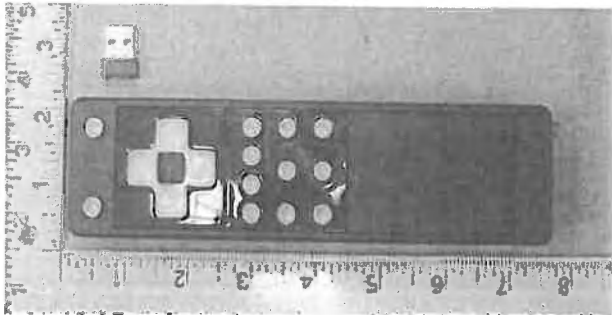
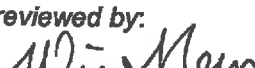


Prüfbericht-Nr.: <i>Test Report No.:</i>	17048939 001	Auftrags-Nr.: <i>Order No.:</i>	164034449	Seite 1 von 97 <i>Page 1 of 97</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	20.04.2015	
Auftraggeber: <i>Client:</i>	The Zen Factory Group (ASIA) House 23, Hibiscus Path, Westwood, Palm Springs, Yuen Long, NT, Hong Kong			
Prüfgegenstand: <i>Test item:</i>	Xbox One Media Remote and keyboard			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	NS-GXBOMRK101			
Auftrags-Inhalt: <i>Order content:</i>	FCC Certification			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.249 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 FCC KDB publication 447498 D01 v05r02 CFR FCC Part 15: Subpart B Section 15.107			
Wareneingangsdatum: <i>Date of receipt:</i>	20.04.2015			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000187998 001~003			
Prüfzeitraum: <i>Testing period:</i>	20.05.2015 - 08.05.2015			
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: 		
04.06.2015	Tom Wang / Project Manager	04.06.2015	Winnie Hou / Technical Certifier	
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>
				Unterschrift <i>Signature</i>
Sonstiges / Other: FCC ID: WP85P04006ZEN -Remote FCC ID: WP85P04006 -Dongle				
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>				

Prüfbericht - Nr.: 17048939 001
Test Report No.Seite 2 von 97
Page 2 of 97

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 FUNDAMENTAL & HARMONICS RADIATED EMISSION

RESULT: Pass

5.1.3 RADIATED SPURIOUS EMISSIONS OUTSIDE BAND

RESULT: Pass

5.1.4 CONDUCTED EMISSIONS

RESULT: Pass

6.1.1 ELECTROMAGNETIC FIELDS

RESULT: Pass

Contents

1.	GENERAL REMARKS	4
1.1	COMPLEMENTARY MATERIALS.....	4
2.	TEST SITES	4
2.1	TEST FACILITIES	4
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS	5
2.3	TRACEABILITY	5
2.4	CALIBRATION	5
2.5	MEASUREMENT UNCERTAINTY	6
2.6	LOCATION OF ORIGINAL DATA	6
2.7	STATUS OF FACILITY USED FOR TESTING	6
3.	GENERAL PRODUCT INFORMATION	7
3.1	PRODUCT FUNCTION AND INTENDED USE	7
3.2	RATINGS AND SYSTEM DETAILS.....	7
3.3	INDEPENDENT OPERATION MODES.....	8
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS	8
3.5	SUBMITTED DOCUMENTS.....	8
4.	TEST SET-UP AND OPERATION MODES.....	9
4.1	PRINCIPLE OF CONFIGURATION SELECTION	9
4.2	TEST OPERATION AND TEST SOFTWARE	9
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	9
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE	9
4.5	TEST SETUP DIAGRAM	10
5.	TEST RESULTS	12
5.1	TRANSMITTER REQUIREMENT & TEST SUITES.....	12
5.1.1	<i>Antenna Requirement</i>	<i>12</i>
5.1.2	<i>Fundamental & Harmonics Radiated Emission</i>	<i>13</i>
5.1.3	<i>Radiated spurious emissions outside band.....</i>	<i>26</i>
5.1.4	<i>Conducted emissions.....</i>	<i>88</i>
6.	SAFETY HUMAN EXPOSURE.....	91
6.1	RADIO FREQUENCY EXPOSURE COMPLIANCE	91
6.1.1	<i>Electromagnetic Fields.....</i>	<i>91</i>
7.	PHOTOGRAPHS OF THE TEST SET-UP	92
8.	LIST OF TABLES.....	97
9.	LIST OF PHOTOGRAPHS.....	97

1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.

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

FCC Registration No.: 752051

IC OATS Registration No.: 5077A-2

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
Spurious emission and Radiated emission				
Spectrum Analyzer	Rohde&Schwarz	FSV40	101495	2016-01-10
Test Receiver	Rohde & Schwarz	ESCS30	100307	2016-01-10
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2016-01-10
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2016-01-10
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2016-01-10
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2016-01-10
Pre-Amplifier	Rohde & Schwarz	CBLU1183540-01	3791	2016-01-10
Radio Test Suite				
Receiver	Rohde & Schwarz	FSV40	101495	2016-01-10
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2016-01-10
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2016-01-10
L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100310	2016-01-10
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2016-01-10
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2016-01-10
RF Coaxial Cable	SUHNER	N-2m	No.3	2016-01-10

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
Radiated emission (below 30MHz)	$< \pm 3.08 \text{ dB}$
Radiated emission (30MHz-1GHz)	$< \pm 4.42 \text{ dB}$
Radiated emission (above 1GHz)	$< \pm 4.06 \text{ dB}$
Conducted Emission	$< \pm 2.23 \text{ dB}$

2.6 Location of Original Data

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

2.7 Status of Facility Used for Testing

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

3. General Product Information

3.1 Product Function and Intended Use

The system is Xbox One multimedia remote control composed of one remote and one USB dongle. It operates at 2.4GHz ISM frequency band.

The test samples are engineering samples

For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of Remote

Technical Specification	Value
Operating Frequency band	2402 – 2480MHz
Channel number	16
Measured Maximum Output Power(mW)	0.23
Operation Voltage	DC 3V via 2* AAA batteries
Modulation	GFSK
Antenna type	Internal antenna
Antenna Gain	-1dBi
Channel frequency(MHz)	2402/2407/2414/2419/2422/2426/2436/2439/2441/2445/2453/2459/2463/2466/2473/2480

Table 4: Technical Specification of Dongle

Technical Specification	Value
Operating Frequency band	2402 – 2480MHz
Channel number	16
Measured Maximum Output Power(mW)	0.05
Operation Voltage	DC 5V via USB port
Modulation	GFSK
Antenna type	Internal antenna
Antenna Gain	-1dBi
Channel frequency(MHz)	2402/2407/2414/2419/2422/2426/2436/2439/2441/2445/2453/2459/2463/2466/2473/2480

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wireless mode
 - 1. Remote transmitting
 - 2. Dongle transmitting
- B. 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 |
| - Operational Description | - 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.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories.

Table 5: Accessories and Auxiliary Equipment

Description	Manufacturer	Part No.	S/N
Notebook PC	Lenovo	4290-RT8	--
Printer	HP	laserjet 1015	CNFG030424

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

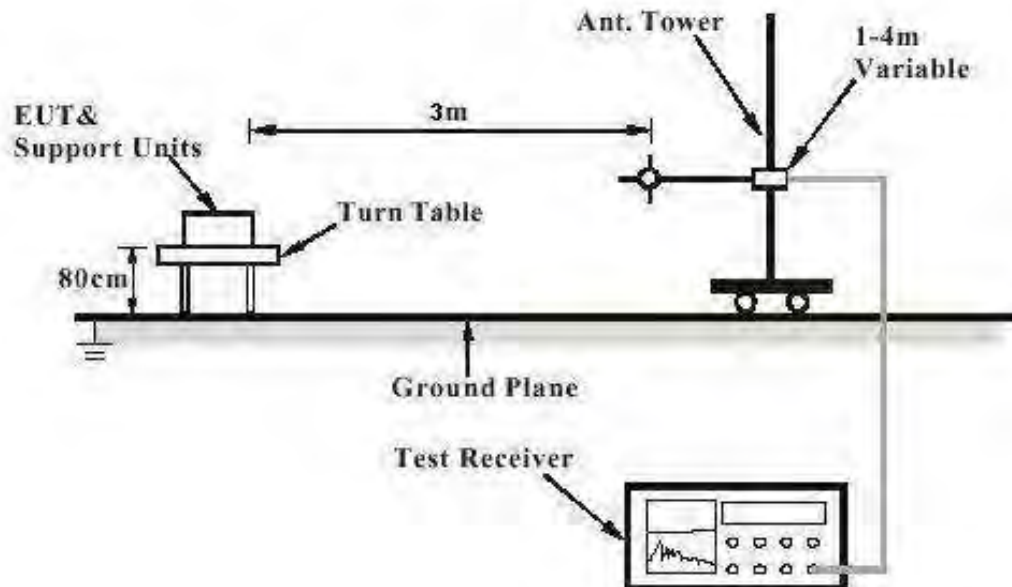


Diagram of Measurement Equipment Configuration for Conduction Measurement

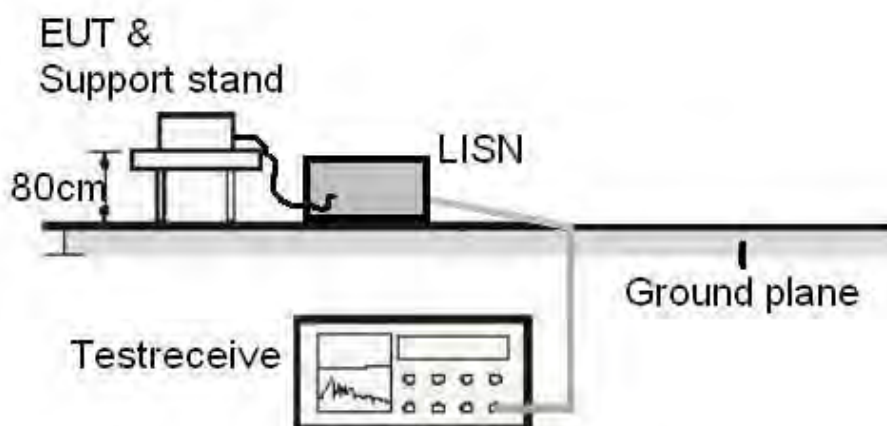
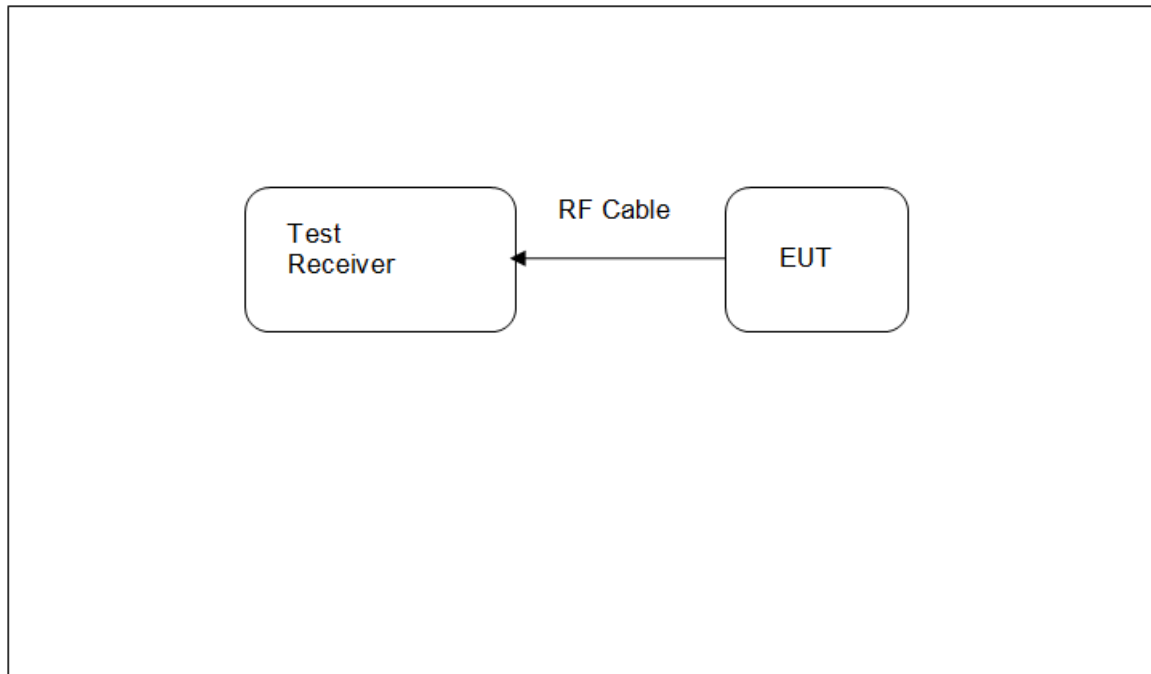


Diagram of Measurement Equipment Configuration for Conducted Transmitter Measurement

5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard	:	FCC Part 15.203 Clause 7.1.4 of RSS-Gen
Limit	:	the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has an internal antenna, the maximum directional gain of antenna is -1dBi for remote and dongle, 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.

Refer to EUT photos for details.

5.1.2 Fundamental & Harmonics Radiated Emission

RESULT:**Pass**

Date of testing	:	2015-05-06
Test standard	:	FCC part 15.249(a)
Basic standard	:	ANSI C63.4: 2003
Limits	:	FCC part 15.249(a)
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

Test channel	:	Low/ Middle/ High
Input voltage	:	DC 3V for remote via AAA batteries DC 5V for dongle via USB port
Operation mode	:	A
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

For details refer to following test plots.

Test plot of Fundamental & Harmonics Radiated Emission--Remote

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.: lan2015 #1058

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3V

Test item: Radiation Test

Date: 15/05/06/

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

Time:

EUT:

Engineer Signature:

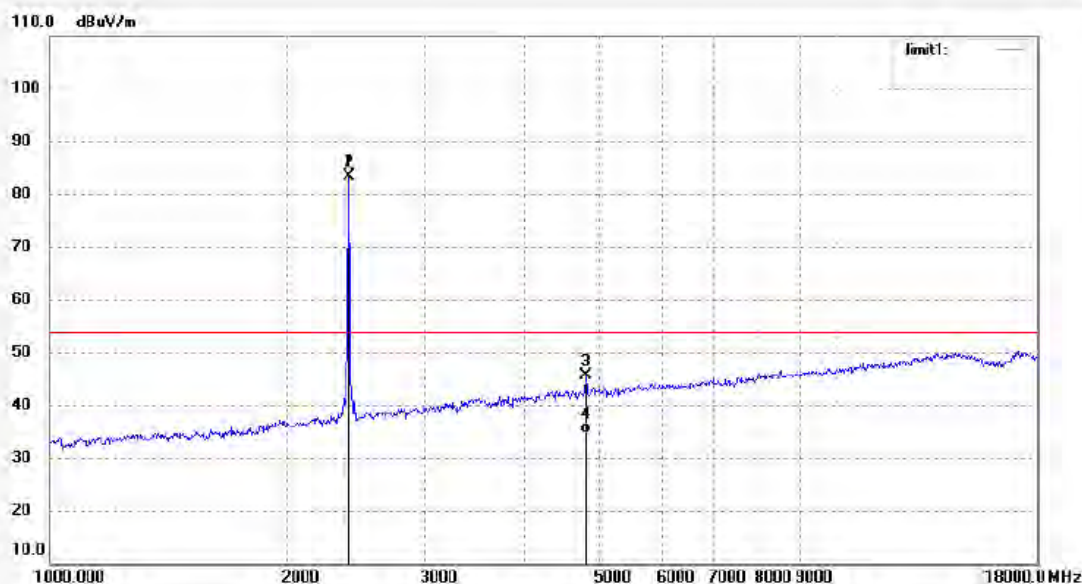
Mode: TX 2402MHz

Distance: 3m

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Note:



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	90.75	-7.45	83.30	/	/	peak			
2	2402.000	87.87	-7.45	80.42	/	/	AVG			
3	4804.010	46.04	-0.30	45.74	74.00	-28.26	peak			
4	4804.010	34.85	-0.30	34.55	54.00	-19.45	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #1059

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 3V

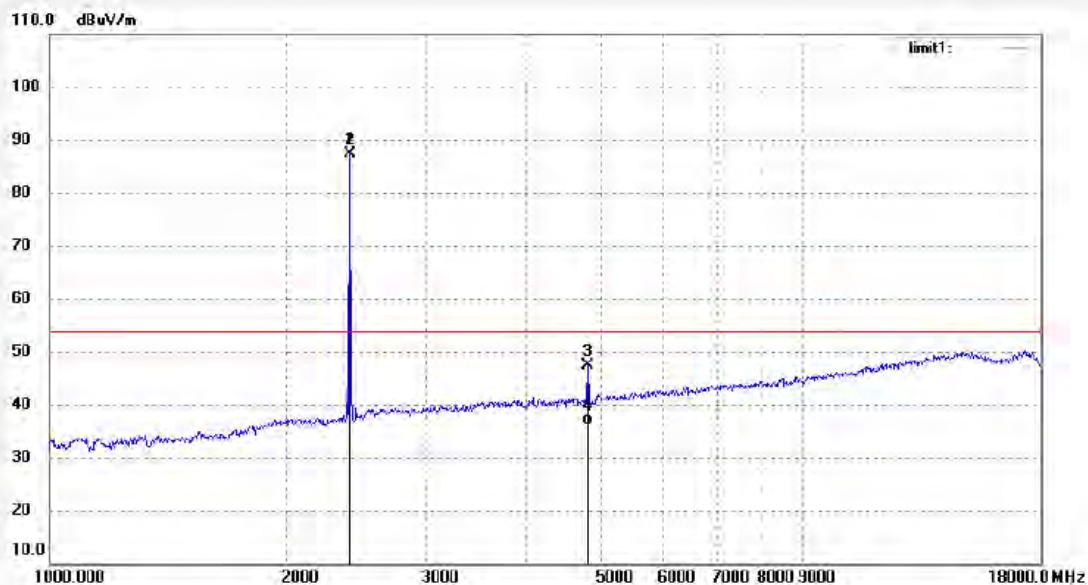
Date: 15/05/08/

Time:

Engineer Signature:

Distance: 3m

Note:



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	94.88	-7.45	87.43	/	/	peak			
2	2402.000	92.35	-7.45	84.90	/	/	AVG			
3	4804.011	47.57	-0.30	47.27	74.00	-26.73	peak			
4	4804.011	38.42	-0.30	38.12	54.00	-17.88	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Ian2015 #1083

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 3V

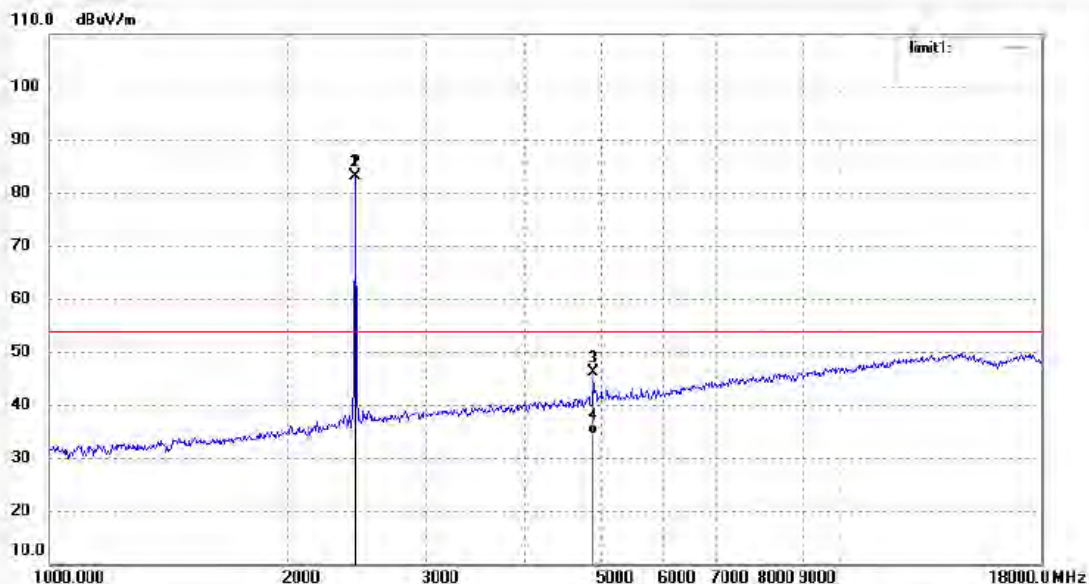
Date: 15/05/08/

Time:

Engineer Signature:

Distance: 3m

Note:



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	80.36	-7.35	83.01	/	/	peak			
2	2441.000	87.79	-7.35	80.44	/	/	AVG			
3	4882.015	45.99	0.14	46.13	74.00	-27.87	peak			
4	4882.015	34.28	0.14	34.42	54.00	-19.58	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Ian2015 #1064

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 3V

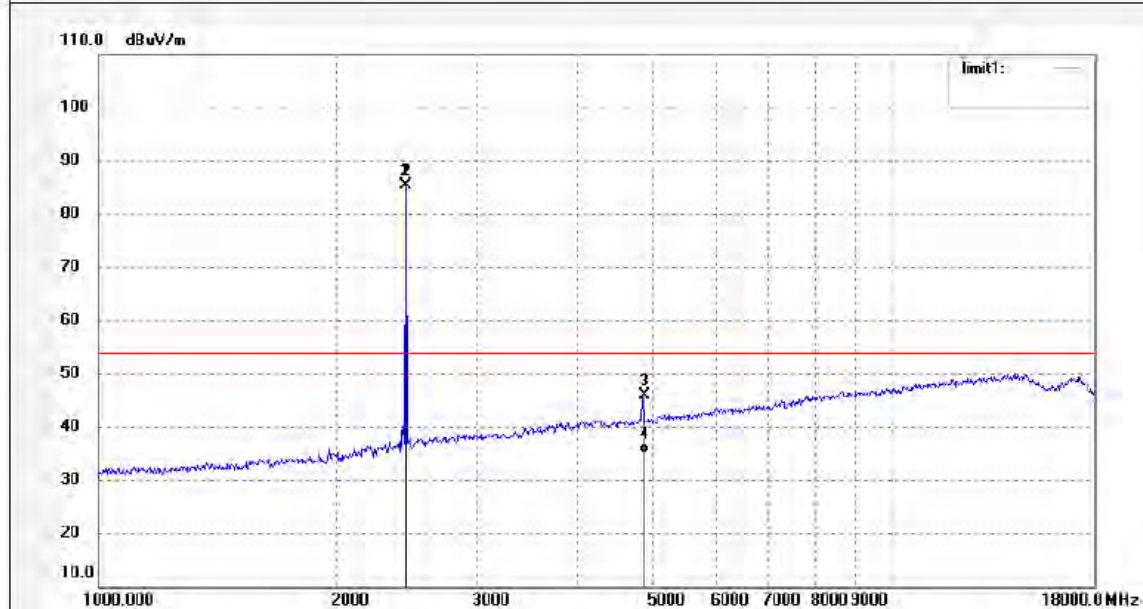
Date: 15/05/06/

Time:

Engineer Signature:

Distance: 3m

Note:



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	92.80	-7.35	85.45	/	/	peak			
2	2441.000	90.27	-7.35	82.92	/	/	AVG			
3	4882.028	45.72	0.14	45.86	74.00	-28.14	peak			
4	4882.028	34.64	0.14	34.78	54.00	-19.22	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Jan2015 #1065

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 3V

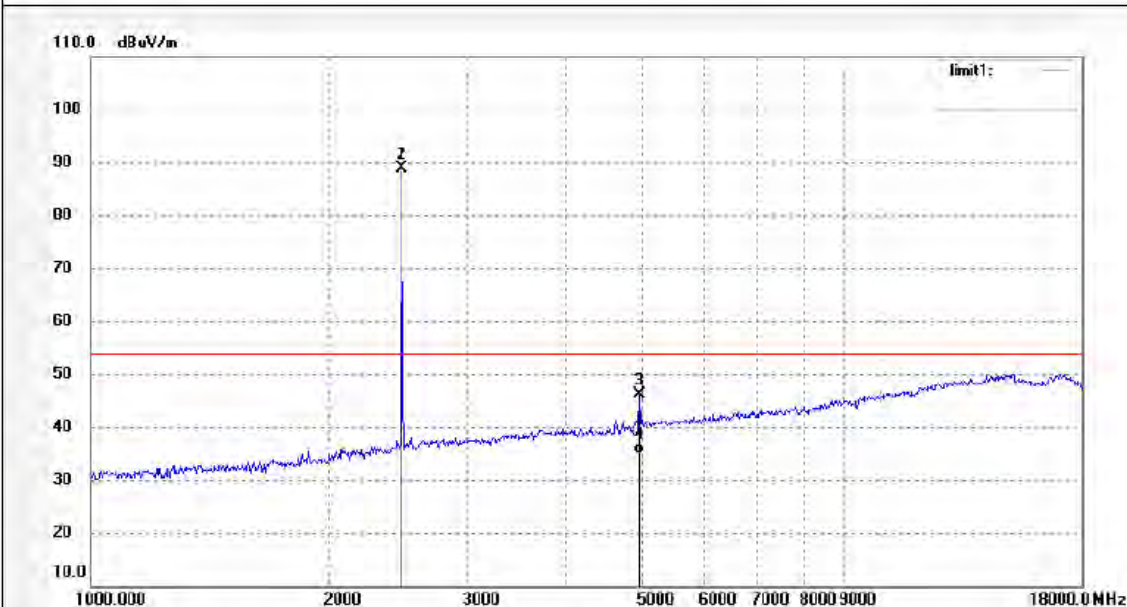
Date: 15/05/06/

Time:

Engineer Signature:

Distance: 3m

Note:



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	96.15	-7.37	88.78	/	/	peak			
2	2480.000	93.75	-7.37	86.38	/	/	AVG			
3	4980.033	45.84	0.52	46.16	74.00	-27.84	peak			
4	4980.033	34.32	0.52	34.84	54.00	-19.16	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Ian2015 #1068

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 3V

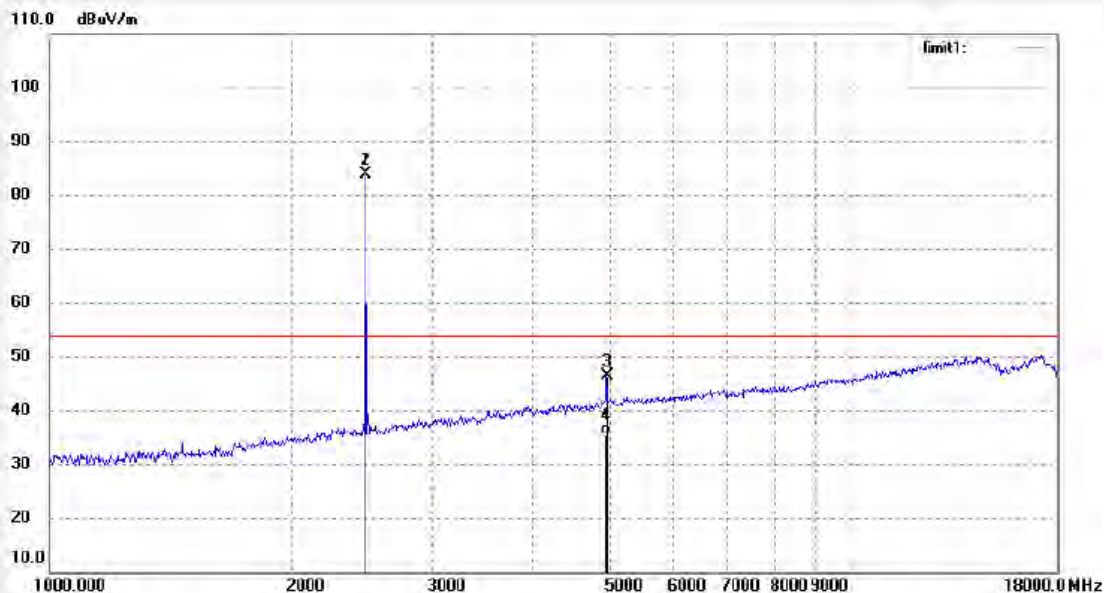
Date: 15/05/06/

Time:

Engineer Signature:

Distance: 3m

Note:



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	81.20	-7.37	83.83	/	/	peak			
2	2480.000	88.79	-7.37	81.42	/	/	AVG			
3	4980.013	45.80	0.52	46.32	74.00	-27.68	peak			
4	4980.013	34.75	0.52	35.27	54.00	-18.73	AVG			

Test plot of Fundamental & Harmonics Radiated Emission—Dongle

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:+86-0755-26503398

Job No.: Jan2015 #1069

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

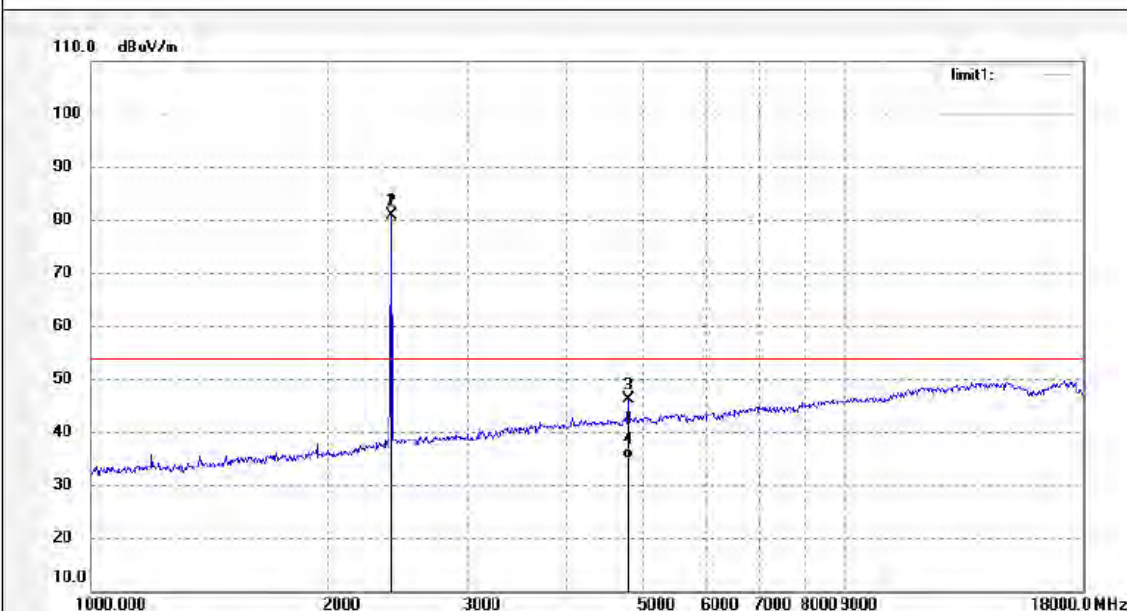
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



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	88.30	-7.45	80.85	/	/	peak			
2	2402.000	86.45	-7.45	79.00	/	/	AVG			
3	4804.025	46.43	-0.30	46.13	74.00	-27.87	peak			
4	4804.025	35.12	-0.30	34.82	54.00	-19.18	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503280

Fax: +86-0755-26503398

Job No.: lan2015 #1070

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/05/07/

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

Time:

EUT:

Engineer Signature:

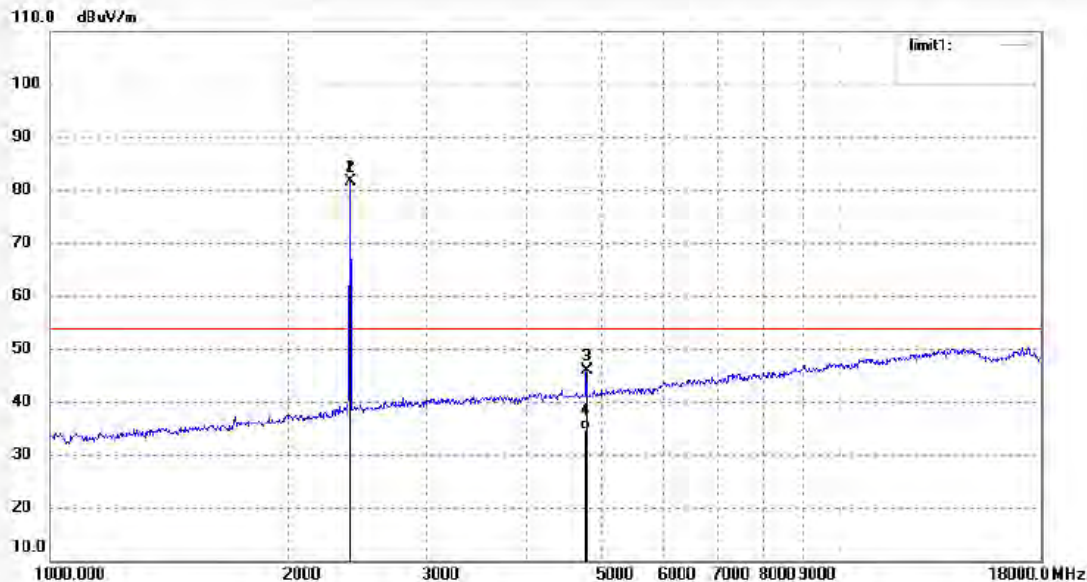
Mode: TX 2402MHz

Distance: 3m

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Note:



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	89.08	-7.45	81.63	/	/	peak			
2	2402.000	86.46	-7.45	79.01	/	/	AVG			
3	4804.019	46.10	-0.30	45.80	74.00	-28.20	peak			
4	4804.019	35.04	-0.30	34.74	54.00	-19.26	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503398

Job No.: lan2015 #1073

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

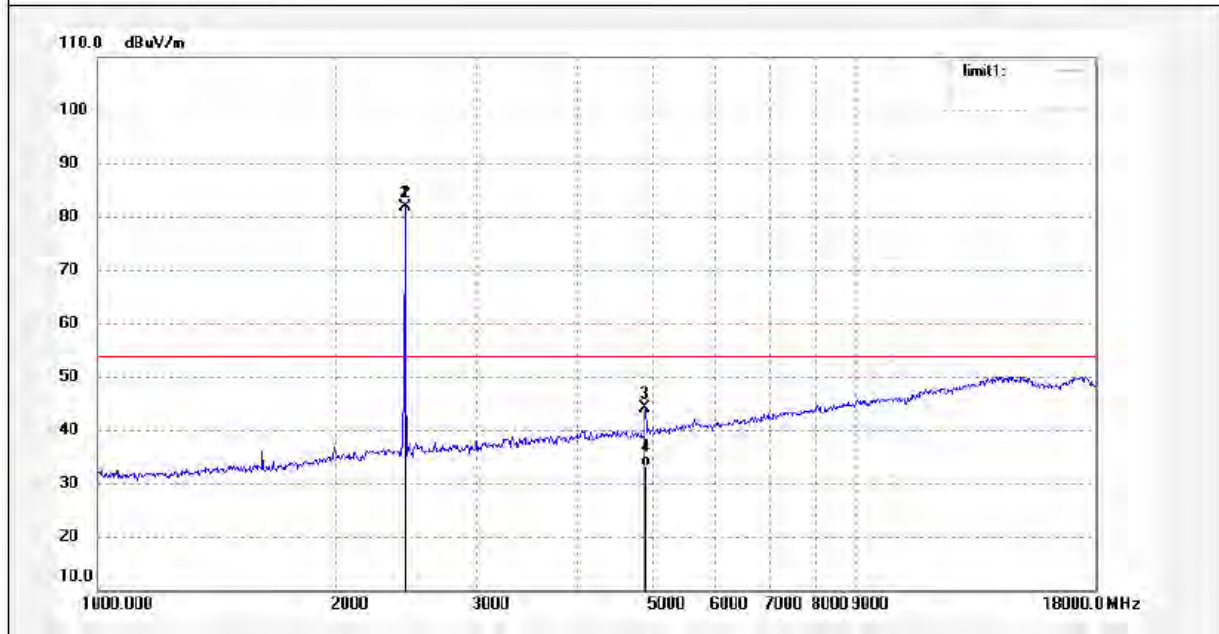
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



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	88.13	-7.35	81.78	/	/	peak			
2	2441.000	88.57	-7.35	79.22	/	/	AVG			
3	4882.023	44.11	0.14	44.25	74.00	-29.75	peak			
4	4882.023	33.04	0.14	33.18	54.00	-20.82	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-28503290

Fax: +86-0755-28503396

Job No.: lan2015 #1074

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 5V

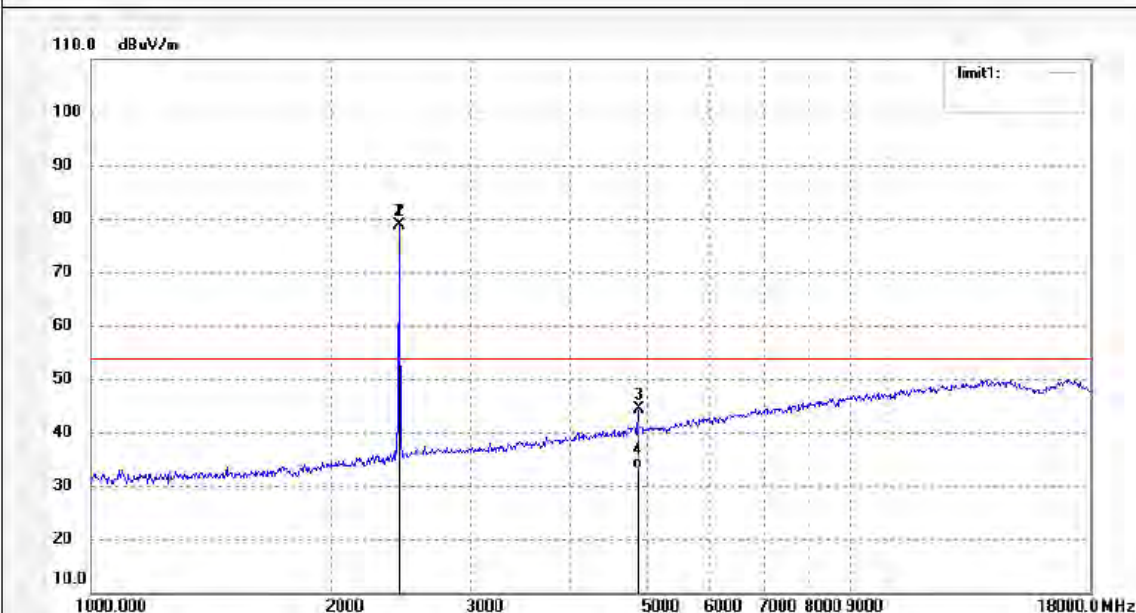
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



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	86.35	-7.35	79.00	/	/	peak			
2	2441.000	84.60	-7.35	77.25	/	/	AVG			
3	4882.015	44.20	0.14	44.34	74.00	-29.66	peak			
4	4882.015	33.04	0.14	33.18	54.00	-20.82	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-28503290

Fax: +86-0755-28503396

Job No.: Jan2015 #1075

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 5V

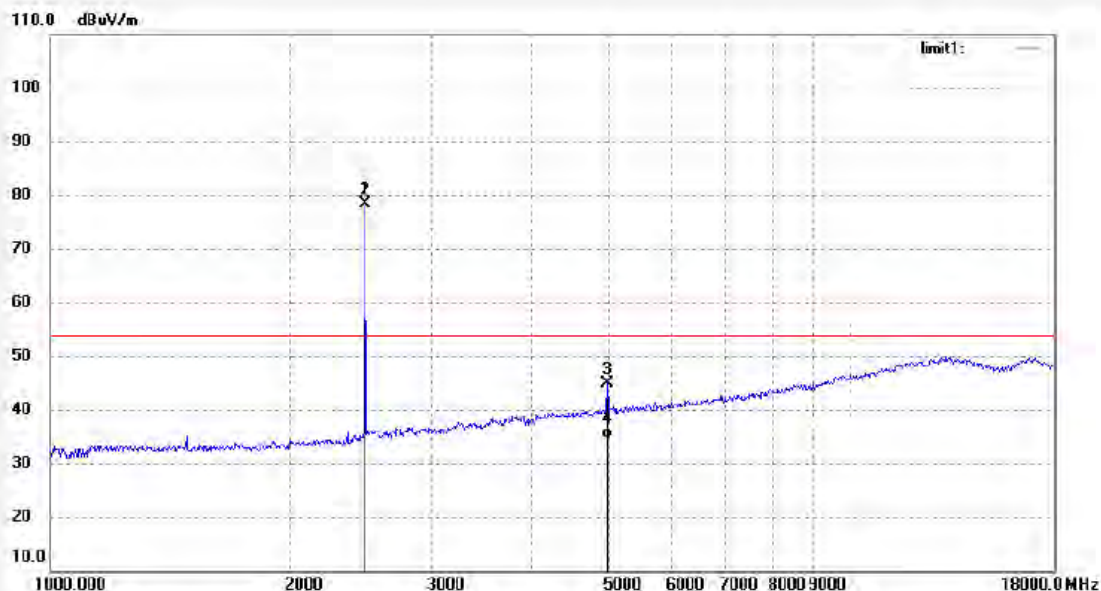
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



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	85.84	-7.37	78.47	/	/	peak			
2	2480.000	83.44	-7.37	76.07	/	/	AVG			
3	4980.017	44.41	0.52	44.93	74.00	-29.07	peak			
4	4980.017	34.17	0.52	34.69	54.00	-19.31	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503280

Fax:+86-0755-26503396

Job No.: Ian2015 #1078

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

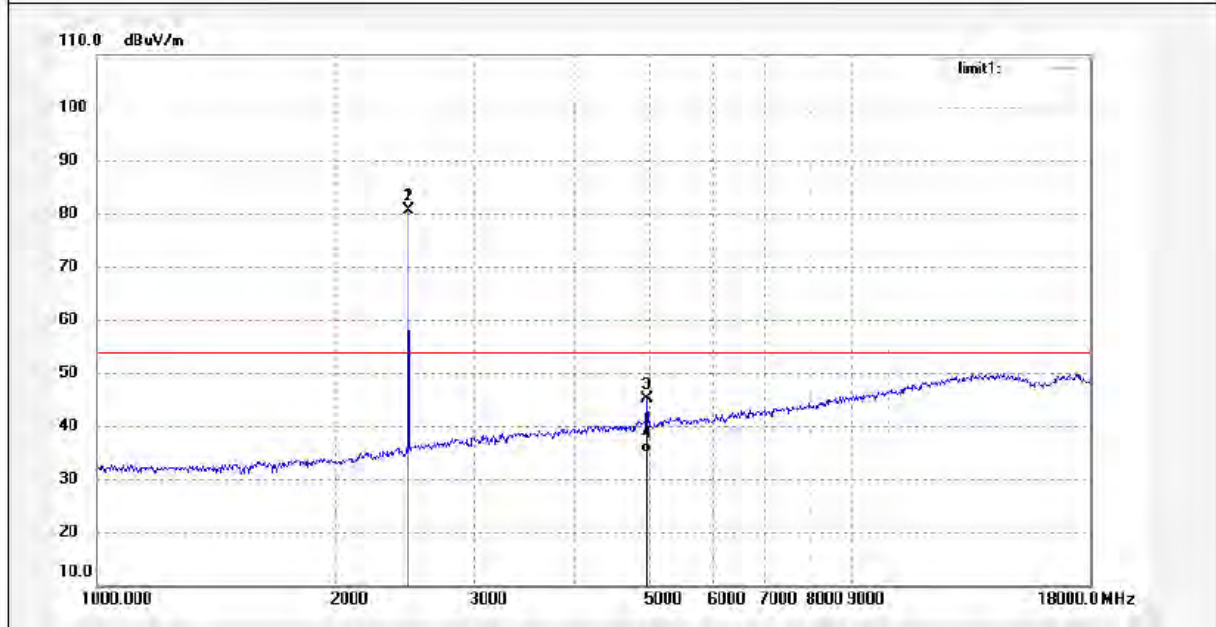
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



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	88.11	-7.37	80.74	/	/	peak			
2	2480.000	88.51	-7.37	79.14	/	/	AVG			
3	4950.031	44.56	0.47	45.03	74.00	-28.97	peak			
4	4950.031	34.53	0.47	35.00	54.00	-19.00	AVG			

5.1.3 Radiated spurious emissions outside band

RESULT:**Pass**

Date of testing	:	2015-05-06 -2015-05-08
Test standard	:	FCC Part 15.209(a) FCC Part 15.249(d)
Basic standard	:	ANSI C63.4: 2003
Frequency range	:	0.009 – 25000MHz*
Limits	:	FCC Part 15.209(a)
Kind of test site	:	3m Semi-Anechoic Chamber

Test Setup

Test channel	:	Low/ Middle/ High
Input voltage	:	DC 3V for remote via AAA batteries DC 5V for dongle via USB port
Operation mode	:	A
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

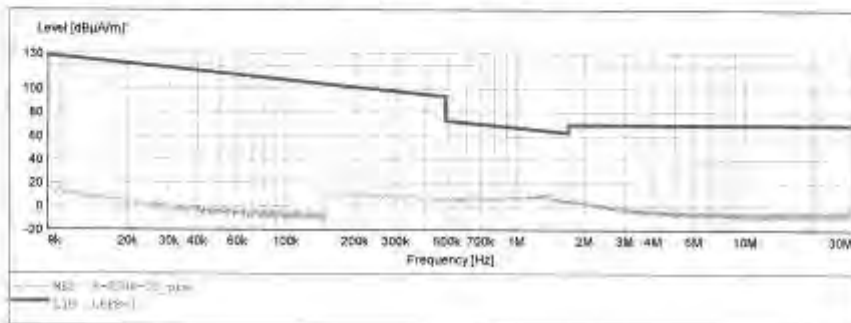
*- The EUT's highest frequency generated and used is 2480MHz; hence the highest scan frequency is up to 25GHz.

Test Plots of Radiated spurious emissions outside band-Romote
ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBCMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2402MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specifications: DC 3V
 Comment: X
 Start of Test: 2015-5-8 /

SCAN TABLE: "LFRE Pin"

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

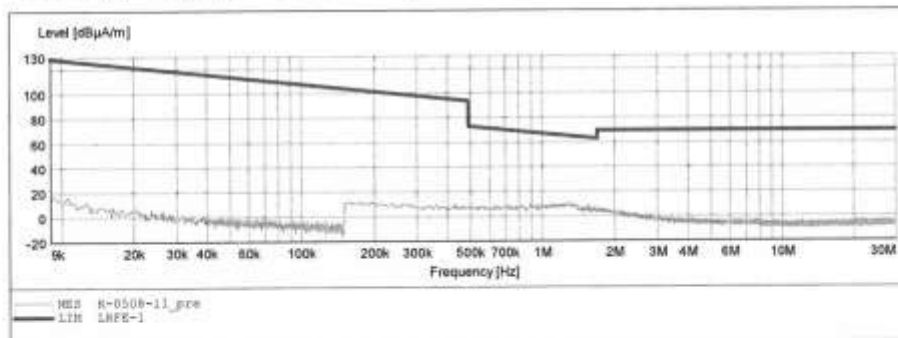


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2402MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 3V
 Comment: Y
 Start of Test: 2015-5-8 /

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

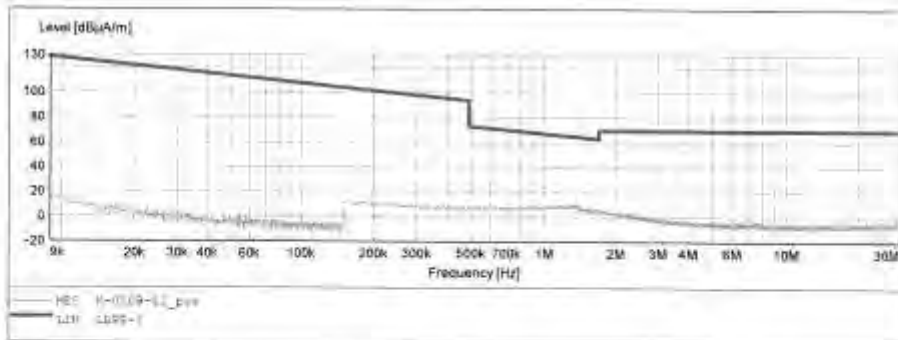


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: M/N:MS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2402MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 3V
 Comment: E
 Start of Test: 2015-5-8 /

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



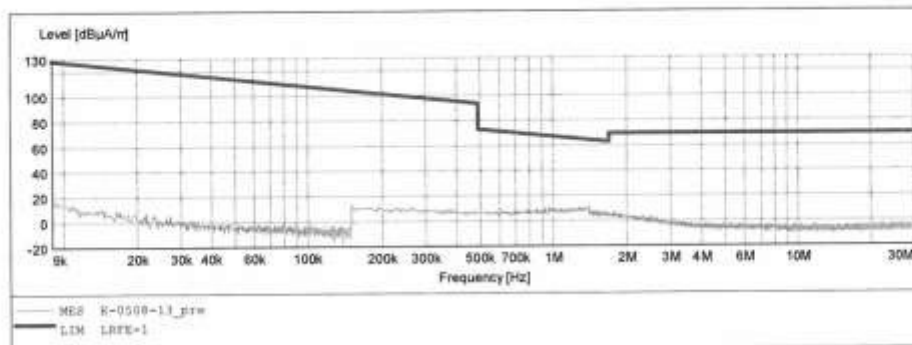
ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2441MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 3V
 Comment: X
 Start of Test: 2015-5-8 /

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

Short Description: SUB_STD_VTERM2 1.70

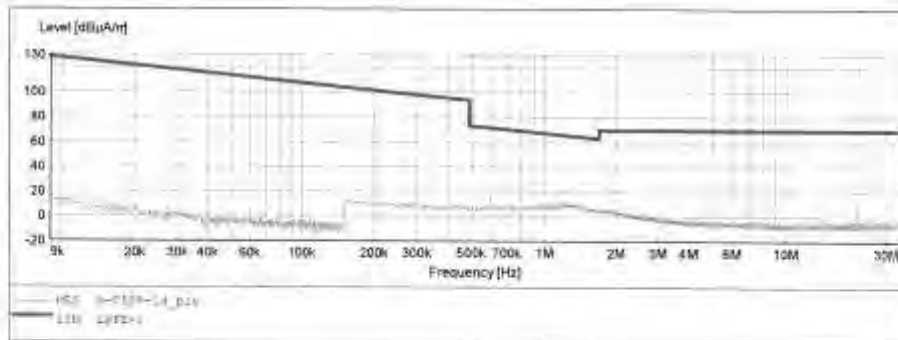


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: R/N:NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2441MHz
 Test Site: 14Shielding Room
 Operator: IAN
 Test Specification: DC 3V
 Comment: Y
 Start of Test: 2015-5-8 /

SCAN TABLE: "LPRE Fin"

Short Description:			SUB STD VTERM 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

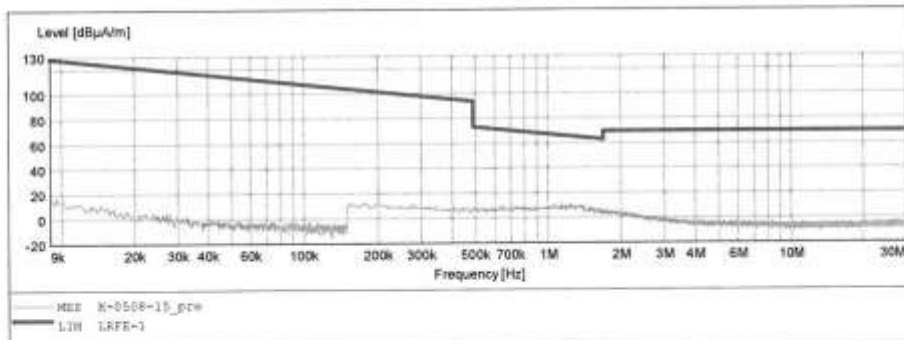


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EOT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2441MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 3V
 Comment: Z
 Start of Test: 2015-5-8 /

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

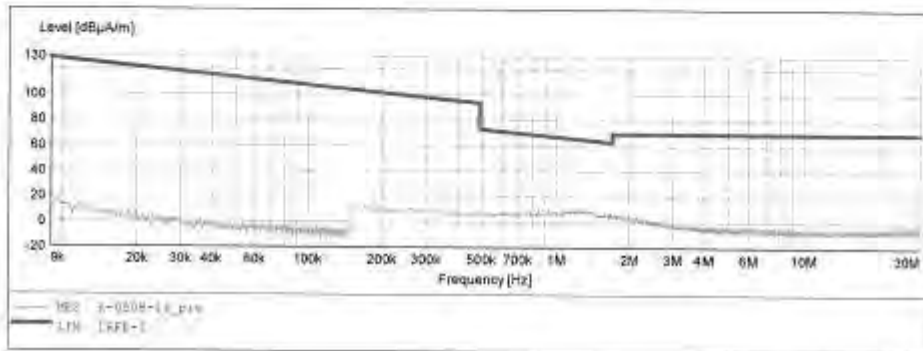


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2480MHz
 Test Site: 1#Shielding Room
 Operator: LAM
 Test Specification: DC 3V
 Comment: X
 Start of Test: 2015-5-8 /

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

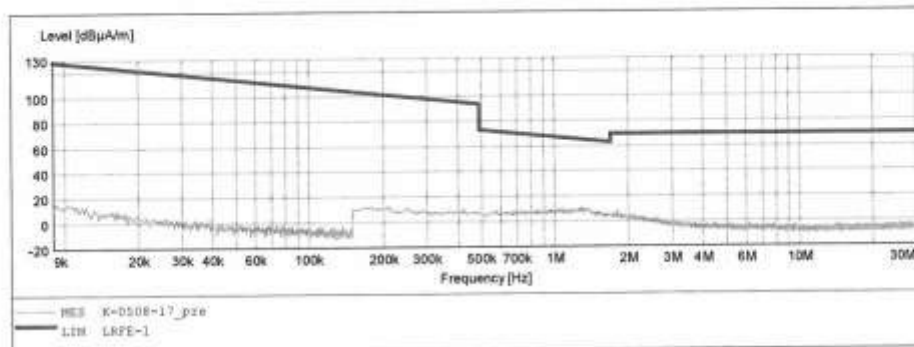


ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2480MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 3V
 Comment: Y
 Start of Test: 2015-5-8 /

SCAN TABLE: "LFRE Fin"

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



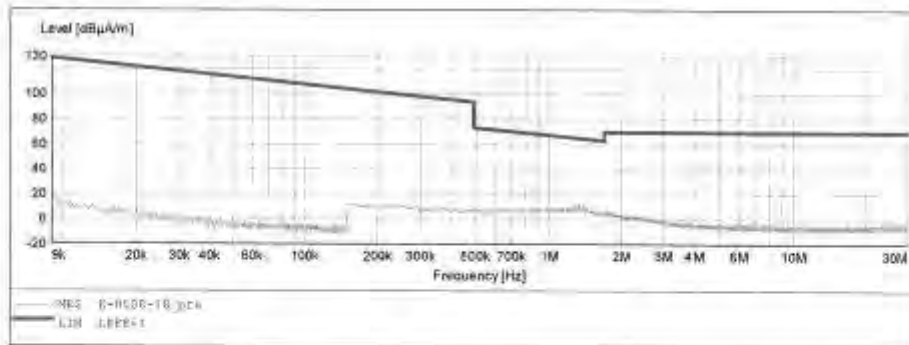
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2400MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 3V
 Comment: 3
 Start of Test: 2015-5-8 /

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.

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.: Jan2015 #1129

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 3V

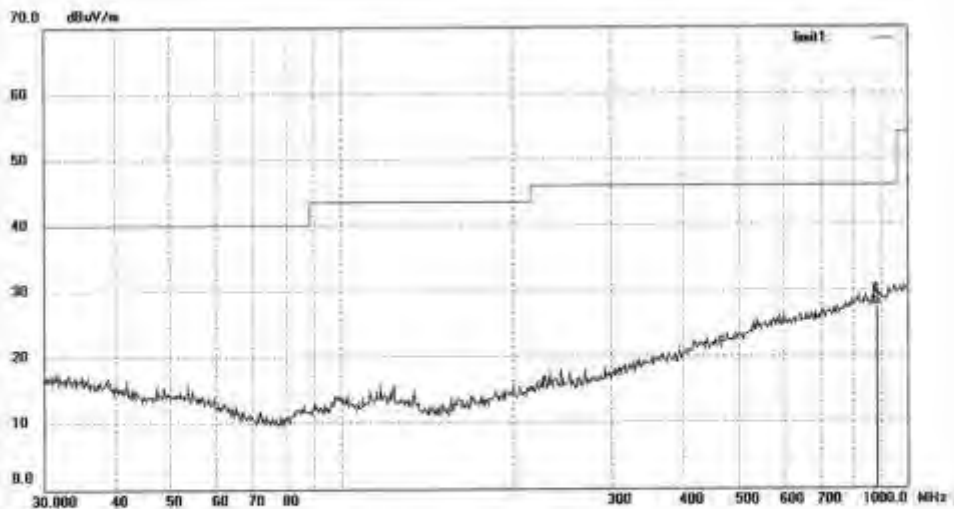
Date: 15/05/07

Time:

Engineer Signature:

Distance: 3m

Note



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	884.5028	26.24	1.20	27.44	46.00	-18.56	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #1130

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(°C)/Hum.(%) 23 °C / 45 %

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 3V

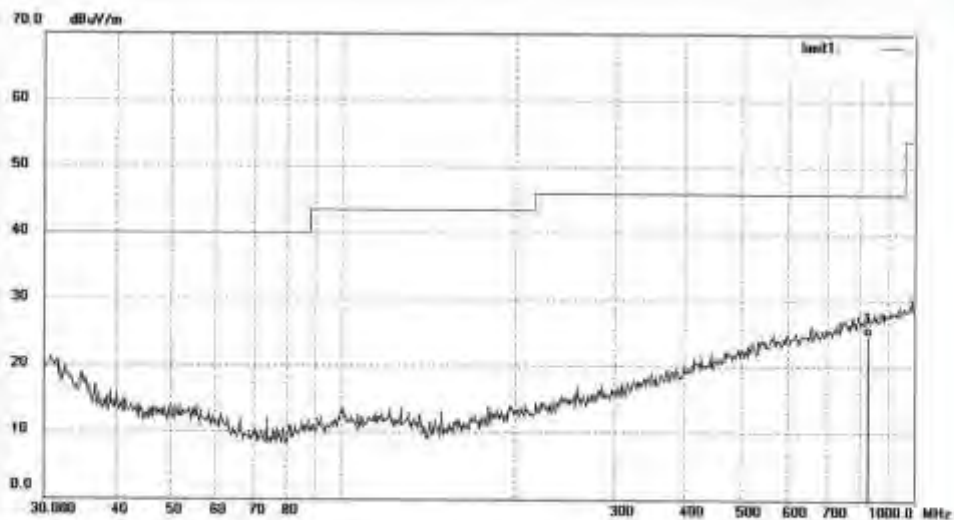
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	827.4933	24.37	0.48	24.85	46.00	-21.15	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #1131

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 3V

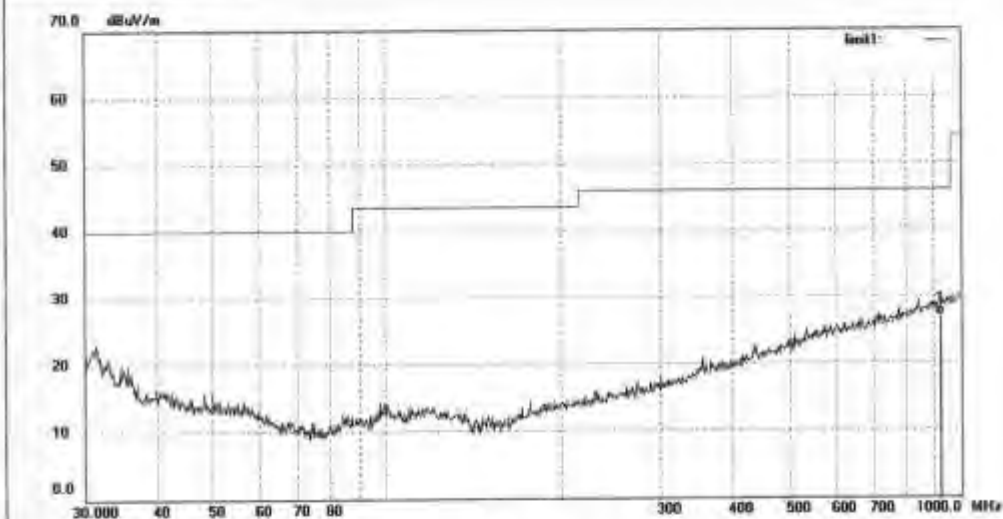
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	922.5157	25.29	1.65	26.94	46.00	-19.06	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1132

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 3V

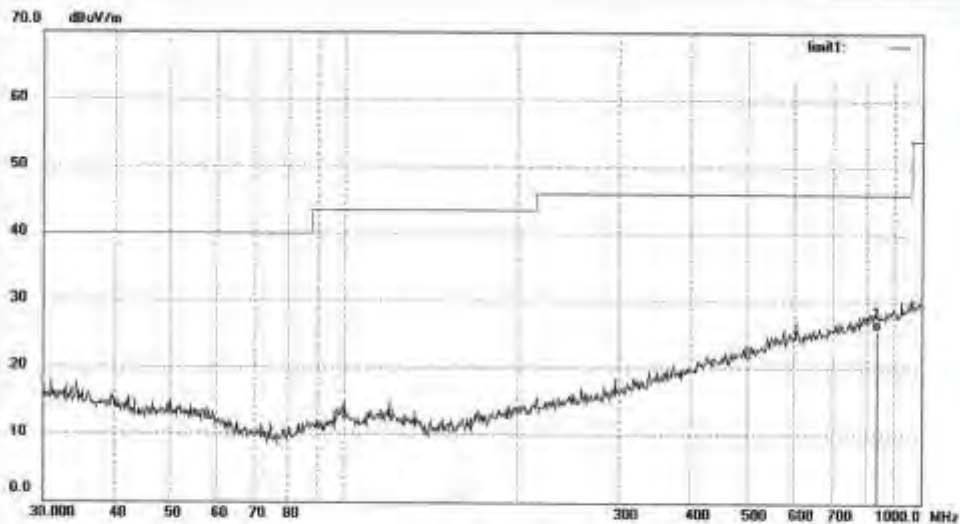
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	833.3170	25.16	0.59	25.75	46.00	-20.25	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

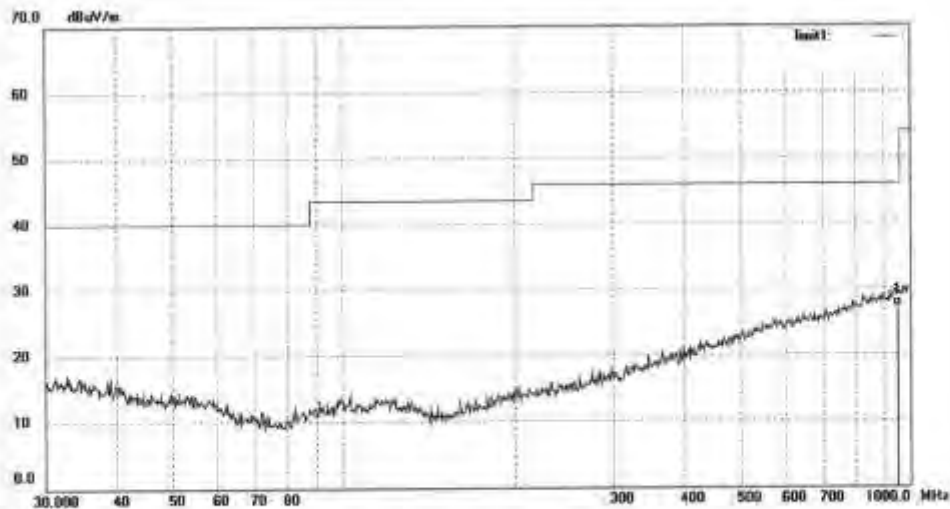
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #1133
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT:
Mode: TX 2480MHz
Model: NS-GXBOMRK101
Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal
Power Source: DC 3V
Date: 15/05/07/
Time:
Engineer Signature:
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	952.0937	24.81	2.21	27.02	46.00	-18.98	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Jan2015 #1134

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 3V

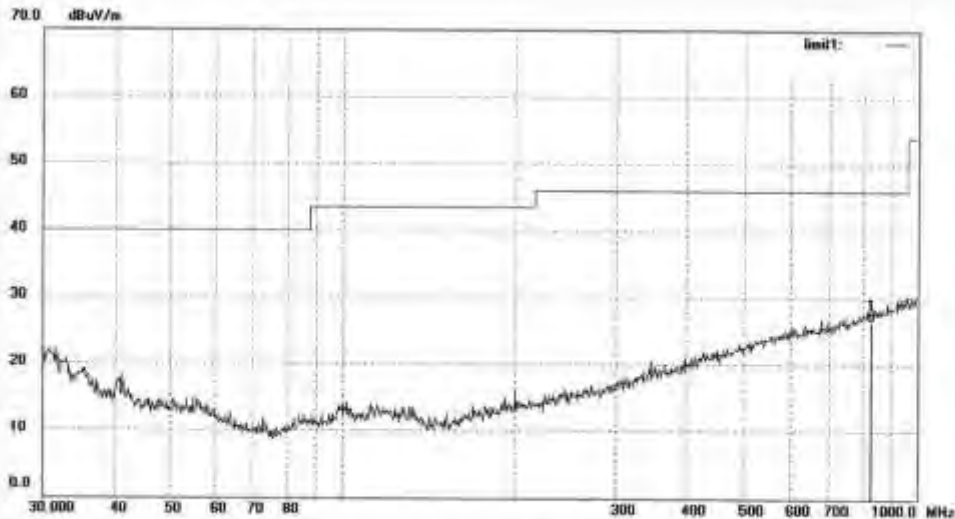
Date: 15/05/07/

Time

Engineer Signature:

Distance 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	827.4933	26.10	0.48	26.58	46.00	-19.42	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

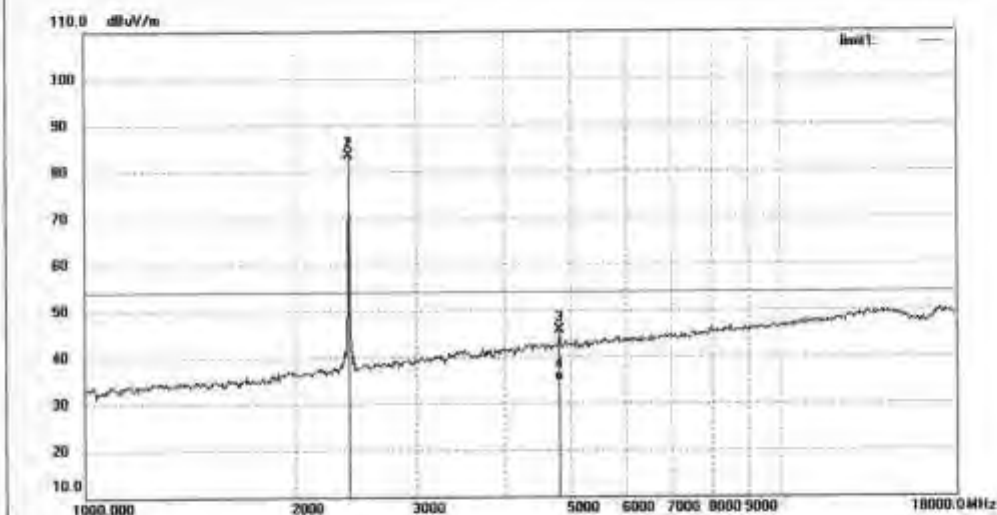
Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1058	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 15/05/06/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: NS-GXBOMRK101	
Manufacturer: THE ZEN FACTORY GROUP (ASIA)	

Note:



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	90.75	-7.45	83.30	/	/	peak			
2	2402.000	87.87	-7.45	80.42	/	/	AVG			
3	4804.010	46.04	-0.30	45.74	74.00	-28.26	peak			
4	4804.010	34.85	-0.30	34.55	54.00	-19.45	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Jan2015 #1059

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 3V

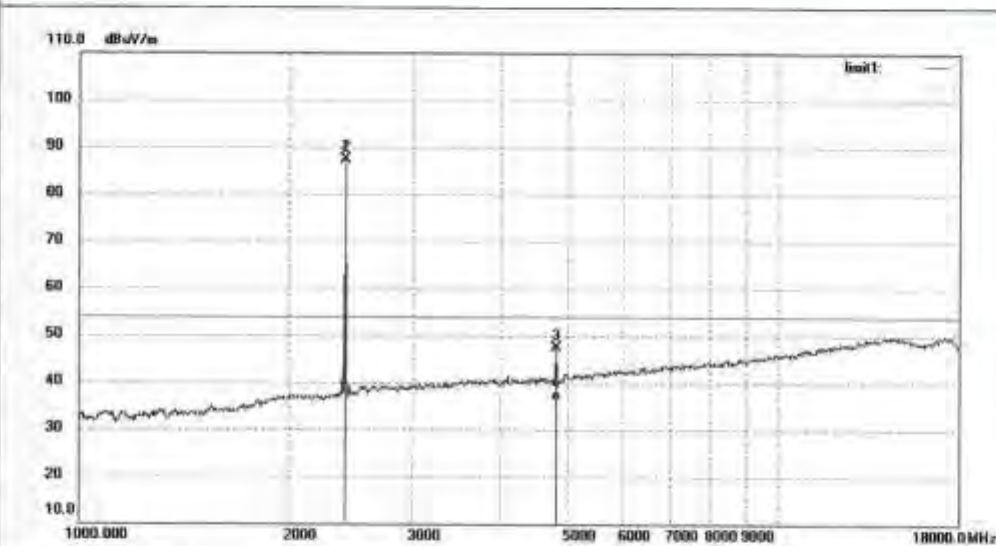
Date: 15/05/06/

Time:

Engineer Signature:

Distance: 3m

Note:



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	94.88	-7.45	87.43	/	/	peak			
2	2402.000	92.35	-7.45	84.90	/	/	AVG			
3	4804.011	47.57	-0.30	47.27	74.00	-26.73	peak			
4	4804.011	36.42	-0.30	36.12	54.00	-17.88	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax: +86-0755-26503396

Job No.: lan2015 #1063

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 3V

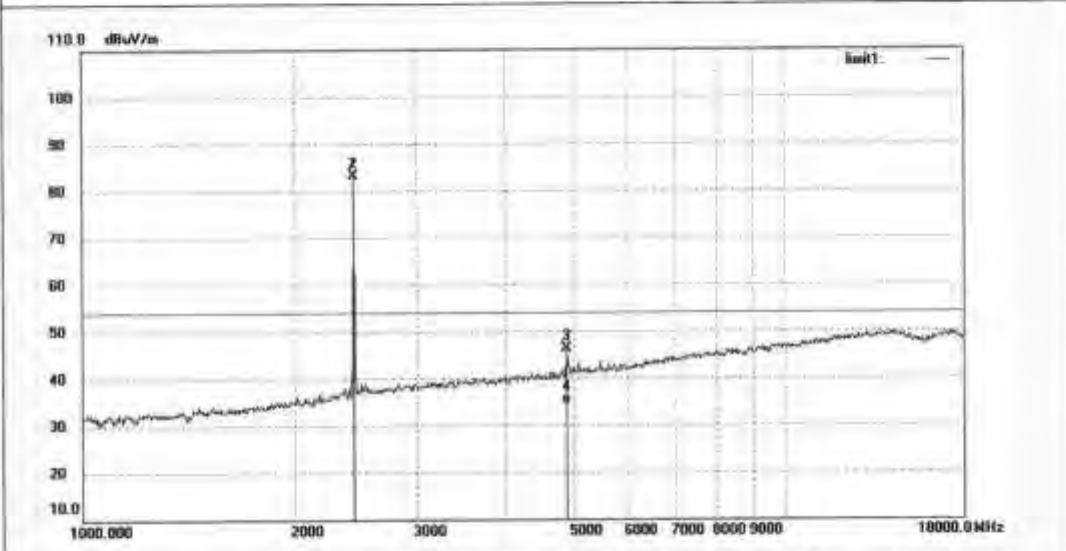
Date: 15/05/06/

Time:

Engineer Signature

Distance: 3m

Note:



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	90.36	-7.35	83.01	/	/	peak			
2	2441.000	87.79	-7.35	80.44	/	/	AVG			
3	4882.015	45.99	0.14	46.13	74.00	-27.87	peak			
4	4882.015	34.28	0.14	34.42	54.00	-19.58	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Jan2015 #1064

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 3V

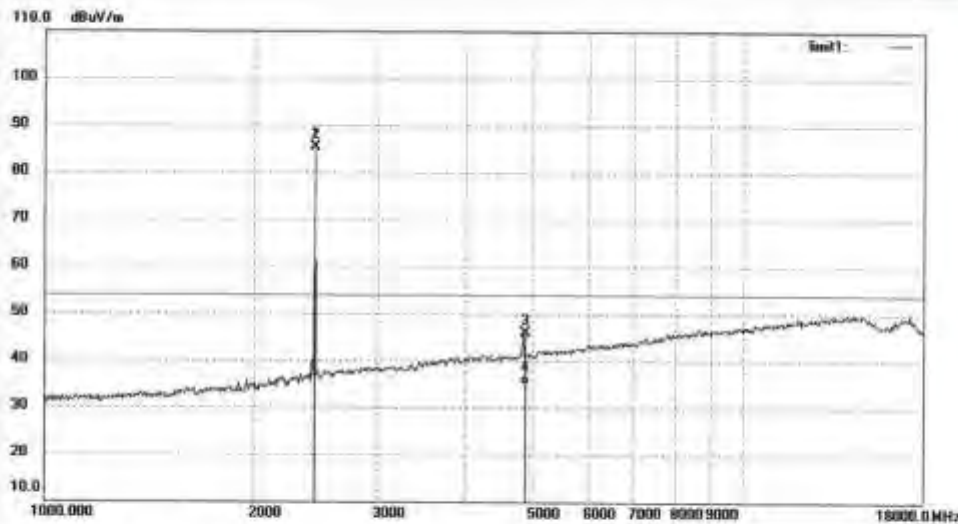
Date: 15/05/06/

Time:

Engineer Signature:

Distance: 3m

Note:



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	92.80	-7.35	85.45	/	/	peak			
2	2441.000	90.27	-7.35	82.92	/	/	AVG			
3	4882.028	45.72	0.14	45.86	74.00	-28.14	peak			
4	4882.028	34.64	0.14	34.78	54.00	-19.22	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #1065

Standard: FCC Class B 3M Radiated

Test Item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 3V

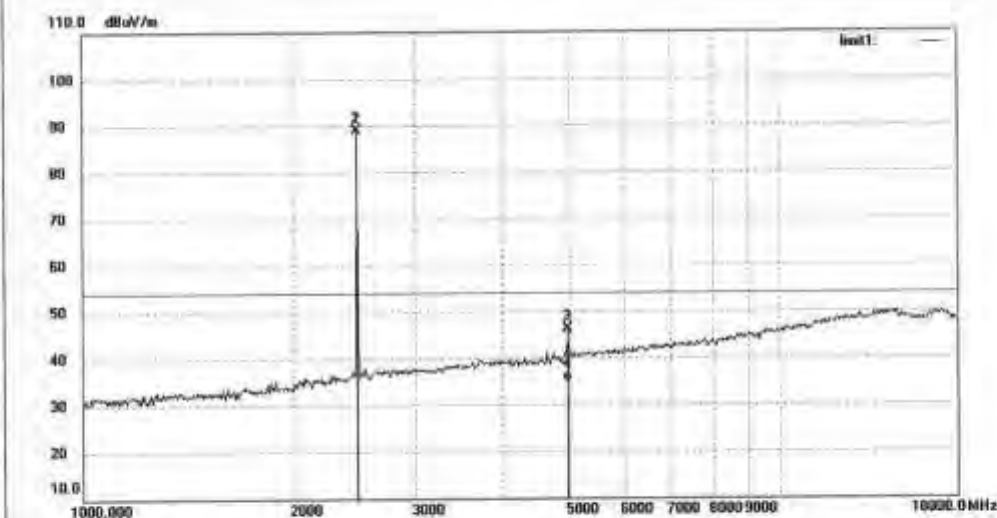
Date: 15/05/06/

Time:

Engineer Signature:

Distance: 3m

Note:



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	96.15	-7.37	88.78	/	/	peak			
2	2480.000	93.75	-7.37	86.38	/	/	AVG			
3	4960.033	45.64	0.52	46.16	74.00	-27.84	peak			
4	4960.033	34.32	0.52	34.84	54.00	-19.16	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #1066

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 3V

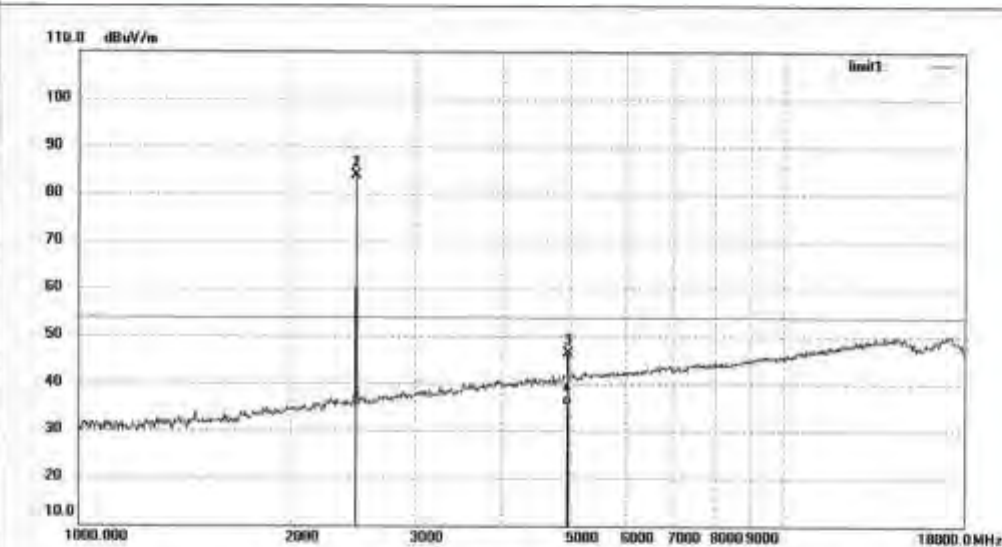
Date: 15/05/06/

Time:

Engineer Signature:

Distance: 3m

Note:



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	91.20	-7.37	83.83	/	/	peak			
2	2480.000	88.79	-7.37	81.42	/	/	AVG			
3	4960.013	45.80	0.52	46.32	74.00	-27.68	peak			
4	4960.013	34.75	0.52	35.27	54.00	-18.73	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

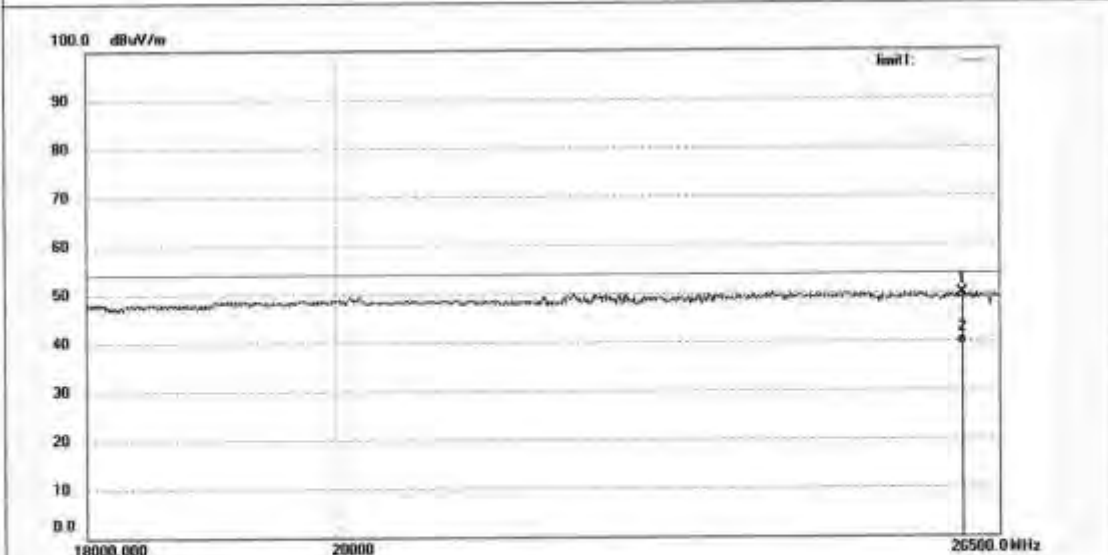
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No. lan2015 #1099	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 15/05/07/
Temp.(C)/Hum.(%) 23 C / 48 %	Time
EUT	Engineer Signature
Mode: TX 2402MHz	Distance: 3m
Model: NS-GXBOMRK101	
Manufacturer: THE ZEN FACTORY GROUP (ASIA)	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26103.270	33.23	16.50	49.73	74.00	-24.27	peak			
2	26103.270	22.45	16.50	38.95	54.00	-15.05	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

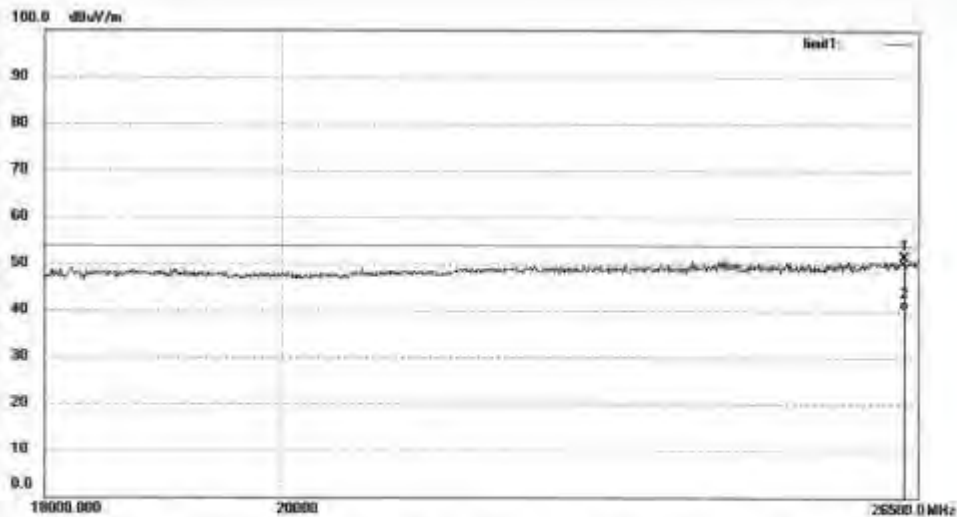
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #1100	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 15/05/07/
Temp (C)/Hum.(%) 23 C / 48 %	Time:
EUT	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: NS-GXBOMRK101	
Manufacturer: THE ZEN FACTORY GROUP (ASIA)	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26346.703	34.97	16.50	51.47	74.00	-22.53	peak			
2	26346.703	23.57	16.50	40.07	54.00	-13.93	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #1101

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 3V

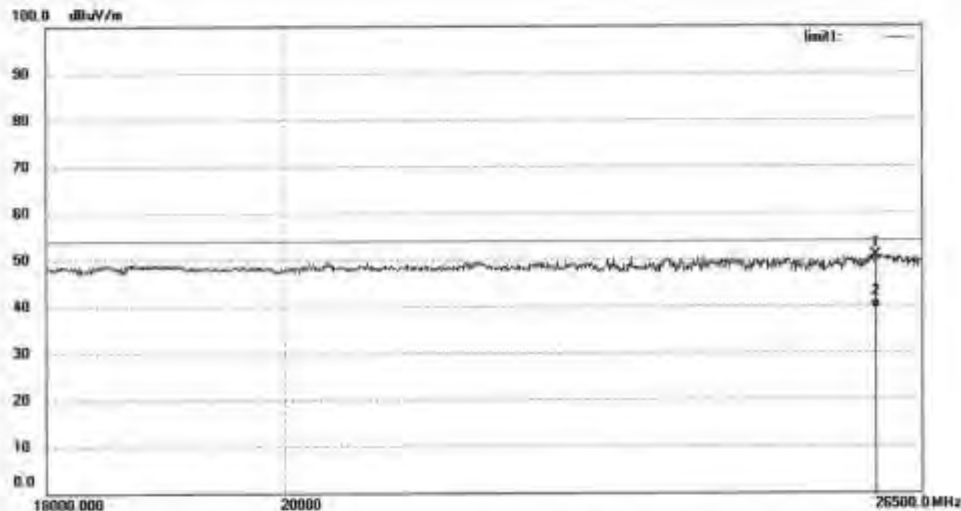
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25972.351	34.20	16.50	50.70	74.00	-23.30	peak			
2	25972.351	22.68	16.50	39.18	54.00	-14.82	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

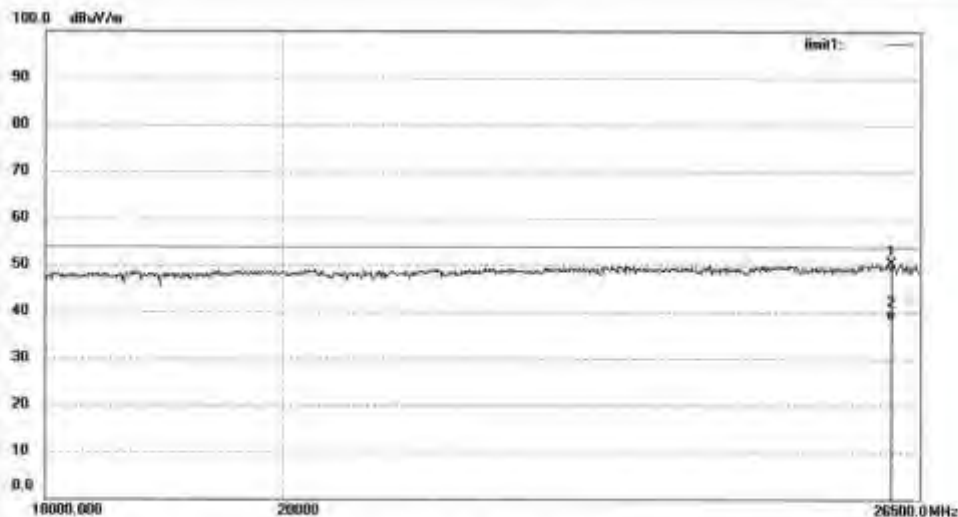
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Jan2015 #1102	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 15/05/07/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT:	Engineer Signature
Mode: TX 2441MHz	Distance: 3m
Model: NS-GXBOMRK101	
Manufacturer: THE ZEN FACTORY GROUP (ASIA)	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26163.916	33.95	16.50	50.45	74.00	-23.55	peak			
2	26163.916	21.88	16.50	38.38	54.00	-15.62	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1103

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 3V

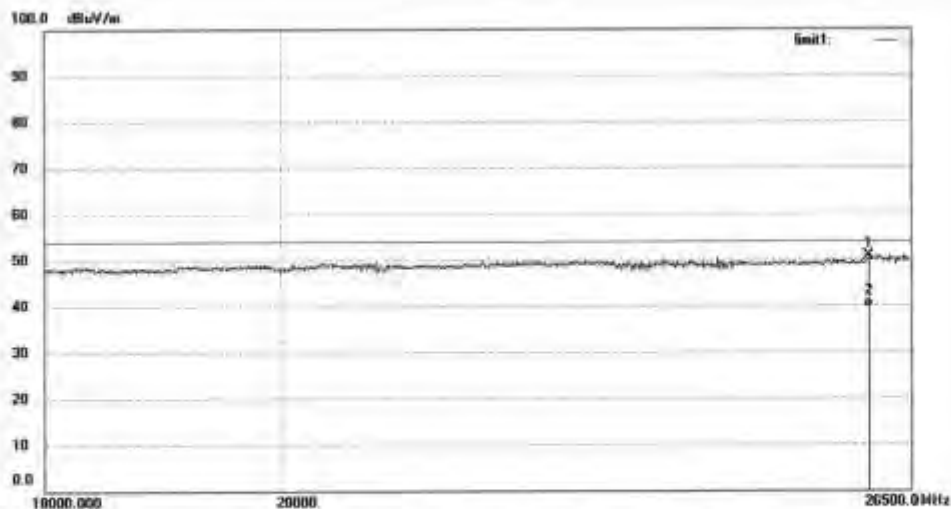
Date: 15/05/07/

Time:

Engineer Signature

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26022.626	34.25	16.50	50.75	74.00	-23.25	peak			
2	26022.626	22.93	16.50	39.43	54.00	-14.57	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

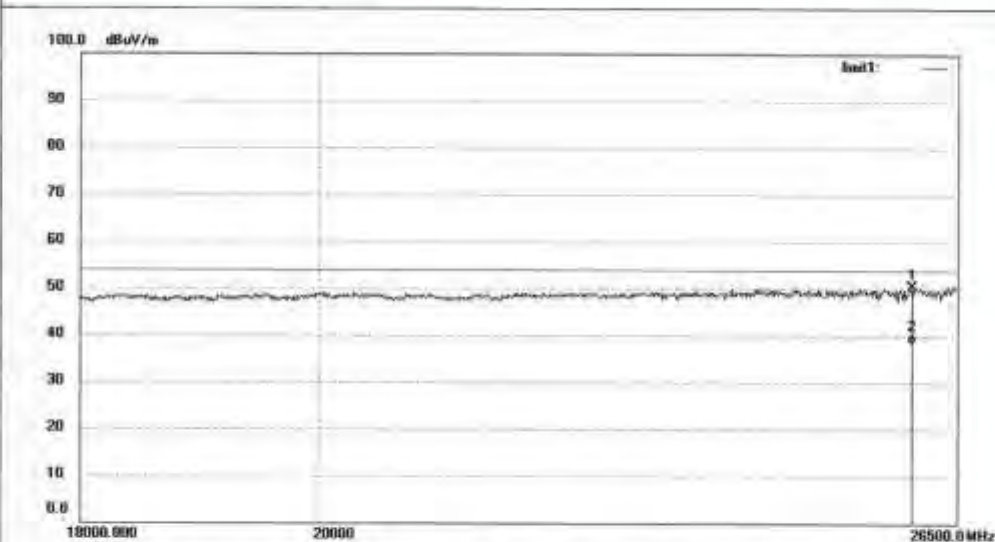
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #1104	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 15/05/07/
Temp.(C)/Hum.(%) 23 C / 48 %	Time
EUT:	Engineer Signature:
Mode: TX 2480MHz	Distance: 3m
Model: NS-GXBOMRK101	
Manufacturer: THE ZEN FACTORY GROUP (ASIA)	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25982.398	33.90	16.50	50.40	74.00	-23.60	peak			
2	25982.398	21.86	16.50	38.36	54.00	-15.64	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503280

Fax: +86-0755-26503396

Job No.: Jan2015 #1060

Standard: FCC Part 15 Band Edge (2.4G)

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 3V

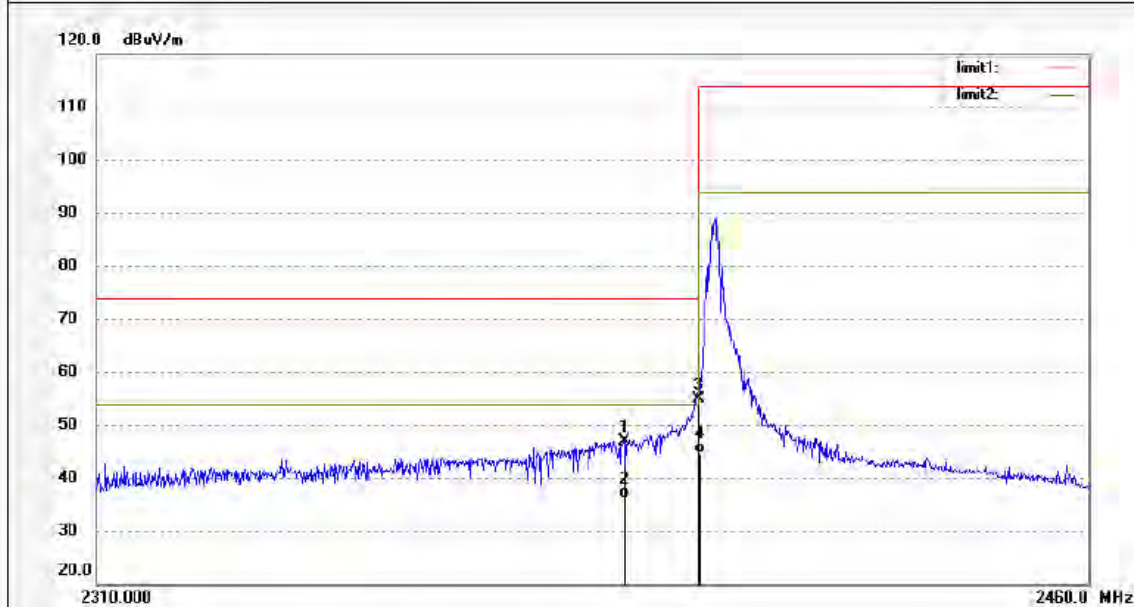
Date: 15/05/08/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2388.600	54.34	-7.54	46.80	74.00	-27.20	peak			
2	2388.600	43.73	-7.54	36.19	54.00	-17.81	AVG			
3	2400.000	62.40	-7.46	54.94	74.00	-19.06	peak			
4	2400.000	51.97	-7.46	44.51	54.00	-9.49	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-28503290

Fax: +86-0755-28503396

Job No.: Ian2015 #1081

Standard: FCC Part 15 Band Edge (2.4G)

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 3V

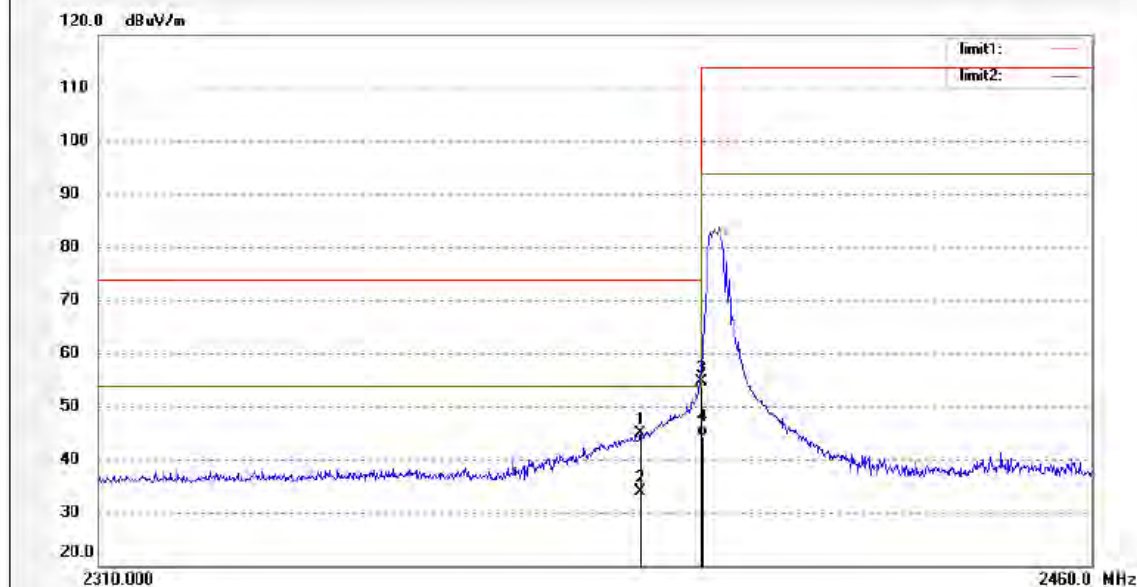
Date: 15/05/06/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.850	52.41	-7.52	44.89	74.00	-29.11	peak			
2	2390.850	41.38	-7.52	33.86	74.00	-40.14	AVG			
3	2400.000	62.21	-7.46	54.75	74.00	-19.25	peak			
4	2400.000	51.75	-7.46	44.29	54.00	-9.71	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-28503290

Fax: +86-0755-28503386

Job No.: Ian2015 #1088

Standard: FCC Part 15 Band Edge (2.4G)

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 3V

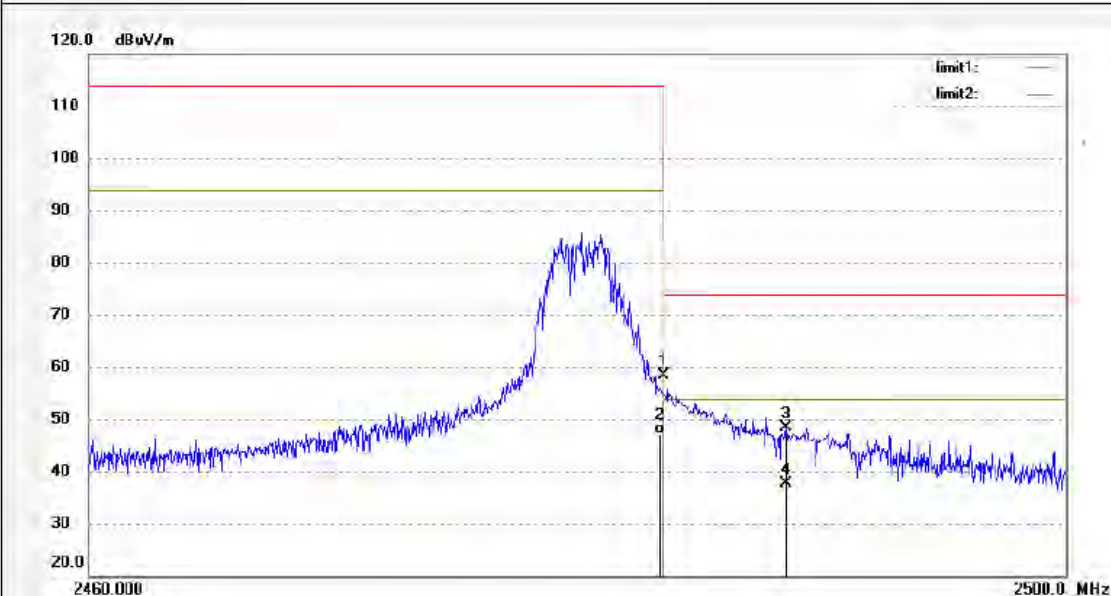
Date: 15/05/08/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	85.73	-7.37	58.36	74.00	-15.64	peak			
2	2483.500	54.44	-7.37	47.07	54.00	-8.93	AVG			
3	2488.520	55.85	-7.38	48.47	74.00	-25.53	peak			
4	2488.520	44.91	-7.38	37.53	74.00	-36.47	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: lan2015 #1087

Standard: FCC Part 15 Band Edge (2.4G)

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 3V

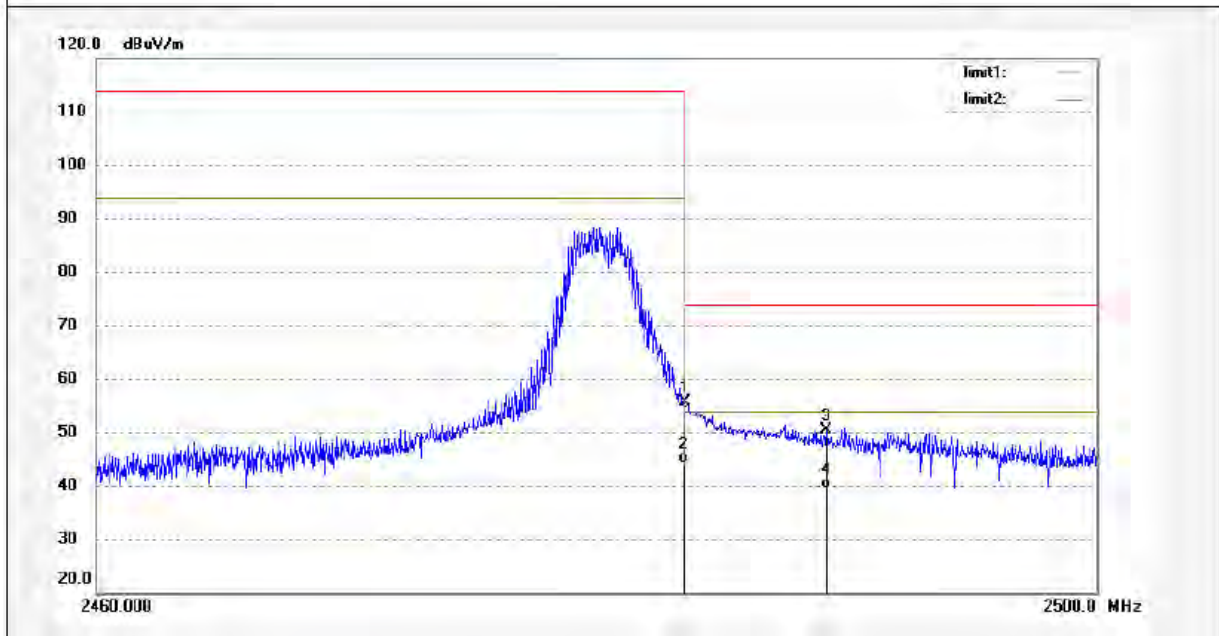
Date: 15/05/06/

Time:

Engineer Signature:

Distance: 3m

Note:



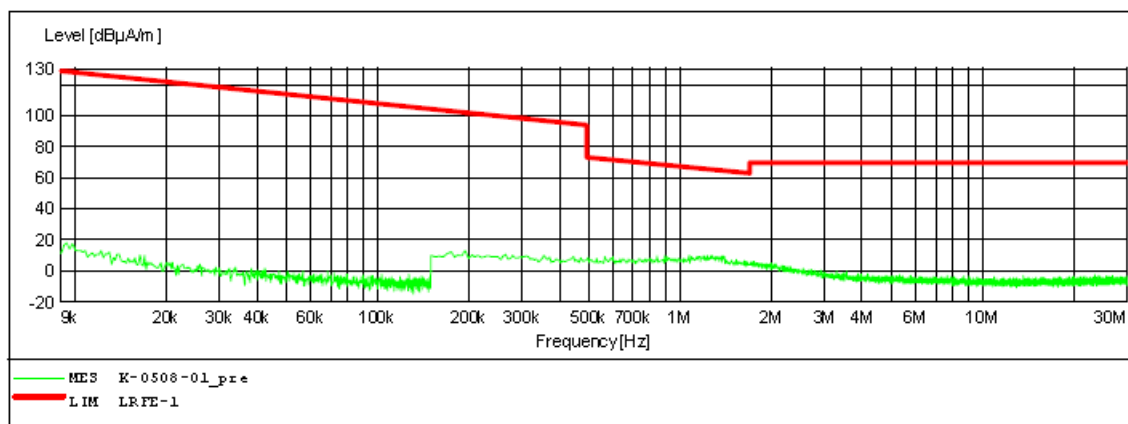
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	82.88	-7.37	55.51	74.00	-18.49	peak			
2	2483.500	51.45	-7.37	44.08	54.00	-9.92	AVG			
3	2489.160	57.84	-7.39	50.45	74.00	-23.55	peak			
4	2489.160	48.76	-7.39	39.37	54.00	-14.63	AVG			

Test Plots of Radiated spurious emissions outside band-Dongle
ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2402MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 5V
 Comment: X
 Start of Test: 2015-5-8 /

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

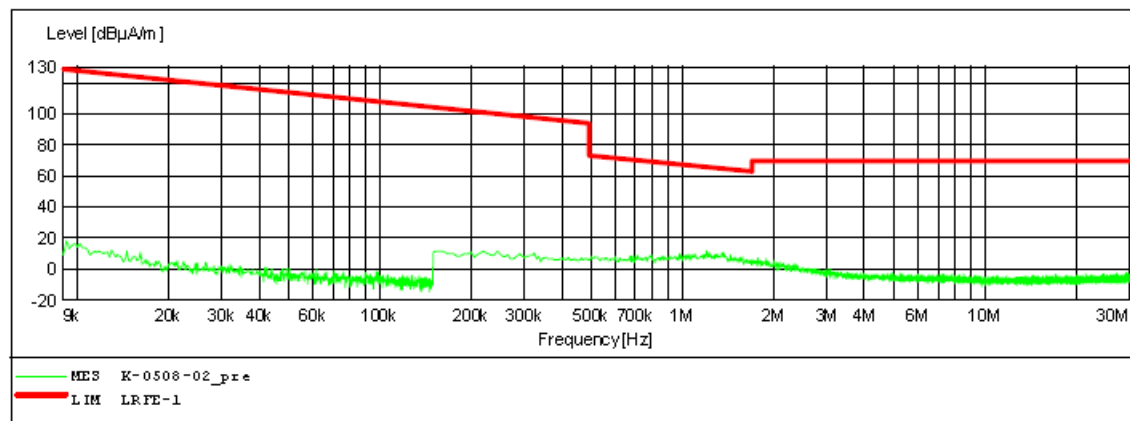


ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2402MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 5V
 Comment: Y
 Start of Test: 2015-5-8 /

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

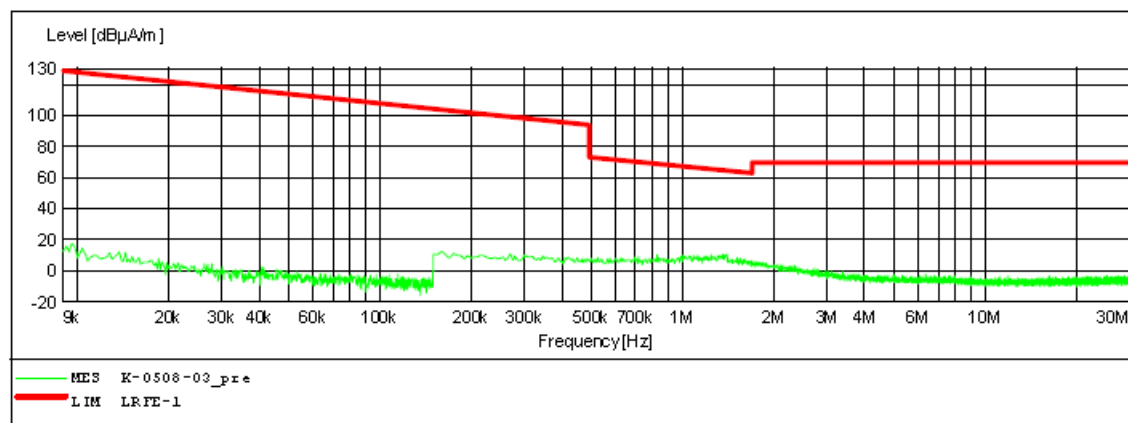


ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2402MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 5V
 Comment: Z
 Start of Test: 2015-5-8 /

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

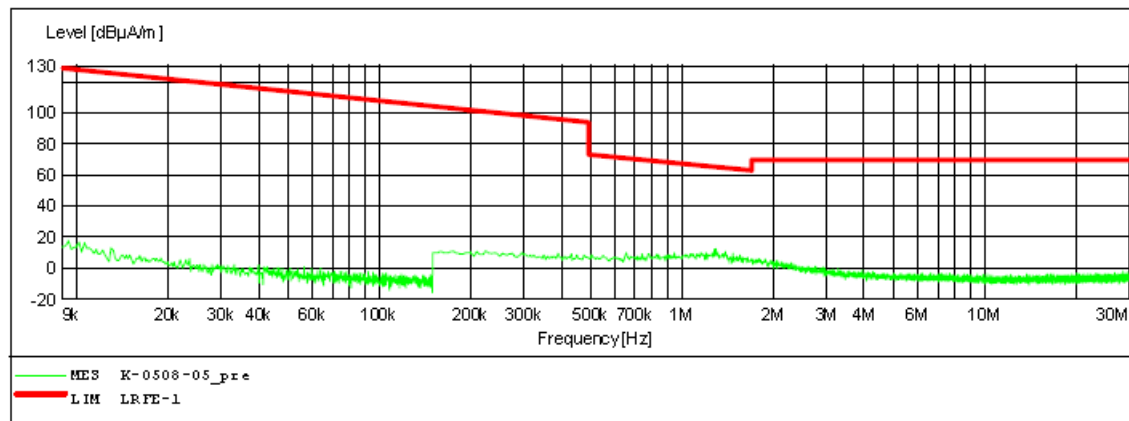


ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2441MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 5V
 Comment: Y
 Start of Test: 2015-5-8 /

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

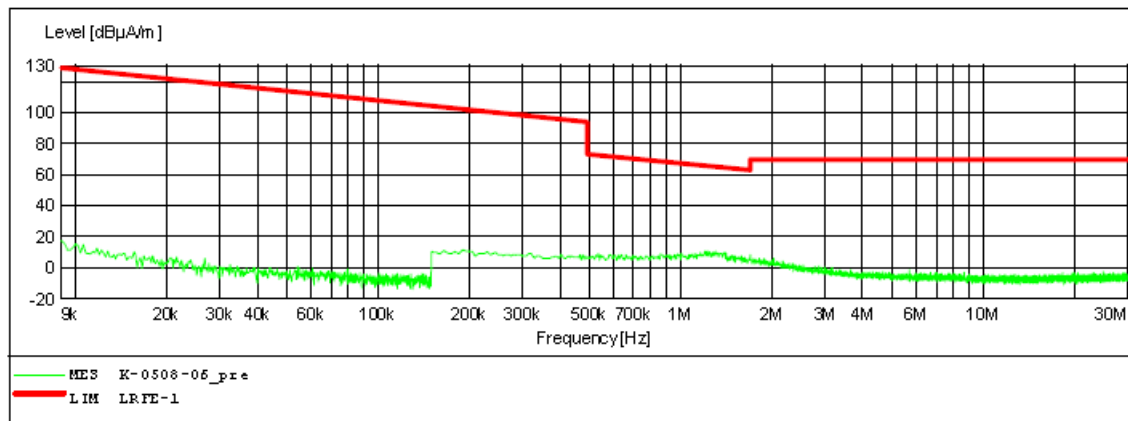


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2441MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 5V
 Comment: Z
 Start of Test: 2015-5-8 /

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

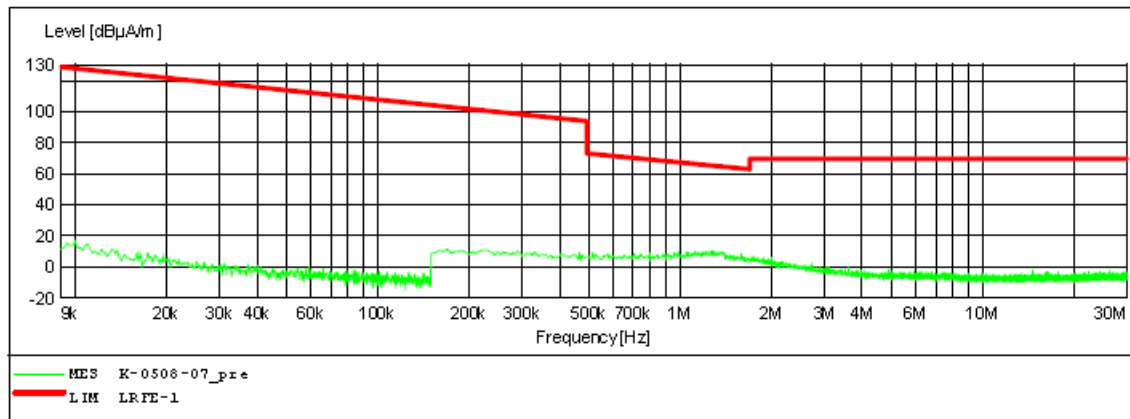


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2480MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 5V
 Comment: X
 Start of Test: 2015-5-8 /

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

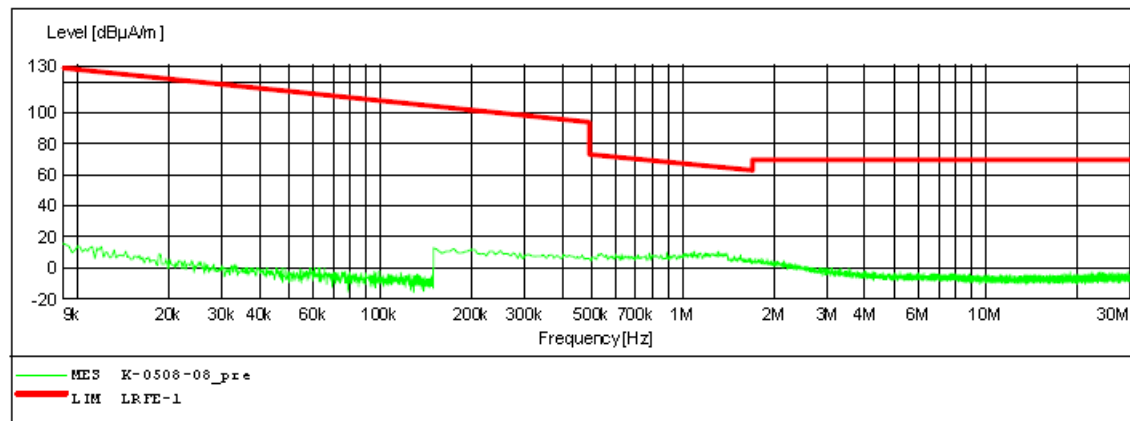


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2480MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 5V
 Comment: Y
 Start of Test: 2015-5-8 /

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



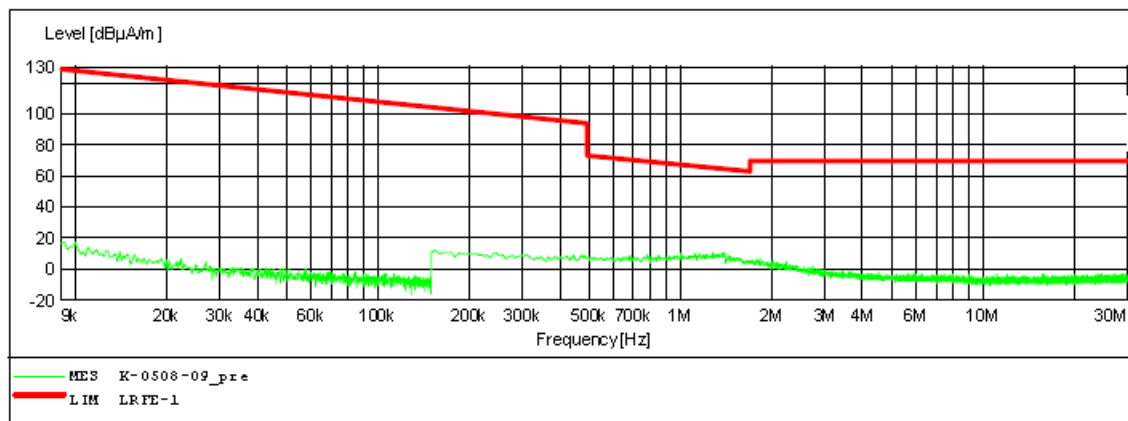
ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: M/N: NS-GXBOMRK101
 Manufacturer: THE ZEN FACTORY GROUP (ASIA)
 Operating Condition: TX 2480MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: DC 5V
 Comment: Z
 Start of Test: 2015-5-8 /

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70		
Start	Stop	Step	Detector	Meas. Time	IF Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz

Transducer 1516M




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:+86-0755-26503280

Fax:+86-0755-26503396

Job No.: lah2015 #1123

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

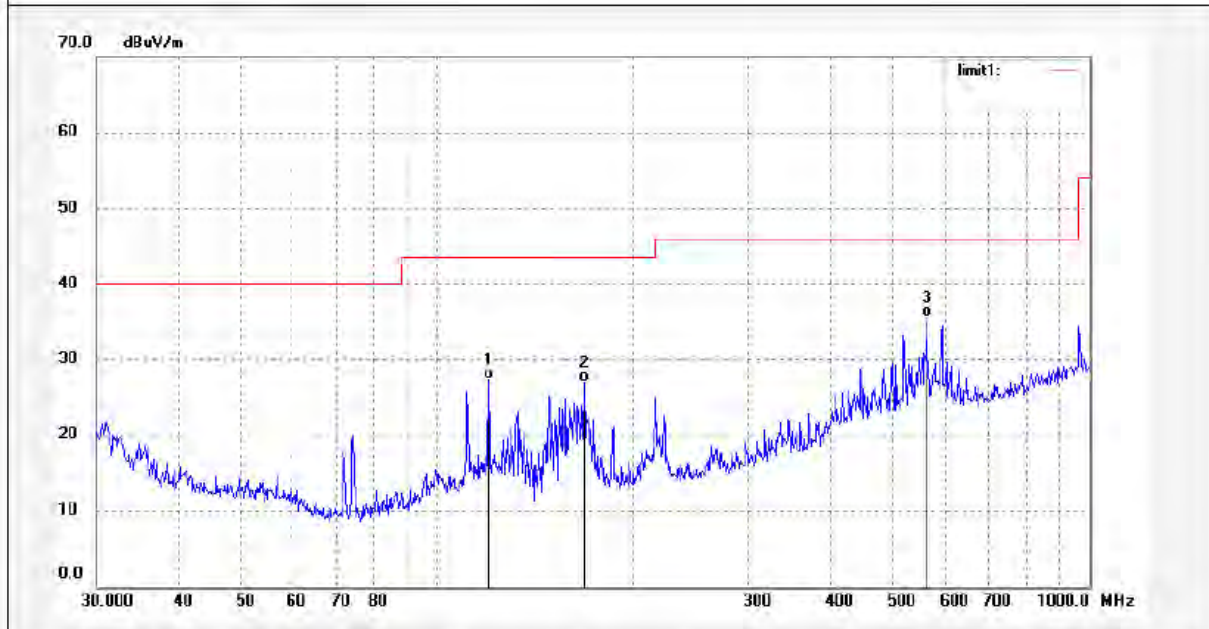
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	119.8555	40.59	-13.15	27.44	43.50	-16.06	QP			
2	187.8241	41.12	-14.02	27.10	43.50	-16.40	QP			
3	582.8824	39.05	-3.42	35.63	46.00	-10.37	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503398

Job No.: Jan2015 #1124

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 5V

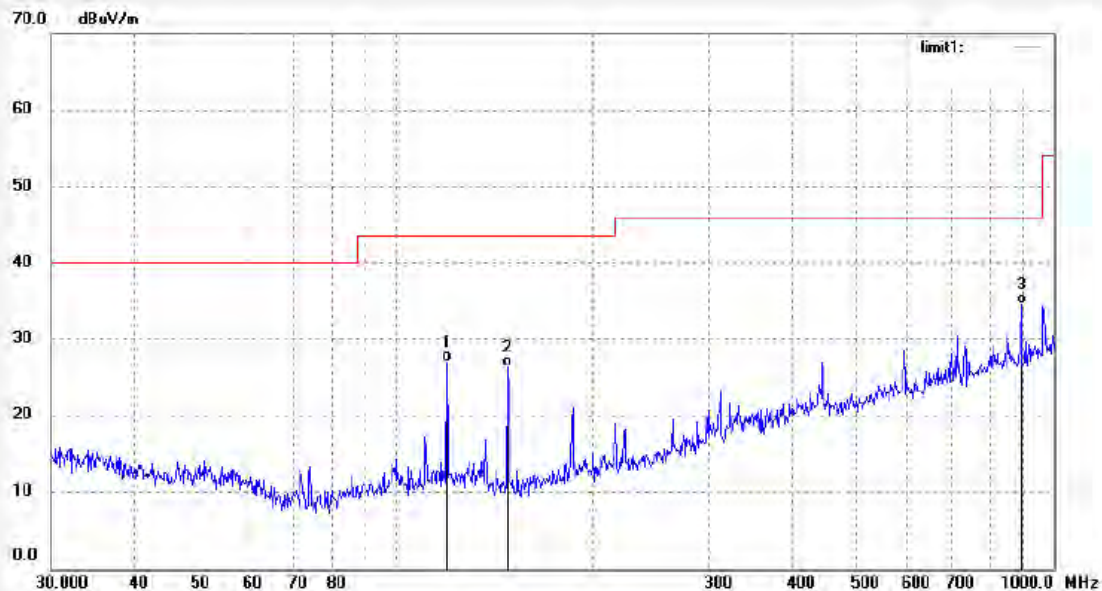
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	119.8555	40.25	-13.15	27.10	43.50	-16.40	QP			
2	147.9214	41.49	-15.19	26.30	43.50	-17.20	QP			
3	893.8587	33.23	1.26	34.49	46.00	-11.51	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503398

Job No.: lan2015 #1125

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/05/07/

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

Time:

EUT:

Engineer Signature:

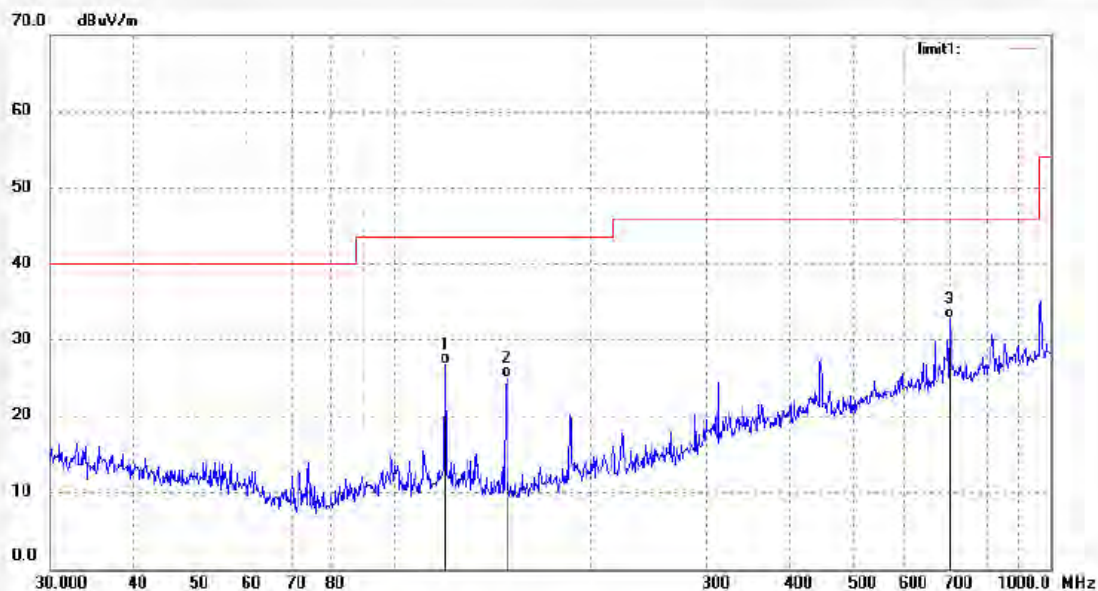
Mode: TX 2441MHz

Distance: 3m

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	119.8555	40.10	-13.15	26.95	43.50	-16.55	QP			
2	148.4410	40.27	-15.18	25.09	43.50	-18.41	QP			
3	701.7609	34.45	-1.72	32.73	46.00	-13.27	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: lan2015 #1128

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

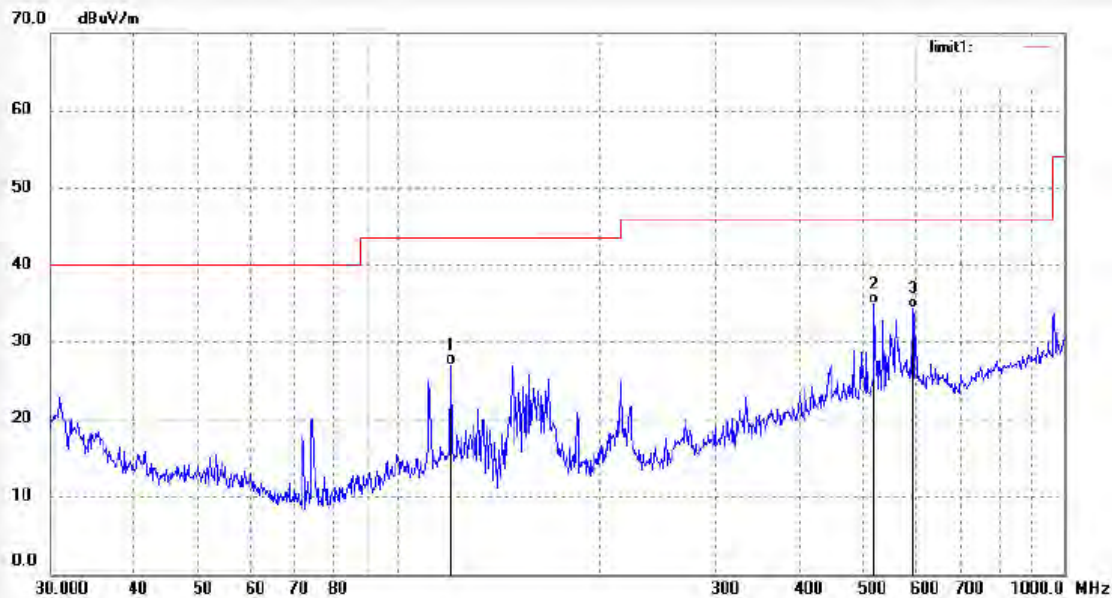
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	119.8555	40.25	-13.15	27.10	43.50	-16.40	QP			
2	519.0647	39.24	-4.36	34.88	46.00	-11.12	QP			
3	593.0497	37.39	-3.03	34.36	46.00	-11.64	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503398

Job No.: Jan2015 #1127

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

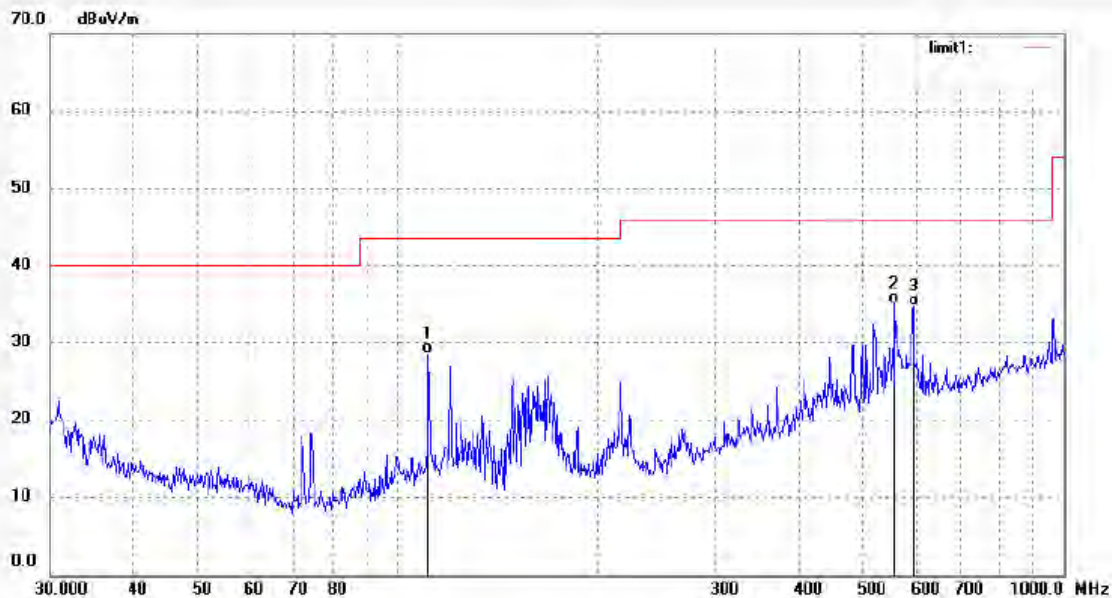
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	110.9570	42.37	-13.75	28.62	43.50	-14.88	QP			
2	556.7744	38.55	-3.48	35.07	46.00	-10.93	QP			
3	595.1327	37.84	-3.02	34.82	46.00	-11.18	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Ian2015 #1128

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 15/05/07/

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

Time:

EUT:

Engineer Signature:

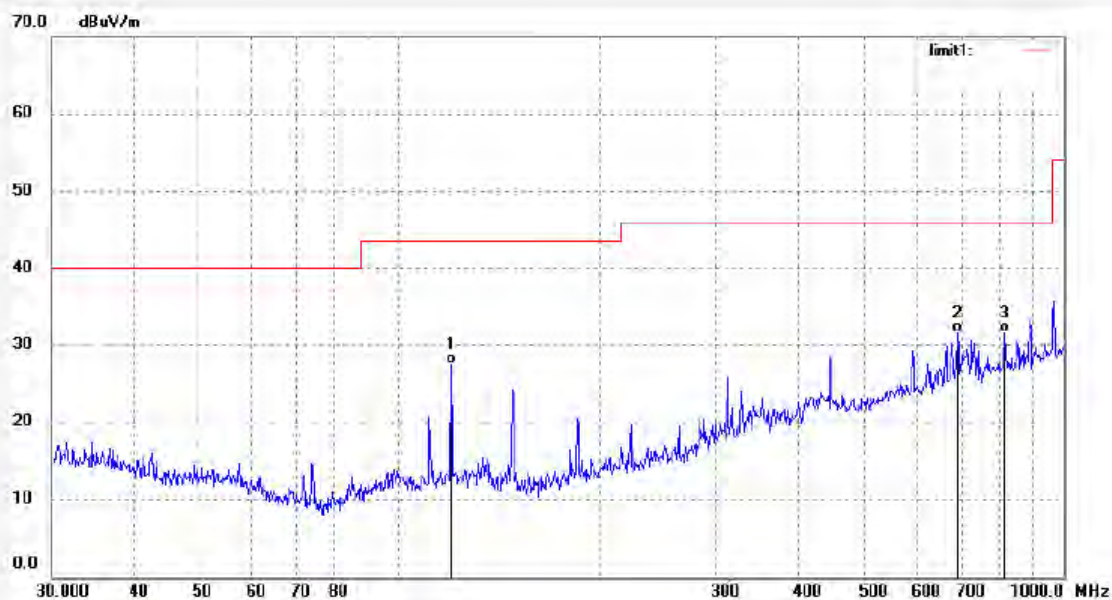
Mode: TX 2480MHz

Distance: 3m

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	119.8555	40.70	-13.15	27.55	43.50	-15.95	QP			
2	691.9867	33.43	-1.90	31.53	46.00	-14.47	QP			
3	815.9678	31.28	0.27	31.55	46.00	-14.45	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Jan2015 #1069

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

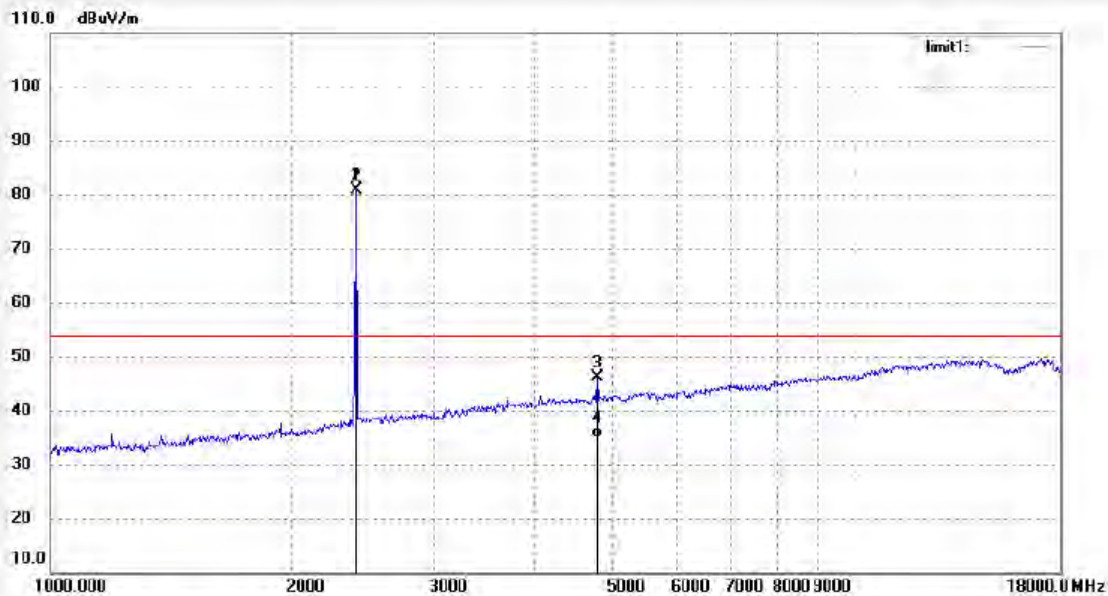
Date: 15/05/07/

Time:

Engineer Signature

Distance: 3m

Note:



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	88.30	-7.45	80.85	/	/	peak			
2	2402.000	88.45	-7.45	79.00	/	/	AVG			
3	4804.025	46.43	-0.30	46.13	74.00	-27.87	peak			
4	4804.025	35.12	-0.30	34.82	54.00	-19.18	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: lan2015 #1070

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 5V

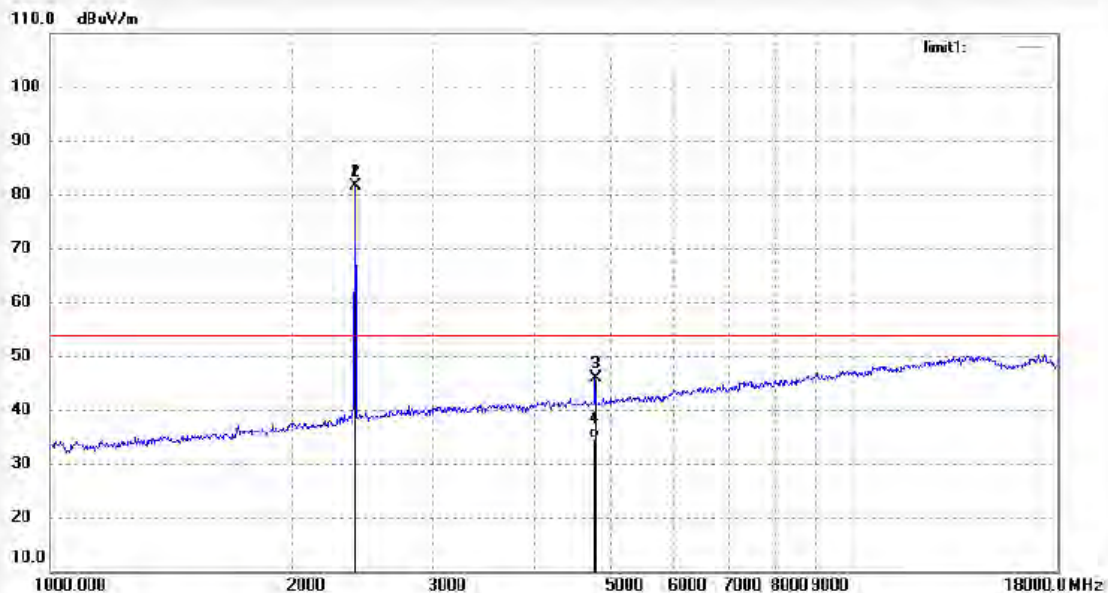
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



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	89.08	-7.45	81.63	/	/	peak			
2	2402.000	86.48	-7.45	79.01	/	/	AVG			
3	4804.019	46.10	-0.30	45.80	74.00	-28.20	peak			
4	4804.019	35.04	-0.30	34.74	54.00	-19.26	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax: +86-0755-26503396

Job No.: lan2015 #1073

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

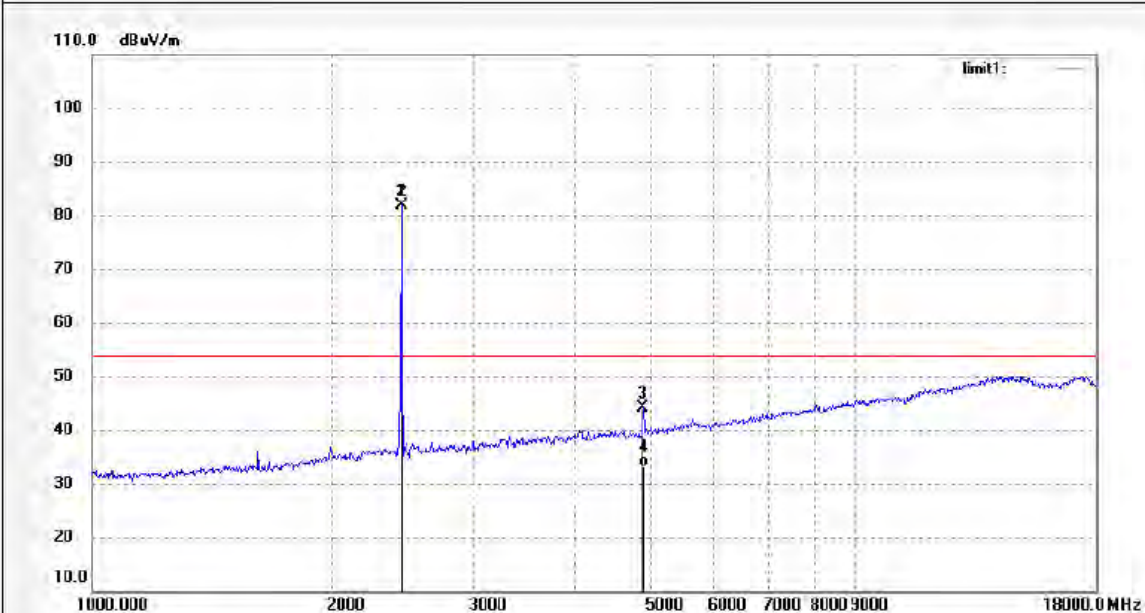
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



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	89.13	-7.35	81.78	/	/	peak			
2	2441.000	88.57	-7.35	79.22	/	/	AVG			
3	4882.023	44.11	0.14	44.25	74.00	-29.75	peak			
4	4882.023	33.04	0.14	33.18	54.00	-20.82	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-28503290

Fax: +86-0755-28503398

Job No.: Jan2015 #1074

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 5V

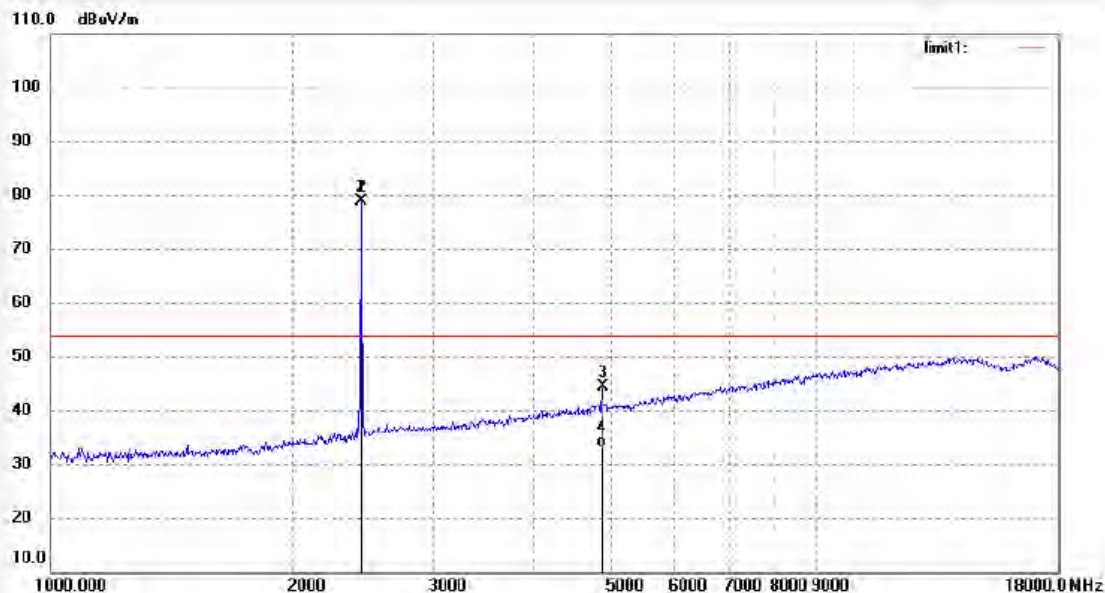
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



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	86.35	-7.35	79.00	/	/	peak			
2	2441.000	84.60	-7.35	77.25	/	/	AVG			
3	4882.015	44.20	0.14	44.34	74.00	-29.66	peak			
4	4882.015	33.04	0.14	33.18	54.00	-20.82	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1075

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 5V

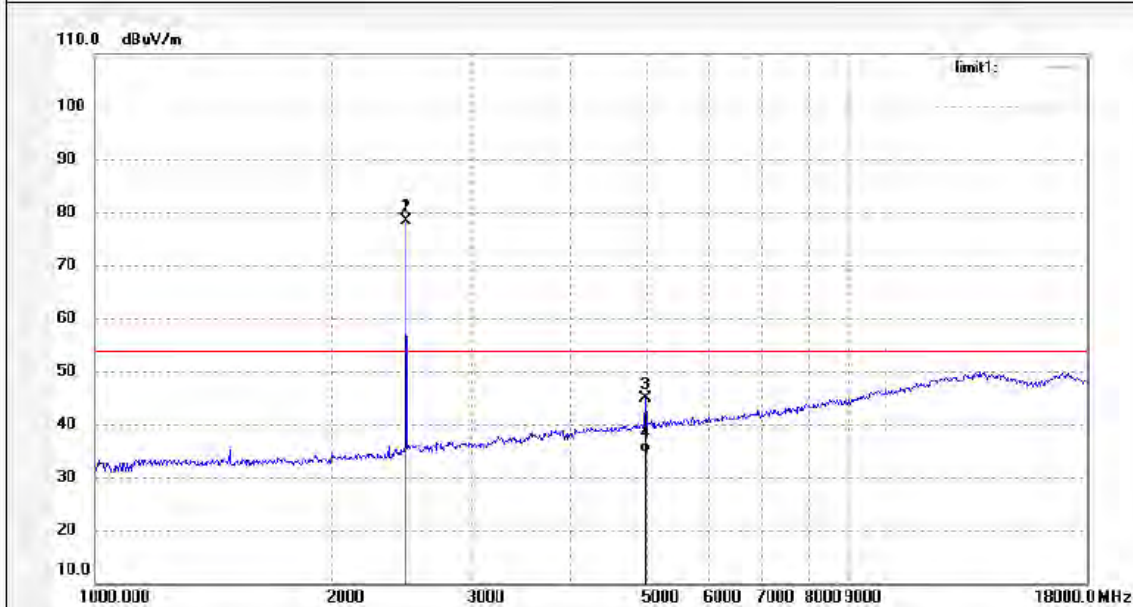
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



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	85.84	-7.37	78.47	/	/	peak			
2	2480.000	83.44	-7.37	76.07	/	/	AVG			
3	4980.017	44.41	0.52	44.93	74.00	-29.07	peak			
4	4980.017	34.17	0.52	34.69	54.00	-19.31	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Jan2015 #1076

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

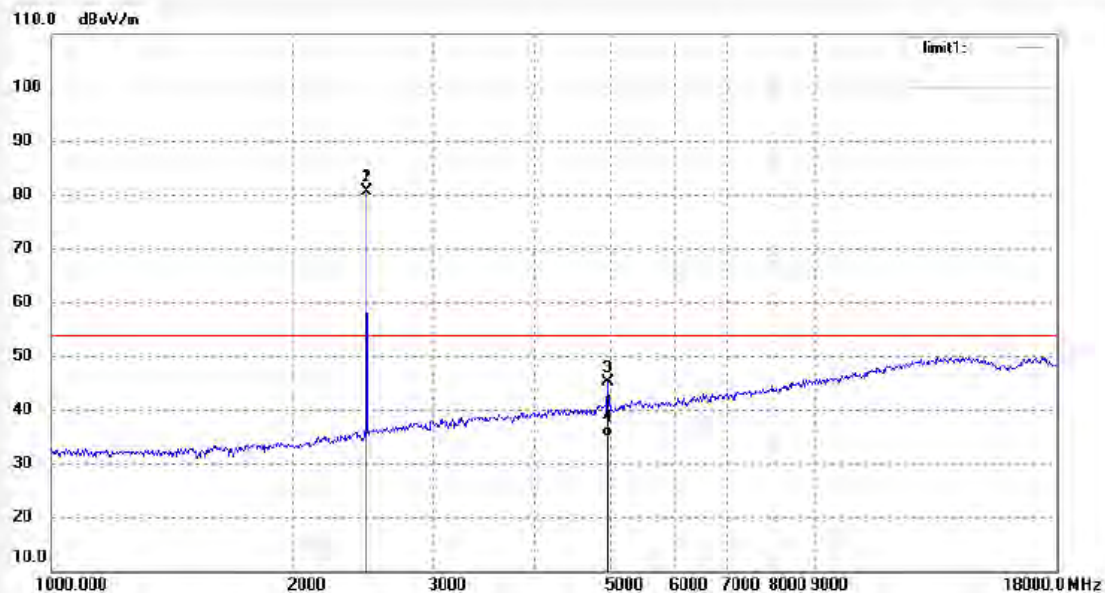
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



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	88.11	-7.37	80.74	/	/	peak			
2	2480.000	86.51	-7.37	79.14	/	/	AVG			
3	4950.031	44.56	0.47	45.03	74.00	-28.97	peak			
4	4950.031	34.53	0.47	35.00	54.00	-19.00	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503280

Fax: +86-0755-26503396

Job No.: lan2015 #1105

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

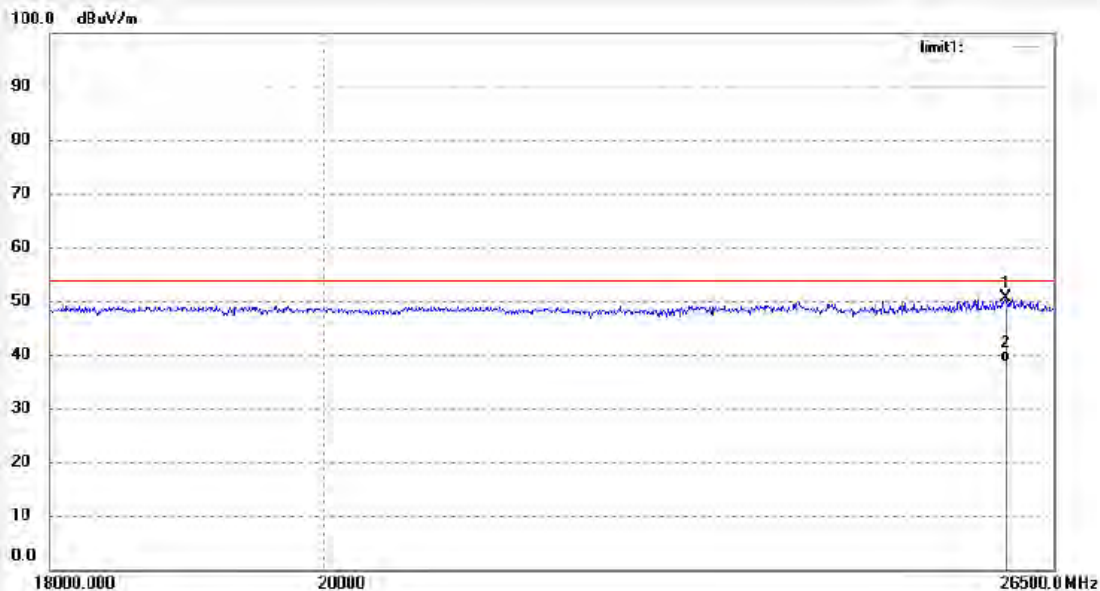
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26012.563	34.03	16.50	50.53	74.00	-23.47	peak			
2	26012.563	22.01	16.50	38.51	54.00	-15.49	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Jan2015 #1108

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 5V

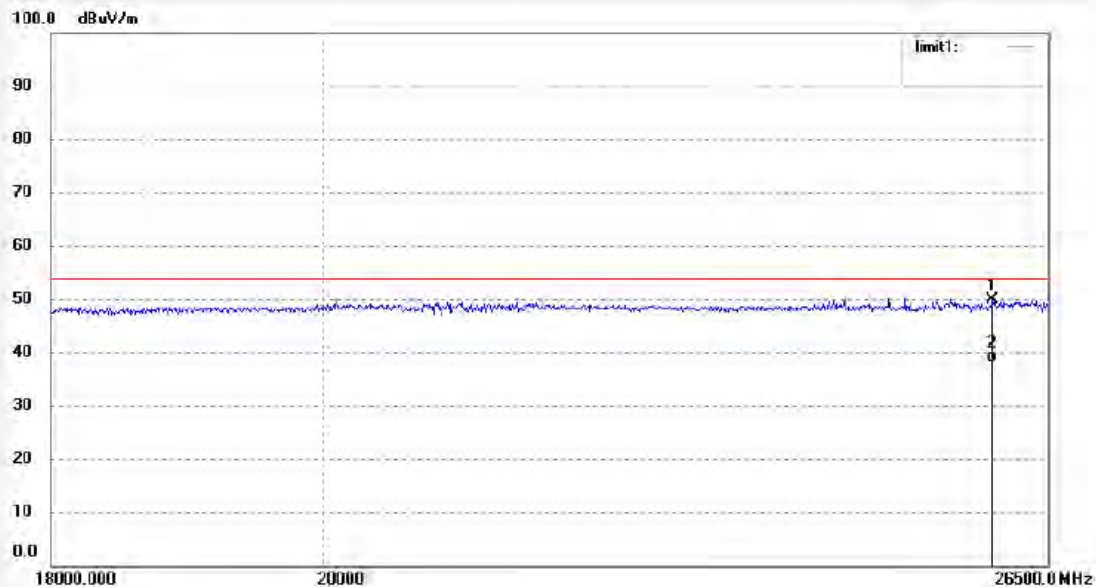
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25942.232	33.47	16.50	49.97	74.00	-24.03	peak			
2	25942.232	21.75	16.50	38.25	54.00	-15.75	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503398

Job No.: lan2015 #1107

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(°C)/Hum.(%) 23 °C / 48 %

EUT:

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 5V

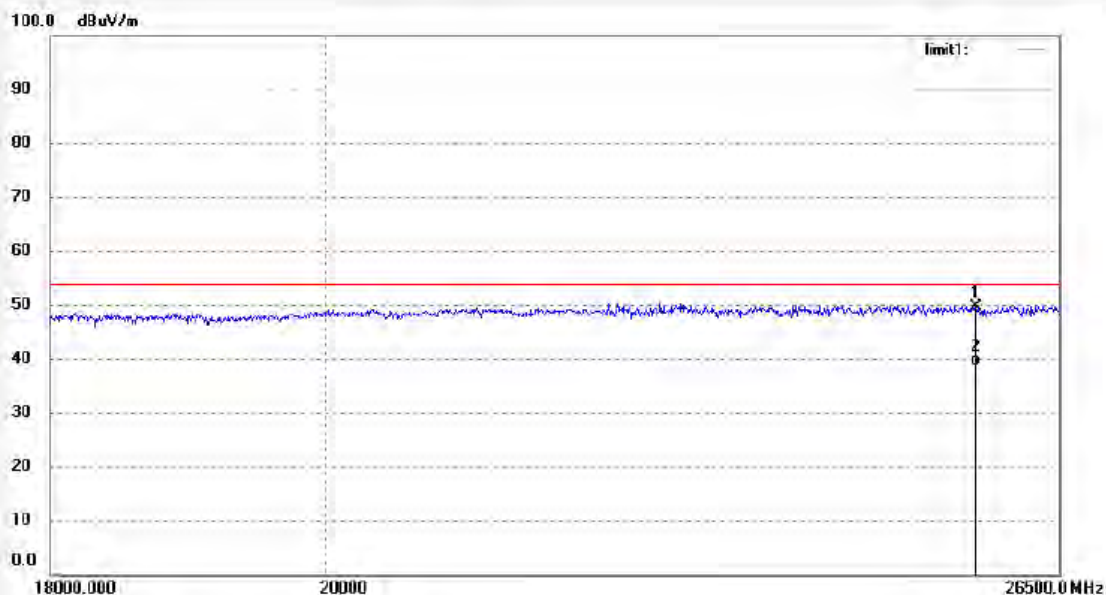
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25672.730	33.24	16.50	49.74	74.00	-24.26	peak			
2	25672.730	22.17	16.50	38.67	54.00	-15.33	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Ian2015 #1108

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2441MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

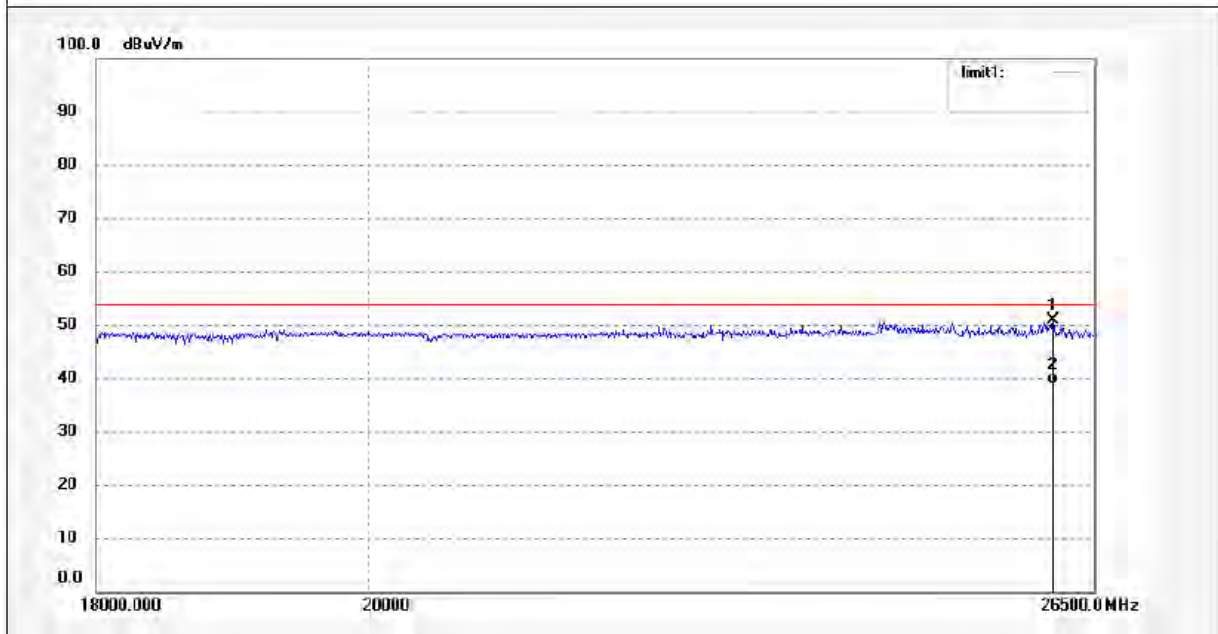
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26083.088	34.38	16.50	50.88	74.00	-23.12	peak			
2	26083.088	22.32	16.50	38.82	54.00	-15.18	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503398

Job No.: Jan2015 #1109

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(°C)/Hum.(%) 23 °C / 48 %

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

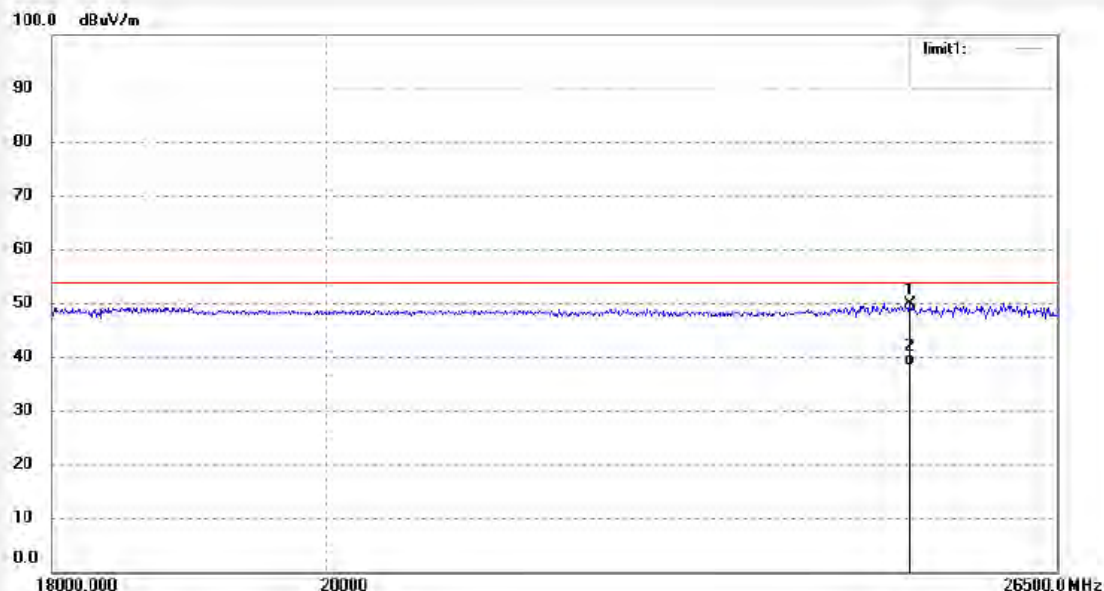
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25045.042	33.45	16.50	49.95	74.00	-24.05	peak			
2	25045.042	21.98	16.50	38.48	54.00	-15.52	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-28503290

Fax: +86-0755-28503398

Job No.: Jan2015 #1110

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 5V

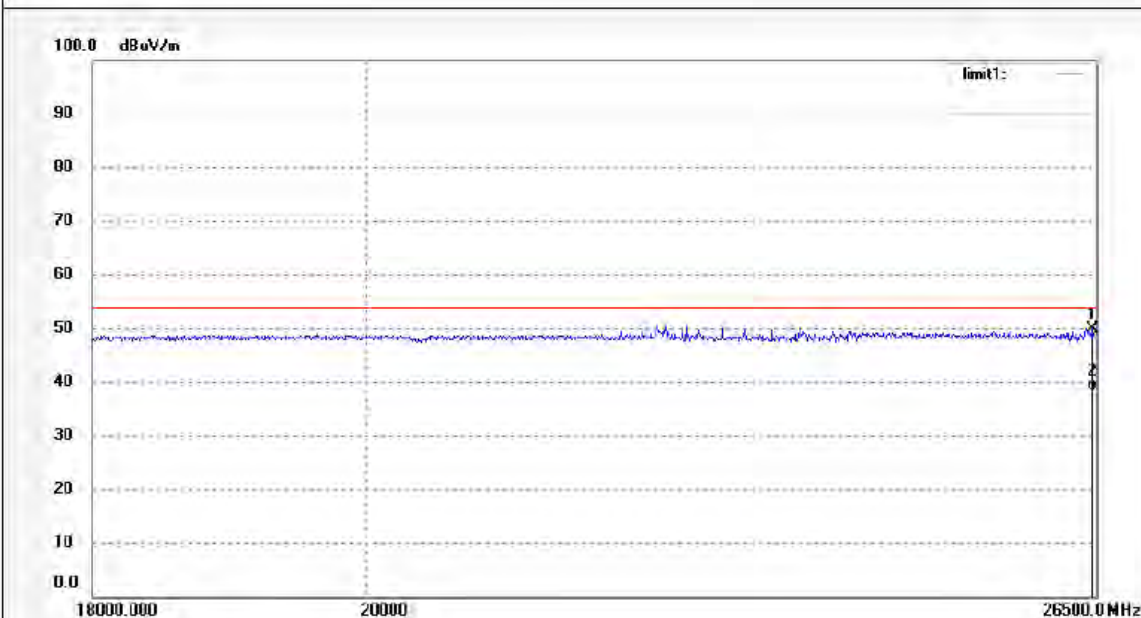
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26489.269	33.29	16.50	49.79	74.00	-24.21	peak			
2	26489.269	21.85	16.50	38.35	54.00	-15.65	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #1071

Standard: FCC Part 15 Band Edge (2.4G)

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 5V

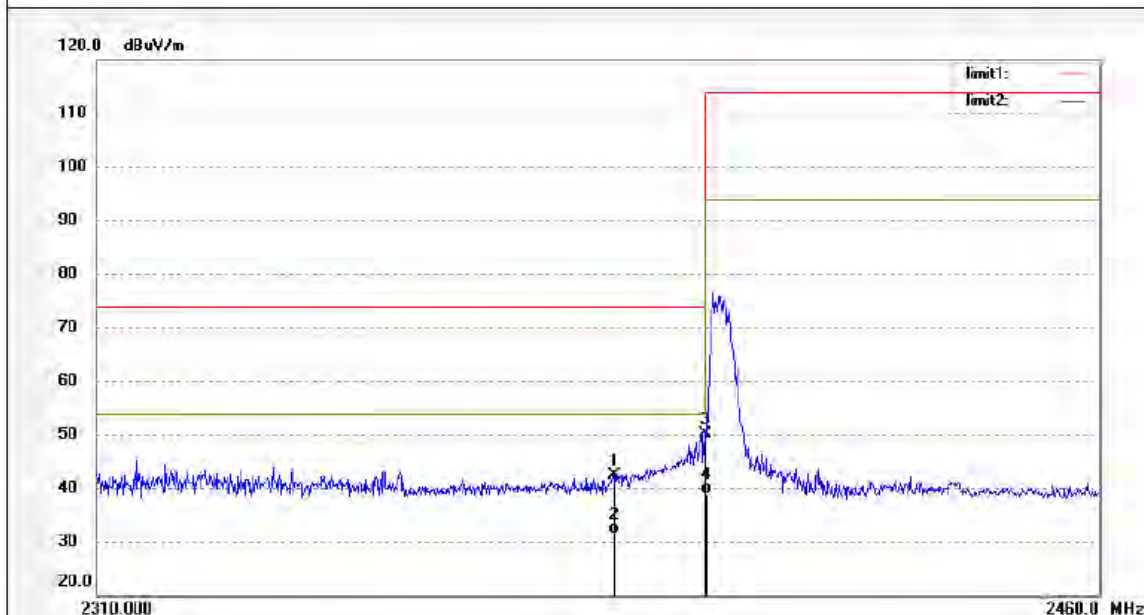
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2386.350	49.97	-7.55	42.42	74.00	-31.58	peak			
2	2386.350	38.85	-7.55	31.30	54.00	-22.70	AVG			
3	2400.000	57.89	-7.48	50.23	74.00	-23.77	peak			
4	2400.000	46.38	-7.48	38.92	54.00	-15.08	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503398

Job No.: lan2015 #1072

Standard: FCC Part 15 Band Edge (2.4G)

Test item: Radiation Test

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

EUT:

Mode: TX 2402MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

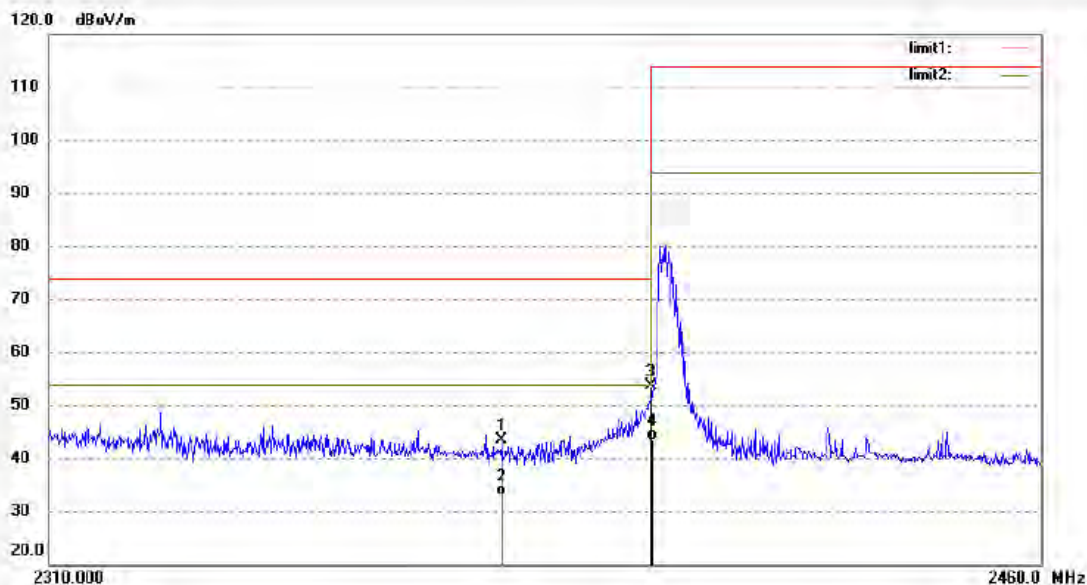
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2377.500	50.99	-7.61	43.38	74.00	-30.62	peak			
2	2377.500	40.61	-7.61	33.00	54.00	-21.00	AVG			
3	2400.000	80.97	-7.46	53.51	74.00	-20.49	peak			
4	2400.000	50.74	-7.46	43.28	54.00	-10.72	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #1077

Standard: FCC Part 15 Band Edge (2.4G)

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Vertical

Power Source: DC 5V

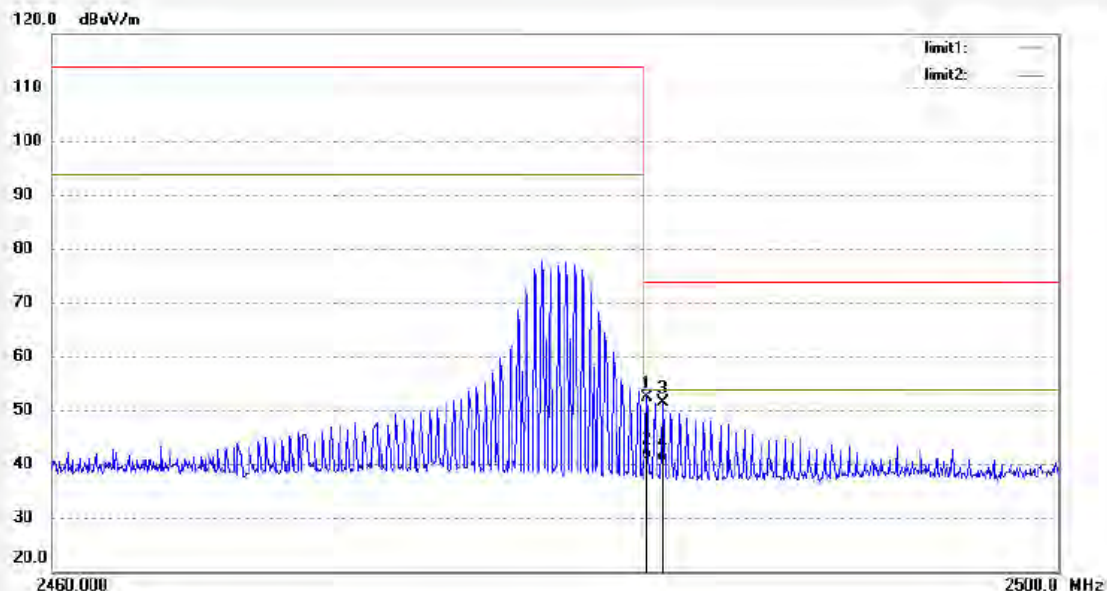
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.600	59.74	-7.37	52.37	74.00	-21.63	peak			
2	2483.600	48.37	-7.37	41.00	54.00	-13.00	AVG			
3	2484.240	58.78	-7.38	51.40	74.00	-22.60	peak			
4	2484.240	47.83	-7.38	40.45	54.00	-13.55	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #1078

Standard: FCC Part 15 Band Edge (2.4G)

Test item: Radiation Test

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

EUT:

Mode: TX 2480MHz

Model: NS-GXBOMRK101

Manufacturer: THE ZEN FACTORY GROUP (ASIA)

Polarization: Horizontal

Power Source: DC 5V

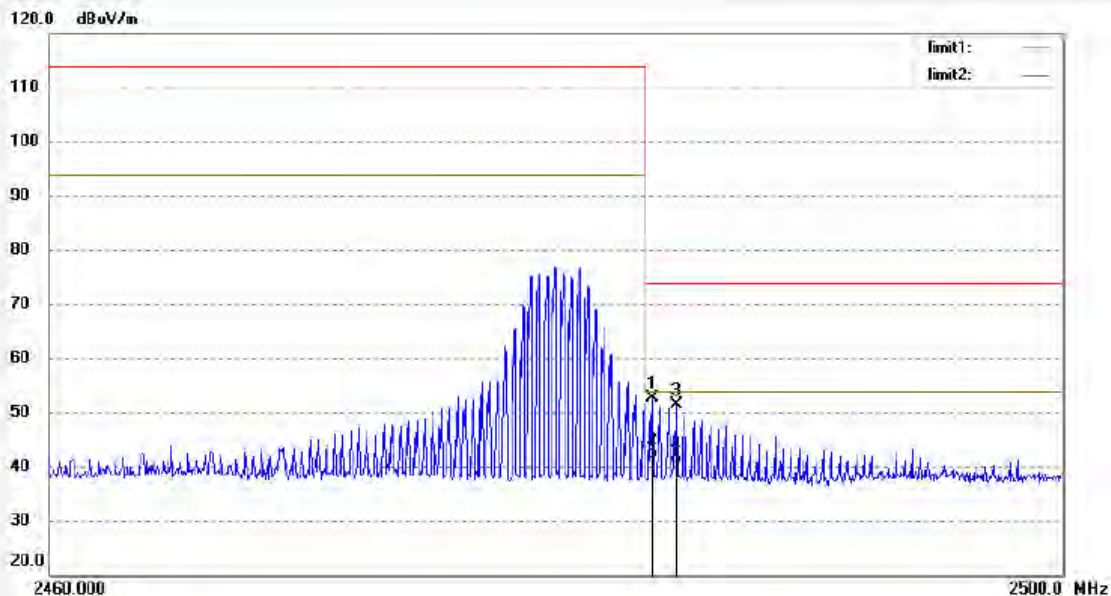
Date: 15/05/07/

Time:

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.760	59.85	-7.38	52.57	74.00	-21.43	peak			
2	2483.760	48.87	-7.38	41.29	54.00	-12.71	AVG			
3	2484.720	58.74	-7.38	51.36	74.00	-22.64	peak			
4	2484.720	47.68	-7.38	40.30	54.00	-13.70	AVG			

5.1.4 Conducted emissions

RESULT:**Pass**

Date of testing	:	2015-05-06
Test standard	:	FCC Part 15.107 FCC Part 15.207
Basic standard	:	ANSI C63.4: 2003
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207
Kind of test site	:	Shield room

Test setup

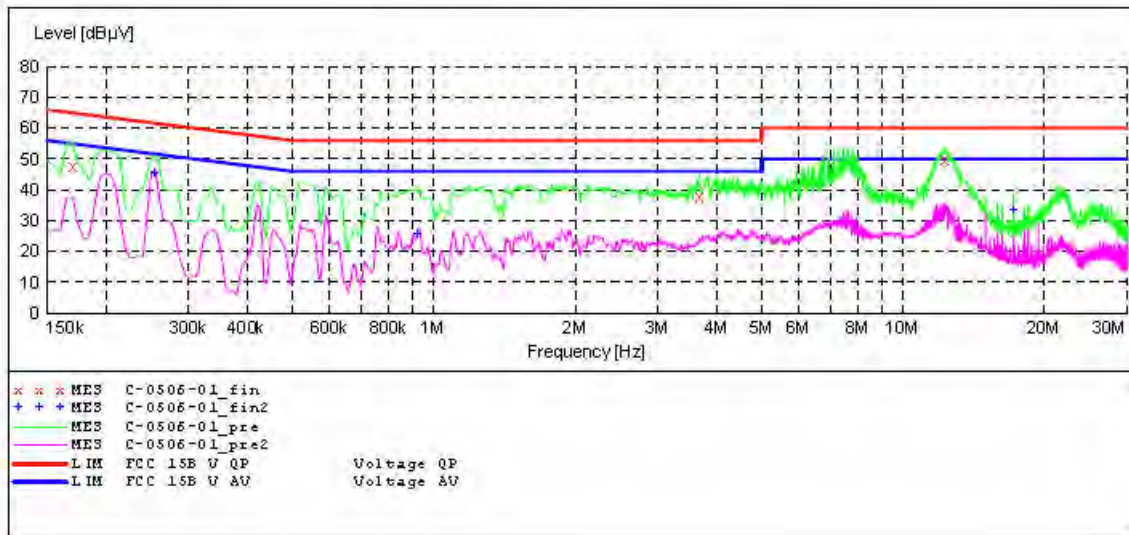
Input voltage	:	DC 3V for remote via AAA batteries DC 5V for dongle via USB port
Operation mode	:	A.2
Earthing	:	Not connected
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

For details refer to test plots.

Test Plots of Conducted Emission
SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB STD VTERM2 1.70

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
150.0 kHz	30.0 MHz	4.5 kHz	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						


MEASUREMENT RESULT: "C-0506-01_fin"

5/6/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170000	47.70	10.5	65	17.3	QP	N	GND
3.680000	37.80	11.1	56	18.2	QP	N	GND
12.225000	49.60	11.3	60	10.4	QP	N	GND

MEASUREMENT RESULT: "C-0506-01_fin2"

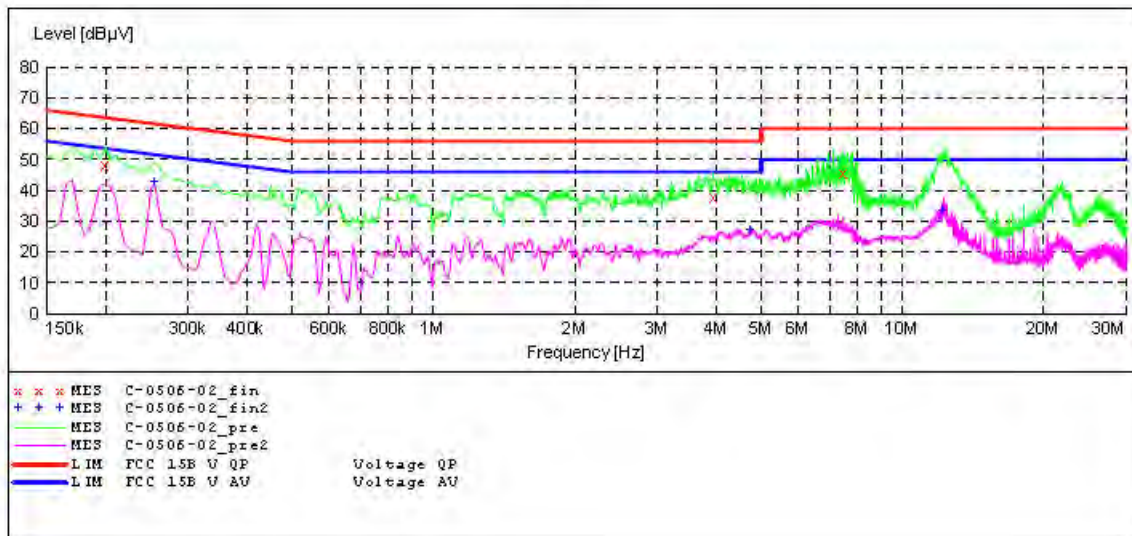
5/6/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.255000	45.60	10.6	52	6.0	AV	N	GND
0.925000	25.90	10.8	46	20.1	AV	N	GND
17.175000	33.90	11.4	50	16.1	AV	N	GND

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
150.0 kHz	30.0 MHz	4.5 kHz	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						


MEASUREMENT RESULT: "C-0506-02_fin"

5/6/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200000	48.20	10.5	64	15.4	QP	L1	GND
3.940000	37.60	11.1	56	18.4	QP	L1	GND
7.450000	45.60	11.2	60	14.4	QP	L1	GND

MEASUREMENT RESULT: "C-0506-02_fin2"

5/6/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.255000	42.80	10.6	52	8.8	AV	L1	GND
4.770000	27.60	11.1	46	18.4	AV	L1	GND
12.225000	33.80	11.3	50	16.2	AV	L1	GND

6. Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass**

Test standard : FCC KDB Publication 447498 D01 v05r02

The separation distance of the remote should be 5mm. The measured maximum peak output power of the remote is 0.23mW, which is far below the SAR exclusion threshold level 10 mW (Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile and Portable RF Exposure. Guidance v05r02.

The separation distance of the USB dongle should be 5mm. The measured maximum peak output power of the dongle is 0.05mW, which is far below the SAR exclusion threshold level 10mW (Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile and Portable RF Exposure. Guidance v05r02.

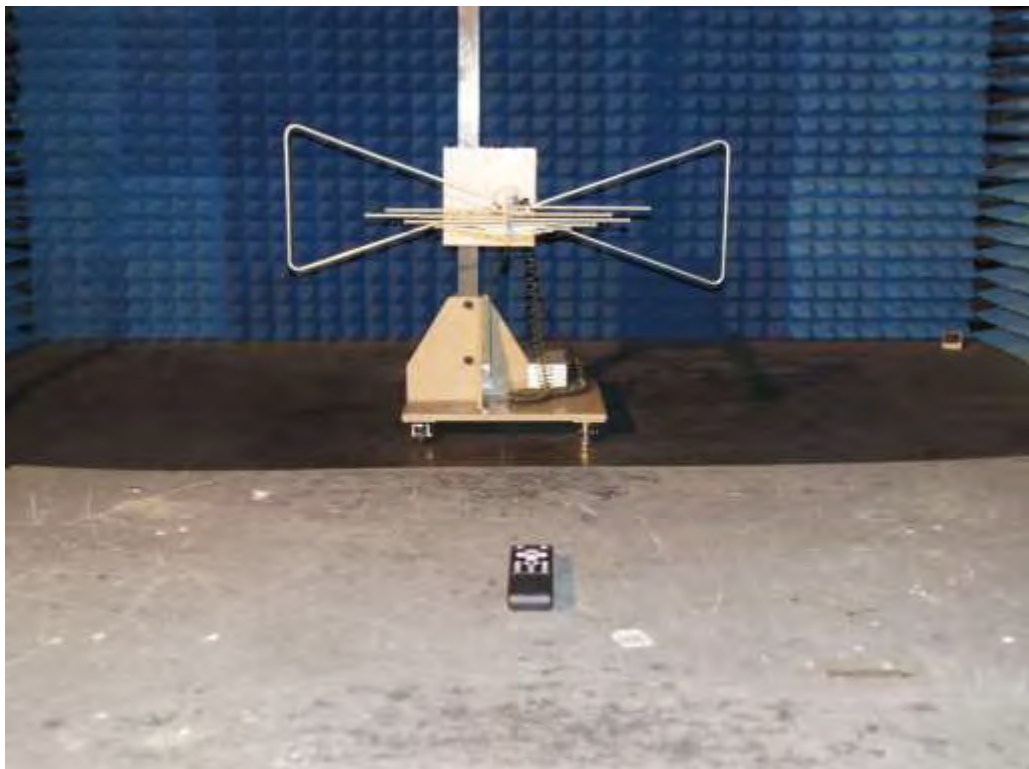
7. Photographs of the Test Set-Up

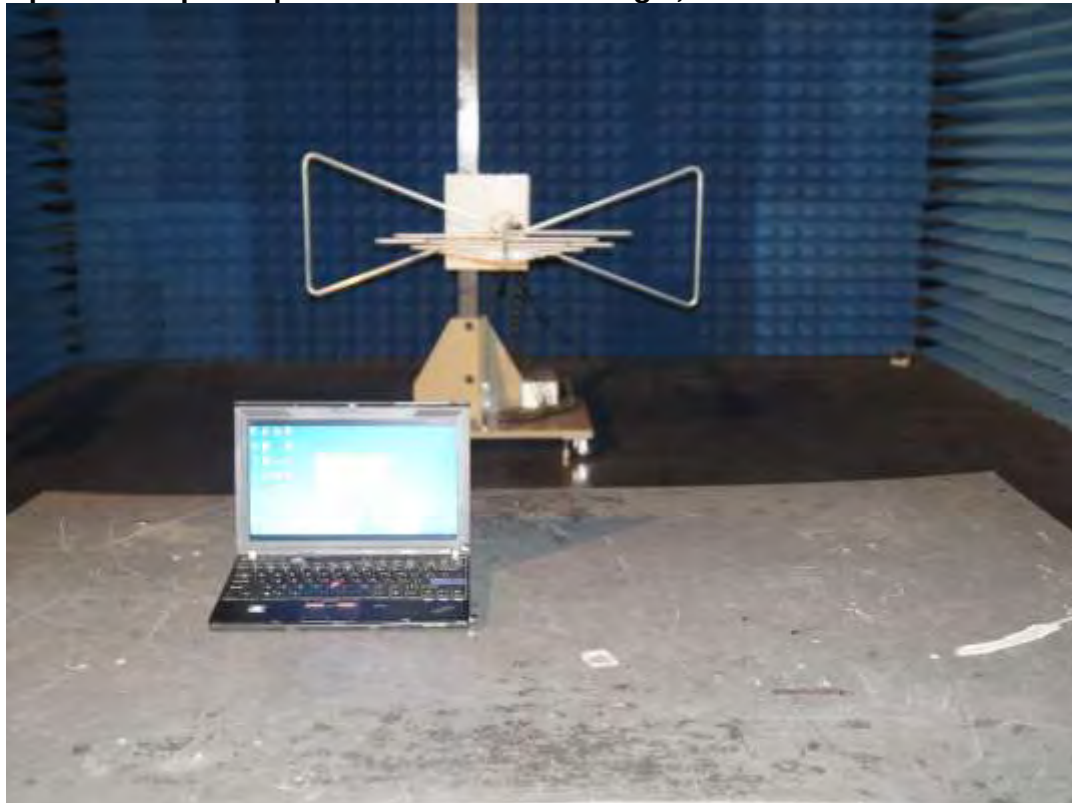
Photograph 1: Set-up for Conducted Emissions

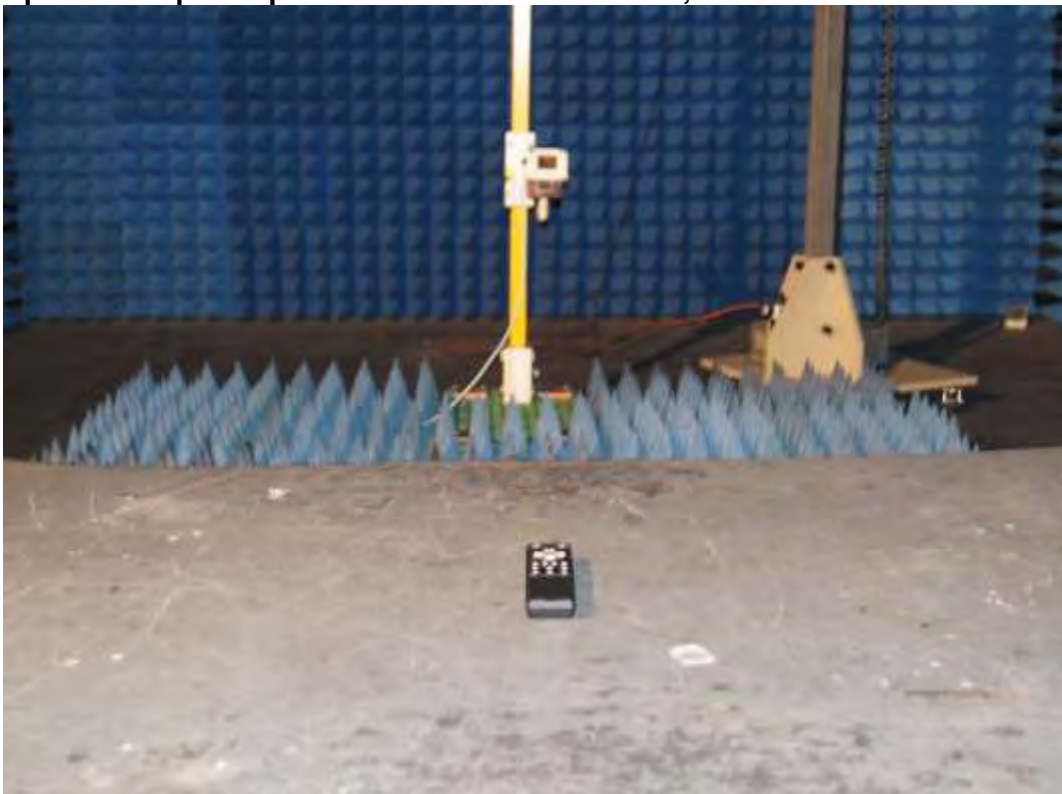


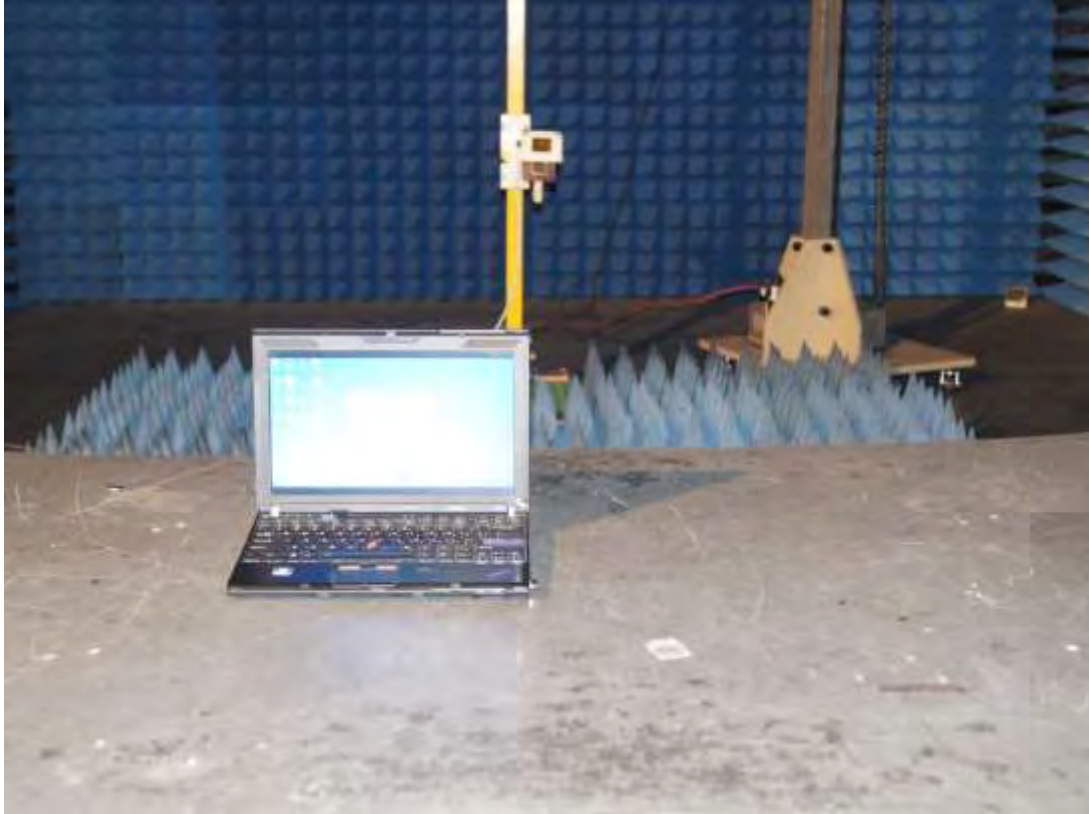
Photograph 2: Set-up for Spurious Emissions of Remote, below 30MHz



Photograph 3: Set-up for Spurious Emissions of dongle, below 30MHz**Photograph 4: Set-up for Spurious Emissions of Remote, 30MHz - 1GHz**

Photograph 5: Set-up for Spurious Emissions of dongle, 30MHz - 1GHz**Photograph 6: Set-up for Spurious Emissions of Remote, 1GHz – 18GHz**

Photograph 7: Set-up for Spurious Emissions of dongle, 1GHz – 18GHz**Photograph 8: Set-up for Spurious Emissions of Remote, 18GHz – 25GHz**

Photograph 9: Set-up for Spurious Emissions of dongle, 18GHz – 25GHz

8. List of Tables

Table 1: List of Test and Measurement Equipment.....	5
Table 2: Measurement Uncertainty	6
Table 3: Technical Specification of Remote	7
Table 4: Technical Specification of Dongle	7
Table 5: Accessories and Auxiliary Equipment	9

9. List of Photographs

Photograph 1: Set-up for Conducted Emissions	92
Photograph 2: Set-up for Spurious Emissions of Remote, below 30MHz.....	92
Photograph 3: Set-up for Spurious Emissions of dongle, below 30MHz.....	93
Photograph 4: Set-up for Spurious Emissions of Remote, 30MHz - 1GHz.....	93
Photograph 5: Set-up for Spurious Emissions of dongle, 30MHz - 1GHz.....	94
Photograph 6: Set-up for Spurious Emissions of Remote, 1GHz – 18GHz	94
Photograph 7: Set-up for Spurious Emissions of dongle, 1GHz – 18GHz	95
Photograph 8: Set-up for Spurious Emissions of Remote, 18GHz – 25GHz	95
Photograph 9: Set-up for Spurious Emissions of dongle, 18GHz – 25GHz	96