Produkte
Products

TÜVRheinland®

Prüfbericht - Nr.: *Test Report No.:*	**17030505 001**	**Seite 1 von 24** *Page 1 of 24*
Auftraggeber: *Client:*	**Acrox Technologies Co., Ltd.** **4F, No. 89, Minshan St., NeiHu Dist. Taipei 114**	
Gegenstand der Prüfung: *Test item:*	**Dongle**	
Bezeichnung: *Identification:*	**BYRX1**	**Serien-Nr.:** *Serial No.:* n.a.
Wareneingangs-Nr.: *Receipt No.:*	**164002075**	**Eingangsdatum:** *Date of receipt:* **2012-12-20**
Zustand des Prüfgegenstandes bei Anlieferung: **Condition of test item at delivery:**	Test samples received are sufficient for testing and not damaged.	
Prüfort: *Testing location:*	**Shenzhen Accurate Technology Co., Ltd.** **(Details refer to clause 2.1)**	
Prüfgrundlage: *Test specification:*	**FCC CFR47 Part 15: Subpart C Section 15.249** **FCC CFR47 Part 15: Subpart C Section 15.207** **FCC CFR47 Part 15: Subpart C Section 15.209** **FCC CFR47 Part 15: Subpart B Section 15.107** **FCC CFR47 Part 15: Subpart B Section 15.109** **RSS-210 Issue 8 December 2010** **RSS-Gen Issue 3 December 2010** **RSS-102 Issue 4 March 2010**	
Prüfergebnis: *Test Result:*	**Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n).** *The test item passed the test specification(s).*	
Prüflaboratorium: *Testing Laboratory:*	TÜV Rheinland (Shenzhen) Co., Ltd.	

geprüft/ *tested by:*			**kontrolliert**/ *reviewed by:*		
2013-1-15	Owen Tian/ Project Manager		2013-1-18	Winnie Hou/ Technical Certifier	
Datum *Date*	**Name/Stellung** *Name/Position*	**Unterschrift** *Signature*	**Datum** *Date*	**Name/Stellung** *Name/Position*	**Unterschrift** *Signature*

Sonstiges/ *Other Aspects:*

Abkürzungen:				*Abbreviations:*			
	P(ass)	=	*entspricht Prüfgrundlage*		*P(ass)*	=	*passed*
	F(ail)	=	*entspricht nicht Prüfgrundlage*		*F(ail)*	=	*failed*
	N/A	=	*nicht anwendbar*		*N/A*	=	*not applicable*
	N/T	=	*nicht getestet*		*N/T*	=	*not tested*

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT
RESULT: Passed

5.1.2 FIELD STRENGTH OF FUNDAMENTAL AND HARMONICS
RESULT: Passed

5.1.3 20DB BANDWIDTH
RESULT: Passed

5.1.4 99% BANDWIDTH
RESULT: Passed

5.1.5 OUT OF BAND EMISSION
RESULT: Passed

5.1.6 RADIATED EMISSION
RESULT: Passed

5.1.7 CONDUCTED EMISSION
RESULT: Passed

6.1.1 ELECTROMAGNETIC FIELDS
RESULT: Passed

Contents

1. General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:
Appendix 1: Test Result

2. Test Sites

2.1 Test Facilities

Shenzhen Accurate Technology Co., Ltd.

F1, Bldg. A, Changyuan New Meterial Port, Keyuan Rd., Science & Industry Park Nanshan District, Shenzhen 518057, P.R. China

FCC Registration No.: 752051

Test site Industry Canada No.: 5077A

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	Agilent	E7405A	MY45115511	2013-01-07
Test Receiver	Rohde & Schwarz	ESCS30	100307	2013-01-07
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2013-01-07
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2013-01-07
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2013-01-07
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2013-01-07
Pre-Amplifier	Rohde & Schwarz	CBLU11835 40-01	3791	2013-01-07
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2013-01-07
Artificial Mains Network	Schwarzbeck	NLSK8126	8126431	2013-01-07
Radio Test Suite				
Receiver	Rohde & Schwarz	ESPI	100396/003	2013-01-07

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 basics using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements are ±3dB.

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached in this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The Shenzhen Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Meterial Port, Keyuan Rd., Science & Industry Park Nanshan District, Shenzhen 518057, 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 EUT is a wireless dongle used together with personal computer.
The whole system is composes of one wireless keyboard, one wireless mouse and one dongle. This report is only for wireless dongle.
For details refer to the User Manual, technical description and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Rating of EUT

Kind of Equipment:	Dongle
Type Designation:	BYRX1
FCC ID	PRDMU15
IC	6180A-RX6

Table 3: Technical Specification of EUT

Technical Specification	Value
Operating Frequency	2408-2474 MHz
Channel separation	1MHz
Extreme Temperature Range	0ºC to 35ºC
Operation Voltage	DC 5V (via USB port)
Modulation	FSK
Antenna Type	Printed antenna
External Ports	None
Antenna Gain	-5dBi
RF Output Power	1mW
Number of channels	34
Channel frequency (MHz)	2408/2410/2412/2414/2416/2418/2420/2422/2424/2426/ 2428/2430/2432/2434/2436/2438/2440/2442/2444/2446/ 2448/2450/2452/2454/2456/2458/2460/2462/2464/2466/ 2468/2470/2472/2474

3.3 Independent Operation Modes

The basic operation modes are:

A. Transmitting
   1. Low channel
   2. Middle channel
   3. High channel

B. Standby

C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

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

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

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

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2003.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested with following accessories

Description	Manufacturer	Model mumber	Serial number
Notebook	Lenovo	4290-RT8	R9-FW93G

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

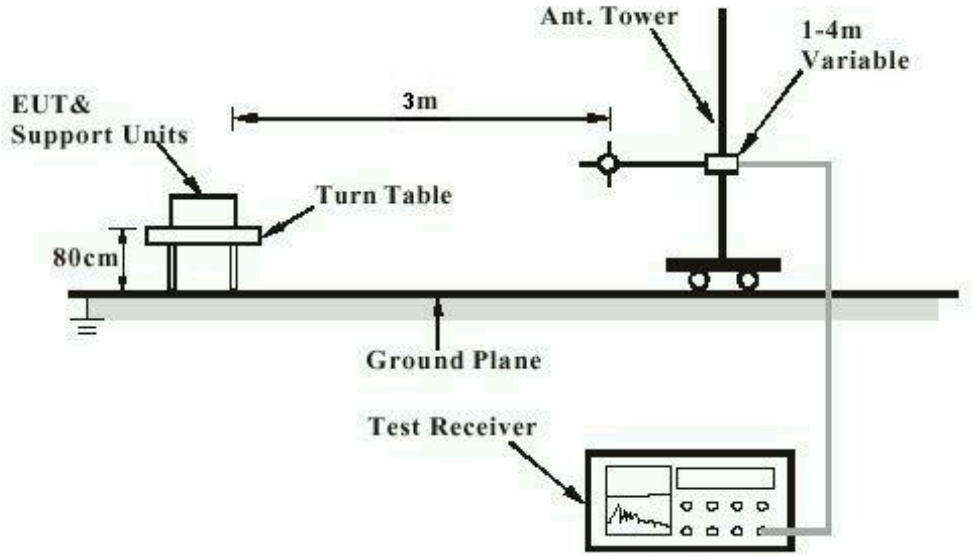


Diagram of Measurement Equipment Configuration for Mains Conduction Measurement

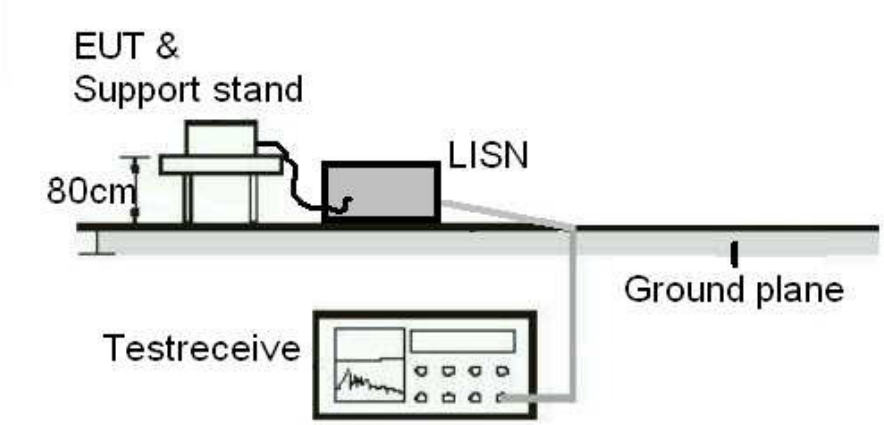
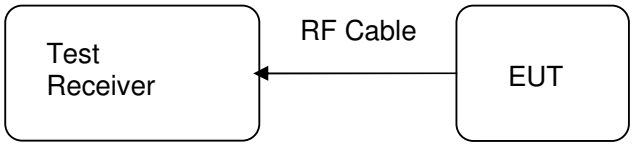


Diagram of Measurement Equipment Configuration for Conducted Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT: **Passed**

Test date	:	2012-12-27
Test standard	:	FCC Part 15.203 RSS-Gen 7.1.2
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 directional gain of antenna is -5dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply the provision.

Refer to EUT photo for details.

5.1.2 Field strength of fundamental and harmonics

RESULT: **Passed**

Test date	:	2012-12-28
Test standard	:	FCC Part 15.249(a) Clause A2.9(a) of RSS-210
Basic standard	:	ANSI C63.4: 2003
Limit	:	FCC Part 15.249(a) Clause A2.9(a) of RSS-210
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

Operation Mode	:	A
Ambient temperature	:	26℃
Relative humidity	:	56%
Atmospheric pressure	:	101 kPa

Table 4: Test result of Field strength of fundamental and harmonics

Channel Frequency (MHz)	Test result			
	Reading (dBuV/m)	Antenna orientation	Detector	Limit (dBuV/m)
2408	92.02	Horizontal	Peak	114
2408	88.10		Average	94
2408	91.35	Vertical	Peak	114
2408	87.41		Average	94
2440	90.10	Horizontal	Peak	114
2440	86.21		Average	94
2440	89.31	Vertical	Peak	114
2440	85.20		Average	94
2474	89.55	Horizontal	Peak	114
2474	85.4		Average	94
2474	87.98	Vertical	Peak	114
2474	84.04		Average	94
4816	50.43	Horizontal	Peak	74
4816	46.30		Average	54
4816	47.72	Vertical	Peak	74
4816	43.66		Average	54
4880	45.49	Horizontal	Peak	74
4880	41.55		Average	54

4880	45.10	Vertical	Peak	74
4880	40.91		Average	54
4948	51.01	Horizontal	Peak	74
4948	47.06		Average	54
4948	44.47	Vertical	Peak	74
4948	40.46		Average	54

Note: refer to Appendix 1 for test plot.

5.1.3 20dB Bandwidth

RESULT: **Passed**

Date of testing	:	2012-12-27
Test standard	:	RSS-Gen 4.6.3
Basic standard	:	ANSI C63.4: 2003
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A
Ambient temperature	:	20℃
Relative humidity	:	52%
Atmospheric pressure	:	101 kPa

Table 5: Test result of 20dB Bandwidth

Channel	Channel Frequency (MHz)	20dB Bandwidth (kHz)	Limit (MHz)	Result
Low Channel	2408	2050	/	Pass
Mid Channel	2440	2046	/	Pass
High Channel	2474	2046	/	Pass

5.1.4 99% Bandwidth

RESULT: **Passed**

Date of testing	:	2012-12-27
Test standard	:	RSS-Gen clause 4.6.1
Basic standard	:	ANSI C63.4: 2003
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A
Ambient temperature	:	20℃
Relative humidity	:	45%
Atmospheric pressure	:	101 kPa

Table 6: Test result of 99% Bandwidth

Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)	Limit (MHz)
Low Channel	2408	2076	/
Mid Channel	2440	2076	/
High Channel	2474	2076	/

5.1.5 Out of band emission

RESULT: **Passed**

Date of testing	:	2012-12-28
Test standard	:	FCC part 15.249(d) RSS-210 A2.9(b)
Basic standard	:	ANSI C63.4: 2003
Limit	:	FCC part 15.249(d) RSS-210 A2.9(b)
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

Test Channel	:	Low/ High
Operation mode	:	A
Ambient temperature	:	26℃
Relative humidity	:	56%
Atmospheric pressure	:	101 kPa

All emissions are below the general radiated emission limits in FCC part 15.209. Refer to Appendix 1 for detailed test plot.

5.1.6 Radiated emission

RESULT: **Passed**

Date of testing	:	2012-12-28
Test standard	:	FCC part 15.209(a) & 15.205 Clause 2.2 & 2.5 of RSS-210
Basic standard	:	ANSI C63.4: 2003
Limits	:	Refer to FCC part 15.209(a) Refer to RSS-Gen Table 5
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

Operation mode	:	A
Ambient temperature	:	23℃
Relative humidity	:	51%
Atmospheric pressure	:	101 kPa

For details refer to Appendix 1.

Remark: Testing was carried out within frequency range 9kHz to the tenth harmonics.

5.1.7 Conducted Emission

RESULT: **Passed**

Date of testing	:	2012-12-29
Test specification	:	FCC Part 15 Per Section 15.207(a) RSS-Gen 7.2.4
Frequency range	:	0.15 – 30MHz
Classification	:	Class B
Test procedure	:	ANSI C63.4: 2003 Table 4 of RSS-GEN
Deviations from standard test procedure	:	None
Kind of test site	:	Shielded room

Test setup

Input Voltage	:	AC 120V, 60Hz to AC/DC Adapter of notebook
Operation Mode	:	A
Earthing	:	Not connected
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

Test data refer to Appendix 1.

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

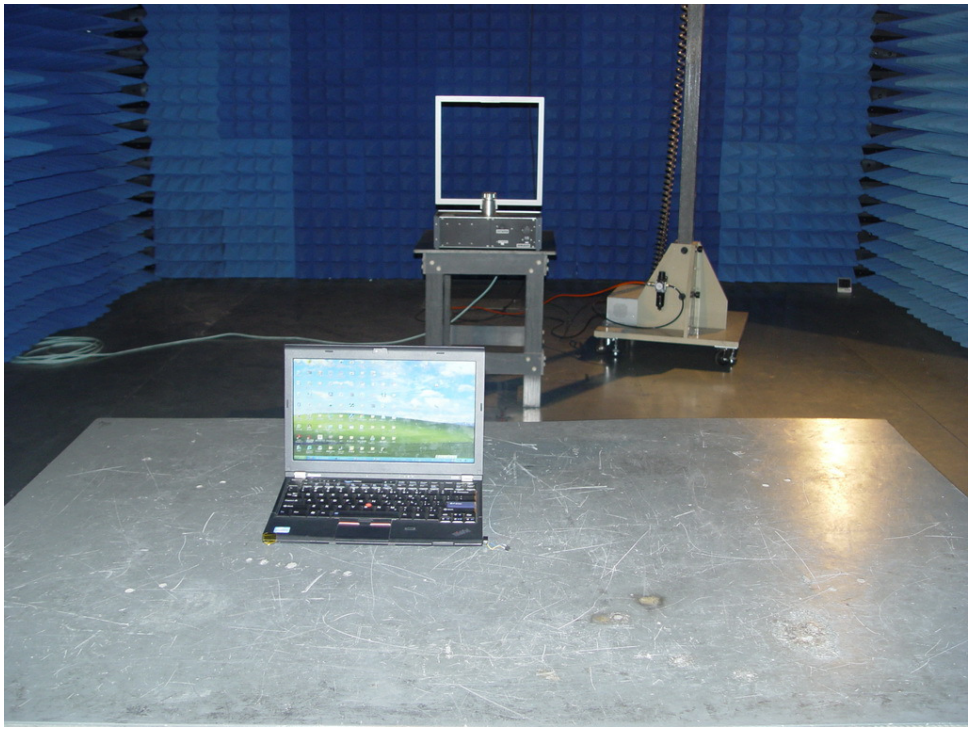
RESULT: **Passed**

The minimum distance is 20mm. Since maximum peak output power of the transmitter is 1mW<38mW, hence the EUT is exclueded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure Guidance v05.

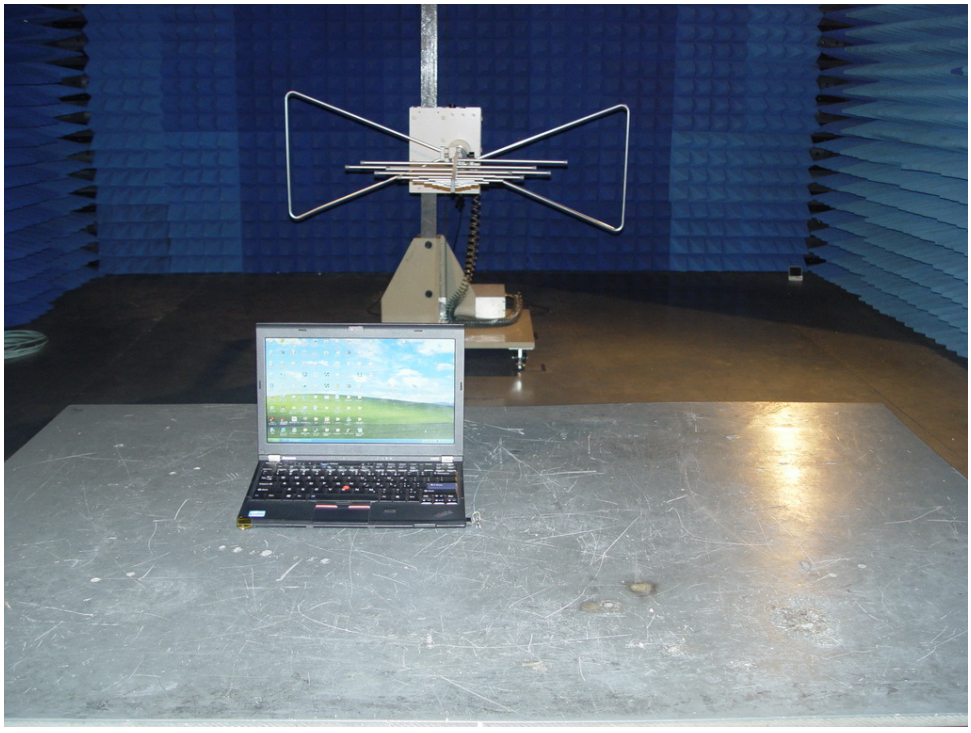
The measured peak output power of the transmitter is only 0.76mW (-1.21dBm). According to RSS-102 Issue 4 March 2010 clause 2.5, from 3 kHz up to 1 GHz inclusively and if the output power (i.e. the higher of the conducted or effective isotropic radiated power (e.i.r.p.) source-based time-averaged output power) is less than, or equal to 200 mW for General Public Use and 1000 mW for Controlled Use, then the transmitters are exempt from routine SAR and RF exposure evaluations, therefore the EUT is deemed to fulfill the requirement without additional test.

7. Photographs of the Test Set-Up

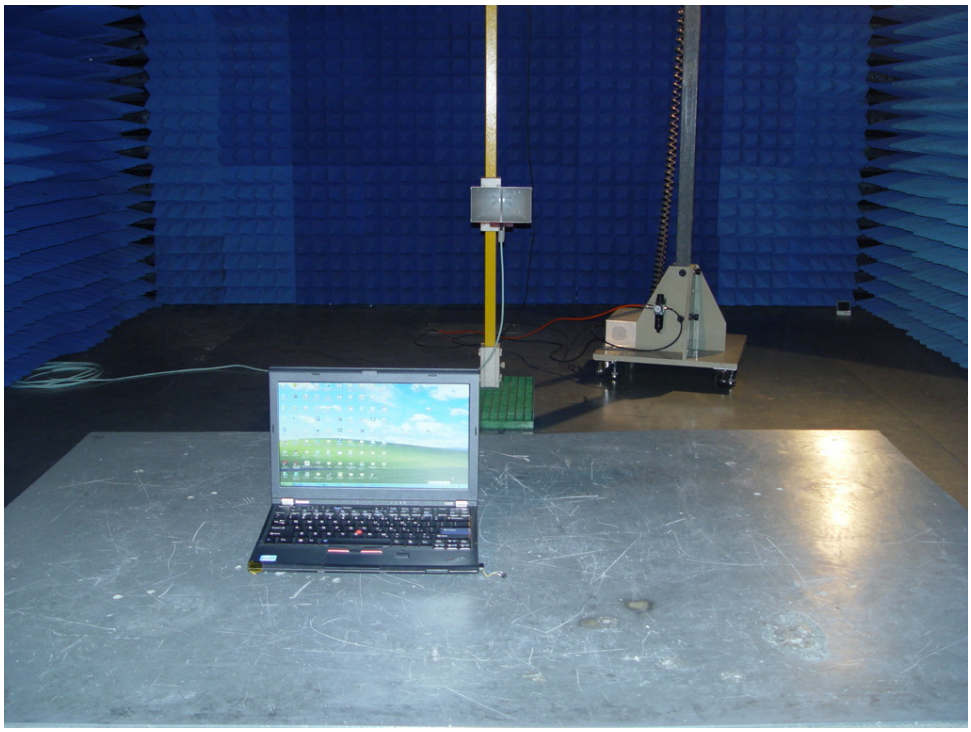
Photograph 1: Set-up for Radiated Emissions (9kHz - 30MHz)



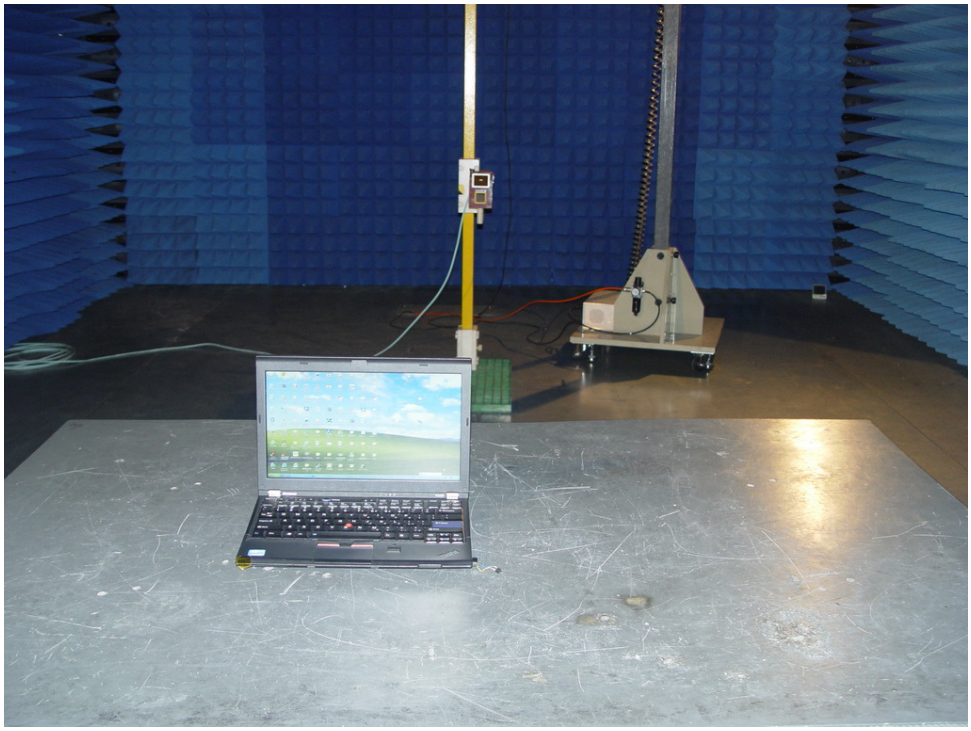
Photograph 2: Set-up for Radiated Emissions (30MHz-1GHz)



Photograph 3: Set-up for Radiated Emissions (1GHz-18GHz)



Photograph 4: Set-up for Radiated Emissions (18GHz-26GHz)

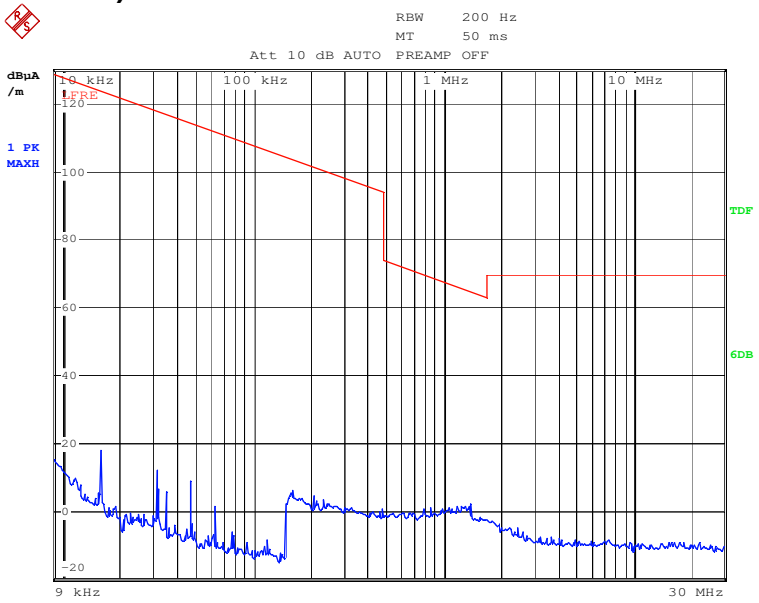


Photograph 5: Set-up for Conducted Emissions

8. List of Tables

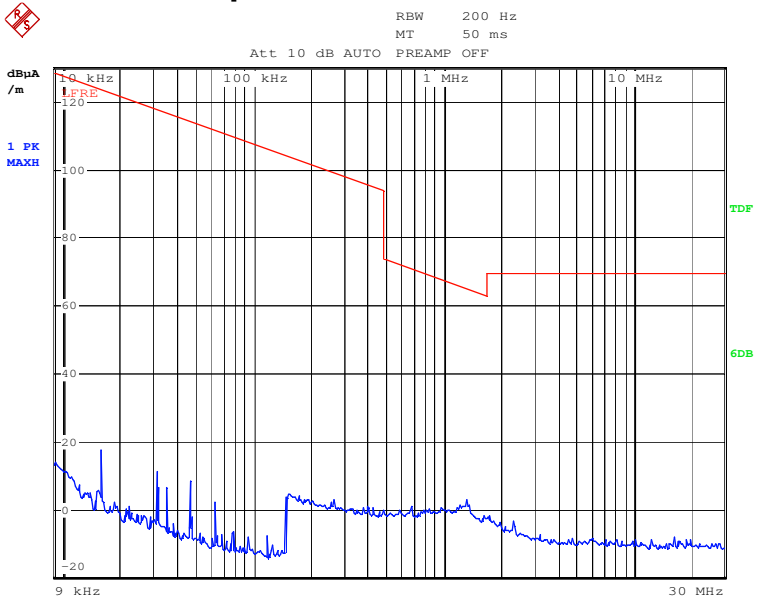
9. List of Photographs

Test Plot of Spurious emission of A.1 – Horizontal (9kHz – 30MHz)



Date: 29.DEC.2012 14:09:05

Test Plot of Spurious emission of A.1 – Vertical (9kHz – 30MHz)



Date: 29.DEC.2012 14:15:07

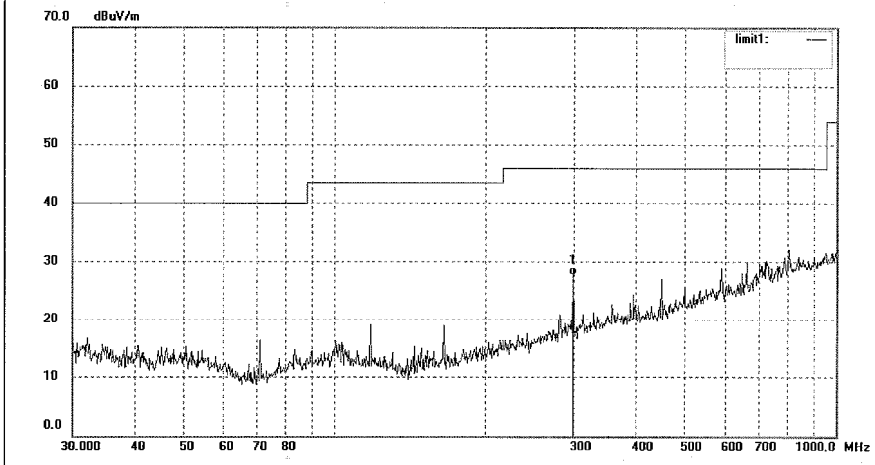
Test Plot of Spurious emission of A.1 – Horizontal (30MHz – 1GHz)

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.: PYH #535	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 8/17/48
EUT: dongle	Engineer Signature: PEI
Mode: TX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	299.9924	11.01	16.76	27.77	46.00	-18.23	QP			

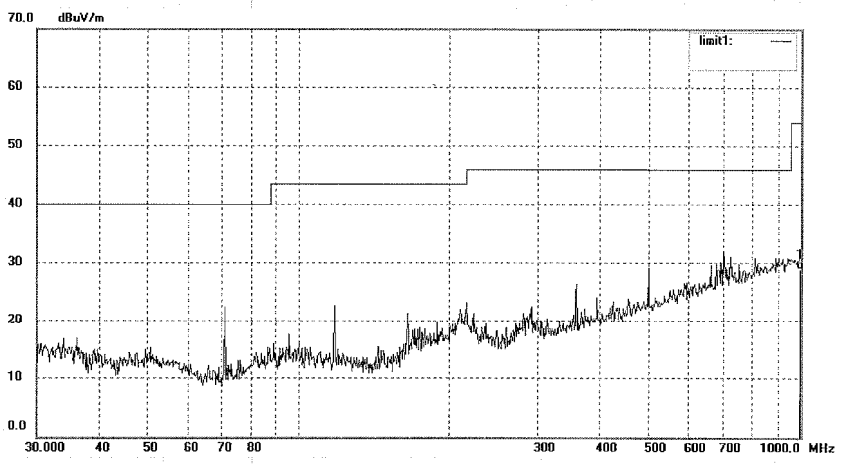
Test Plot of Spurious emission of A.1 – Vertical (30MHz – 1GHz)

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.: PYH #536	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 8/23/56
EUT: dongle	Engineer Signature: PEI
Mode: TX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	996.4926	0.02	28.99	29.01	54.00	-24.99	QP			

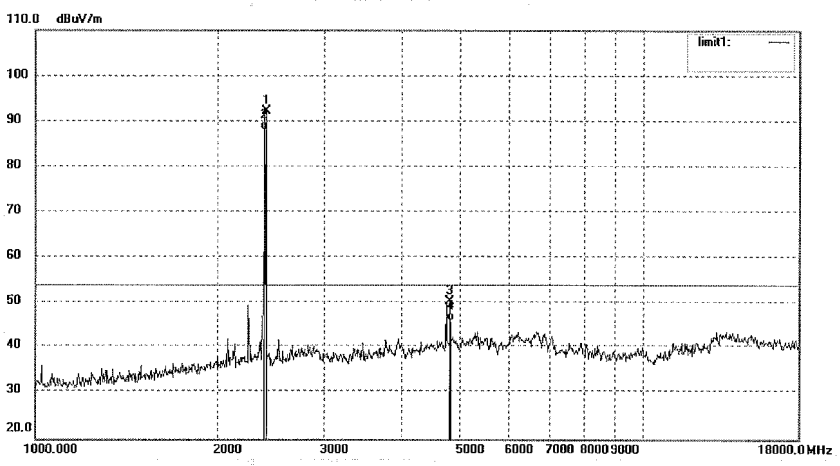
Test Plot of Spurious emission of A.1 – Horizontal (1GHz – 18GHz)

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.: PYH #586	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 16/56/00
EUT: dongle	Engineer Signature: PEI
Mode: TX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



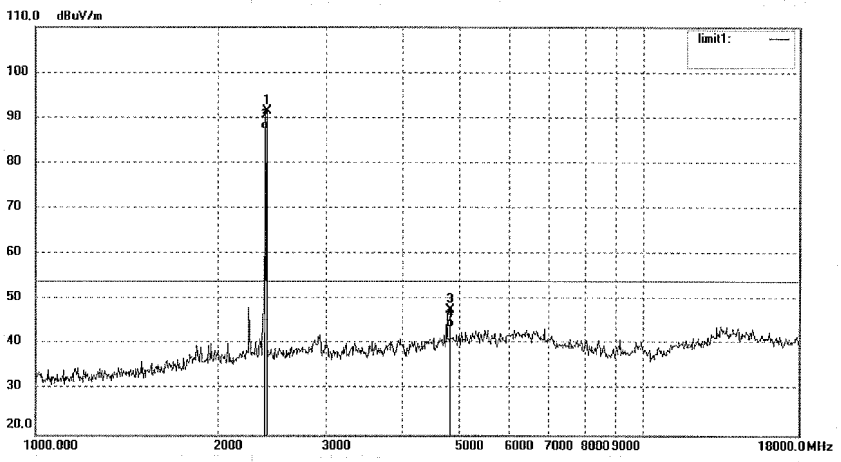
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2407.548	99.46	-7.44	92.02	114.00	-21.98	peak			
2	2407.548	95.54	-7.44	88.10	94.00	-5.90	AVG			
3	4815.109	50.66	-0.23	50.43	74.00	-23.57	peak			
4	4815.109	46.53	-0.23	46.30	54.00	-7.70	AVG			

Test Plot of Spurious emission of A.1 – Vertical (1GHz – 18GHz)

ATC®
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.: PYH #587	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 17/10/16
EUT: dongle	Engineer Signature: PEI
Mode: TX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



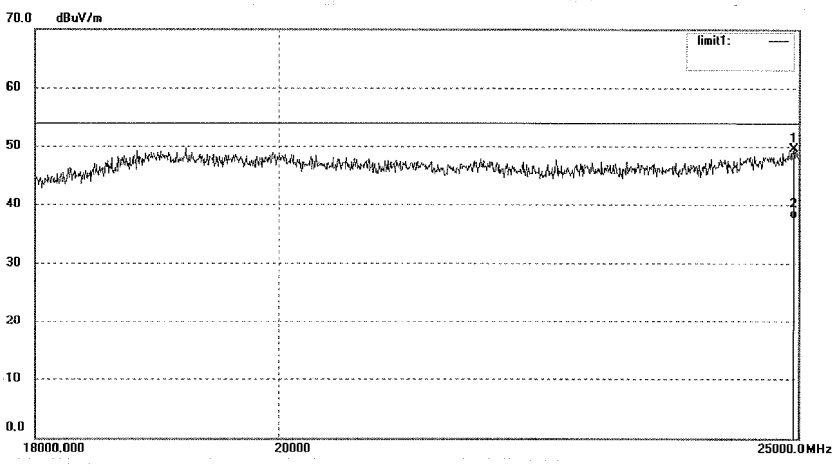
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2407.544	98.79	-7.44	91.35	114.00	-22.65	peak			
2	2407.544	94.85	-7.44	87.41	94.00	-6.59	AVG			
3	4815.051	47.95	-0.23	47.72	74.00	-26.28	peak			
4	4815.051	43.89	-0.23	43.66	54.00	-10.34	AVG			

Test Plot of Spurious emission of A.1 – Horizontal (18GHz – 25GHz)

ATC®
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.: PYH #612	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/12/29/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/36/40
EUT: dongle	Engineer Signature: PEI
Mode: TX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



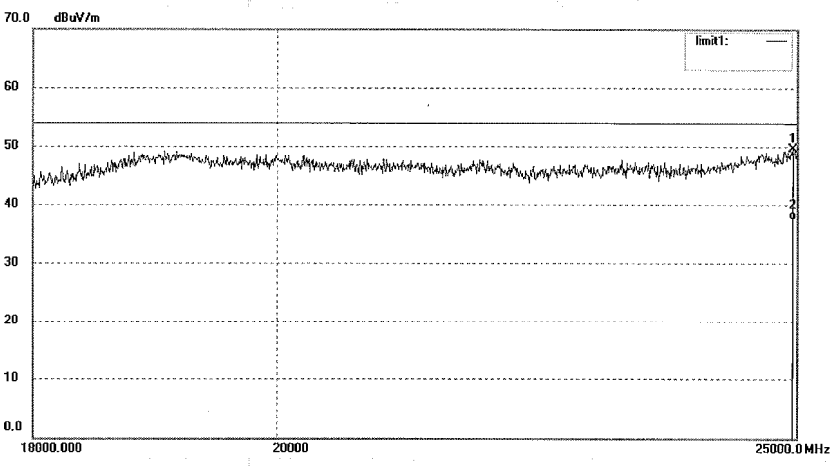
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24950.674	30.74	18.83	49.57	54.00	-4.43	peak			
2	24950.674	18.83	18.83	37.66	54.00	-16.34	AVG			

Test Plot of Spurious emission of A.1 – Vertical (18GHz – 25GHz)

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

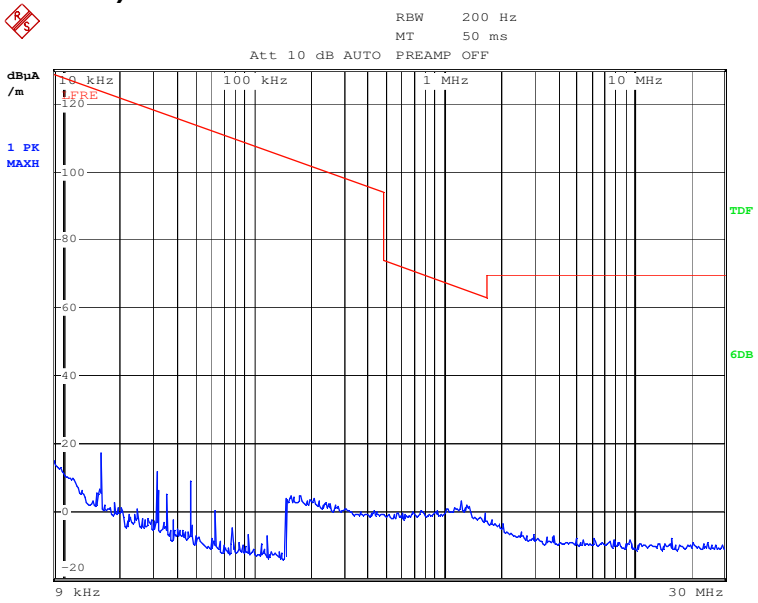
Job No.: PYH #613	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/12/29/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/45/48
EUT: dongle	Engineer Signature: PEI
Mode: TX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



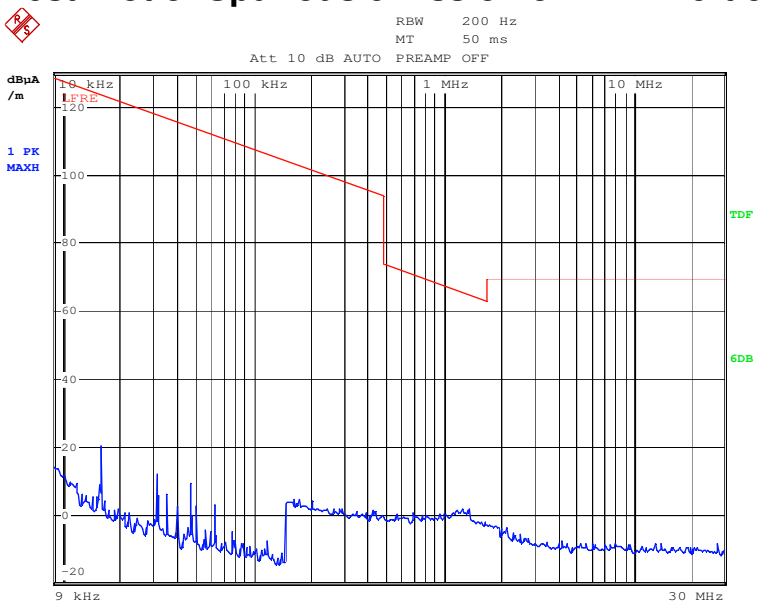
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24958.889	30.86	18.84	49.70	54.00	-4.30	peak			
2	24958.889	18.75	18.84	37.59	54.00	-16.41	AVG			

Test Plot of Spurious emission of A.2 – Horizontal (9kHz – 30MHz)



Date: 29.DEC.2012 14:27:02

Test Plot of Spurious emission of A.2 – Vertical (9kHz – 30MHz)



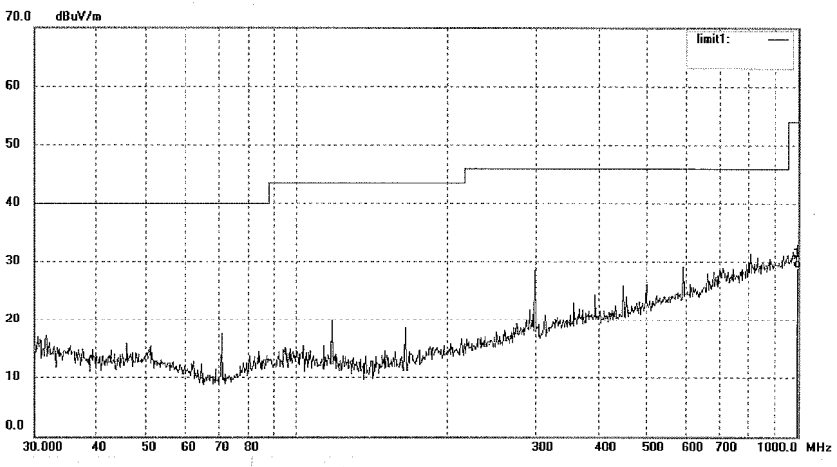
Date: 29.DEC.2012 14:40:27

Test Plot of Spurious emission of A.2 – Horizontal (30MHz – 1GHz)

ATC®
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.: PYH #538	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 8/39/38
EUT: dongle	Engineer Signature: PEI
Mode: TX 2440MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	996.4926	0.06	28.99	29.05	54.00	-24.95	QP			

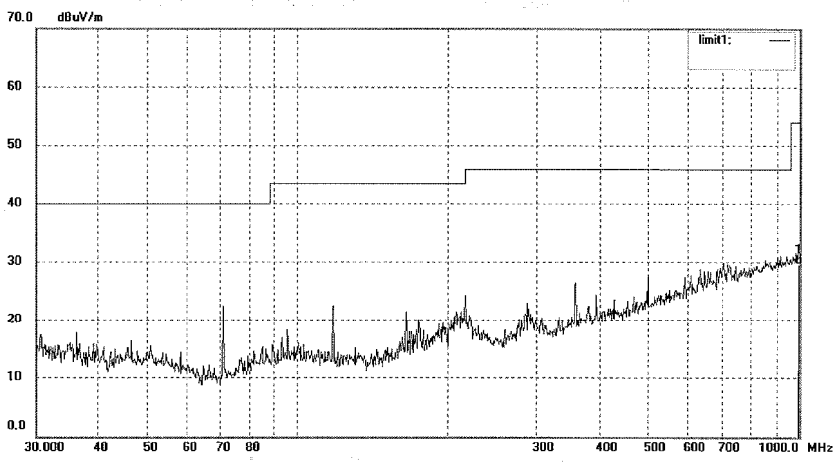
Test Plot of Spurious emission of A.2 – Vertical (30MHz – 1GHz)

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.: PYH #537	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 8/31/25
EUT: dongle	Engineer Signature: PEI
Mode: TX 2440MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	996.4926	0.68	28.99	29.67	54.00	-24.33	QP			

Test Plot of Spurious emission of A.2 –Horizontal (1GHz – 18GHz)

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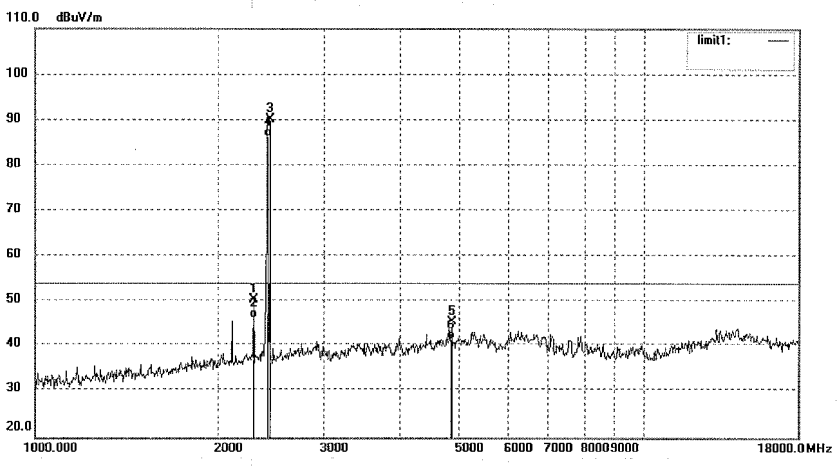
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PYH #589
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 26 C / 56 %
EUT: dongle
Mode: TX 2440MHz
Model:
Manufacturer:

Polarization: Horizontal
Power Source: DC 5V
Date: 12/12/28/
Time: 17/30/25
Engineer Signature: PEI
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	2290.575	58.33	-7.88	50.45	74.00	-23.55	peak			
2	2290.575	54.43	-7.88	46.55	54.00	-7.45	AVG			
3	2439.521	97.46	-7.36	90.10	114.00	-23.90	peak			
4	2439.521	93.57	-7.36	86.21	94.00	-7.79	AVG			
5	4879.084	45.36	0.13	45.49	74.00	-28.51	peak			
6	4879.084	41.42	0.13	41.55	54.00	-12.45	AVG			

Test Plot of Spurious emission of A.2 –Vertical (1GHz – 18GHz)

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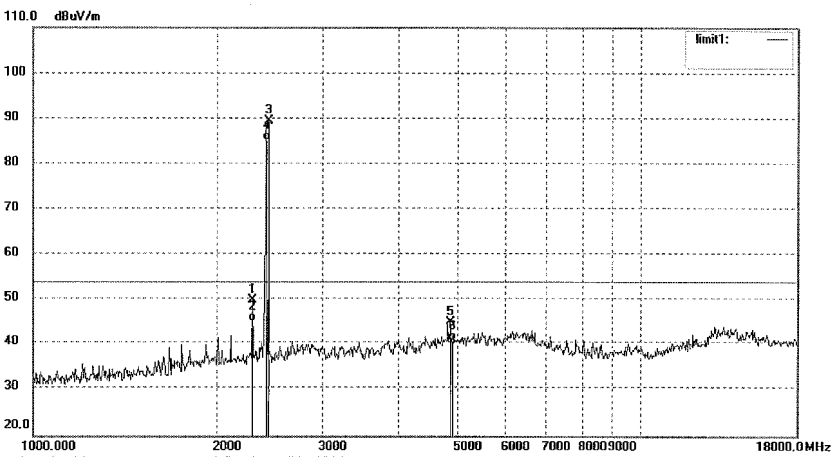
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PYH #588	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 17/21/37
EUT: dongle	Engineer Signature: PEI
Mode: TX 2440MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2290.499	57.98	-7.88	50.10	74.00	-23.90	peak			
2	2290.499	53.18	-7.88	45.30	54.00	-8.70	AVG			
3	2439.535	96.67	-7.36	89.31	114.00	-24.69	peak			
4	2439.535	92.56	-7.36	85.20	94.00	-8.80	AVG			
5	4879.092	44.97	0.13	45.10	74.00	-28.90	peak			
6	4879.092	40.78	0.13	40.91	54.00	-13.09	AVG			

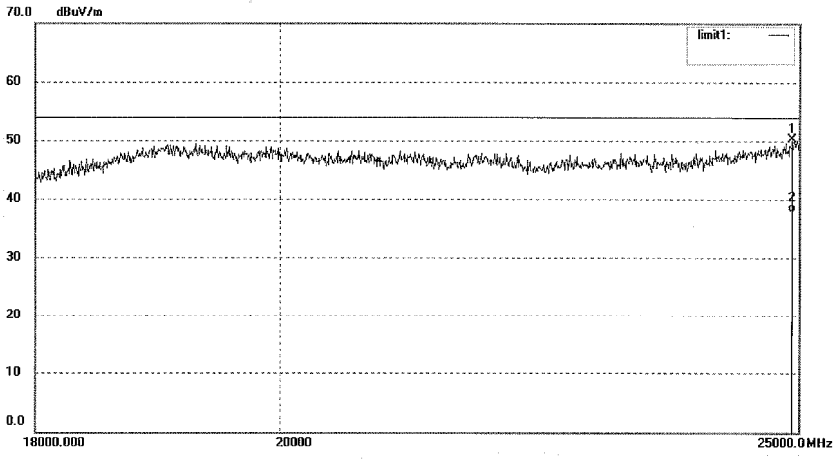
Test Plot of Spurious emission of A.2 –Horizontal (18GHz – 25GHz)

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.: PYH #614	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/29/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/55/34
EUT: dongle	Engineer Signature: PEI
Mode: TX 2440MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24934.254	31.52	18.81	50.33	54.00	-3.67	peak			
2	24934.254	19.01	18.81	37.82	54.00	-16.18	AVG			

Test Plot of Spurious emission of A.2 –Vertical (18GHz – 25GHz)

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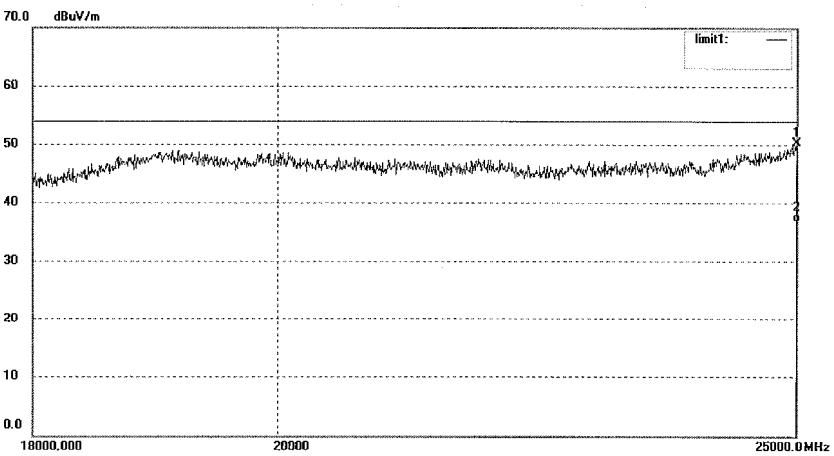
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

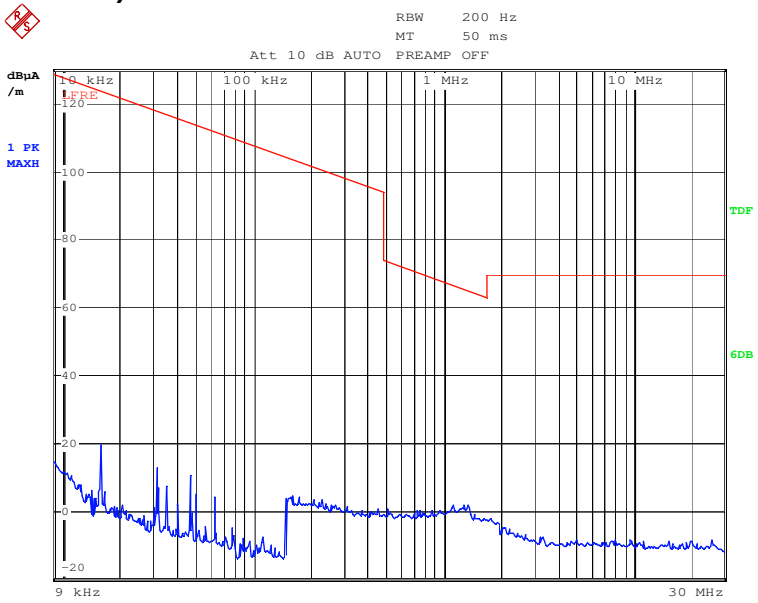
Job No.: PYH #615	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/29/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/04/57
EUT: dongle	Engineer Signature: PEI
Mode: TX 2440MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



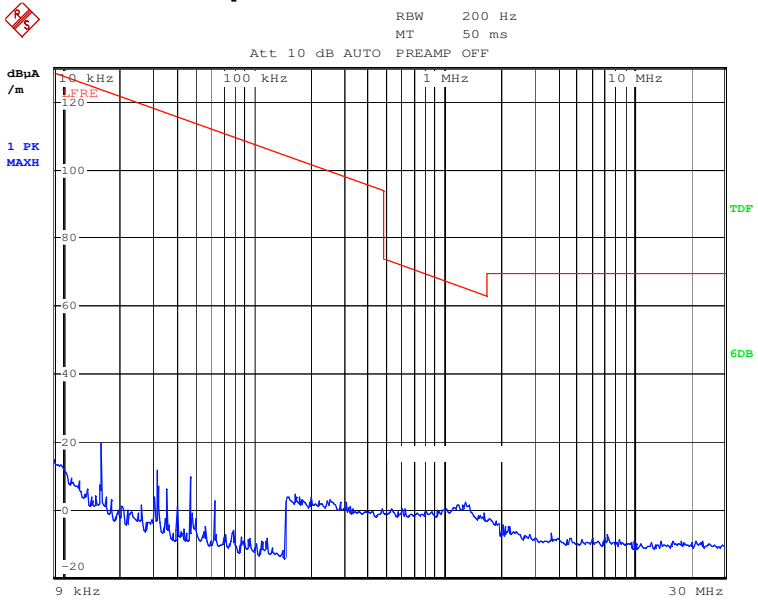
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25000.000	31.38	18.90	50.28	54.00	-3.72	peak			
2	25000.000	17.98	18.90	36.88	54.00	-17.12	AVG			

Test Plot of Spurious emission of A.3 – Horizontal (9kHz – 30MHz)



Date: 29.DEC.2012 14:56:54

Test Plot of Spurious emission of A.3 – Vertical (9kHz – 30MHz)



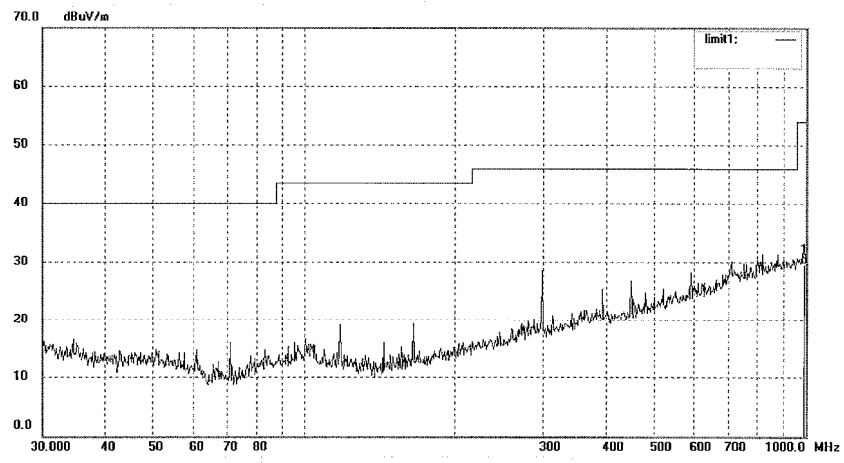
Date: 29.DEC.2012 14:46:30

Test Plot of Spurious emission of A.3 – Horizontal (30MHz – 1GHz)

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.: PYH #539	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 8/48/56
EUT: dongle	Engineer Signature: PEI
Mode: TX 2474MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	992.9975	0.77	28.95	29.72	54.00	-24.28	QP			

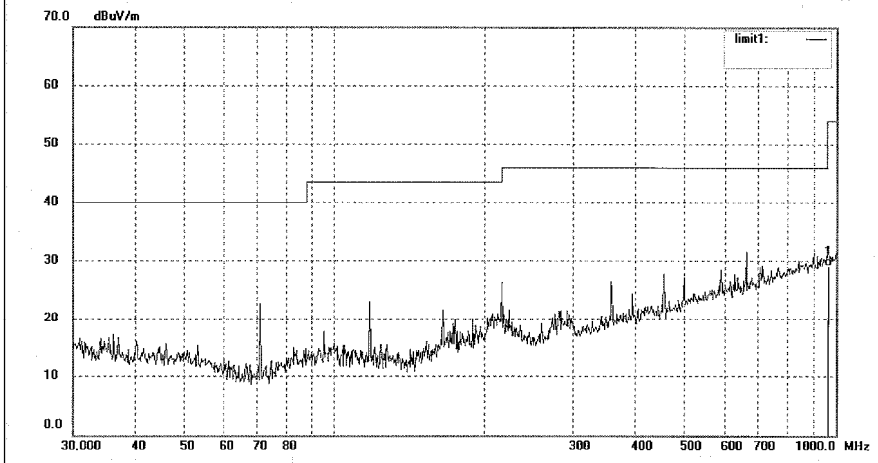
Test Plot of Spurious emission of A.3 – Vertical (30MHz – 1GHz)

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.: PYH #540	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 8/55/11
EUT: dongle	Engineer Signature: PEI
Mode: TX 2474MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	965.4741	0.43	28.69	29.12	54.00	-24.88	QP			

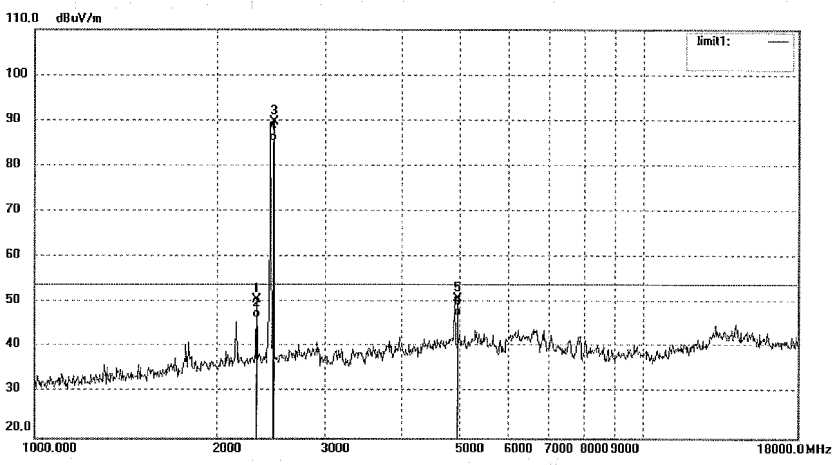
Test Plot of Spurious emission of A.3 – Horizontal (1GHz – 18GHz)

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.: PYH #590	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 17/42/01
EUT: dongle	Engineer Signature: PEI
Mode: TX 2474MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2324.620	58.56	-7.81	50.75	74.00	-23.25	peak			
2	2324.620	54.55	-7.81	46.74	54.00	-7.26	AVG			
3	2473.541	96.91	-7.36	89.55	114.00	-24.45	peak			
4	2473.541	92.76	-7.36	85.40	94.00	-8.60	AVG			
5	4947.075	50.55	0.46	51.01	74.00	-22.99	peak			
6	4947.075	46.60	0.46	47.06	54.00	-6.94	AVG			

Test Plot of Spurious emission of A.3 – Vertical (1GHz – 18GHz)

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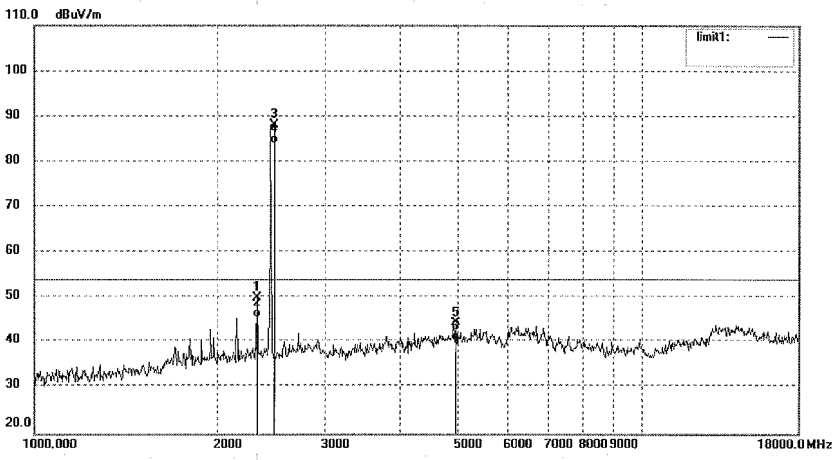
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PYH #591	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 60 %	Time: 17/59/11
EUT: dongle	Engineer Signature: PEI
Mode: TX 2474MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2324.489	57.76	-7.81	49.95	74.00	-24.05	peak			
2	2324.489	53.61	-7.81	45.80	54.00	-8.20	AVG			
3	2473.559	95.34	-7.36	87.98	114.00	-26.02	peak			
4	2473.559	91.40	-7.36	84.04	94.00	-9.96	AVG			
5	4947.060	44.01	0.46	44.47	74.00	-29.53	peak			
6	4947.060	40.00	0.46	40.46	54.00	-13.54	AVG			

Test Plot of Spurious emission of A.3 – Horizontal (18GHz – 25GHz)

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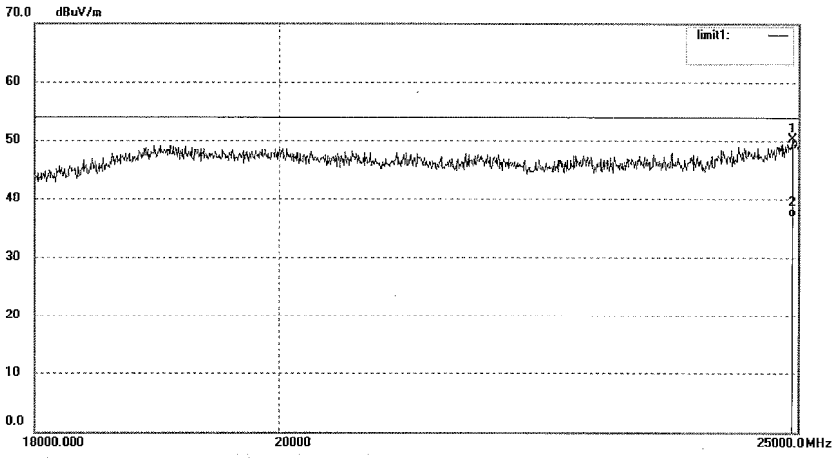
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PYH #617	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/29/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/21/44
EUT: dongle	Engineer Signature: PEI
Mode: TX 2474MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24942.463	31.49	18.82	50.31	54.00	-3.69	peak			
2	24942.463	18.26	18.82	37.08	54.00	-16.92	AVG			

Test Plot of Spurious emission of A.3 – Vertical (18GHz – 25GHz)

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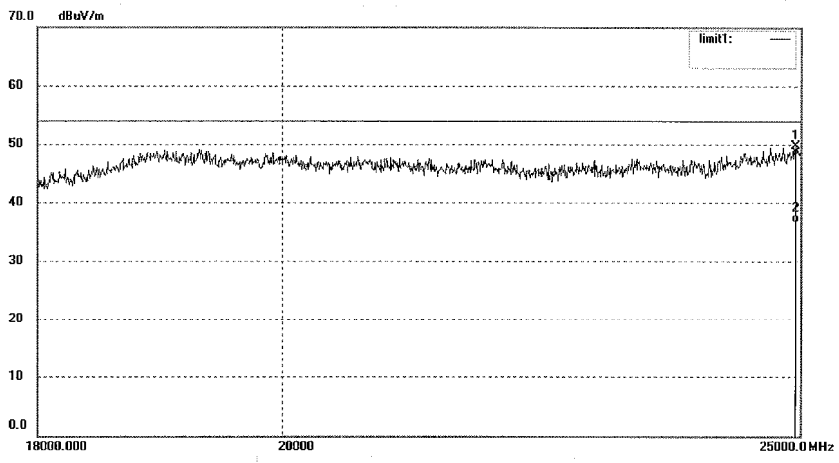
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

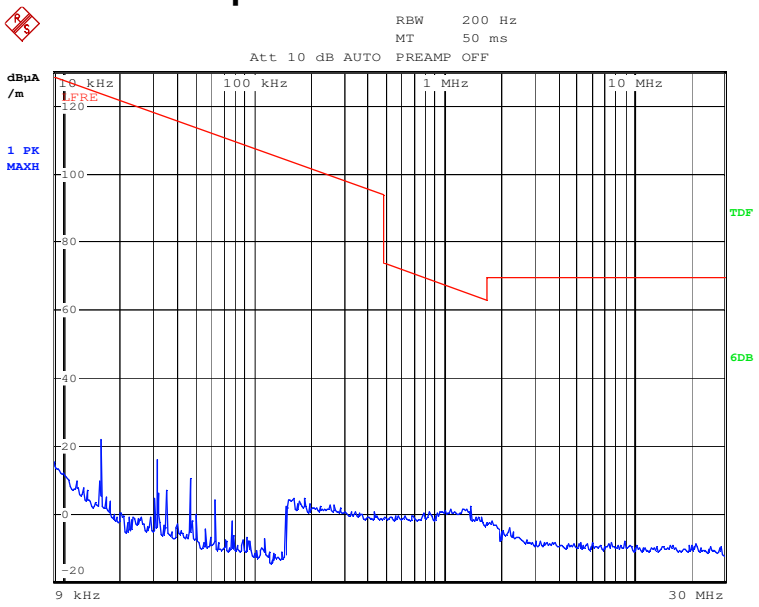
Job No.: PYH #616	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/29/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/13/46
EUT: dongle	Engineer Signature: PEI
Mode: TX 2474MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



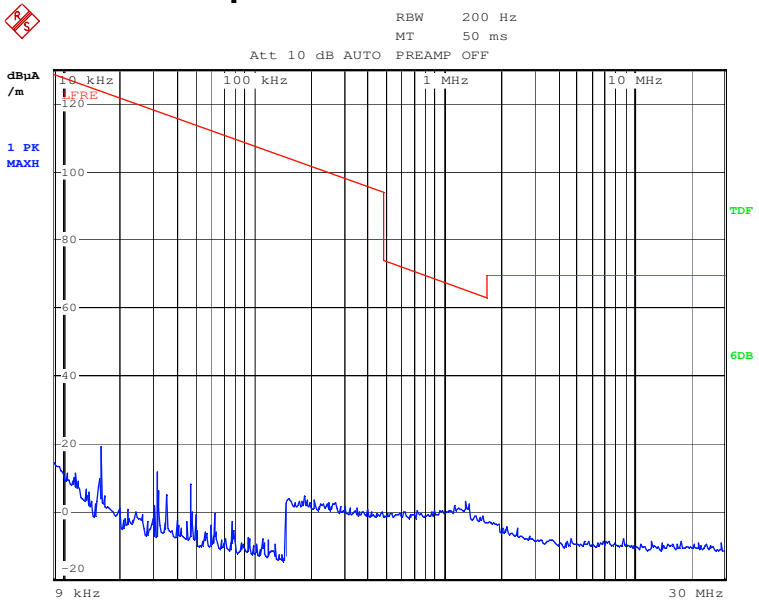
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24950.674	31.04	18.83	49.87	54.00	-4.13	peak			
2	24950.674	17.86	18.83	36.69	54.00	-17.31	AVG			

Test Plot of Spurious emission of C – Horizontal (9kHz – 30MHz)



Date: 29.DEC.2012 15:16:36

Test Plot of Spurious emission of C – Vertical (9kHz – 30MHz)



Date: 29.DEC.2012 15:06:46

Test Plot of Spurious emission of C – Horizontal (30MHz – 1GHz)

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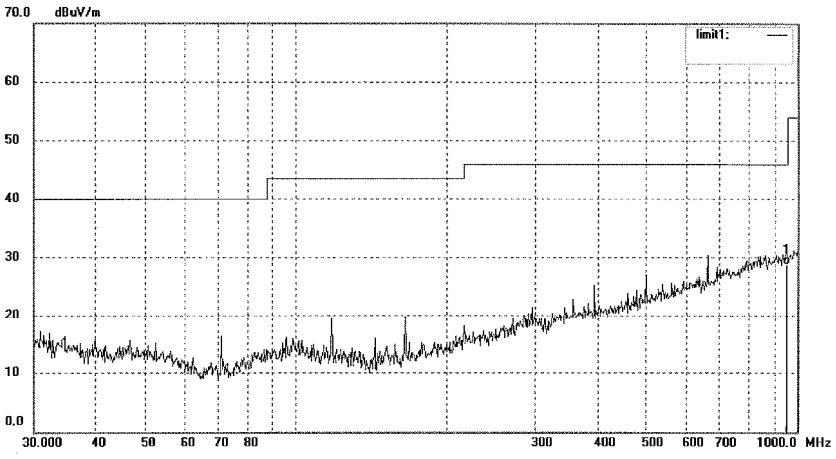
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PYH #542	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 9/12/24
EUT: dongle	Engineer Signature: PEI
Mode: RX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	952.0001	0.26	28.56	28.82	46.00	-17.18	QP			

Test Plot of Spurious emission of C – Vertical (30MHz – 1GHz)

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Tel:+86-0755-26503290
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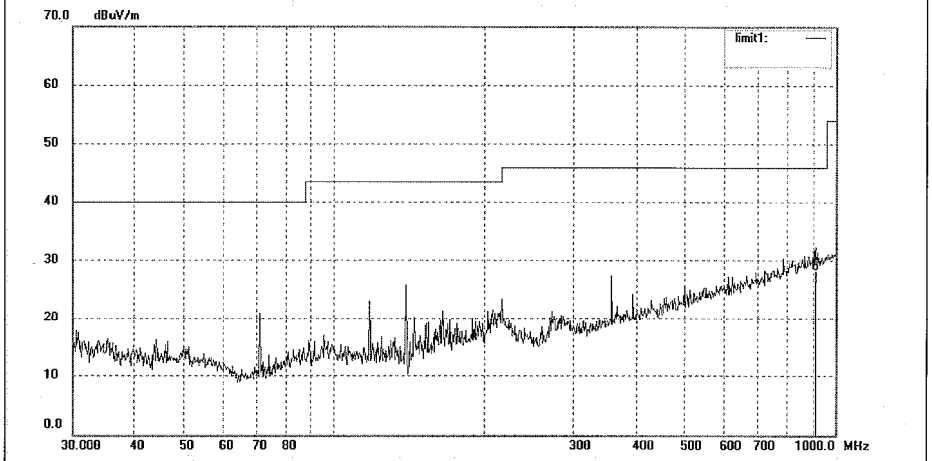
Job No.: PYH #541	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 9/04/47
EUT: dongle	Engineer Signature: PEI
Mode: RX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	912.6953	0.36	27.87	28.23	46.00	-17.77	QP			

Test Plot of Spurious emission of C – Horizontal (1GHz – 18GHz)

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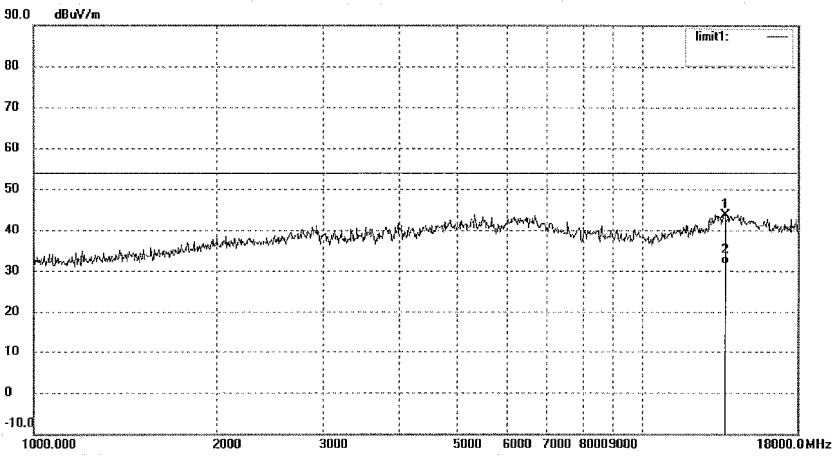
Job No.: PYH #594	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/29/
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 8/57/42
EUT: dongle	Engineer Signature: PEI
Mode: RX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	13695.605	3.72	39.91	43.63	54.00	-10.37	peak			
2	13695.605	-8.21	39.91	31.70	54.00	-22.30	AVG			

Test Plot of Spurious emission of C – Vertical (1GHz – 18GHz)

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Site: 2# Chamber
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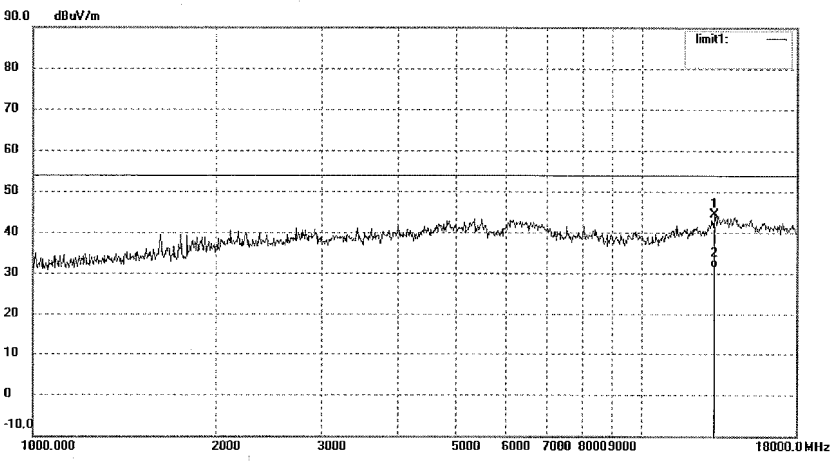
Job No.: PYH #595	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/29/
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 9/10/49
EUT: dongle	Engineer Signature: PEI
Mode: RX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	13224.659	5.04	39.27	44.31	54.00	-9.69	peak			
2	13224.659	-7.77	39.27	31.50	54.00	-22.50	AVG			

Test Plot of Spurious emission of C – Horizontal (18GHz – 25GHz)

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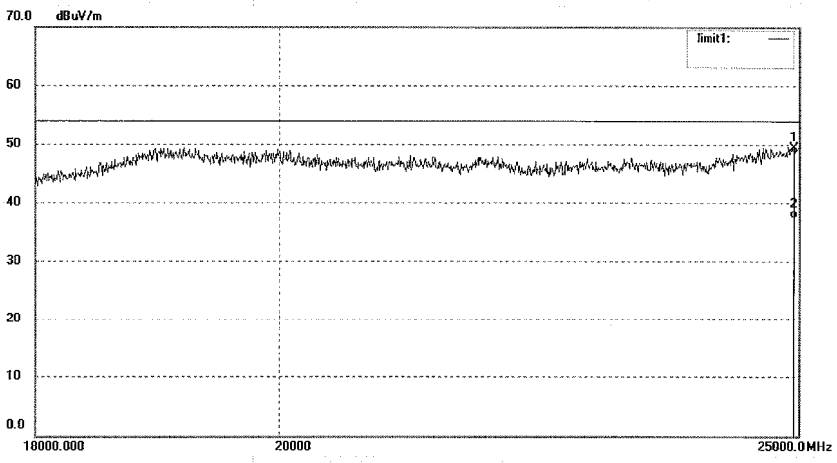
Job No.: PYH #618	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/29/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/30/37
EUT: dongle	Engineer Signature: PEI
Mode: RX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24950.674	30.61	18.83	49.44	54.00	-4.56	peak			
2	24950.674	18.52	18.83	37.35	54.00	-16.65	AVG			

Test Plot of Spurious emission of C – Vertical (18GHz – 25GHz)

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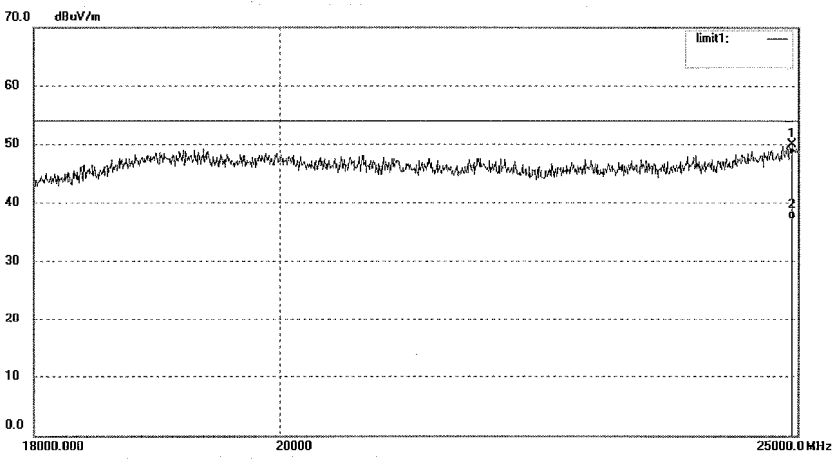
Job No.: PYH #619	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/29/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/38/03
EUT: dongle	Engineer Signature: PEI
Mode: RX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24942.463	31.14	18.82	49.96	54.00	-4.04	peak			
2	24942.463	18.36	18.82	37.18	54.00	-16.82	AVG			

Test Plot of Radiated emissions in restricted bands, Mode A.1, Horizontal

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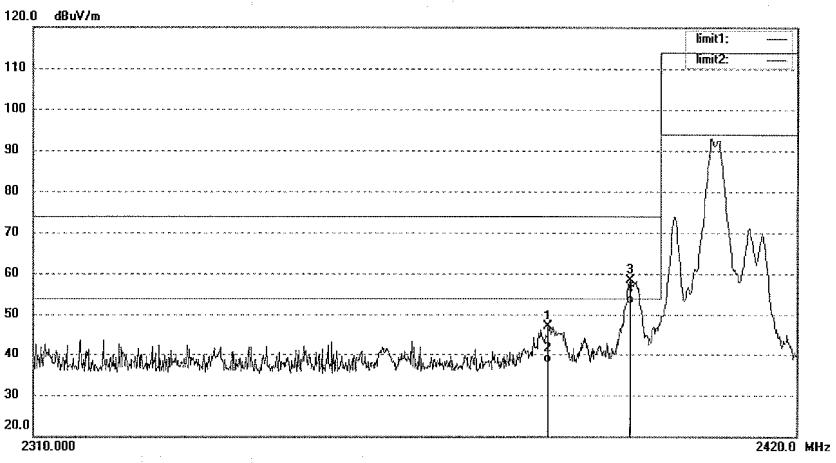
Job No.: PYH #585	Polarization: Horizontal
Standard: FCC Part 15 Band Edge (2.4G)	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 16/48/27
EUT: dongle	Engineer Signature: PEI
Mode: TX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2383.560	54.43	-7.57	46.86	74.00	-27.14	peak			
2	2383.560	45.57	-7.57	38.00	54.00	-16.00	AVG			
3	2395.521	65.97	-7.49	58.48	74.00	-15.52	peak			
4	2395.521	60.09	-7.49	52.60	54.00	-1.40	AVG			

Test Plot of Radiated emissions in restricted bands, Mode A.1, Vertical

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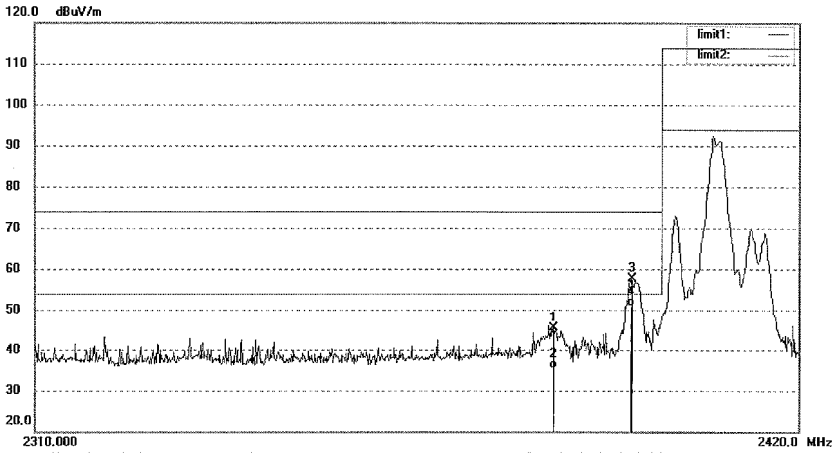
Job No.: PYH #584	Polarization: Vertical
Standard: FCC Part 15 Band Edge (2.4G)	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/28/
Temp.(C)/Hum.(%) 26 C / 56 %	Time: 16/36/54
EUT: dongle	Engineer Signature: PEI
Mode: TX 2408MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2384.282	53.01	-7.56	45.45	74.00	-28.55	peak			
2	2384.282	42.93	-7.56	35.37	54.00	-18.63	AVG			
3	2395.667	65.04	-7.49	57.55	74.00	-16.45	peak			
4	2395.667	58.29	-7.49	50.80	54.00	-3.20	AVG			

Test Plot of Radiated emissions in restricted bands, Mode A.3, Horizontal

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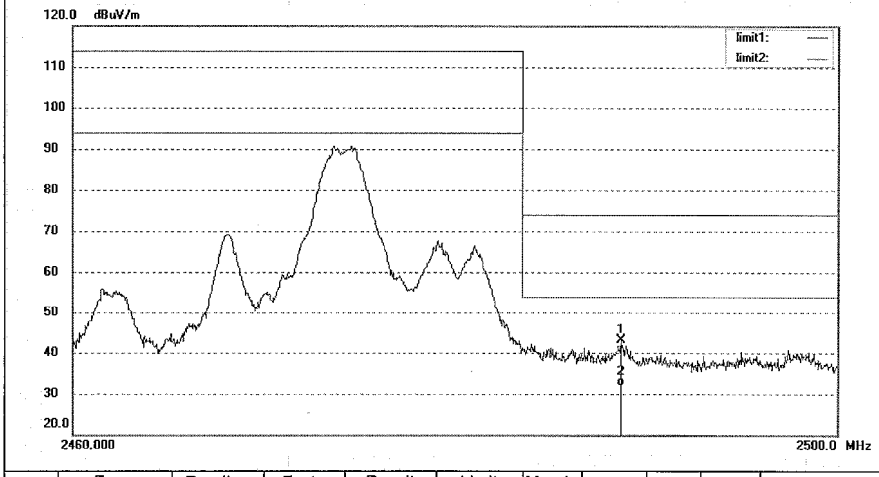
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PYH #593	Polarization: Horizontal
Standard: FCC Part 15 Band Edge (2.4G)	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/29/
Temp.(C)/Hum.(%) 26 C / 55 %	Time: 8/48/59
EUT: dongle	Engineer Signature: PEI
Mode: TX 2474MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2488.632	50.47	-7.38	43.09	74.00	-30.91	peak			
2	2488.632	39.17	-7.38	31.79	54.00	-22.21	AVG			

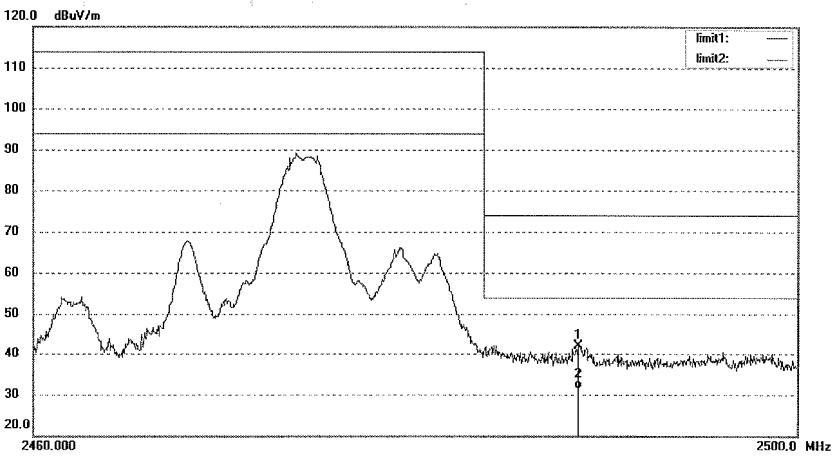
Test Plot of Radiated emissions in restricted bands, Mode A.3, Vertical

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.: PYH #592	Polarization: Vertical
Standard: FCC Part 15 Band Edge (2.4G)	Power Source: DC 5V
Test item: Radiation Test	Date: 12/12/29/
Temp.(C)/Hum.(%) 26 C / 60 %	Time: 8/39/11
EUT: dongle	Engineer Signature: PEI
Mode: TX 2474MHz	Distance: 3m
Model:	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2488.511	49.38	-7.38	42.00	74.00	-32.00	peak			
2	2488.511	38.88	-7.38	31.50	54.00	-22.50	AVG			

Test Plot of Conducted emissions in restricted bands, Mode A, Line live

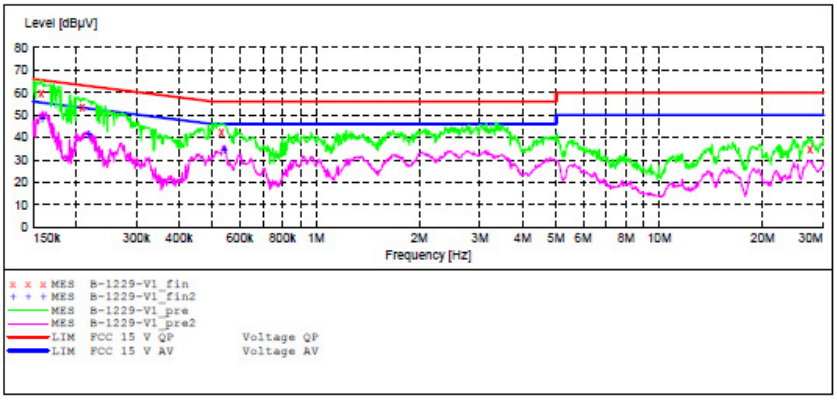
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                dongle
Manufacturer:
Operating Condition: A
Test Site:          1#Shielding Room
Operator:           Bob
Test Specification: L 120V/60Hz
Comment:
Start of Test:      12/29/2012 / 5:30:33PM
```

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   0.8 %     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                Average
```



MEASUREMENT RESULT: "B-1229-V1_fin"

12/29/2012 5:34PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.158622	60.00	11.2	66	5.5	QP	L1	GND
0.208925	53.40	11.2	63	9.8	QP	L1	GND
0.529596	42.60	11.3	56	13.4	QP	L1	GND

MEASUREMENT RESULT: "B-1229-V1_fin2"

12/29/2012 5:34PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.159893	48.40	11.2	56	7.1	AV	L1	GND
0.217434	41.90	11.2	53	11.0	AV	L1	GND
0.540273	34.90	11.3	46	11.1	AV	L1	GND

Test Plot of Conducted emissions in restricted bands, Mode A, Line neutral

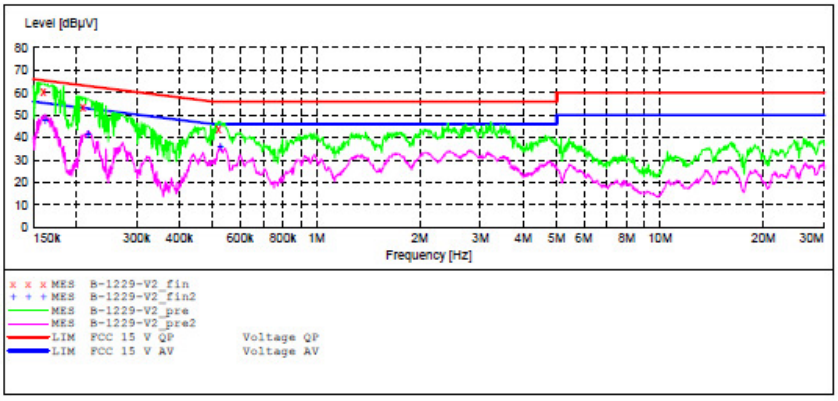
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                    dongle
Manufacturer:
Operating Condition:    A
Test Site:              1#Shielding Room
Operator:               Bob
Test Specification:     N 120V/60Hz
Comment:
Start of Test:          12/29/2012 / 5:35:21PM
```

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   0.8 %     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "B-1229-V2_fin"

12/29/2012 5:37PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.160533	60.20	11.2	65	5.2	QP	N	GND
0.209760	53.70	11.2	63	9.5	QP	N	GND
0.519130	43.70	11.2	56	12.3	QP	N	GND

MEASUREMENT RESULT: "B-1229-V2_fin2"

12/29/2012 5:37PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.162467	48.10	11.2	55	7.2	AV	N	GND
0.216567	41.40	11.2	53	11.5	AV	N	GND
0.525384	35.80	11.3	46	10.2	AV	N	GND