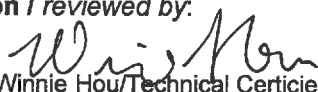


Prüfbericht-Nr.: <i>Test Report No.:</i>	17048716 002	Auftrags-Nr.: <i>Order No.:</i>	164033146	Seite 1 von 226 <i>Page 1 of 226</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	30.03.2015	
Auftraggeber: <i>Client:</i>	Lightcomm Technology Co., Ltd. RM1708-10, 17/F, PROSPERITY CENTRE, 25 CHONG YIP STREET, KWUN TONG, HONG KONG			
Prüfgegenstand: <i>Test item:</i>	8" Wi-Fi Android™ Tablet			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	NS-P16AT08, MID8005-L			
Auftrags-Inhalt: <i>Order content:</i>	FCC/IC Certification			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 RSS-210 Issue 8 December 2010 RSS-Gen Issue 4 November 2014			
Wareneingangsdatum: <i>Date of receipt:</i>	15.04.2015			
Prüfmuster-Nr.: <i>Test sample No.:</i>	1500842, 1500843, 1500844			
Prüfzeitraum: <i>Testing period:</i>	18.04.2015 - 16.05.2015			
Ort der Prüfung: <i>Place of testing:</i>	Accurate Technology Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:  26.05.2015 Owen Tian/Senior Project Manager Datum Name / Stellung Unterschrift Date Name / Position Signature		kontrolliert von / reviewed by:  26.05.2015 Winnie Hou/Technical Certifier Datum Name / Stellung Unterschrift Date Name / Position Signature		
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

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
Transmitter spurious emissions & Receiver spurious emissions				
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
Radio Spectrum Test				
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
Conducted Emission				
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	$< \pm 0.60$ dB
Radiated emission of transmitter, valid up to 26.5 GHz	$< \pm 4.42$ dB
Conducted Emission	$< \pm 2.23$ dB
Radiated Emission	$< \pm 4.42$ 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

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

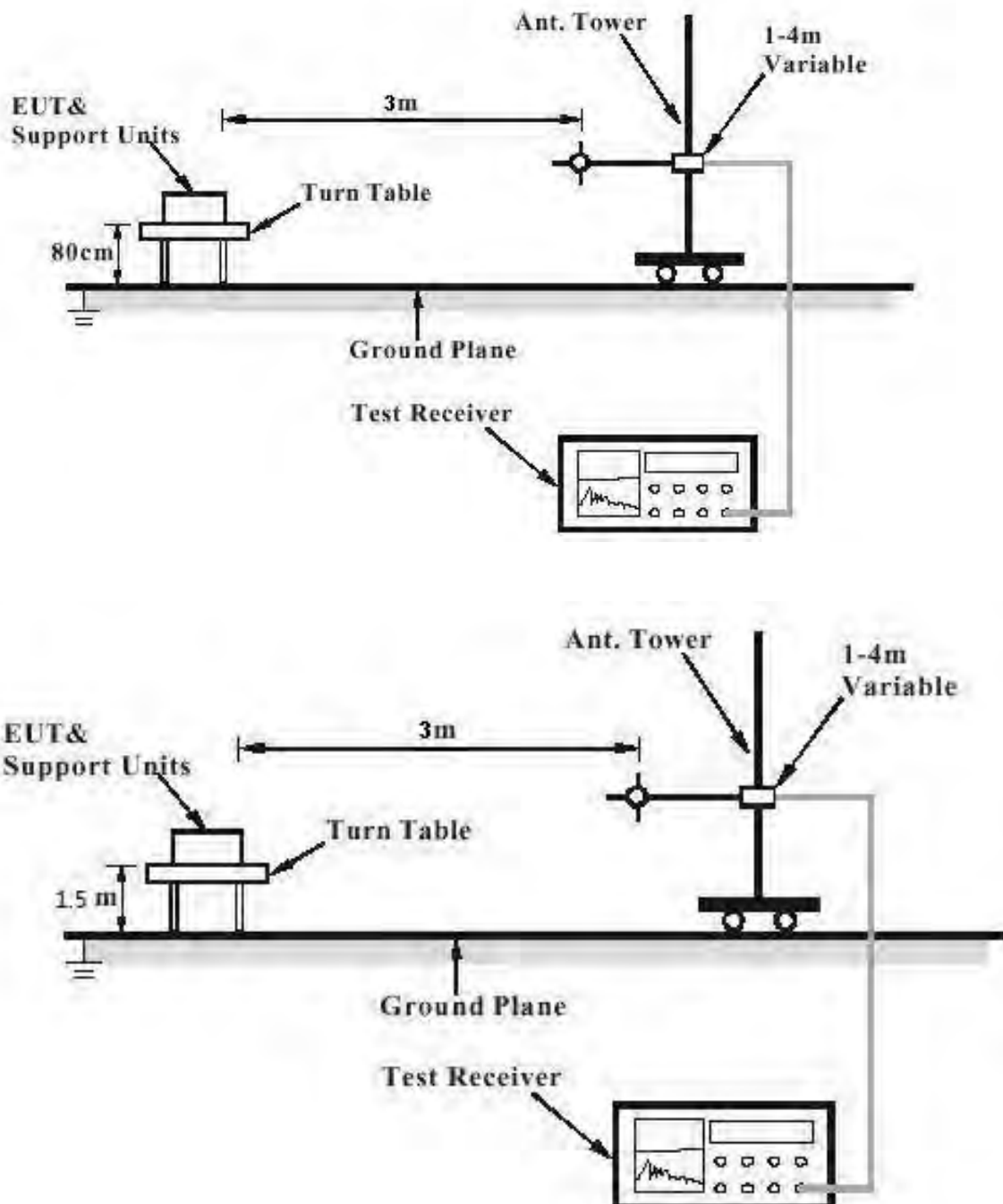


Diagram of Measurement Equipment Configuration for Conduction Measurement

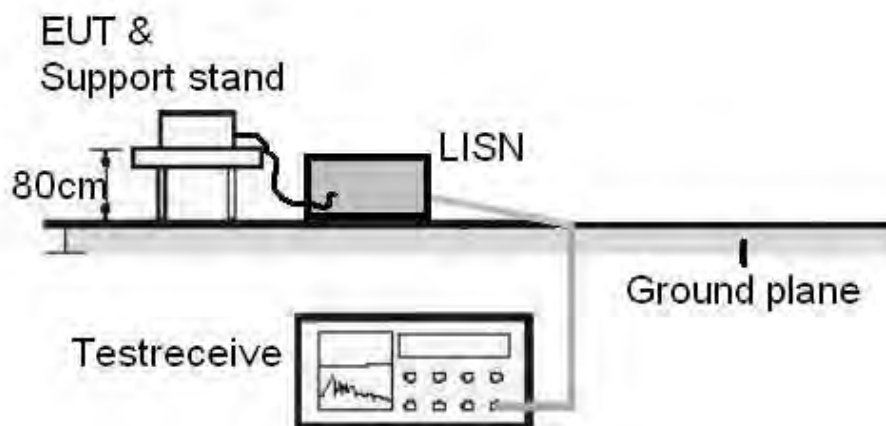
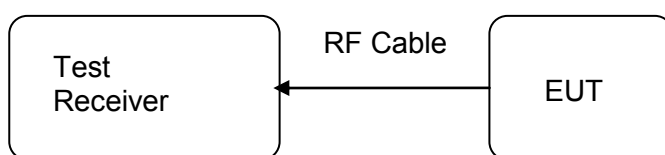


Diagram of Measurement Equipment Configuration for Transmitter Measurement



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.

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

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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

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

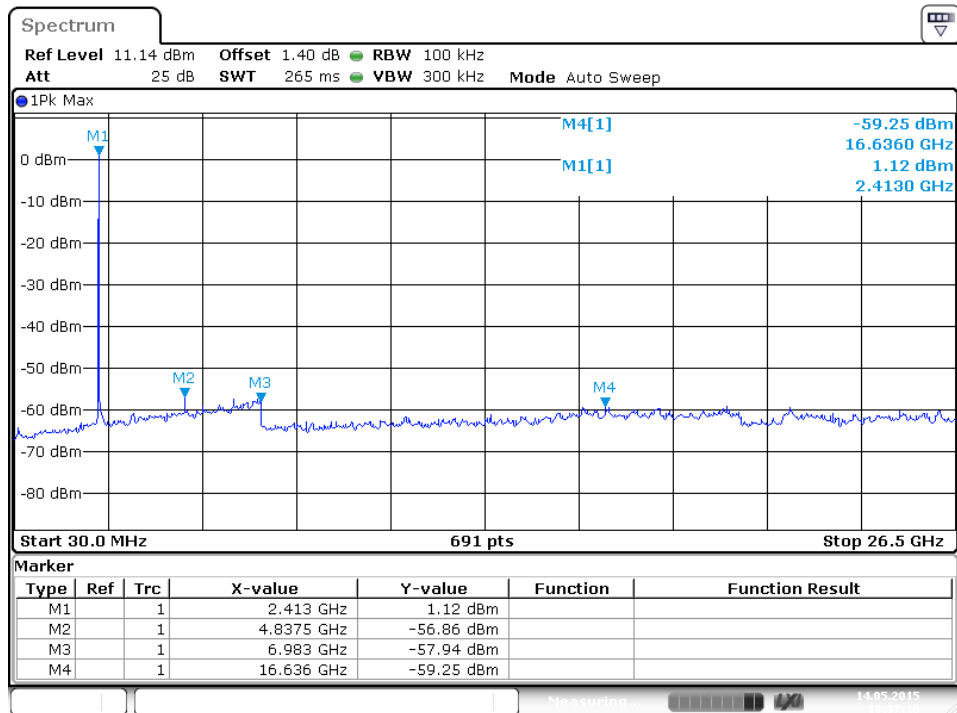
Test setup

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.

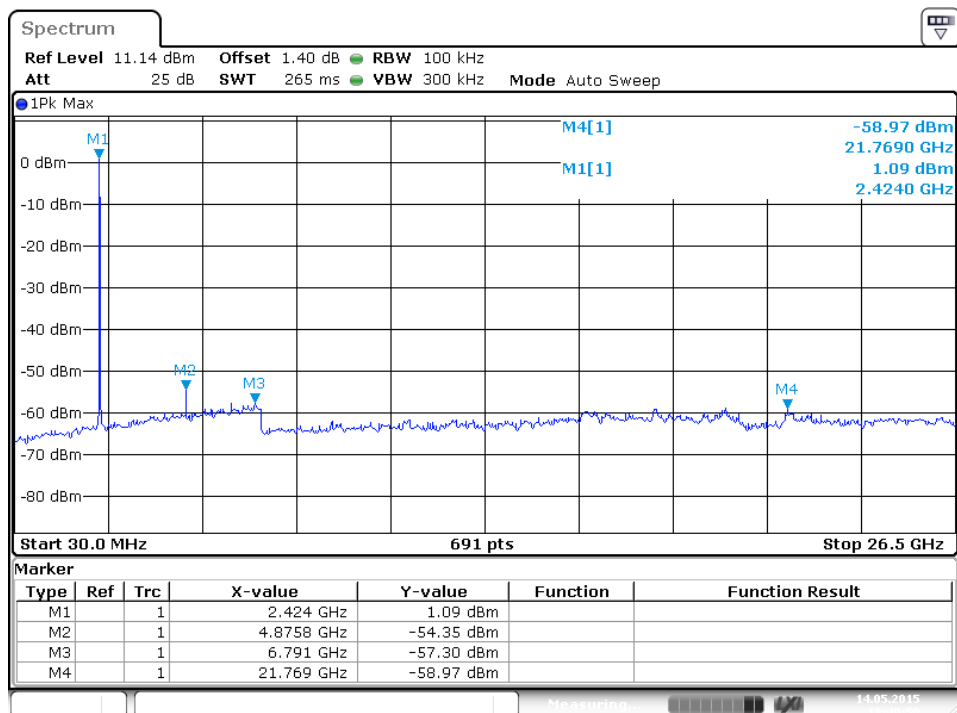
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11b

Low Channel

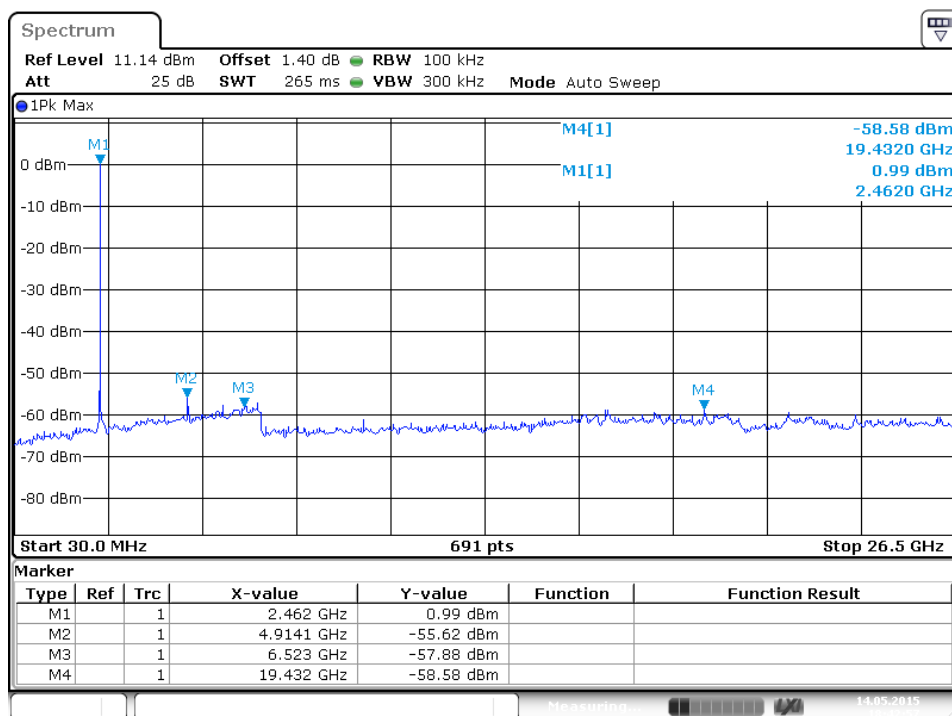


Date: 14.MAY.2015 18:37:16

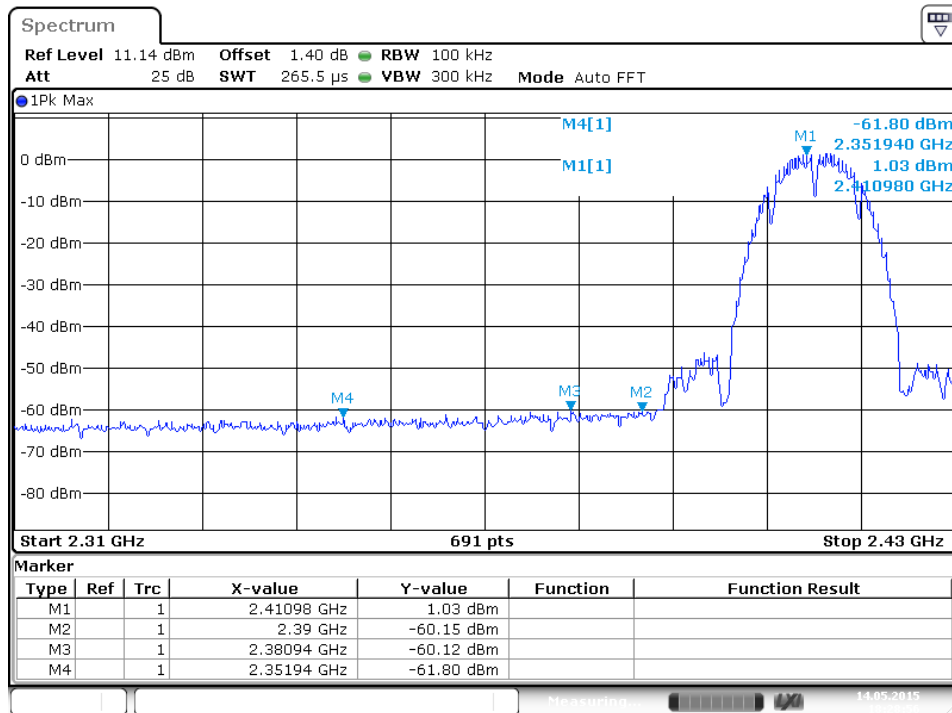
Middle Channel



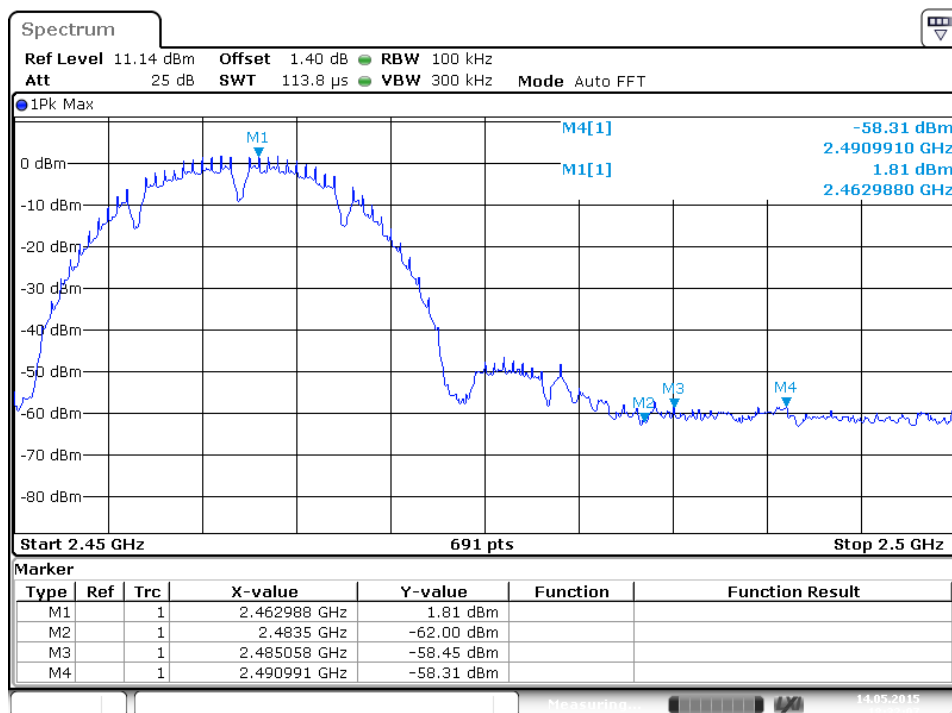
Date: 14.MAY.2015 18:40:50

High Channel


Date: 14.MAY.2015 18:42:57

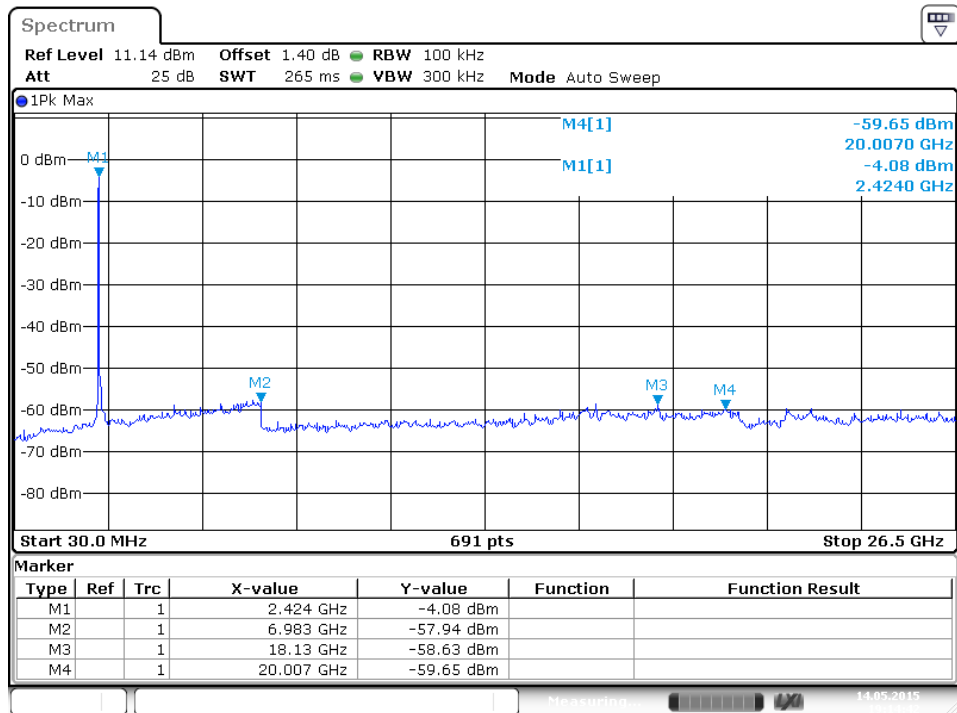
Band Edge


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



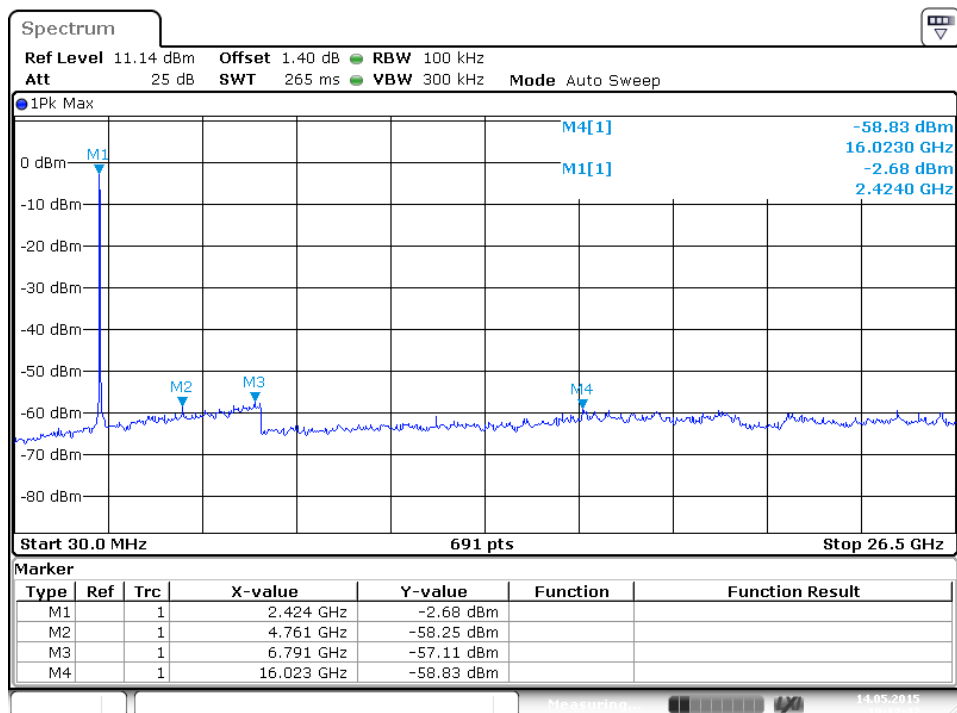
Date: 14.MAY.2015 18:32:06

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



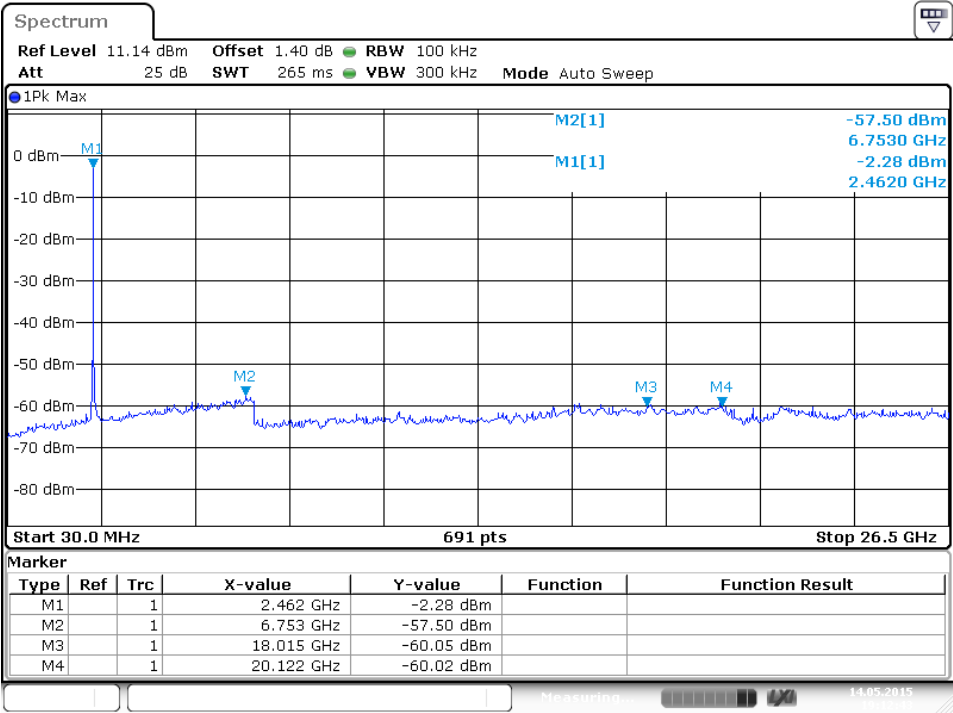
Date: 14.MAY.2015 19:14:41

Middle Channel

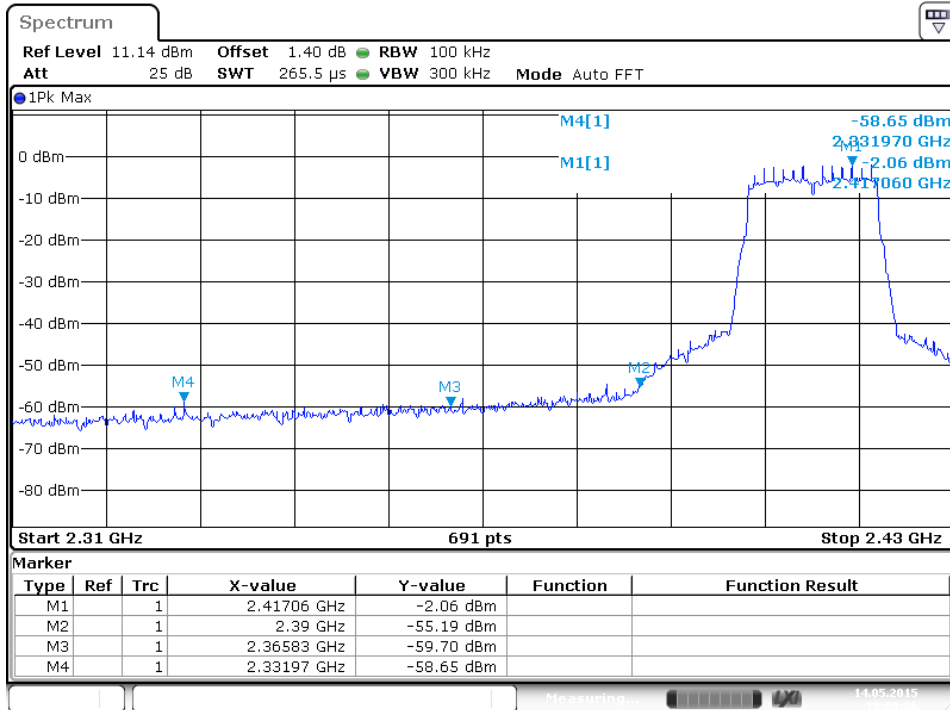


Date: 14.MAY.2015 19:13:41

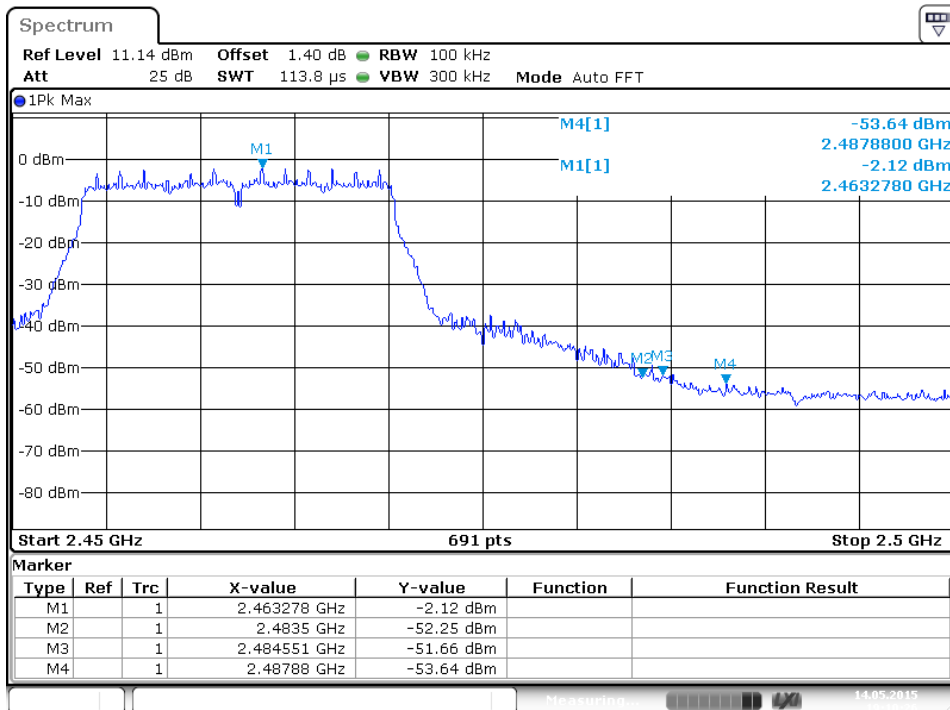
High Channel



Date: 14.MAY.2015 19:12:42

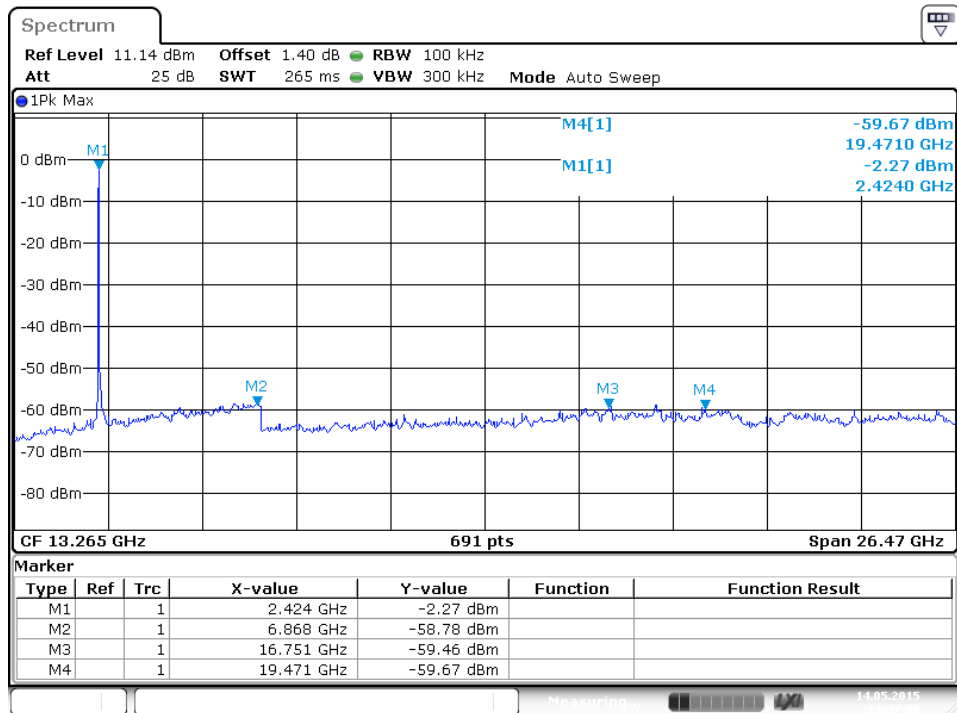
Band Edge


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

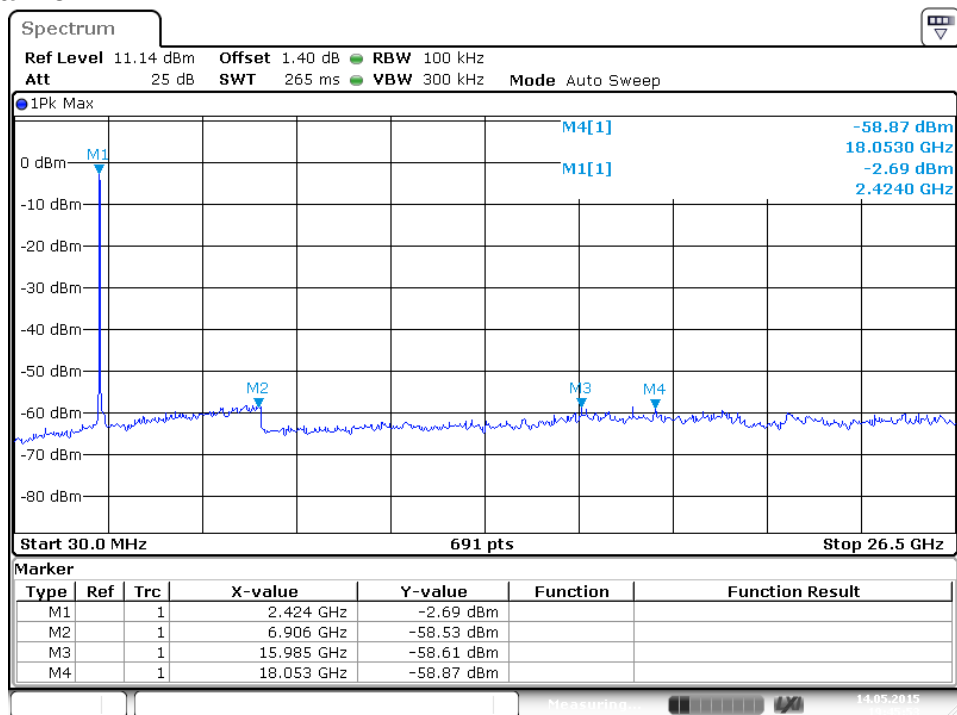


Date: 14.MAY.2015 19:10:26

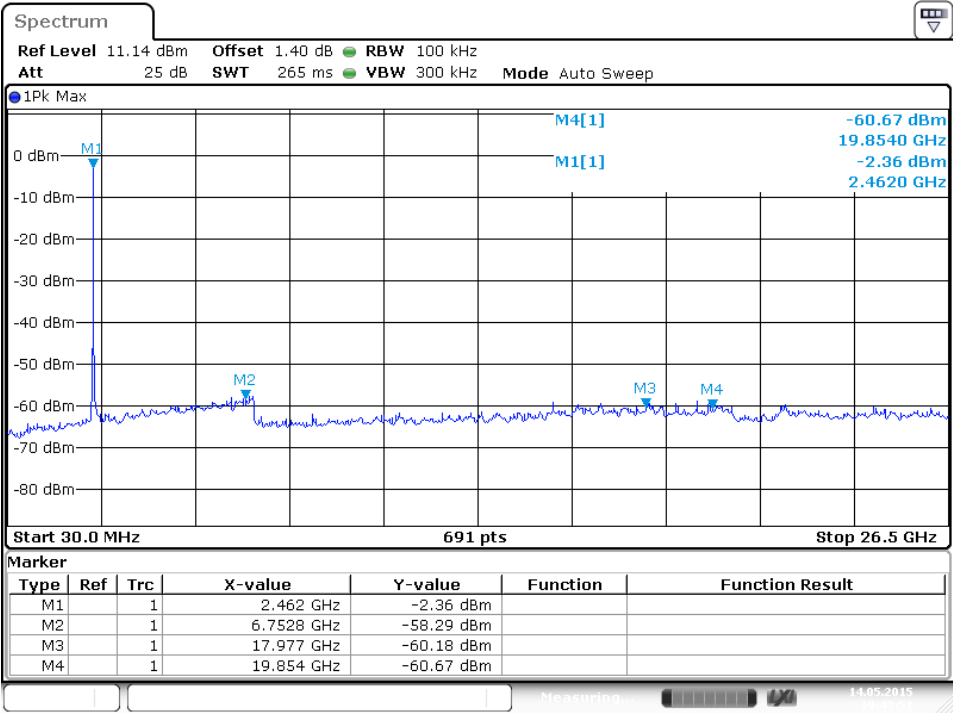
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11n (HT20) Low Channel



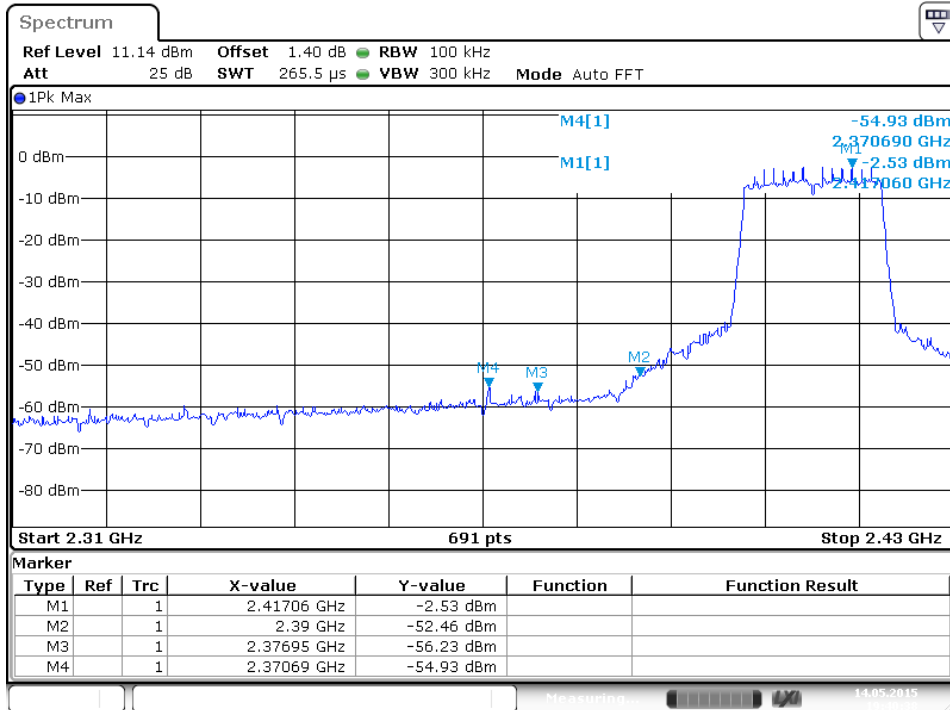
Middle Channel



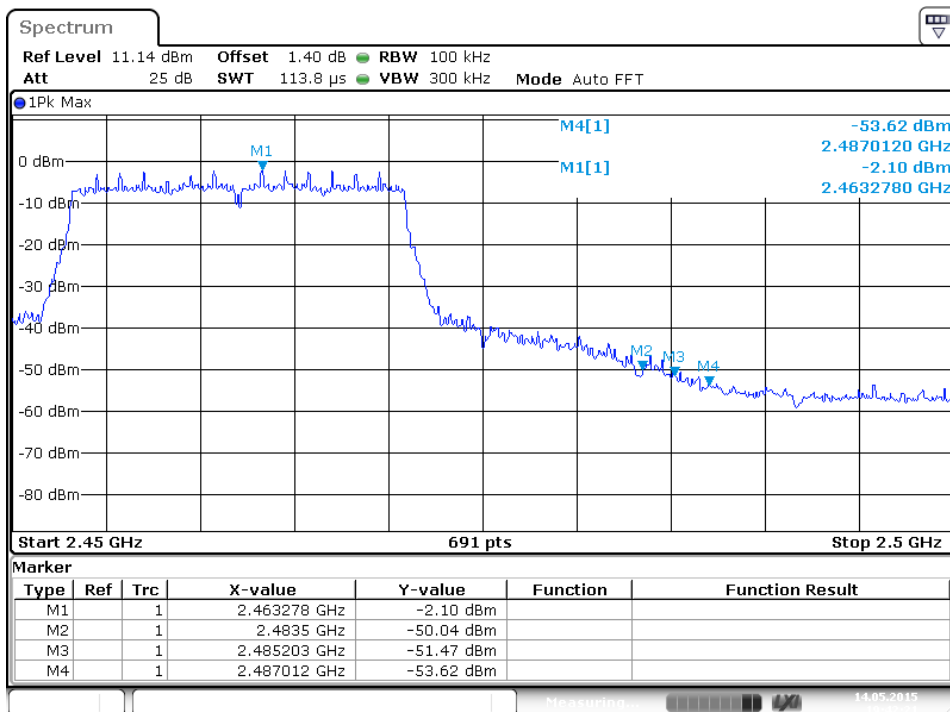
High Channel



Date: 14.MAY.2015 19:43:51

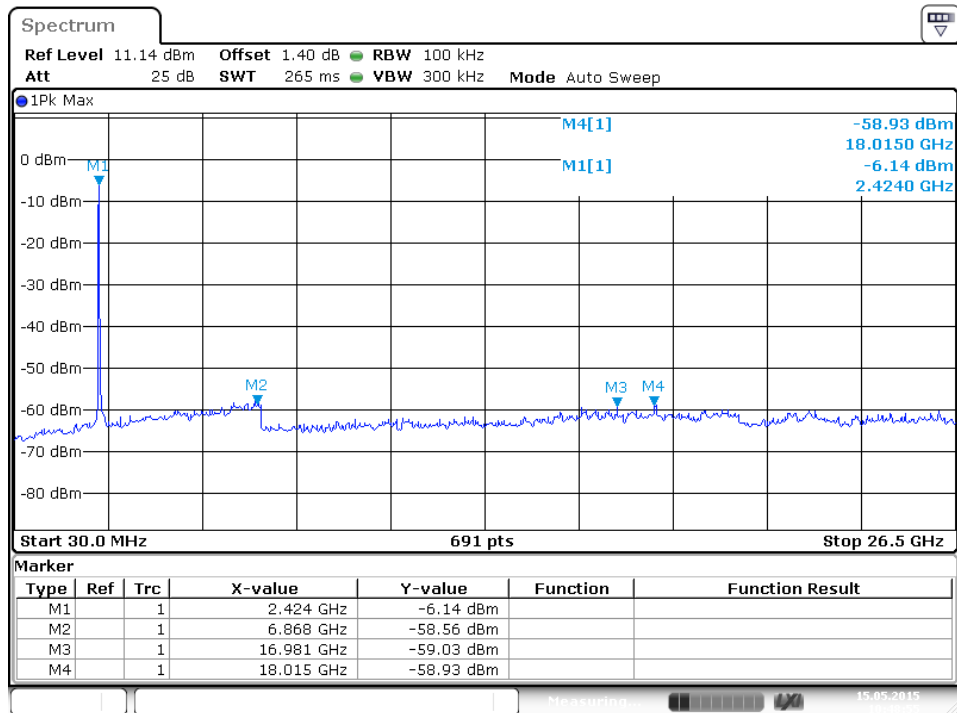
Band Edge


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



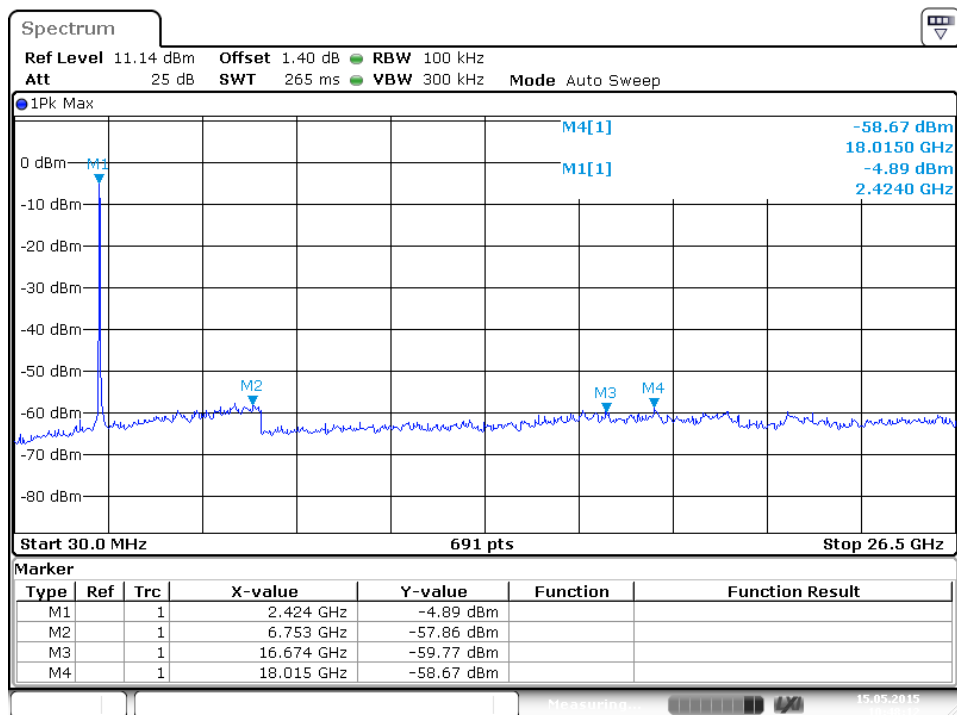
Date: 14.MAY.2015 19:42:20

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

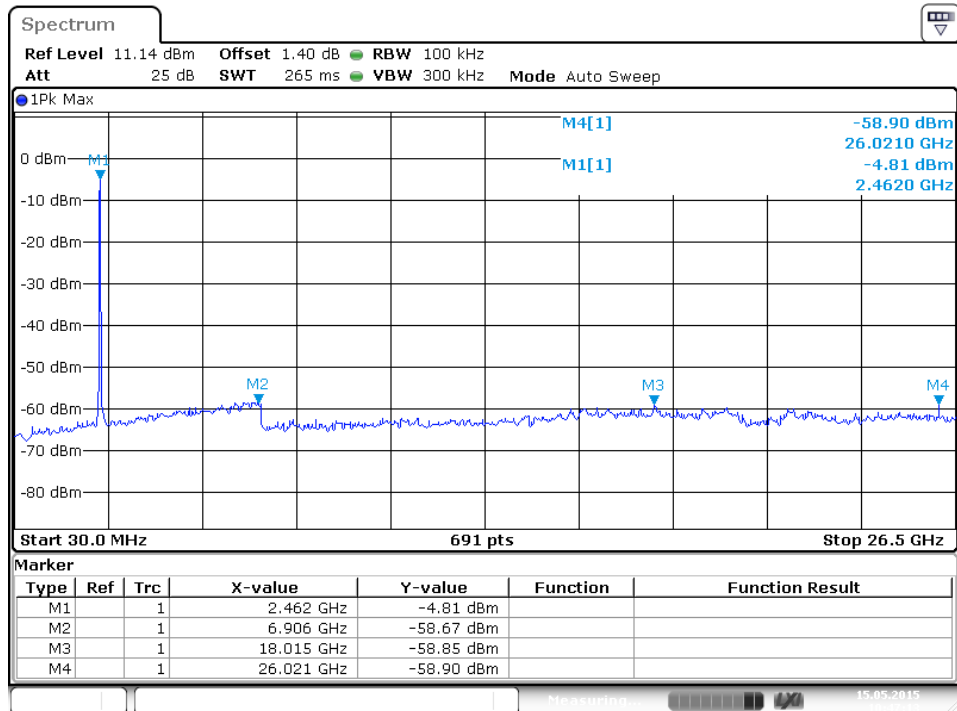


Date: 15.MAY.2015 10:48:55

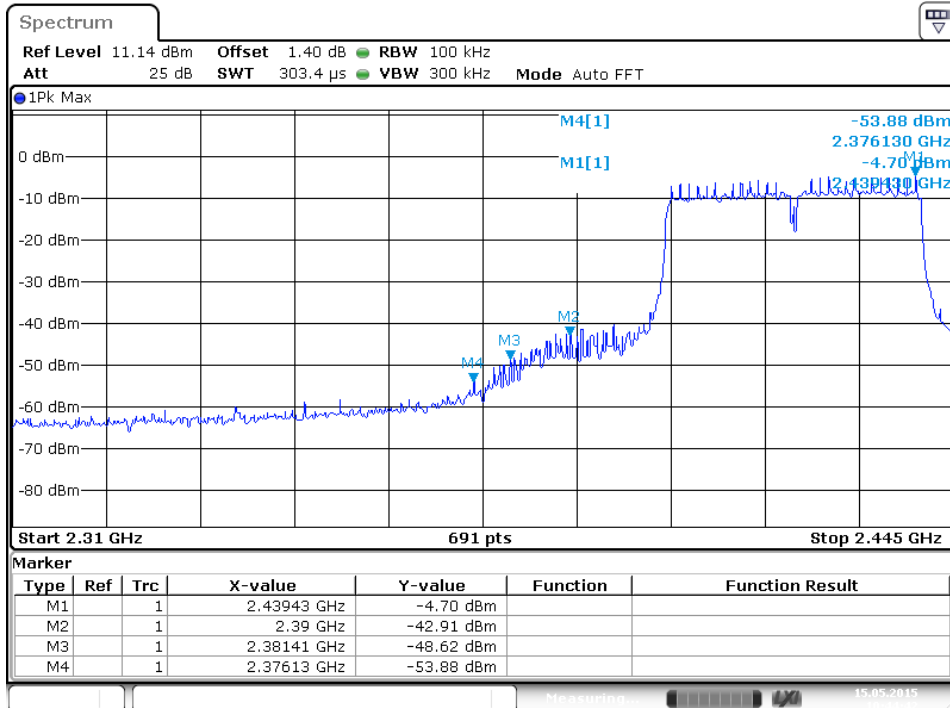
Middle Channel



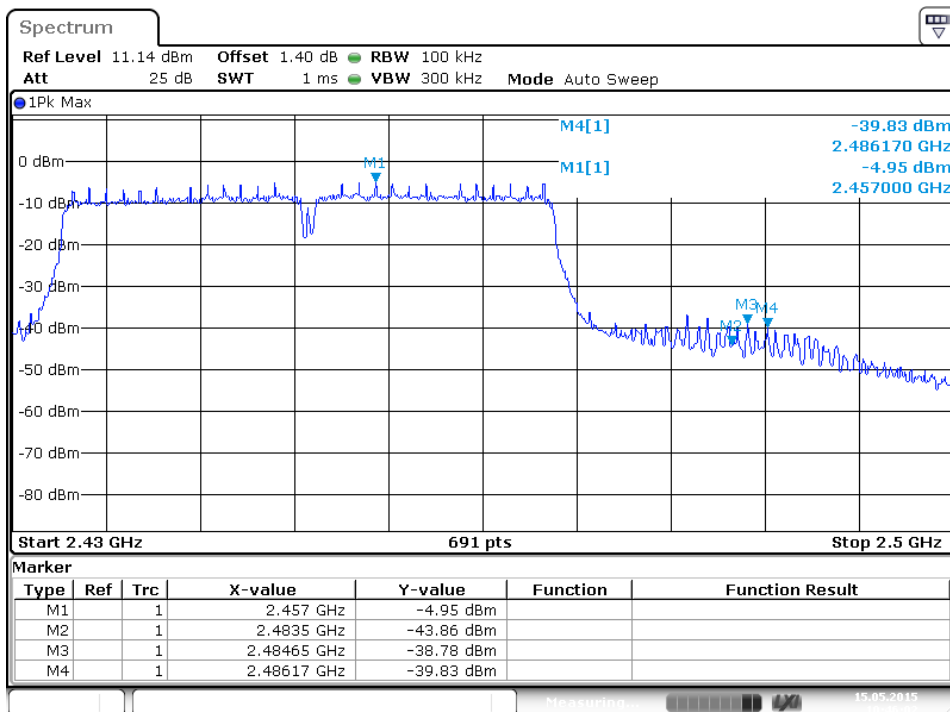
Date: 15.MAY.2015 10:48:12

High Channel


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

Band Edge


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



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

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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.

Test Plot of Spurious Emission of 802.11b

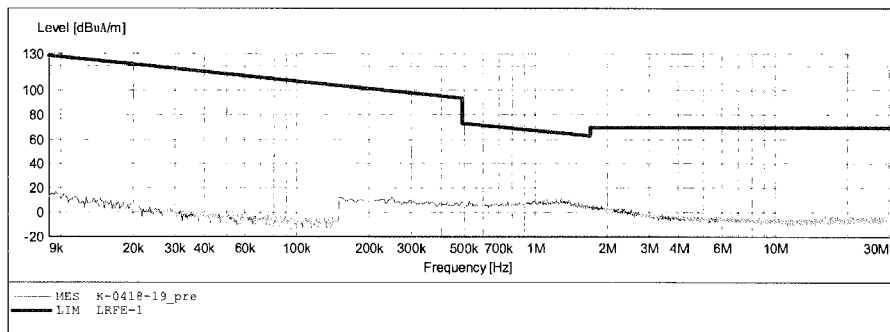
ACCURATE TECHNOLOGY CO.,LTD

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"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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

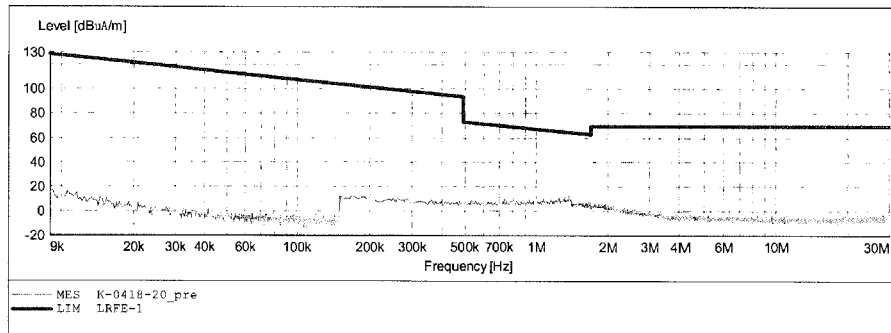


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-Pl6AT08
 Manufacturer:
 Operating Condition: TX 2412MHz
 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. Time	IF 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

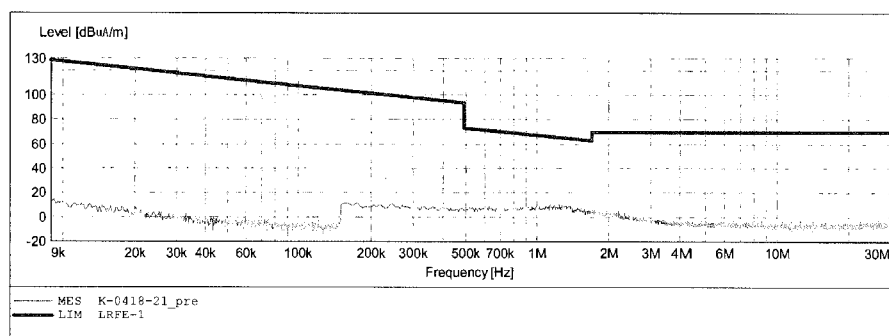


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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



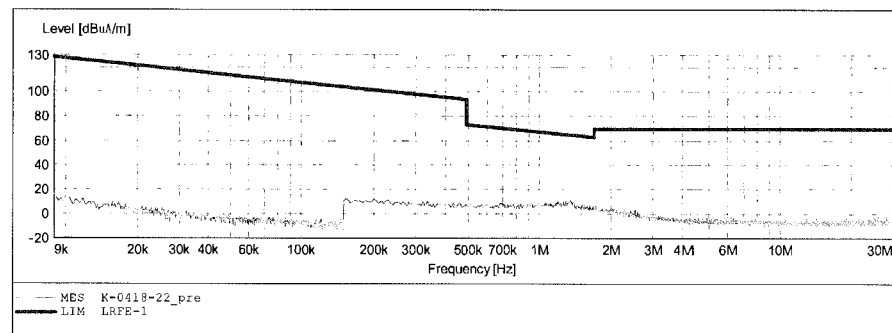
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FCC Class B 3m Radiated

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. Time	IF 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

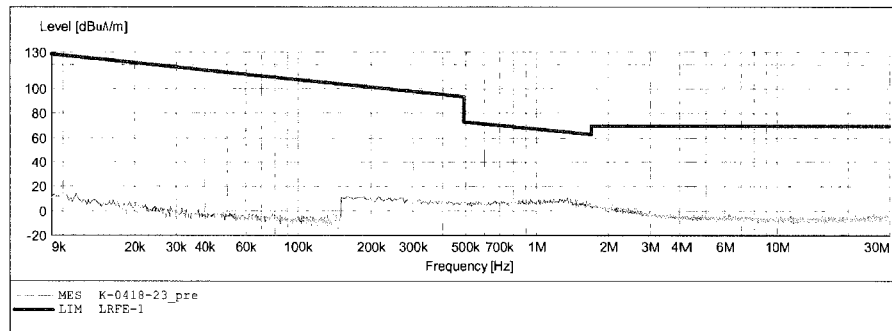


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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



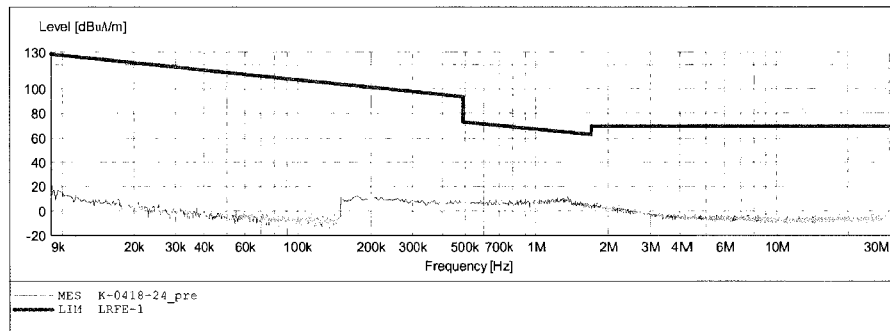
ACCURATE TECHNOLOGY CO.,LTD

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"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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

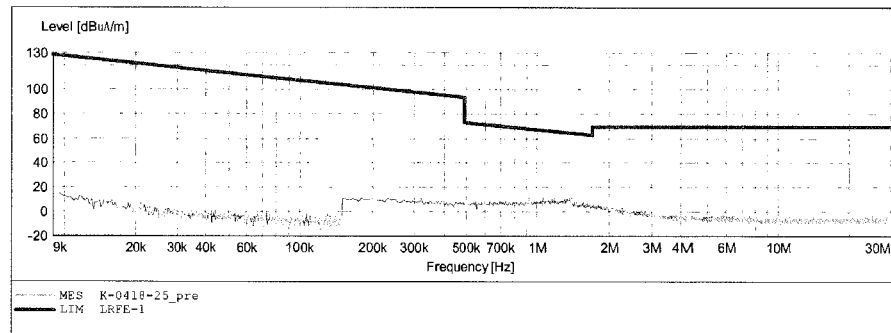


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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. Time	IF 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

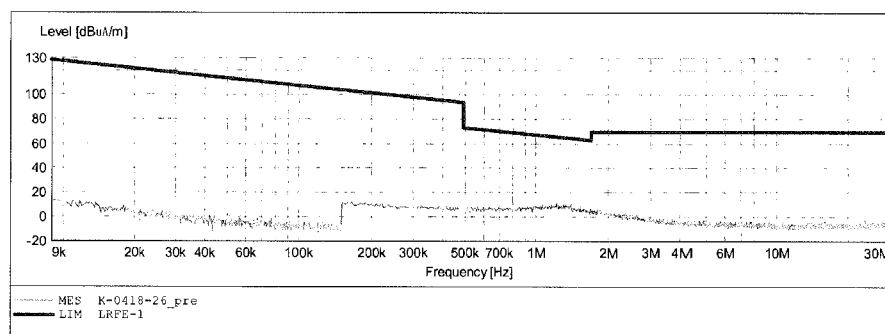


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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. Time	IF 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

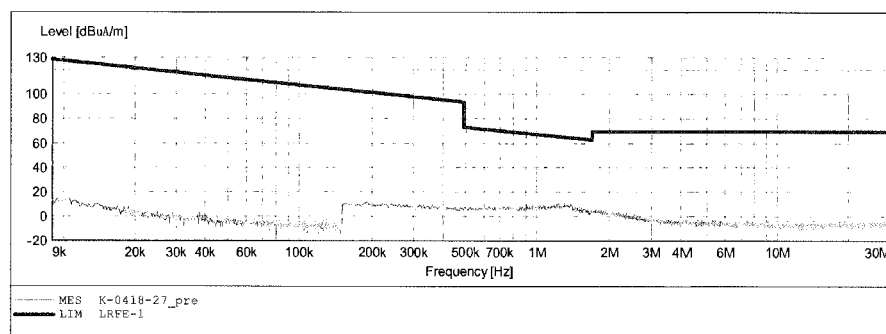


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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




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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #354

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

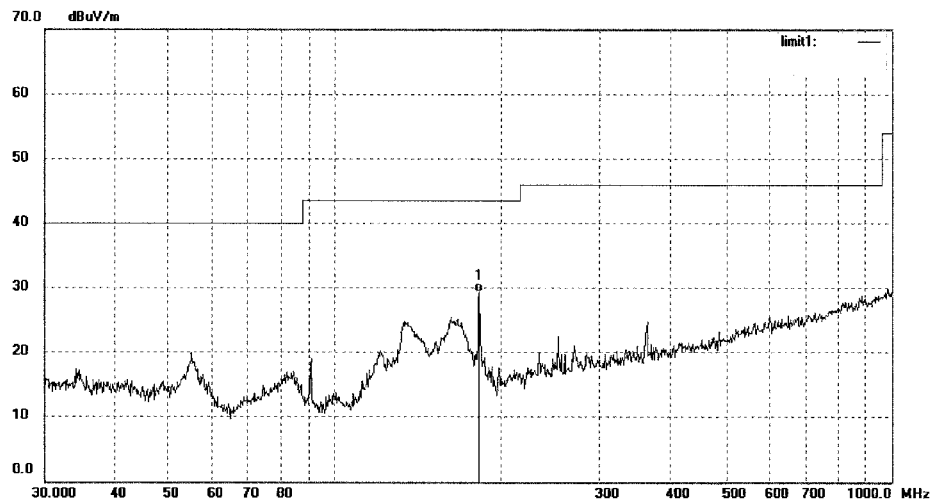
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #355

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

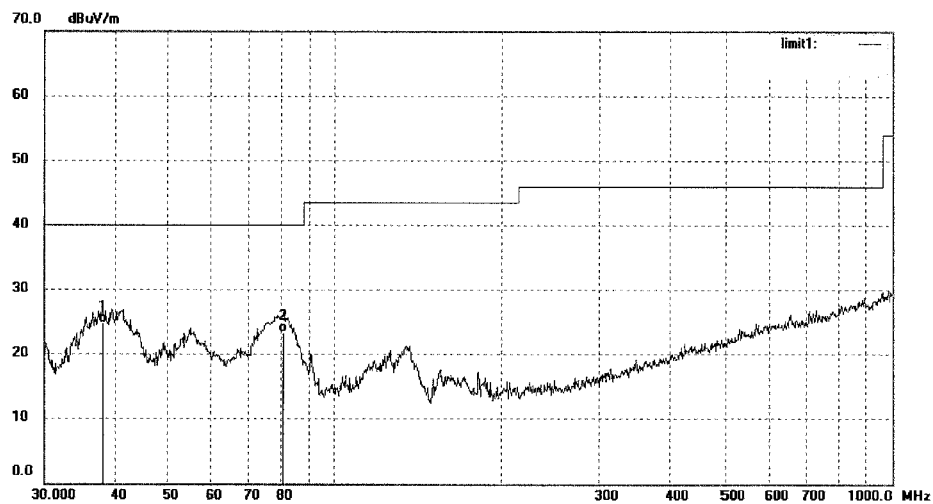
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #357

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

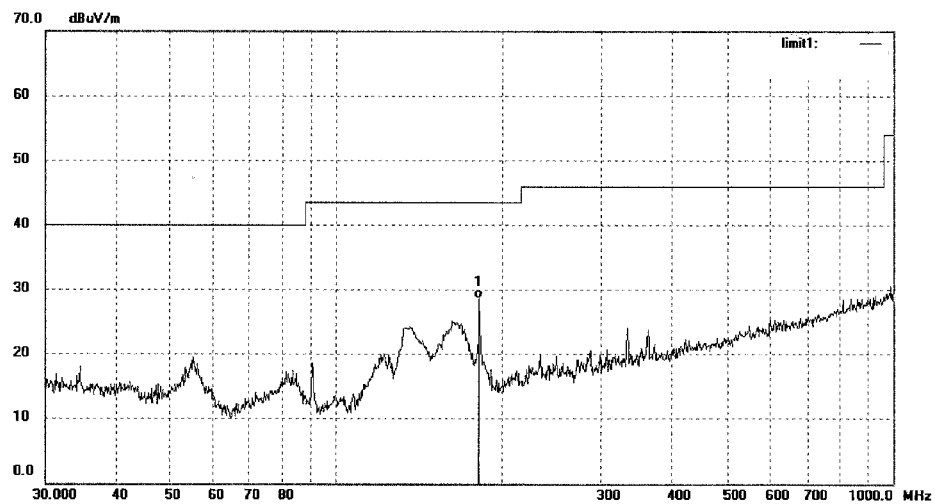
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #356

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

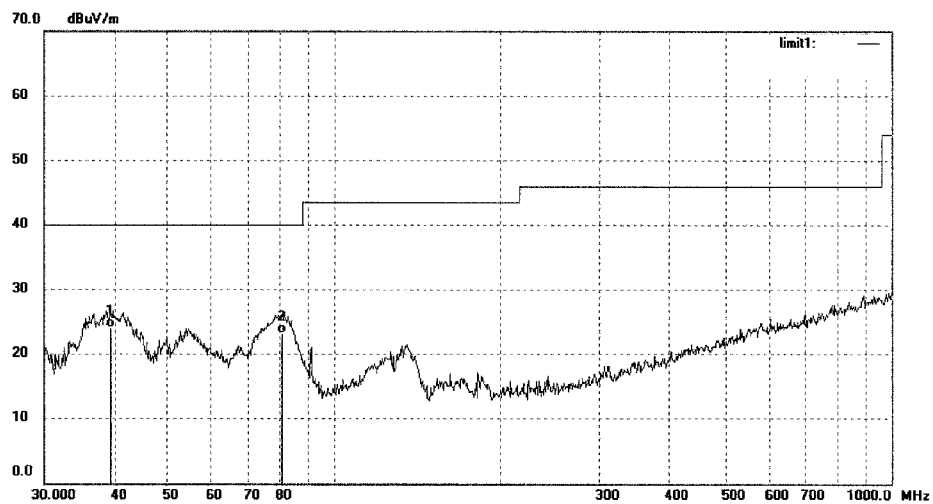
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #358

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

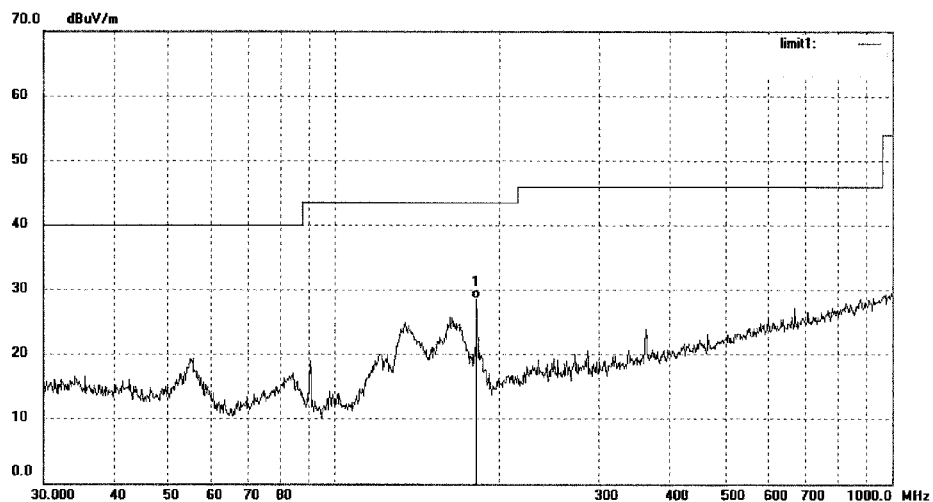
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Fax:+86-0755-26503396

Job No.: YULIAH #359

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

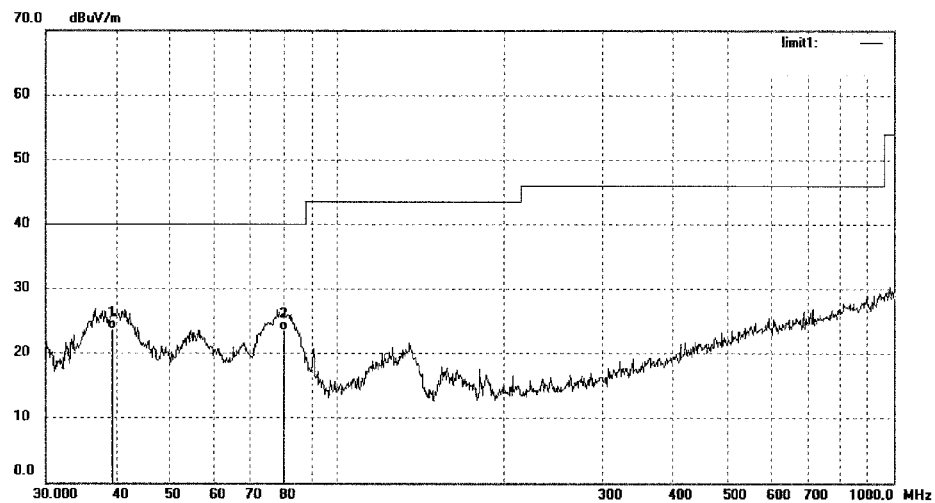
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Fax:+86-0755-26503396

Job No.: YULIAH #419

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

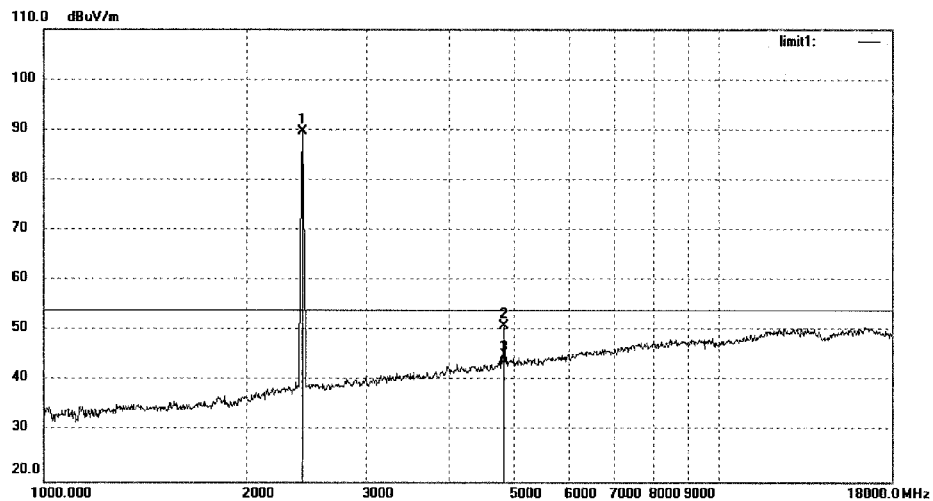
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #418

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

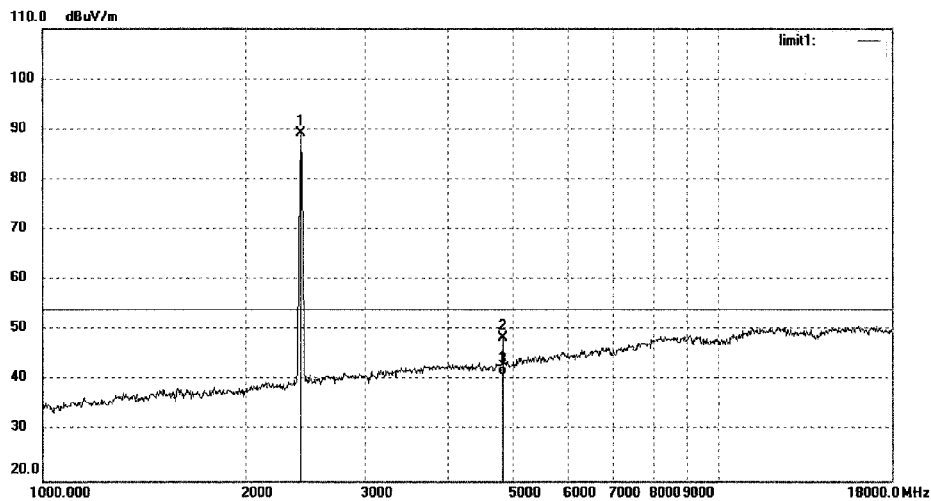
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #420

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

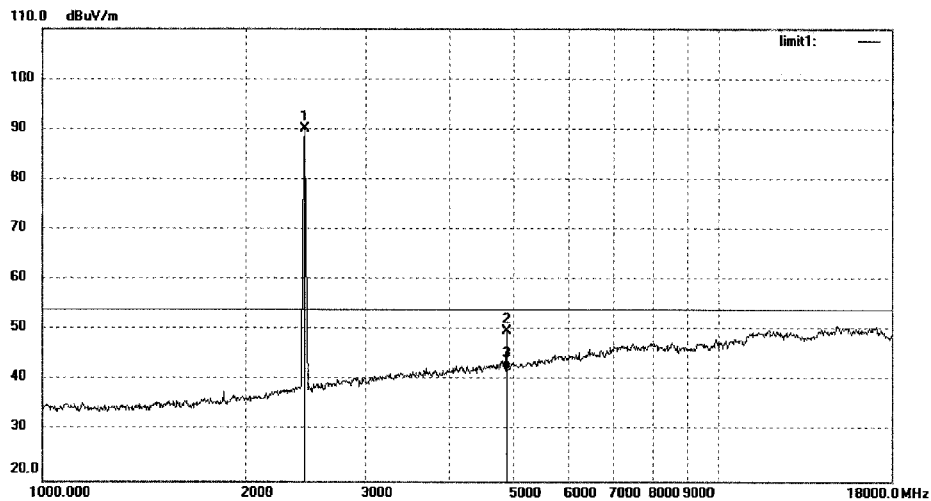
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #421

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

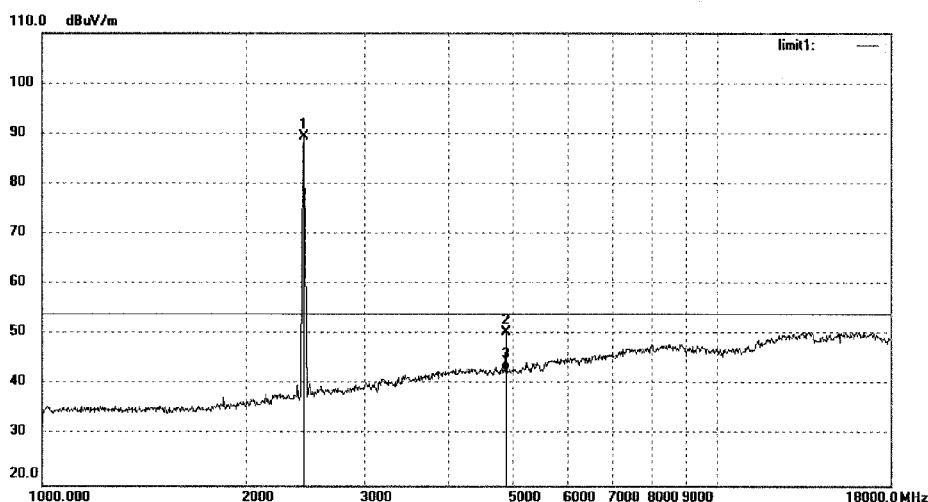
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #423

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

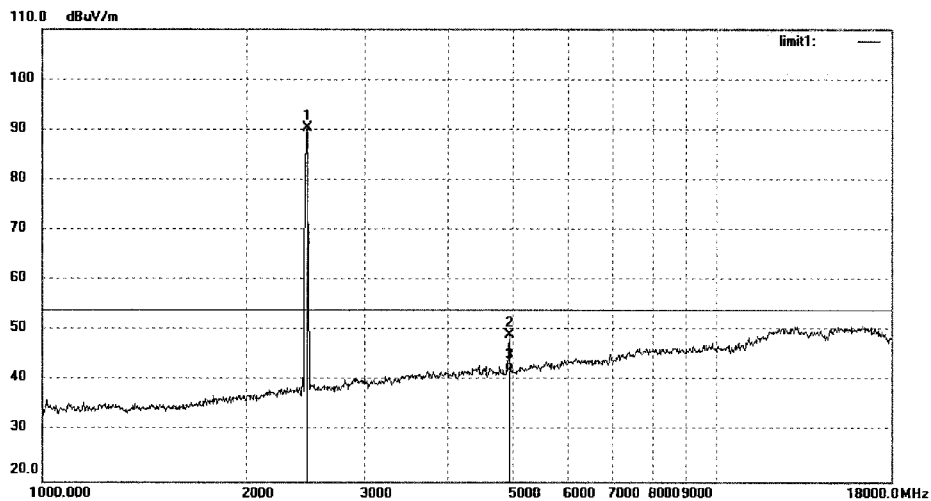
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #422

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

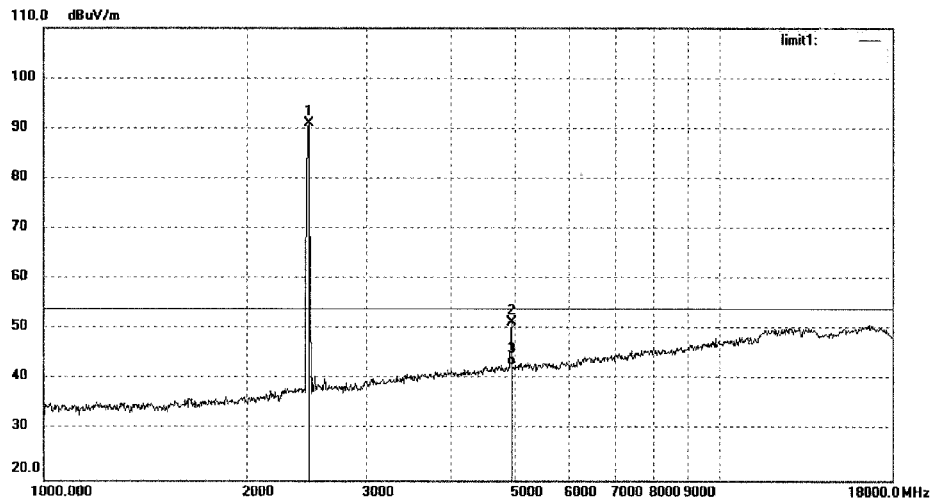
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #582

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

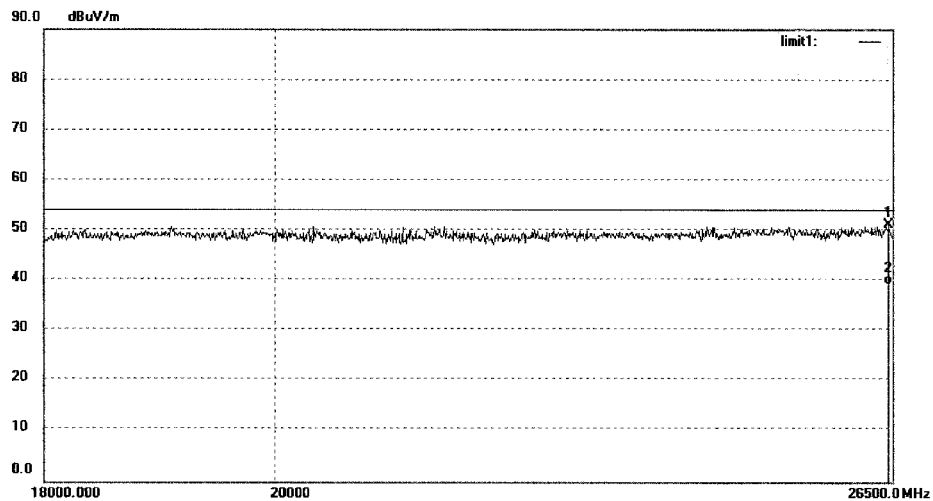
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #581

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

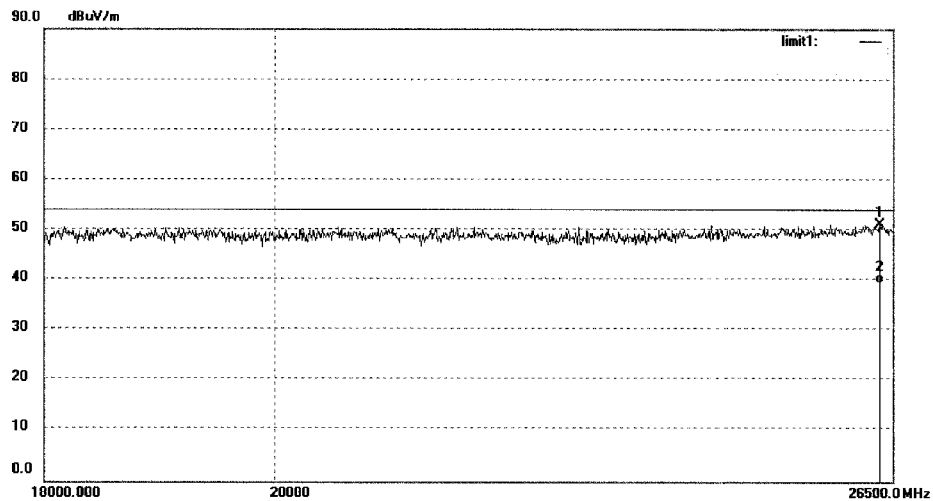
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #583

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

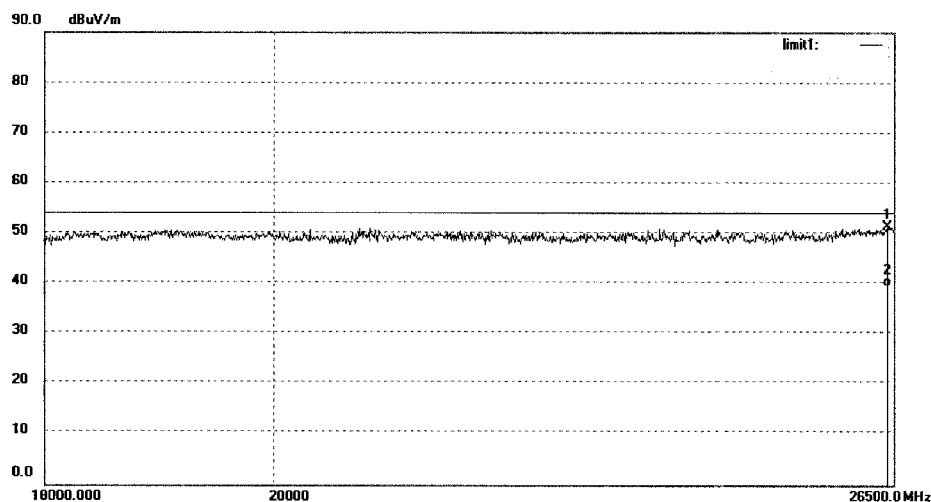
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #584

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

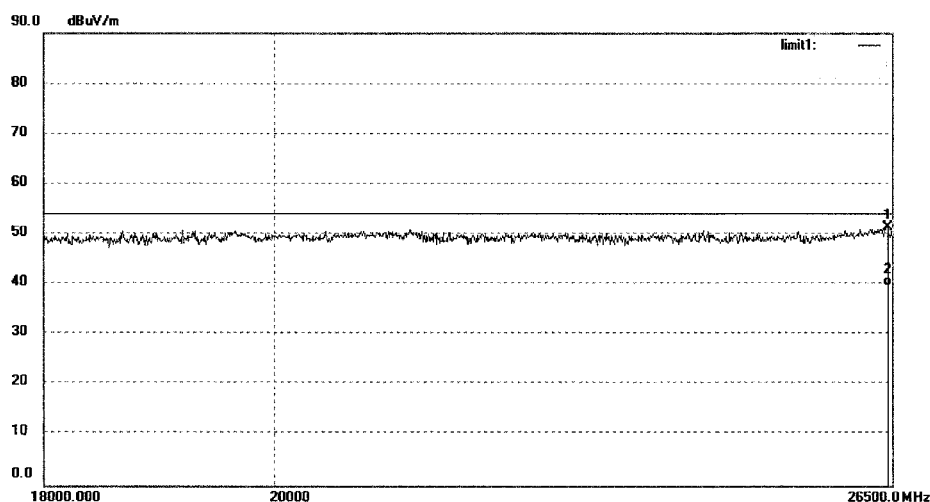
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Site: 2# Chamber

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Job No.: YULIAH #586

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

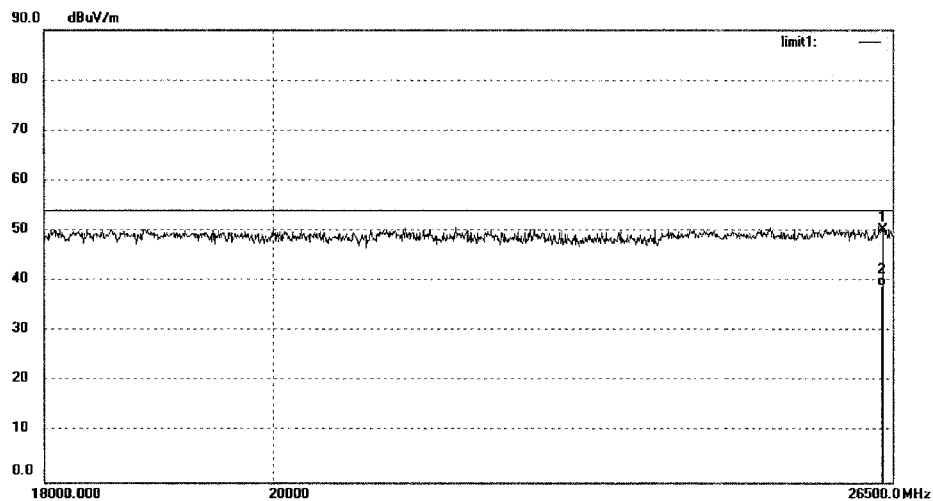
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Site: 2# Chamber

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Job No.: YULIAH #585

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

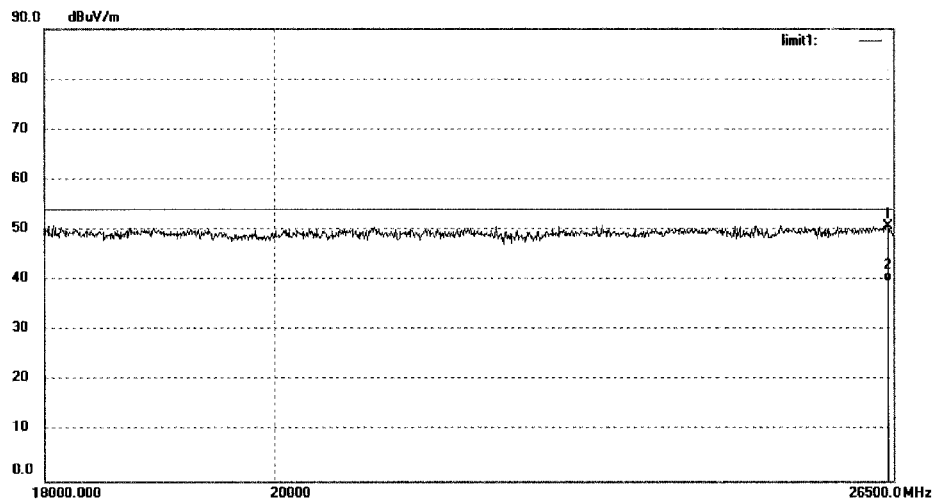
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Test Plot of Band Edge of 802.11b


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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #416

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

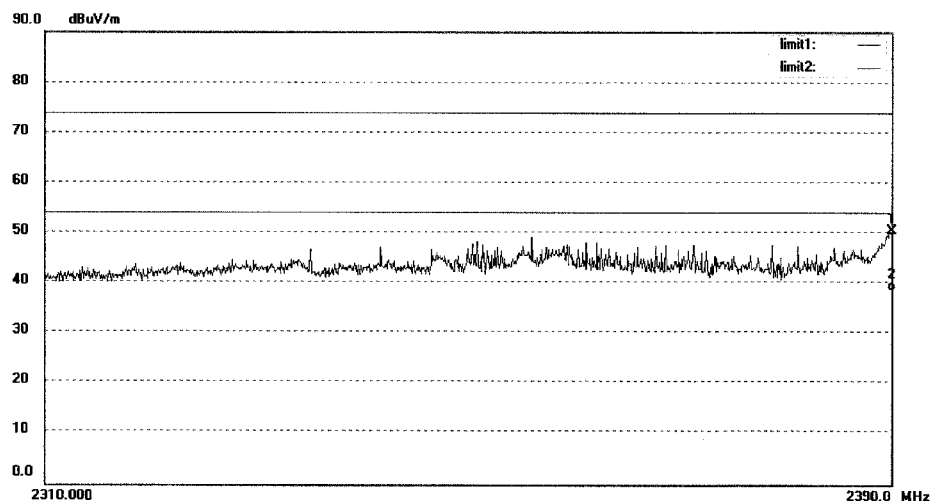
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11b



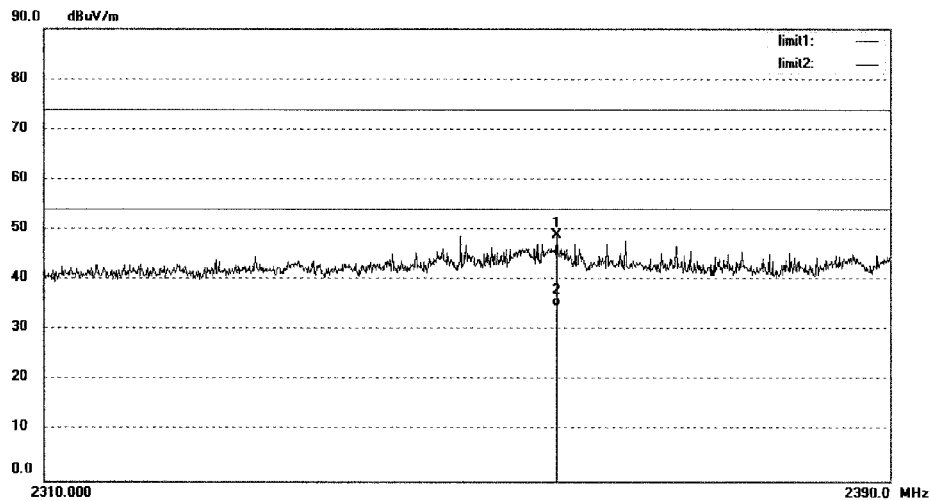
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	58.08	-7.53	50.55	74.00	-23.45	peak			
2	2390.000	46.15	-7.53	38.62	54.00	-15.38	AVG			


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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			

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Job No.: YULIAH #424

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

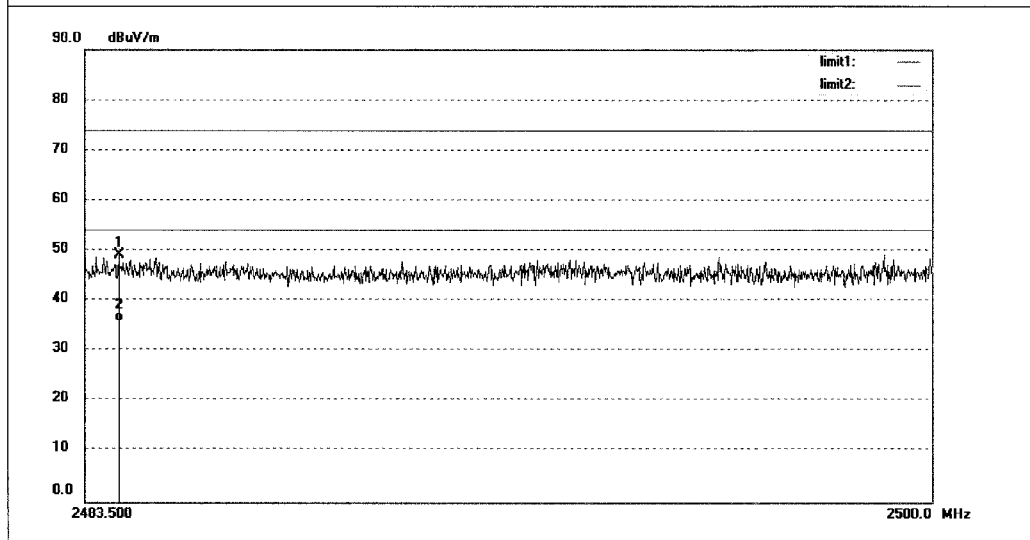
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Job No.: YULIAH #425

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

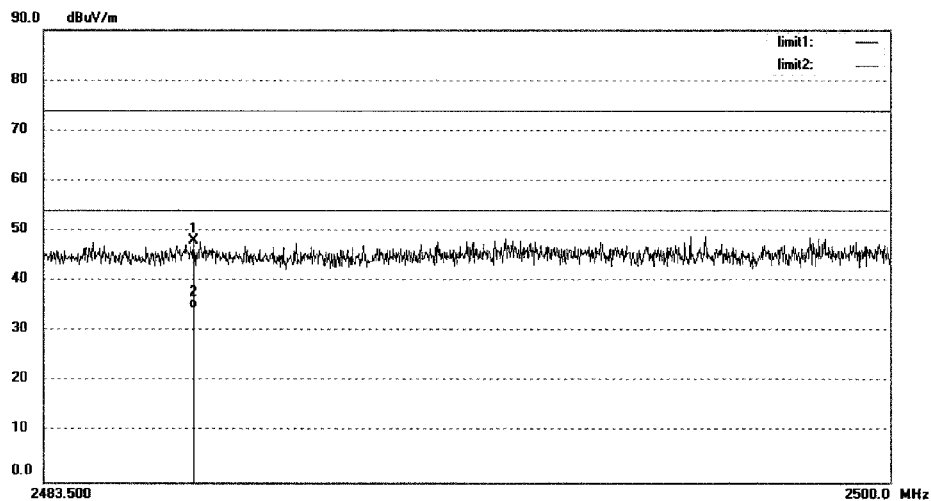
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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	2486.437	55.39	-7.39	48.00	74.00	-26.00	peak			
2	2486.437	42.04	-7.39	34.65	54.00	-19.35	AVG			

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 Test Report No.

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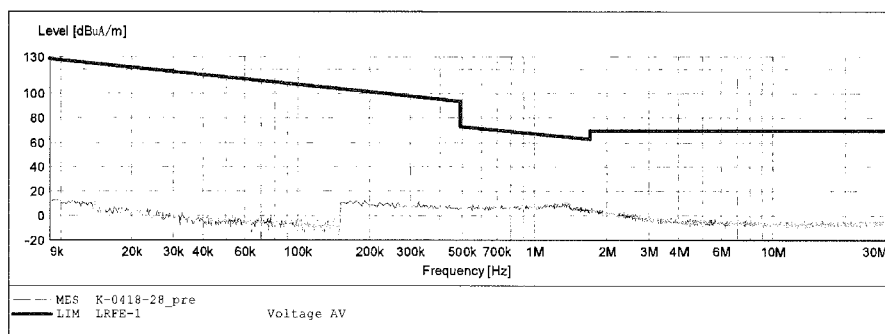
Test Plot of Spurious Emission of 802.11g

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"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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

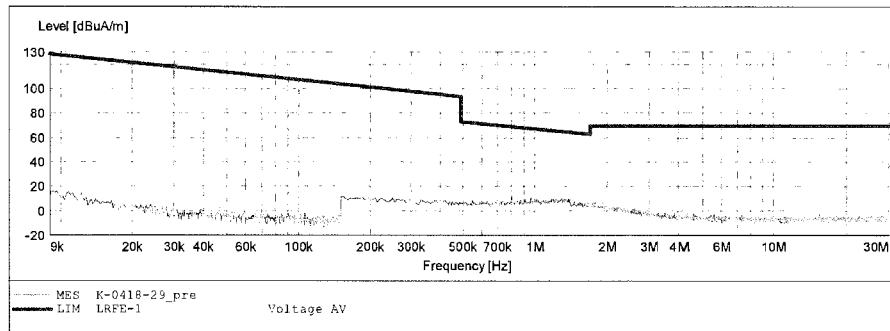


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency 9.0 kHz	Frequency 150.0 kHz	Width 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

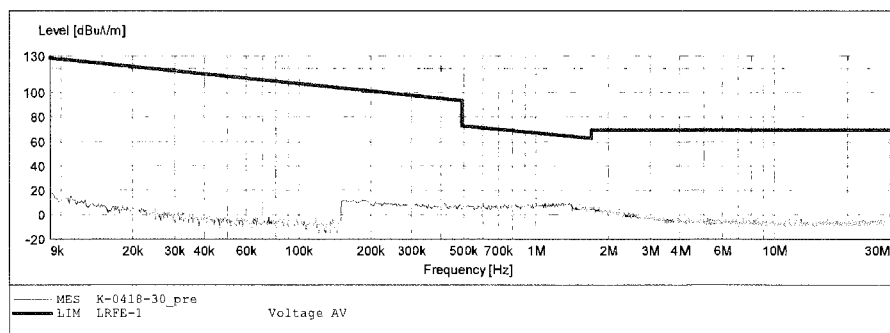


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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

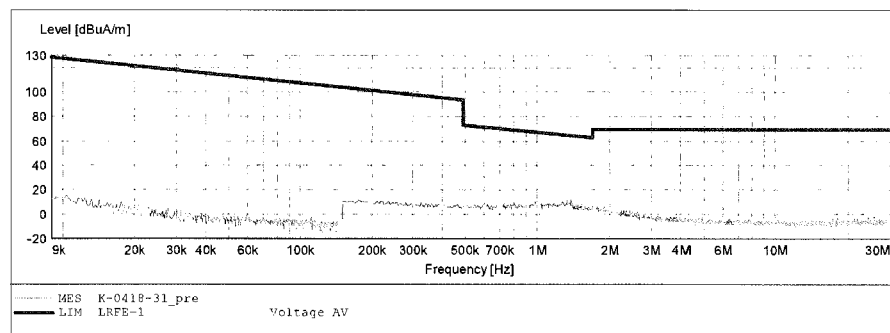


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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. Time	IF 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

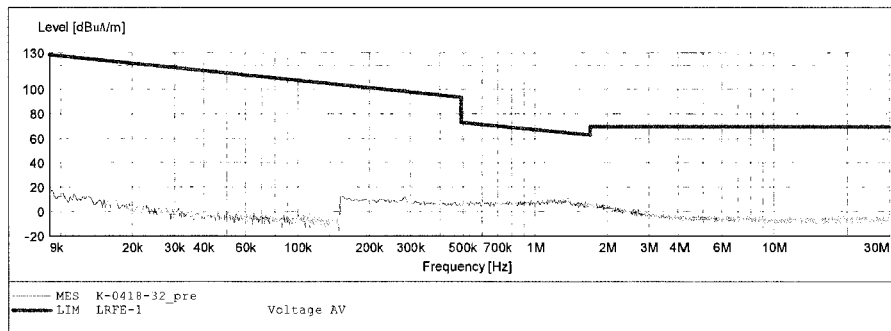


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	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

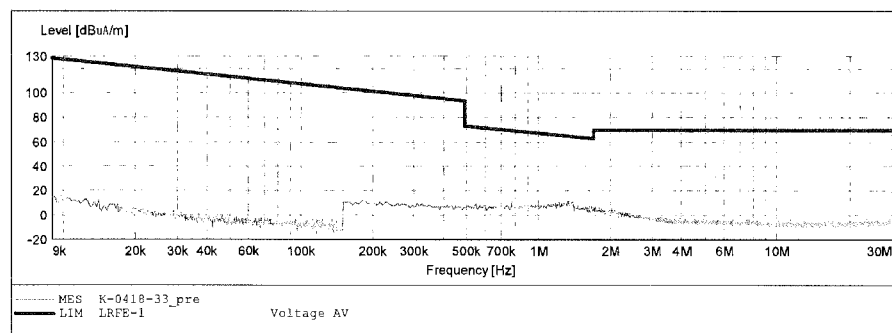


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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

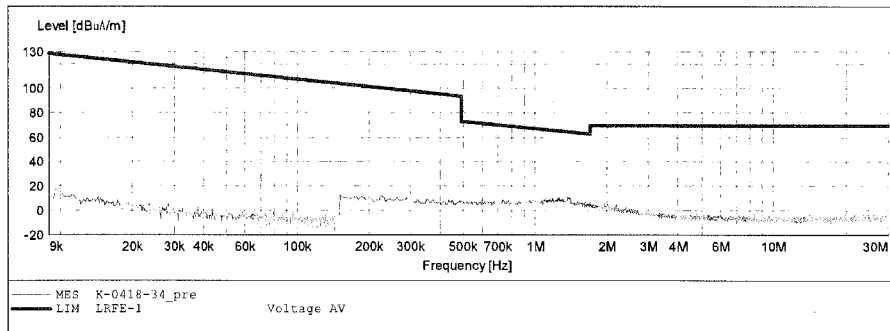


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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. Time	IF 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

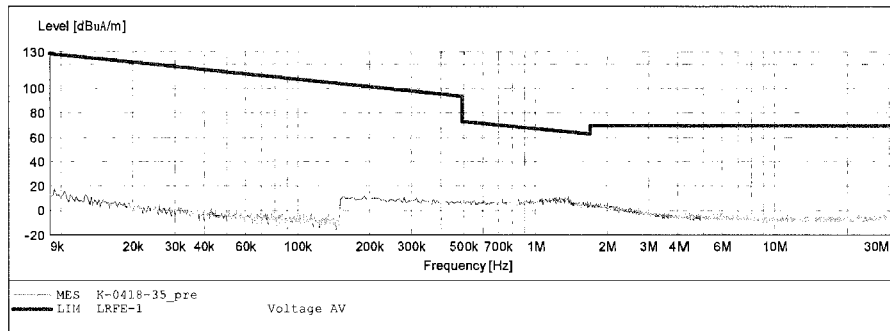


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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. Time	IF 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

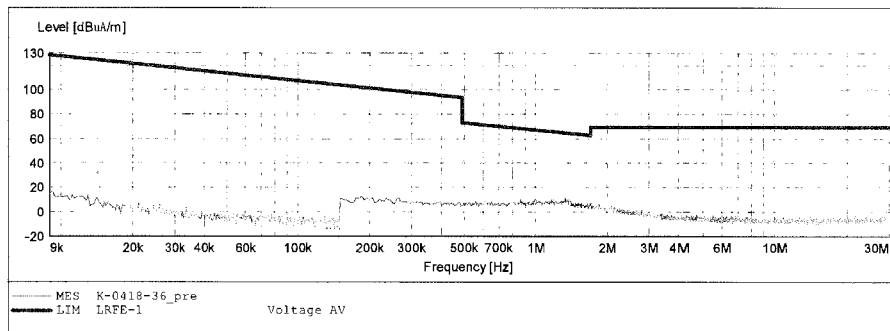


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:			_SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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




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Site: 2# Chamber

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Job No.: YULIAH #361

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

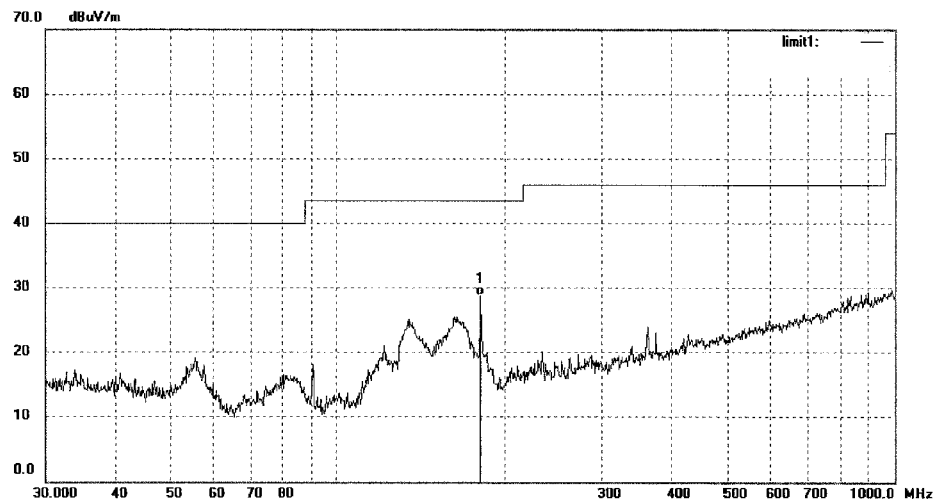
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Site: 2# Chamber

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Job No.: YULIAH #360

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

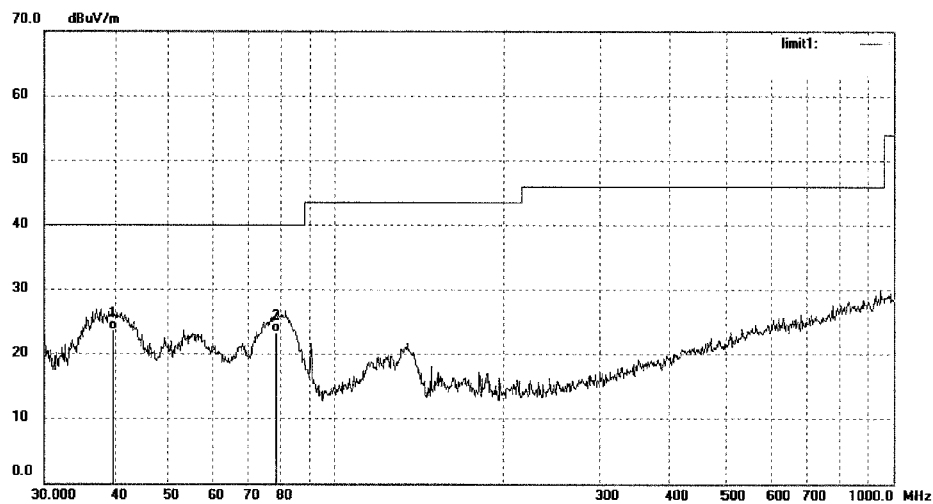
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #362

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

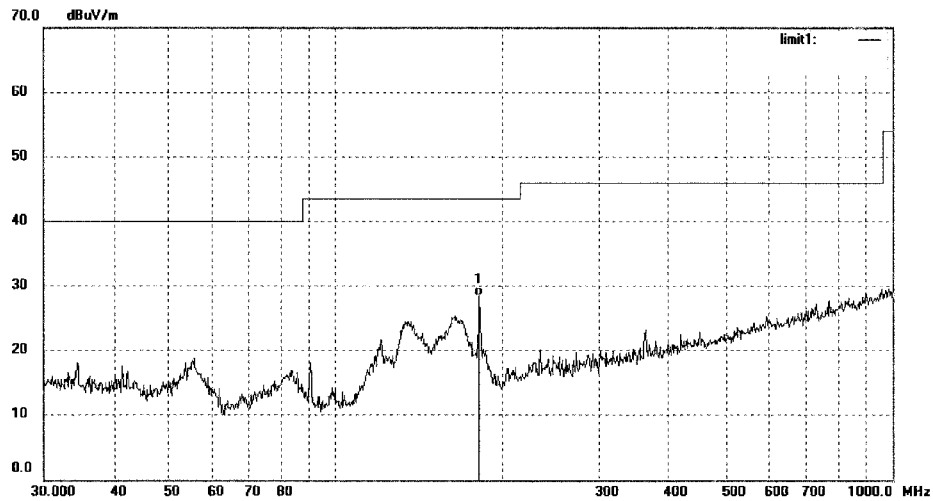
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #363

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

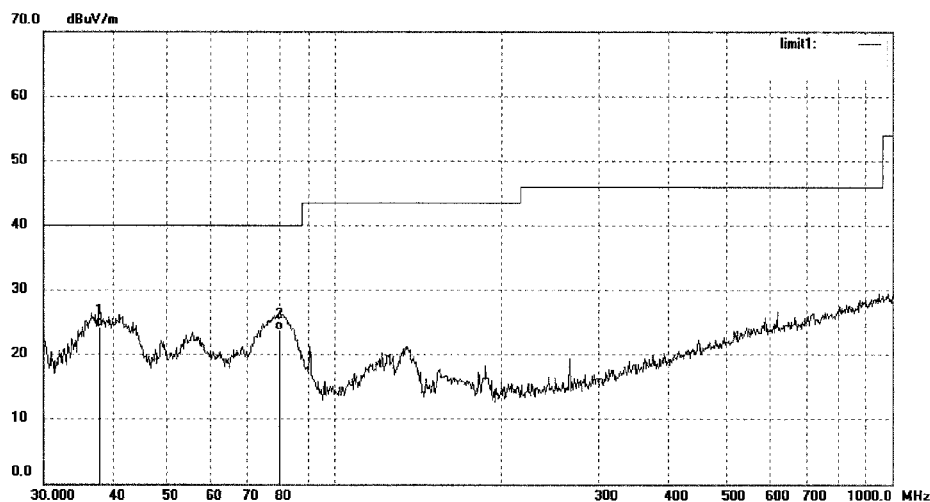
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11g



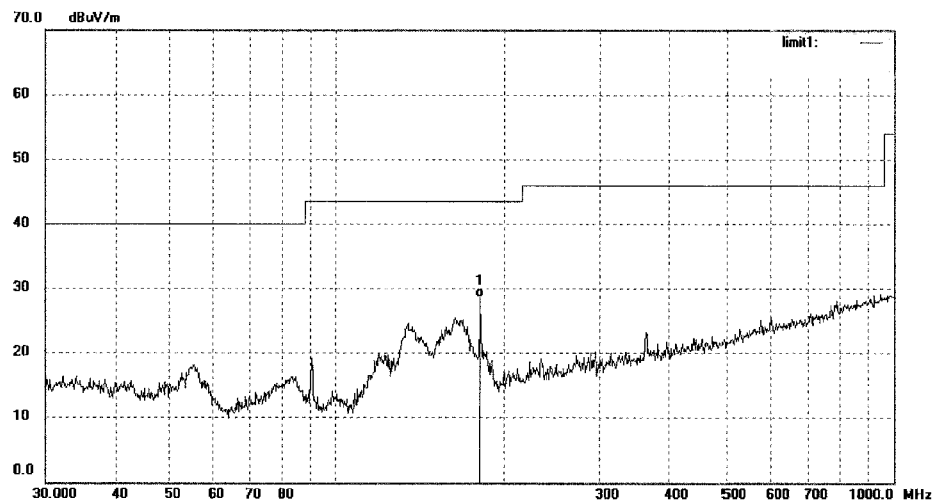
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.8121	35.21	-11.05	24.16	40.00	-15.84	QP			
2	79.8002	40.28	-16.52	23.76	40.00	-16.24	QP			


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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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Job No.: YULIAH #364

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

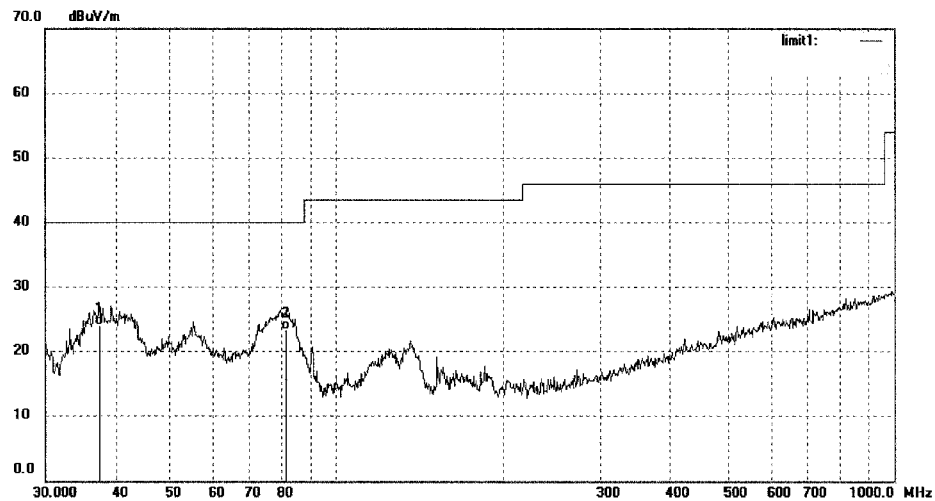
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #428

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

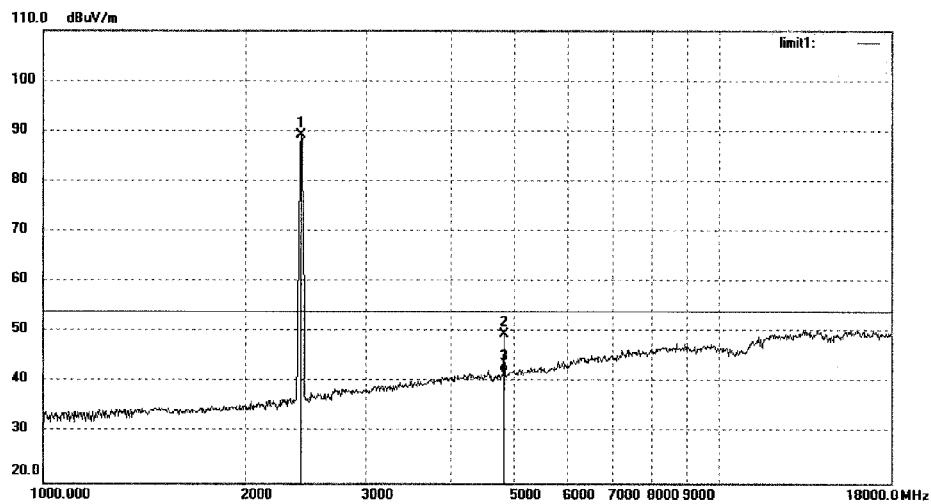
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #427

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

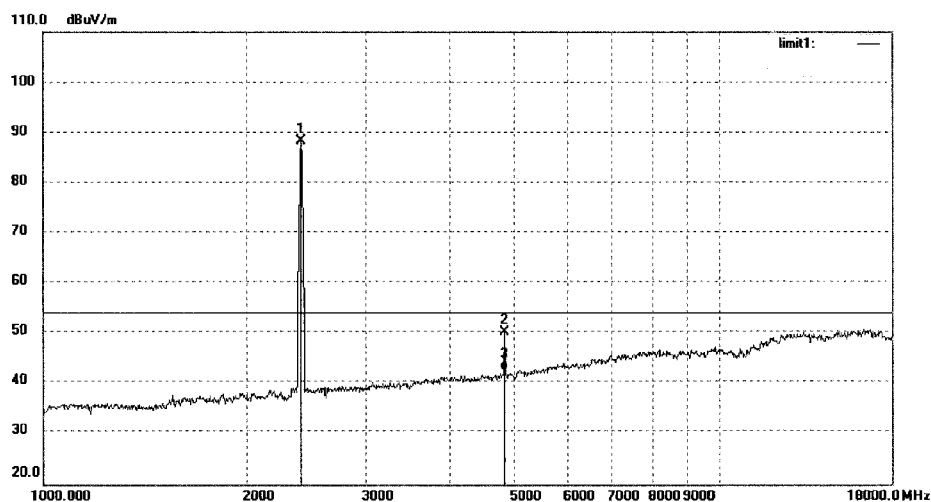
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #432

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

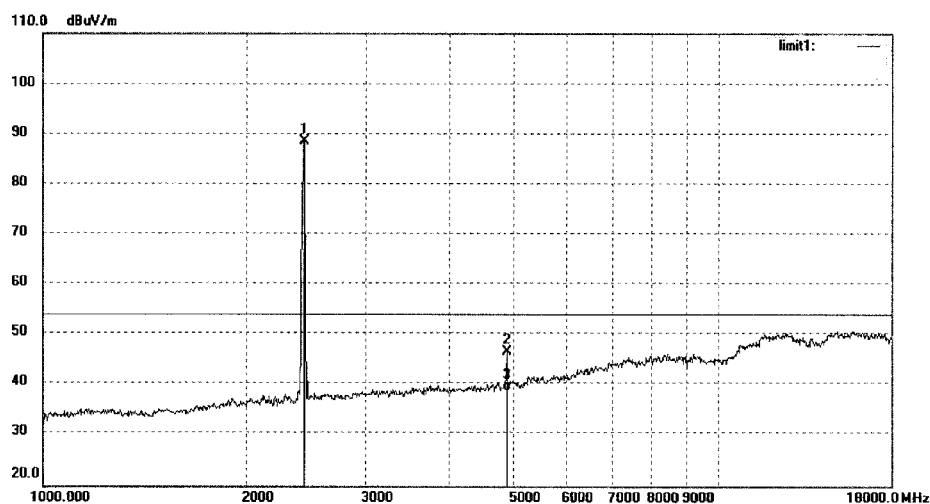
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

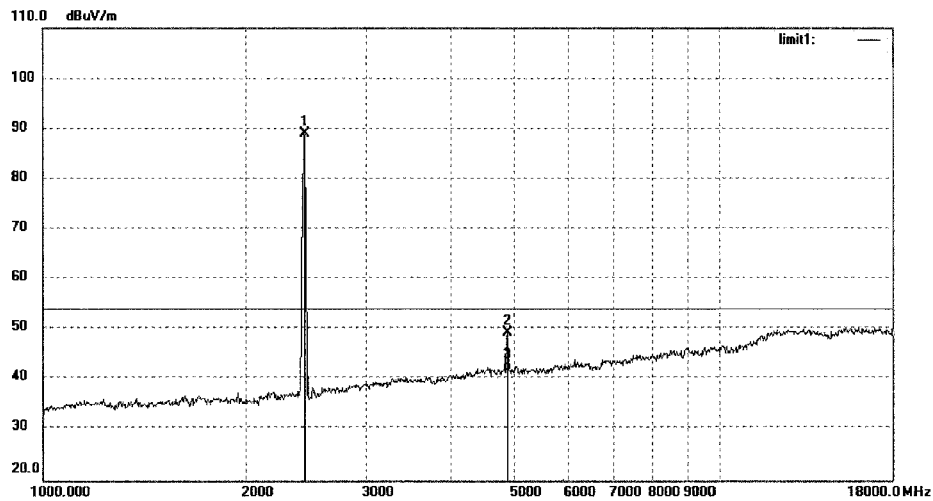

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 Job No.: YULIAH #431
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: Insignia Flex 8" WiFi Android Tablet
 Mode: TX 2437MHz
 Model: NS-P16AT08
 Manufacturer:

 Polarization: Vertical
 Power Source: AC 120V/60Hz
 Date: 2015/05/09
 Time:
 Engineer Signature: PEI
 Distance: 3m

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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Job No.: YULIAH #433

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

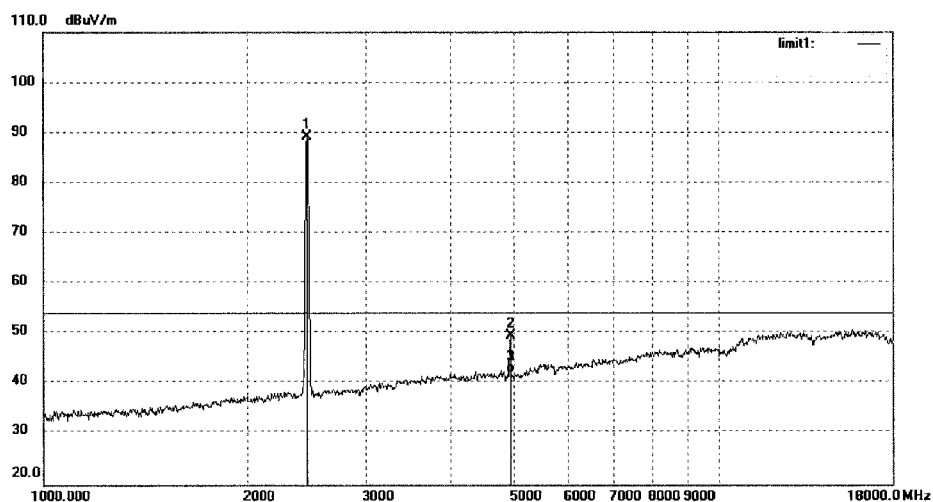
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #434

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

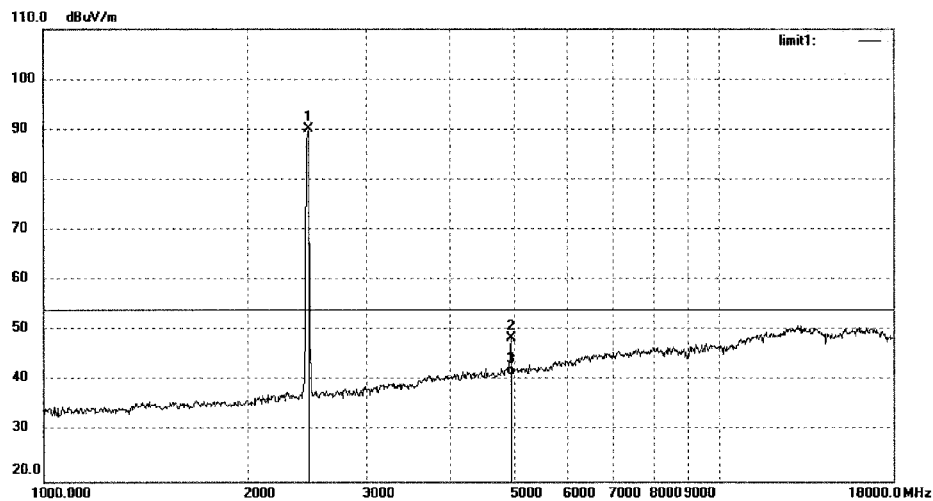
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #594

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

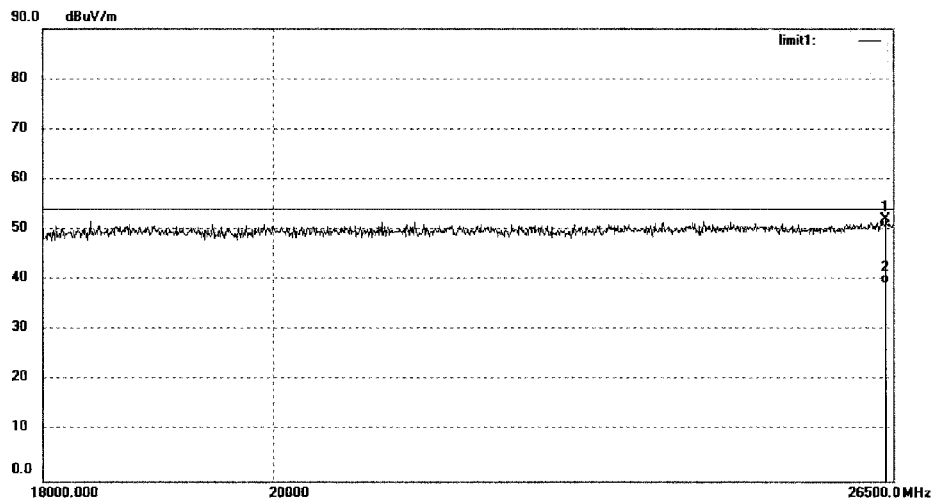
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #593

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

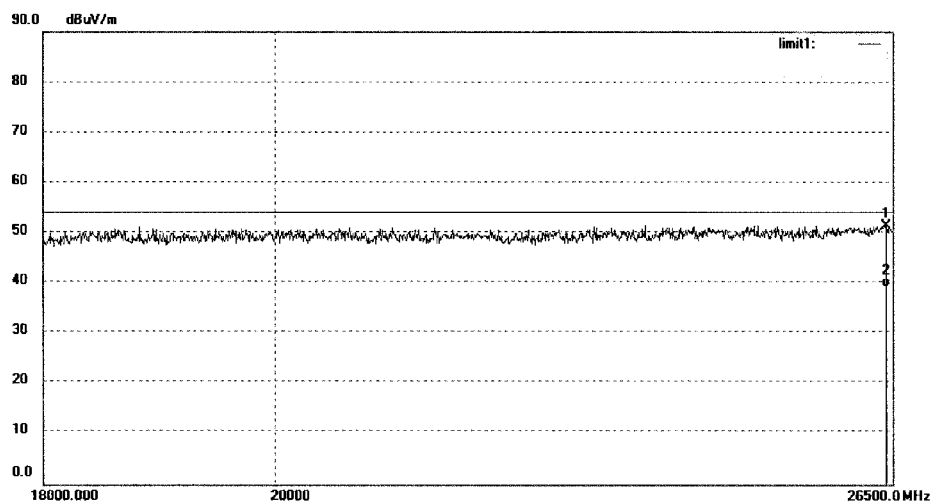
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #596

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

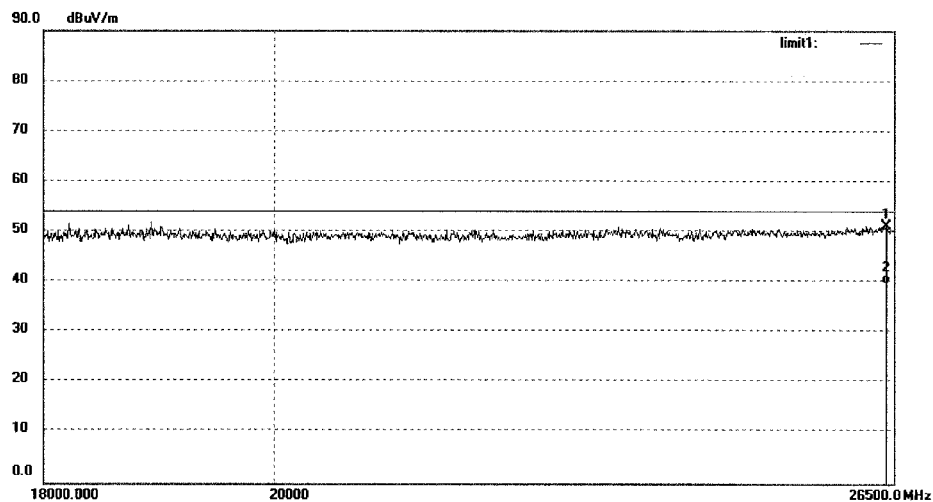
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #595

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

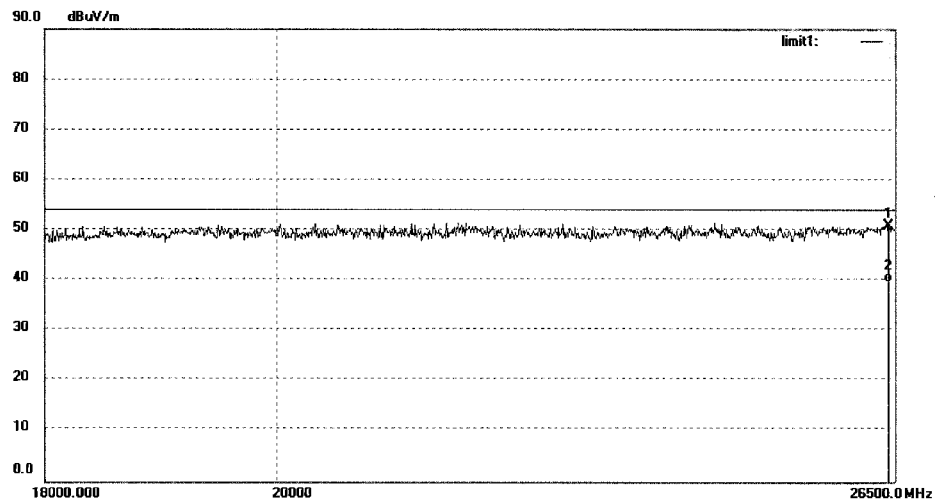
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #597

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

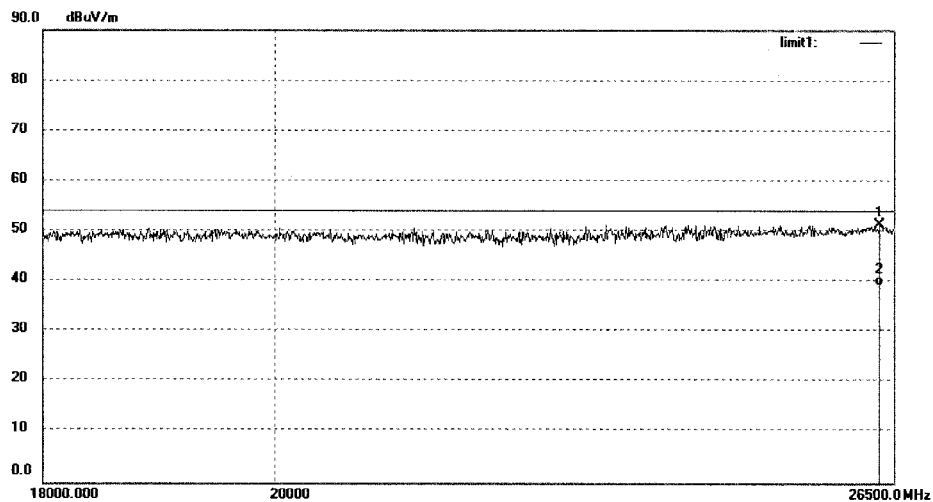
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #598

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

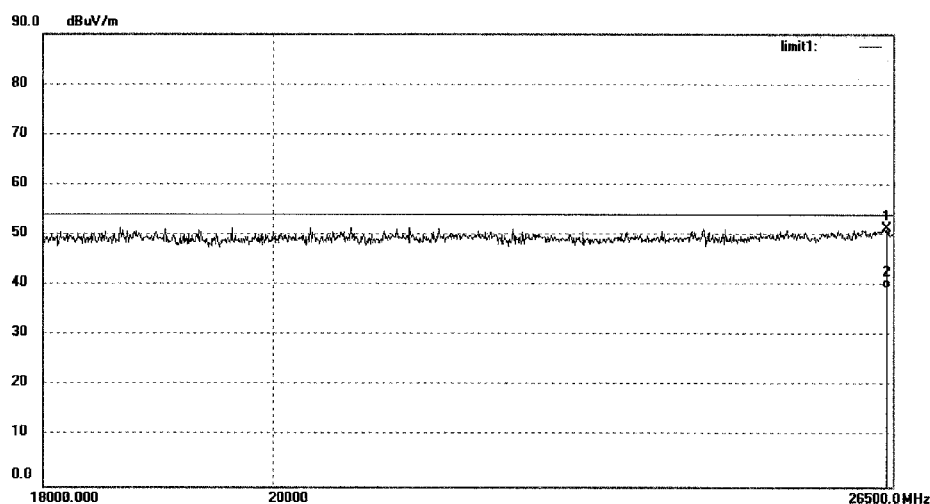
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Test Plot of Band Edge of 802.11g

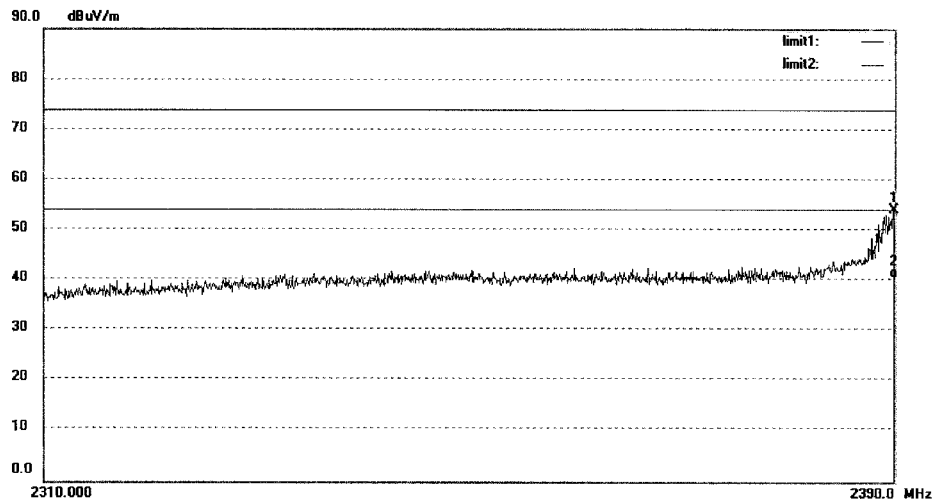

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Job No.: YULIAH #429	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: 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			


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Job No.: YULIAH #430

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

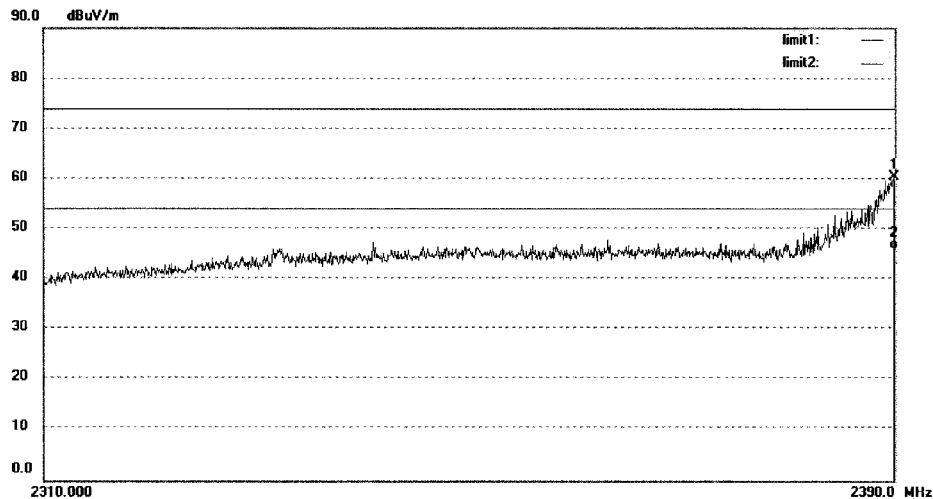
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #436

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

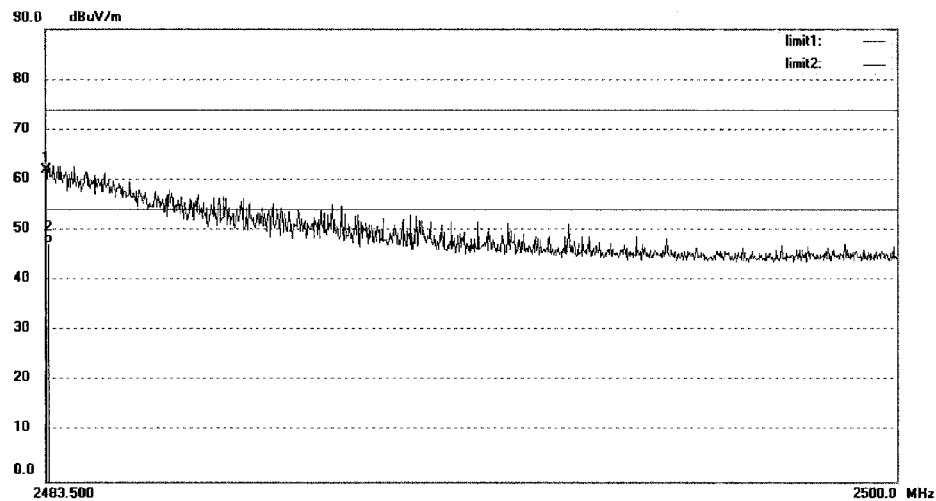
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #435

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

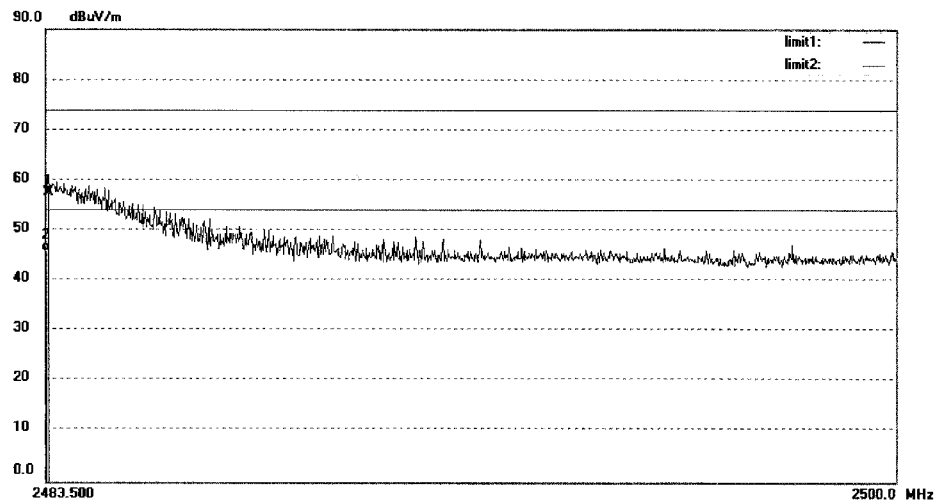
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

Test Plot of Spurious Emission of 802.11n HT20

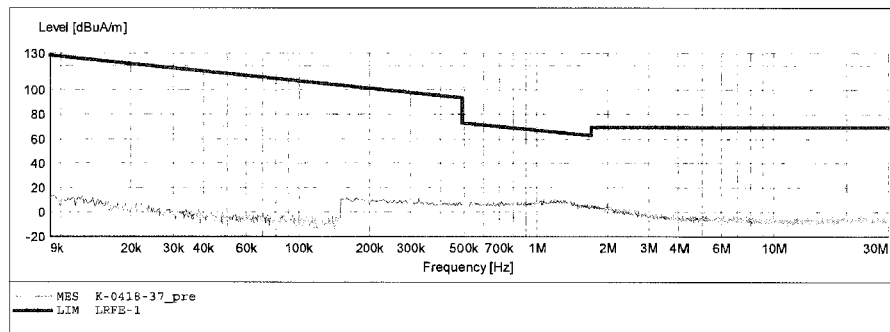
ACCURATE TECHNOLOGY CO.,LTD

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"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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

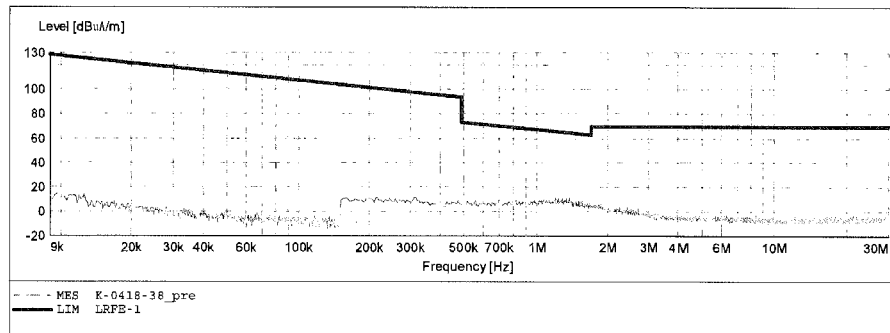


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:			_SUB_STD_VIERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	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

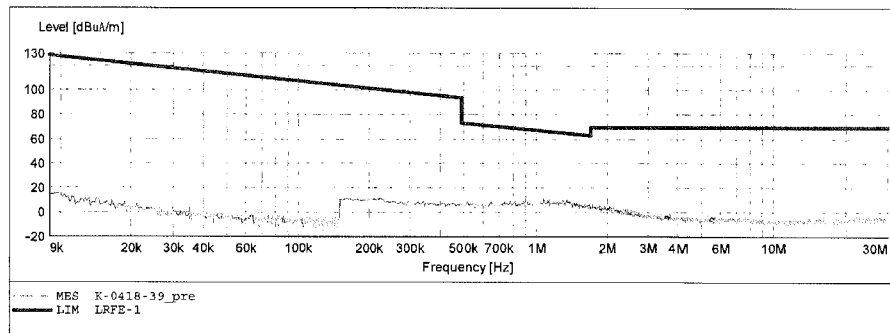


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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

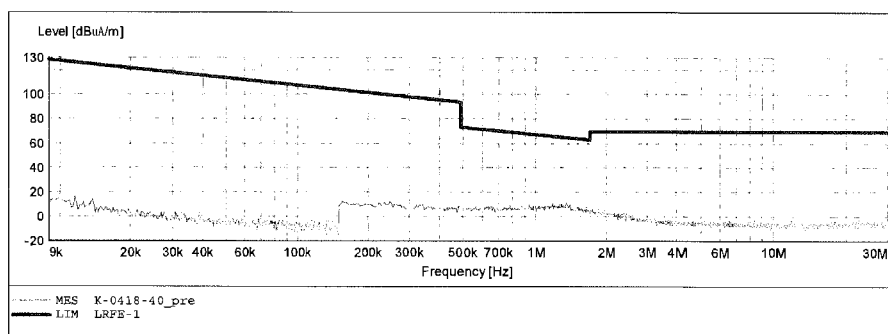


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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. Time	IF 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



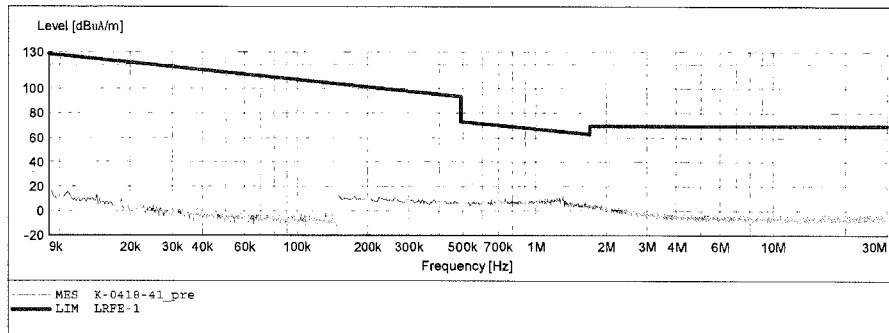
ACCURATE TECHNOLOGY CO.,LTD

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. Time	IF 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

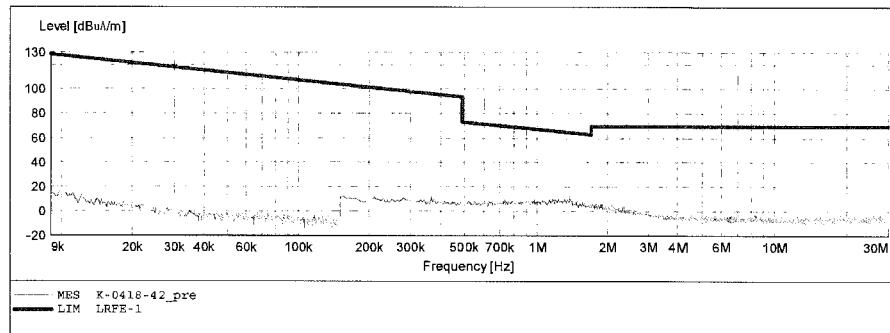


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:			SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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

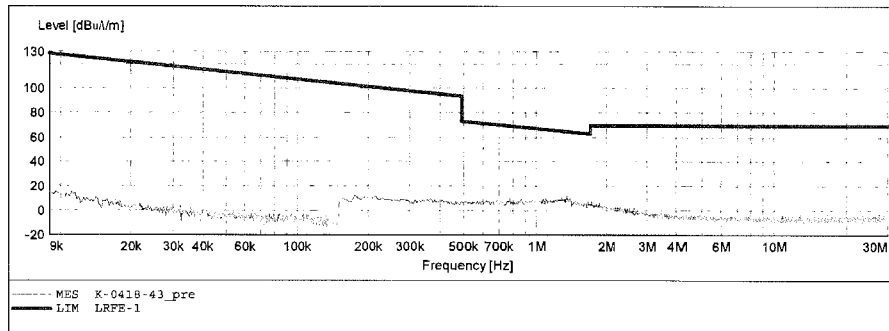


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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. Time	IF 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



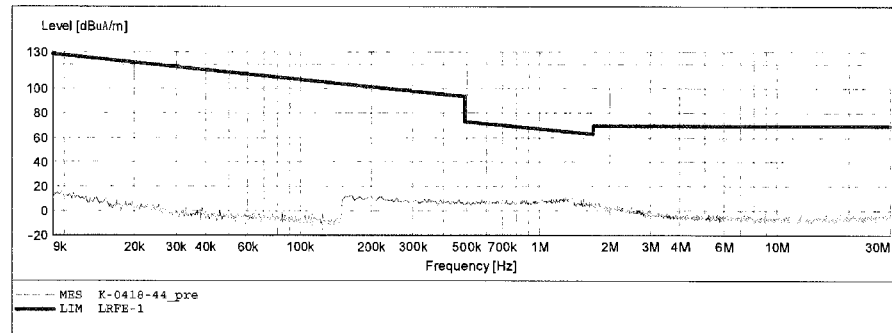
ACCURATE TECHNOLOGY CO.,LTD

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. Time	IF 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

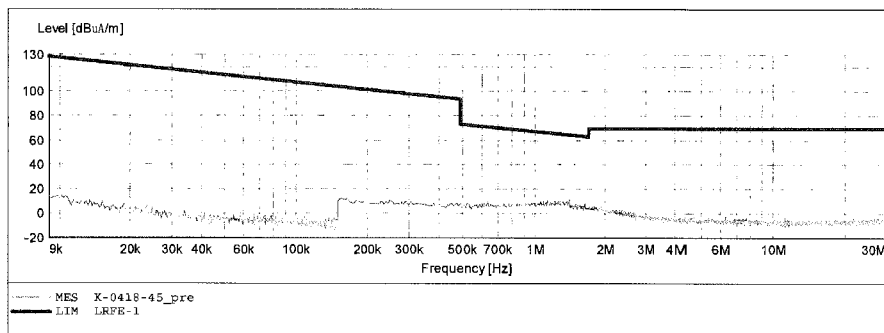


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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



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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

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

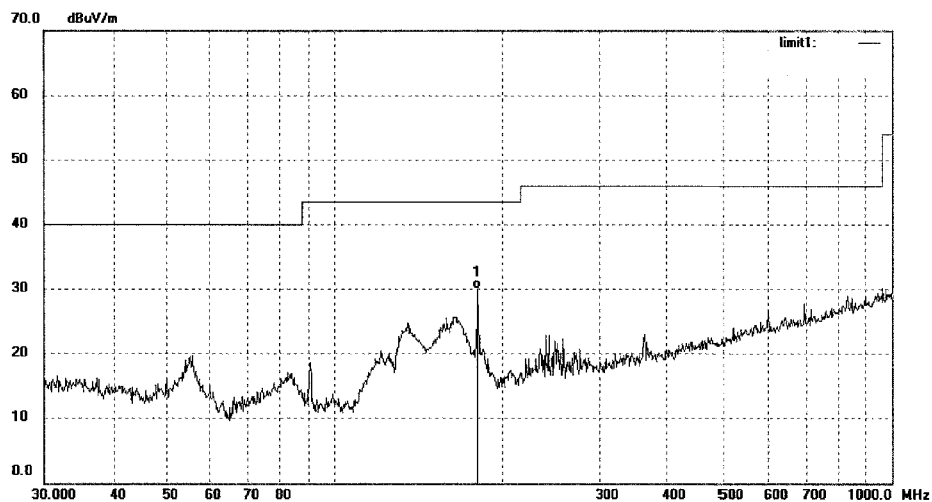
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

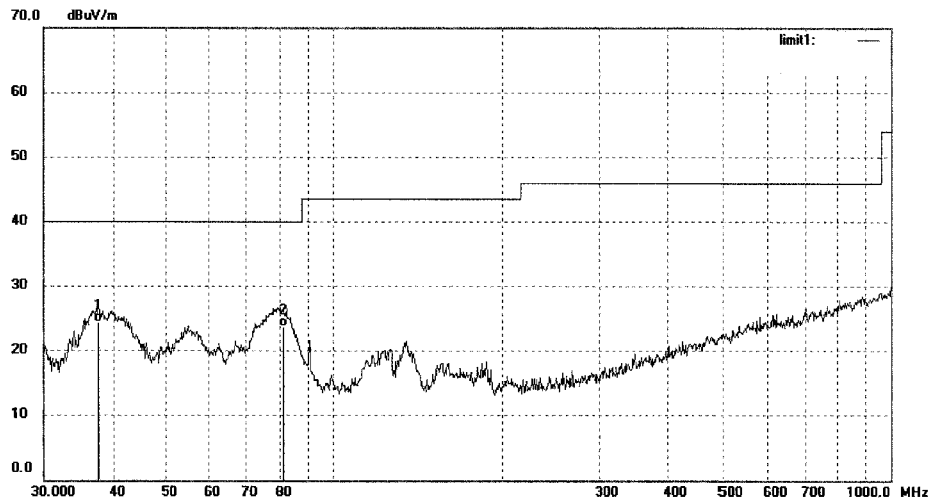

ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

 Job No.: YULIAH #367
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: Insignia Flex 8" WiFi Android Tablet
 Mode: TX 2412MHz
 Model: NS-P16AT08
 Manufacturer:

 Polarization: Vertical
 Power Source: AC 120V/60Hz
 Date: 2015/05/09
 Time:
 Engineer Signature: PEI
 Distance: 3m

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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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #369

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

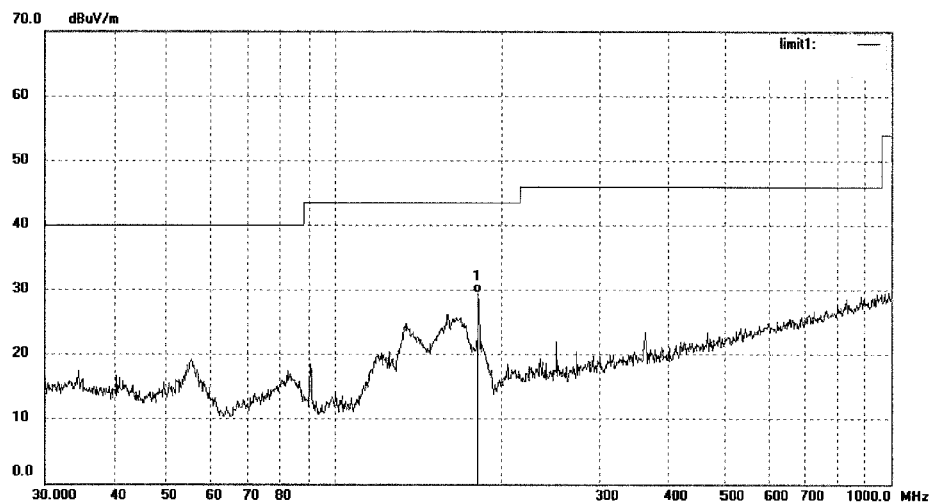
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #368

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

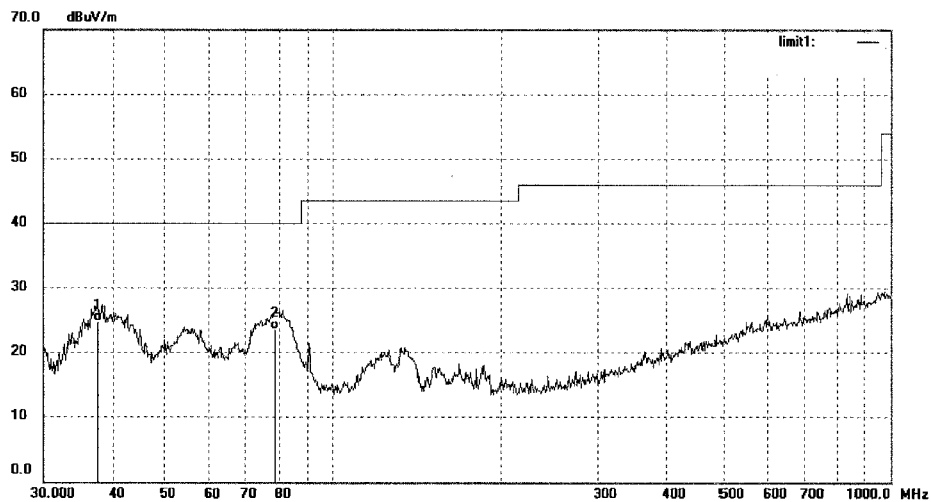
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #370

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

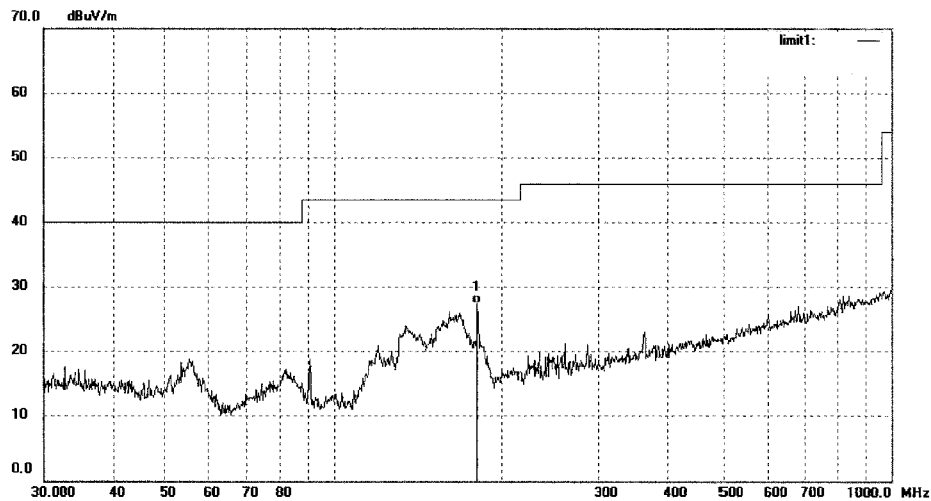
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11n HT20

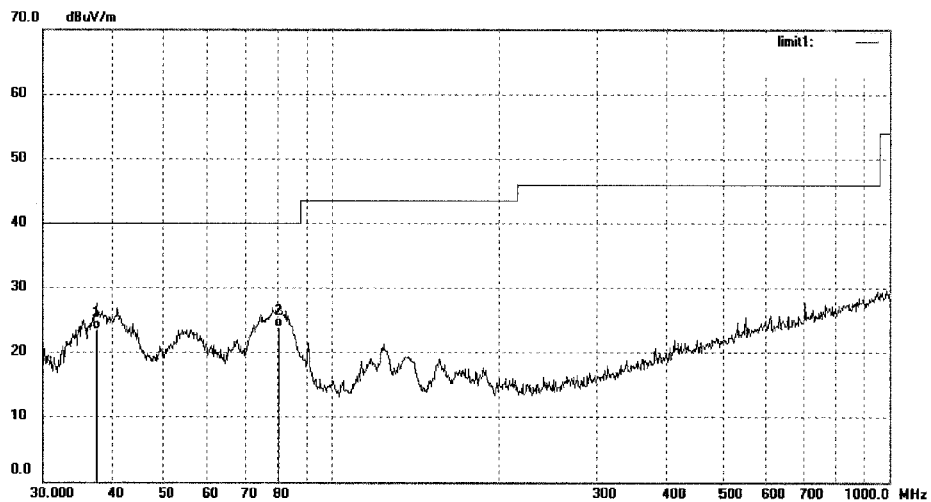


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	40.60	-13.28	27.32	43.50	-16.18	QP			


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 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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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #437

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

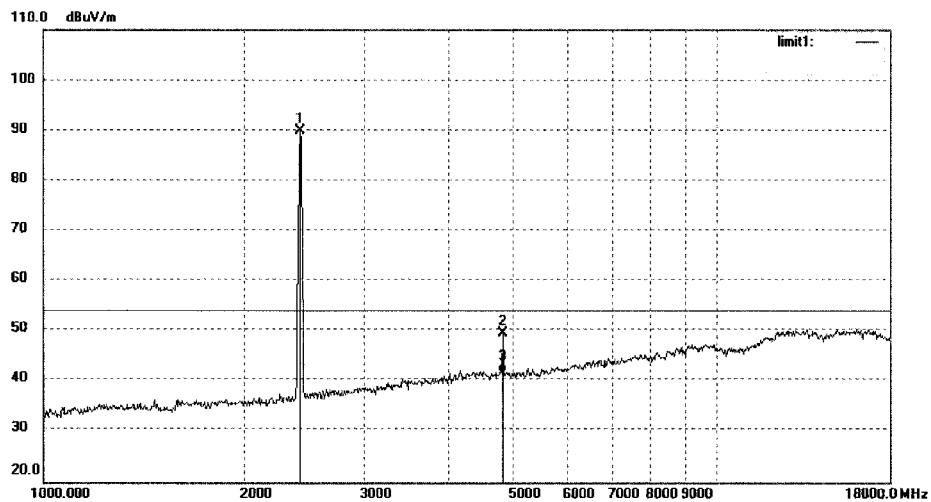
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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.

 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 #438

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

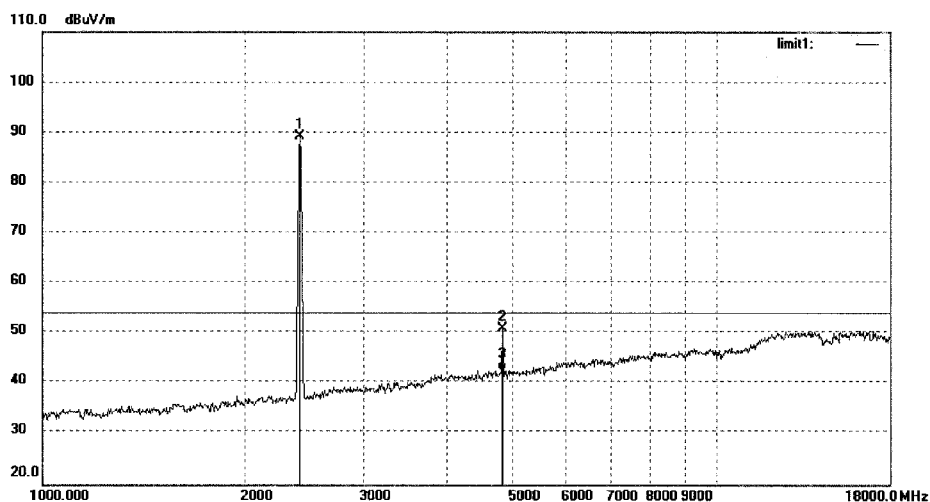
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #441

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

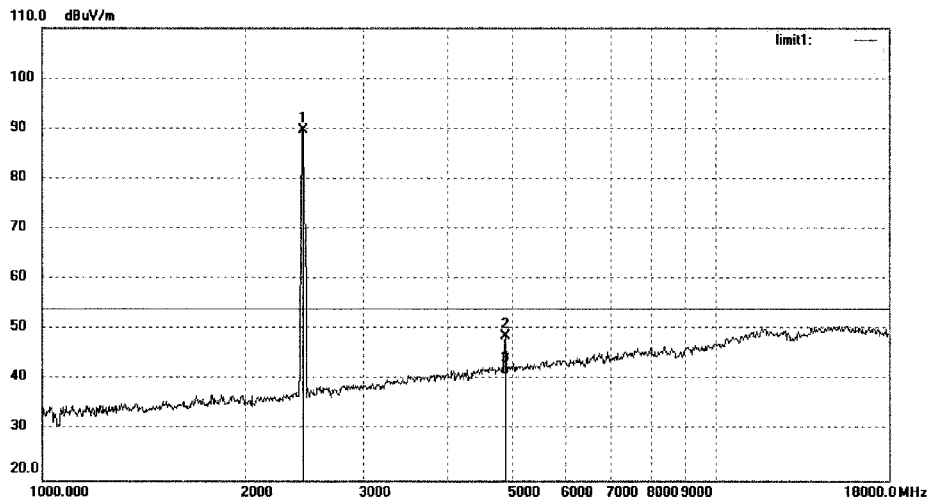
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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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

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

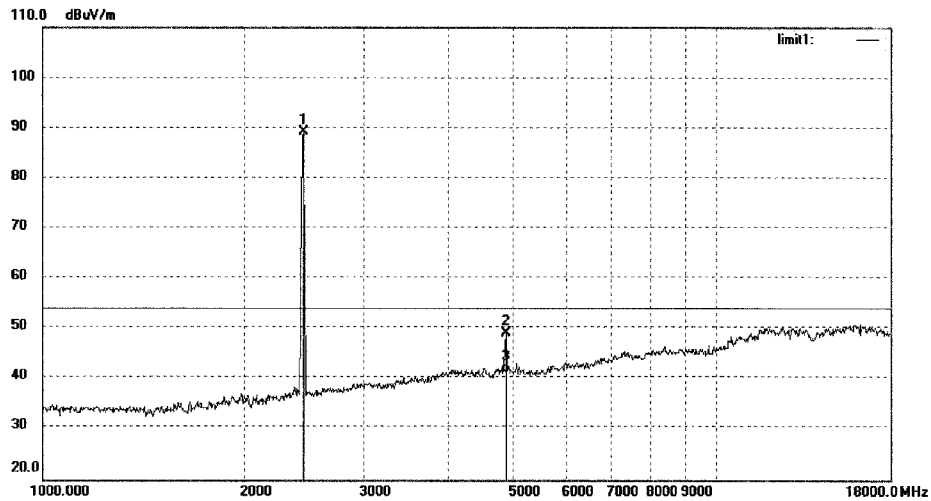
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

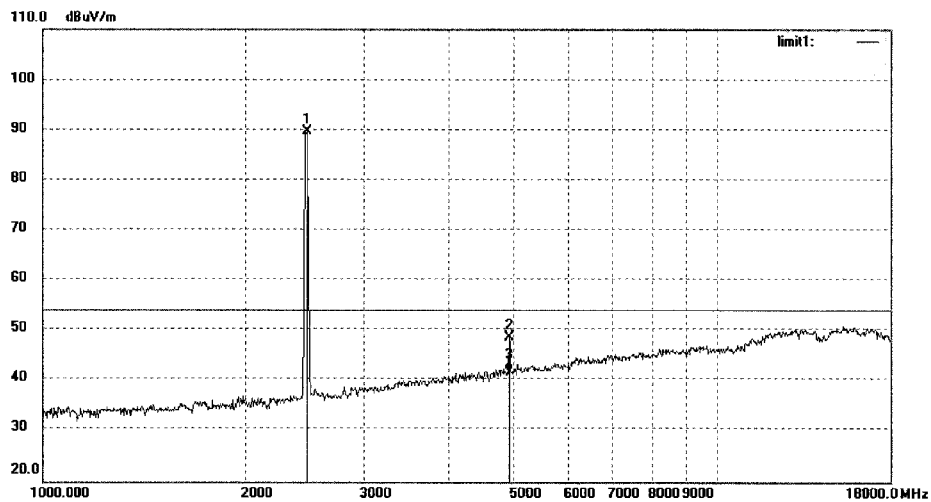
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

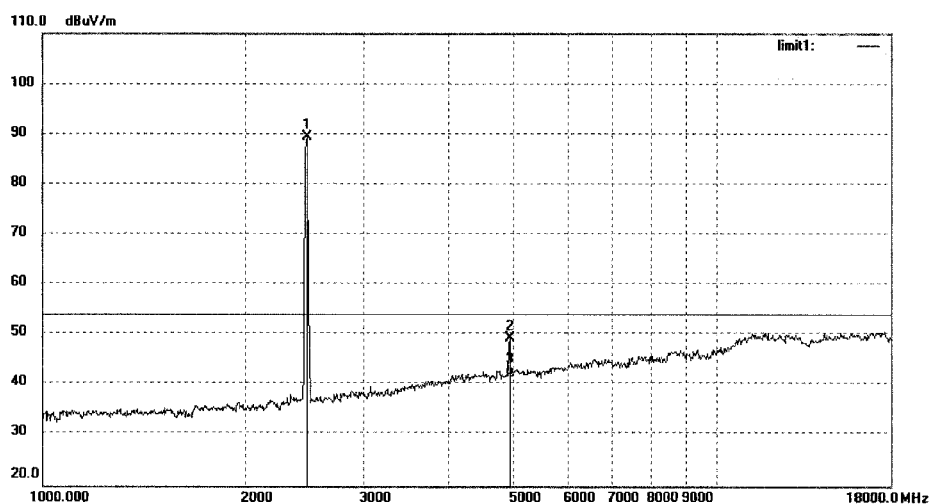
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #600

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

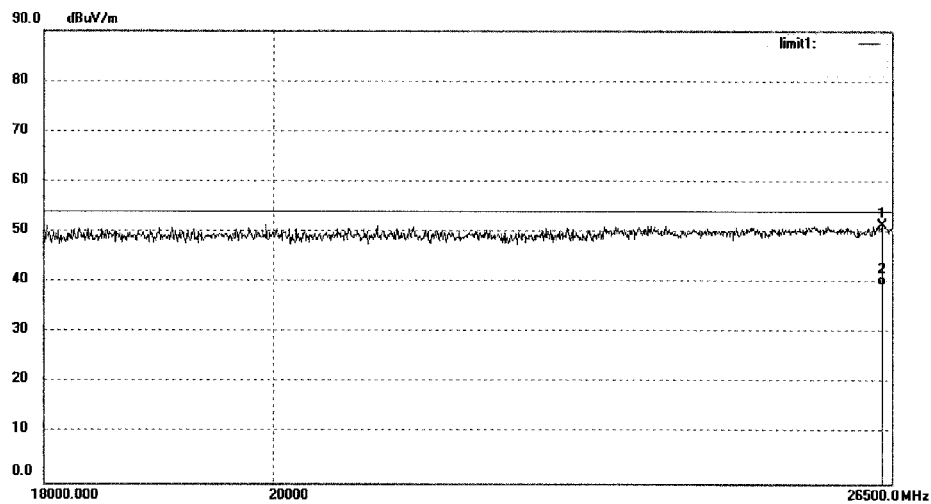
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Fax:+86-0755-26503396

Job No.: YULIAH #599

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

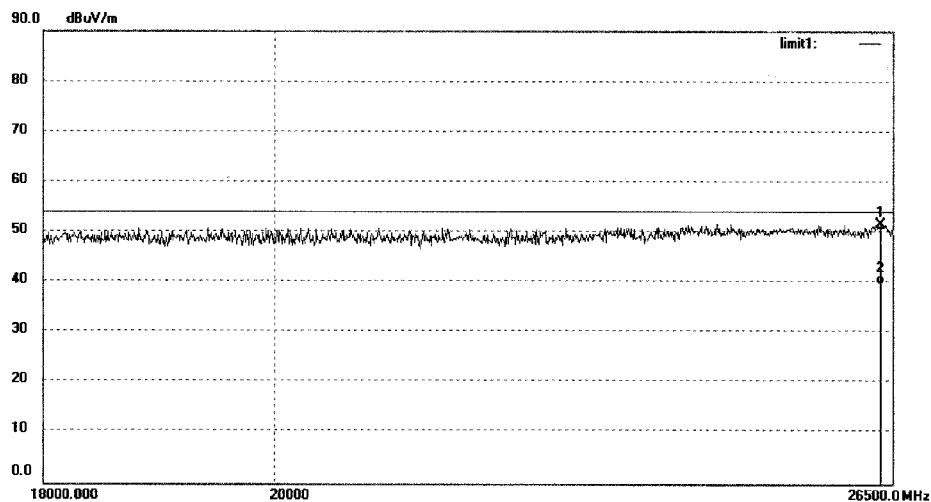
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #602

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

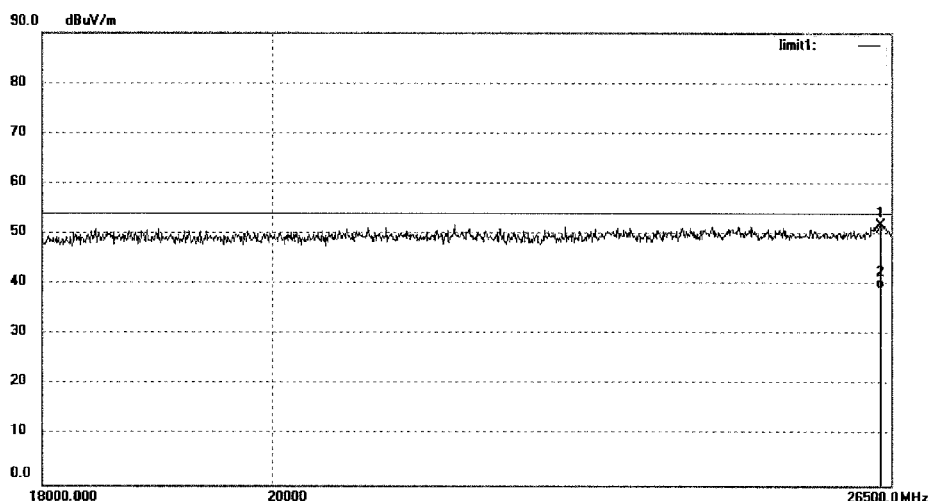
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Fax:+86-0755-26503396

Job No.: YULIAH #601

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

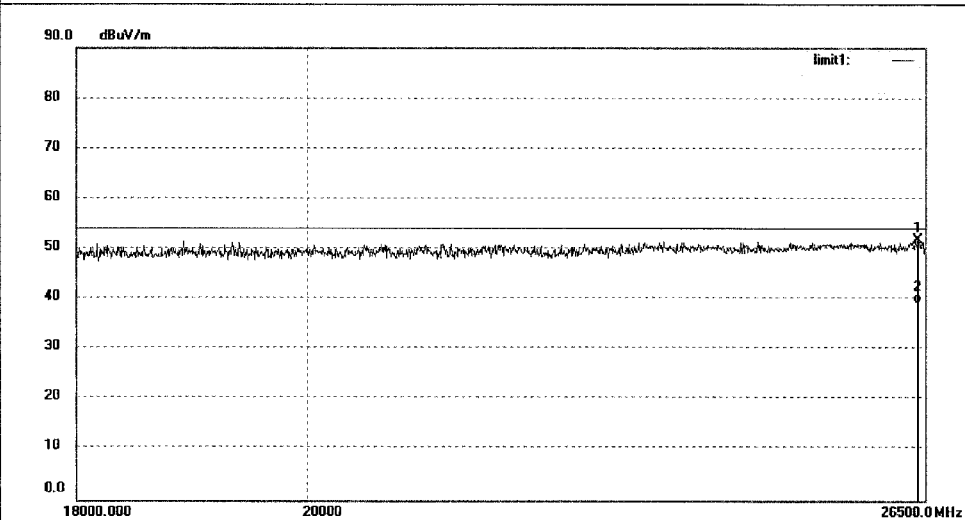
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #604

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

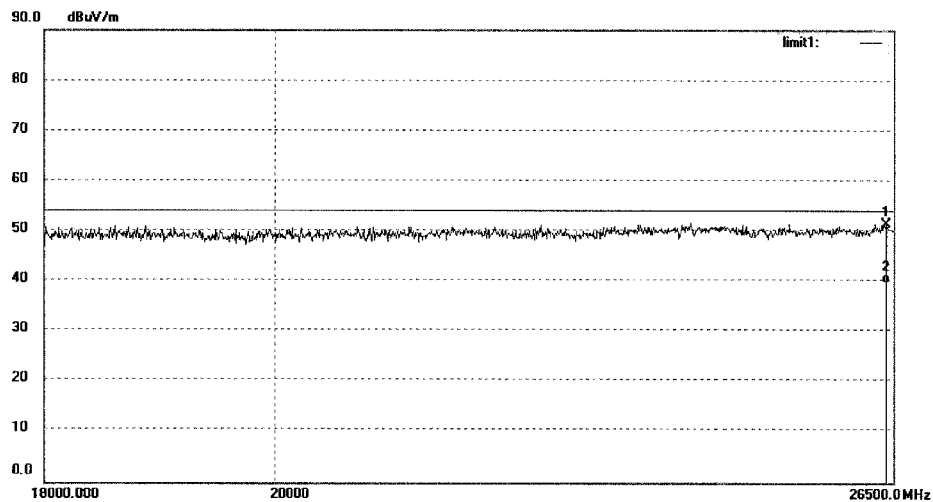
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #603

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

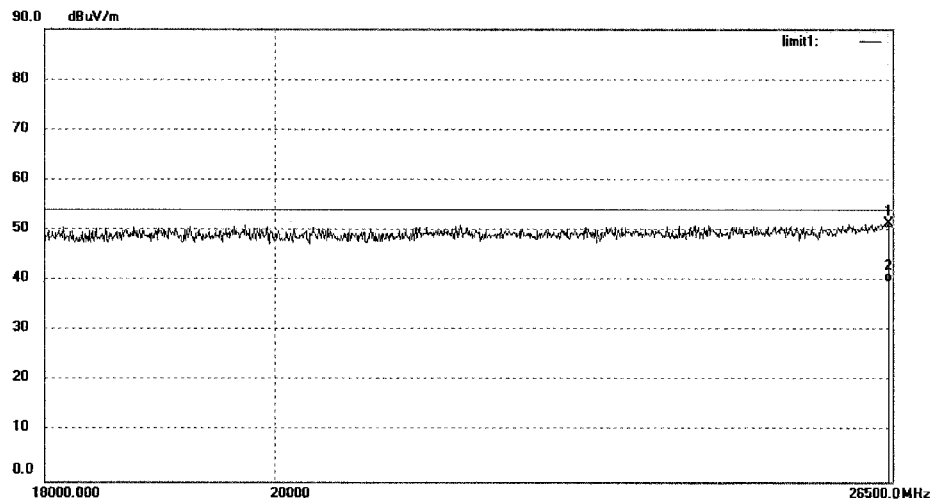
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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 Plot of Band Edge of 802.11n HT20


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Job No.: YULIAH #440

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

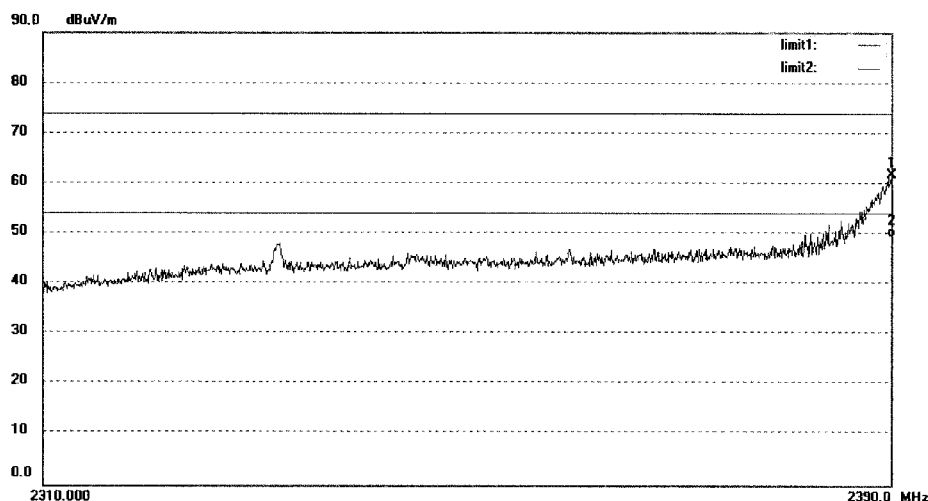
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #439

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

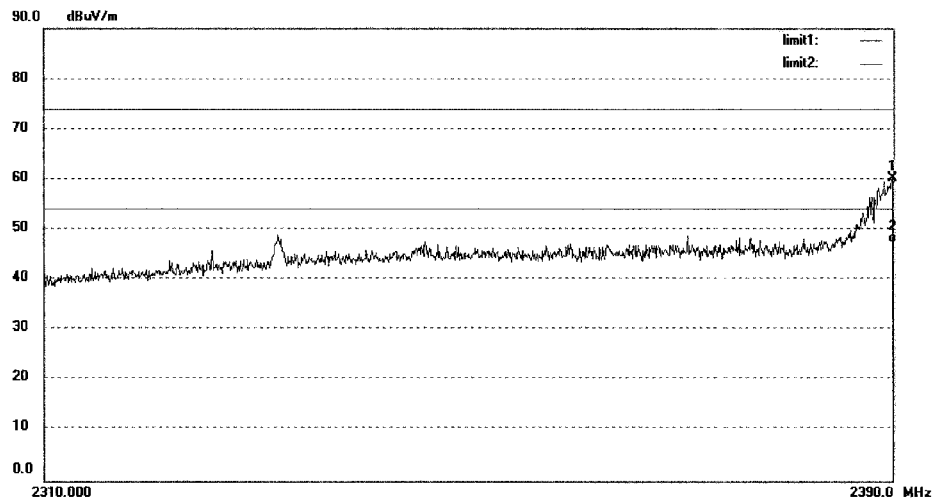
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #445

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

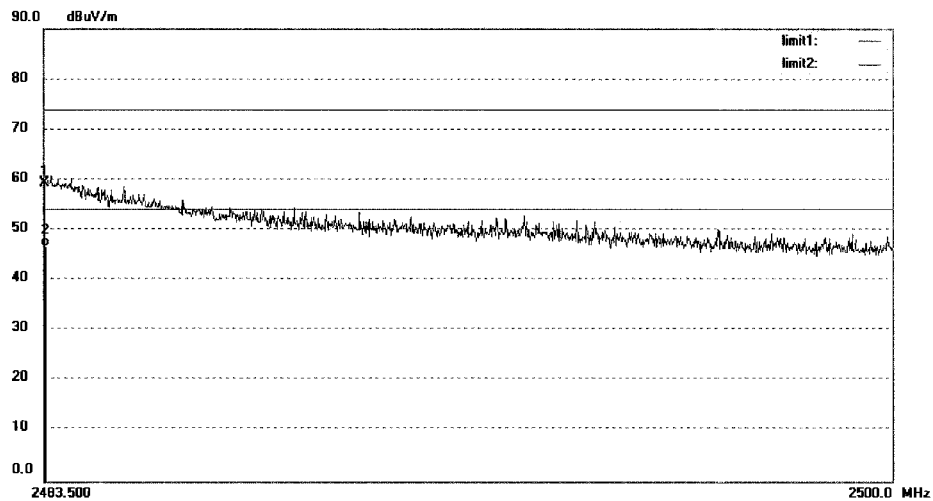
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Site: 2# Chamber

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Job No.: YULIAH #446

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

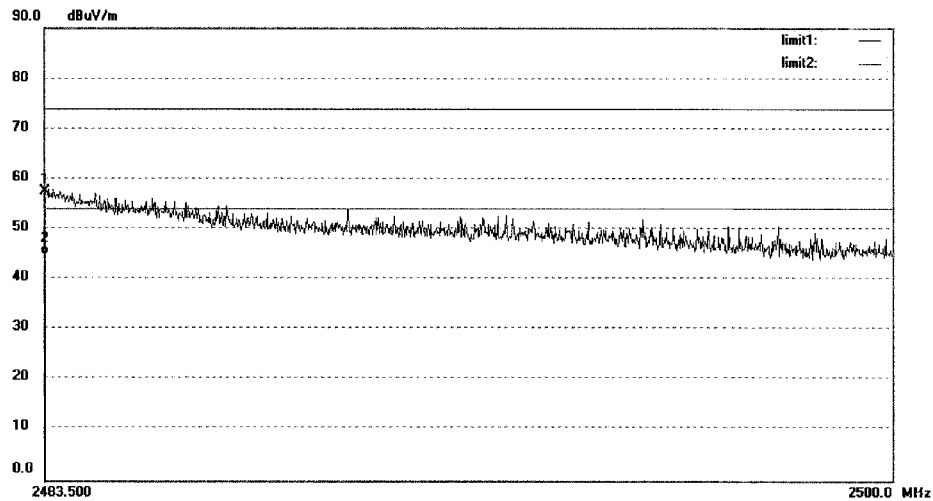
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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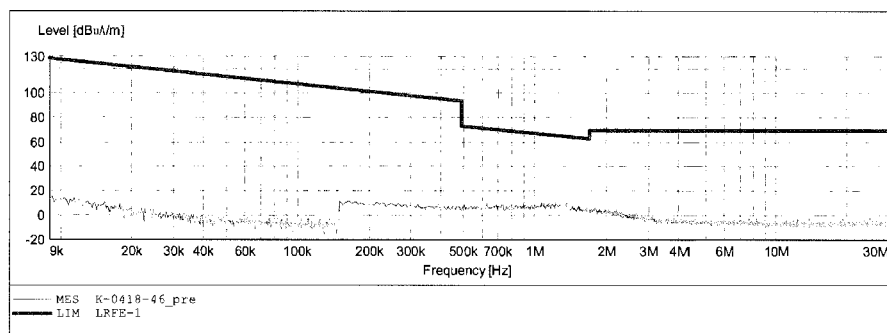
Test Plot of Spurious Emission of 802.11n HT40

ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-Pl6AT08
 Manufacturer:
 Operating Condition: TX 2422MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

SCAN TABLE: "LFRE Fin"

Short Description: _SUB_STD_VTERM2 1.70			Detector	Meas. Time	IF Bandw.	Transducer
Start Frequency	Stop Frequency	Step 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

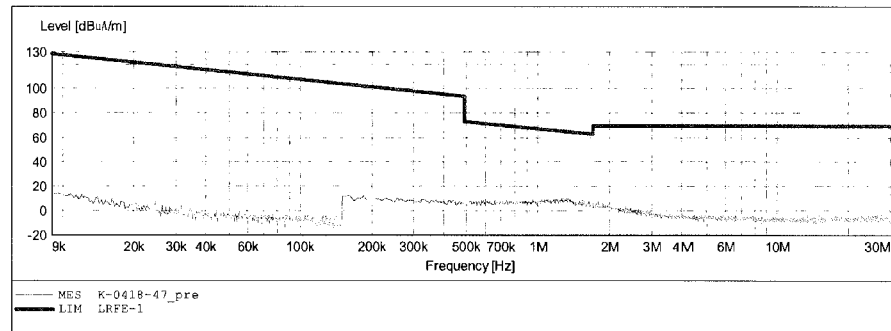


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-PI6AT08
 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. Time	IF 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

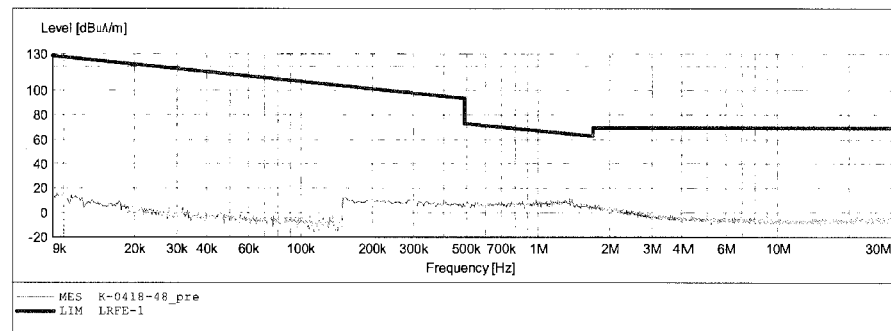


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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: Z

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	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

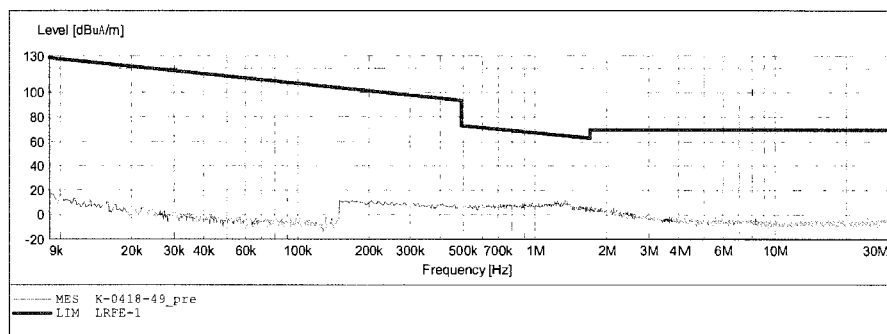


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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. Time	IF 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

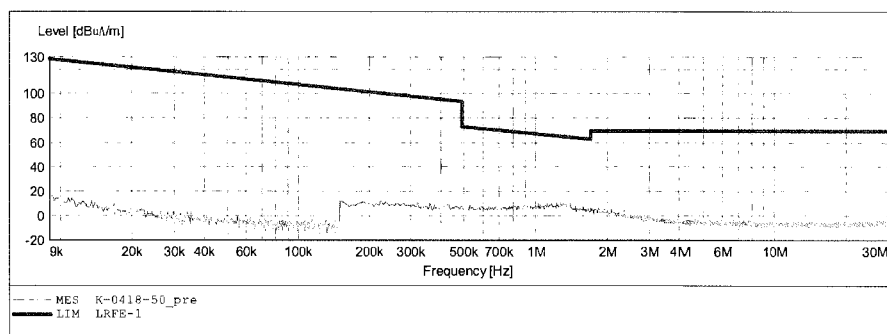


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-PI6AT08
 Manufacturer:
 Operating Condition: TX 2437MHz
 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. Time	IF 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

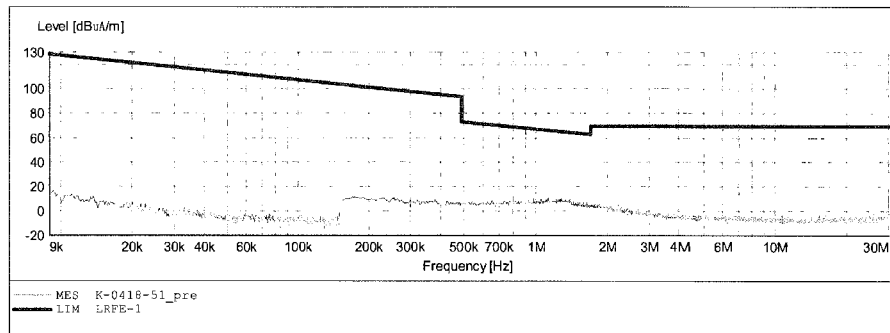


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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"

Short Description:				SUB STD VTERM2 1.70		
Start	Stop	Step	Detector	Meas. Time	IF 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

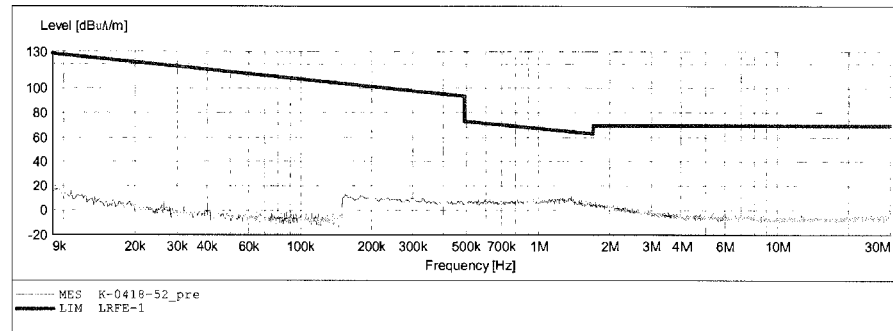


ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-PI6AT08
 Manufacturer:
 Operating Condition: TX 2452MHz
 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. Time	IF 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



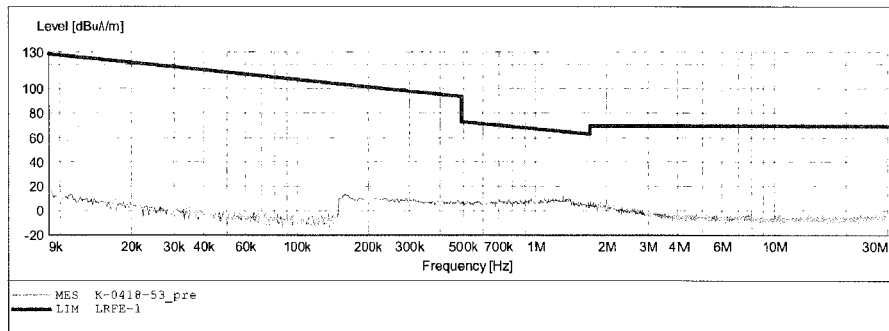
ACCURATE TECHNOLOGY CO.,LTD

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"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF 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

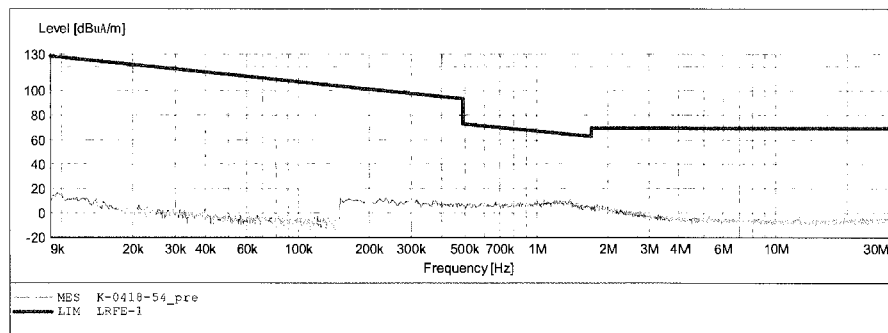


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

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: Z

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency 9.0 kHz	Frequency 150.0 kHz	Width 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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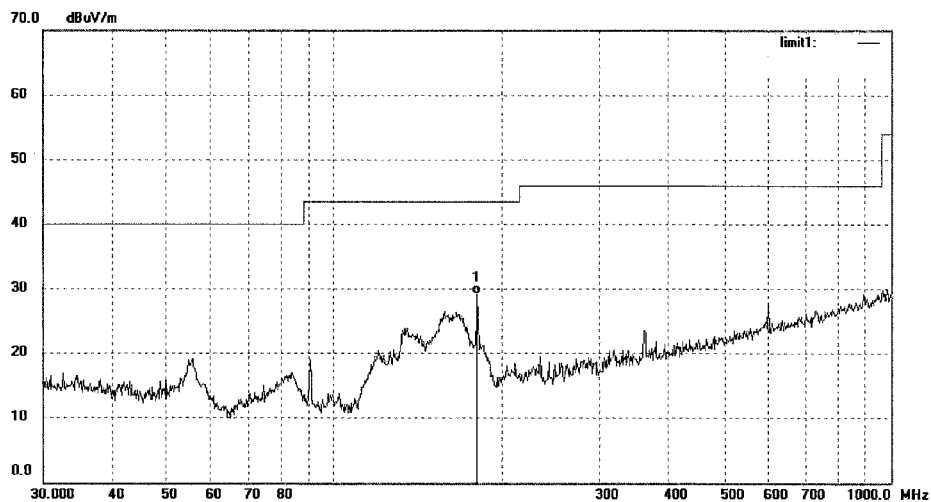
ACCURATE TECHNOLOGY CO., LTD.
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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

 Job No.: YULIAH #373
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: Insignia Flex 8" WiFi Android Tablet
 Mode: TX 2422MHz
 Model: NS-P16AT08
 Manufacturer:

 Polarization: Horizontal
 Power Source: AC 120V/60Hz
 Date: 2015/05/09
 Time:
 Engineer Signature: PEI
 Distance: 3m

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			


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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #372

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2422MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

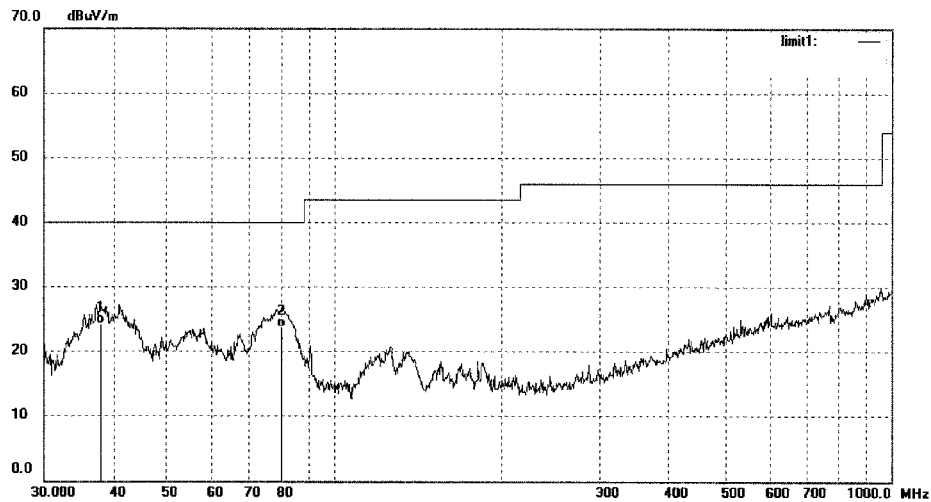
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #374

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

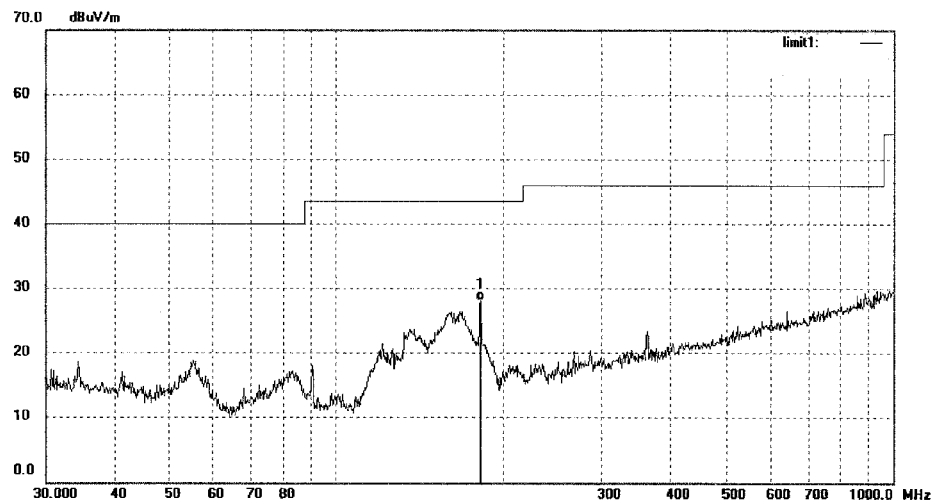
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #375

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

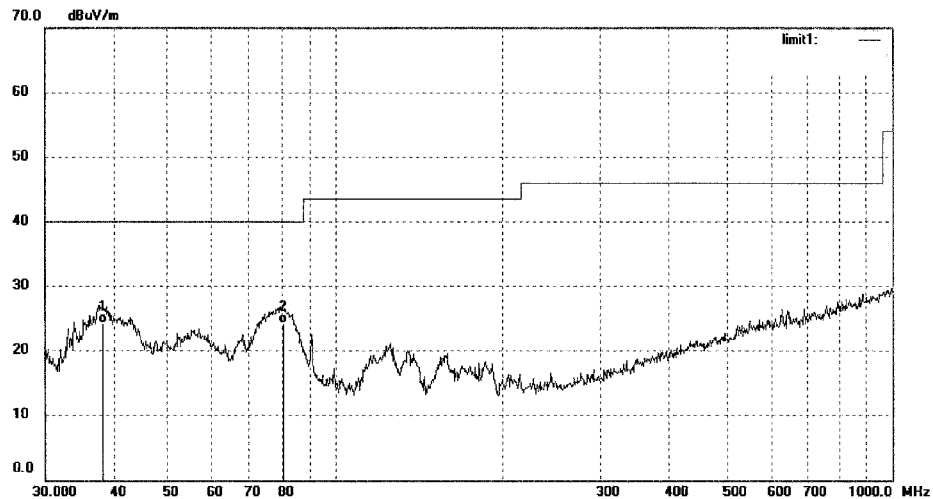
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #377

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2452MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

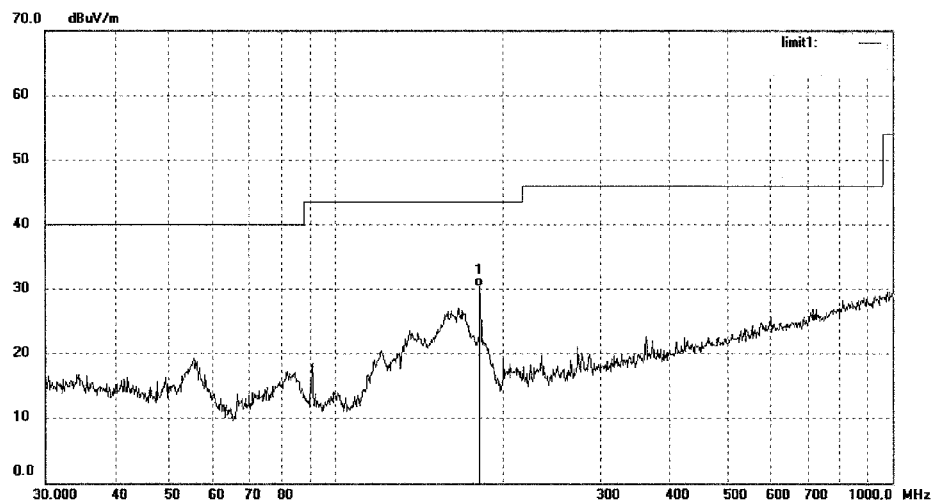
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #376

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2452MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

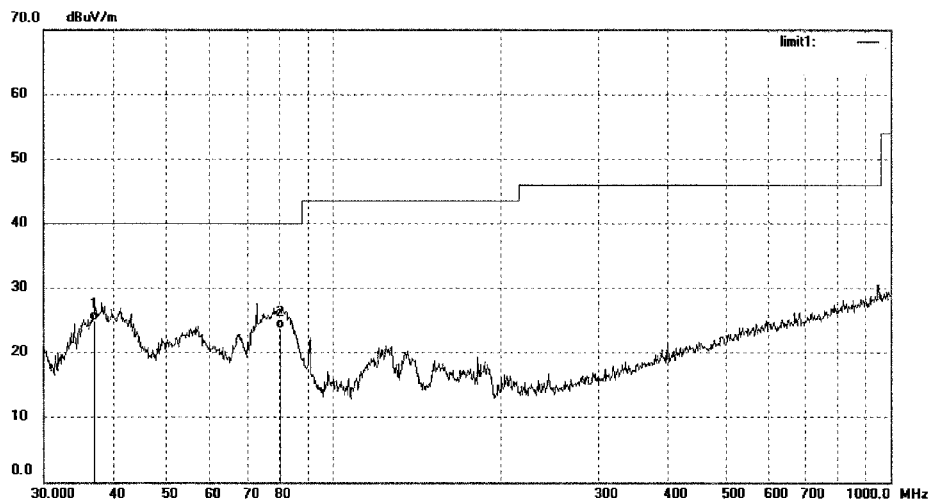
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #448

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2422MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

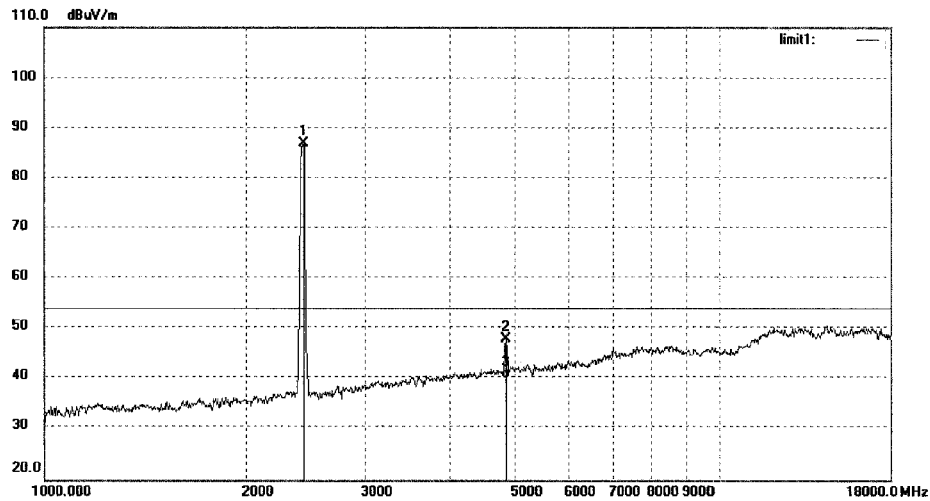
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #447

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2422MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

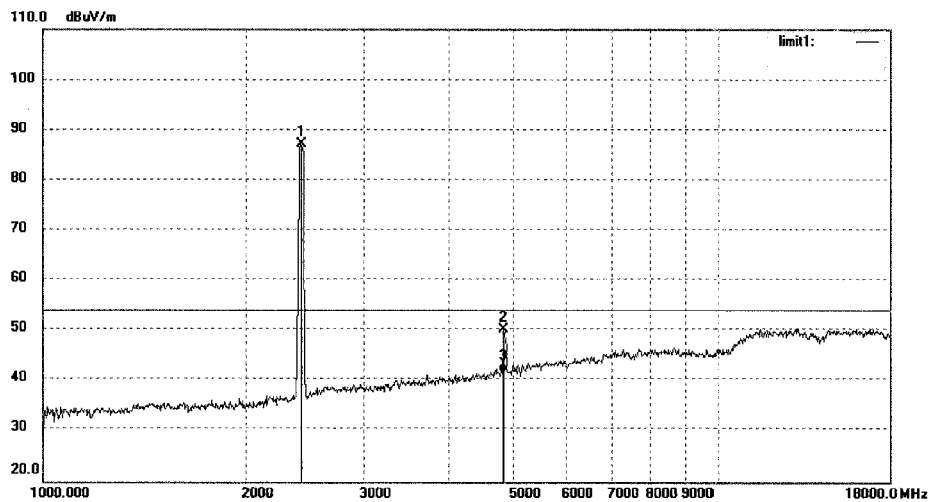
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #452

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

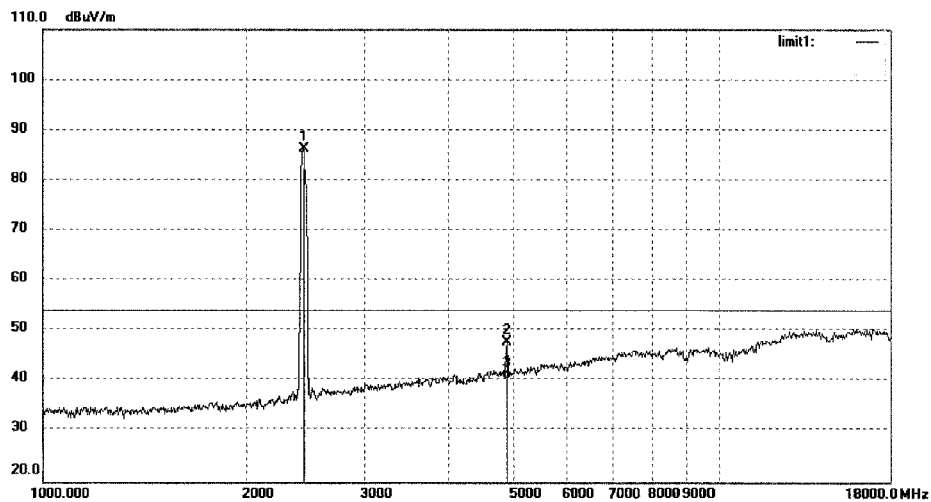
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #451

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

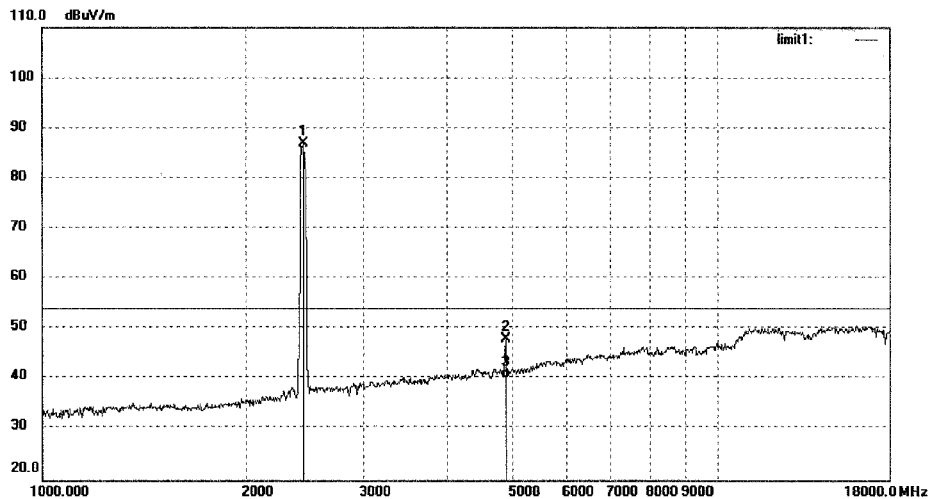
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #453

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2452MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

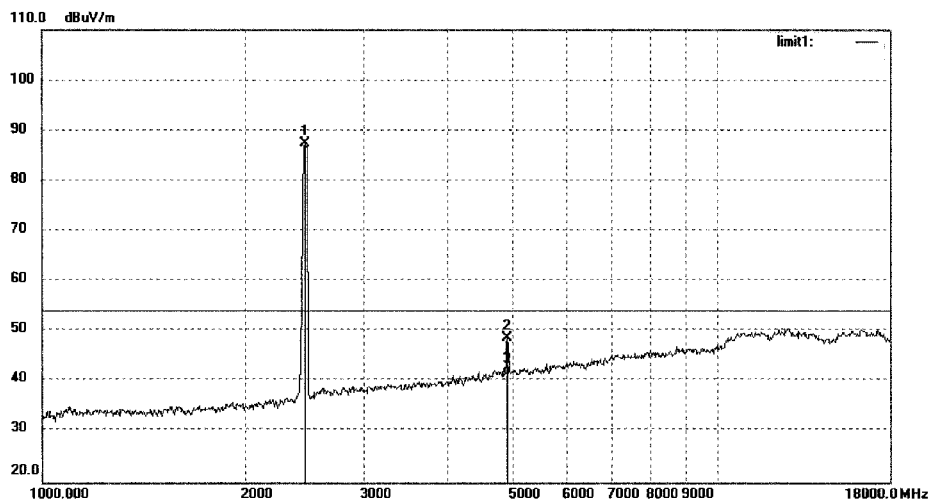
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #454

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2452MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

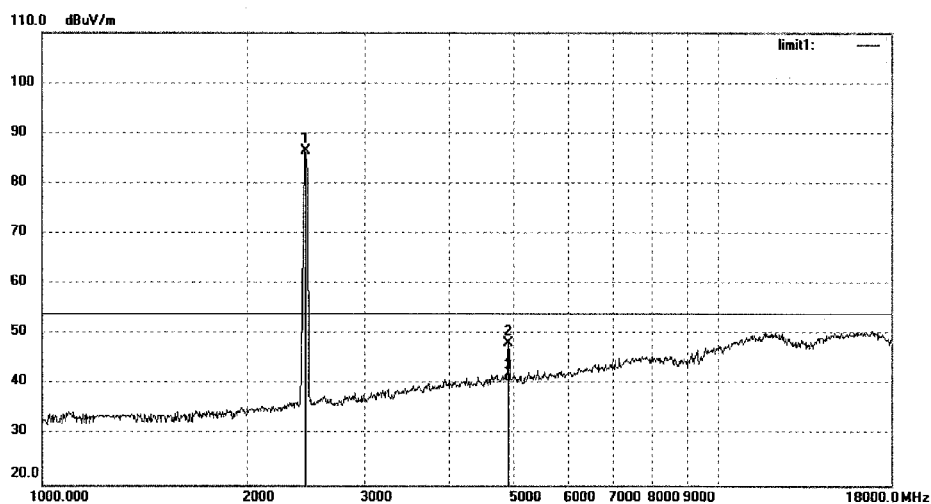
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11n HT40

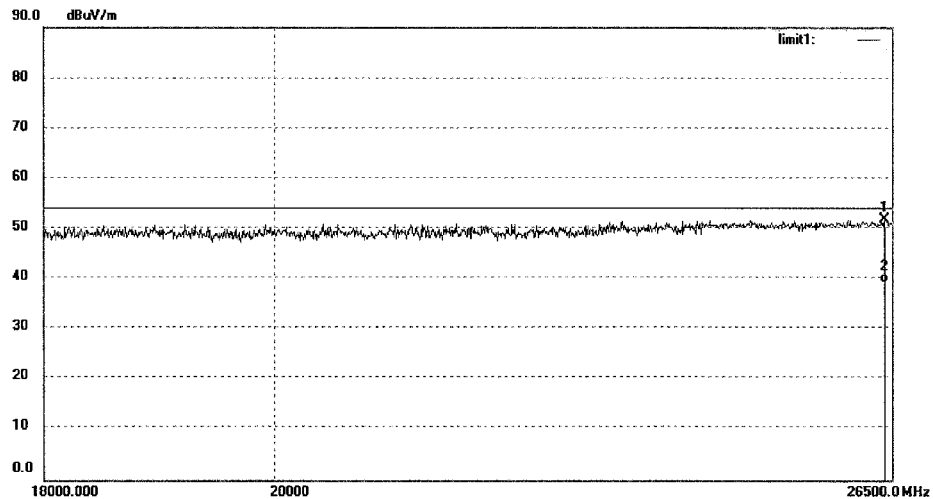


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.000	93.84	-7.33	86.51	/	/	peak			
2	4904.368	47.99	0.25	48.24	74.00	-25.76	peak			
3	4904.368	40.30	0.25	40.55	54.00	-13.45	AVG			


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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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Job No.: YULIAH #606

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2422MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

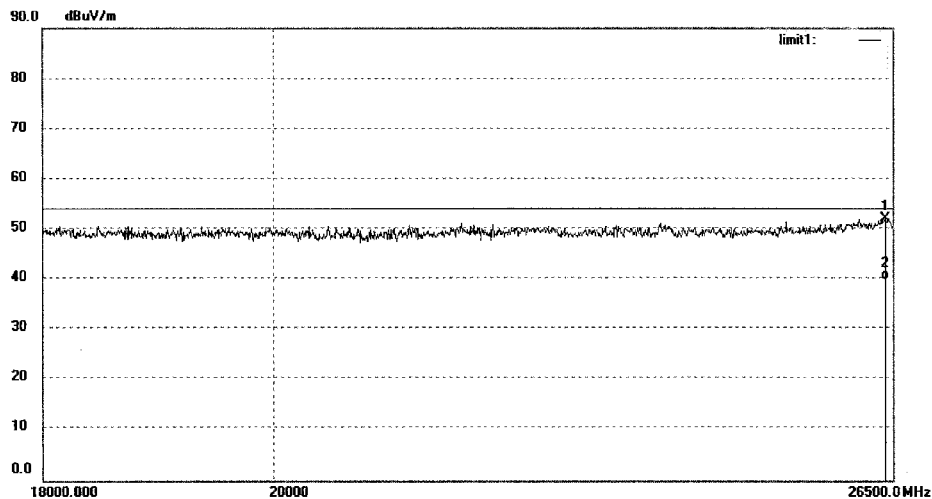
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #608

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

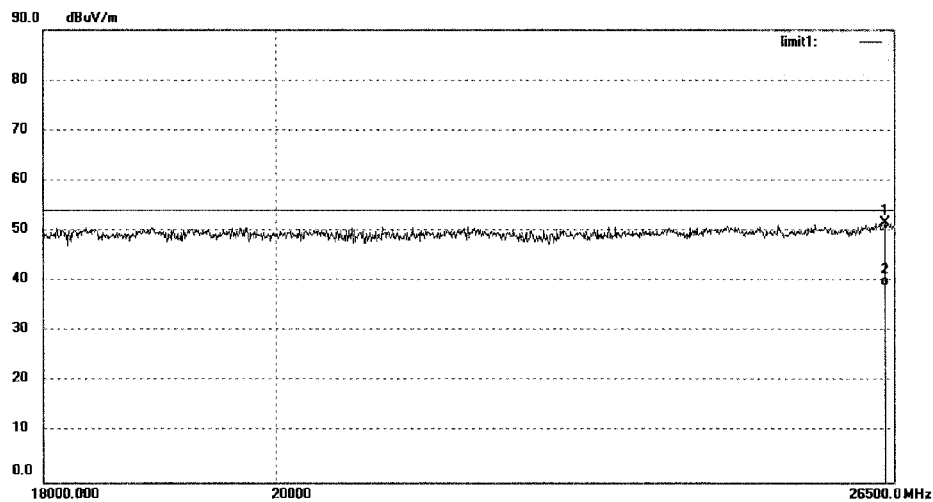
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #607

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

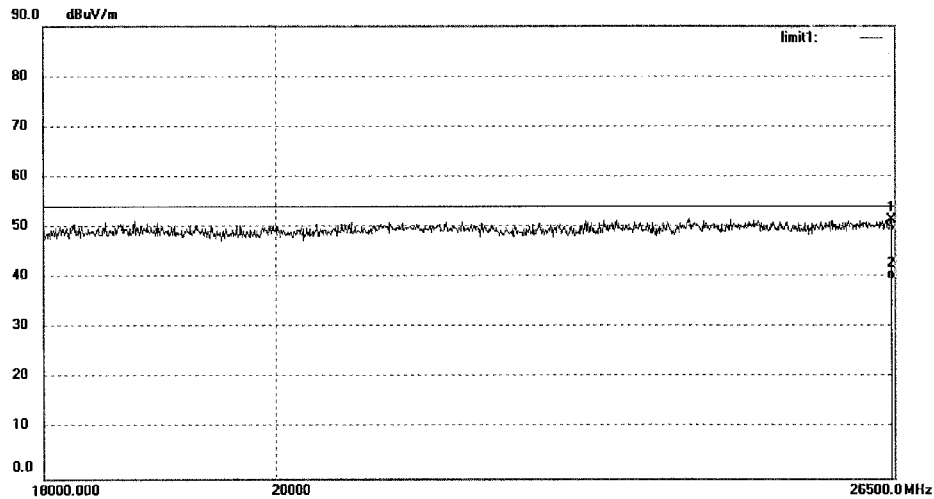
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #609

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2452MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

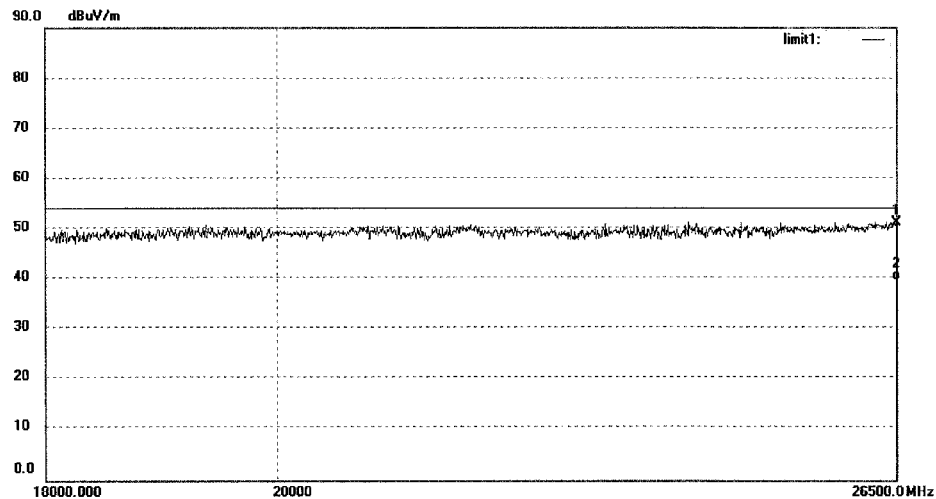
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Job No.: YULIAH #610

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2452MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

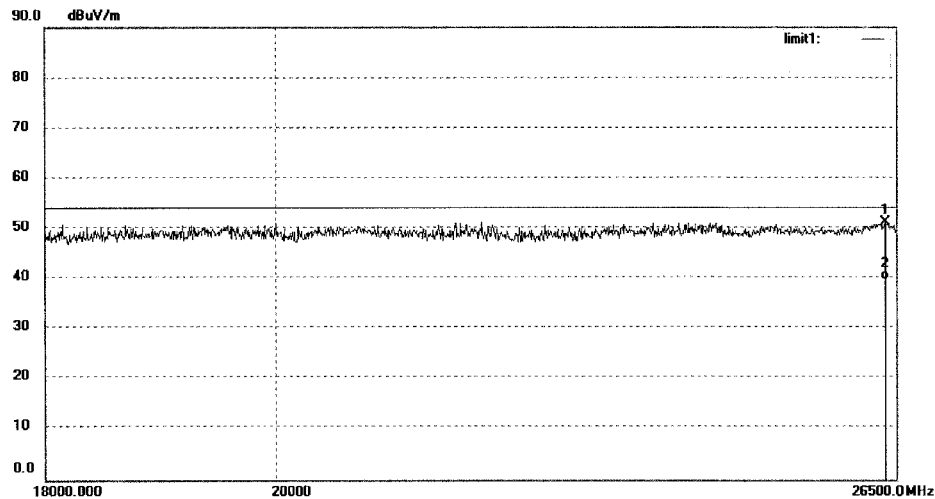
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Test Plot of Band Edge of 802.11n HT40

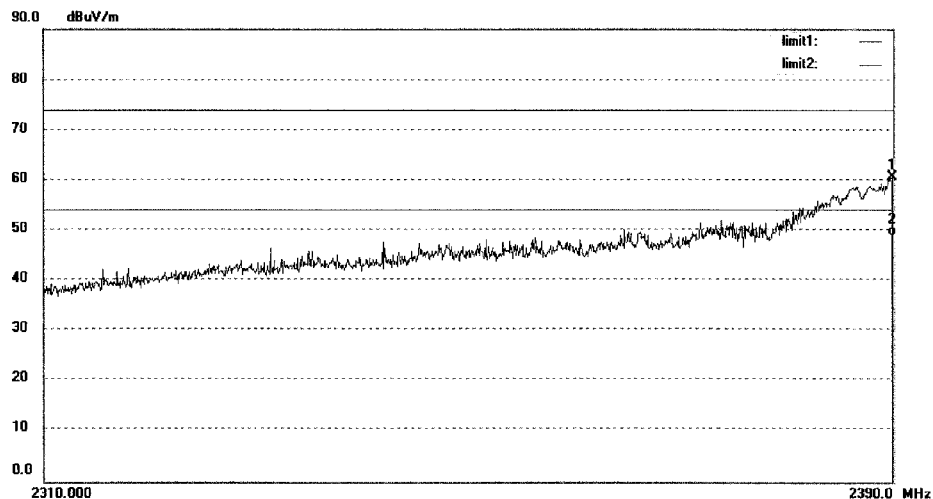
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Job No.: YULIAH #449	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test Item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: 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			


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Job No.: YULIAH #450

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2422MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

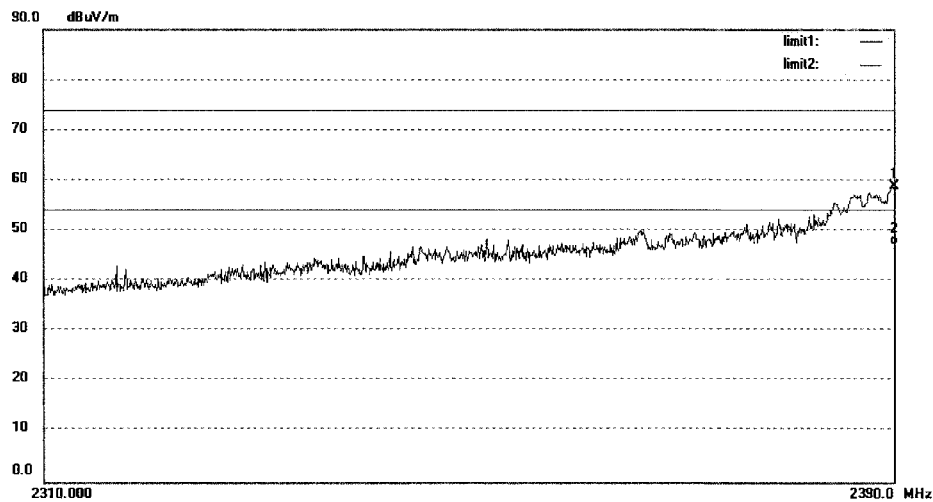
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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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

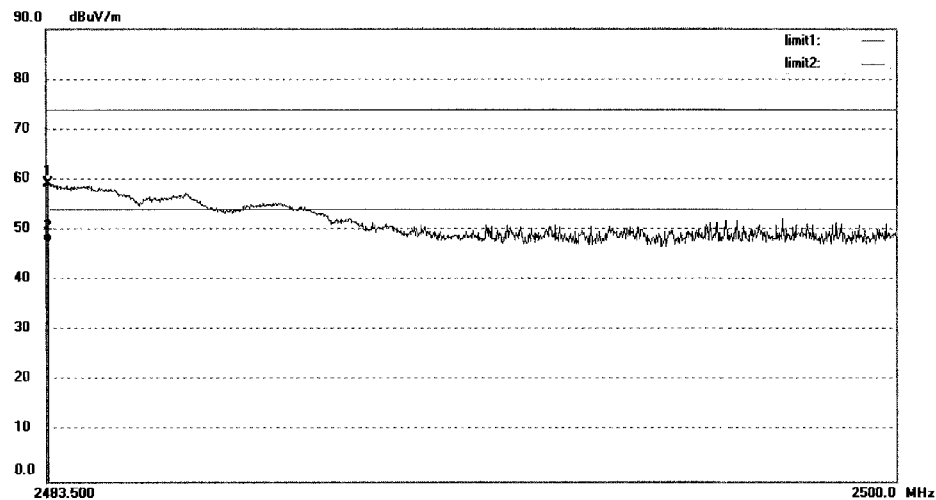
Mode: TX 2452MHz

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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Fax:+86-0755-26503396

Job No.: YULIAH #455

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2452MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

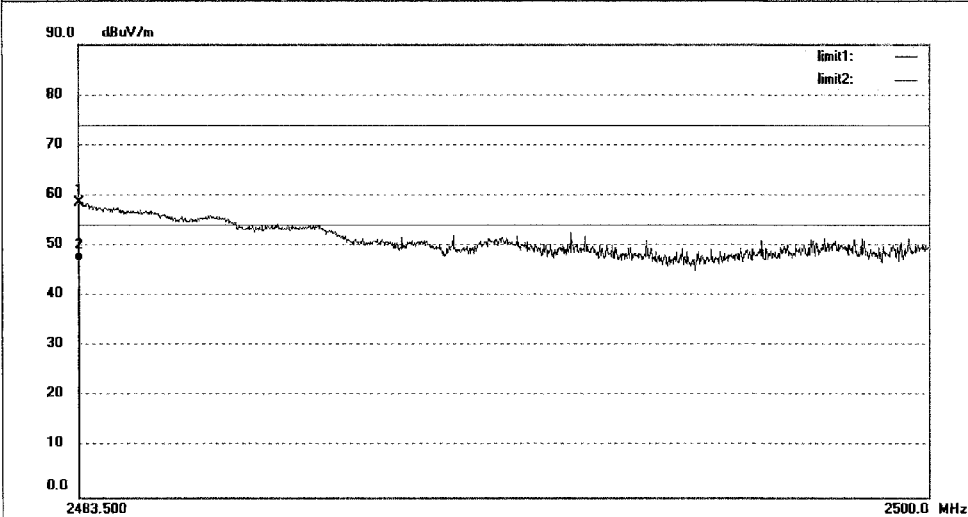
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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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

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

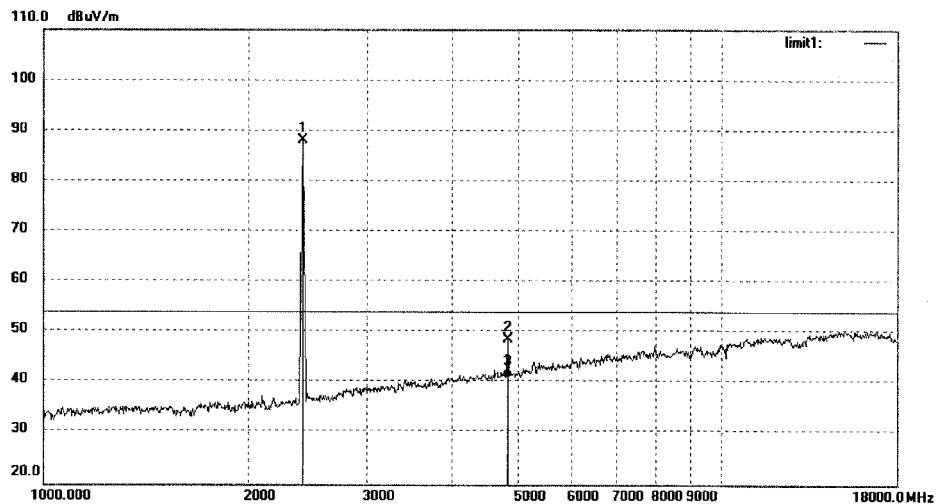
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Fax:+86-0755-26503396

Job No.: YULIAH #503

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

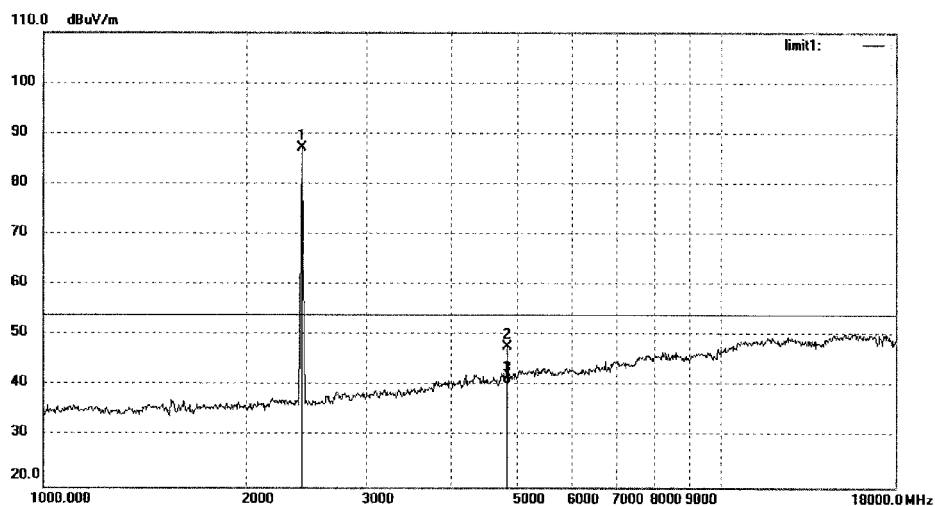
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #508

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

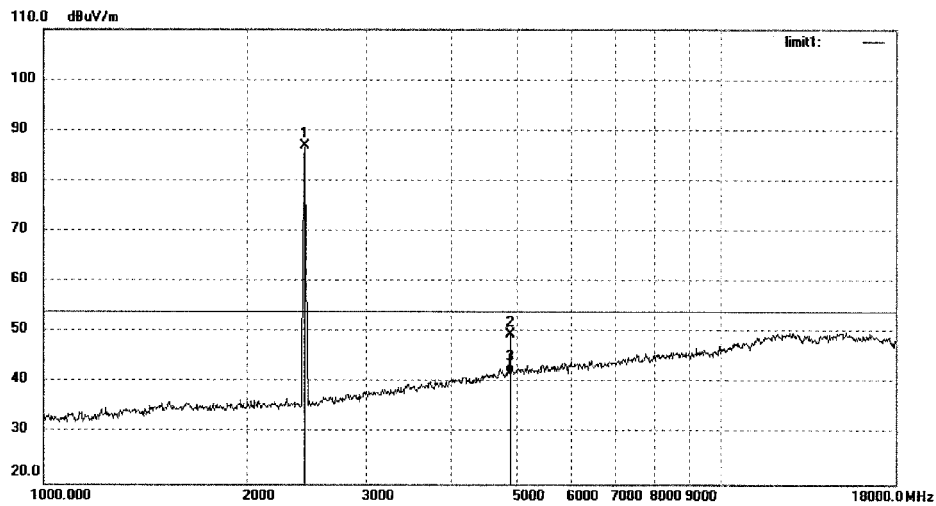
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #507

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

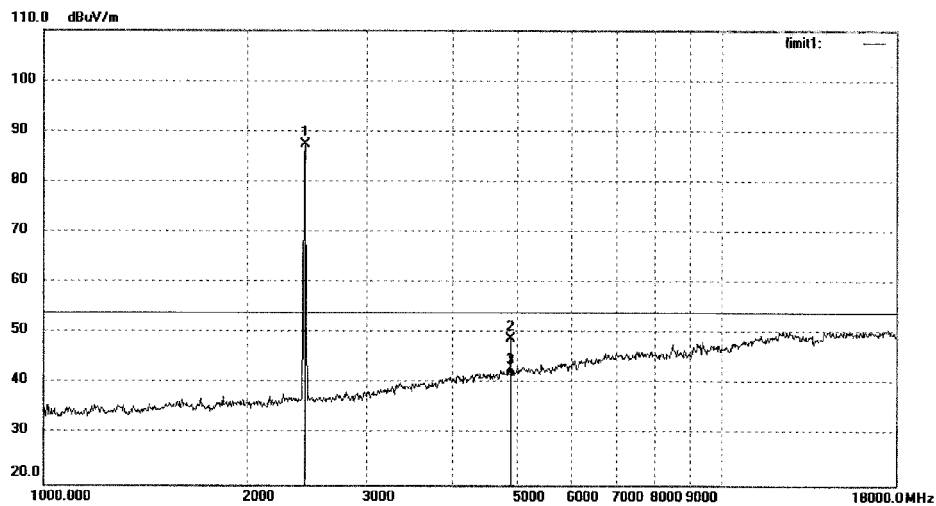
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #509

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

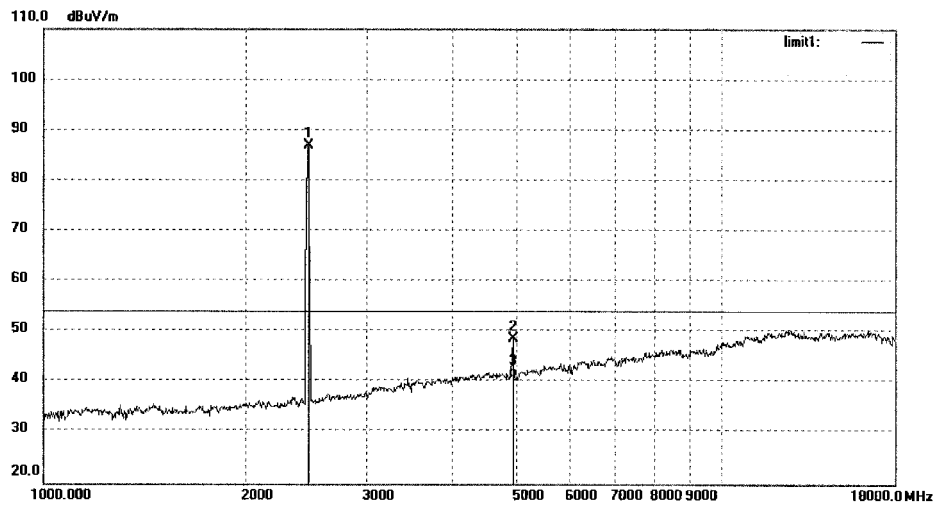
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			



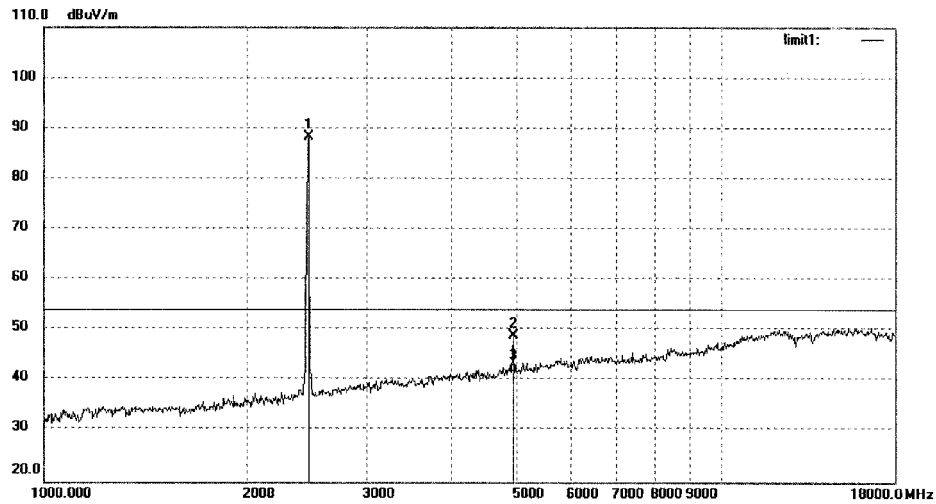
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: YULIAH #510
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Insignia Flex 8" WiFi Android Tablet
Mode: TX 2462MHz
Model: NS-P16AT08
Manufacturer:

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2015/05/09
Time:
Engineer Signature: PEI
Distance: 3m

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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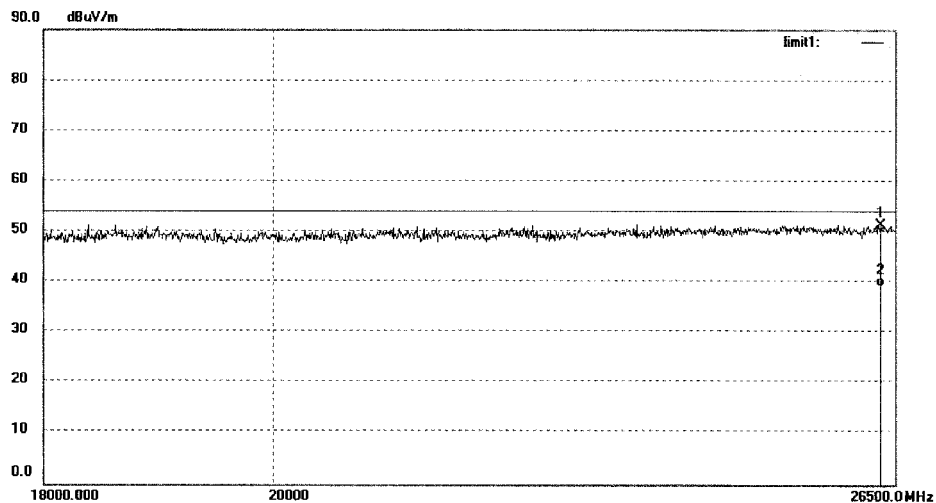
ACCURATE TECHNOLOGY CO., LTD.
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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
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 Job No.: YULIAH #641
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: Insignia Flex 8" WiFi Android Tablet
 Mode: TX 2412MHz
 Model: NS-P16AT08
 Manufacturer:

 Polarization: Horizontal
 Power Source: AC 120V/60Hz
 Date: 2015/05/09
 Time:
 Engineer Signature: PEI
 Distance: 3m

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			

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #642

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

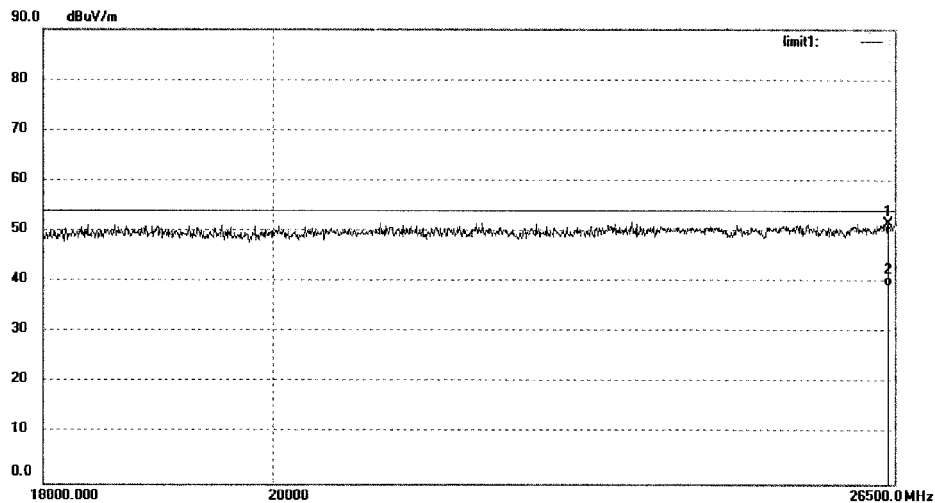
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #644

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

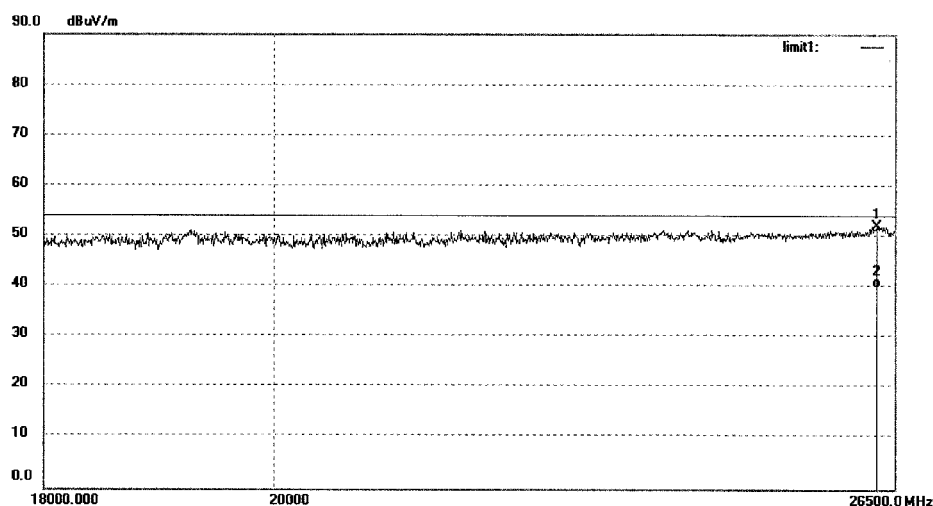
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #643

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

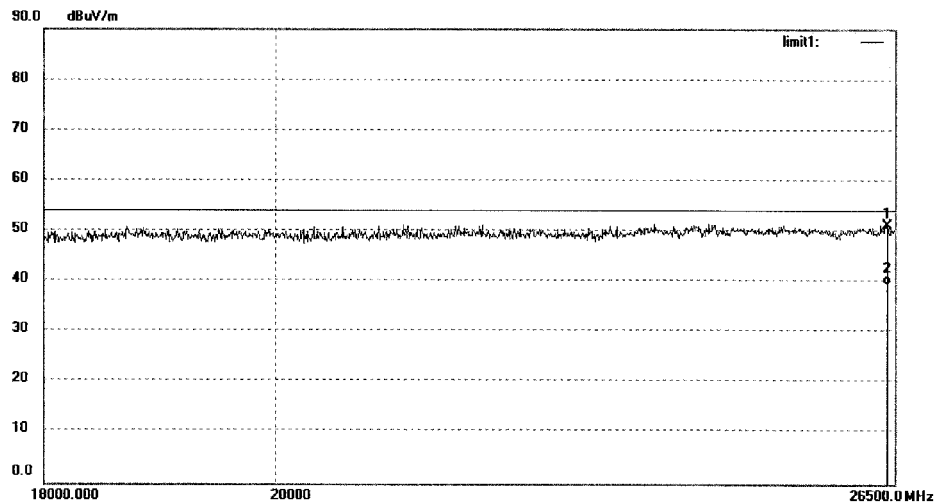
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Site: 2# Chamber

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Job No.: YULIAH #645

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

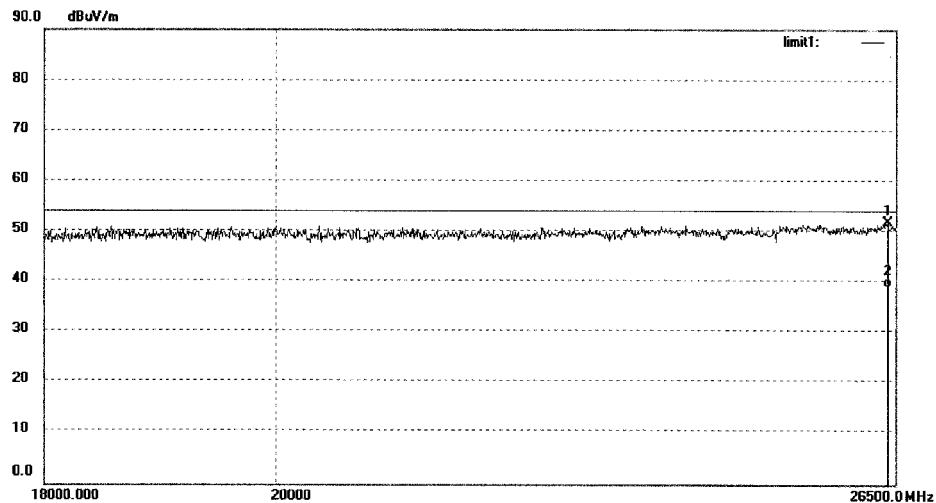
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11b



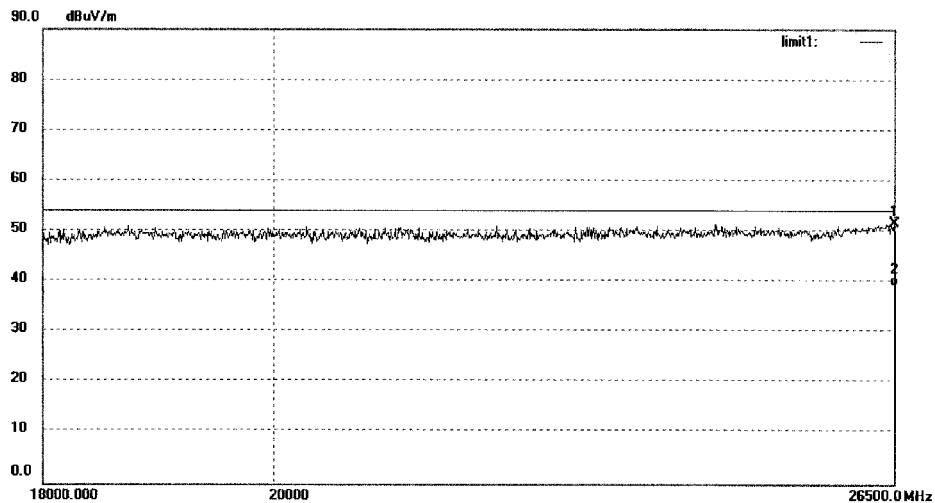
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	35.34	16.50	51.84	74.00	-22.16	peak			
2	26407.731	22.65	16.50	39.15	54.00	-14.85	AVG			

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 Site: 2# Chamber
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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			

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Test Plot of Band Edge for IC of 802.11b

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Job No.: YULIAH #505

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

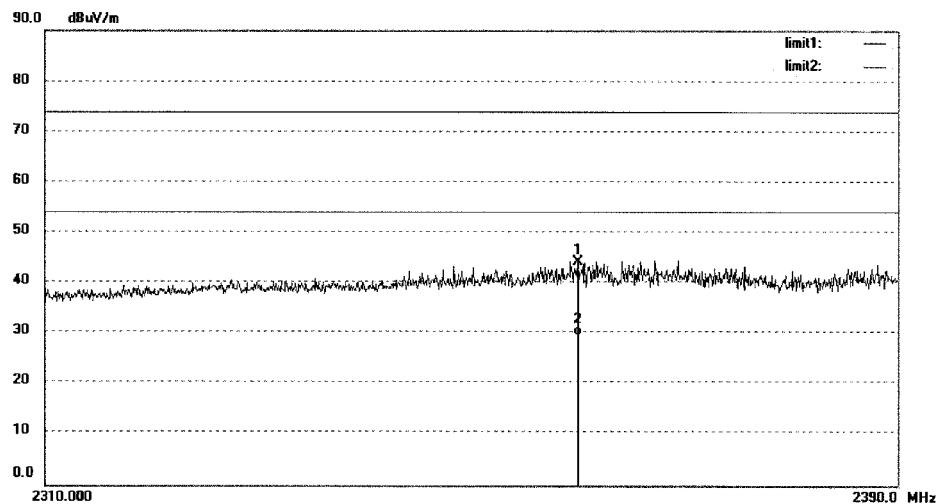
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Test Report No.
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Site: 2# Chamber

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Job No.: YULIAH #642

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

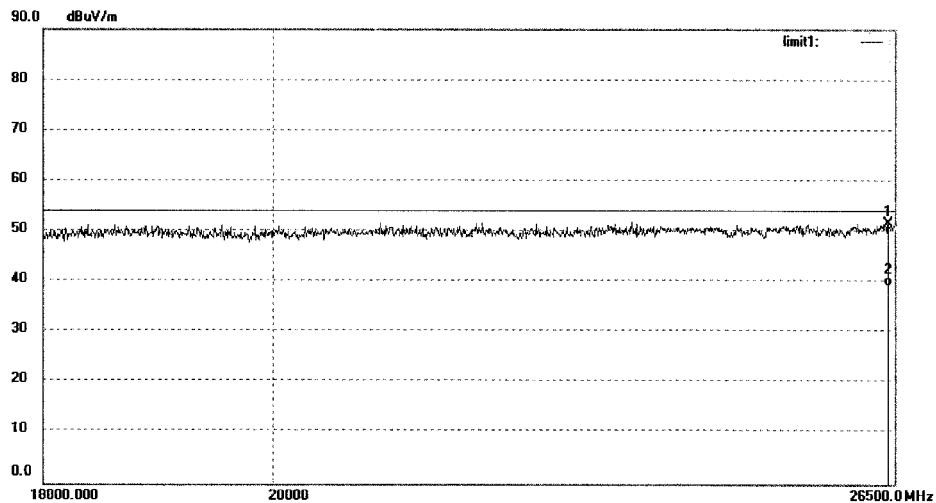
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11b



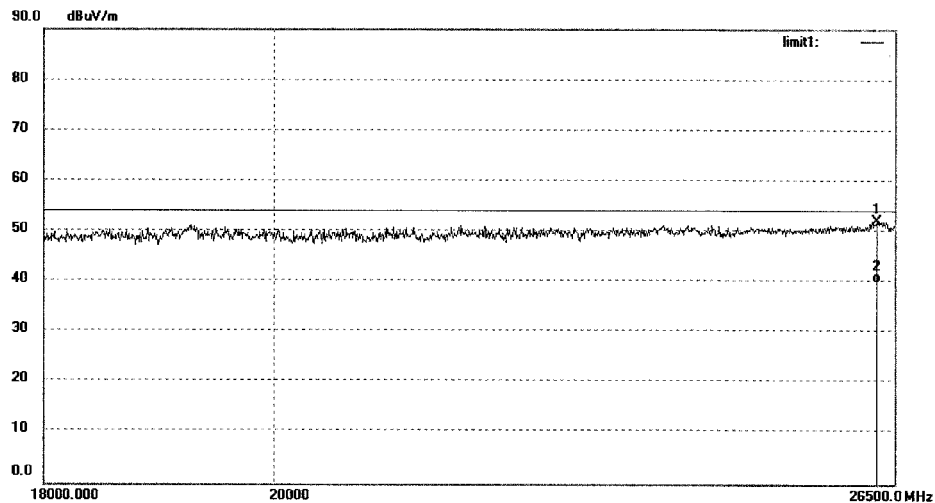
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	35.09	16.50	51.59	74.00	-22.41	peak			
2	26428.207	22.73	16.50	39.23	54.00	-14.77	AVG			

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 Site: 2# Chamber
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 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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Job No.: YULIAH #643

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

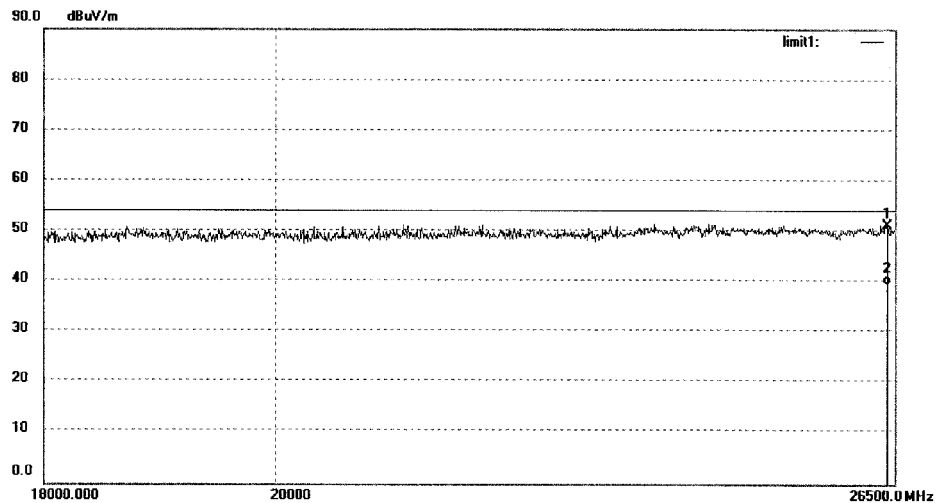
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Fax:+86-0755-26503396

Job No.: YULIAH #513

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

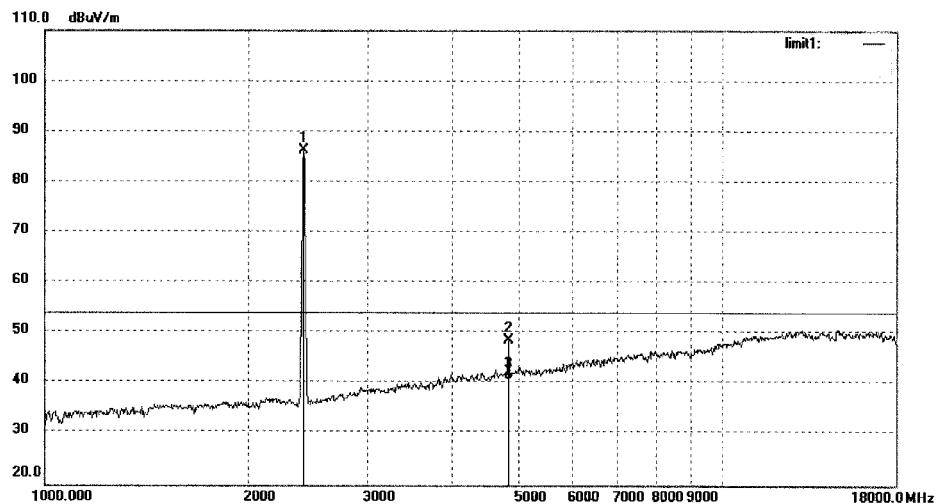
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #514

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

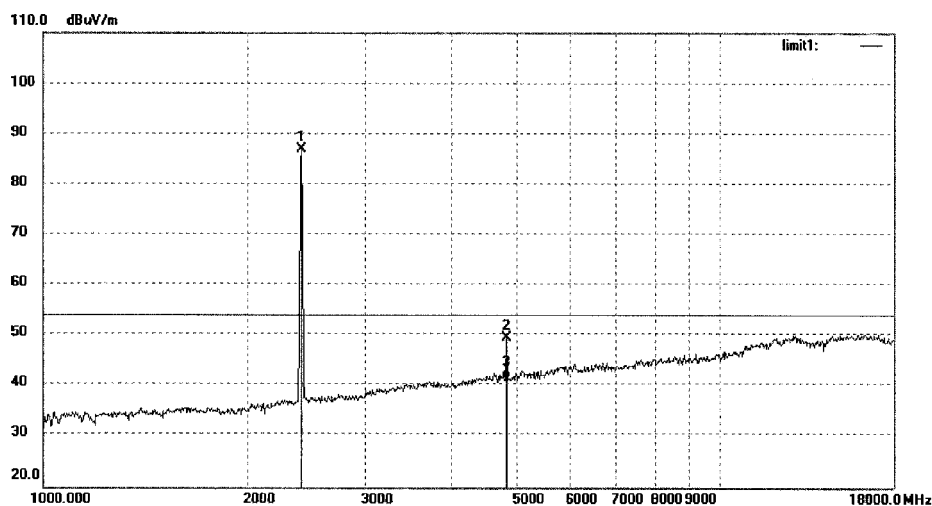
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Tel:+86-0755-26503290

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Job No.: YULIAH #517

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

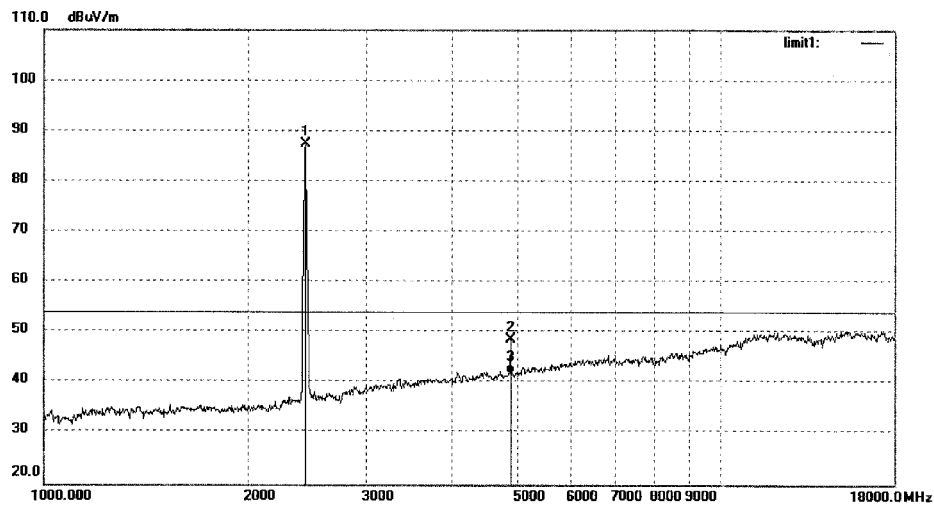
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Fax:+86-0755-26503396

Job No.: YULIAH #518

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

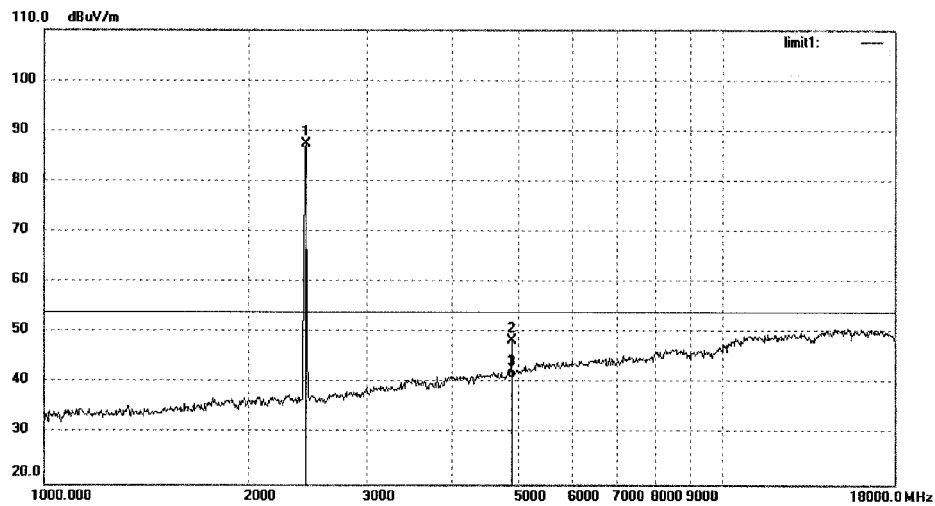
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #520

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

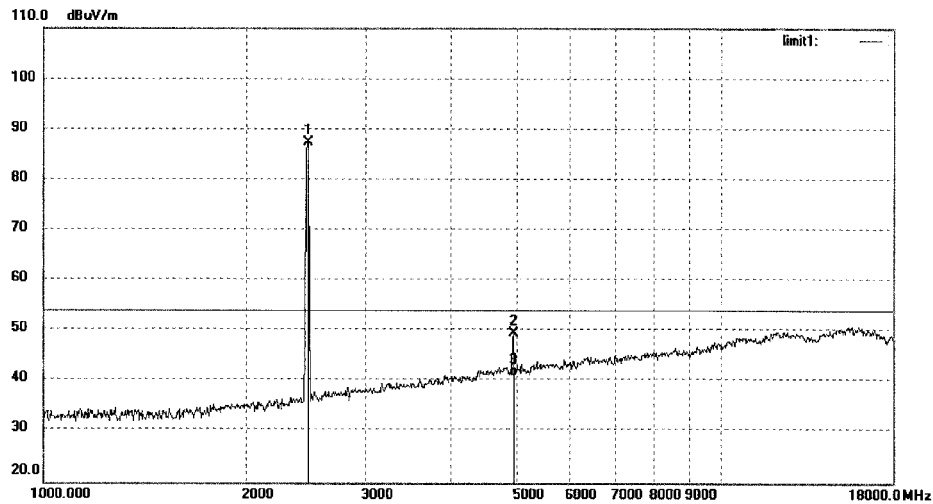
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #519

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

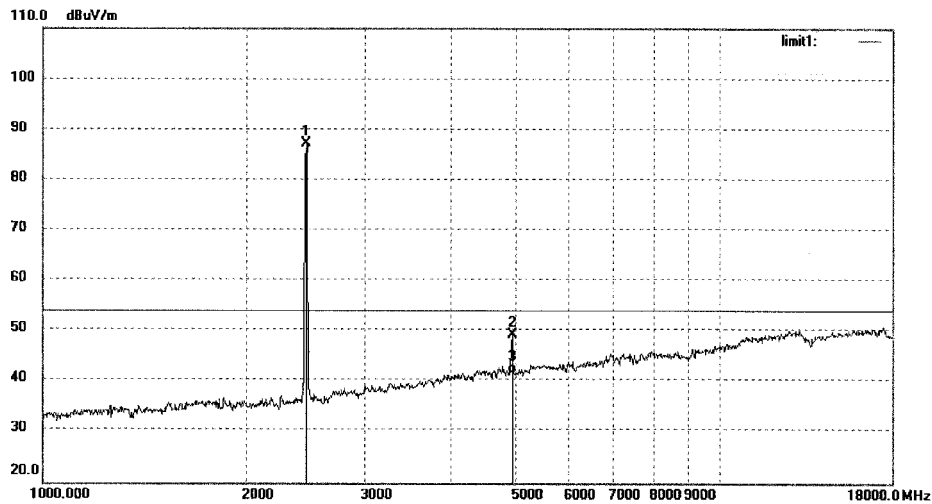
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Tel:+86-0755-26503290

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Job No.: YULIAH #648

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

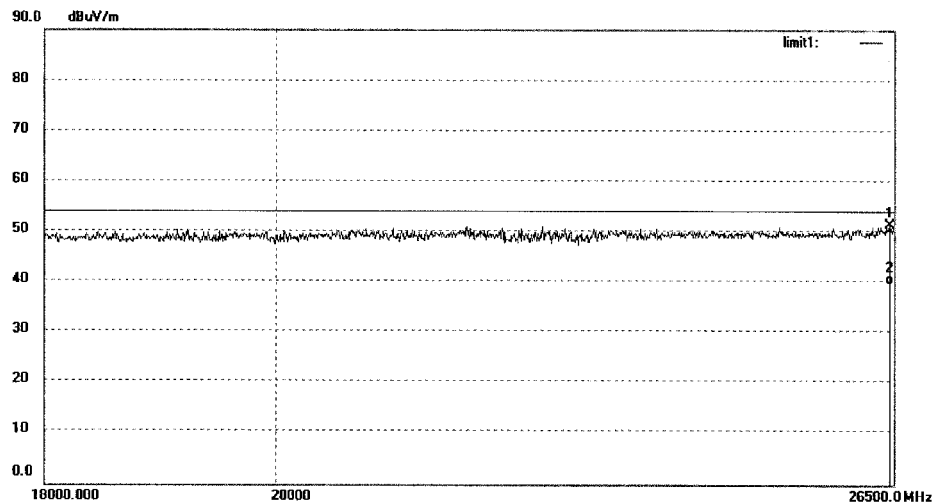
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #647

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

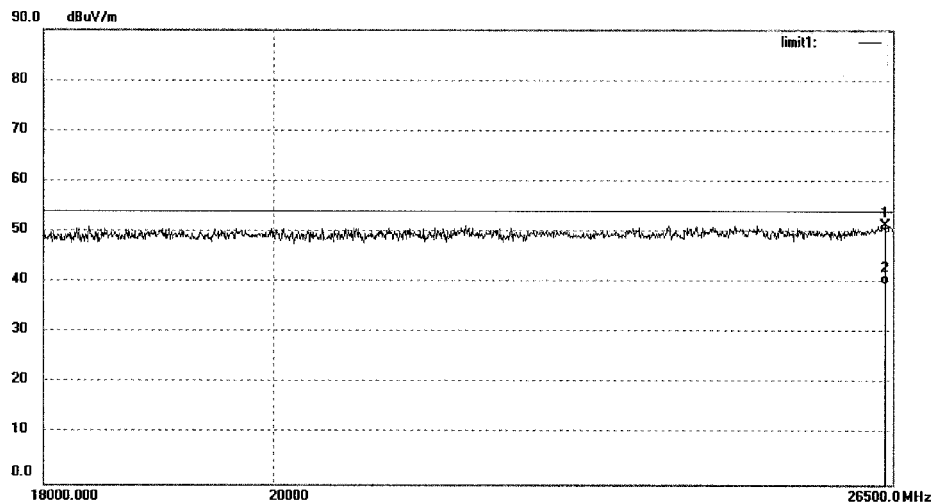
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #649

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

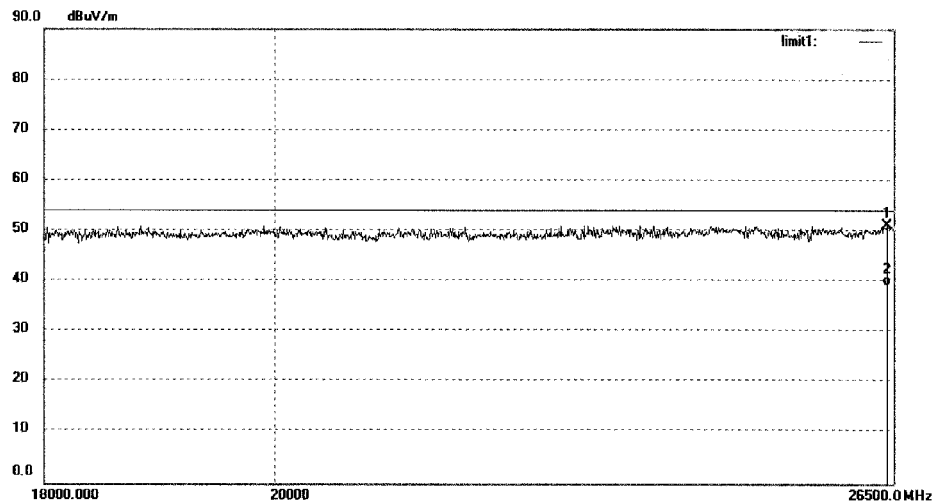
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Job No.: YULIAH #650

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

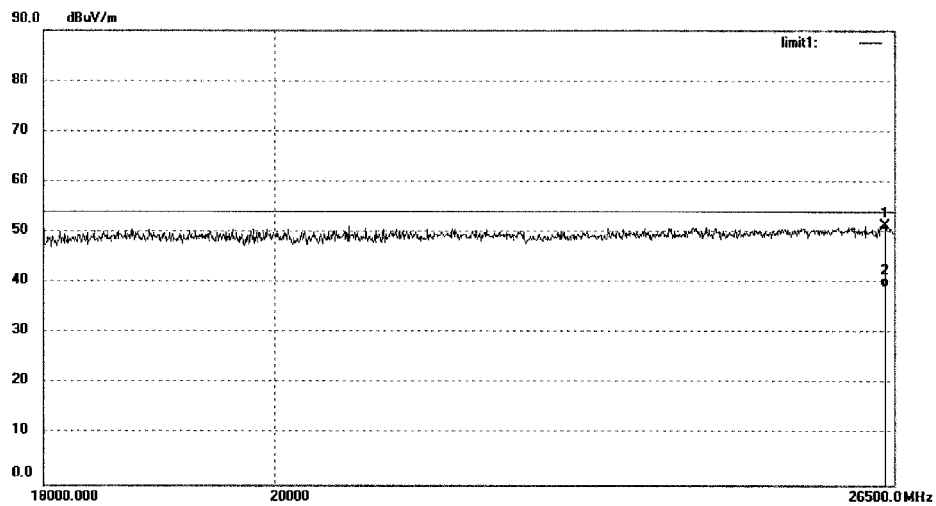
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #651

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

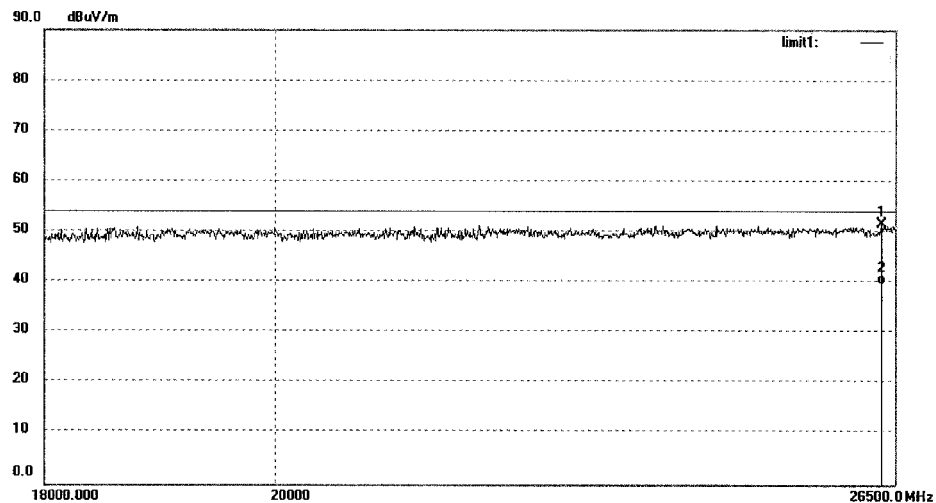
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Job No.: YULIAH #652

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

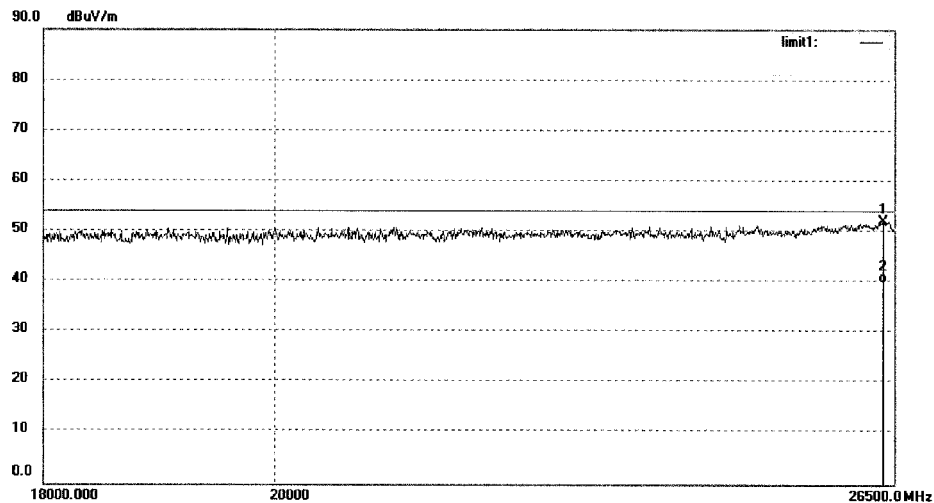
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Test Plot of Band Edge for IC of 802.11g

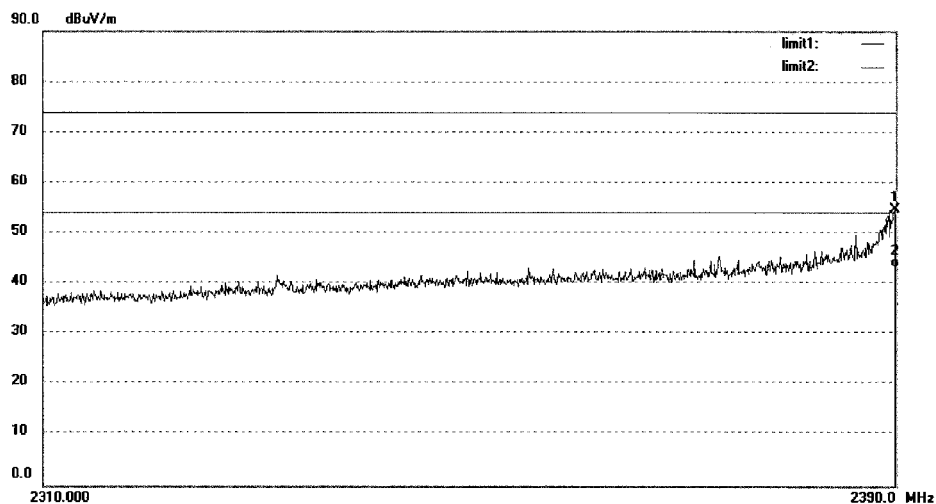
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Job No.: YULIAH #516	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: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



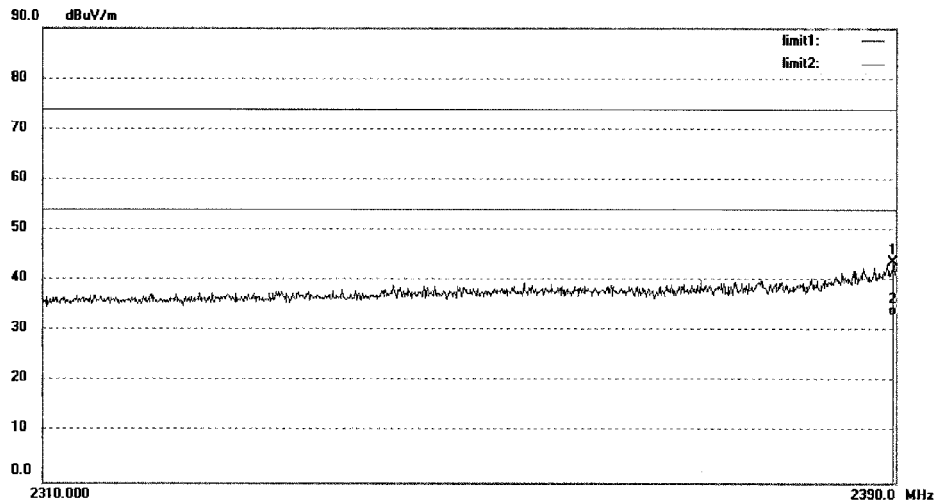
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.920	62.41	-7.53	54.88	74.00	-19.12	peak			
2	2389.920	50.76	-7.53	43.23	54.00	-10.77	AVG			

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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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Job No.: YULIAH #521

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

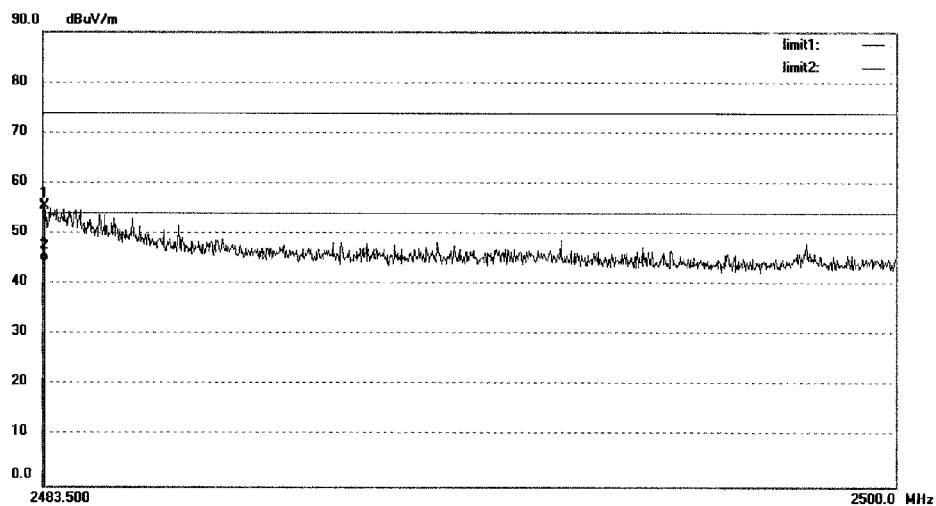
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #522

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

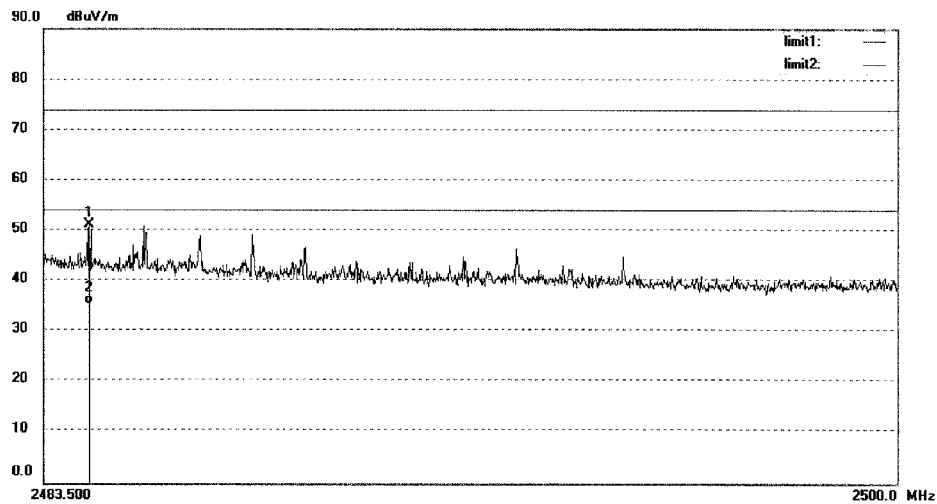
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

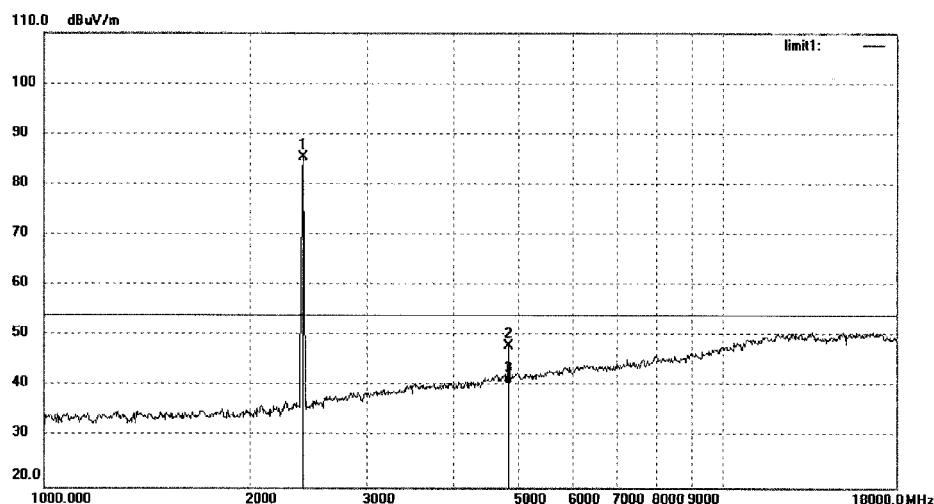
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Fax:+86-0755-26503396

Job No.: YULIAH #523

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

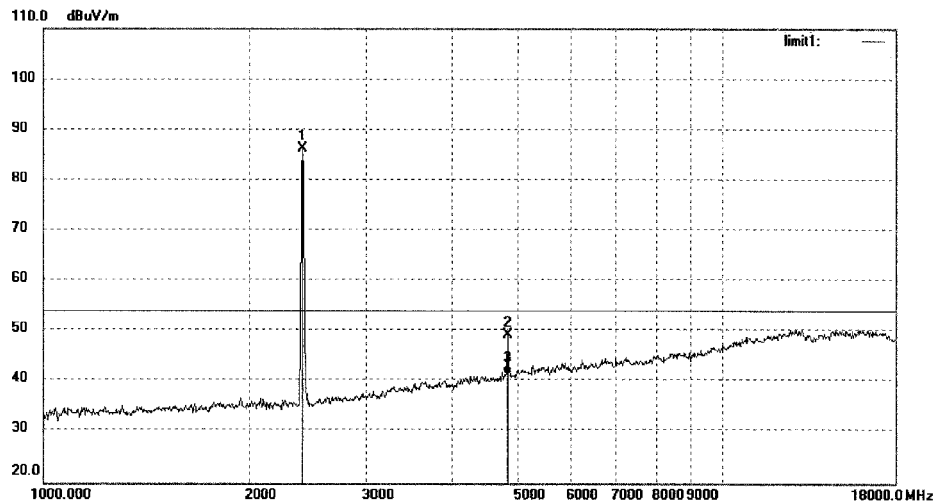
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Fax:+86-0755-26503396

Job No.: YULIAH #528

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

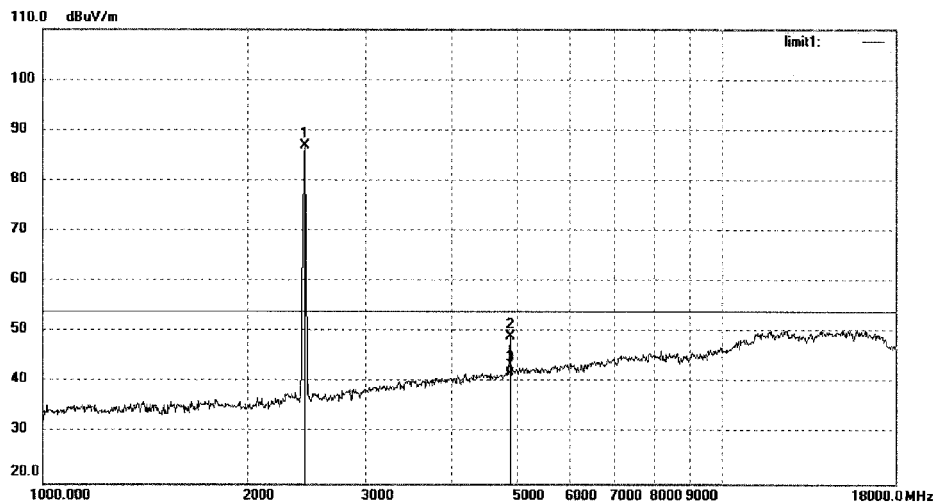
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #527

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

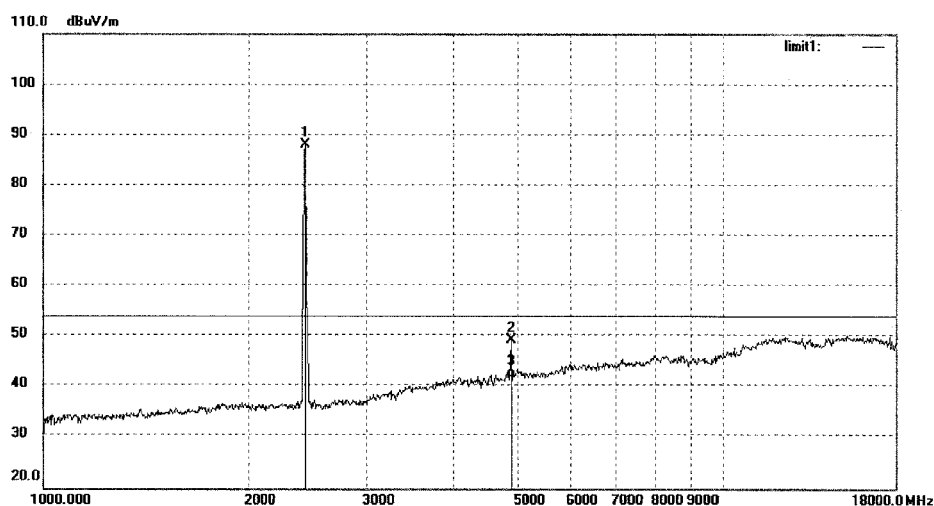
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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

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Job No.: YULIAH #529

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

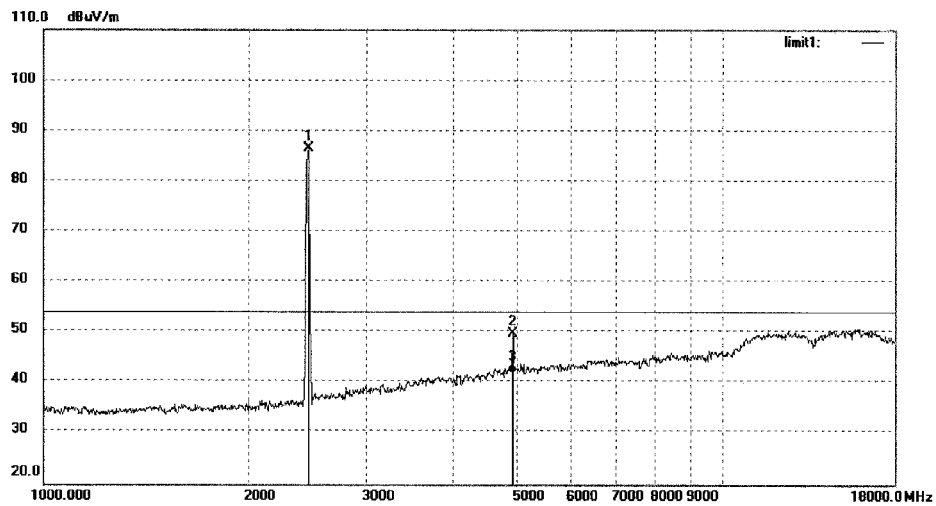
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #530

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

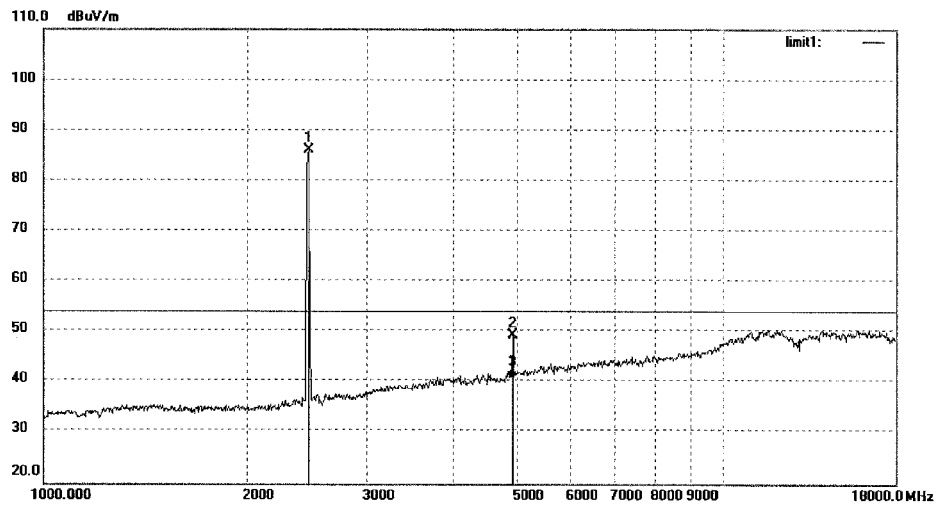
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Site: 2# Chamber

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Job No.: YULIAH #653

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

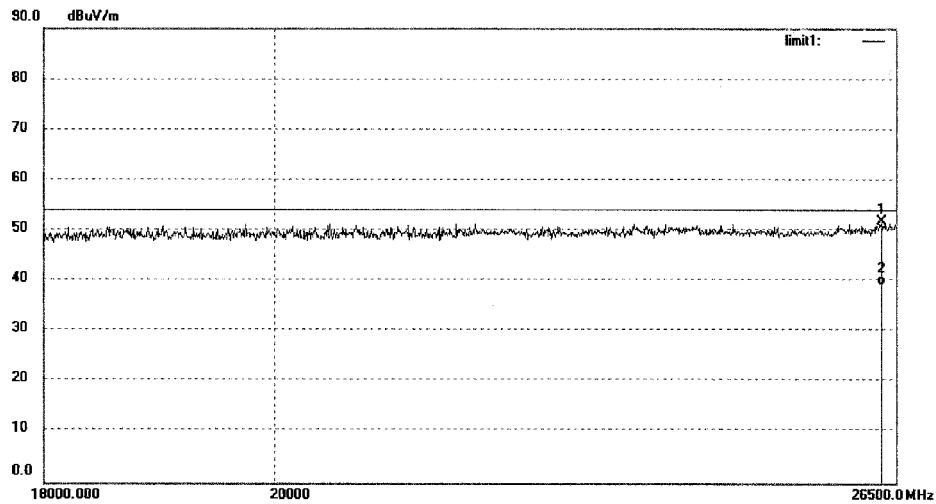
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #654

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

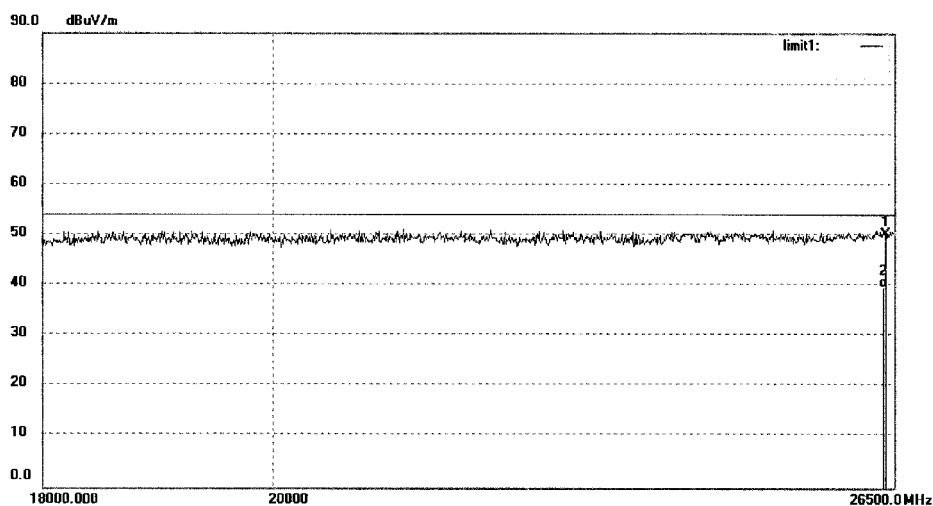
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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Job No.: YULIAH #656

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

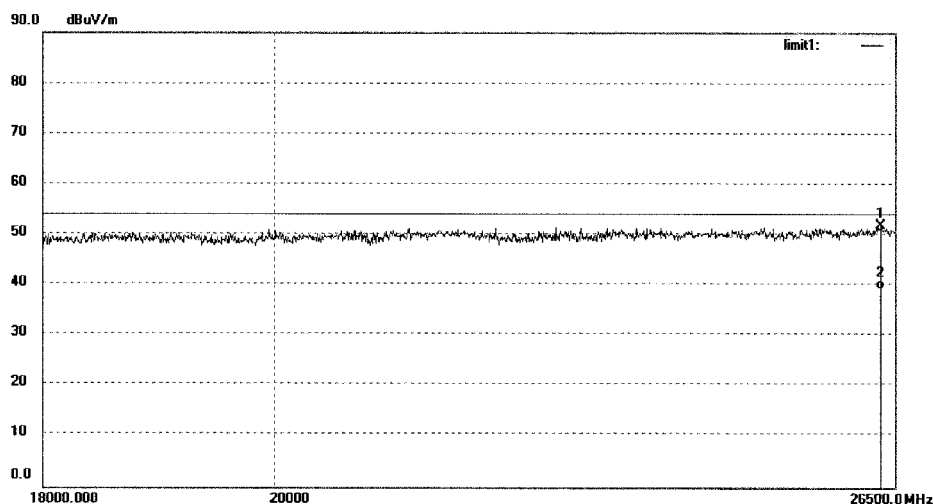
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11n HT20



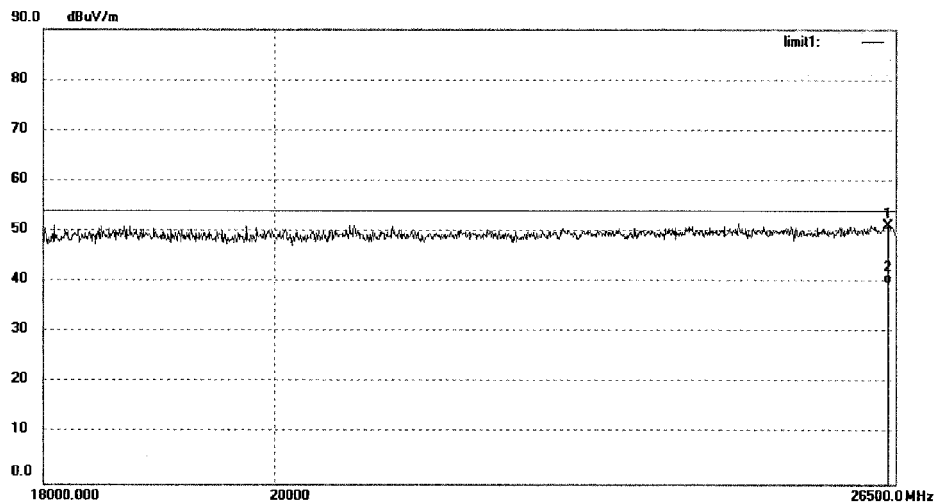
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26336.188	35.27	16.50	51.77	74.00	-22.23	peak			
2	26336.188	22.74	16.50	39.24	54.00	-14.76	AVG			

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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			

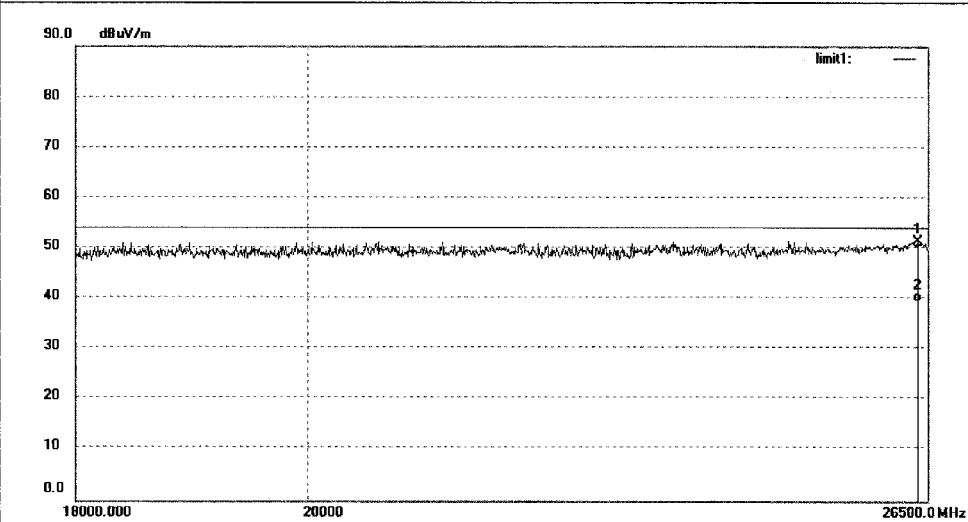
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 Fax:+86-0755-26503396

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			


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Fax:+86-0755-26503396

Job No.: YULIAH #658

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

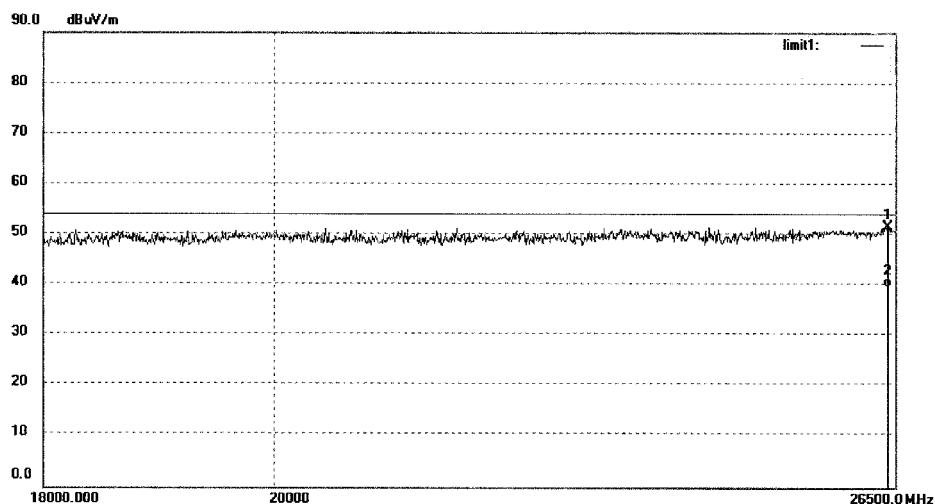
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Test Plot of Band Edge for IC of 802.11n HT20


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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #525

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

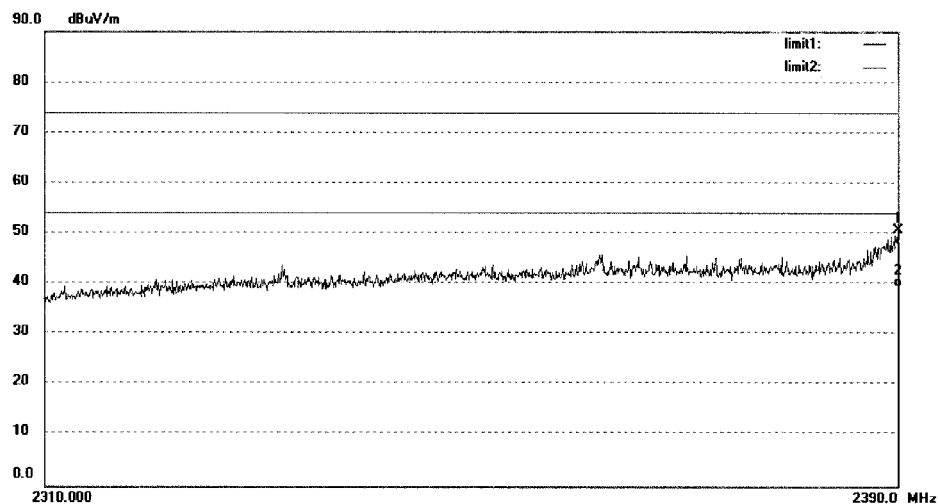
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #526

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2412MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

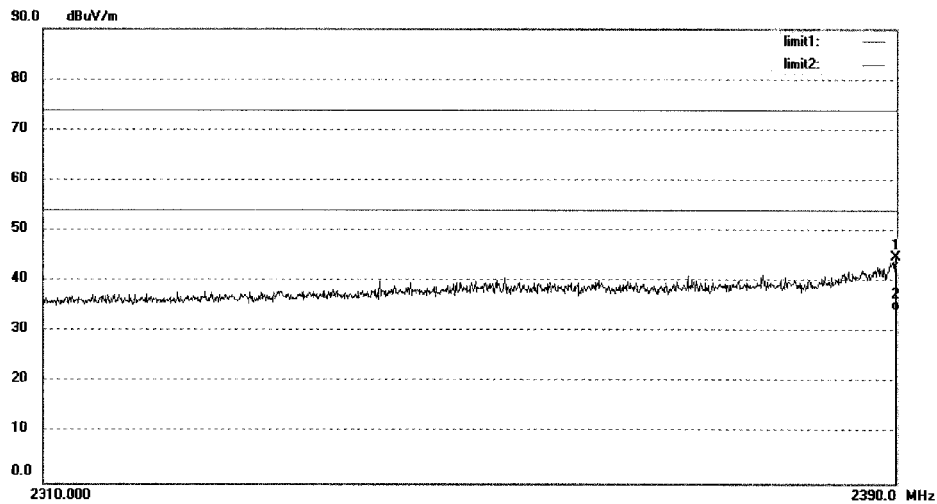
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Site: 2# Chamber

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Job No.: YULIAH #532

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2462MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

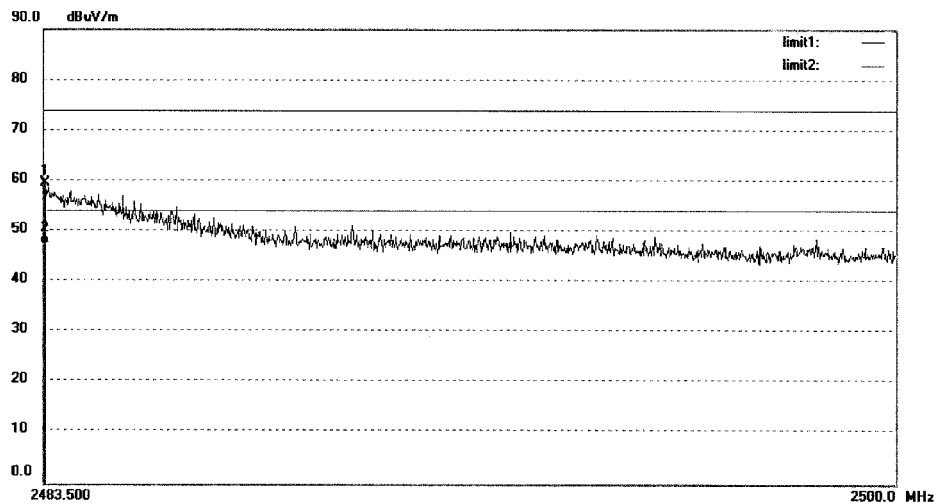
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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
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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

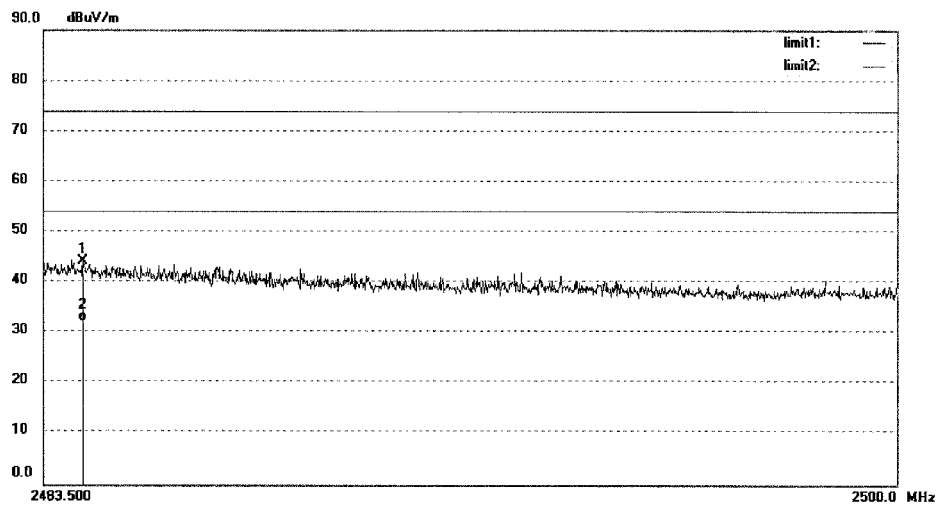
Mode: TX 2462MHz

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 Report No.

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Test Plot of Spurious Emission of above 1GHz 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
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Job No.: YULIAH #533

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2422MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

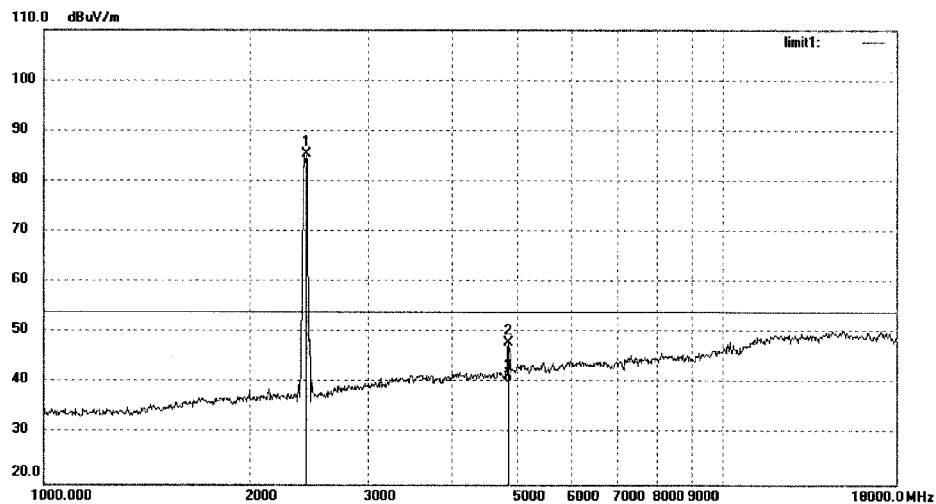
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Fax:+86-0755-26503396

Job No.: YULIAH #534

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2422MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

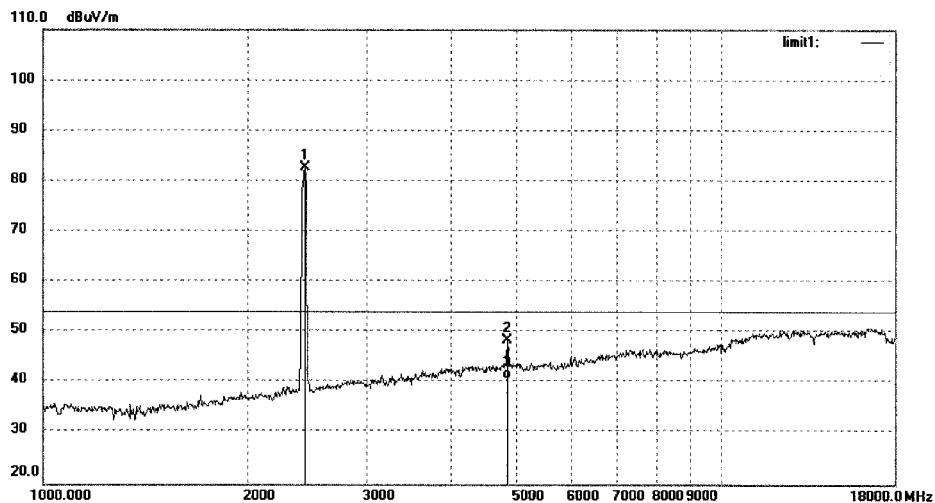
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #537

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

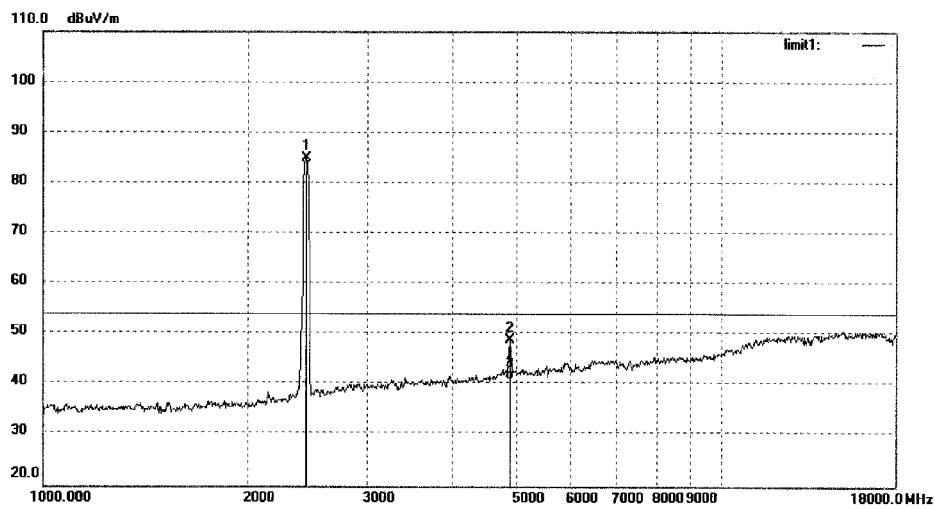
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #538

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

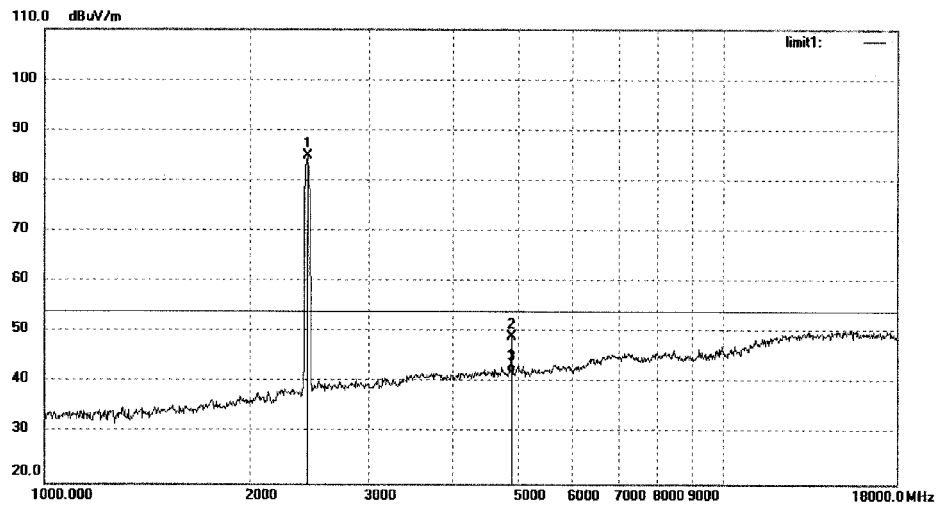
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #540

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2452MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

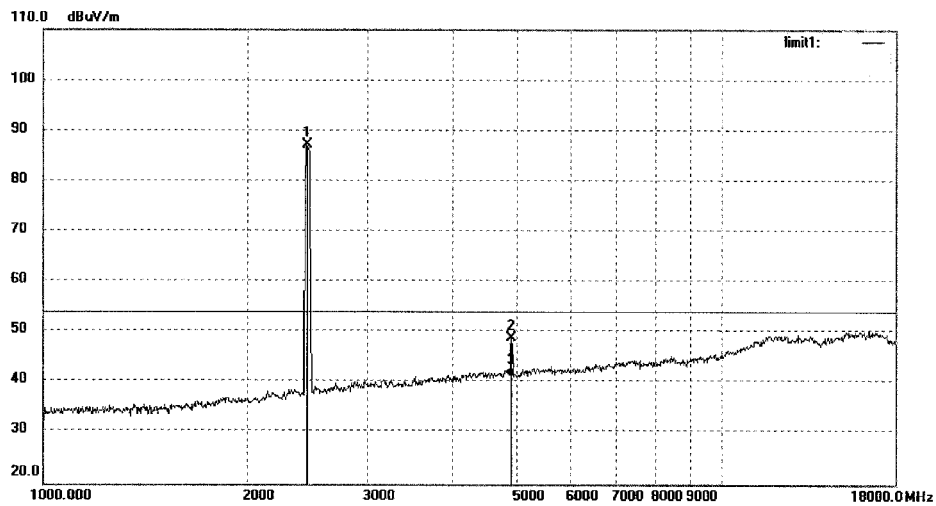
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			


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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

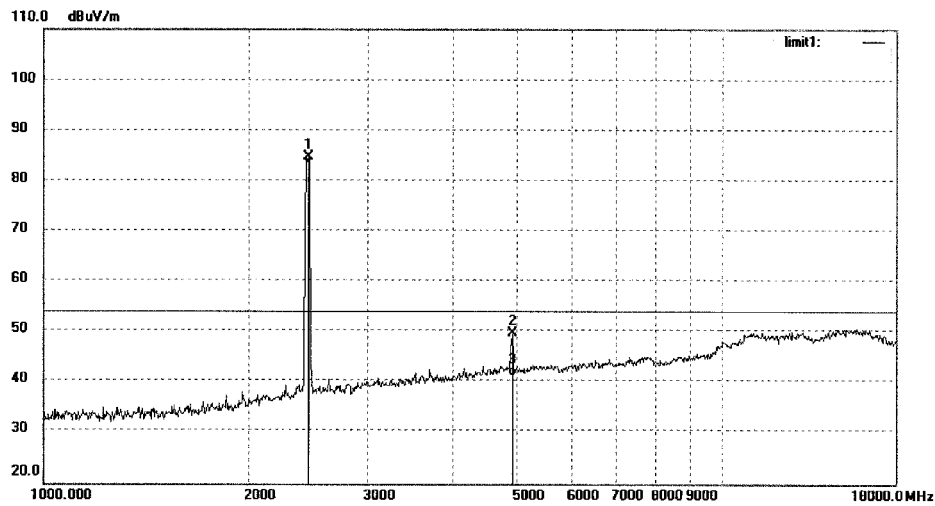
Mode: TX 2452MHz

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			

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Job No.: YULIAH #660

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2422MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

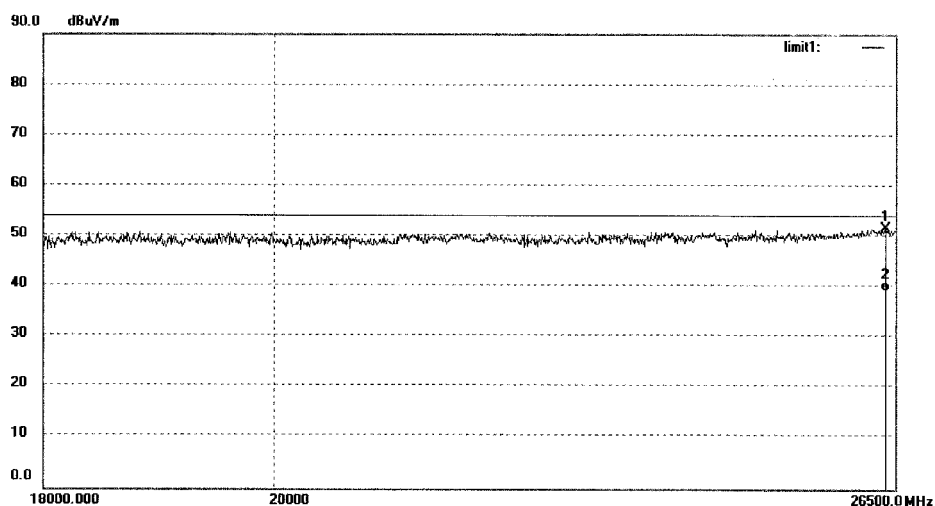
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #659

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2422MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

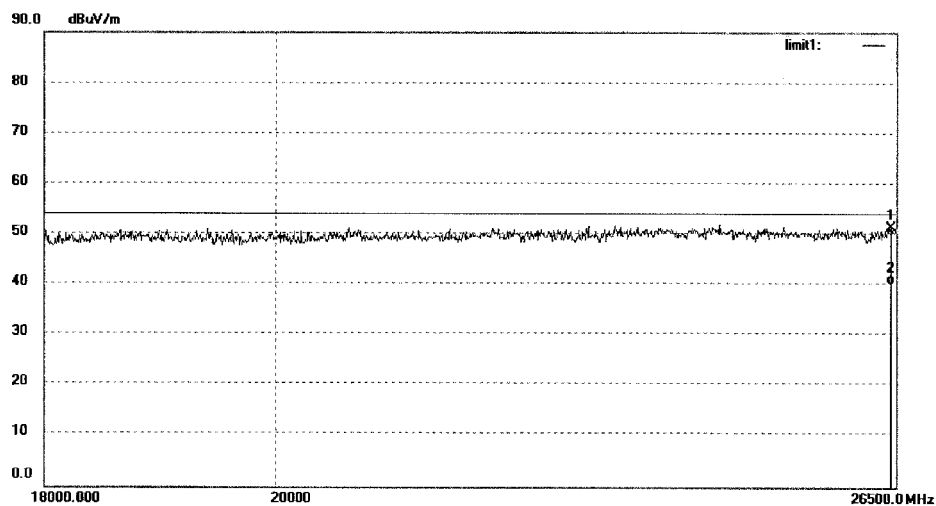
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #661

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

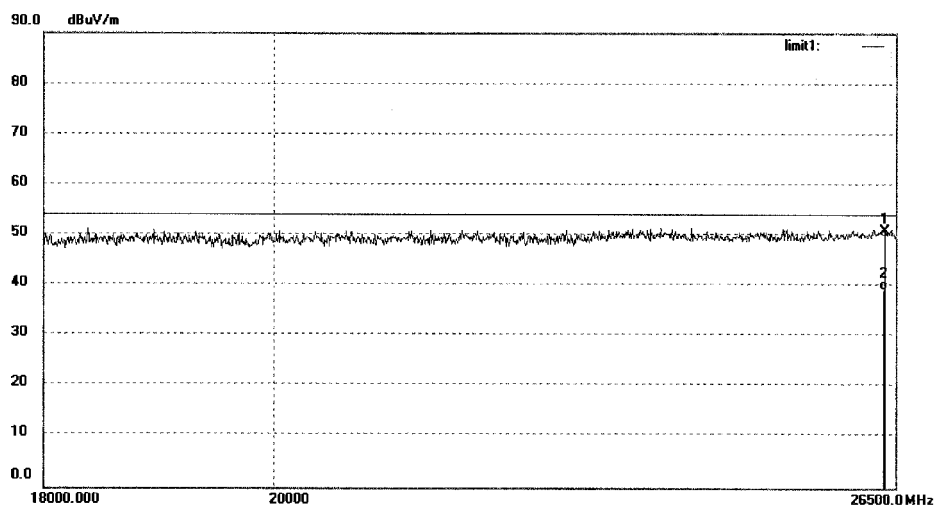
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Job No.: YULIAH #662

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2437MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

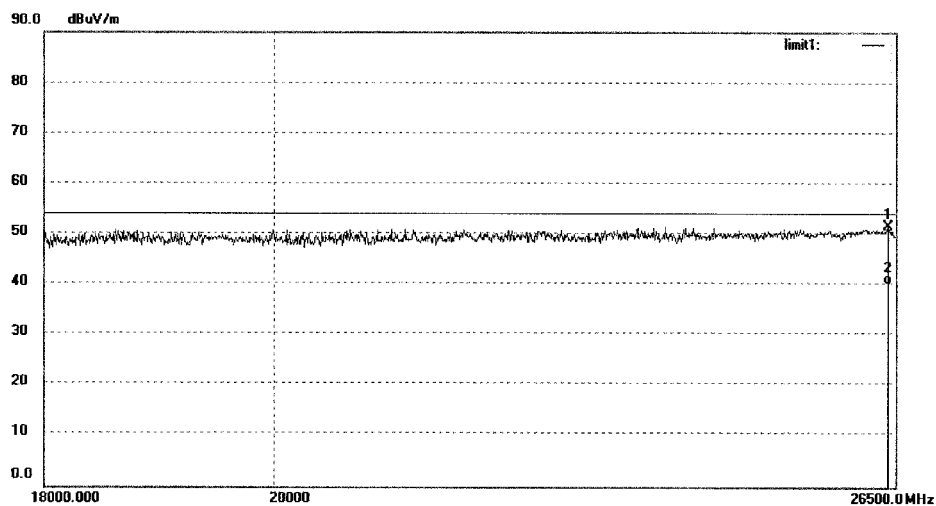
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Tel:+86-0755-26503290

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Job No.: YULIAH #664

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2452MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

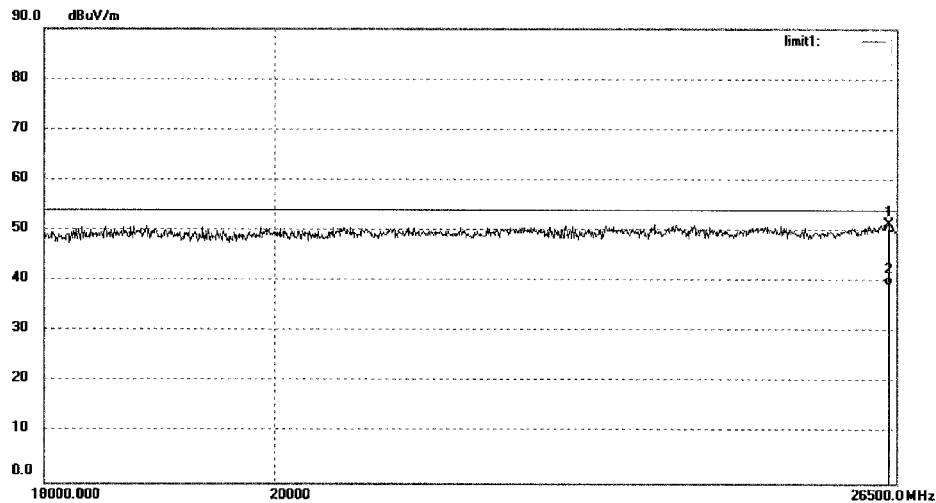
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Site: 2# Chamber

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Job No.: YULIAH #663

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2452MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

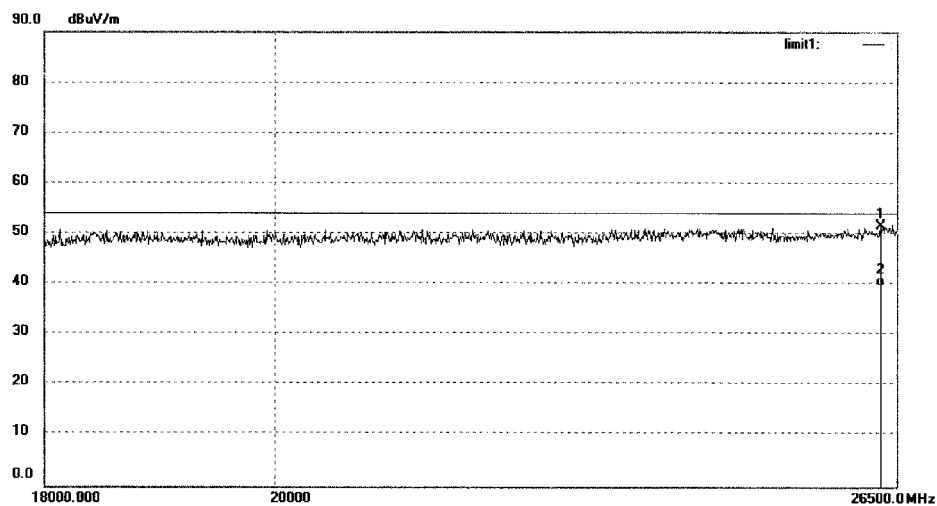
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Test Plot of Band Edge for IC of 802.11n HT40


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Job No.: YULIAH #536

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2422MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

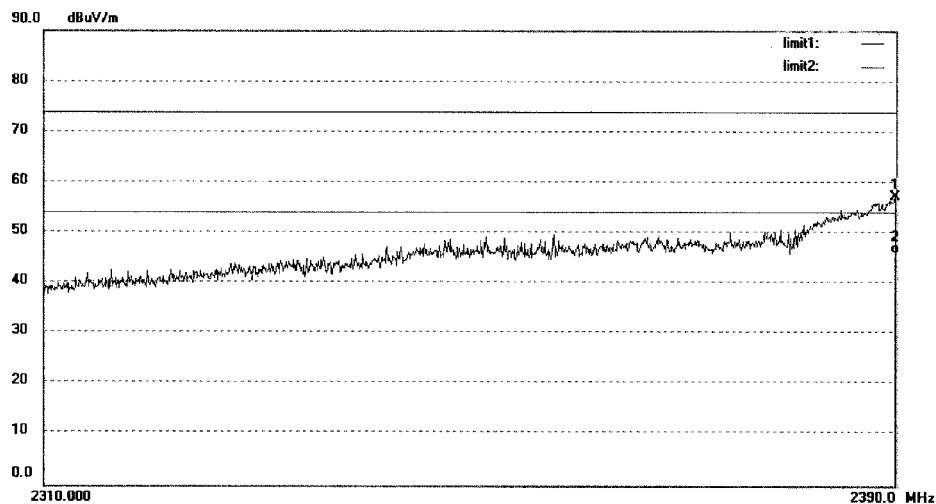
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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Job No.: YULIAH #535

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2422MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

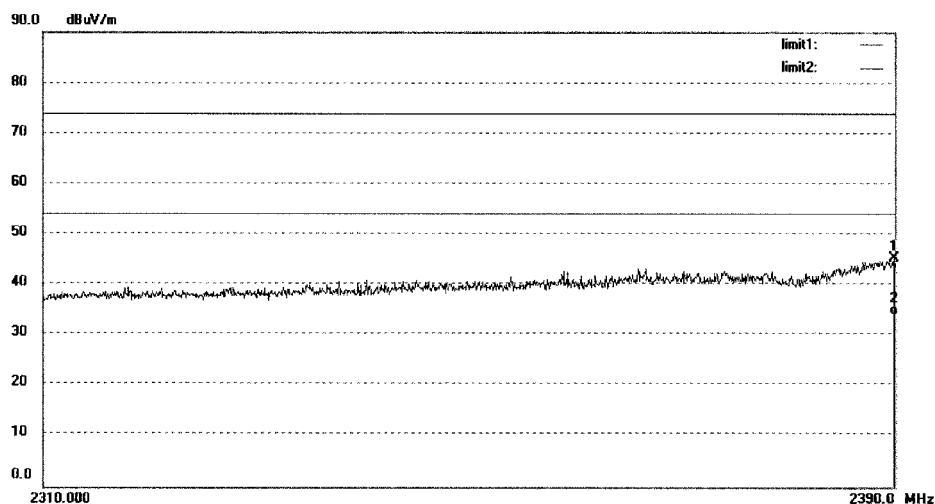
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #541

Standard: FCC PK

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2452MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

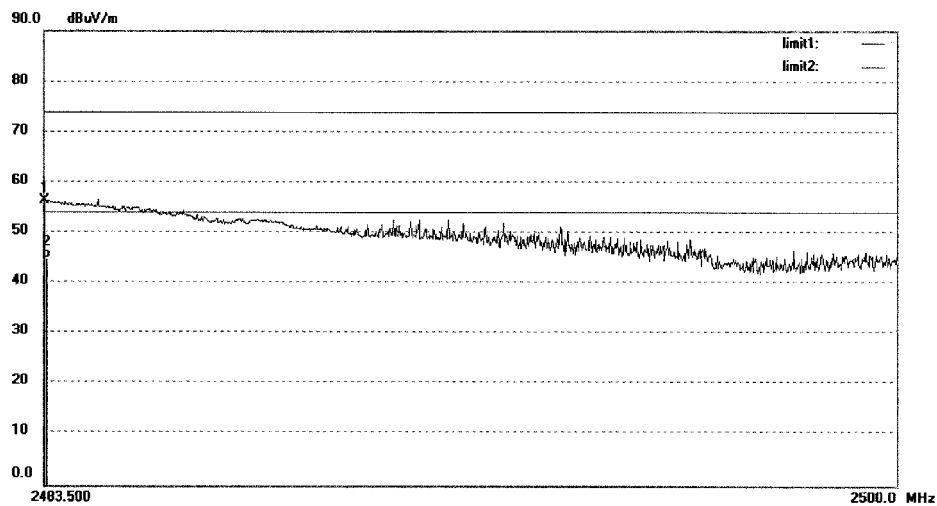
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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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Job No.: YULIAH #542

Standard: FCC PK

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2452MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

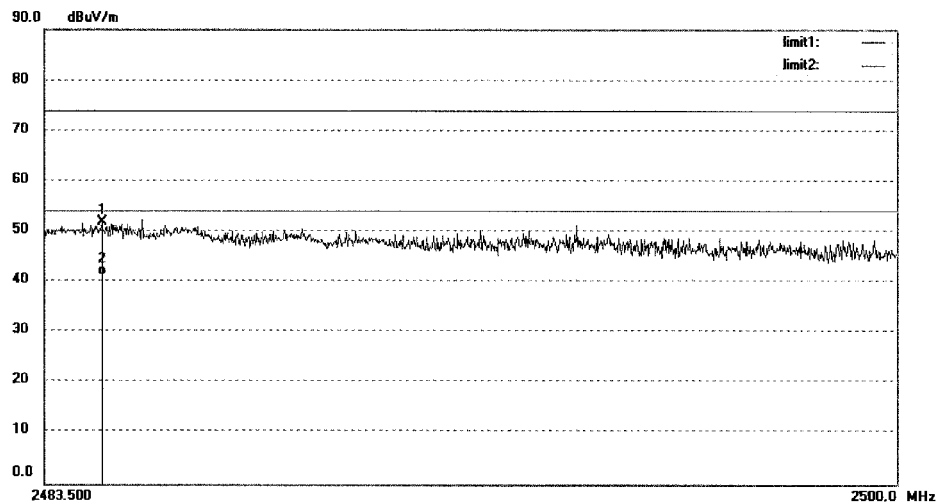
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

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			

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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

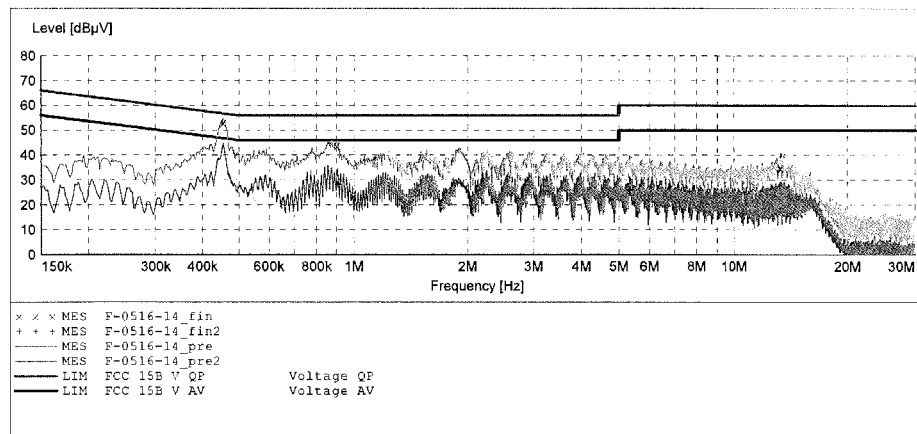
For details refer to following test plot.

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 NSLK8126 2008
 Average


MEASUREMENT RESULT: "F-0516-14_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	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"

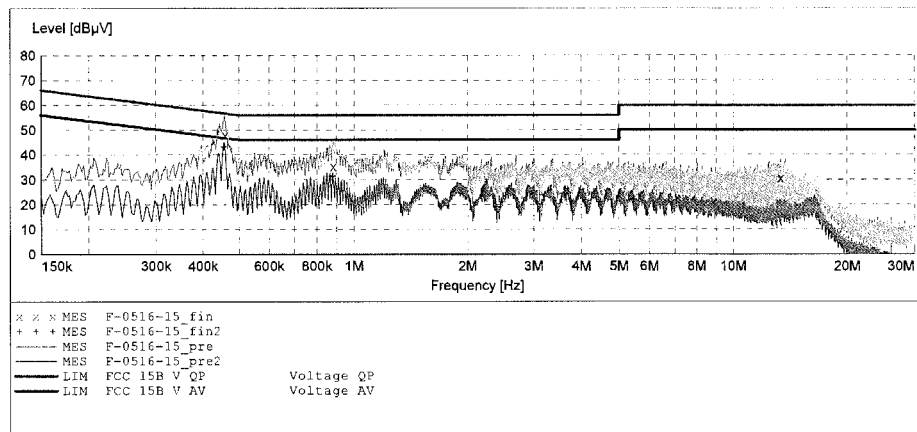
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.454000	43.40	11.4	47	3.4	AV	L1	GND
0.908000	28.10	11.6	46	17.9	AV	L1	GND
5.339000	25.90	11.8	50	24.1	AV	L1	GND

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"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
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"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
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

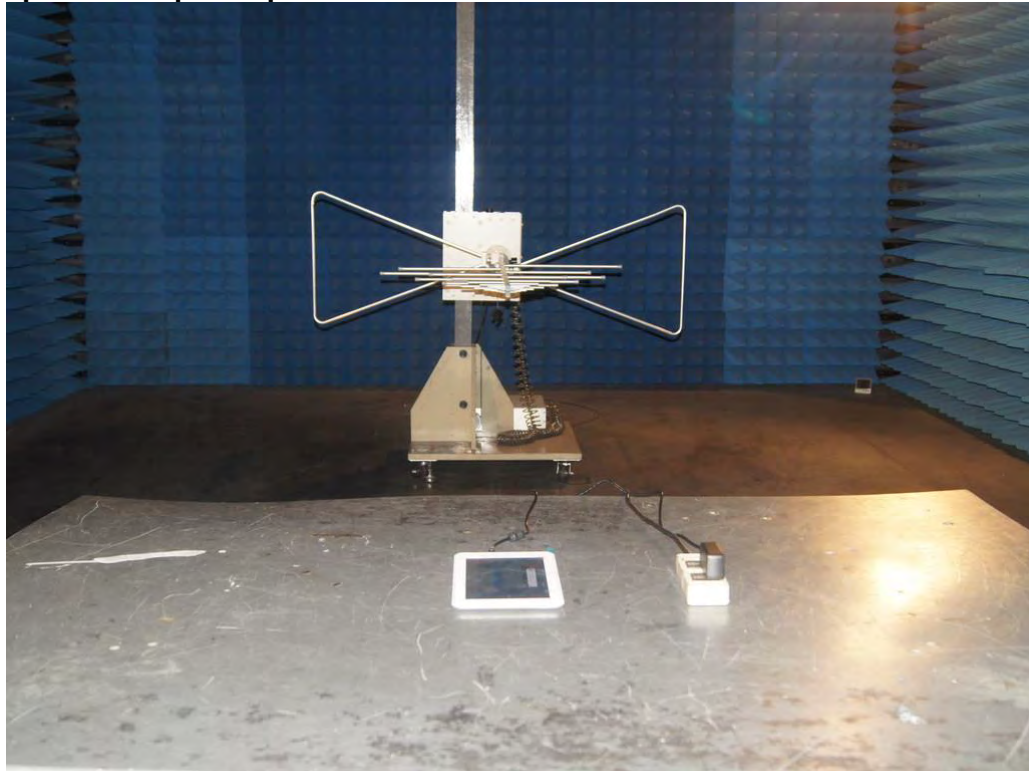
Photograph 1: Set-up for Conducted Emissions



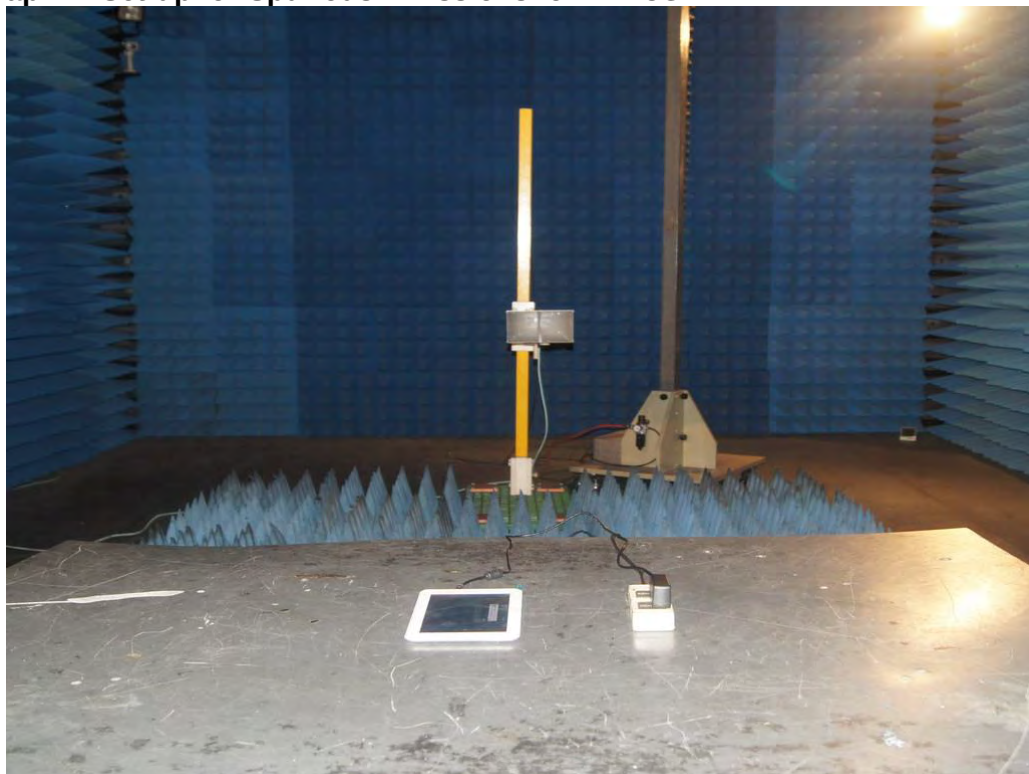
Photograph 2: Set-up for Spurious Emissions for below 30MHz



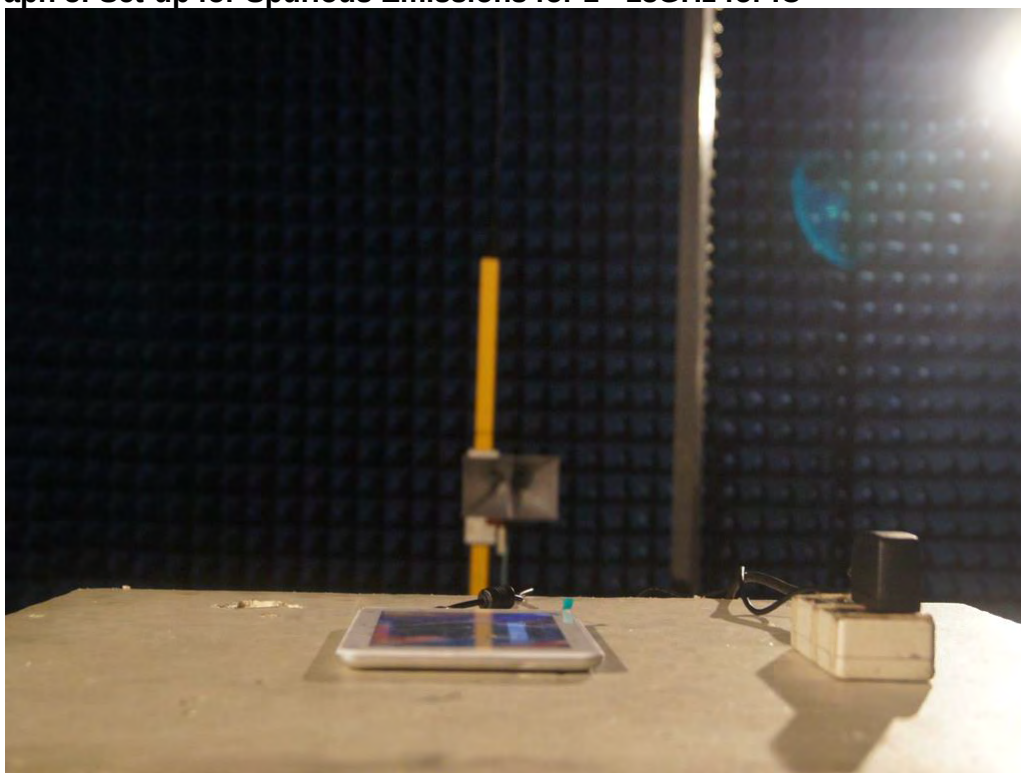
Photograph 3: Set-up for Spurious Emissions for 30 - 1000MHz



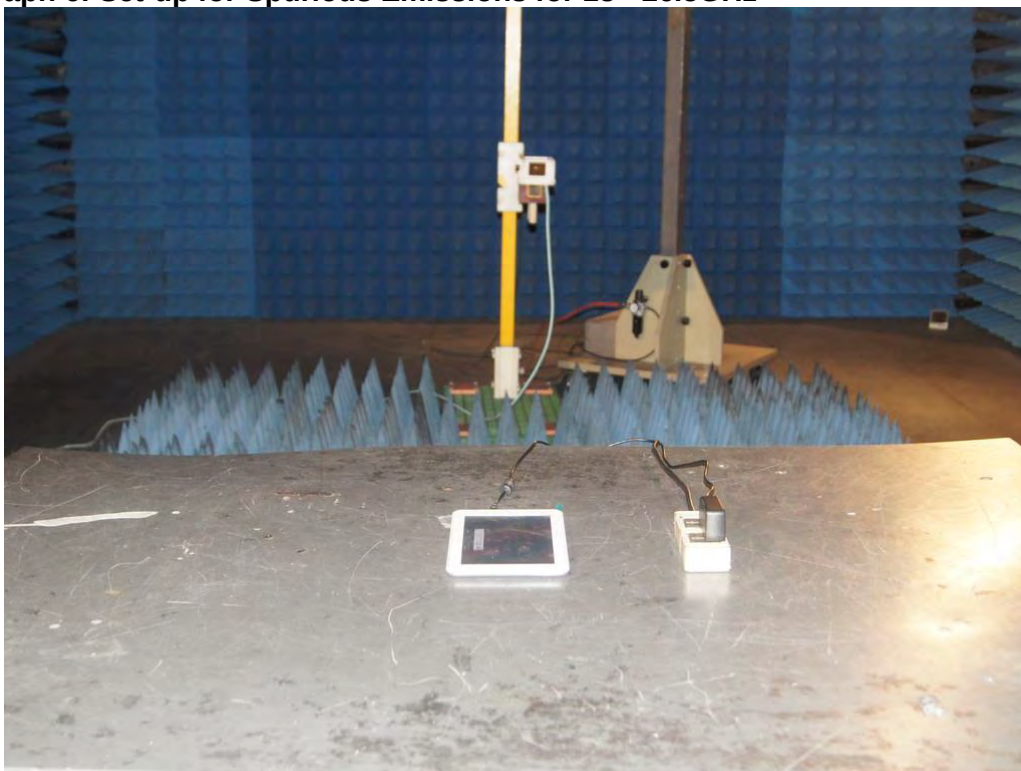
Photograph 4: Set-up for Spurious Emissions for 1 - 18GHz



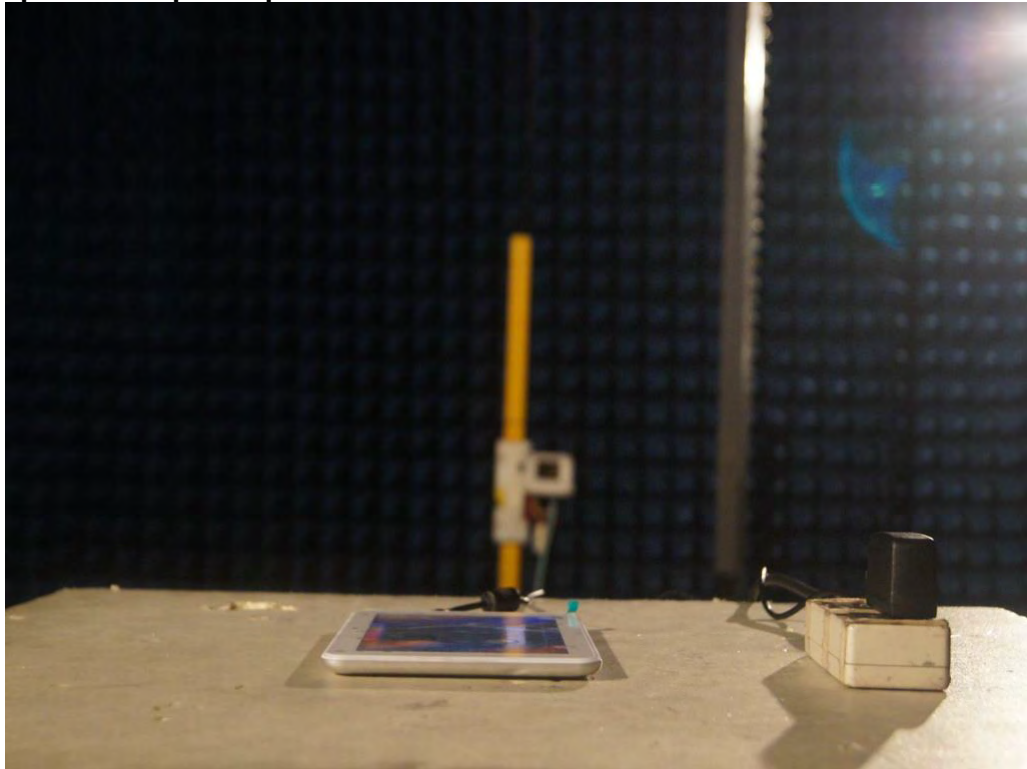
Photograph 5: Set-up for Spurious Emissions for 1 - 18GHz for IC



Photograph 6: Set-up for Spurious Emissions for 18 - 26.5GHz



Photograph 7: Set-up for Spurious Emissions for 18 - 26.5GHz for IC



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