


Prüfbericht-Nr.: <i>Test Report No.:</i>	17048716 003	Auftrags-Nr.: <i>Order No.:</i>	164033146	Seite 1 von 203 <i>Page 1 of 203</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 15.407 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 - 26.05.2015				
Ort der Prüfung: <i>Place of testing:</i>	Accurate Technology Co., Ltd. Shenzhen Academy of Metrology and Quality Inspection				
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.				
Prüfresultat*: <i>Test result*:</i>	Pass				
geprüft von / tested by:			kontrolliert von / reviewed by:		
26.05.2015	Owen Tian/Senior Project Manager		26.05.2015	Winnie Hou/Technical Certifier	
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>
Sonstiges / Other:					
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 P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar	5 = mangelhaft N/T = nicht getestet
Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory F(ail) = failed a.m. test specification(s)	4 = sufficient N/A = not applicable	5 = poor 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 26dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.4 6dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.5 POWER SPECTRAL DENSITY***RESULT: Pass***5.1.6 OUTSIDE BAND EMISSIONS***RESULT: Pass***5.1.7 SPURIOUS EMISSION***RESULT: Pass***5.1.8 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

Shenzhen Academy of Metrology and Quality Inspection

(FCC Registration No.: 979748)
(Test site Industry Canada No.: 144376)

NETC Building, No. 4 Tongfa Rd., Xili, Nanshan, Shenzhen, 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
Transmitter spurious emissions & Receiver spurious emissions (SMQ) (for 26.5 - 40GHz)				
EMI Receiver	Rohde & Schwarz	ESCI3	SB9058/05	2016-05-02
EMI Receiver	Rohde & Schwarz	ESU40	SB8501/09	2016-05-14
Horn Antenna	Rohde & Schwarz	3160-10	SB8501/12	2016-05-14
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	< ± 0.60 dB
Radiated emission of transmitter, valid up to 40 GHz	< ± 4.42 dB
Conducted Emission	< ± 2.23 dB
Radiated Emission	< ± 4.42 dB

2.6 Location of Original Data

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

2.7 Status of Facility Used for Testing

Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, P.R. China and Shenzhen Academy of Metrology and Quality Inspection test facility located at NETC Building, No. 4 Tongfa Rd., Xili, Nanshan, Shenzhen, China are 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	5180 – 5240MHz, 5745 – 5825MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)
Antenna Gain	2.3dBi

Table 4: Technical Specification of Wi-Fi

Item	Description (IEEE 802.11a)
Operating Frequency band (MHz)	5180 – 5240MHz, 5745 – 5825MHz
Channel Number	9
Modulation	OFDM (BPSK, QPSK, 16-QAM, 64-QAM)
Data Rate (Mbps)	6, 9, 12, 18, 24, 36, 48, 54
Transmitter Output Power (Typical) (dBm)	11
Media Access Protocol	CSMA/CA with ACK

Table 5: Carrier Frequency of 802.11a

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5180 – 5240MHz, 5745 – 5825MHz	36	5180 MHz	153	5765 MHz
	40	5200 MHz	157	5785 MHz
	44	5220 MHz	161	5805 MHz
	48	5240 MHz	165	5825 MHz
	149	5745 MHz		

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wi-Fi mode (5180 – 5240MHz)
 - 1. Transmitting
 - a. Low Channel
 - b. High Channel
 - 2. Receiving
- B. On, Wi-Fi mode (5745 – 5825MHz)
 - 1. Transmitting
 - a. Low Channel
 - b. High Channel
 - 2. Receiving
- C. Standby
- D. 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

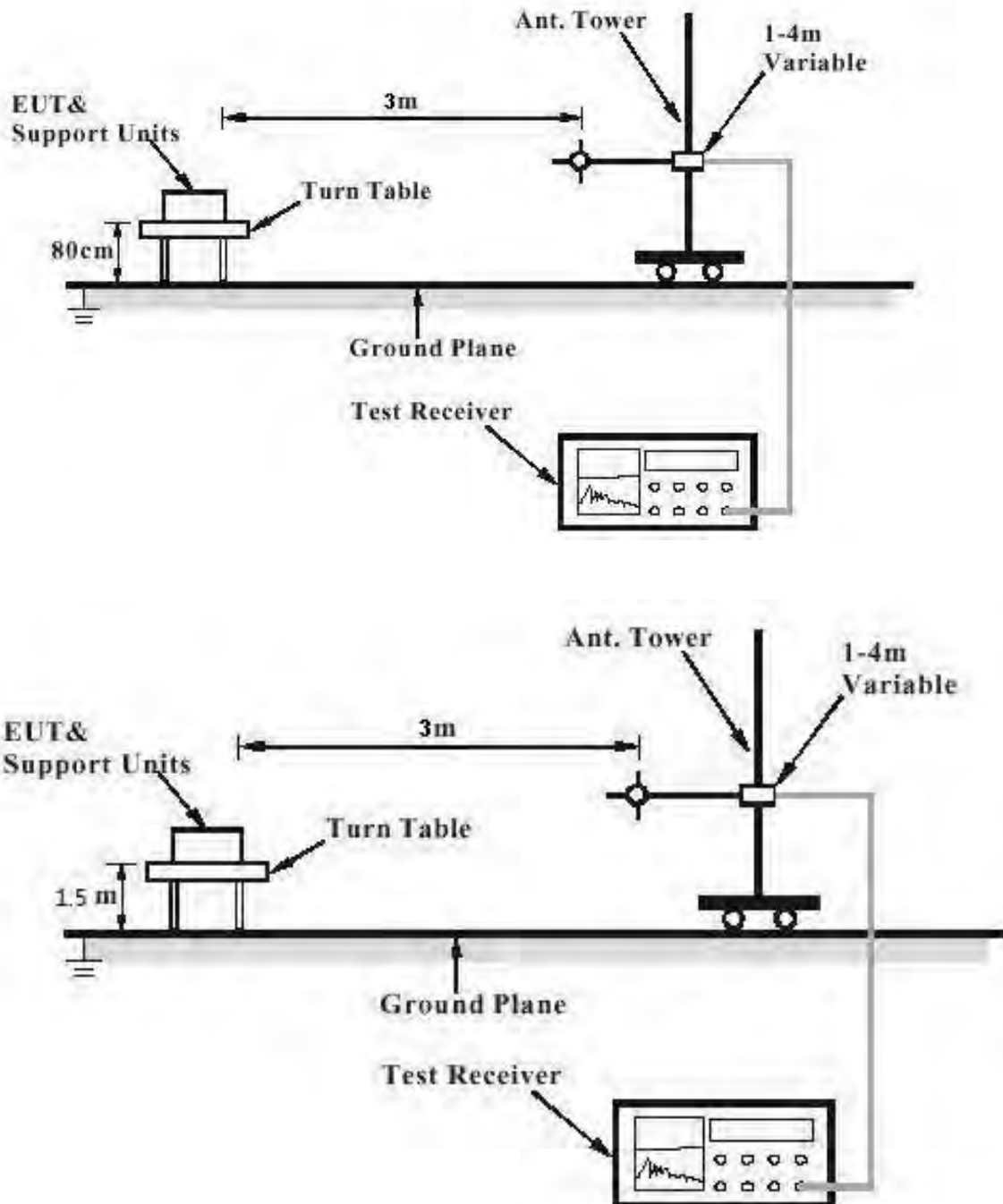


Diagram of Measurement Equipment Configuration for Conduction Measurement

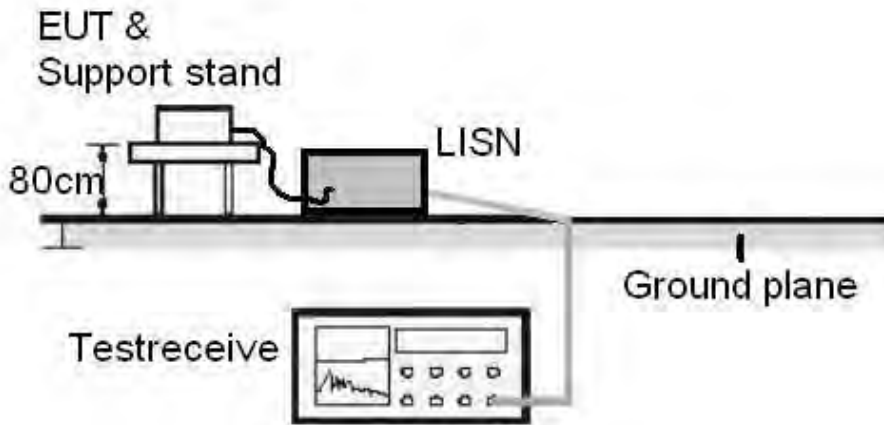
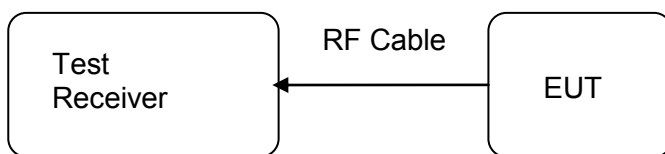


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard : FCC 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 2.3dBi, 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 : 2015-05-15
 Test standard : FCC Part 15.407(a)(1)
 : FCC Part 15.407(a)(3)
 : RSS-210 A9.2(1) for 5180 – 5240MHz
 : RSS-210 A8.4(4) for 5745 – 5825MHz
 Basic standard : ANSI C63.4: 2003
 : ANSI C63.4: 2014
 : ANSI C63.10: 2013
 Limit : 1W for FCC
 : 10+10log₁₀B (5180 – 5240MHz) for IC (B = 17.8MHz)
 : 1W (5745 – 5825MHz) for IC
 Kind of test site : Shielded room

Test setup

Test Channel : All channel
 Operation Mode : A.1, B.1
 Ambient temperature : 25°C
 Relative humidity : 52%
 Atmospheric pressure : 101kPa

Table 6: Test result of Peak Output Power of 802.11a for FCC

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
36	5180	7.7	30
40	5200	7.9	30
44	5220	7.2	30
48	5240	7.0	30
149	5745	10.11	30
153	5765	10.51	30
157	5785	10.27	30
161	5805	10.44	30
165	5825	10.12	30

Table 7: Test result of Peak Output Power of 802.11a for IC

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
36	5180	7.7	22.5
40	5200	7.9	22.5
44	5220	7.2	22.5
48	5240	7.0	22.5
149	5745	10.11	30
153	5765	10.51	30
157	5785	10.27	30
161	5805	10.44	30
165	5825	10.12	30

5.1.3 26dB Bandwidth and 99% Bandwidth

RESULT:
Pass

Date of testing : 2015-05-15
 Test standard : FCC Part 15.407(a)(5)
 : RSS-210 A9.2
 Basic standard : ANSI C63.4: 2003
 : ANSI C63.4: 2014
 : ANSI C63.10: 2013
 Kind of test site : Shielded room

Test setup

Test Channel : All channel
 Operation Mode : A.1
 Ambient temperature : 25°C
 Relative humidity : 52%
 Atmospheric pressure : 101kPa

Table 8: Test result of 26dB & 99% Bandwidth of 802.11a

Channel	Channel Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	33.140	17.844
40	5200	31.476	17.844
44	5220	32.417	17.800
48	5240	31.693	17.800

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5.1.4 6dB Bandwidth and 99% Bandwidth

RESULT:
Pass

Date of testing : 2015-05-15
 Test standard : FCC Part 15.407(e)
 : RSS-210 A8.2(a)
 Basic standard : ANSI C63.4: 2003
 : ANSI C63.4: 2014
 : ANSI C63.10: 2013
 Limit : 500kHz for 6dB bandwidth
 Kind of test site : Shielded room

Test setup

Test Channel : All channel
 Operation Mode : B.1
 Ambient temperature : 25°C
 Relative humidity : 52%
 Atmospheric pressure : 101kPa

Table 9: Test result of 6dB & 99% Bandwidth of 802.11a

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	99% Bandwidth (MHz)
149	5745	17.713	0.5	17.627
153	5765	17.699	0.5	17.627
157	5785	17.728	0.5	17.627
161	5805	17.757	0.5	17.670
165	5825	17.713	0.5	17.627

5.1.5 Power spectral density

RESULT:
Pass

Date of testing : 2015-05-15
 Test standard : FCC Part 15.407(a)(1)
 : FCC Part 15.407(a)(3)
 : RSS-210 A9.2(1) for 5180 – 5240MHz
 : RSS-210 A8.2(b) for 5745 – 5825MHz
 Basic standard : ANSI C63.4: 2003
 : ANSI C63.4: 2014
 : ANSI C63.10: 2013
 Limit : 17dBm/MHz, 30dBm/500kHz (33dBm/MHz) for FCC
 : 10dBm/MHz, 8dBm/3kHz (33dBm/MHz) for IC
 Kind of test site : Shield room

Test setup

Test Channel : All channel
 Operation mode : A.1, B.1
 Ambient temperature : 25°C
 Relative humidity : 52%
 Atmospheric pressure : 101kPa

Table 10: Test result of power spectral density for FCC

Channel	Channel (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Conclusion
36	5180	1.14	17	Pass
40	5200	1.36	17	Pass
44	5220	1.52	17	Pass
48	5240	1.23	17	Pass
149	5745	0.69	33	Pass
153	5765	1.36	33	Pass
157	5785	1.20	33	Pass
161	5805	1.15	33	Pass
165	5825	0.89	33	Pass

Table 11: Test result of power spectral density for IC

Channel	Channel (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Conclusion
36	5180	1.14	10	Pass
40	5200	1.36	10	Pass
44	5220	1.52	10	Pass
48	5240	1.23	10	Pass
149	5745	-18.37	33	Pass
153	5765	-18.41	33	Pass
157	5785	-19.05	33	Pass
161	5805	-17.77	33	Pass
165	5825	-18.89	33	Pass

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5.1.6 Outside band emissions

RESULT:**Pass**

Date of testing : 2015-05-26
Test standard : RSS-210 A9.2(1) for 5180 – 5240MHz
RSS-210 A8.5 for 5745 – 5825MHz
Basic standard : ANSI C63.4: 2003
ANSI C63.4: 2014
ANSI C63.10: 2013
Limit : RSS-210 A9.2
RSS-210 A8.5
Kind of test site : Shield room

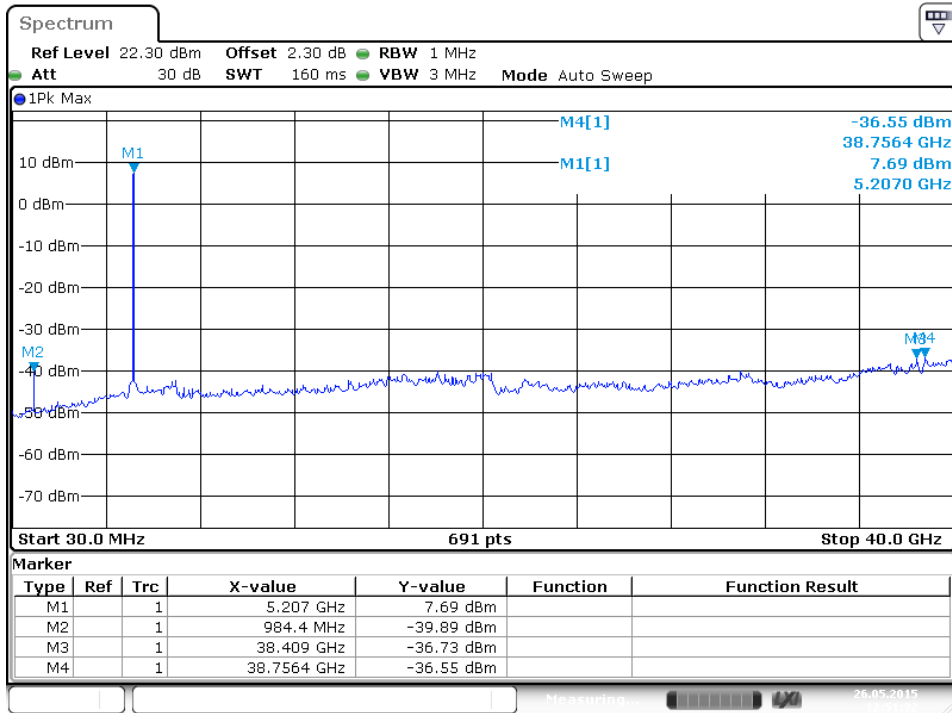
Test setup

Test Channel : All channel
Operation mode : A.1, B.1
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

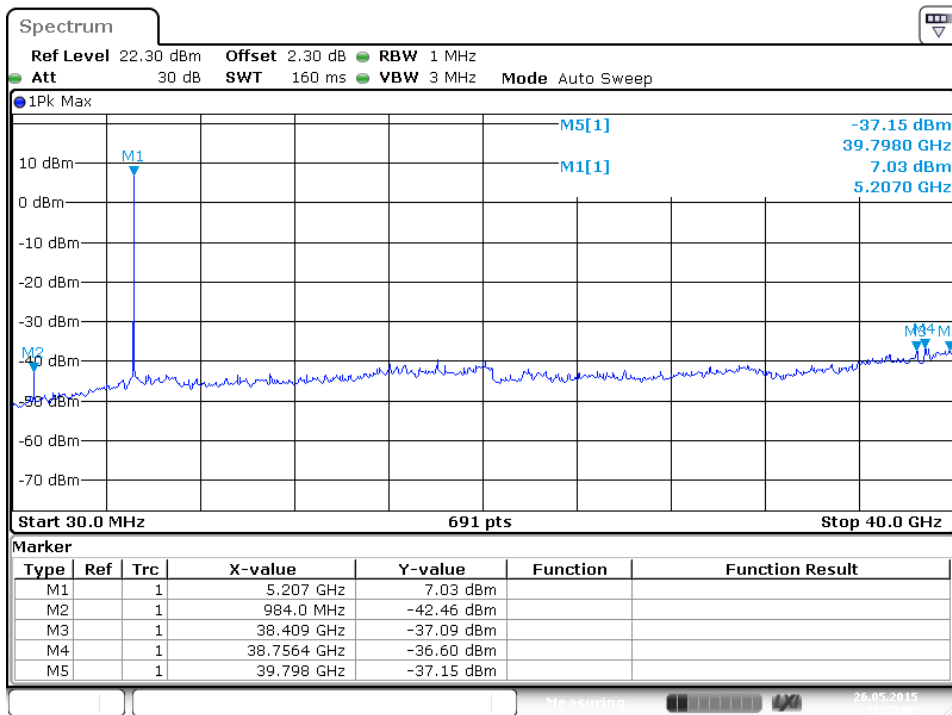
For details refer to following test plot.

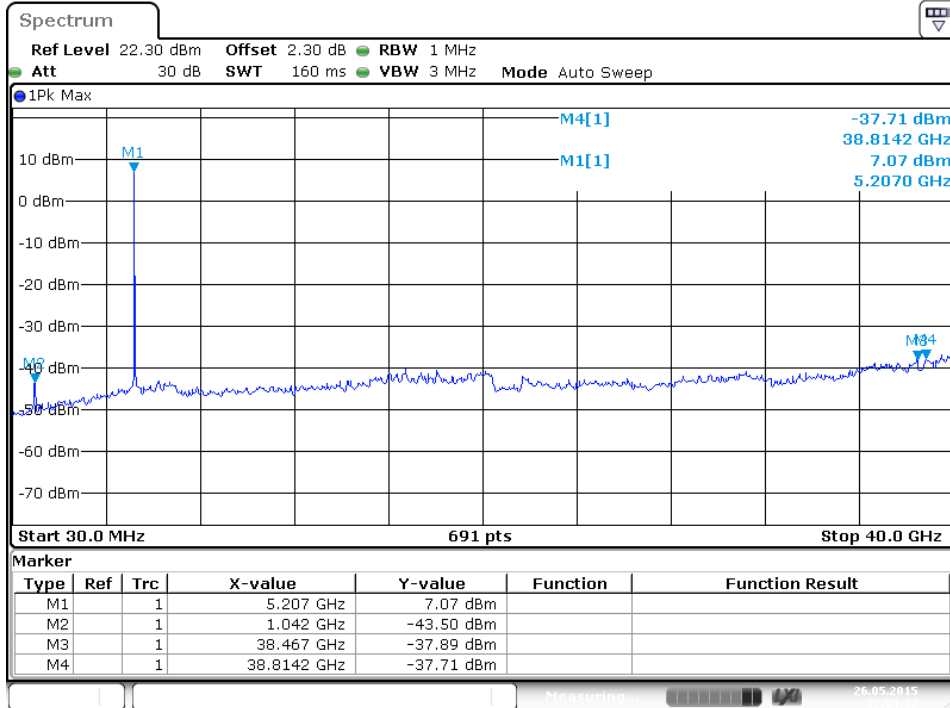
Test Plot of outside band emissions of 802.11a

Channel 5180MHz

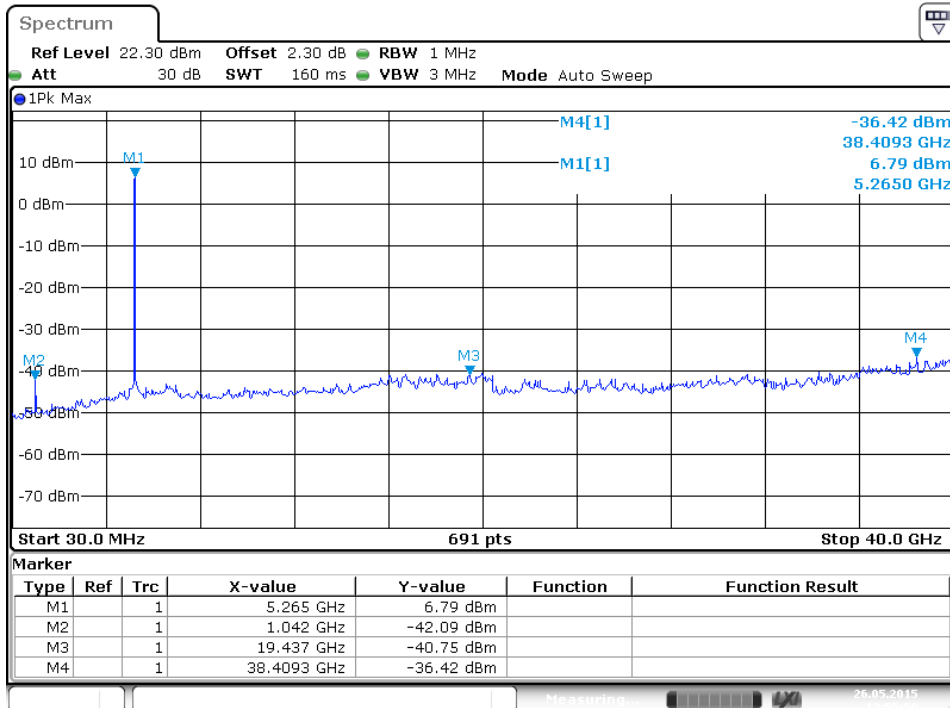


Channel 5200MHz

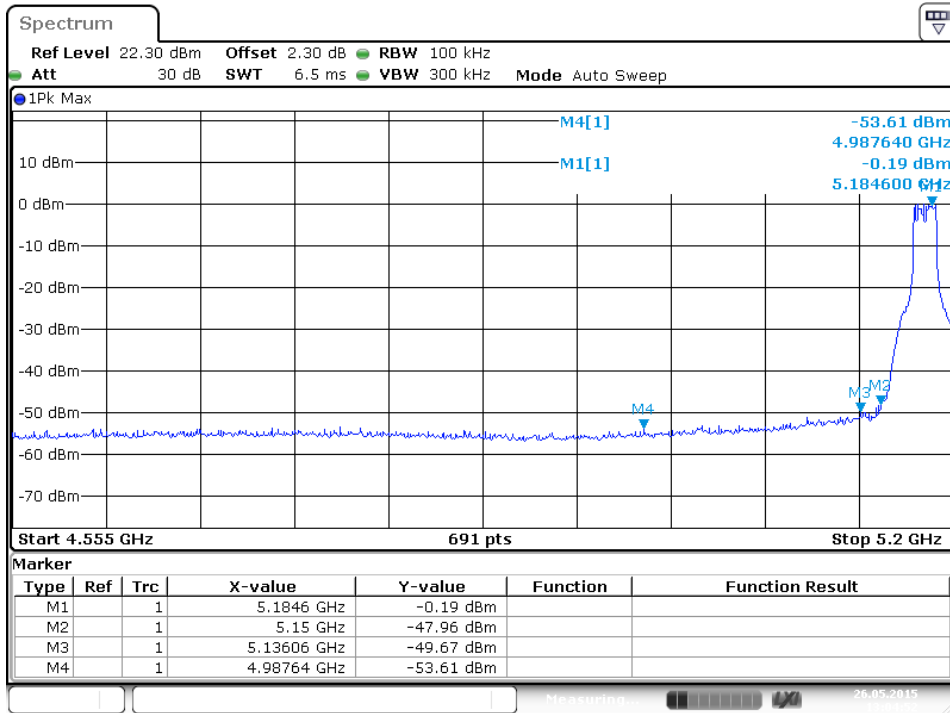


Channel 5220MHz


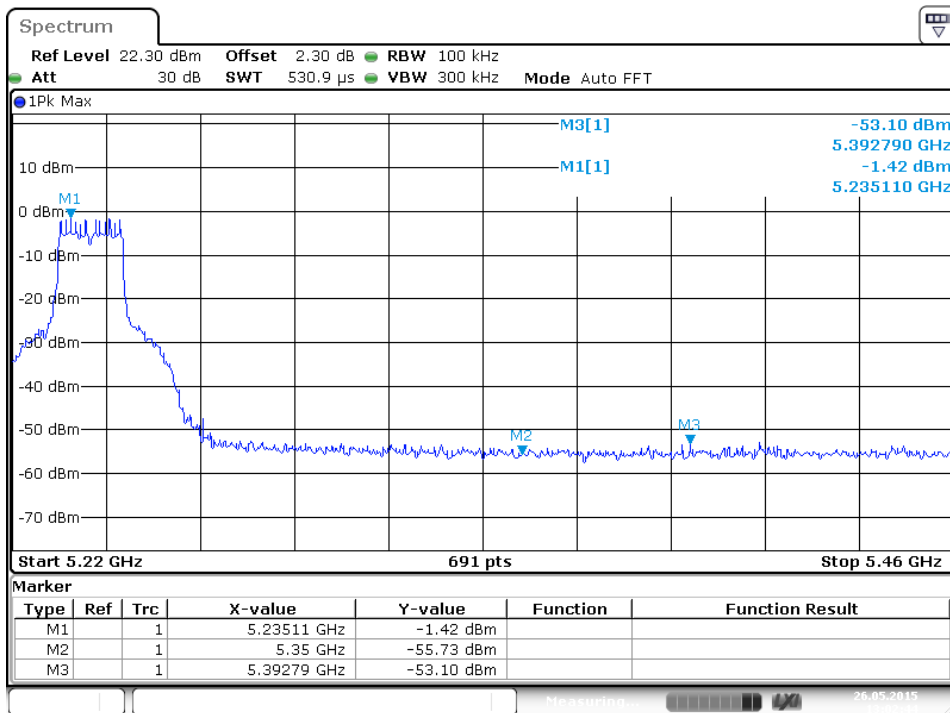
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Channel 5240MHz


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Band Edge


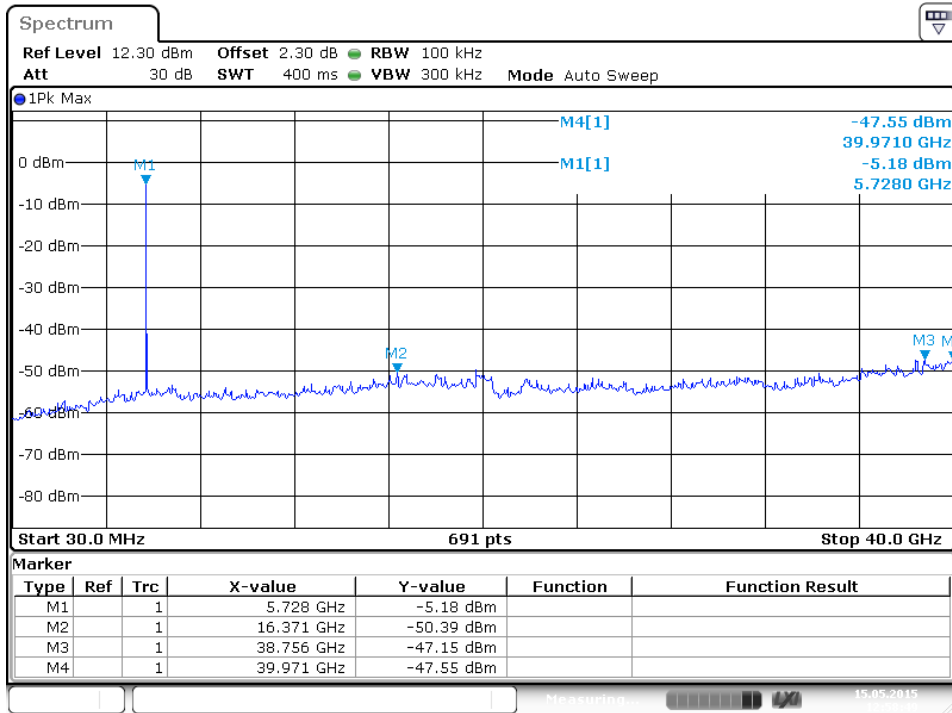
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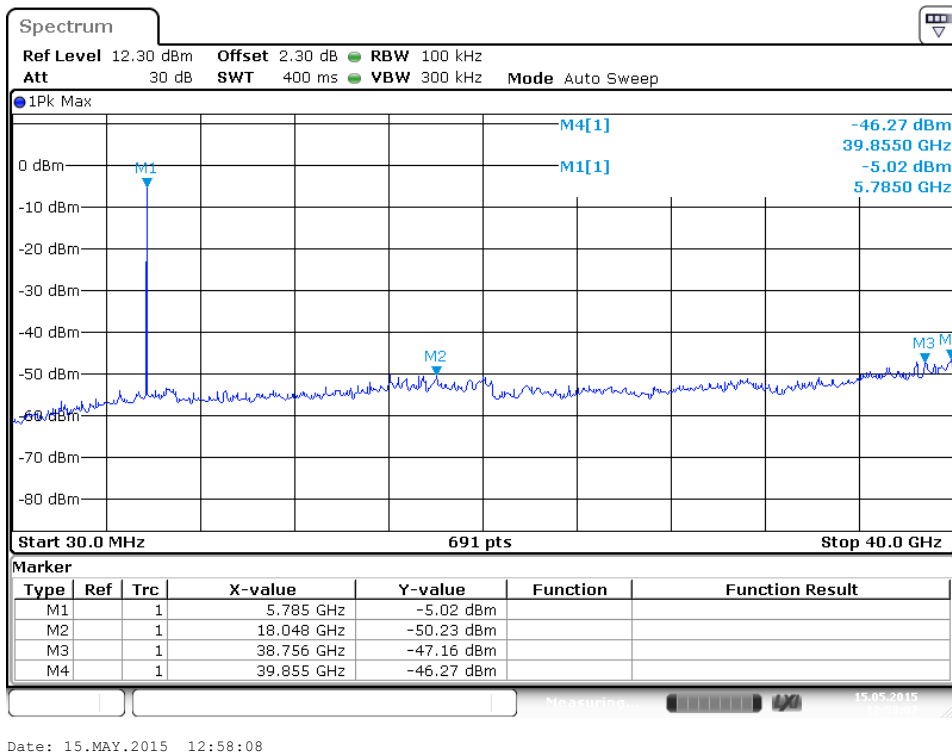
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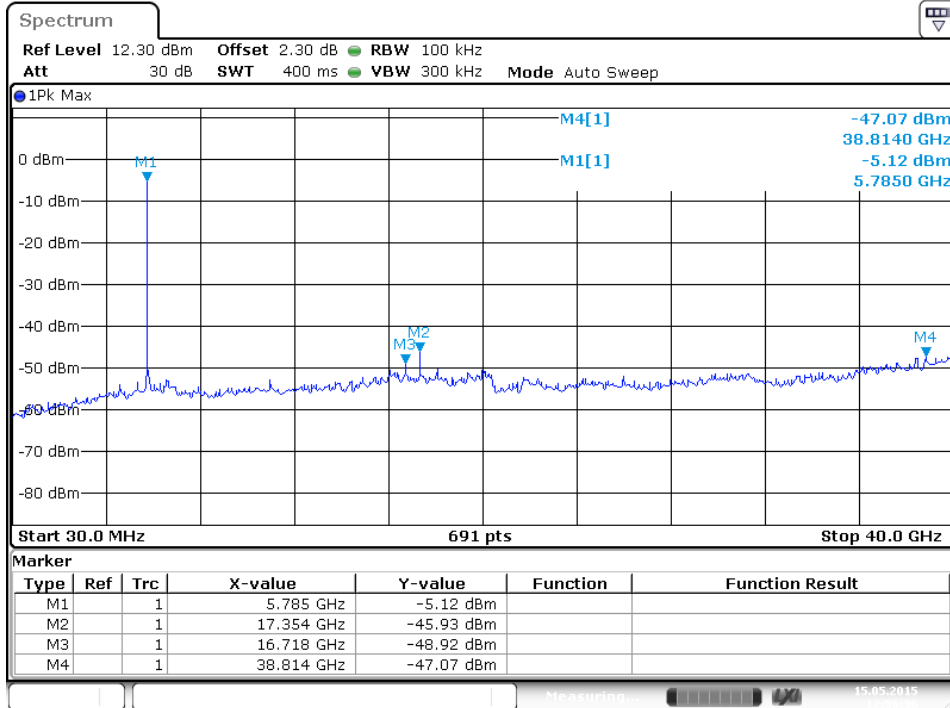
Test Plot of outside band emissions of 802.11a

Channel 5745MHz

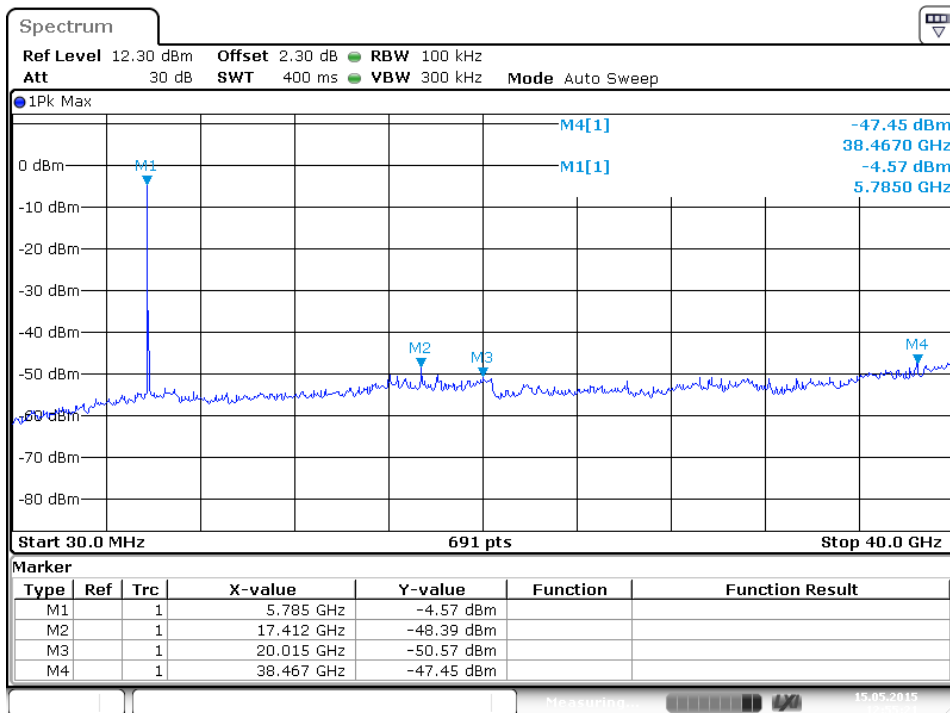


Channel 5765MHz

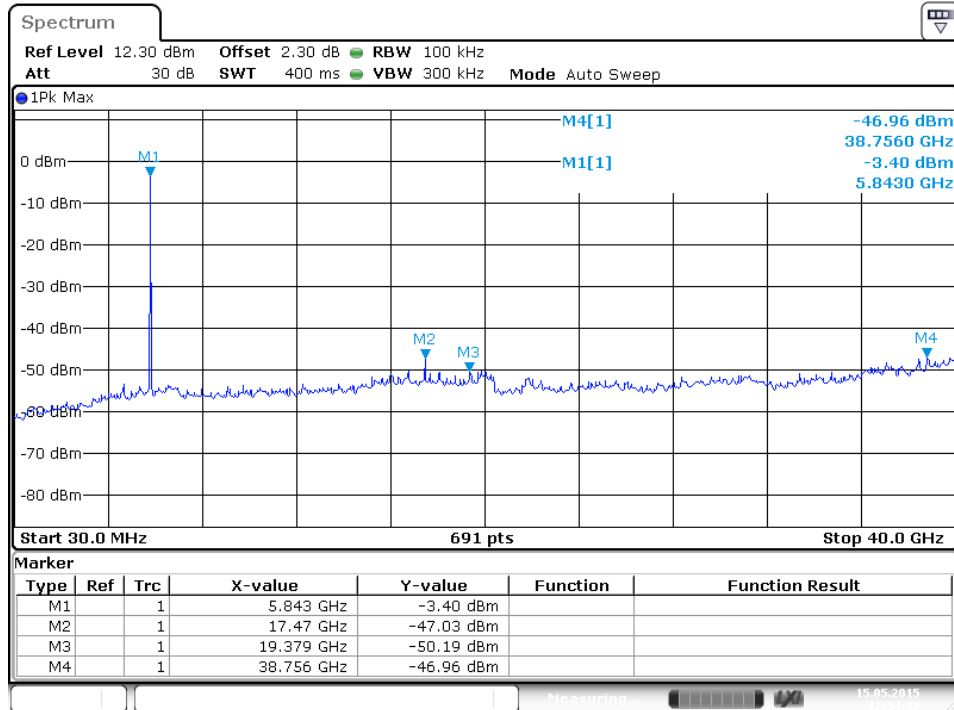


Channel 5785MHz


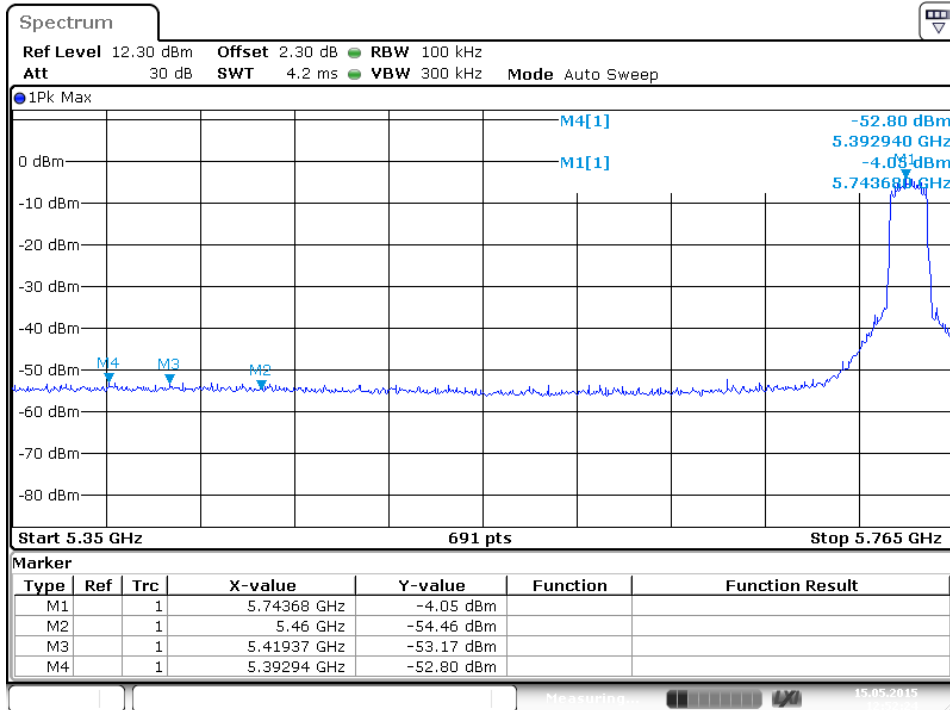
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Channel 5805MHz


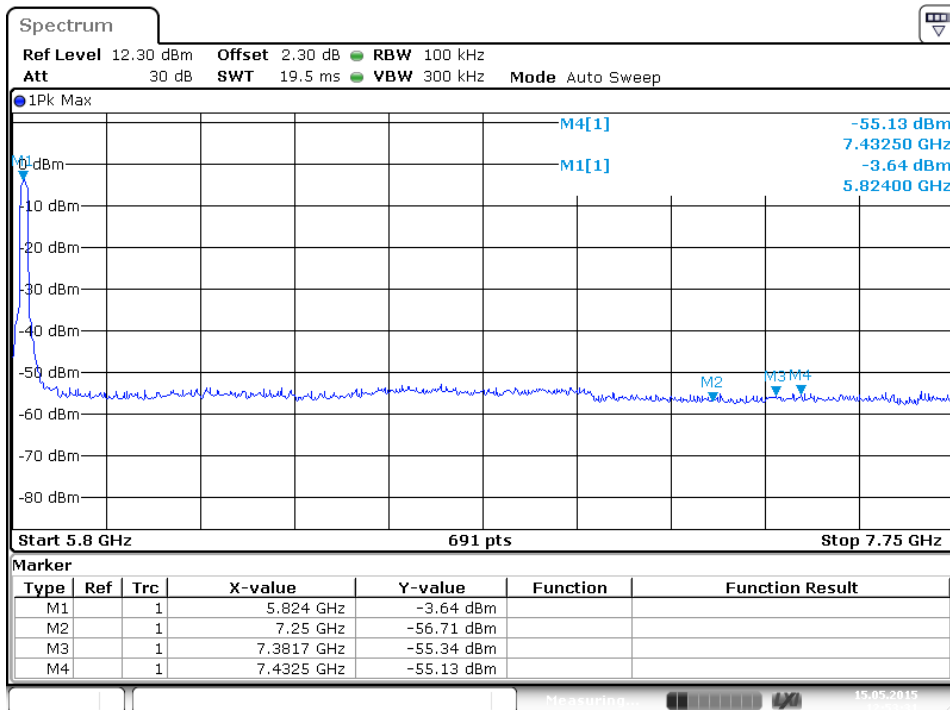
Date: 15.MAY.2015 12:55:22

Channel 5825MHz


Date: 15.MAY.2015 12:54:33

Band Edge


Date: 15.MAY.2015 12:52:24



Date: 15.MAY.2015 12:53:31

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5.1.7 Spurious Emission

RESULT:**Pass**

Date of testing : 2015-05-09
Test standard : FCC part 15.407(b)(6)
RSS-210 Clause 2.5
Basic standard : ANSI C63.4: 2003
ANSI C63.4: 2014
ANSI C63.10: 2013
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, A.2
Ambient temperature : 23°C
Relative humidity : 48%
Atmospheric pressure : 101kPa

For details refer to following test plot.

Test Plot of Spurious Emission of 802.11a Band 1

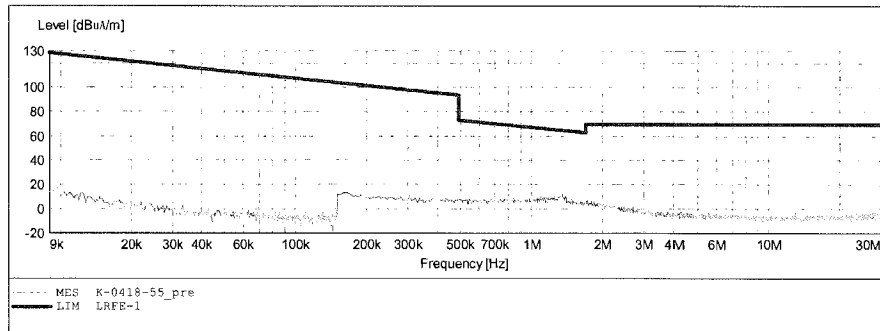
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5180MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

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

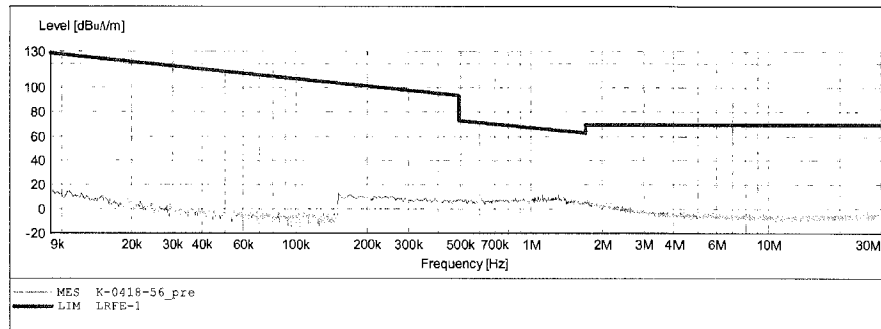


ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5180MHz
 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

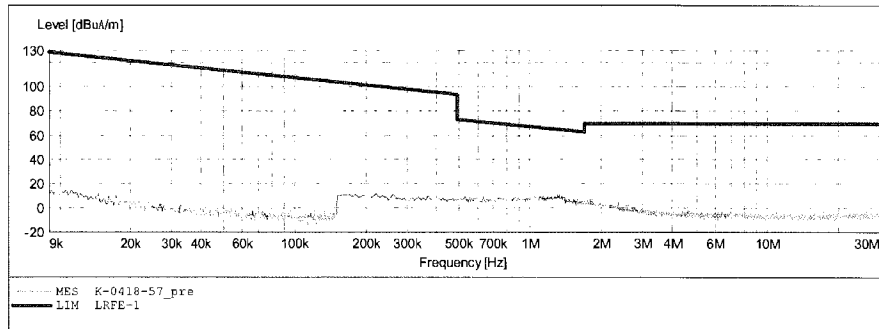


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5180MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

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

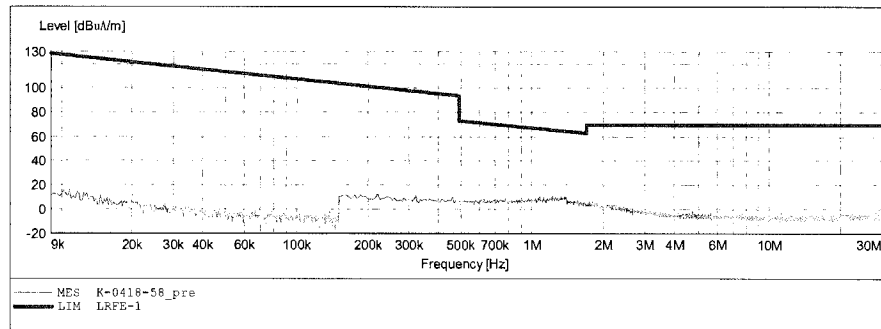


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5200MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

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

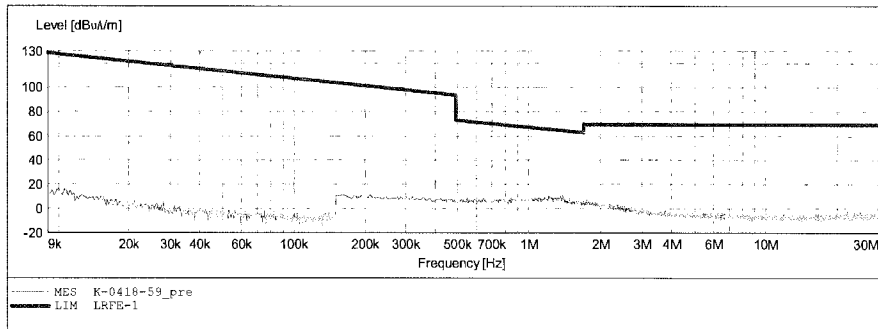


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5200MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width		Time	Bandw.	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

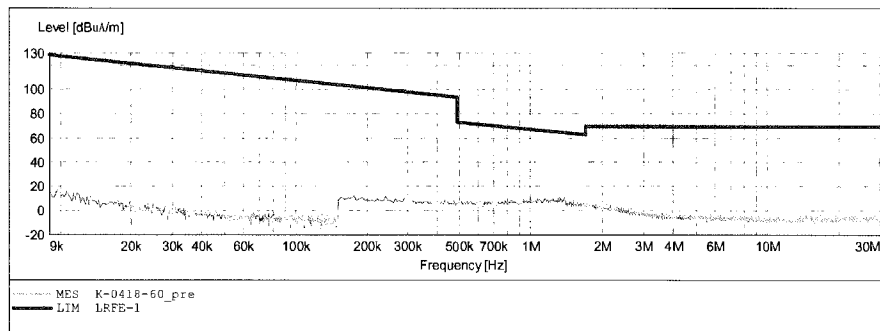


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5200MHz
 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

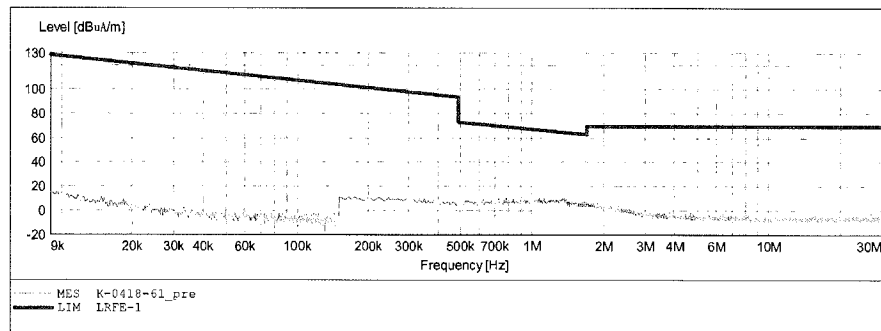


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5220MHz
 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



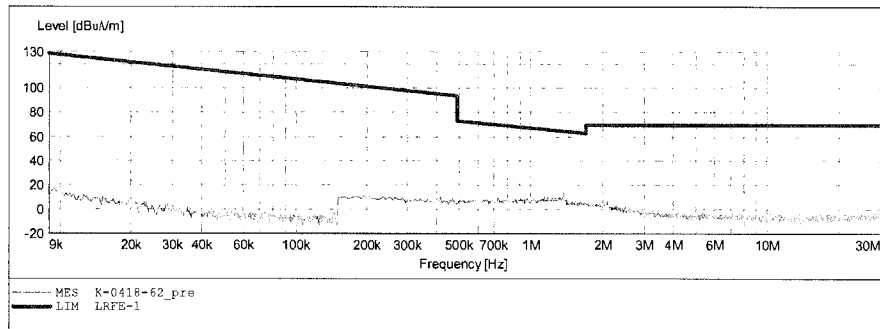
ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5220MHz
 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 Frequency	Stop Frequency	Step Width	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

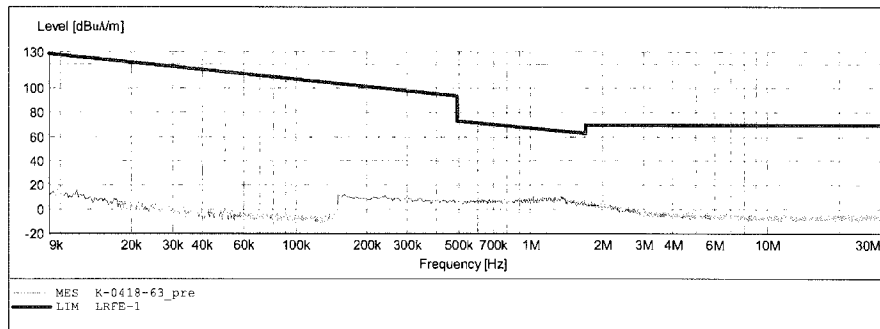


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5220MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

SCAN TABLE: "LRFRE 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

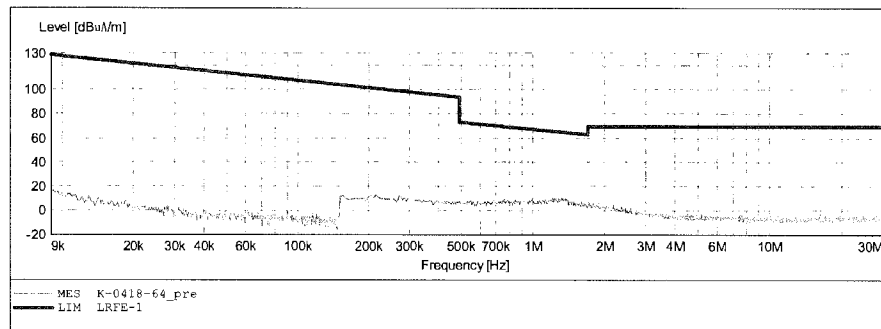


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5240MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

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

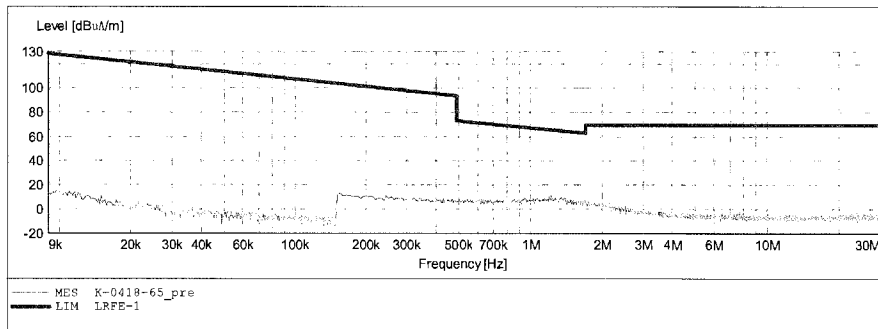


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5240MHz
 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

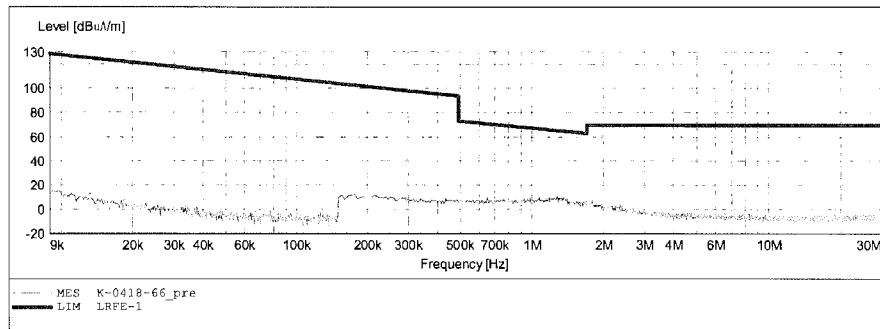


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5240MHz
 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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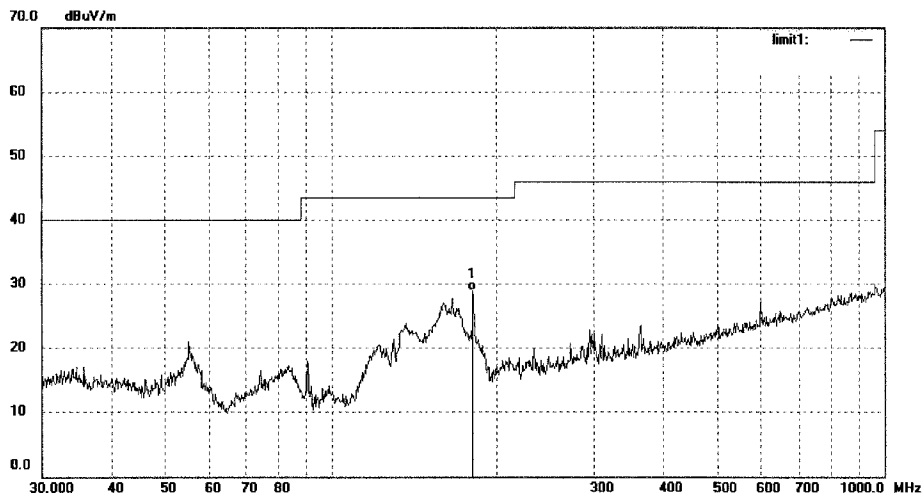
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #378	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	42.24	-13.28	28.96	43.50	-14.54	QP			


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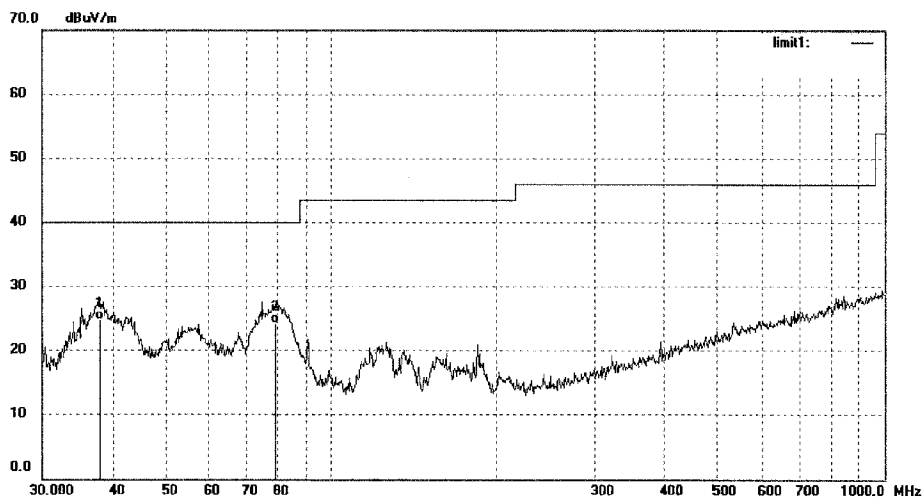
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #379	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	35.89	-11.08	24.81	40.00	-15.19	QP			
2	79.2425	40.79	-16.56	24.23	40.00	-15.77	QP			


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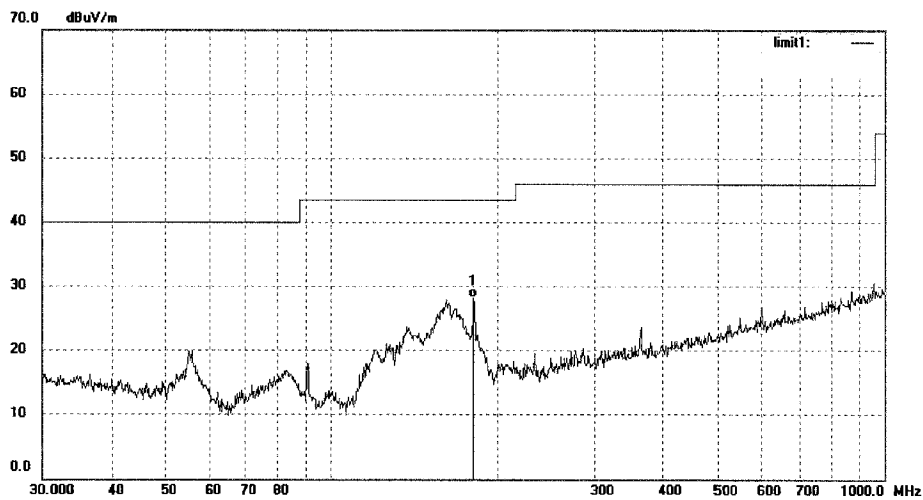
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #381	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 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	41.51	-13.28	28.23	43.50	-15.27	QP			


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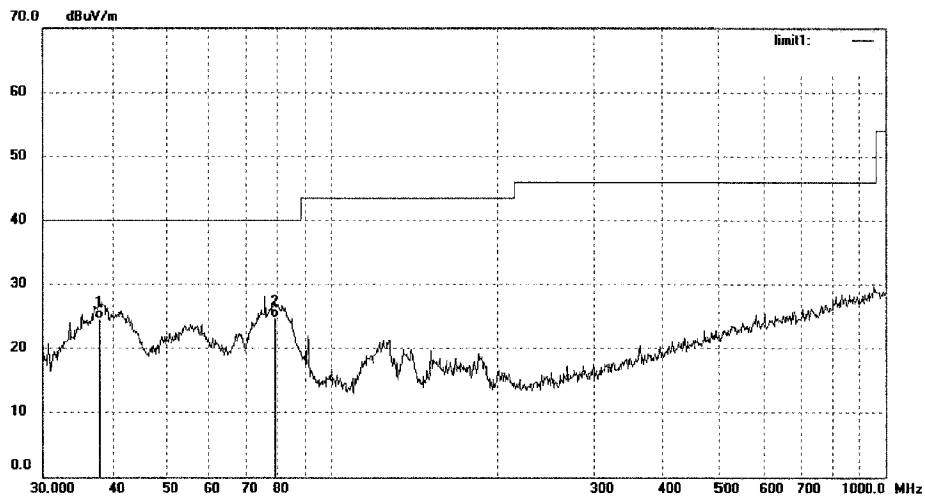
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #380	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 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	35.59	-11.05	24.54	40.00	-15.46	QP			
2	78.9651	41.39	-16.57	24.82	40.00	-15.18	QP			


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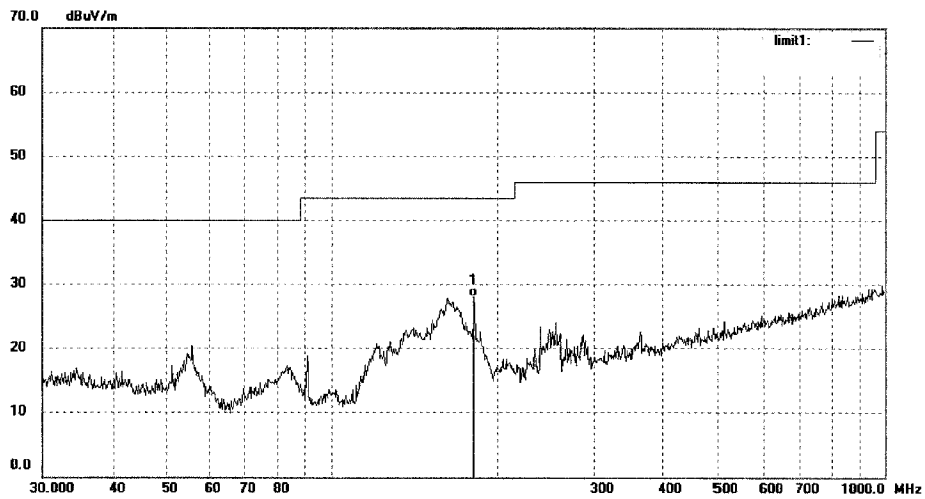
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #382	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 5220MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	41.30	-13.28	28.02	43.50	-15.48	QP			


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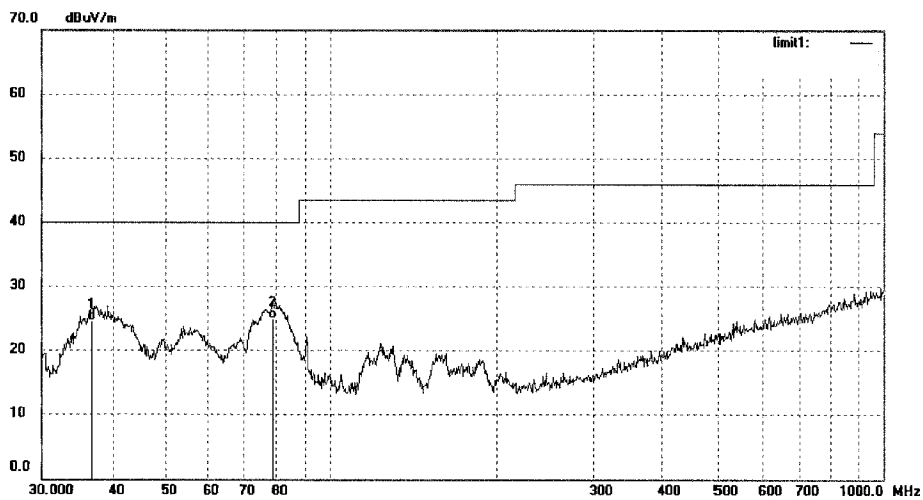
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #383	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 5220MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	36.7661	35.47	-10.81	24.66	40.00	-15.34	QP			
2	78.6888	41.48	-16.58	24.90	40.00	-15.10	QP			


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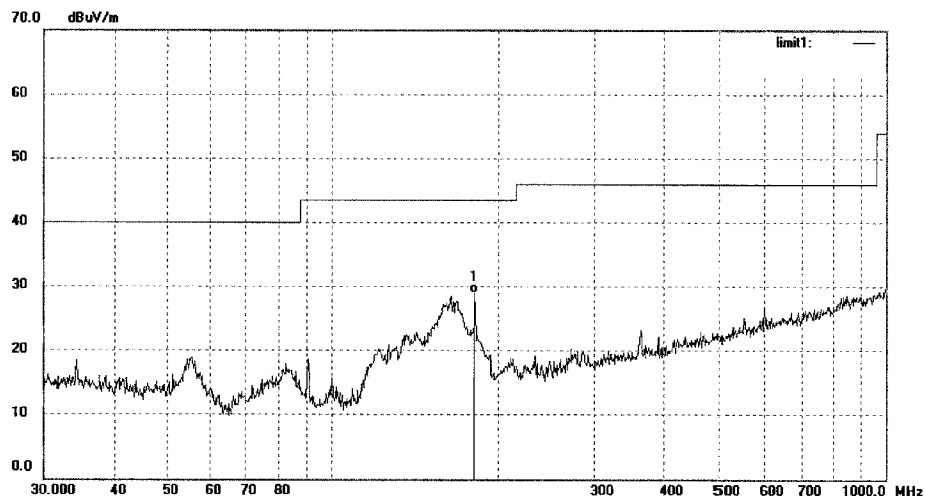
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #385	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	42.32	-13.28	29.04	43.50	-14.46	QP			


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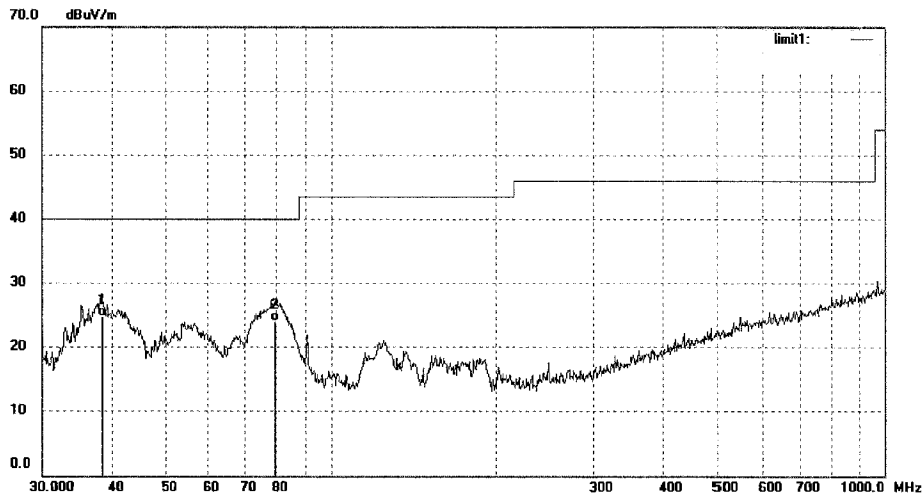
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #384	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.3462	35.89	-11.17	24.72	40.00	-15.28	QP			
2	79.5209	40.67	-16.54	24.13	40.00	-15.87	QP			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #457

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 5180MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

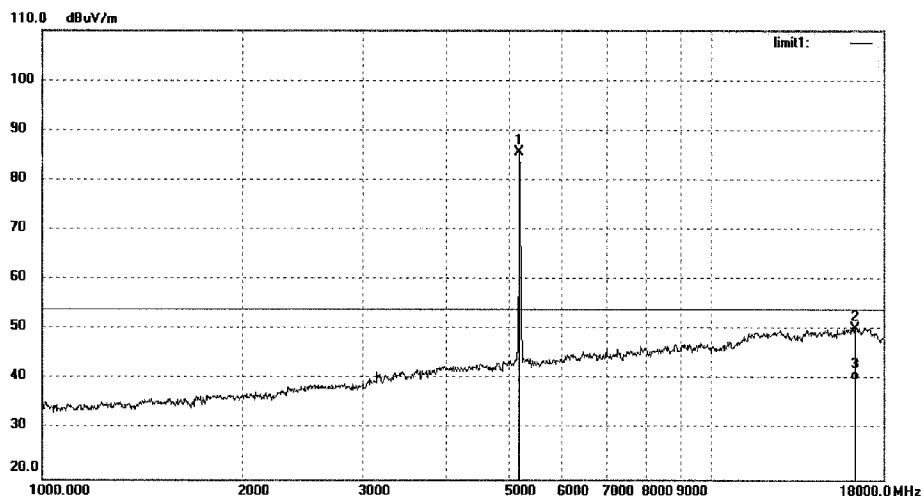
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	85.09	0.61	85.70	/	/	peak			
2	16315.231	10.15	40.19	50.34	74.00	-23.66	peak			
3	16315.231	-0.38	40.19	39.81	54.00	-14.19	AVG			


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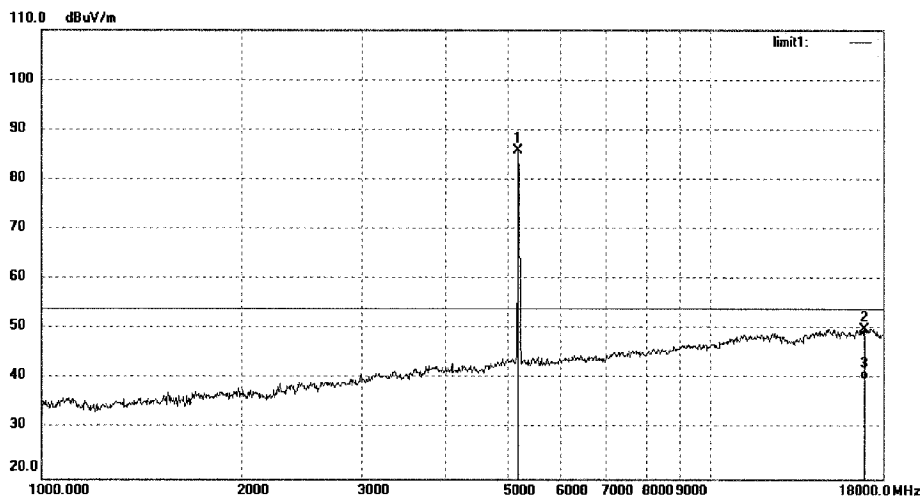
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #458	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	85.17	0.61	85.78	/	/	peak			
2	16891.045	8.72	41.39	50.11	74.00	-23.89	peak			
3	16891.045	-1.42	41.39	39.97	54.00	-14.03	AVG			


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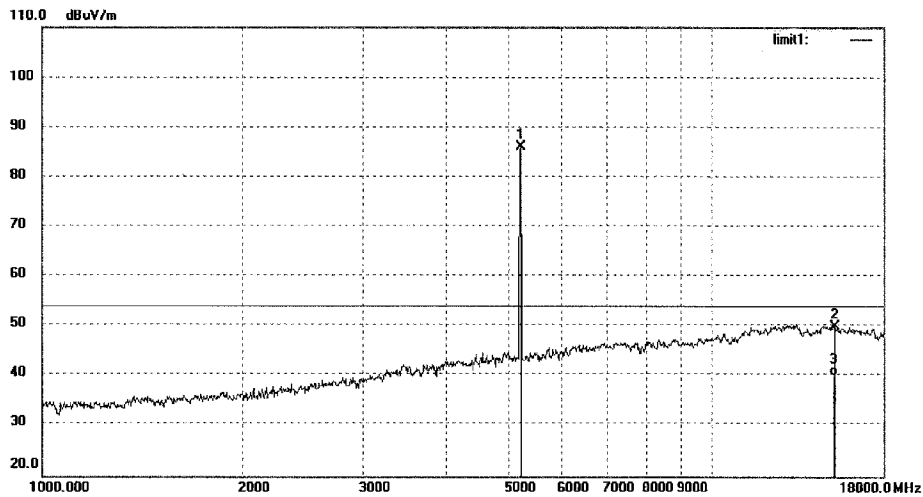
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #460	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 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5200.000	85.38	0.68	86.06	/	/	peak			
2	15221.824	9.43	40.66	50.09	74.00	-23.91	peak			
3	15221.824	-0.55	40.66	40.11	54.00	-13.89	AVG			


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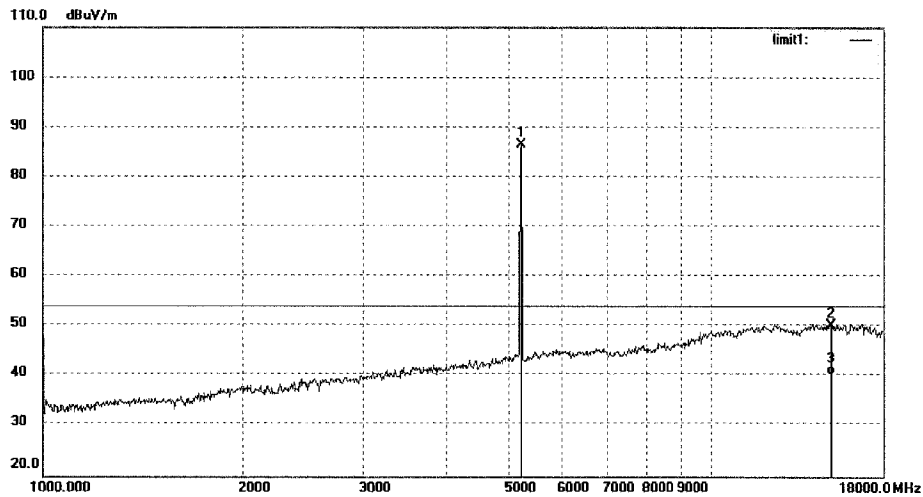
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #459	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 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5200.000	85.71	0.68	86.39	/	/	peak			
2	15046.851	9.24	41.01	50.25	74.00	-23.75	peak			
3	15046.851	-0.62	41.01	40.39	54.00	-13.61	AVG			


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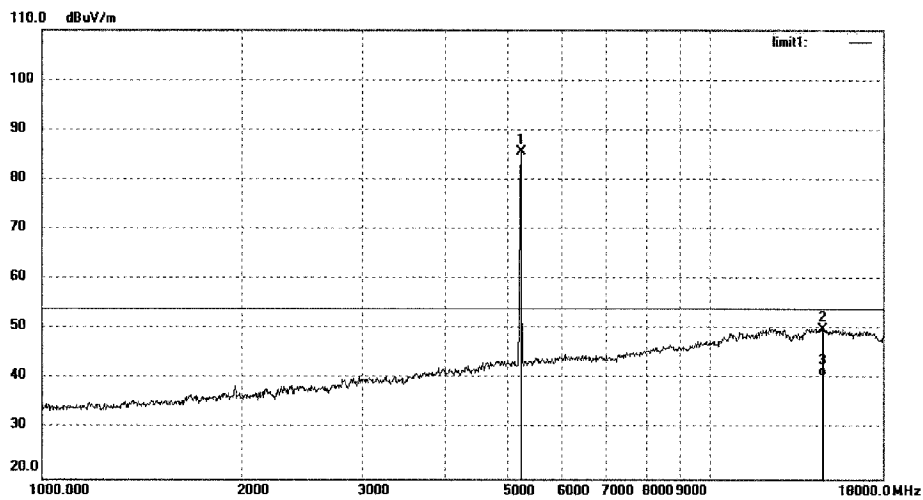
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #461	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 5220MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5220.000	84.81	0.75	85.56	/	/	peak			
2	14660.479	7.95	42.12	50.07	74.00	-23.93	peak			
3	14660.479	-1.63	42.12	40.49	54.00	-13.51	AVG			


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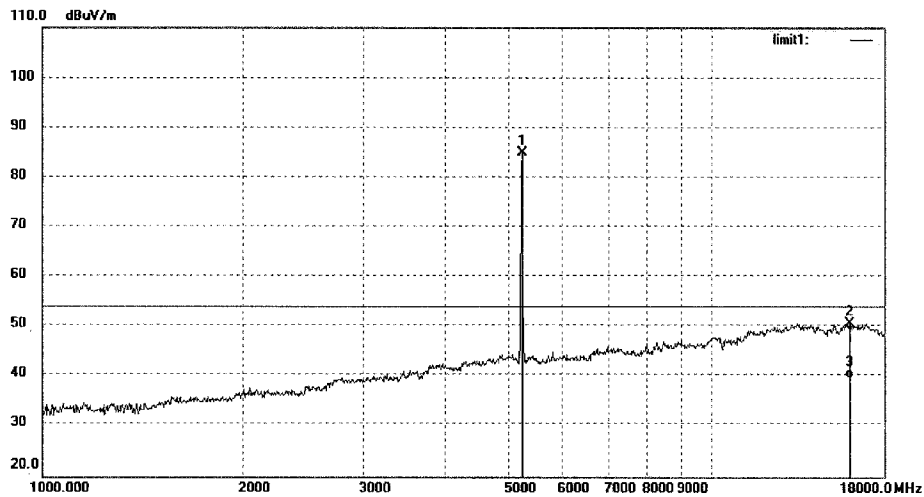
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #462	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 5220MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5220.000	84.16	0.75	84.91	/	/	peak			
2	15988.449	10.63	40.00	50.63	74.00	-23.37	peak			
3	15988.449	-0.42	40.00	39.58	54.00	-14.42	AVG			


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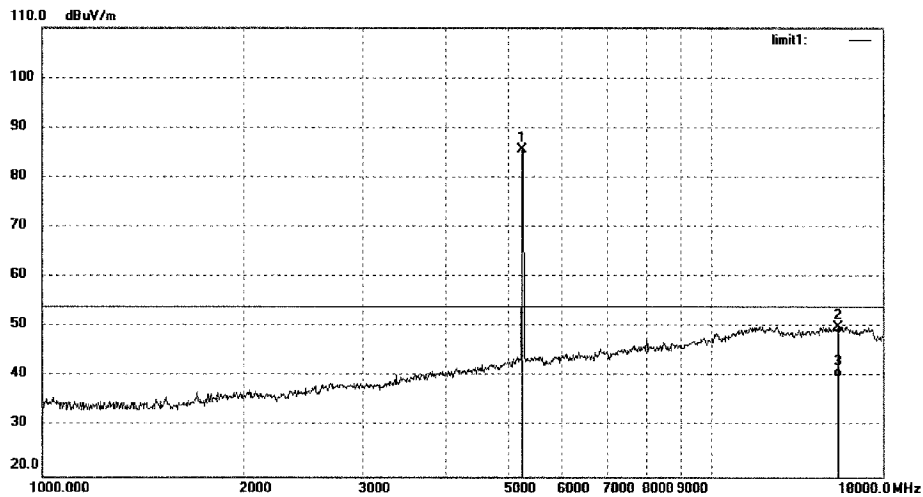
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #464	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	84.82	0.82	85.64	/	/	peak			
2	15443.405	9.94	40.21	50.15	74.00	-23.85	peak			
3	15443.405	-0.36	40.21	39.85	54.00	-14.15	AVG			


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Job No.: YULIAH #463

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 5240MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

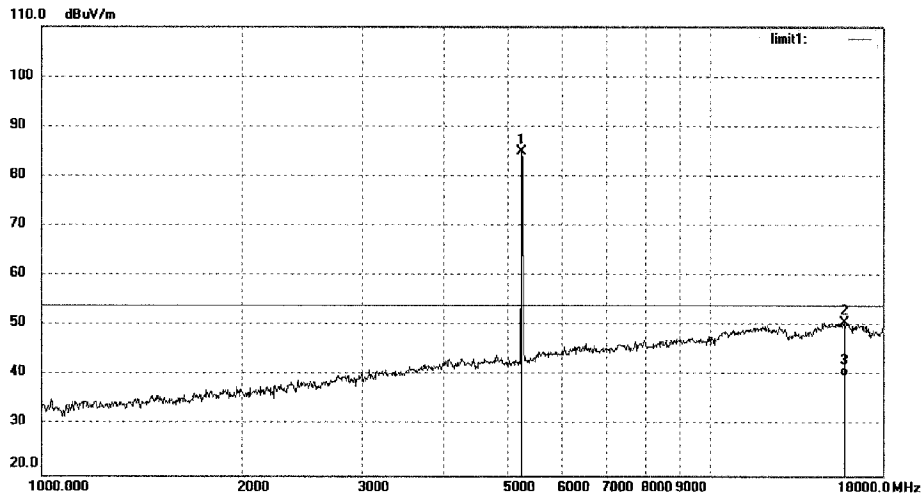
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	84.03	0.82	84.85	/	/	peak			
2	15804.663	10.65	40.04	50.69	74.00	-23.31	peak			
3	15804.663	-0.05	40.04	39.99	54.00	-14.01	AVG			


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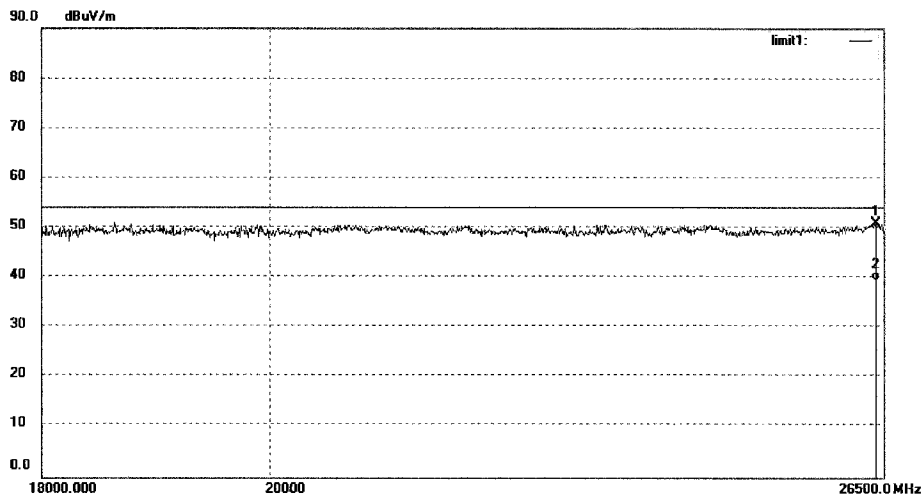
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #612	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.36	16.50	50.86	74.00	-23.14	peak			
2	26407.731	22.93	16.50	39.43	54.00	-14.57	AVG			


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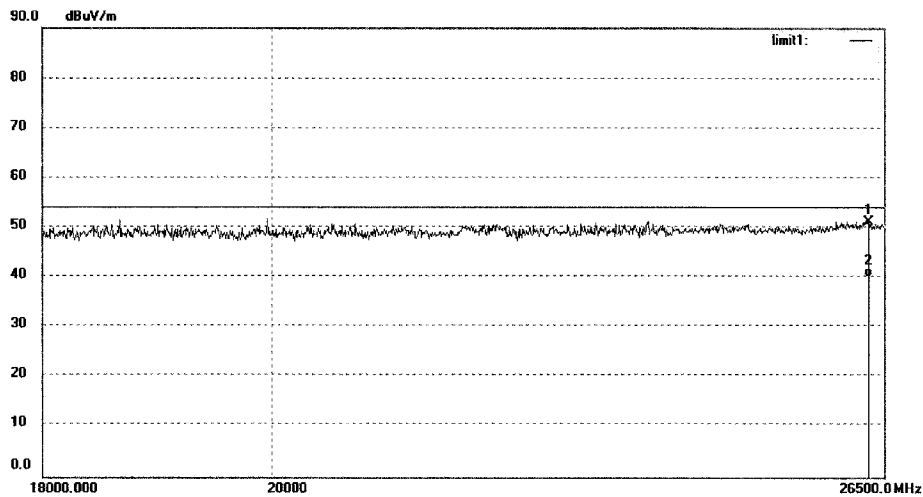
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #611	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.16	17.02	51.18	74.00	-22.82	peak			
2	26315.783	23.08	17.02	40.10	54.00	-13.90	AVG			


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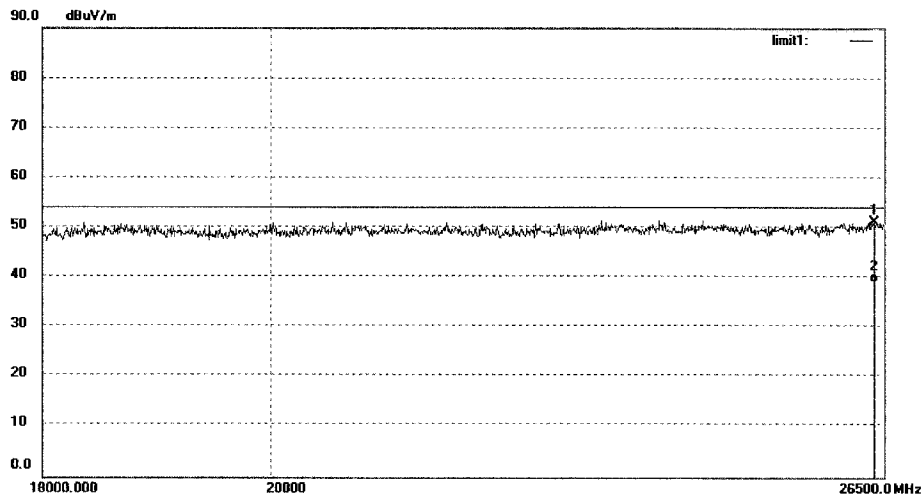
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #613	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 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.58	16.50	51.08	74.00	-22.92	peak			
2	26387.270	22.50	16.50	39.00	54.00	-15.00	AVG			


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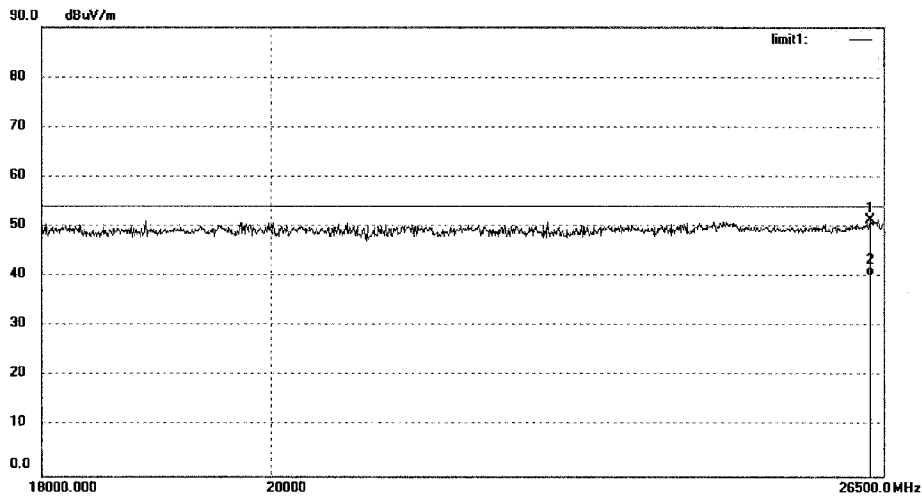
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #614	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 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.48	17.00	51.48	74.00	-22.52	peak			
2	26346.396	23.06	17.00	40.06	54.00	-13.94	AVG			


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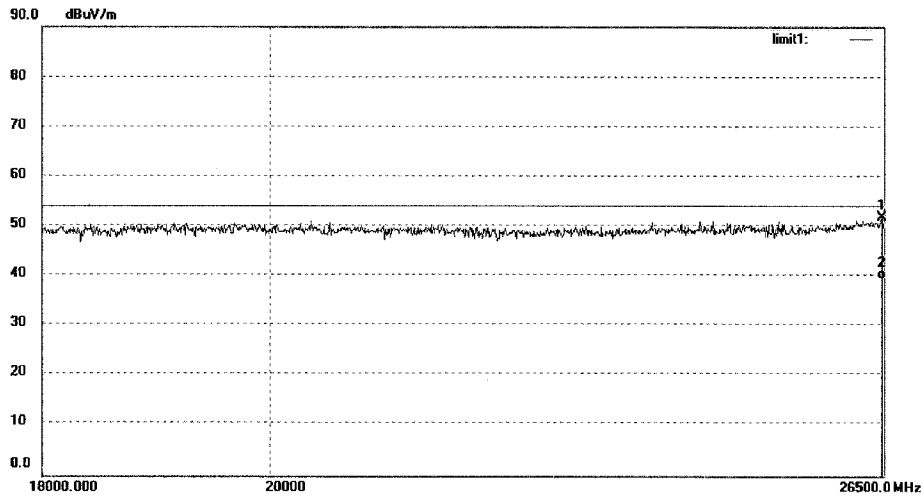
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #616	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 5220MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26479.468	35.33	16.50	51.83	74.00	-22.17	peak			
2	26479.468	22.95	16.50	39.45	54.00	-14.55	AVG			


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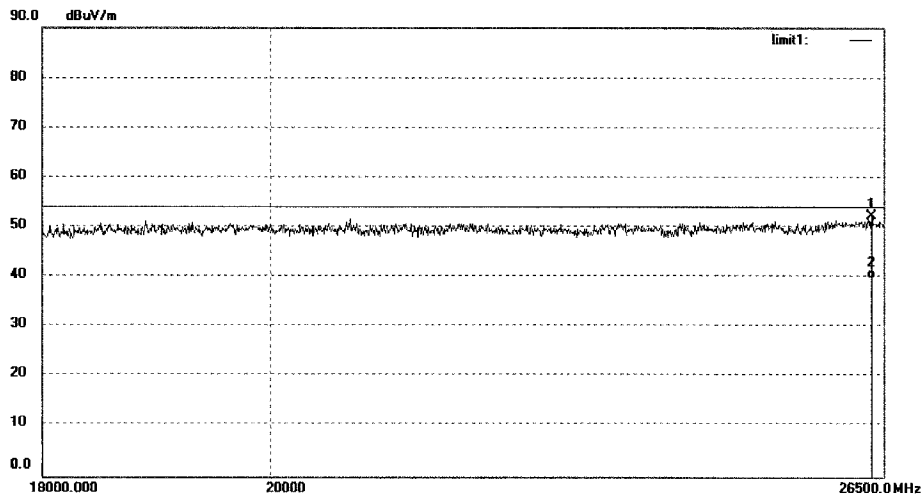
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #615	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 5220MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	35.27	16.99	52.26	74.00	-21.74	peak			
2	26356.609	22.77	16.99	39.76	54.00	-14.24	AVG			


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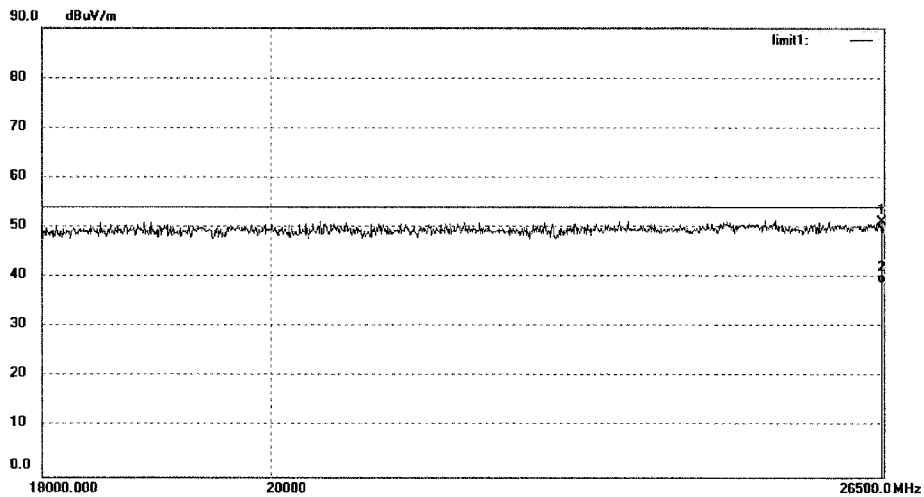
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #617	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26479.468	34.60	16.50	51.10	74.00	-22.90	peak			
2	26479.468	22.39	16.50	38.89	54.00	-15.11	AVG			


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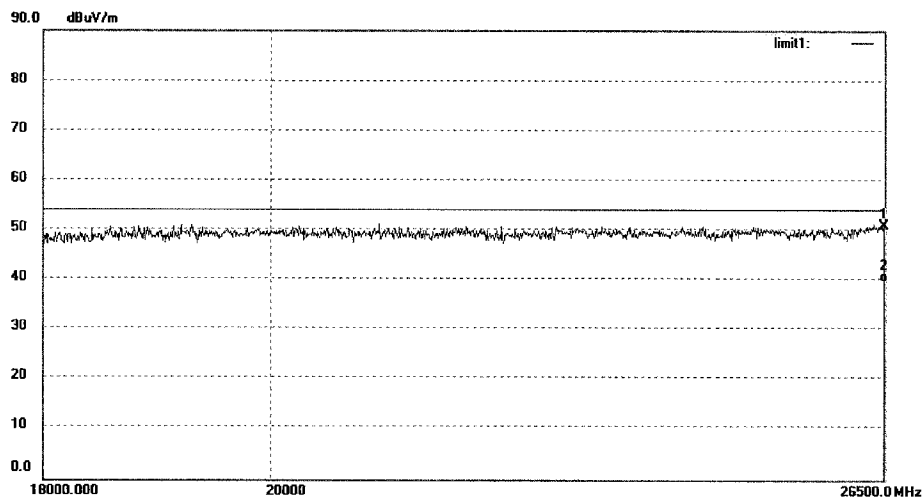
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #618	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26489.732	34.07	16.91	50.98	74.00	-23.02	peak			
2	26489.732	22.74	16.91	39.65	54.00	-14.35	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

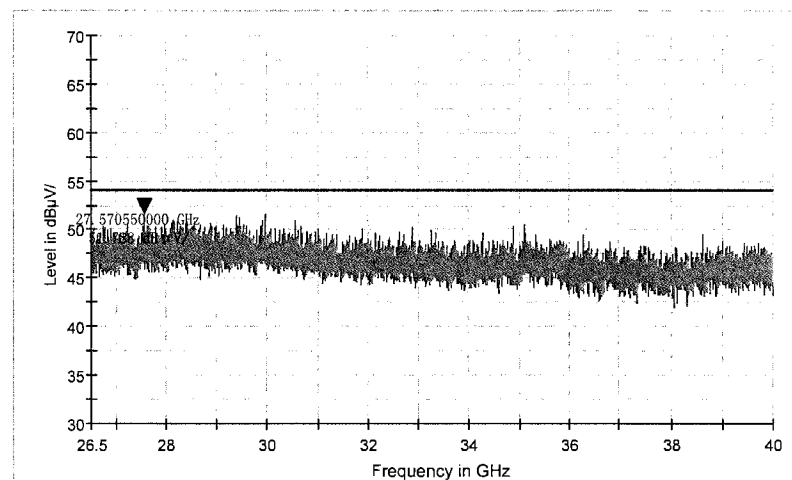
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5180MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

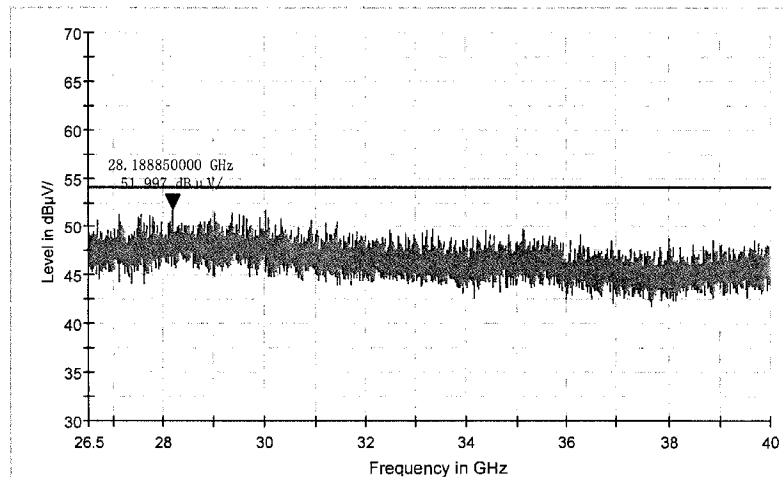
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5180MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

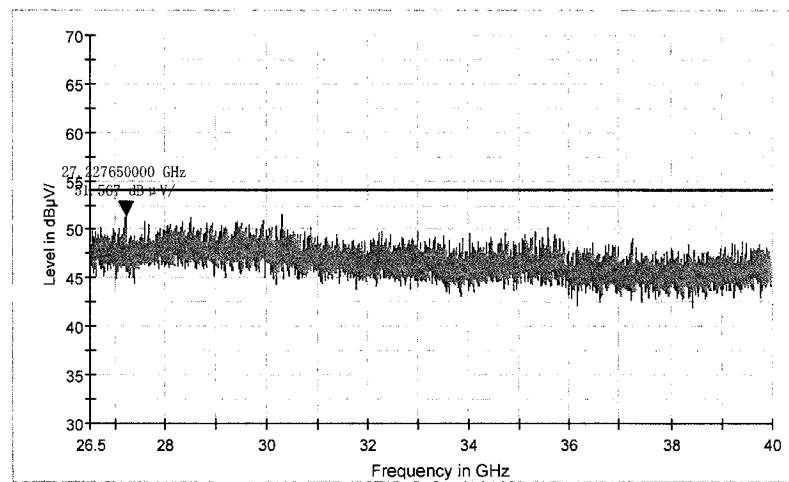
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5200MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

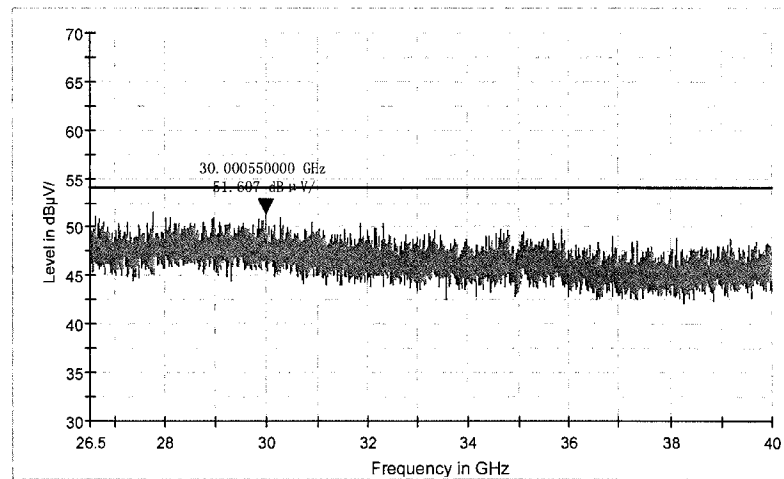
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5200MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

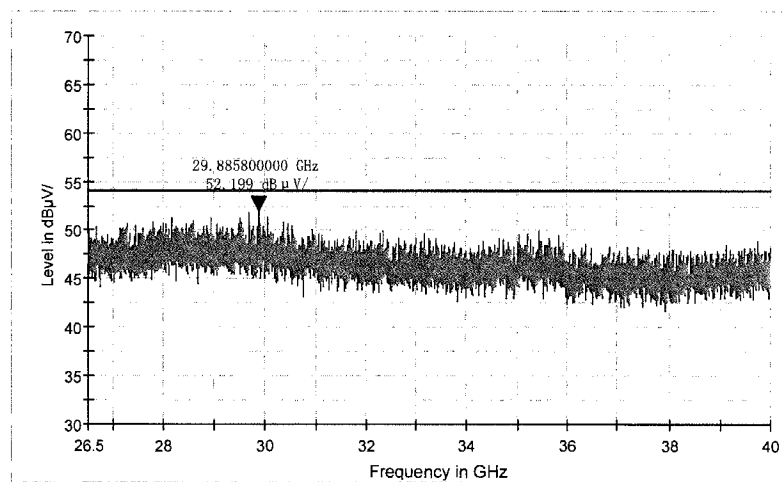
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5220MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

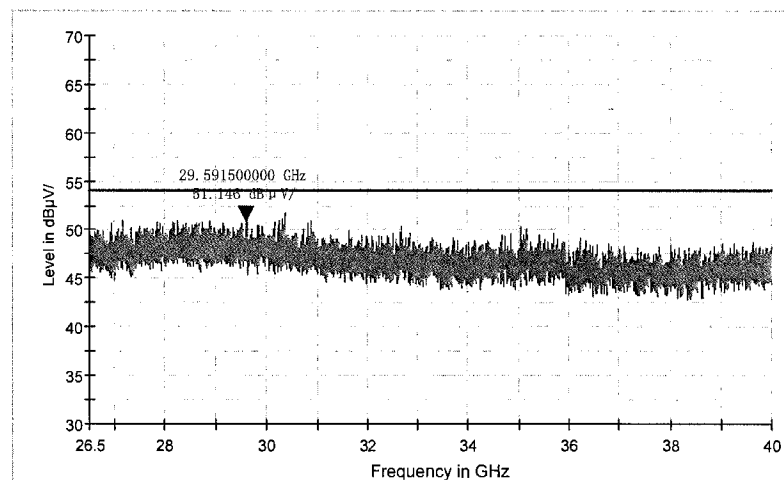
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5220MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

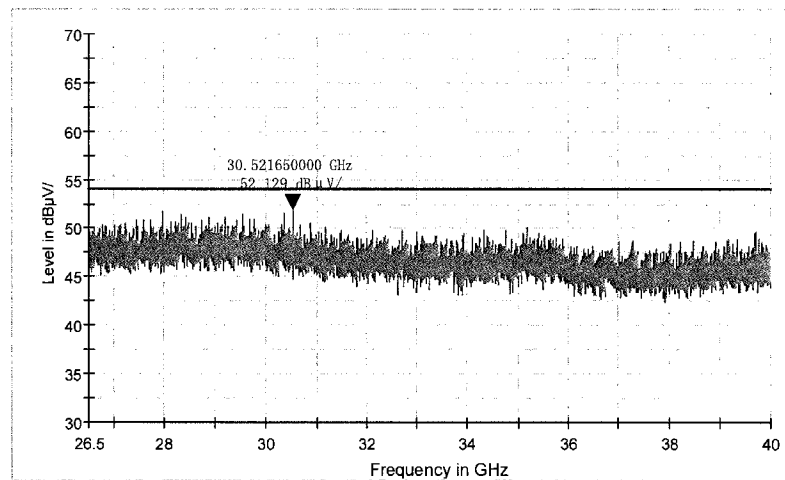
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5240MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

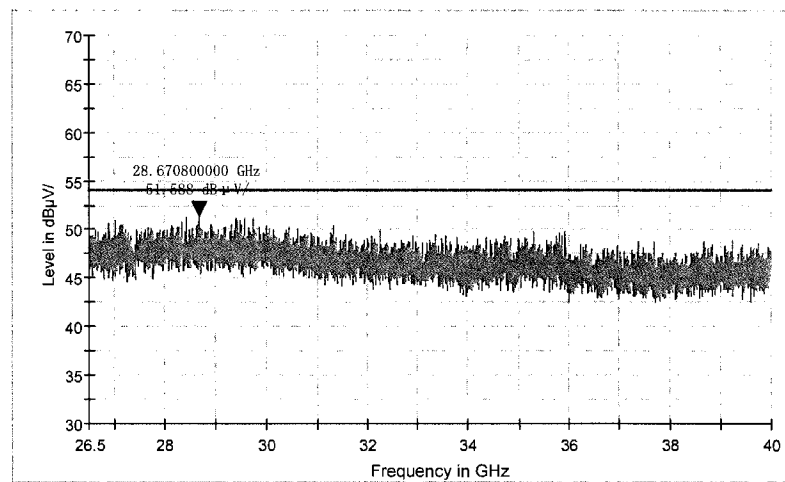
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5240MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



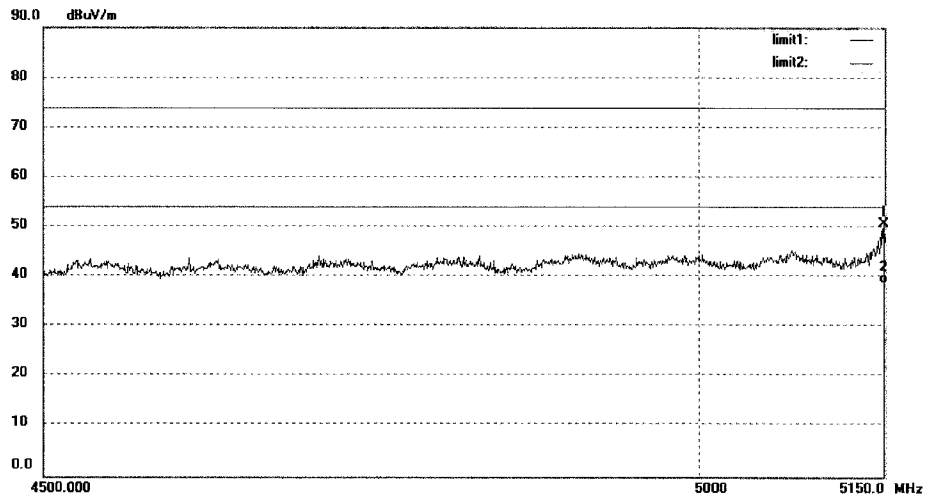
Test Plot of Band Edge of 802.11a Band 1


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

Job No.: YULIAH #476	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5149.350	50.31	0.51	50.82	74.00	-23.18	peak			
2	5149.350	38.22	0.51	38.73	54.00	-15.27	AVG			


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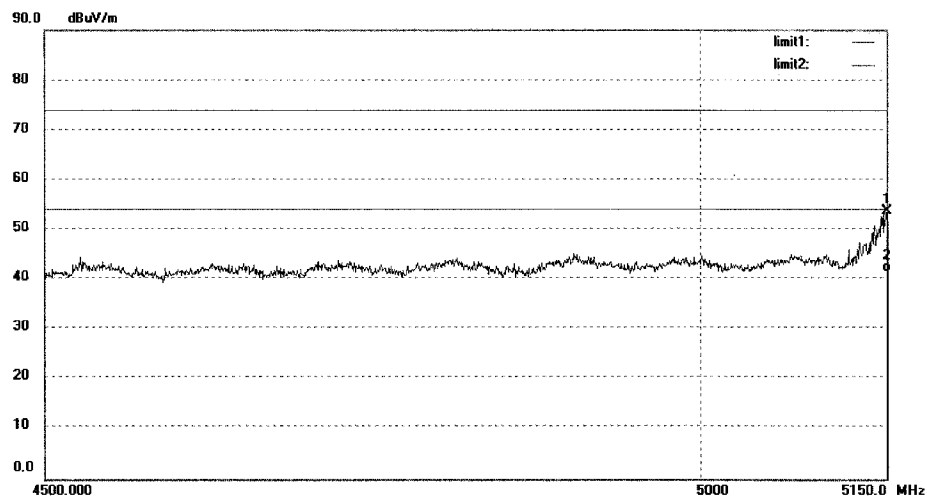
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #475	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



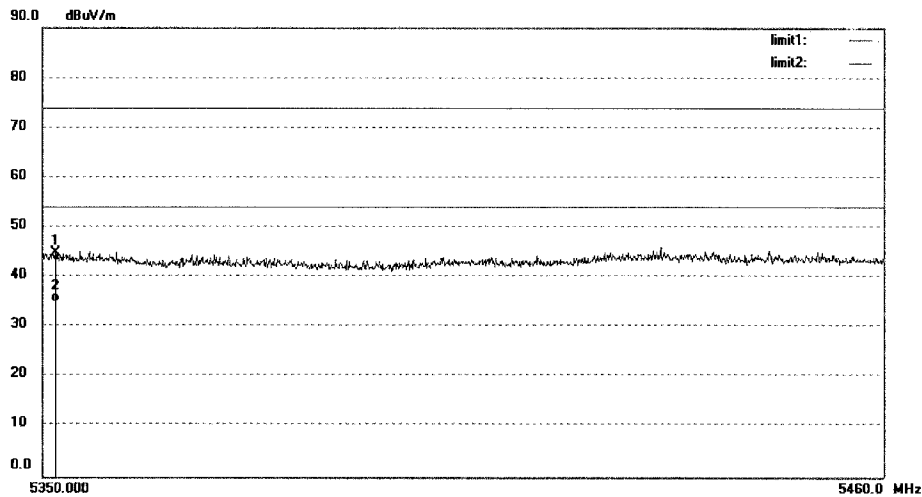
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	53.18	0.51	53.69	74.00	-20.31	peak			
2	5150.000	41.05	0.51	41.56	54.00	-12.44	AVG			


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

Job No.: YULIAH #477	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5351.650	44.15	0.84	44.99	74.00	-29.01	peak			
2	5351.650	34.22	0.84	35.06	54.00	-18.94	AVG			


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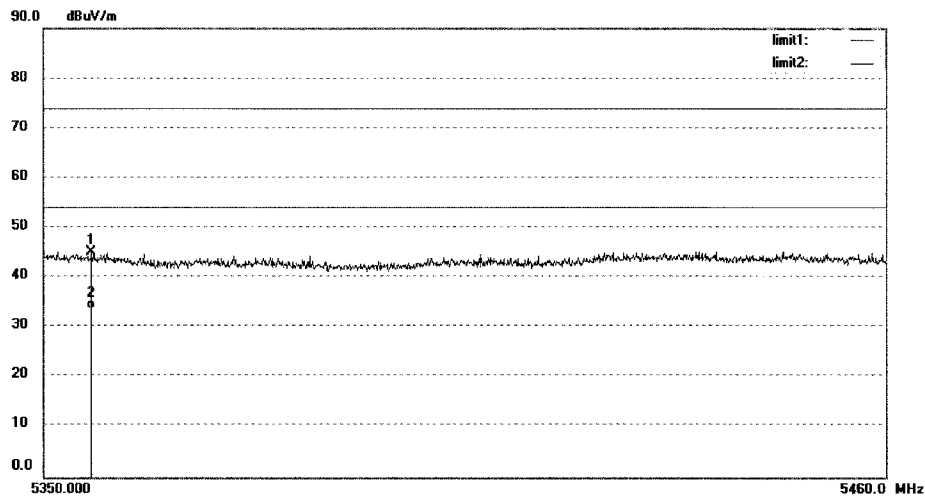
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #478	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5356.270	44.21	0.82	45.03	74.00	-28.97	peak			
2	5356.270	32.85	0.82	33.67	54.00	-20.33	AVG			

Test Plot of Spurious Emission of 802.11a Band 4

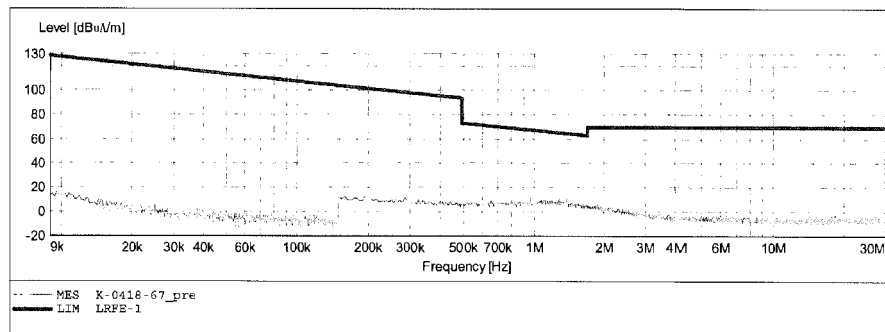
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5745MHz
 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

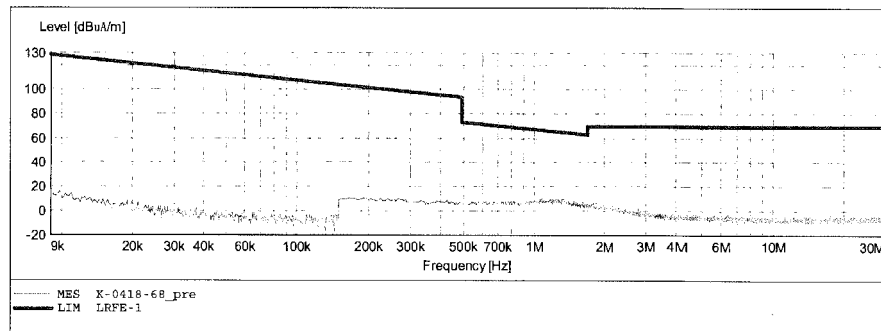


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5745MHz
 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

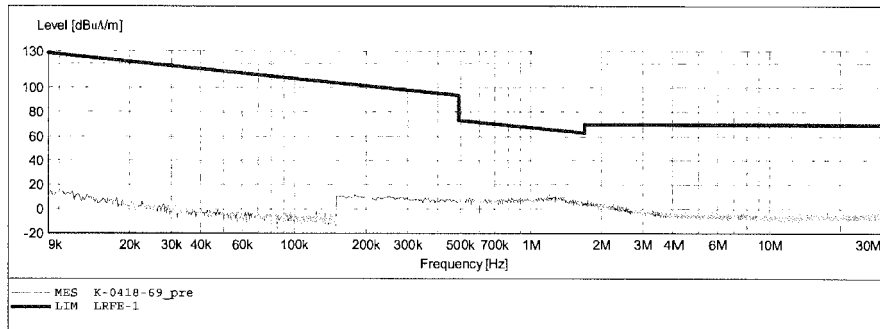


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5745MHz
 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

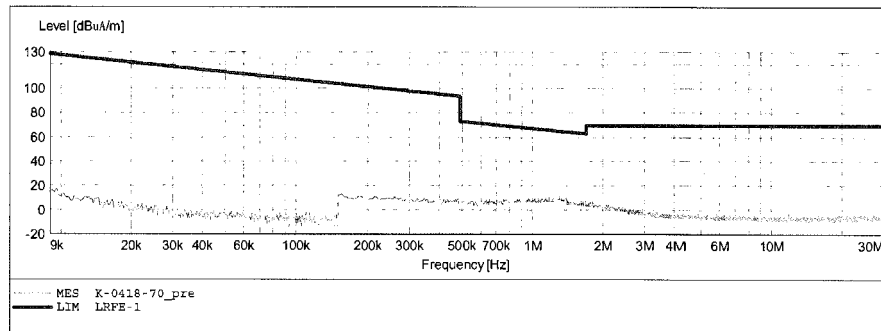


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5765MHz
 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

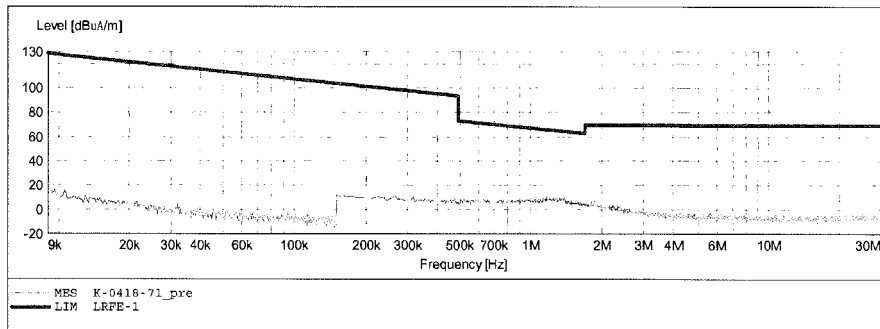


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5765MHz
 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

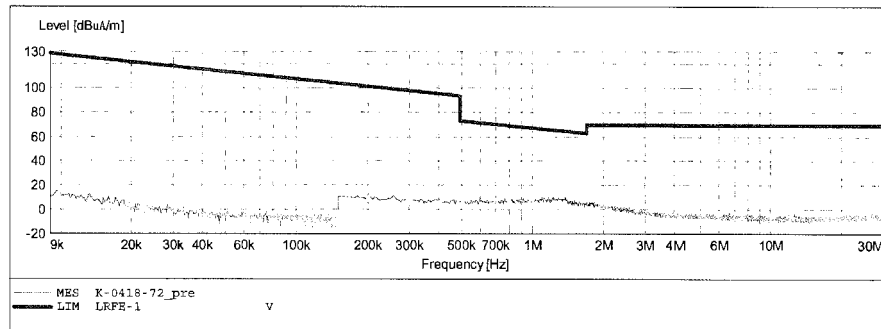


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5765MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

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

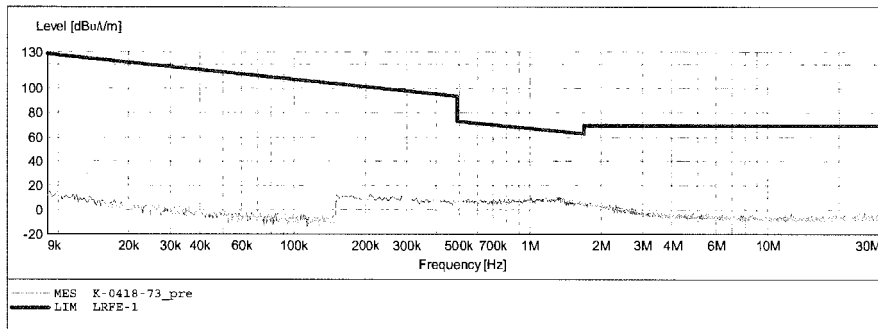


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5785MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width		Time	Bandw.	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

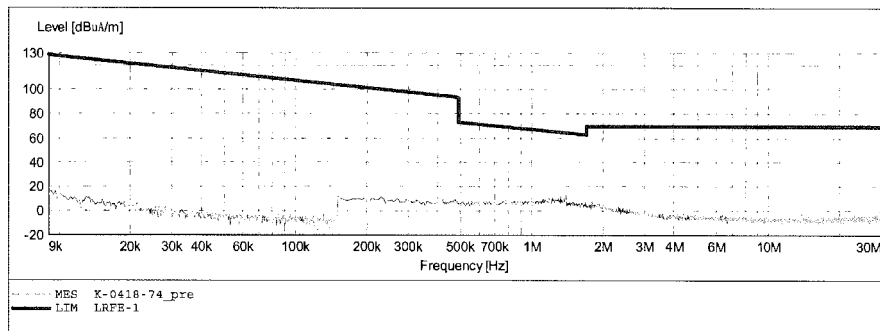


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5785MHz
 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

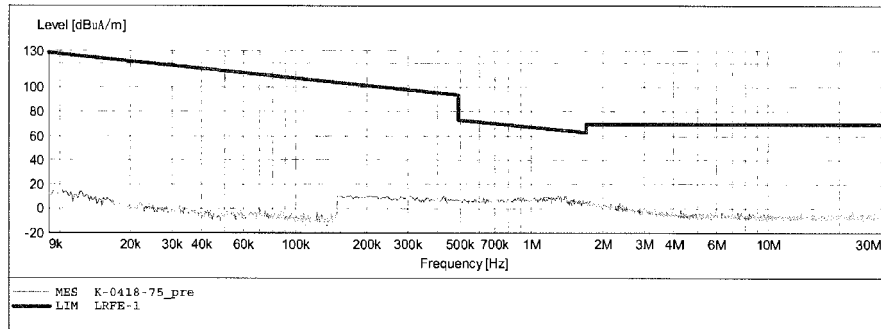


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5785MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

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

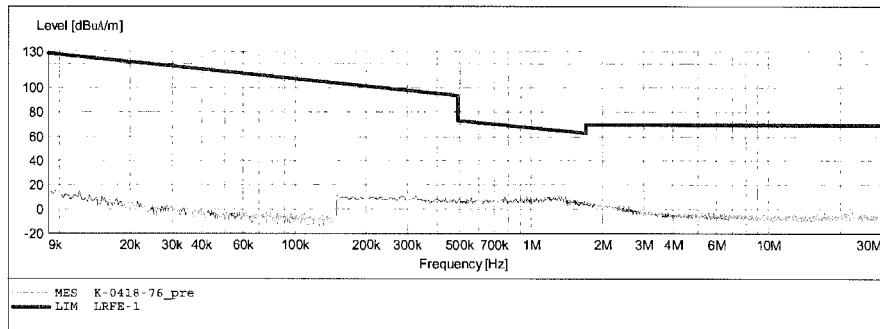


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5805MHz
 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
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

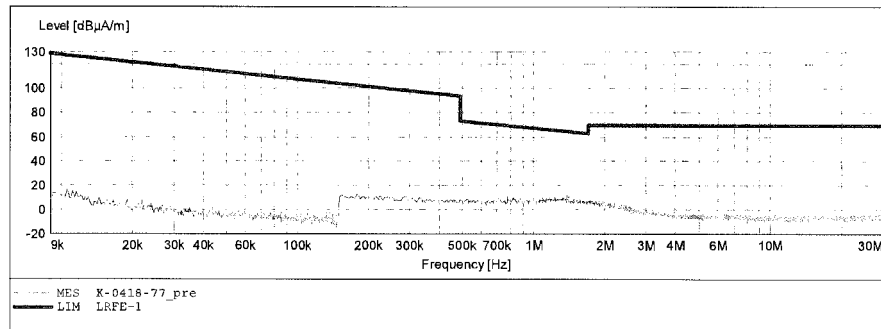


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5805MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y

SCAN TABLE: "LRFE 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

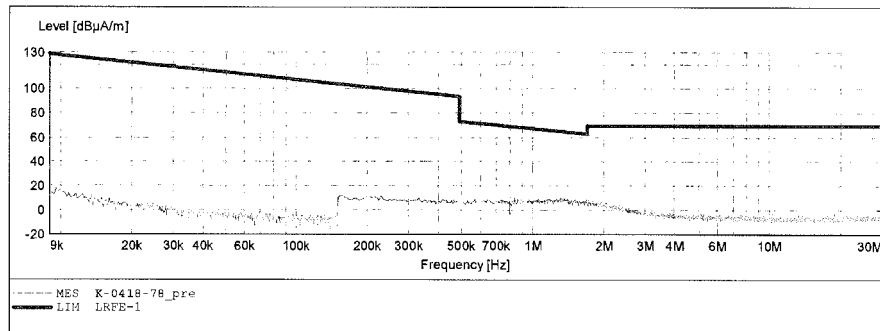


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5805MHz
 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

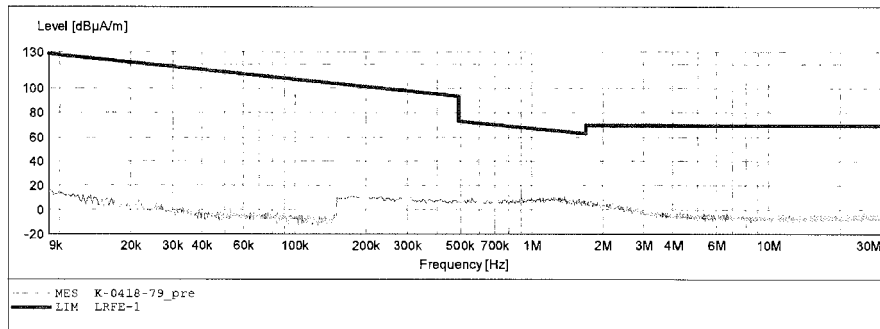


ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5825MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

SCAN TABLE: "LRFE 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

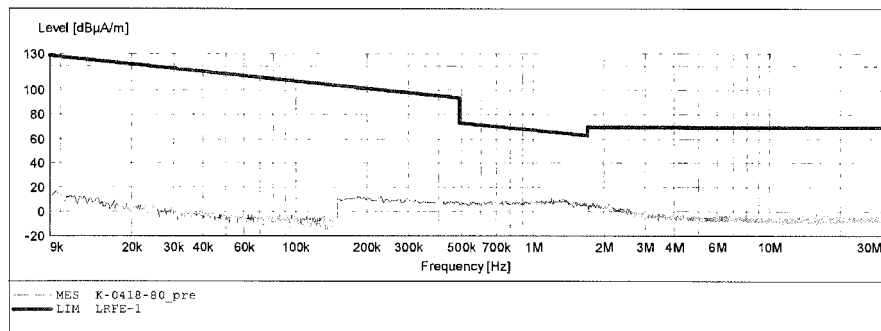


ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5825MHz
 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

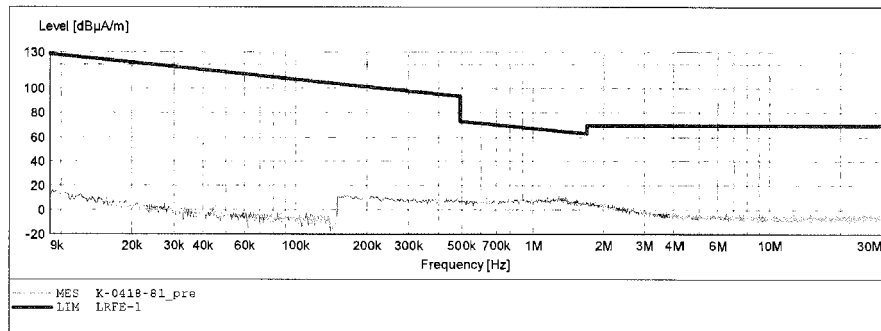


ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5825MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

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




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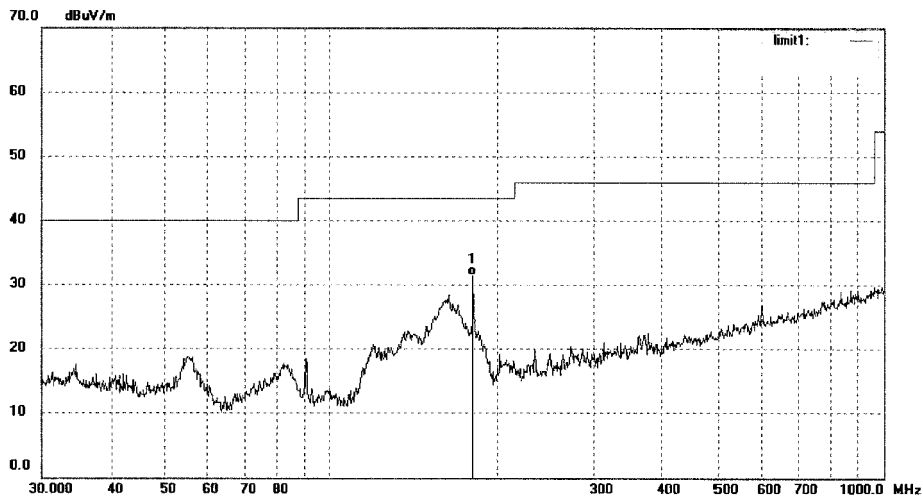
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #386	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	44.76	-13.28	31.48	43.50	-12.02	QP			


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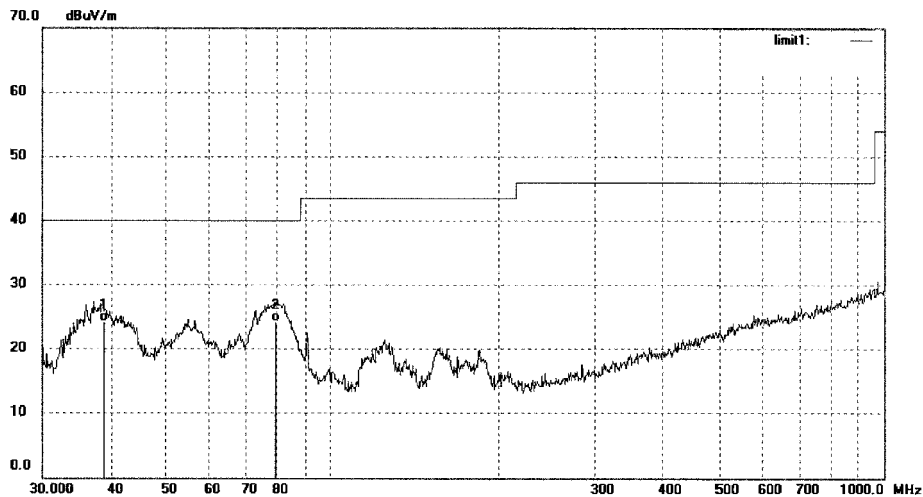
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #387	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.6160	35.39	-11.23	24.16	40.00	-15.84	QP			
2	79.5208	40.71	-16.54	24.17	40.00	-15.83	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 #389

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 5765MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

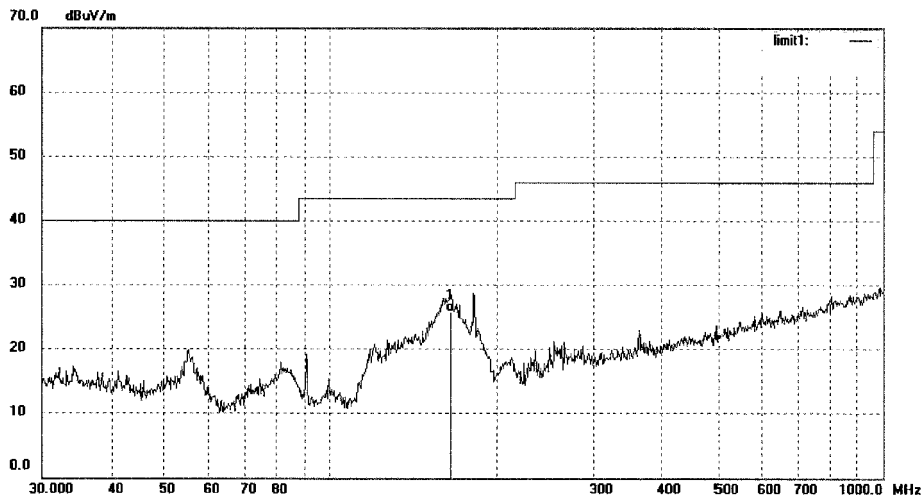
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	164.9074	40.35	-14.46	25.89	43.50	-17.61	QP			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #388

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 5765MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

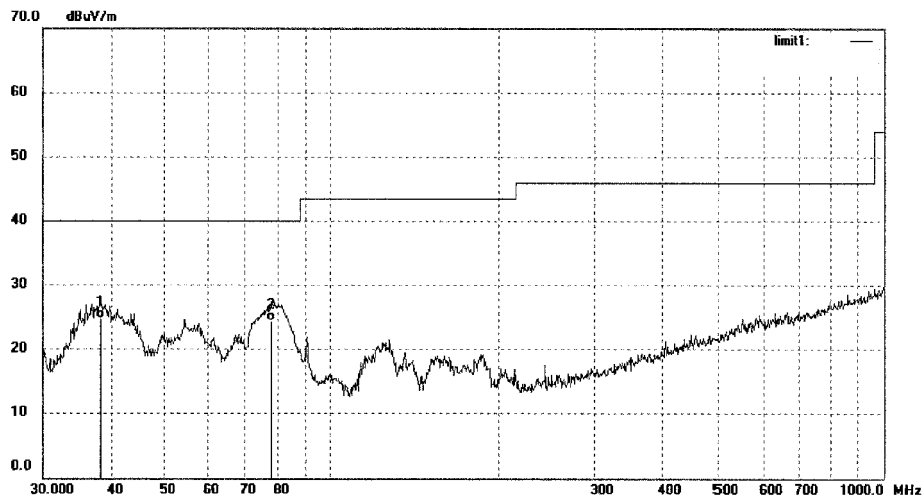
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.2120	35.82	-11.14	24.68	40.00	-15.32	QP			
2	78.1389	40.99	-16.61	24.38	40.00	-15.62	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 #390

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 5785MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

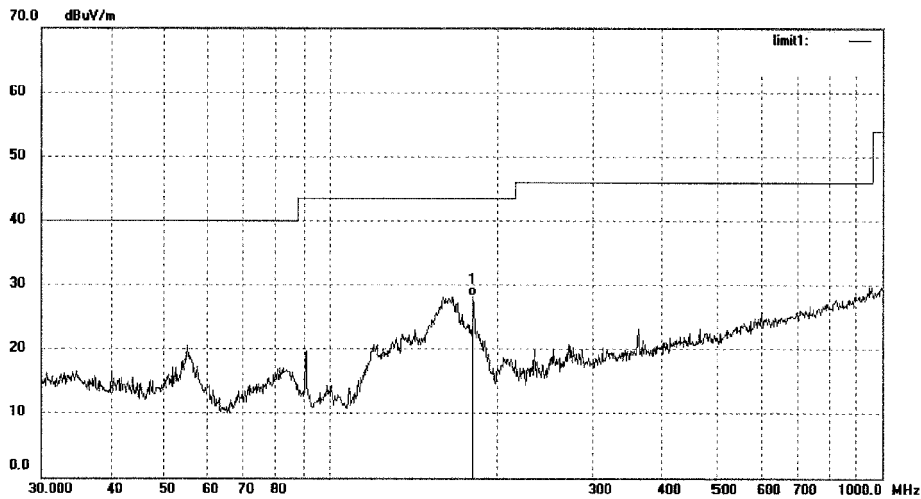
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



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	41.63	-13.28	28.35	43.50	-15.15	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

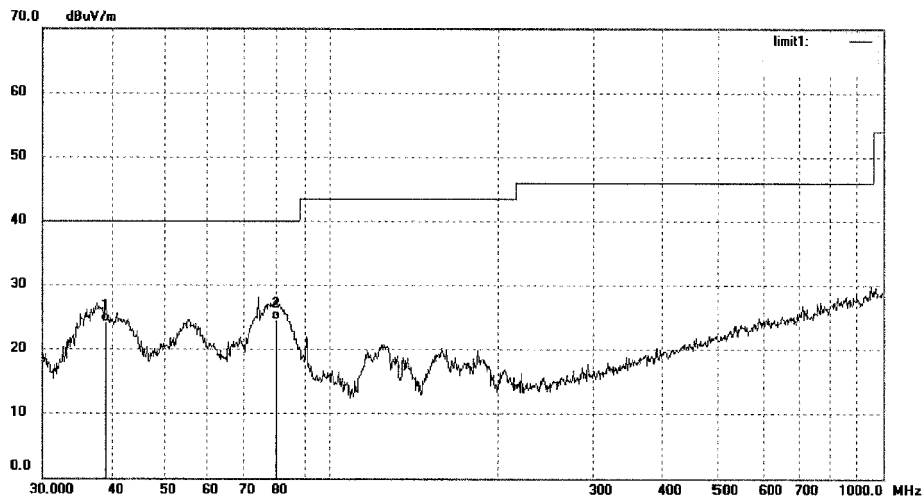
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #391	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 5785MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.0245	35.65	-11.33	24.32	40.00	-15.68	QP			
2	79.8003	41.19	-16.52	24.67	40.00	-15.33	QP			


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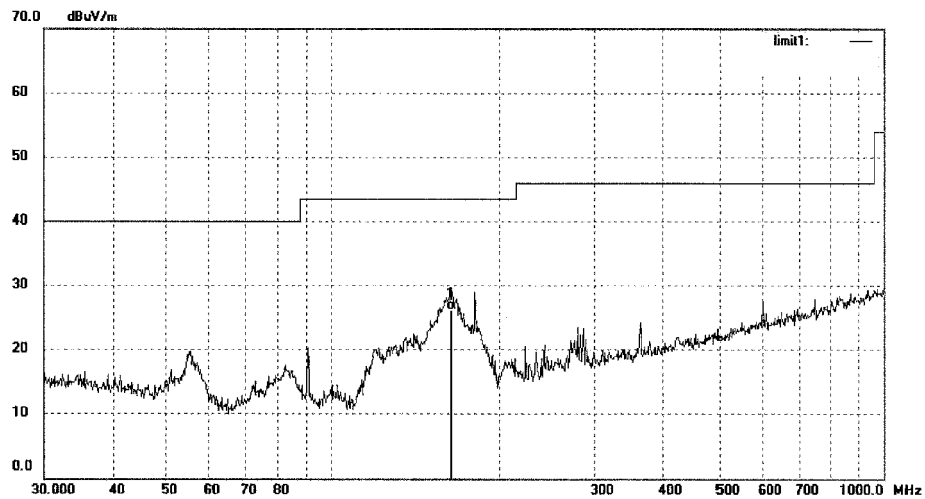
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #393	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 5805MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	164.3301	40.69	-14.48	26.21	43.50	-17.29	QP			


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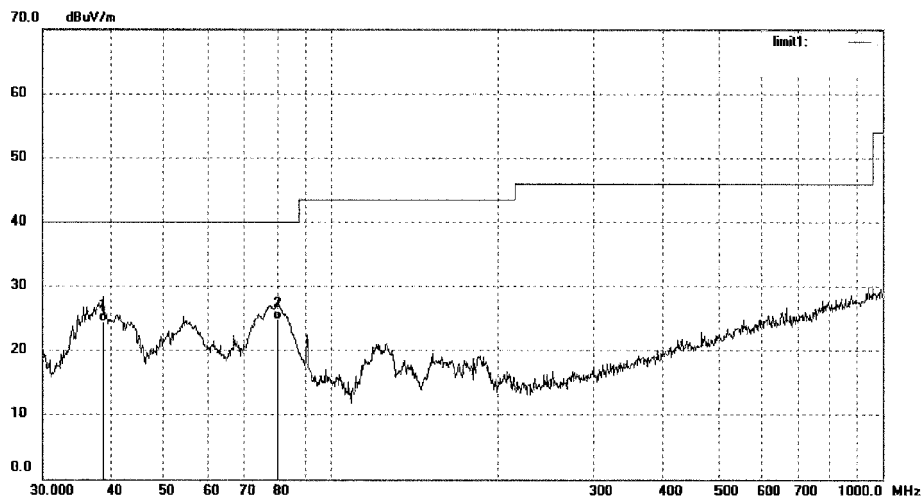
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #392	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 5805MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.7518	35.75	-11.26	24.49	40.00	-15.51	QP			
2	80.3619	41.17	-16.43	24.74	40.00	-15.26	QP			


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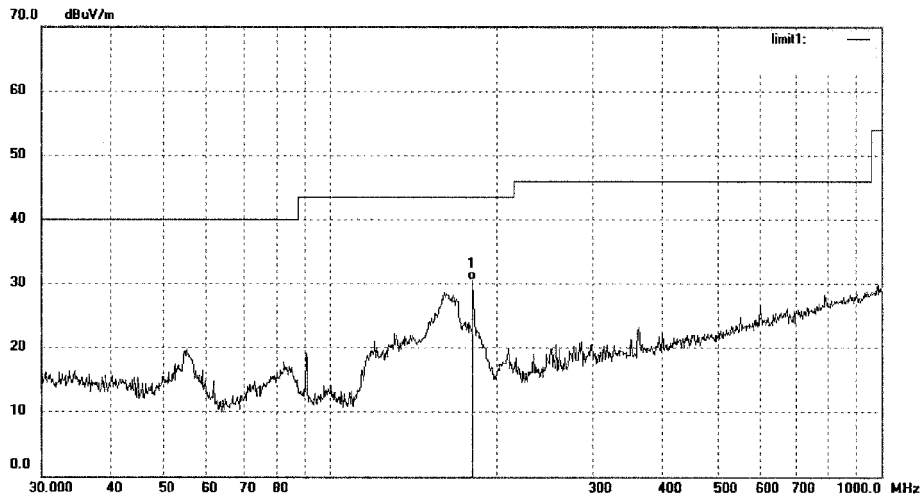
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #394	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	43.74	-13.28	30.46	43.50	-13.04	QP			


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Job No.: YULIAH #395

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 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

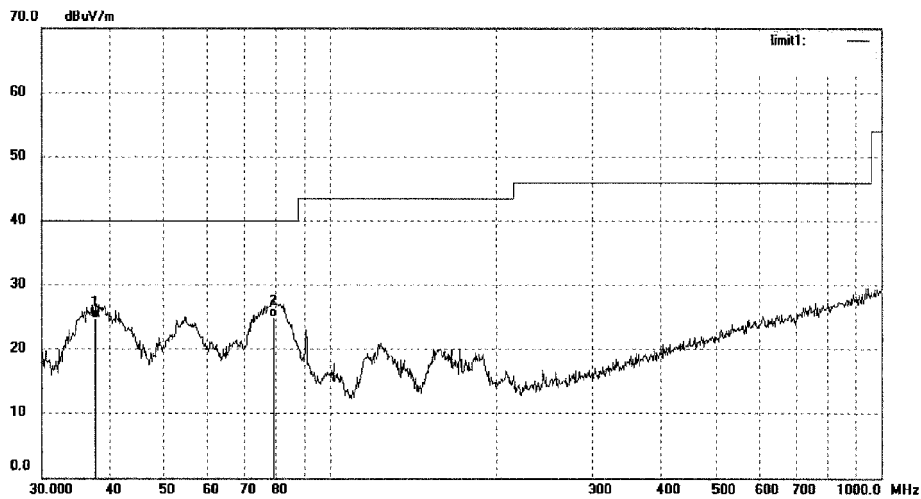
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



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	35.84	-11.02	24.82	40.00	-15.18	QP			
2	78.9652	41.51	-16.57	24.94	40.00	-15.06	QP			


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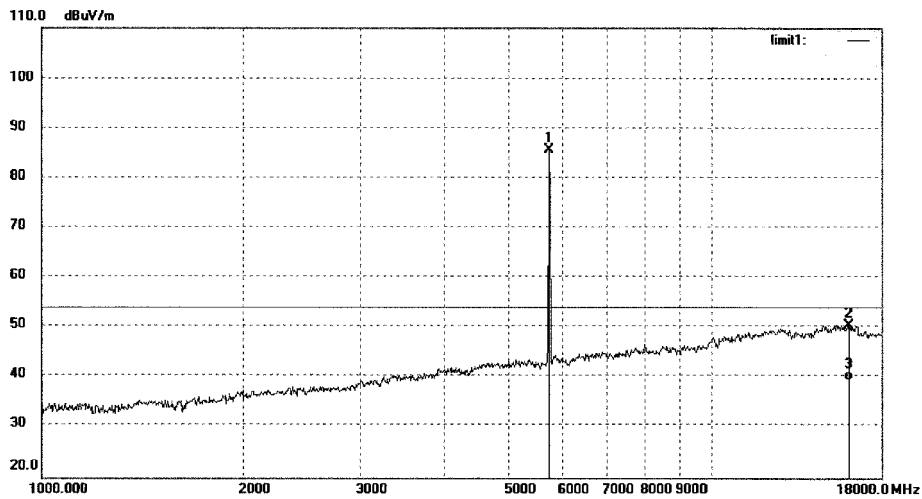
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #465	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5745.000	84.00	1.50	85.50	/	/	peak			
2	16127.689	10.41	40.08	50.49	74.00	-23.51	peak			
3	16127.689	-0.72	40.08	39.36	54.00	-14.64	AVG			


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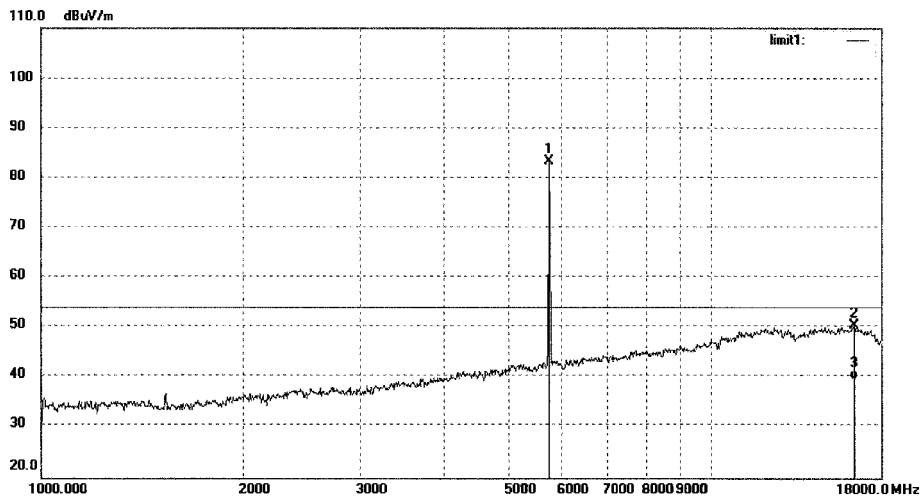
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #466	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5745.000	81.85	1.50	83.35	/	/	peak			
2	16457.318	10.28	40.27	50.55	74.00	-23.45	peak			
3	16457.318	-0.47	40.27	39.80	54.00	-14.20	AVG			


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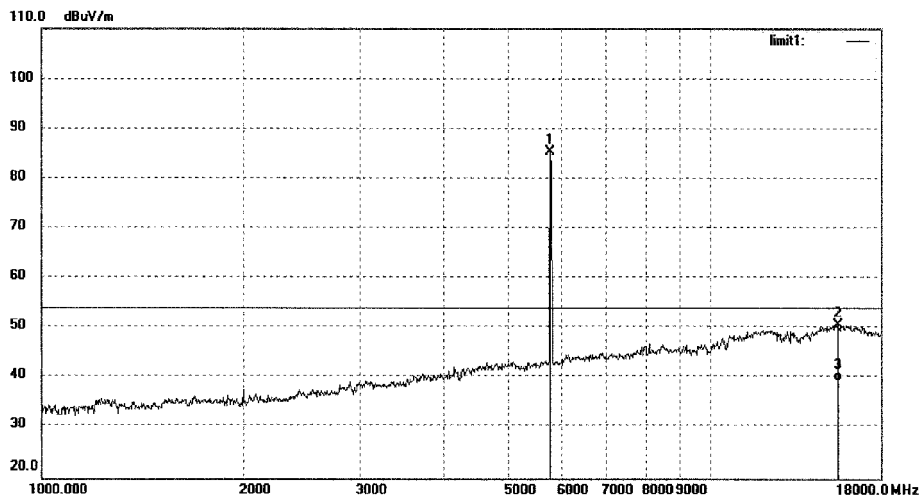
Site: 2# Chamber

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Job No.: YULIAH #468	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 5765MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5765.000	83.68	1.68	85.36	/	/	peak			
2	15577.899	10.72	40.08	50.80	74.00	-23.20	peak			
3	15577.899	-0.66	40.08	39.42	54.00	-14.58	AVG			


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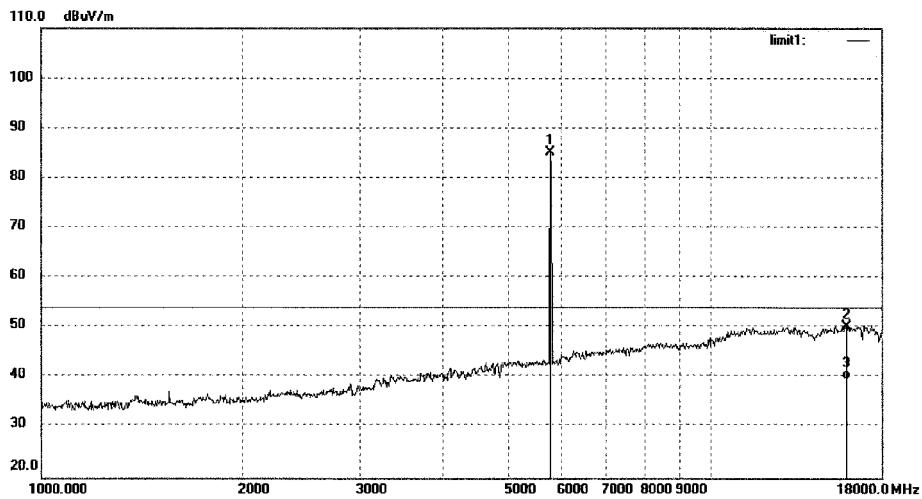
Site: 2# Chamber

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Job No.: YULIAH #467	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 5765MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5765.000	83.38	1.68	85.06	/	/	peak			
2	15988.449	10.36	40.00	50.36	74.00	-23.64	peak			
3	15988.449	-0.25	40.00	39.75	54.00	-14.25	AVG			


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Job No.: YULIAH #469

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 5785MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

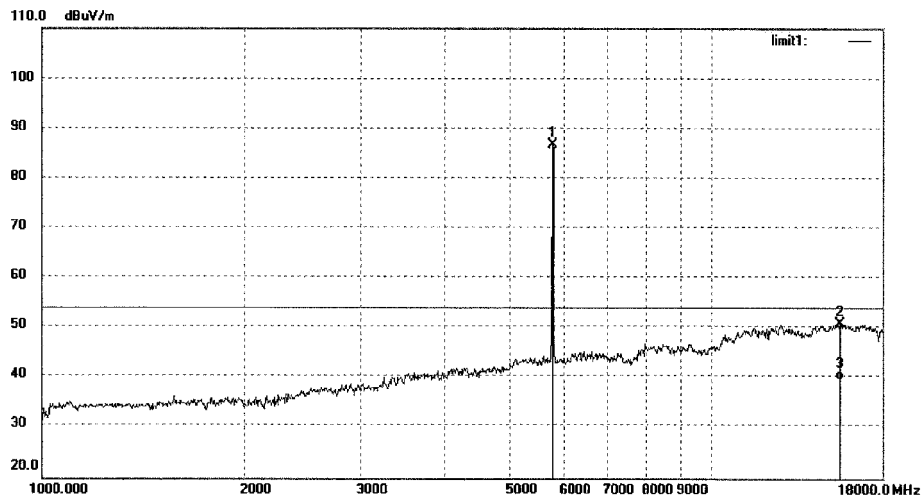
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5785.000	84.96	1.86	86.82	/	/	peak			
2	15577.899	10.77	40.08	50.85	74.00	-23.15	peak			
3	15577.899	-0.49	40.08	39.59	54.00	-14.41	AVG			


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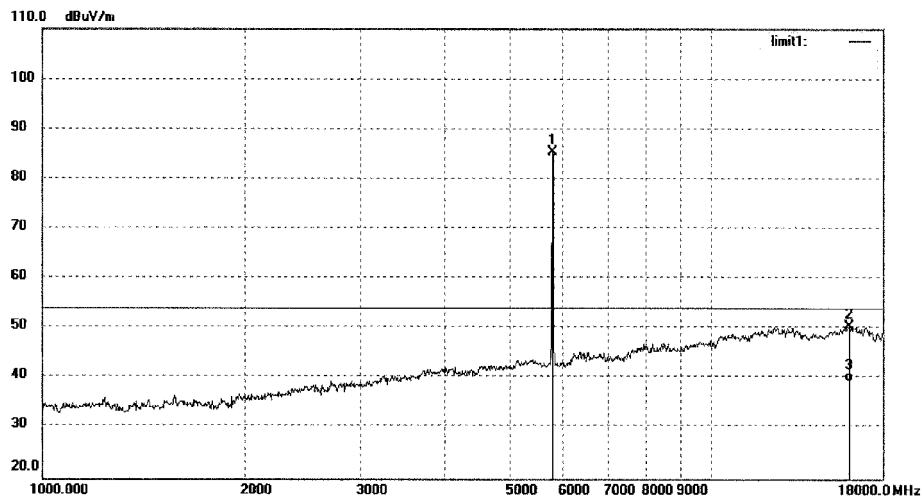
Site: 2# Chamber

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Job No.: YULIAH #470	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 5785MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5785.000	83.40	1.86	85.26	/	/	peak			
2	16034.728	10.51	40.02	50.53	74.00	-23.47	peak			
3	16034.728	-0.58	40.02	39.44	54.00	-14.56	AVG			


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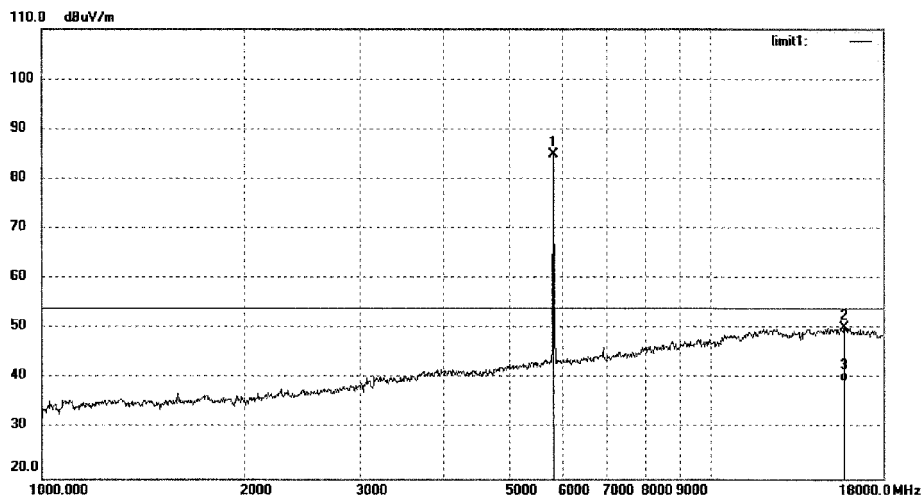
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #472	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 5805MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5805.000	82.86	1.98	84.84	/	/	peak			
2	15759.048	10.17	40.05	50.22	74.00	-23.78	peak			
3	15759.048	-0.63	40.05	39.42	54.00	-14.58	AVG			


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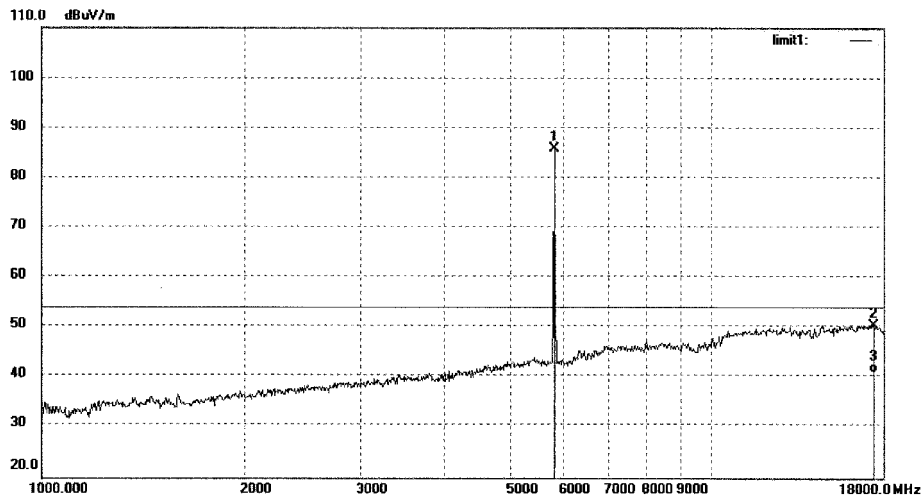
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #471	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 5805MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5805.000	83.79	1.98	85.77	/	/	peak			
2	17436.709	7.13	43.45	50.58	74.00	-23.42	peak			
3	17436.709	-2.33	43.45	41.12	54.00	-12.88	AVG			


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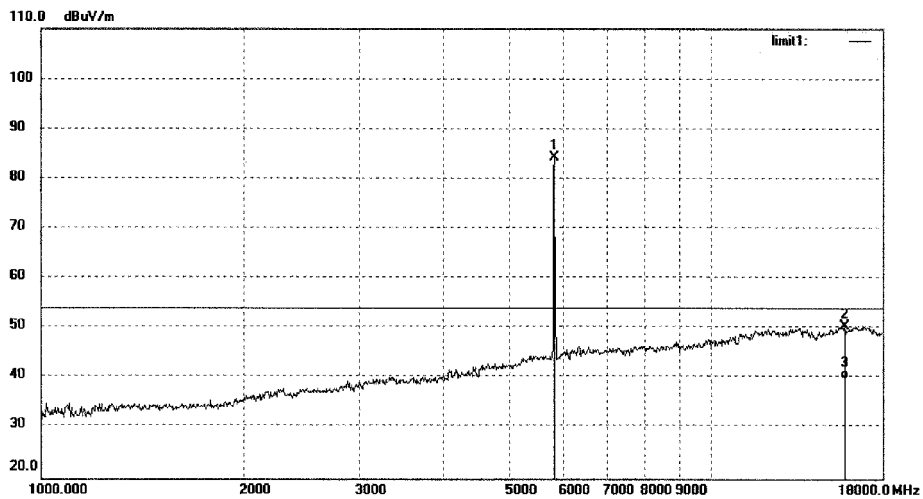
Site: 2# Chamber

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Job No.: YULIAH #473	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5825.000	82.36	1.97	84.33	/	/	peak			
2	15804.663	10.38	40.04	50.42	74.00	-23.58	peak			
3	15804.663	-0.18	40.04	39.86	54.00	-14.14	AVG			


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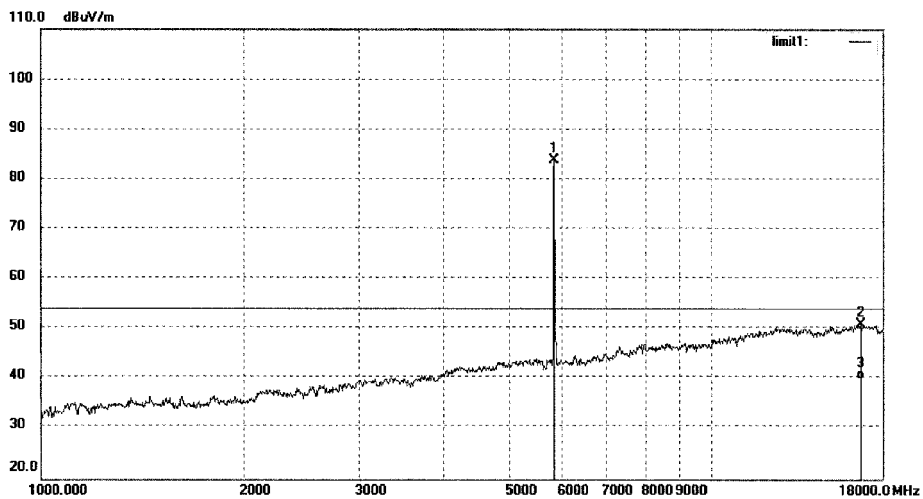
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #474	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5825.000	81.89	1.97	83.86	/	/	peak			
2	16696.884	10.08	40.85	50.93	74.00	-23.07	peak			
3	16696.884	-0.85	40.85	40.00	54.00	-14.00	AVG			


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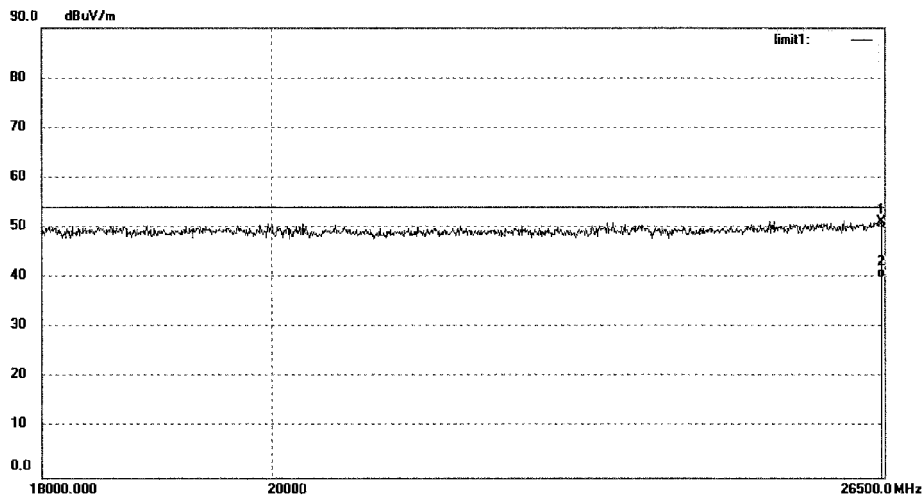
Site: 2# Chamber

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Job No.: YULIAH #620	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.62	16.50	51.12	74.00	-22.88	peak			
2	26469.208	23.45	16.50	39.95	54.00	-14.05	AVG			


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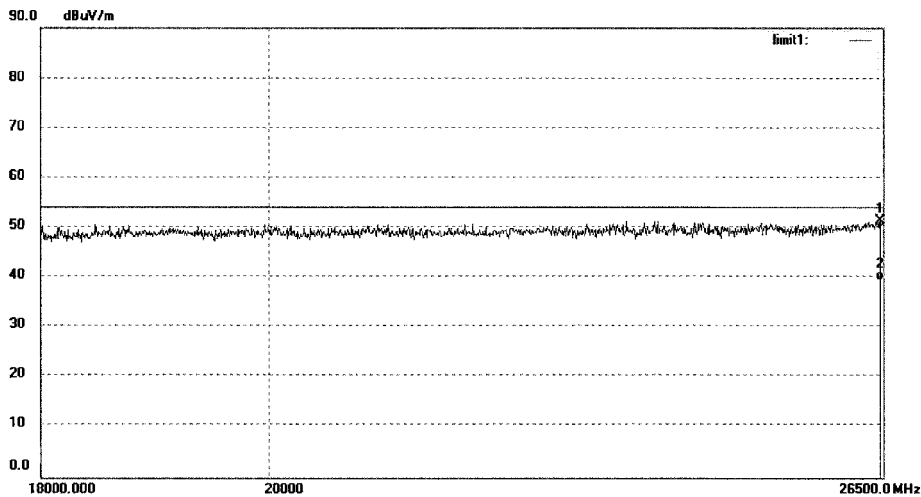
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #619	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.48	16.92	51.40	74.00	-22.60	peak			
2	26469.208	22.65	16.92	39.57	54.00	-14.43	AVG			


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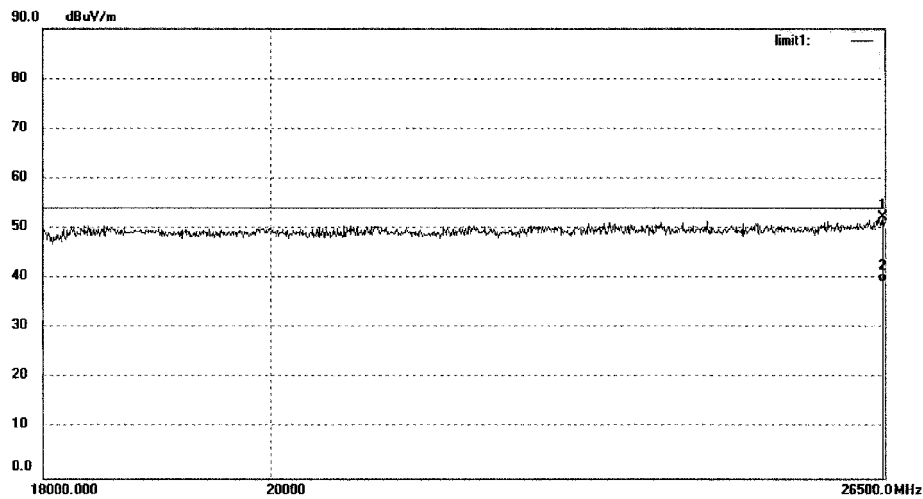
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #621	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 5765MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26479.468	35.72	16.50	52.22	74.00	-21.78	peak			
2	26479.468	22.70	16.50	39.20	54.00	-14.80	AVG			


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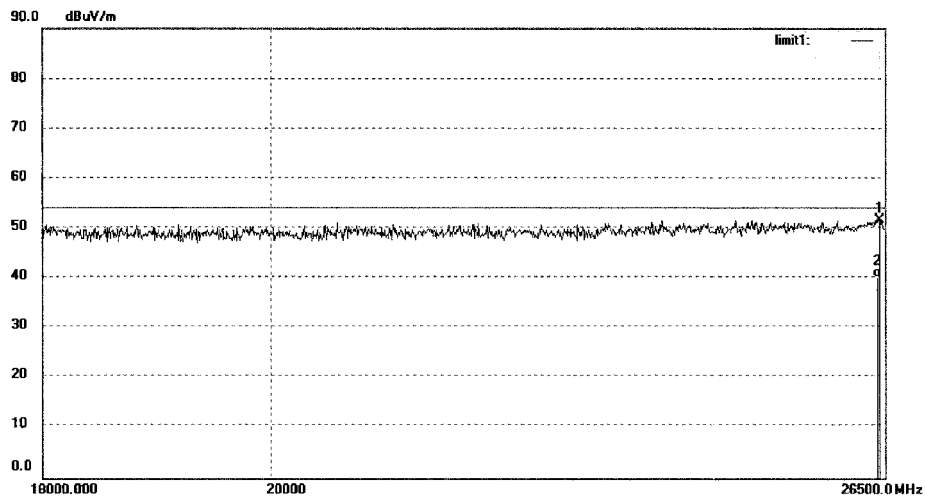
Site: 2# Chamber

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Job No.: YULIAH #622	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 5765MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.67	16.94	51.61	74.00	-22.39	peak			
2	26438.451	23.20	16.94	40.14	54.00	-13.86	AVG			


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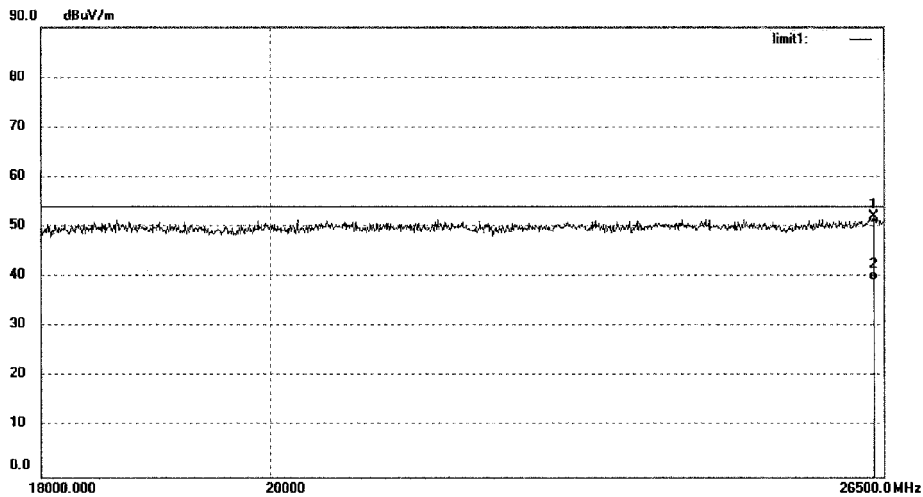
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #624	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 5785MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	35.53	16.50	52.03	74.00	-21.97	peak			
2	26387.270	22.70	16.50	39.20	54.00	-14.80	AVG			


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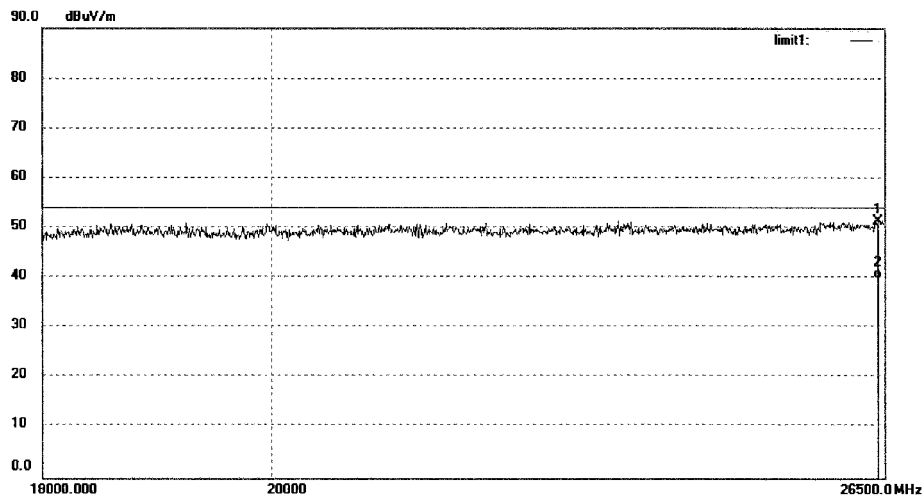
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #623	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 5785MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.56	16.95	51.51	74.00	-22.49	peak			
2	26428.207	22.94	16.95	39.89	54.00	-14.11	AVG			


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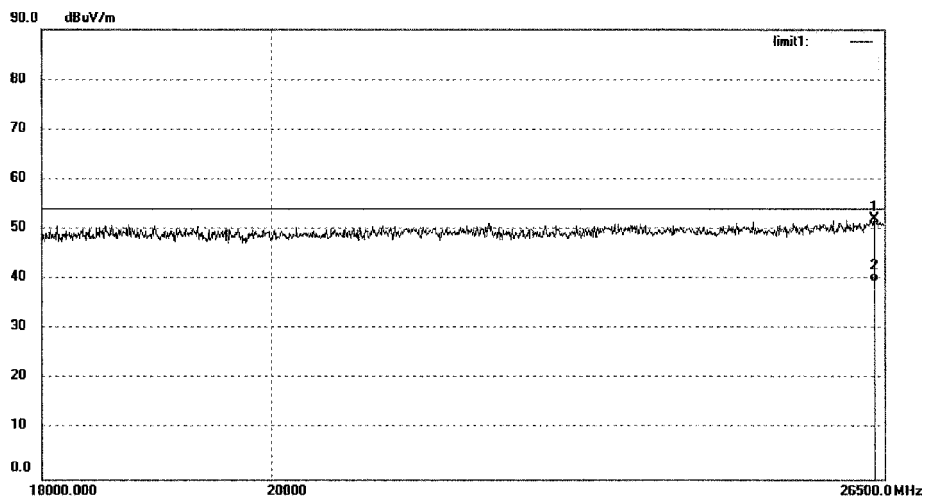
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #625	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 5805MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	35.49	16.50	51.99	74.00	-22.01	peak			
2	26387.270	22.88	16.50	39.38	54.00	-14.62	AVG			


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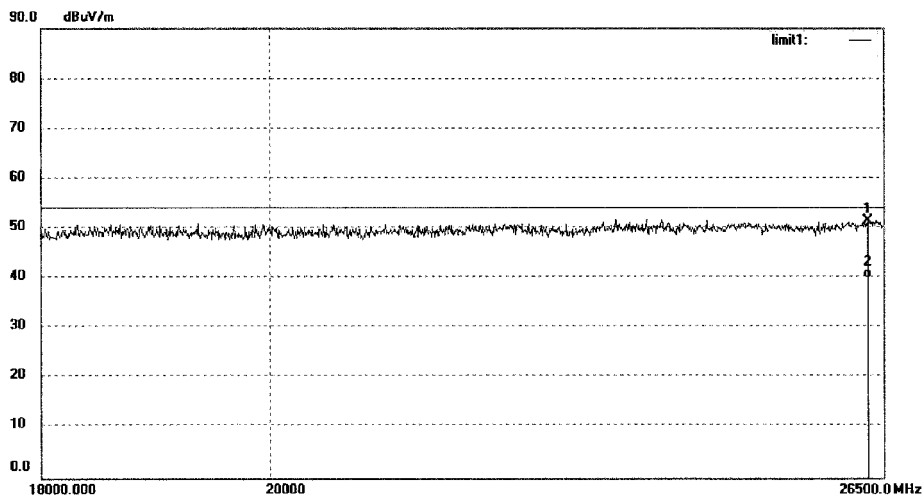
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #626	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 5805MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.31	17.02	51.33	74.00	-22.67	peak			
2	26315.783	22.84	17.02	39.86	54.00	-14.14	AVG			


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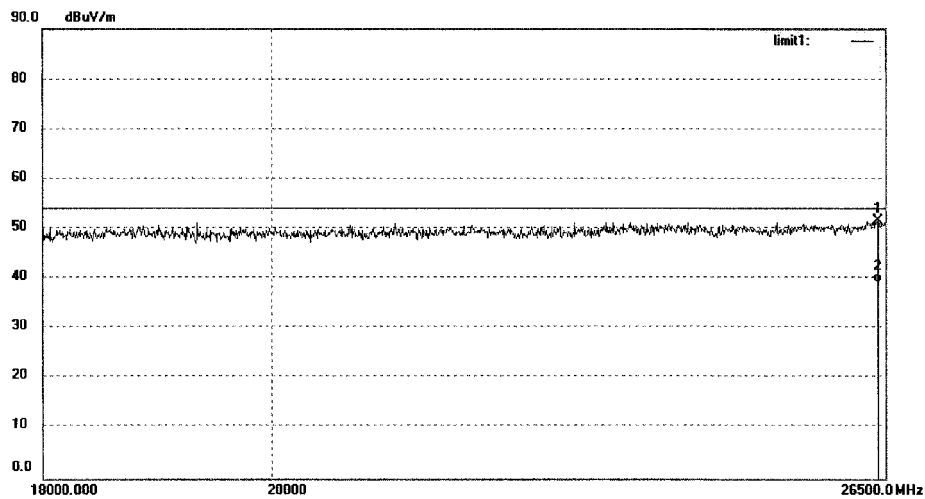
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #628	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	35.20	16.50	51.70	74.00	-22.30	peak			
2	26417.967	22.74	16.50	39.24	54.00	-14.76	AVG			


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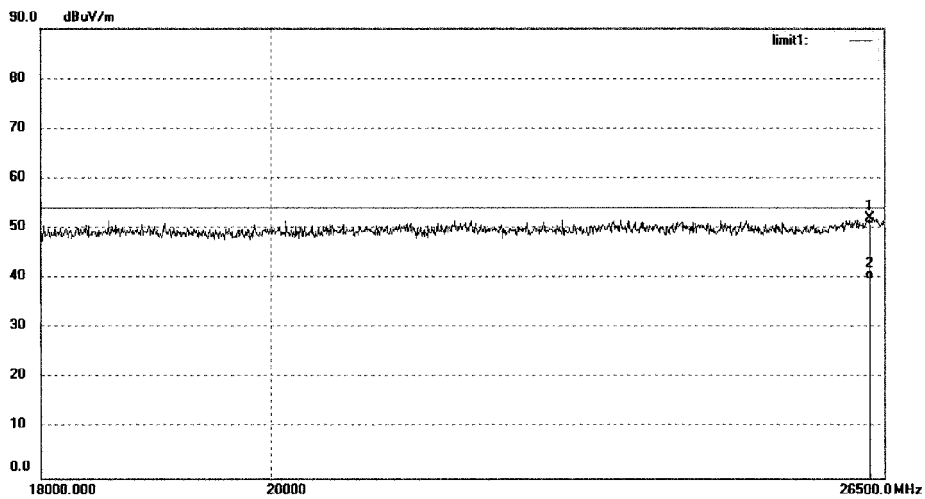
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #627	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26325.983	34.98	17.02	52.00	74.00	-22.00	peak			
2	26325.983	22.79	17.02	39.81	54.00	-14.19	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

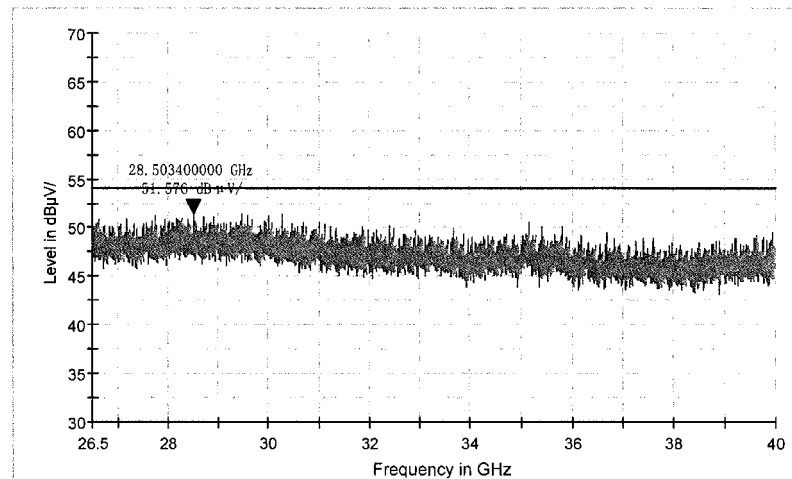
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5845MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

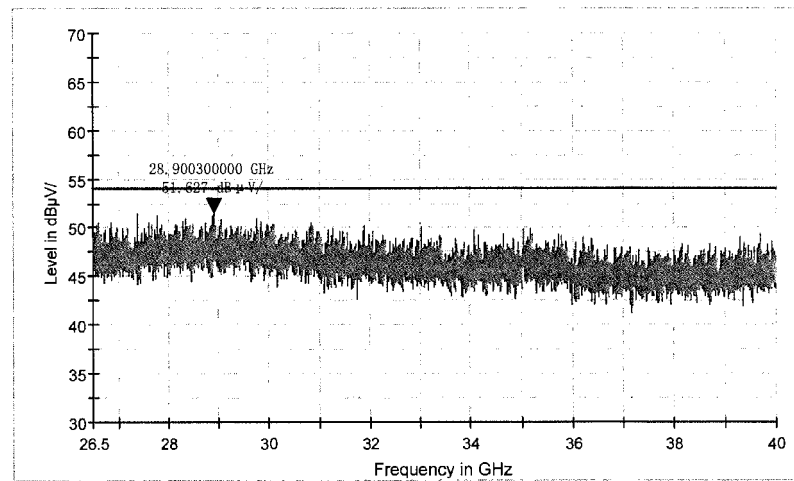
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5745MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

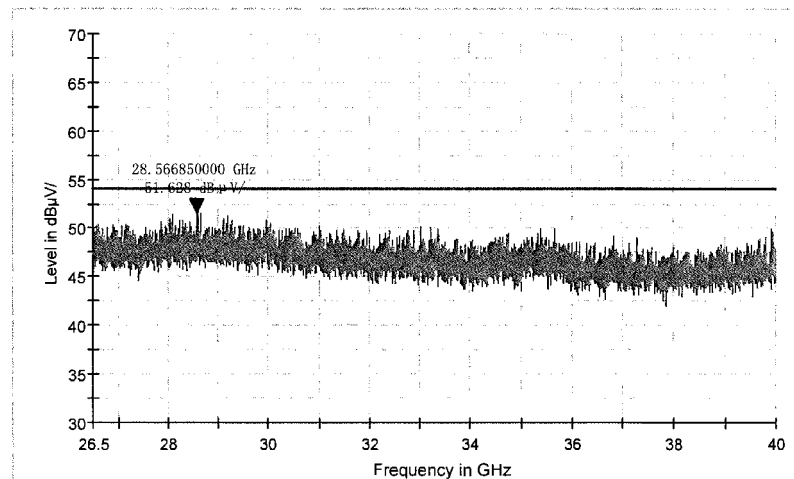
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5765MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

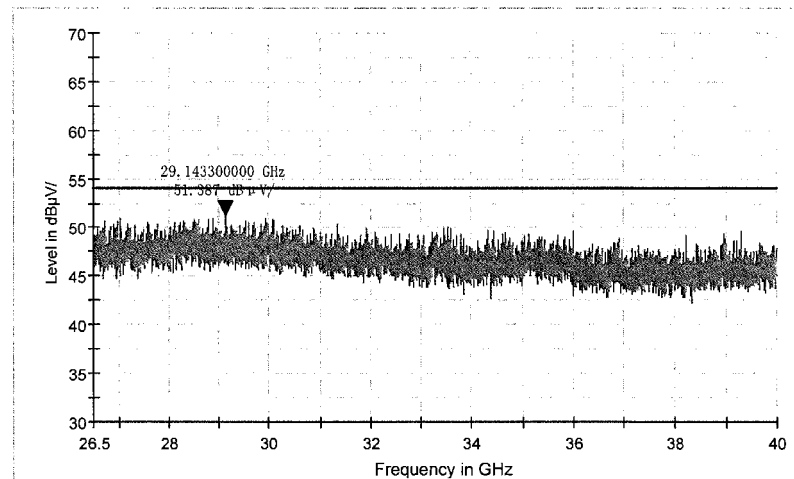
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5765MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

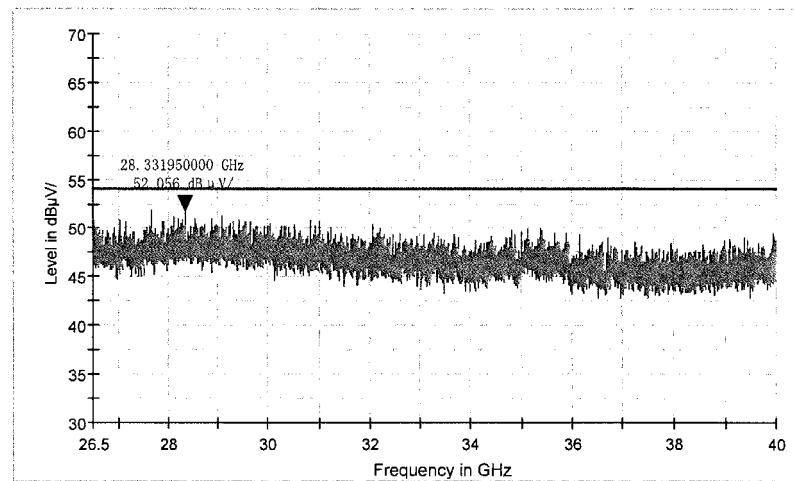
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5785MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

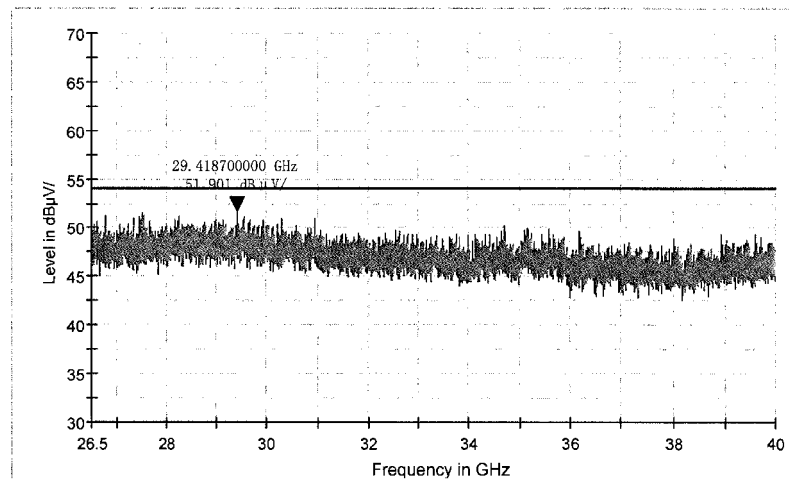
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5785MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

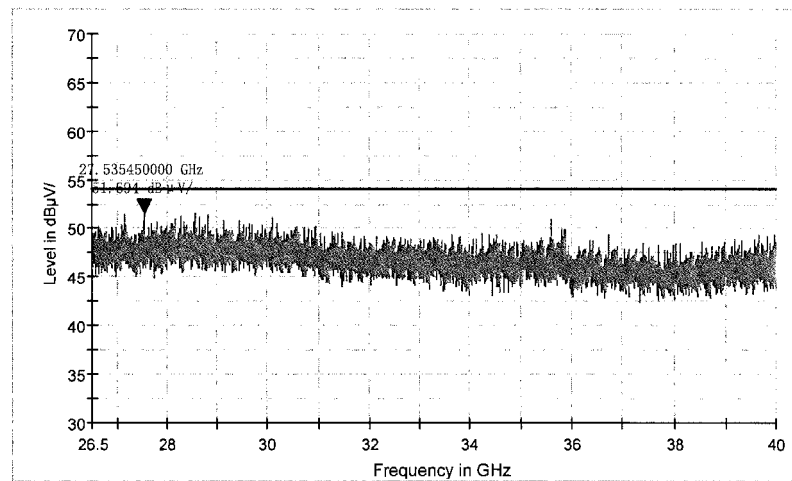
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5805MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

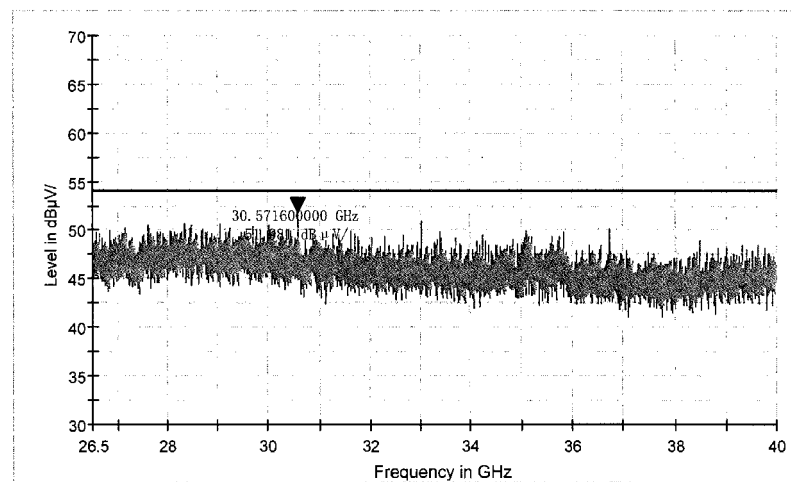
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5805MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

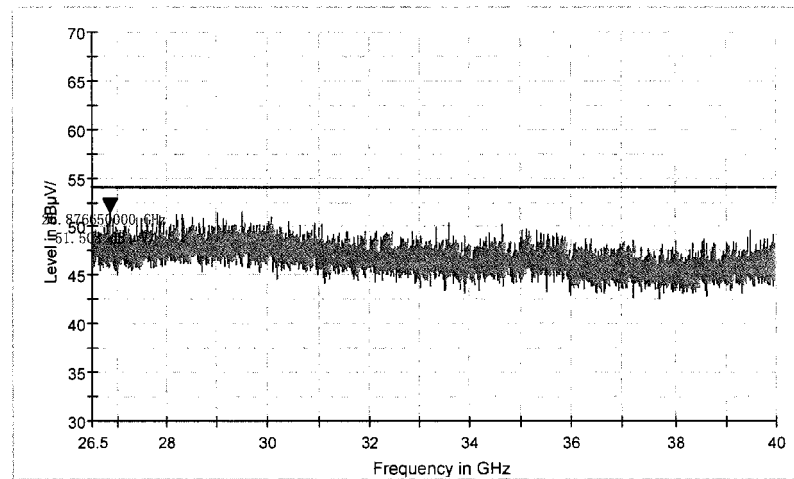
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5825MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

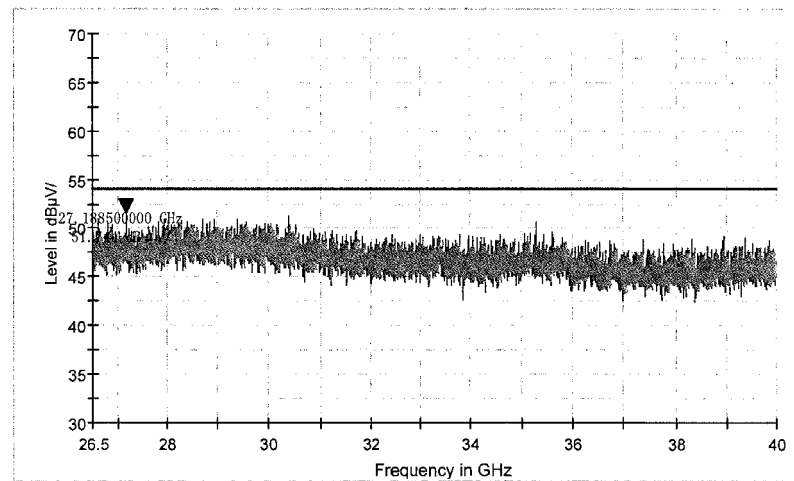
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5825MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



Prüfbericht - Nr.: 17048716 003
Test Report No.
Seite 129 von 203
Page 129 of 203

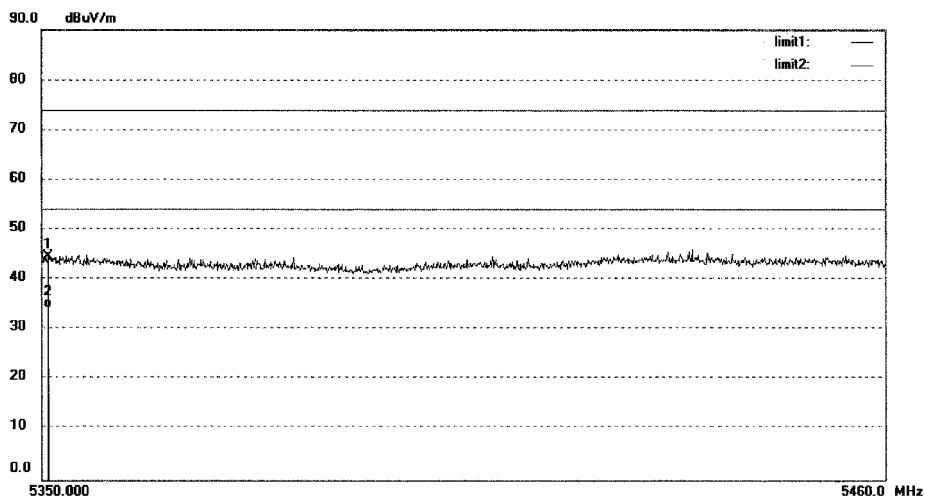
Test Plot of Band Edge of 802.11a Band 4


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

Job No.: YULIAH #480	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.770	43.87	0.84	44.71	74.00	-29.29	peak			
2	5350.770	33.56	0.84	34.40	54.00	-19.60	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #479

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5745MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

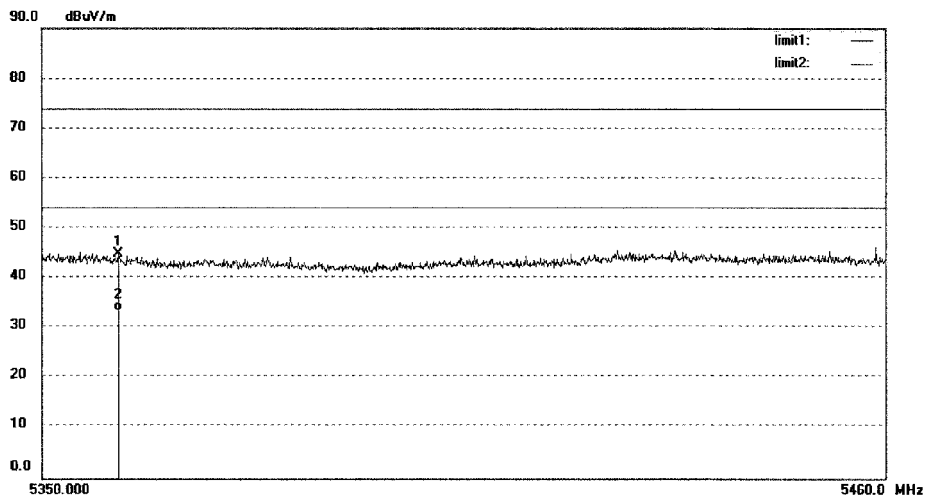
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5359.900	44.07	0.80	44.87	74.00	-29.13	peak			
2	5359.900	32.63	0.80	33.43	54.00	-20.57	AVG			


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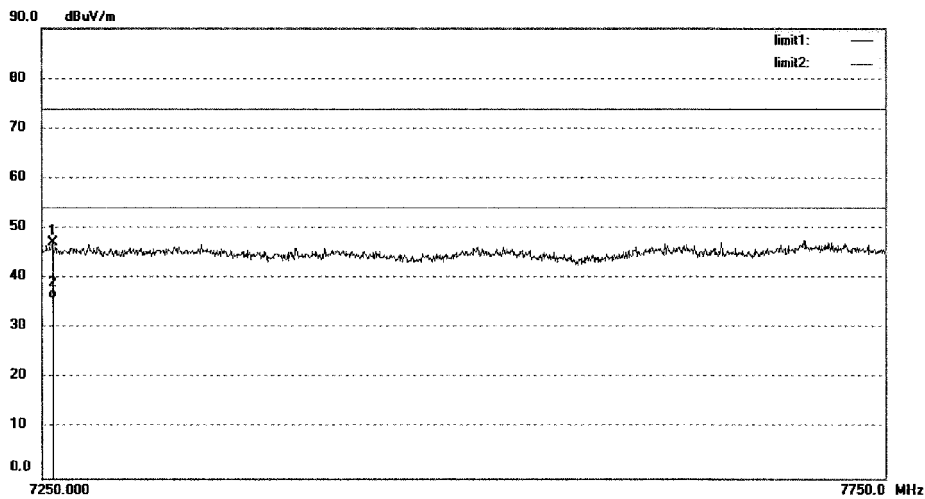
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #481	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



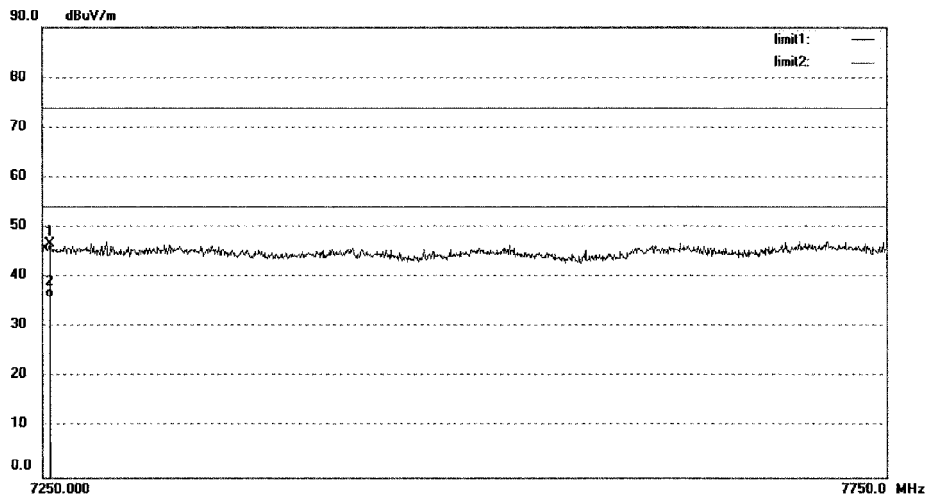
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7256.000	44.16	3.09	47.25	74.00	-26.75	peak			
2	7256.000	32.89	3.09	35.98	54.00	-18.02	AVG			


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 Fax:+86-0755-26503396

Job No.: YULIAH #482	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7254.000	43.65	3.08	46.73	74.00	-27.27	peak			
2	7254.000	32.76	3.08	35.84	54.00	-18.16	AVG			

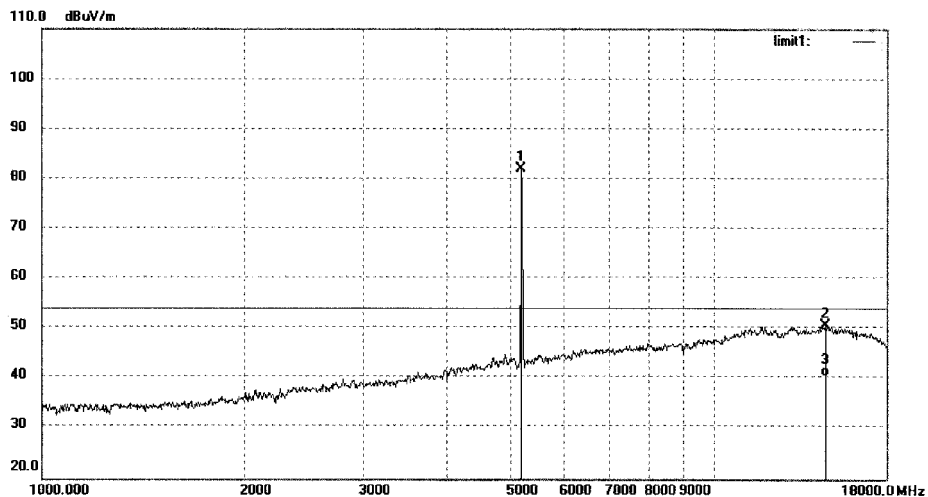
Test Plot of Spurious Emission of above 1GHz for IC of 802.11a Band 1


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

Job No.: YULIAH #544	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



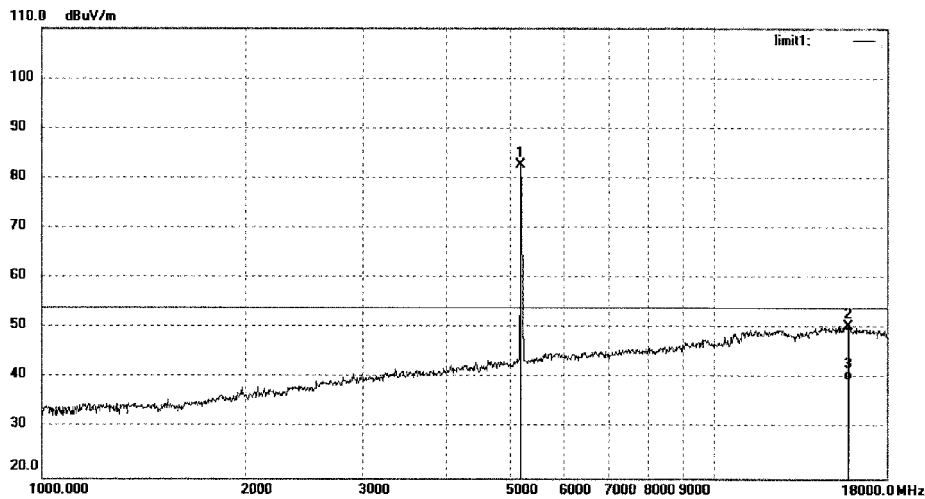
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	81.45	0.61	82.06	/	/	peak			
2	14660.479	8.51	42.12	50.63	74.00	-23.37	peak			
3	14660.479	-1.53	42.12	40.59	54.00	-13.41	AVG			


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

Job No.: YULIAH #543	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	81.97	0.61	82.58	/	/	peak			
2	15804.663	10.39	40.04	50.43	74.00	-23.57	peak			
3	15804.663	-0.25	40.04	39.79	54.00	-14.21	AVG			

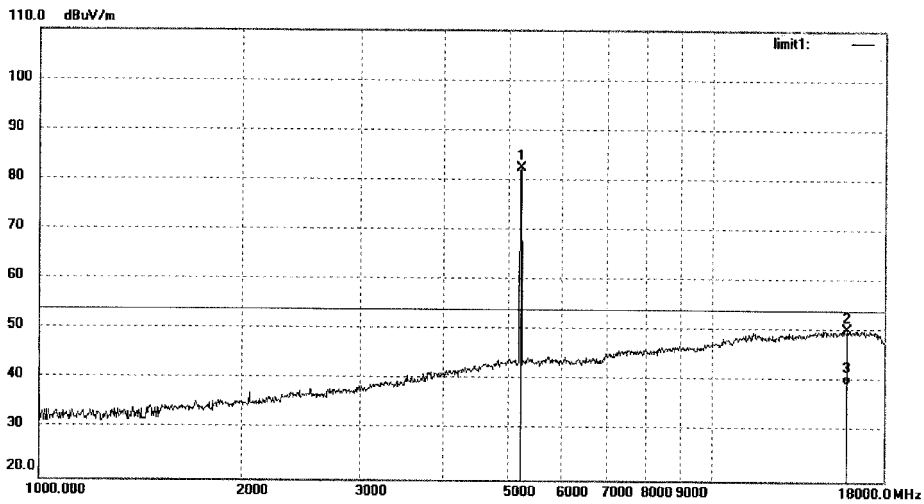

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: YULIAH #545	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 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



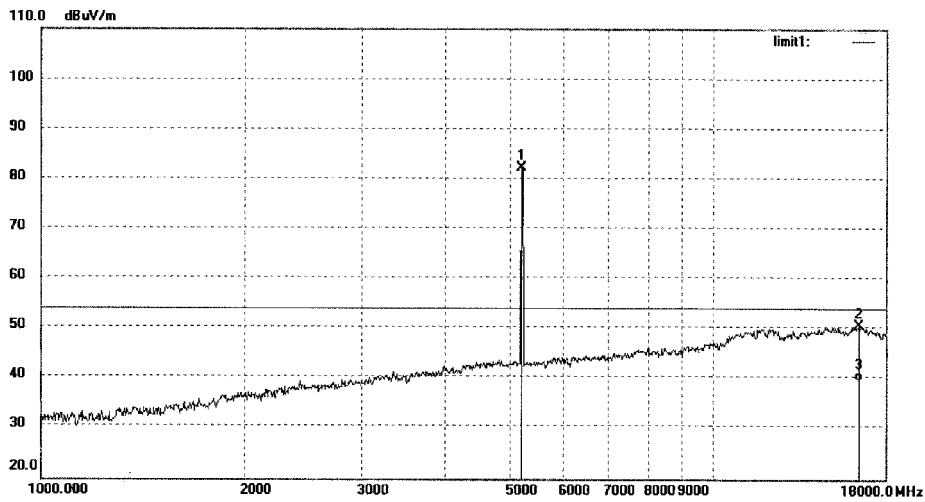
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5200.000	81.69	0.68	82.37	/	/	peak			
2	15896.290	10.14	40.02	50.16	74.00	-23.84	peak			
3	15896.290	-0.47	40.02	39.55	54.00	-14.45	AVG			


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

Job No.: YULIAH #546	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 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a

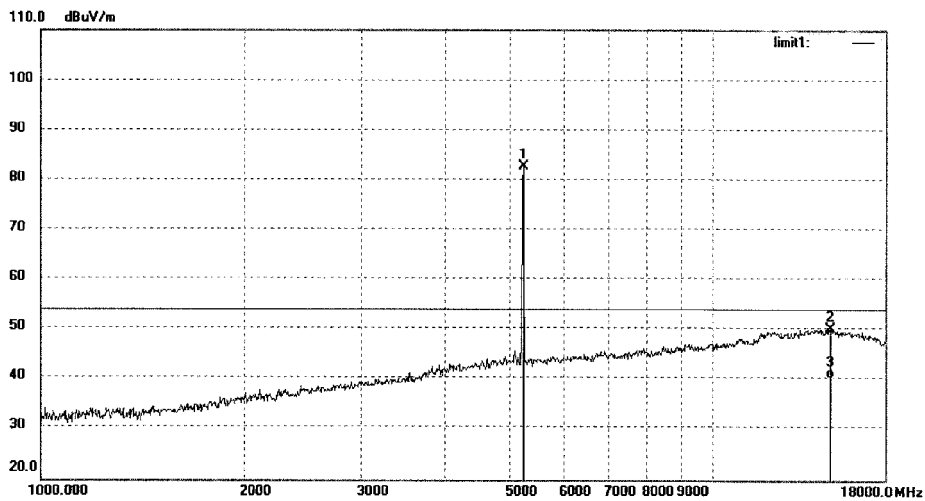


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5200.000	81.46	0.68	82.14	/	/	peak			
2	16457.318	10.50	40.27	50.77	74.00	-23.23	peak			
3	16457.318	-0.65	40.27	39.62	54.00	-14.38	AVG			


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Job No.: YULIAH #548	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 5220MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



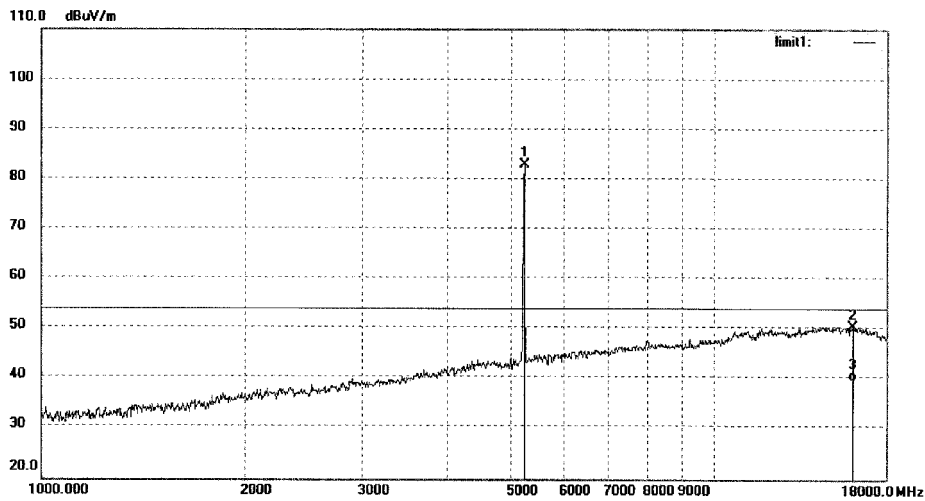
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5220.000	81.88	0.75	82.63	/	/	peak			
2	14916.942	9.02	41.35	50.37	74.00	-23.63	peak			
3	14916.942	-1.06	41.35	40.29	54.00	-13.71	AVG			


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 Fax:+86-0755-26503396

Job No.: YULIAH #547	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 5220MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



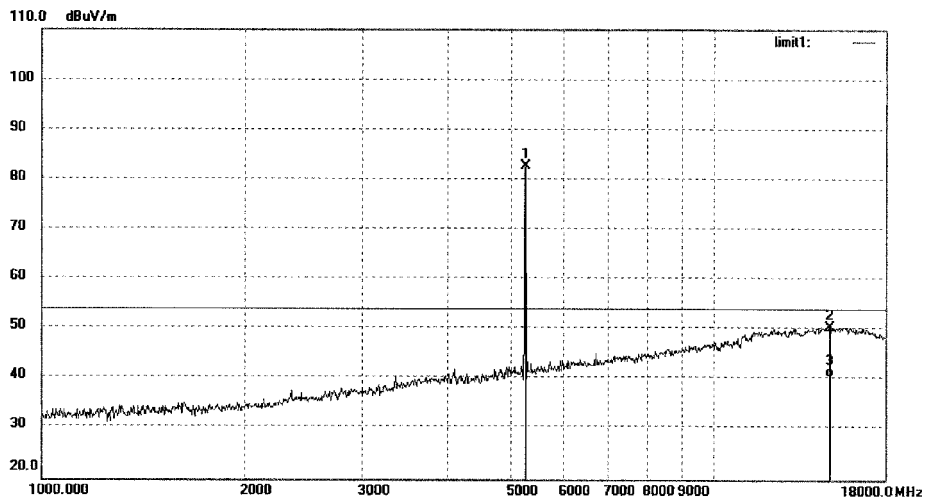
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5220.000	82.23	0.75	82.98	/	/	peak			
2	16034.728	10.48	40.02	50.50	74.00	-23.50	peak			
3	16034.728	-0.35	40.02	39.67	54.00	-14.33	AVG			


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 Fax:+86-0755-26503396

Job No.: YULIAH #549	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



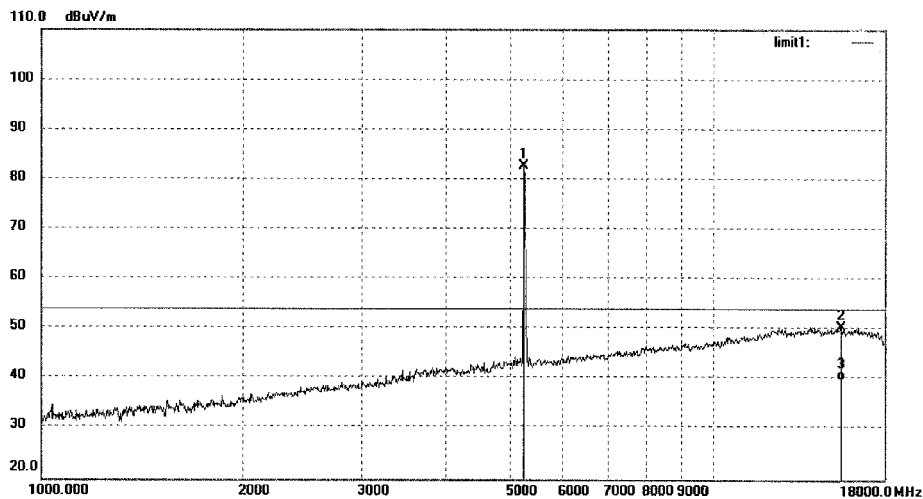
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	81.89	0.82	82.71	/	/	peak			
2	14873.888	9.12	41.48	50.60	74.00	-23.40	peak			
3	14873.888	-0.86	41.48	40.62	54.00	-13.38	AVG			


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Job No.: YULIAH #550	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a

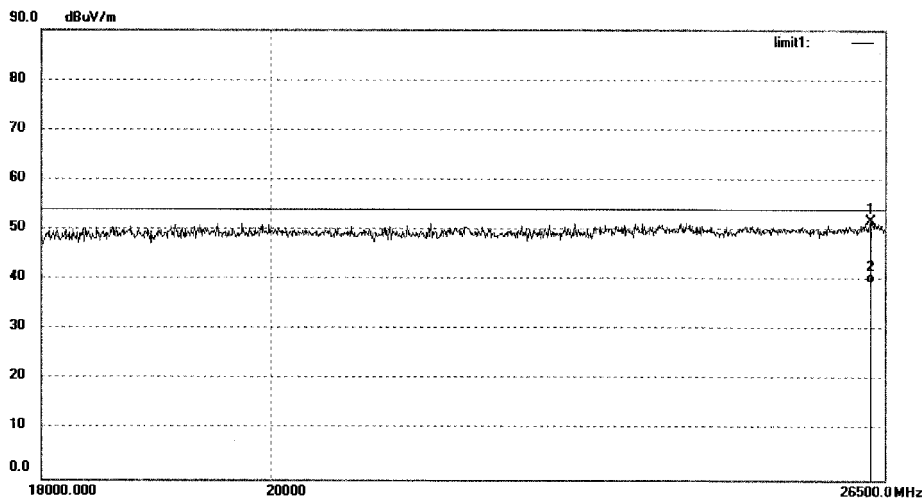


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	81.82	0.82	82.64	/	/	peak			
2	15488.107	10.26	40.12	50.38	74.00	-23.62	peak			
3	15488.107	-0.13	40.12	39.99	54.00	-14.01	AVG			


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Job No.: YULIAH #665	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



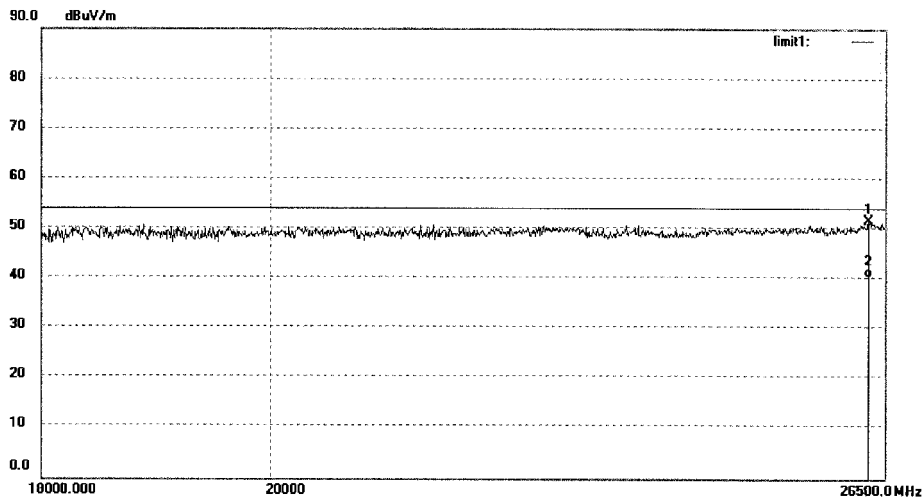
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26325.983	35.27	16.50	51.77	74.00	-22.23	peak			
2	26325.983	23.01	16.50	39.51	54.00	-14.49	AVG			


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Job No.: YULIAH #666	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



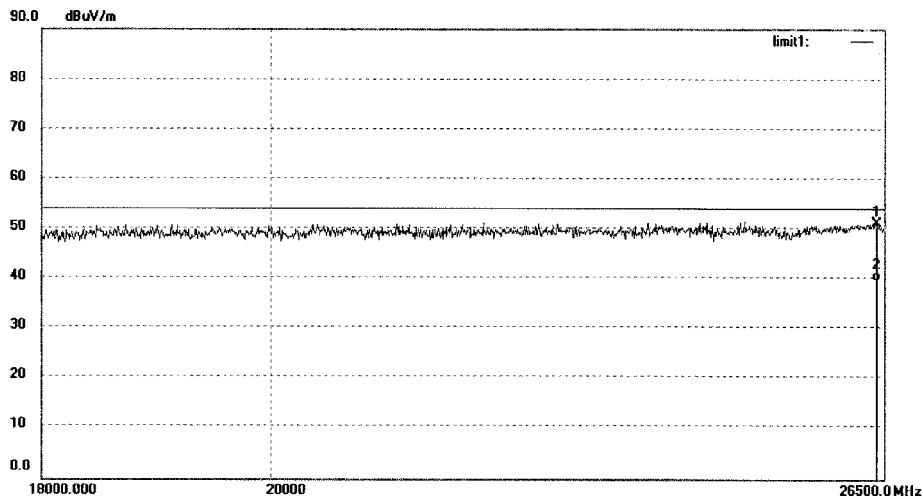
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26305.586	34.60	17.03	51.63	74.00	-22.37	peak			
2	26305.586	23.29	17.03	40.32	54.00	-13.68	AVG			


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 Fax:+86-0755-26503396

Job No.: YULIAH #668	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 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



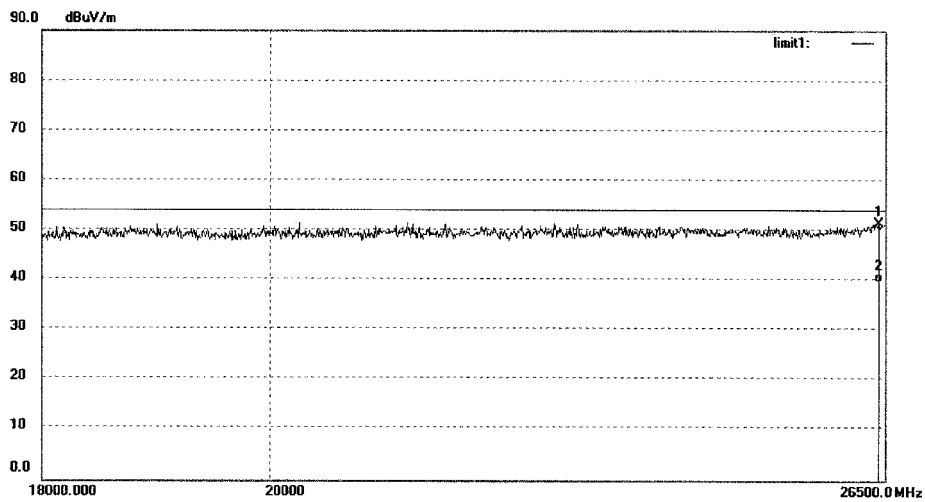
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	34.76	16.50	51.26	74.00	-22.74	peak			
2	26407.731	23.15	16.50	39.65	54.00	-14.35	AVG			


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Job No.: YULIAH #667	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 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



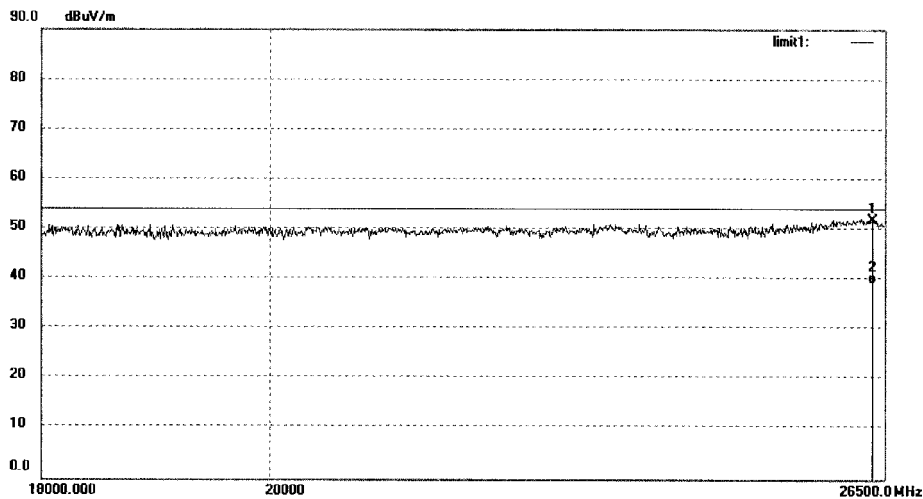
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	34.36	16.95	51.31	74.00	-22.69	peak			
2	26428.207	22.85	16.95	39.80	54.00	-14.20	AVG			


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Job No.: YULIAH #669	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 5220MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	35.43	16.50	51.93	74.00	-22.07	peak			
2	26356.609	22.66	16.50	39.16	54.00	-14.84	AVG			


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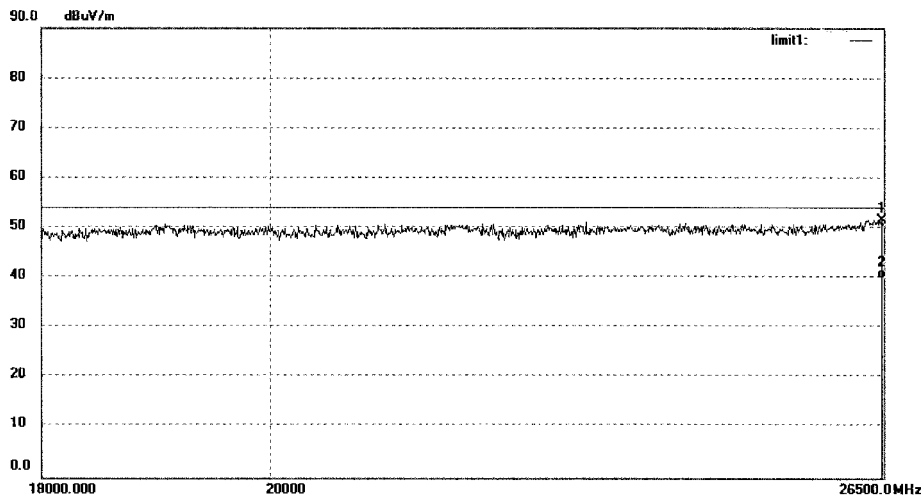
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #670	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 5220MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



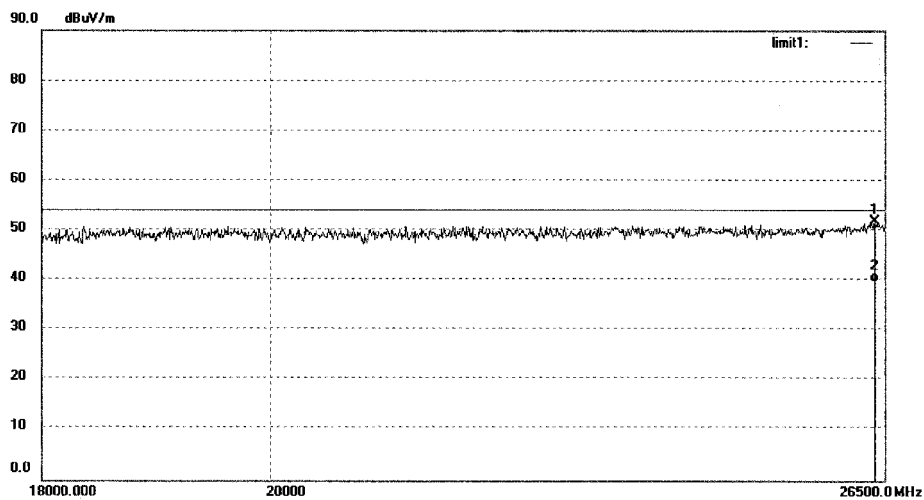
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26479.468	34.77	16.91	51.68	74.00	-22.32	peak			
2	26479.468	23.05	16.91	39.96	54.00	-14.04	AVG			


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

Job No.: YULIAH #672	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



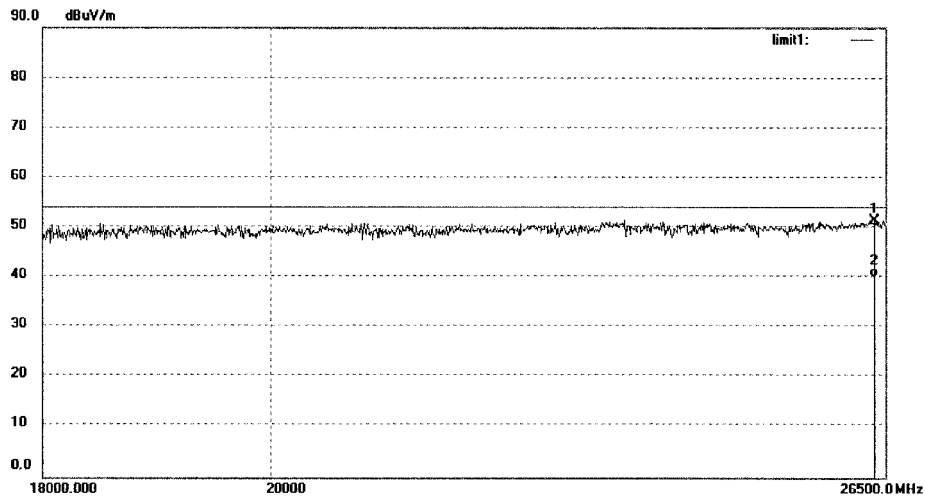
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26387.270	35.35	16.50	51.85	74.00	-22.15	peak			
2	26387.270	23.19	16.50	39.69	54.00	-14.31	AVG			


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 Fax:+86-0755-26503396

Job No.: YULIAH #671	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.52	16.98	51.50	74.00	-22.50	peak			
2	26377.046	23.28	16.98	40.26	54.00	-13.74	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

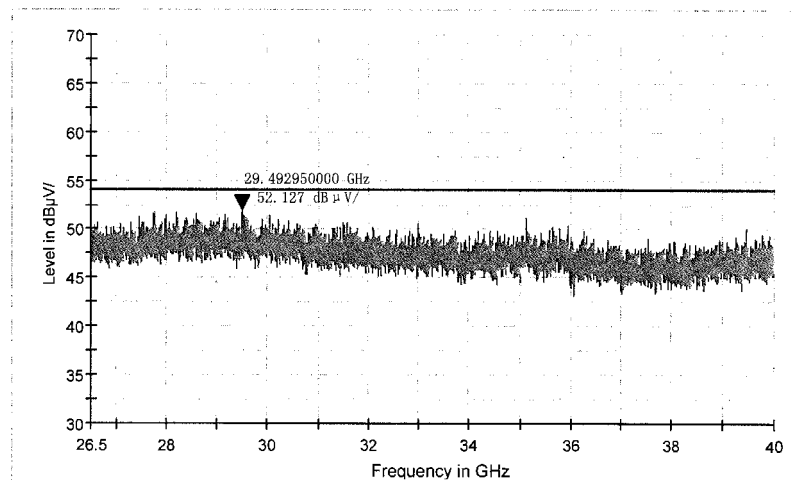
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5180MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

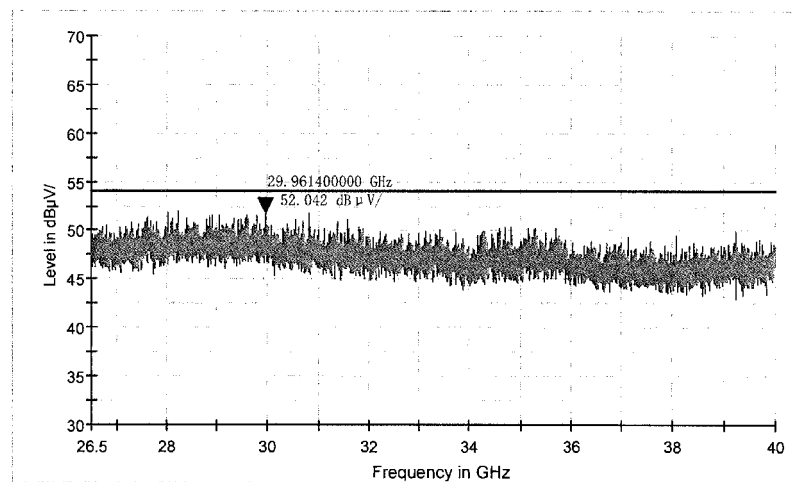
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5180MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

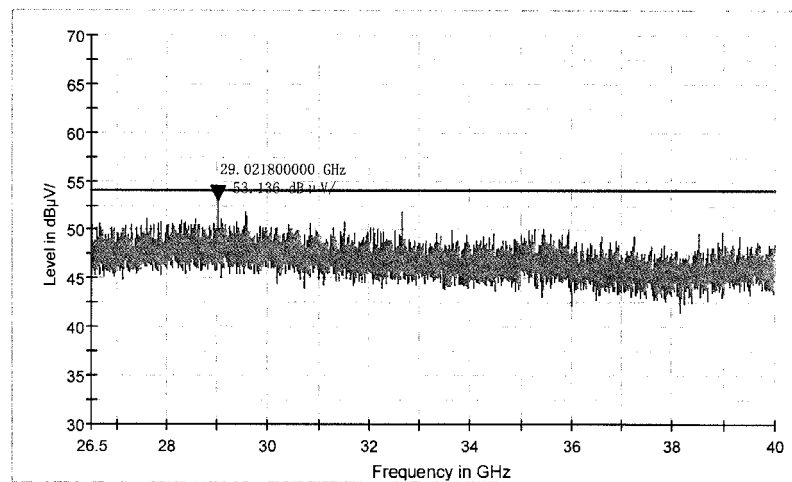
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5200MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

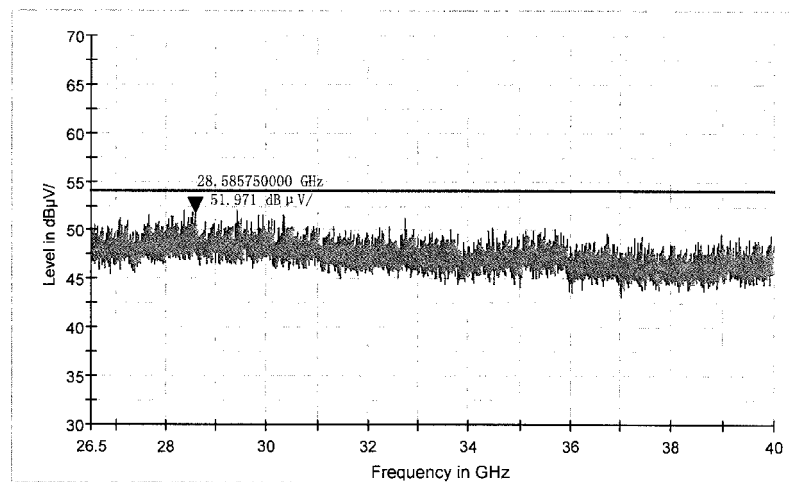
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5200MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

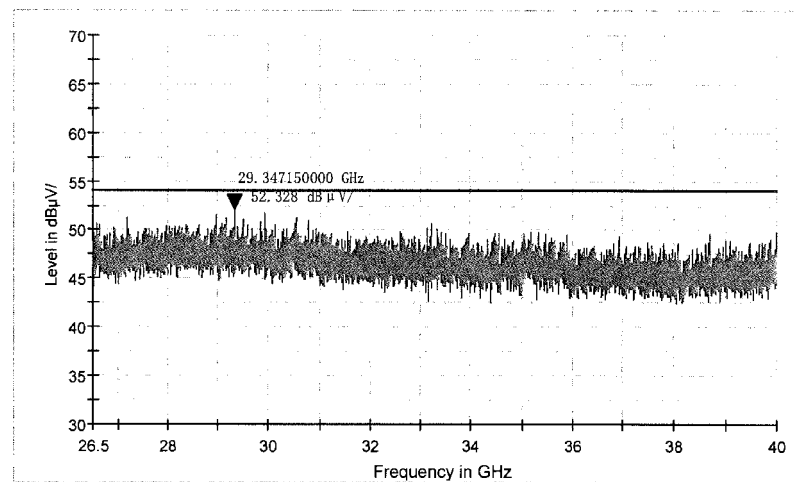
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet MN: NS-P16AT08
Operation mode: TX 5220MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

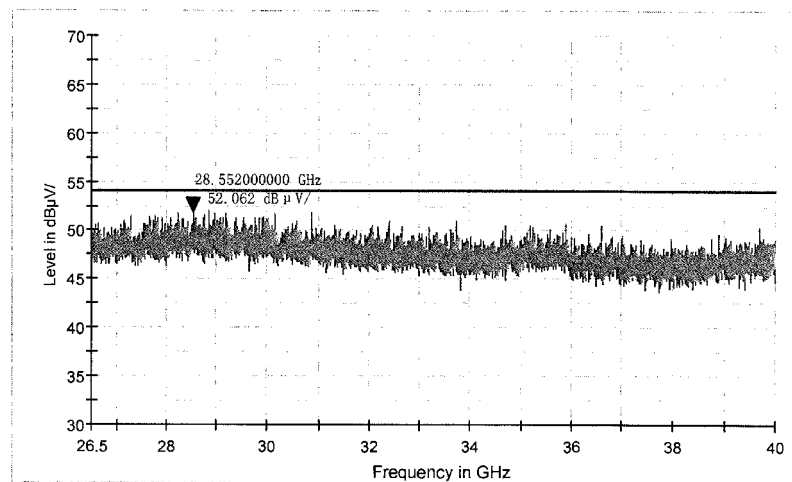
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5220MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

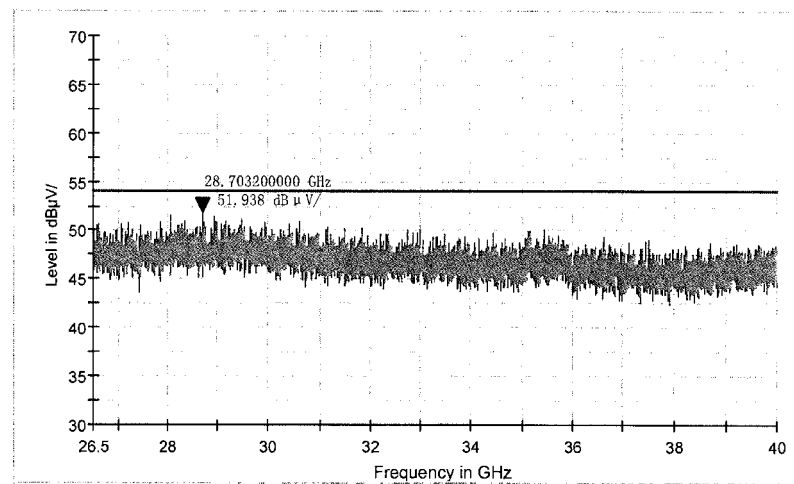
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5240MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

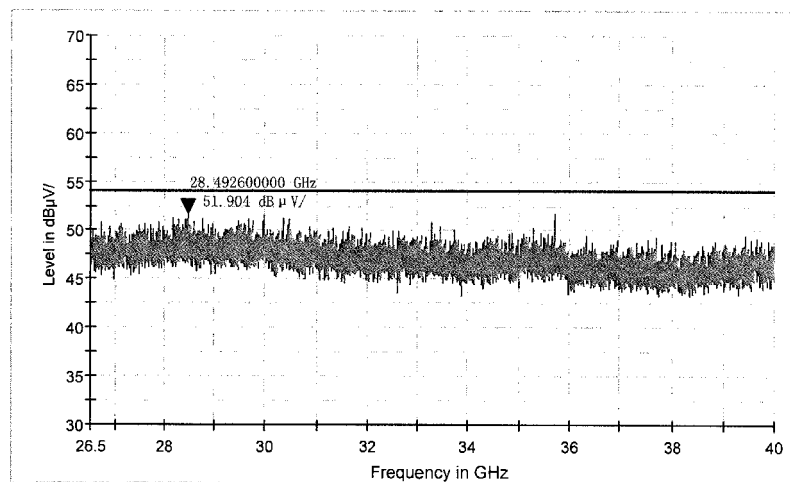
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5240MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



Prüfbericht - Nr.: 17048716 003
Test Report No.
Seite 157 von 203
Page 157 of 203

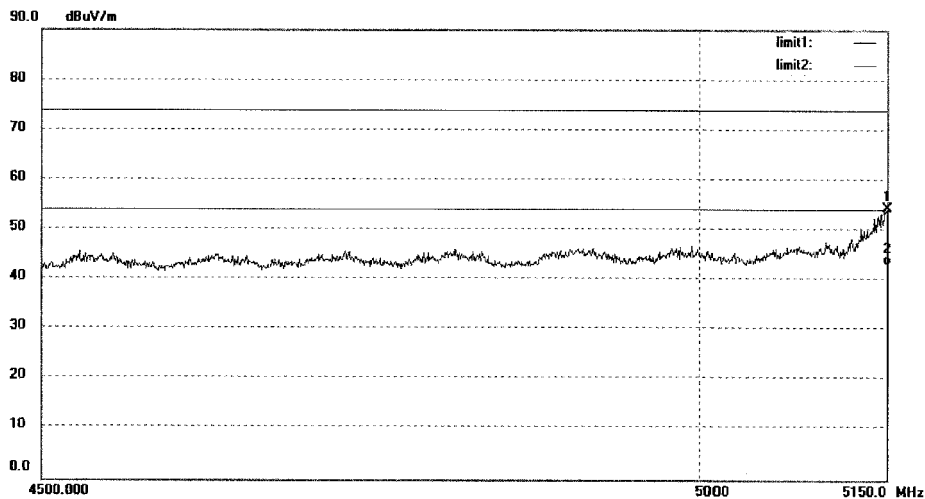
Test Plot of Band Edge for IC of 802.11a Band 1


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 Site: 2# Chamber
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Job No.: YULIAH #561	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	53.79	0.51	54.30	74.00	-19.70	peak			
2	5150.000	42.59	0.51	43.10	54.00	-10.90	AVG			


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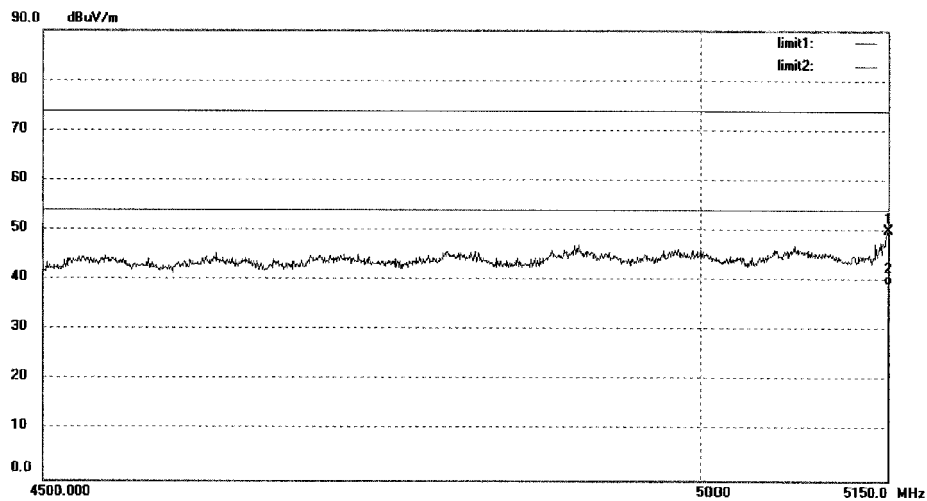
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #562	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 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



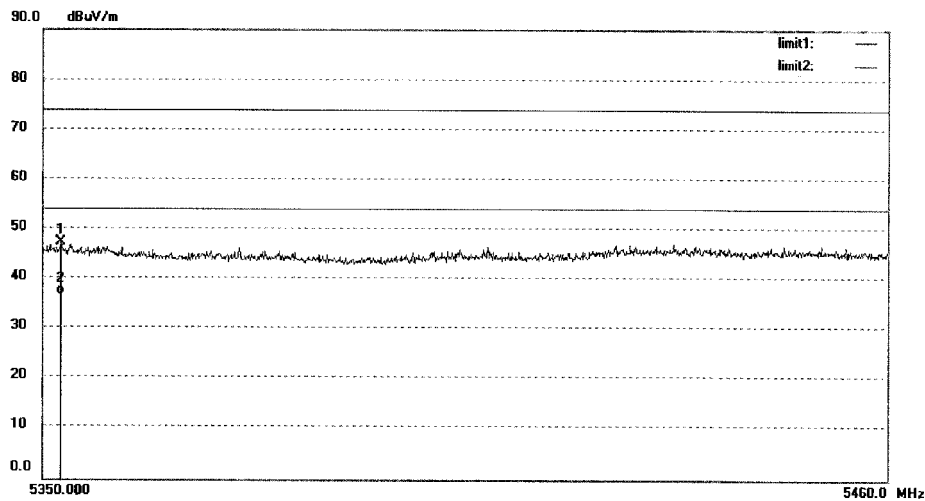
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	49.61	0.51	50.12	74.00	-23.88	peak			
2	5150.000	38.86	0.51	39.37	54.00	-14.63	AVG			


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Job No.: YULIAH #564	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



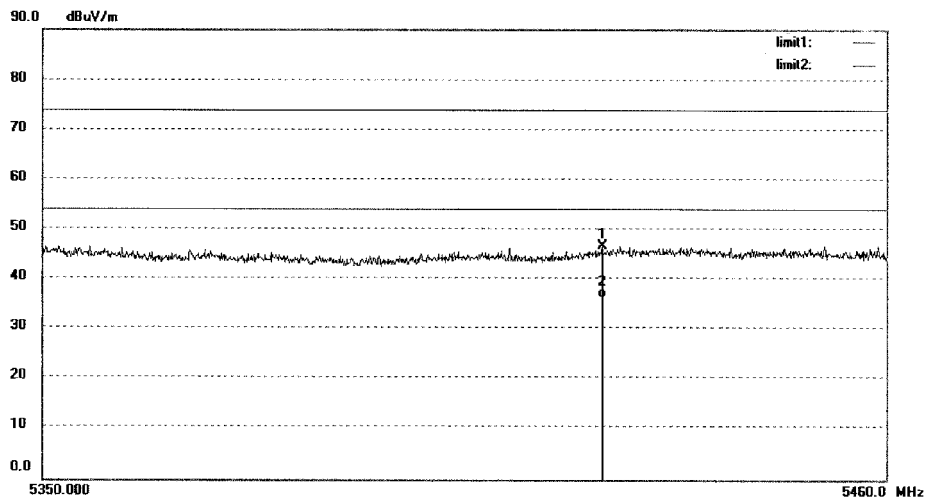
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5352.310	46.64	0.83	47.47	74.00	-26.53	peak			
2	5352.310	35.86	0.83	36.69	54.00	-17.31	AVG			


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Job No.: YULIAH #563	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 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5422.820	46.01	0.78	46.79	74.00	-27.21	peak			
2	5422.820	35.57	0.78	36.35	54.00	-17.65	AVG			

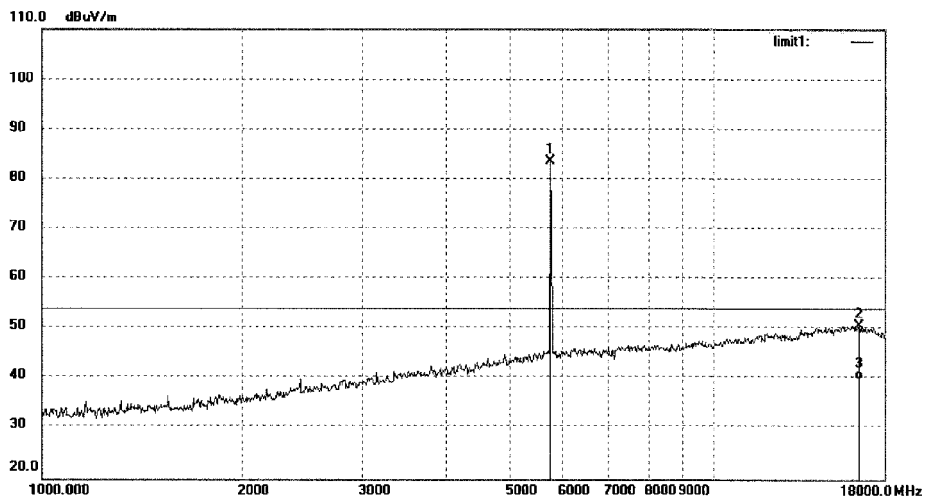
Prüfbericht - Nr.: 17048716 003
Test Report No.
Seite 161 von 203
Page 161 of 203
Test Plot of Spurious Emission of above 1GHz for IC of 802.11a Band 4

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Job No.: YULIAH #552	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5745.000	82.04	1.50	83.54	/	/	peak			
2	16504.954	10.37	40.31	50.68	74.00	-23.32	peak			
3	16504.954	-0.36	40.31	39.95	54.00	-14.05	AVG			


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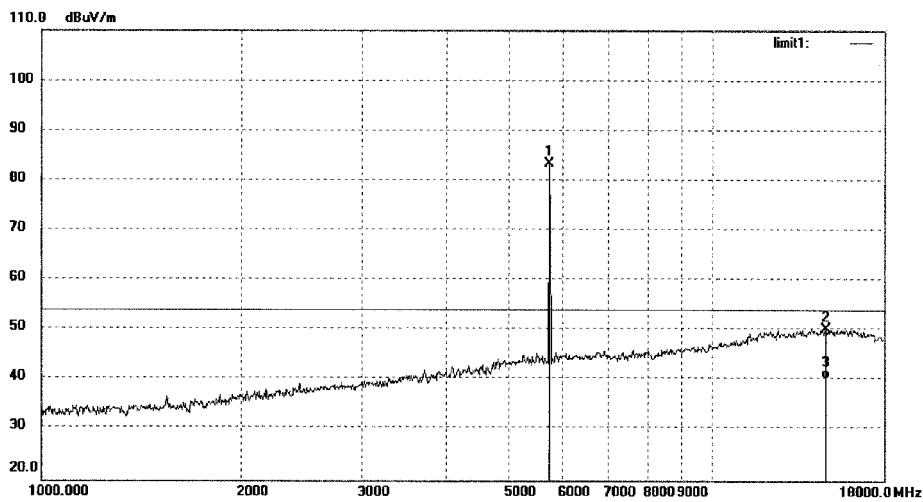
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #551	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



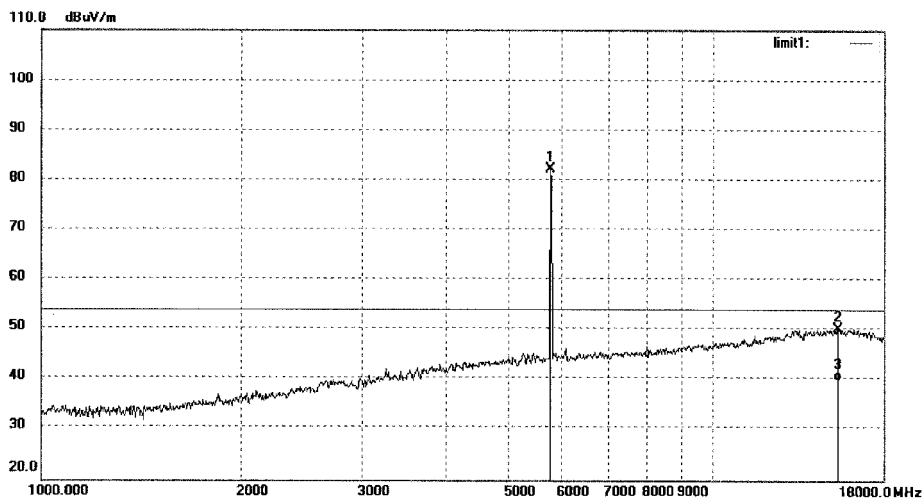
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5745.000	81.82	1.50	83.32	/	/	peak			
2	14745.473	8.37	41.86	50.23	74.00	-23.77	peak			
3	14745.473	-1.40	41.86	40.46	54.00	-13.54	AVG			


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Job No.: YULIAH #553	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 5765MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



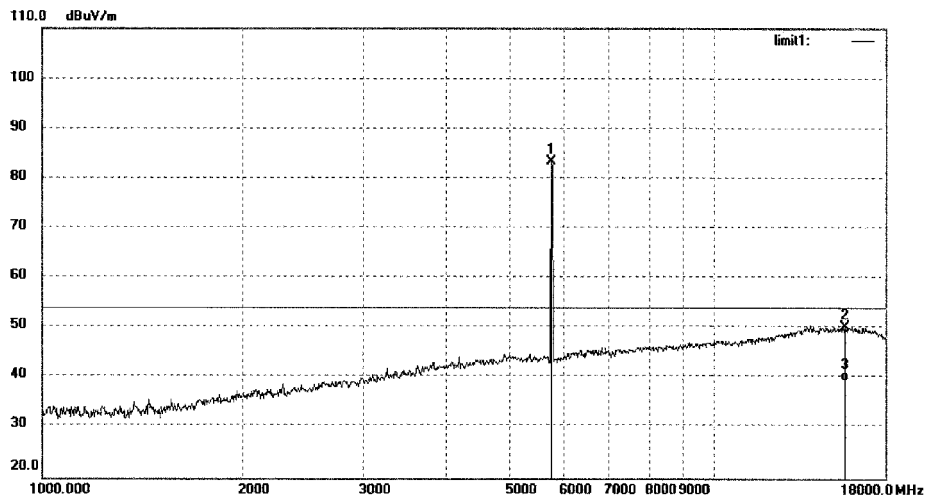
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5765.000	80.57	1.68	82.25	/	/	peak			
2	15398.832	9.92	40.30	50.22	74.00	-23.78	peak			
3	15398.832	-0.44	40.30	39.86	54.00	-14.14	AVG			


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Job No.: YULIAH #554	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 5765MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5765.000	81.76	1.68	83.44	/	/	peak			
2	15668.211	10.11	40.07	50.18	74.00	-23.82	peak			
3	15668.211	-0.50	40.07	39.57	54.00	-14.43	AVG			


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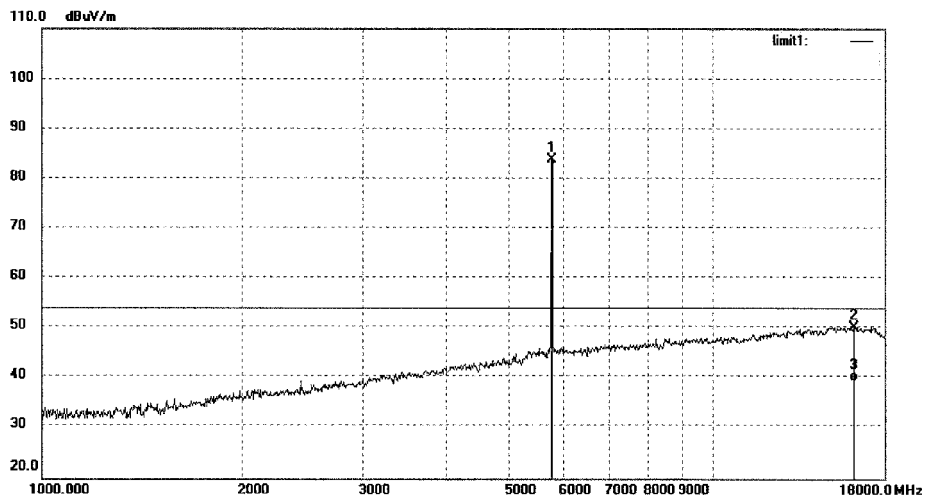
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #556	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 5785MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



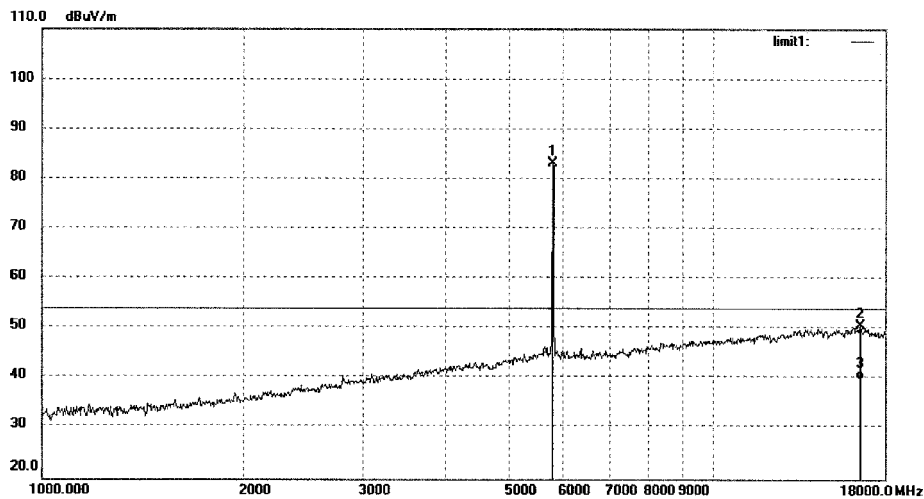
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1	5785.000	81.91	1.86	83.77	/	/	peak			
2	16221.189	10.11	40.13	50.24	74.00	-23.76	peak			
3	16221.189	-0.57	40.13	39.56	54.00	-14.44	AVG			


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Job No.: YULIAH #555	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 5785MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



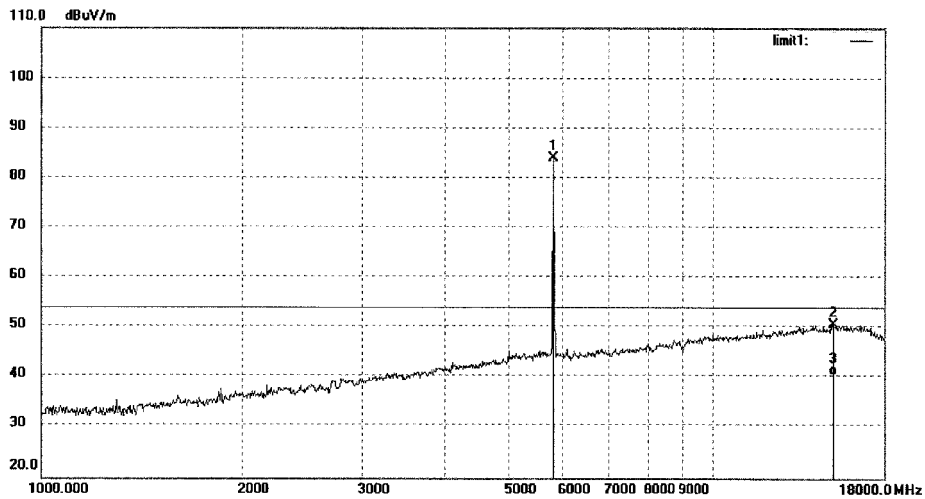
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5785.000	81.16	1.86	83.02	/	/	peak			
2	16552.729	10.19	40.45	50.64	74.00	-23.36	peak			
3	16552.729	-0.63	40.45	39.82	54.00	-14.18	AVG			


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Job No.: YULIAH #557	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 5805MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



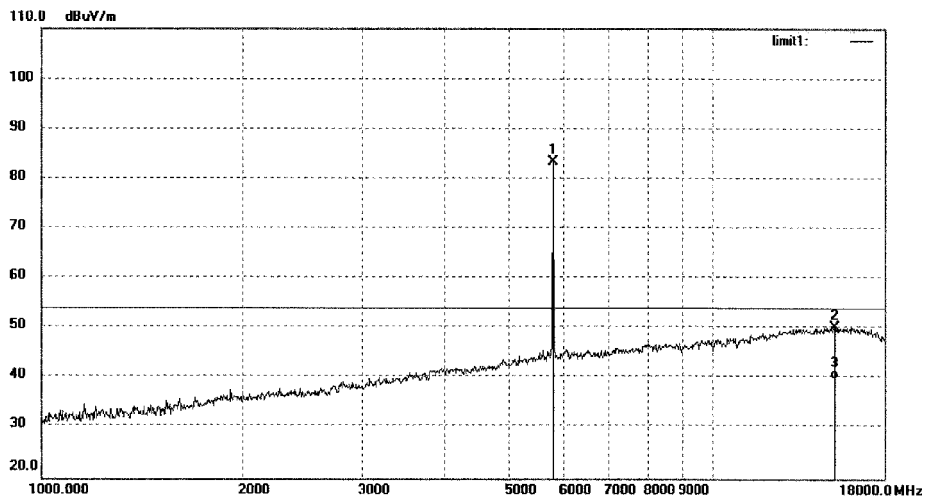
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5805.000	82.08	1.98	84.06	/	/	peak			
2	15134.085	9.84	40.83	50.67	74.00	-23.33	peak			
3	15134.085	-0.29	40.83	40.54	54.00	-13.46	AVG			


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Job No.: YULIAH #558	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 5805MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



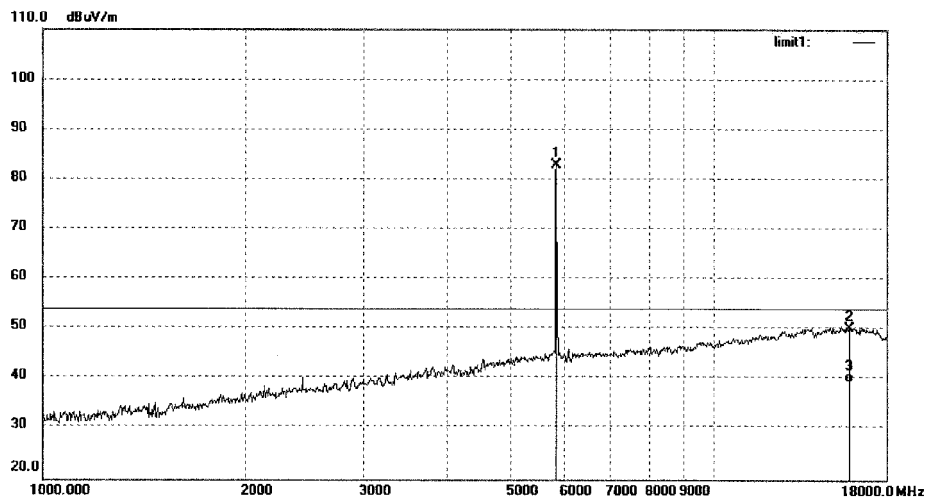
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5805.000	81.41	1.98	83.39	/	/	peak			
2	15221.824	9.56	40.66	50.22	74.00	-23.78	peak			
3	15221.824	-0.76	40.66	39.90	54.00	-14.10	AVG			


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Job No.: YULIAH #560	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



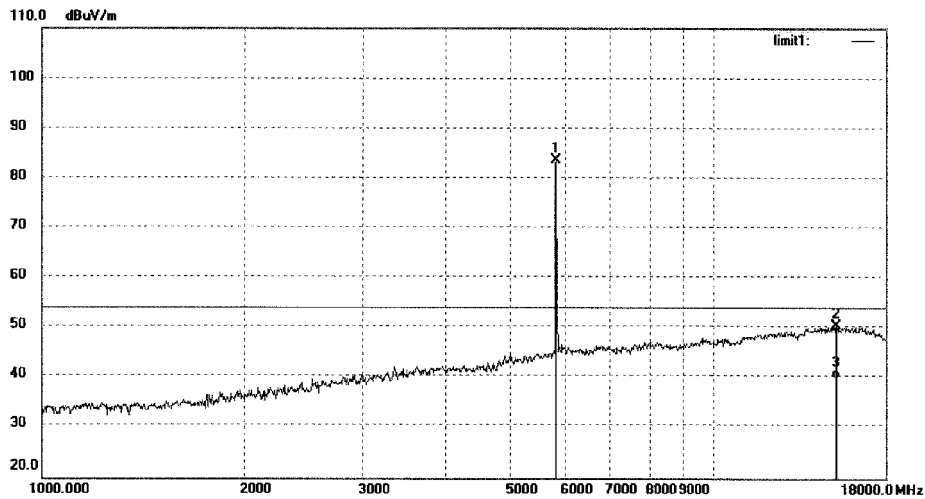
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5825.000	81.02	1.97	82.99	/	/	peak			
2	15896.290	10.28	40.02	50.30	74.00	-23.70	peak			
3	15896.290	-0.59	40.02	39.43	54.00	-14.57	AVG			


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Job No.: YULIAH #559	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5825.000	81.50	1.97	83.47	/	/	peak			
2	15221.824	9.86	40.66	50.52	74.00	-23.48	peak			
3	15221.824	-0.68	40.66	39.98	54.00	-14.02	AVG			


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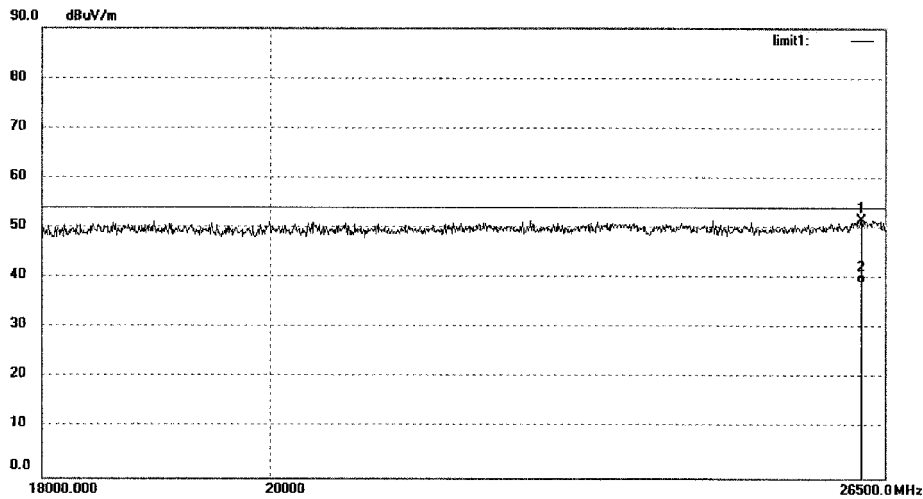
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #673	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26224.155	35.09	16.50	51.59	74.00	-22.41	peak			
2	26224.155	22.56	16.50	39.06	54.00	-14.94	AVG			


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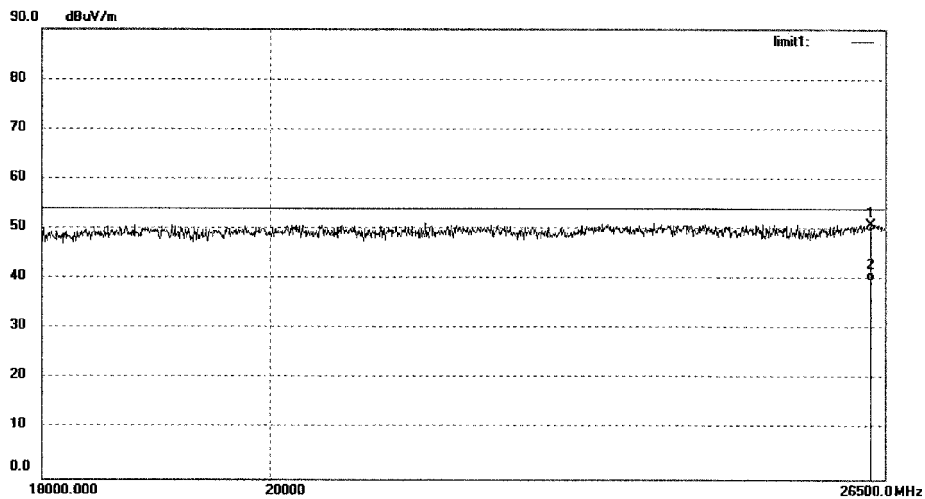
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #674	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



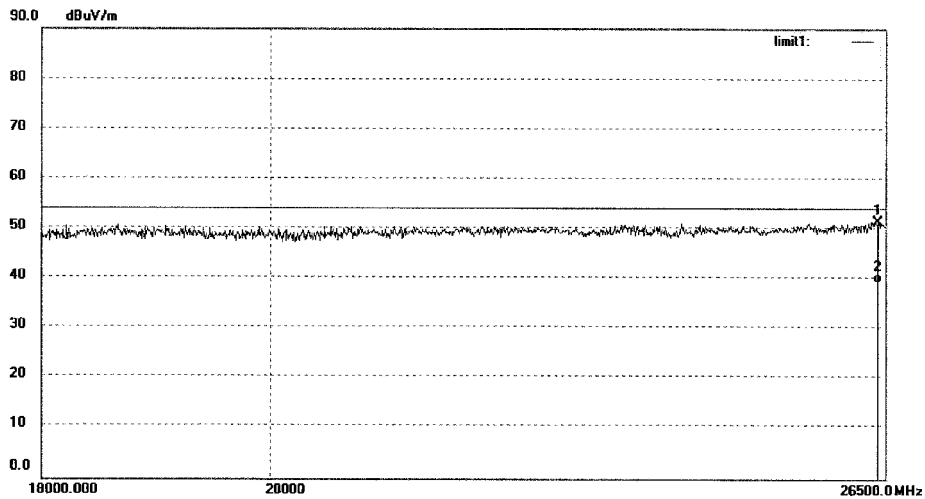
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26325.983	33.96	17.02	50.98	74.00	-23.02	peak			
2	26325.983	22.80	17.02	39.82	54.00	-14.18	AVG			


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Job No.: YULIAH #676	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 5765MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.98	16.50	51.48	74.00	-22.52	peak			
2	26417.967	22.78	16.50	39.28	54.00	-14.72	AVG			


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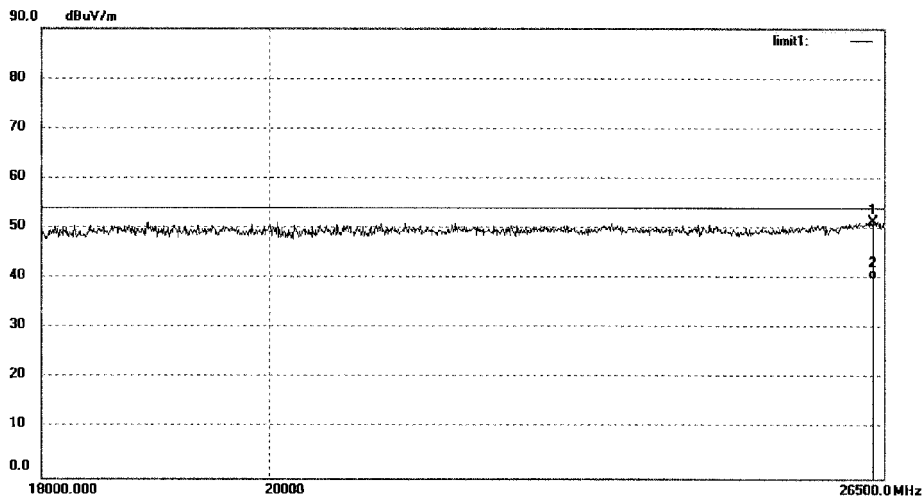
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #675	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 5765MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.45	16.99	51.44	74.00	-22.56	peak			
2	26366.825	22.96	16.99	39.95	54.00	-14.05	AVG			


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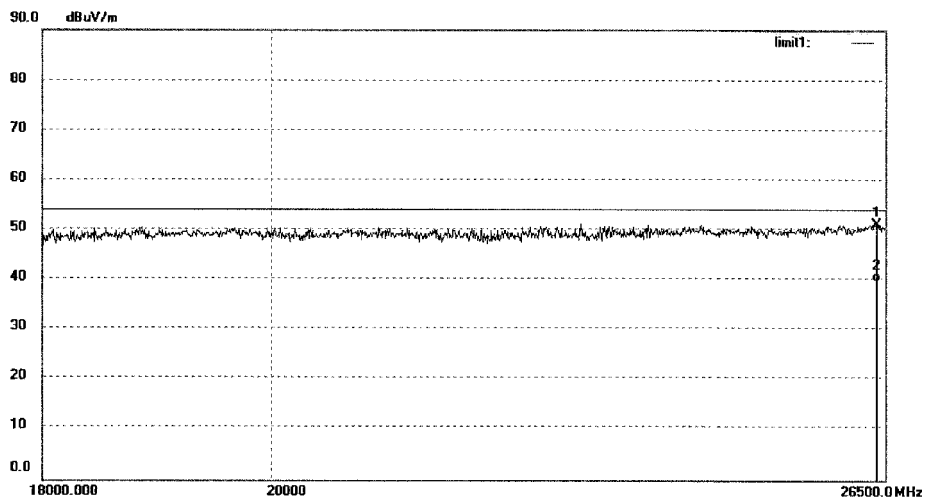
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #677	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 5785MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



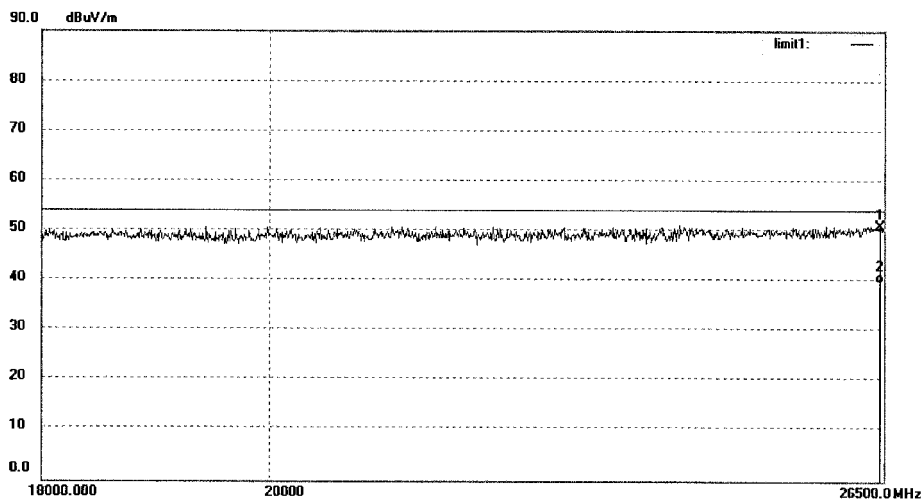
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26397.499	34.79	16.50	51.29	74.00	-22.71	peak			
2	26397.499	23.16	16.50	39.66	54.00	-14.34	AVG			


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 #678	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 5785MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.13	16.93	51.06	74.00	-22.94	peak			
2	26448.699	22.84	16.93	39.77	54.00	-14.23	AVG			


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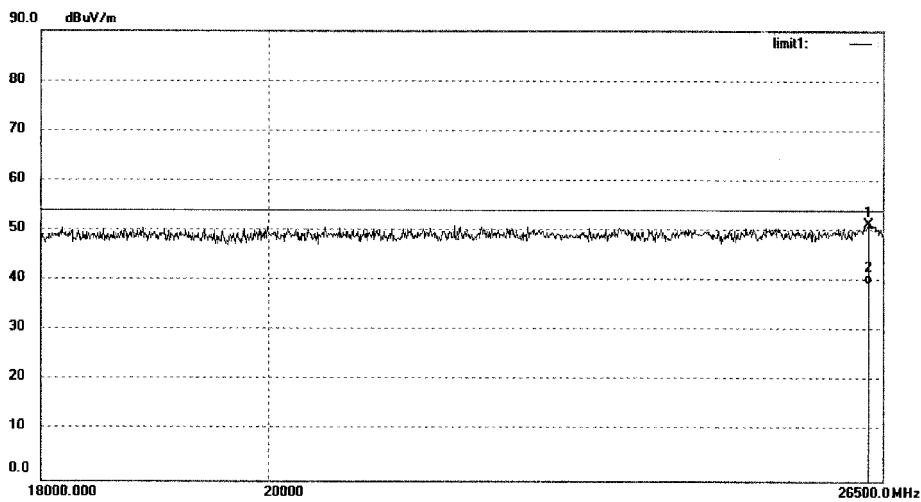
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #680	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 5805MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.98	16.50	51.48	74.00	-22.52	peak			
2	26336.188	23.05	16.50	39.55	54.00	-14.45	AVG			


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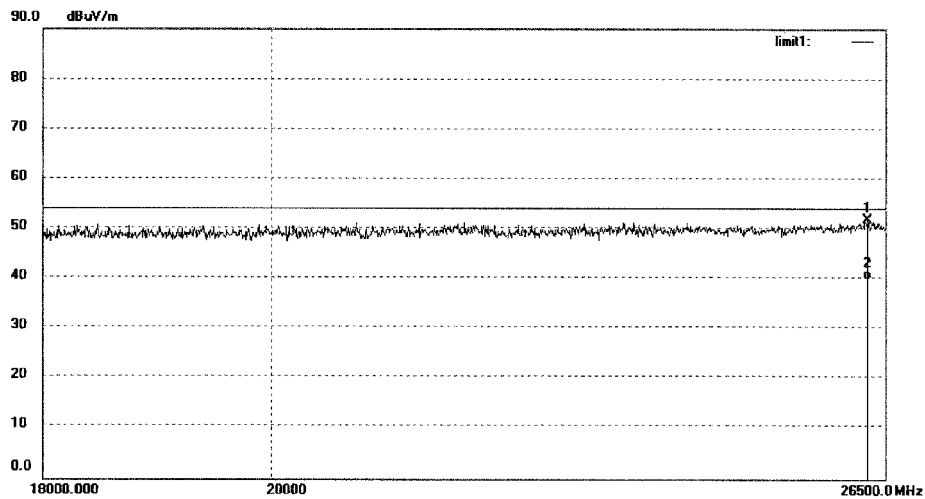
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #679	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 5805MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



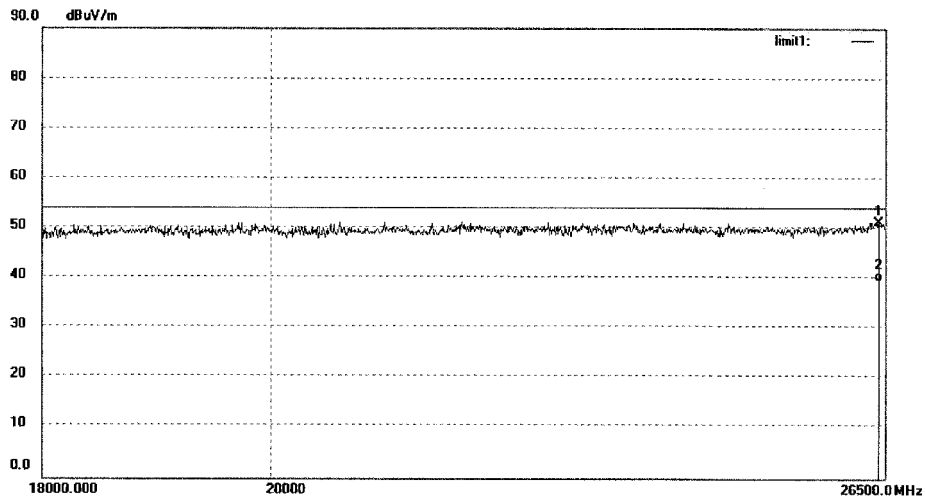
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26295.393	34.76	17.04	51.80	74.00	-22.20	peak			
2	26295.393	22.95	17.04	39.99	54.00	-14.01	AVG			


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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 #681	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	22.92	16.50	39.42	54.00	-14.58	AVG			


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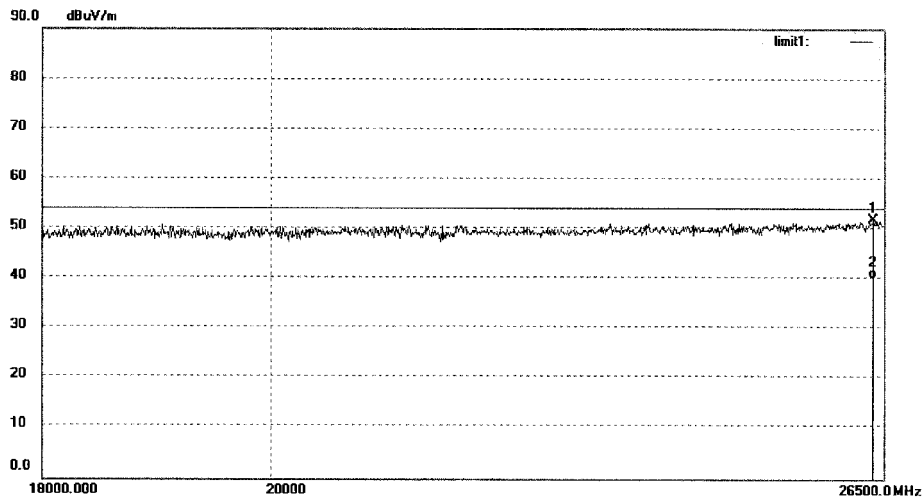
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #682	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



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	34.80	16.98	51.78	74.00	-22.22	peak			
2	26377.046	23.24	16.98	40.22	54.00	-13.78	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

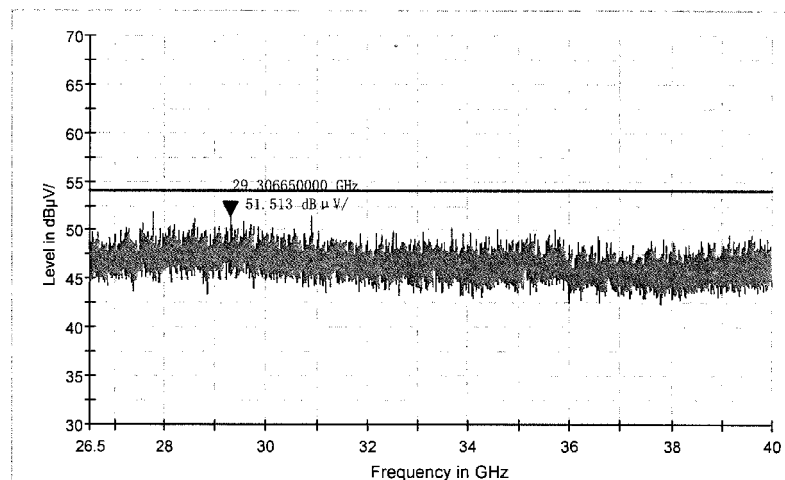
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5745MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

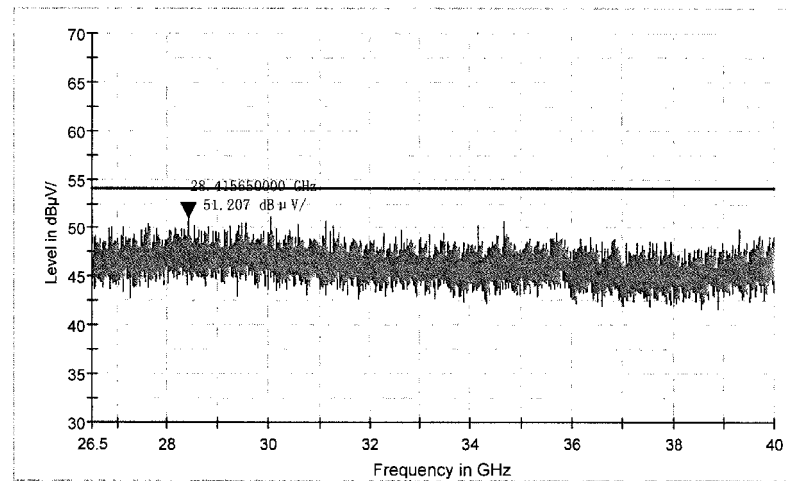
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5745MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

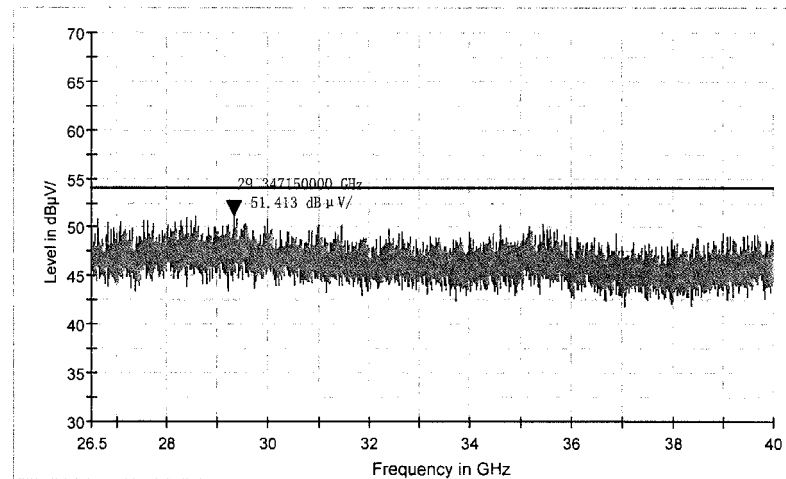
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5765MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

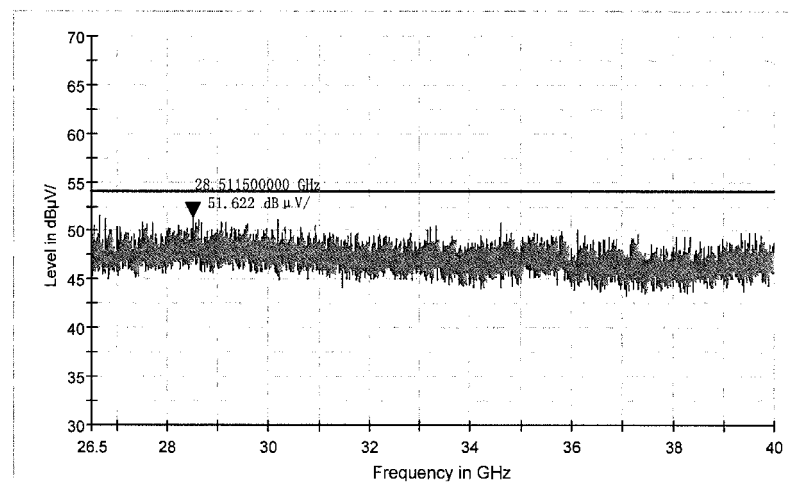
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5765MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

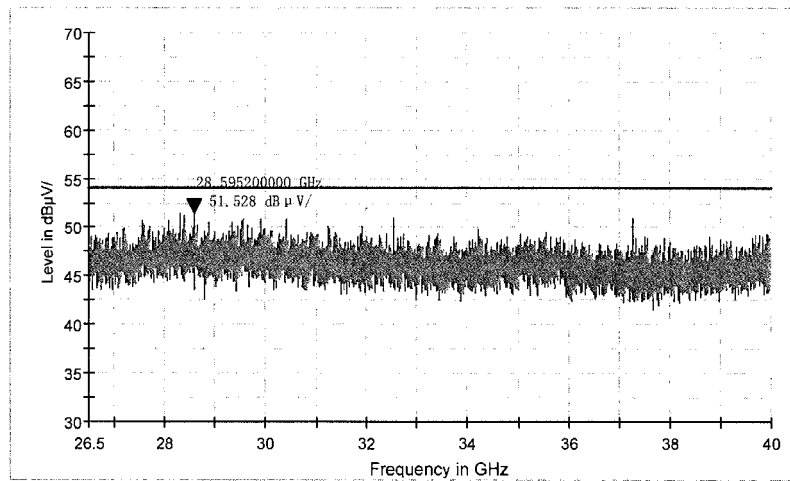
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5785MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

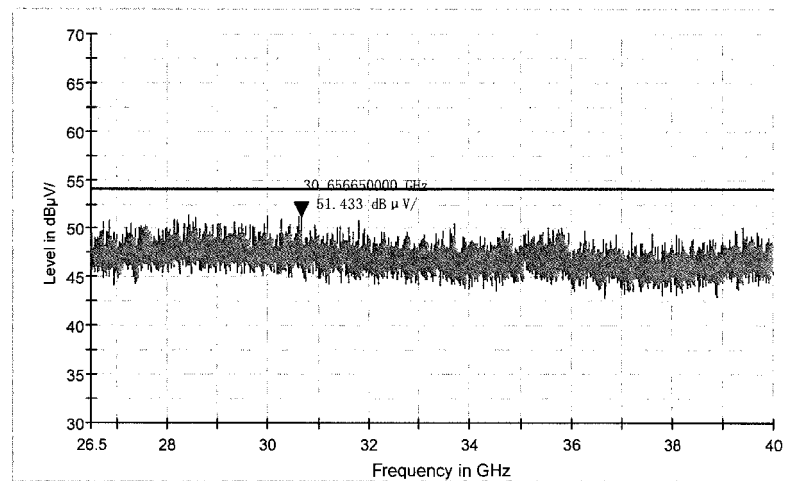
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5785MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

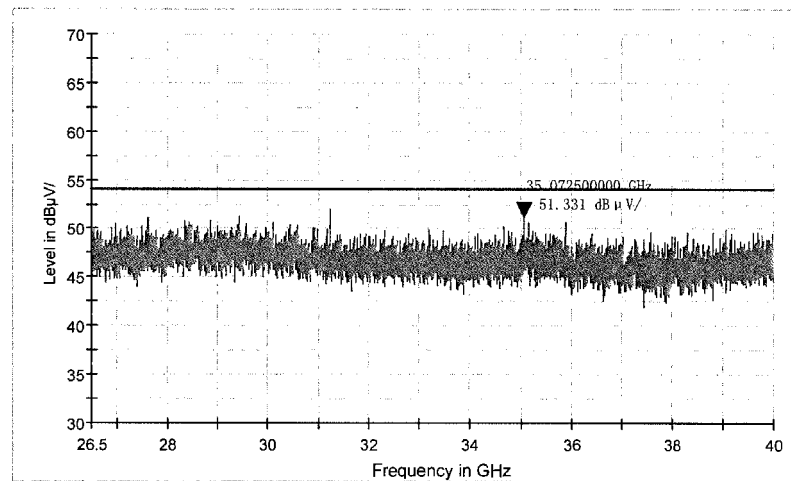
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5805MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

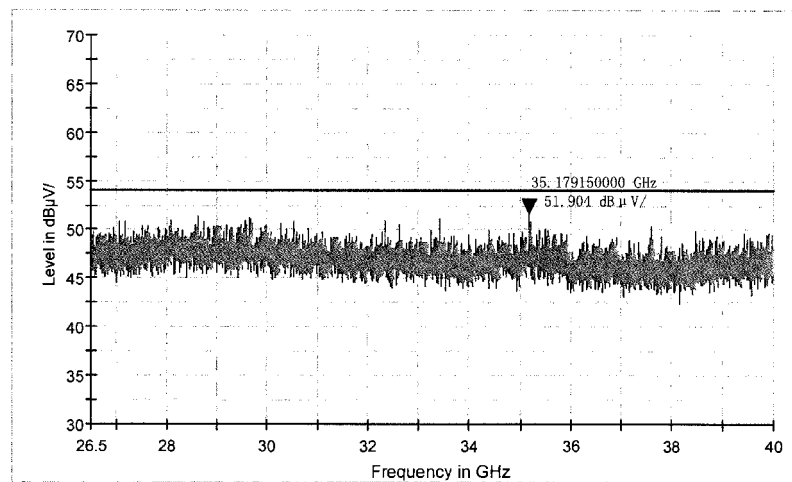
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5805MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

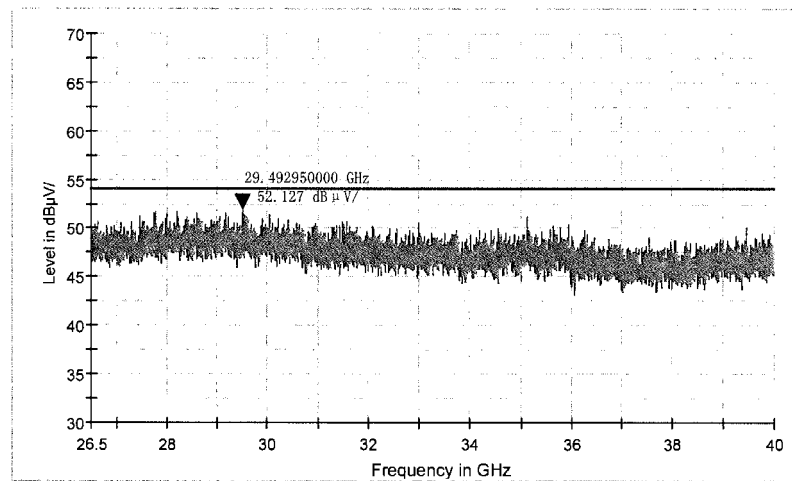
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5825MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

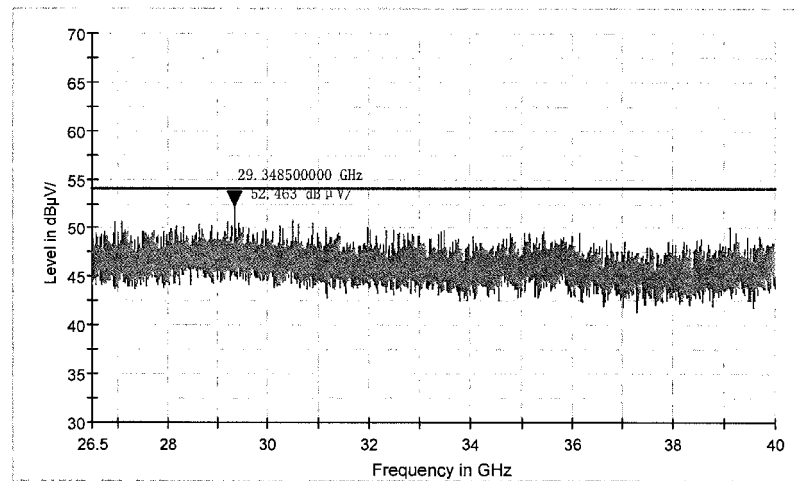
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5825MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



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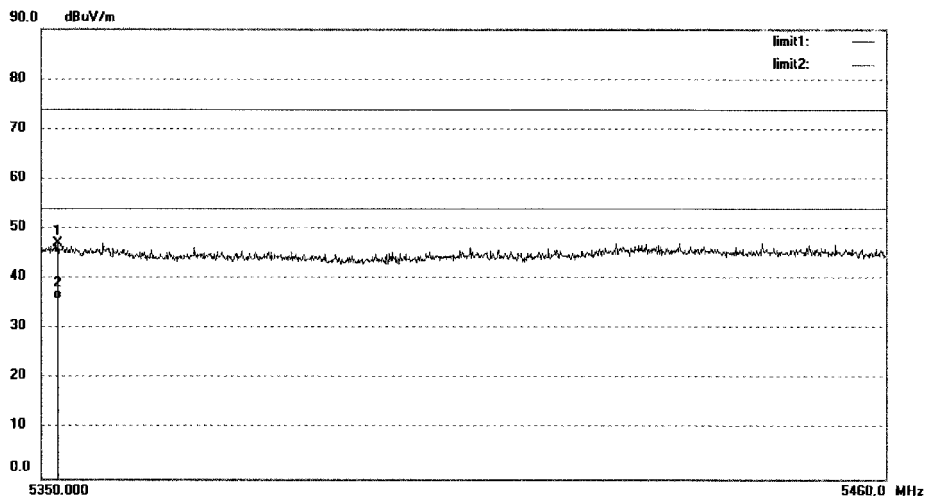
Test Plot of Band Edge for IC of 802.11a Band 4


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 #565	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



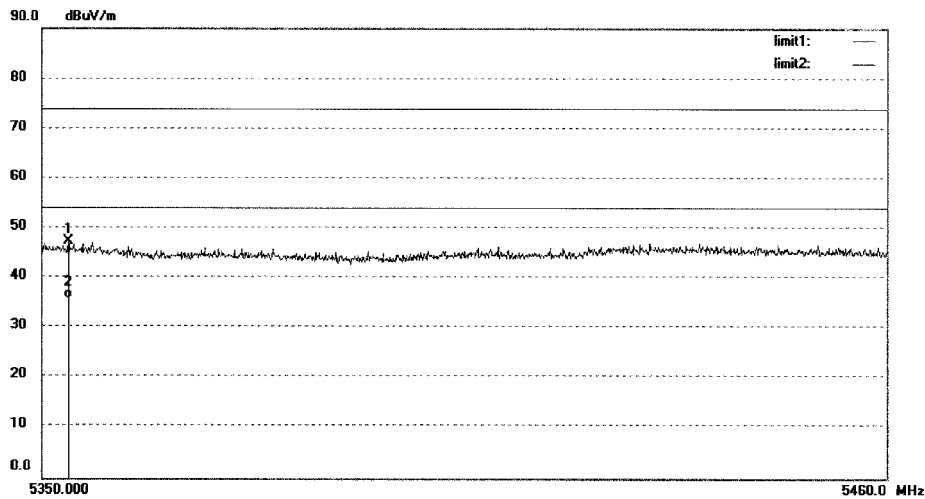
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5352.090	46.41	0.83	47.24	74.00	-26.76	peak			
2	5352.090	35.04	0.83	35.87	54.00	-18.13	AVG			


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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 #566	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 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5353.410	46.59	0.82	47.41	74.00	-26.59	peak			
2	5353.410	34.96	0.82	35.78	54.00	-18.22	AVG			


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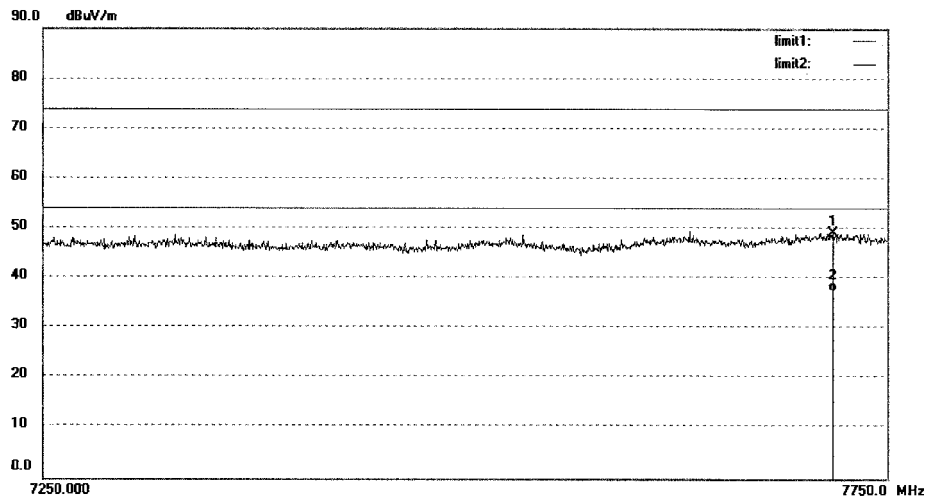
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #568	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



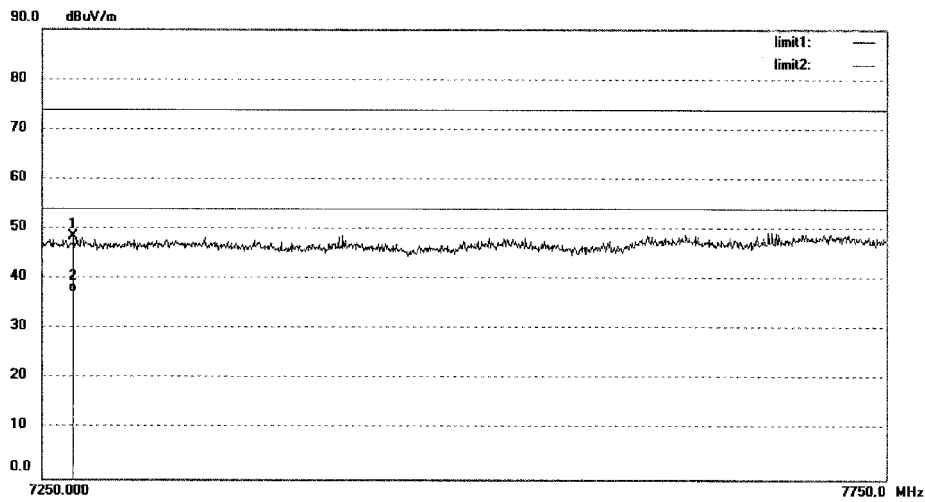
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7717.000	43.84	5.33	49.17	74.00	-24.83	peak			
2	7717.000	32.18	5.33	37.51	54.00	-16.49	AVG			


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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 #567	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 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7268.000	45.28	3.11	48.39	74.00	-25.61	peak			
2	7268.000	34.13	3.11	37.24	54.00	-16.76	AVG			

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Test Report No.

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5.1.8 Conducted emissions

RESULT:**Pass**

Date of testing : 2015-05-16
Test standard : FCC Part 15.207
FCC part 15.407(b)(6)
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

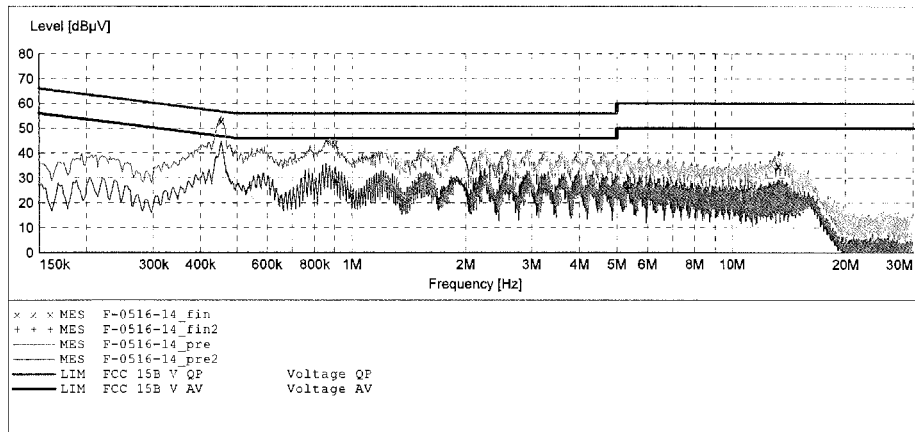
For details refer to following test plot.

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"

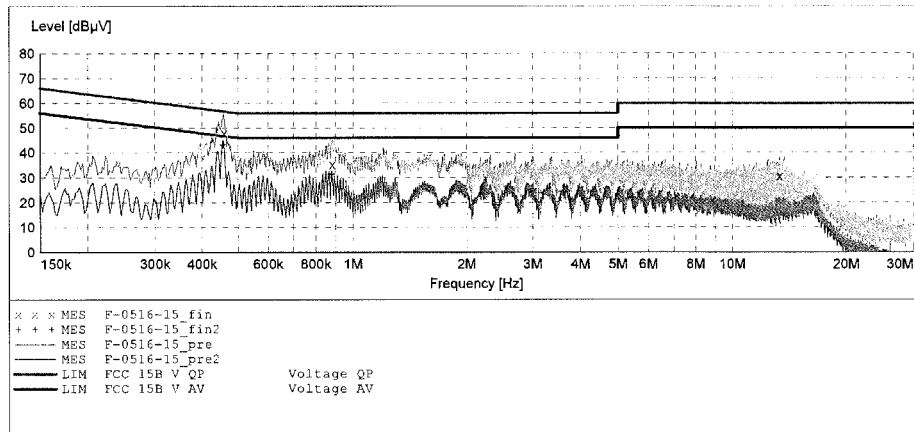
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.454000	43.40	11.4	47	3.4	AV	L1	GND
0.908000	28.10	11.6	46	17.9	AV	L1	GND
5.339000	25.90	11.8	50	24.1	AV	L1	GND

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

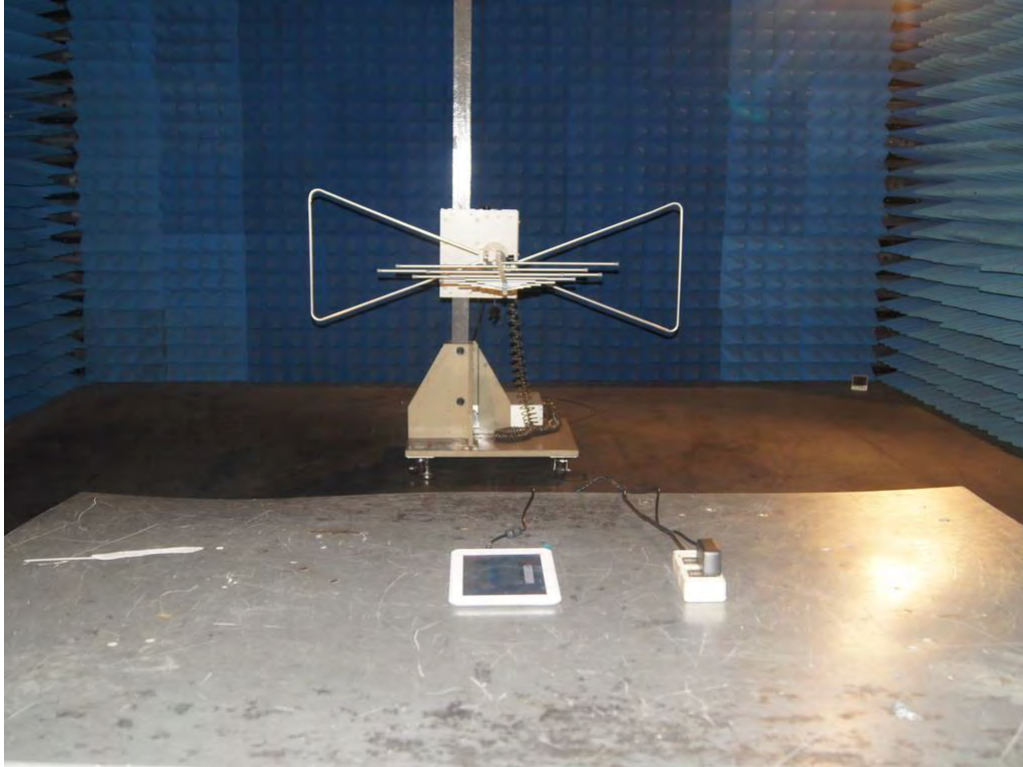
Photograph 1: Set-up for Conducted Emissions



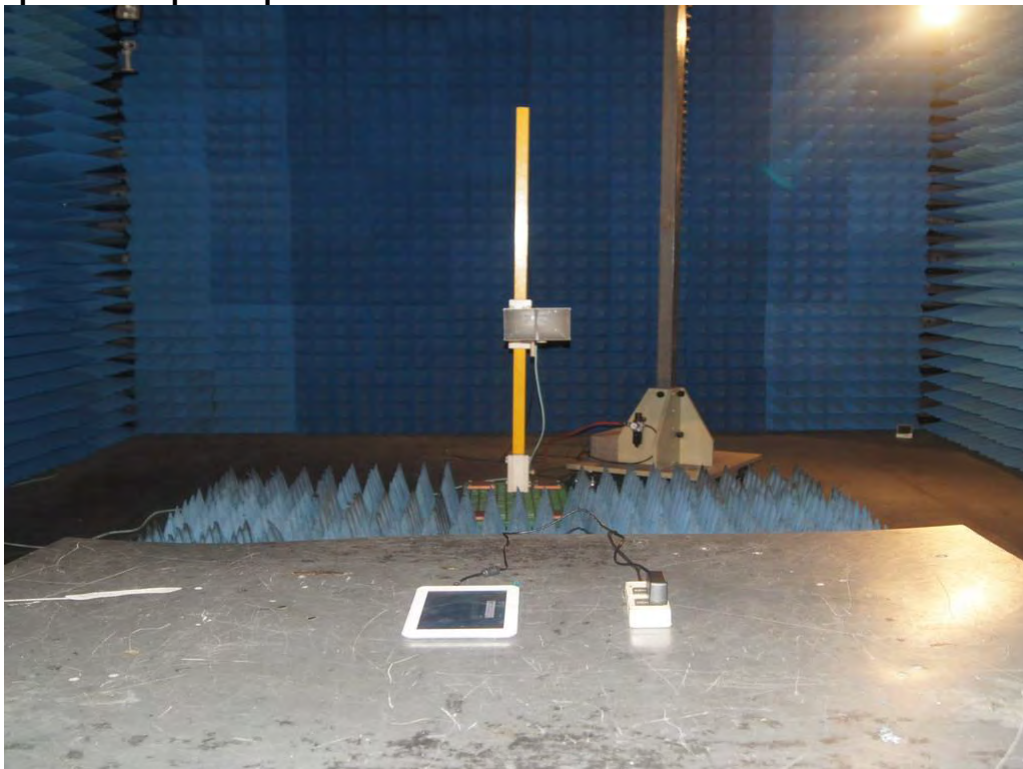
Photograph 2: Set-up for Spurious Emissions for below 30MHz



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



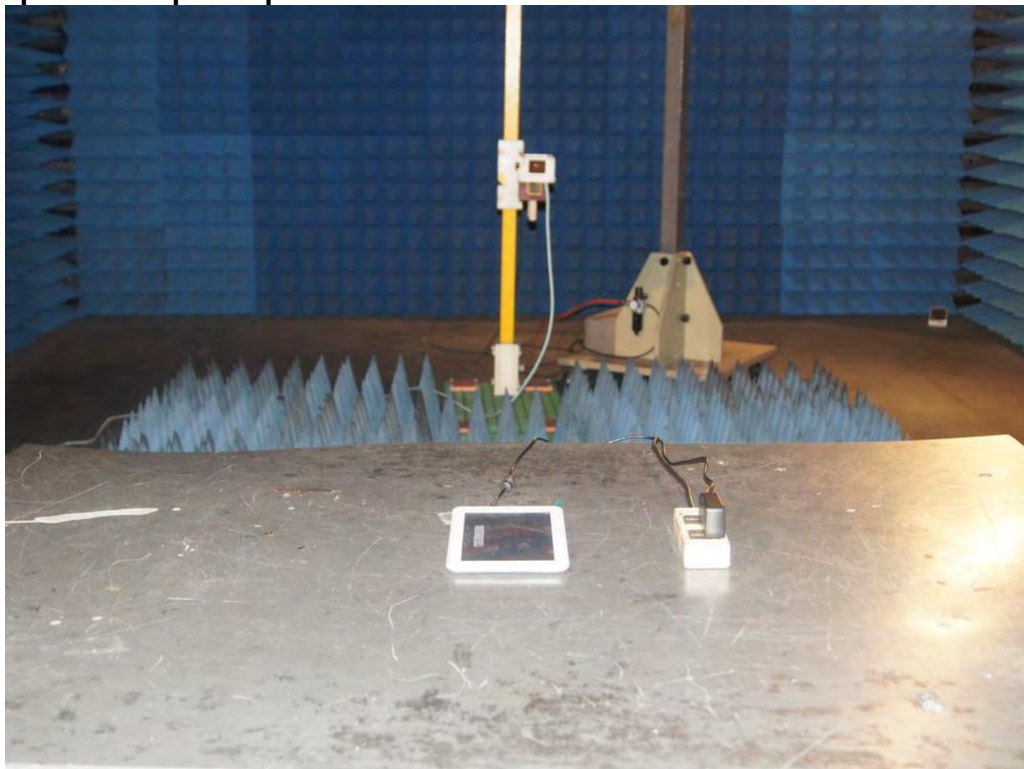
Photograph 4: Set-up for Spurious Emissions for 1 - 18GHz



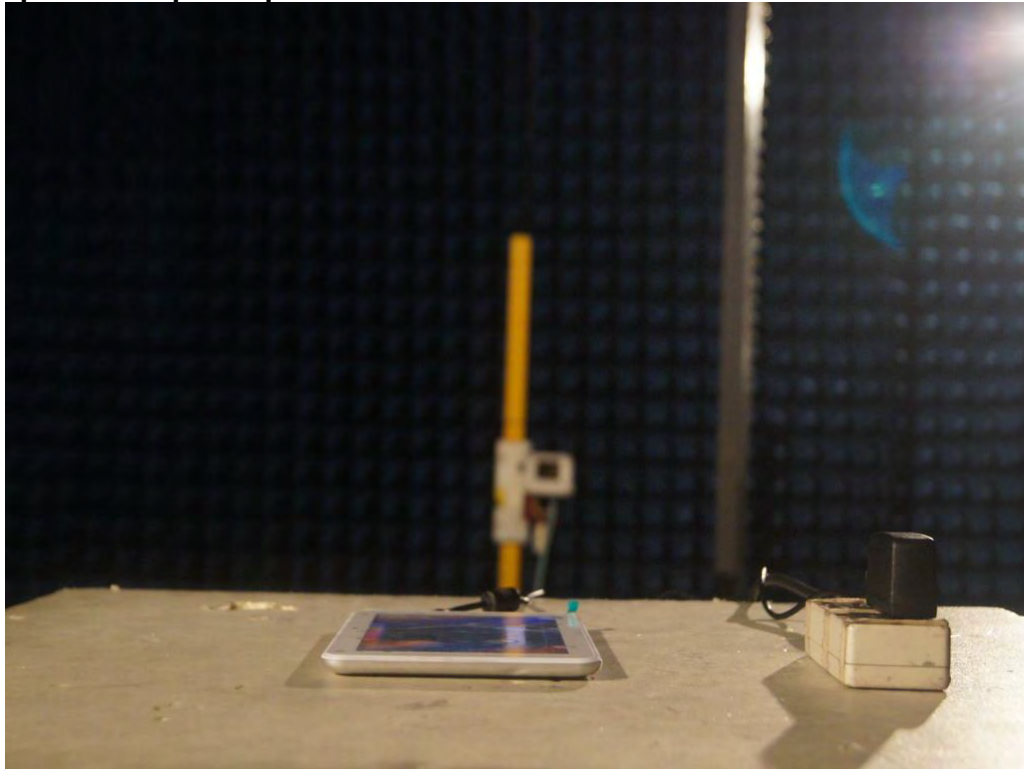
Photograph 5: Set-up for Spurious Emissions for 1 - 18GHz for IC



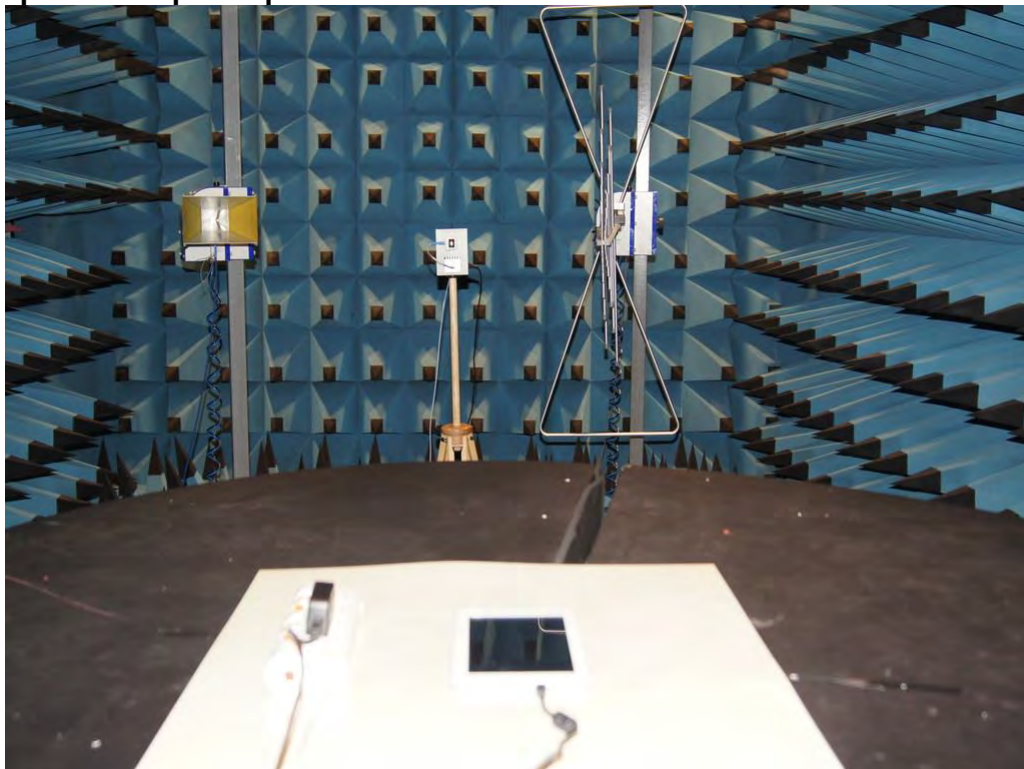
Photograph 6: Set-up for Spurious Emissions for 18 - 26.5GHz



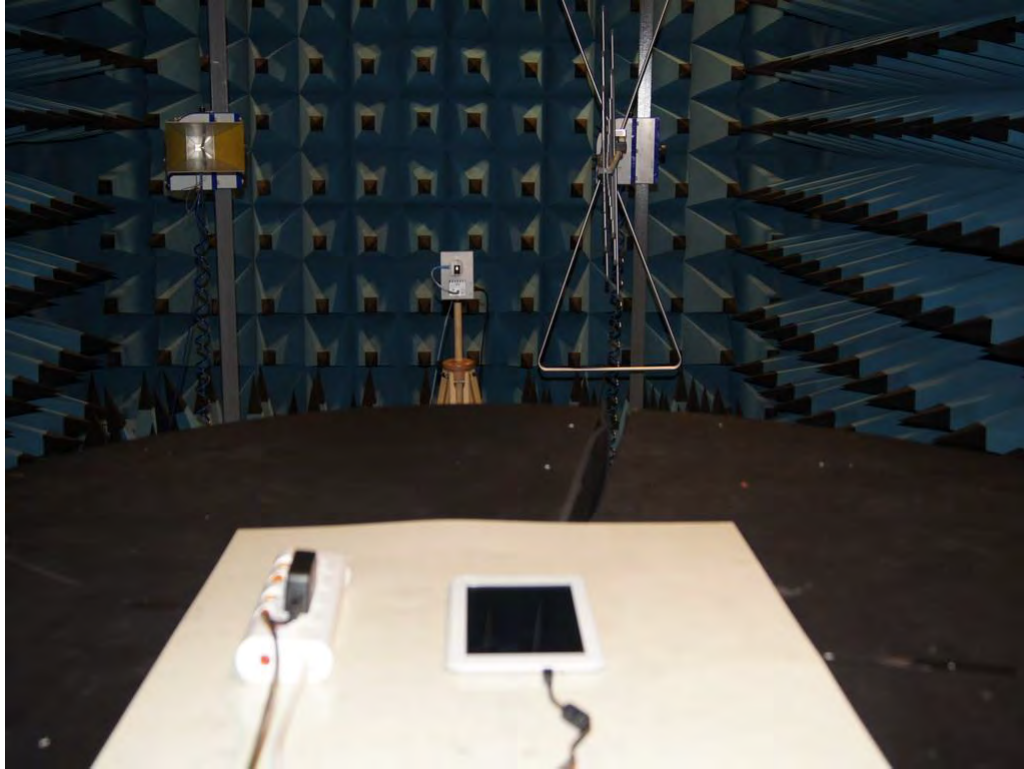
Photograph 7: Set-up for Spurious Emissions for 18 - 26.5GHz for IC



Photograph 8: Set-up for Spurious Emissions for 26.5 - 40GHz



Photograph 9: Set-up for Spurious Emissions for 26.5 - 40GHz for IC



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