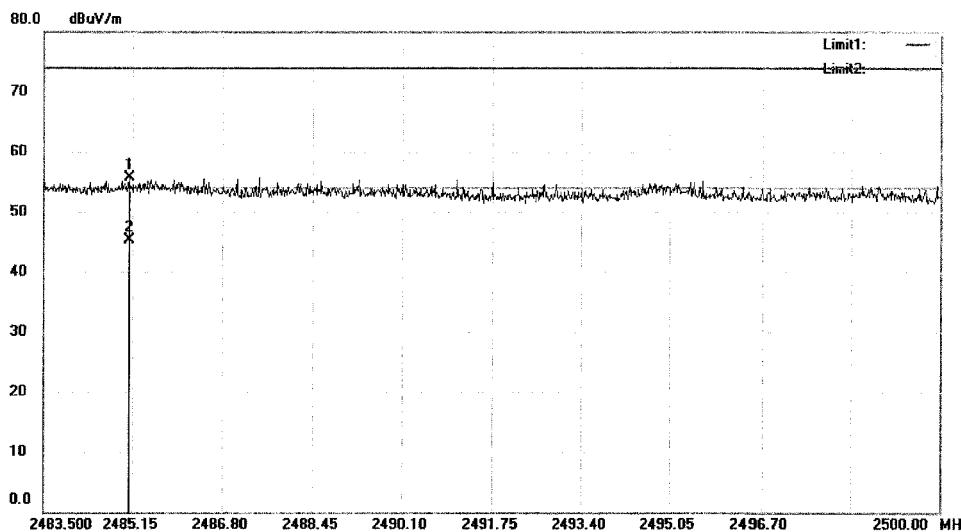
Radiated Emission Measurement

File : TUV(HUAKE)

Data #: 5

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: Vertical

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11b(2462MHz)

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
			Level	Factor	ment					Degree	
			MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1		2485.084	41.85	13.92	55.77	74.00	-18.23	peak			
2	*	2485.084	31.38	13.92	45.30	54.00	-8.70	AVG			

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

Operator: KK

File : TUV(HUAKE)\Data .#5

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 111 von 128
Page 111 of 128

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



Access to the World

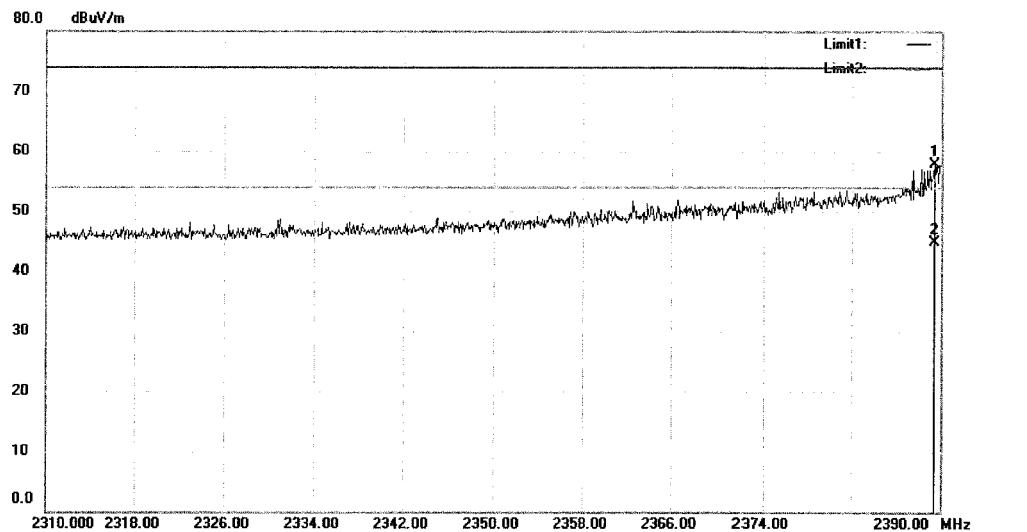
Radiated Emission Measurement

File :TUV(HUAKE)

Data #10

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11g(2412MHz)

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2389.360	44.79	13.19	57.98	74.00	-16.02	peak		
2	*	2389.360	31.71	13.19	44.90	54.00	-9.10	AVG		

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

Operator: KK

File :TUV(HUAKE)\Data #10

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 112 von 128
Page 112 of 128

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



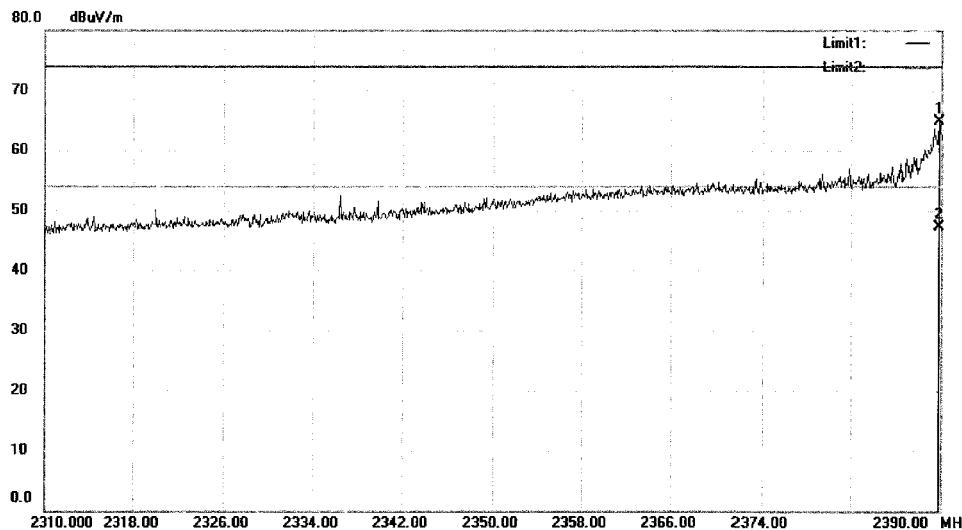
Radiated Emission Measurement

File : TUV(HUAKE)

Data #9

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11g(2412MHz)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2389.840	51.65	13.20	64.85	74.00	-9.15	peak		
2	*	2389.840	34.10	13.20	47.30	54.00	-6.70	AVG		

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

Operator: KK

File : TUV(HUAKE)\Data .#9

Page: 1

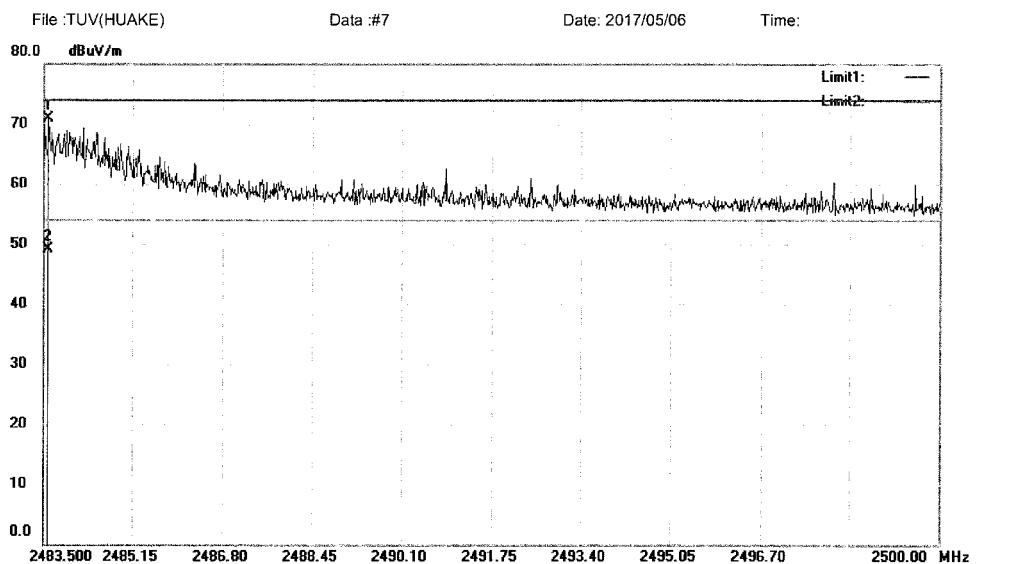
Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 113 von 128
Page 113 of 128

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: Tablet PC
 M/N: NS-P11A8100
 Mode:11g(2462MHz)
 Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
			Level	Factor	ment						
			MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2483.582	57.06	13.91	70.97	74.00	-3.03	peak			
2		2483.582	35.29	13.91	49.20	54.00	-4.80	AVG			

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

Operator: KK

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 114 von 128
Page 114 of 128

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



Access to the World

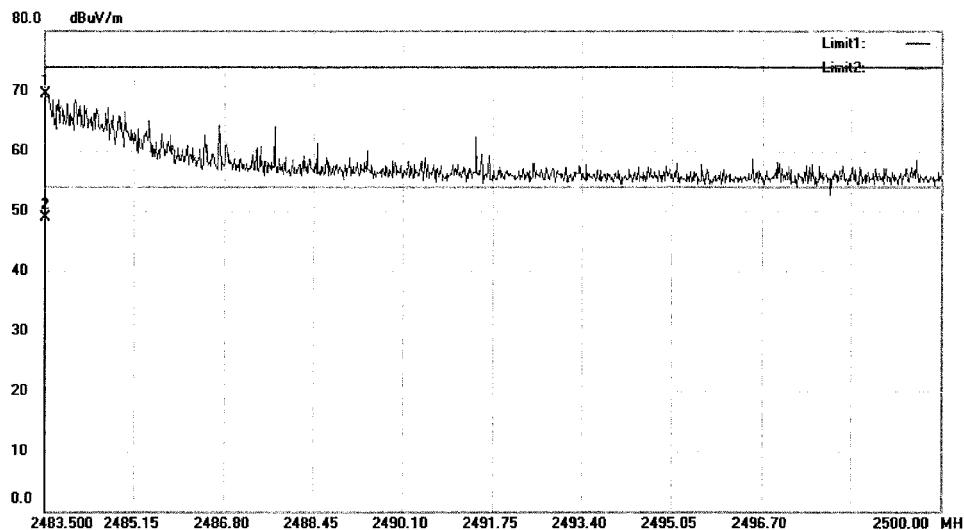
Radiated Emission Measurement

File :TUV(HUAKE)

Data #8

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11g(2462MHz)

Note:

Polarization: Vertical

Temperature: 24 C

Power: AC 120V/60Hz

Humidity: 53 %

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
			Level	Factor	ment			Height	Degree		
			MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2483.517	55.66	13.91	69.57	74.00	-4.43	peak			
2		2483.517	34.99	13.91	48.90	54.00	-5.10	AVG			

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

Operator: KK

File :TUV(HUAKE)\Data .#8

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 115 von 128
Page 115 of 128

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



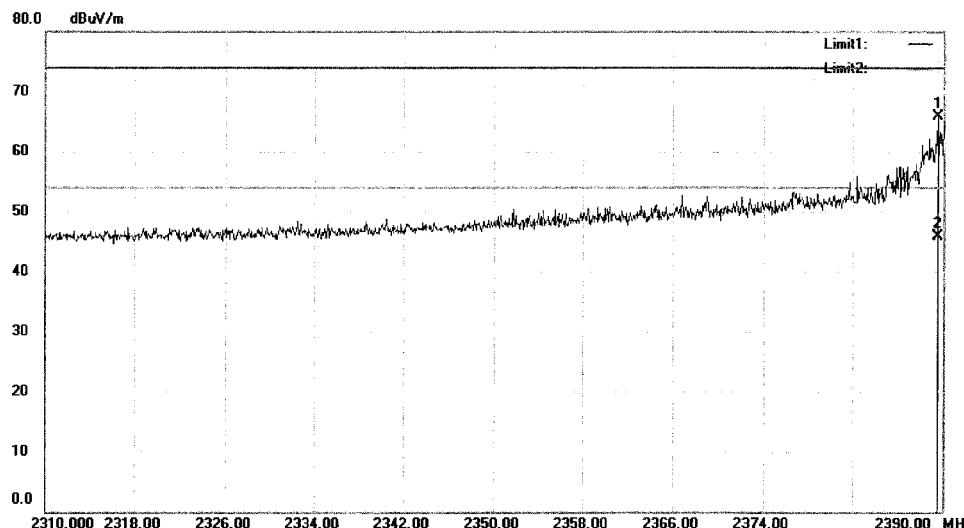
Radiated Emission Measurement

File : TUV(HUAKE)

Data #11

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT20(2412MHz)

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
			Level	Factor	ment						
			MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2389.520	52.76	13.20	65.96	74.00	-8.04	peak			
2		2389.520	32.70	13.20	45.90	54.00	-8.10	AVG			

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

Operator: KK

File : TUV(HUAKE)\Data #11

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 116 von 128
Page 116 of 128

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



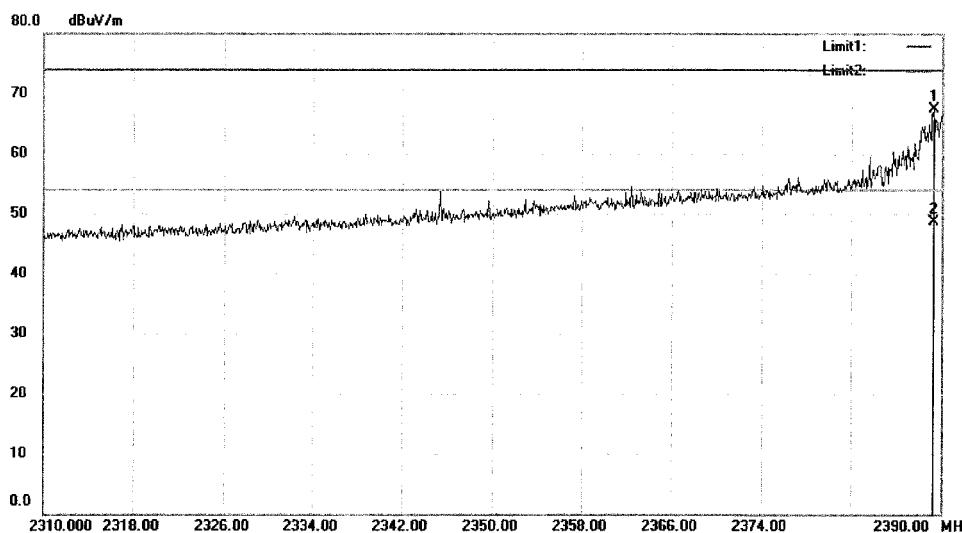
Radiated Emission Measurement

File :TUV(HUAKE)

Data #12

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT20(2412MHz)

Note:

Polarization: Vertical

Temperature: 24 C

Power: AC 120V/60Hz

Humidity: 53 %

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		2389.280	54.22	13.20	67.42	74.00	-6.58	peak			
2	*	2389.280	35.50	13.20	48.70	54.00	-5.30	AVG			

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

Operator: KK

File :TUV(HUAKE)\Data #12

Page: 1

Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 117 von 128
Page 117 of 128

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



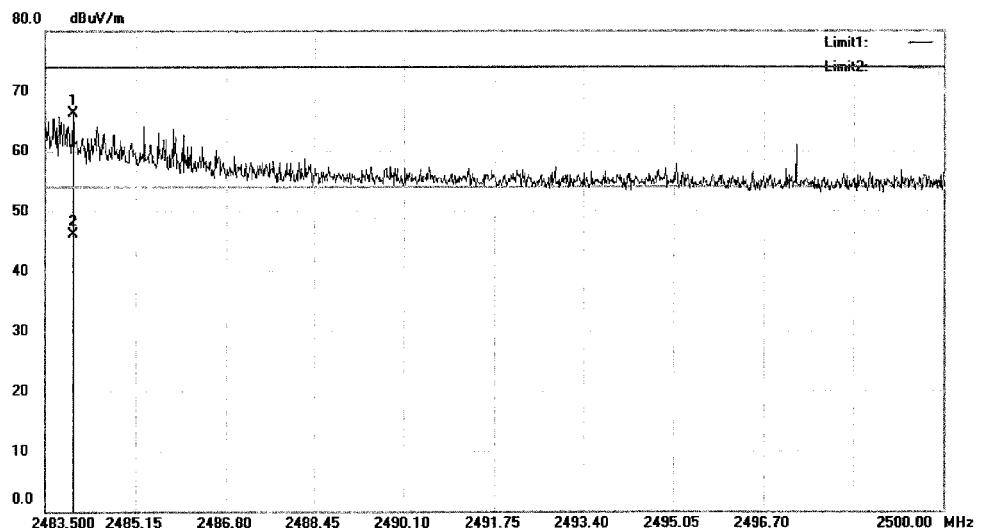
Radiated Emission Measurement

File : TUV(HUAKE)

Data #13

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT20(2462MHz)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2484.012	52.39	13.91	66.30	74.00	-7.70	peak		
2		2484.012	32.29	13.91	46.20	54.00	-7.80	AVG		

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

Operator: KK

File : TUV(HUAKE)\Data :\#13

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 118 von 128
 Page 118 of 128

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



Access to the World

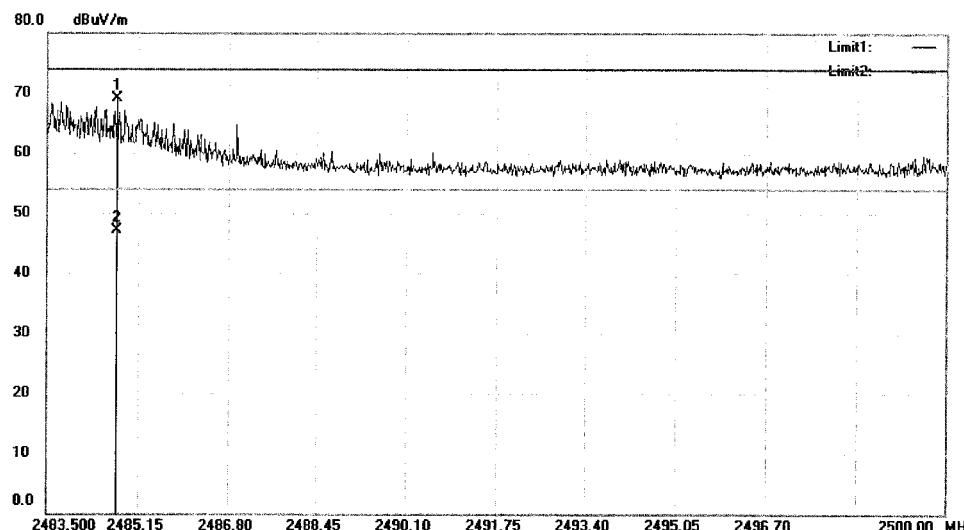
Radiated Emission Measurement

File : TUV(HUAKE)

Data #:14

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT20(2462MHz)

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	*	2484.771	55.15	13.92	69.07	74.00	-4.93	peak			
2		2484.771	33.18	13.92	47.10	54.00	-6.90	AVG			

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

Operator: KK

File : TUV(HUAKE)\Data #:14

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 119 von 128
Page 119 of 128

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



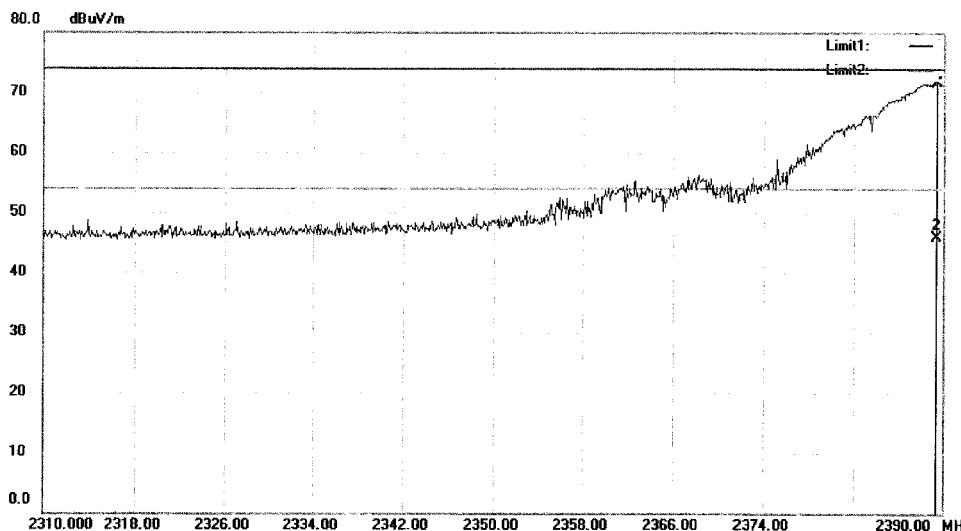
Radiated Emission Measurement

File :TUV(HUAKE)

Data #:15

Date: 2017/05/06

Time:



Site 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT40(2422MHz)

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	*	2389.440	58.49	13.20	71.69	74.00	-2.31	peak			
2		2389.440	32.70	13.20	45.90	54.00	-8.10	AVG			

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

Operator: KK

File :TUV(HUAKE)\Data #:15

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 120 von 128
Page 120 of 128

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



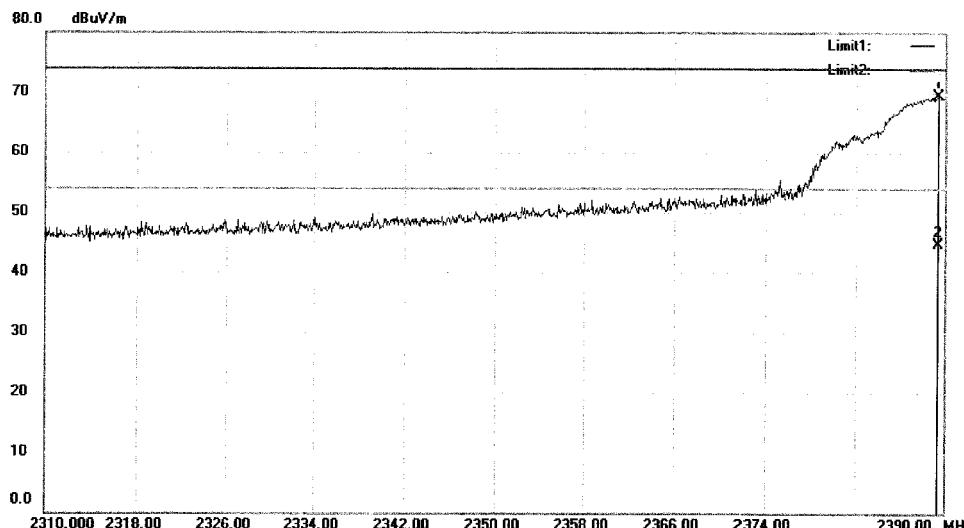
Radiated Emission Measurement

File :TUV(HUAKE)

Data #:16

Date: 2017/05/06

Time:



Site 3m Chamber #3

Limit: (RE)FCC PART 15 C

EUT: Tablet PC

M/N: NS-P11A8100

Mode:11nHT40(2422MHz)

Note:

Polarization: Vertical

Temperature: 24 C

Power: AC 120V/60Hz

Humidity: 53 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2389.360	56.27	13.19	69.46	74.00	-4.54	peak		
2		2389.360	31.57	13.19	44.76	54.00	-9.24	AVG		

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

Operator: KK

File :TUV(HUAKE)\Data #:16

Page: 1

Prüfbericht - Nr.: 50094373 002

Test Report No.

Seite 121 von 128
Page 121 of 128

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



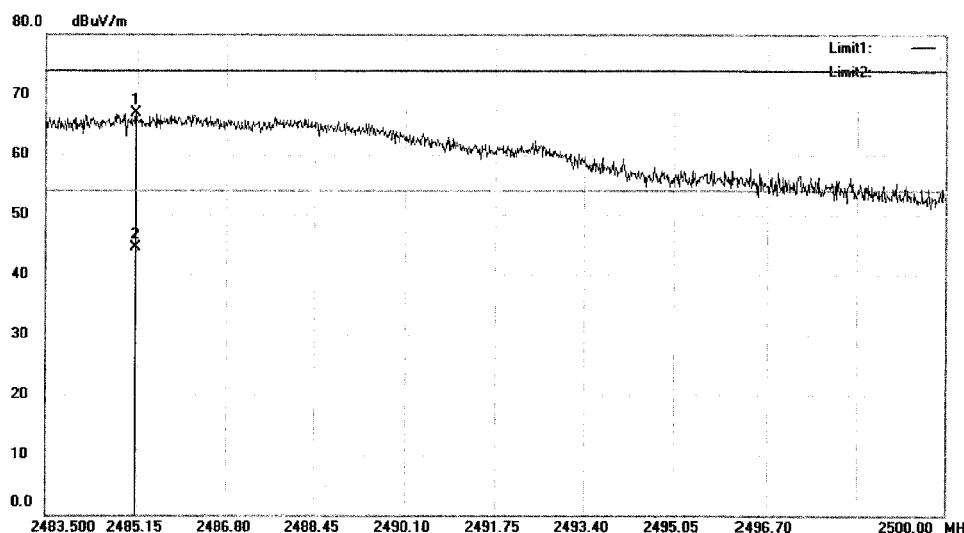
Radiated Emission Measurement

File : TUV(HUAKE)

Data #18

Date: 2017/05/06

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: 11nHT40(2452MHz)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2485.117	52.89	13.92	66.81	74.00	-7.19	peak		
2		2485.117	30.68	13.92	44.60	54.00	-9.40	AVG		

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

Operator: KK

File : TUV(HUAKE)\Data #18

Page: 1

Prüfbericht - Nr.: 50094373 002

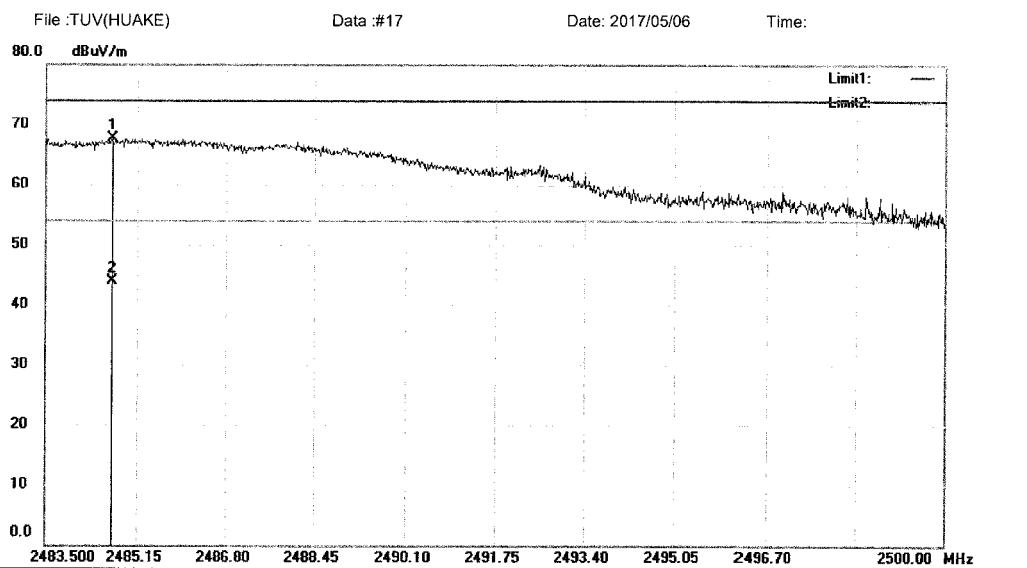
Test Report No.

Seite 122 von 128
Page 122 of 128

Shenzhen EMTEK Co.,Ltd.
Bldg. 69, Majiaolong 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: Tablet PC
M/N: NS-P11A8100
Mode:11nHT40(2452MHz)
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	*	2484.688	53.70	13.92	67.62	74.00	-6.38	peak			
2		2484.688	29.98	13.92	43.90	54.00	-10.10	AVG			

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

Operator: KK

File : TUV(HUAKE)\Data #:17

Page: 1

Prüfbericht - Nr.: 50094373 002
*Test Report No.*Seite 123 von 128
Page 123 of 128**5.1.7 Conducted emissions****RESULT:****Pass**

Date of testing	:	2017-06-14
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.

Prüfbericht - Nr.: 50094373 002
Test Report No.

Seite 124 von 128
Page 124 of 128

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



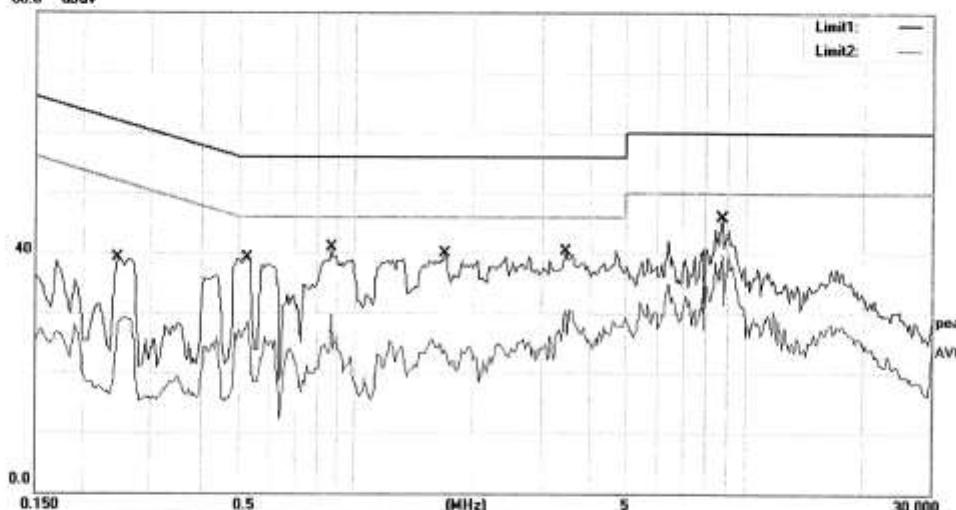
Conducted Emission Measurement

File:TUV
80.0 dBuV

Data #:2745

Date: 2017/06/14

Time:



Site Conduction #1

Limit: (CE)FCC PART 15 class B_QP

Phase: L1

Temperature: 22

EUT: Tablet PC

Power: AC 120V/60Hz

Humidity: 55 %

M/N: NS-P11A8100

Mode: WIFI+BT ON

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dB	Over	
							Detector	Comment
1	0.2450	39.13	0.00	39.13	61.92	-22.79	QP	
2	0.2450	29.12	0.00	29.12	51.92	-22.80	AVG	
3	0.5250	39.18	0.00	39.18	56.00	-16.82	QP	
4	0.5250	28.49	0.00	28.49	46.00	-17.51	AVG	
5	0.8700	40.96	0.00	40.96	56.00	-15.04	QP	
6	0.8700	29.63	0.00	29.63	46.00	-16.37	AVG	
7	1.7000	39.98	0.00	39.98	56.00	-16.02	QP	
8	1.7000	25.52	0.00	25.52	46.00	-20.48	AVG	
9	3.4450	40.26	0.00	40.26	56.00	-15.74	QP	
10	3.4450	30.53	0.00	30.53	46.00	-15.47	AVG	
11	8.7500	45.86	0.00	45.86	60.00	-14.14	QP	
12 *	8.7500	39.98	0.00	39.98	50.00	-10.02	AVG	

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

File : TUVData #2745

Page: 1

Prüfbericht - Nr.: 50094373 002
Test Report No.
Seite 125 von 128
Page 125 of 128

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


Access to the World
Conducted Emission Measurement

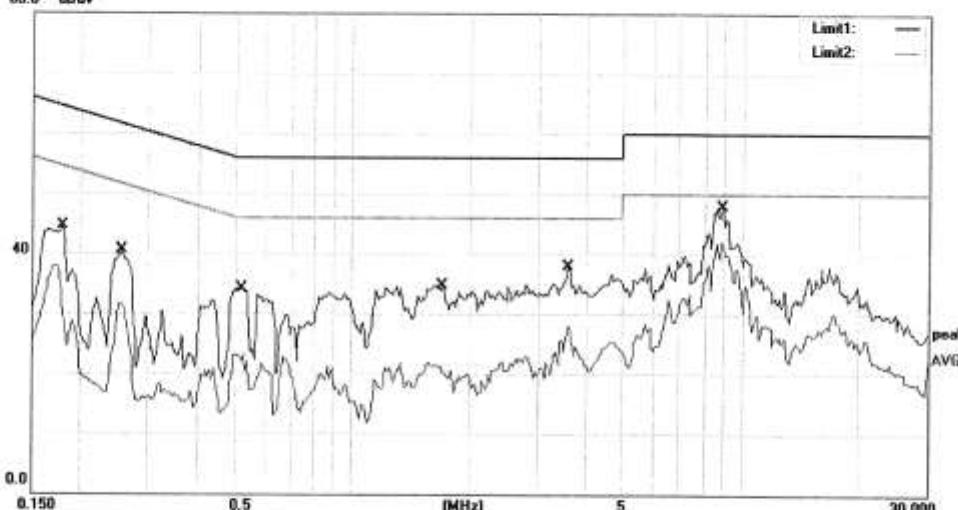
File : TUV

Data #2746

Date: 2017/06/14

Time:

80.0 dBuV



Site Conduction #1

Phase: N

Temperature: 22

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Tablet PC

M/N: NS-P11A8100

Mode: WIFI+BT ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
							MHz	dBuV	dB
1		0.1800	44.50	0.00	44.50	64.49	-19.99	QP	
2		0.1800	37.99	0.00	37.99	54.49	-16.50	AVG	
3		0.2550	40.47	0.00	40.47	61.59	-21.12	QP	
4		0.2550	31.55	0.00	31.55	51.59	-20.04	AVG	
5		0.5200	34.12	0.00	34.12	56.00	-21.88	QP	
6		0.5200	23.26	0.00	23.26	46.00	-22.74	AVG	
7		1.7000	34.69	0.00	34.69	56.00	-21.31	QP	
8		1.7000	21.86	0.00	21.86	46.00	-24.14	AVG	
9		3.5800	37.97	0.00	37.97	56.00	-18.03	QP	
10		3.5800	28.00	0.00	28.00	46.00	-18.00	AVG	
11		8.8800	47.81	0.00	47.81	60.00	-12.19	QP	
12 *		8.8800	42.09	0.00	42.09	50.00	-7.91	AVG	

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

File : TUV/ Data #2746

Page: 1

7. List of Tables

Table 1: List of Test and Measurement Equipment.....	5
Table 2: Measurement Uncertainty	6
Table 3: Technical Specification of EUT	8
Table 4: Technical Specification of Wi-Fi	8
Table 5: Carrier Frequency	9
Table 6: Test result of Peak Output Power of 802.11b.....	14
Table 7: Test result of Peak Output Power of 802.11g.....	14
Table 8: Test result of Peak Output Power of 802.11n (HT20).....	14
Table 9: Test result of Peak Output Power of 802.11n (HT40).....	14
Table 10: Test result of 6dB Bandwidth and 99% Bandwidth of 802.11b	15
Table 11: Test result of 6dB Bandwidth and 99% Bandwidth of 802.11g	15
Table 12: Test result of 6dB Bandwidth and 99% Bandwidth of 802.11n (HT20)	15
Table 13: Test result of 6dB Bandwidth and 99% Bandwidth of 802.11n (HT40)	15
Table 14: Test result of power spectral density:	33

8. List of Photographs

Photograph 1: Set-up for Spurious Emissions for 30 - 1000MHz	126
Photograph 2: Set-up for Spurious Emissions for 1 - 18GHz	126
Photograph 3: Set-up for Spurious Emissions for 18 - 26.5GHz.....	127