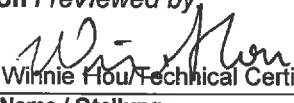


Prüfbericht-Nr.: <i>Test Report No.:</i>	17048716 001	Auftrags-Nr.: <i>Order No.:</i>	164033146	Seite 1 von 133 <i>Page 1 of 133</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	30.03.2015	
Auftraggeber: <i>Client:</i>	Lightcomm Technology Co., Ltd. RM1708-10, 17/F, PROSPERITY CENTRE, 25 CHONG YIP STREET, KWUN TONG, HONG KONG			
Prüfgegenstand: <i>Test item:</i>	8" Wi-Fi Android™ Tablet			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	NS-P16AT08, MID8005-L			
Auftrags-Inhalt: <i>Order content:</i>	FCC/IC Certification			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 RSS-210 Issue 8 December 2010 RSS-Gen Issue 4 November 2014			
Wareneingangsdatum: <i>Date of receipt:</i>	15.04.2015			
Prüfmuster-Nr.: <i>Test sample No.:</i>	1500842, 1500843, 1500844			
Prüfzeitraum: <i>Testing period:</i>	18.04.2015 - 16.05.2015			
Ort der Prüfung: <i>Place of testing:</i>	Accurate Technology Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
 26.05.2015 Owen Tian/Senior Project Manager Datum Name / Stellung Date Name / Position		 26.05.2015 Winnie Hou/Technical Certifier Datum Name / Stellung Date Name / Position		
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Pass***5.1.2 PEAK OUTPUT POWER***RESULT: Pass***5.1.3 20dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.4 6dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.5 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH***RESULT: Pass***5.1.6 POWER SPECTRAL DENSITY***RESULT: Pass***5.1.7 SPURIOUS EMISSION***RESULT: Pass***5.1.8 FREQUENCY SEPARATION***RESULT: Pass***5.1.9 NUMBER OF HOPPING FREQUENCY***RESULT: Pass***5.1.10 TIME OF OCCUPANCY***RESULT: Pass***5.1.11 CONDUCTED EMISSIONS***RESULT: Pass*

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1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.

(FCC Registration No.: 752051)

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

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

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

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

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

2.3 Traceability

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

2.4 Calibration

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

2.5 Measurement Uncertainty

Table 2: Measurement Uncertainty

Parameter	Uncertainty
Radio Spectrum	$< \pm 0.60$ dB
Radiated emission of transmitter, valid up to 26.5 GHz	$< \pm 4.42$ dB
Conducted Emission	$< \pm 2.23$ dB
Radiated Emission	$< \pm 4.42$ dB

2.6 Location of Original Data

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

2.7 Status of Facility Used for Testing

Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. General Product Information

3.1 Product Function and Intended Use

The EUTs are 8" tablet with Wi-Fi, Bluetooth & GPS function.
 Two models are identical except the model name.
 For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of Bluetooth (BDR & EDR mode)

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	2402 – 2480MHz
Channel separation	1MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)
Modulation	FHSS, GFSK, 8DPSK, $\pi/4$ DQPSK
Bluetooth version	4.0, Dual Mode
Antenna Gain	1.4dBi

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

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

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

Table 5: Technical Specification of Bluetooth (LE mode)

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	2402 – 2480MHz
Channel separation	2MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)
Modulation	GFSK
Bluetooth version	4.0, Dual Mode
Antenna Gain	1.4dBi

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

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

3.3 Independent Operation Modes

The basic operation modes are:

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

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- | | |
|--------------------|----------------------|
| - Bill of Material | - Circuit Diagram |
| - PCB Layout | - Instruction Manual |
| - Photo Document | - Rating Label |

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 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 EMC Compliance

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

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

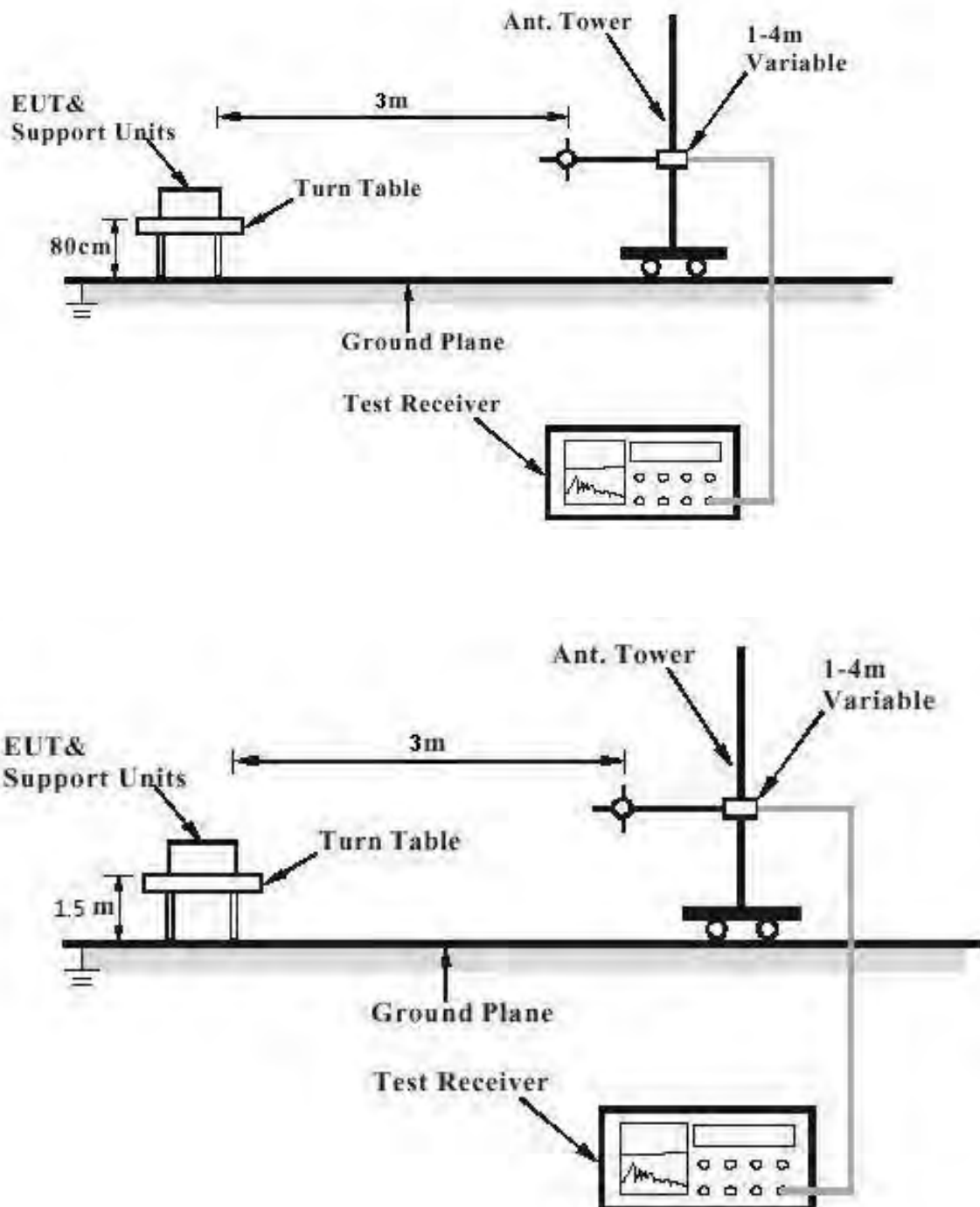


Diagram of Measurement Equipment Configuration for Conduction Measurement

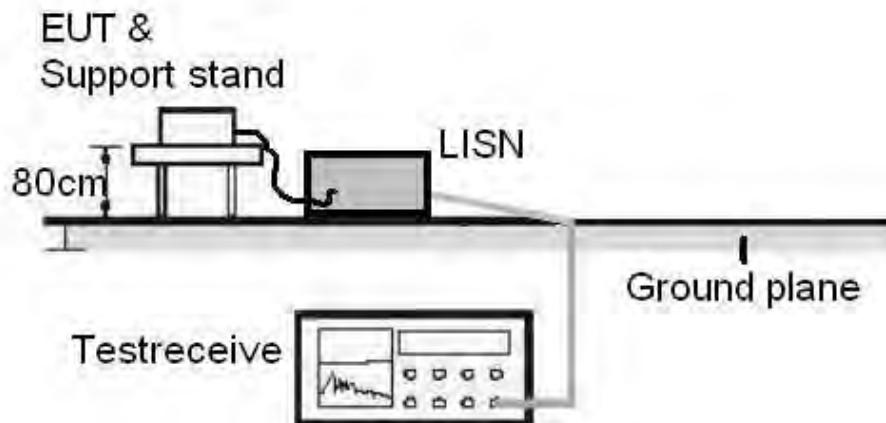
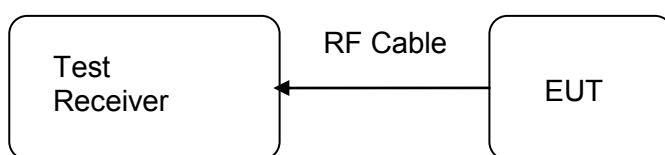


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard	:	Part 15.203 RSS-Gen Clause 6.7
Limit		The use of antennas with directional gains that do not exceed 6dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 1.4dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

5.1.2 Peak Output Power

RESULT:
Pass

Test date : 2015-05-14
 Test standard : FCC Part 15.247(b)(1)
 FCC Part 15.247(b)(3)
 RSS-210 A8.4(2)
 RSS-210 A8.4(4)
 Basic standard : ANSI C63.4: 2003
 ANSI C63.4: 2014
 ANSI C63.10: 2013
 Clause 9.1 of KDB 558074 v03r01
 Limit : 125mW, 1W
 Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A.1.a, A.2.a
 Ambient temperature : 25°C
 Relative humidity : 52%
 Atmospheric pressure : 101kPa

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

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	3.28	21
Middle Channel	2441	3.40	21
High Channel	2480	3.36	21

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

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	2.39	21
Middle Channel	2441	2.59	21
High Channel	2480	2.63	21

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

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	-4.39	30
Middle Channel	2440	-4.30	30
High Channel	2480	-4.24	30

5.1.3 20dB Bandwidth and 99% Bandwidth

RESULT:

Pass

Date of testing	:	2015-05-14
Test standard	:	FCC Part 15.247(a)(1) RSS-210 A8.1(a)
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 ANSI C63.10: 2013 Clause 8 of KDB 558074 v03r01
Kind of test site	:	Shielded room

Test setup

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

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

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	0.5644	0.9508
Mid Channel	2441	0.5644	0.9465
High Channel	2480	0.5644	0.9465

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

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	0.7511	1.1766
Mid Channel	2441	0.7555	1.1766
High Channel	2480	0.7598	1.1722

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5.1.4 6dB Bandwidth and 99% Bandwidth**RESULT:****Pass**

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

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.2.a
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

Table 12: Test result of 6dB & 99% Bandwidth of Bluetooth, LE mode

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	0.6599	1.0333
Mid Channel	2440	0.6599	1.0333
High Channel	2480	0.6599	1.0333

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

Date of testing	:	2015-05-14
Test standard	:	FCC part 15.247(d) RSS-210 A8.5
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 ANSI C63.10: 2013
Limit	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power);
Kind of test site	:	Shield room

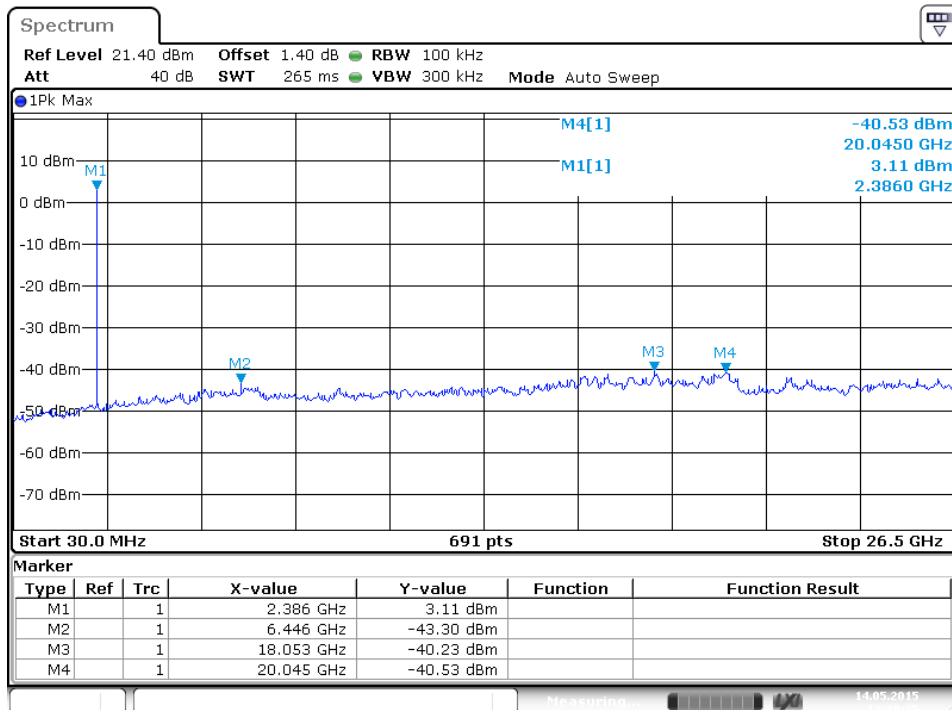
Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1.a, A.2.a
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

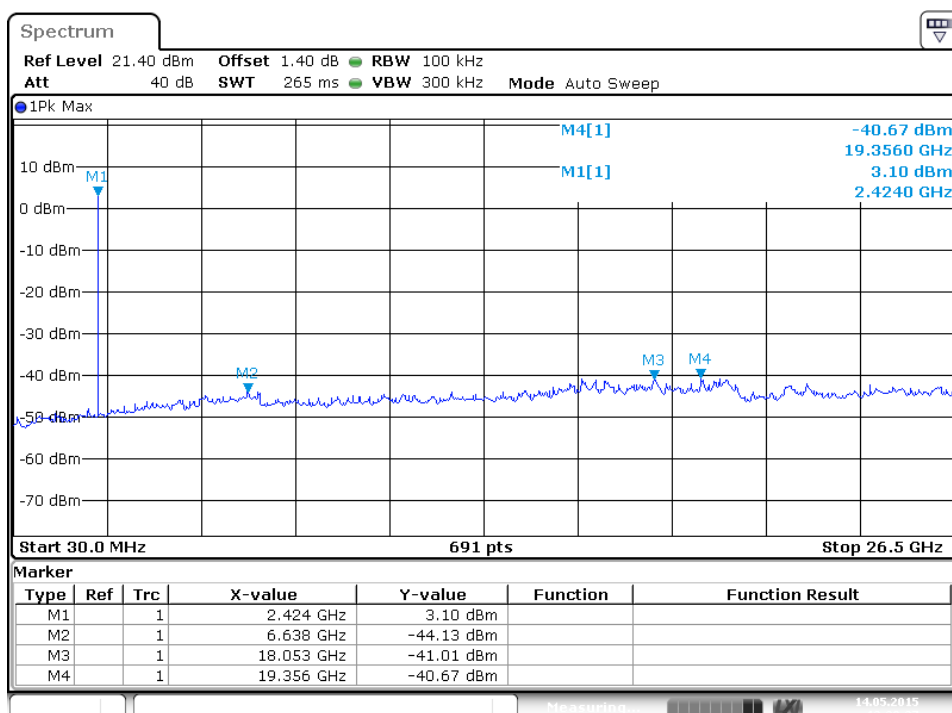
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of BDR mode

Low Channel

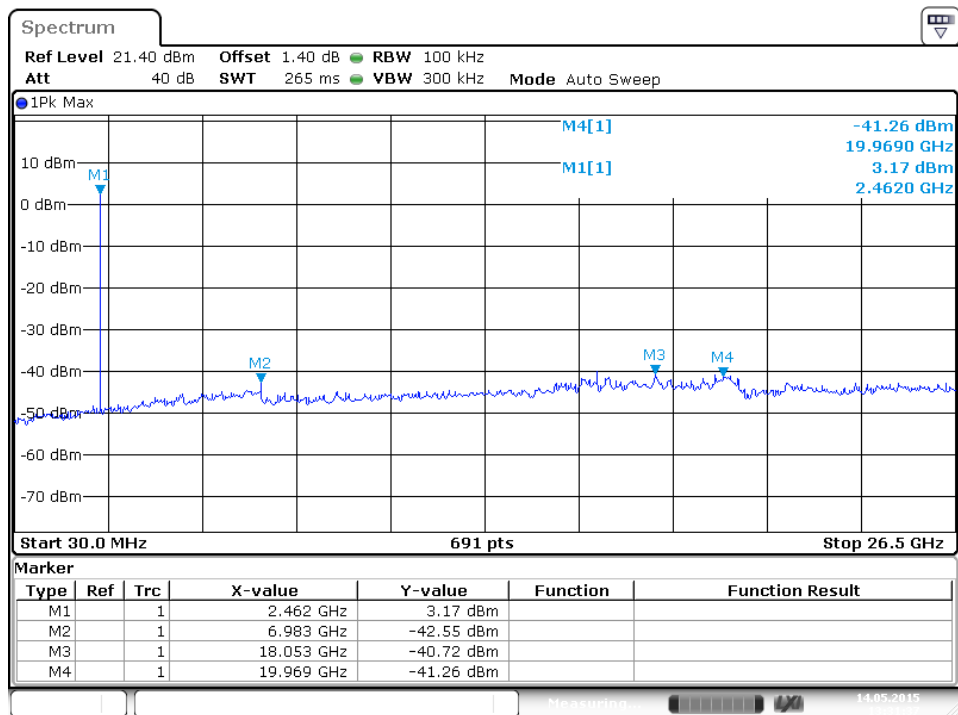


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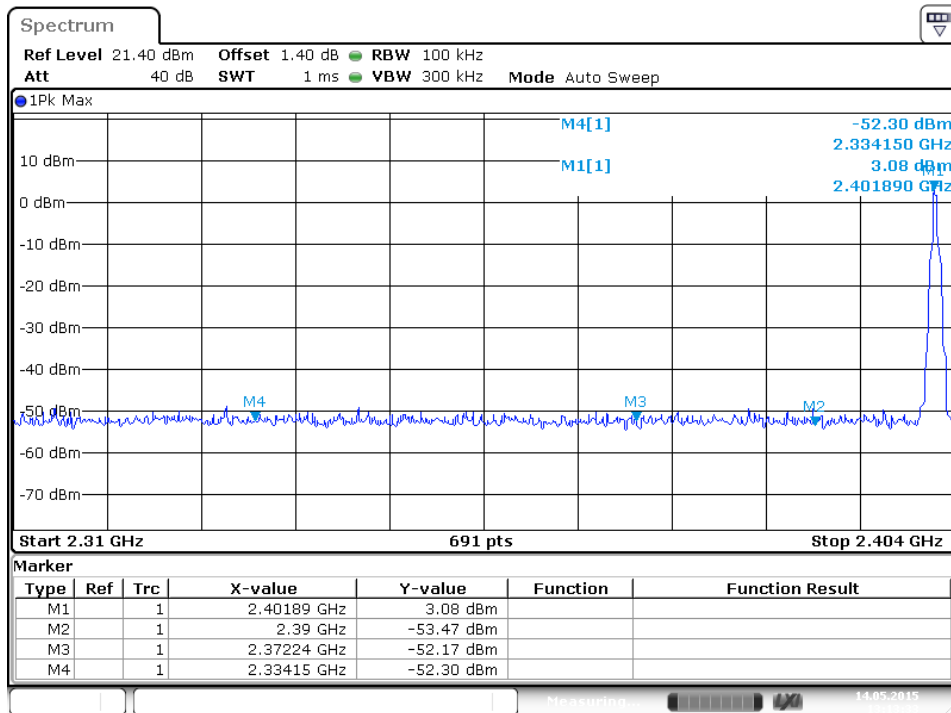
Middle Channel



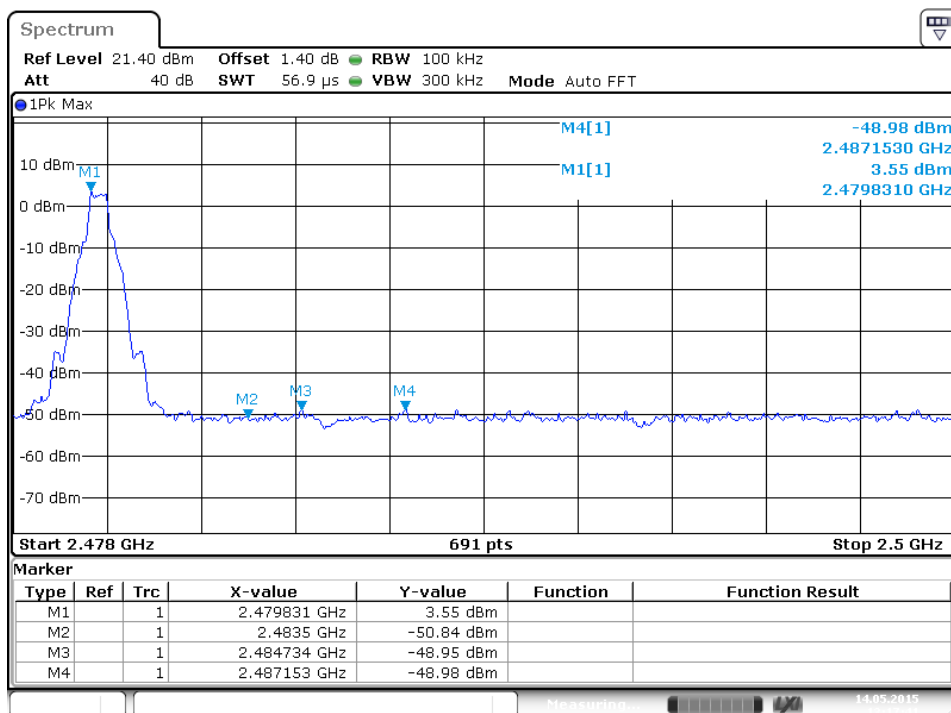
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High Channel


Date: 14.MAY.2015 13:31:37

Band Edge


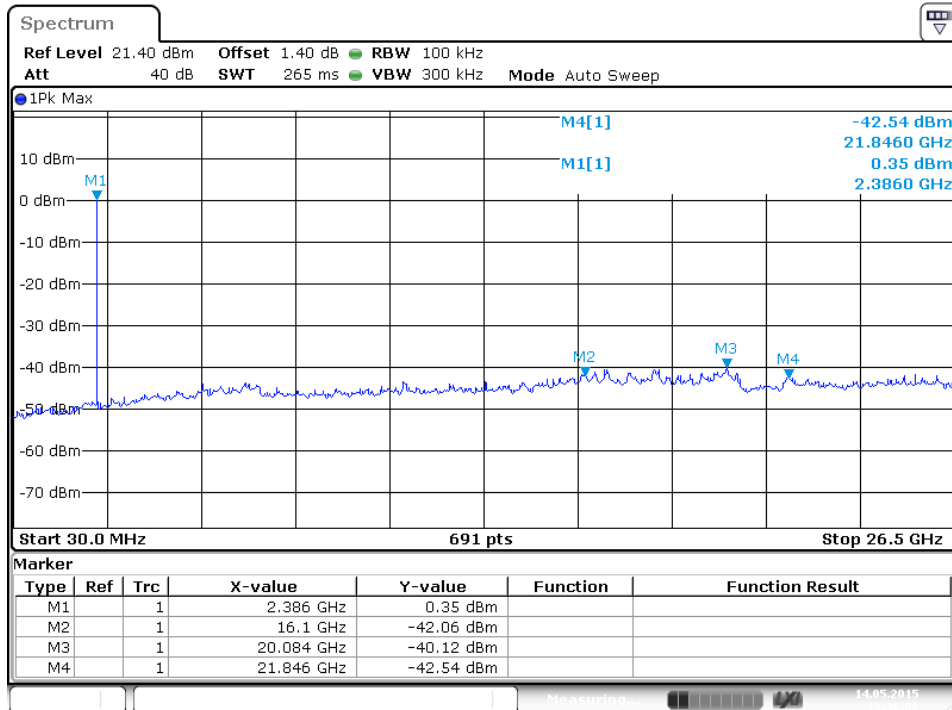
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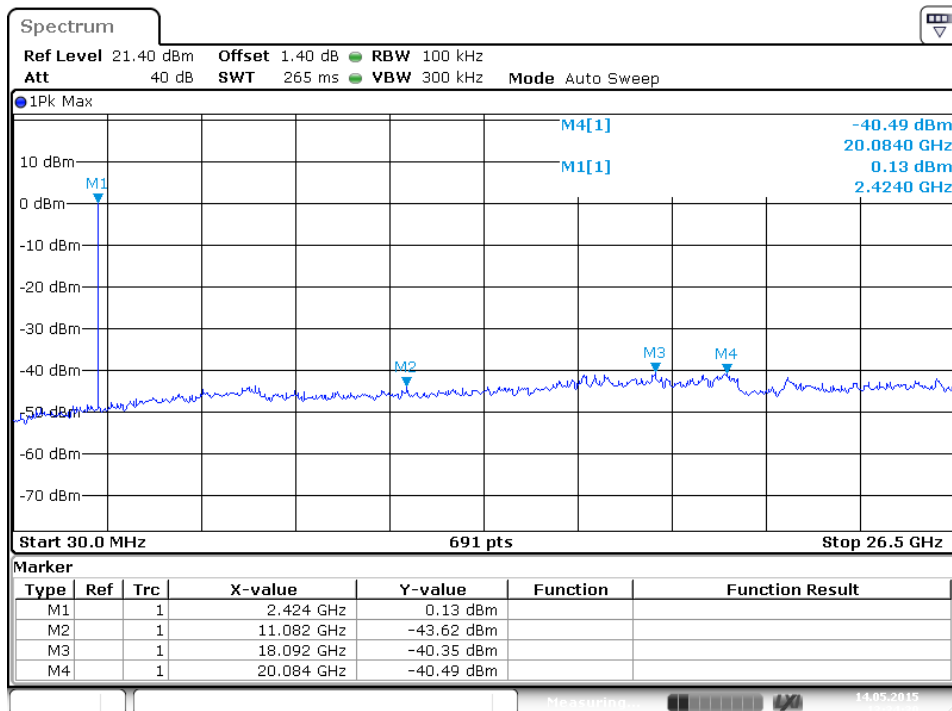
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of EDR mode

Low Channel



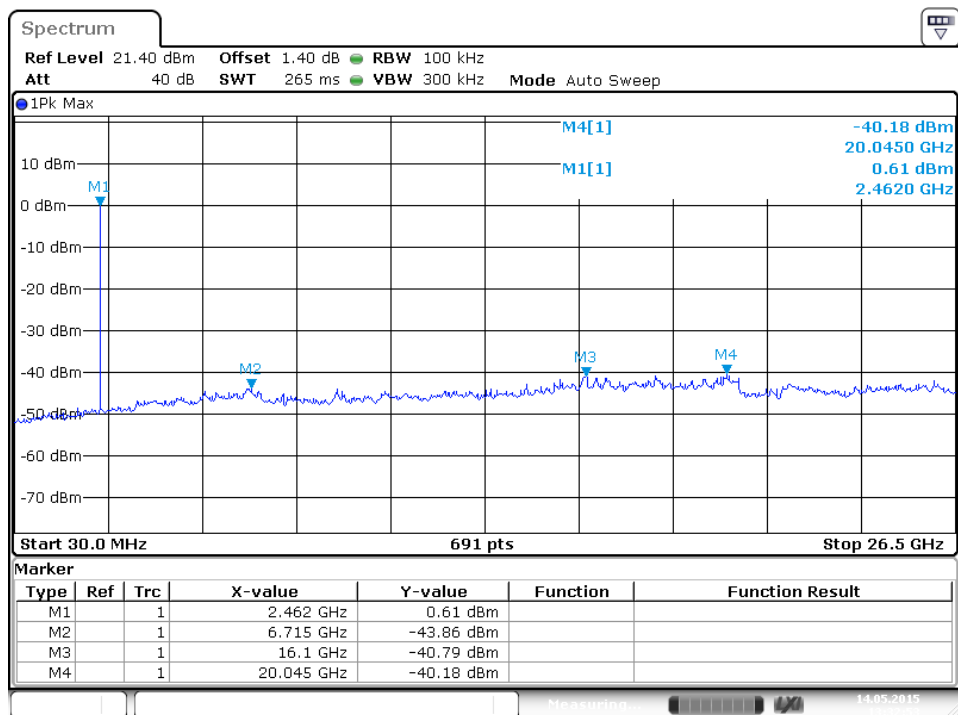
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Middle Channel

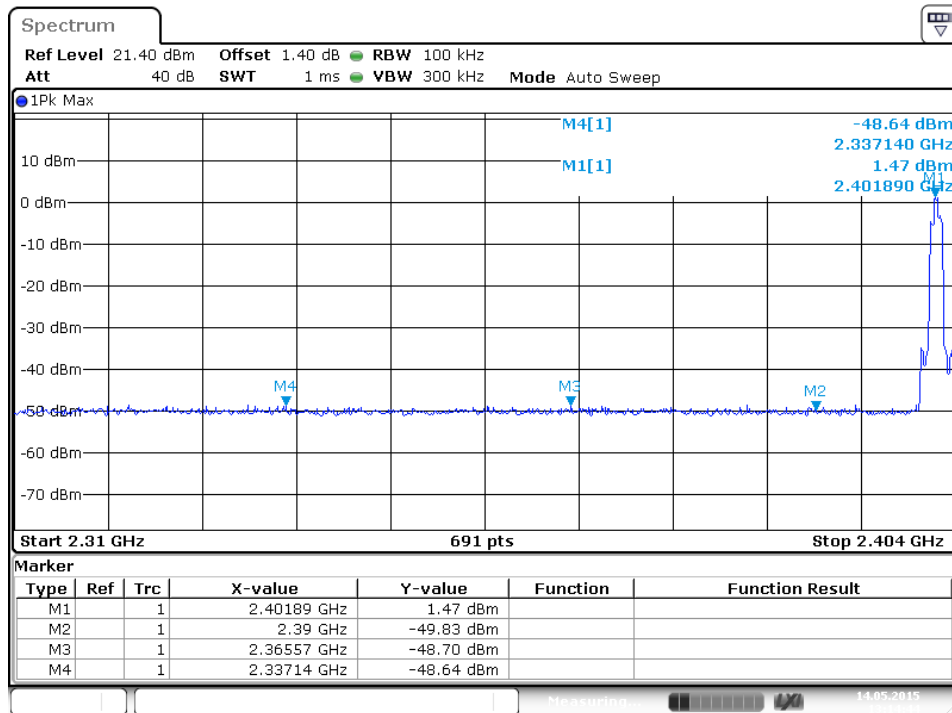


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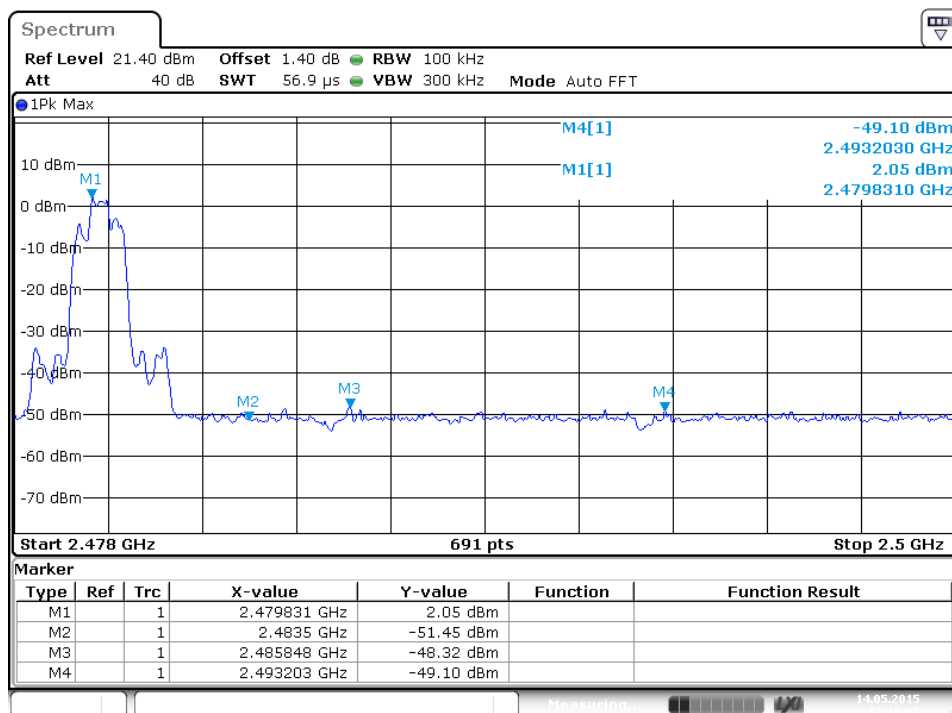
High Channel



Date: 14.MAY.2015 13:32:53

Band Edge


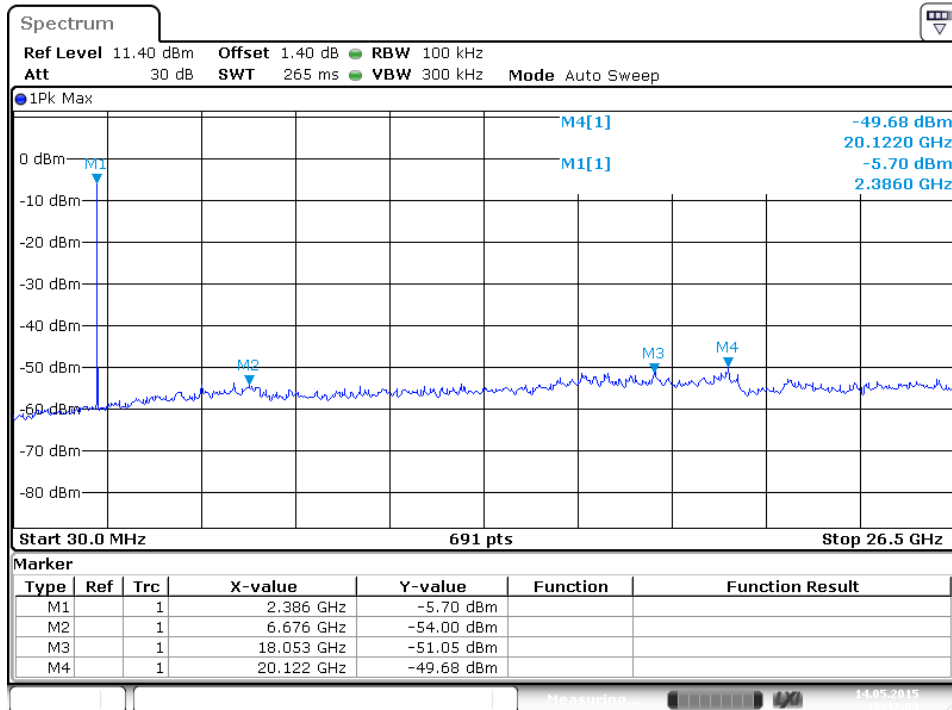
Date: 14.MAY.2015 13:14:43



Date: 14.MAY.2015 13:16:05

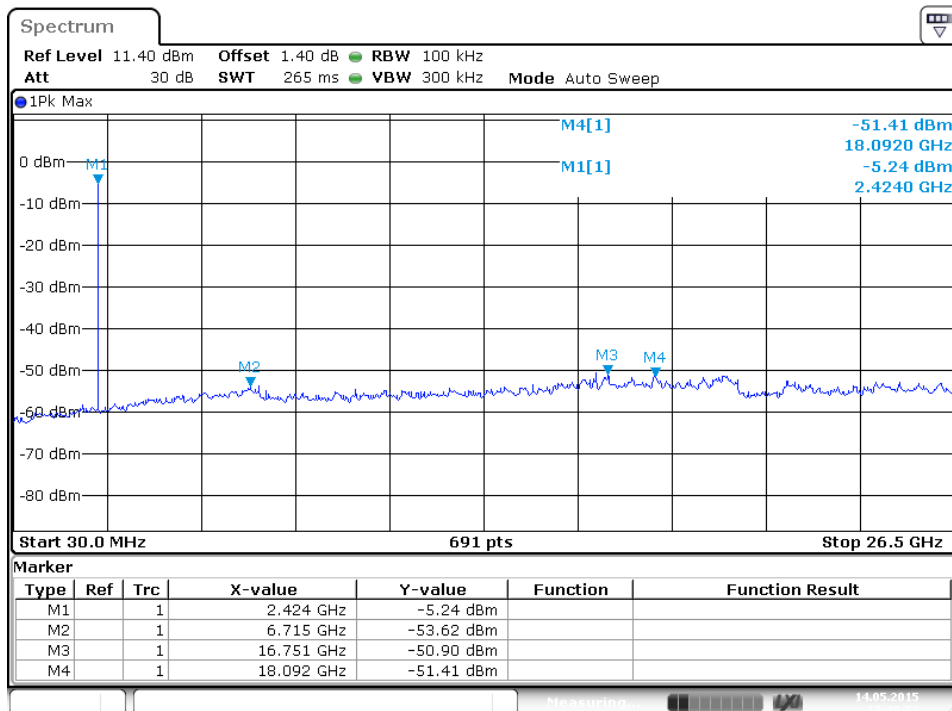
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of LE mode

Low Channel



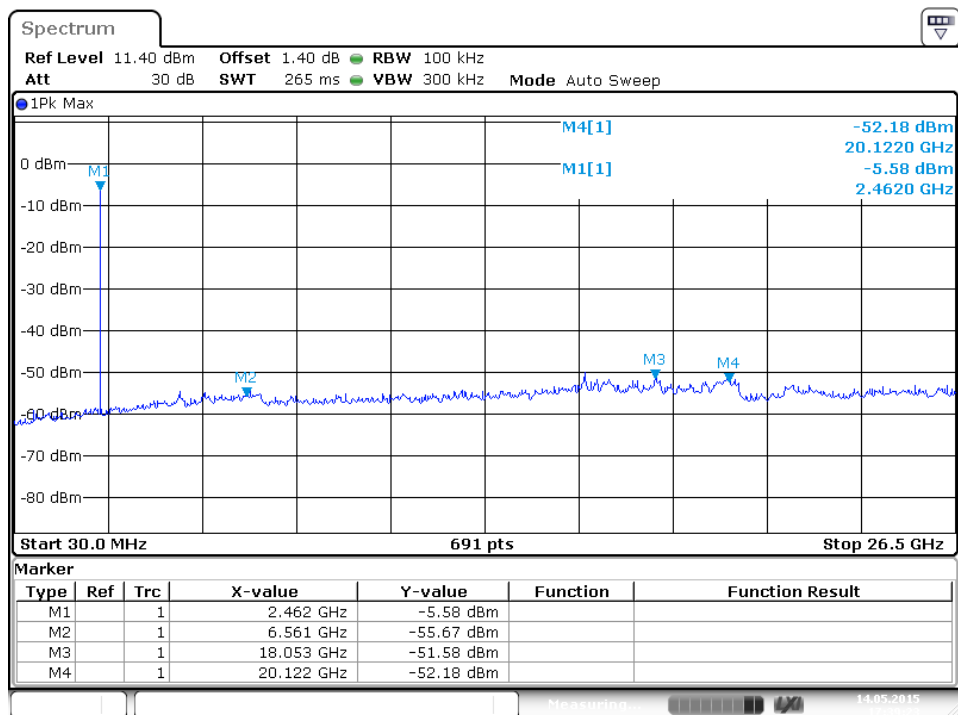
Date: 14.MAY.2015 17:42:03

Middle Channel

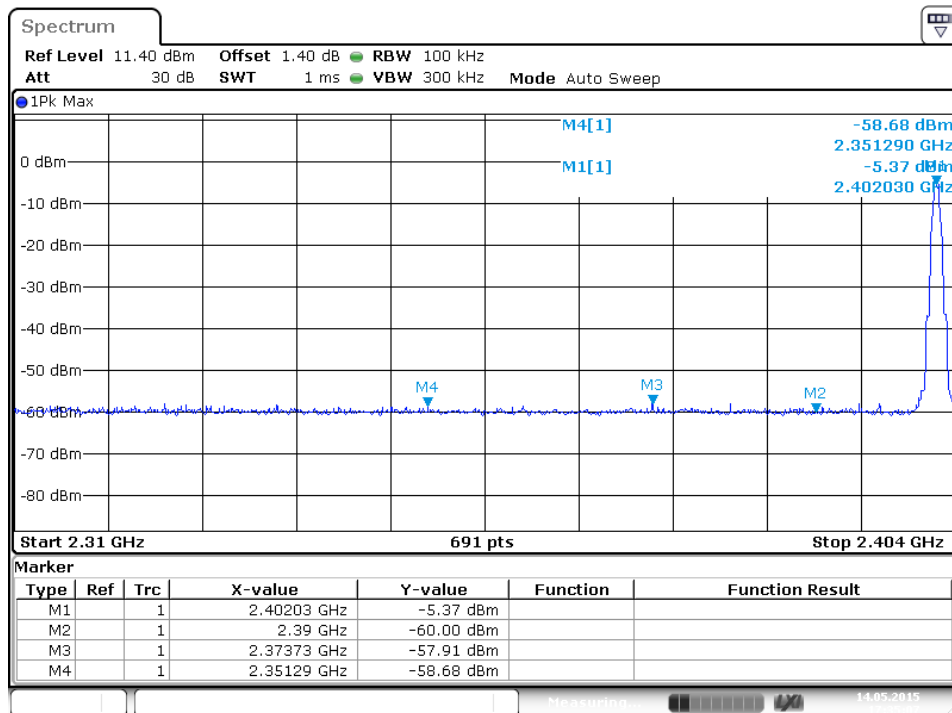


Date: 14.MAY.2015 17:40:52

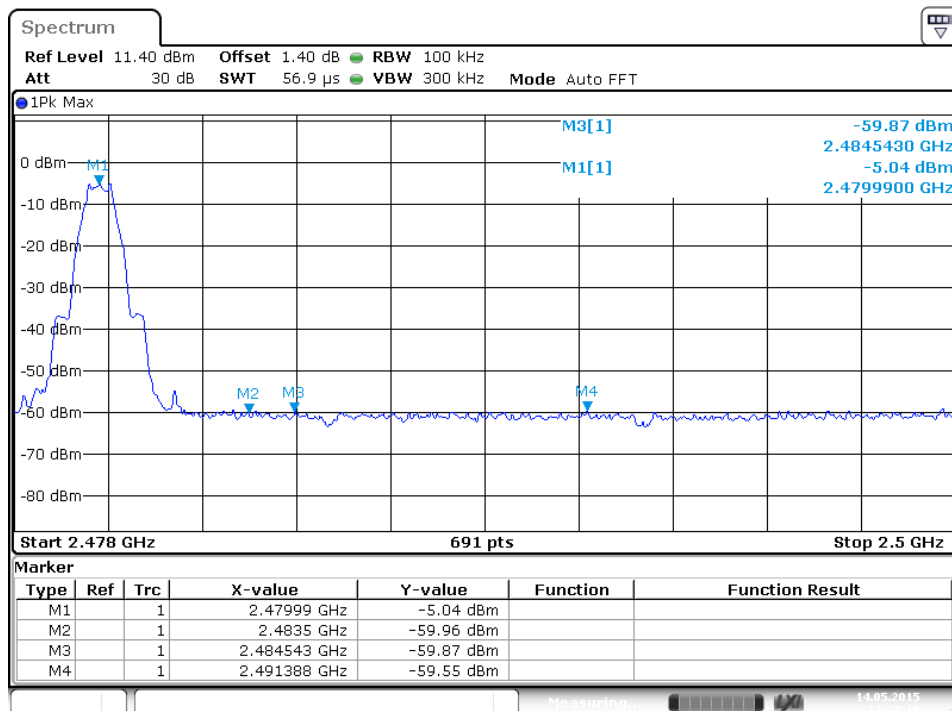
High Channel



Date: 14.MAY.2015 17:39:23

Band Edge


Date: 14.MAY.2015 17:35:06



Date: 14.MAY.2015 17:37:18

5.1.6 Power spectral density

RESULT:

Pass

Date of testing	:	2015-05-14
Test standard	:	FCC part 15.247(e) RSS-210 A8.2
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 ANSI C63.10: 2013 Clause 10 of KDB 558074 v03r01
Limit	:	8dBm/3kHz
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A.2.a
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

Table 13: Test result of power spectral density:

Mode	Channel (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Conclusion
Bluetooth LE mode	2402	-19.98	8	Pass
	2440	-19.92	8	Pass
	2480	-19.81	8	Pass

Prüfbericht - Nr.: 17048716 001

Test Report No.

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5.1.7 Spurious Emission

RESULT:**Pass**

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

Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1.a, A.2.a
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

Prüfbericht - Nr.: 17048716 001
 Test Report No.

Seite 29 von 133
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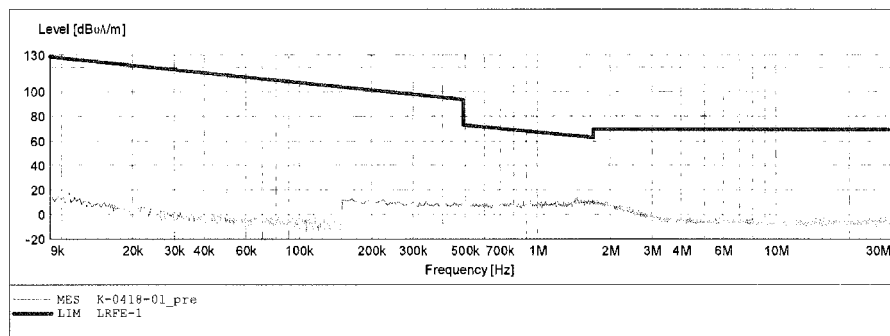
Test Plot of Spurious Emission of Bluetooth 3.0

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

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2402MHz
 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

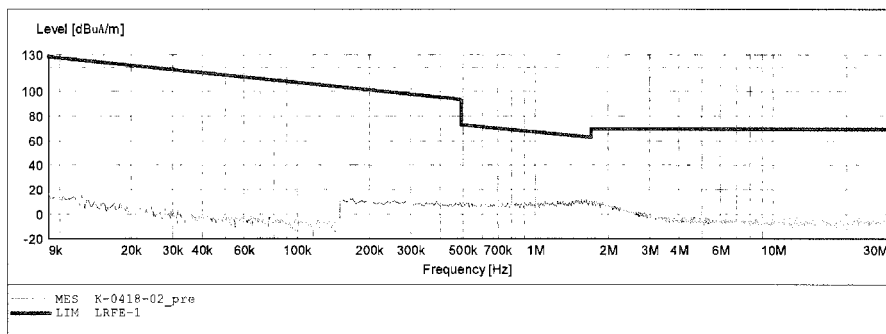


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2402MHz
 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

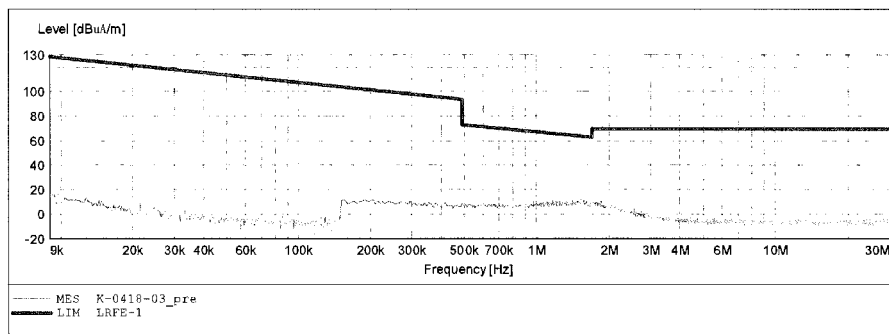


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2402MHz
 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

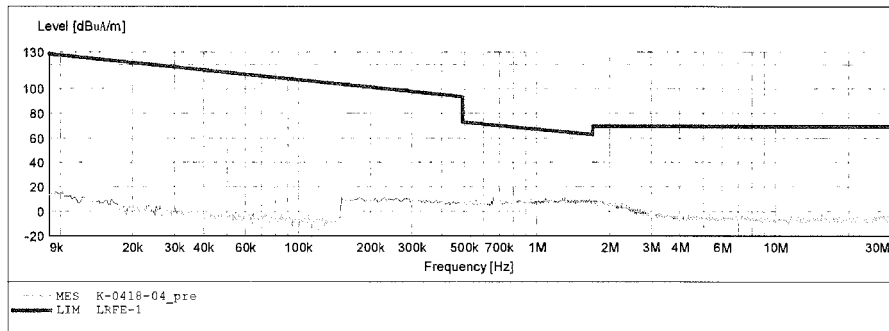


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2441MHz
 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

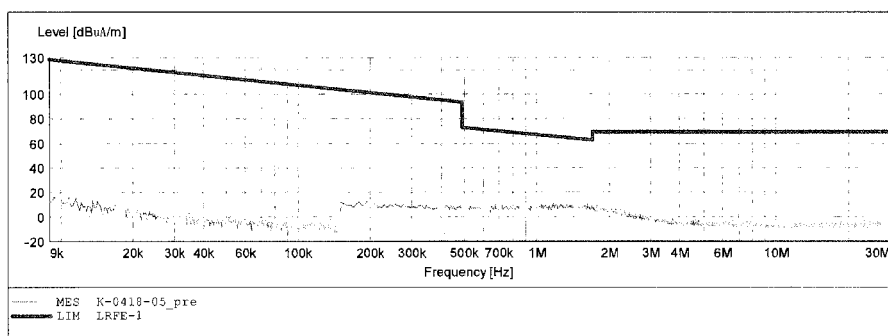


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2441MHz
 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

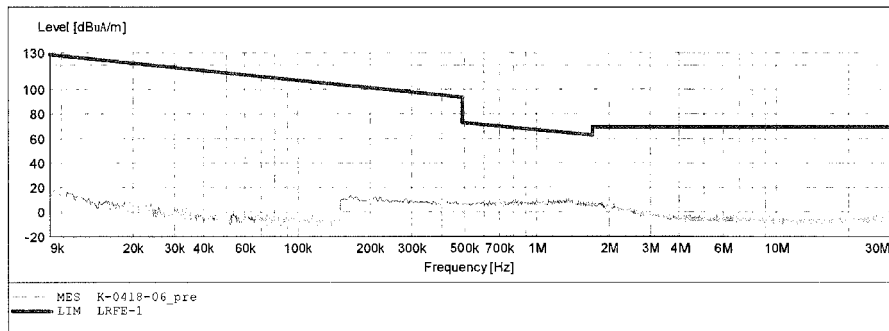


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2441MHz
 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

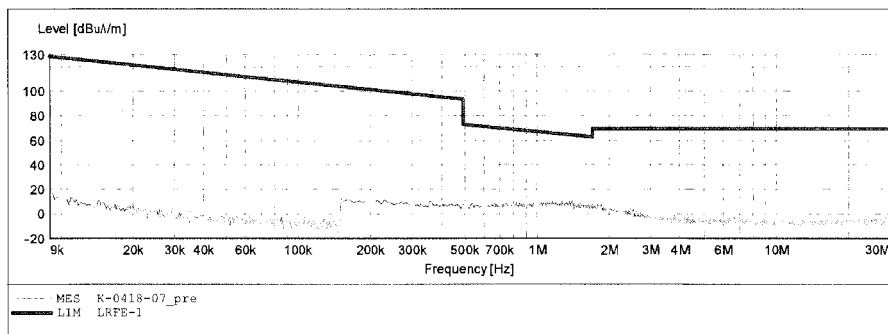


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2480MHz
 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

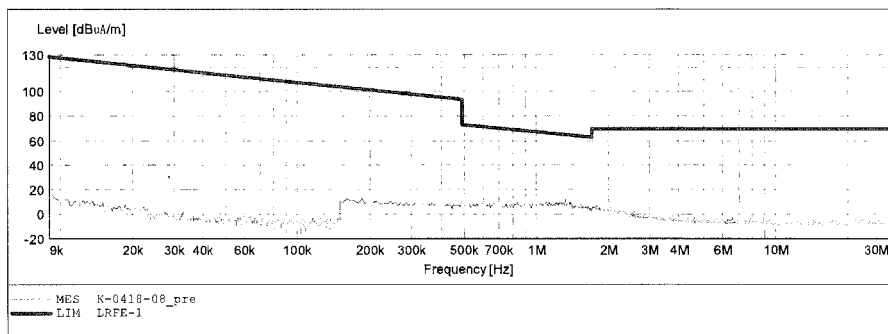


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y

SCAN TABLE: "LFRE Fin"

Short Description: _SUB_STD VTERM2 1.70			Detector	Meas. Time	IF Bandw.	Transducer
Start Frequency	Stop Frequency	Step Width				
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

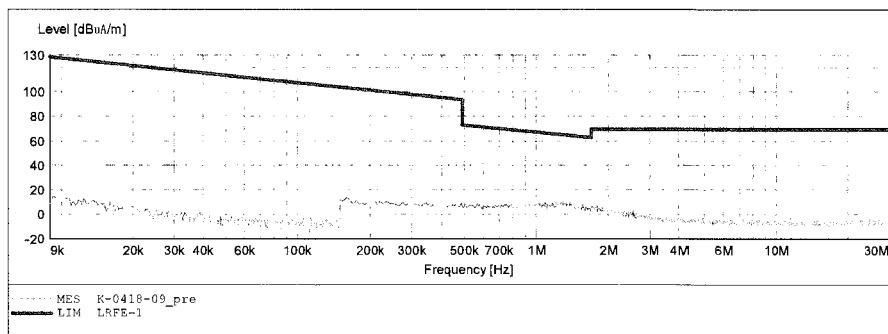


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2480MHz
 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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Job No.: YULIAH #342

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 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

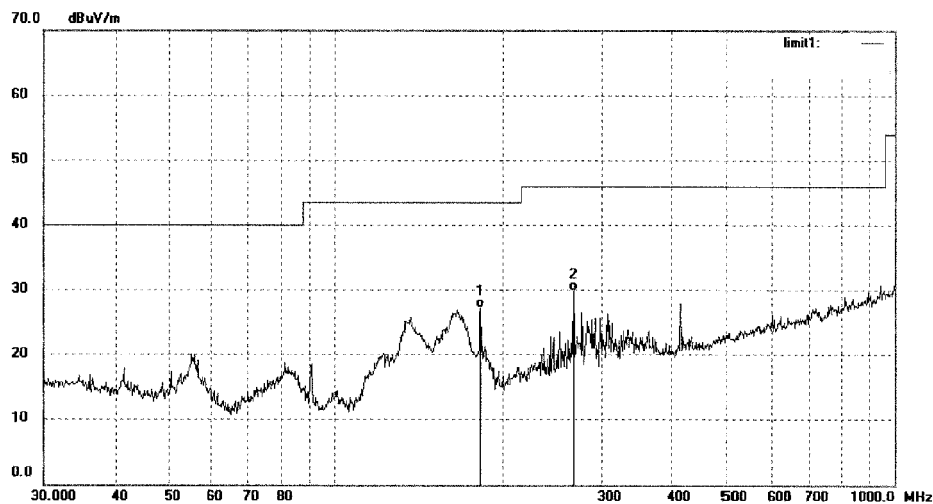
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.9202	40.46	-13.18	27.28	43.50	-16.22	QP			
2	266.6089	40.25	-10.35	29.90	46.00	-16.10	QP			


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Fax:+86-0755-26503396

Job No.: YULIAH #343

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 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

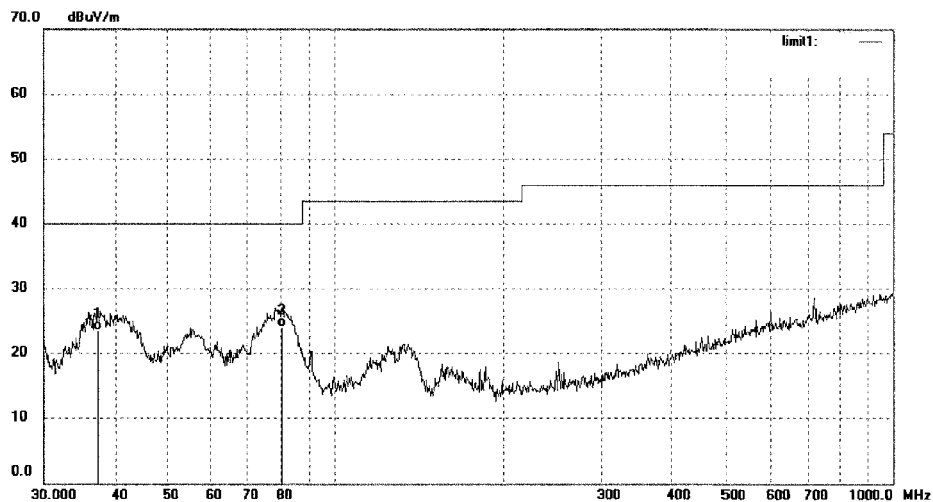
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.2855	34.53	-10.93	23.60	40.00	-16.40	QP			
2	80.6442	40.43	-16.36	24.07	40.00	-15.93	QP			


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Job No.: YULIAH #345

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 2441MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

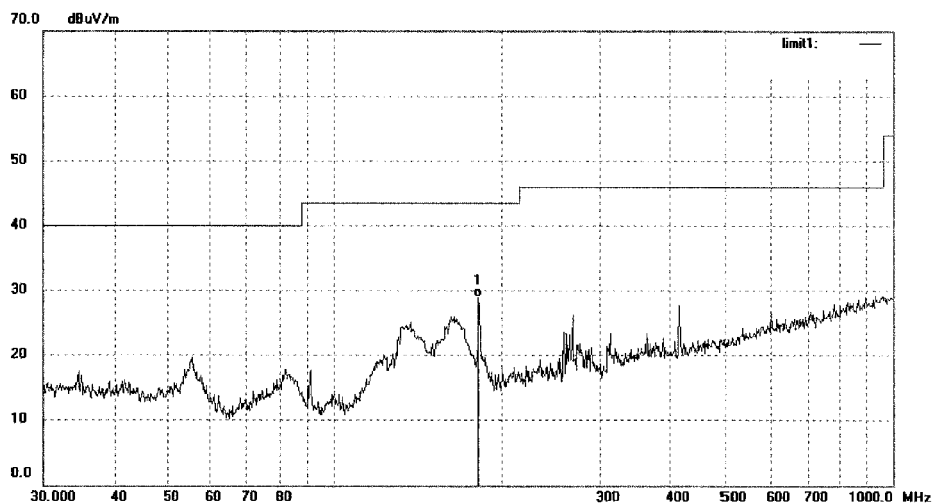
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



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	42.30	-13.28	29.02	43.50	-14.48	QP			


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Job No.: YULIAH #344

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 2441MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

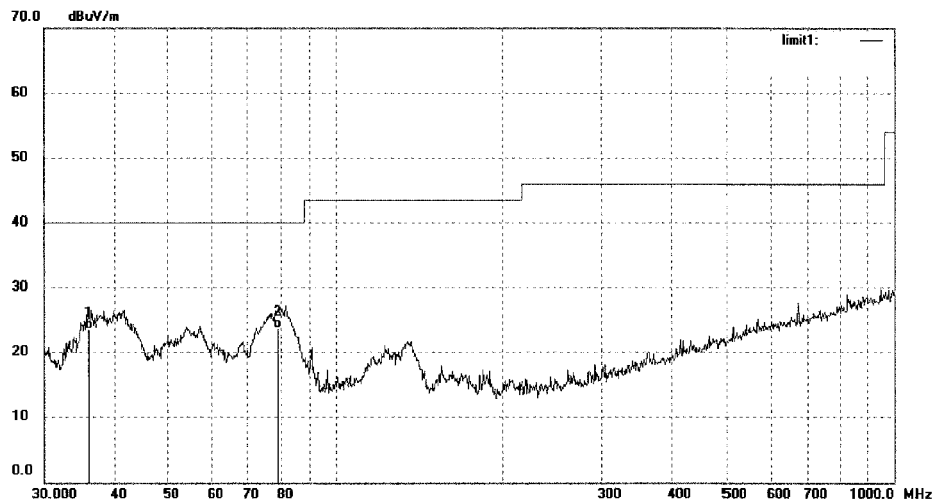
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.8746	34.16	-10.62	23.54	40.00	-16.46	QP			
2	79.2426	40.24	-16.56	23.68	40.00	-16.32	QP			


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Job No.: YULIAH #346

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 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

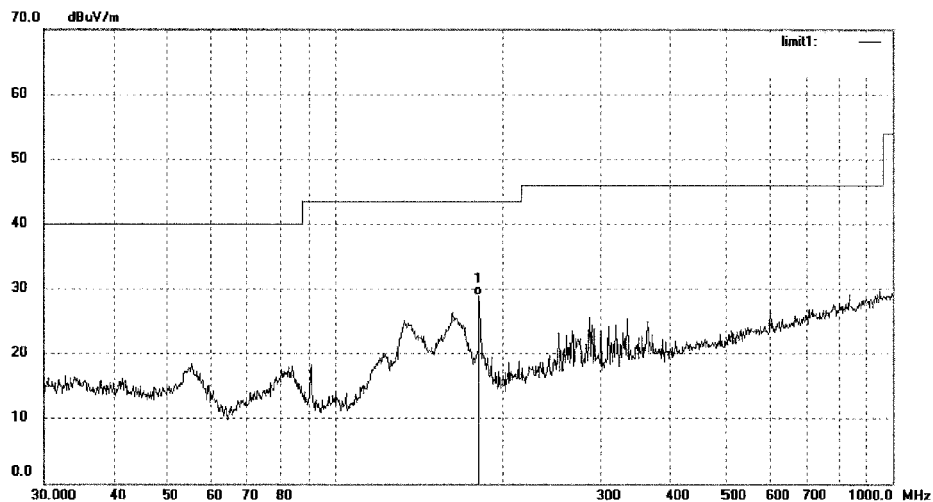
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



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	42.16	-13.28	28.88	43.50	-14.62	QP			


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Job No.: YULIAH #347

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 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

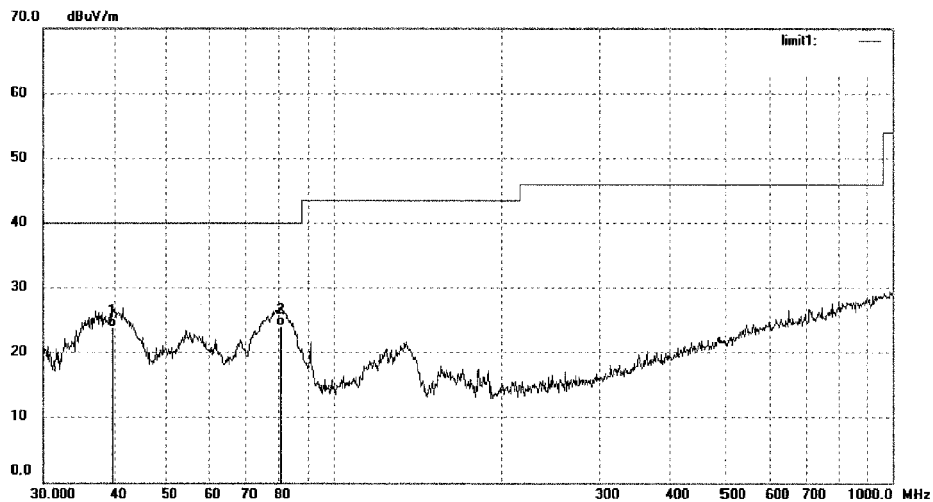
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.7146	35.34	-11.48	23.86	40.00	-16.14	QP			
2	80.6441	40.38	-16.36	24.02	40.00	-15.98	QP			


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Job No.: YULIAH #397

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 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

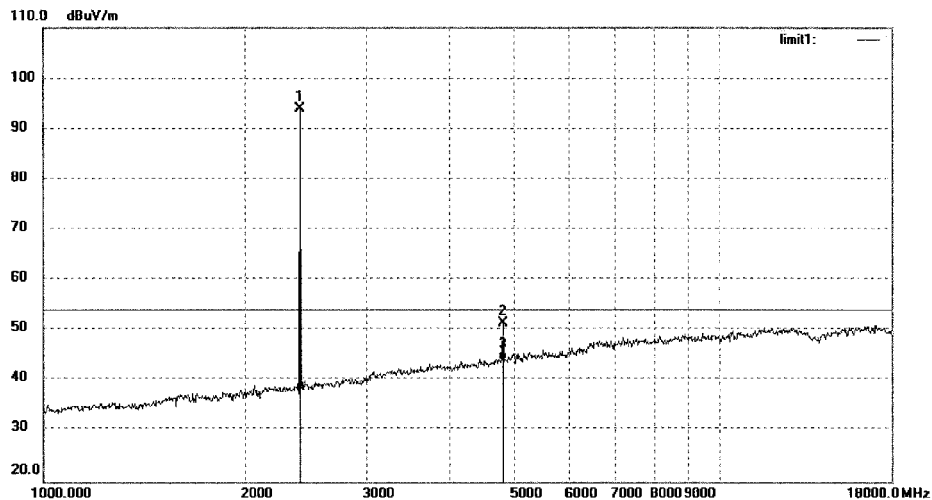
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	101.38	-7.45	93.93	/	/	peak			
2	4804.035	51.77	-0.30	51.47	74.00	-22.53	peak			
3	4804.035	44.25	-0.30	43.95	54.00	-10.05	AVG			


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Fax:+86-0755-26503396

Job No.: YULIAH #396

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 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

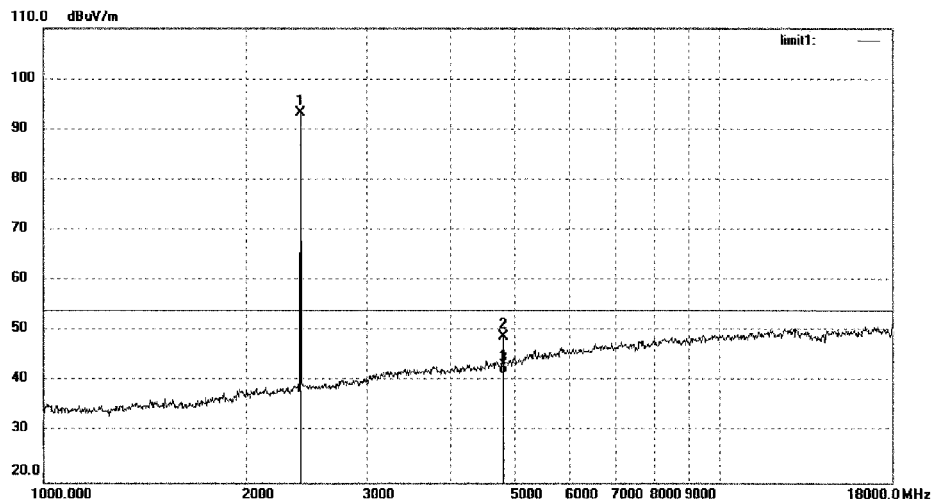
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	100.69	-7.45	93.24	/	/	peak			
2	4804.026	49.31	-0.30	49.01	74.00	-24.99	peak			
3	4804.026	41.83	-0.30	41.53	54.00	-12.47	AVG			


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Fax:+86-0755-26503396

Job No.: YULIAH #401

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 2441MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

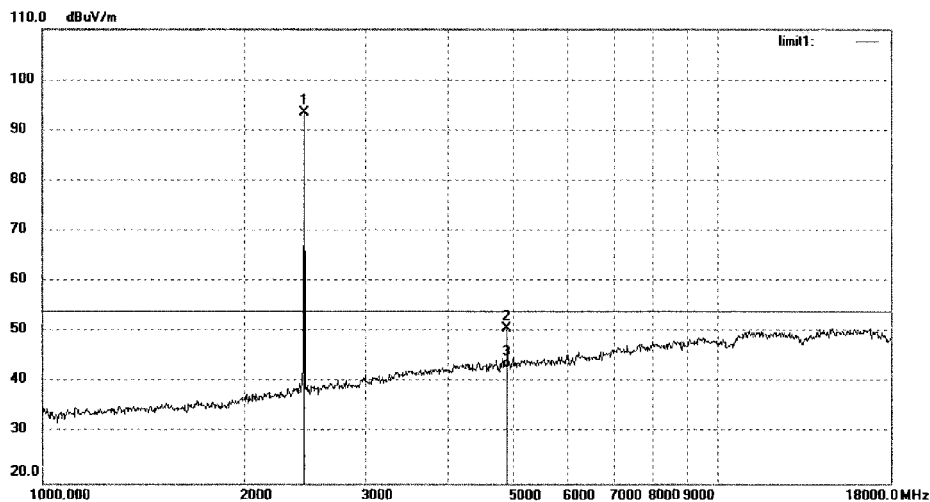
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	100.76	-7.35	93.41	/	/	peak			
2	4882.027	50.58	0.14	50.72	74.00	-23.28	peak			
3	4882.027	42.79	0.14	42.93	54.00	-11.07	AVG			


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Fax:+86-0755-26503396

Job No.: YULIAH #400

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 2441MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

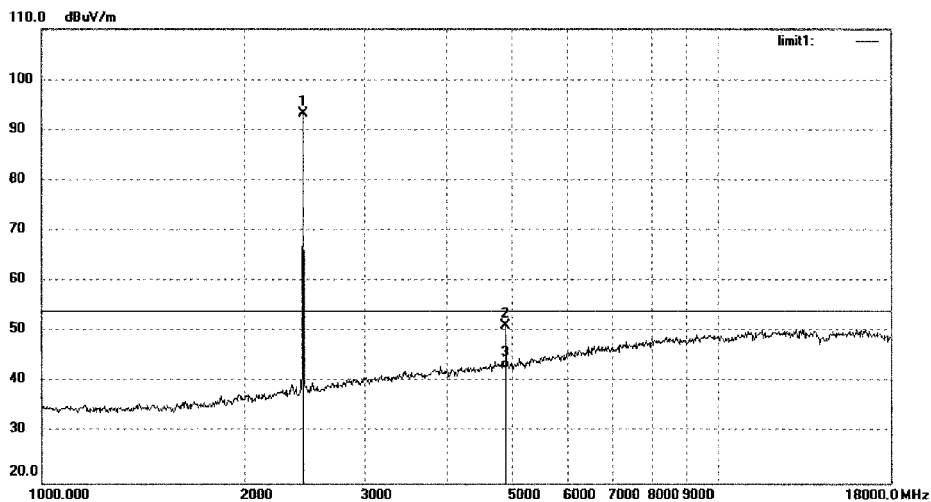
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	100.48	-7.35	93.13	/	/	peak			
2	4882.030	50.99	0.14	51.13	74.00	-22.87	peak			
3	4882.030	42.58	0.14	42.72	54.00	-11.28	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #402

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 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

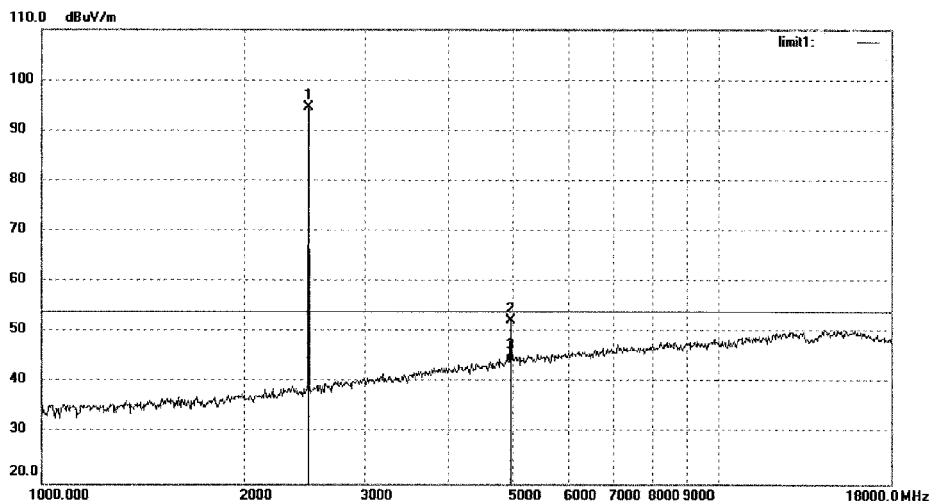
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	101.97	-7.37	94.60	/	/	peak			
2	4960.029	51.66	0.52	52.18	74.00	-21.82	peak			
3	4960.029	43.57	0.52	44.09	54.00	-9.91	AVG			


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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #403

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 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

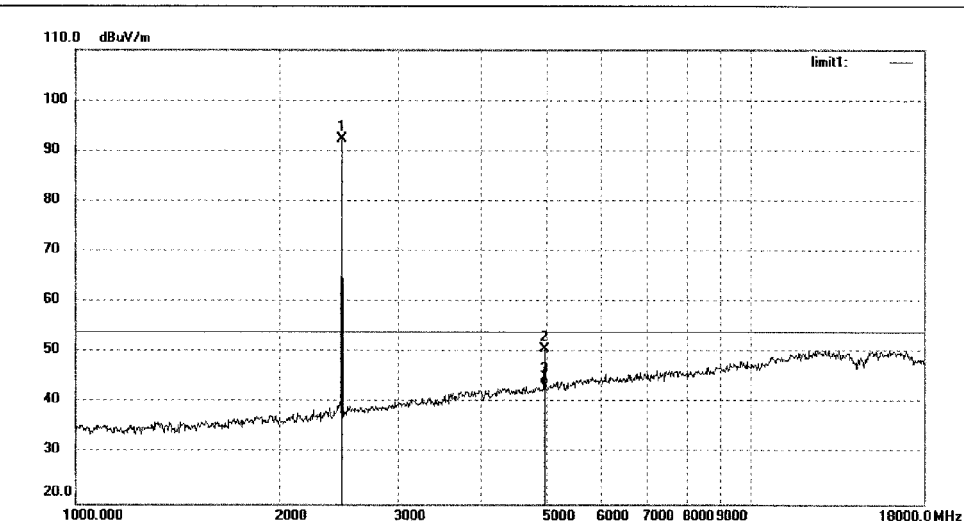
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	99.61	-7.37	92.24	/	/	peak			
2	4960.033	50.14	0.52	50.66	74.00	-23.34	peak			
3	4960.033	42.96	0.52	43.48	54.00	-10.52	AVG			


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Fax:+86-0755-26503396

Job No.: YULIAH #570

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

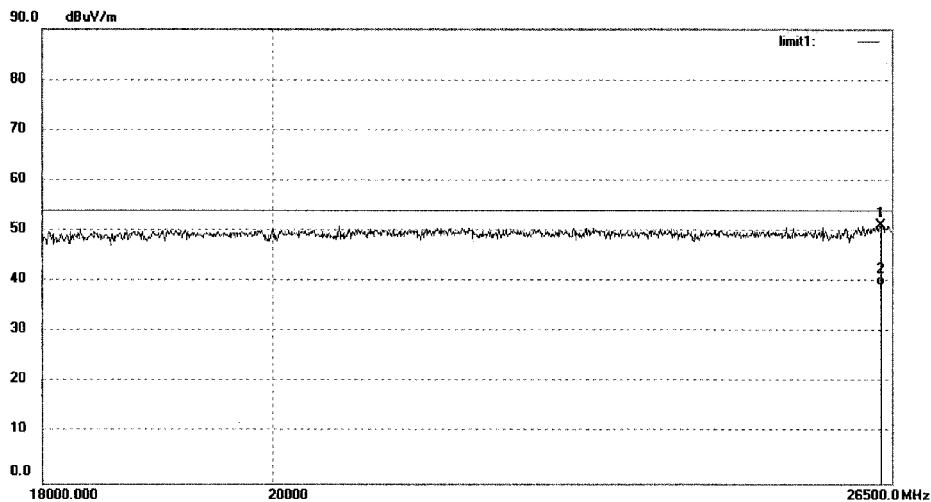
Mode: TX 2402MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: Bluetooth



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	34.70	16.50	51.20	74.00	-22.80	peak			
2	26366.825	22.80	16.50	39.30	54.00	-14.70	AVG			

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #569

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

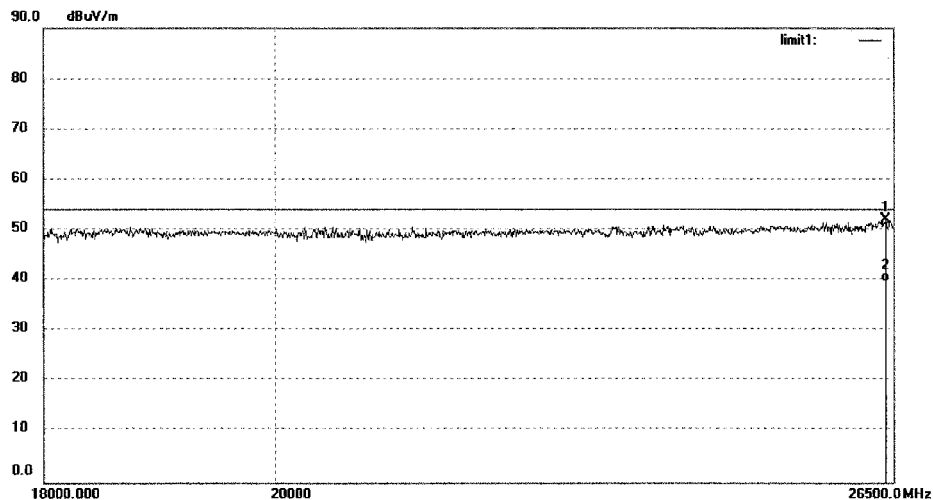
Mode: TX 2402MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: Bluetooth



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	35.14	16.95	52.09	74.00	-21.91	peak			
2	26417.967	22.82	16.95	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 #571

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 2441MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

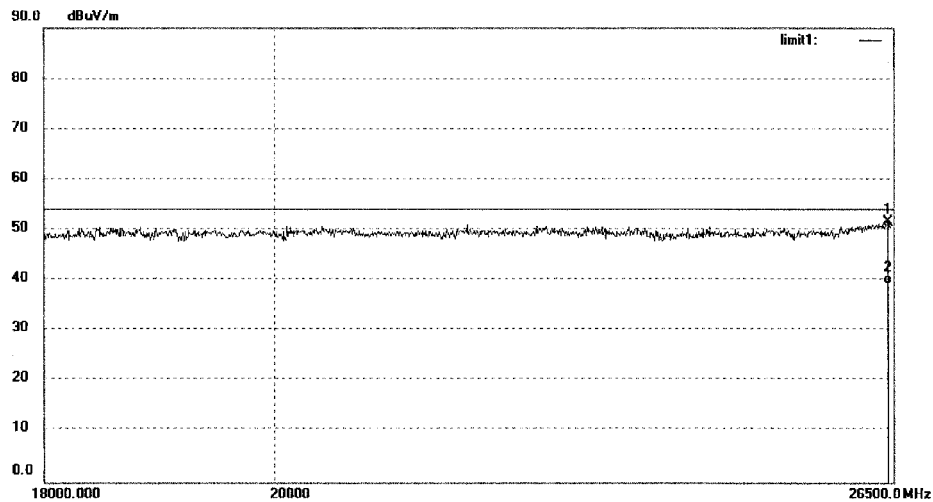
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



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	35.07	16.50	51.57	74.00	-22.43	peak			
2	26438.451	22.75	16.50	39.25	54.00	-14.75	AVG			


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Site: 2# Chamber

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Job No.: YULIAH #572

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 2441MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

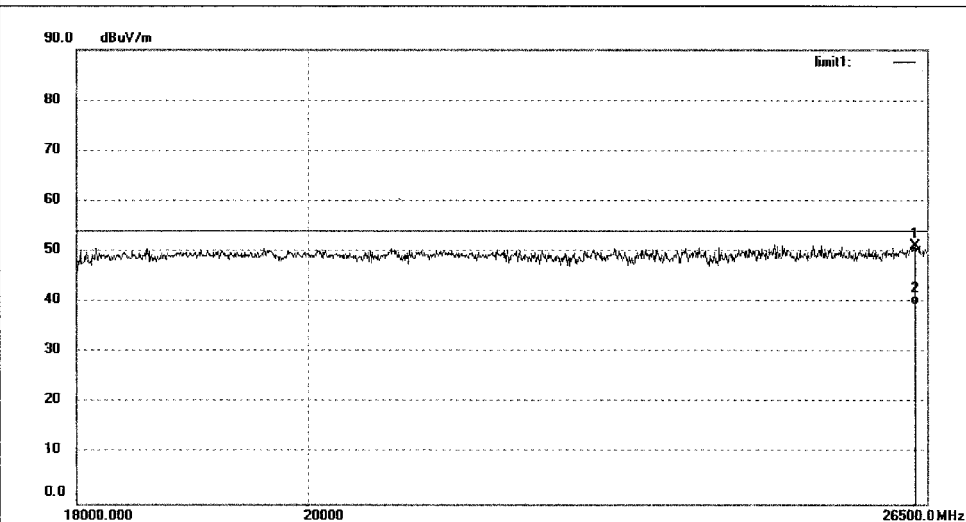
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26356.609	34.21	16.99	51.20	74.00	-22.80	peak			
2	26356.609	22.53	16.99	39.52	54.00	-14.48	AVG			


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Job No.: YULIAH #574

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 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

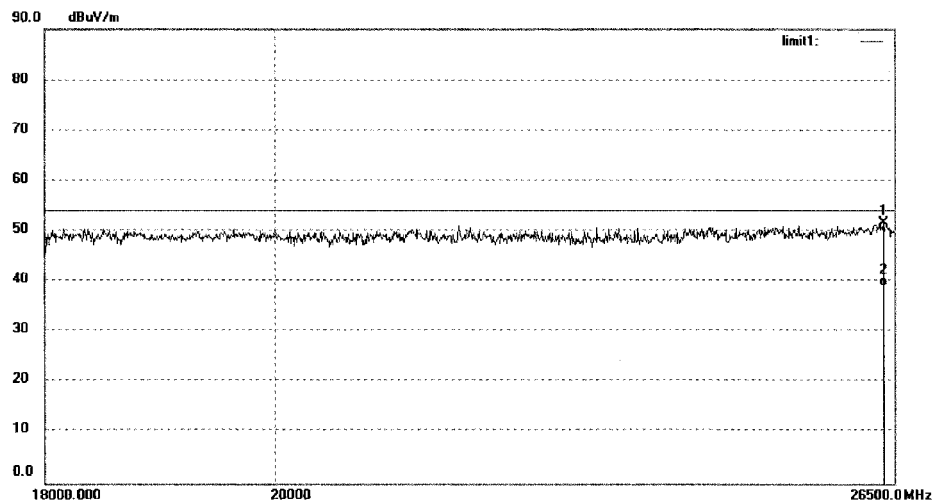
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26366.825	35.24	16.50	51.74	74.00	-22.26	peak			
2	26366.825	22.48	16.50	38.98	54.00	-15.02	AVG			


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Fax:+86-0755-26503396

Job No.: YULIAH #573

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 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

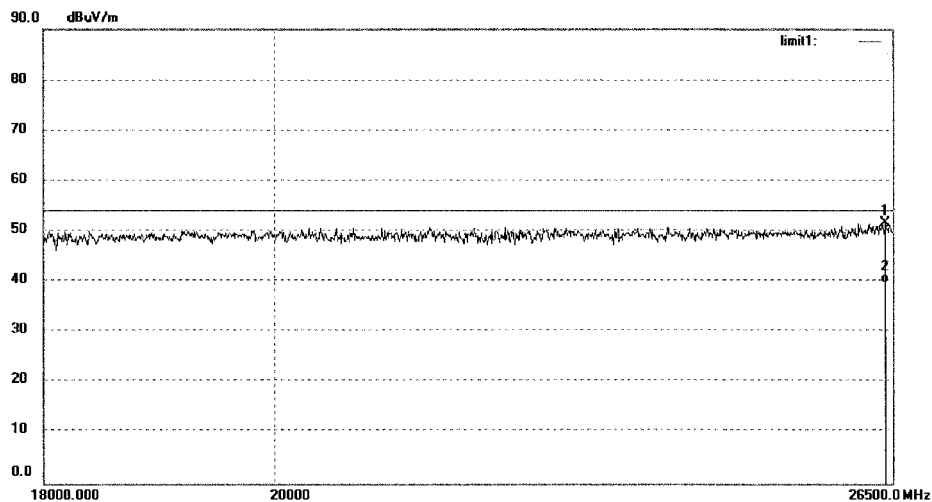
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



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	34.67	16.95	51.62	74.00	-22.38	peak			
2	26417.967	22.79	16.95	39.74	54.00	-14.26	AVG			

Test Plot of Band Edge of Bluetooth 3.0


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Job No.: YULIAH #398

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

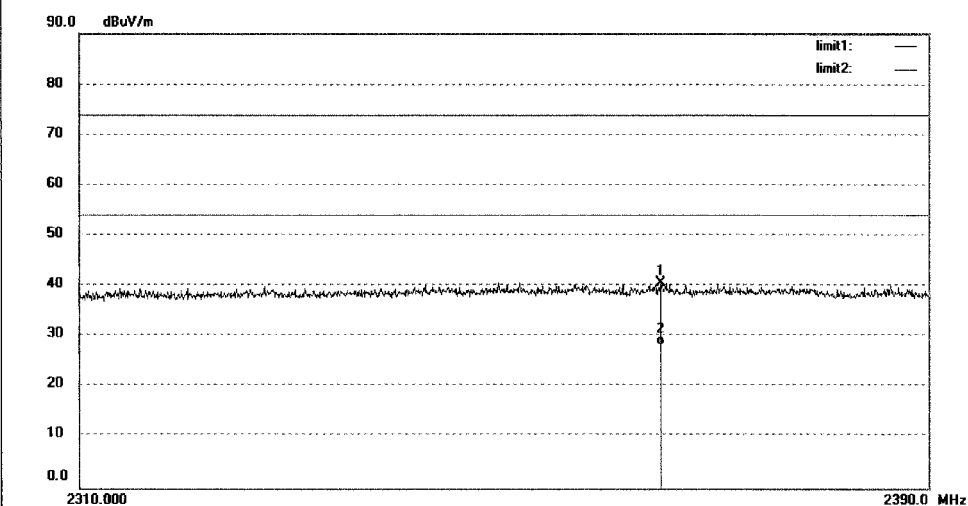
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2364.640	48.28	-7.69	40.59	74.00	-33.41	peak			
2	2364.640	35.85	-7.69	28.16	54.00	-25.84	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 #399

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

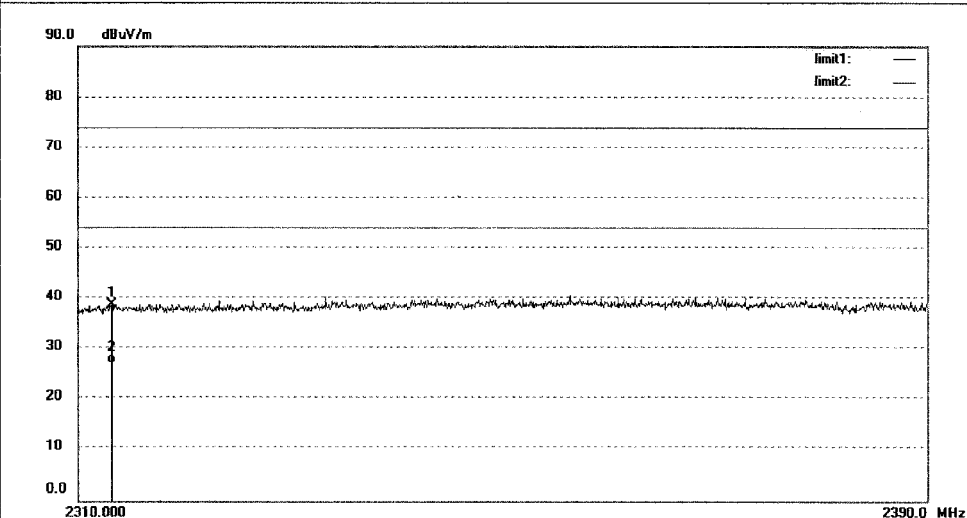
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2313.120	46.62	-7.81	38.81	74.00	-35.19	peak			
2	2313.120	34.98	-7.81	27.17	54.00	-26.83	AVG			

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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #405

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

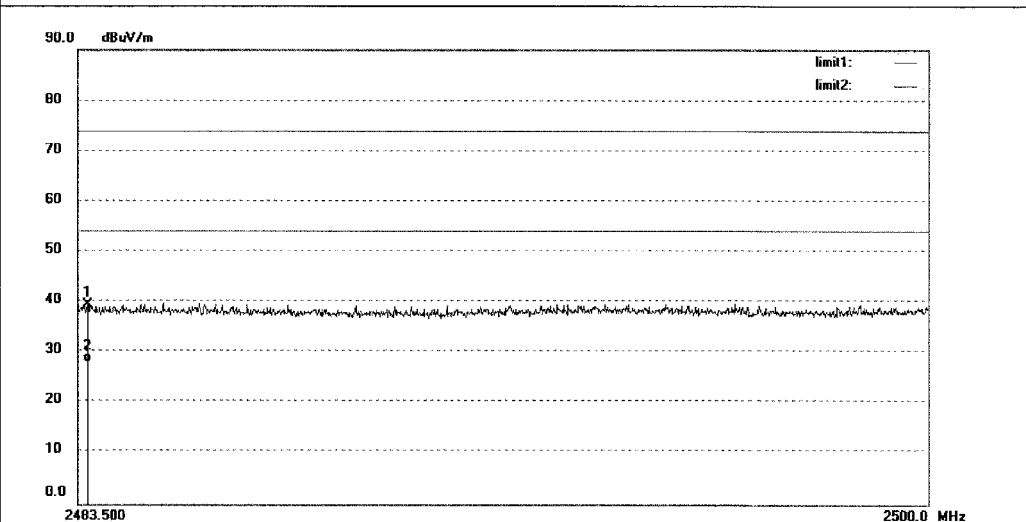
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.682	46.97	-7.37	39.60	74.00	-34.40	peak			
2	2483.682	35.46	-7.37	28.09	54.00	-25.91	AVG			

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Site: 2# Chamber

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Job No.: YULIAH #404

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2486.586	51.13	-7.38	43.75	74.00	-30.25	peak			
2	2486.586	36.05	-7.38	28.67	54.00	-25.33	AVG			

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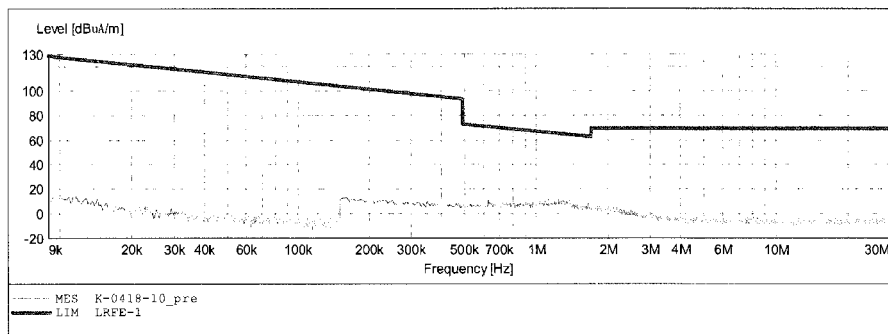
Test Plot of Spurious Emission of Bluetooth LE mode

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

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2402MHz
 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



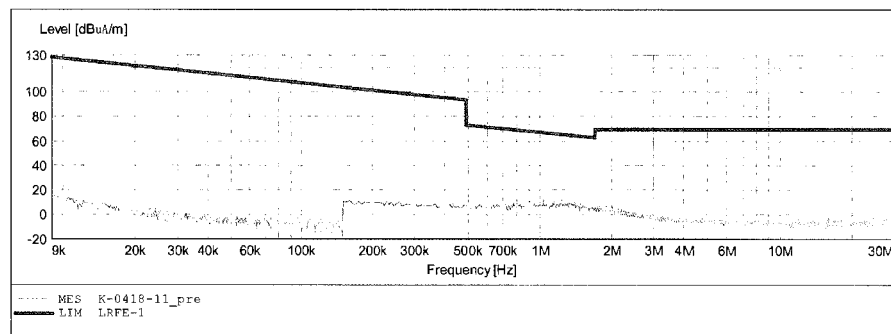
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-F16AT08
 Manufacturer:
 Operating Condition: TX 2402MHz
 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



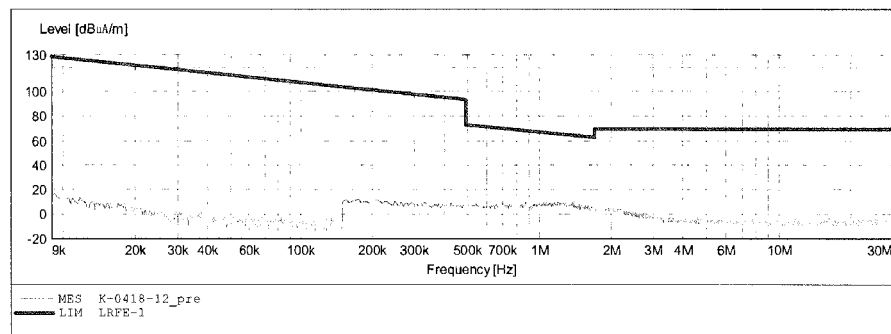
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2402MHz
 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



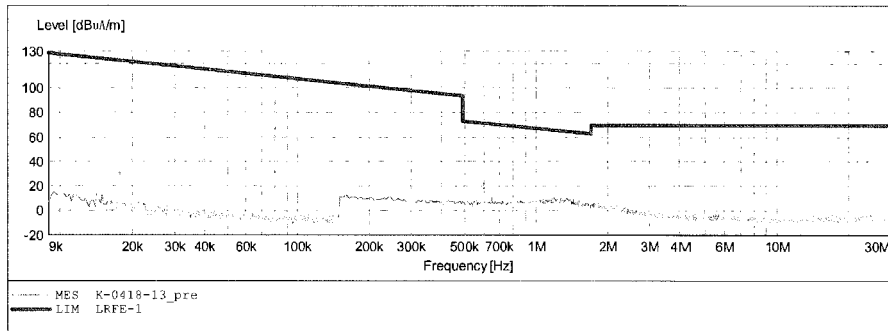
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2440MHz
 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



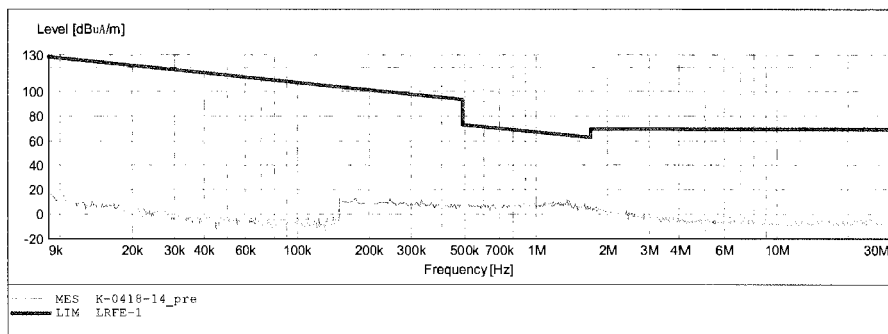
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2440MHz
 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

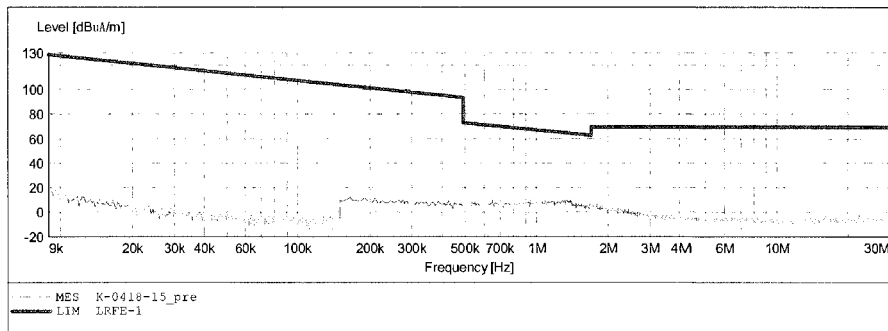


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2440MHz
 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

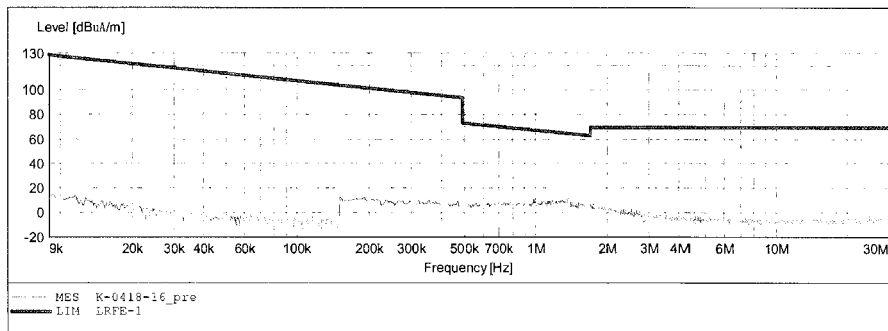


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2480MHz
 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

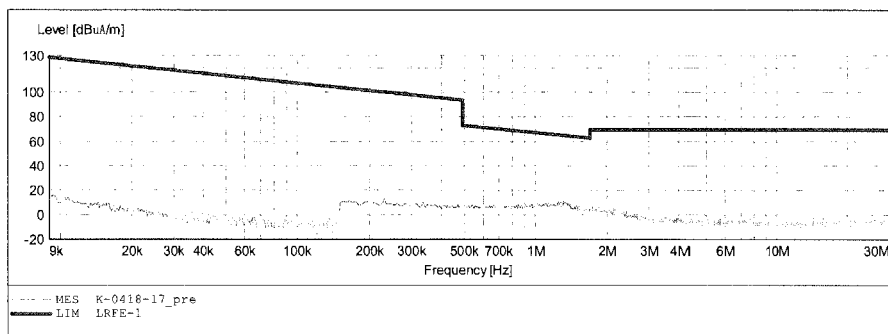


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-F16AT08
 Manufacturer:
 Operating Condition: TX 2480MHz
 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

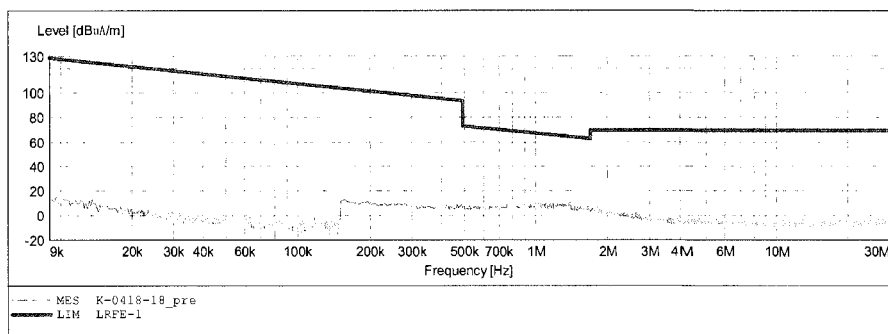


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FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

SCAN TABLE: "LFRE Fin"

Short Description:			SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M




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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #349

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 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

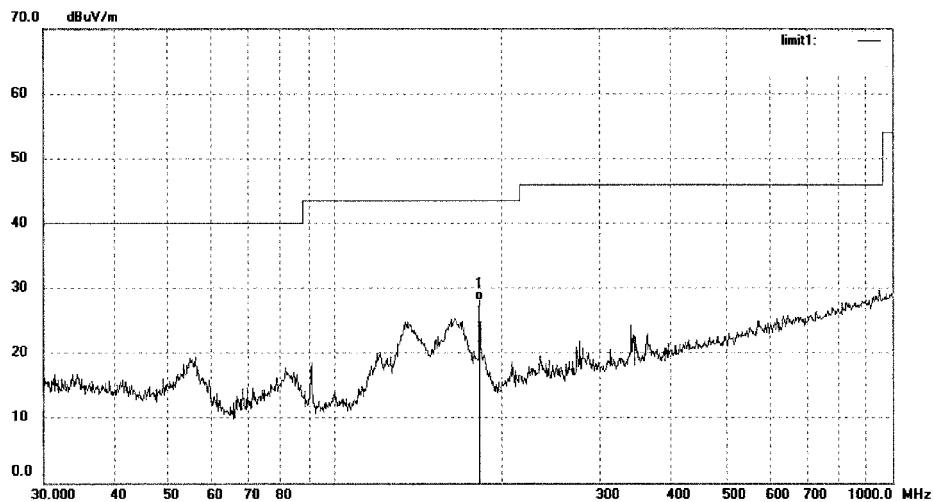
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.9202	41.29	-13.18	28.11	43.50	-15.39	QP			


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Fax:+86-0755-26503396

Job No.: YULIAH #348

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 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

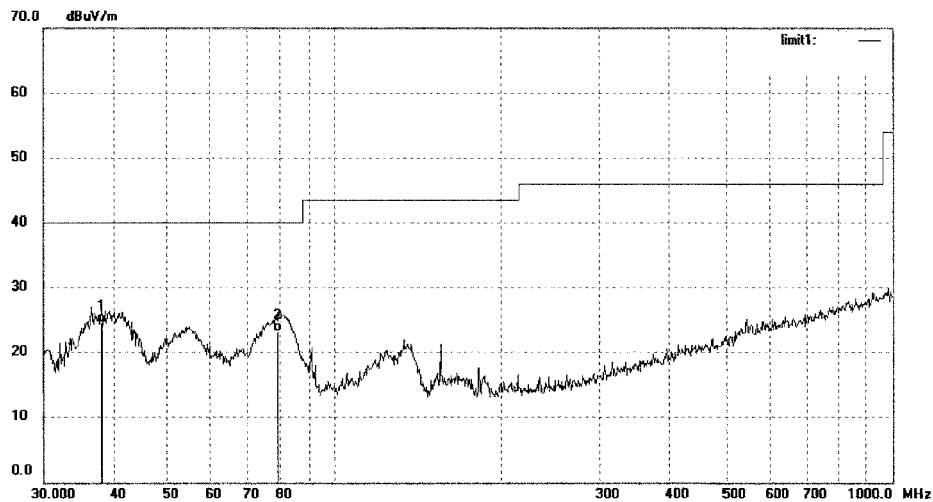
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



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	35.71	-11.14	24.57	40.00	-15.43	QP			
2	79.2426	39.68	-16.56	23.12	40.00	-16.88	QP			


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Fax:+86-0755-26503396

Job No.: YULIAH #350

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 2440MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

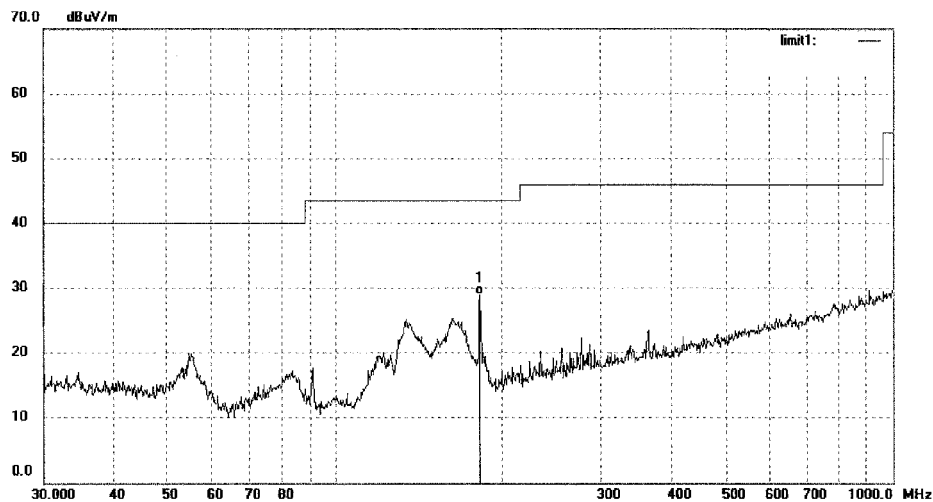
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.9202	42.22	-13.18	29.04	43.50	-14.46	QP			


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Fax:+86-0755-26503396

Job No.: YULIAH #351

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 2440MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

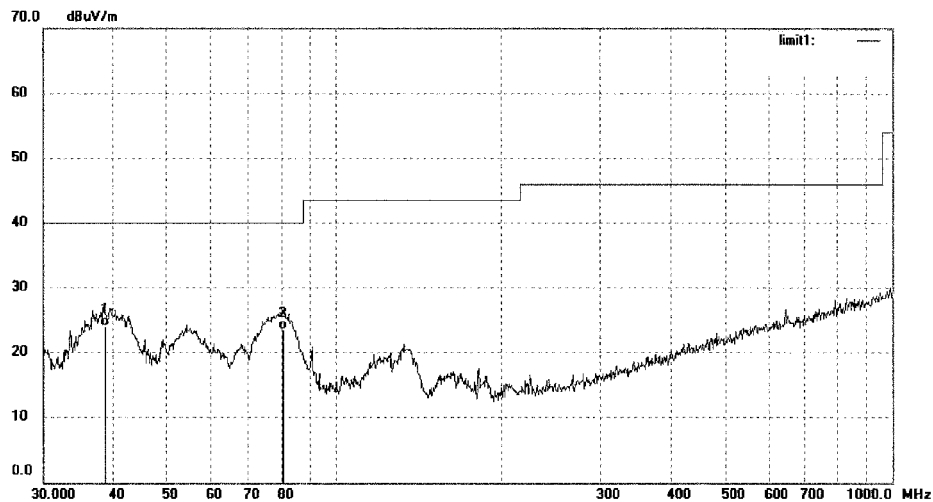
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



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	35.40	-11.26	24.14	40.00	-15.86	QP			
2	80.6441	39.94	-16.36	23.58	40.00	-16.42	QP			

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Test Report No.
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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #353

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 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

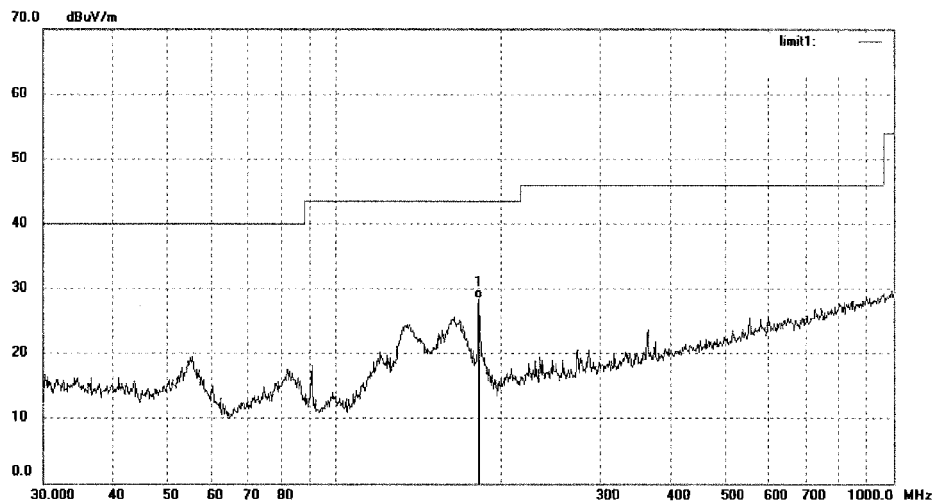
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.9202	41.69	-13.18	28.51	43.50	-14.99	QP			


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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #352

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 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

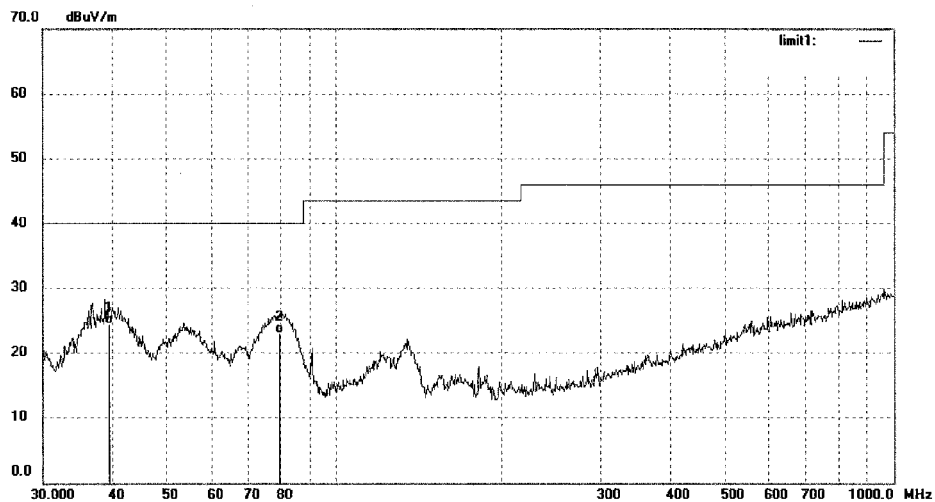
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.4371	35.84	-11.42	24.42	40.00	-15.58	QP			
2	79.5209	39.57	-16.54	23.03	40.00	-16.97	QP			


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Job No.: YULIAH #406

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 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

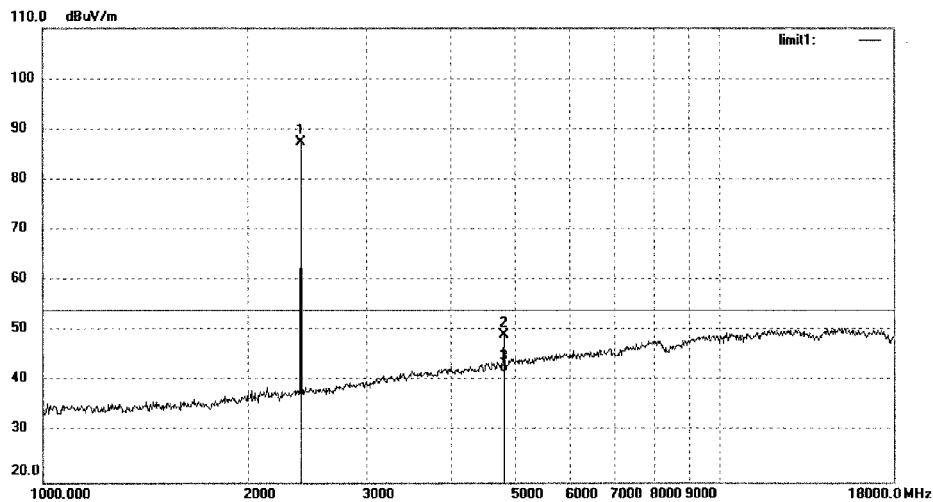
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	94.73	-7.45	87.28	/	/	peak			
2	4804.032	49.43	-0.30	49.13	74.00	-24.87	peak			
3	4804.032	42.11	-0.30	41.81	54.00	-12.19	AVG			


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Job No.: YULIAH #407

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 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

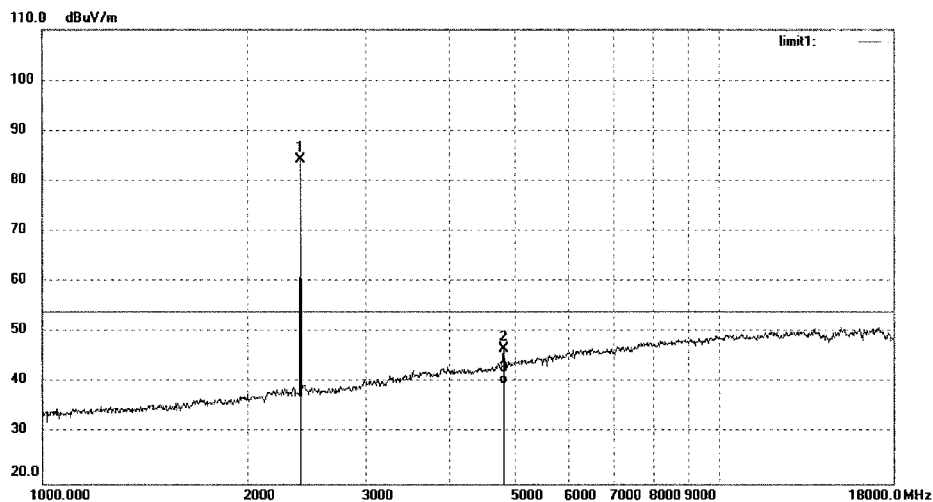
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	91.77	-7.45	84.32	/	/	peak			
2	4804.026	46.99	-0.30	46.69	74.00	-27.31	peak			
3	4804.026	40.00	-0.30	39.70	54.00	-14.30	AVG			


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Job No.: YULIAH #410

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 2440MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

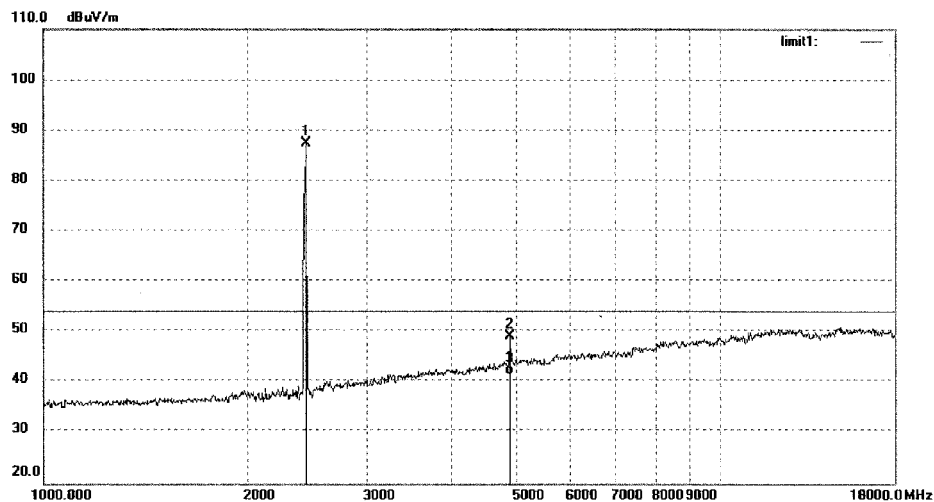
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	94.75	-7.36	87.39	/	/	peak			
2	4880.037	48.91	0.13	49.04	74.00	-24.96	peak			
3	4880.037	41.43	0.13	41.56	54.00	-12.44	AVG			


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Job No.: YULIAH #411

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 2440MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

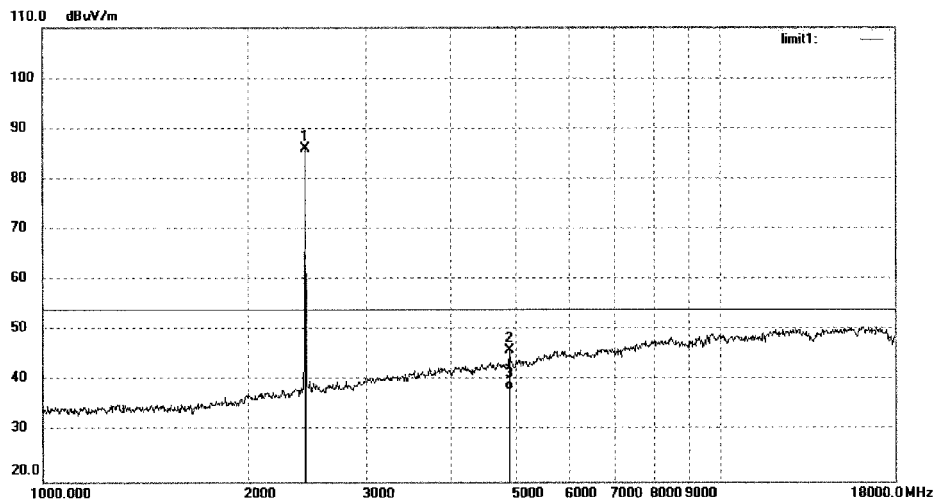
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	93.39	-7.36	86.03	/	/	peak			
2	4880.022	45.85	0.13	45.98	74.00	-28.02	peak			
3	4880.022	37.89	0.13	38.02	54.00	-15.98	AVG			


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Job No.: YULIAH #413

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 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

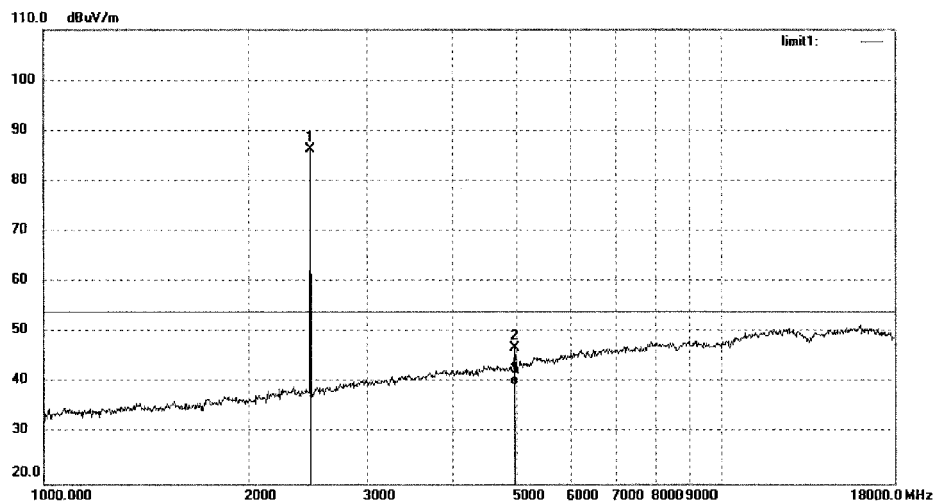
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	93.61	-7.37	86.24	/	/	peak			
2	4960.028	46.39	0.52	46.91	74.00	-27.09	peak			
3	4960.028	38.84	0.52	39.36	54.00	-14.64	AVG			


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Job No.: YULIAH #412

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 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

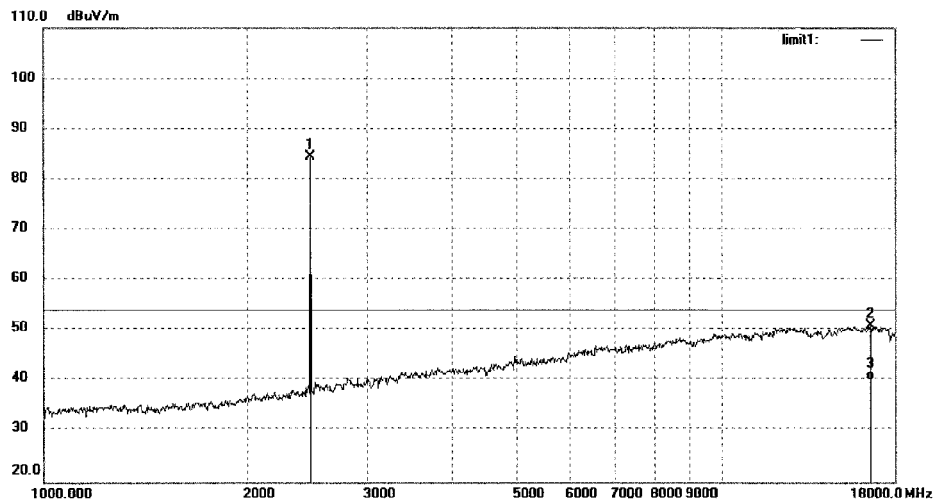
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2478.310	91.92	-7.37	84.55	/	/	peak			
2	16552.729	10.48	40.45	50.93	74.00	-23.07	peak			
3	16552.729	-0.25	40.45	40.20	54.00	-13.80	AVG			


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Job No.: YULIAH #575

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 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

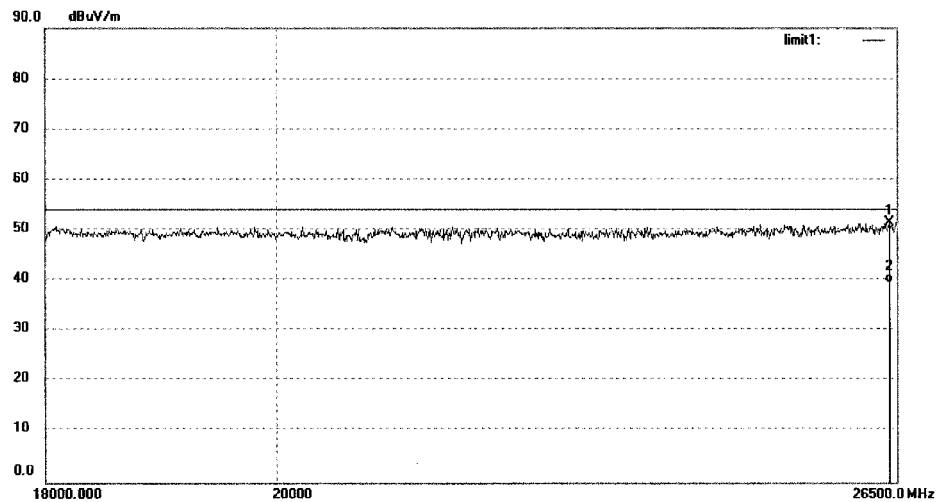
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



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	34.92	16.50	51.42	74.00	-22.58	peak			
2	26417.967	22.93	16.50	39.43	54.00	-14.57	AVG			


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Job No.: YULIAH #576

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 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

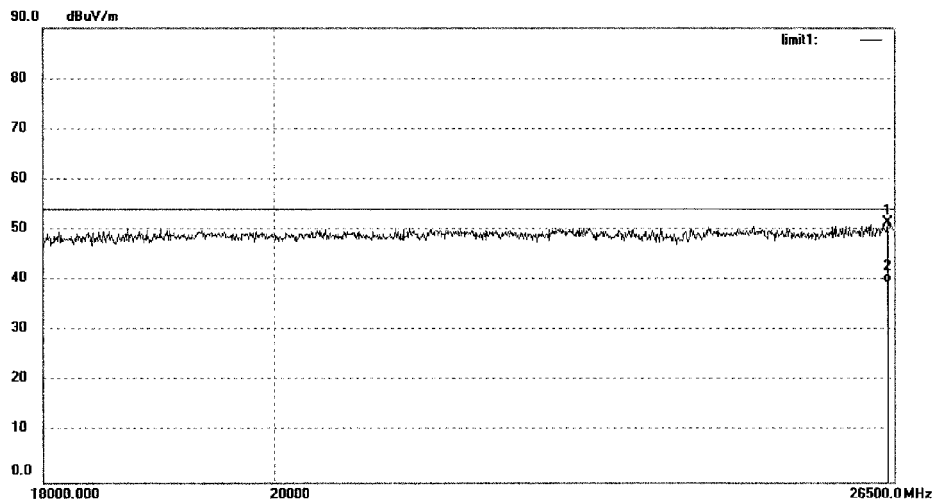
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



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	34.48	16.95	51.43	74.00	-22.57	peak			
2	26428.207	22.65	16.95	39.60	54.00	-14.40	AVG			


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Fax:+86-0755-26503396

Job No.: YULIAH #578

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

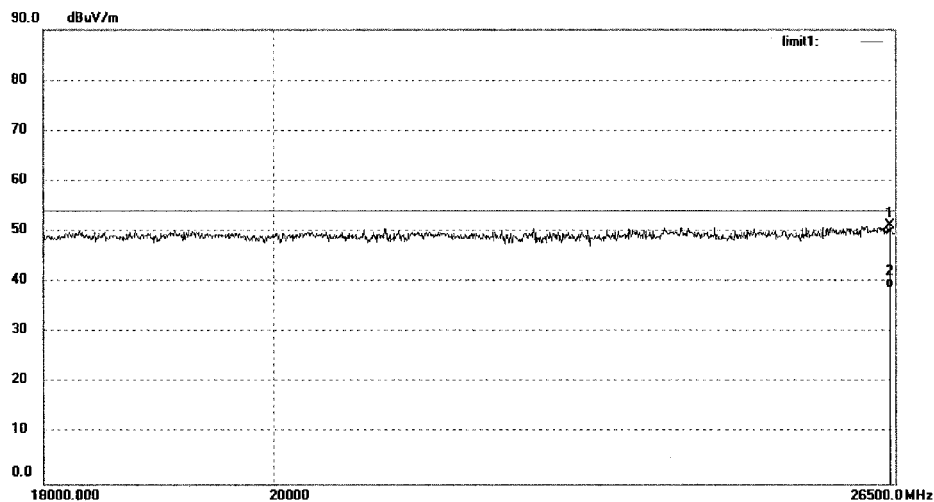
Mode: TX 2440MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: Bluetooth 4.0



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	34.64	16.50	51.14	74.00	-22.86	peak			
2	26438.451	22.32	16.50	38.82	54.00	-15.18	AVG			


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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #577

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 2440MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

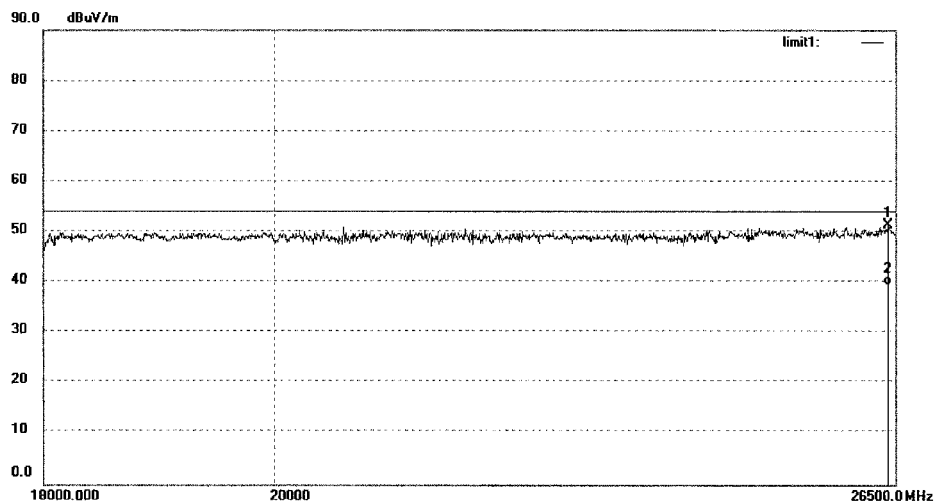
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



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	34.40	16.95	51.35	74.00	-22.65	peak			
2	26417.967	22.63	16.95	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 #579

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

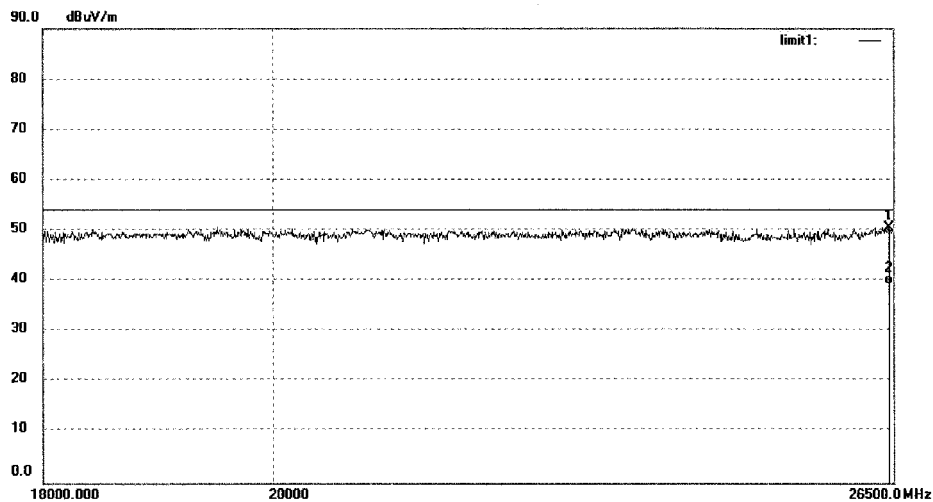
Mode: TX 2480MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: Bluetooth 4.0



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	34.04	16.50	50.54	74.00	-23.46	peak			
2	26448.699	22.74	16.50	39.24	54.00	-14.76	AVG			


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Job No.: YULIAH #580

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

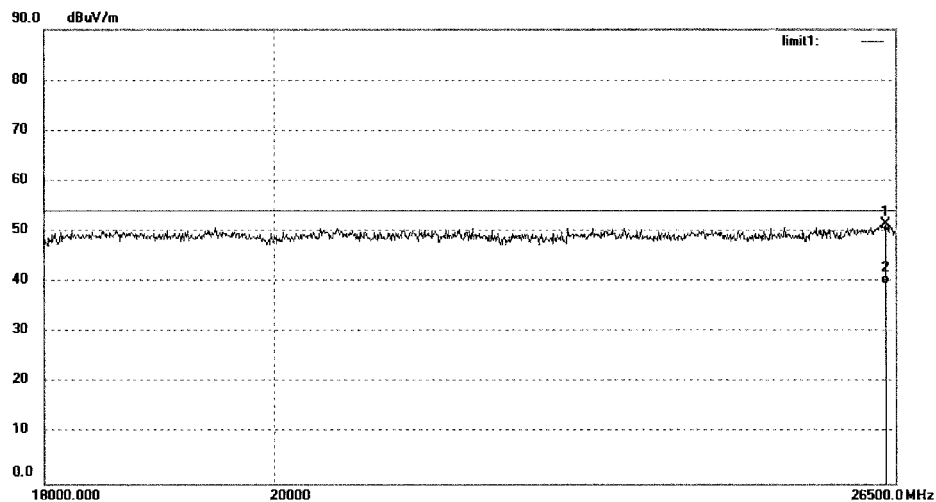
Mode: TX 2480MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: Bluetooth 4.0



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	34.46	16.97	51.43	74.00	-22.57	peak			
2	26387.270	22.58	16.97	39.55	54.00	-14.45	AVG			

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Test Plot of Band Edge of Bluetooth LE mode


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Fax:+86-0755-26503396

Job No.: YULIAH #409

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

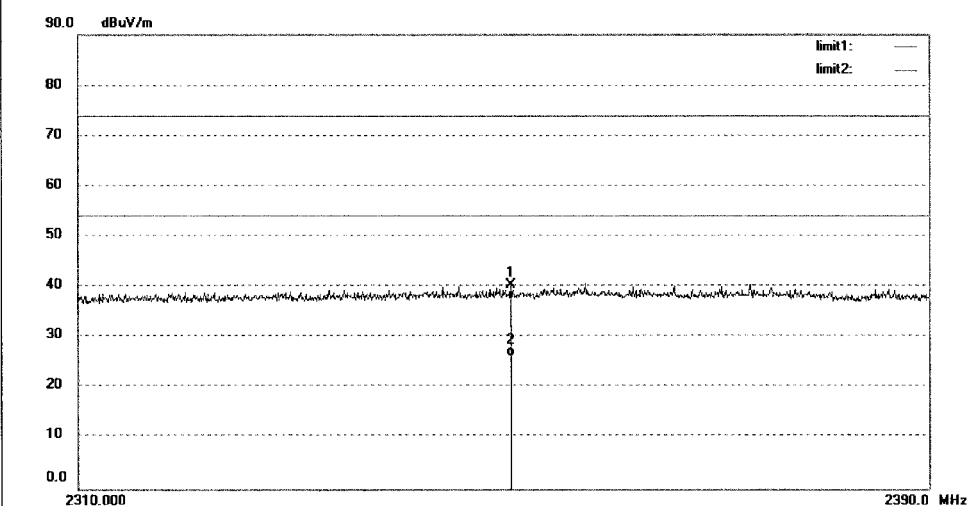
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2350.480	48.23	-7.79	40.44	74.00	-33.56	peak			
2	2350.480	33.98	-7.79	26.19	54.00	-27.81	AVG			

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Job No.: YULIAH #408

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

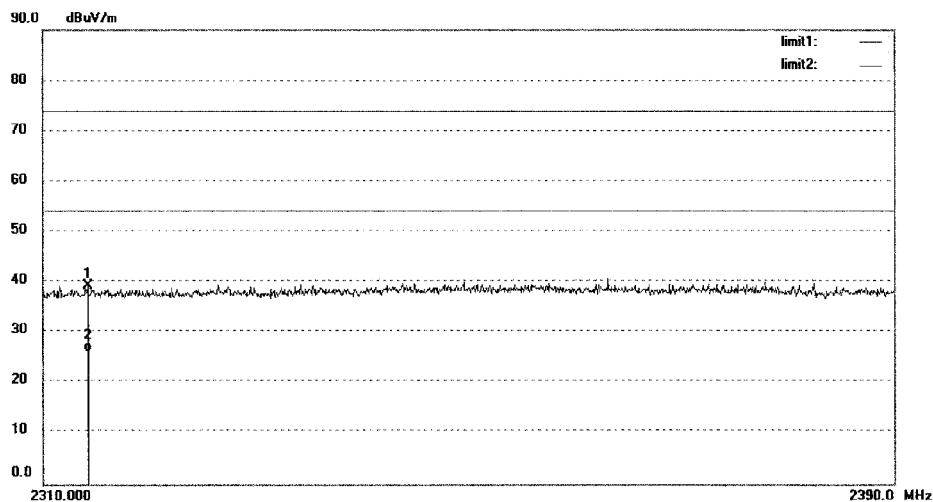
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2314.160	46.99	-7.81	39.18	74.00	-34.82	peak			
2	2314.160	34.02	-7.81	26.21	54.00	-27.79	AVG			

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Job No.: YULIAH #414

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

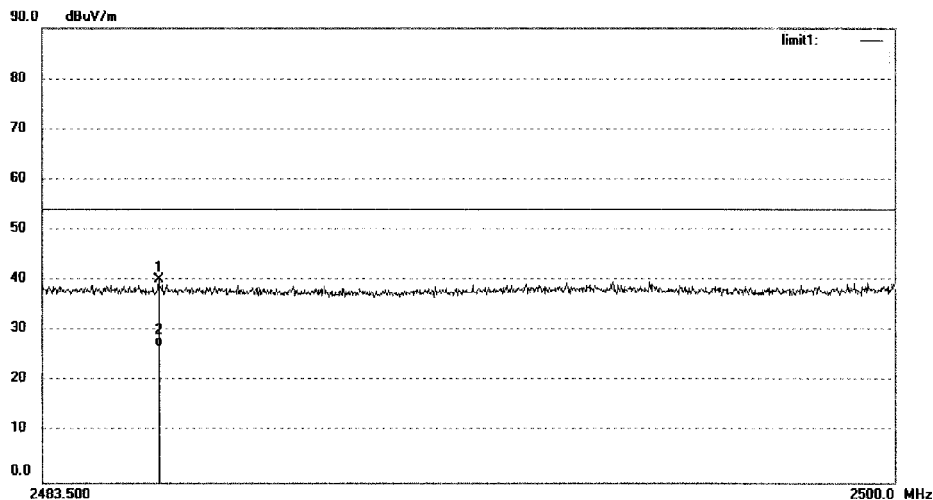
Mode: TX 2480MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2485.744	47.45	-7.38	40.07	74.00	-33.93	peak			
2	2485.744	34.25	-7.38	26.87	54.00	-27.13	AVG			


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Job No.: YULIAH #415

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2480MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

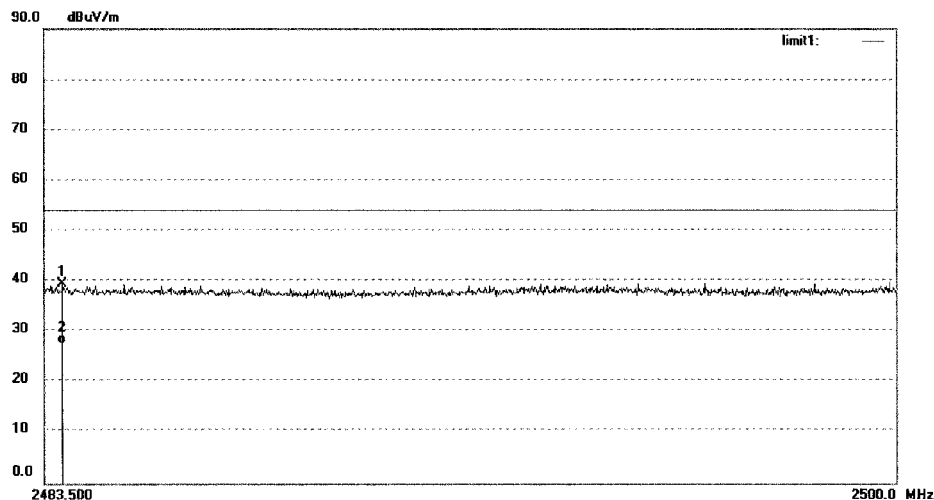
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.847	46.98	-7.38	39.60	74.00	-34.40	peak			
2	2483.847	34.89	-7.38	27.51	54.00	-26.49	AVG			

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Test Plot of Spurious Emission of above 1GHz for IC of Bluetooth 3.0


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Job No.: YULIAH #484

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 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

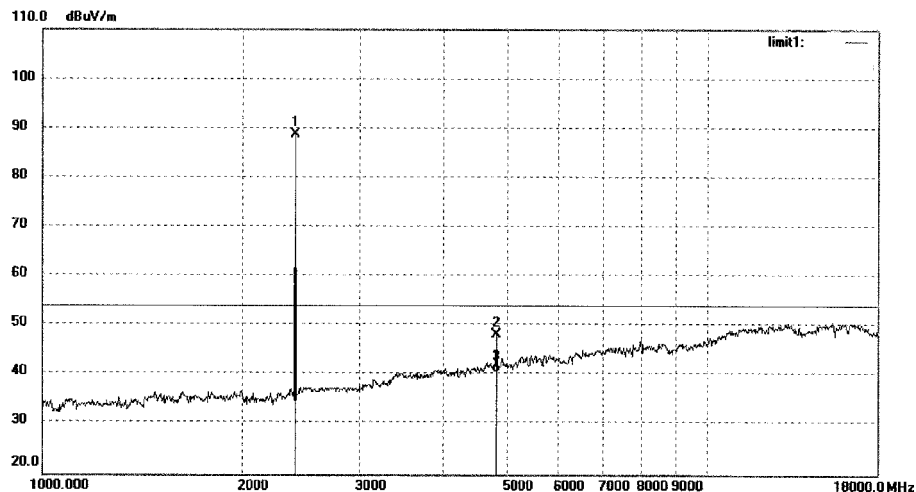
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	96.29	-7.45	88.84	/	/	peak			
2	4804.030	48.50	-0.30	48.20	74.00	-25.80	peak			
3	4804.030	40.85	-0.30	40.55	54.00	-13.45	AVG			

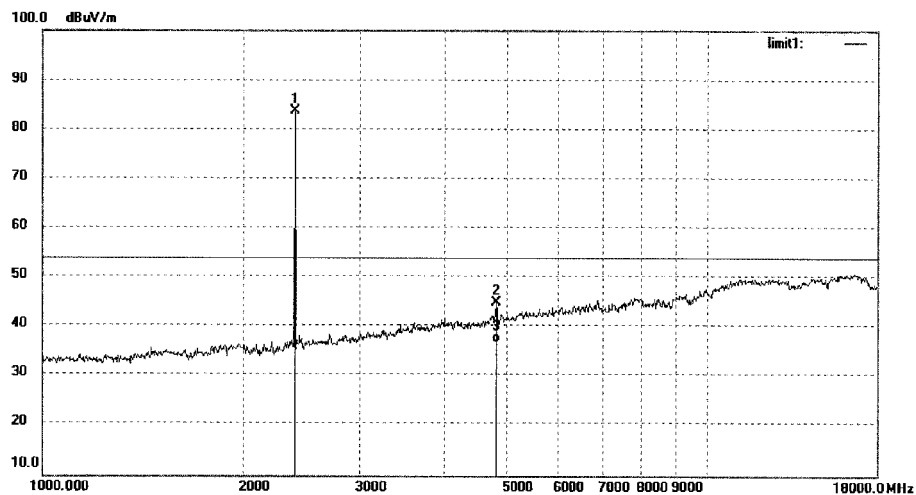
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 Site: 2# Chamber
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Job No.: YULIAH #483	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: Bluetooth



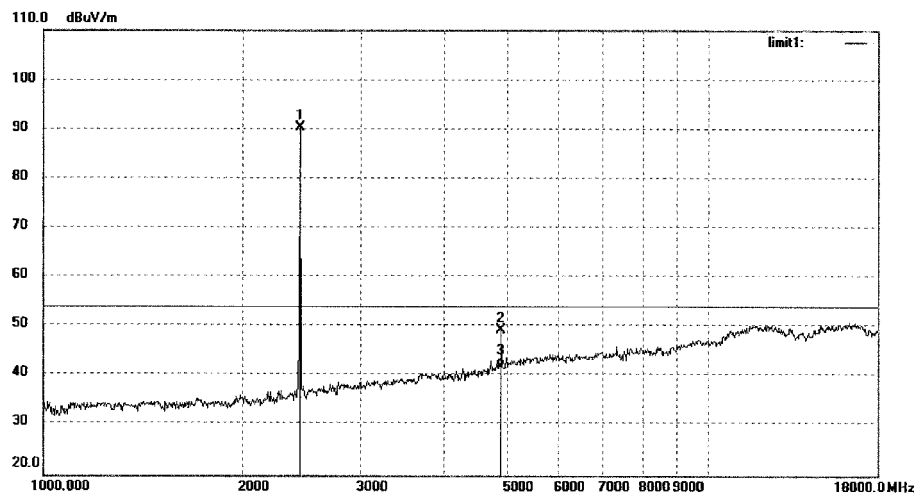
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	91.25	-7.45	83.80	/	/	peak			
2	4804.025	45.35	-0.30	45.05	74.00	-28.95	peak			
3	4804.025	37.24	-0.30	36.94	54.00	-17.06	AVG			


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Job No.: YULIAH #488	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 2441MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	97.60	-7.35	90.25	/	/	peak			
2	4882.027	49.29	0.14	49.43	74.00	-24.57	peak			
3	4882.027	41.74	0.14	41.88	54.00	-12.12	AVG			


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Job No.: YULIAH #487

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 2441MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

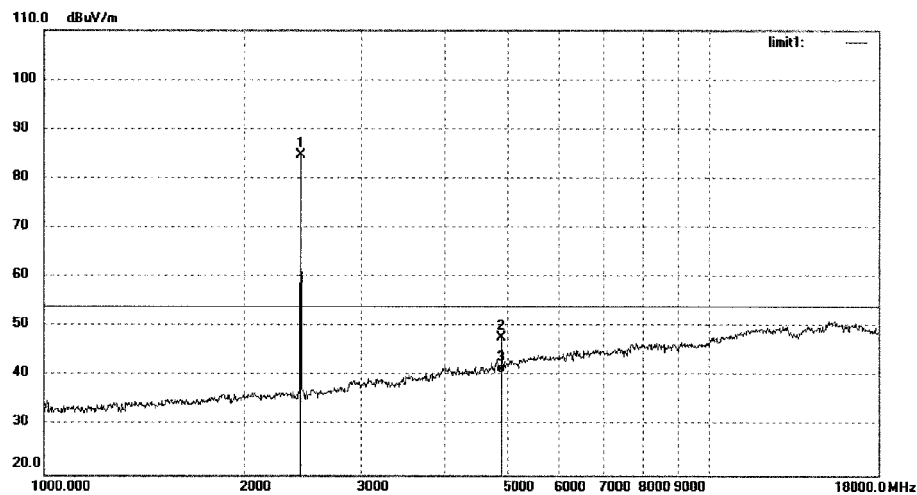
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



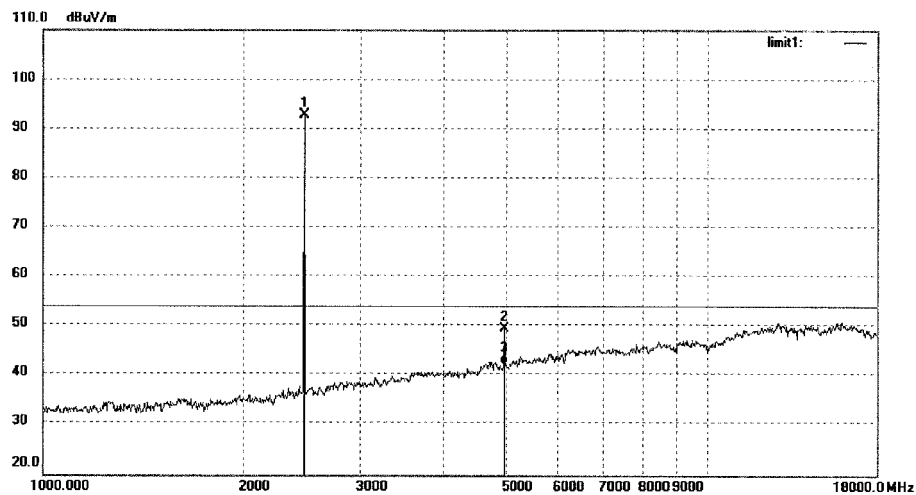
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	92.01	-7.35	84.66	/	/	peak			
2	4882.036	47.73	0.14	47.87	74.00	-26.13	peak			
3	4882.036	40.36	0.14	40.50	54.00	-13.50	AVG			

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Job No.: YULIAH #489	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 2480MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	100.20	-7.37	92.83	/	/	peak			
2	4960.039	49.12	0.52	49.64	74.00	-24.36	peak			
3	4960.039	41.81	0.52	42.33	54.00	-11.67	AVG			

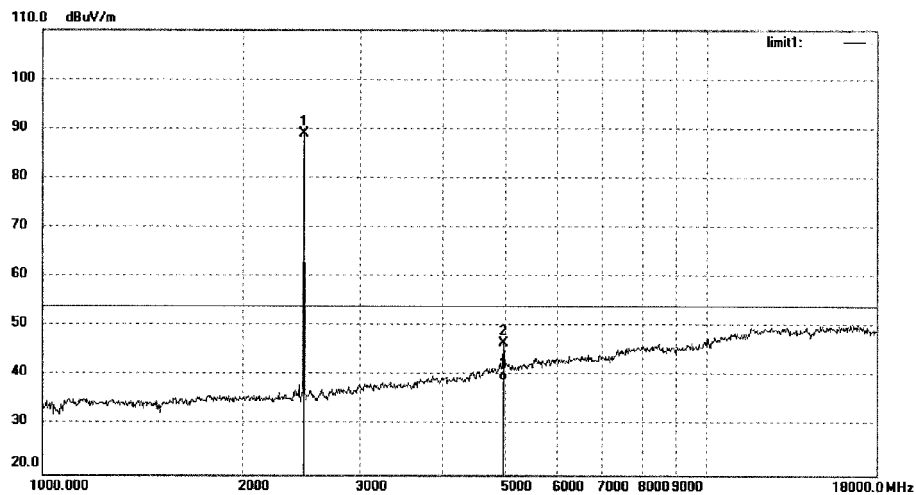
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 Site: 2# Chamber
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Job No.: YULIAH #490	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth	



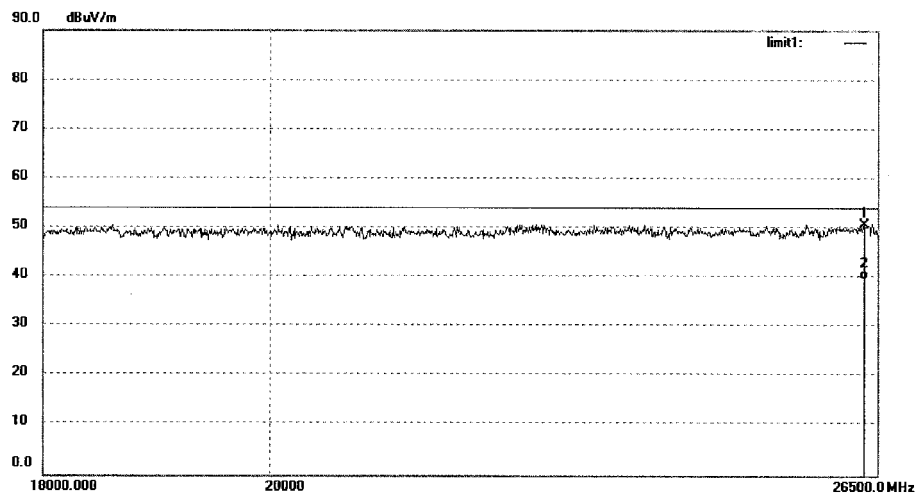
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	96.39	-7.37	89.02	/	/	peak			
2	4960.028	46.13	0.52	46.65	74.00	-27.35	peak			
3	4960.028	38.47	0.52	38.99	54.00	-15.01	AVG			

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 Site: 2# Chamber
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Job No.: YULIAH #587	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 2402MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth	



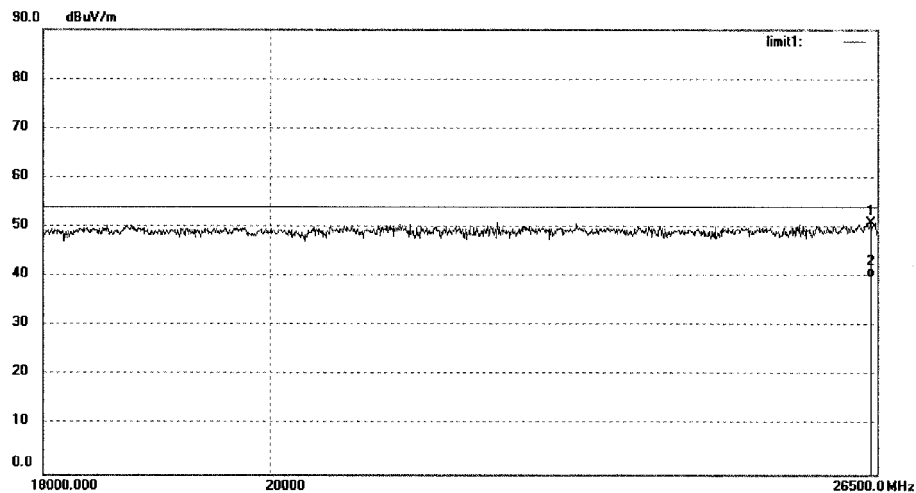
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26346.396	34.13	16.50	50.63	74.00	-23.37	peak			
2	26346.396	23.11	16.50	39.61	54.00	-14.39	AVG			

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 Site: 2# Chamber
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Job No.: YULIAH #588	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 2402MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth	



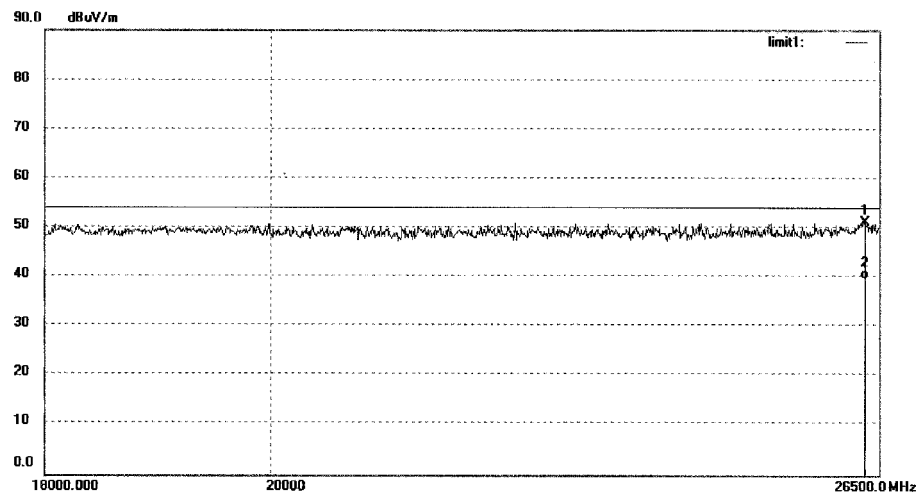
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	33.97	16.95	50.92	74.00	-23.08	peak			
2	26428.207	23.05	16.95	40.00	54.00	-14.00	AVG			

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 Site: 2# Chamber
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Job No.: YULIAH #590	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 2441MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth	



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	34.68	16.50	51.18	74.00	-22.82	peak			
2	26325.983	23.18	16.50	39.68	54.00	-14.32	AVG			

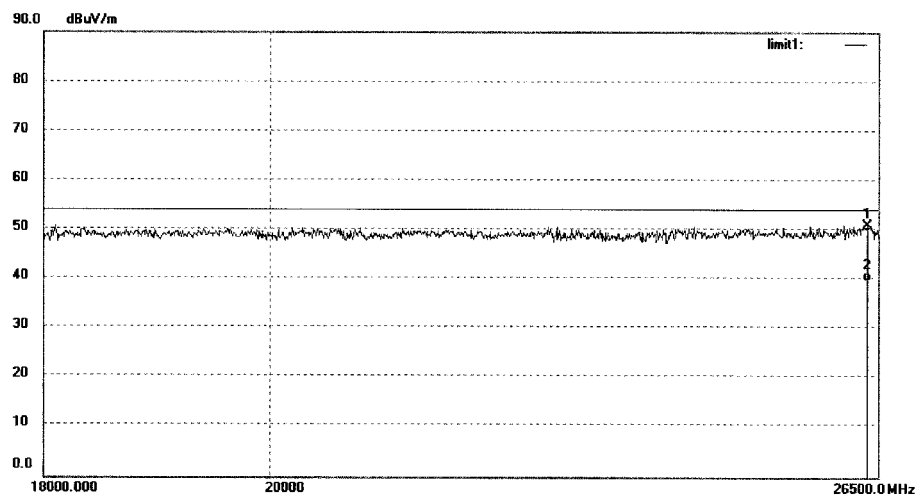
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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: YULIAH #589	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 2441MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: Bluetooth



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	34.08	16.98	51.06	74.00	-22.94	peak			
2	26377.046	22.76	16.98	39.74	54.00	-14.26	AVG			

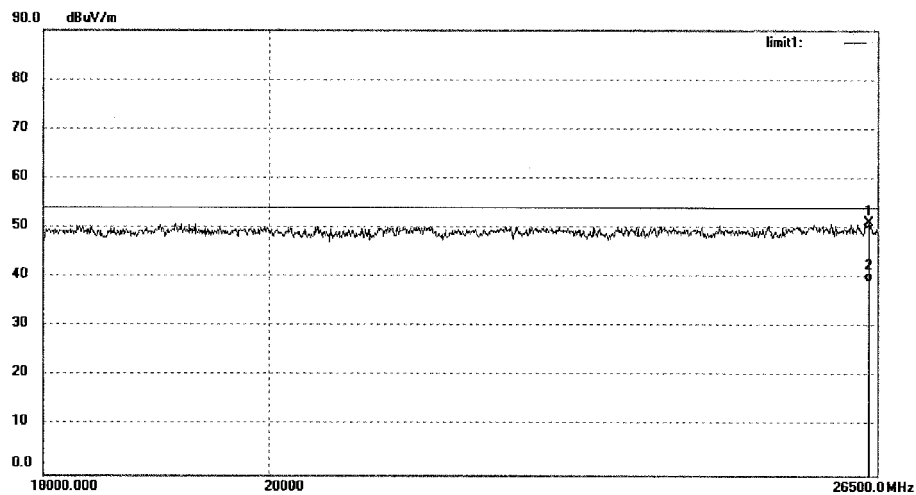
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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: YULIAH #591	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 2480MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: Bluetooth



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	34.61	16.50	51.11	74.00	-22.89	peak			
2	26397.499	22.85	16.50	39.35	54.00	-14.65	AVG			

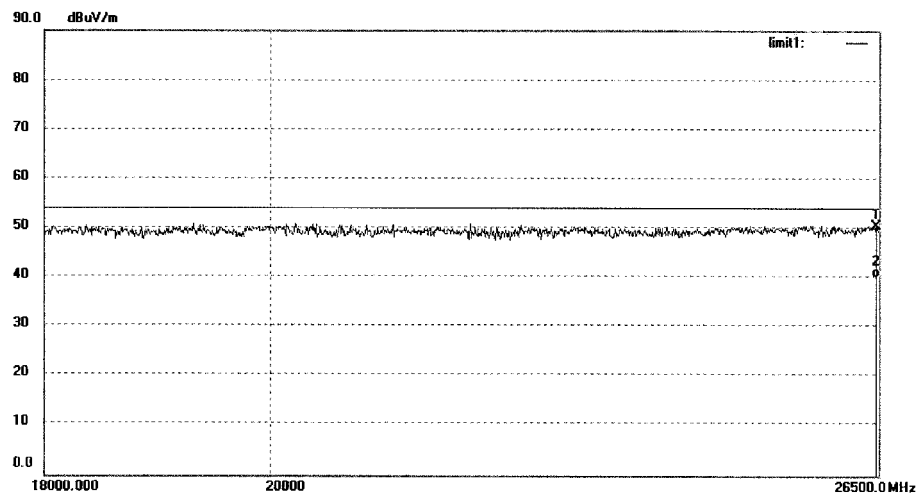
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 Site: 2# Chamber
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Job No.: YULIAH #592	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: Bluetooth



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	33.53	16.92	50.45	74.00	-23.55	peak			
2	26469.208	23.19	16.92	40.11	54.00	-13.89	AVG			

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Test Plot of Band Edge for IC of Bluetooth 3.0


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Site: 2# Chamber

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Job No.: YULIAH #485

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

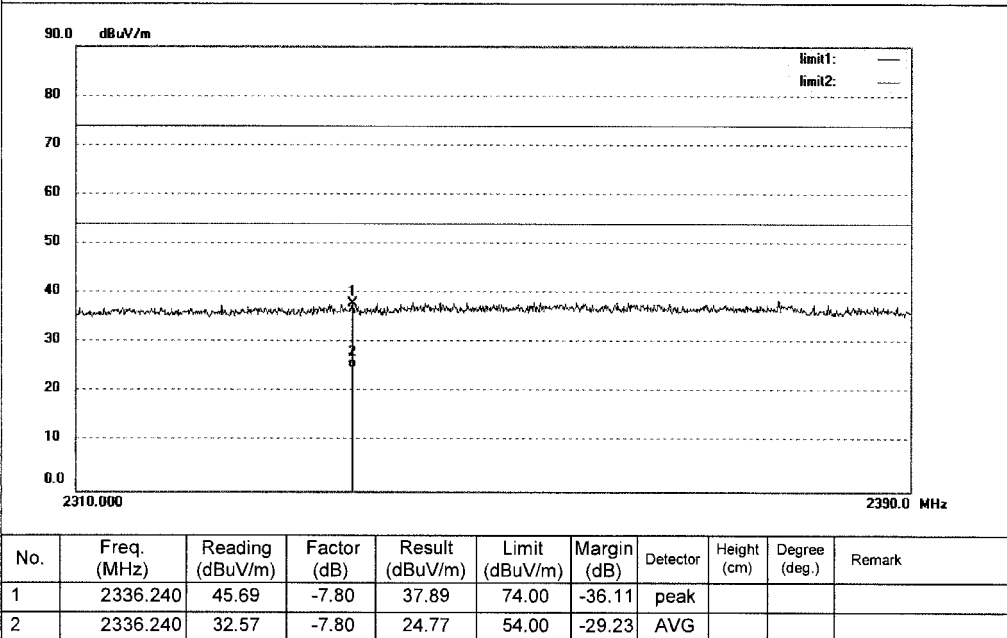
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #486

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

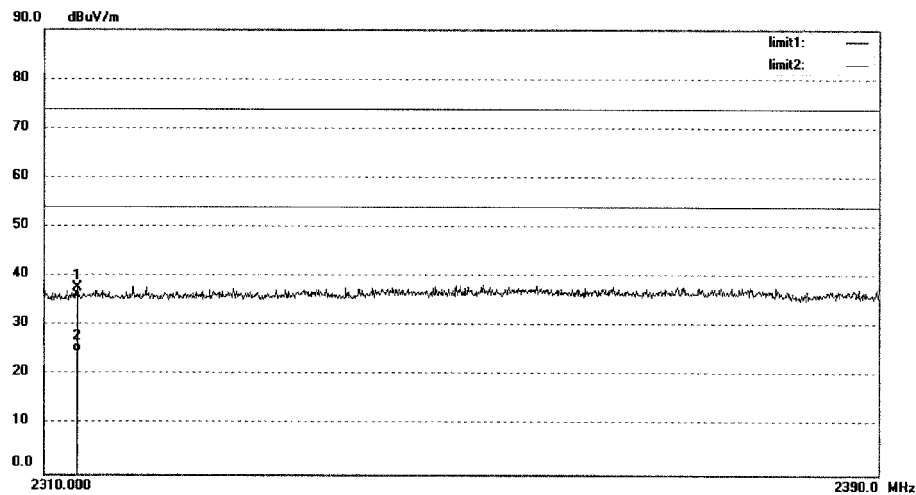
Mode: TX 2402MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2313.120	45.59	-7.81	37.78	74.00	-36.22	peak			
2	2313.120	32.55	-7.81	24.74	54.00	-29.26	AVG			

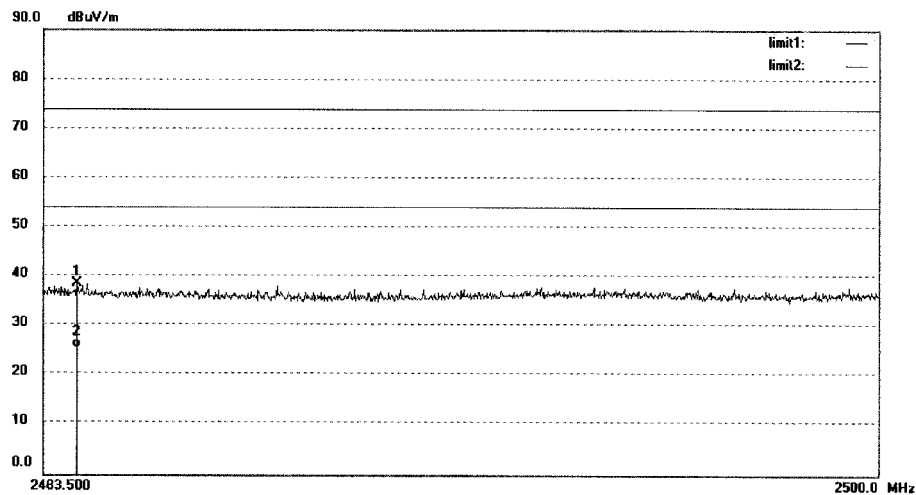
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 Site: 2# Chamber
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Job No.: YULIAH #492	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: Bluetooth



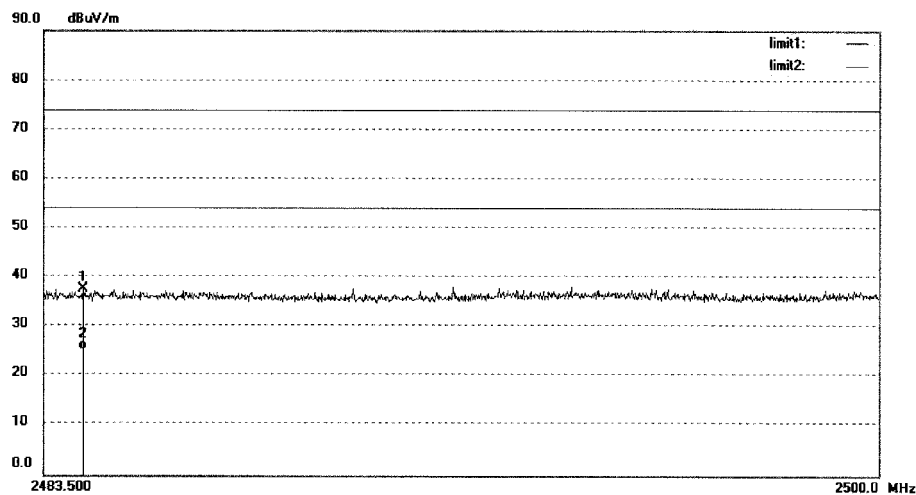
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2484.144	45.99	-7.38	38.61	74.00	-35.39	peak			
2	2484.144	32.91	-7.38	25.53	54.00	-28.47	AVG			

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Job No.: YULIAH #491	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 2480MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2484.259	45.16	-7.38	37.78	74.00	-36.22	peak			
2	2484.259	32.67	-7.38	25.29	54.00	-28.71	AVG			

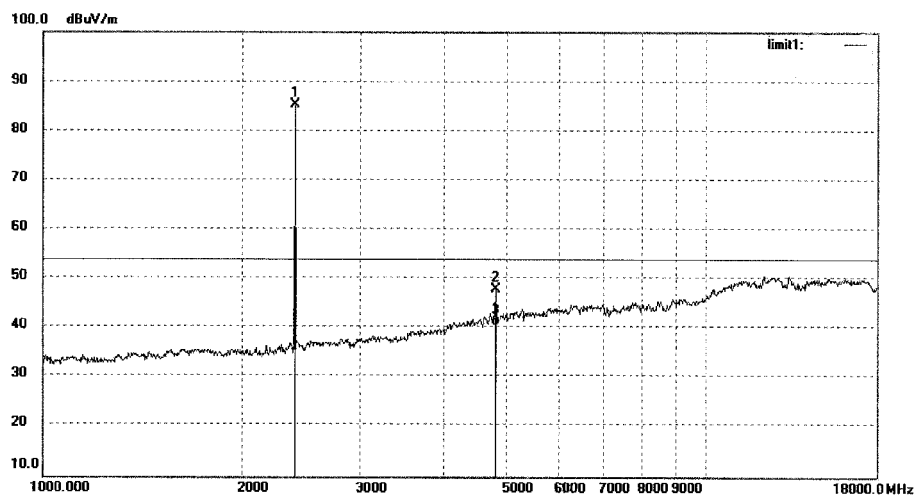
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Test Plot of Spurious Emission of above 1GHz for IC of Bluetooth LE mode


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Job No.: YULIAH #493	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 2402MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth 4.0	

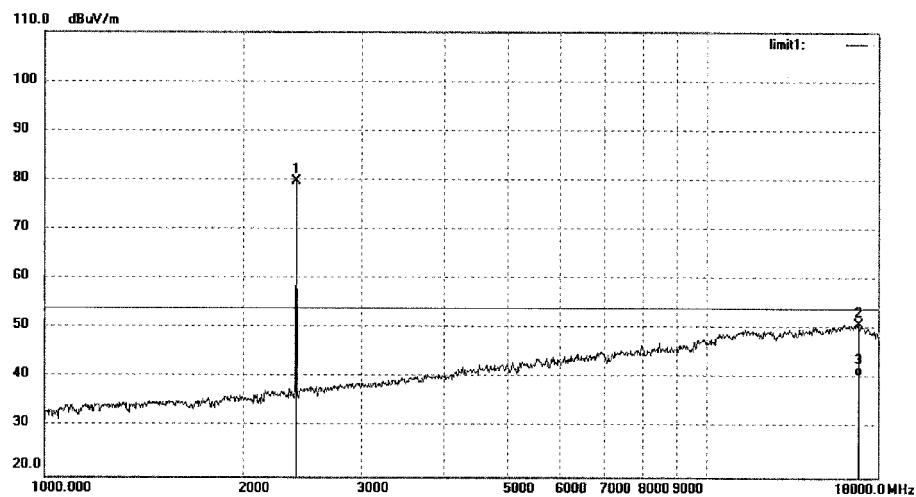


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	92.74	-7.45	85.29	/	/	peak			
2	4804.029	48.16	-0.30	47.86	74.00	-26.14	peak			
3	4804.029	40.86	-0.30	40.56	54.00	-13.44	AVG			


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Job No.: YULIAH #494	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 2402MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth 4.0	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	87.16	-7.45	79.71	/	/	peak			
2	16793.683	9.72	41.12	50.84	74.00	-23.16	peak			
3	16793.683	-0.54	41.12	40.58	54.00	-13.42	AVG			


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Job No.: YULIAH #497

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 2440MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

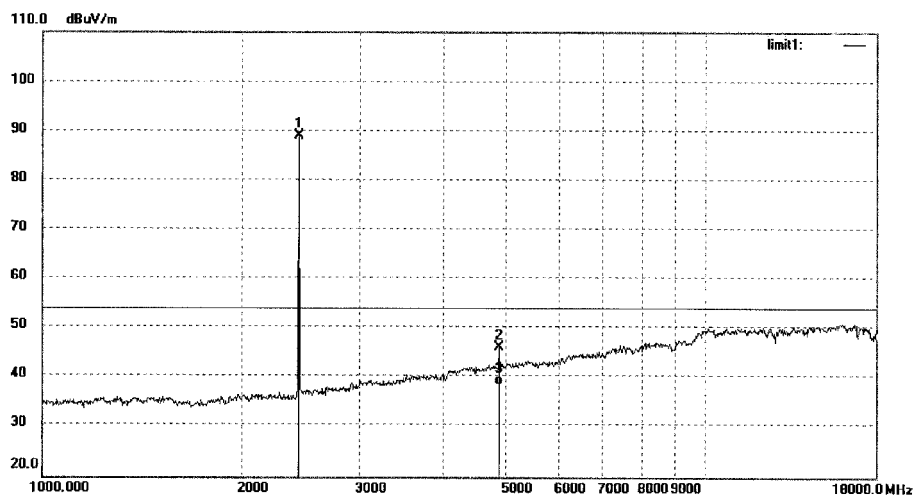
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0

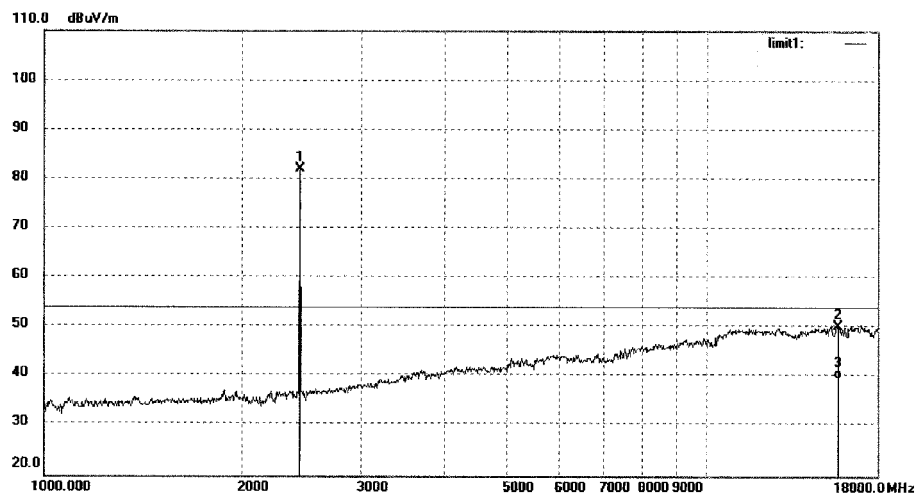


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	96.24	-7.36	88.88	/	/	peak			
2	4874.042	46.21	0.09	46.30	74.00	-27.70	peak			
3	4874.042	38.48	0.09	38.57	54.00	-15.43	AVG			


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Job No.: YULIAH #498	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 2440MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth 4.0	

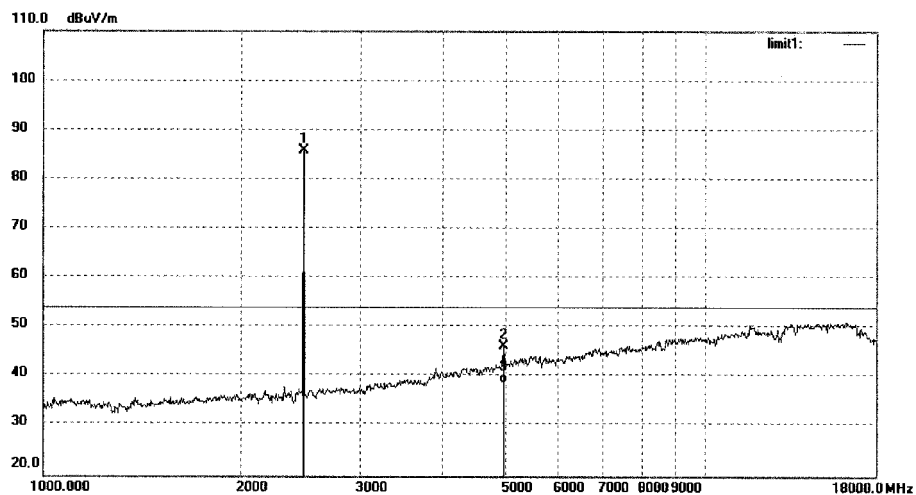


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	89.29	-7.36	81.93	/	/	peak			
2	15668.211	10.29	40.07	50.36	74.00	-23.64	peak			
3	15668.211	-0.45	40.07	39.62	54.00	-14.38	AVG			


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Job No.: YULIAH #500	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 2480MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth 4.0	

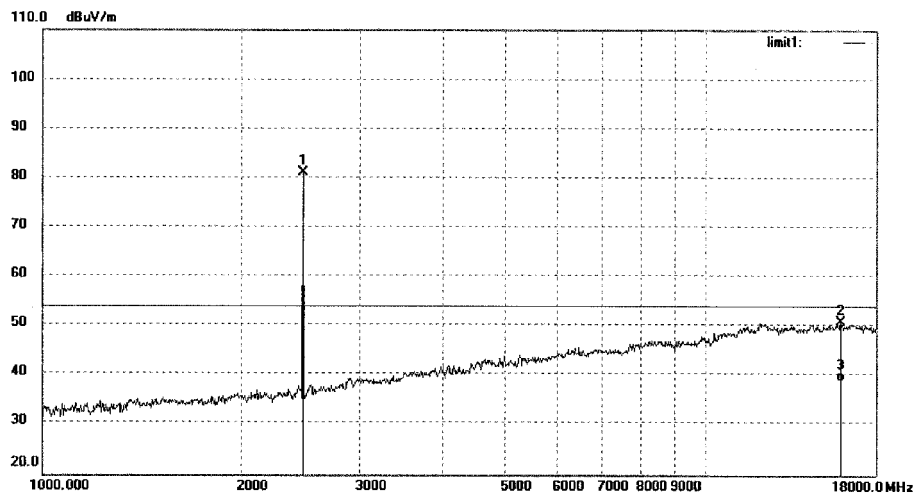


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	93.29	-7.37	85.92	/	/	peak			
2	4960.033	45.63	0.52	46.15	74.00	-27.85	peak			
3	4960.033	38.26	0.52	38.78	54.00	-15.22	AVG			


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Job No.: YULIAH #499	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 2480MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth 4.0	



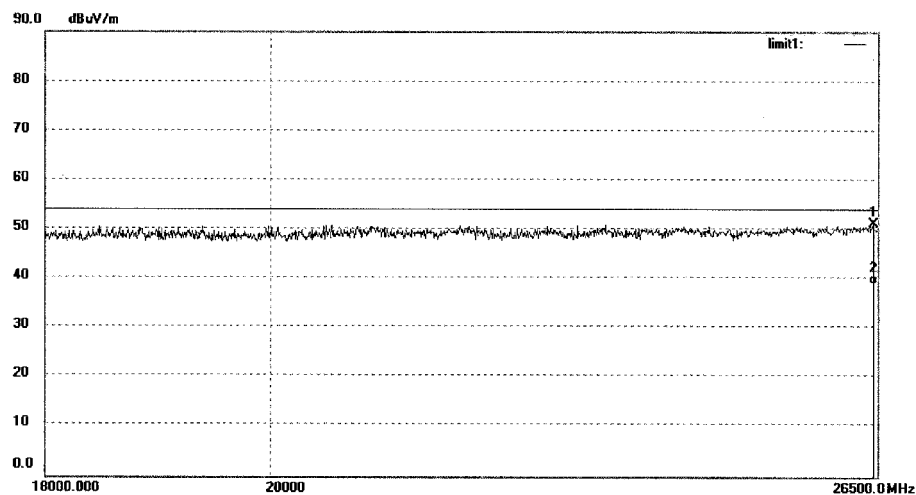
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	88.42	-7.37	81.05	/	/	peak			
2	15942.303	10.85	40.01	50.86	74.00	-23.14	peak			
3	15942.303	-1.08	40.01	38.93	54.00	-15.07	AVG			

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 Site: 2# Chamber
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Job No.: YULIAH #636	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 2402MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth 4.0	



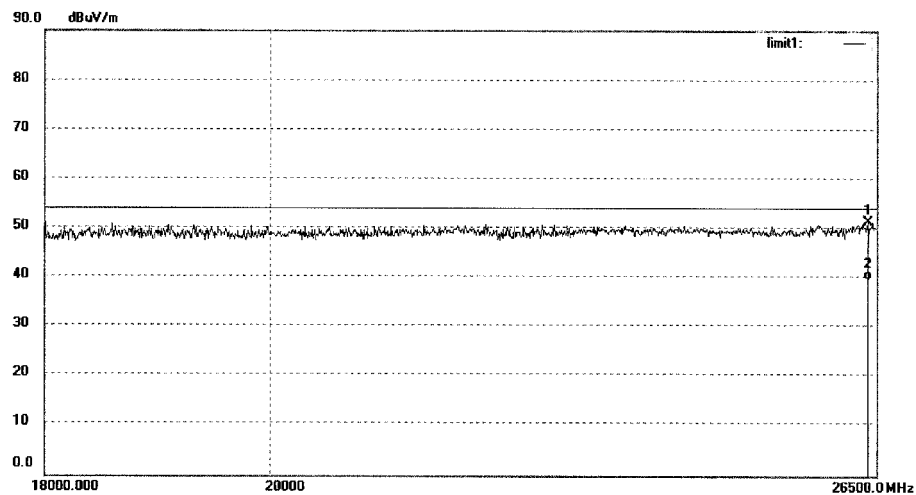
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26448.699	34.75	16.50	51.25	74.00	-22.75	peak			
2	26448.699	22.62	16.50	39.12	54.00	-14.88	AVG			

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 Site: 2# Chamber
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Job No.: YULIAH #635	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 2402MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth 4.0	



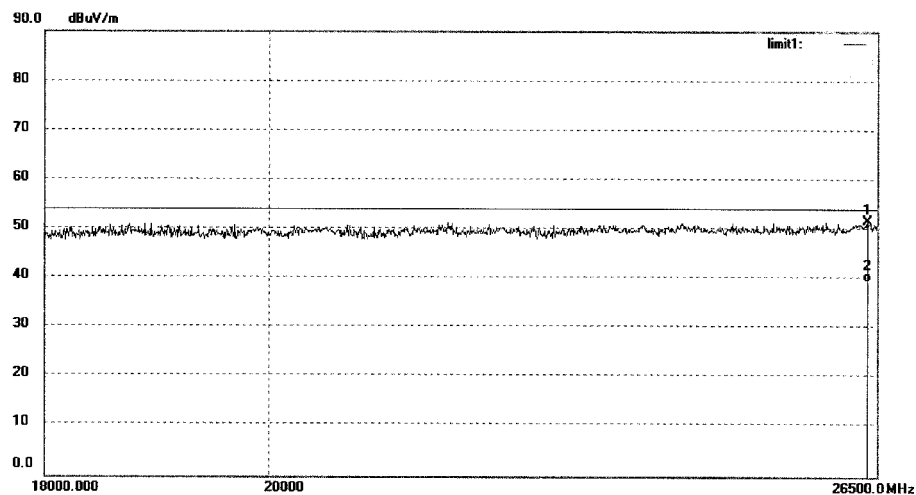
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26397.499	34.34	16.97	51.31	74.00	-22.69	peak			
2	26397.499	22.75	16.97	39.72	54.00	-14.28	AVG			

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 Site: 2# Chamber
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Job No.: YULIAH #637	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 2440MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth 4.0	



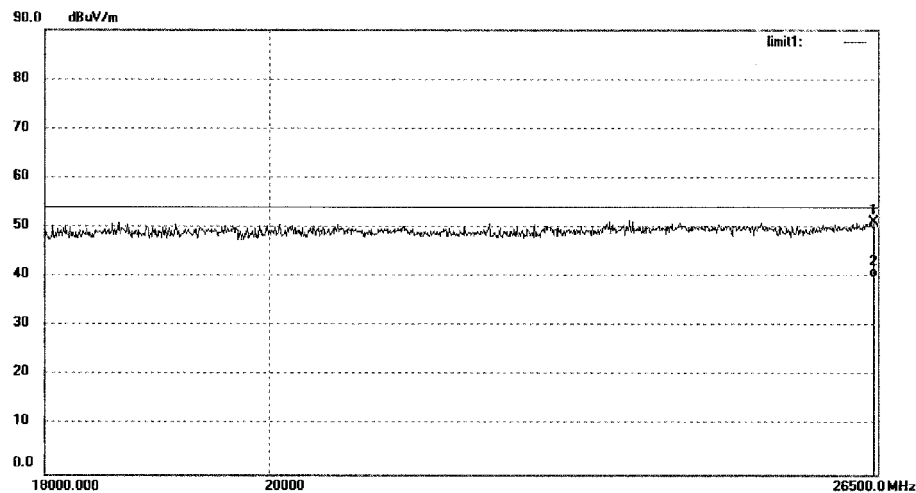
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26387.270	35.08	16.50	51.58	74.00	-22.42	peak			
2	26387.270	22.88	16.50	39.38	54.00	-14.62	AVG			

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Job No.: YULIAH #638	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 2440MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth 4.0	



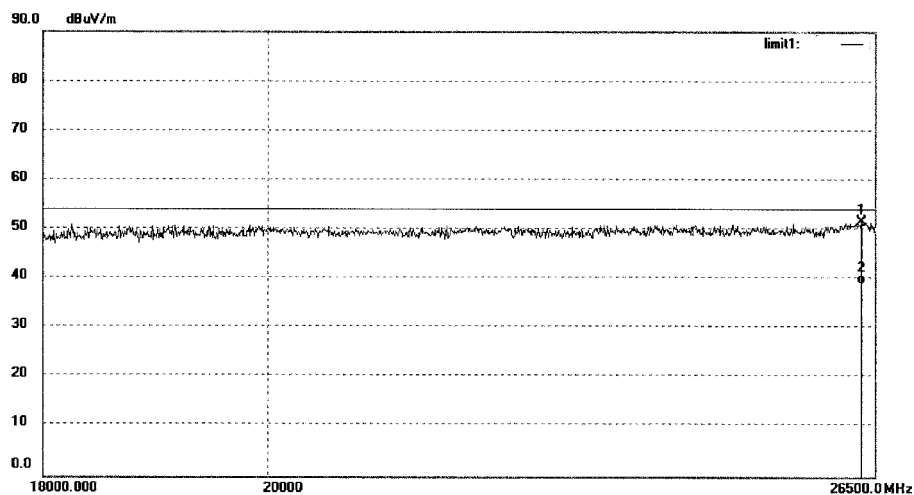
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26458.952	34.28	16.93	51.21	74.00	-22.79	peak			
2	26458.952	23.06	16.93	39.99	54.00	-14.01	AVG			

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Job No.: YULIAH #640	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 2480MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth 4.0	



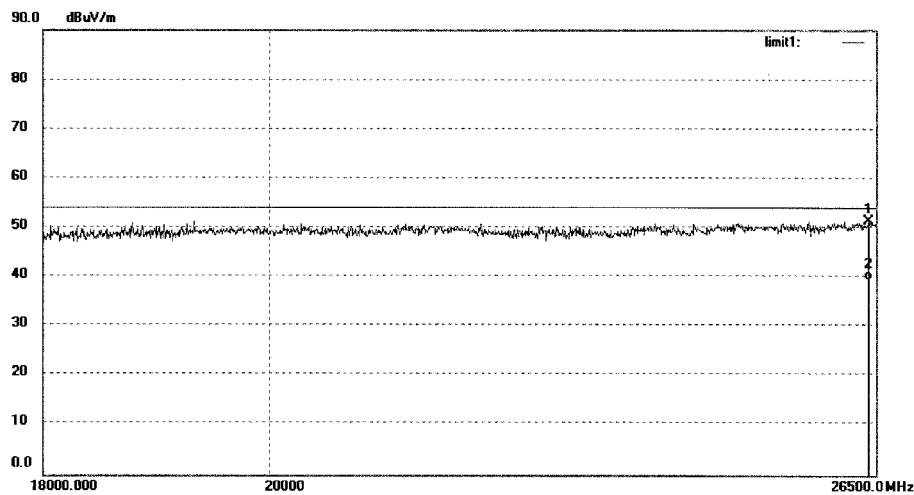
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26346.396	35.16	16.50	51.66	74.00	-22.34	peak			
2	26346.396	22.49	16.50	38.99	54.00	-15.01	AVG			

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Job No.: YULIAH #639	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 2480MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth 4.0	



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	34.40	16.95	51.35	74.00	-22.65	peak			
2	26417.967	22.61	16.95	39.56	54.00	-14.44	AVG			

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Test Plot of Band Edge for IC of Bluetooth LE mode


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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: YULIAH #496

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 2402MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

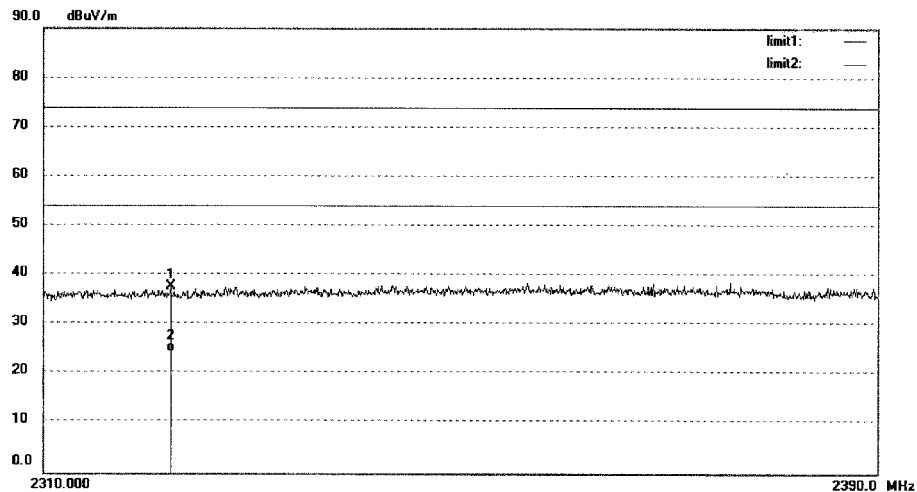
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2322.000	45.50	-7.81	37.69	74.00	-36.31	peak			
2	2322.000	32.28	-7.81	24.47	54.00	-29.53	AVG			

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Fax:+86-0755-26503396

Job No.: YULIAH #495

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

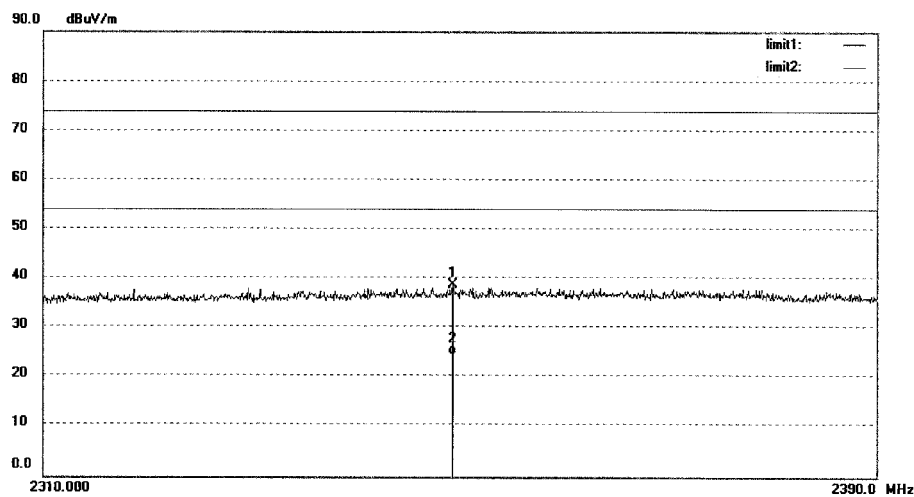
Mode: TX 2402MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: Bluetooth 4.0



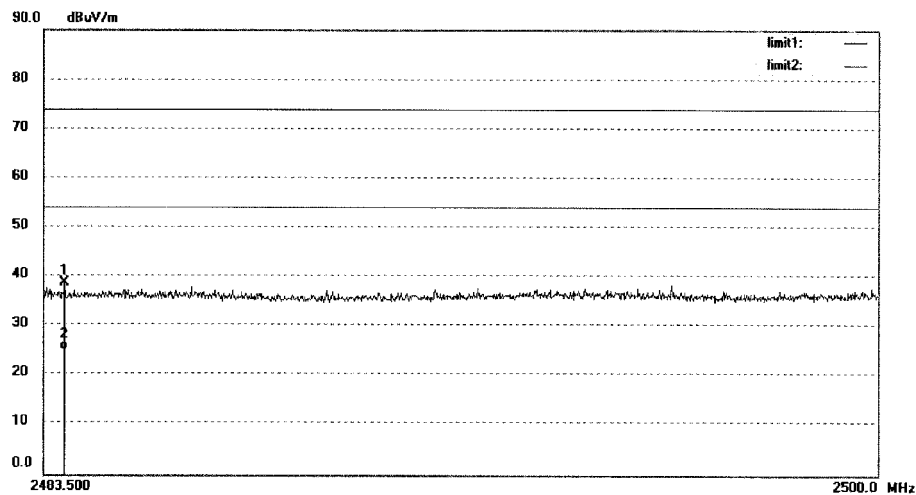
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2349.040	46.50	-7.79	38.71	74.00	-35.29	peak			
2	2349.040	32.38	-7.79	24.59	54.00	-29.41	AVG			

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

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

Job No.: YULIAH #501	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 2480MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: Bluetooth 4.0	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.912	46.22	-7.38	38.84	74.00	-35.16	peak			
2	2483.912	32.40	-7.38	25.02	54.00	-28.98	AVG			

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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #502

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

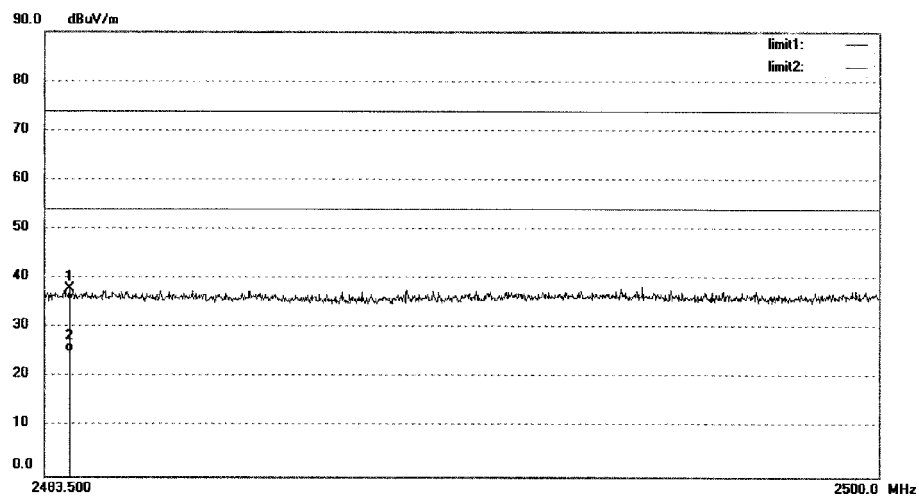
Mode: TX 2480MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.995	45.25	-7.38	37.87	74.00	-36.13	peak			
2	2483.995	32.56	-7.38	25.18	54.00	-28.82	AVG			

5.1.8 Frequency Separation

RESULT:

Pass

Date of testing	:	2015-05-14
Test standard	:	FCC part 15.247(a)(1) RSS-210 A8.1(b)
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 ANSI C63.10: 2013
Limit	:	≥ 25kHz or two-thirds of 20dB bandwidth, whichever is greater
Kind of test site	:	Shield room

Test setup

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

Table 14: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1.0029	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1.0029	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2479	1.0029	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2480			

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

Date of testing : 2015-05-14
Test standard : FCC part 15.247(a)(1)(iii)
RSS-210 A8.1(d)
Basic standard : ANSI C63.4: 2003
ANSI C63.4: 2014
ANSI C63.10: 2013
Limits : ≥ 15 non-overlapping channels
Kind of test site : Shield room

Test setup

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

Table 15: Test result of Number of hopping frequency

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

5.1.10 Time of Occupancy

RESULT:

Pass

Date of testing	:	2015-05-14
Test standard	:	FCC part 15.247(a)(1)(iii) RSS-210 A8.1(d)
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 ANSI C63.10: 2013
Limits	:	0.4s
Kind of test site	:	Shield room

Test setup

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

Table 16: Test result of Time of Occupancy

Mode	Packet Type	Channel Frequency (MHz)	Packet Duration [ms]	Number of Hops per Channel	Dwell Time (ms)	Limit [ms]
BDR	DH1	2402	0.3913	274	107.2162	400
		2441	0.3913	285	111.5205	400
		2480	0.3913	281	109.9553	400
	DH3	2402	1.6522	152	251.1344	400
		2441	1.6522	150	247.8300	400
		2480	1.6667	156	260.0052	400
	DH5	2402	2.9348	116	340.4368	400
		2441	2.9130	99	288.3870	400
		2480	2.9130	105	305.8650	400
EDR	DH1	2402	0.3986	279	111.2094	400
		2441	0.3913	282	110.3466	400
		2480	0.3913	280	109.5640	400
	DH3	2402	1.6522	162	267.6564	400
		2441	1.6667	156	260.0052	400
		2480	1.6667	158	263.3386	400
	DH5	2402	2.9348	109	319.8932	400
		2441	2.9130	103	300.0390	400
		2480	2.9130	102	297.1260	400

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

Date of testing	:	2015-05-16
Test standard	:	FCC Part 15.207
		RSS-Gen Clause 8.8
Basic standard	:	ANSI C63.4: 2003
		ANSI C63.4: 2014
		ANSI C63.10: 2013
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207
		Table 3 of RSS-Gen
Kind of test site	:	Shield room

Test setup

Input Voltage	:	AC 120V, 60Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

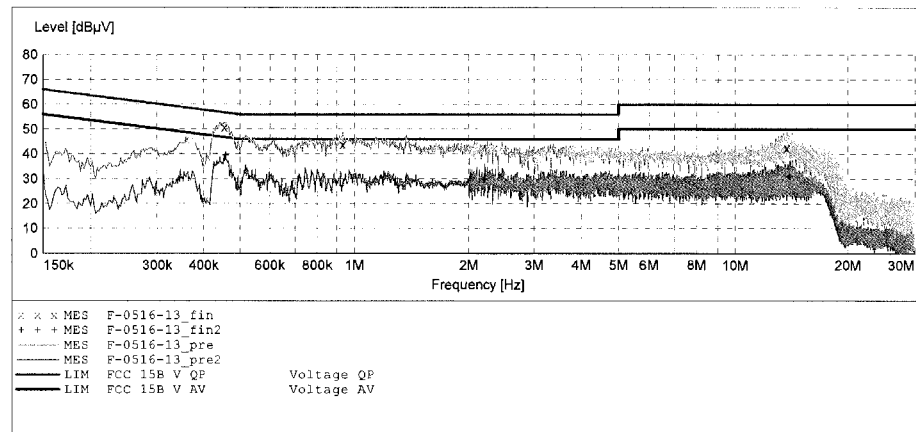
For details refer to following test plot.

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: On with Bluetooth
 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-0516-13_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.454000	50.80	11.4	57	6.0	QP	L1	GND
0.932000	43.90	11.6	56	12.1	QP	L1	GND
13.781000	42.60	11.9	60	17.4	QP	L1	GND

MEASUREMENT RESULT: "F-0516-13_fin2"

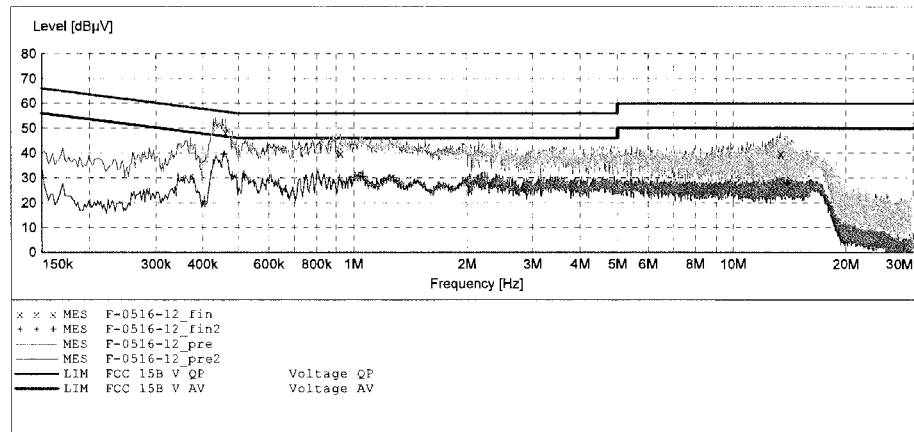
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.458000	39.50	11.4	47	7.2	AV	L1	GND
2.207000	29.90	11.7	46	16.1	AV	L1	GND
14.010500	31.00	11.9	50	19.0	AV	L1	GND

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 Bluetooth
 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-0516-12_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.460000	48.30	11.4	57	8.4	QP	N	GND
0.924000	39.90	11.6	56	16.1	QP	N	GND
13.452500	39.80	11.9	60	20.2	QP	N	GND

MEASUREMENT RESULT: "F-0516-12_fin2"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.456000	39.40	11.4	47	7.4	AV	N	GND
1.056000	30.40	11.6	46	15.6	AV	N	GND
14.024000	27.90	11.9	50	22.1	AV	N	GND

6. Photographs of the Test Set-Up

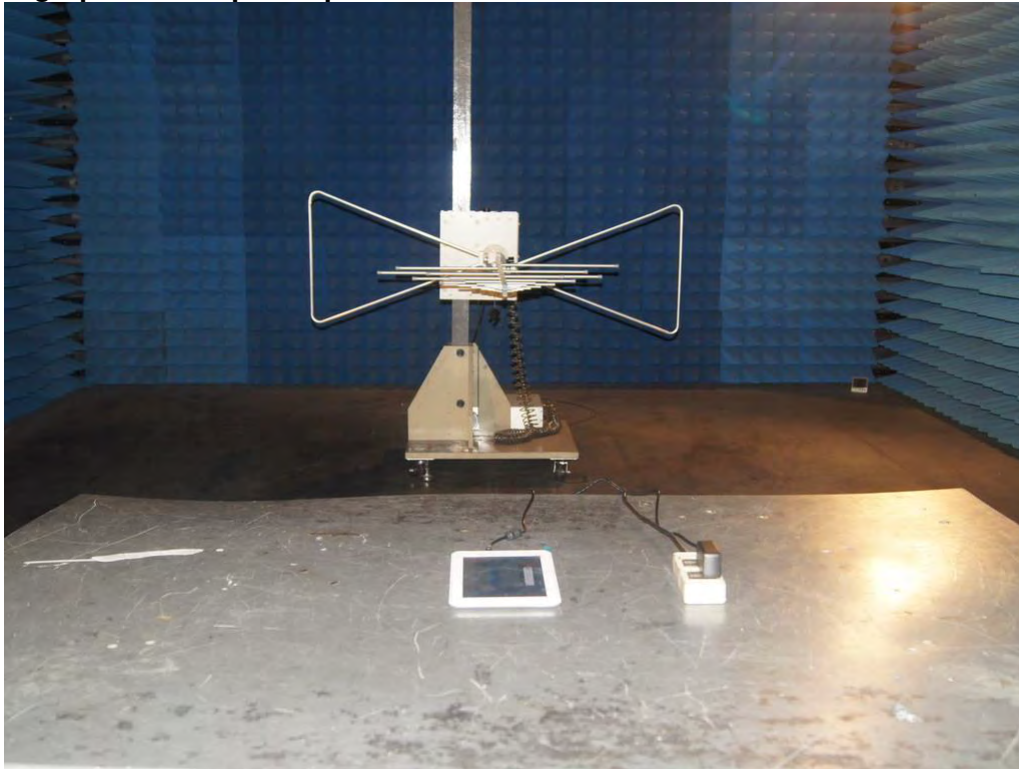
Photograph 1: Set-up for Conducted Emissions



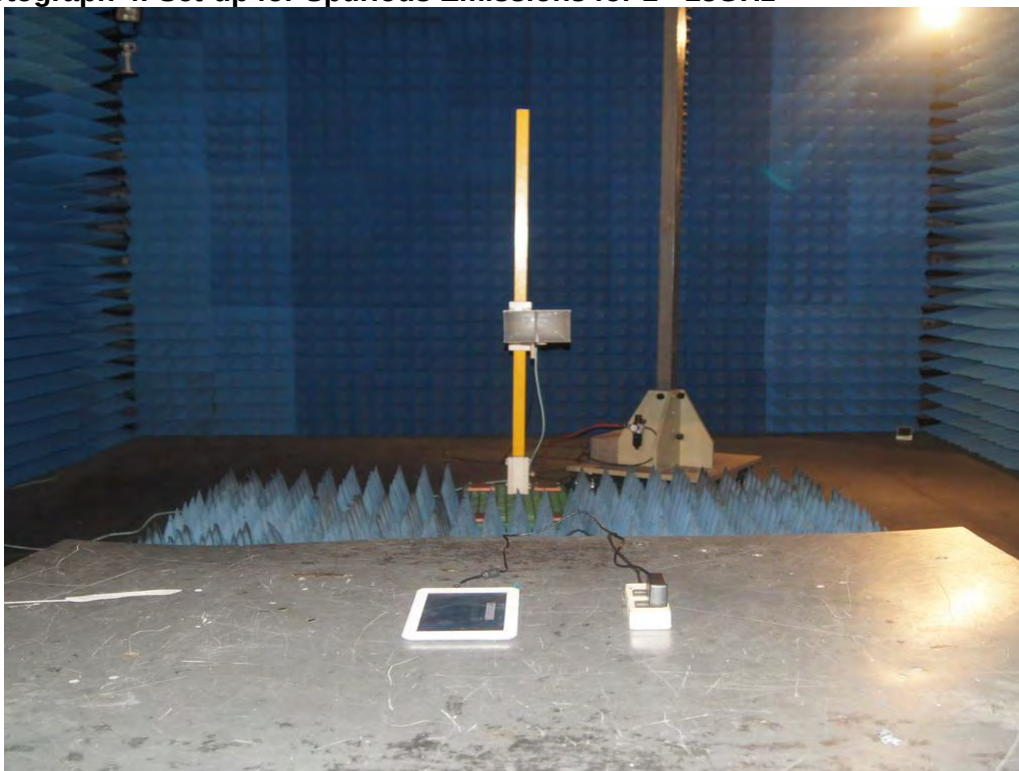
Photograph 2: Set-up for Spurious Emissions for below 30MHz



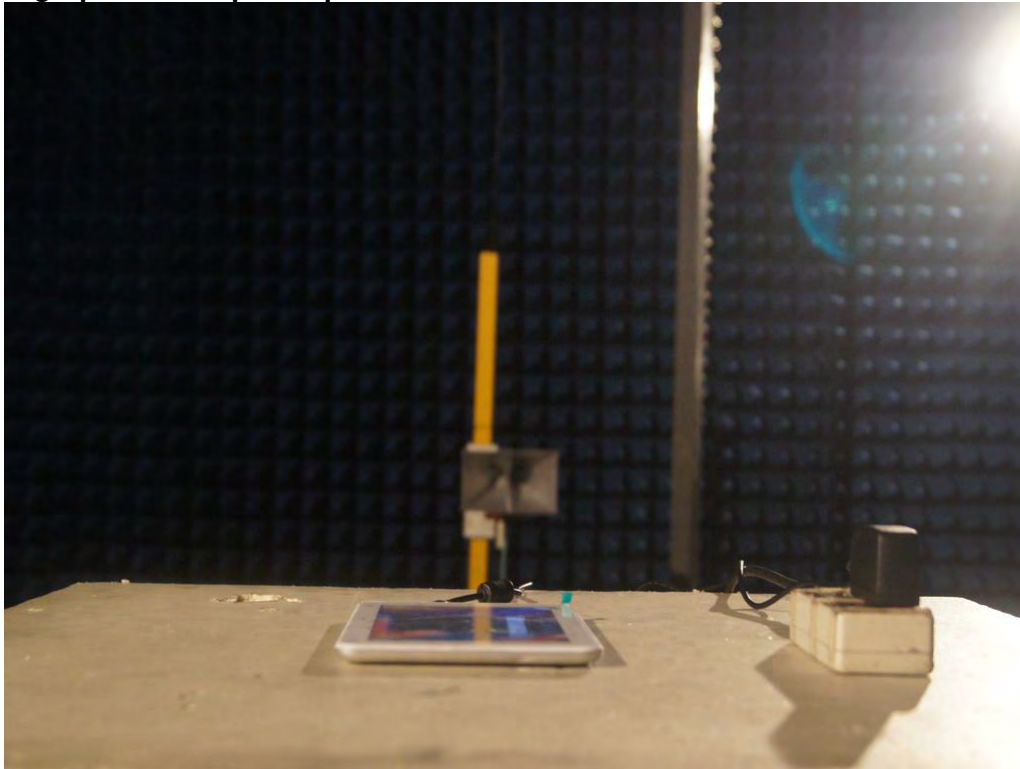
Photograph 3: Set-up for Spurious Emissions for 30 - 1000MHz



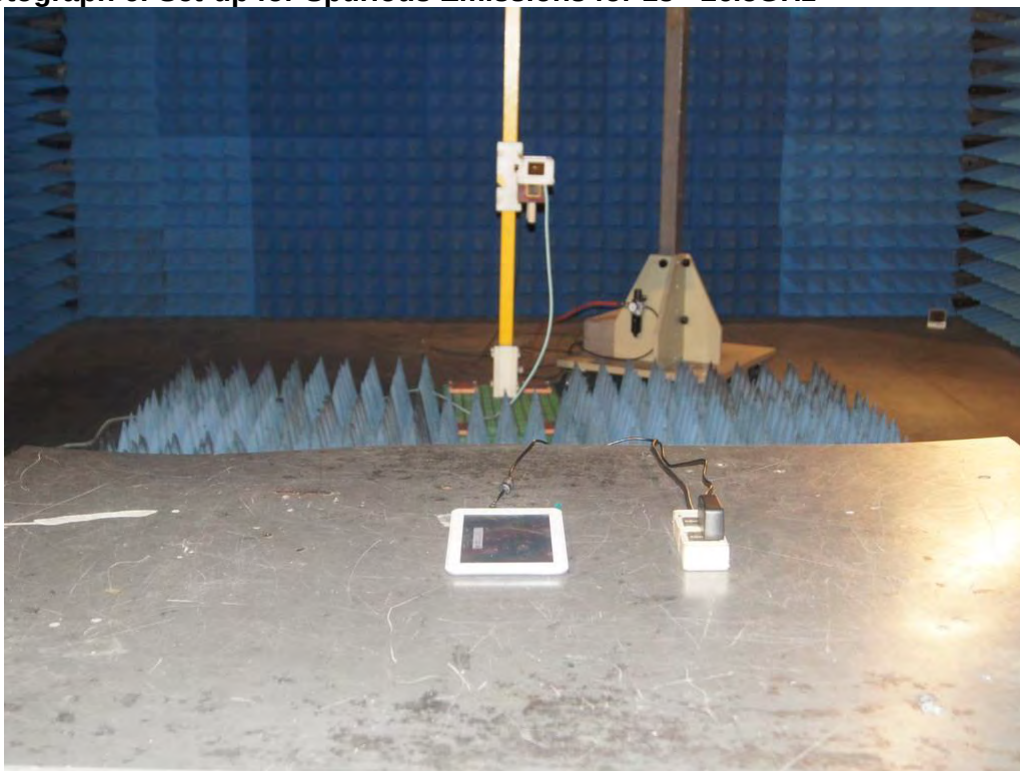
Photograph 4: Set-up for Spurious Emissions for 1 - 18GHz



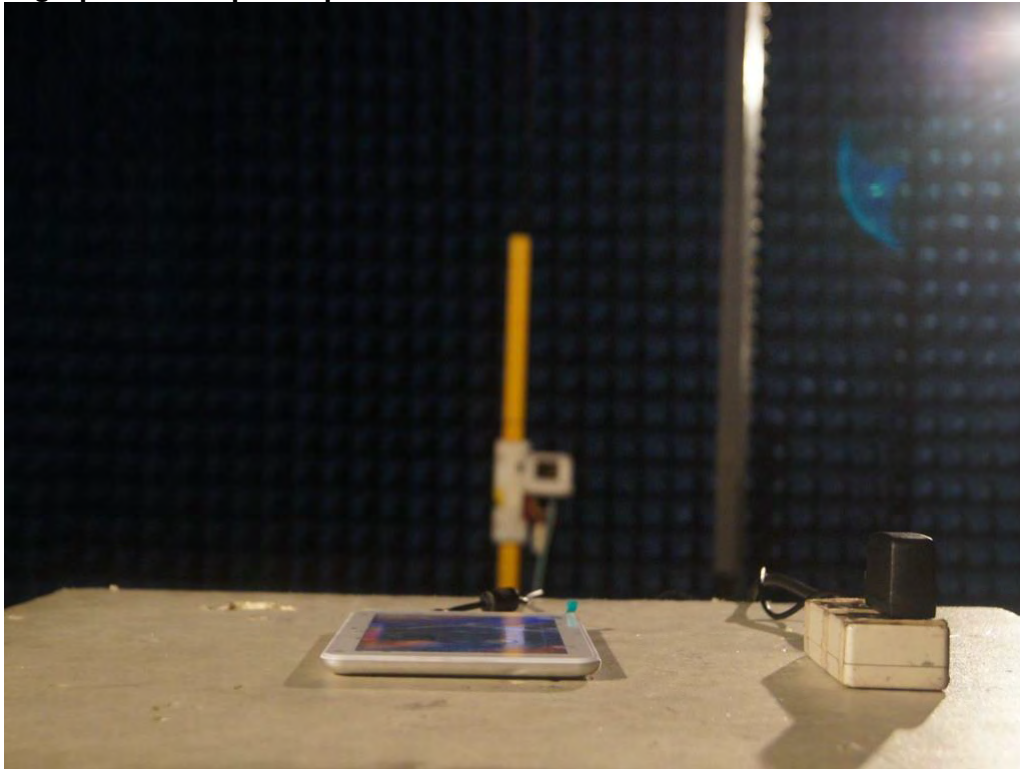
Photograph 5: Set-up for Spurious Emissions for 1 - 18GHz for IC



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



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



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