APPLICATION FOR VERIFICATION
On Behalf of
SHENZHEN AINOL ELECTRON CO.,LTD

Numy 3G serials-AX1 SPEC
Model No.: Numy 3G AX1

FCC ID: 2ABTP-NUMY-3G

Prepared for	:	SHENZHEN AINOL ELECTRON CO.,LTD
Address	:	Room 606,Bldg B,7 Star Business Plaza, Minzhi Street, Longhua District, Shenzhen, China
Prepared by	:	Accurate Technology Co., Ltd.
Address	:	F1, Bldg. A&D, Changyuan New Material Port, Keyuan Rd., Science & Industry Park, Nanshan District, Shenzhen 518057, P.R. China Tel: +86-755-26503290 Fax: +86-755-26503396

Report No.	:	ATE20132566
Date of Test	:	Dec 02, 2013-Feb 15, 2014
Date of Report	:	Feb 15, 2014

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Description Page

Test Report Declaration

Applicant : SHENZHEN AINOL ELECTRON CO.,LTD

Manufacturer : SHENZHEN AINOL ELECTRON CO.,LTD

EUT Description : Numy 3G serials-AX1 SPEC

(A) MODEL NO.: Numy 3G AX1

(B) Trade Name.: Ainol

(C) POWER SUPPLY: DC 3.7V (Powered by battery) or AC 120V/60Hz (Powered by adapter)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B Class B & ANSI C63.4: 2009

The device described above is tested by Accurate Technology Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and Accurate Technology Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Accurate Technology Co., Ltd.

Date of Test : Dec 02, 2013-Feb 15, 2014

Prepared by : Tim Zhang

(Tim.zhang, Engineer)

Approved & Authorized Signer :

(Sean, Manager)

1. TEST RESULTS SUMMARY

Test Items	Test Standard	Test Results
Power Line Conducted Emission	FCC Part 15 Subpart B	Pass
Radiated Emission	FCC Part 15 Subpart B	Pass

2. GENERAL INFORMATION

2.1.Product of Device (EUT)

Product	:	Numy 3G serials-AX1 SPEC
Model No.	:	Numy 3G AX1
Applicant	:	SHENZHEN AINOL ELECTRON CO.,LTD
Address	:	Room 606,Bldg B,7 Star Business Plaza, Minzhi Street, Longhua District, Shenzhen, China
Manufacturer	:	SHENZHEN AINOL ELECTRON CO.,LTD
Address	:	Room 606,Bldg B,7 Star Business Plaza, Minzhi Street, Longhua District, Shenzhen, China
Power Supply	:	DC 3.7V (Powered by Battery) AC 120V/60Hz (Powered by Adapter)
Adapter	:	Model:SJ-0520-E Input: AC 100-240V 50/60Hz 0.3A Output: 5.0V 2.0A
Date of sample received	:	Dec 02, 2013
Date of Test	:	Dec 02, 2013-Feb 15, 2014

2.2.Accessory and Auxiliary Equipment

HDTV	Manufacturer: DELL M/N: 1704FPTt Serial No.: 709913441

2.3.Description of Test Facility

EMC Lab : Accredited by TUV Rheinland Shenzhen, May 10, 2004

Listed by FCC
The Registration Number is 253065
Listed by FCC
The Registration Number is 752051

Listed by Industry Canada
The Registration Number is 5077A-1
Listed by Industry Canada
The Registration Number is 5077A-2

Accredited by China National Accreditation Committee for Laboratories
The Certificate Registration Number is L3193

Name of Firm : Accurate Technology Co., Ltd.
Site Location : F1, Bldg. A&D, Changyuan New Material Port, Keyuan Rd., Science & Industry Park, Nanshan District, Shenzhen 518057, P.R. China

2.4.Measurement Uncertainty

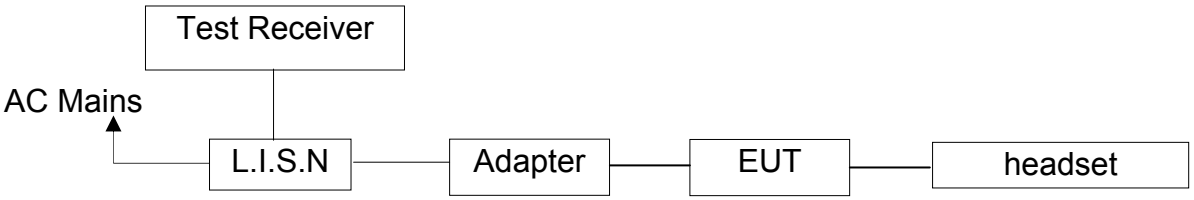
Conducted emission expanded uncertainty	:	U=2.23dB, k=2
Power disturbance expanded uncertainty	:	U=2.92dB, k=2
Radiated emission expanded uncertainty (9kHz-30MHz)	:	U=3.08dB, k=2
Radiated emission expanded uncertainty (30MHz-1000MHz)	:	U=4.42dB, k=2
Radiated emission expanded uncertainty (Above 1GHz)	:	U=4.06dB, k=2

3. POWER LINE CONDUCTED MEASUREMENT

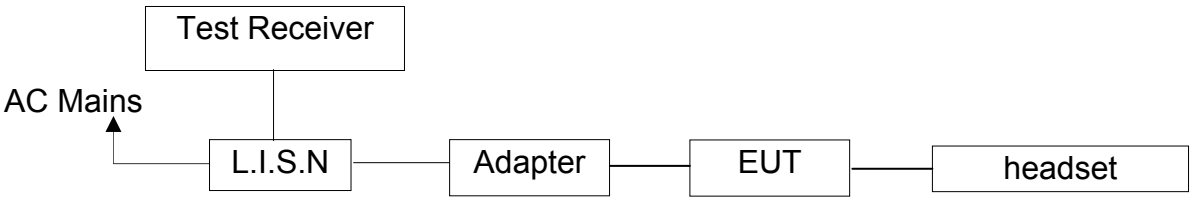
3.1. For Power Line Conducted Emission

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCS30	100307	Jan. 11, 2014	1 Year
2.	L.I.S.N.	Schwarzbeck	NLSK8126	8126431	Jan. 11, 2014	1 Year
3.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	Jan. 11, 2014	1 Year
4.	50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	Jan. 11, 2014	1 Year
Expanded Uncertainty: U= 2.23dB, k=2						

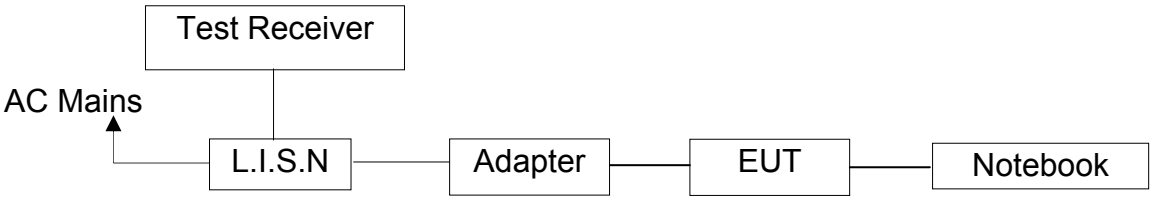
3.2. Block Diagram of Test Setup



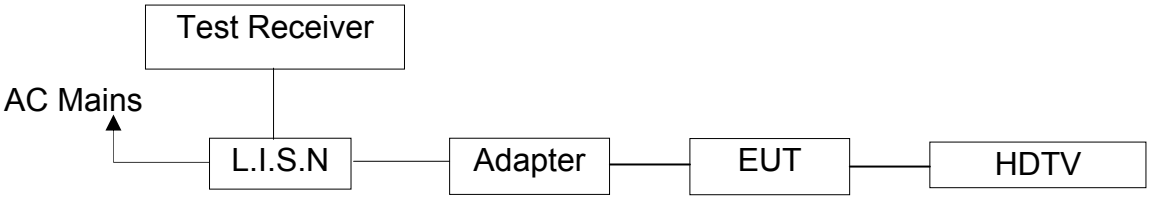
(Mode1: Charging&Playing)



(Mode2: Charging&Camera)



(Mode3: Charging&Transfer data)



(Mode4: Charging&HDMI)

3.3. Power Line Conducted Emission Measurement Limits (Class B)

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15—0.50	66—56*	56—46*
0.50—5.00	56	46
5.00—30.0	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

3.4. Configuration of EUT on Measurement

The equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner, which tends to maximize its emission characteristics in a normal application.

3.5. Operating Condition of EUT

3.5.1.Setup the EUT and simulator as shown as Section 3.2.

3.5.2.Turn on the power of all equipment.

3.5.3.Let the EUT work in test mode and measure it.

3.6. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2009 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

3.7. Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150kHz to 30MHz is checked.

Test mode : Charging+Playing

MEASUREMENT RESULT: "AN01_fin"

2013-12-3 14:35

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.191764	57.70	10.8	64	6.3	QP	L1	GND
0.240070	52.10	11.2	62	10.0	QP	L1	GND
0.529400	44.50	12.5	56	11.5	QP	L1	GND

MEASUREMENT RESULT: "AN01_fin2"

2013-12-3 14:35

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.191764	44.80	10.8	54	9.2	AV	L1	GND
0.527817	41.30	12.5	46	4.7	AV	L1	GND
2.543741	39.20	12.3	46	6.8	AV	L1	GND

MEASUREMENT RESULT: "AN02_fin"

2013-12-3 14:37

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.191191	54.60	10.8	64	9.4	QP	N	GND
0.527817	40.60	12.5	56	15.4	QP	N	GND
29.753563	47.80	12.0	60	12.2	QP	N	GND

MEASUREMENT RESULT: "AN02_fin2"

2013-12-3 14:37

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.430546	40.10	12.2	47	7.1	AV	N	GND
0.526238	40.70	12.5	46	5.3	AV	N	GND
2.528547	36.10	12.3	46	9.9	AV	N	GND

Test mode : Charging+ Camera

MEASUREMENT RESULT: "AN04_fin"

2013-12-3 14:43

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.523095	45.70	12.5	56	10.3	QP	L1	GND
2.417448	42.40	12.3	56	13.6	QP	L1	GND
27.939548	47.90	12.0	60	12.1	QP	L1	GND

MEASUREMENT RESULT: "AN04_fin2"

2013-12-3 14:43

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.427974	39.10	12.2	47	8.2	AV	L1	GND
0.476707	37.70	12.4	46	8.7	AV	L1	GND
0.523095	41.50	12.5	46	4.5	AV	L1	GND

MEASUREMENT RESULT: "AN03_fin"

2013-12-3 14:41

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.190049	50.60	10.8	64	13.4	QP	N	GND
0.524664	42.40	12.5	56	13.6	QP	N	GND
28.875509	48.20	12.0	60	11.8	QP	N	GND

MEASUREMENT RESULT: "AN03_fin2"

2013-12-3 14:41

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.429258	39.60	12.2	47	7.7	AV	N	GND
0.524664	39.80	12.5	46	6.2	AV	N	GND
2.468673	37.70	12.3	46	8.3	AV	N	GND

Test mode : Charging+ Transfer data

MEASUREMENT RESULT: "AN07_fin"

2013-12-3 15:15

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.176336	59.30	10.6	65	5.4	QP	L1	GND
3.515392	39.30	12.3	56	16.7	QP	L1	GND
16.343775	38.50	12.1	60	21.5	QP	L1	GND

MEASUREMENT RESULT: "AN07_fin2"

2013-12-3 15:15

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170110	42.50	10.6	55	12.5	AV	L1	GND
3.330864	28.70	12.3	46	17.3	AV	L1	GND
16.343775	32.10	12.1	50	17.9	AV	L1	GND

MEASUREMENT RESULT: "AN08_fin"

2013-12-3 15:19

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.174236	57.10	10.6	65	7.7	QP	N	GND
3.320902	37.20	12.3	56	18.8	QP	N	GND
15.532326	36.90	12.1	60	23.1	QP	N	GND

MEASUREMENT RESULT: "AN08_fin2"

2013-12-3 15:19

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.174236	41.10	10.6	55	13.7	AV	N	GND
2.910817	28.30	12.3	46	17.7	AV	N	GND
16.441985	31.20	12.1	50	18.8	AV	N	GND

Note: During the test, Let the EUT and PC maintain the status of transfer data to each other

Test mode : Charging+ HDMI Playing

MEASUREMENT RESULT: "AN10_fin"

2013-12-3 15:23

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.523095	45.30	12.5	56	10.7	QP	L1	GND
2.513444	44.00	12.3	56	12.0	QP	L1	GND
15.301424	47.50	12.1	60	12.5	QP	L1	GND

MEASUREMENT RESULT: "AN10_fin2"

2013-12-3 15:23

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.427974	40.70	12.2	47	6.6	AV	L1	GND
0.523095	41.90	12.5	46	4.1	AV	L1	GND
2.513444	35.60	12.3	46	10.4	AV	L1	GND

MEASUREMENT RESULT: "AN09_fin"

2013-12-3 15:22

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.524664	46.00	12.5	56	10.0	QP	N	GND
2.468673	45.00	12.3	56	11.0	QP	N	GND
15.861456	47.10	12.1	60	12.9	QP	N	GND

MEASUREMENT RESULT: "AN09_fin2"

2013-12-3 15:22

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.475281	41.10	12.4	46	5.3	AV	N	GND
0.523095	43.40	12.5	46	2.6	AV	N	GND
2.468673	36.90	12.3	46	9.1	AV	N	GND

Note: During the test, Let HDTV display the content of EUT.

Emissions attenuated more than 20 dB below the permissible value are not reported.

The spectral diagrams are attached as below.

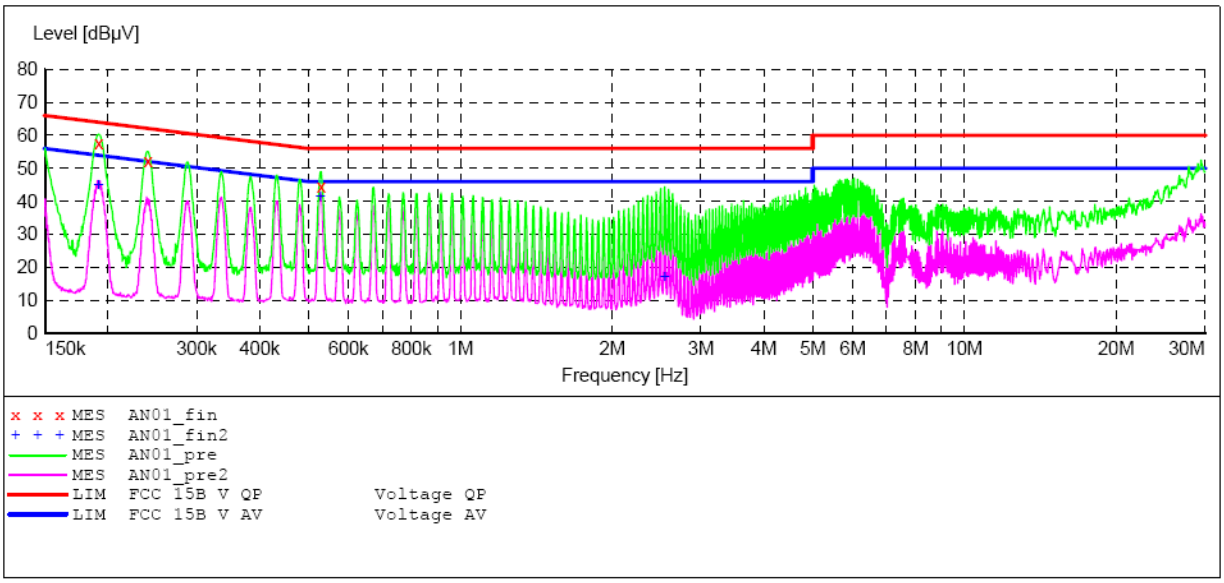
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

```
EUT:                  Numy 3G serials-AX1 SPEC   M/N:Numy 3G
Manufacturer:         AINOL
Operating Condition:  Charging+Playing
Test Site:            2#Shielding Room
Operator:             star
Test Specification:   L    120V/60Hz
Comment:              Report NO.:ATE20132566
Start of Test:        2013-12-3 / 14:33:30
```

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   0.4 %     QuasiPeak 1.0 s     9 kHz    LISN(ESH3-Z5)
                                  Average
```



MEASUREMENT RESULT: "AN01_fin"

2013-12-3 14:35

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.191764	57.70	10.8	64	6.3	QP	L1	GND
0.240070	52.10	11.2	62	10.0	QP	L1	GND
0.529400	44.50	12.5	56	11.5	QP	L1	GND

MEASUREMENT RESULT: "AN01_fin2"

2013-12-3 14:35

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.191764	44.80	10.8	54	9.2	AV	L1	GND
0.527817	41.30	12.5	46	4.7	AV	L1	GND
2.543741	39.20	12.3	46	6.8	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

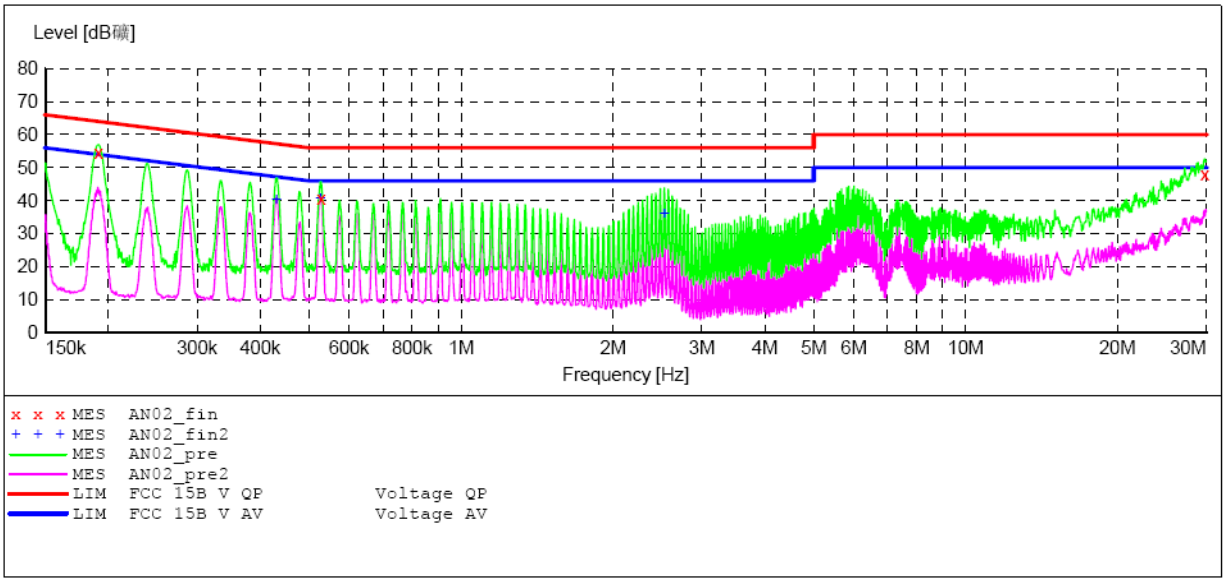
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Numy 3G serials-AX1 SPEC M/N:Numy 3G
Manufacturer: AINOL
Operating Condition: Charging+Playing
Test Site: 2#Shielding Room
Operator: star
Test Specification: N 120V/60Hz
Comment: Report NO.:ATE20132566
Start of Test: 2013-12-3 / 14:35:48

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

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.4 %	QuasiPeak Average	1.0 s	9 kHz	LISN(ESH3-Z5)



MEASUREMENT RESULT: "AN02_fin"

2013-12-3 14:37

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.191191	54.60	10.8	64	9.4	QP	N	GND
0.527817	40.60	12.5	56	15.4	QP	N	GND
29.753563	47.80	12.0	60	12.2	QP	N	GND

MEASUREMENT RESULT: "AN02_fin2"

2013-12-3 14:37

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.430546	40.10	12.2	47	7.1	AV	N	GND
0.526238	40.70	12.5	46	5.3	AV	N	GND
2.528547	36.10	12.3	46	9.9	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

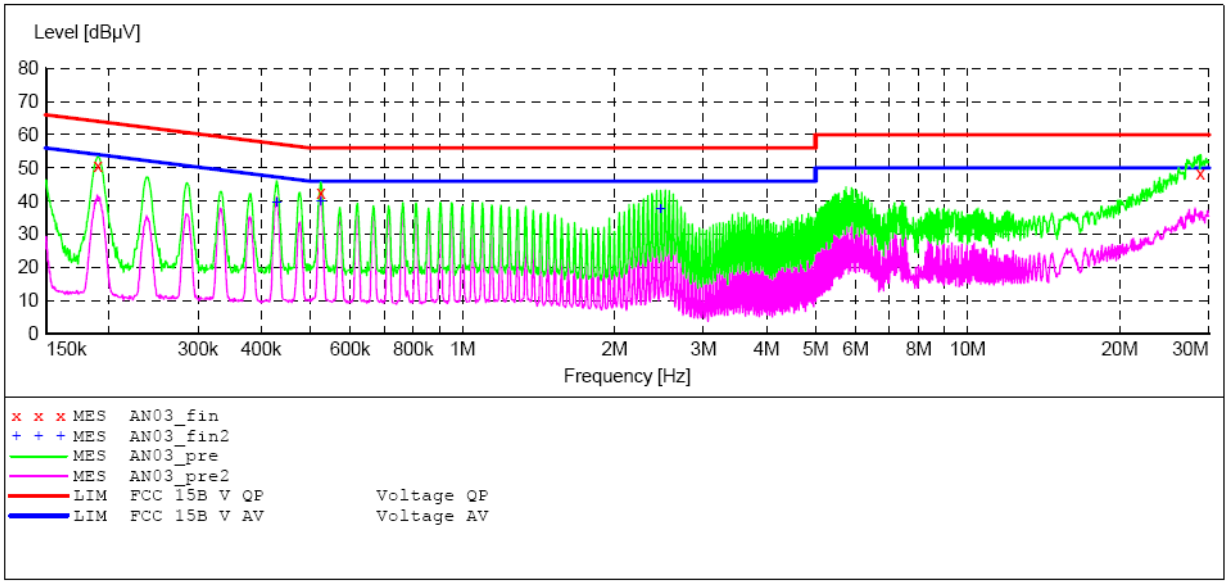
CONDUCTED EMISSION STANDARD FCC PART 15B

```
EUT:                  Numy 3G serials-AX1 SPEC   M/N:Numy 3G
Manufacturer:         AINOL
Operating Condition:  Camera
Test Site:            2#Shielding Room
Operator:             star
Test Specification:   N    120V/60Hz
Comment:              Report NO.:ATE20132566
Start of Test:        2013-12-3 / 14:39:49
```

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

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.4 %	QuasiPeak Average	1.0 s	9 kHz	LISN(ESH3-Z5)



MEASUREMENT RESULT: "AN03_fin"

2013-12-3 14:41

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.190049	50.60	10.8	64	13.4	QP	N	GND
0.524664	42.40	12.5	56	13.6	QP	N	GND
28.875509	48.20	12.0	60	11.8	QP	N	GND

MEASUREMENT RESULT: "AN03_fin2"

2013-12-3 14:41

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.429258	39.60	12.2	47	7.7	AV	N	GND
0.524664	39.80	12.5	46	6.2	AV	N	GND
2.468673	37.70	12.3	46	8.3	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

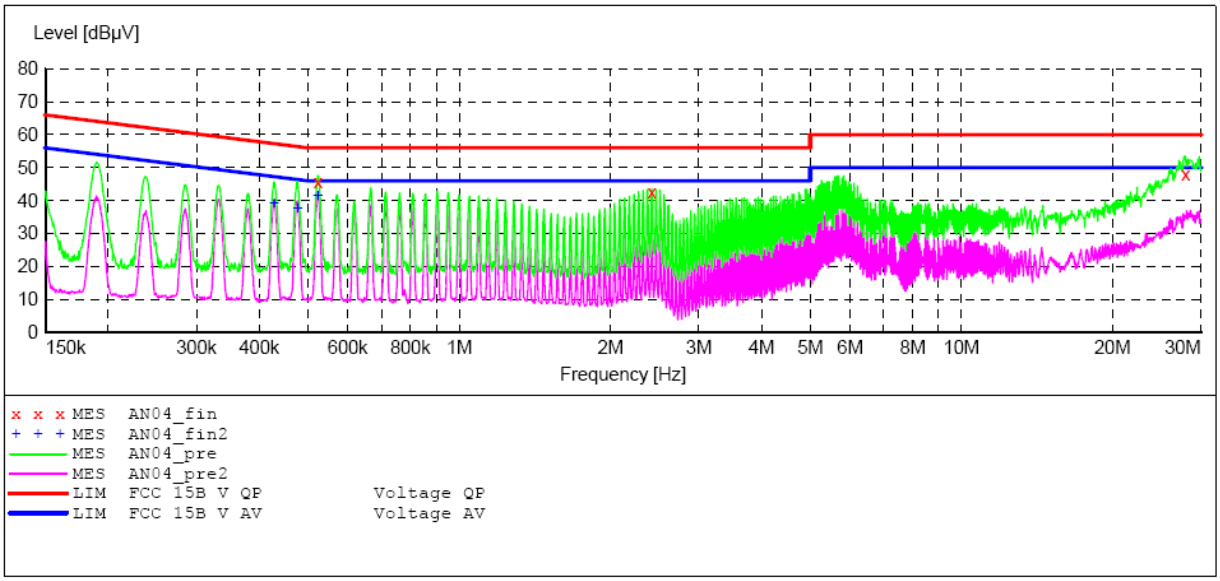
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Numy 3G serials-AX1 SPEC M/N:Numy 3G
Manufacturer: AINOL
Operating Condition: Camera
Test Site: 2#Shielding Room
Operator: star
Test Specification: L 120V/60Hz
Comment: Report NO.:ATE20132566
Start of Test: 2013-12-3 / 14:41:36

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

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.4 %	QuasiPeak Average	1.0 s	9 kHz	LISN(ESH3-Z5)



MEASUREMENT RESULT: "AN04_fin"

2013-12-3 14:43

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.523095	45.70	12.5	56	10.3	QP	L1	GND
2.417448	42.40	12.3	56	13.6	QP	L1	GND
27.939548	47.90	12.0	60	12.1	QP	L1	GND

MEASUREMENT RESULT: "AN04_fin2"

2013-12-3 14:43

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.427974	39.10	12.2	47	8.2	AV	L1	GND
0.476707	37.70	12.4	46	8.7	AV	L1	GND
0.523095	41.50	12.5	46	4.5	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

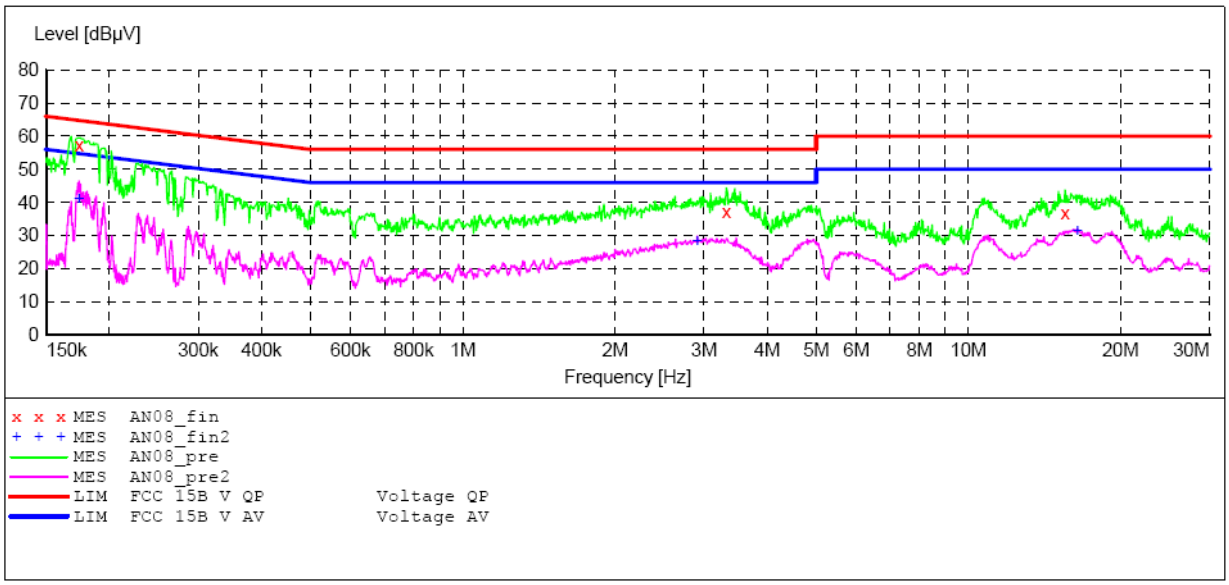
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Numy 3G serials-AX1 SPEC M/N:Numy 3G
Manufacturer: AINOL
Operating Condition: Transfer data
Test Site: 2#Shielding Room
Operator: star
Test Specification: N 120V/60Hz
Comment: Report NO.:ATE20132566
Start of Test: 2013-12-3 / 15:16:03

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

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.4 %	QuasiPeak Average	1.0 s	9 kHz	LISN(ESH3-Z5)



MEASUREMENT RESULT: "AN08_fin"

2013-12-3 15:19

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.174236	57.10	10.6	65	7.7	QP	N	GND
3.320902	37.20	12.3	56	18.8	QP	N	GND
15.532326	36.90	12.1	60	23.1	QP	N	GND

MEASUREMENT RESULT: "AN08_fin2"

2013-12-3 15:19

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.174236	41.10	10.6	55	13.7	AV	N	GND
2.910817	28.30	12.3	46	17.7	AV	N	GND
16.441985	31.20	12.1	50	18.8	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

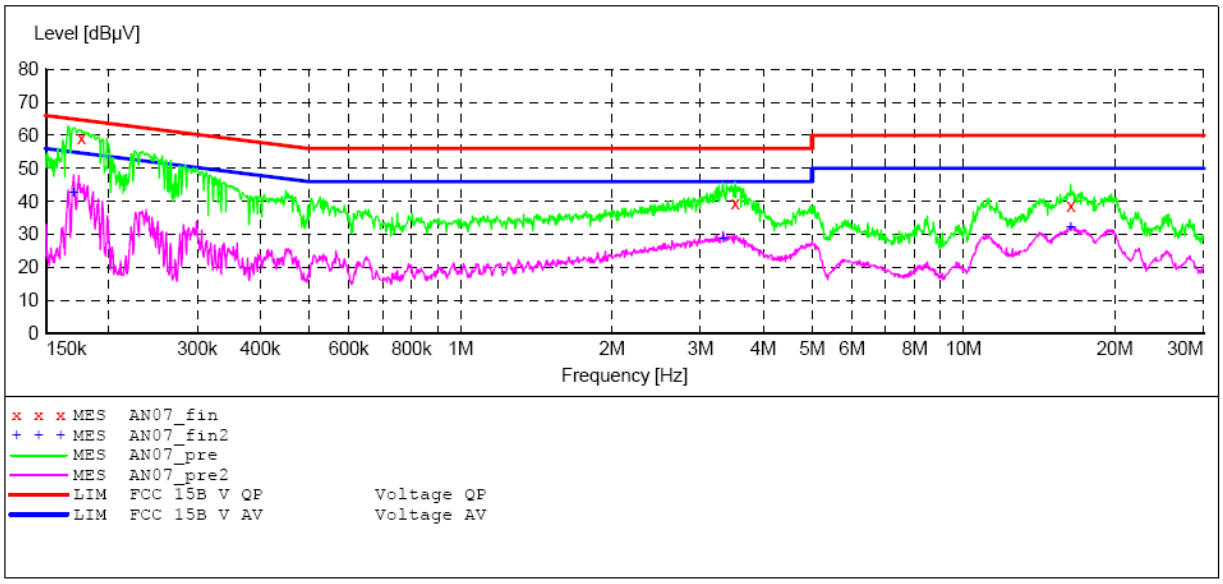
CONDUCTED EMISSION STANDARD FCC PART 15B

```
EUT:                  Numy 3G serials-AX1 SPEC   M/N:Numy 3G
Manufacturer:         AINOL
Operating Condition:  Transfer data
Test Site:            2#Shielding Room
Operator:             star
Test Specification:   L    120V/60Hz
Comment:              Report NO.:ATE20132566
Start of Test:        2013-12-3 / 15:14:03
```

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

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.4 %	QuasiPeak Average	1.0 s	9 kHz	LISN(ESH3-Z5)



MEASUREMENT RESULT: "AN07_fin"

2013-12-3 15:15

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.176336	59.30	10.6	65	5.4	QP	L1	GND
3.515392	39.30	12.3	56	16.7	QP	L1	GND
16.343775	38.50	12.1	60	21.5	QP	L1	GND

MEASUREMENT RESULT: "AN07_fin2"

2013-12-3 15:15

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170110	42.50	10.6	55	12.5	AV	L1	GND
3.330864	28.70	12.3	46	17.3	AV	L1	GND
16.343775	32.10	12.1	50	17.9	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

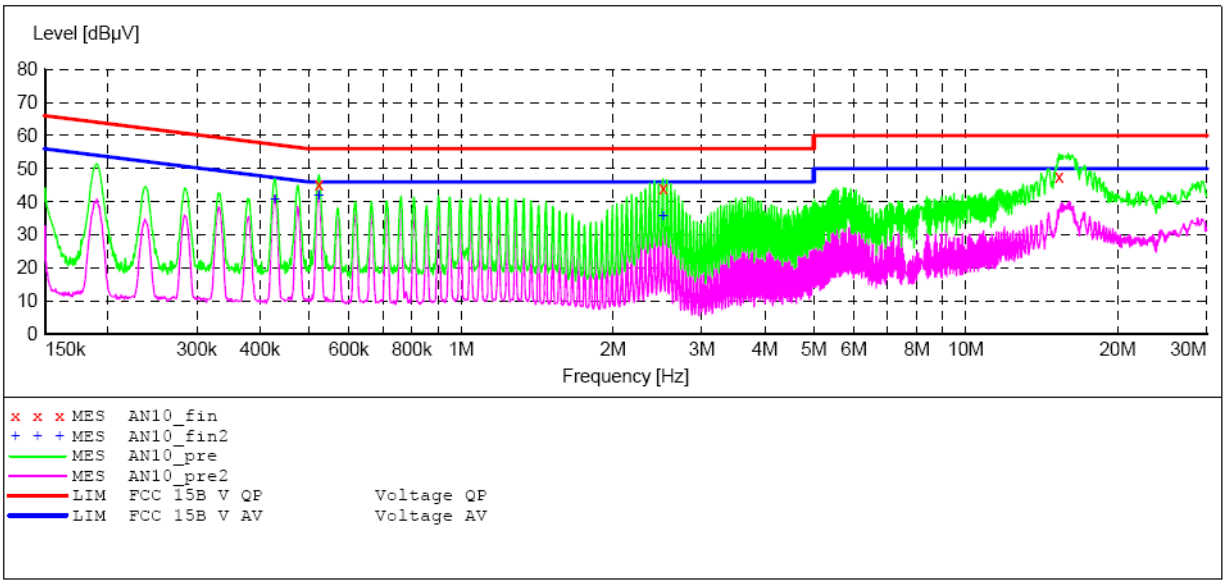
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Numy 3G serials-AX1 SPEC M/N:Numy 3G
Manufacturer: AINOL
Operating Condition: HDMI Playing
Test Site: 2#Shielding Room
Operator: star
Test Specification: L 120V/60Hz
Comment: Report NO.:ATE20132566
Start of Test: 2013-12-3 / 15:22:37

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

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.4 %	QuasiPeak Average	1.0 s	9 kHz	LISN(ESH3-Z5)



MEASUREMENT RESULT: "AN10_fin"

2013-12-3 15:23

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.523095	45.30	12.5	56	10.7	QP	L1	GND
2.513444	44.00	12.3	56	12.0	QP	L1	GND
15.301424	47.50	12.1	60	12.5	QP	L1	GND

MEASUREMENT RESULT: "AN10_fin2"

2013-12-3 15:23

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.427974	40.70	12.2	47	6.6	AV	L1	GND
0.523095	41.90	12.5	46	4.1	AV	L1	GND
2.513444	35.60	12.3	46	10.4	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

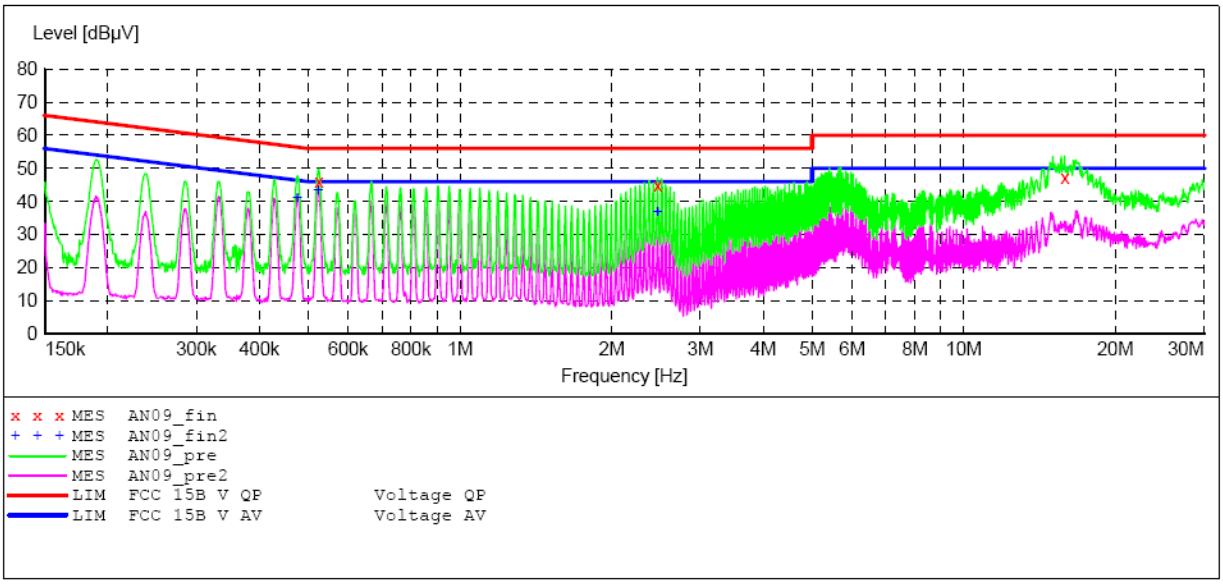
CONDUCTED EMISSION STANDARD FCC PART 15B

```
EUT:                  Numy 3G serials-AX1 SPEC   M/N:Numy 3G
Manufacturer:         AINOL
Operating Condition:  HDMI Playing
Test Site:            2#Shielding Room
Operator:             star
Test Specification:   N    120V/60Hz
Comment:              Report NO.:ATE20132566
Start of Test:        2013-12-3 / 15:20:09
```

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

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.4 %	QuasiPeak Average	1.0 s	9 kHz	LISN(ESH3-Z5)



MEASUREMENT RESULT: "AN09_fin"

2013-12-3 15:22

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.524664	46.00	12.5	56	10.0	QP	N	GND
2.468673	45.00	12.3	56	11.0	QP	N	GND
15.861456	47.10	12.1	60	12.9	QP	N	GND

MEASUREMENT RESULT: "AN09_fin2"

2013-12-3 15:22

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.475281	41.10	12.4	46	5.3	AV	N	GND
0.523095	43.40	12.5	46	2.6	AV	N	GND
2.468673	36.90	12.3	46	9.1	AV	N	GND

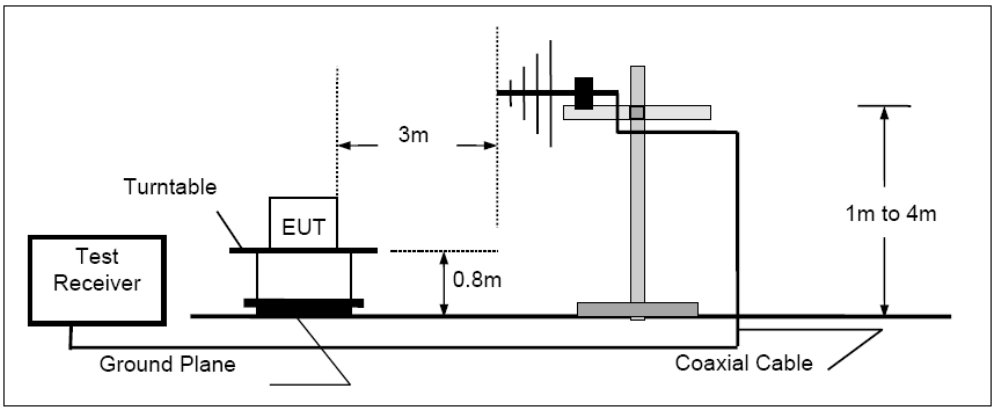
4. RADIATED EMISSION MEASUREMENT

4.1. For Radiated Emission Measurement

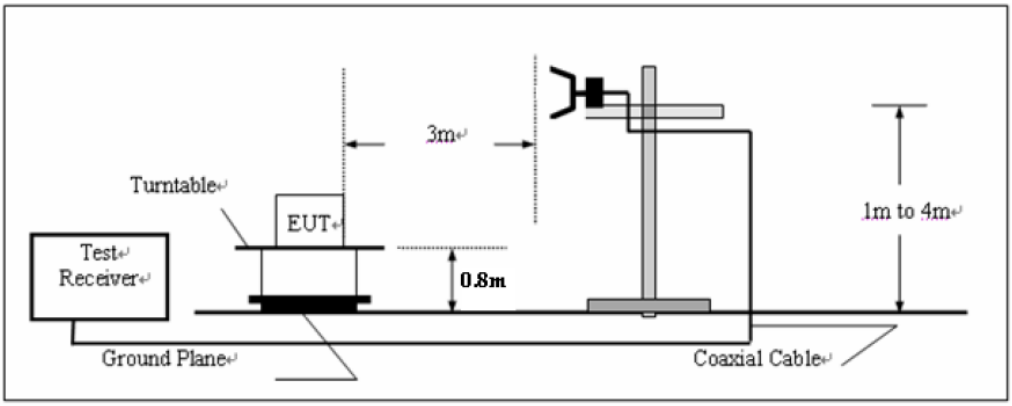
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 11, 2014	1 Year
2.	Test Receiver	Rohde & Schwarz	ESCS30	100307	Jan. 11, 2014	1 Year
3.	Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 15, 2014	1 Year
4.	Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 15, 2014	1 Year
5.	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 15, 2014	1 Year
6.	50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	Jan. 11, 2014	1 Year
12.	Pre-Amplifier	Rohde & Schwarz	CBLU11835 40-01	3791	Jan. 11, 2014	1 Year
Expanded Uncertainty (9kHz-30MHz): U=3.08dB, k=2 Expanded Uncertainty (30MHz-1000MHz): U=4.42dB, k=2 Expanded Uncertainty (Above 1GHz): U=4.06dB, k=2						

4.2. TEST CONFIGURATION

(A) Radiated Emission Test Set-Up, Frequency below 1000MHz

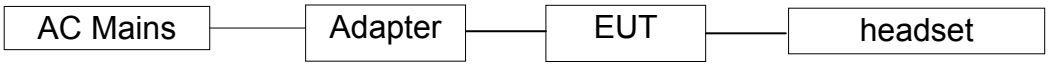


(B) Radiated Emission Test Set-Up, Frequency above 1000MHz

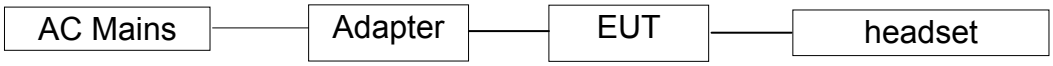


4.3.Block Diagram of Test Setup

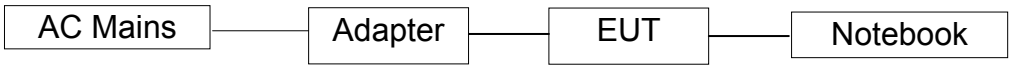
4.3.1. Block diagram of connection between the EUT and simulators



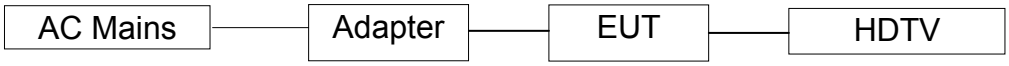
(Mode1: Charging&Playing)



(Mode2: Charging&Camera)

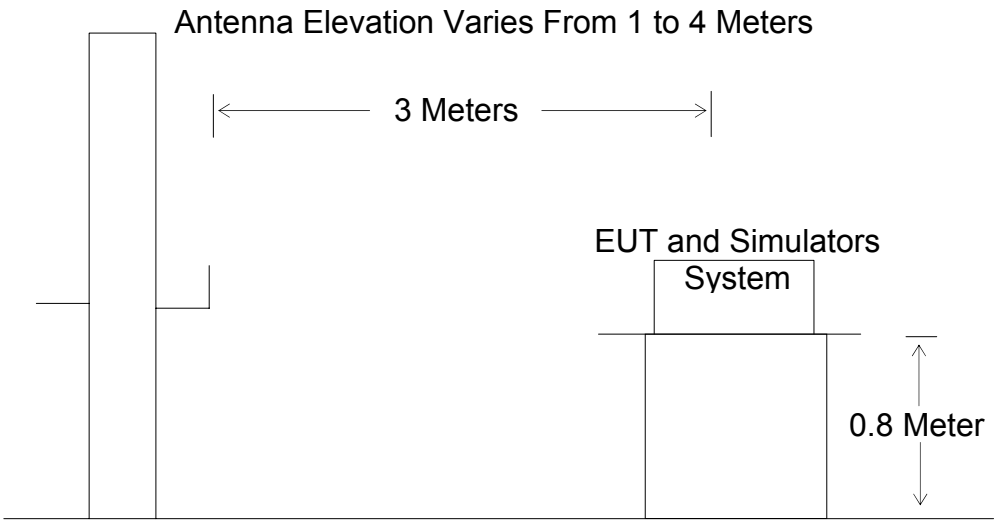


(Mode3: Charging&Transfer data)



(Mode4: Charging&HDMI)

4.3.2. Anechoic Chamber Test Setup Diagram



4.4.Radiated Emission Limit (Class B)

Frequency MHz	Distance Meters	Field Strengths Limit	
		μV/m	dB(μV/m)
30-88	3	100	40.0
88-216	3	150	43.5
216-960	3	200	46.0
960-1000	3	500	54.0

Remark: (1) Emission level dB (μV) = 20 log Emission level μV/m.
(2)The smaller limit shall apply at the cross point between two frequency bands.
(3)Distance is the distance in meters between the measuring instrument antenna and the closest point of any part of the device or system.

4.5.EUT Configuration on Measurement

The equipment is installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

4.6.Operating Condition of EUT

4.6.1.Setup the EUT and simulator as shown as Section 4.2.

4.6.2.Turn on the power of all equipment.

4.6.3.Let the EUT work in test mode and measure it.

4.7.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated emission measurement.

The bandwidth of the EMI test receiver (R&S ESCS30) is set at 120kHz from 30MHz to 1000MHz.

The frequency range from 30MHz to 1000MHz is checked.

4.8.Radiated Emission Noise Measurement Result

PASS.

Test mode : Charging+ Playing

Horizontal

Below 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	160.3456	56.53	-22.82	33.71	43.50	-9.79	QP
2	240.8304	57.39	-19.80	37.59	46.00	-8.41	QP
3	361.7139	51.92	-15.91	36.01	46.00	-9.99	QP

Above 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1559.250	51.70	-9.47	42.23	74.00	-31.77	peak
2	1559.250	46.89	-9.47	37.42	54.00	-16.58	AVG

Vertical

Below 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	39.9942	52.84	-20.10	32.74	40.00	-7.26	QP
2	240.8304	56.31	-19.80	36.51	46.00	-9.49	QP
3	815.9678	44.23	-7.50	36.73	46.00	-9.27	QP

Above 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1559.250	47.87	-9.47	38.40	74.00	-35.60	peak
2	1559.250	42.58	-9.47	33.11	54.00	-20.89	AVG

Test mode : Charging+ Camera

Horizontal

Below 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	77.8653	59.40	-21.49	37.91	40.00	-2.09	QP
2	129.9225	64.43	-23.03	41.40	43.50	-2.10	QP
3	530.1014	57.10	-13.28	43.82	46.00	-2.18	QP

Above 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3724.419	46.33	-2.89	43.44	74.00	-30.56	peak
2	3724.419	42.14	-2.89	39.25	54.00	-14.75	AVG

Vertical

Below 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	77.8654	59.30	-21.49	37.81	40.00	-2.19	QP
2	494.1984	57.22	-14.00	43.22	46.00	-2.78	QP
3	530.1014	56.97	-13.28	43.69	46.00	-2.31	QP

Above 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3712.450	45.51	-2.92	42.59	74.00	-31.41	peak
2	3712.450	40.20	-2.92	37.28	54.00	-16.72	AVG

Test mode : Charging+ Transfer data

Horizontal

Below 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	480.5276	56.14	-14.16	41.98	46.00	-4.02	QP
2	665.8035	49.63	-10.35	39.28	46.00	-6.72	QP
3	962.1623	46.47	-5.23	41.24	54.00	-12.76	QP

Above 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1991.403	61.17	-7.83	53.34	74.00	-20.66	peak
2	1991.403	55.25	-7.83	47.42	54.00	-6.58	AVG

Vertical

Below 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	480.5276	51.88	-14.16	37.72	46.00	-8.28	QP
2	665.8035	48.42	-10.35	38.07	46.00	-7.93	QP
3	962.1623	44.88	-5.23	39.65	54.00	-14.35	QP

Above 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1991.403	64.20	-7.83	56.37	74.00	-17.63	peak
2	1991.403	57.90	-7.83	50.07	54.00	-3.93	AVG

Note: During the test, Let the EUT and PC maintain the status of transfer data to each other

Test mode : Charging+ HDMI

Horizontal

Below 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	240.8303	58.10	-19.80	38.30	46.00	-7.70	QP
2	355.4273	52.34	-16.08	36.26	46.00	-9.74	QP
3	665.8034	47.75	-10.35	37.40	46.00	-8.60	QP

Above 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1962.765	64.10	-7.94	56.16	74.00	-17.84	peak
2	1962.765	57.97	-7.94	50.03	54.00	-3.97	AVG
3	2354.247	61.55	-6.88	54.67	74.00	-19.33	peak
4	2354.247	54.36	-6.88	47.48	54.00	-6.52	AVG

Vertical

Below 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	46.1779	54.71	-20.46	34.25	40.00	-5.75	QP
2	240.8304	55.83	-19.80	36.03	46.00	-9.97	QP
3	487.3151	50.66	-14.08	36.58	46.00	-9.42	QP

Above 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1787.838	51.84	-8.60	43.24	74.00	-30.76	peak
2	1787.838	45.97	-8.60	37.37	54.00	-16.63	AVG
3	2001.041	53.02	-7.79	45.23	74.00	-28.77	peak
4	2001.041	48.20	-7.79	40.41	54.00	-13.59	AVG

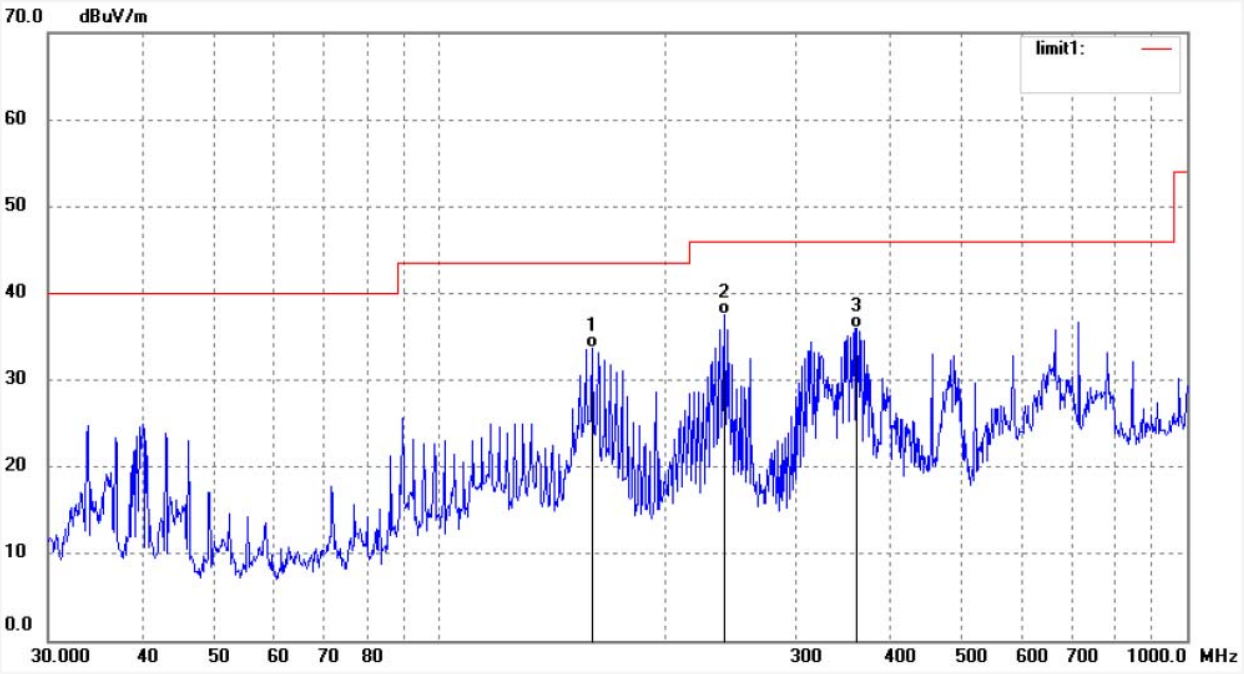
Note: During the test, Let HDTV display the content of EUT.

Below 1G

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #4336	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/01/15/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/51/59
EUT: Numy 3G serials-AX1 SPEC	Engineer Signature:
Mode: Playing	Distance: 3m
Model: Numy 3G	
Manufacturer: AINOL	

Note: Report No.:ATE20132566

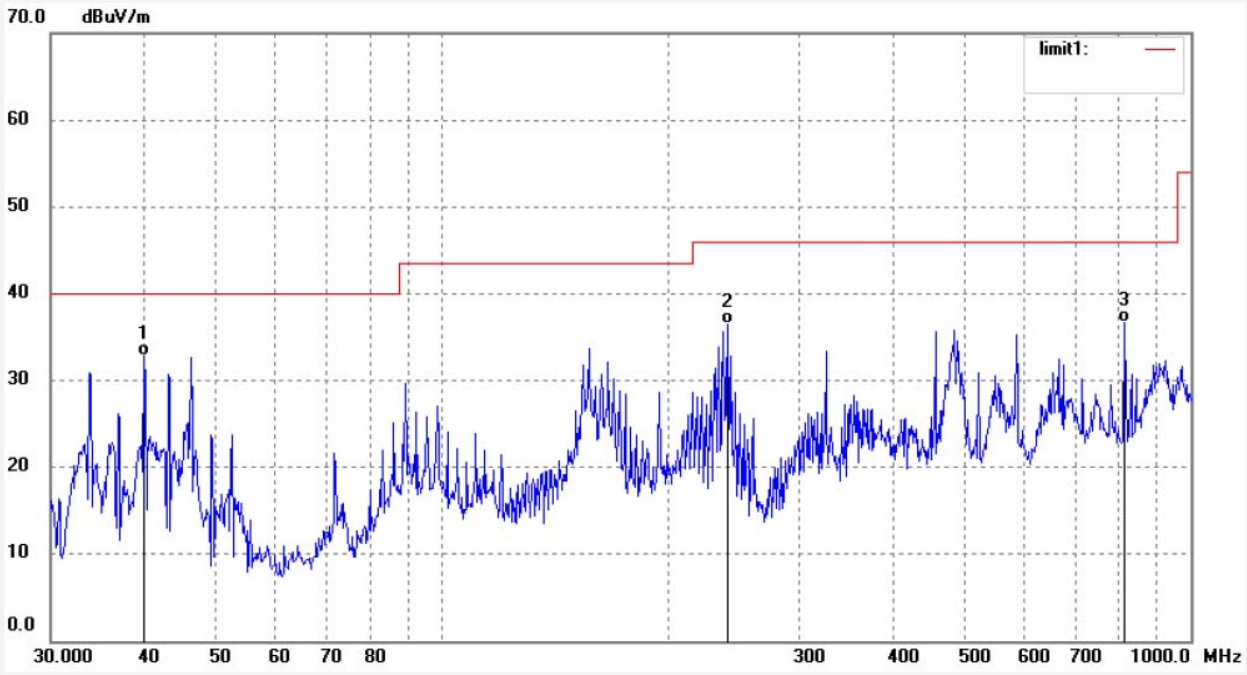


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	160.3456	56.53	-22.82	33.71	43.50	-9.79	QP			
2	240.8304	57.39	-19.80	37.59	46.00	-8.41	QP			
3	361.7139	51.92	-15.91	36.01	46.00	-9.99	QP			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #4335	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/01/15/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/48/46
EUT: Numy 3G serials-AX1 SPEC	Engineer Signature:
Mode: Playing	Distance: 3m
Model: Numy 3G	
Manufacturer: AINOL	

Note: Report No.:ATE20132566



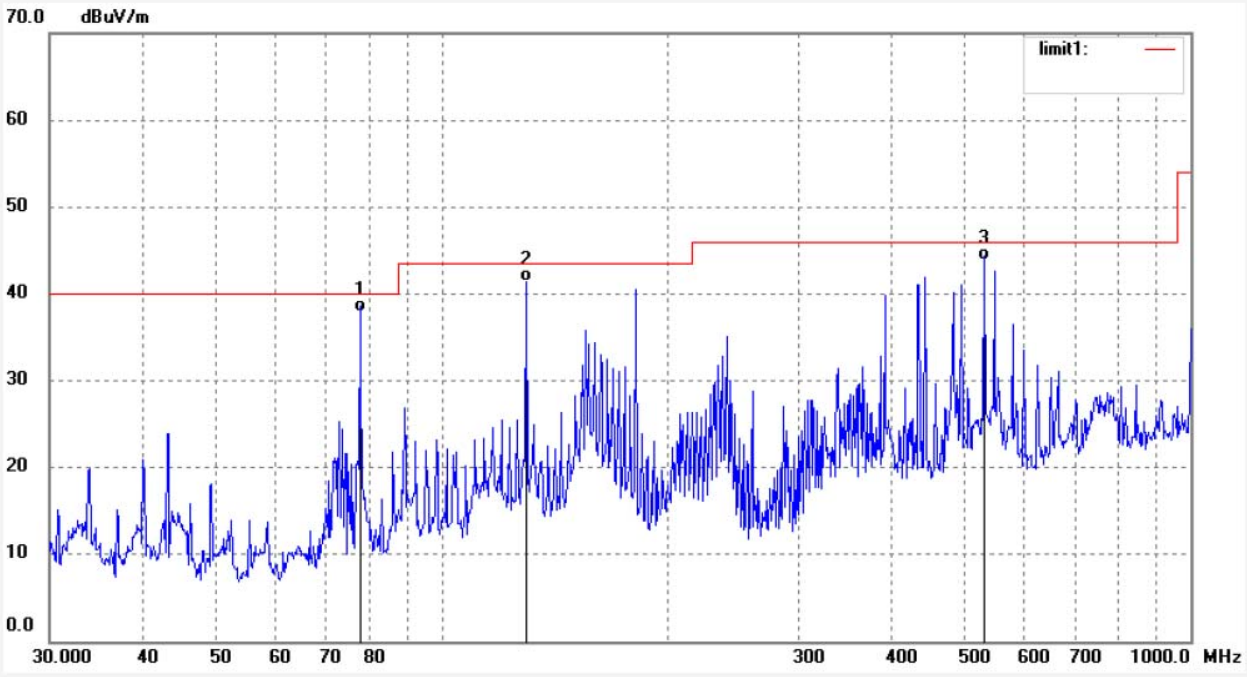
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.9942	52.84	-20.10	32.74	40.00	-7.26	QP			
2	240.8304	56.31	-19.80	36.51	46.00	-9.49	QP			
3	815.9678	44.23	-7.50	36.73	46.00	-9.27	QP			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #4337
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Numy 3G serials-AX1 SPEC
Mode: Camera
Model: Numy 3G
Manufacturer: AINOL

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/01/15/
Time: 9/54/34
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20132566



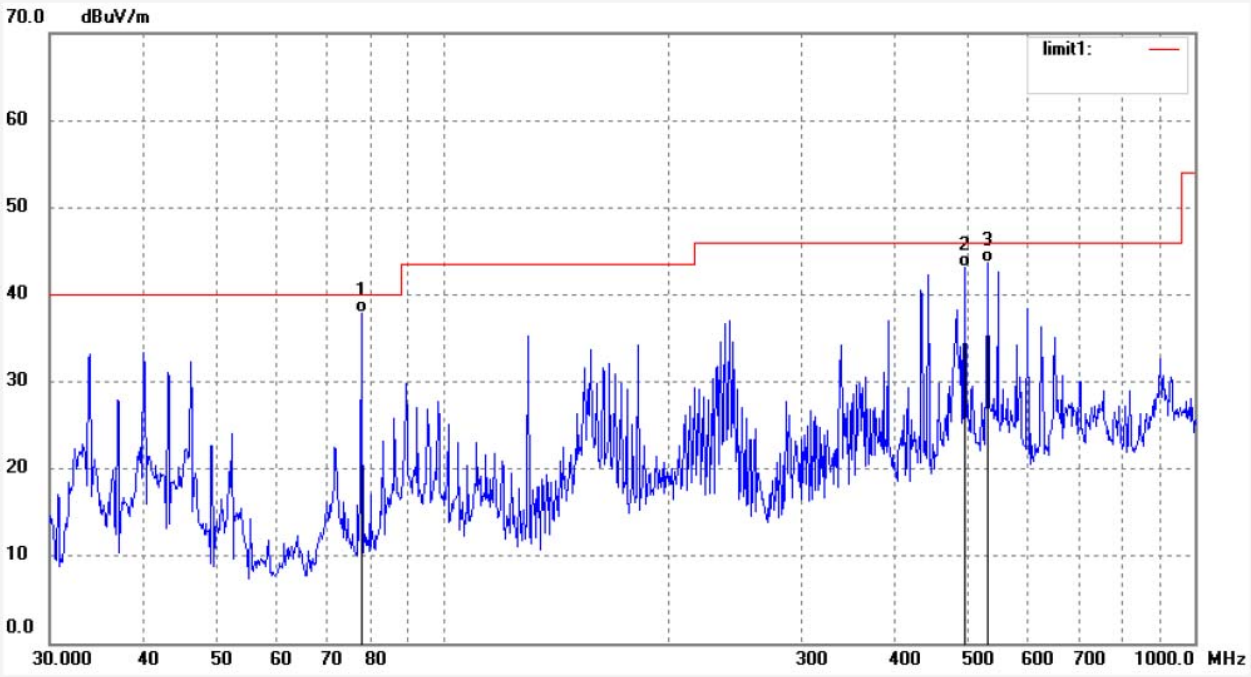
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	77.8653	59.40	-21.49	37.91	40.00	-2.09	QP			
2	129.9225	64.43	-23.03	41.40	43.50	-2.10	QP			
3	530.1014	57.10	-13.28	43.82	46.00	-2.18	QP			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #4338
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Numy 3G serials-AX1 SPEC
Mode: Camera
Model: Numy 3G
Manufacturer: AINOL

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/01/15/
Time: 9/55/29
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20132566



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	77.8654	59.30	-21.49	37.81	40.00	-2.19	QP			
2	494.1984	57.22	-14.00	43.22	46.00	-2.78	QP			
3	530.1014	56.97	-13.28	43.69	46.00	-2.31	QP			

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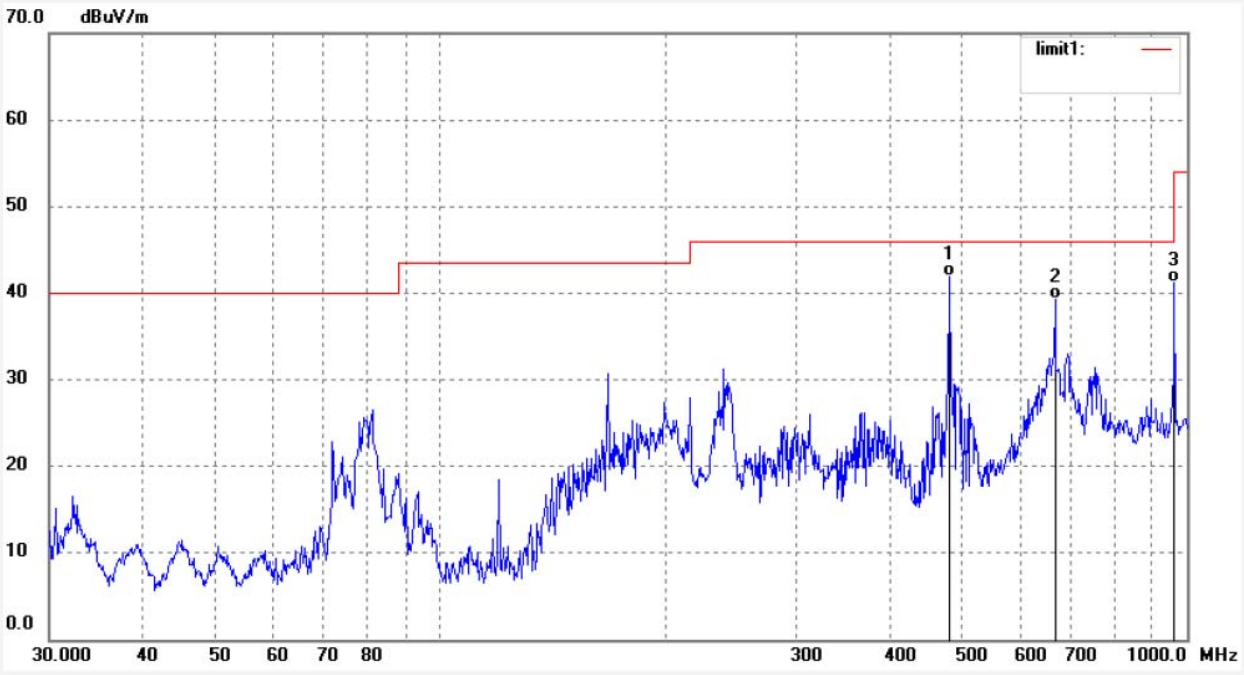
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #4340
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Numy 3G serials-AX1 SPEC
Mode: Transfer data
Model: Numy 3G
Manufacturer: AINOL

Polarization: Horizontal
Power Source: DC 5V
Date: 14/01/15/
Time: 9/59/20
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20132566



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	480.5276	56.14	-14.16	41.98	46.00	-4.02	QP			
2	665.8035	49.63	-10.35	39.28	46.00	-6.72	QP			
3	962.1623	46.47	-5.23	41.24	54.00	-12.76	QP			

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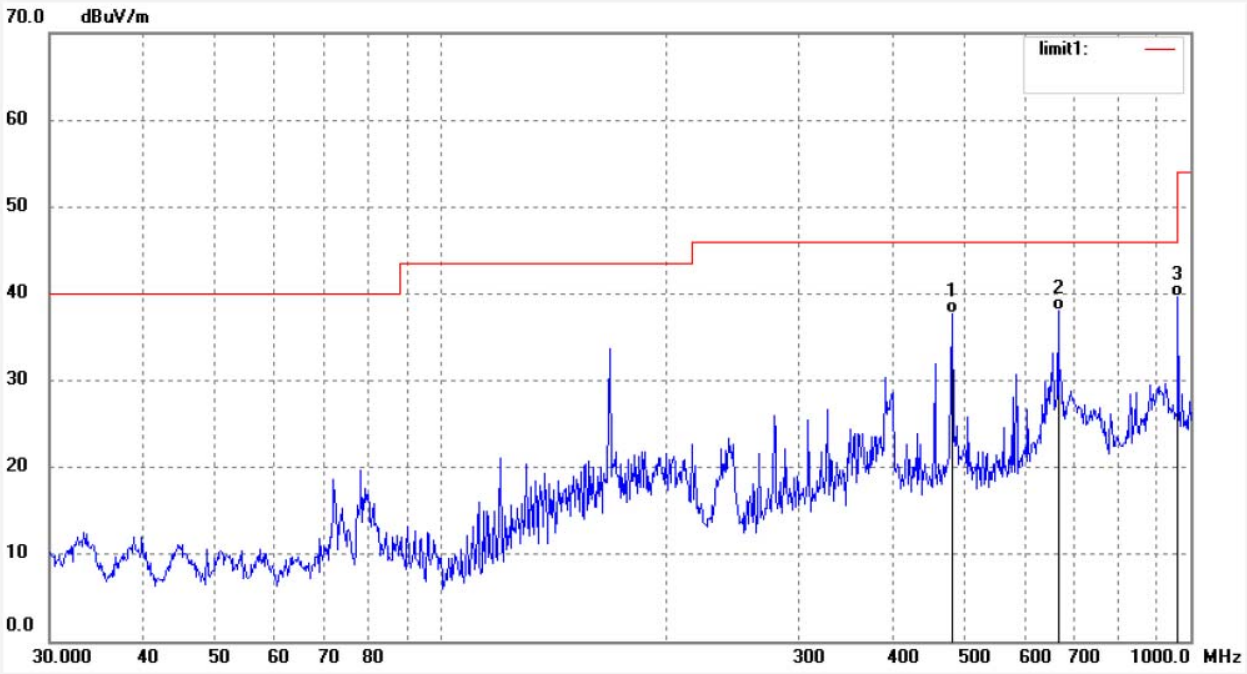
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #4339
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Numy 3G serials-AX1 SPEC
Mode: Transfer data
Model: Numy 3G
Manufacturer: AINOL

Polarization: Vertical
Power Source: DC 5V
Date: 14/01/15/
Time: 9/58/02
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20132566



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	480.5276	51.88	-14.16	37.72	46.00	-8.28	QP			
2	665.8035	48.42	-10.35	38.07	46.00	-7.93	QP			
3	962.1623	44.88	-5.23	39.65	54.00	-14.35	QP			

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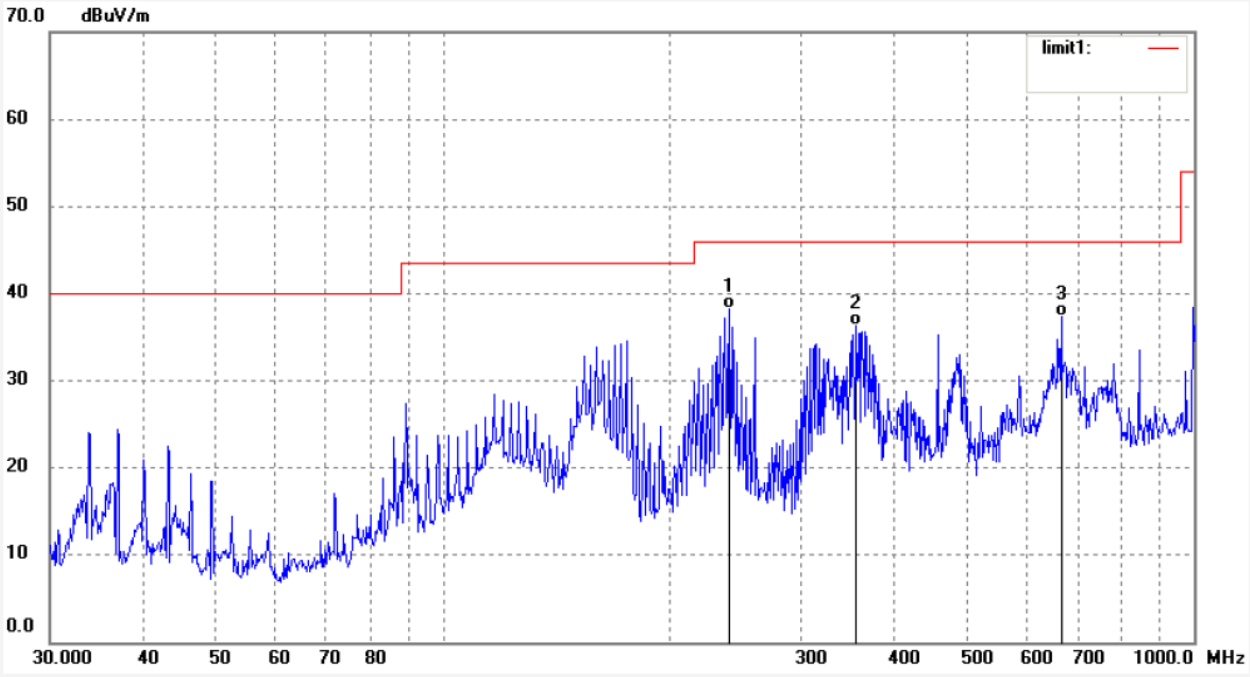
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #4333	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/01/15/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/43/00
EUT: Numy 3G serials-AX1 SPEC	Engineer Signature:
Mode: HDMI	Distance: 3m
Model: Numy 3G	
Manufacturer: AINOL	

Note: Report No.:ATE20132566



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	240.8303	58.10	-19.80	38.30	46.00	-7.70	QP			
2	355.4273	52.34	-16.08	36.26	46.00	-9.74	QP			
3	665.8034	47.75	-10.35	37.40	46.00	-8.60	QP			

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Site: 1# Chamber
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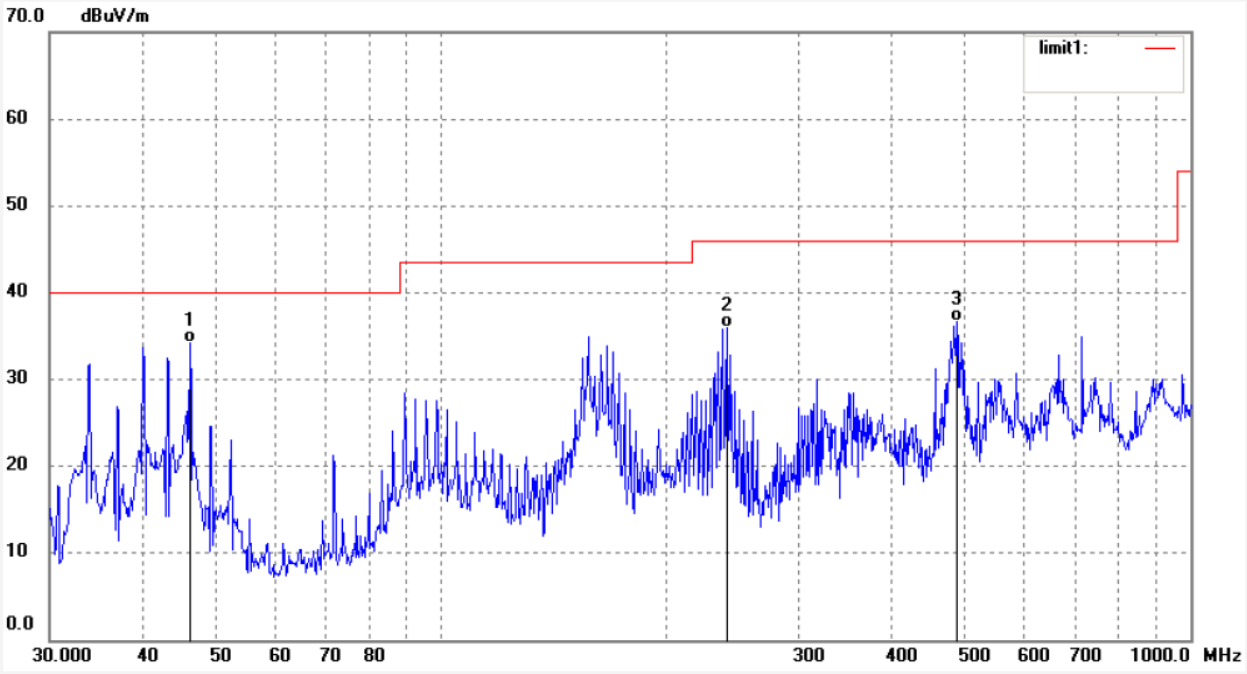
Fax:+86-0755-26503396

Job No.: star #4334
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Numy 3G serials-AX1 SPEC
Mode: HDMI
Model: Numy 3G
Manufacturer: AINOL

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/01/15/
Time: 9/44/14
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20132566



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	46.1779	54.71	-20.46	34.25	40.00	-5.75	QP			
2	240.8304	55.83	-19.80	36.03	46.00	-9.97	QP			
3	487.3151	50.66	-14.08	36.58	46.00	-9.42	QP			

Above 1G

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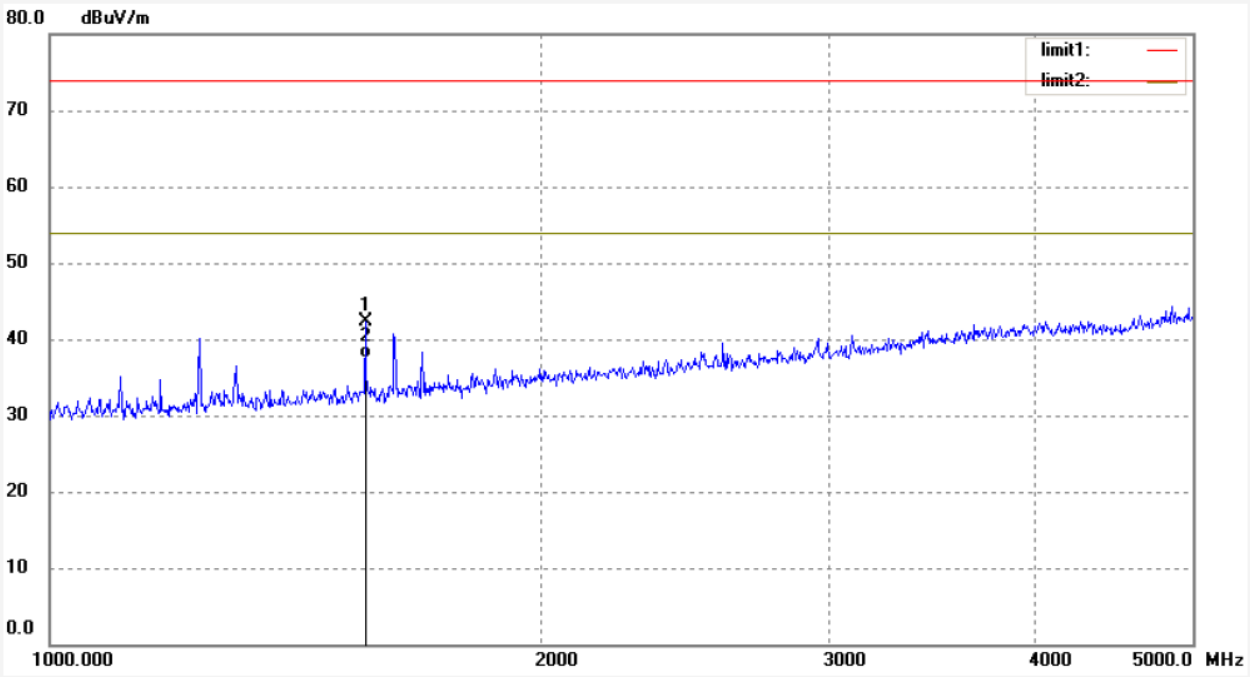
Fax:+86-0755-26503396

Job No.: STAR #4197	Polarization: Horizontal
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/12/12/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/08/26
EUT: Numy 3G serials-AX1 SPEC	Engineer Signature:
Mode: Playing	Distance: 3m
Model: Numy 3G	
Manufacturer: AINOL	

Note: Report No.:ATE20132566



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1559.250	51.70	-9.47	42.23	74.00	-31.77	peak			
2	1559.250	46.89	-9.47	37.42	54.00	-16.58	AVG			

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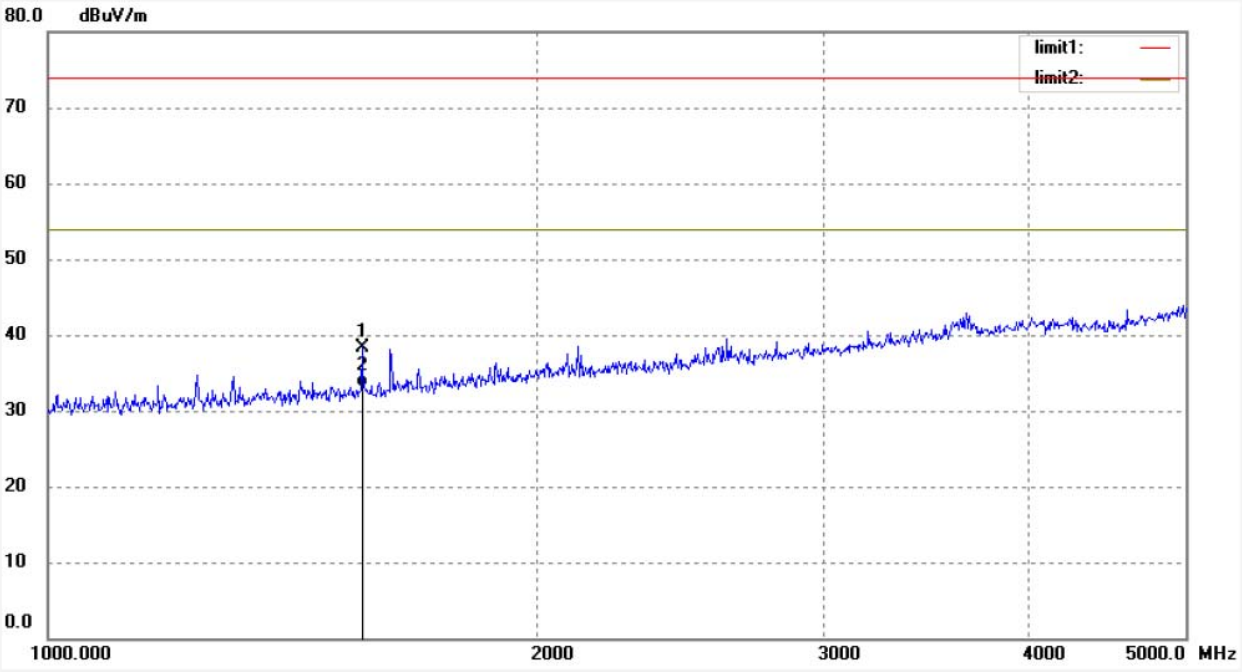
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #4196
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Numy 3G serials-AX1 SPEC
Mode: Playing
Model: Numy 3G
Manufacturer: AINOL

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 13/12/12/
Time: 11/07/14
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20132566



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1559.250	47.87	-9.47	38.40	74.00	-35.60	peak			
2	1559.250	42.58	-9.47	33.11	54.00	-20.89	AVG			

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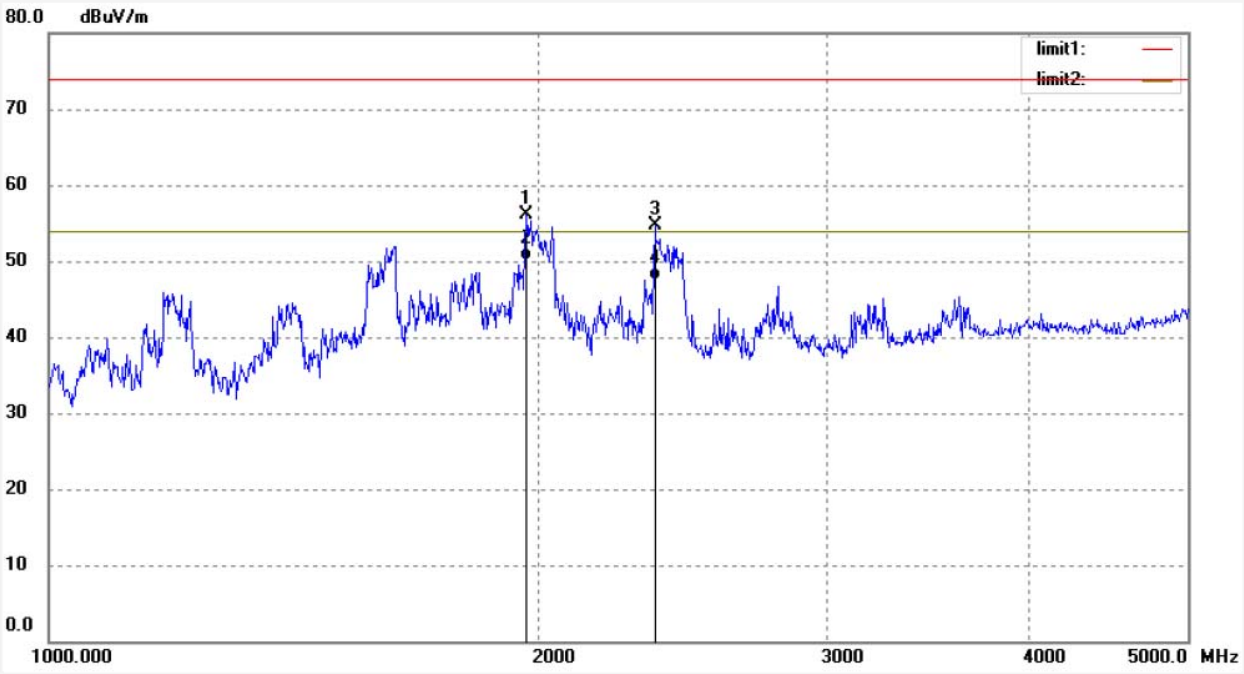
Fax:+86-0755-26503396

Job No.: STAR #4200	Polarization: Horizontal
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/12/12/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/13/34
EUT: Numy 3G serials-AX1 SPEC	Engineer Signature:
Mode: HDMI	Distance: 3m
Model: Numy 3G	
Manufacturer: AINOL	

Note: Report No.:ATE20132566



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1962.765	64.10	-7.94	56.16	74.00	-17.84	peak			
2	1962.765	57.97	-7.94	50.03	54.00	-3.97	AVG			
3	2354.247	61.55	-6.88	54.67	74.00	-19.33	peak			
4	2354.247	54.36	-6.88	47.48	54.00	-6.52	AVG			

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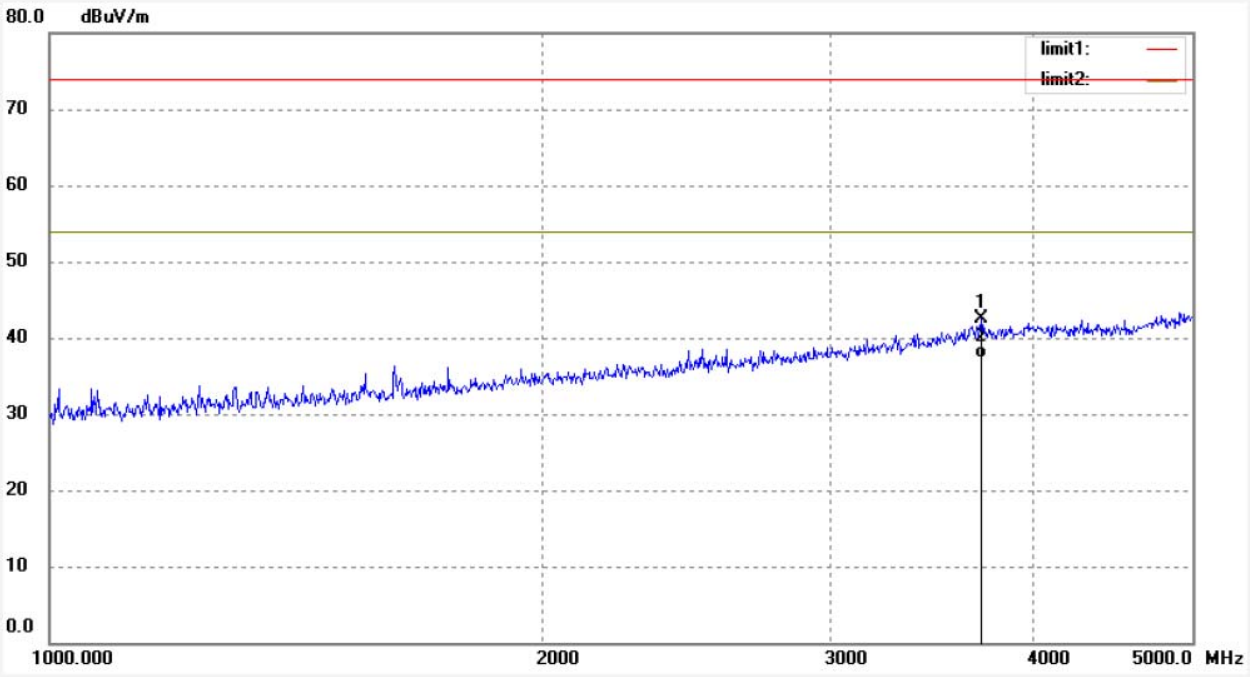
Job No.: STAR #4199
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Numy 3G serials-AX1 SPEC
Mode: Camera
Model: Numy 3G
Manufacturer: AINOL

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 13/12/12/
Time: 11/10/12
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20132566



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	3712.450	45.51	-2.92	42.59	74.00	-31.41	peak			
2	3712.450	40.20	-2.92	37.28	54.00	-16.72	AVG			

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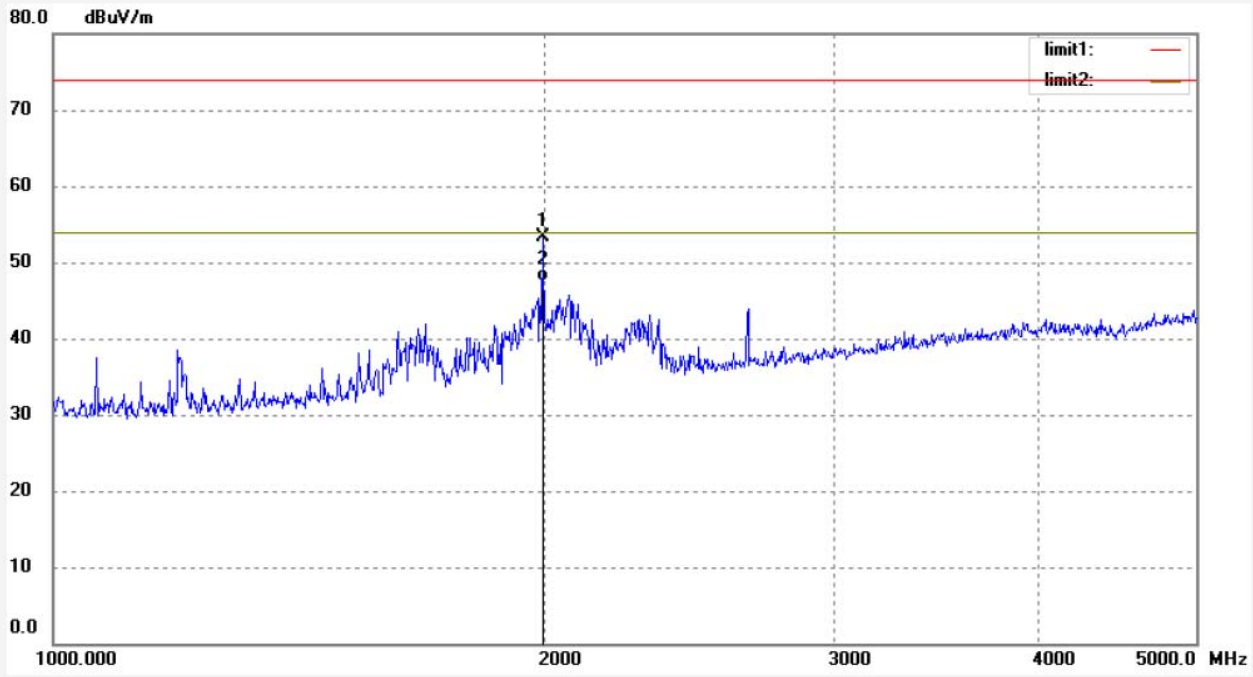
Fax:+86-0755-26503396

Job No.: STAR #4203	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 5V
Test item: Radiation Test	Date: 13/12/12/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/19/47
EUT: Numy 3G serials-AX1 SPEC	Engineer Signature:
Mode: Transfer data	Distance: 3m
Model: Numy 3G	
Manufacturer: AINOL	

Note: Report No.:ATE20132566



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1991.403	61.17	-7.83	53.34	74.00	-20.66	peak			
2	1991.403	55.25	-7.83	47.42	54.00	-6.58	AVG			

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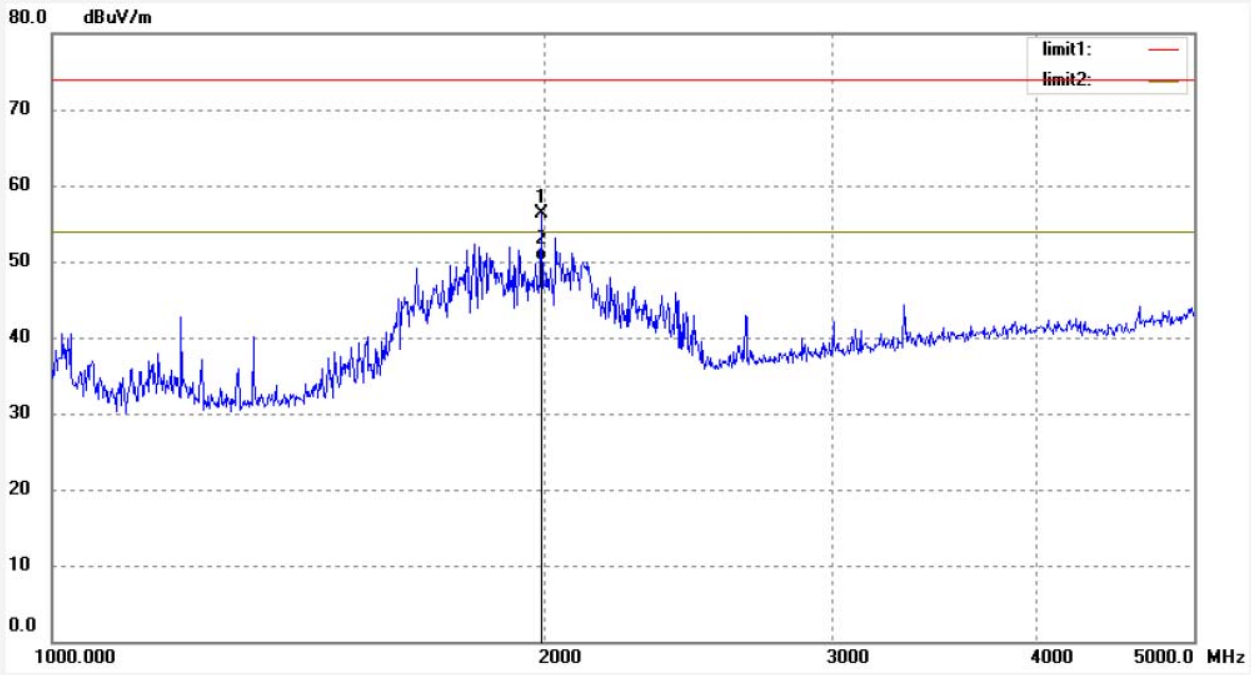
Fax:+86-0755-26503396

Job No.: STAR #4202	Polarization: Vertical
Standard: FCC PK	Power Source: DC 5V
Test item: Radiation Test	Date: 13/12/12/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/18/44
EUT: Numy 3G serials-AX1 SPEC	Engineer Signature:
Mode: Transfer data	Distance: 3m
Model: Numy 3G	
Manufacturer: AINOL	

Note: Report No.:ATE20132566



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1991.403	64.20	-7.83	56.37	74.00	-17.63	peak			
2	1991.403	57.90	-7.83	50.07	54.00	-3.93	AVG			

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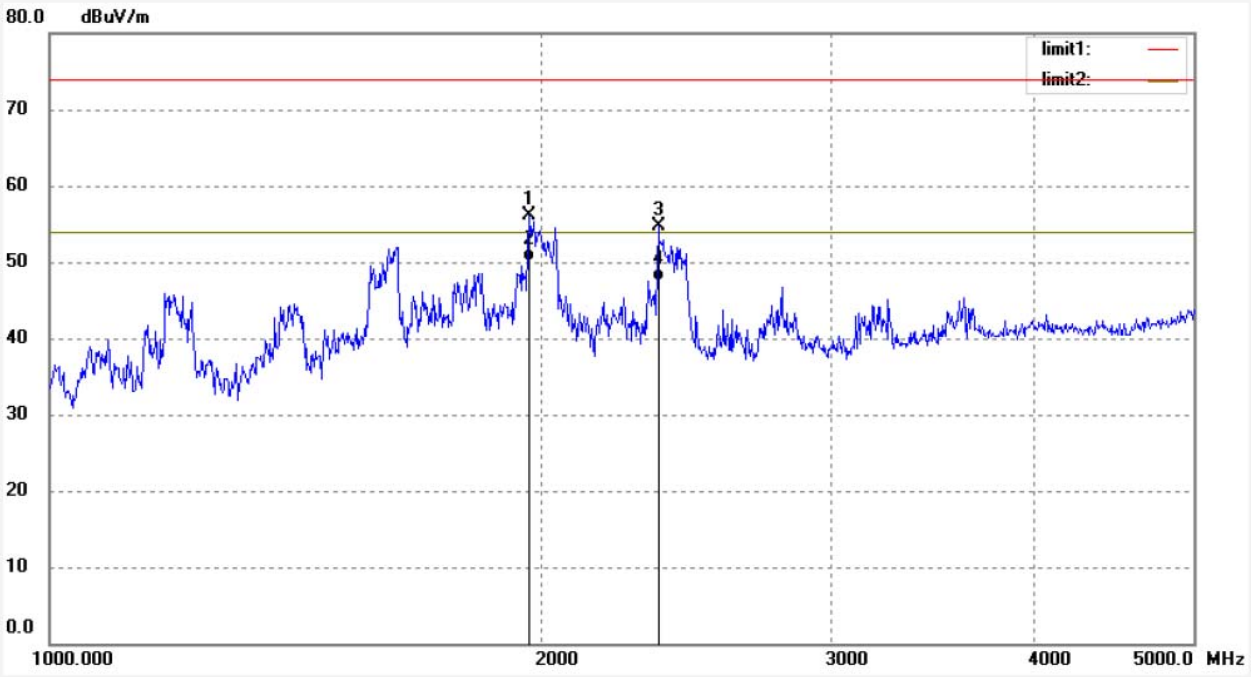
Fax:+86-0755-26503396

Job No.: STAR #4200
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Numy 3G serials-AX1 SPEC
Mode: HDMI
Model: Numy 3G
Manufacturer: AINOL

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 13/12/12/
Time: 11/13/34
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20132566



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1962.765	64.10	-7.94	56.16	74.00	-17.84	peak			
2	1962.765	57.97	-7.94	50.03	54.00	-3.97	AVG			
3	2354.247	61.55	-6.88	54.67	74.00	-19.33	peak			
4	2354.247	54.36	-6.88	47.48	54.00	-6.52	AVG			

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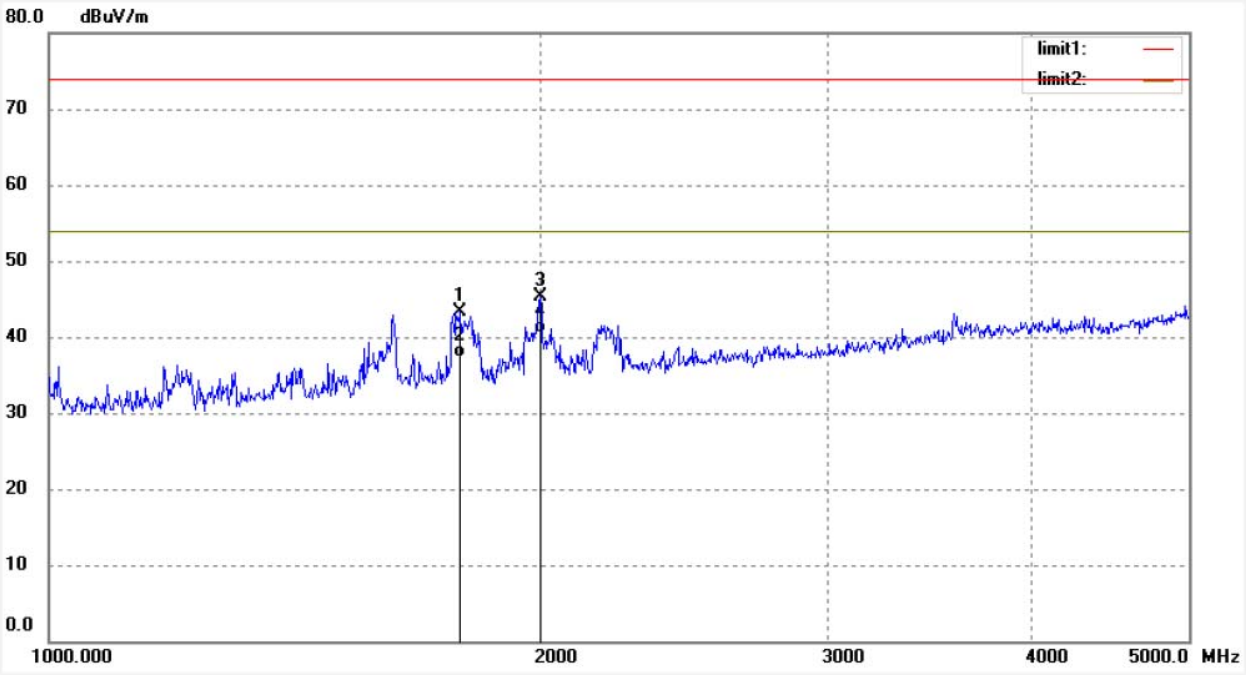
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #4201
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Numy 3G serials-AX1 SPEC
Mode: HDMI
Model: Numy 3G
Manufacturer: AINOL

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 13/12/12/
Time: 11/14/30
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20132566

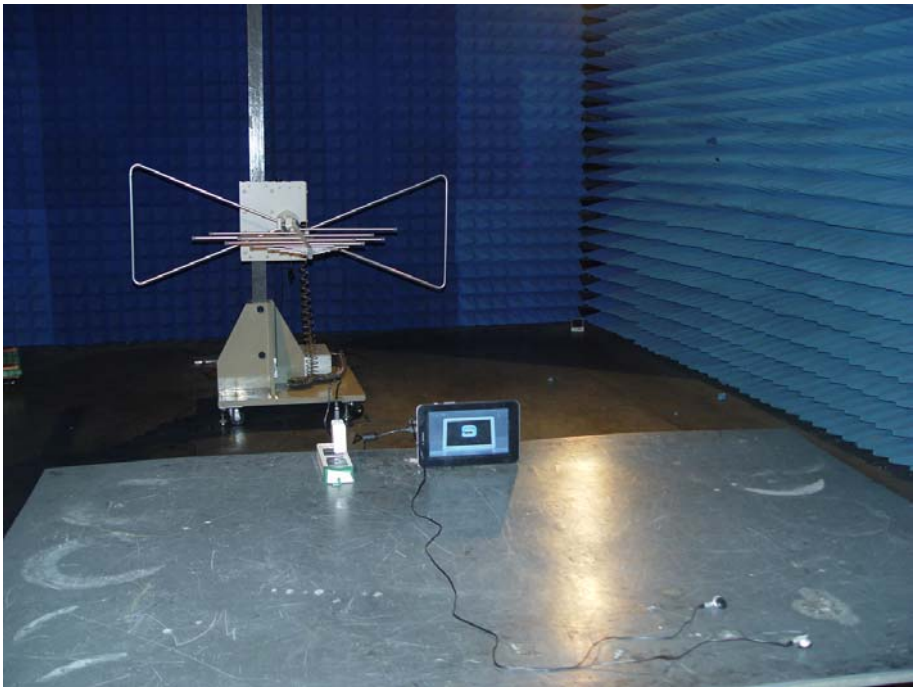


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1787.838	51.84	-8.60	43.24	74.00	-30.76	peak			
2	1787.838	45.97	-8.60	37.37	54.00	-16.63	AVG			
3	2001.041	53.02	-7.79	45.23	74.00	-28.77	peak			
4	2001.041	48.20	-7.79	40.41	54.00	-13.59	AVG			

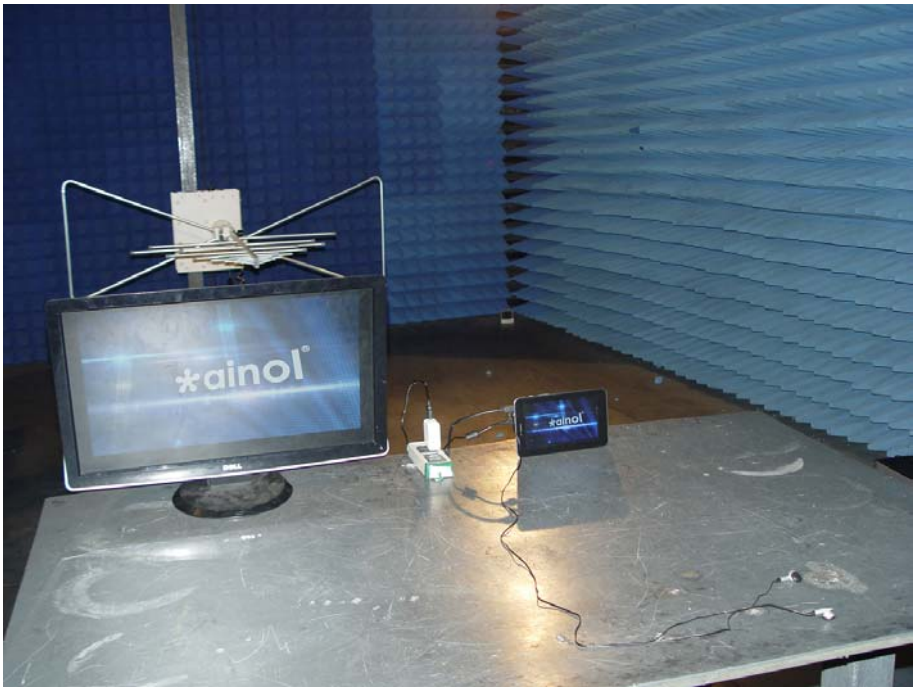
5. PHOTOGRAPHS

5.1.Photos of Radiated Measurement

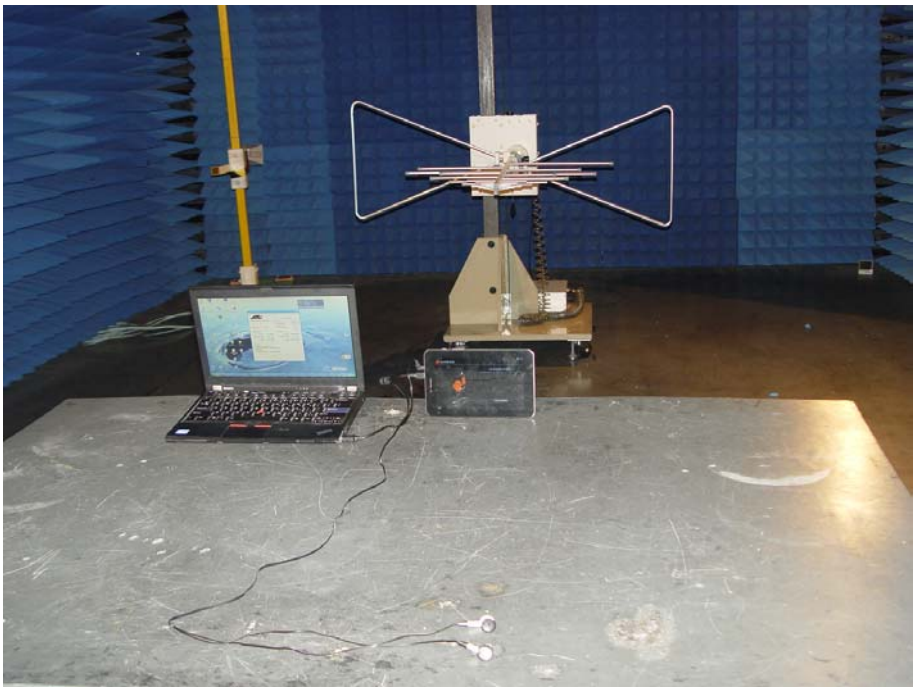
Playing mode(below 1GHz)



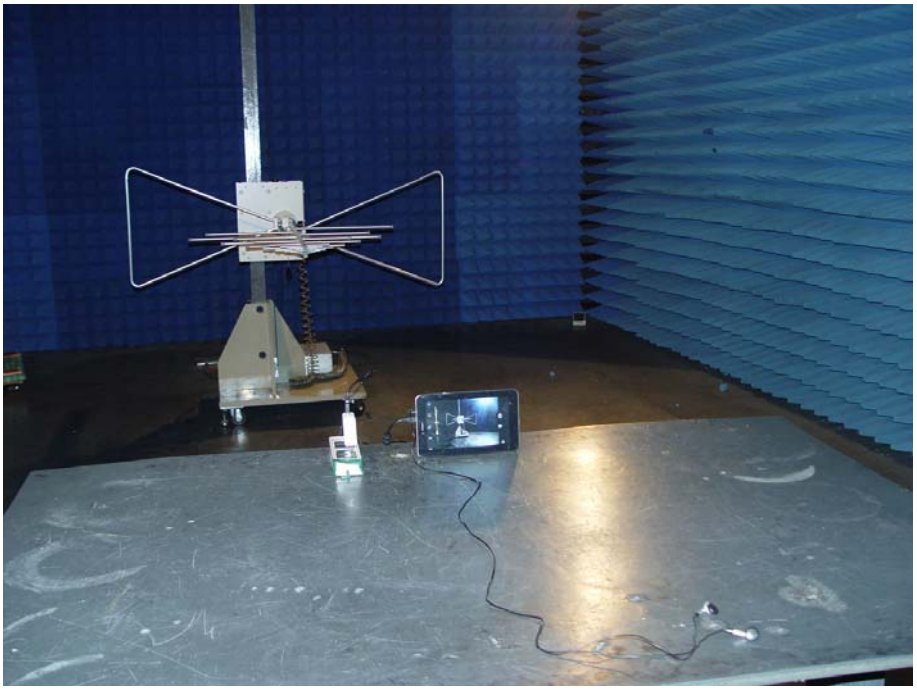
HDMI mode(below 1GHz)



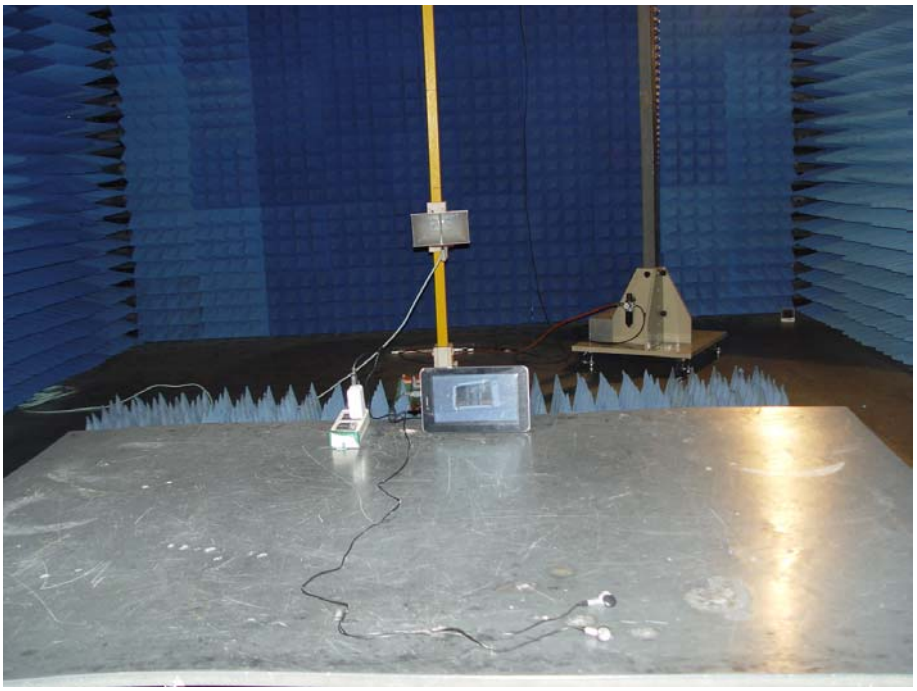
Transfer data mode(below 1GHz)



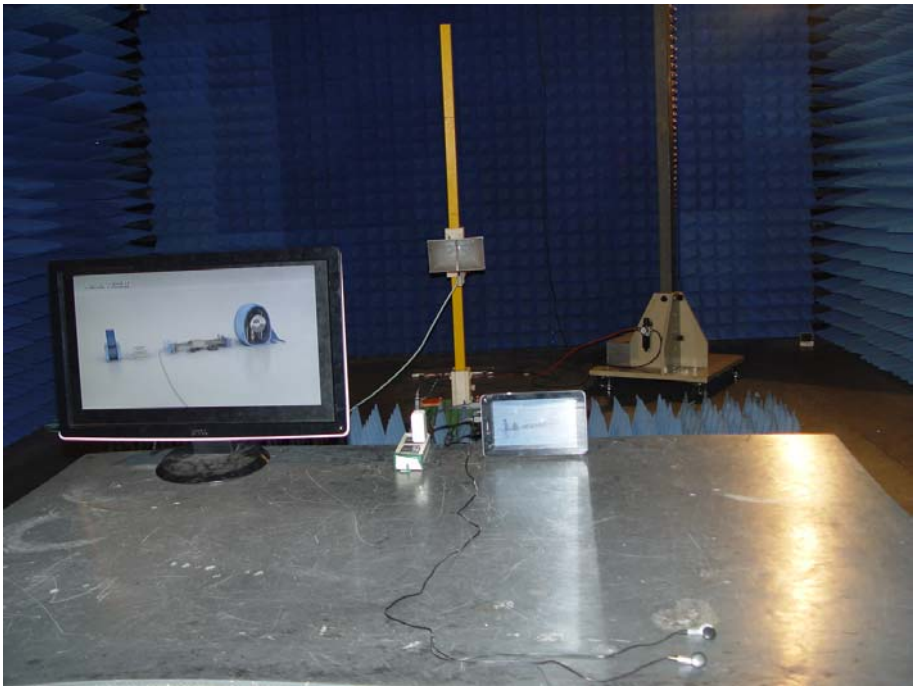
Camera mode(below 1GHz)



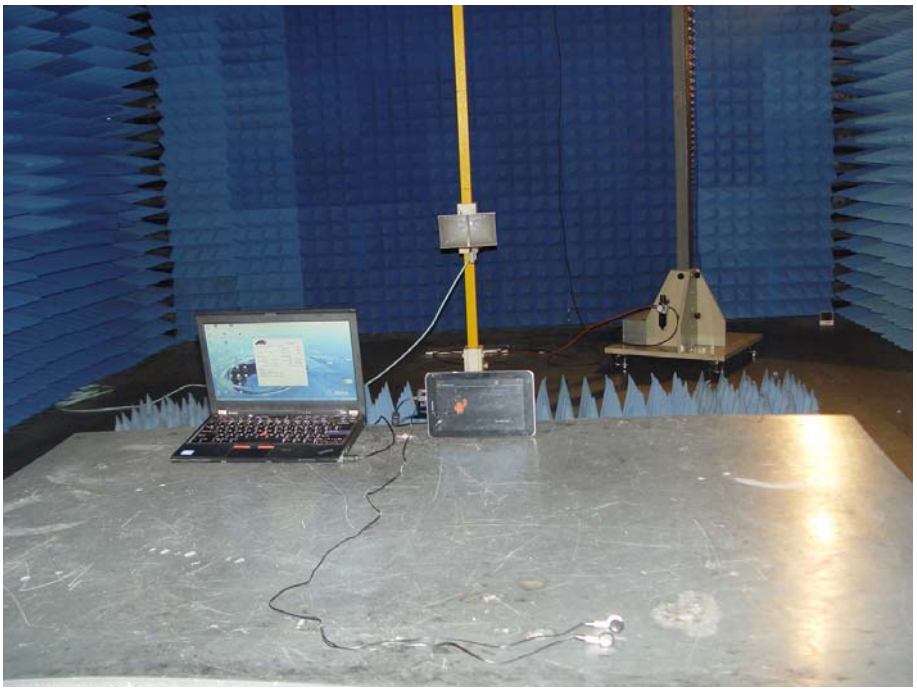
Playing mode(above 1GHz)



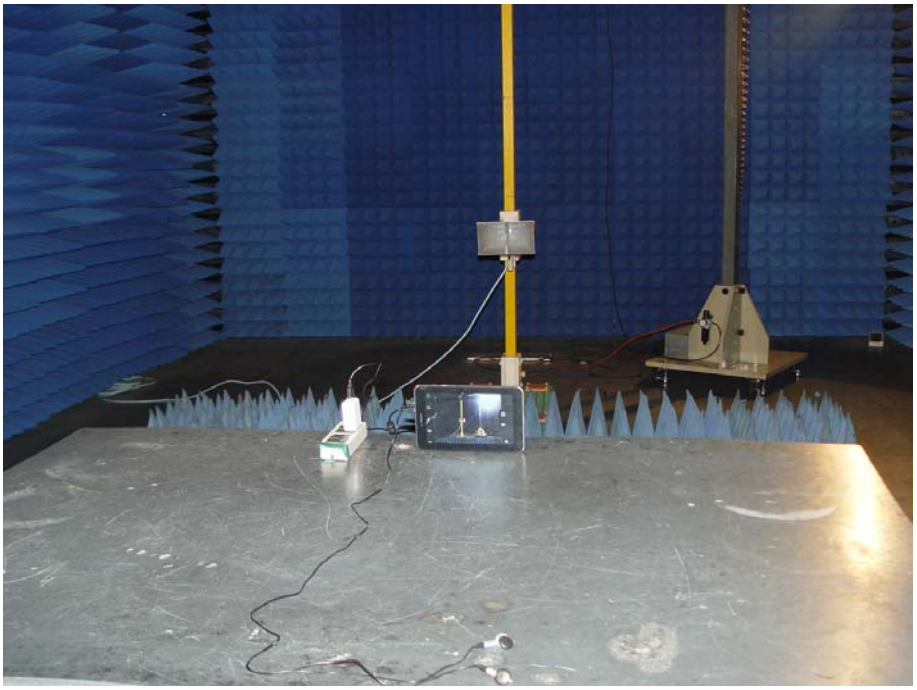
HDMI mode(above 1GHz)



Transfer data mode(above 1GHz)

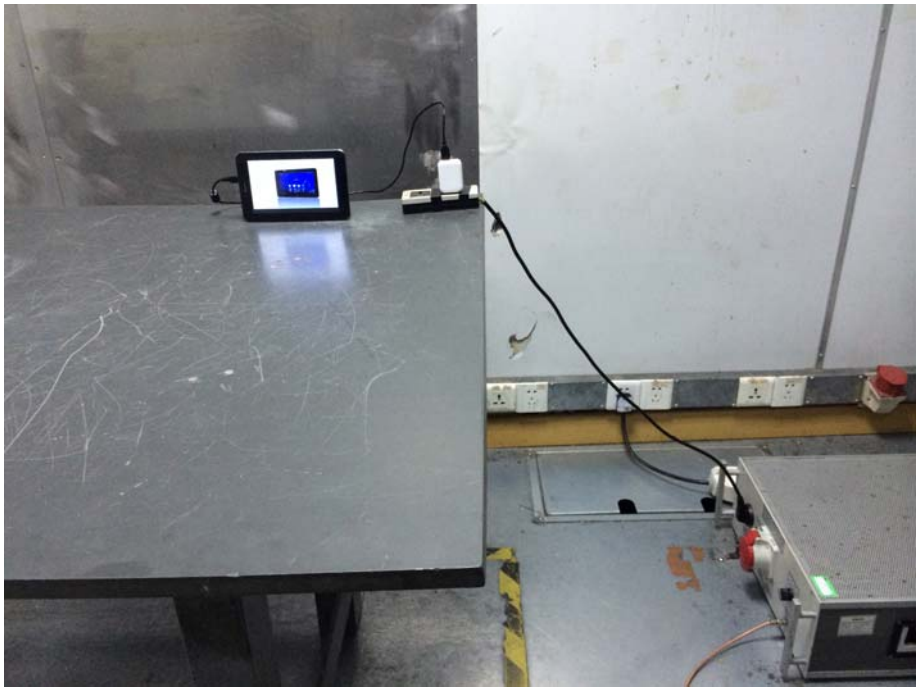


Camera mode(above 1GHz)

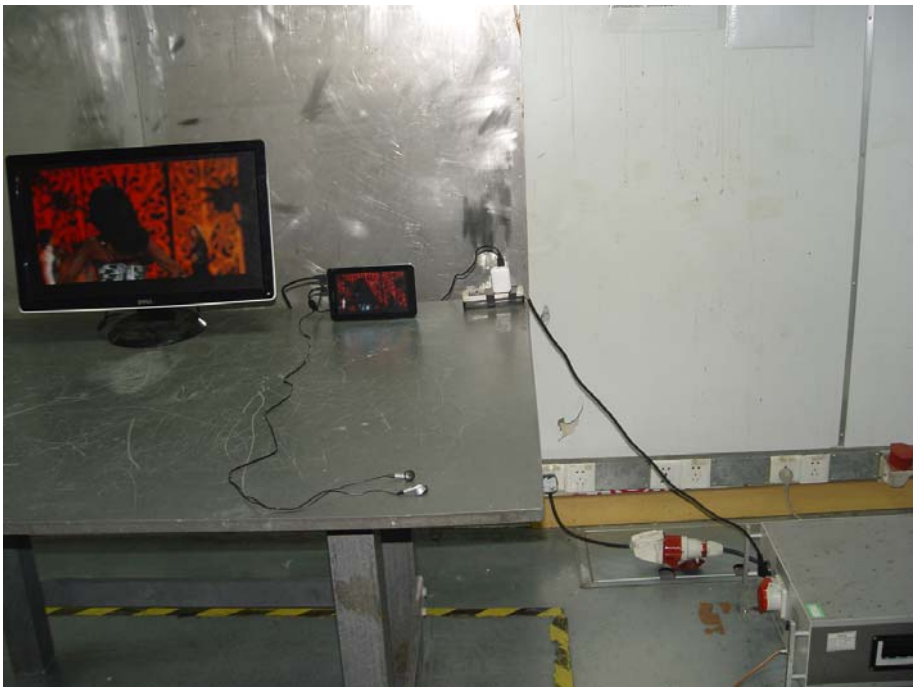


5.2.Photograph of set-up for Mains Terminal Disturbance Voltage

Playing mode

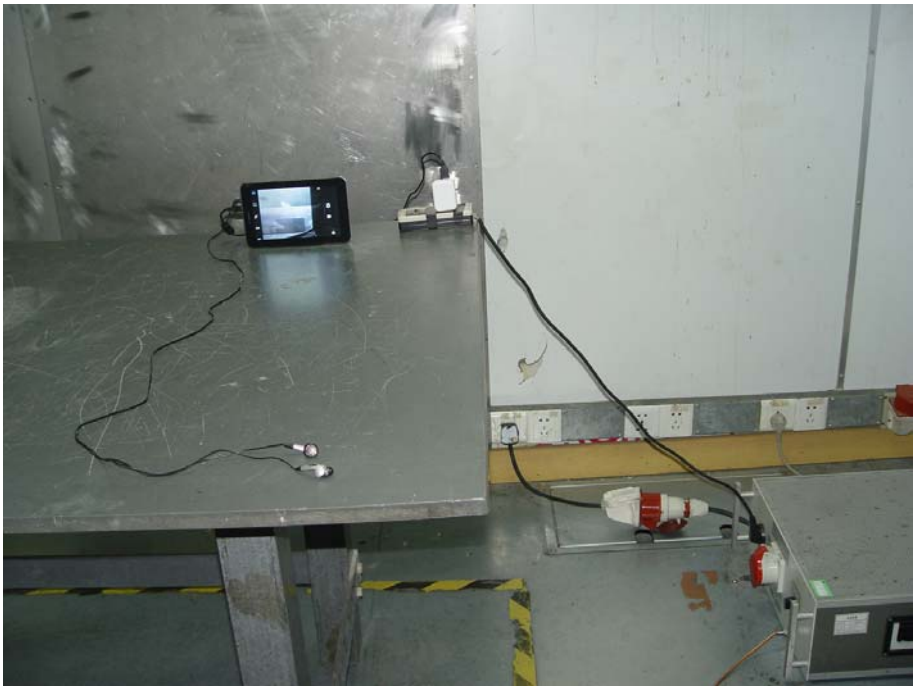


HDMI mode



Transfer data mode

Camera mode

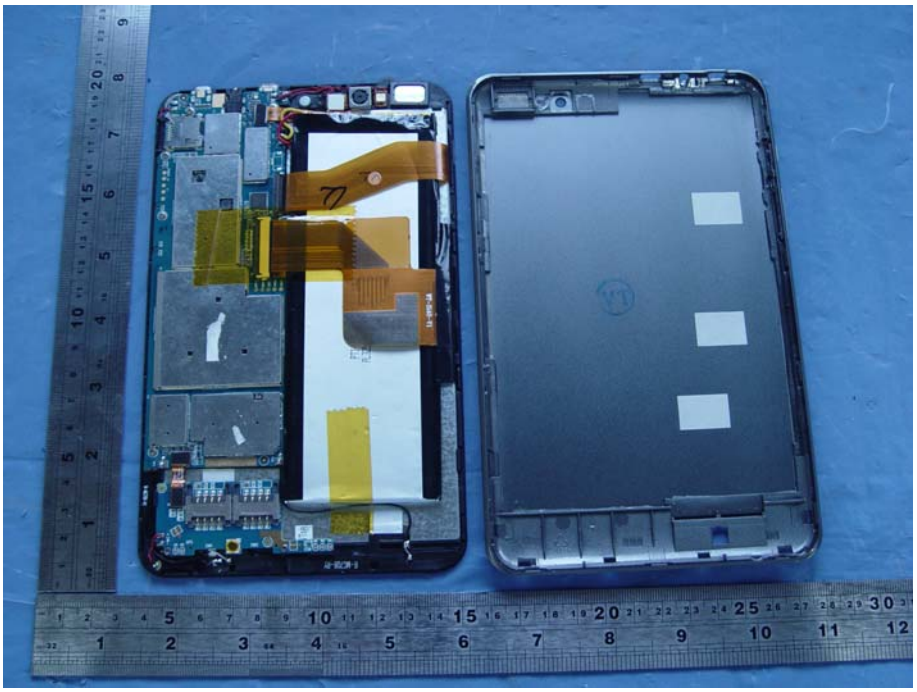


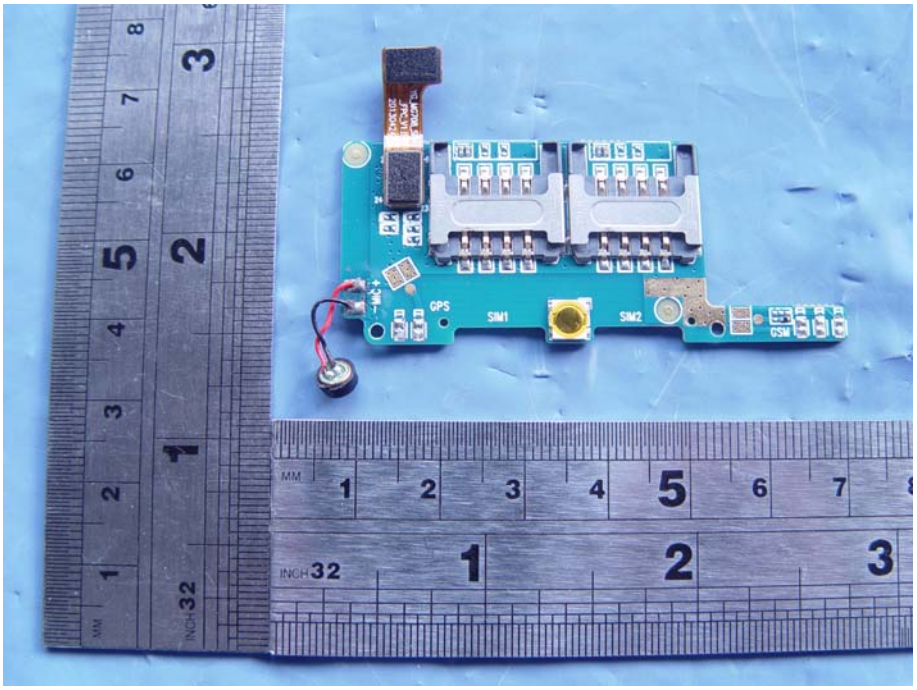
5.3.Photos of EUT


INCH


INCH
LENGTH


SWITCHING ADAPTER
MODEL:SJ-0520-U
P/N:050200
INPUT:100-240V ~
50/60Hz 0.3A
OUTPUT: 5V ⎓ 2.0A
LISTED
E317843 3PLA
MADE IN CHINA

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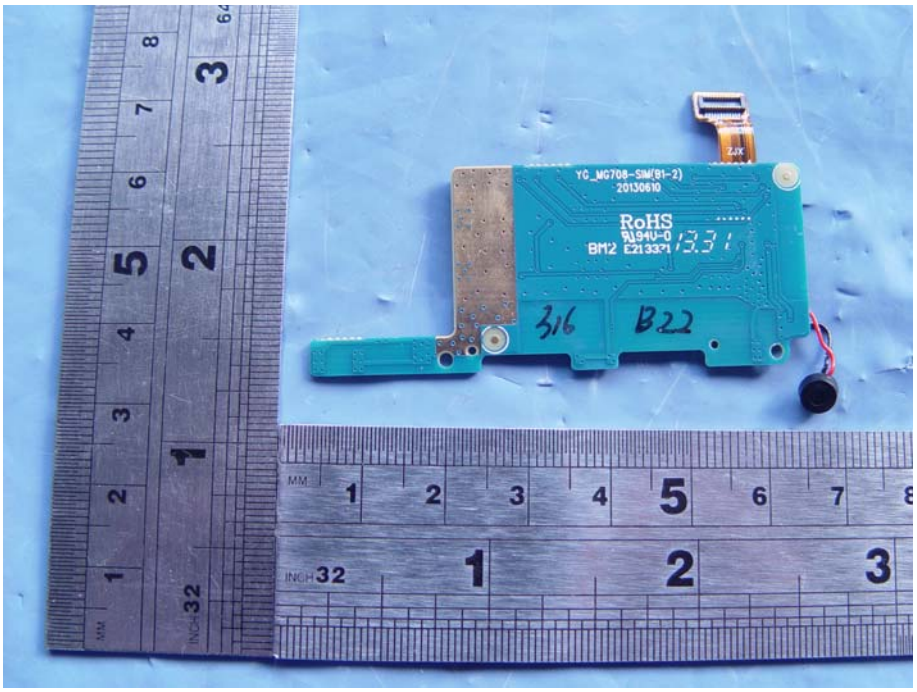
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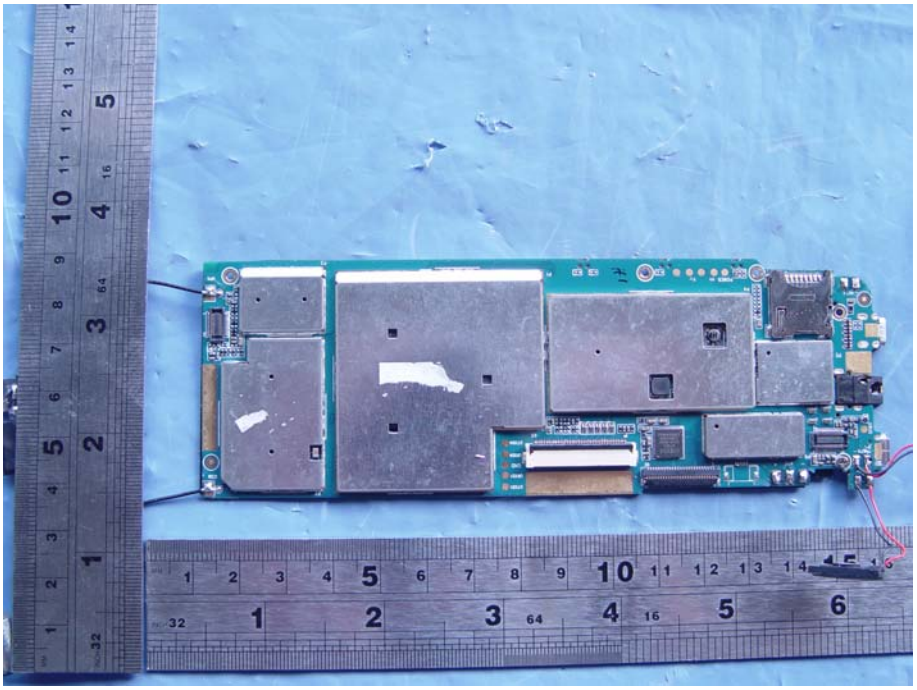

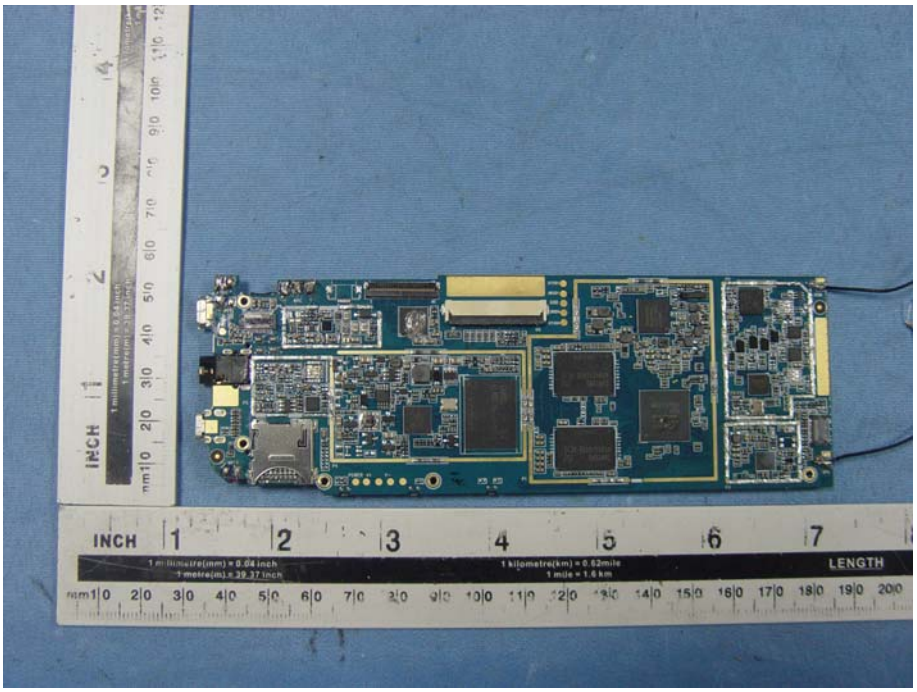
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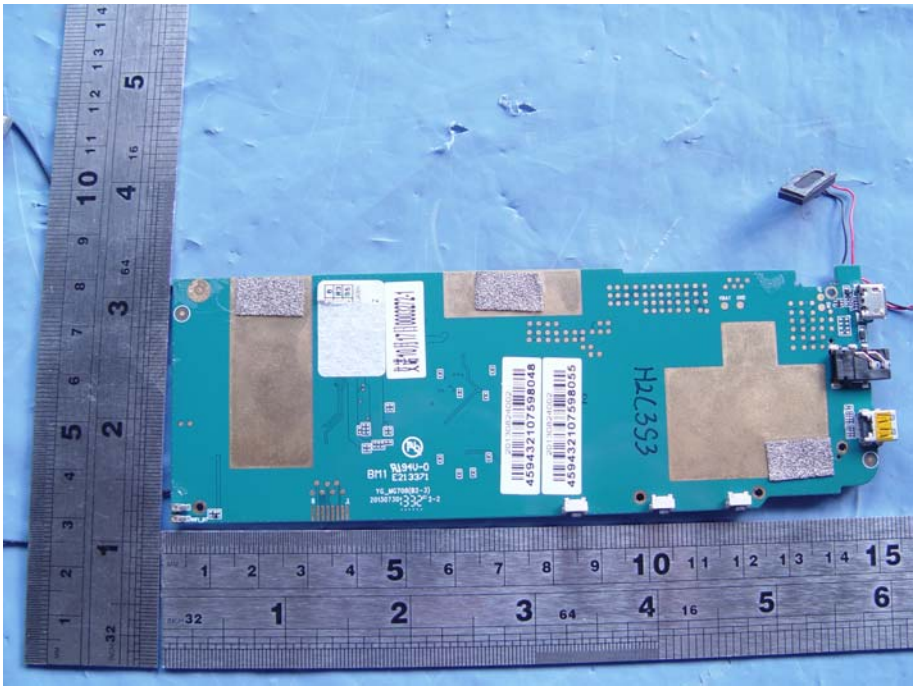
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