

<b>Prüfbericht-Nr.:</b> <i>Test Report No.:</i>	<b>Auftrags-Nr.:</b> 164033146		Seite 1 von 226 Page 1 of 226
<b>Kunden-Referenz-Nr.:</b> <i>Client Reference No.:</i>	<b>Auftragsdatum:</b> 30.03.2015 <i>Order date:</i>		
<b>Auftraggeber:</b> <i>Client:</i>	Lightcomm Technology Co., Ltd. RM1708-10, 17/F, PROSPERITY CENTRE, 25 CHONG YIP STREET, KWUN TONG, HONG KONG		
<b>Prüfgegenstand:</b> <i>Test item:</i>	8" Wi-Fi Android™ Tablet		
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type No.:</i>	NS-P16AT08, MID8005-L		
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	FCC/IC Certification		
<b>Prüfgrundlage:</b> <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-210 Issue 8 December 2010 RSS-Gen Issue 4 November 2014		
<b>Wareneingangsdatum:</b> <i>Date of receipt:</i>	15.04.2015		
<b>Prüfmuster-Nr.:</b> <i>Test sample No.:</i>	1500842, 1500843, 1500844		
<b>Prüfzeitraum:</b> <i>Testing period:</i>	18.04.2015 - 16.05.2015		
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	Accurate Technology Co., Ltd.		
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.		
<b>Prüfergebnis*:</b> <i>Test result*:</i>	Pass		
<b>geprüft von / tested by:</b>  26.05.2015 Owen Tian/Senior Project Manager Datum Name / Stellung Date Name / Position		<b>kontrolliert von / reviewed by:</b>  26.05.2015 Winnie Hou/Technical Certicier Datum Name / Stellung Date Name / Position	
<b>Sonstiges / Other:</b>			
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>	
<p>* Legende: 1 = sehr gut      2 = gut      3 = befriedigend      4 = ausreichend      5 = mangelhaft      P(ass) = entspricht o.g. Prüfgrundlage(n)      F(all) = entspricht nicht o.g. Prüfgrundlage(n)      N/A = nicht anwendbar      N/T = nicht getestet</p> <p>Legend: 1 = very good      2 = good      3 = satisfactory      4 = sufficient      5 = poor      P(ass) = passed a.m. test specification(s)      F(all) = failed a.m. test specification(s)      N/A = not applicable      N/T = not tested</p>			
<p>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugswise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.      This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</p>			

## 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

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## 1. General Remarks

### 1.1 Complementary Materials

None.

## 2. Test Sites

### 2.1 Test Facilities

Accurate Technology Co., Ltd.

(FCC Registration No.: 752051)  
(Test site Industry Canada No.: 5077A-2)

F1, Bldg. A, Changyuan New Material Port  
Keyuan Rd., Science & Industry Park, Nanshan  
Shenzhen, P.R. China

The tests at the test site have been conducted under the supervision of a TÜV engineer.

## 2.2 List of Test and Measurement Instruments

**Table 1: List of Test and Measurement Equipment**

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
<b>Transmitter spurious emissions &amp; Receiver spurious emissions</b>				
Spectrum Analyzer	Rohde & Schwarz	FSV40	101495	2016-01-09
Test Receiver	Rohde & Schwarz	ESCS30	100307	2016-01-09
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2016-01-14
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2016-01-14
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2016-01-14
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2016-01-14
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	2016-01-09
Pre-Amplifier	Rohde&Schwarz	CBLU11835 40-01	3791	2016-01-09
50 Coaxial Switch	Anritsu Corp	MP59B	620050647 4	2016-01-09
RF Coaxial Cable	SUHNER	N-3m	No.8	2016-01-09
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2016-01-09
RF Coaxial Cable	SUHNER	N-6m	No.10	2016-01-09
RF Coaxial Cable	RESENBERGER	N-12m	No.11	2016-01-09
RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	2016-01-09
<b>Radio Spectrum Test</b>				
Spectrum Analyzer	Rohde & Schwarz	FSV40	101495	2016-01-09
Vector Signal Generator	Rohde & Schwarz	SMBV100A	260434	2016-01-09
Signal Generator	Rohde & Schwarz	SMB100A	108362	2016-01-09
Open Switch and Control Unit	Rohde & Schwarz	OSP120 + OSP-B157	101244 + 100866	2016-01-09
<b>Conducted Emission</b>				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2016-01-09
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2016-01-09
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2016-01-09
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2016-01-09
Voltage Probe	Schwarzbeck	TK9416	N/A	2016-01-09
RF Current Probe	Rohde & Schwarz	EZ-17	100048	2016-01-09
8-Wire Impedance Stabilisation Network	Schwarzbeck	CAT5 8158	8158-0035	2016-01-09
RF Coaxial Cable	Suhner	N-2m	No.2	2016-01-09
RF Coaxial Cable	Suhner	N-2m	No.3	2016-01-09
RF Coaxial Cable	Suhner	N-2m	No.14	2016-01-09

## 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 Spectrum	< ± 0.60 dB
Radiated emission of transmitter, valid up to 26.5 GHz	< ± 4.42 dB
Conducted Emission	< ± 2.23 dB
Radiated Emission	< ± 4.42 dB

## 2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

## 2.7 Status of Facility Used for Testing

Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, 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 8" tablet with Wi-Fi, Bluetooth & GPS function.  
 Two models are identical except the model name.  
 For details refer to the User Manual and Circuit Diagram.

#### 3.2 Ratings and System Details

**Table 3: Technical Specification of EUT**

Technical Specification	Value
Kind of Equipment	8" Wi-Fi Android™ Tablet
Type Designation	NS-P16AT08, MID8005-L
FCC ID	XMF-MID8005
IC	20064-MID8005
Operating Frequency band	2412 – 2462MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)
Antenna Gain	1.4dBi

**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 ~ 2472	2412 ~ 2472	2412 ~ 2472	2422 ~ 2452
Channel Number	13	13	13	9
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)	14	13	12	12
Media Access Protocol	CSMA/CA with ACK	CSMA/CA with ACK	CSMA/CA with ACK	CSMA/CA with ACK

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*Test Report No.*Seite 8 von 226  
Page 8 of 226**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 C63.4: 2003 for FCC.

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2014 & ANSI C63.10: 2013 for IC.

According to clause 3.1, all tests were applied on model NS-P16AT08 only.

### 4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	Rating
Notebook PC	Lenovo	ThinkPad X240	N/A
AC/DC Adapter	TEKA	TEKA012-0502000UK	Input: AC 100-240V, 50/60Hz, 0.35A Output: DC 5V, 2A

The EUT was tested with following cables:

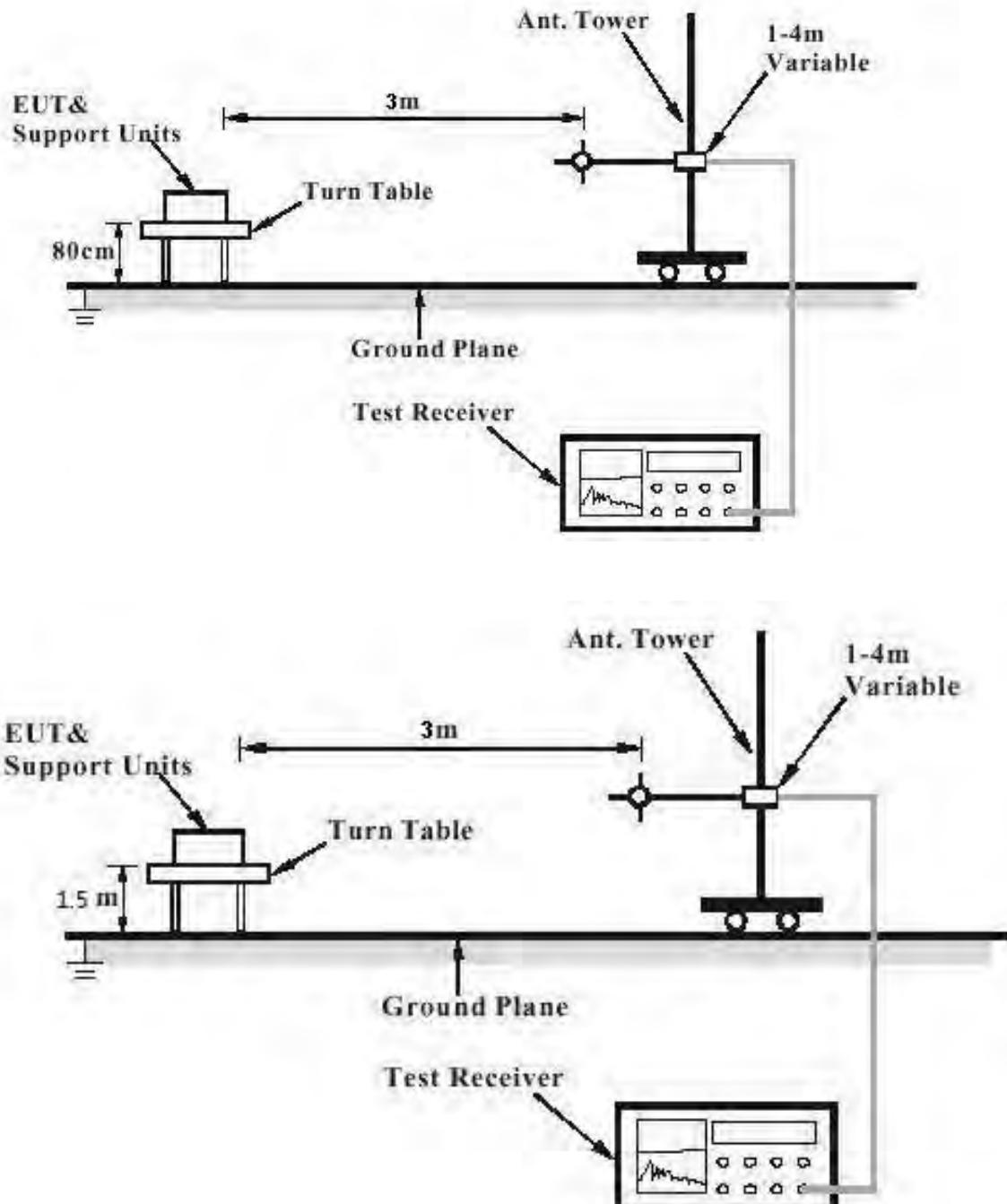
Interface(s)/Port(s):	Max. cable length, shielding	Cable classification
AC Mains of adapter	2 cores, non-shielded port, 3m	AC Power Input
Micro USB port	4 cores, non-shielded port, 3m	DC Power Input

### 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

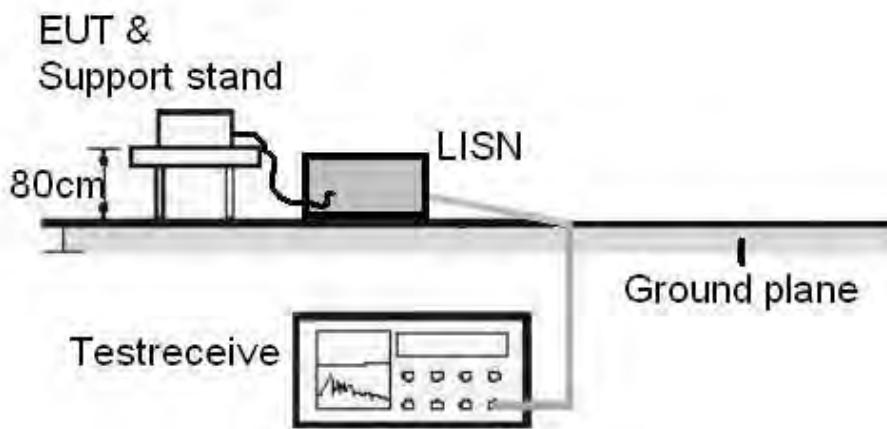
Diagram of Measurement Configuration for Radiation Test



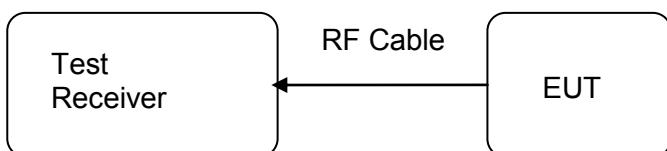
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**Diagram of Measurement Equipment Configuration for Conduction Measurement**



**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 6.7
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 1.4dBi, 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.

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### 5.1.2 Peak Output Power

#### RESULT:

Pass

Test date	:	2015-05-14
Test standard	:	FCC Part 15.247(b)(3) RSS-210 A8.4(4)
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 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	:	25°C
Relative humidity	:	52%
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	13.9	30
Middle Channel	2437	13.9	30
High Channel	2462	13.8	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	12.3	30
Middle Channel	2437	12.3	30
High Channel	2462	12.1	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	11.8	30
Middle Channel	2437	11.7	30
High Channel	2462	11.8	30

**Prüfbericht - Nr.: 17048716 002**  
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Page 14 of 226**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	11.4	30
Middle Channel	2437	11.4	30
High Channel	2452	11.4	30

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### 5.1.3 6dB Bandwidth and 99% Bandwidth

**RESULT:**
**Pass**

Date of testing	:	2015-05-14
Test standard	:	FCC Part 15.247(a)(2) RSS-210 A8.2(a)
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 ANSI C63.10: 2013
Kind of test site	:	Clause 8 of KDB 558074 v03r01 Shielded room

**Test setup**

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

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

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2412	10.159	14.153
Mid Channel	2437	10.159	14.197
High Channel	2462	10.159	14.110

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

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2412	16.498	16.541
Mid Channel	2437	16.498	16.498
High Channel	2462	16.454	16.541

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

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2412	17.713	17.670
Mid Channel	2437	17.670	17.670
High Channel	2462	17.627	17.670

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

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2422	36.382	36.035
Mid Channel	2437	36.122	36.035
High Channel	2452	36.208	36.035

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### 5.1.4 Conducted Spurious Emissions measured in 100kHz Bandwidth

#### RESULT:

Pass

Date of testing	:	2015-05-15
Test standard	:	FCC part 15.247(d) RSS-210 A8.5
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 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

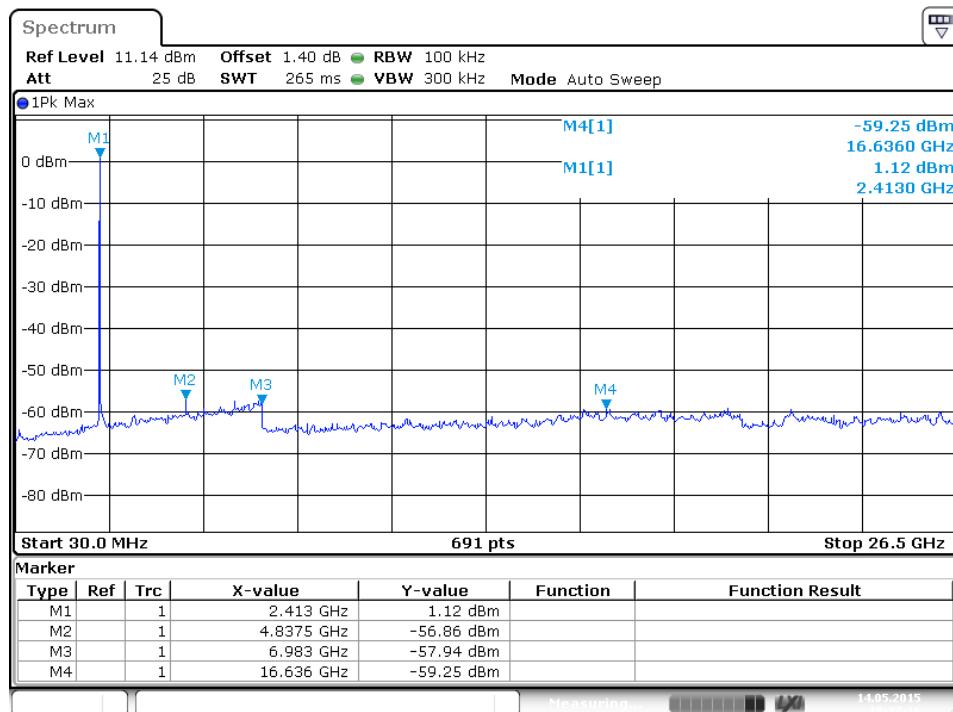
Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

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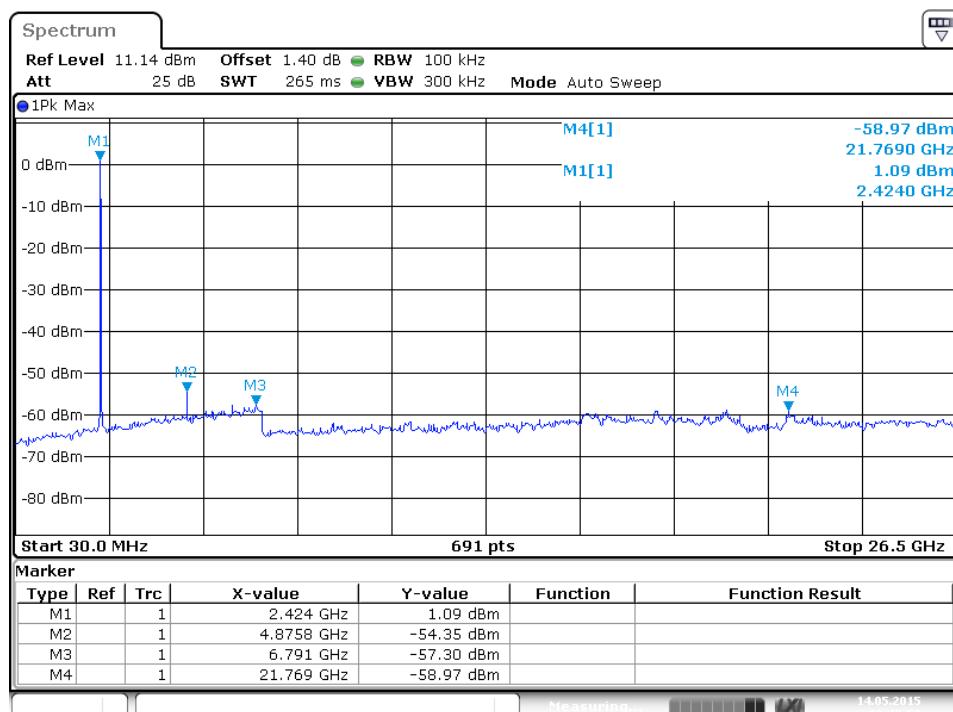
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**Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11b Low Channel**



Date: 14.MAY.2015 18:37:16

**Middle Channel**



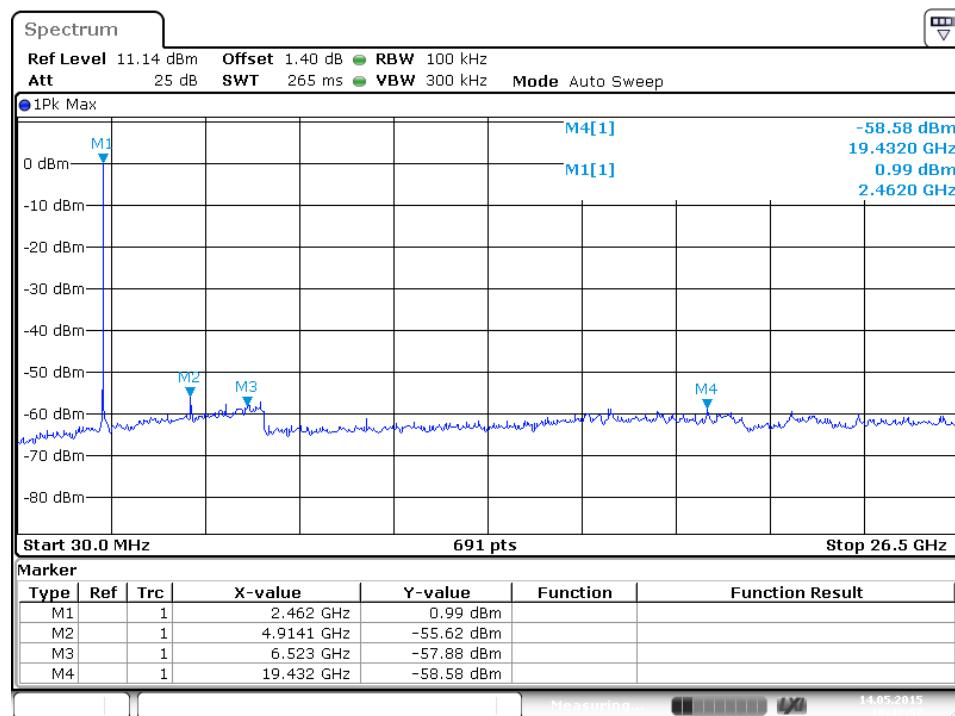
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## High Channel

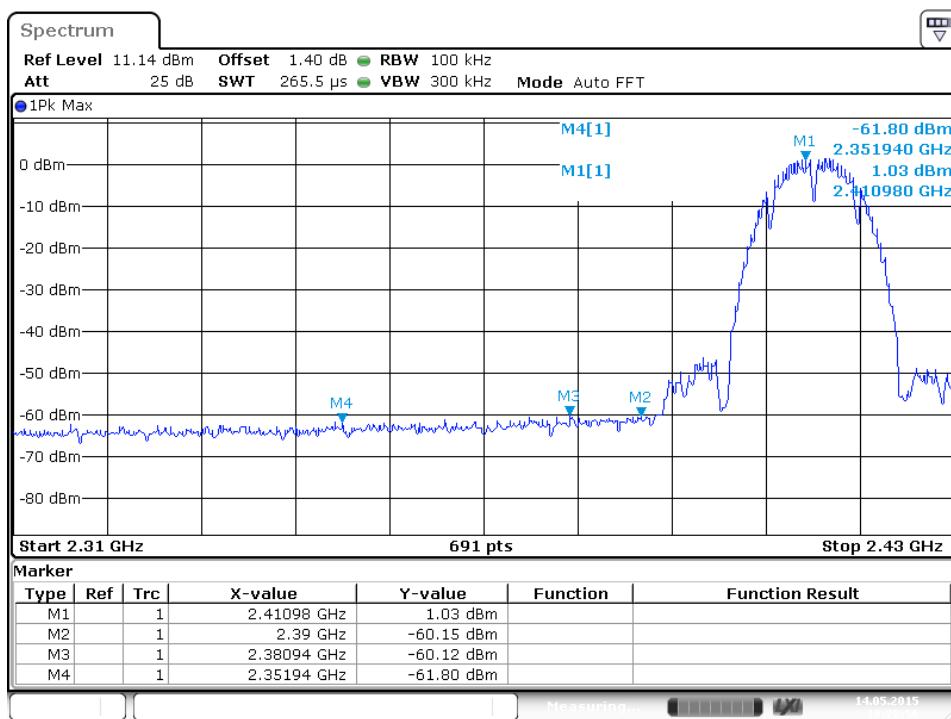


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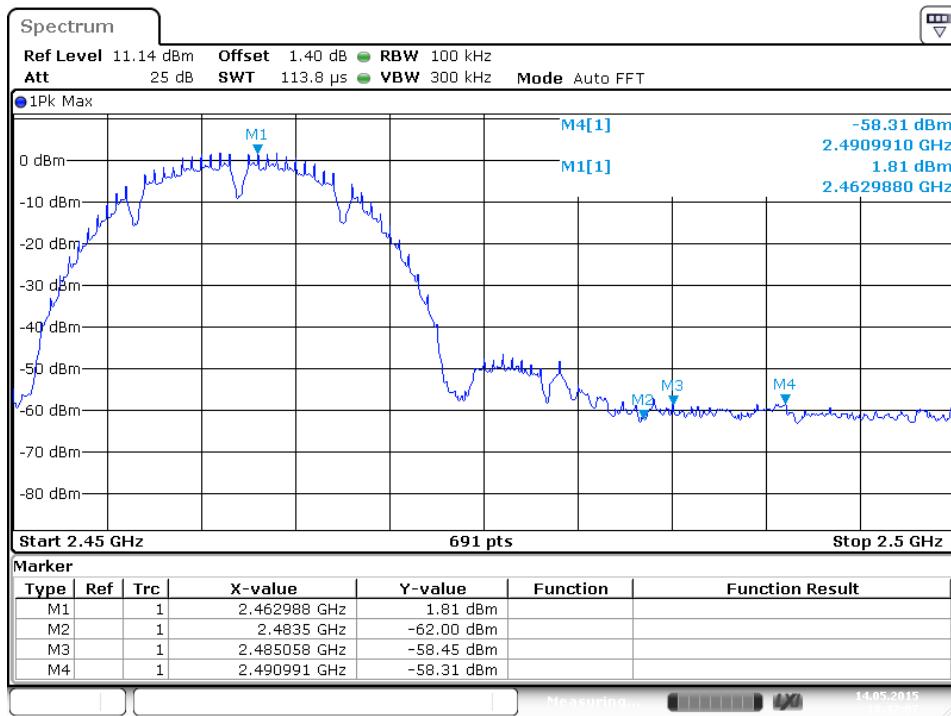
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## Band Edge



Date: 14.MAY.2015 18:28:56

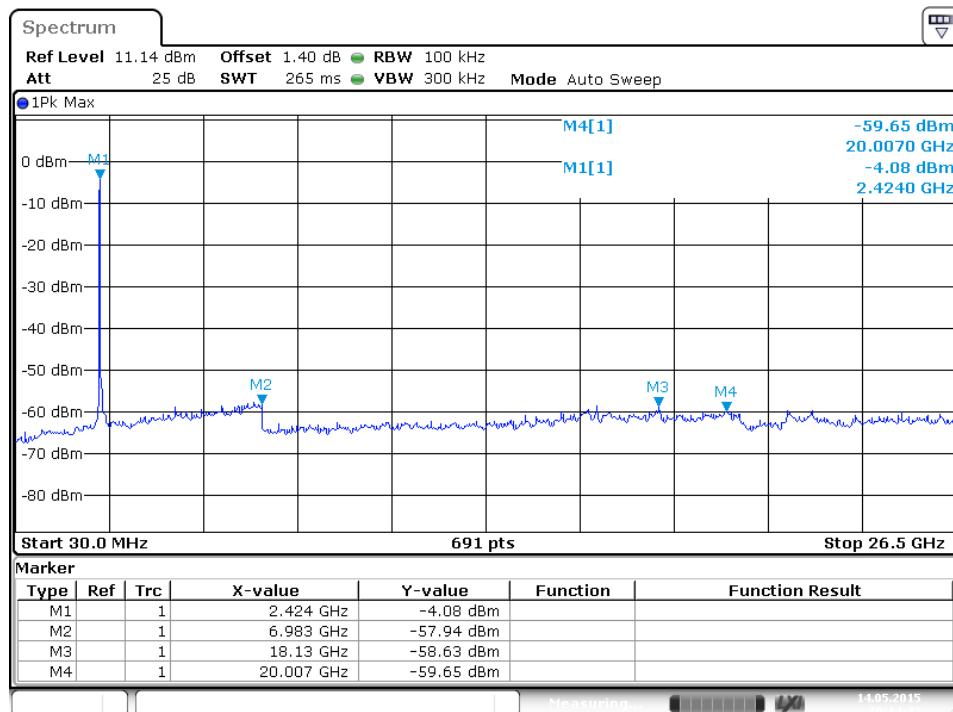


Date: 14.MAY.2015 18:32:06

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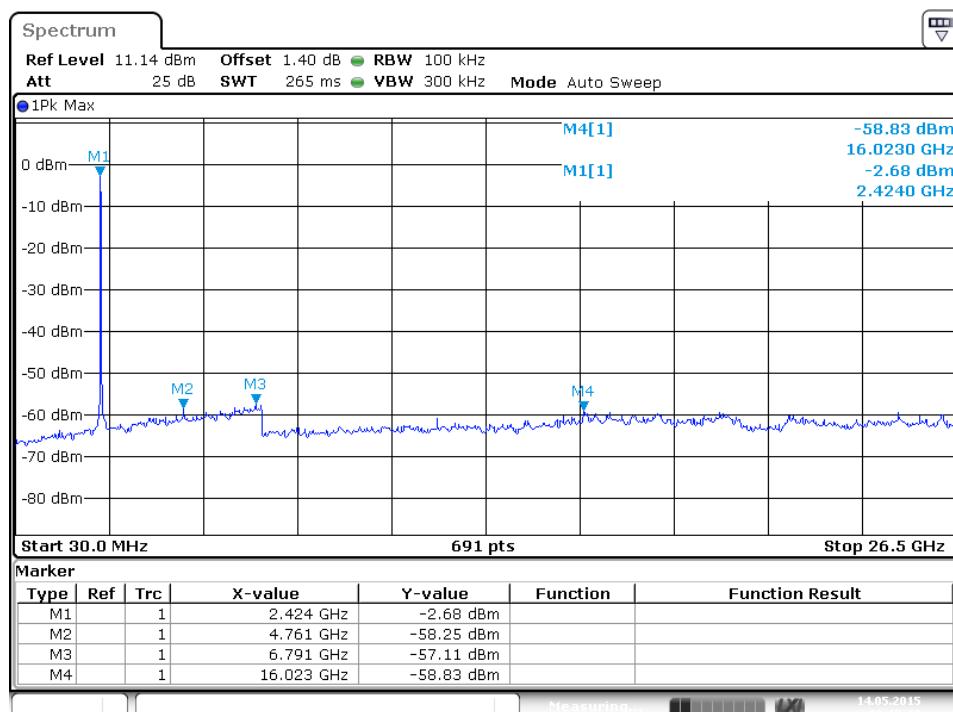
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**Test Plot of Conducted spurious emissions measured in 100kHz  
Bandwidth of 802.11g  
Low Channel**



Date: 14.MAY.2015 19:14:41

**Middle Channel**



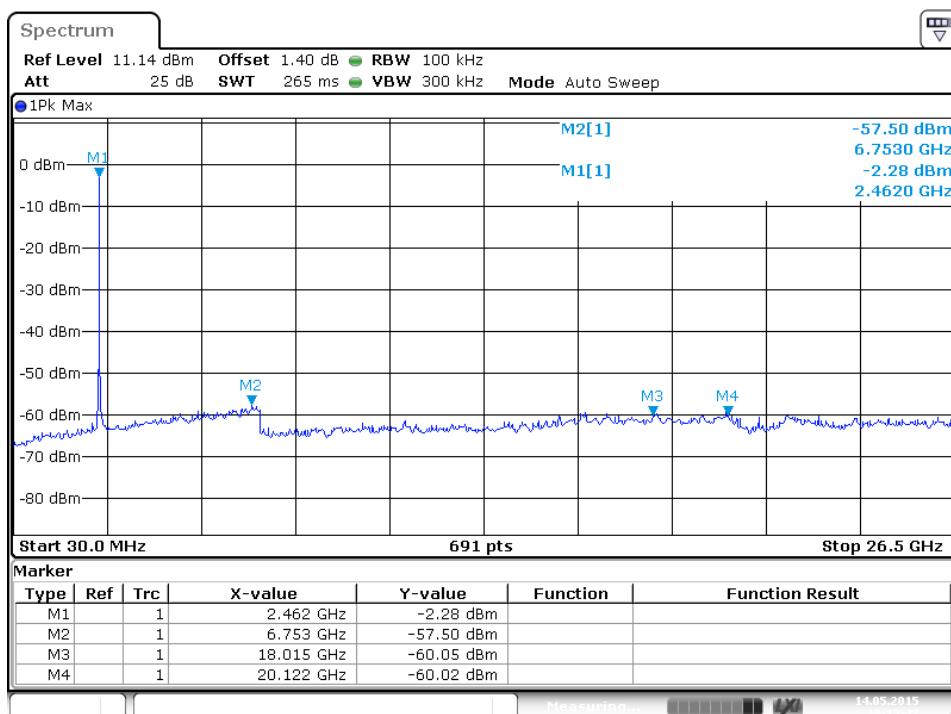
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## High Channel



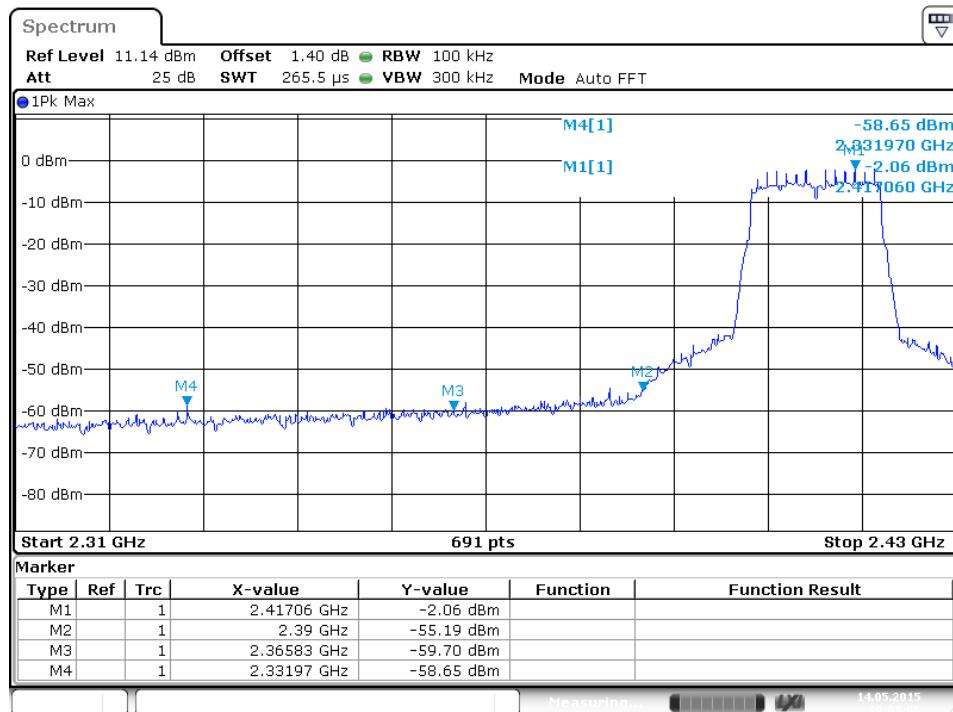
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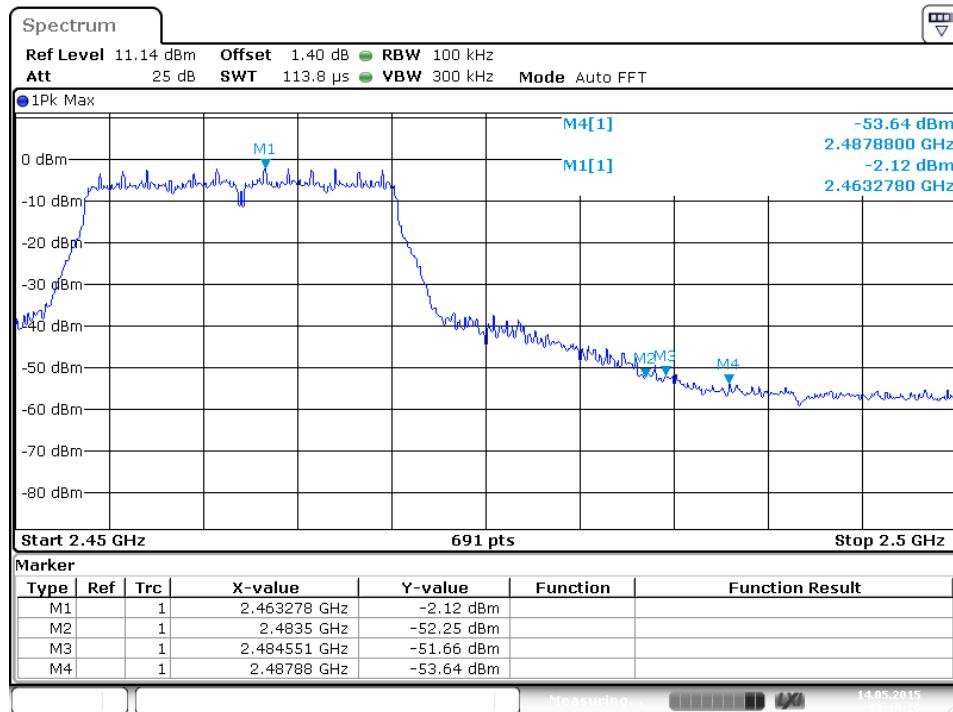
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## Band Edge



Date: 14.MAY.2015 19:09:06

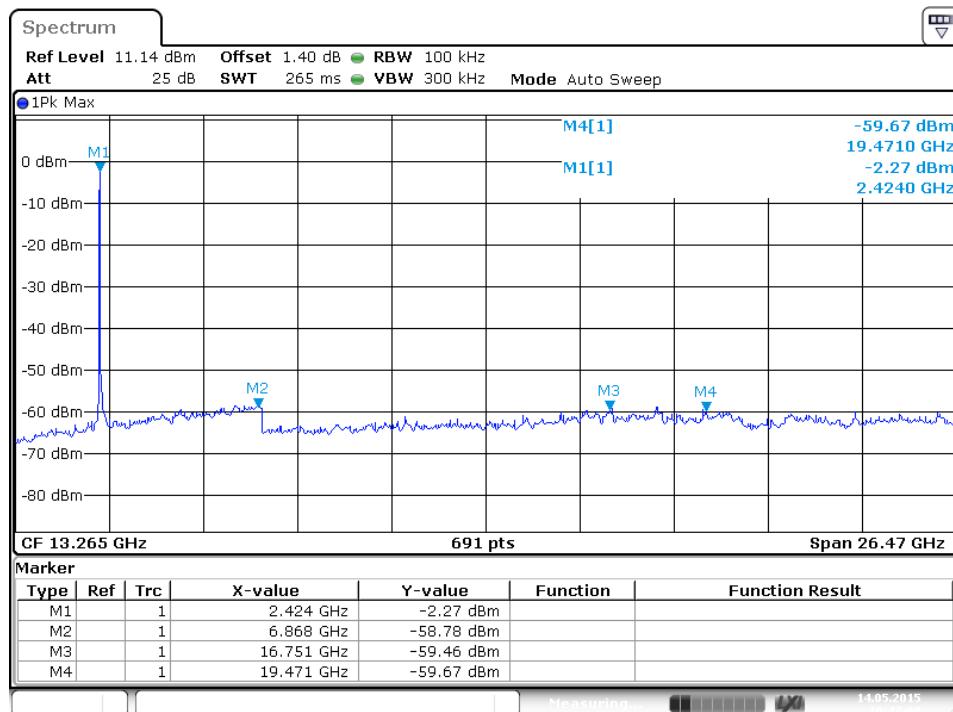


Date: 14.MAY.2015 19:10:26

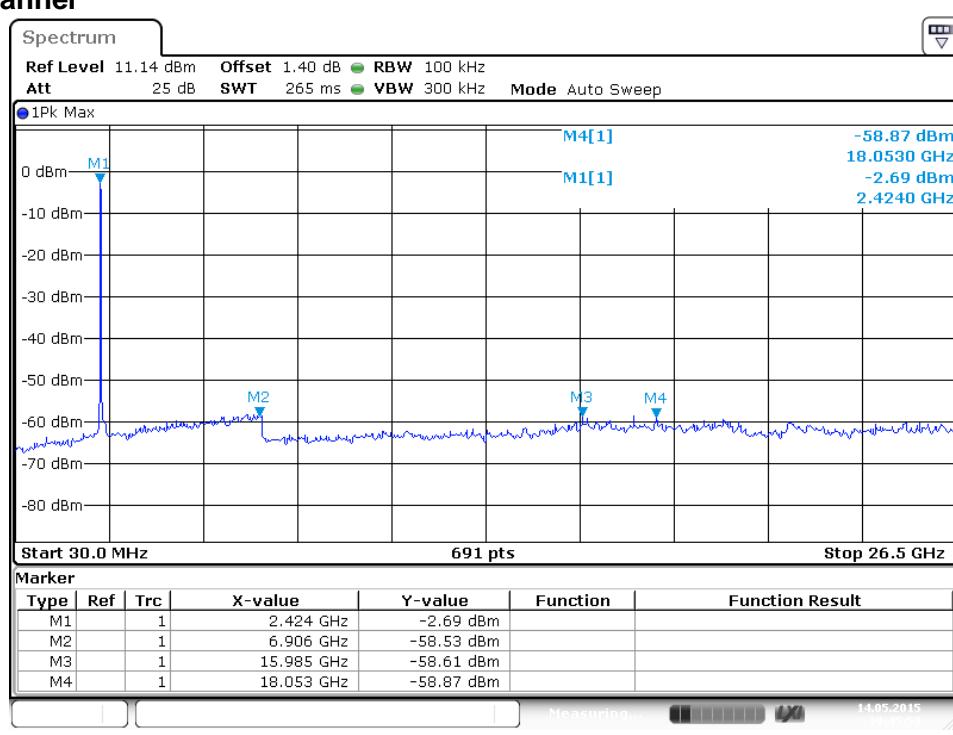
**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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Page 23 of 226

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



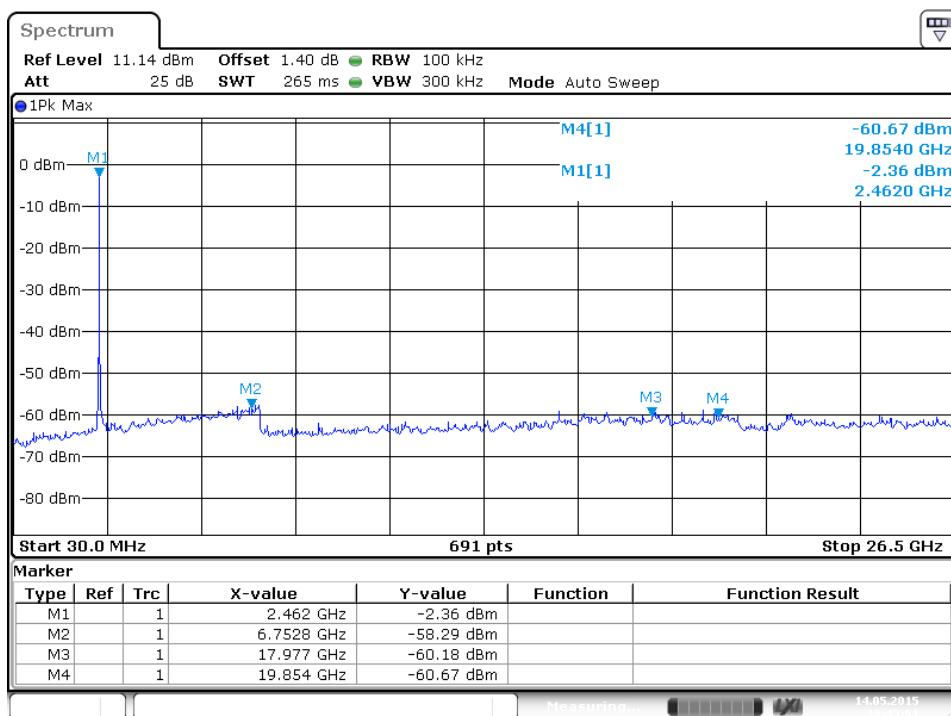
**Middle Channel**



**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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Page 24 of 226

**High Channel**

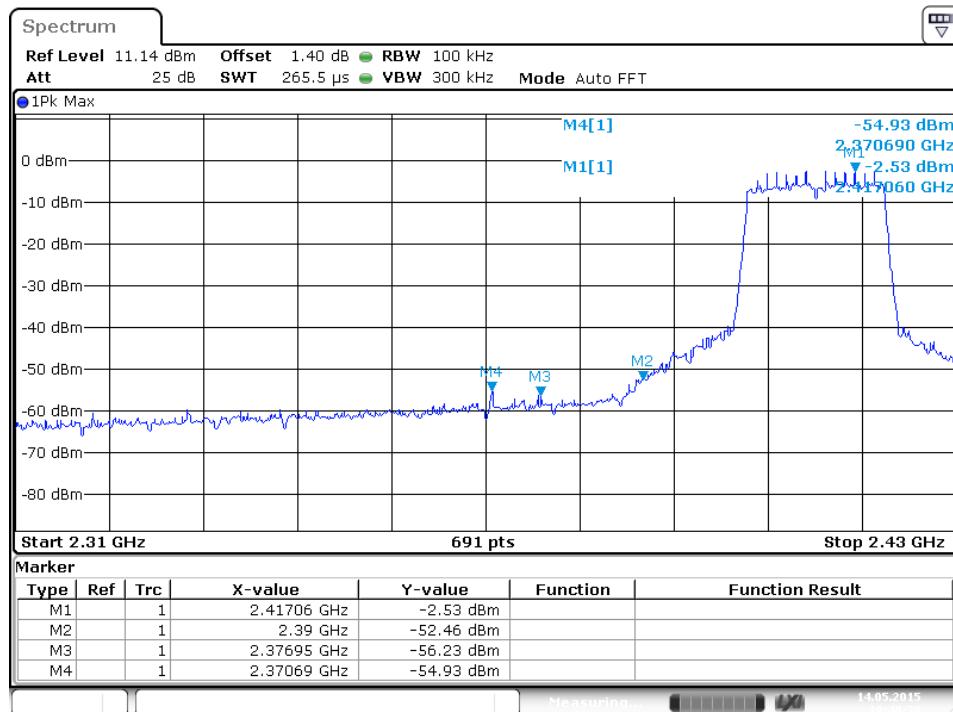


# Prüfbericht - Nr.: 17048716 002

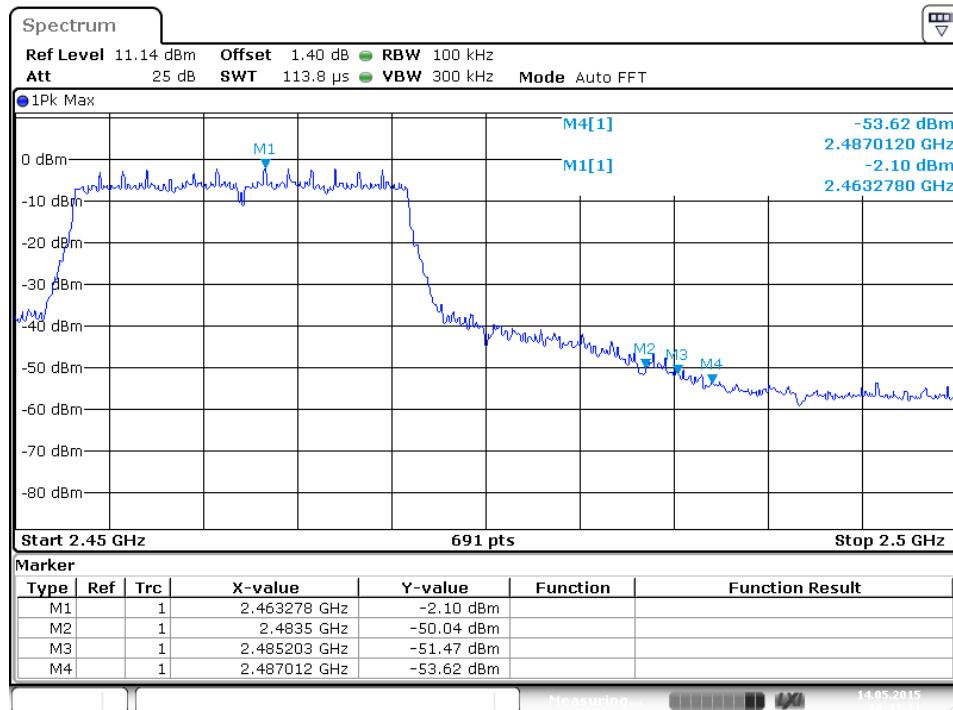
Test Report No.

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Page 25 of 226

## Band Edge



Date: 14.MAY.2015 19:40:37

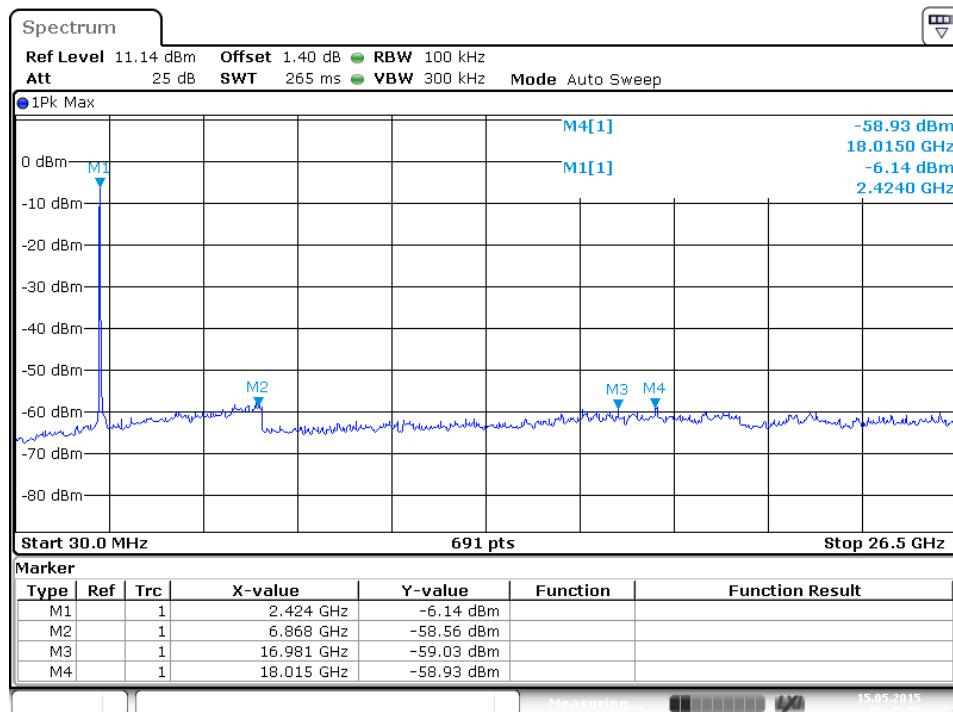


Date: 14.MAY.2015 19:42:20

**Prüfbericht - Nr.: 17048716 002**  
Test Report No.

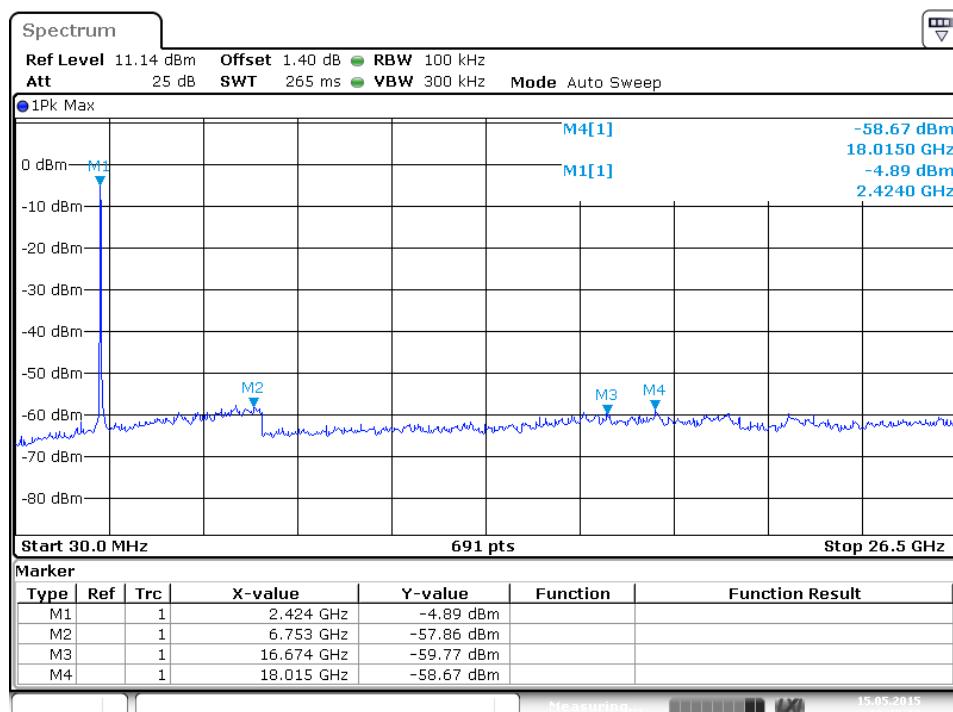
**Seite 26 von 226**  
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**Test Plot of Conducted spurious emissions measured in 100kHz  
Bandwidth of 802.11n (HT40)  
Low Channel**



Date: 15.MAY.2015 10:48:55

**Middle Channel**

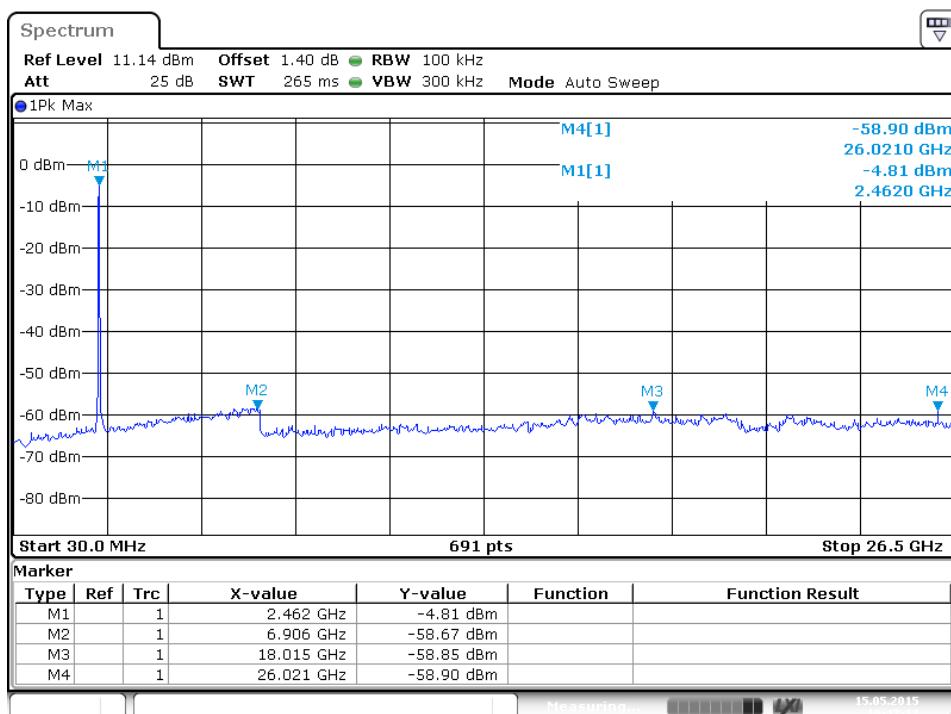


Date: 15.MAY.2015 10:48:12

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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**High Channel**



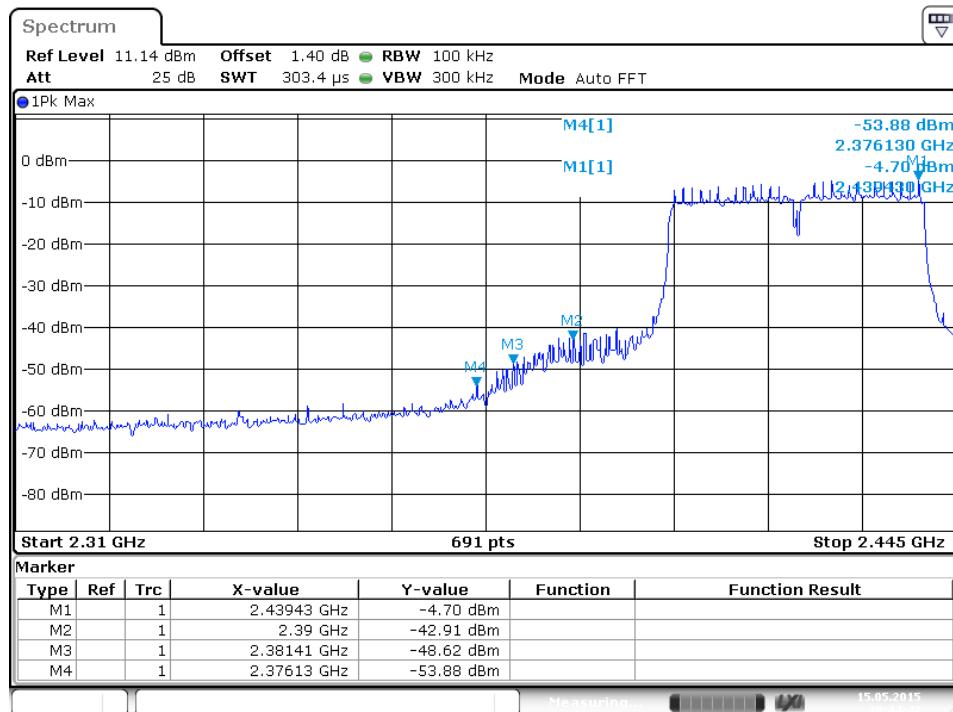
Date: 15.MAY.2015 10:47:14

# Prüfbericht - Nr.: 17048716 002

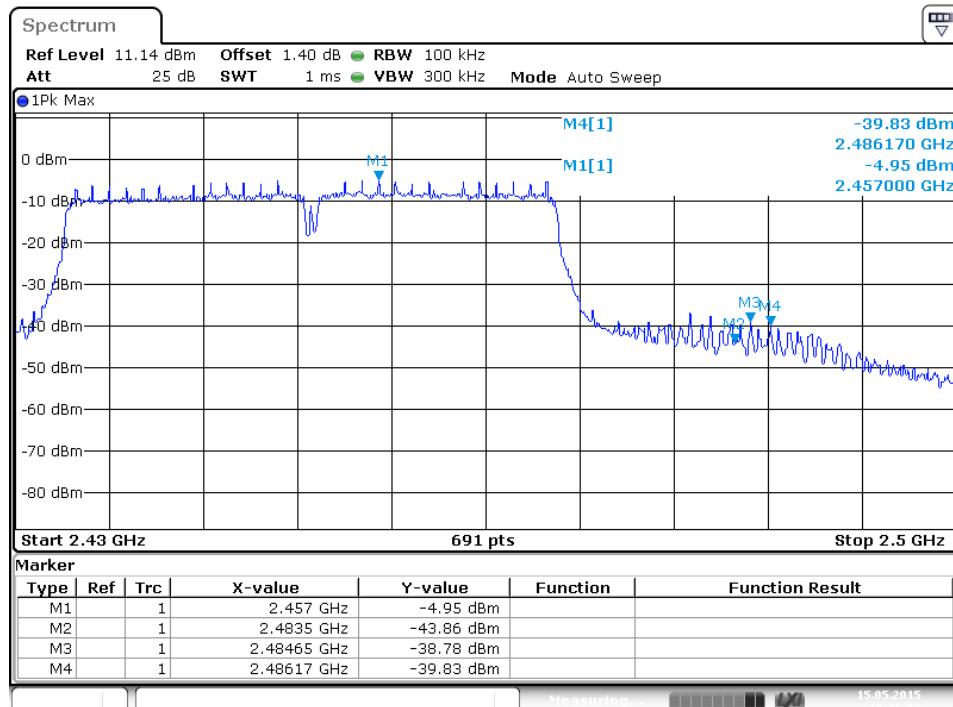
Test Report No.

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## Band Edge



Date: 15.MAY.2015 10:44:42



Date: 15.MAY.2015 10:46:03

**Prüfbericht - Nr.:** **17048716 002**  
*Test Report No.*

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### 5.1.5 Power spectral density

#### RESULT:

**Pass**

Date of testing	:	2015-05-15
Test standard	:	FCC part 15.247(e) RSS-210 A8.2
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 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	:	25°C
Relative humidity	:	52%
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	1.98	8	Pass
		2437	1.75	8	Pass
		2462	1.73	8	Pass
802.11g		2412	-14.06	8	Pass
		2437	-13.16	8	Pass
		2462	-13.56	8	Pass
802.11n (HT20)		2412	-14.59	8	Pass
		2437	-13.32	8	Pass
		2462	-13.49	8	Pass
802.11n (HT40)		2422	-15.15	8	Pass
		2437	-14.26	8	Pass
		2452	-14.56	8	Pass

**Prüfbericht - Nr.:** 17048716 002  
*Test Report No.*Seite 30 von 226  
Page 30 of 226**5.1.6 Spurious Emission****RESULT:****Pass**

Date of testing	:	2015-05-09
Test standard	:	FCC part 15.247(d) RSS-210 Clause 2.2
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 ANSI C63.10: 2013 Clause 11 of KDB 558074 v03r01
Limits	:	FCC part 15.209(a)
Kind of test site	:	3m Semi-Anechoic Chamber

**Test setup**

Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

**Prüfbericht - Nr.: 17048716 002**  
*Test Report No.*

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**Test Plot of Spurious Emission of 802.11b**

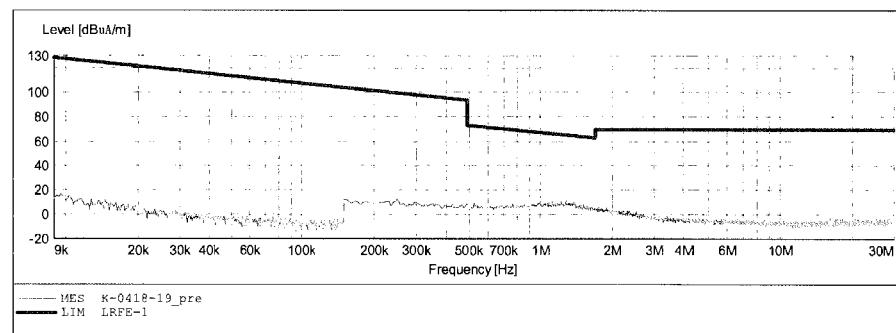
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2412MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: X

**SCAN TABLE: "LFRE\_Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

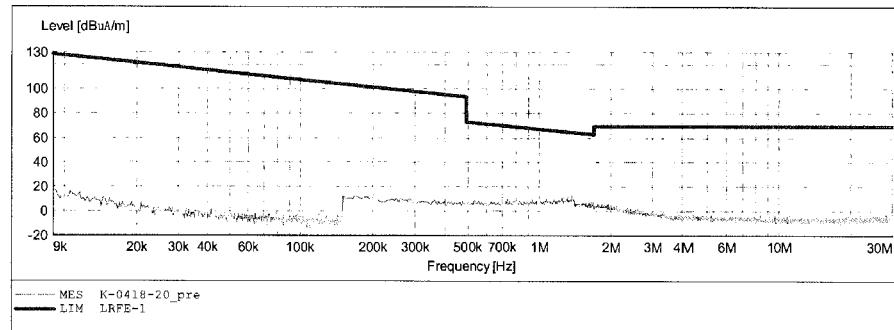


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 32 von 226  
Page 32 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

BUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2412MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Y

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Time	Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

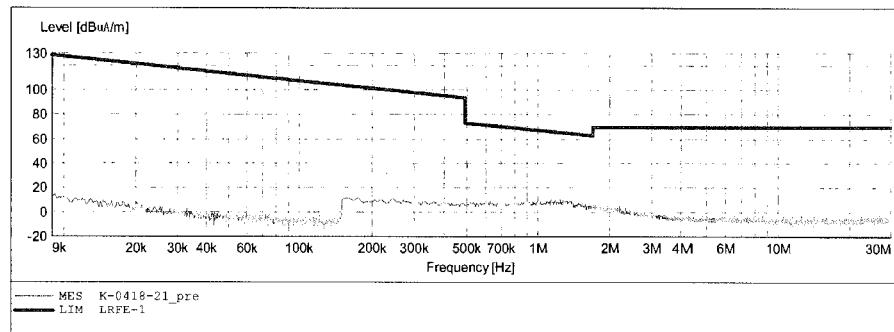


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 33 von 226  
Page 33 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2412MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Z

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width				
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

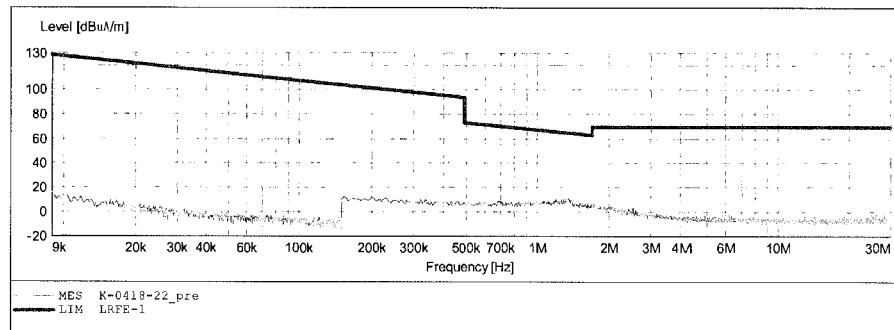


**Prüfbericht - Nr.: 17048716 002**  
*Test Report No.*Seite 34 von 226  
Page 34 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer: TX 2437MHz  
Operating Condition: 2# Chamber  
Test Site: LAN  
Operator: AC 120V/60Hz  
Test Specification: Comment: X

**SCAN TABLE: "LFRE Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

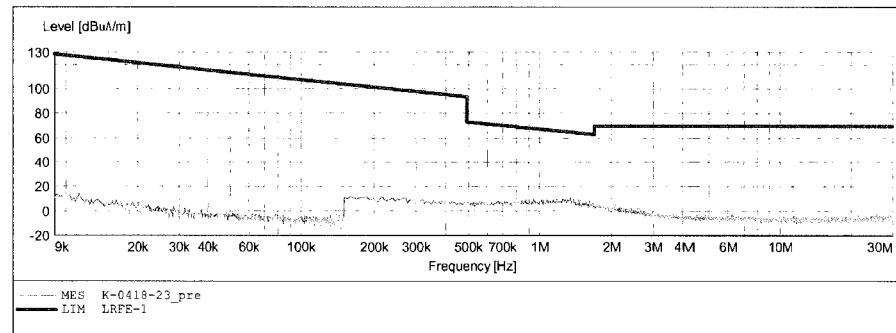


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 35 von 226  
Page 35 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2437MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Y

**SCAN TABLE: "LFRE\_Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width				
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

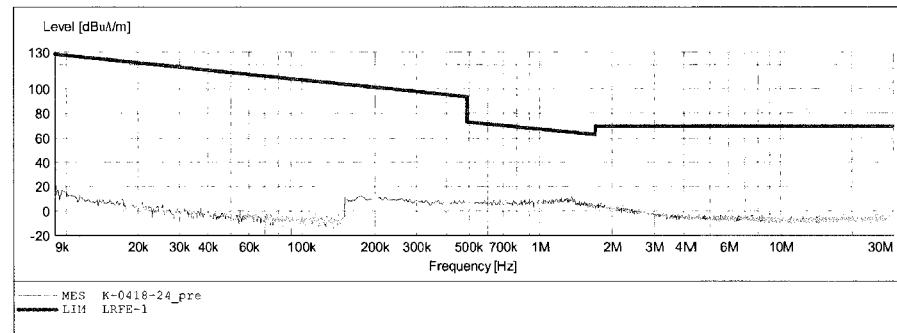


**Prüfbericht - Nr.: 17048716 002**  
*Test Report No.*Seite 36 von 226  
Page 36 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2437MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Z

**SCAN TABLE: "LFRE\_Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Time	Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

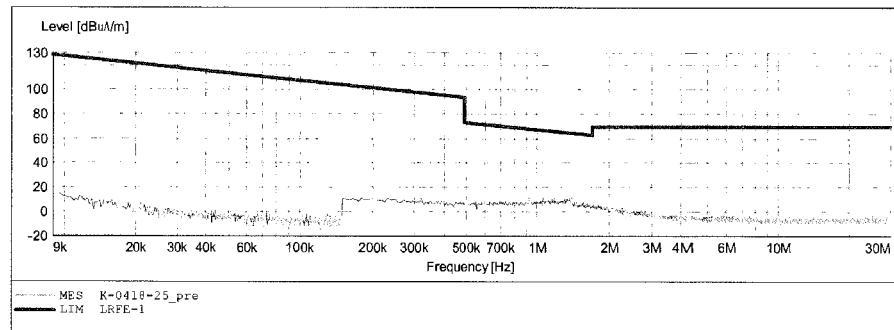


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EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer: TX 2462MHz  
Operating Condition: 2# Chamber  
Test Site: LAN  
Operator: AC 120V/60Hz  
Test Specification: Comment: X

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Time	Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

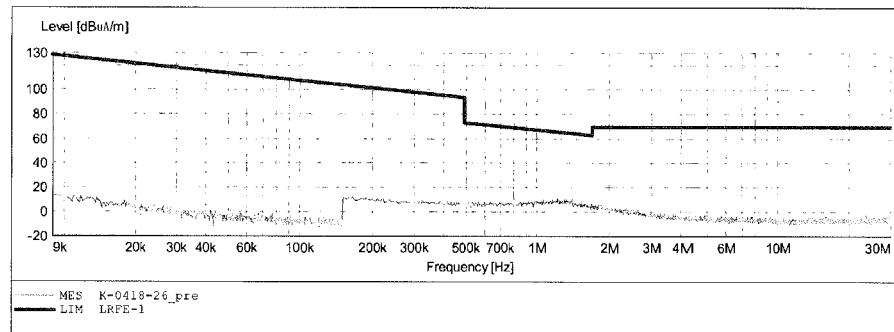


**Prüfbericht - Nr.: 17048716 002**  
*Test Report No.*Seite 38 von 226  
Page 38 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2462MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Y

**SCAN TABLE: "LFRE Fin"**

Short Description: SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz 1516M  
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz 1516M

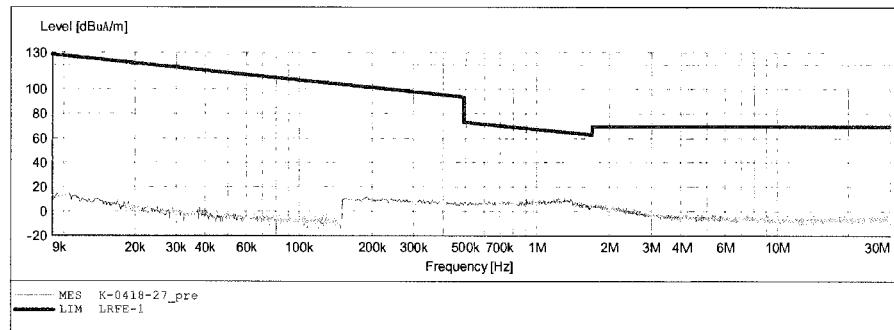


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 39 von 226  
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EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer: TX 2462MHz  
Operating Condition: 2# Chamber  
Test Site: LAN  
Operator: AC 120V/60Hz  
Test Specification: Comment: Z

**SCAN TABLE: "LFRE Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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Test Report No.

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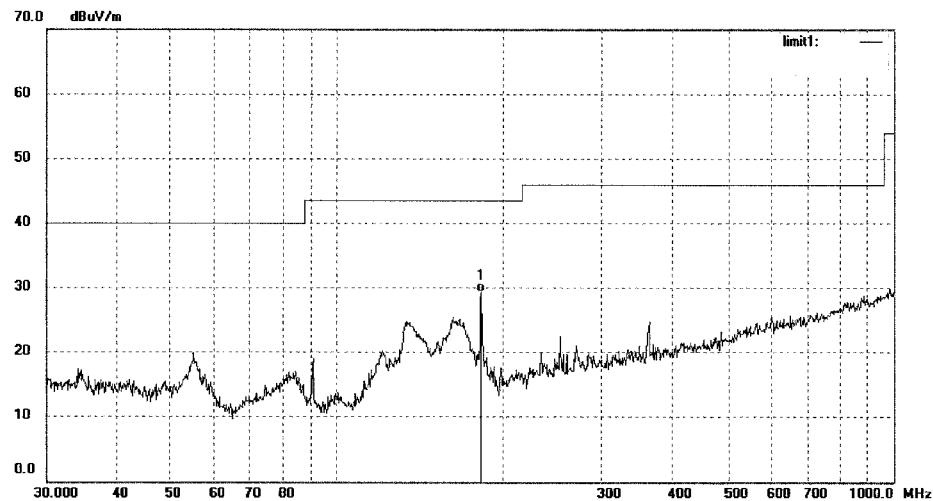


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #354	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.9201	42.53	-13.18	29.35	43.50	-14.15	QP			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #355

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

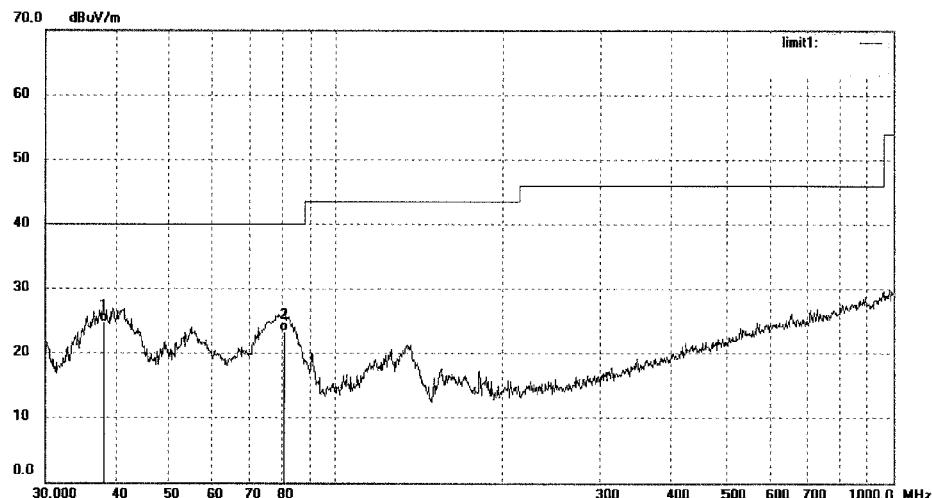
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.0783	35.95	-11.11	24.84	40.00	-15.16	QP			
2	80.9275	39.65	-16.31	23.34	40.00	-16.66	QP			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #357

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

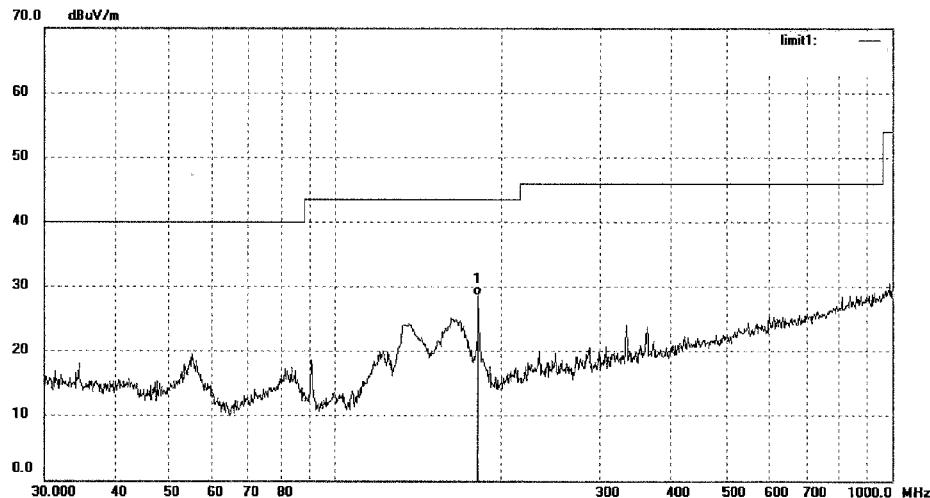
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	41.98	-13.28	28.70	43.50	-14.80	QP			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #356

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

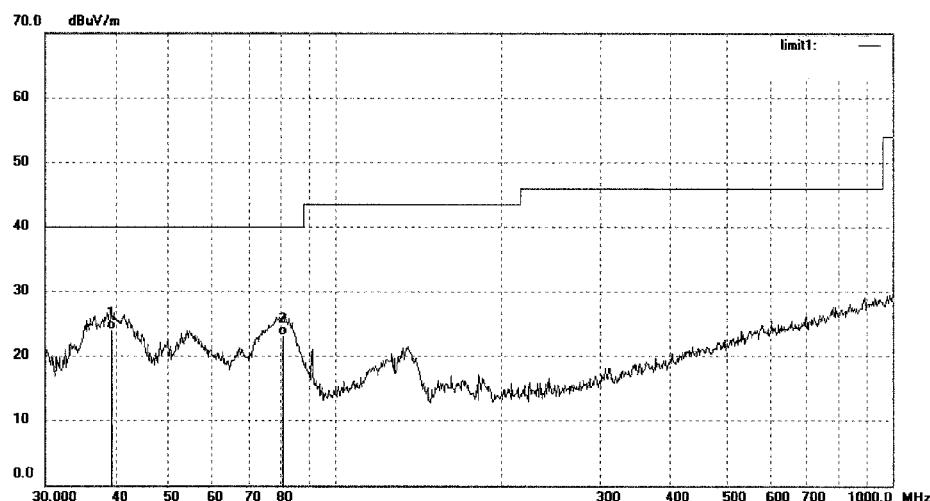
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.4371	35.45	-11.42	24.03	40.00	-15.97	QP			
2	80.6441	39.60	-16.36	23.24	40.00	-16.76	QP			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #358

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

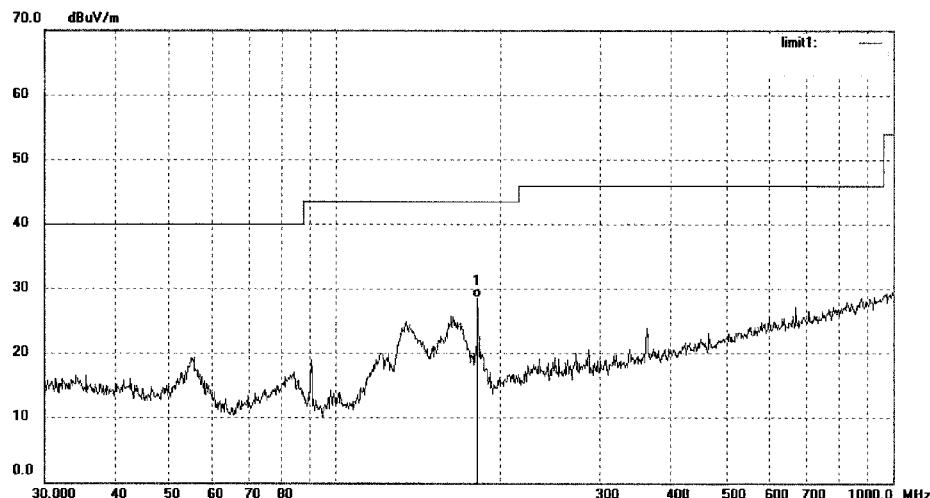
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	41.86	-13.28	28.58	43.50	-14.92	QP			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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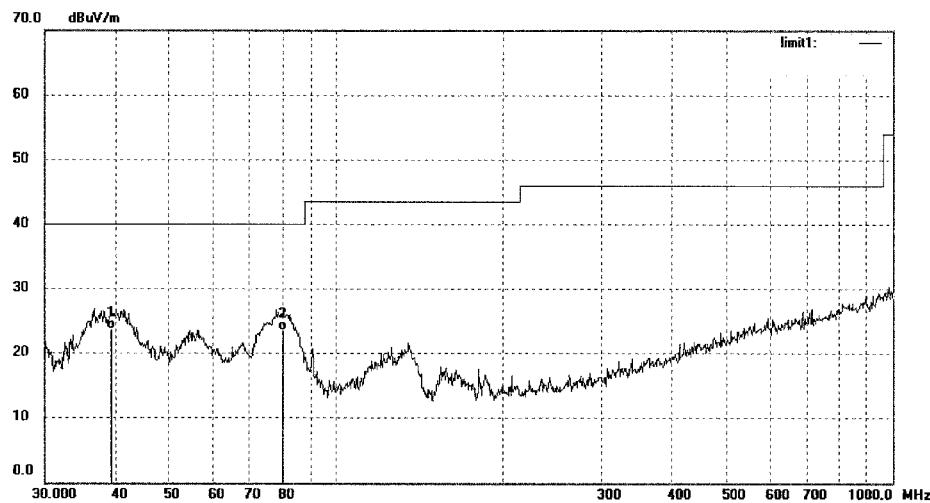


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #359	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.4371	35.15	-11.42	23.73	40.00	-16.27	QP			
2	80.0806	40.00	-16.49	23.51	40.00	-16.49	QP			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #419

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

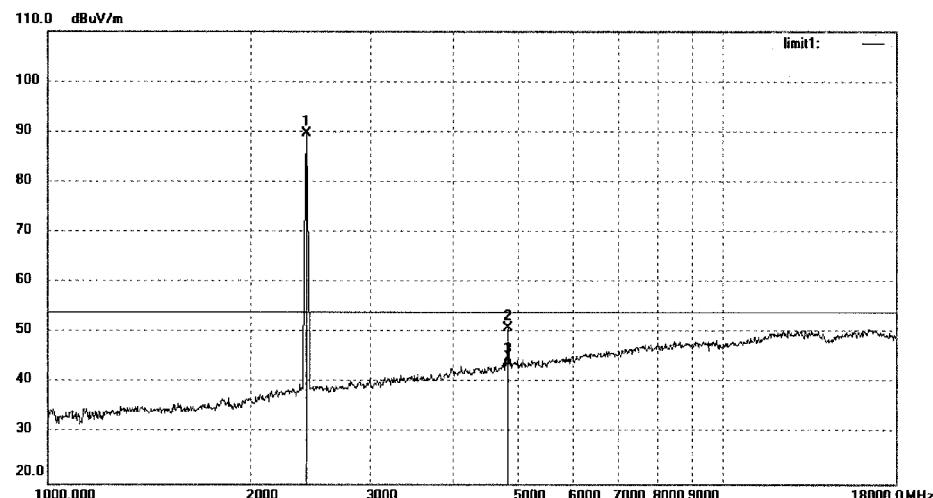
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	97.11	-7.43	89.68	/	/	peak			
2	4824.235	51.09	-0.19	50.90	74.00	-23.10	peak			
3	4824.235	43.66	-0.19	43.47	54.00	-10.53	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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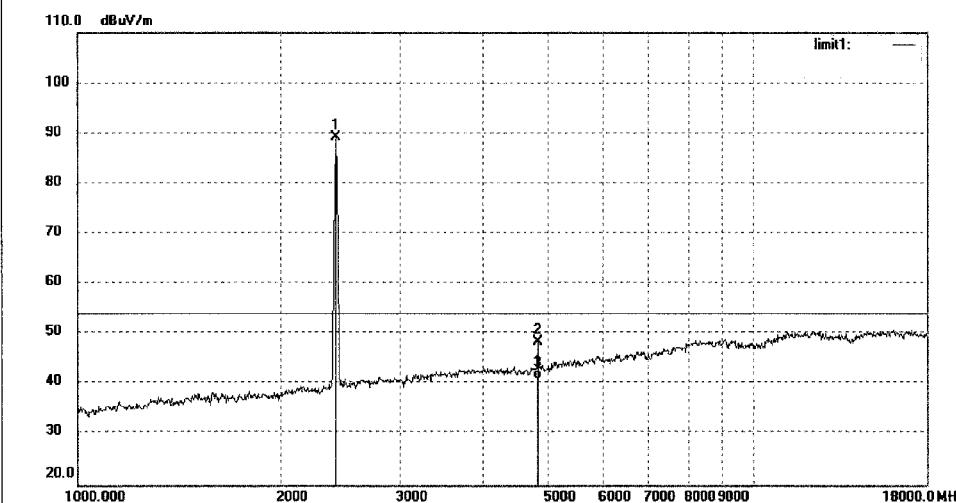


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F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #418	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	96.69	-7.43	89.26	/	/	peak			
2	4824.225	48.72	-0.19	48.53	74.00	-25.47	peak			
3	4824.225	41.27	-0.19	41.08	54.00	-12.92	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #420

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

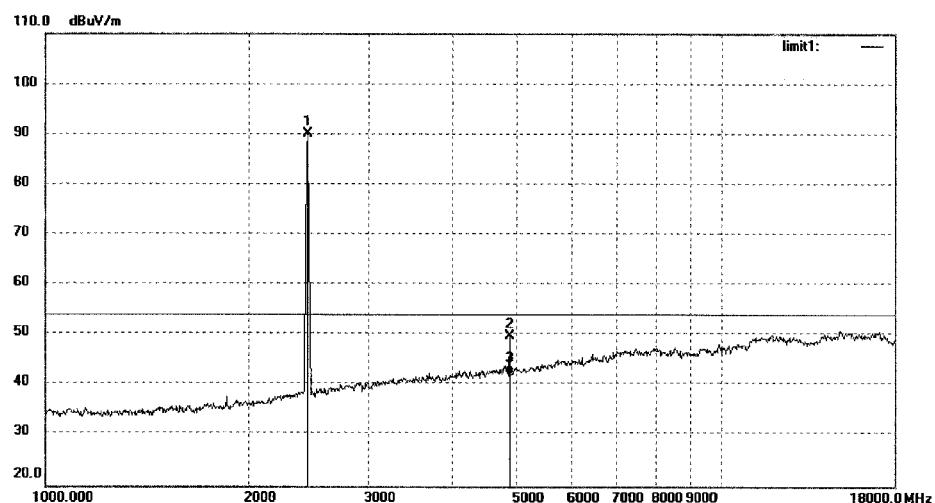
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	97.49	-7.36	90.13	/	/	peak			
2	4874.342	49.82	0.09	49.91	74.00	-24.09	peak			
3	4874.342	41.98	0.09	42.07	54.00	-11.93	AVG			

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Test Report No.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #421

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

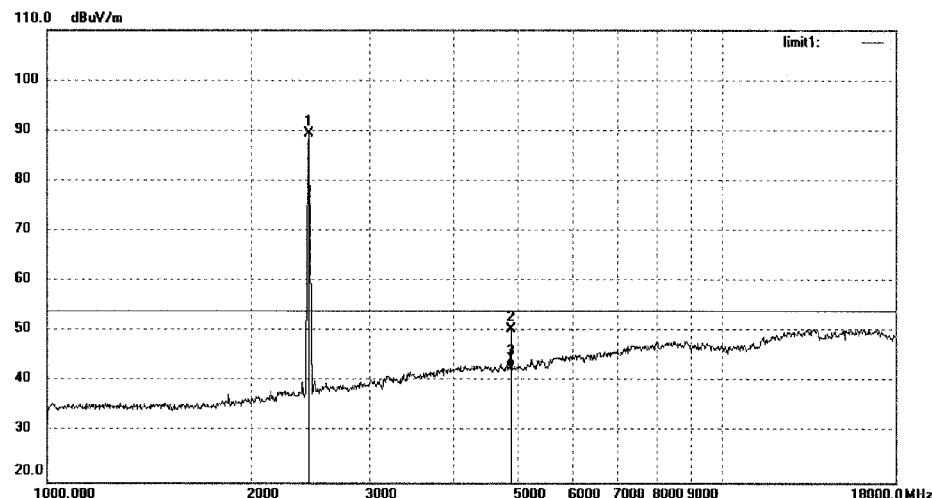
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	96.88	-7.36	89.52	/	/	peak			
2	4874.250	50.45	0.09	50.54	74.00	-23.46	peak			
3	4874.250	42.66	0.09	42.75	54.00	-11.25	AVG			

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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #423

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

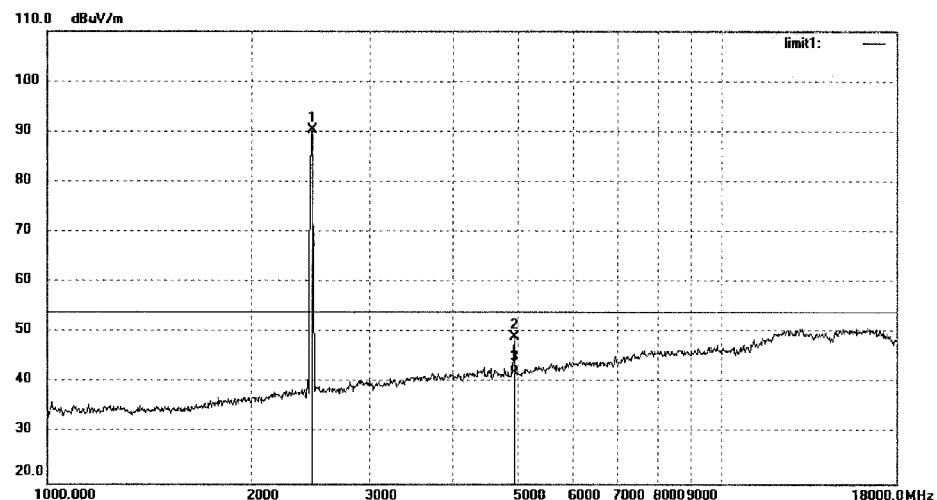
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	97.74	-7.35	90.39	/	/	peak			
2	4924.305	48.79	0.34	49.13	74.00	-24.87	peak			
3	4924.305	41.57	0.34	41.91	54.00	-12.09	AVG			

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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #422

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

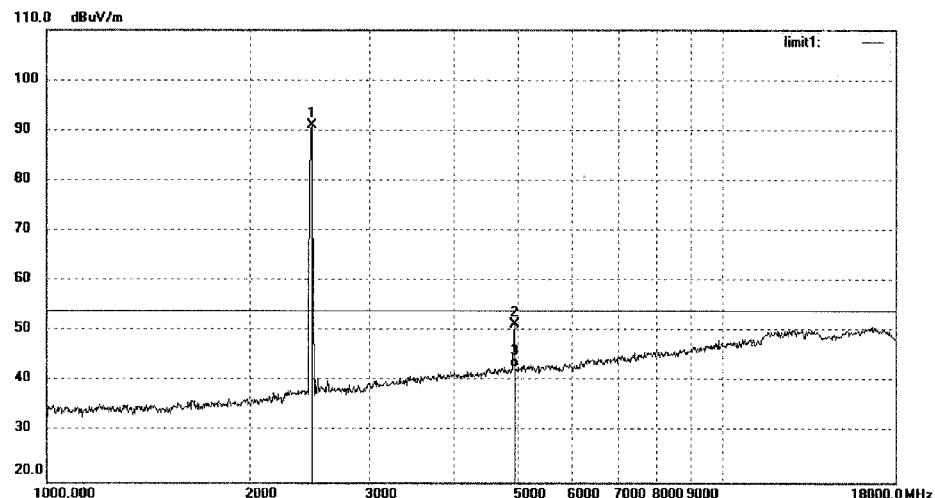
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	98.24	-7.35	90.89	/	/	peak			
2	4924.247	51.04	0.34	51.38	74.00	-22.62	peak			
3	4924.247	42.59	0.34	42.93	54.00	-11.07	AVG			

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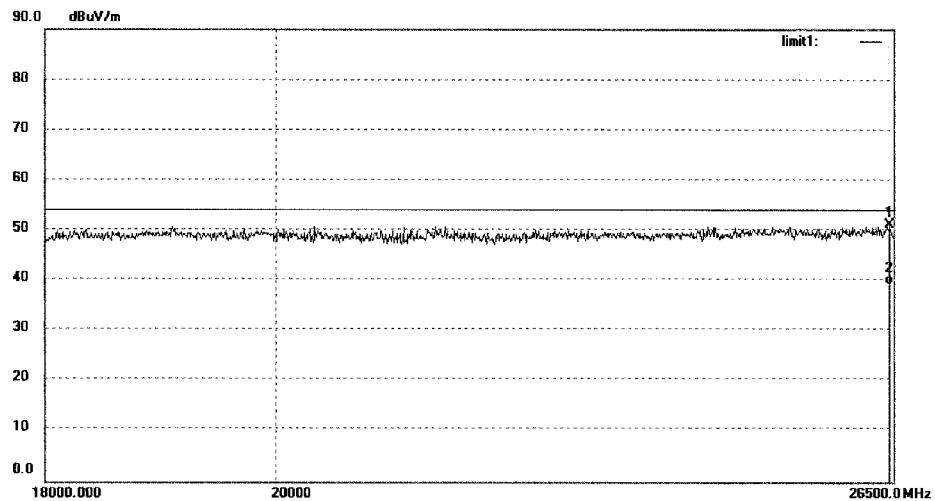


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #582	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26458.952	34.73	16.50	51.23	74.00	-22.77	peak			
2	26458.952	22.86	16.50	39.36	54.00	-14.64	AVG			

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Test Report No.

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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #581

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

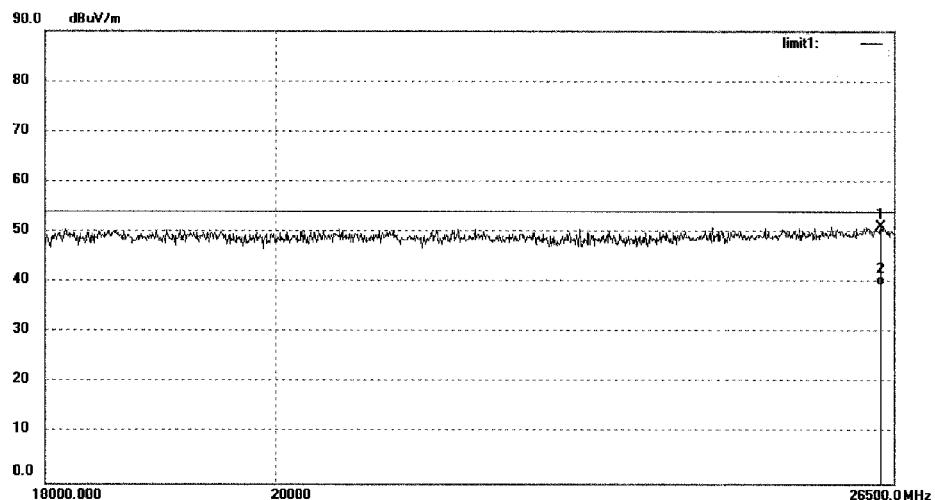
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26346.396	34.24	17.00	51.24	74.00	-22.76	peak			
2	26346.396	22.53	17.00	39.53	54.00	-14.47	AVG			

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Test Report No.

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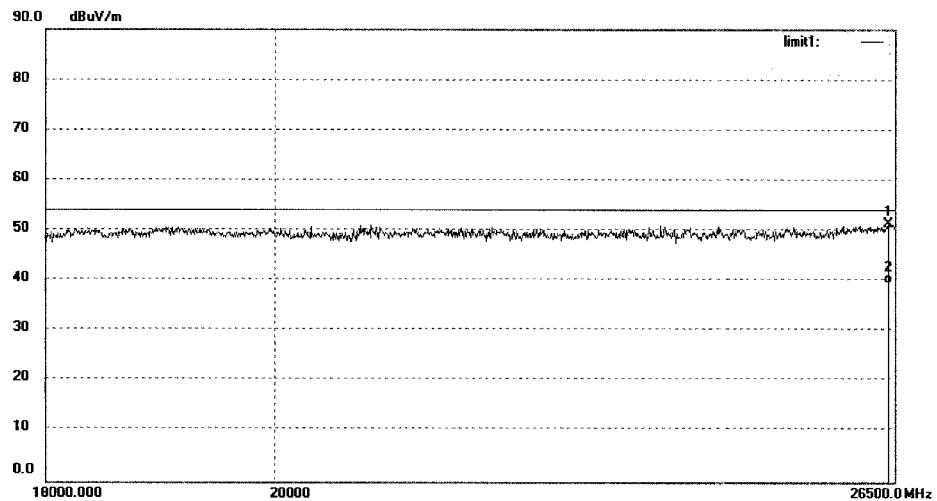


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #583	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	34.84	16.50	51.34	74.00	-22.66	peak			
2	26428.207	23.06	16.50	39.56	54.00	-14.44	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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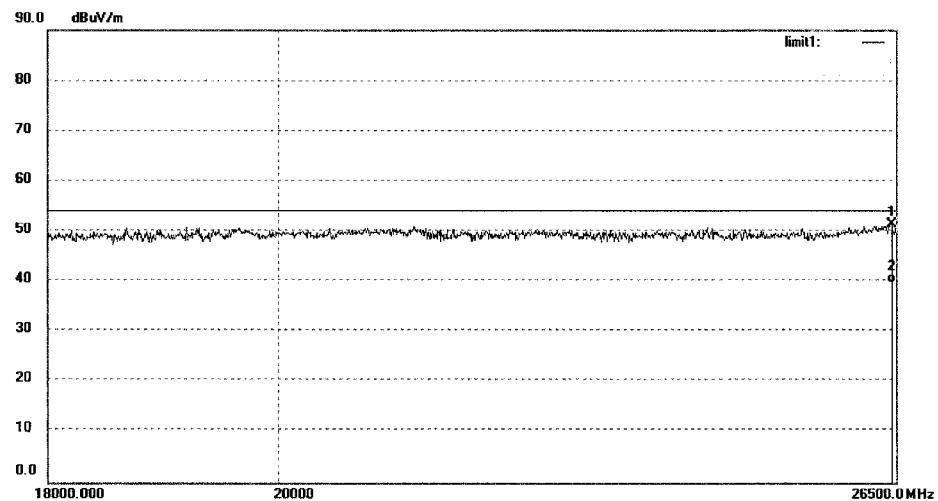


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #584	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26448.699	34.47	16.93	51.40	74.00	-22.60	peak			
2	26448.699	22.79	16.93	39.72	54.00	-14.28	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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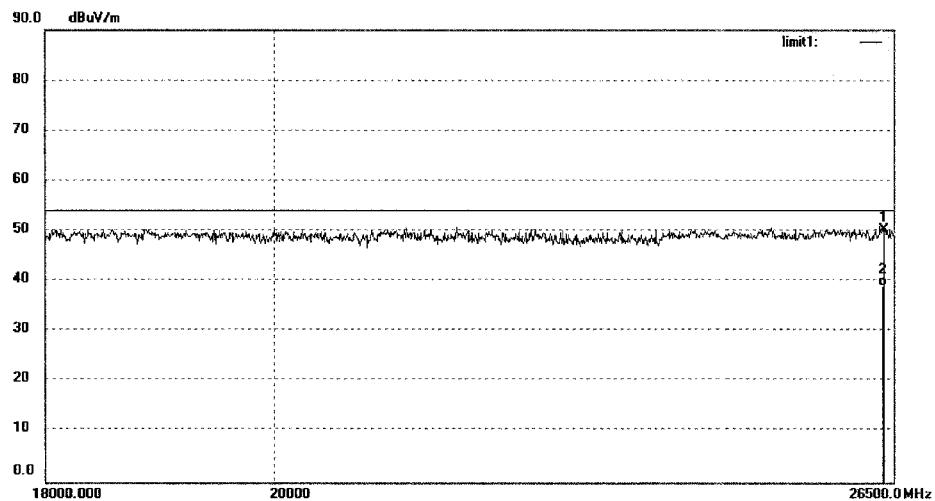


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #586	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26387.270	33.71	16.50	50.21	74.00	-23.79	peak			
2	26387.270	22.45	16.50	38.95	54.00	-15.05	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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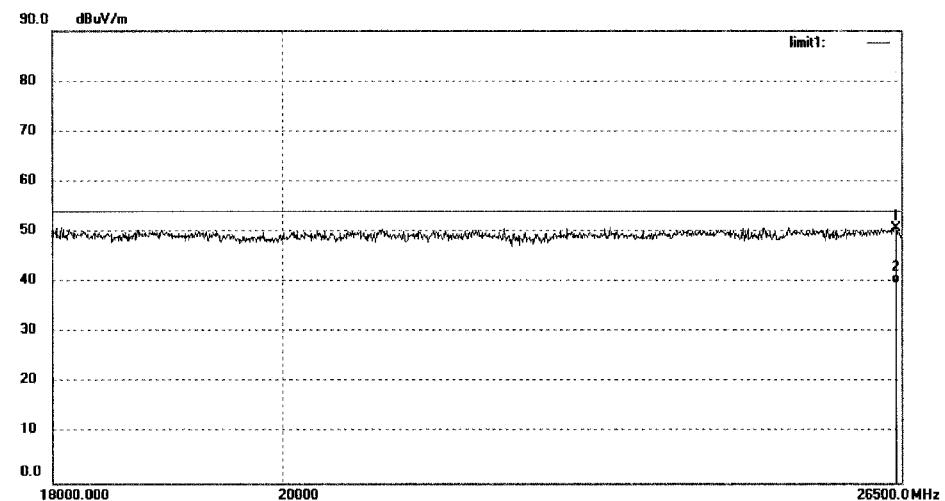


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #585	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26438.451	33.90	16.94	50.84	74.00	-23.16	peak			
2	26438.451	22.68	16.94	39.62	54.00	-14.38	Avg			

**Prüfbericht - Nr.: 17048716 002**  
Test Report No.

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**Test Plot of Band Edge of 802.11b**



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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #416

Polarization: Horizontal

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

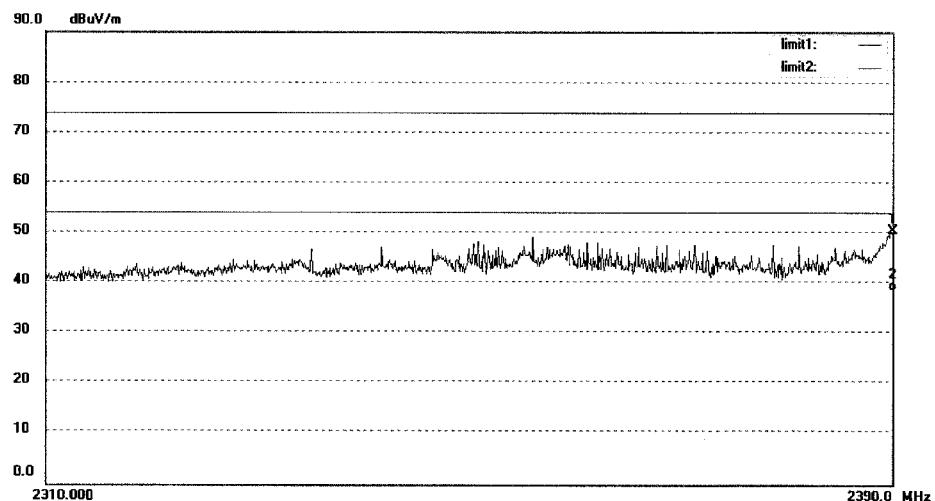
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	58.08	-7.53	50.55	74.00	-23.45	peak			
2	2390.000	46.15	-7.53	38.62	54.00	-15.38	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #417

Polarization: Vertical

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

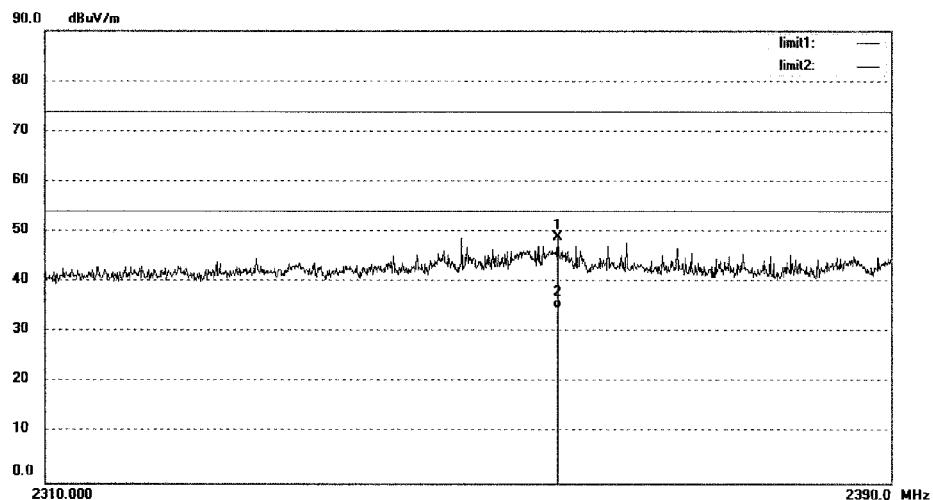
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2358.240	56.58	-7.74	48.84	74.00	-25.16	peak			
2	2358.240	42.56	-7.74	34.82	54.00	-19.18	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #424

Polarization: Horizontal

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

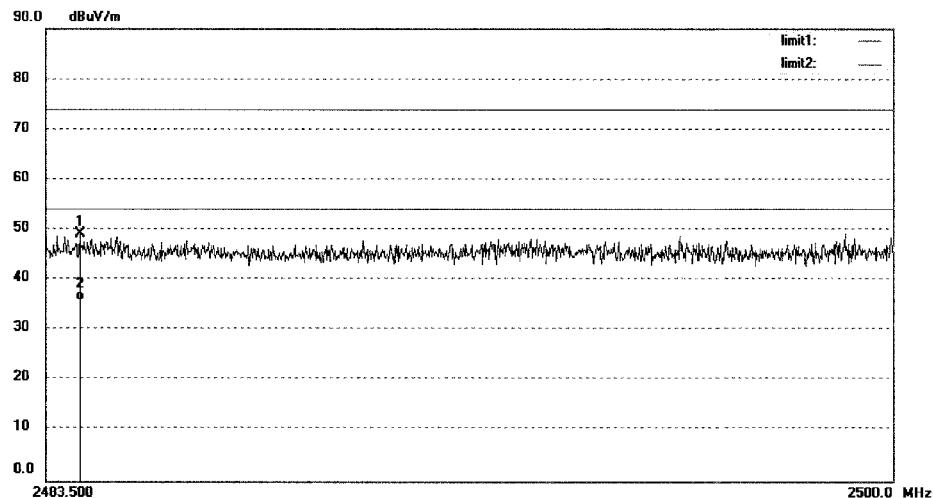
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2484.160	56.62	-7.38	49.24	74.00	-24.76	peak			
2	2484.160	43.26	-7.38	35.88	54.00	-18.12	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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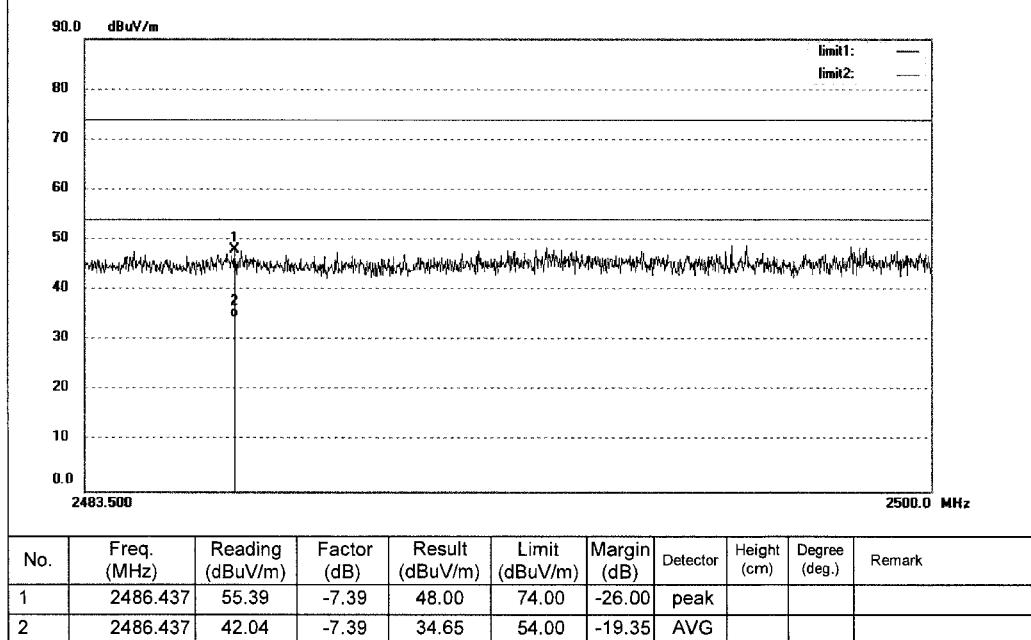


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #425	Polarization:	Vertical
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



**Prüfbericht - Nr.: 17048716 002**  
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**Test Plot of Spurious Emission of 802.11g**

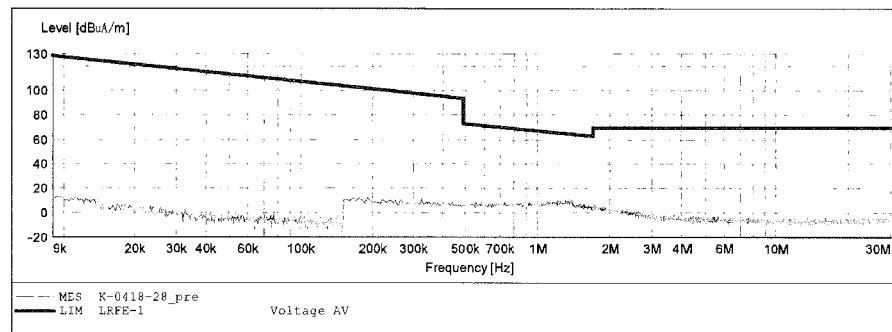
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
 Manufacturer:  
 Operating Condition: TX 2412MHz  
 Test Site: 2# Chamber  
 Operator: LAN  
 Test Specification: AC 120V/60Hz  
 Comment: X

**SCAN TABLE: "LFRE\_Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M	
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M	

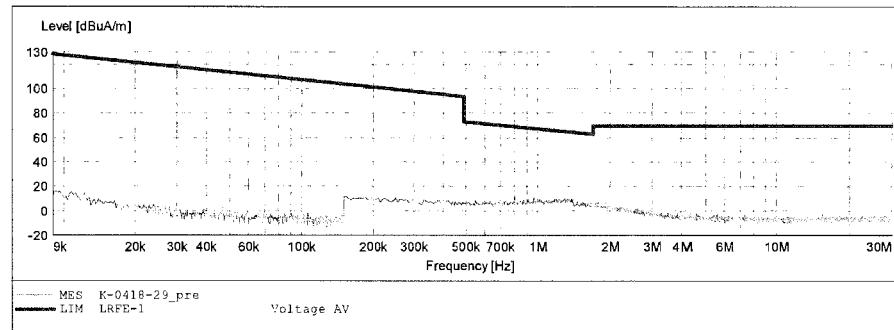


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 63 von 226  
Page 63 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2412MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Y

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width				
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

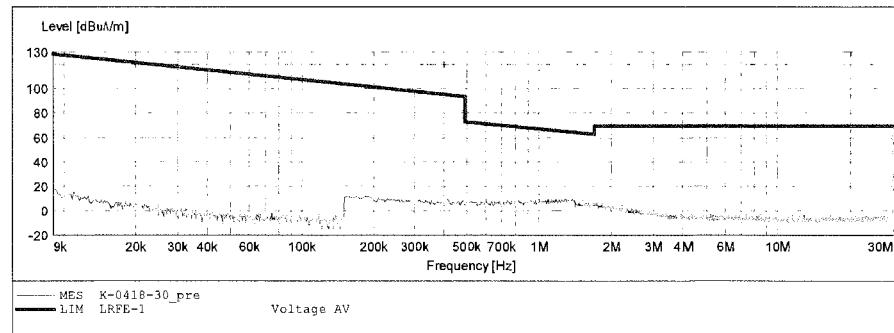


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 64 von 226  
Page 64 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2412MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Z

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width				
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

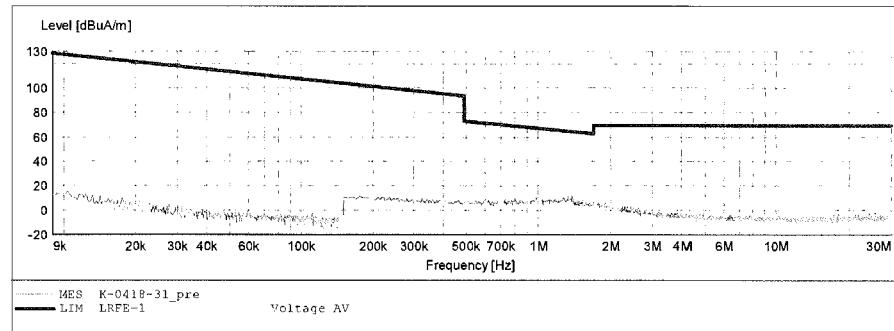


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 65 von 226  
Page 65 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2437MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: X

**SCAN TABLE: "LFRE Fin"**

Short Description: SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz 1516M  
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz 1516M

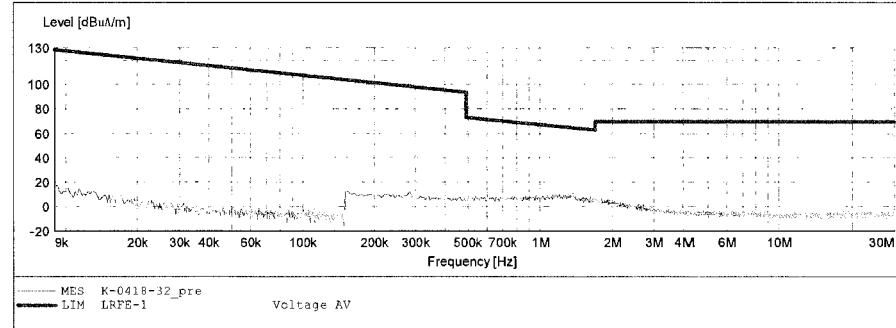


**Prüfbericht - Nr.: 17048716 002**  
*Test Report No.***Seite 66 von 226**  
*Page 66 of 226***ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2437MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Y

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width				
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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Test Report No.

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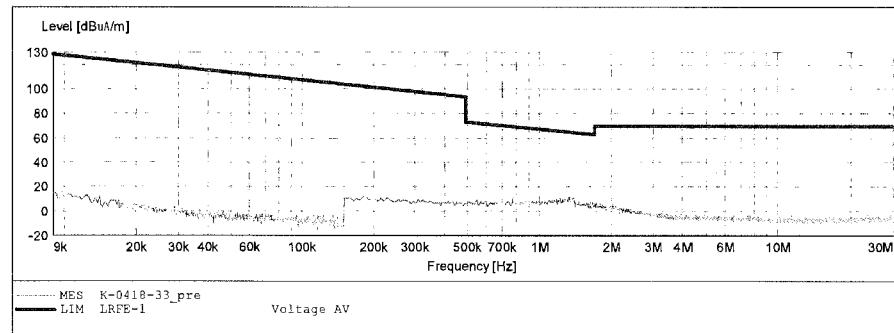
**ACCURATE TECHNOLOGY CO., LTD**

**FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
 Manufacturer:  
 Operating Condition: TX 2437MHz  
 Test Site: 2# Chamber  
 Operator: LAN  
 Test Specification: AC 120V/60Hz  
 Comment: Z

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width				
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

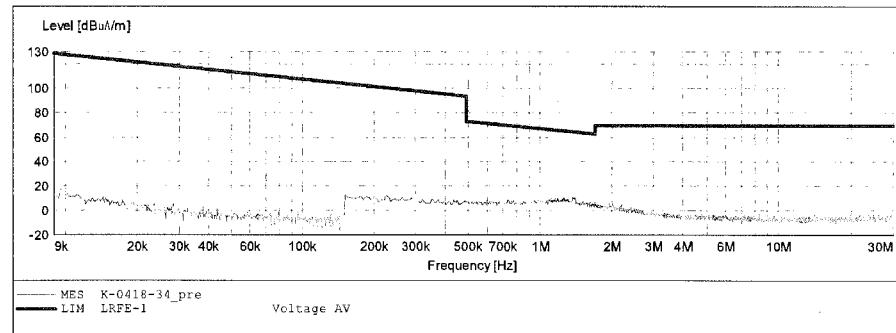


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 68 von 226  
Page 68 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2462MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: X

**SCAN TABLE: "LFRE Fin"**

Short Description: SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw. 1516M  
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz 1516M  
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz 1516M

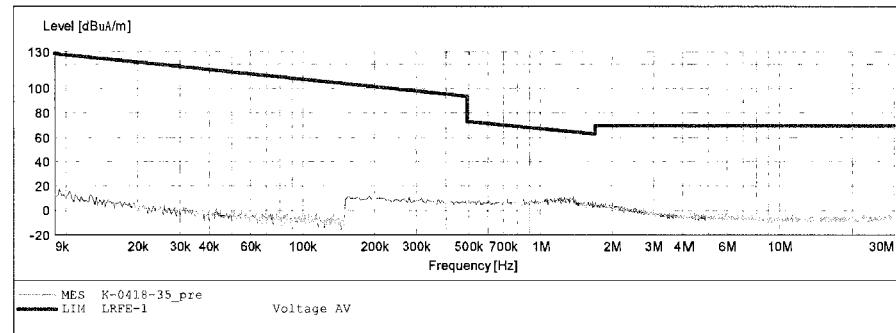


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 69 von 226  
Page 69 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2462MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Y

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width				
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

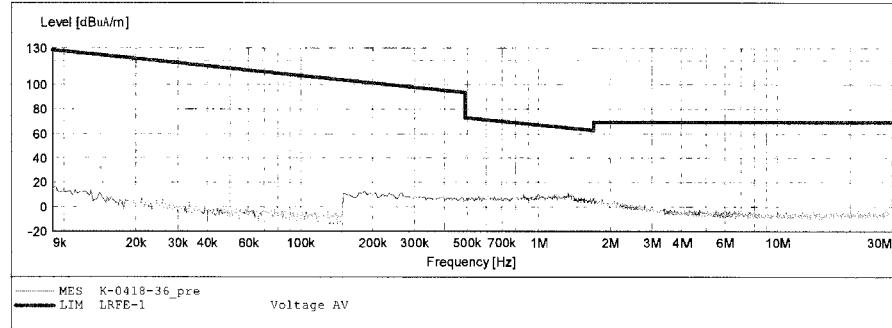


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 70 von 226  
Page 70 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2462MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Z

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #361

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

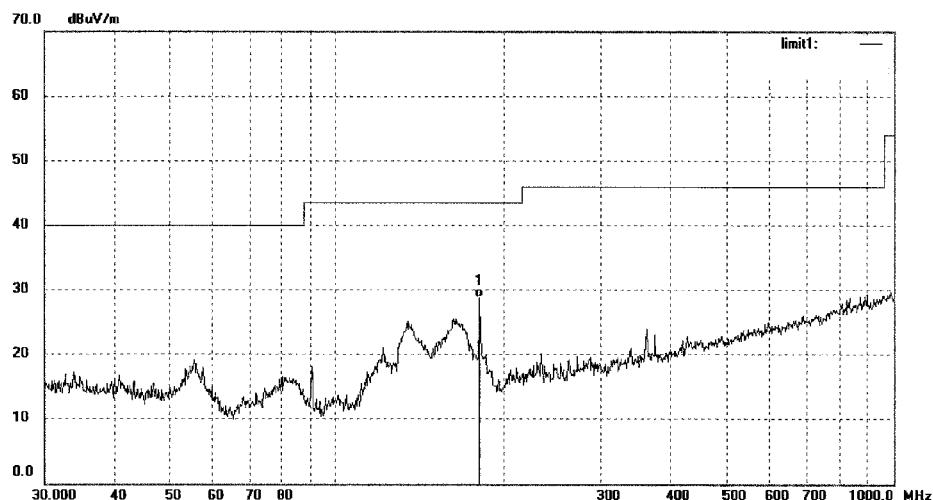
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	42.07	-13.28	28.79	43.50	-14.71	QP			

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Test Report No.

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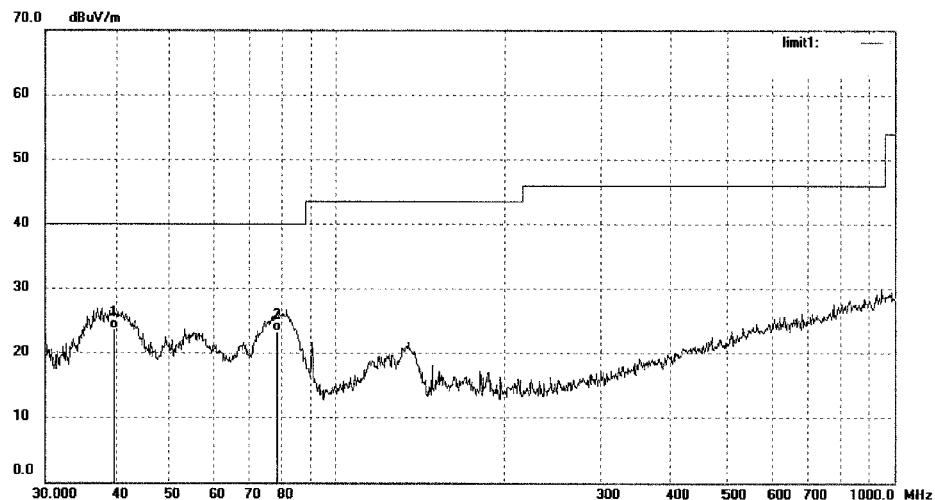


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #360	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.8542	35.22	-11.50	23.72	40.00	-16.28	QP			
2	78.4133	40.02	-16.60	23.42	40.00	-16.58	QP			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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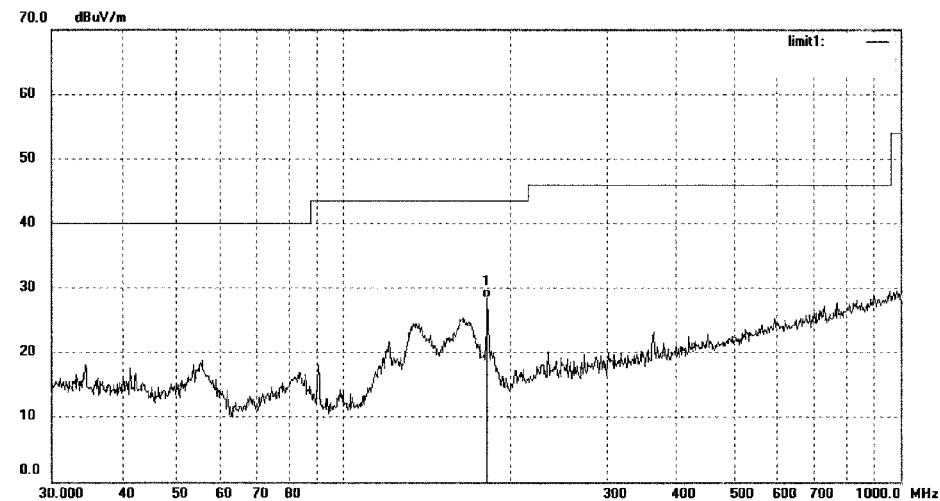


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #362	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	41.80	-13.28	28.52	43.50	-14.98	QP			

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Test Report No.

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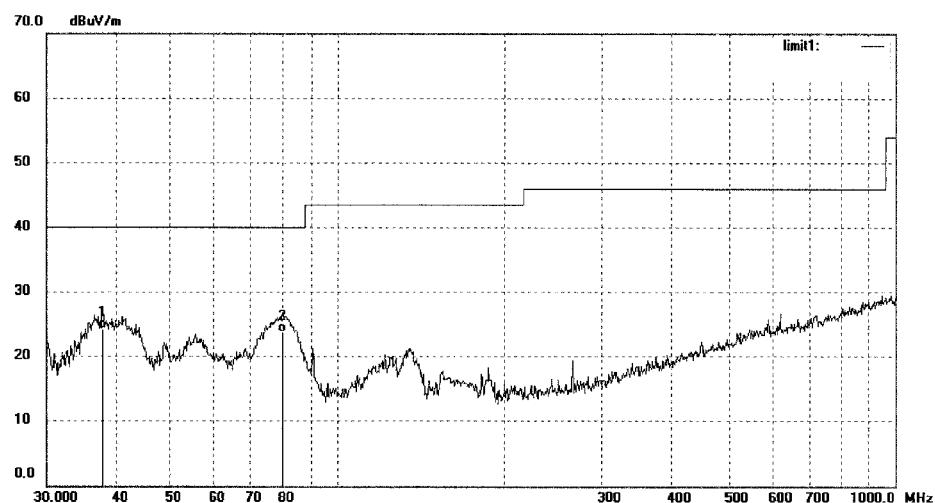


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #363	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.8121	35.21	-11.05	24.16	40.00	-15.84	QP			
2	79.8002	40.28	-16.52	23.76	40.00	-16.24	QP			

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #365

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

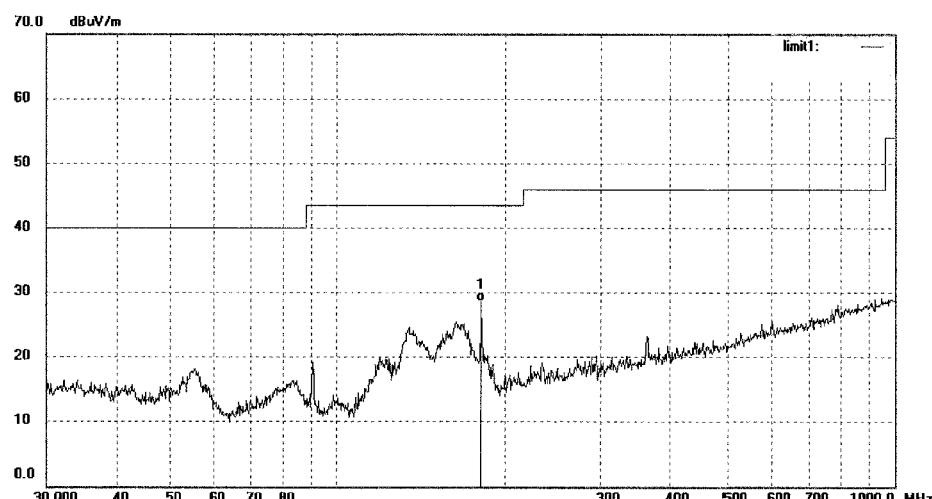
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	41.95	-13.28	28.67	43.50	-14.83	QP			

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #364

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

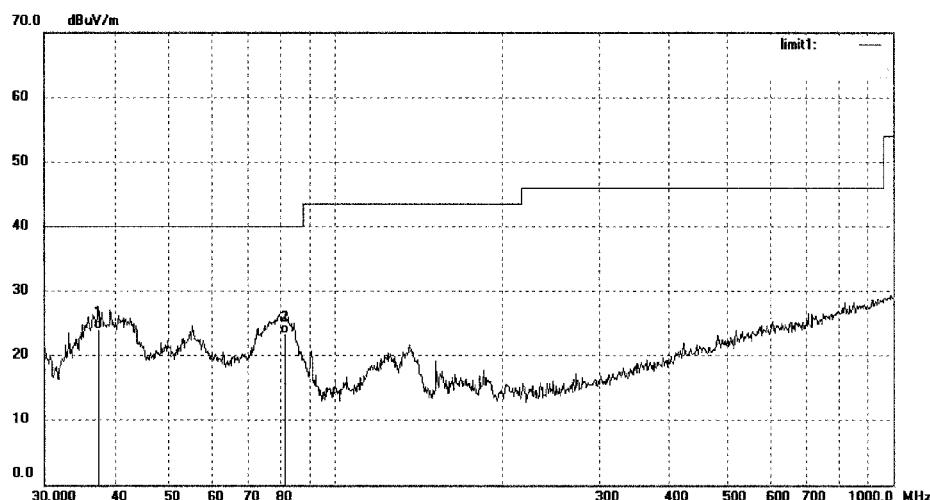
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.4165	35.06	-10.96	24.10	40.00	-15.90	QP			
2	81.4970	39.57	-16.18	23.39	40.00	-16.61	QP			

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #428

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

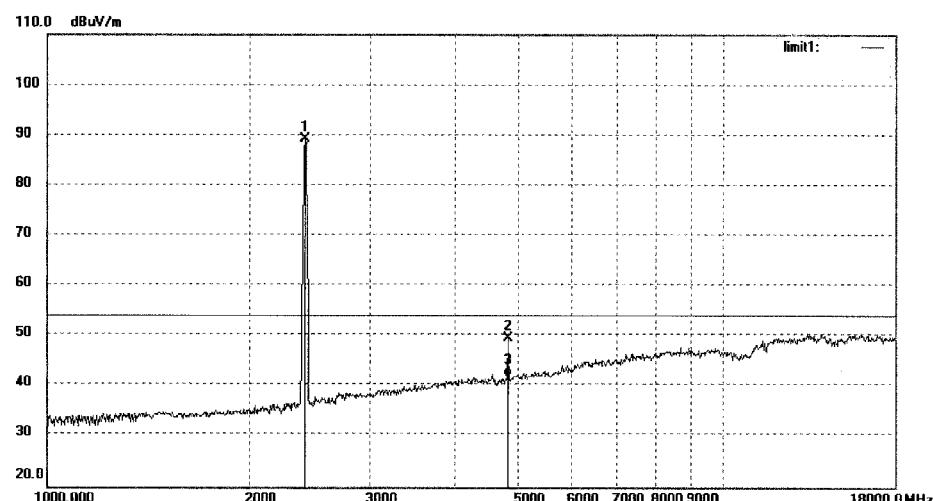
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	96.55	-7.43	89.12	/	/	peak			
2	4824.248	49.73	-0.19	49.54	74.00	-24.46	peak			
3	4824.248	42.13	-0.19	41.94	54.00	-12.06	AVG			

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #427

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

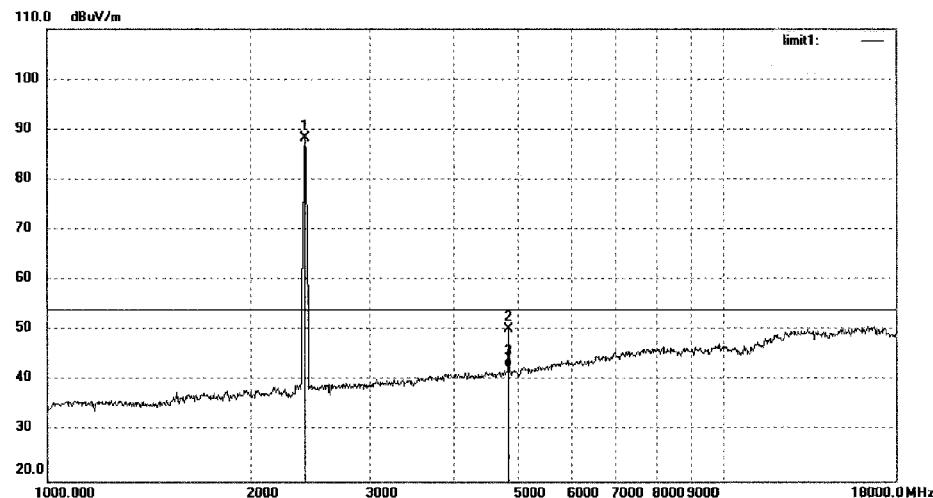
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	95.68	-7.43	88.25	/	/	peak			
2	4824.255	50.39	-0.19	50.20	74.00	-23.80	peak			
3	4824.255	42.77	-0.19	42.58	54.00	-11.42	AVG			

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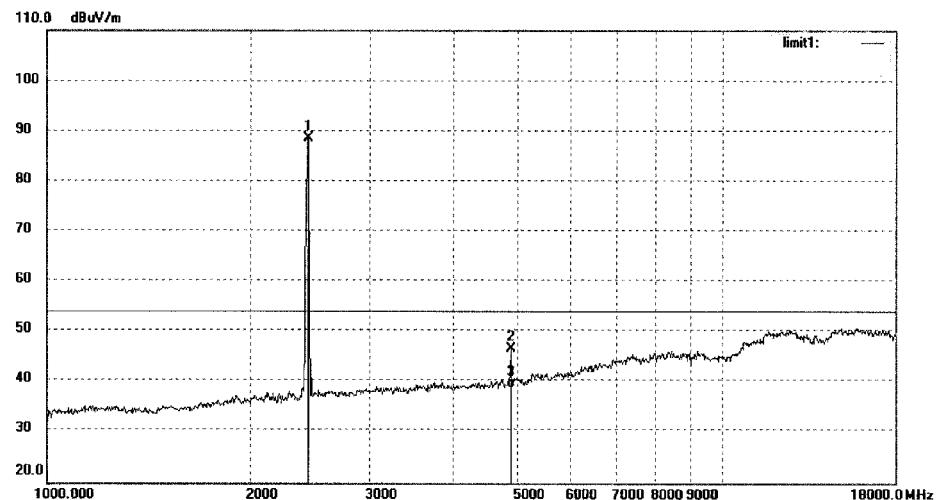


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #432	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	95.96	-7.36	88.60	/	/	peak			
2	4874.265	46.58	0.09	46.67	74.00	-27.33	peak			
3	4874.265	38.78	0.09	38.87	54.00	-15.13	AVG			

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #431

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

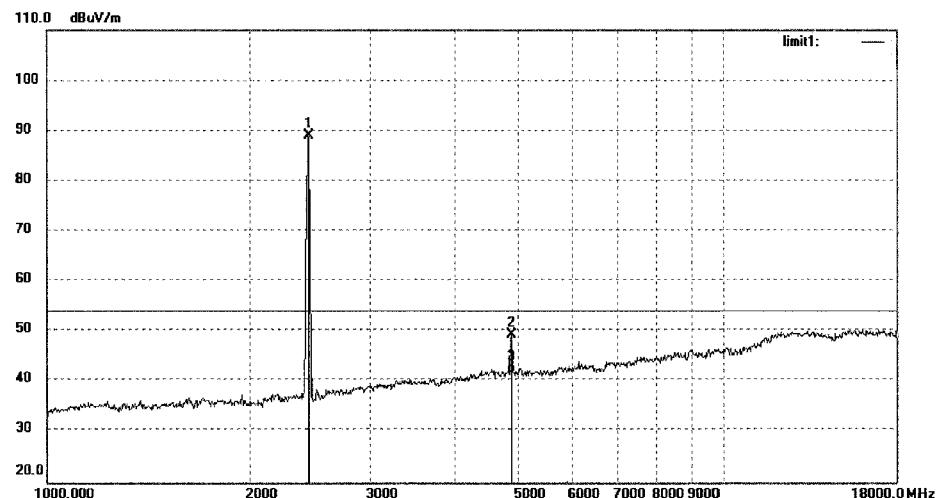
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	96.26	-7.36	88.90	/	/	peak			
2	4874.239	49.35	0.09	49.44	74.00	-24.56	peak			
3	4874.239	41.62	0.09	41.71	54.00	-12.29	AVG			

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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #433

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

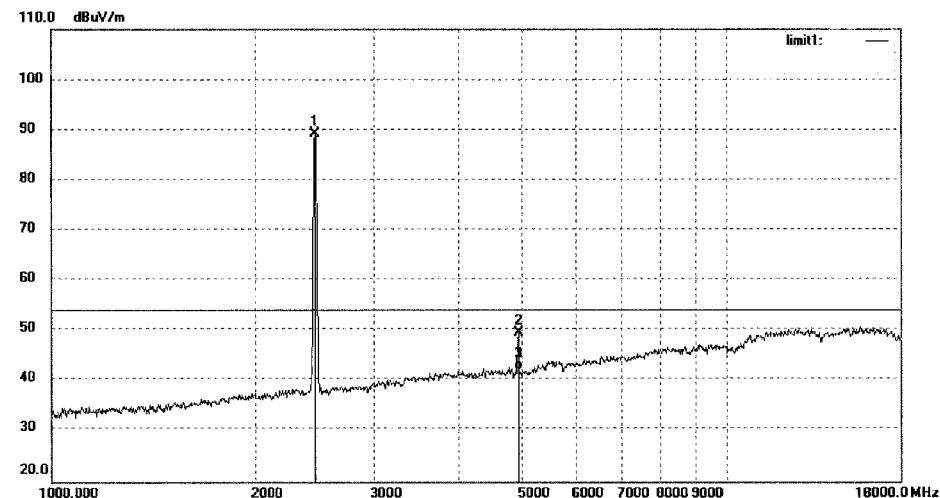
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	96.56	-7.35	89.21	/	/	peak			
2	4924.255	49.30	0.34	49.64	74.00	-24.36	peak			
3	4924.255	41.75	0.34	42.09	54.00	-11.91	AVG			

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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #434

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

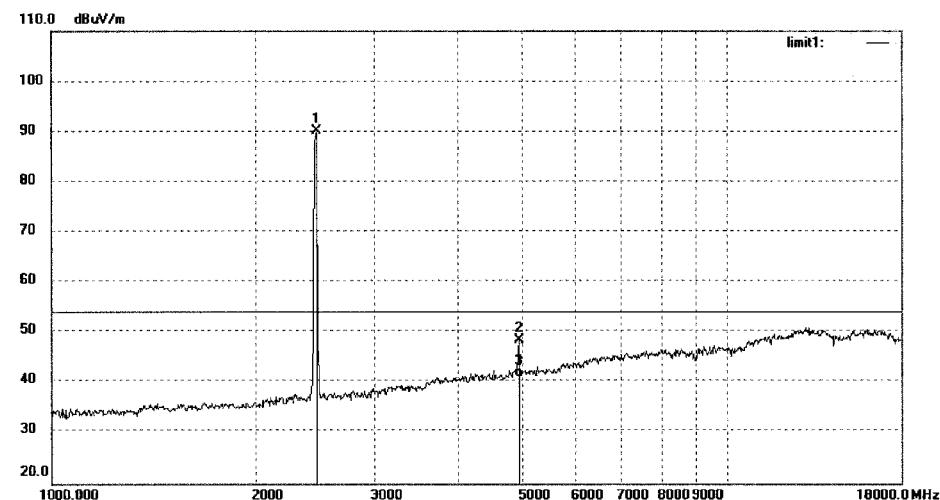
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	97.37	-7.35	90.02	/	/	peak			
2	4924.312	48.11	0.34	48.45	74.00	-25.55	peak			
3	4924.312	40.62	0.34	40.96	54.00	-13.04	AVG			

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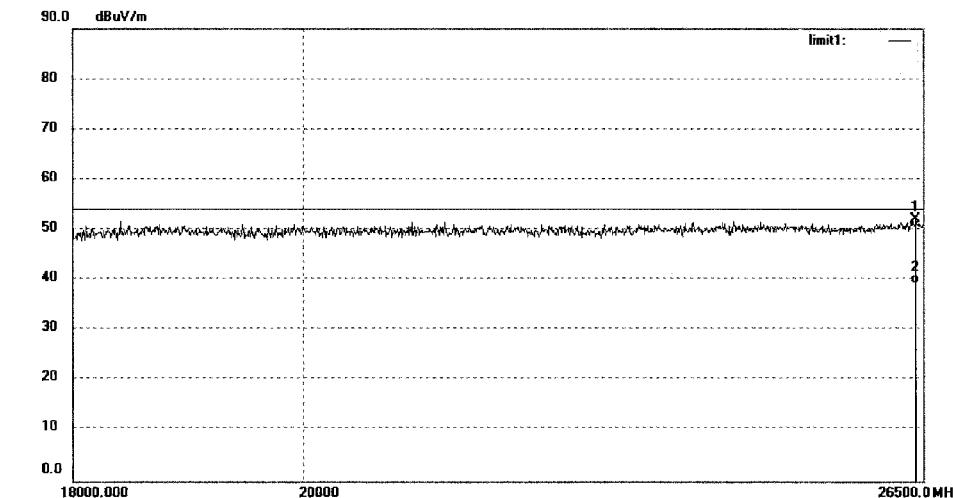


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #594	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26417.967	35.50	16.50	52.00	74.00	-22.00	peak			
2	26417.967	22.77	16.50	39.27	54.00	-14.73	AVG			

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #593

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

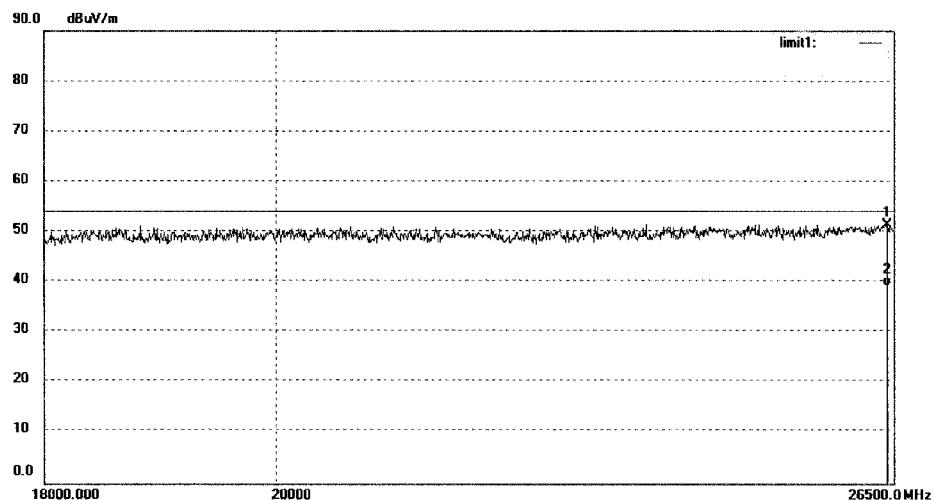
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	34.96	16.50	51.46	74.00	-22.54	peak			
2	26428.207	22.74	16.50	39.24	54.00	-14.76	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #596

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

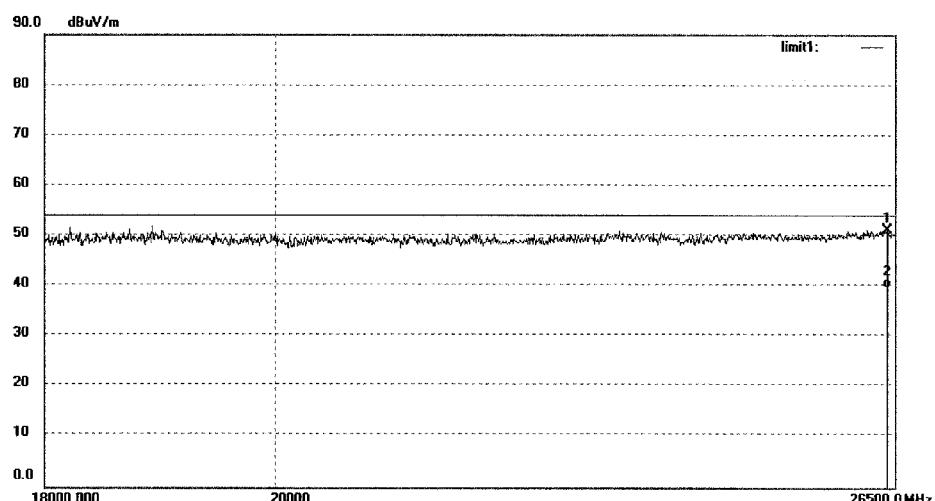
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	34.32	16.96	51.28	74.00	-22.72	peak			
2	26407.731	22.70	16.96	39.66	54.00	-14.34	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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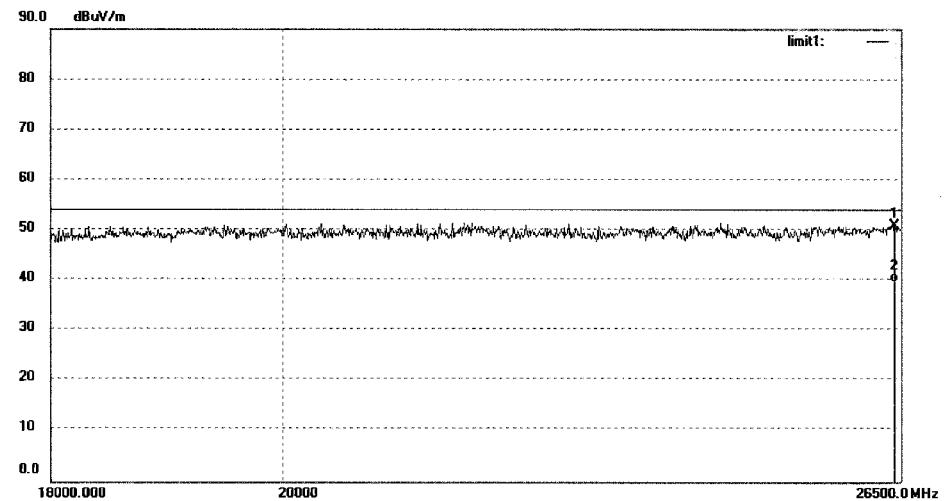


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #595	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	34.11	16.95	51.06	74.00	-22.94	peak			
2	26428.207	22.75	16.95	39.70	54.00	-14.30	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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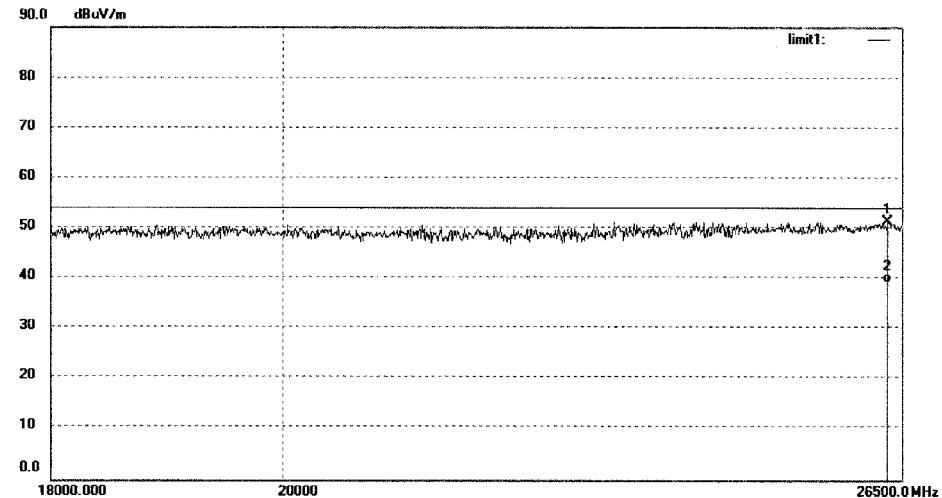


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #597	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26336.188	34.93	16.50	51.43	74.00	-22.57	peak			
2	26336.188	22.85	16.50	39.35	54.00	-14.65	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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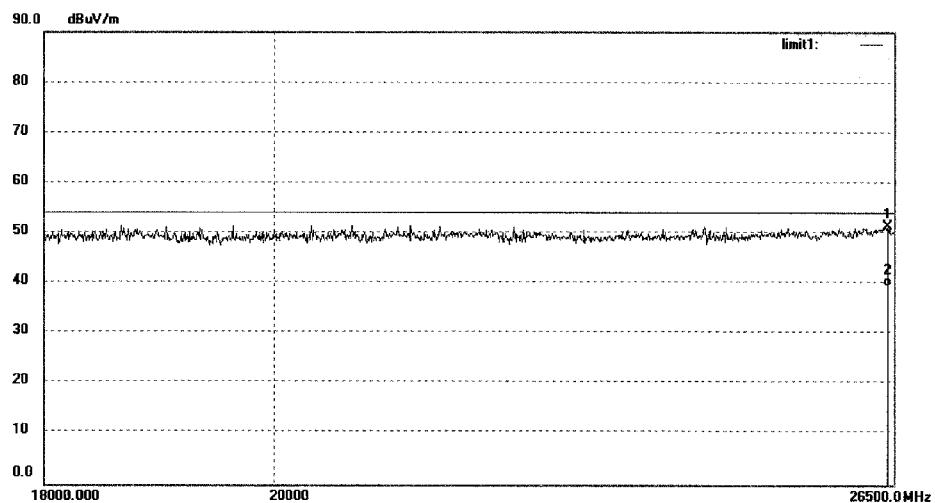


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #598	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	34.84	16.50	51.34	74.00	-22.66	peak			
2	26428.207	23.07	16.50	39.57	54.00	-14.43	AVG			

**Prüfbericht - Nr.: 17048716 002**  
Test Report No.

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**Test Plot of Band Edge of 802.11g**



**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #429

Polarization: Horizontal

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

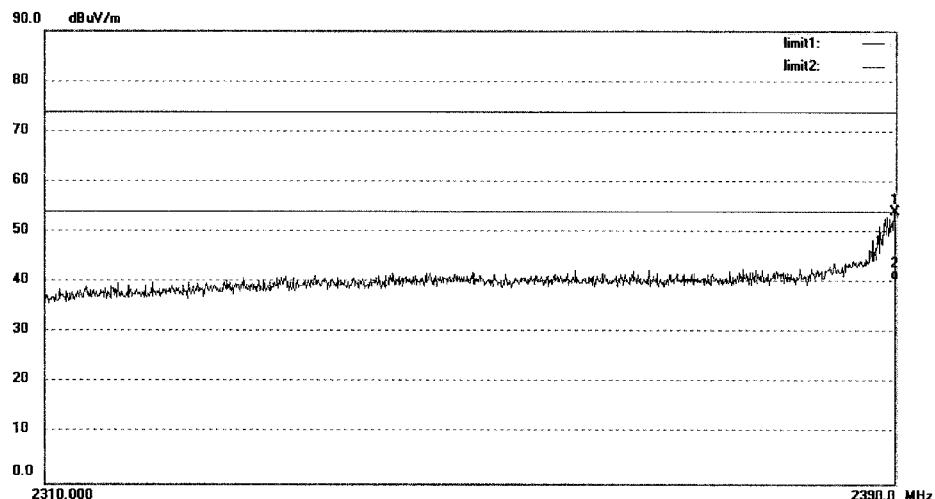
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.920	61.55	-7.53	54.02	74.00	-19.98	peak			
2	2389.920	48.23	-7.53	40.70	54.00	-13.30	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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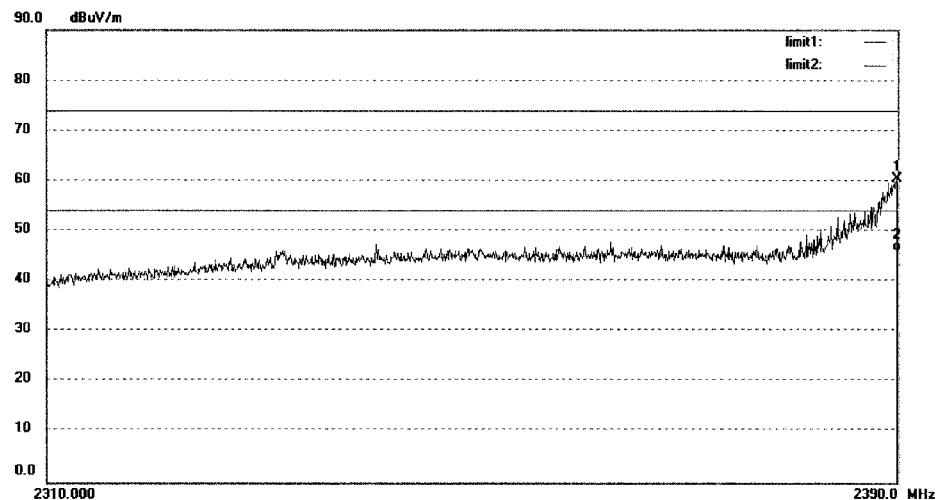


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #430	Polarization:	Vertical
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.920	68.02	-7.53	60.49	74.00	-13.51	peak			
2	2389.920	53.54	-7.53	46.01	54.00	-7.99	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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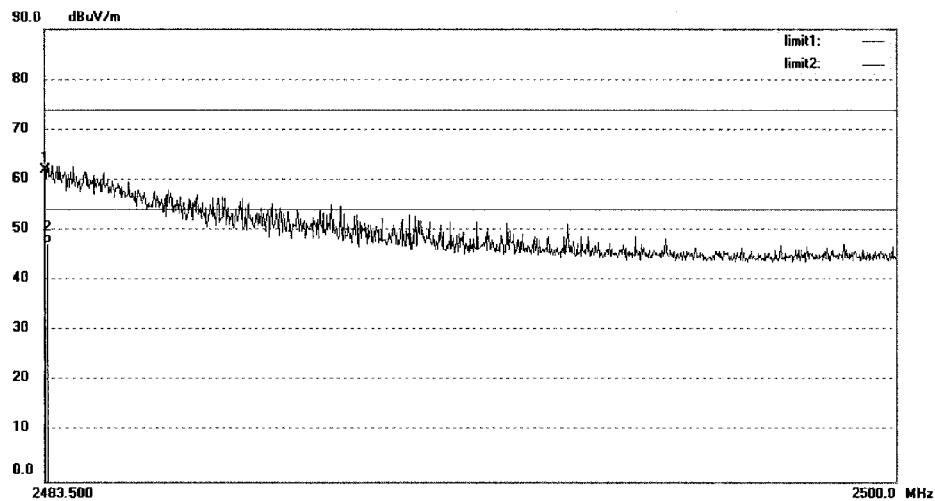


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #436	Polarization:	Horizontal
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	69.40	-7.37	62.03	74.00	-11.97	peak			
2	2483.500	54.68	-7.37	47.31	54.00	-6.69	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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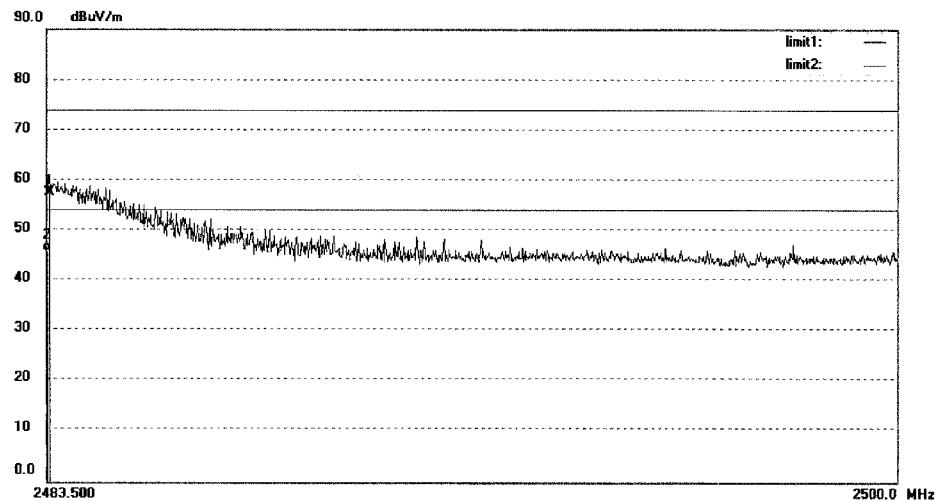


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #435	Polarization:	Vertical
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



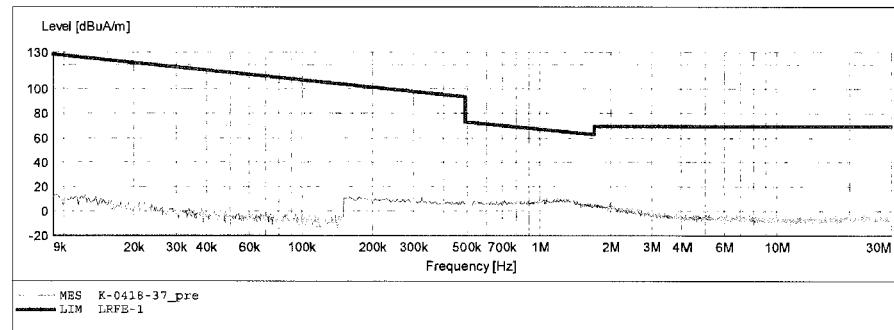
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.533	64.80	-7.37	57.43	74.00	-16.57	peak			
2	2483.533	53.26	-7.37	45.89	54.00	-8.11	Avg			

Prüfbericht - Nr.: **17048716 002**  
Test Report No.Seite 93 von 226  
Page 93 of 226**Test Plot of Spurious Emission of 802.11n HT20****ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2412MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: X

**SCAN TABLE: "LFRE\_Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

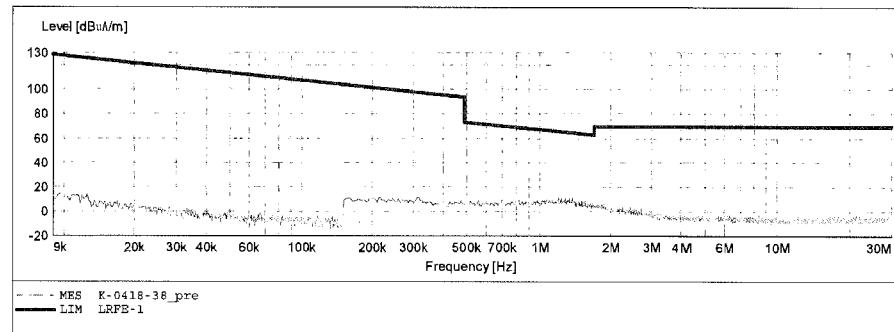


Prüfbericht - Nr.: **17048716 002**  
Test Report No.Seite 94 von 226  
Page 94 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2412MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Y

**SCAN TABLE: "LFRE Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

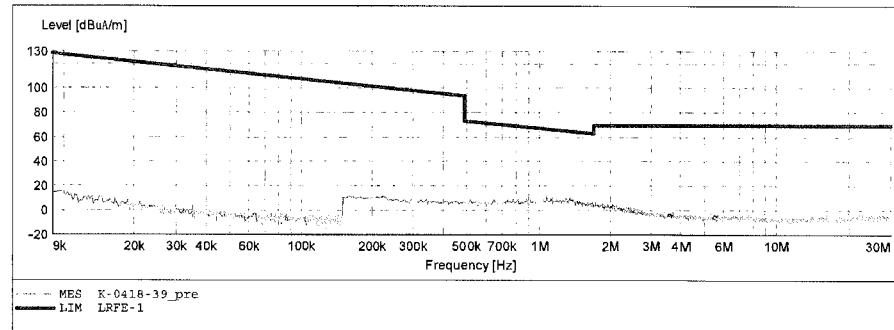


**Prüfbericht - Nr.: 17048716 002**  
*Test Report No.*Seite 95 von 226  
Page 95 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2412MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Z

**SCAN TABLE: "LFRE Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

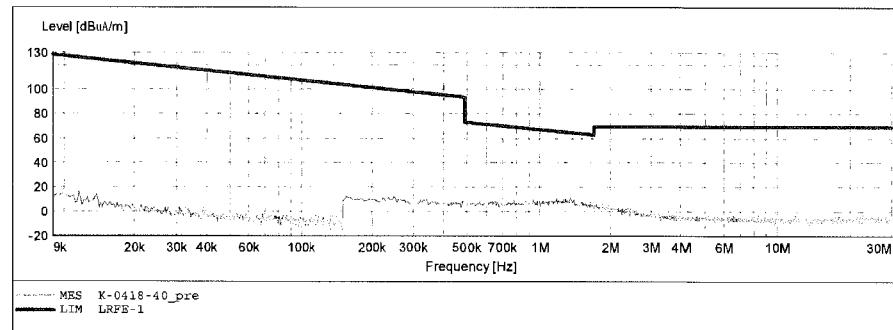


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 96 von 226  
Page 96 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2437MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: X

**SCAN TABLE: "LFRE Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

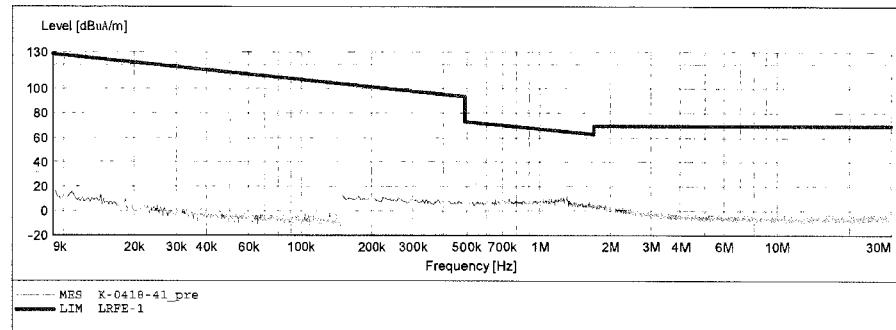


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 97 von 226  
Page 97 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2437MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Y

**SCAN TABLE: "LFRE Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

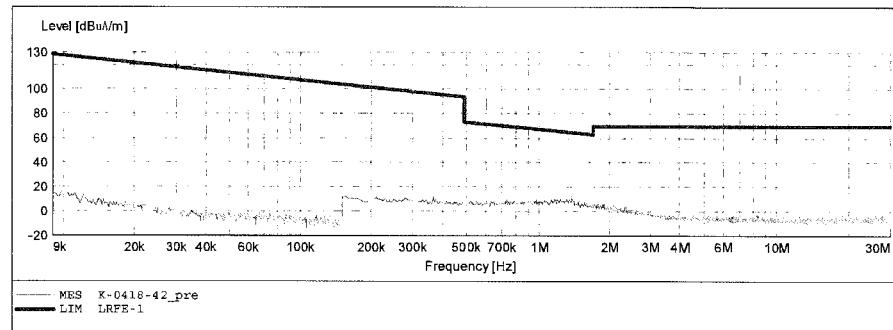


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 98 von 226  
Page 98 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

BUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2437MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Z

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Time	Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

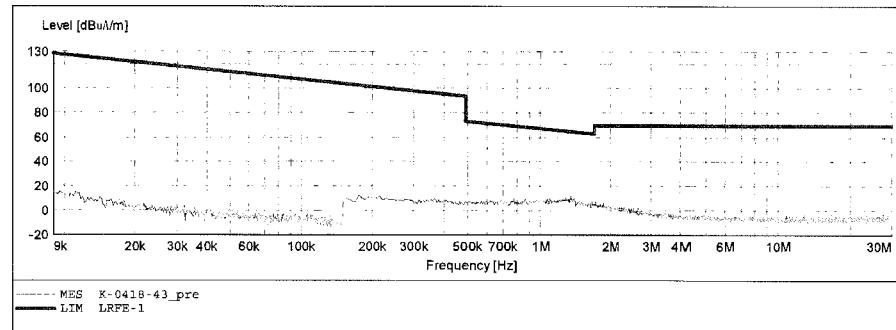


**Prüfbericht - Nr.: 17048716 002**  
*Test Report No.*Seite 99 von 226  
Page 99 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2462MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: X

**SCAN TABLE: "LFRE Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

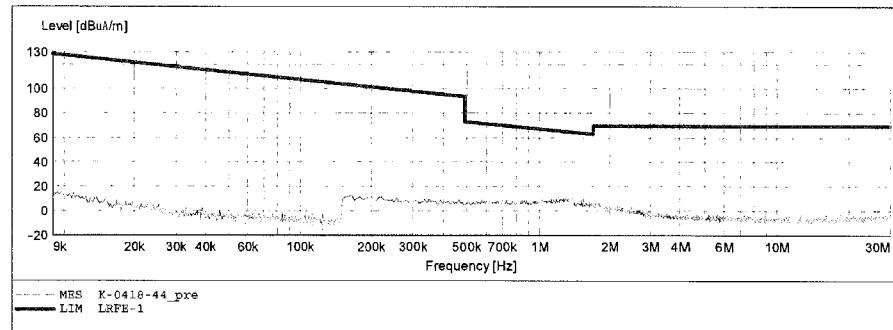


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 100 von 226  
Page 100 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

BUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer: TX 2462MHz  
Operating Condition: 2# Chamber  
Test Site: LAN  
Operator: AC 120V/60Hz  
Test Specification: Comment: Y

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Time	Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

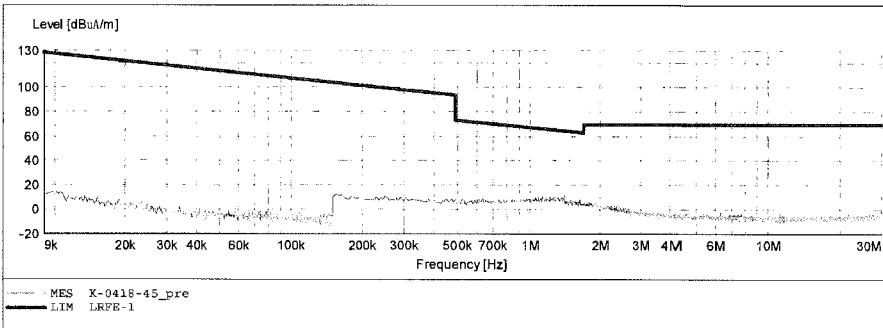


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 101 von 226  
Page 101 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

BUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2462MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Z

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Time	Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #366

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

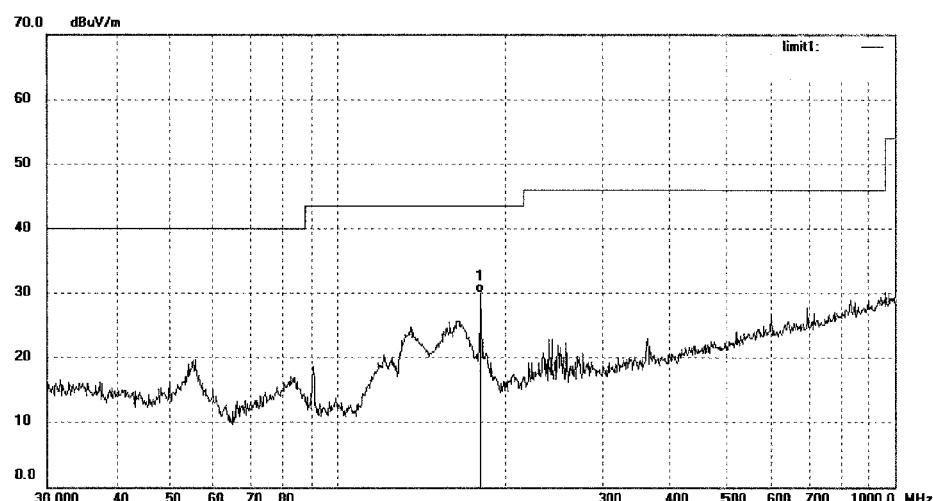
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	43.27	-13.28	29.99	43.50	-13.51	QP			

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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #367

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

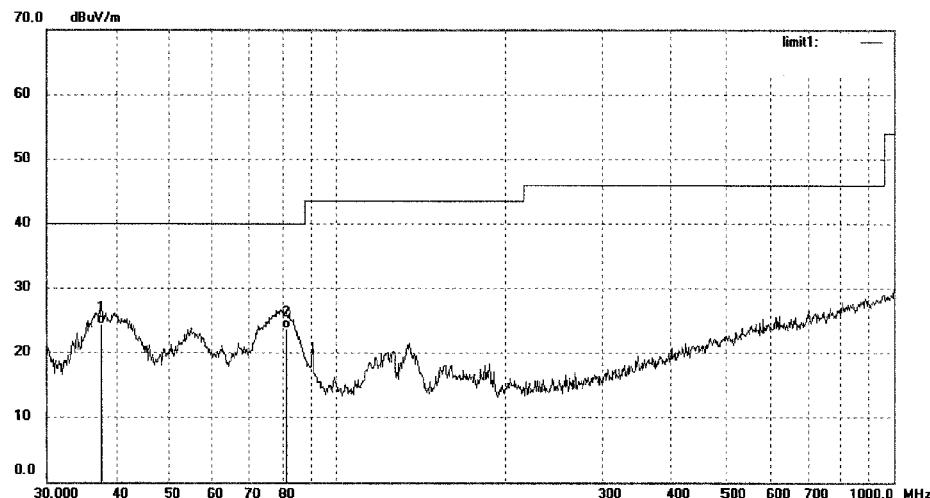
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.5478	35.37	-10.99	24.38	40.00	-15.62	QP			
2	81.2116	39.88	-16.25	23.63	40.00	-16.37	QP			

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #369

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

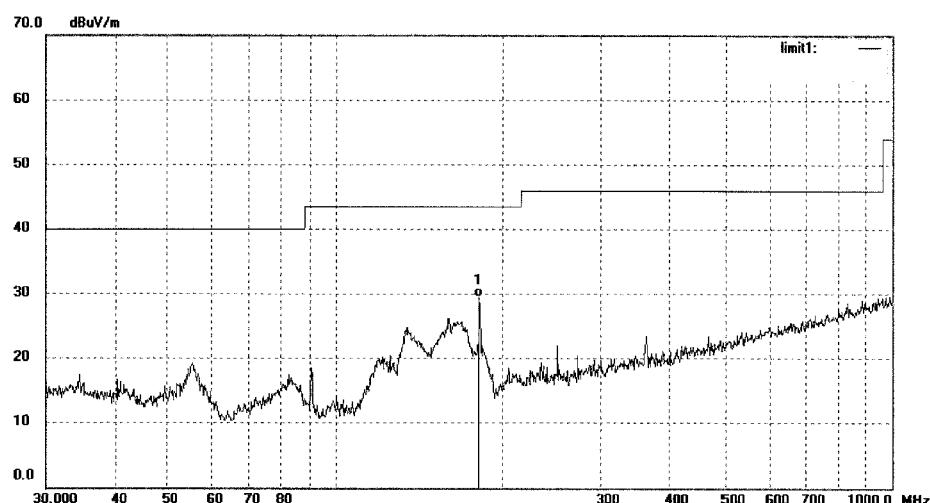
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	42.73	-13.28	29.45	43.50	-14.05	QP			

**Prüfbericht - Nr.:** **17048716 002**  
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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #368

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

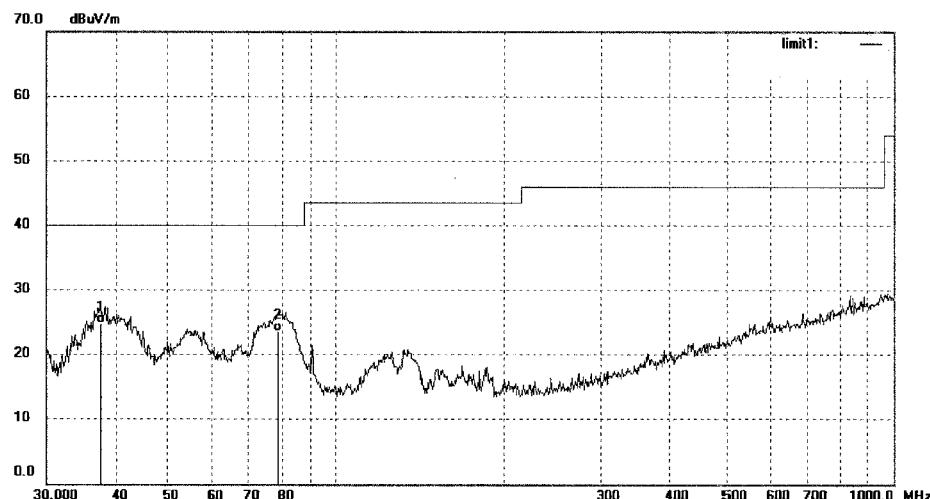
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.6798	35.87	-11.02	24.85	40.00	-15.15	QP			
2	78.6888	40.07	-16.58	23.49	40.00	-16.51	QP			

**Prüfbericht - Nr.:** **17048716 002**  
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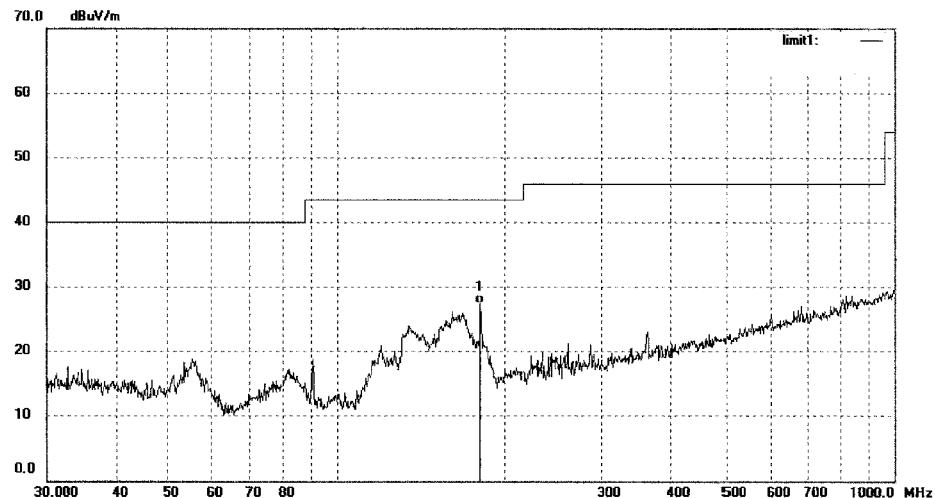


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #370	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	40.60	-13.28	27.32	43.50	-16.18	QP			

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #371

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

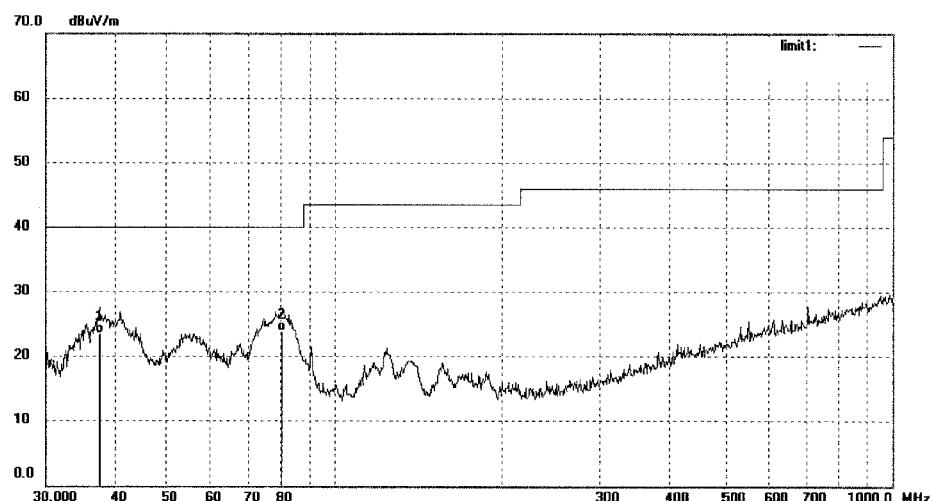
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.6798	34.56	-11.02	23.54	40.00	-16.46	QP			
2	80.3619	40.34	-16.43	23.91	40.00	-16.09	QP			

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #437

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

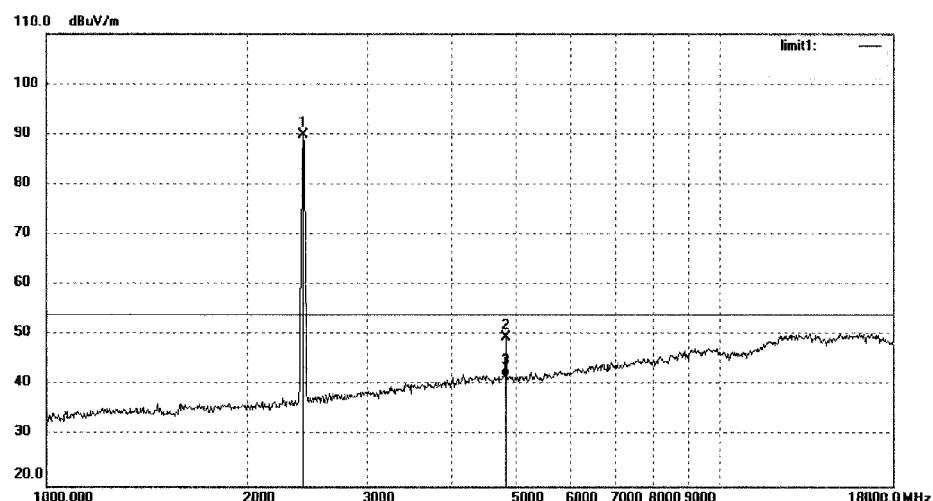
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	97.40	-7.43	89.97	/	/	peak			
2	4824.246	49.70	-0.19	49.51	74.00	-24.49	peak			
3	4824.246	41.97	-0.19	41.78	54.00	-12.22	AVG			

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #438

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

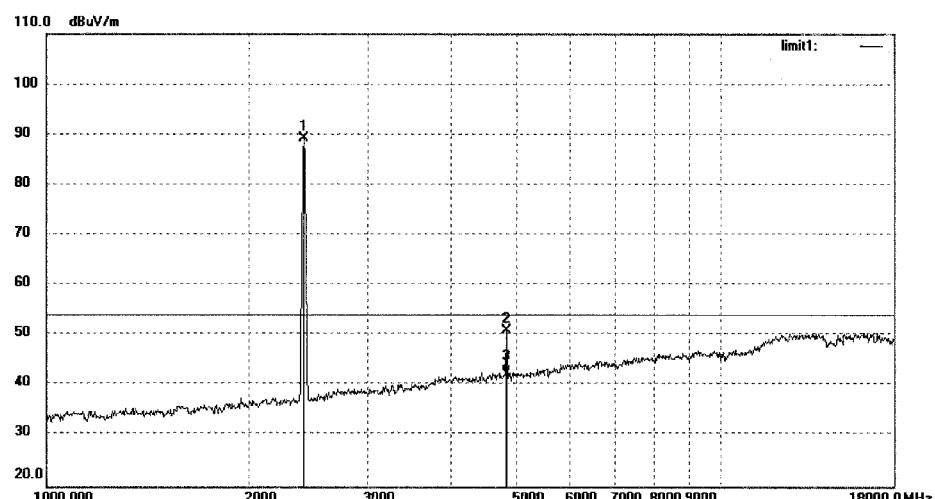
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	96.54	-7.43	89.11	/	/	peak			
2	4824.258	51.06	-0.19	50.87	74.00	-23.13	peak			
3	4824.258	42.84	-0.19	42.65	54.00	-11.35	AVG			

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #441

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

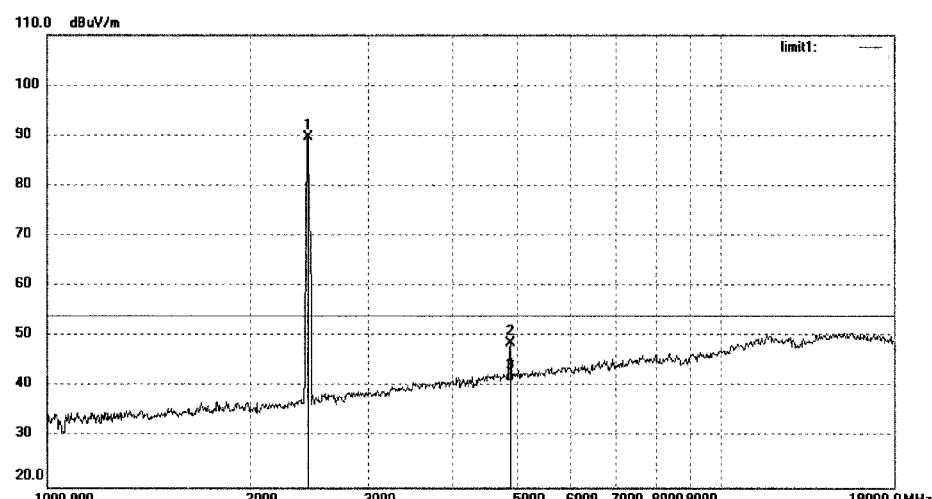
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	97.08	-7.36	89.72	/	/	peak			
2	4874.345	48.50	0.09	48.59	74.00	-25.41	peak			
3	4874.345	40.87	0.09	40.96	54.00	-13.04	AVG			

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #442

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

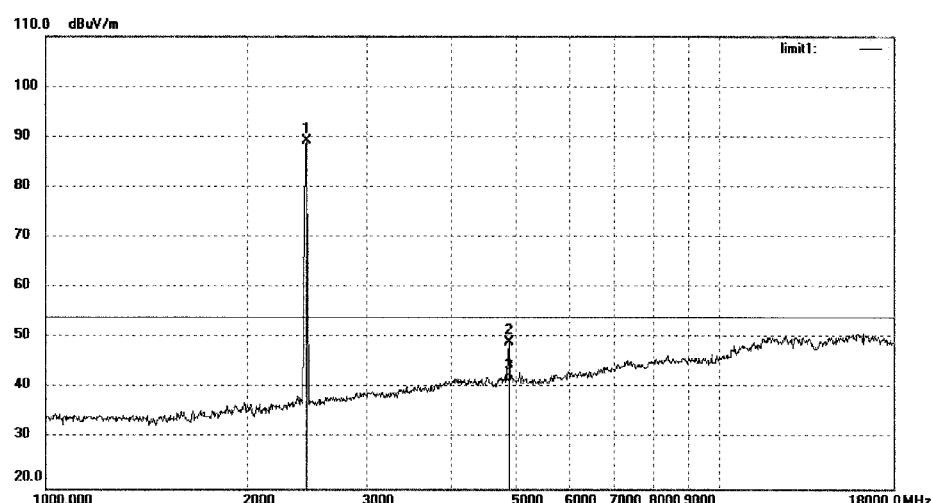
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	96.60	-7.36	89.24	/	/	peak			
2	4874.274	48.96	0.09	49.05	74.00	-24.95	peak			
3	4874.274	41.26	0.09	41.35	54.00	-12.65	AVG			

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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #444

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

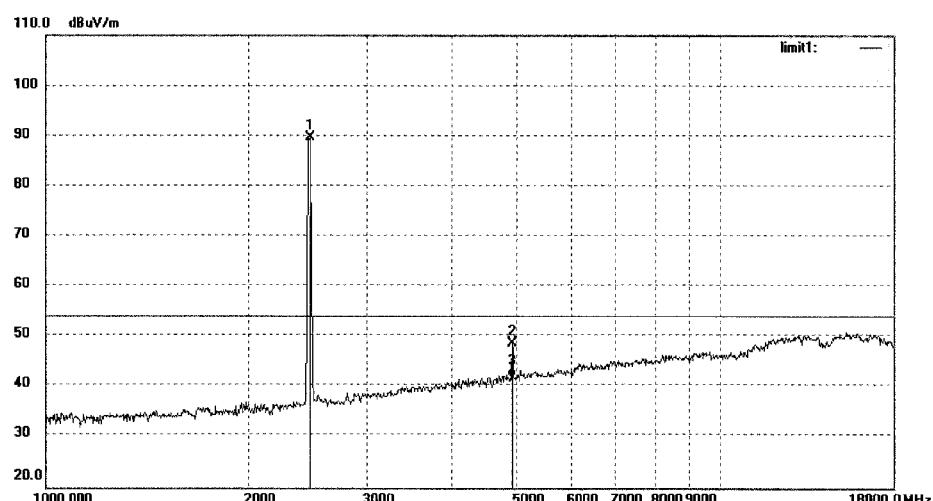
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	96.94	-7.35	89.59	/	/	peak			
2	4924.250	48.28	0.34	48.62	74.00	-25.38	peak			
3	4924.250	41.53	0.34	41.87	54.00	-12.13	AVG			

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #443

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

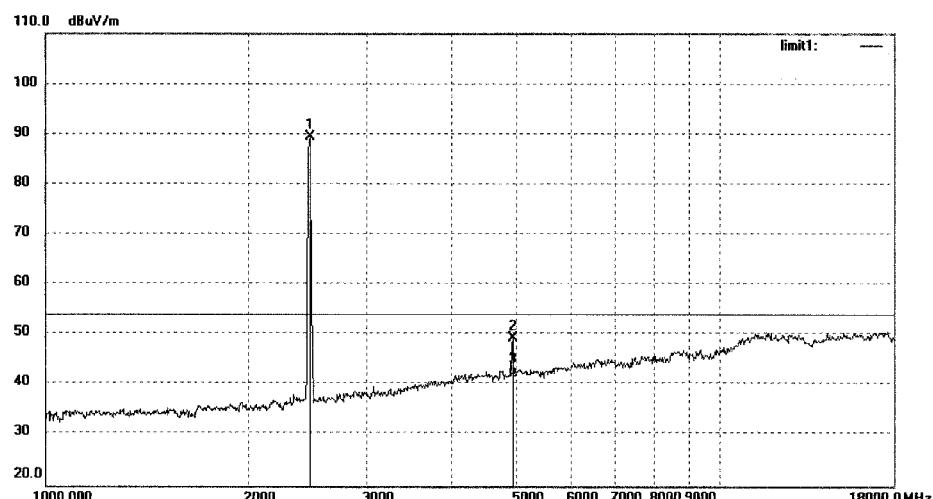
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	96.72	-7.35	89.37	/	/	peak			
2	4924.265	49.02	0.34	49.36	54.00	-4.64	peak			
3	4924.265	41.70	0.34	42.04	54.00	-11.96	AVG			

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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #600

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

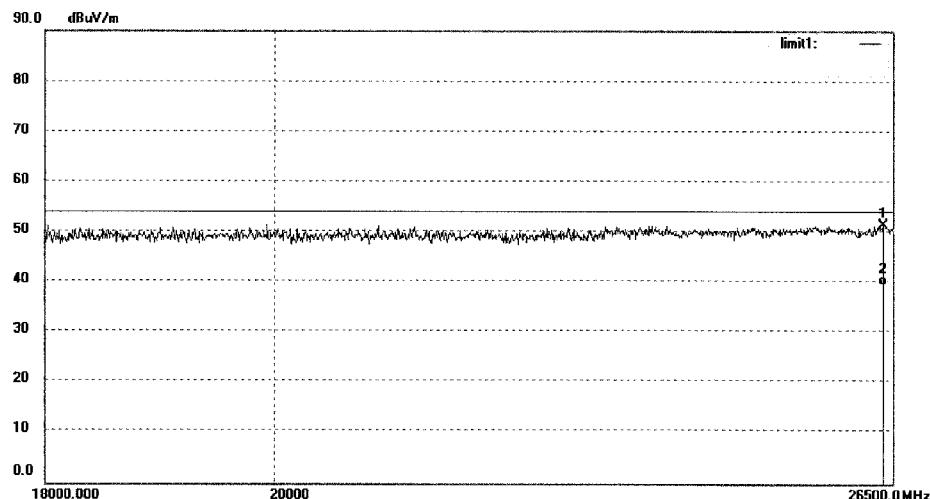
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26387.270	34.54	16.97	51.51	74.00	-22.49	peak			
2	26387.270	22.63	16.97	39.60	54.00	-14.40	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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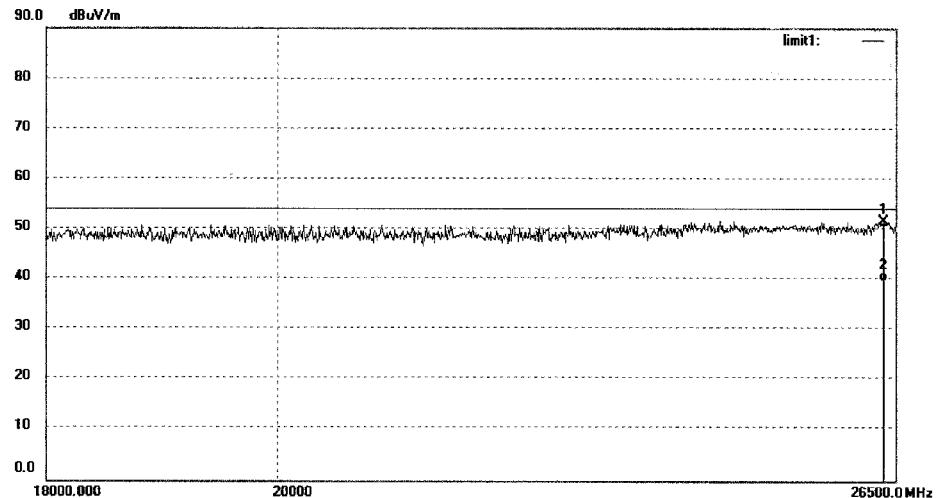


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #599	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26356.609	34.75	16.99	51.74	74.00	-22.26	peak			
2	26356.609	22.83	16.99	39.82	54.00	-14.18	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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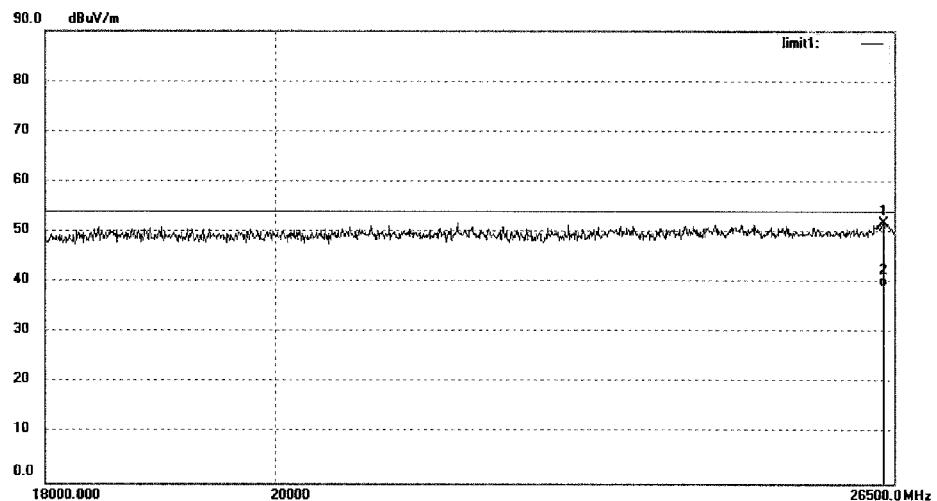


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #602	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26377.046	35.33	16.50	51.83	74.00	-22.17	peak			
2	26377.046	22.82	16.50	39.32	54.00	-14.68	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #601

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

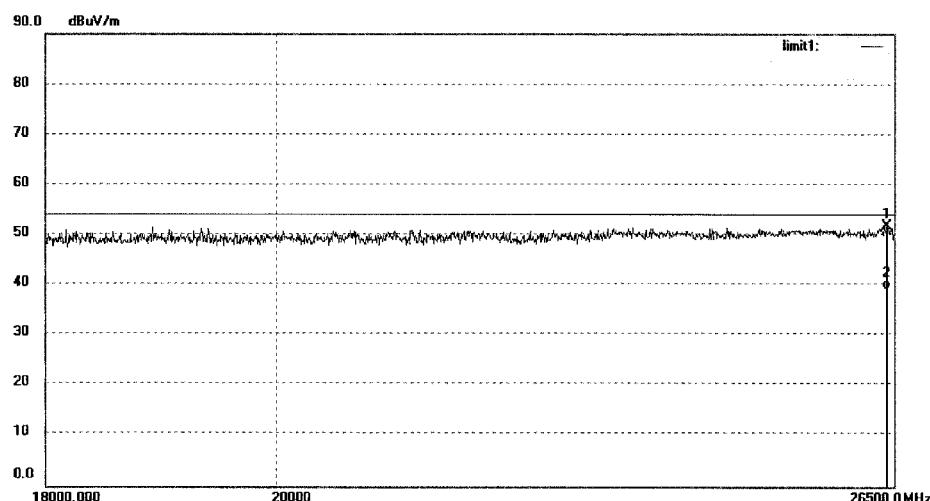
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26417.967	35.42	16.50	51.92	74.00	-22.08	peak			
2	26417.967	22.67	16.50	39.17	54.00	-14.83	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #604

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

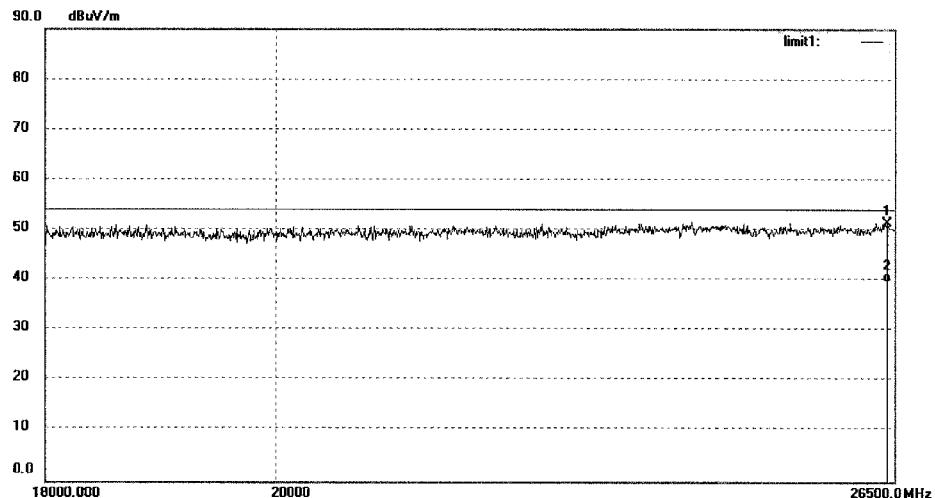
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	34.47	16.96	51.43	74.00	-22.57	peak			
2	26407.731	22.75	16.96	39.71	54.00	-14.29	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #603

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

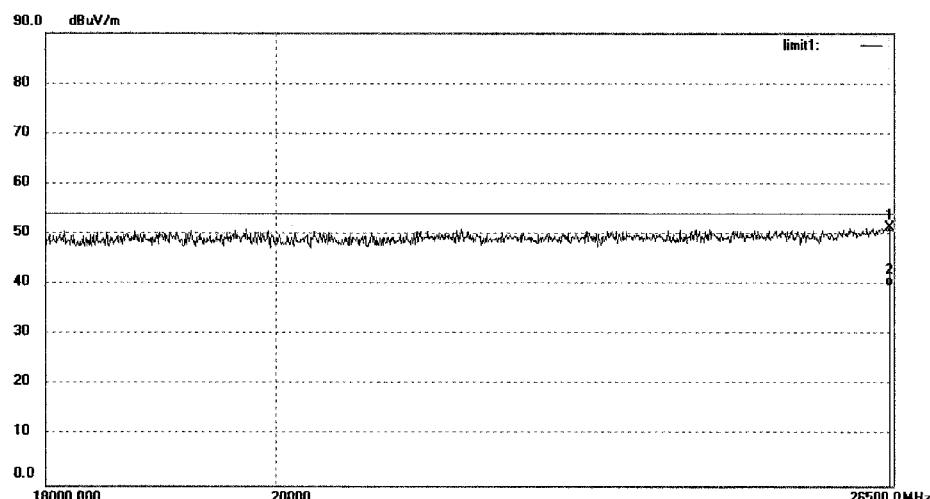
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26448.699	34.54	16.93	51.47	74.00	-22.53	peak			
2	26448.699	22.80	16.93	39.73	54.00	-14.27	AVG			

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Test Report No.

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**Test Plot of Band Edge of 802.11n HT20**



**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #440

Polarization: Horizontal

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

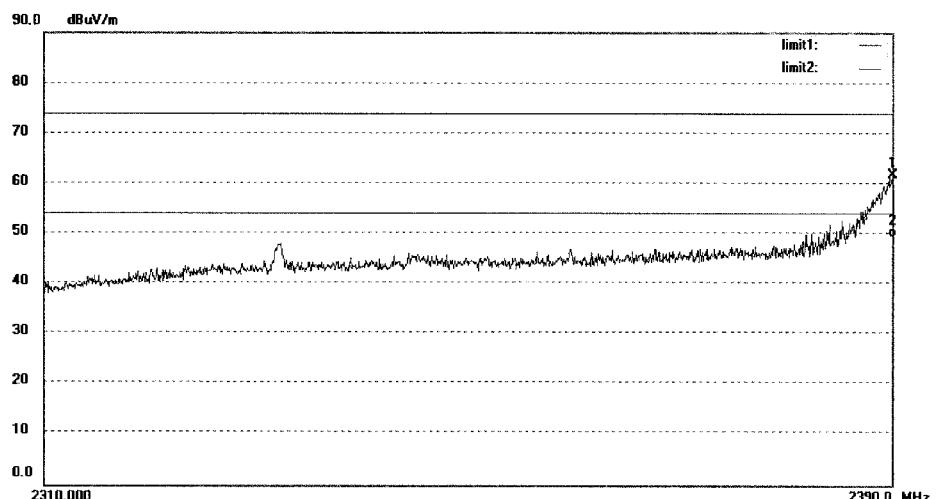
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	69.19	-7.53	61.66	74.00	-12.34	peak			
2	2390.000	57.02	-7.53	49.49	54.00	-4.51	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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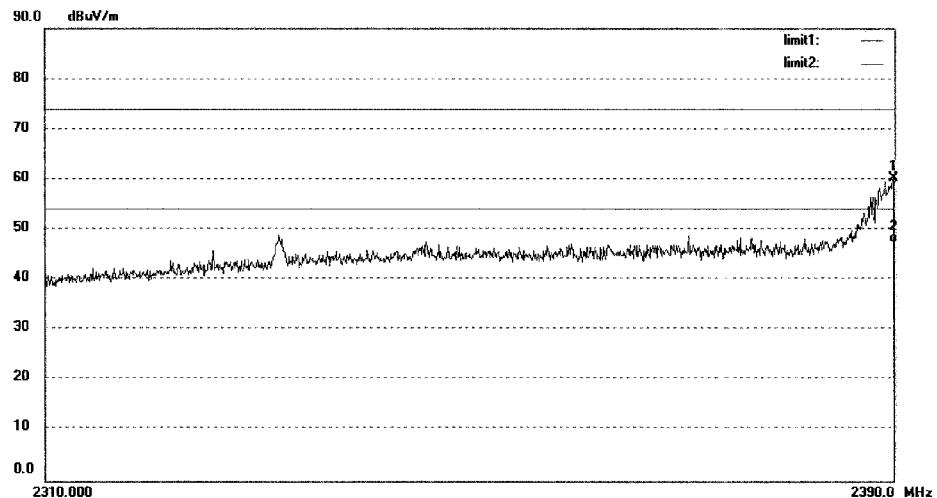


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #439	Polarization:	Vertical
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.920	67.66	-7.53	60.13	74.00	-13.87	peak			
2	2389.920	54.86	-7.53	47.33	54.00	-6.67	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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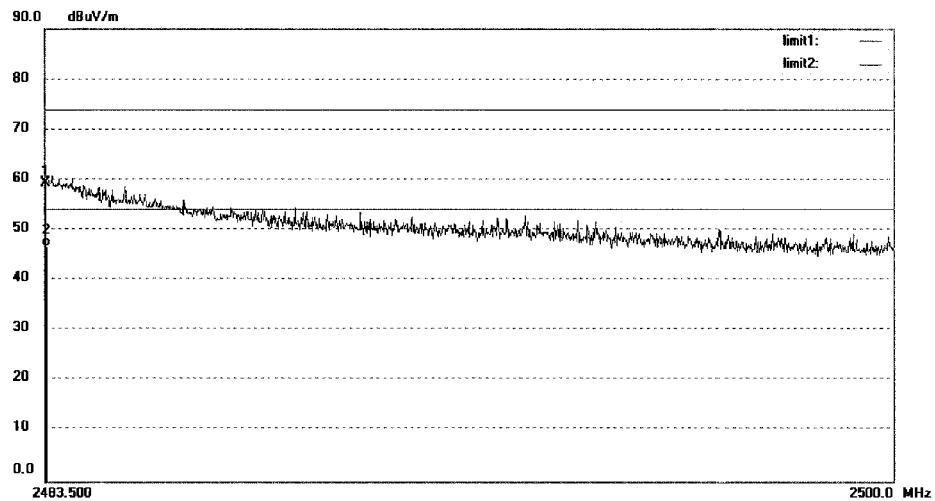


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #445	Polarization:	Horizontal
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C) / Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	66.64	-7.37	59.27	74.00	-14.73	peak			
2	2483.500	54.03	-7.37	46.66	54.00	-7.34	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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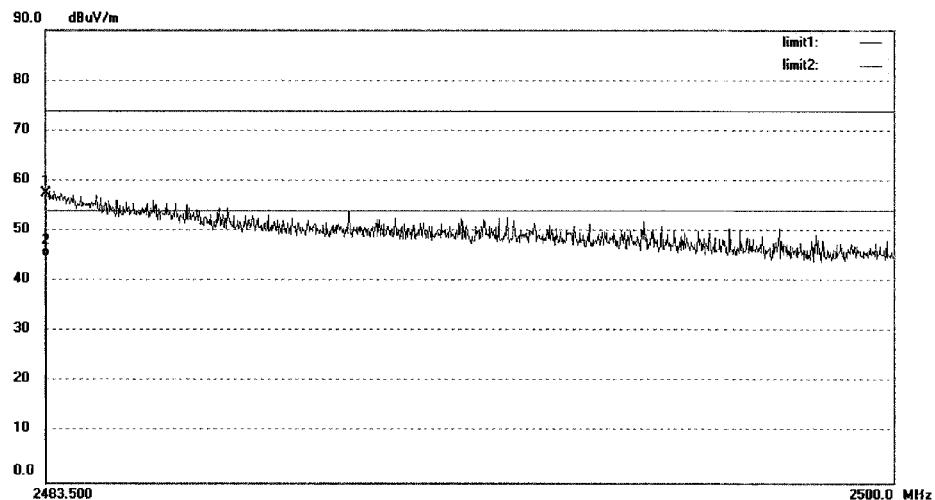


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #446	Polarization:	Vertical
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



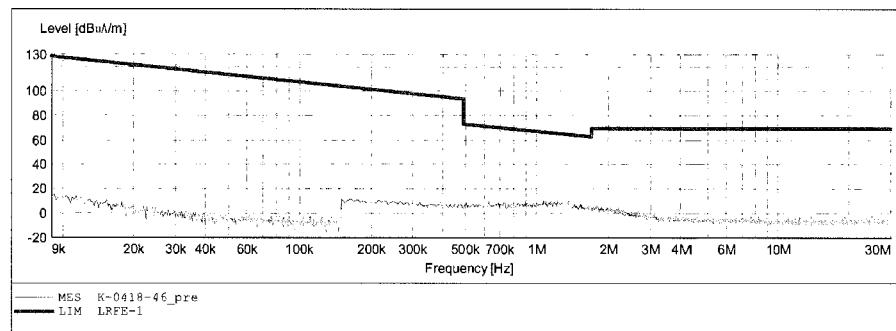
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	64.95	-7.37	57.58	74.00	-16.42	peak			
2	2483.500	52.33	-7.37	44.96	54.00	-9.04	AVG			

Prüfbericht - Nr.: **17048716 002**  
Test Report No.Seite 124 von 226  
Page 124 of 226**Test Plot of Spurious Emission of 802.11n HT40****ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2422MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: X

**SCAN TABLE: "LFRE\_Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M	
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M	

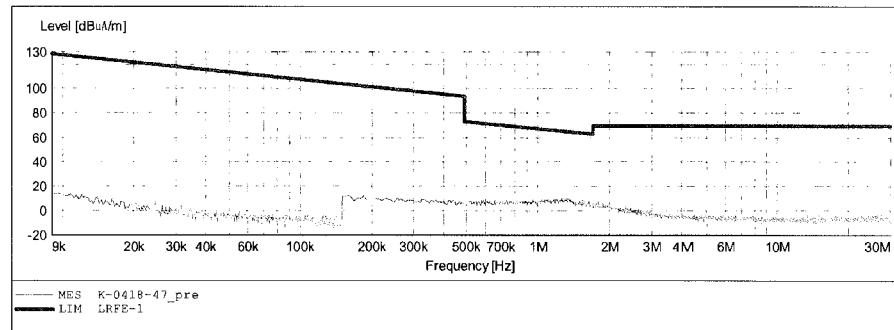


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 125 von 226  
Page 125 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2422MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Y

**SCAN TABLE: "LFRE\_Fin"**

Short Description: \_SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz 1516M  
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz 1516M

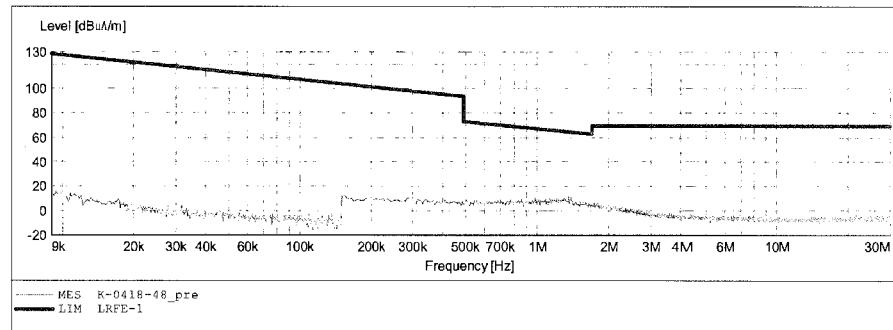


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 126 von 226  
Page 126 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer: TX 2422MHz  
Operating Condition: 2# Chamber  
Test Site: LAN  
Operator: AC 120V/60Hz  
Test Specification: Comment: Z

**SCAN TABLE: "LFRE Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

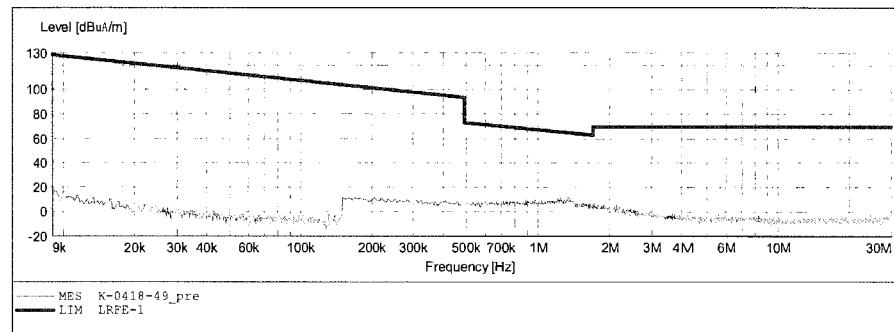


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 127 von 226  
Page 127 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2437MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: X

**SCAN TABLE: "LFRE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width		Time	Bandw.	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

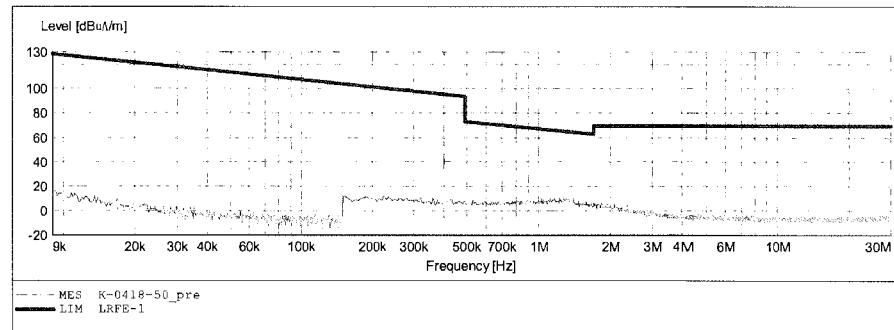


**Prüfbericht - Nr.: 17048716 002**  
*Test Report No.*Seite 128 von 226  
Page 128 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

BUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2437MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Y

**SCAN TABLE: "LRFE\_Fin"**

Short Description: SUB\_STD\_VTERM2 1.70  
Start Stop Step -Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz 1516M  
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz 1516M

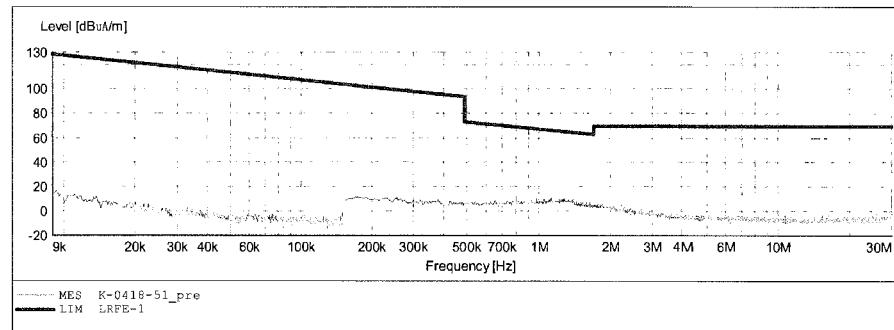


**Prüfbericht - Nr.: 17048716 002**  
*Test Report No.*Seite 129 von 226  
Page 129 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2437MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Z

**SCAN TABLE: "LRFRE\_Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

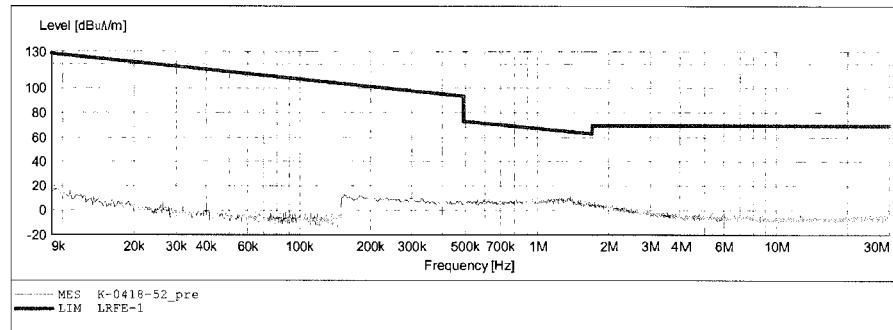


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 130 von 226  
Page 130 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2452MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: X

**SCAN TABLE: "LRFE Fin"**

Short Description: \_SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz 1516M  
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz 1516M

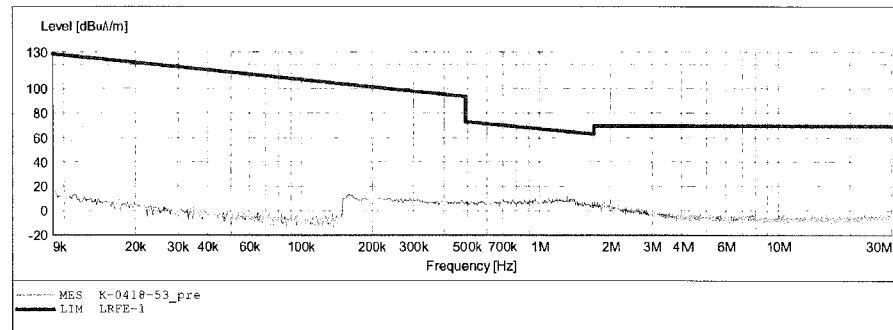


**Prüfbericht - Nr.: 17048716 002**  
Test Report No.Seite 131 von 226  
Page 131 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer:  
Operating Condition: TX 2452MHz  
Test Site: 2# Chamber  
Operator: LAN  
Test Specification: AC 120V/60Hz  
Comment: Y

**SCAN TABLE: "LFRE Fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

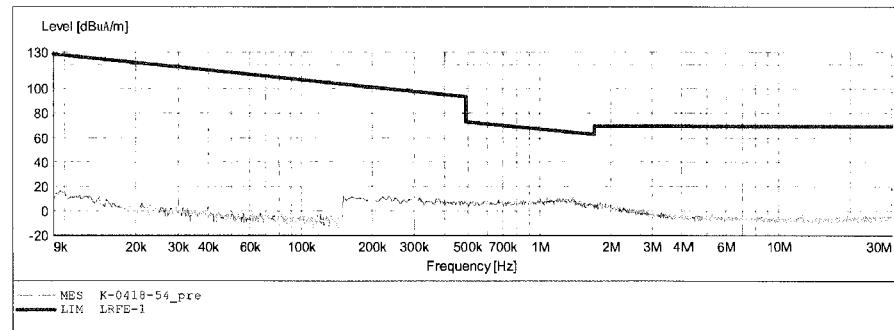


Prüfbericht - Nr.: **17048716 002**  
Test Report No.Seite 132 von 226  
Page 132 of 226**ACCURATE TECHNOLOGY CO., LTD****FCC Class B 3m Radiated**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
Manufacturer: TX 2452MHz  
Operating Condition: 2# Chamber  
Test Site: LAN  
Operator: AC 120V/60Hz  
Test Specification: Comment: Z

**SCAN TABLE: "LRFE Fin"**

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Time	Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #373

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

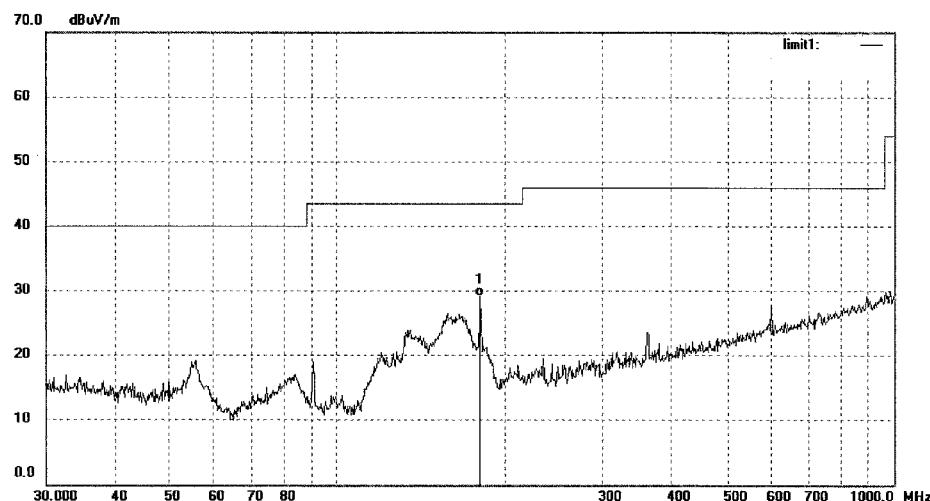
Mode: TX 2422MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	42.45	-13.28	29.17	43.50	-14.33	QP			

**Prüfbericht - Nr.: 17048716 002**  
Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #372

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

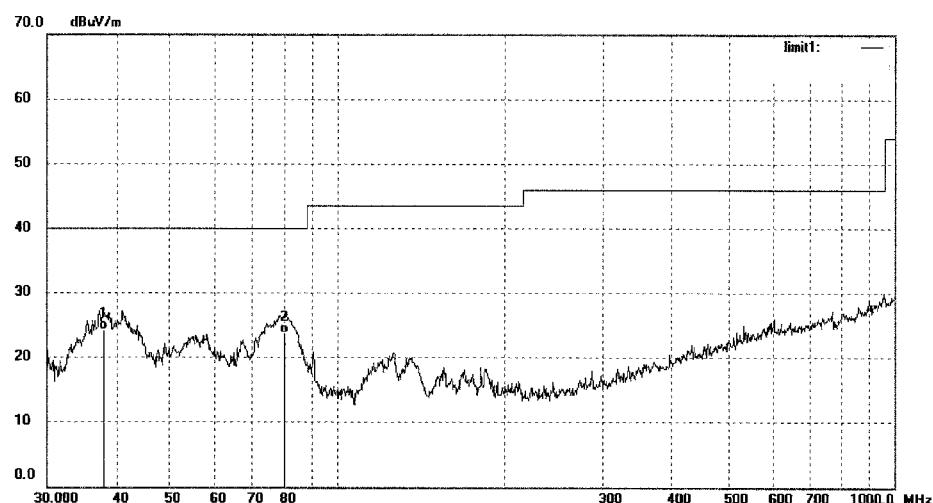
Mode: TX 2422MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.9450	35.33	-11.08	24.25	40.00	-15.75	QP			
2	80.0806	40.18	-16.49	23.69	40.00	-16.31	QP			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1 Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #374

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

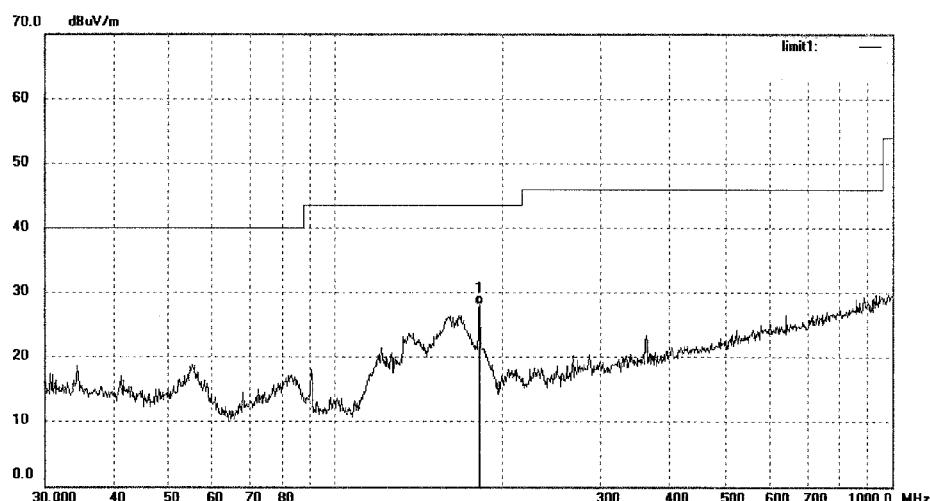
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.9201	41.33	-13.18	28.15	43.50	-15.35	QP			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #375

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

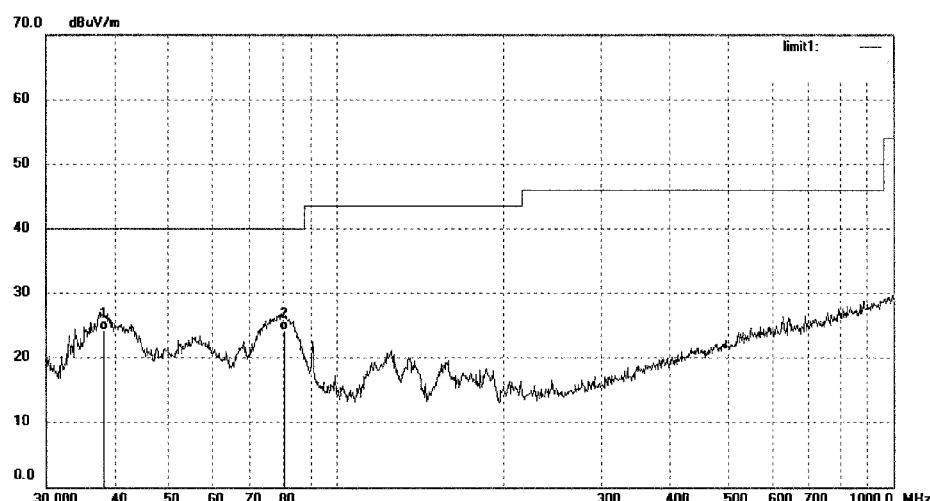
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.0782	35.41	-11.11	24.30	40.00	-15.70	QP			
2	80.6441	40.64	-16.36	24.28	40.00	-15.72	QP			

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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #377

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

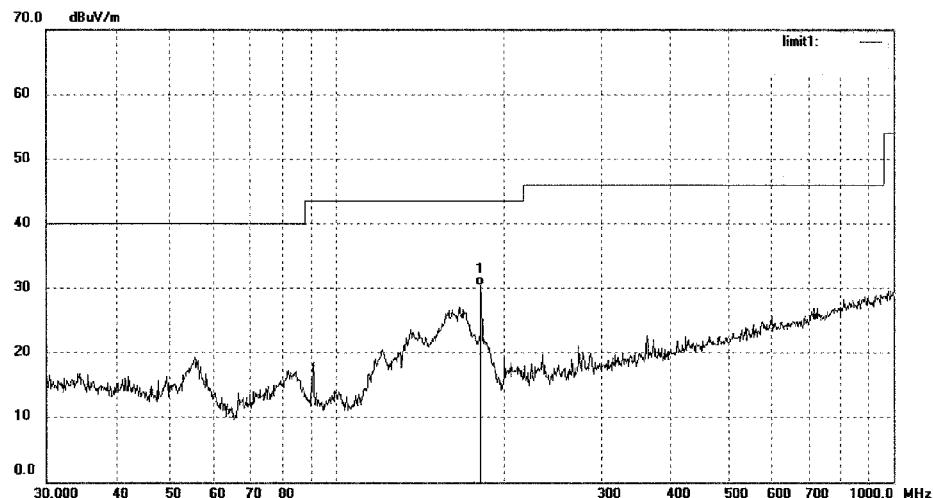
Mode: TX 2452MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	43.61	-13.28	30.33	43.50	-13.17	QP			

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Test Report No.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #376

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

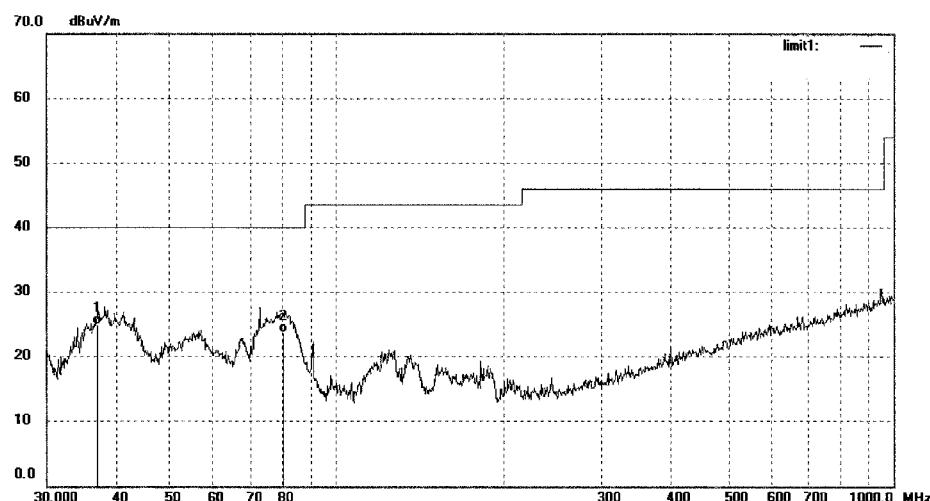
Mode: TX 2452MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.1550	35.88	-10.90	24.98	40.00	-15.02	QP			
2	80.3619	40.13	-16.43	23.70	40.00	-16.30	QP			

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Test Report No.

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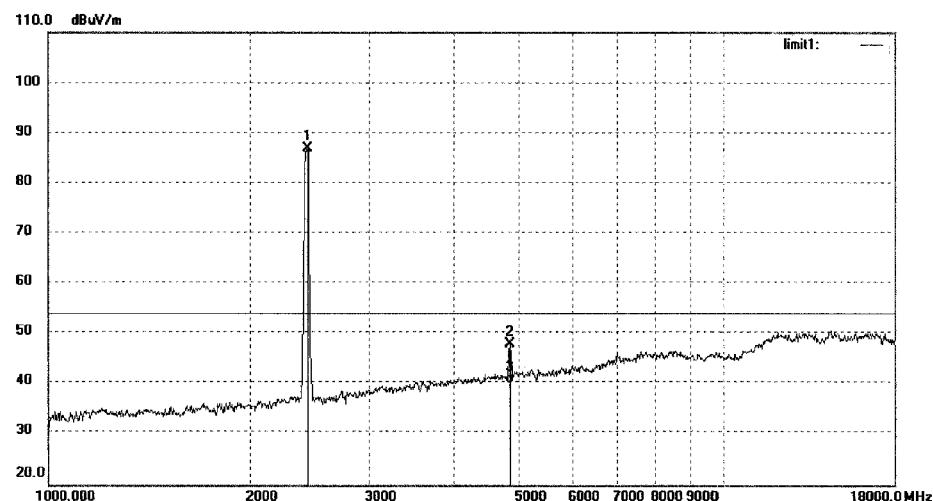


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #448	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2422MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.000	94.37	-7.40	86.97	/	/	peak			
2	4844.355	48.02	-0.07	47.95	74.00	-26.05	peak			
3	4844.355	40.18	-0.07	40.11	54.00	-13.89	AVG			

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #447

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

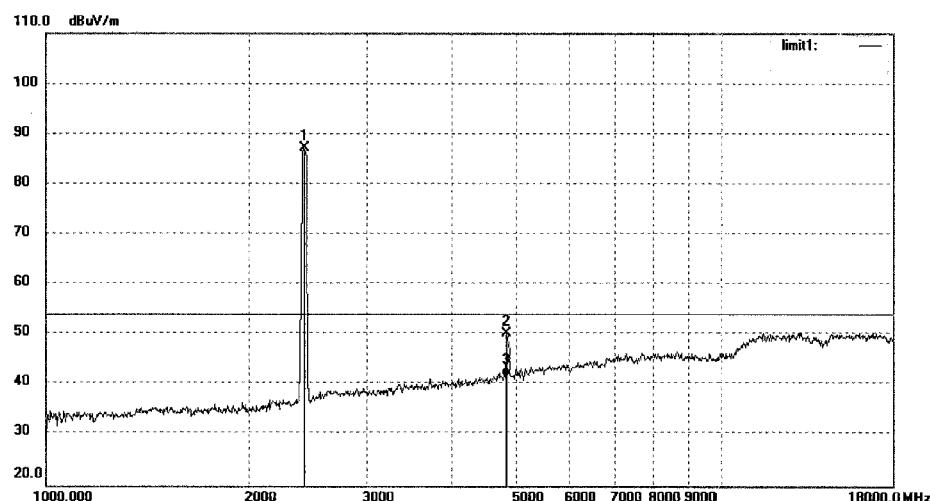
Mode: TX 2422MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.000	94.48	-7.40	87.08	/	/	peak			
2	4844.258	50.32	-0.07	50.25	74.00	-23.75	peak			
3	4844.258	41.79	-0.07	41.72	54.00	-12.28	AVG			

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #452

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

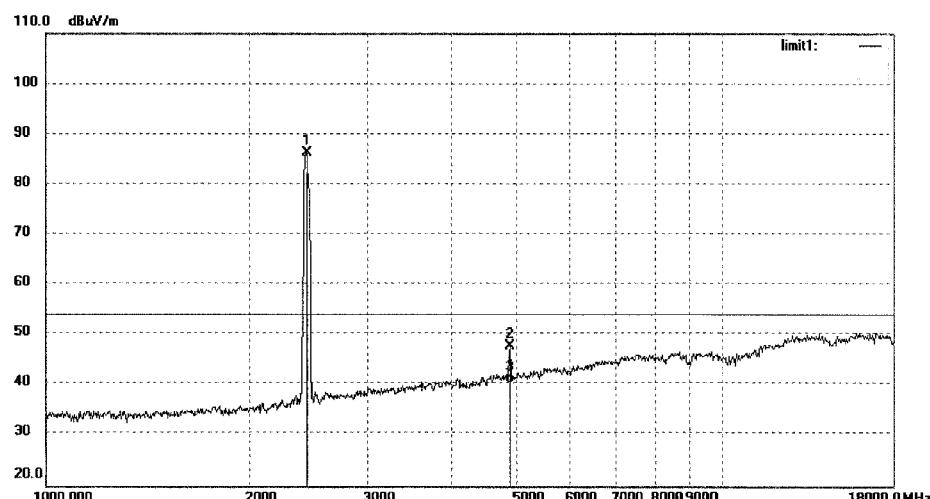
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	93.62	-7.36	86.26	/	/	peak			
2	4874.360	47.81	0.09	47.90	74.00	-26.10	peak			
3	4874.360	40.23	0.09	40.32	54.00	-13.68	AVG			

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #451

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

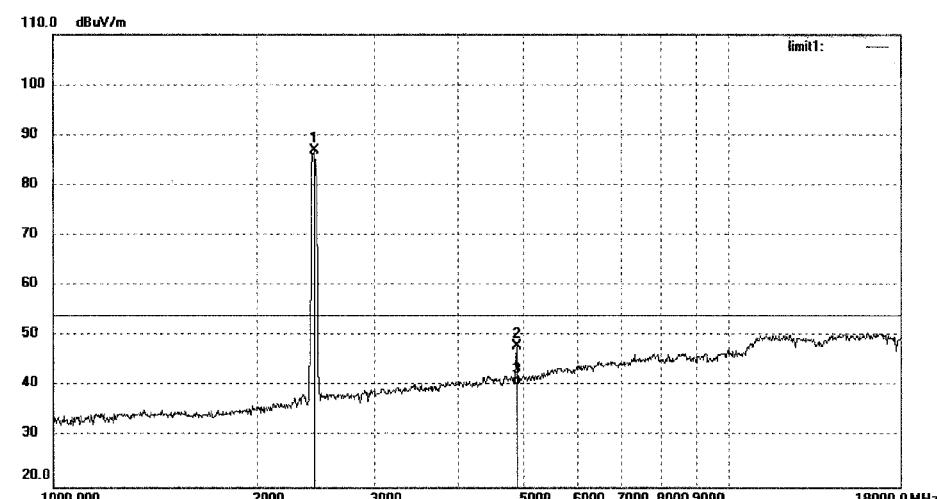
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	94.39	-7.36	87.03	/	/	peak			
2	4874.359	47.82	0.09	47.91	74.00	-26.09	peak			
3	4874.359	40.06	0.09	40.15	54.00	-13.85	AVG			

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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #453

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

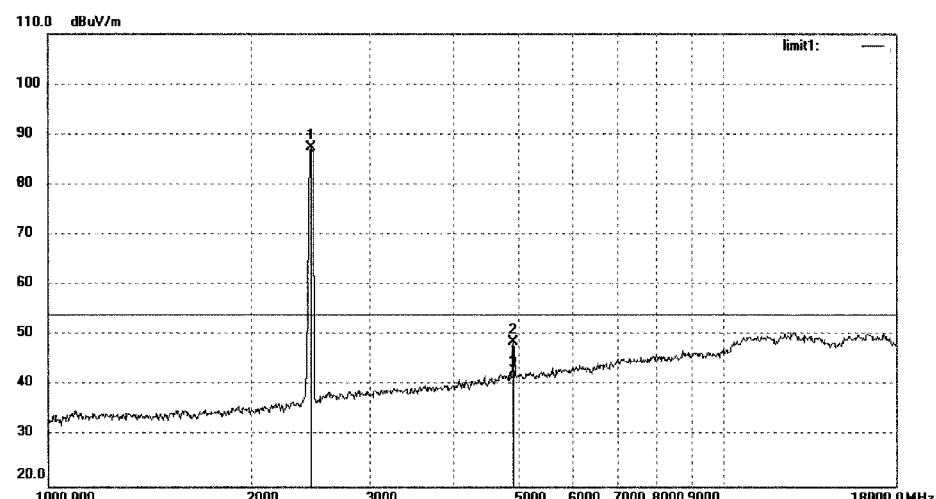
Mode: TX 2452MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.000	94.76	-7.33	87.43	/	/	peak			
2	4904.378	48.45	0.25	48.70	74.00	-25.30	peak			
3	4904.378	40.95	0.25	41.20	54.00	-12.80	AVG			

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #454

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

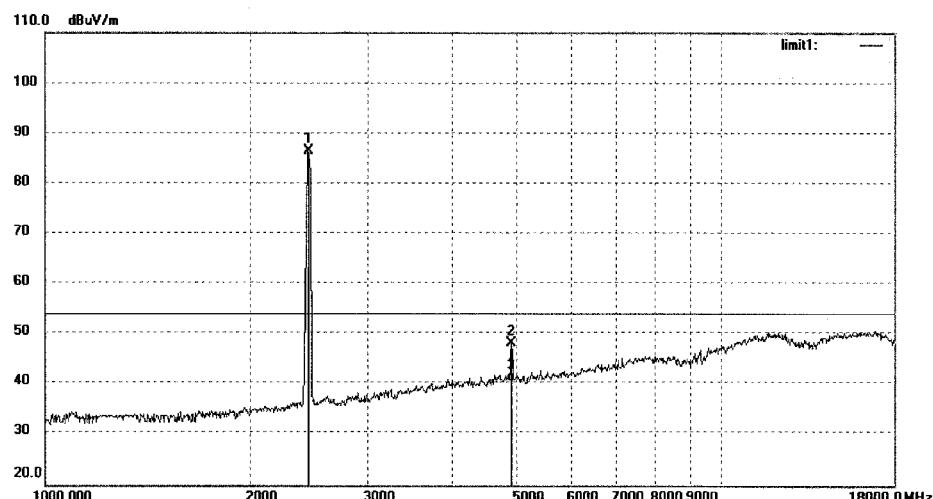
Mode: TX 2452MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.000	93.84	-7.33	86.51	/	/	peak			
2	4904.368	47.99	0.25	48.24	74.00	-25.76	peak			
3	4904.368	40.30	0.25	40.55	54.00	-13.45	AVG			

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**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #605

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

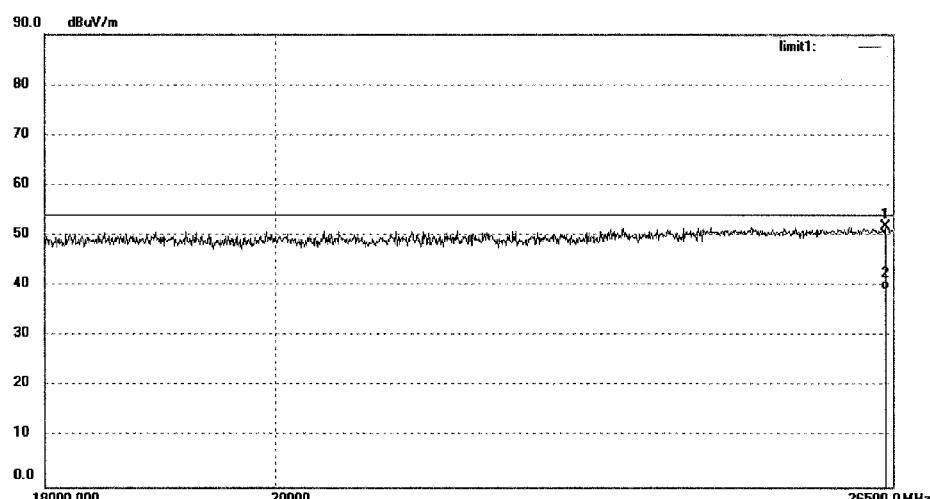
Mode: TX 2422MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	35.40	16.50	51.90	74.00	-22.10	peak			
2	26407.731	22.72	16.50	39.22	54.00	-14.78	AVG			

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Test Report No.

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**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #606

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

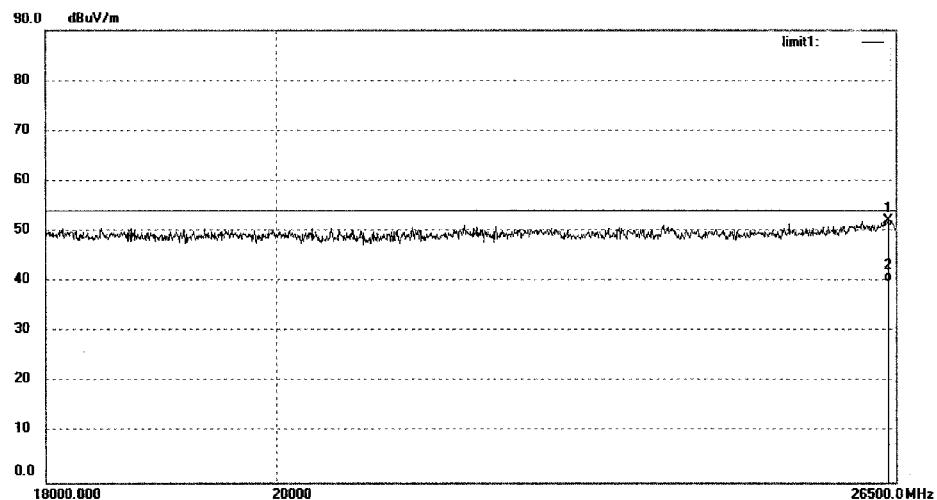
Mode: TX 2422MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	35.23	16.96	52.19	74.00	-21.81	peak			
2	26407.731	22.91	16.96	39.87	54.00	-14.13	AVG			

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Test Report No.

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #608

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

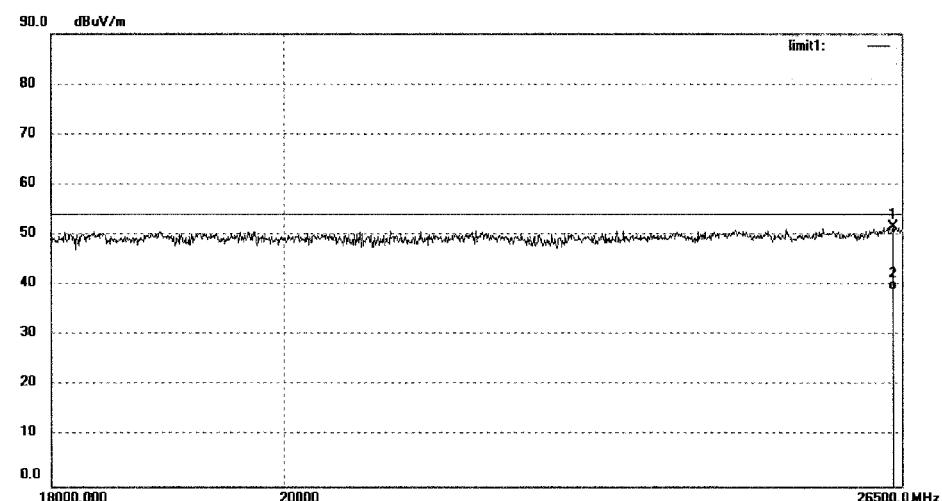
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26397.499	35.14	16.50	51.64	74.00	-22.36	peak			
2	26397.499	22.62	16.50	39.12	54.00	-14.88	AVG			

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Test Report No.

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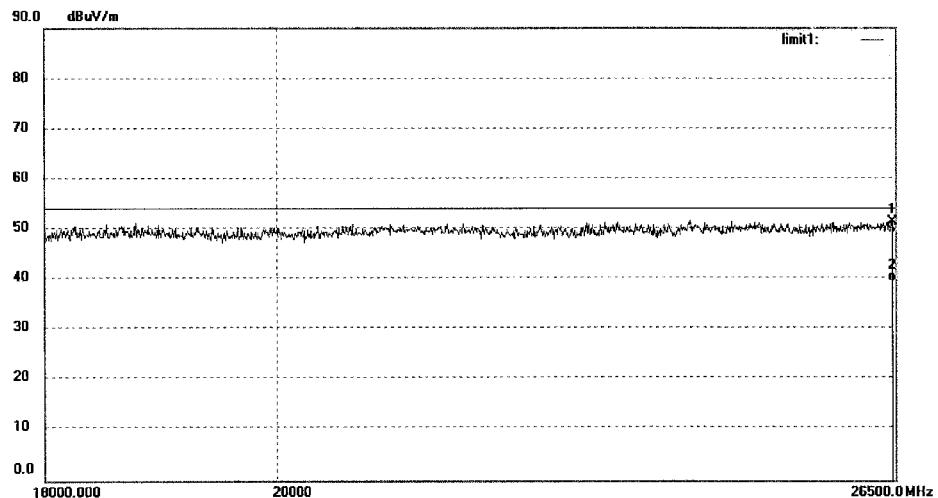


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #607	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26469.208	34.55	16.92	51.47	74.00	-22.53	peak			
2	26469.208	22.59	16.92	39.51	54.00	-14.49	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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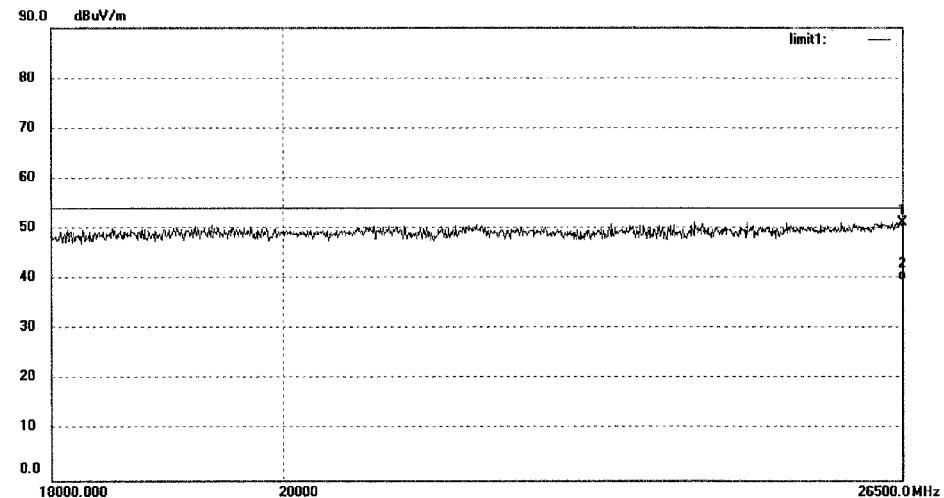


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F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #609	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2452MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26500.000	34.72	16.50	51.22	74.00	-22.78	peak			
2	26500.000	23.12	16.50	39.62	54.00	-14.38	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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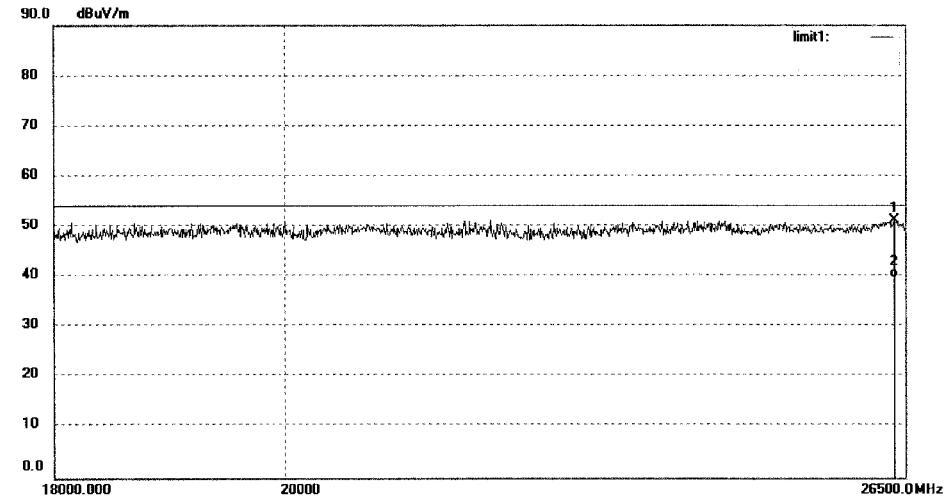


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #610	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2452MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26366.825	34.18	16.99	51.17	74.00	-22.83	peak			
2	26366.825	22.71	16.99	39.70	54.00	-14.30	AVG			

**Prüfbericht - Nr.: 17048716 002**  
Test Report No.

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**Test Plot of Band Edge of 802.11n HT40**

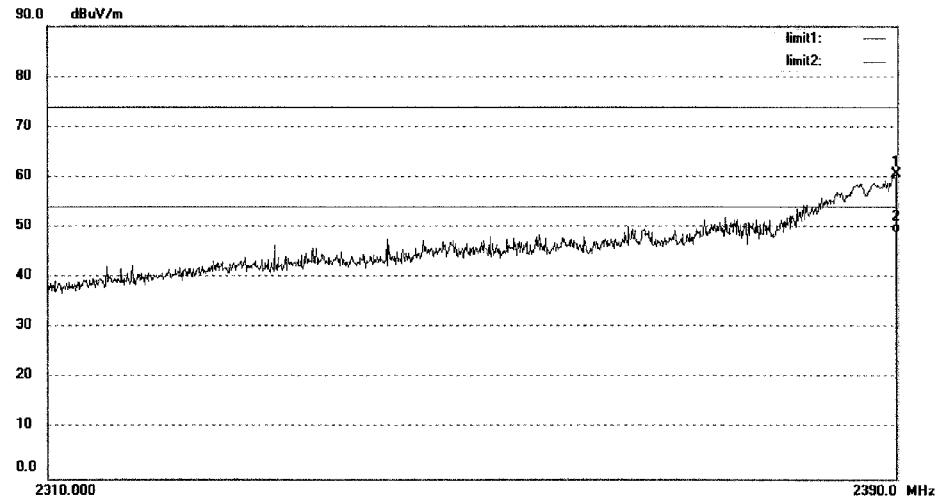


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #449	Polarization:	Horizontal
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2422MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.920	68.09	-7.53	60.56	74.00	-13.44	peak			
2	2389.920	56.51	-7.53	48.98	54.00	-5.02	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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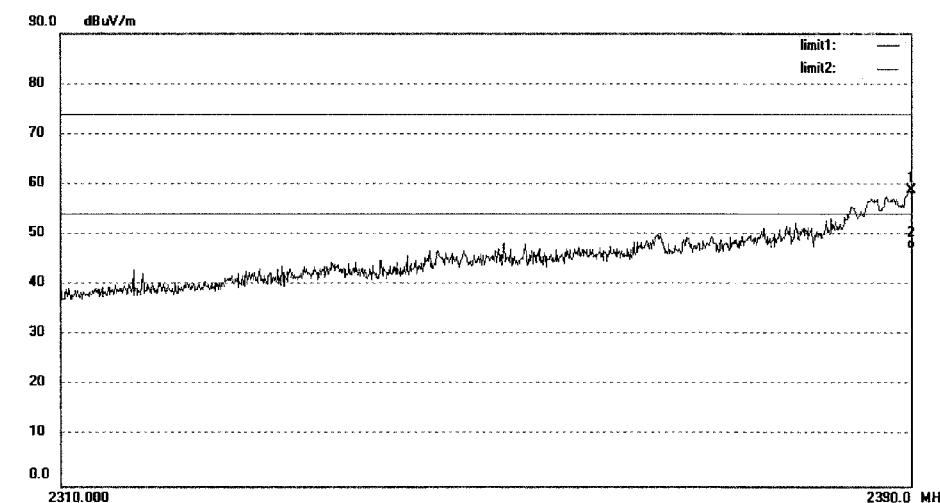


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #450	Polarization:	Vertical
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2422MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	66.48	-7.53	58.95	74.00	-15.05	peak			
2	2390.000	54.58	-7.53	47.05	54.00	-6.95	AVG			

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Test Report No.

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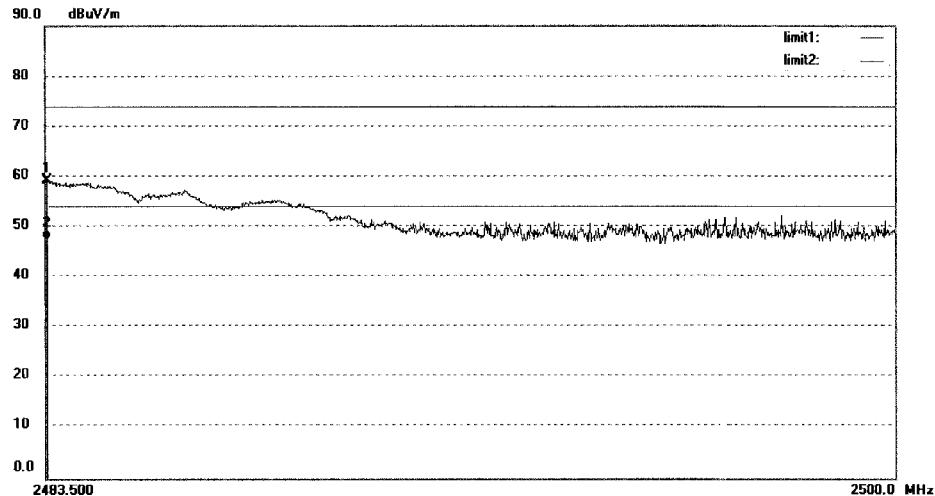


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #456	Polarization:	Horizontal
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2452MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.533	66.64	-7.37	59.27	74.00	-14.73	peak			
2	2483.533	54.86	-7.37	47.49	54.00	-6.51	AVG			

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Test Report No.

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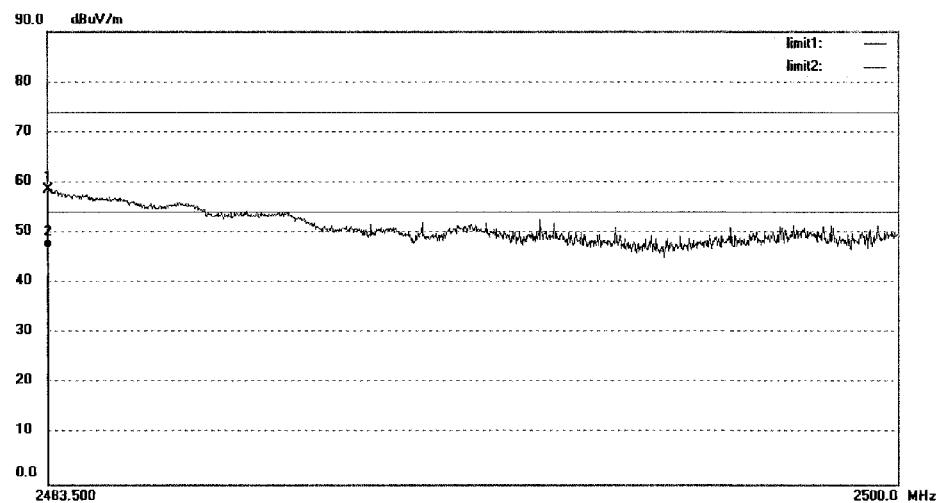


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #455	Polarization:	Vertical
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2452MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	66.01	-7.37	58.64	74.00	-15.36	peak			
2	2483.500	54.35	-7.37	46.98	54.00	-7.02	Avg			

**Prüfbericht - Nr.: 17048716 002**  
Test Report No.

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**Test Plot of Spurious Emission of above 1GHz for IC of 802.11b**



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #504

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

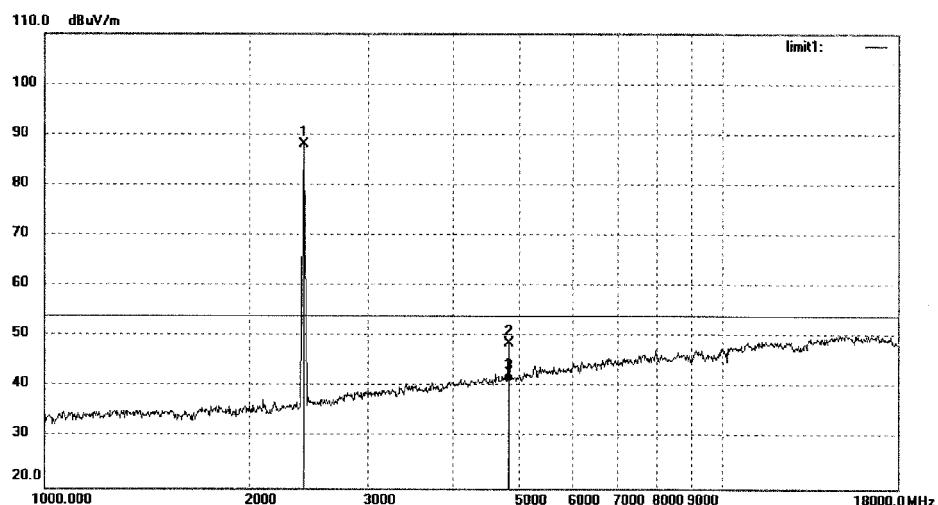
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	95.46	-7.43	88.03	/	/	peak			
2	4824.271	48.99	-0.19	48.80	74.00	-25.20	peak			
3	4824.271	41.26	-0.19	41.07	54.00	-12.93	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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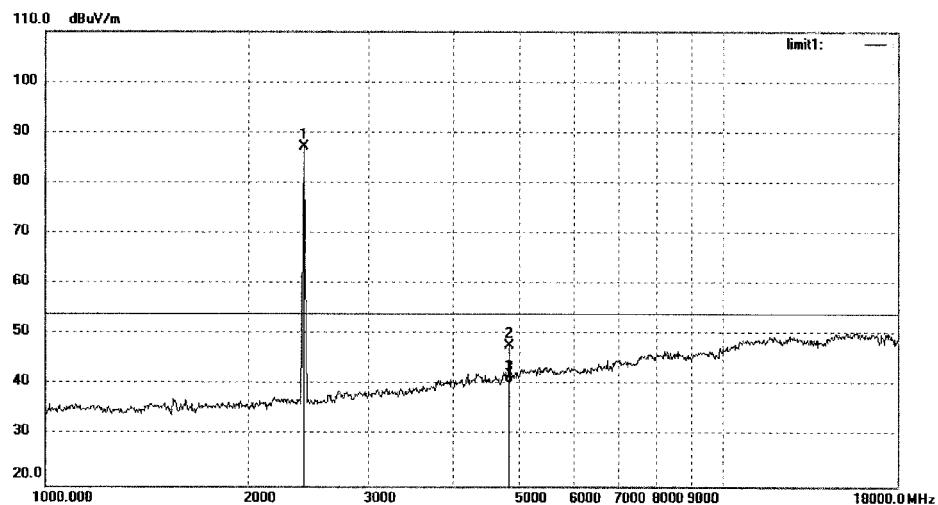


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #503	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	94.53	-7.43	87.10	/	/	peak			
2	4824.250	47.91	-0.19	47.72	74.00	-26.28	peak			
3	4824.250	40.45	-0.19	40.26	54.00	-13.74	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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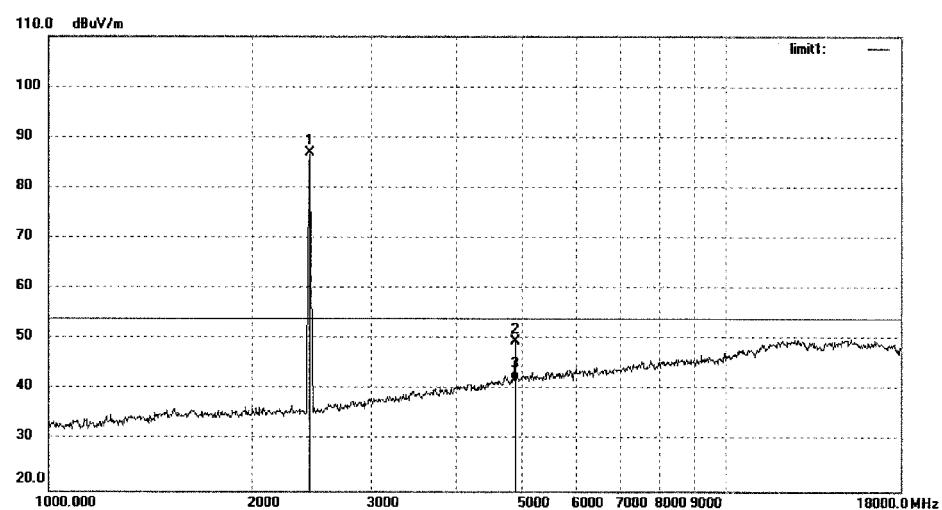


**ACCURATE TECHNOLOGY CO., LTD.**

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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #508	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	94.38	-7.36	87.02	/	/	peak			
2	4874.325	49.50	0.09	49.59	74.00	-24.41	peak			
3	4874.325	41.85	0.09	41.94	54.00	-12.06	AVG			

**Prüfbericht - Nr.: 17048716 002**  
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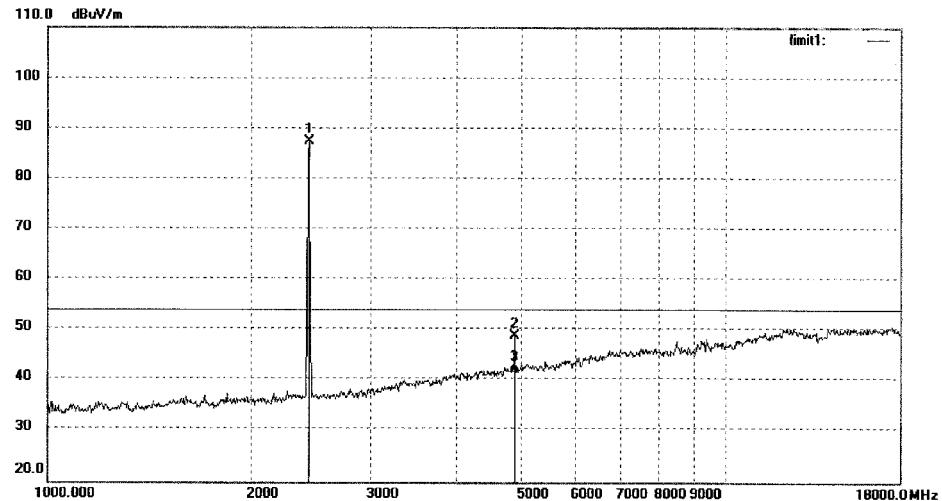


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #507	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	94.79	-7.36	87.43	/	/	peak			
2	4874.350	48.89	0.09	48.98	74.00	-25.02	peak			
3	4874.350	41.36	0.09	41.45	54.00	-12.55	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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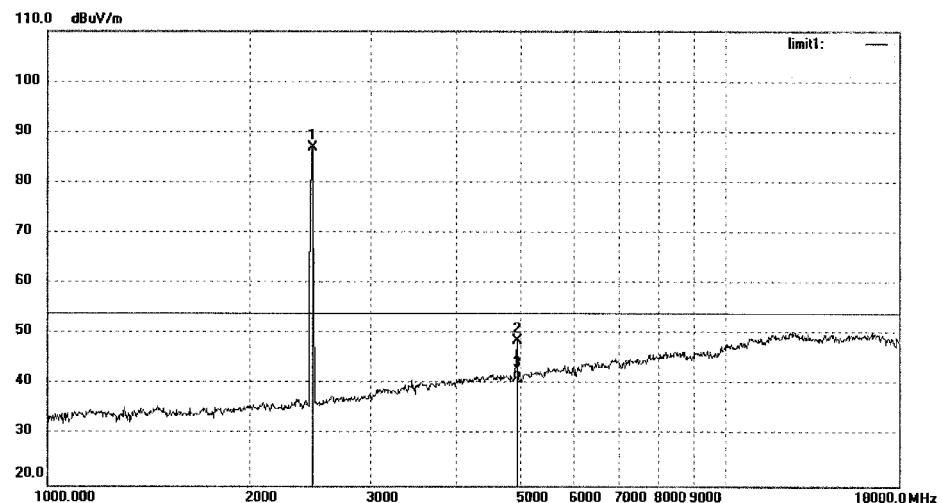


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #509	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	94.28	-7.35	86.93	/	/	peak			
2	4924.266	48.25	0.34	48.59	74.00	-25.41	peak			
3	4924.266	40.68	0.34	41.02	54.00	-12.98	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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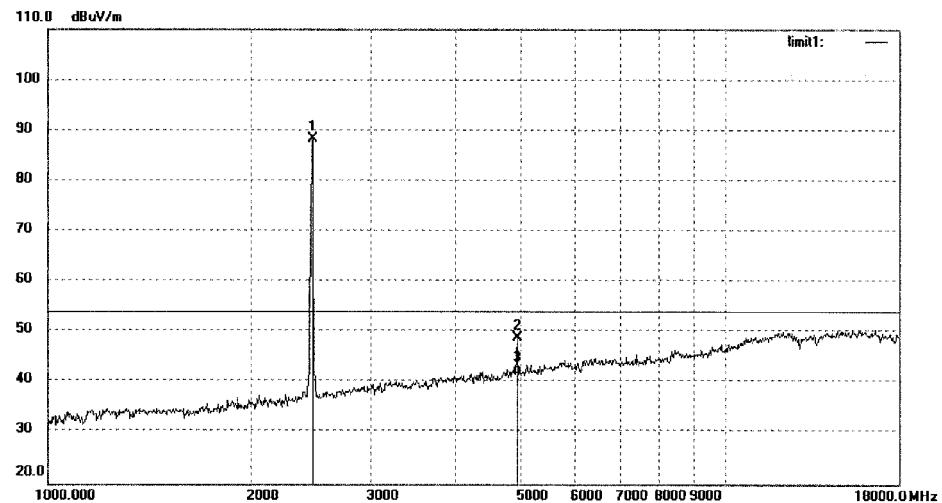


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Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #510	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	95.54	-7.35	88.19	/	/	peak			
2	4924.352	48.63	0.34	48.97	74.00	-25.03	peak			
3	4924.352	41.35	0.34	41.69	54.00	-12.31	AVG			

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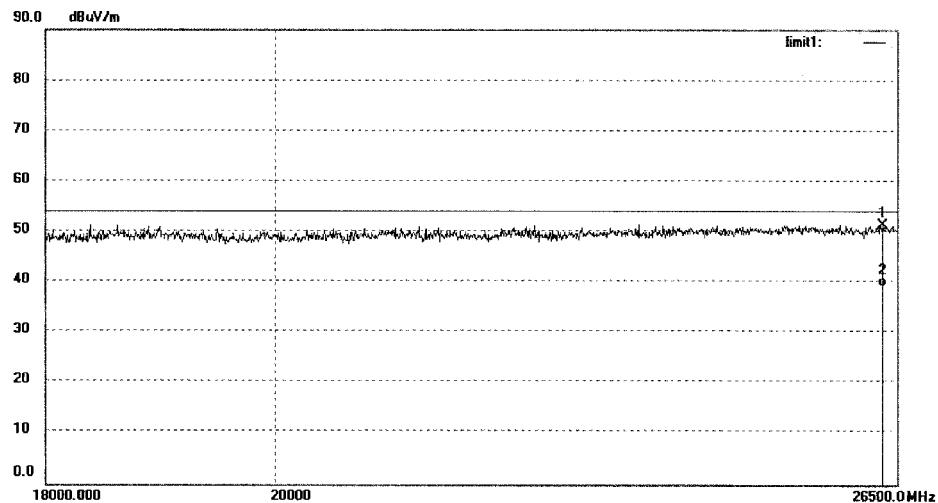


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #641	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26336.188	35.00	16.50	51.50	74.00	-22.50	peak			
2	26336.188	22.83	16.50	39.33	54.00	-14.67	Avg			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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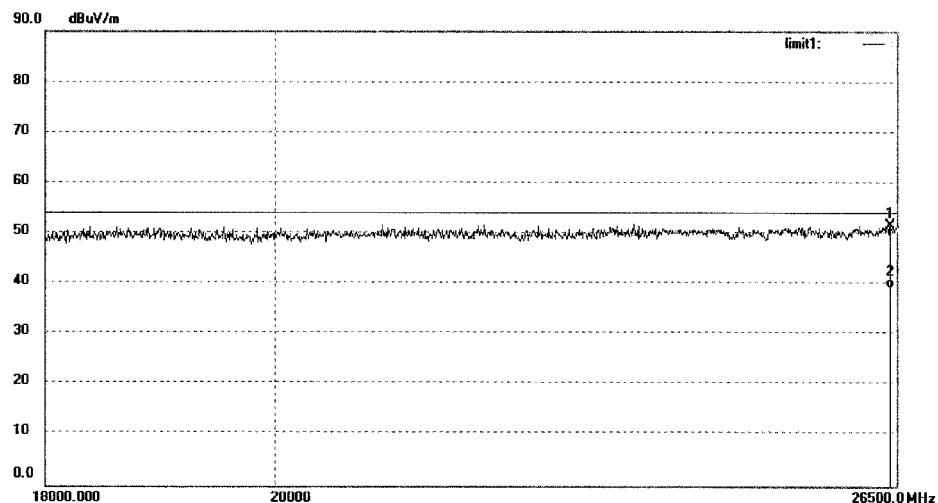


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #642	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	35.09	16.50	51.59	74.00	-22.41	peak			
2	26428.207	22.73	16.50	39.23	54.00	-14.77	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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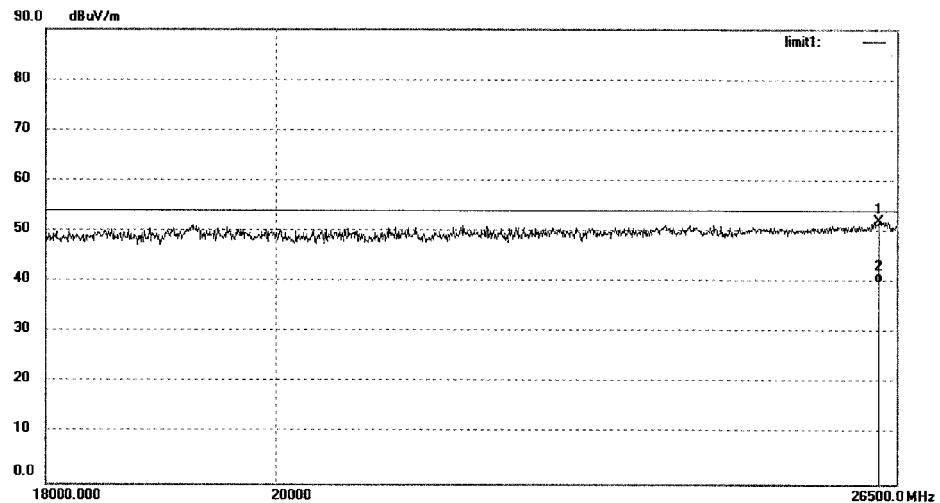


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #644	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26285.205	35.09	17.04	52.13	74.00	-21.87	peak			
2	26285.205	22.86	17.04	39.90	54.00	-14.10	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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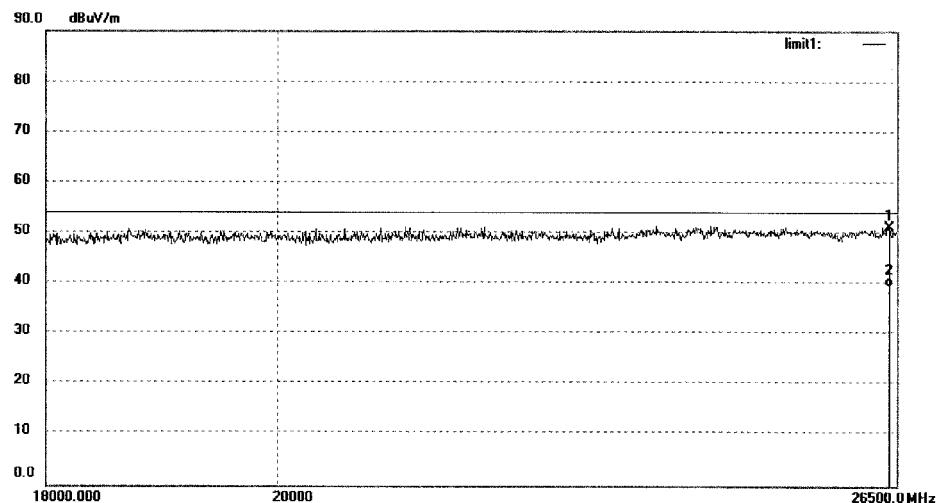


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #643	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26417.967	34.26	16.95	51.21	74.00	-22.79	peak			
2	26417.967	22.65	16.95	39.60	54.00	-14.40	Avg			

**Prüfbericht - Nr.: 17048716 002**  
Test Report No.

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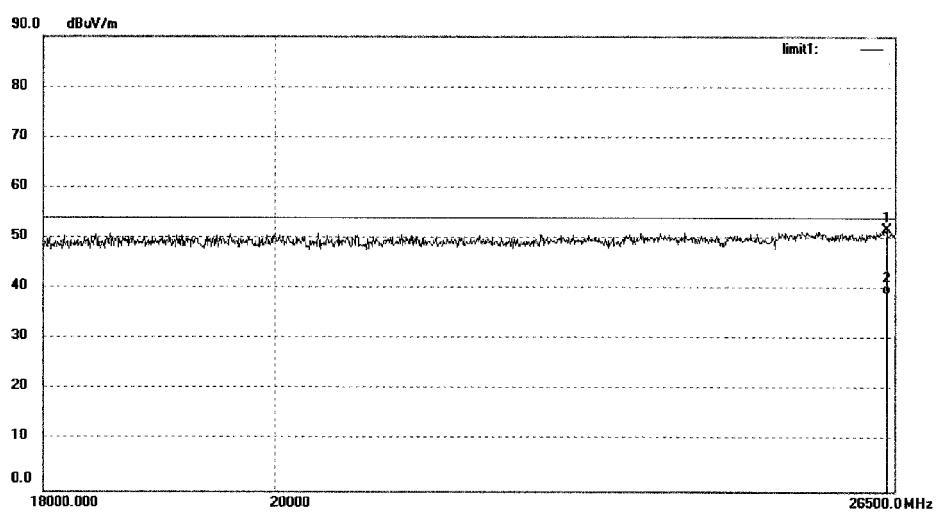
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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #645	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			

Note:	802.11b
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No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	35.34	16.50	51.84	74.00	-22.16	peak			
2	26407.731	22.65	16.50	39.15	54.00	-14.85	Avg			

**Prüfbericht - Nr.:** **17048716 002**  
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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #646

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

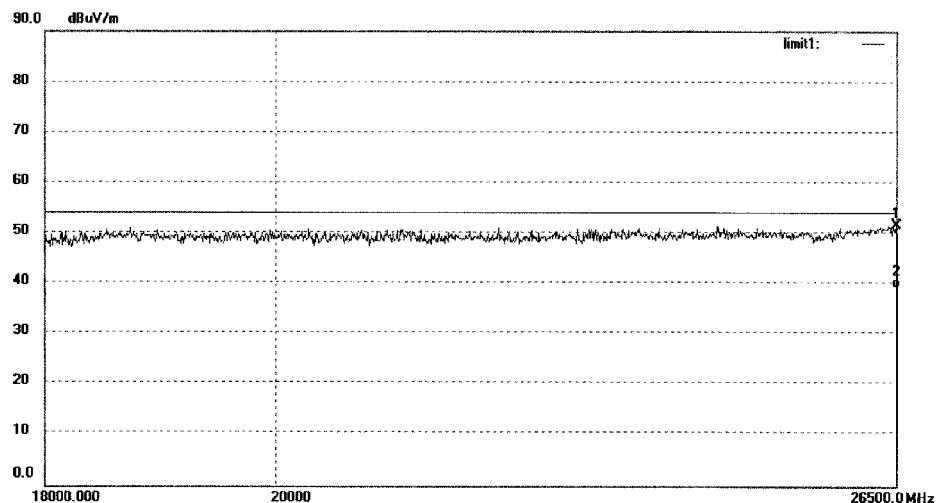
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26500.000	35.24	16.50	51.74	74.00	-22.26	peak			
2	26500.000	22.77	16.50	39.27	54.00	-14.73	Avg			

**Prüfbericht - Nr.: 17048716 002**  
Test Report No.

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**Test Plot of Band Edge for IC of 802.11b**



**ACCURATE TECHNOLOGY CO., LTD.**

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #505

Polarization: Horizontal

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

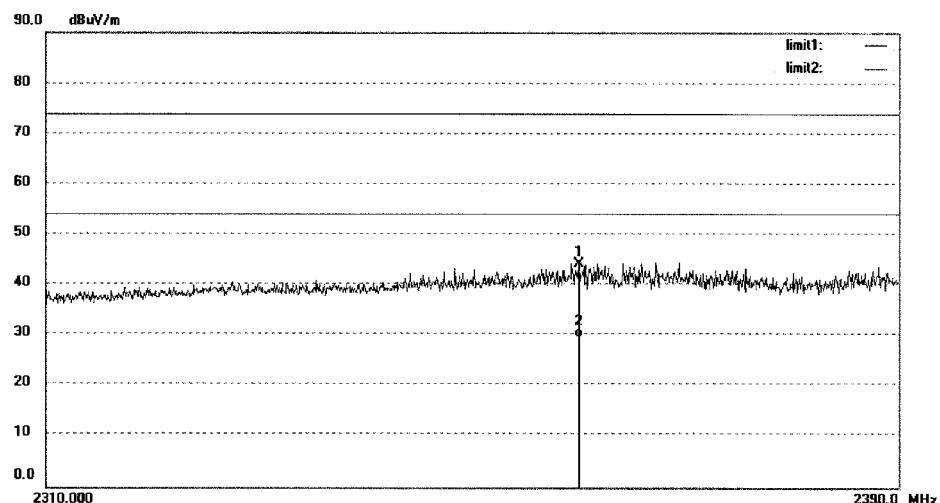
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2359.840	52.00	-7.72	44.28	74.00	-29.72	peak			
2	2359.840	37.22	-7.72	29.50	54.00	-24.50	Avg			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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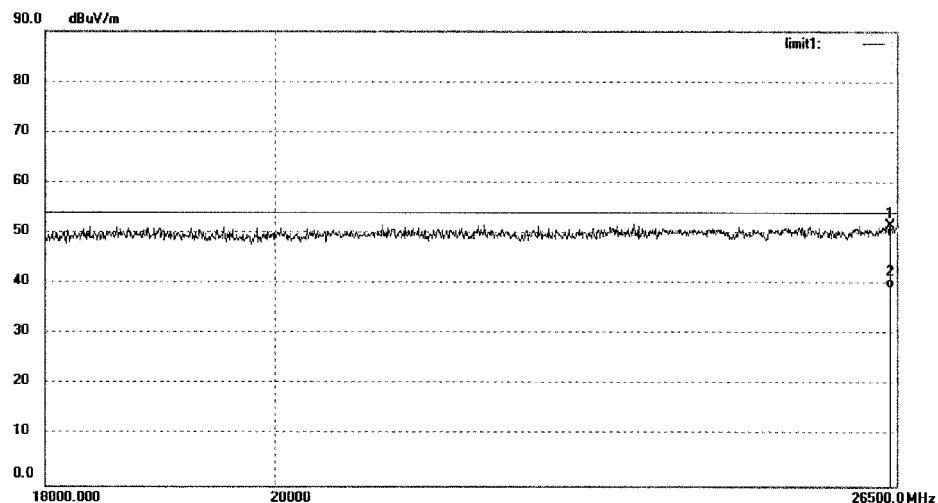


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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #642	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	35.09	16.50	51.59	74.00	-22.41	peak			
2	26428.207	22.73	16.50	39.23	54.00	-14.77	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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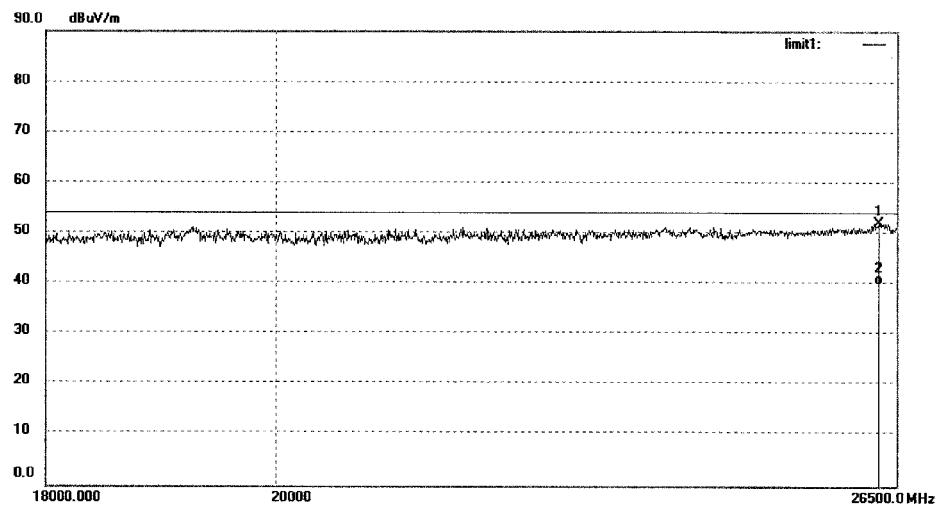


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #644	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26285.205	35.09	17.04	52.13	74.00	-21.87	peak			
2	26285.205	22.86	17.04	39.90	54.00	-14.10	AVG			

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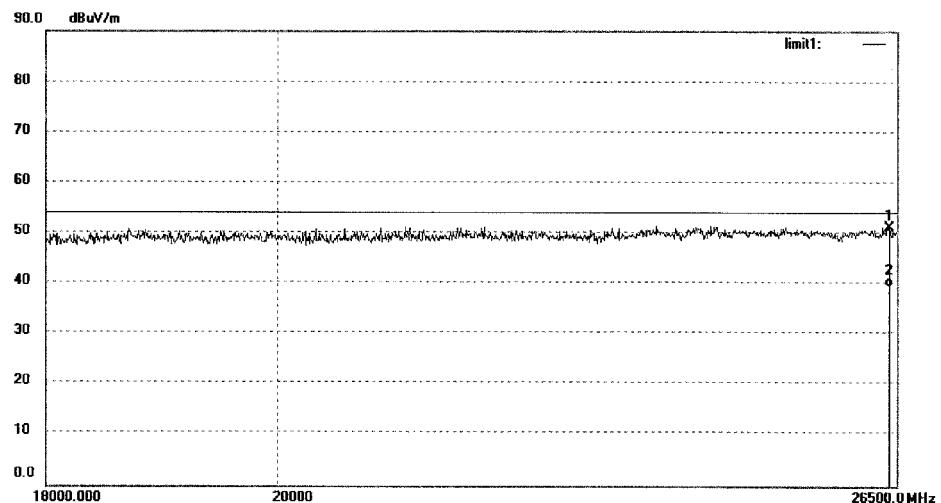


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Job No.:	YULIAH #643	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11b		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26417.967	34.26	16.95	51.21	74.00	-22.79	peak			
2	26417.967	22.65	16.95	39.60	54.00	-14.40	Avg			

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**Test Plot of Spurious Emission of above 1GHz for IC of 802.11g**



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #513

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

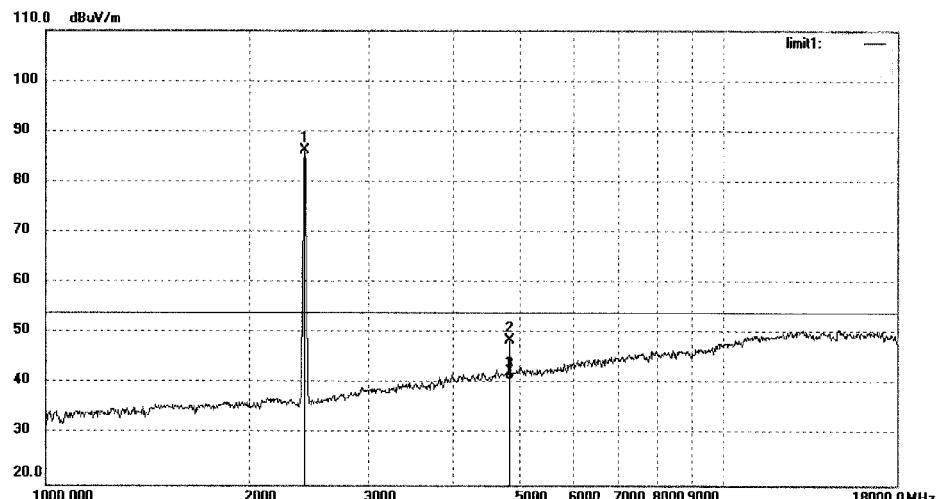
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	93.77	-7.43	86.34	/	/	peak			
2	4818.016	48.81	-0.22	48.59	74.00	-25.41	peak			
3	4818.016	41.09	-0.22	40.87	54.00	-13.13	Avg			

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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #514

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

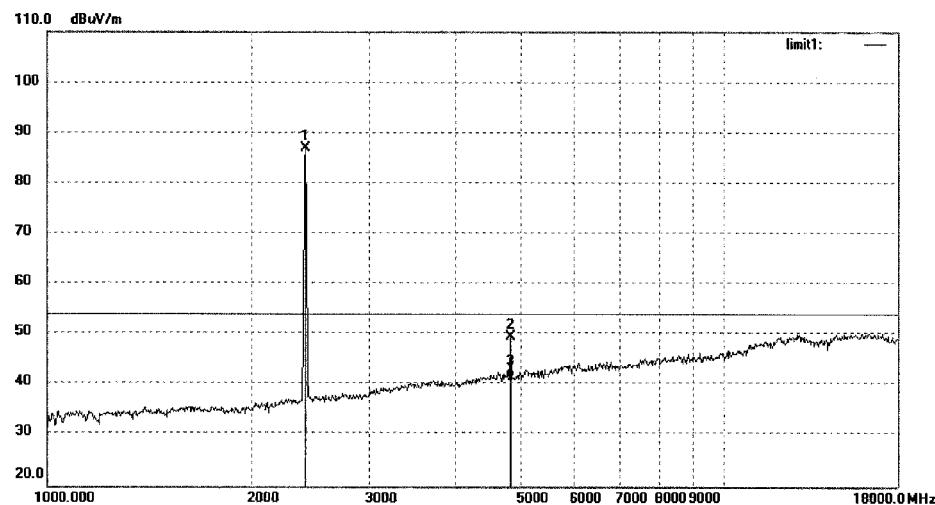
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	94.46	-7.43	87.03	/	/	peak			
2	4824.285	49.86	-0.19	49.67	74.00	-24.33	peak			
3	4824.285	41.59	-0.19	41.40	54.00	-12.60	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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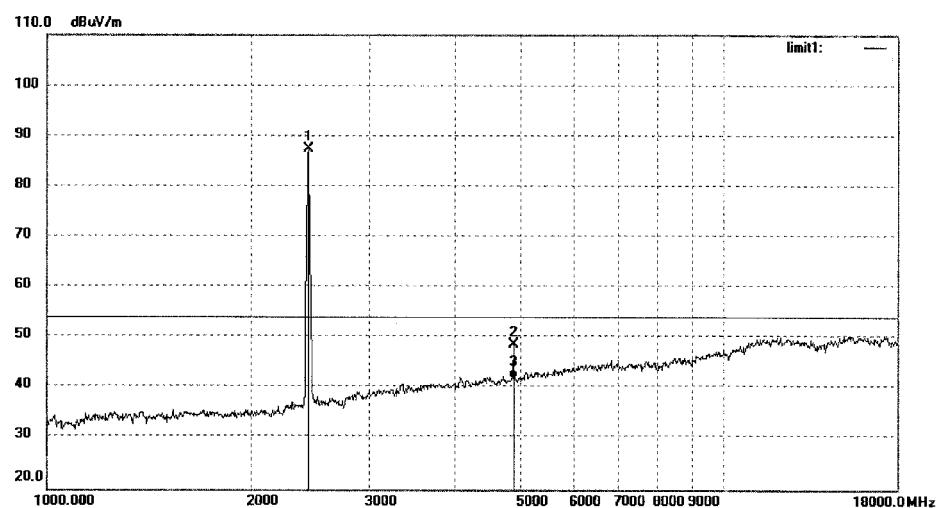


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #517	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	94.71	-7.36	87.35	/	/	peak			
2	4874.358	48.49	0.09	48.58	74.00	-25.42	peak			
3	4874.358	41.84	0.09	41.93	54.00	-12.07	AVG			

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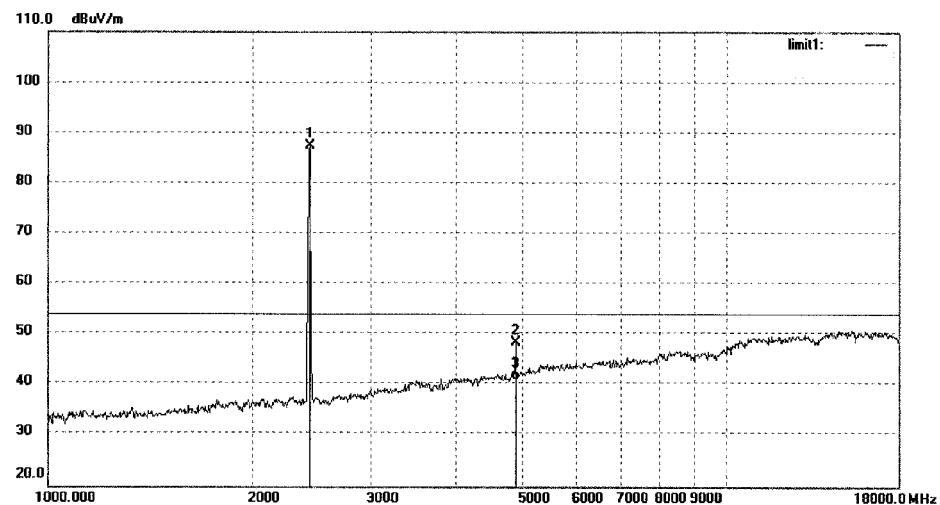


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Fax:+86-0755-26503396

Job No.:	YULIAH #518	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	94.72	-7.36	87.36	/	/	peak			
2	4874.378	48.32	0.09	48.41	74.00	-25.59	peak			
3	4874.378	40.95	0.09	41.04	54.00	-12.96	AVG			

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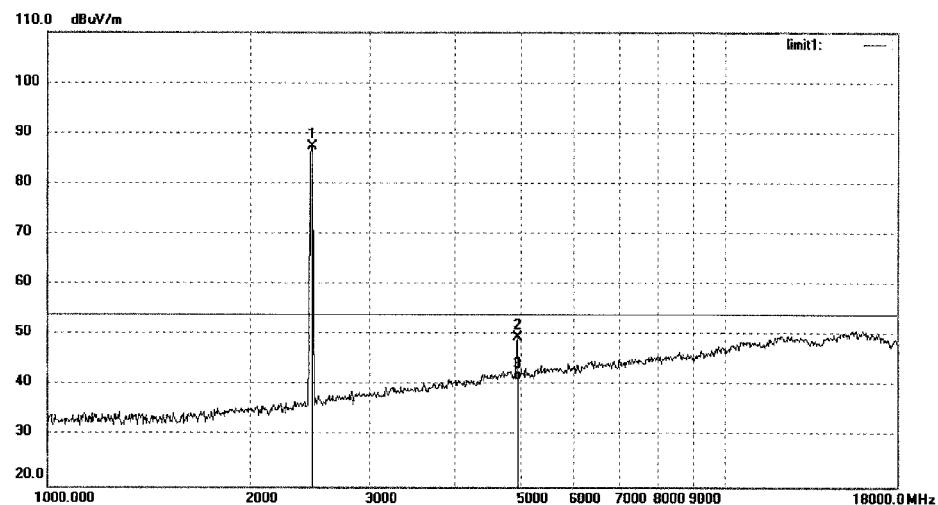


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Site: 2# Chamber  
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Job No.:	YULIAH #520	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	94.84	-7.35	87.49	/	/	peak			
2	4924.318	49.18	0.34	49.52	74.00	-24.48	peak			
3	4924.318	40.67	0.34	41.01	54.00	-12.99	AVG			

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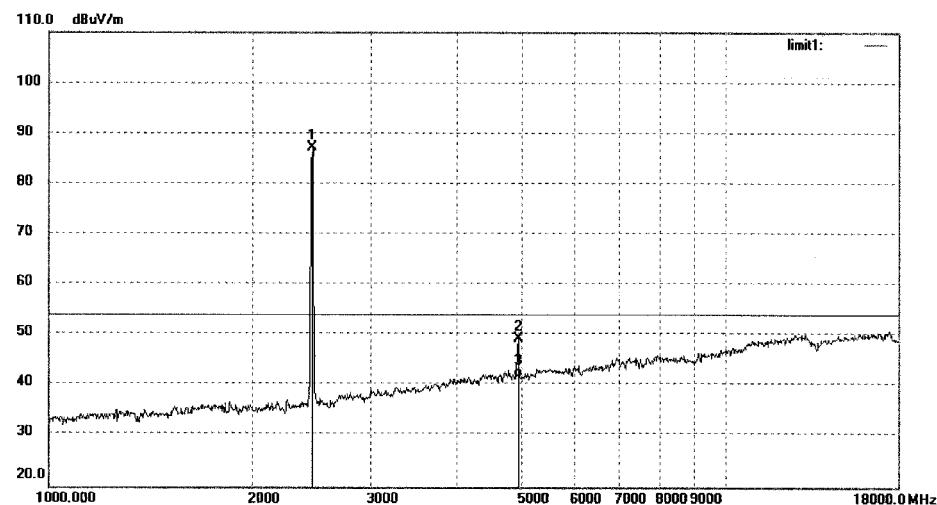


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Job No.:	YULIAH #519	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	94.44	-7.35	87.09	/	/	peak			
2	4924.332	48.96	0.34	49.30	74.00	-24.70	peak			
3	4924.332	41.26	0.34	41.60	54.00	-12.40	AVG			

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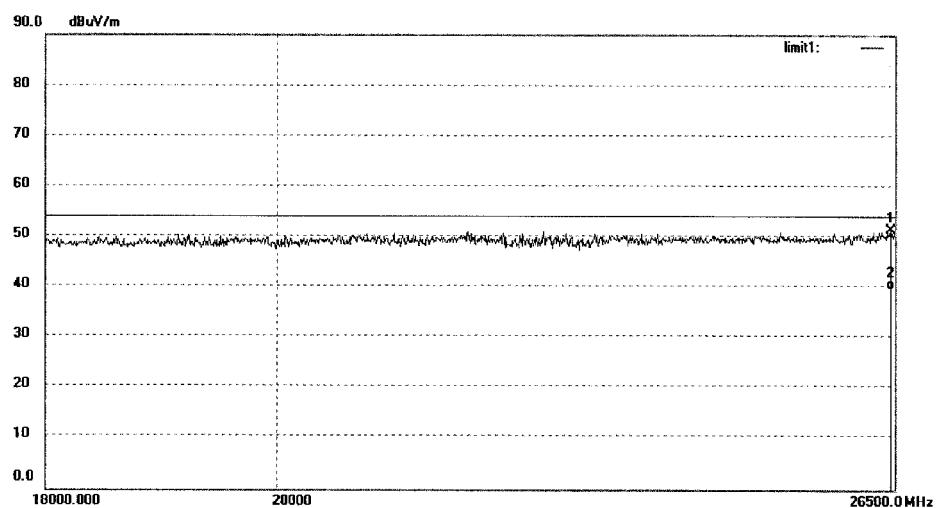


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #648	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26458.952	34.46	16.93	51.39	74.00	-22.61	peak			
2	26458.952	22.72	16.93	39.65	54.00	-14.35	AVG			

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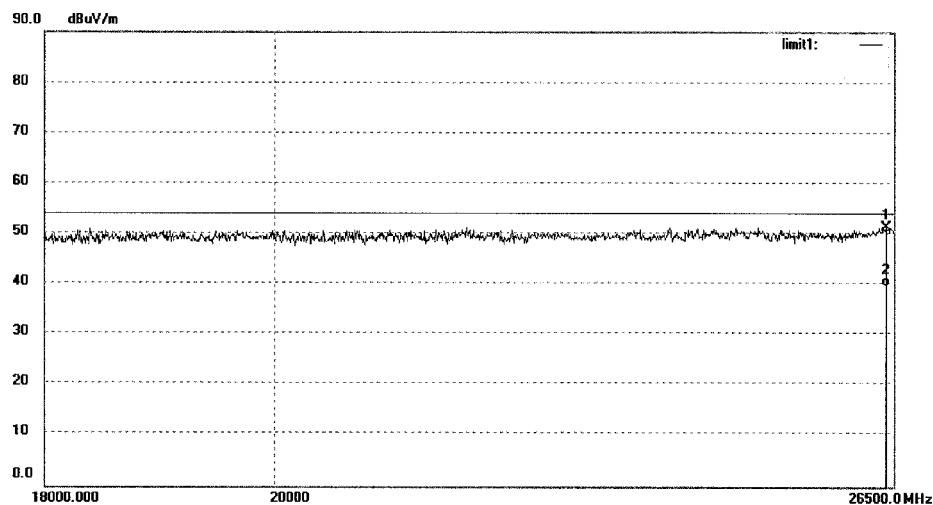


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #647	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	34.48	16.96	51.44	74.00	-22.56	peak			
2	26407.731	22.80	16.96	39.76	54.00	-14.24	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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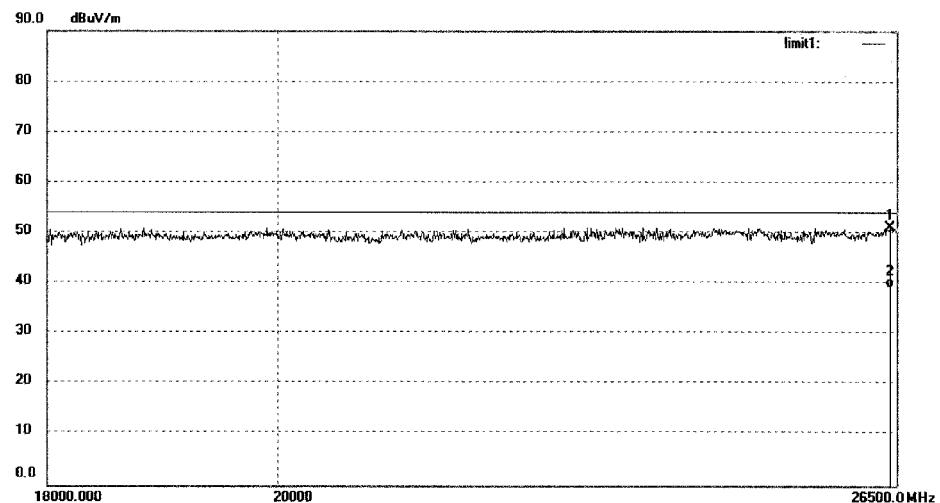


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #649	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	34.67	16.50	51.17	74.00	-22.83	peak			
2	26428.207	22.74	16.50	39.24	54.00	-14.76	Avg			

**Prüfbericht - Nr.:** **17048716 002**  
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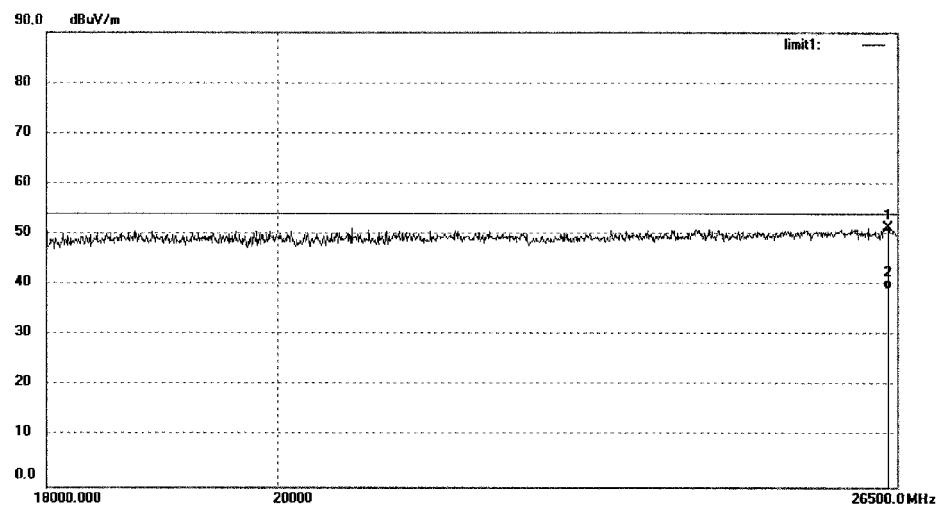


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Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #650	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26397.499	34.99	16.50	51.49	74.00	-22.51	peak			
2	26397.499	22.74	16.50	39.24	54.00	-14.76	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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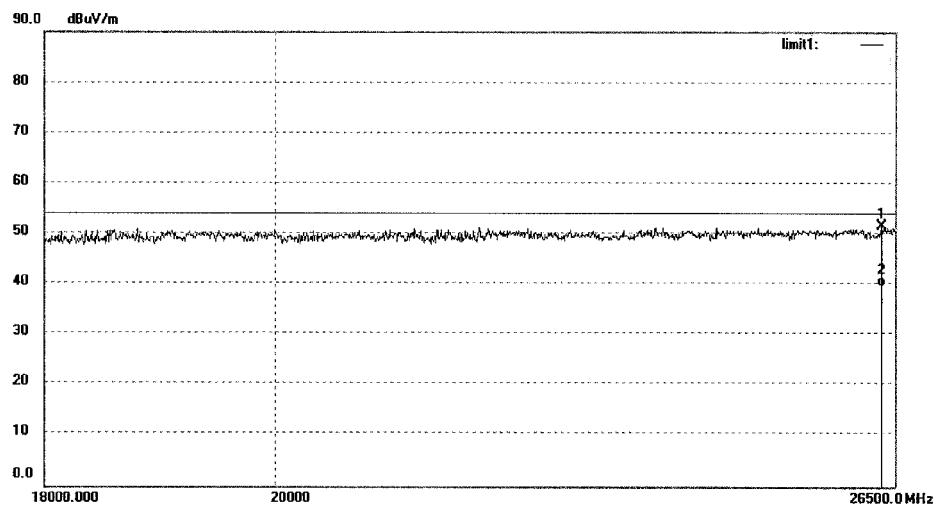


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Fax:+86-0755-26503396

Job No.:	YULIAH #651	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26346.396	34.63	17.00	51.63	74.00	-22.37	peak			
2	26346.396	22.63	17.00	39.63	54.00	-14.37	Avg			

**Prüfbericht - Nr.:** **17048716 002**  
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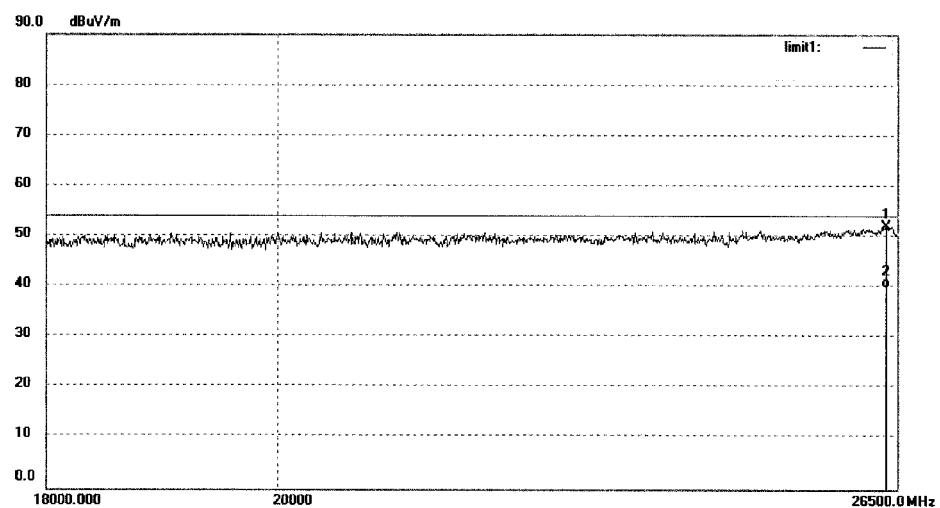


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #652	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26366.825	35.14	16.99	52.13	74.00	-21.87	peak			
2	26366.825	23.06	16.99	40.05	54.00	-13.95	AVG			

**Prüfbericht - Nr.: 17048716 002**  
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**Test Plot of Band Edge for IC of 802.11g**

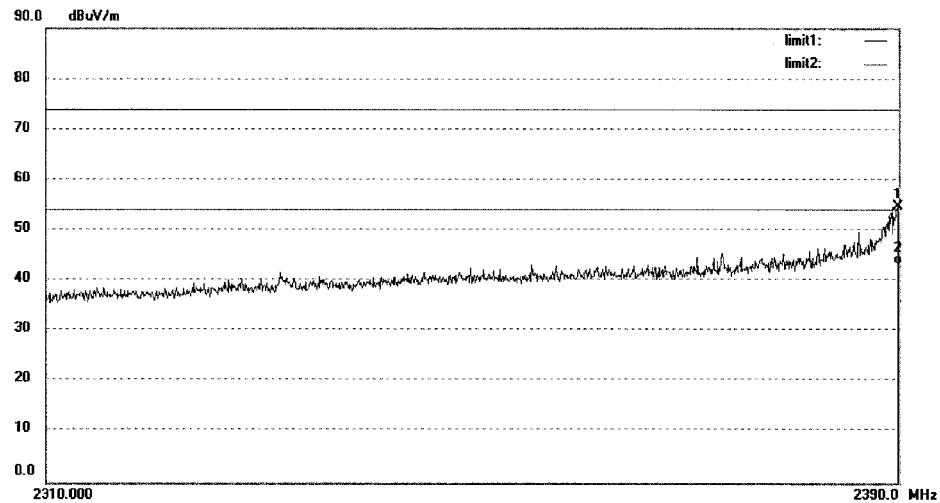


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Site: 2# Chamber  
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Job No.: YULIAH #516	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 2412MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11g	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.920	62.41	-7.53	54.88	74.00	-19.12	peak			
2	2389.920	50.76	-7.53	43.23	54.00	-10.77	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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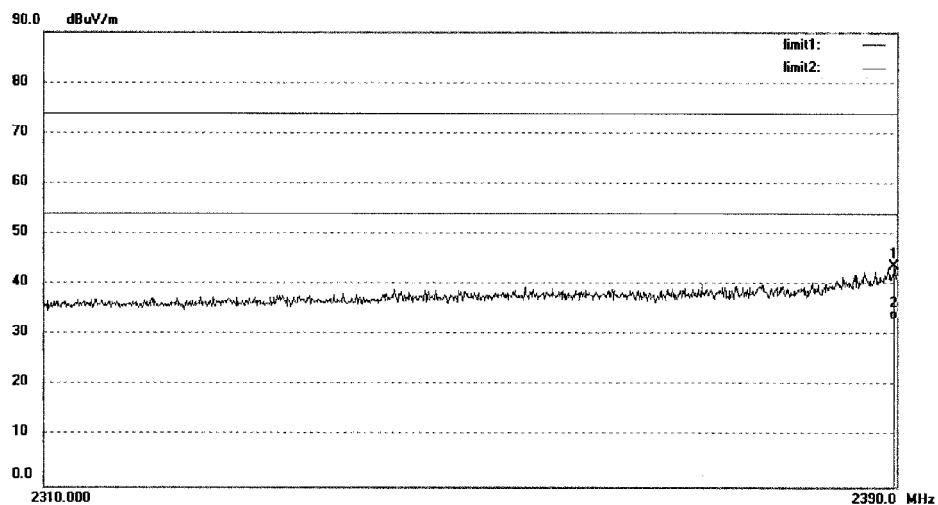


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #515	Polarization:	Vertical
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11g		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.760	51.30	-7.53	43.77	74.00	-30.23	peak			
2	2389.760	40.68	-7.53	33.15	54.00	-20.85	AVG			

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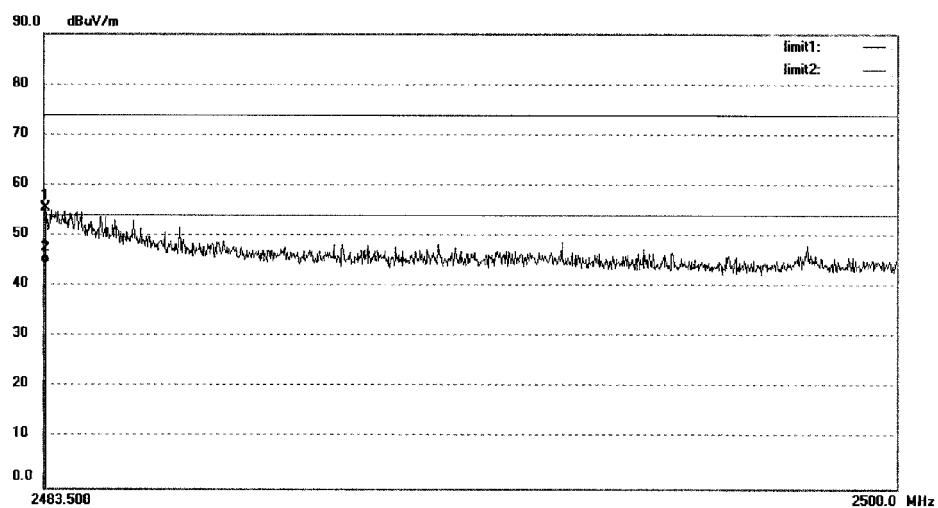


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #521	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 2462MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11g	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.533	62.86	-7.37	55.49	74.00	-18.51	peak			
2	2483.533	51.75	-7.37	44.38	54.00	-9.62	AVG			

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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #522

Polarization: Vertical

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

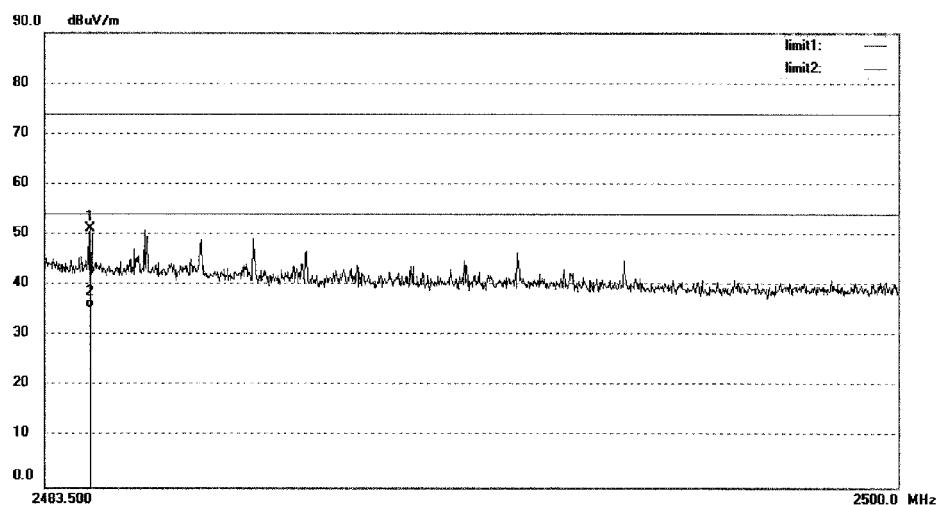
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2484.391	58.63	-7.38	51.25	74.00	-22.75	peak			
2	2484.391	42.87	-7.38	35.49	54.00	-18.51	Avg			

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**Test Plot of Spurious Emission of above 1GHz for IC of 802.11n HT20**

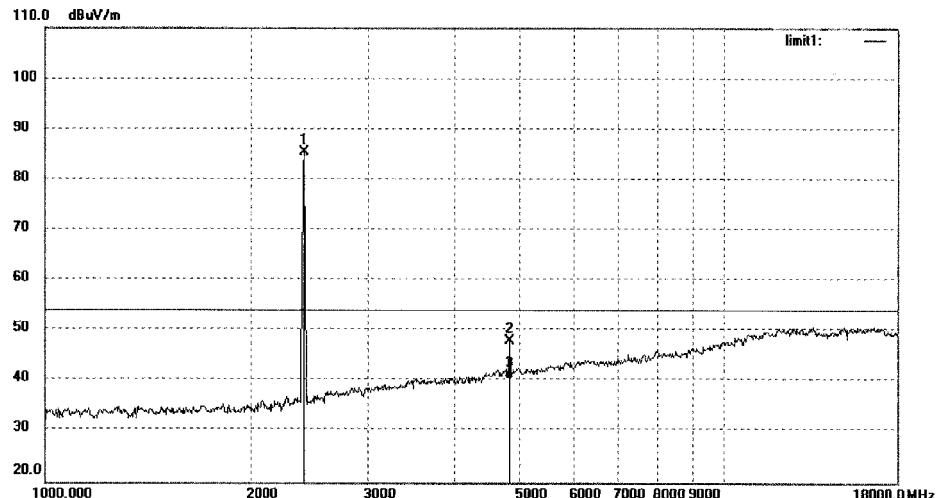


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #524	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	92.69	-7.43	85.26	/	/	peak			
2	4824.244	48.16	-0.19	47.97	74.00	-26.03	peak			
3	4824.244	40.55	-0.19	40.36	54.00	-13.64	Avg			

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #523

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

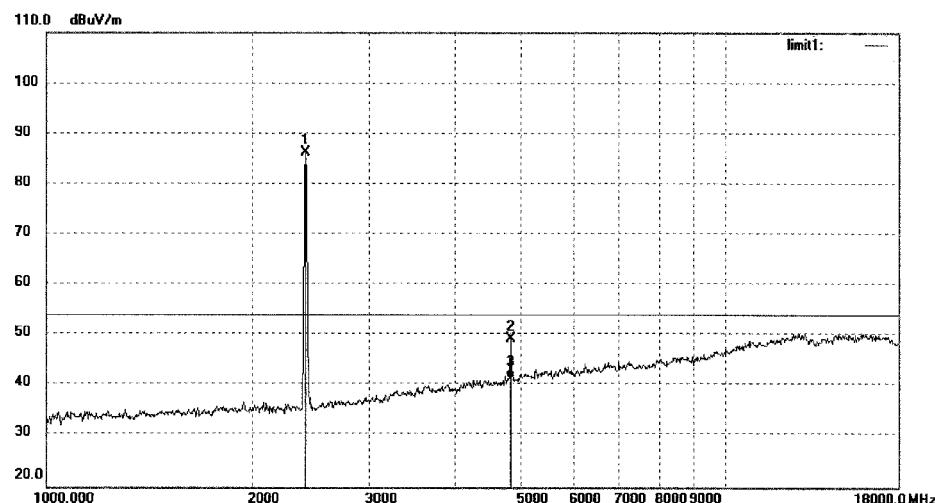
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2407.703	93.75	-7.44	86.31	/	/	peak			
2	4831.962	49.42	-0.14	49.28	74.00	-24.72	peak			
3	4831.962	41.58	-0.14	41.44	54.00	-12.56	AVG			

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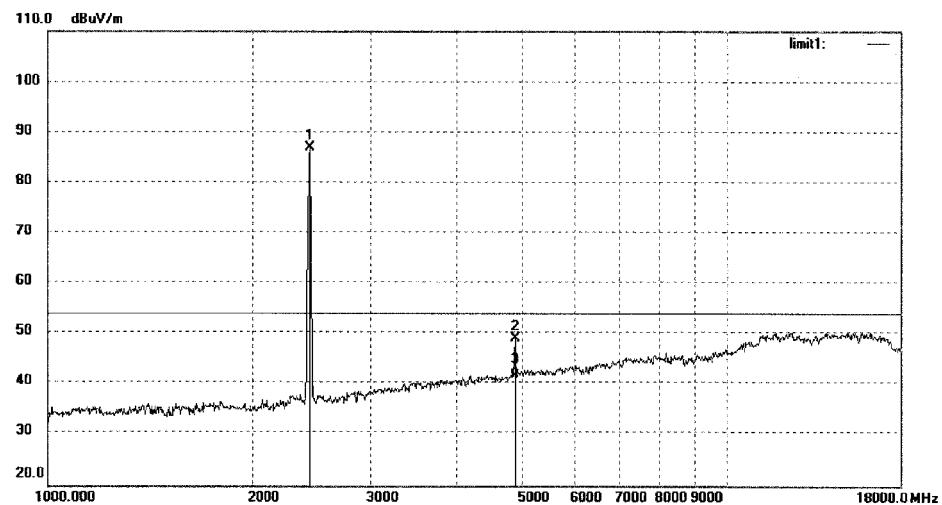


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #528	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	94.39	-7.36	87.03	/	/	peak			
2	4874.305	48.97	0.09	49.06	74.00	-24.94	peak			
3	4874.305	41.55	0.09	41.64	54.00	-12.36	AVG			

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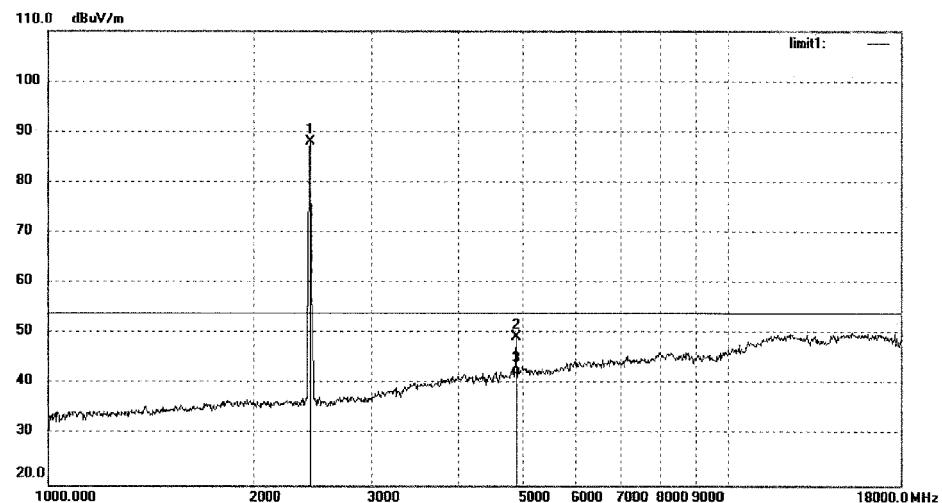


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #527	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	95.45	-7.36	88.09	/	/	peak			
2	4874.259	49.38	0.09	49.47	74.00	-24.53	peak			
3	4874.259	41.76	0.09	41.85	54.00	-12.15	AVG			

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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #529

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

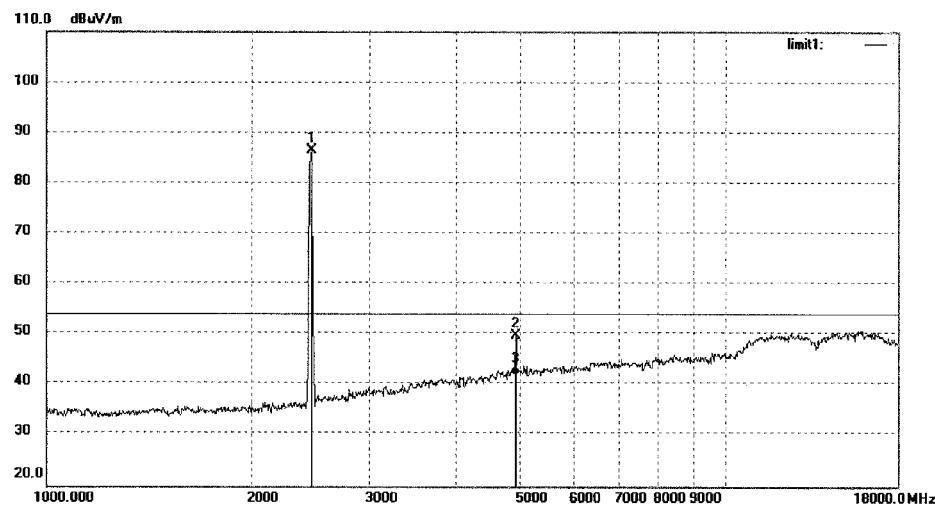
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	93.95	-7.35	86.60	/	/	peak			
2	4924.324	49.42	0.34	49.76	74.00	-24.24	peak			
3	4924.324	41.65	0.34	41.99	54.00	-12.01	AVG			

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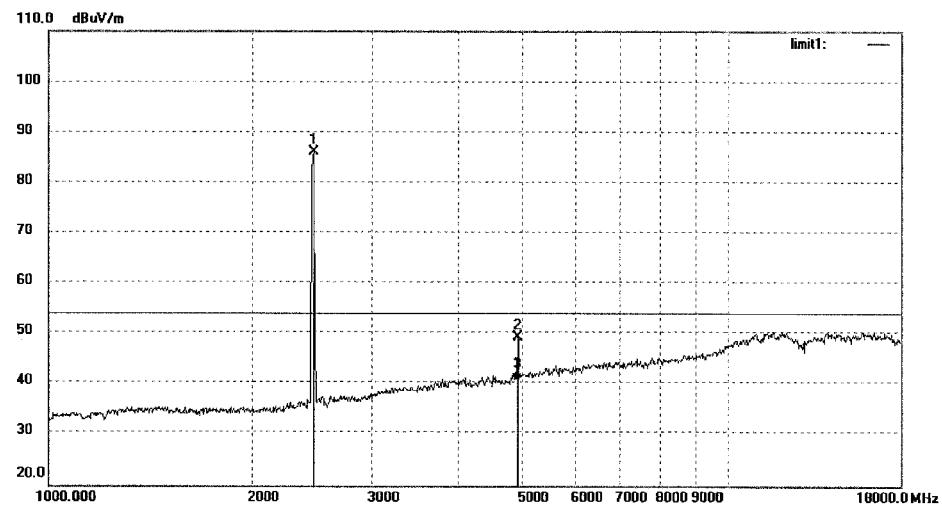


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #530	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	93.36	-7.35	86.01	/	/	peak			
2	4924.282	49.06	0.34	49.40	74.00	-24.60	peak			
3	4924.282	40.58	0.34	40.92	54.00	-13.08	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #653

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

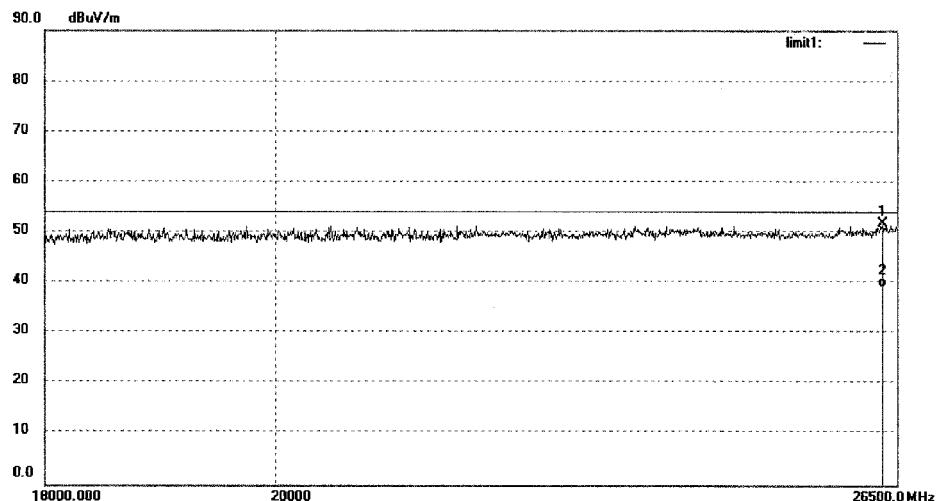
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26336.188	35.41	16.50	51.91	74.00	-22.09	peak			
2	26336.188	22.73	16.50	39.23	54.00	-14.77	Avg			

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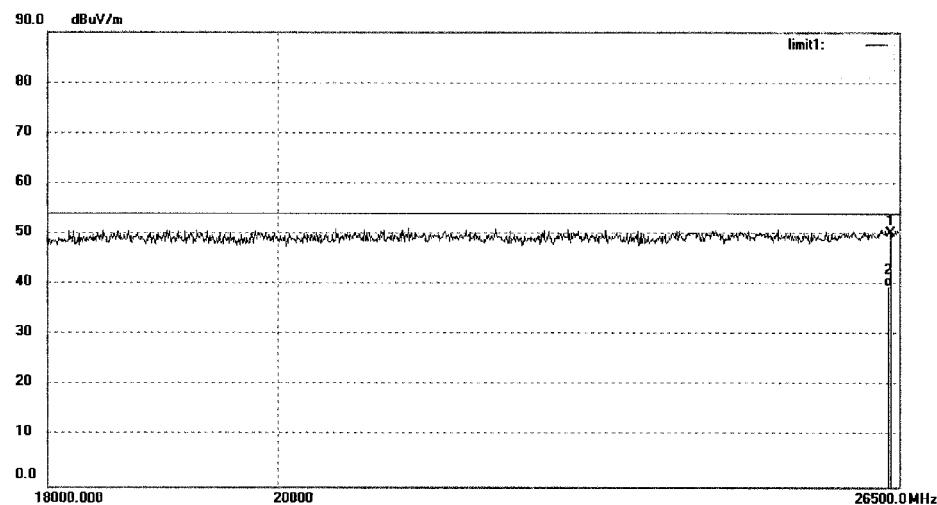


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #654	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2412MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26397.499	33.41	16.97	50.38	74.00	-23.62	peak			
2	26397.499	22.79	16.97	39.76	54.00	-14.24	Avg			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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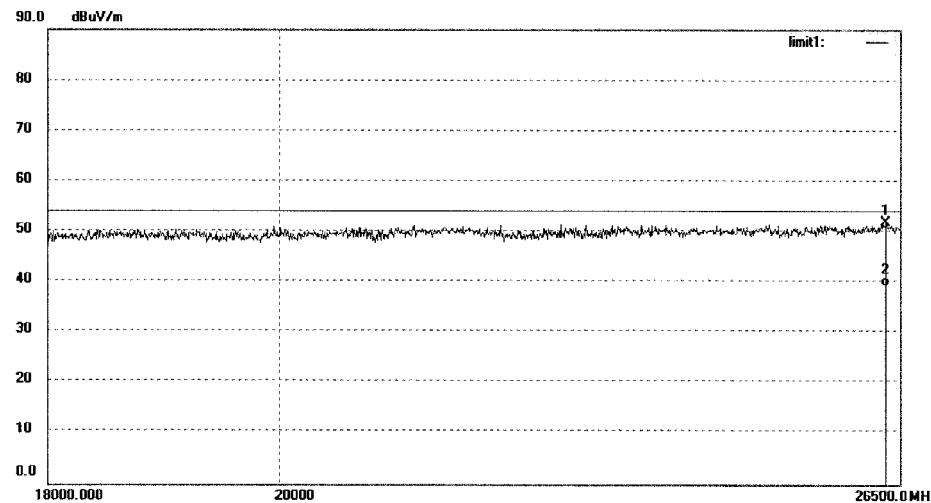


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #656	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 2437MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26336.188	35.27	16.50	51.77	74.00	-22.23	peak			
2	26336.188	22.74	16.50	39.24	54.00	-14.76	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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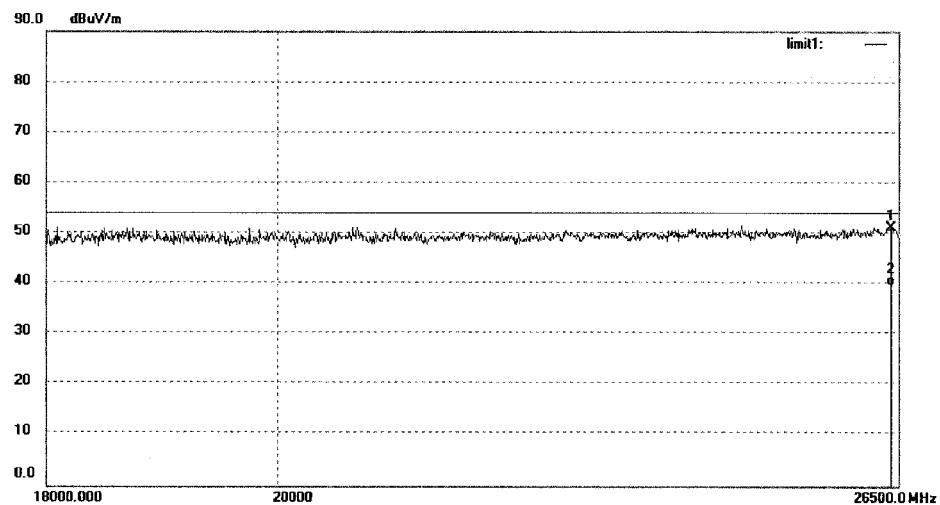


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #655	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 2437MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26417.967	34.32	16.95	51.27	74.00	-22.73	peak			
2	26417.967	22.85	16.95	39.80	54.00	-14.20	Avg			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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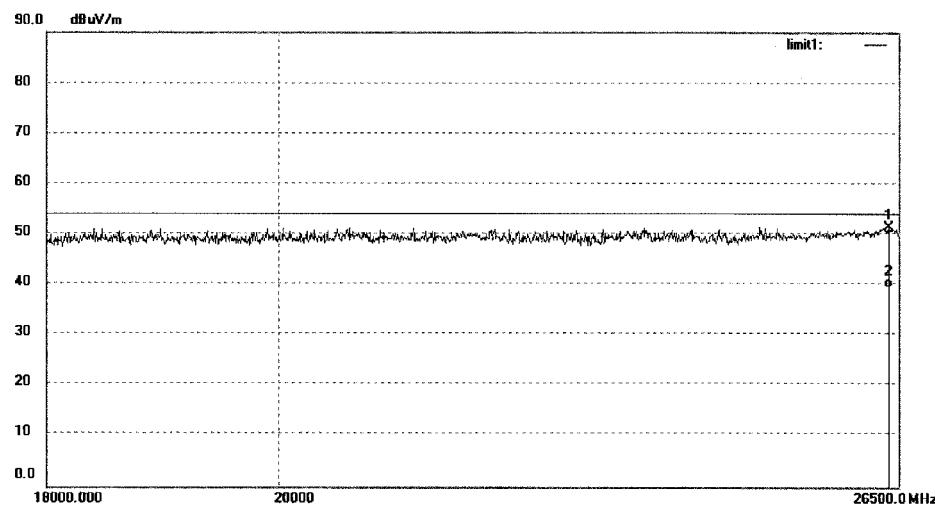


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #657	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26387.270	34.89	16.50	51.39	74.00	-22.61	peak			
2	26387.270	22.97	16.50	39.47	54.00	-14.53	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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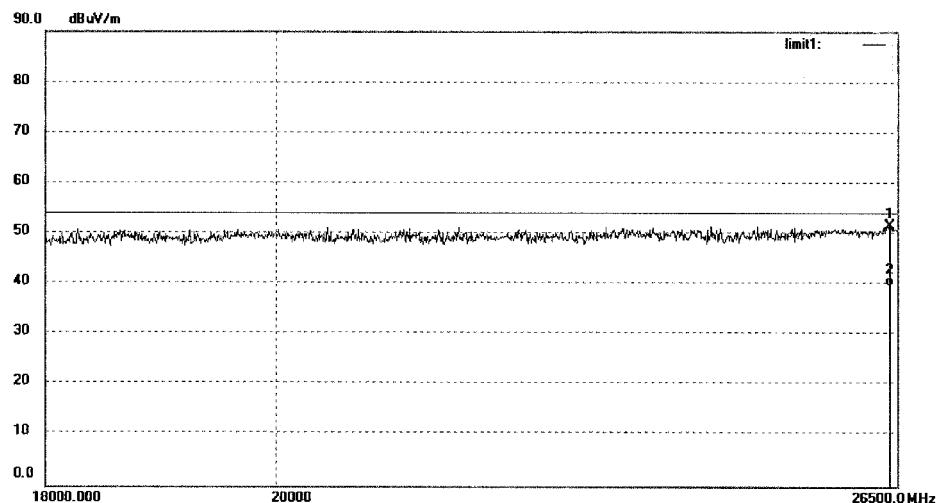


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #658	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	34.62	16.96	51.58	74.00	-22.42	peak			
2	26407.731	22.83	16.96	39.79	54.00	-14.21	Avg			

**Prüfbericht - Nr.: 17048716 002**  
Test Report No.

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**Test Plot of Band Edge for IC of 802.11n HT20**



**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #525

Polarization: Horizontal

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

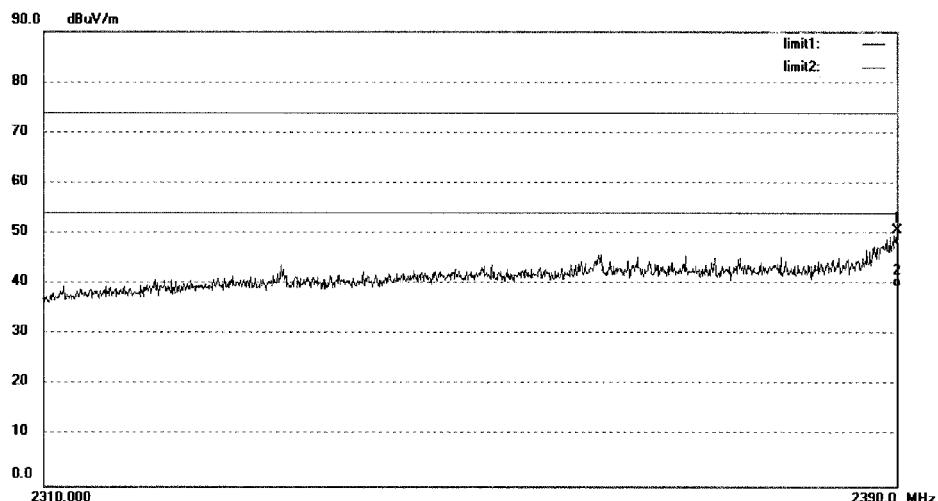
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	58.32	-7.53	50.79	74.00	-23.21	peak			
2	2390.000	46.95	-7.53	39.42	54.00	-14.58	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #526

Polarization: Vertical

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

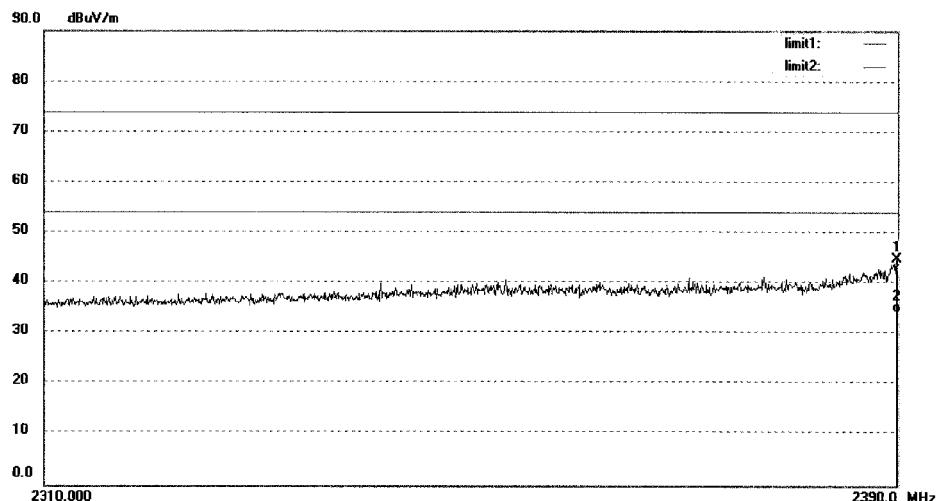
Mode: TX 2412MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.920	52.34	-7.53	44.81	74.00	-29.19	peak			
2	2389.920	41.85	-7.53	34.32	54.00	-19.68	Avg			

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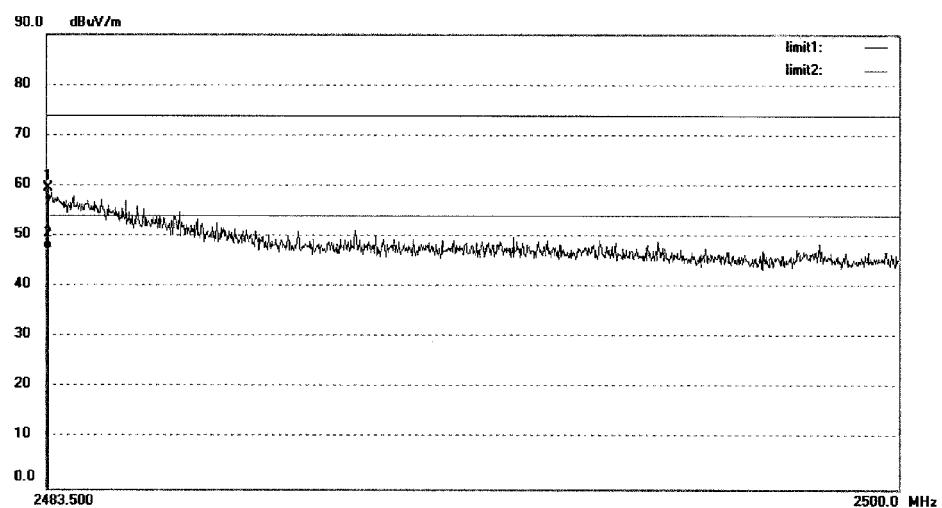


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #532	Polarization:	Horizontal
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2462MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT20		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.533	66.91	-7.37	59.54	74.00	-14.46	peak			
2	2483.533	54.69	-7.37	47.32	54.00	-6.68	Avg			

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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #531

Polarization: Vertical

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

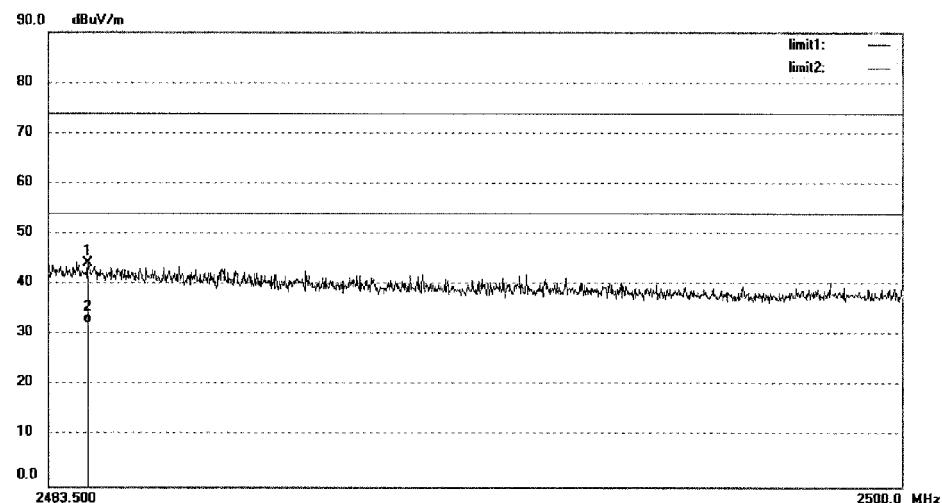
Mode: TX 2462MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2484.259	51.59	-7.38	44.21	74.00	-29.79	peak			
2	2484.259	39.69	-7.38	32.31	54.00	-21.69	AVG			

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**Test Plot of Spurious Emission of above 1GHz for IC of 802.11n HT40**



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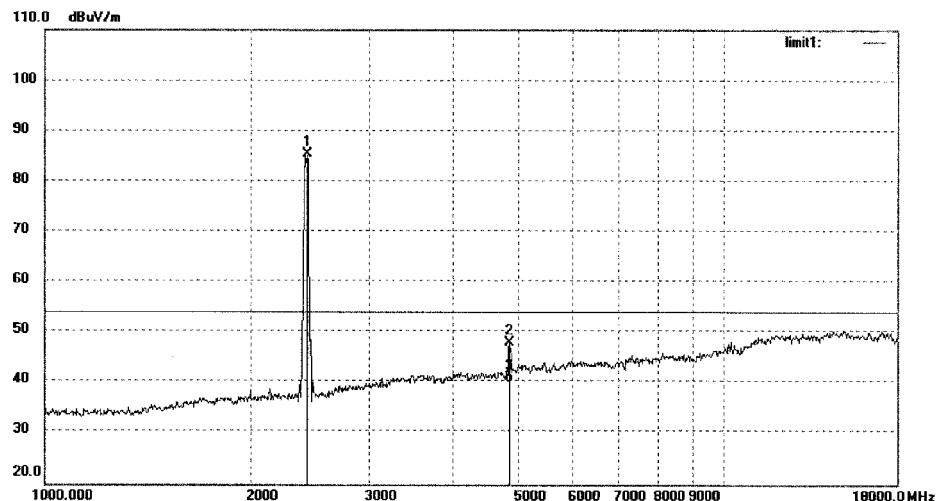
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #533	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 2422MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11n HT40	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.000	92.79	-7.40	85.39	/	/	peak			
2	4844.365	48.10	-0.07	48.03	74.00	-25.97	peak			
3	4844.365	40.28	-0.07	40.21	54.00	-13.79	AVG			

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #534

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

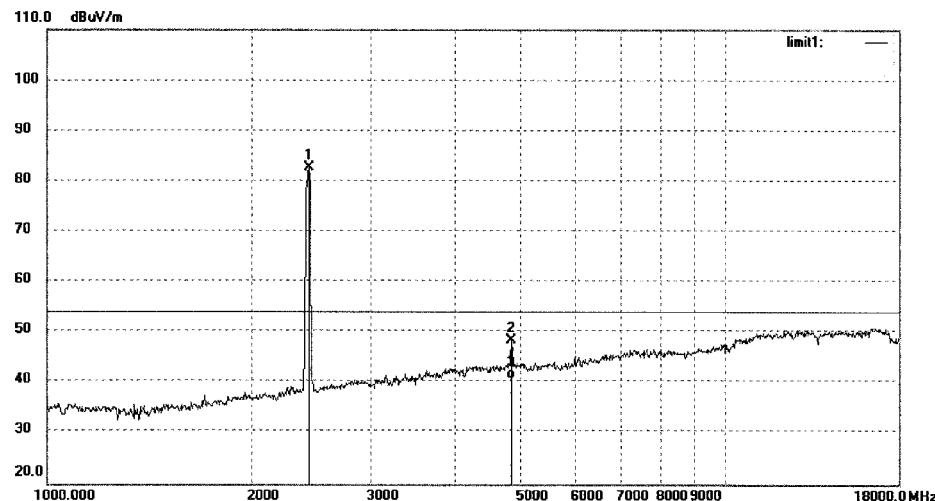
Mode: TX 2422MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.000	90.00	-7.40	82.60	/	/	peak			
2	4844.373	48.49	-0.07	48.42	74.00	-25.58	peak			
3	4844.373	40.95	-0.07	40.88	54.00	-13.12	Avg			

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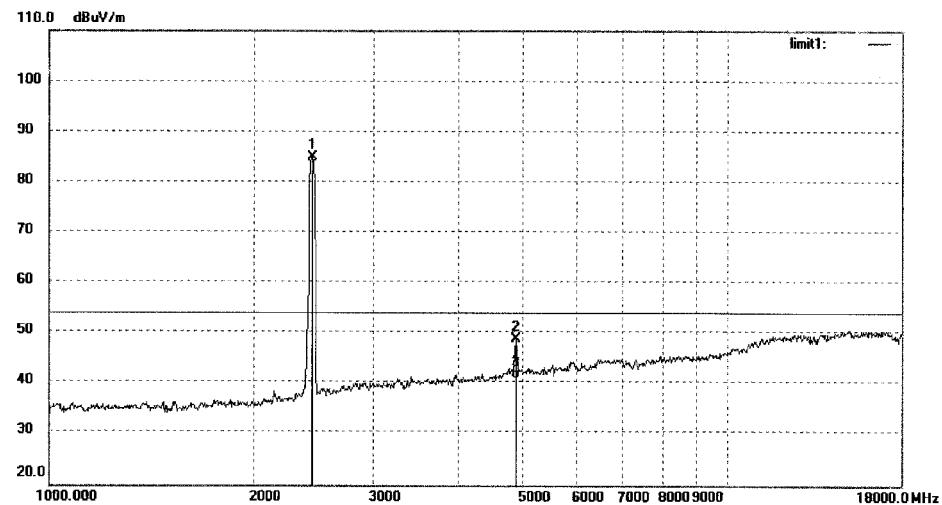


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #537	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	92.32	-7.36	84.96	/	/	peak			
2	4894.345	48.74	0.21	48.95	74.00	-25.05	peak			
3	4894.345	40.86	0.21	41.07	54.00	-12.93	AVG			

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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #538

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

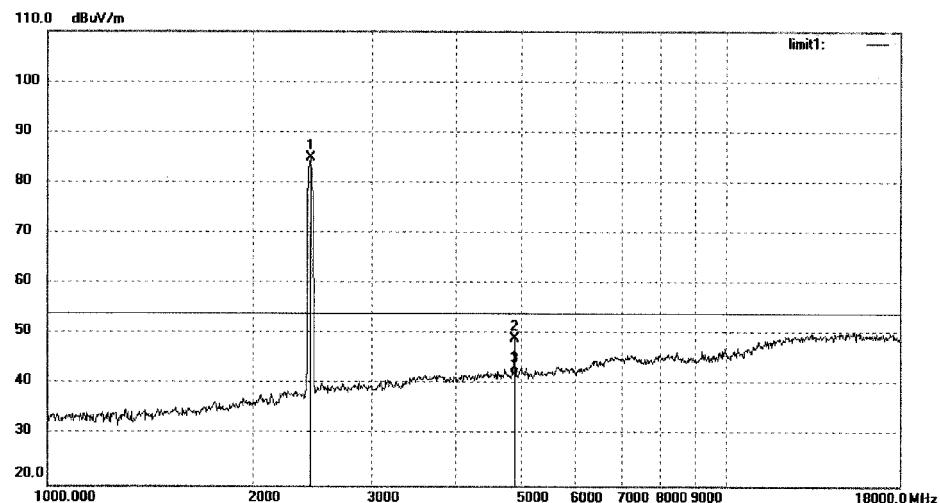
Mode: TX 2437MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	92.21	-7.36	84.85	/	/	peak			
2	4874.338	49.15	0.09	49.24	74.00	-24.76	peak			
3	4874.338	41.75	0.09	41.84	54.00	-12.16	Avg			

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Test Report No.

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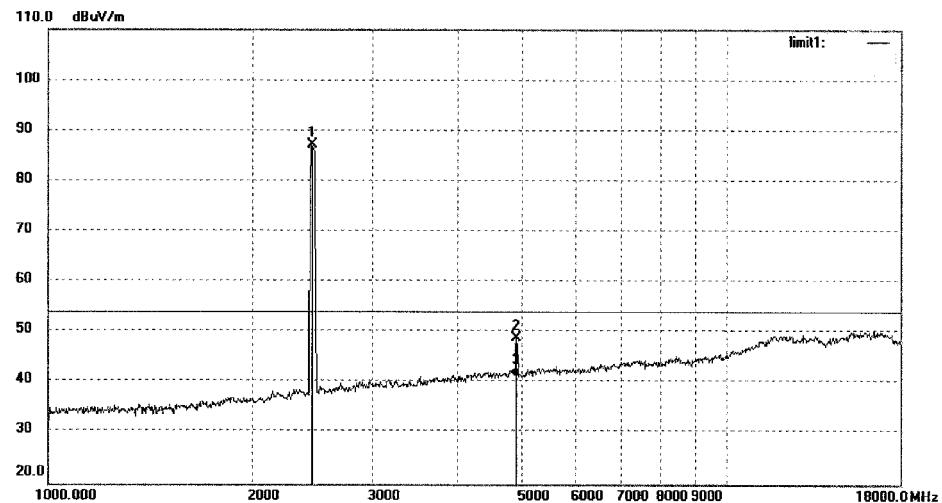


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #540	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2452MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.000	94.45	-7.33	87.12	/	/	peak			
2	4904.338	48.68	0.25	48.93	74.00	-25.07	peak			
3	4904.338	41.07	0.25	41.32	54.00	-12.68	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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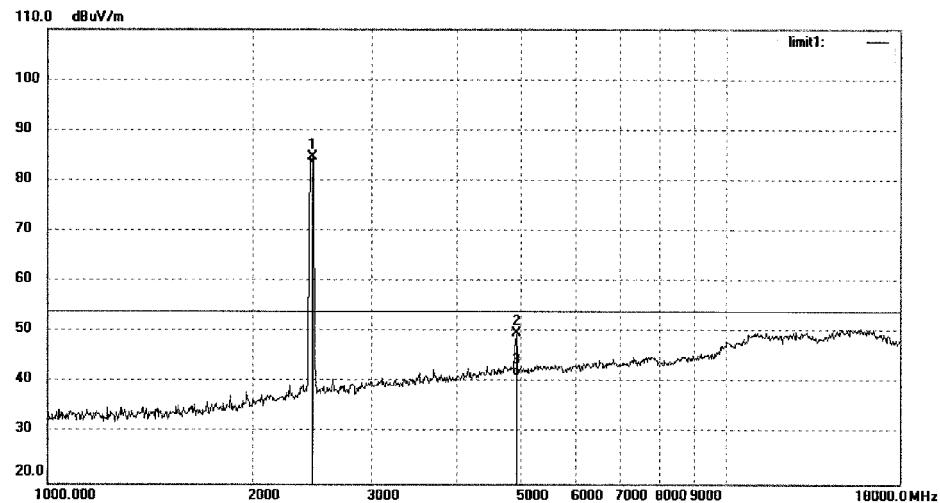


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #539	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2452MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.000	92.08	-7.33	84.75	/	/	peak			
2	4902.319	49.61	0.25	49.86	74.00	-24.14	peak			
3	4902.319	40.96	0.25	41.21	54.00	-12.79	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
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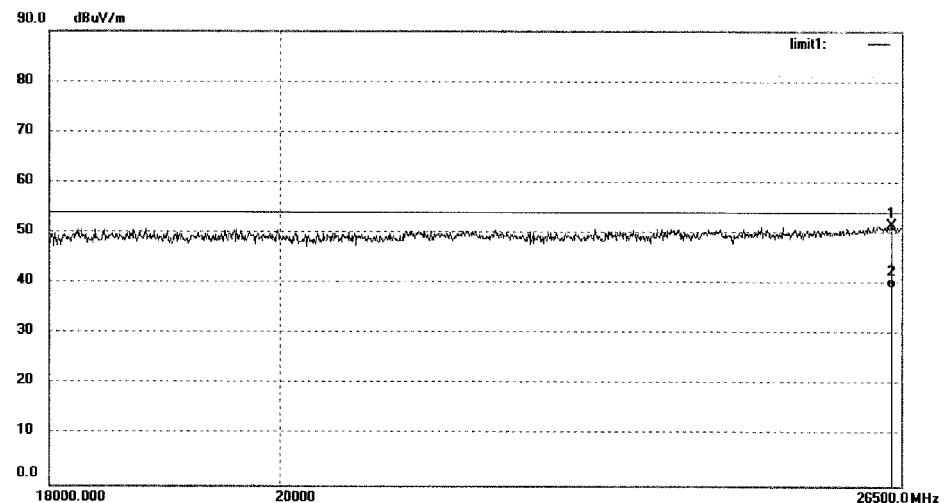


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #660	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2422MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26387.270	35.06	16.50	51.56	74.00	-22.44	peak			
2	26387.270	22.80	16.50	39.30	54.00	-14.70	AVG			

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Test Report No.

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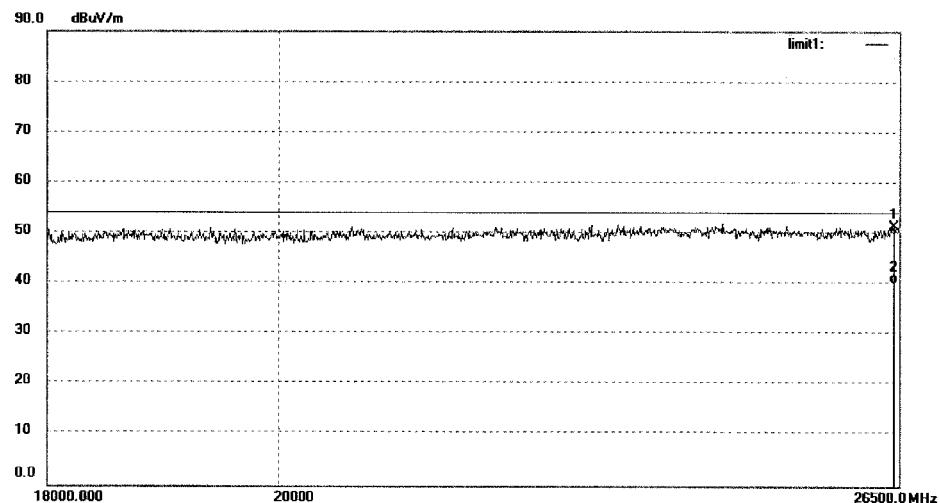


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #659	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2422MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26438.451	34.54	16.94	51.48	74.00	-22.52	peak			
2	26438.451	23.14	16.94	40.08	54.00	-13.92	AVG			

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Test Report No.

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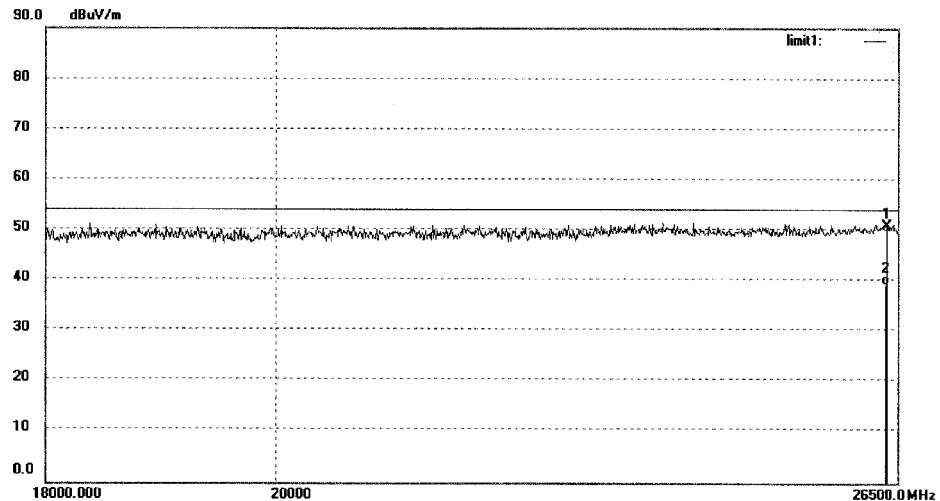


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #661	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26377.046	34.46	16.50	50.96	74.00	-23.04	peak			
2	26377.046	22.77	16.50	39.27	54.00	-14.73	Avg			

**Prüfbericht - Nr.: 17048716 002**  
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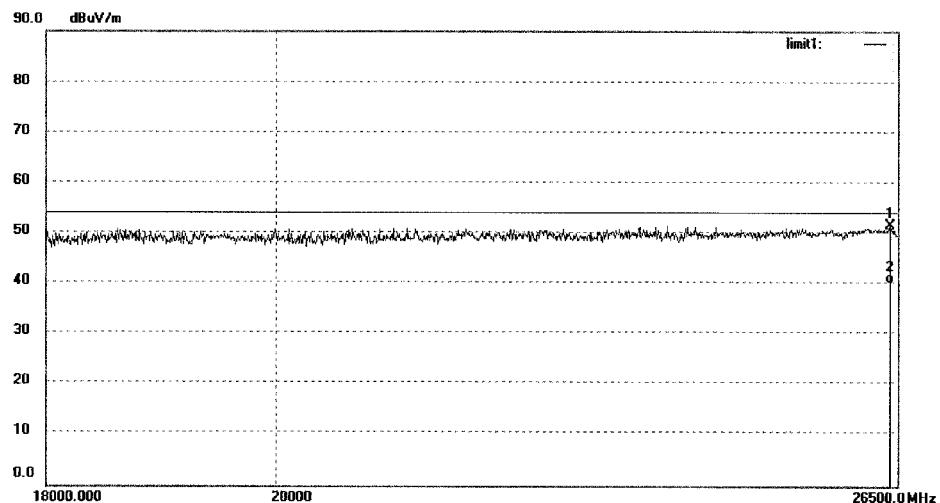


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #662	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2437MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	34.66	16.96	51.62	74.00	-22.38	peak			
2	26407.731	23.18	16.96	40.14	54.00	-13.86	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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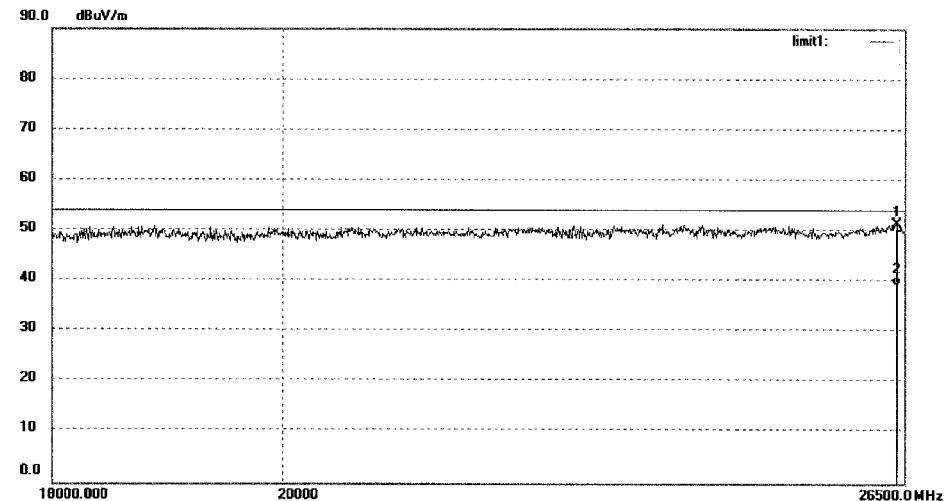


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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #664	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2452MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	34.88	16.50	51.38	74.00	-22.62	peak			
2	26407.731	22.71	16.50	39.21	54.00	-14.79	AVG			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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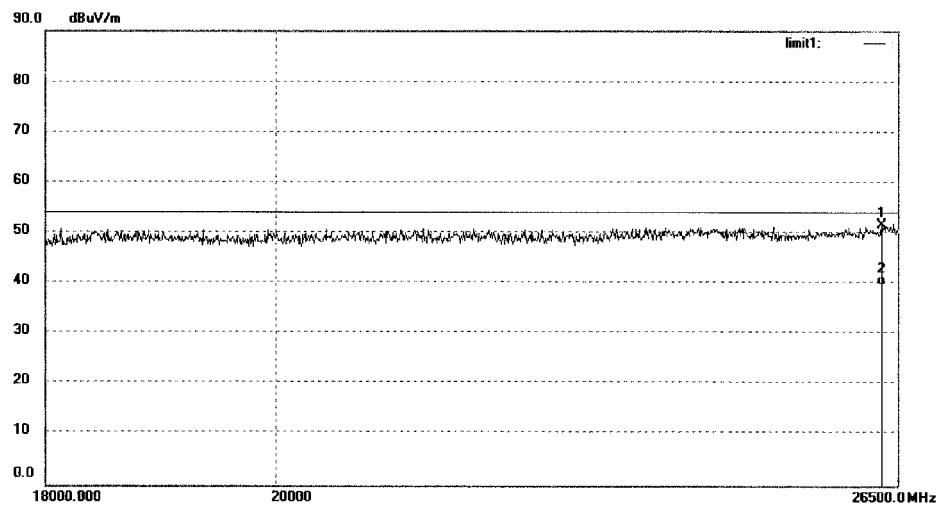


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #663	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2452MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26315.783	34.52	17.02	51.54	74.00	-22.46	peak			
2	26315.783	22.75	17.02	39.77	54.00	-14.23	AVG			

**Prüfbericht - Nr.: 17048716 002**  
Test Report No.

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**Test Plot of Band Edge for IC of 802.11n HT40**



**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #536

Polarization: Horizontal

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

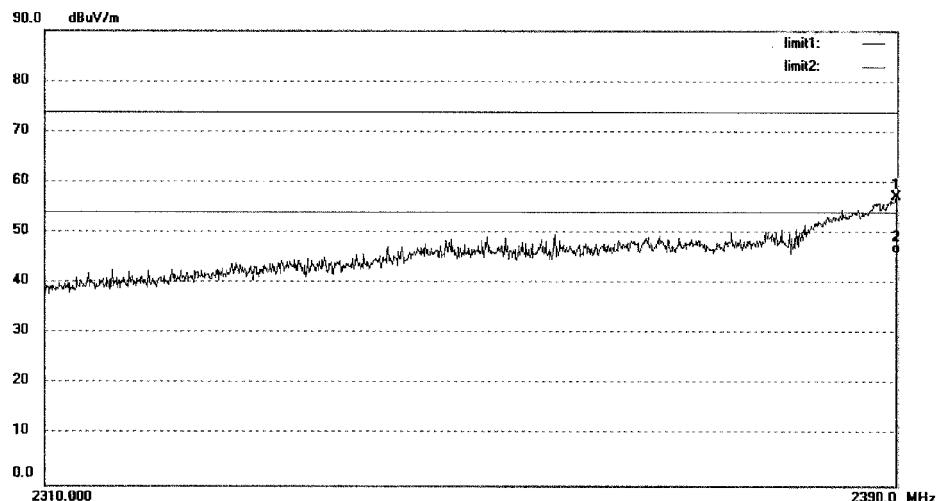
Mode: TX 2422MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11n HT40



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.920	64.81	-7.53	57.28	74.00	-16.72	peak			
2	2389.920	53.46	-7.53	45.93	54.00	-8.07	Avg			

**Prüfbericht - Nr.:** **17048716 002**  
Test Report No.

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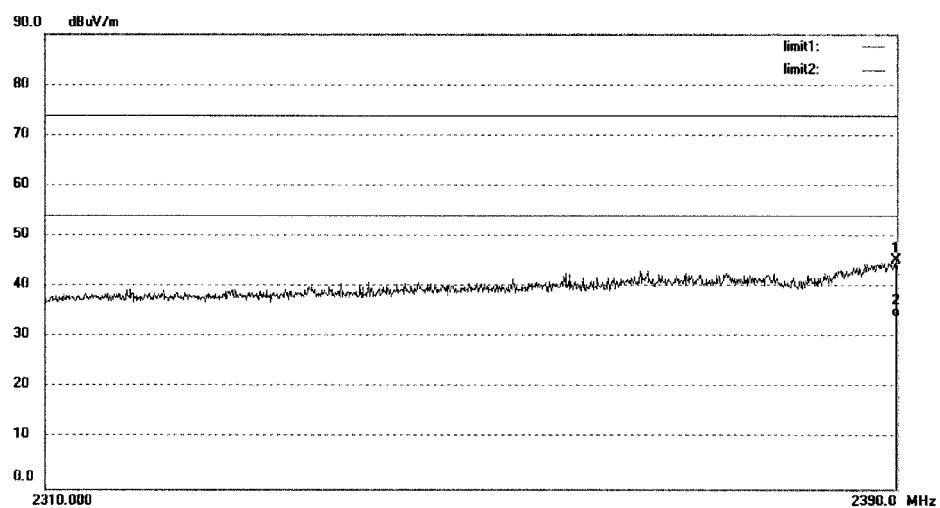


**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: YULIAH #535	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 2422MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11n HT40	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.920	52.87	-7.53	45.34	74.00	-28.66	peak			
2	2389.920	41.69	-7.53	34.16	54.00	-19.84	Avg			

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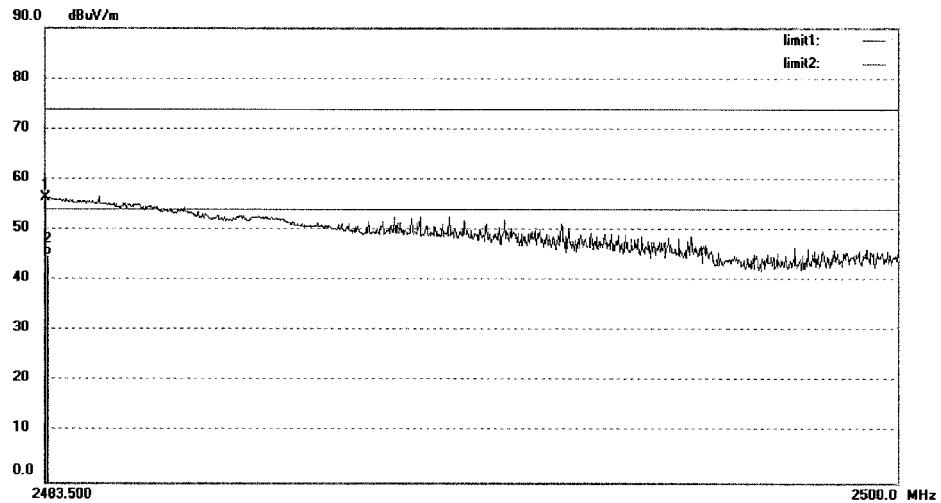


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F1,Bldg.A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #541	Polarization:	Horizontal
Standard:	FCC PK	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2452MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	63.69	-7.37	56.32	74.00	-17.68	peak			
2	2483.500	52.26	-7.37	44.89	54.00	-9.11	AVG			

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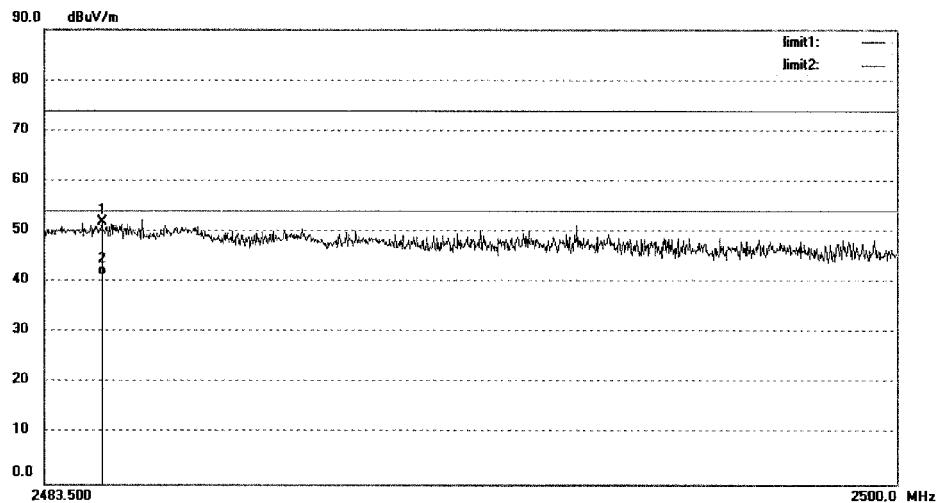


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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.:	YULIAH #542	Polarization:	Vertical
Standard:	FCC PK	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/05/09
Temp.( C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Insignia Flex 8" WiFi Android Tablet	Engineer Signature:	PEI
Mode:	TX 2452MHz	Distance:	3m
Model:	NS-P16AT08		
Manufacturer:			
Note:	802.11n HT40		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2484.622	59.14	-7.38	51.76	74.00	-22.24	peak			
2	2484.622	48.58	-7.38	41.20	54.00	-12.80	Avg			

**Prüfbericht - Nr.: 17048716 002**  
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Page 219 of 226**5.1.7 Conducted emissions****RESULT:****Pass**

Date of testing	:	2015-05-16
Test standard	:	FCC Part 15.207 RSS-Gen Clause 8.8
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 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	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

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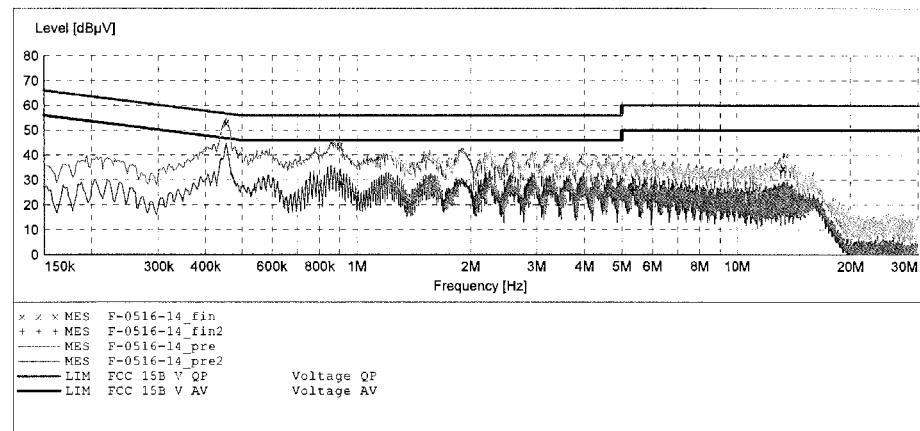
**ACCURATE TECHNOLOGY CO., LTD**

### CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
 Manufacturer:  
 Operating Condition: On with Wi-Fi  
 Test Site: 1#Shielding Room  
 Operator: Pei  
 Test Specification: L 120V/60Hz  
 Comment: Mains Port  
 Start of Test: 2015-5-16 /

### SCAN TABLE: "V 150K-30MHz fin"

Short Description: \_SUB\_STD\_VTERM2 1.70  
 Start Stop Step Detector Meas. IF Transducer  
 Frequency Frequency Width Time Bandw.  
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSIK8126 2008  
 Average



### MEASUREMENT RESULT: "F-0516-14\_fin"

2015-5-16							
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.454000	53.10	11.4	57	3.7	QP	L1	GND
0.902000	43.80	11.6	56	12.2	QP	L1	GND
13.326500	34.90	11.9	60	25.1	QP	L1	GND

### MEASUREMENT RESULT: "F-0516-14\_fin2"

2015-5-16							
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.454000	43.40	11.4	47	3.4	AV	L1	GND
0.908000	28.10	11.6	46	17.9	AV	L1	GND
5.339000	25.90	11.8	50	24.1	AV	L1	GND

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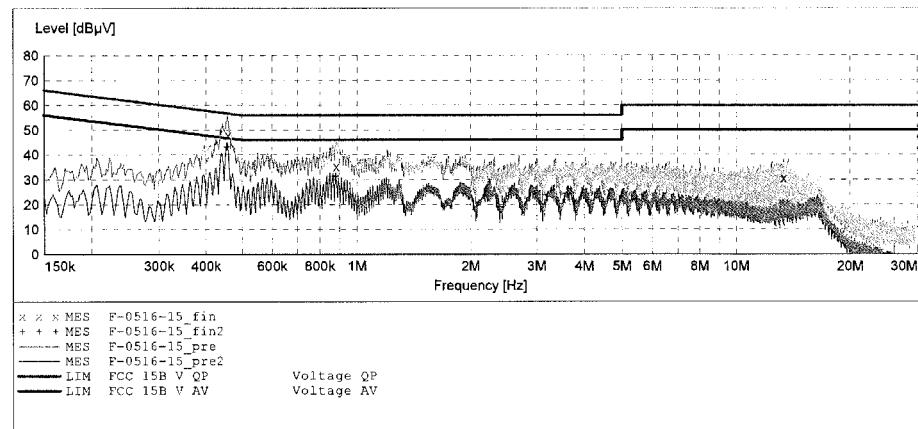
**ACCURATE TECHNOLOGY CO., LTD**

**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08  
 Manufacturer:  
 Operating Condition: On with Wi-Fi  
 Test Site: 1#Shielding Room  
 Operator: Pei  
 Test Specification: N 120V/60Hz  
 Comment: Mains Port  
 Start of Test: 2015-5-16 /

**SCAN TABLE: "V 150K-30MHz fin"**

Short Description: \_SUB\_STD\_VTERM2 1.70  
 Start Stop Step Detector Meas. IF Transducer  
 Frequency Frequency Width Time Bandw.  
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
 Average



**MEASUREMENT RESULT: "F-0516-15\_fin"**

2015-5-16							
Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
MHz	dBµV	dB	dBµV	dB			
0.458000	48.00	11.4	57	8.7	QP	N	GND
0.882000	35.30	11.6	56	20.7	QP	N	GND
13.398500	30.70	11.9	60	29.3	QP	N	GND

**MEASUREMENT RESULT: "F-0516-15\_fin2"**

2015-5-16							
Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
MHz	dBµV	dB	dBµV	dB			
0.456000	43.10	11.4	47	3.7	AV	N	GND
0.878000	31.30	11.6	46	14.7	AV	N	GND
5.460500	22.10	11.8	50	27.9	AV	N	GND

## 6. Photographs of the Test Set-Up

**Photograph 1: Set-up for Conducted Emissions**



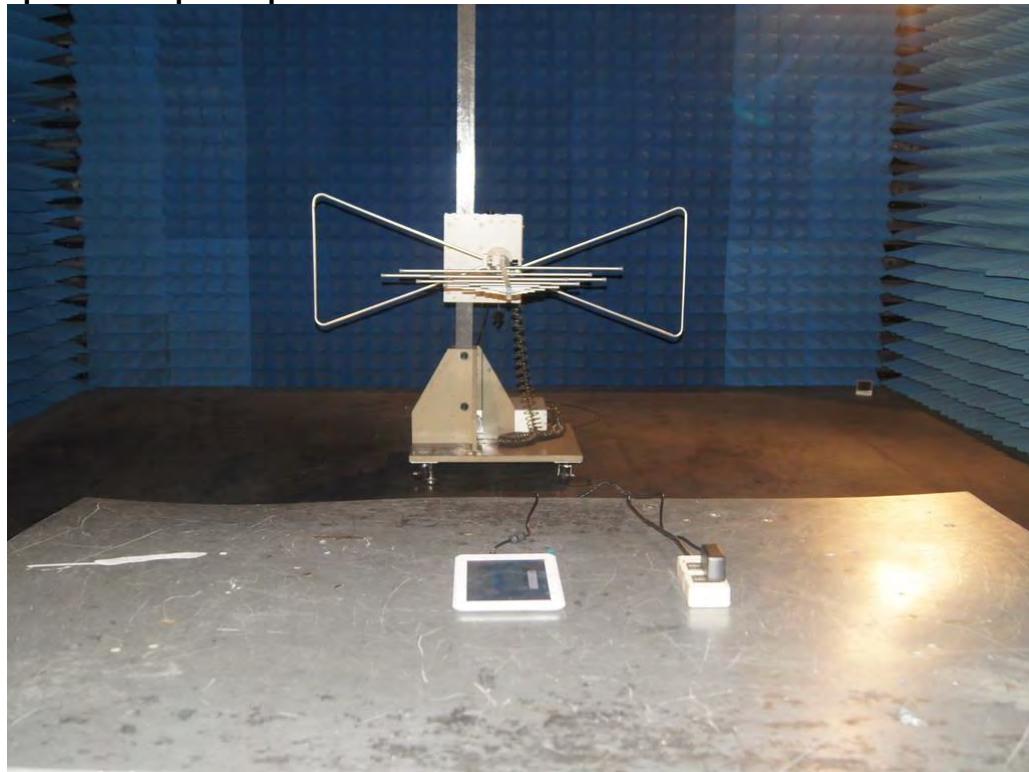
**Photograph 2: Set-up for Spurious Emissions for below 30MHz**



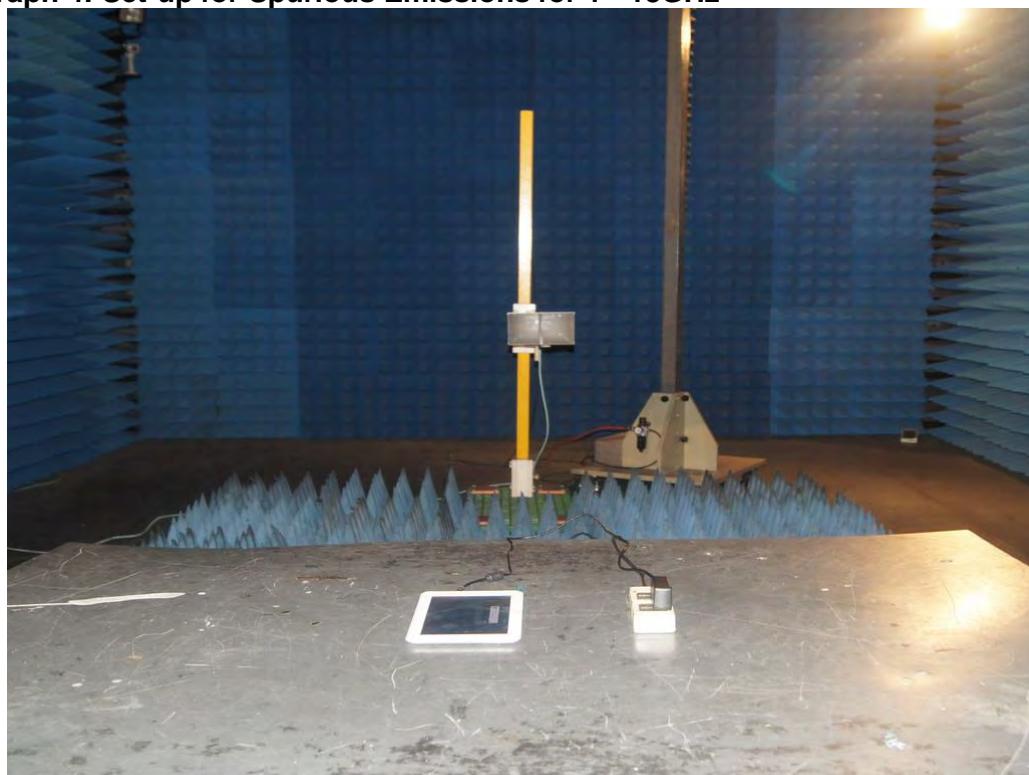
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**Photograph 3: Set-up for Spurious Emissions for 30 - 1000MHz**



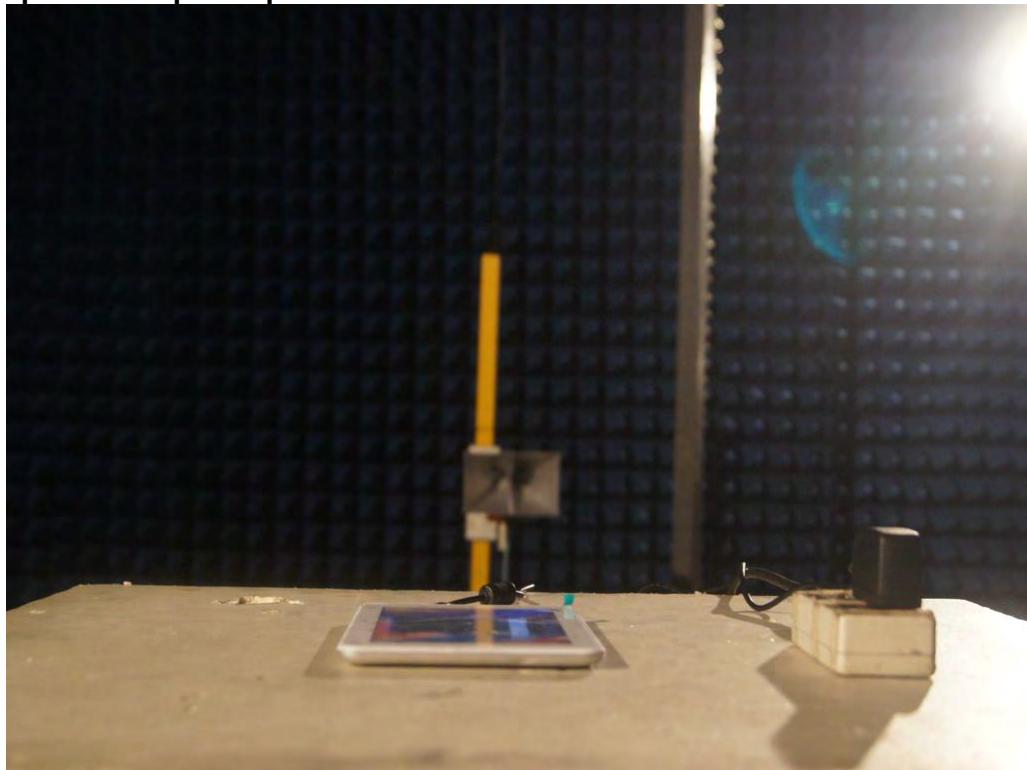
**Photograph 4: Set-up for Spurious Emissions for 1 - 18GHz**



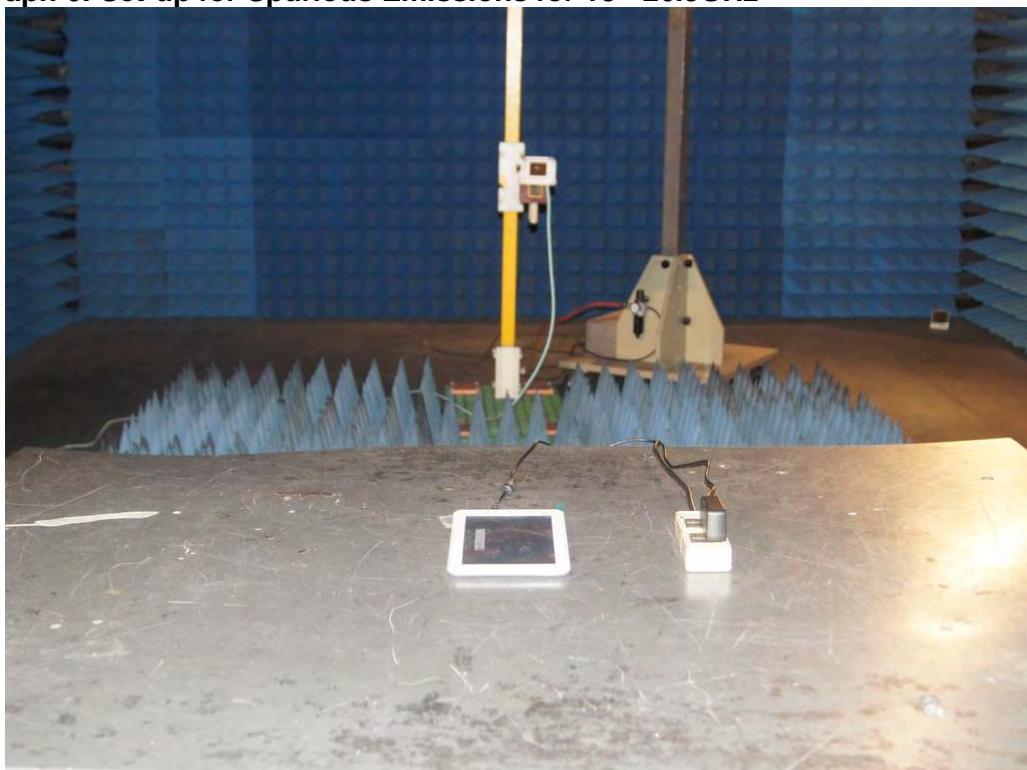
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**Photograph 5: Set-up for Spurious Emissions for 1 - 18GHz for IC**



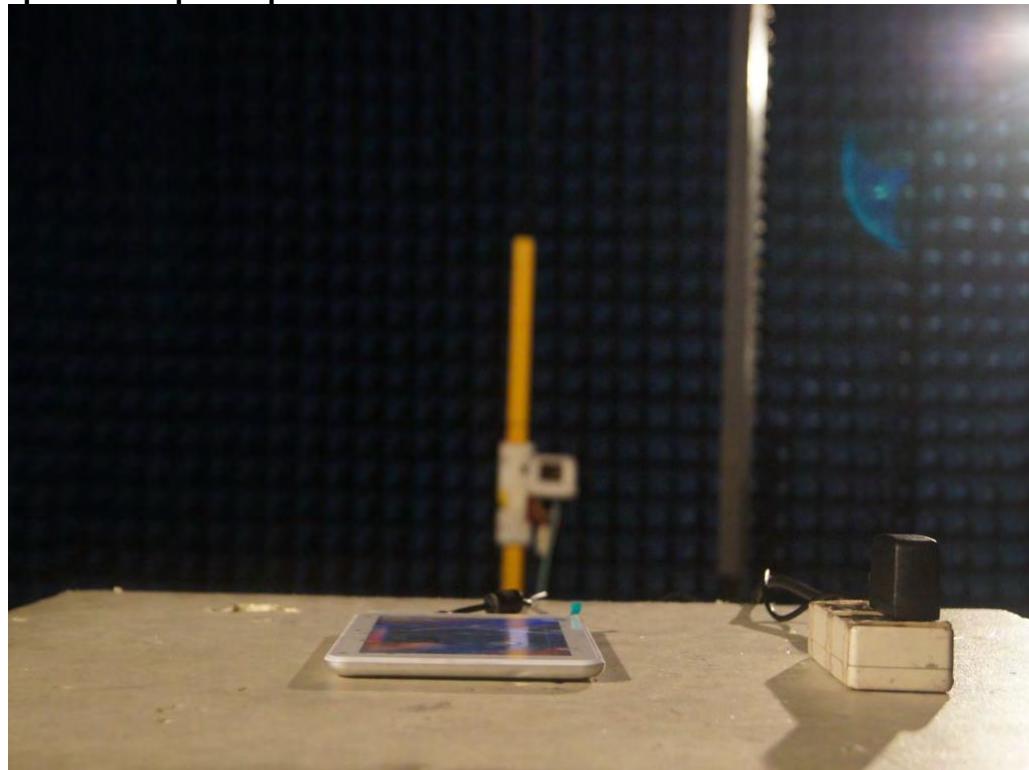
**Photograph 6: Set-up for Spurious Emissions for 18 - 26.5GHz**



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**Photograph 7: Set-up for Spurious Emissions for 18 - 26.5GHz for IC**



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