

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

Novo10 Hero II User Manual
Model No.: Novo10 Hero II

FCC ID: 2ABTP-NOVO10-II

Prepared for : SHENZHEN AINOL ELECTRON CO.,LTD
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Report No. : ATE20132548
Date of Test : Dec 02, 2013-Feb 28, 2014
Date of Report : Feb 28, 2014

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Test Report Declaration

Applicant : SHENZHEN AINOL ELECTRON CO.,LTD

Manufacturer : SHENZHEN AINOL ELECTRON CO.,LTD

EUT Description : Novo10 Hero II User Manual

(A) MODEL NO.: Novo10 Hero II

(B) Trade Name.: Ainol

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

Measurement Procedure Used:

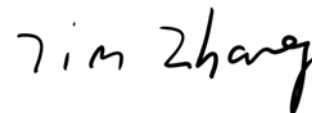
FCC Rules and Regulations Part 15 Subpart B Class B & ANSI C63.4: 2009

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 28, 2014

Prepared by :



(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)

EUT	:	Novo10 Hero II User Manual
Model Number	:	Novo10 Hero II
Frequency Range	:	802.11b/g/n(20MHz): 2412-2462MHz 802.11n(40MHz): 2422-2452MHz
Number of Channels	:	802.11b/g/n (20MHz):11 802.11n (40MHz): 7
Antenna Gain	:	1.5dBi
Type of Antenna	:	Integral Antenna
Power Supply	:	DC 3.7V (Powered by Battery) AC 120V/60Hz (Powered by Adapter)
Data Rate	:	802.11b: 11, 5.5, 2, 1 Mbps 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11n: up to 150Mbps
Adapter	:	Model:ZESS0503000C Input: AC 100-240V 50/60Hz 0.5A Output: 5.0V 3.0A
Modulation Type	:	CCK, OFDM
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
Date of sample received	:	Dec 02, 2013
Date of Test	:	Dec 02, 2013-Feb 28, 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 : U=3.08dB, k=2
(9kHz-30MHz)

Radiated emission expanded uncertainty : U=4.42dB, k=2
(30MHz-1000MHz)

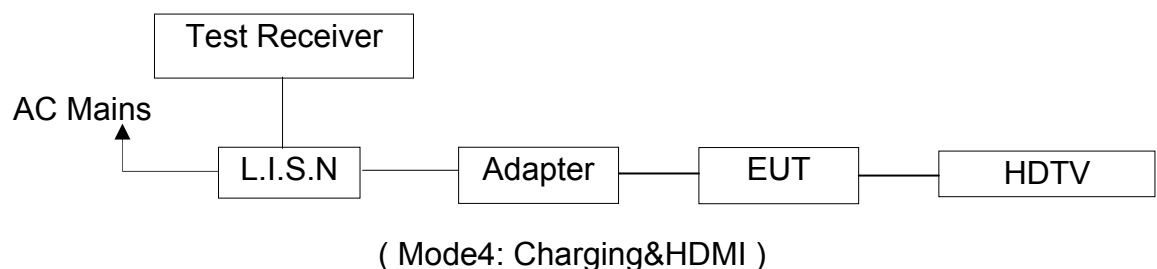
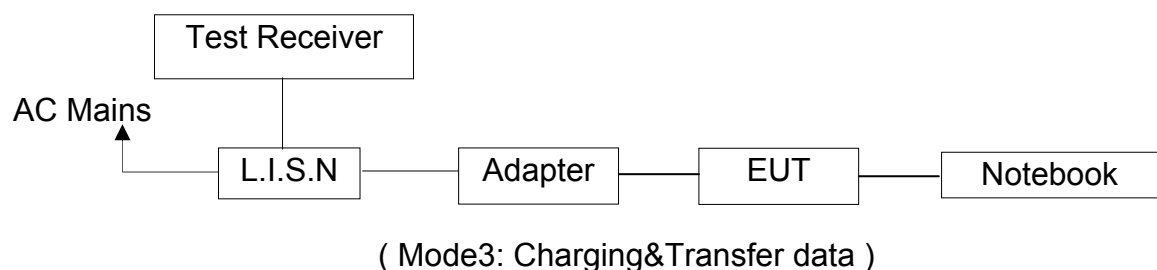
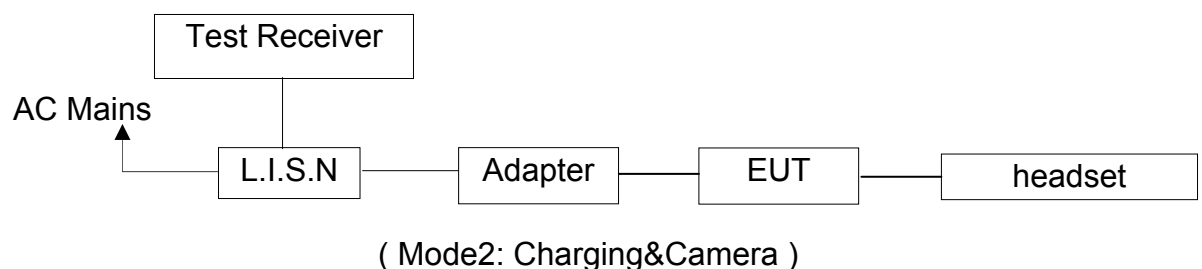
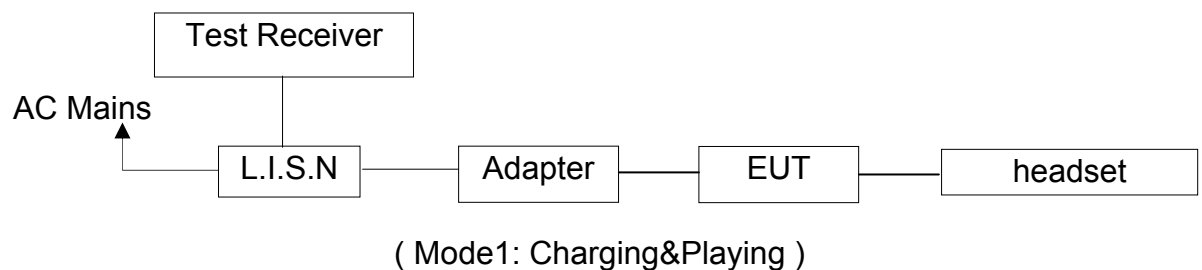
Radiated emission expanded uncertainty : U=4.06dB, k=2
(Above 1GHz)

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



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: "H-1206-F04_fin"

12/6/2013 3:32PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.460537	45.70	10.7	57	11.0	QP	L1	GND
2.743053	38.20	11.0	56	17.8	QP	L1	GND
5.494146	35.00	11.2	60	25.0	QP	L1	GND

MEASUREMENT RESULT: "H-1206-F04_fin2"

12/6/2013 3:32PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.453242	30.20	10.7	47	16.6	AV	L1	GND
2.699599	27.30	11.0	46	18.7	AV	L1	GND
5.321456	25.70	11.2	50	24.3	AV	L1	GND

MEASUREMENT RESULT: "H-1206-F03_fin"

12/6/2013 3:29PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.462379	45.10	10.7	57	11.5	QP	N	GND
1.606633	39.10	10.9	56	16.9	QP	N	GND
5.494146	35.40	11.2	60	24.6	QP	N	GND

MEASUREMENT RESULT: "H-1206-F03_fin2"

12/6/2013 3:29PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.462379	26.30	10.7	47	20.3	AV	N	GND
2.732124	26.20	11.0	46	19.8	AV	N	GND
5.649841	23.80	11.2	50	26.2	AV	N	GND

Test mode : Charging+ Camera

MEASUREMENT RESULT: "H-1206-F05_fin"

12/6/2013 3:34PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.447846	44.80	10.7	57	12.1	QP	L1	GND
2.743053	40.60	11.0	56	15.4	QP	L1	GND
5.717910	36.10	11.2	60	23.9	QP	L1	GND

MEASUREMENT RESULT: "H-1206-F05_fin2"

12/6/2013 3:34PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.519130	29.20	10.7	46	16.8	AV	L1	GND
2.798355	28.60	11.0	46	17.4	AV	L1	GND
5.879946	25.90	11.2	50	24.1	AV	L1	GND

MEASUREMENT RESULT: "H-1206-F06_fin"

12/6/2013 3:37PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.451436	46.00	10.7	57	10.8	QP	N	GND
1.761133	39.50	11.0	56	16.5	QP	N	GND
5.279139	36.50	11.2	60	23.5	QP	N	GND

MEASUREMENT RESULT: "H-1206-F06_fin2"

12/6/2013 3:37PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.464229	28.30	10.7	47	18.3	AV	N	GND
2.843398	26.00	11.0	46	20.0	AV	N	GND
6.143900	24.20	11.2	50	25.8	AV	N	GND

Test mode : Charging+ Transfer data								
MEASUREMENT RESULT: "H-1206-F07_fin"								
12/6/2013 3:40PM								
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE	
0.466086	45.40	10.7	57	11.2	QP	N	GND	
1.574882	39.60	10.9	56	16.4	QP	N	GND	
5.279139	35.30	11.2	60	24.7	QP	N	GND	
MEASUREMENT RESULT: "H-1206-F07_fin2"								
12/6/2013 3:40PM								
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE	
0.467950	29.80	10.7	47	16.8	AV	N	GND	
1.768177	23.10	11.0	46	22.9	AV	N	GND	
5.385570	24.00	11.2	50	26.0	AV	N	GND	
MEASUREMENT RESULT: "H-1206-F08_fin"								
12/6/2013 3:43PM								
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE	
0.466086	46.60	10.7	57	10.0	QP	L1	GND	
0.967688	40.20	10.8	56	15.8	QP	L1	GND	
5.428740	36.10	11.2	60	23.9	QP	L1	GND	
MEASUREMENT RESULT: "H-1206-F08_fin2"								
12/6/2013 3:43PM								
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE	
0.466086	34.10	10.7	47	12.5	AV	L1	GND	
1.537609	26.80	10.9	46	19.2	AV	L1	GND	
5.174811	25.20	11.2	50	24.8	AV	L1	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: "H-1206-F09_fin"

12/6/2013 3:47PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.453242	50.00	10.7	57	6.8	QP	L1	GND
0.971558	43.80	10.8	56	12.2	QP	L1	GND
5.695130	35.80	11.2	60	24.2	QP	L1	GND

MEASUREMENT RESULT: "H-1206-F09_fin2"

12/6/2013 3:47PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.447846	34.60	10.7	47	12.3	AV	L1	GND
0.963832	29.30	10.8	46	16.7	AV	L1	GND
5.407112	26.40	11.2	50	23.6	AV	L1	GND

MEASUREMENT RESULT: "H-1206-F10_fin"

12/6/2013 3:49PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.458702	49.70	10.7	57	7.0	QP	N	GND
0.975445	44.10	10.8	56	11.9	QP	N	GND
5.407112	36.30	11.2	60	23.7	QP	N	GND

MEASUREMENT RESULT: "H-1206-F10_fin2"

12/6/2013 3:49PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.442514	31.70	10.7	47	15.3	AV	N	GND
0.975445	29.00	10.8	46	17.0	AV	N	GND
5.364113	24.60	11.2	50	25.4	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.

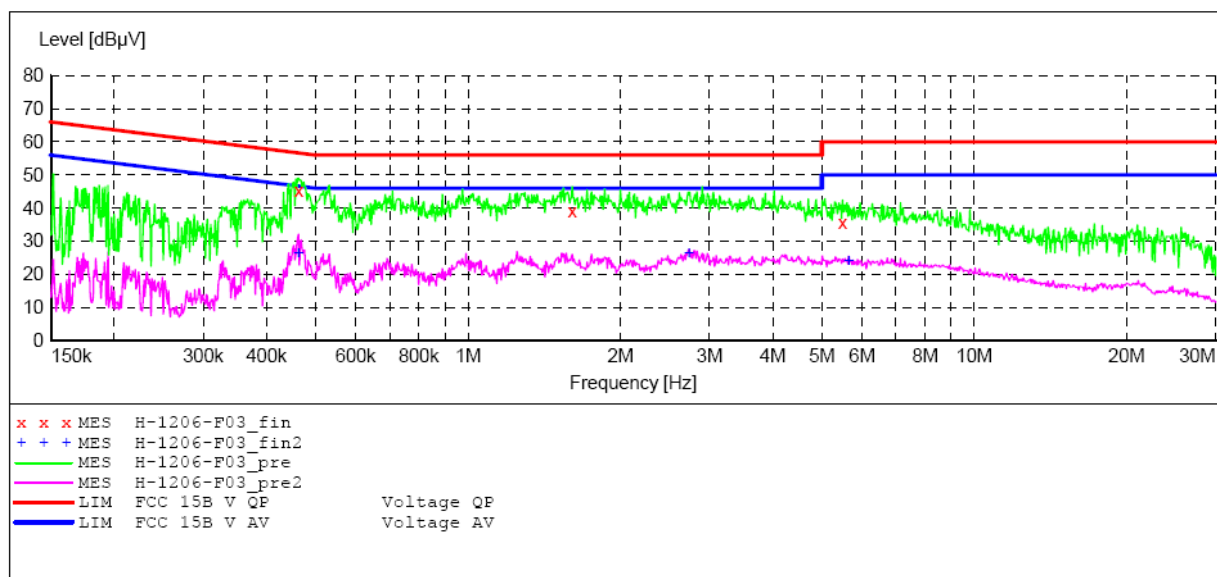
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Novol0 Hero II User Manual M/N:Novol0 Hero II
 Manufacturer: Ainol
 Operating Condition: Video Playing
 Test Site: 1#Shielding Room
 Operator: Alen
 Test Specification: N 120V/60Hz
 Comment: Report NO:ATE20132548
 Start of Test: 12/6/2013 / 3:27:37PM

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "H-1206-F03_fin"

12/6/2013 3:29PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.462379	45.10	10.7	57	11.5	QP	N	GND
1.606633	39.10	10.9	56	16.9	QP	N	GND
5.494146	35.40	11.2	60	24.6	QP	N	GND

MEASUREMENT RESULT: "H-1206-F03_fin2"

12/6/2013 3:29PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.462379	26.30	10.7	47	20.3	AV	N	GND
2.732124	26.20	11.0	46	19.8	AV	N	GND
5.649841	23.80	11.2	50	26.2	AV	N	GND

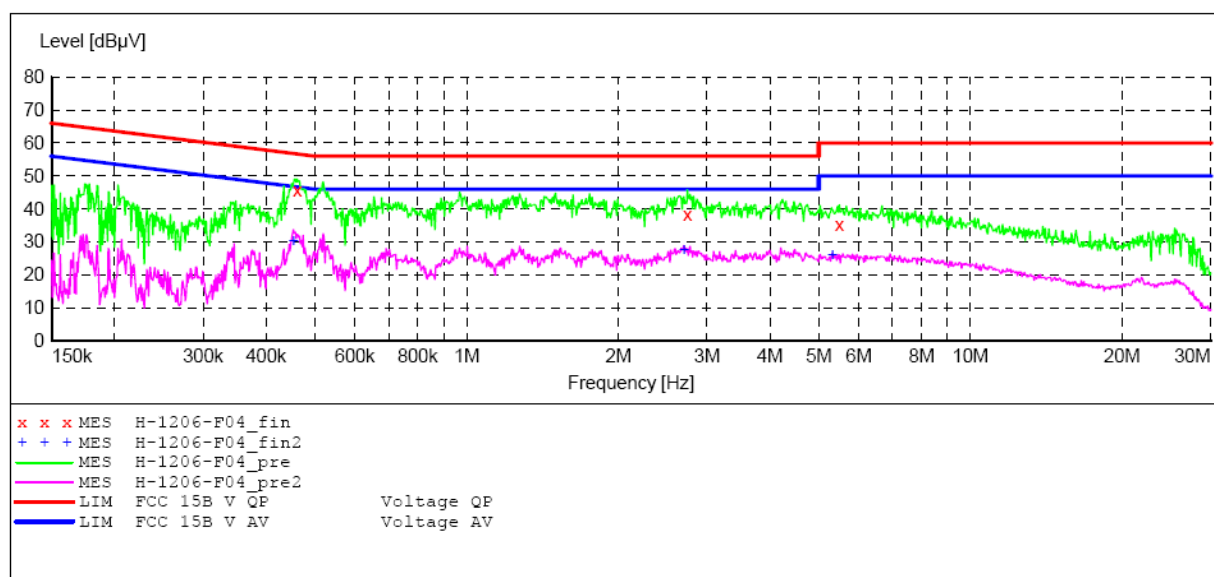
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Novol10 Hero II User Manual M/N:Novol10 Hero II
 Manufacturer: Ainol
 Operating Condition: Video Playing
 Test Site: 1#Shielding Room
 Operator: Alen
 Test Specification: L 120V/60Hz
 Comment: Report NO:ATE20132548
 Start of Test: 12/6/2013 / 3:30:09PM

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "H-1206-F04_fin"

12/6/2013 3:32PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.460537	45.70	10.7	57	11.0	QP	L1	GND
2.743053	38.20	11.0	56	17.8	QP	L1	GND
5.494146	35.00	11.2	60	25.0	QP	L1	GND

MEASUREMENT RESULT: "H-1206-F04_fin2"

12/6/2013 3:32PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.453242	30.20	10.7	47	16.6	AV	L1	GND
2.699599	27.30	11.0	46	18.7	AV	L1	GND
5.321456	25.70	11.2	50	24.3	AV	L1	GND

ACCURATE TECHNOLOGY CO., LTD

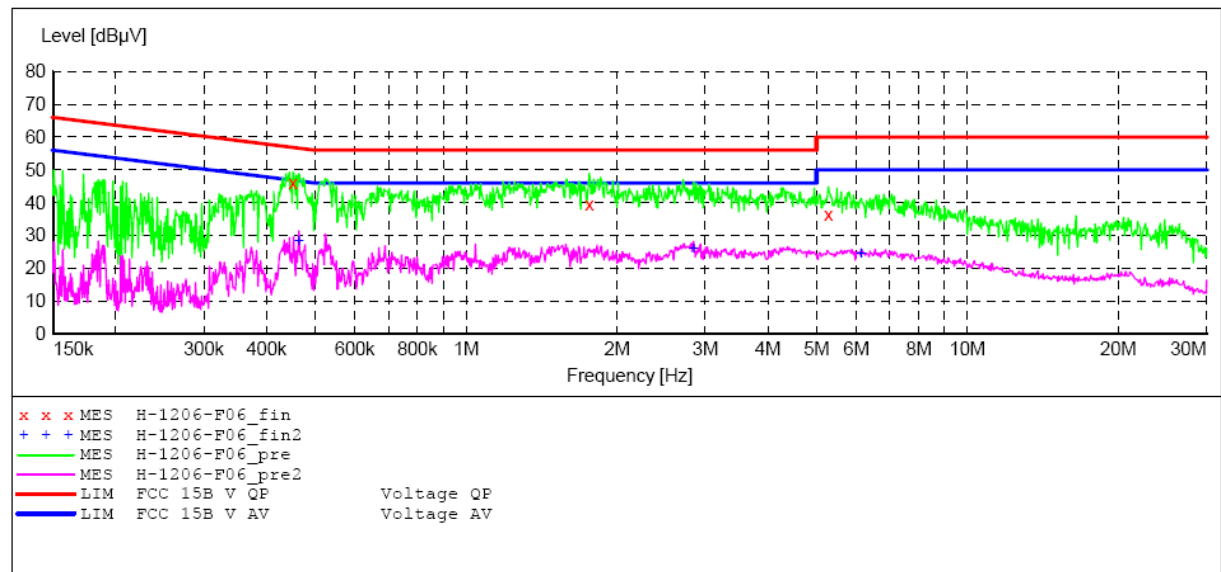
CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Novol0 Hero II User Manual M/N:Novol0 Hero II
 Manufacturer: Ainol
 Operating Condition: Camera
 Test Site: 1#Shielding Room
 Operator: Alen
 Test Specification: N 120V/60Hz
 Comment: Report NO:ATE20132548
 Start of Test: 12/6/2013 / 3:35:28PM

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

Short Description: _SUB_STD_VTERM2 1.70

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



MEASUREMENT RESULT: "H-1206-F06_fin"

12/6/2013 3:37PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.451436	46.00	10.7	57	10.8	QP	N	GND
1.761133	39.50	11.0	56	16.5	QP	N	GND
5.279139	36.50	11.2	60	23.5	QP	N	GND

MEASUREMENT RESULT: "H-1206-F06_fin2"

12/6/2013 3:37PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.464229	28.30	10.7	47	18.3	AV	N	GND
2.843398	26.00	11.0	46	20.0	AV	N	GND
6.143900	24.20	11.2	50	25.8	AV	N	GND

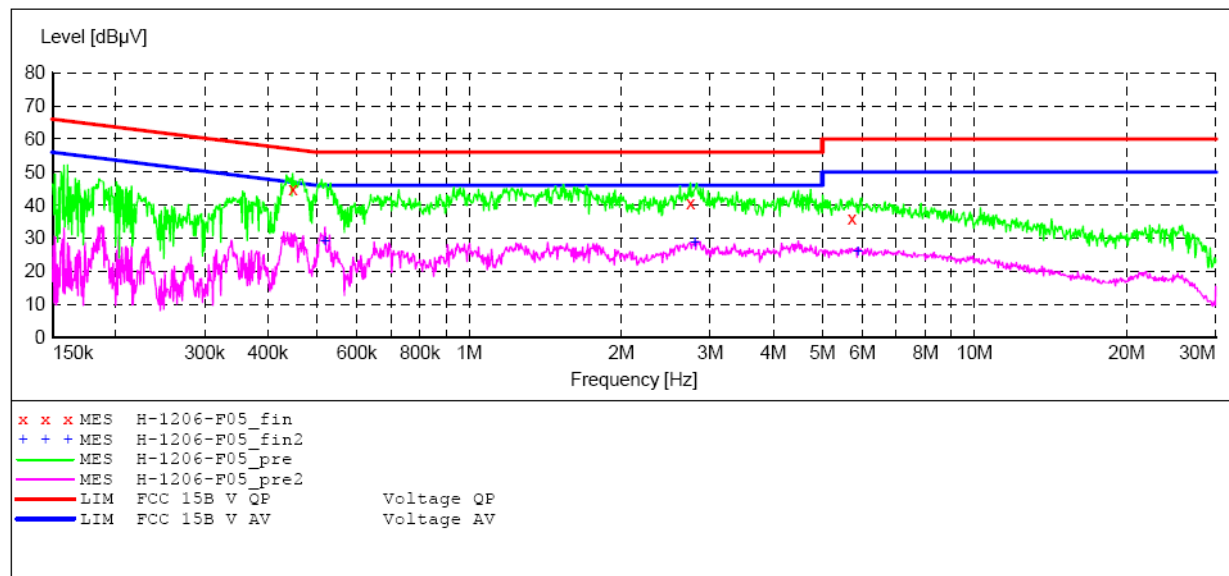
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Novol0 Hero II User Manual M/N:Novol0 Hero II
 Manufacturer: Ainol
 Operating Condition: Camera
 Test Site: 1#Shielding Room
 Operator: Alen
 Test Specification: L 120V/60Hz
 Comment: Report NO:ATE20132548
 Start of Test: 12/6/2013 / 3:33:00PM

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "H-1206-F05_fin"

12/6/2013 3:34PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.447846	44.80	10.7	57	12.1	QP	L1	GND
2.743053	40.60	11.0	56	15.4	QP	L1	GND
5.717910	36.10	11.2	60	23.9	QP	L1	GND

MEASUREMENT RESULT: "H-1206-F05_fin2"

12/6/2013 3:34PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.519130	29.20	10.7	46	16.8	AV	L1	GND
2.798355	28.60	11.0	46	17.4	AV	L1	GND
5.879946	25.90	11.2	50	24.1	AV	L1	GND

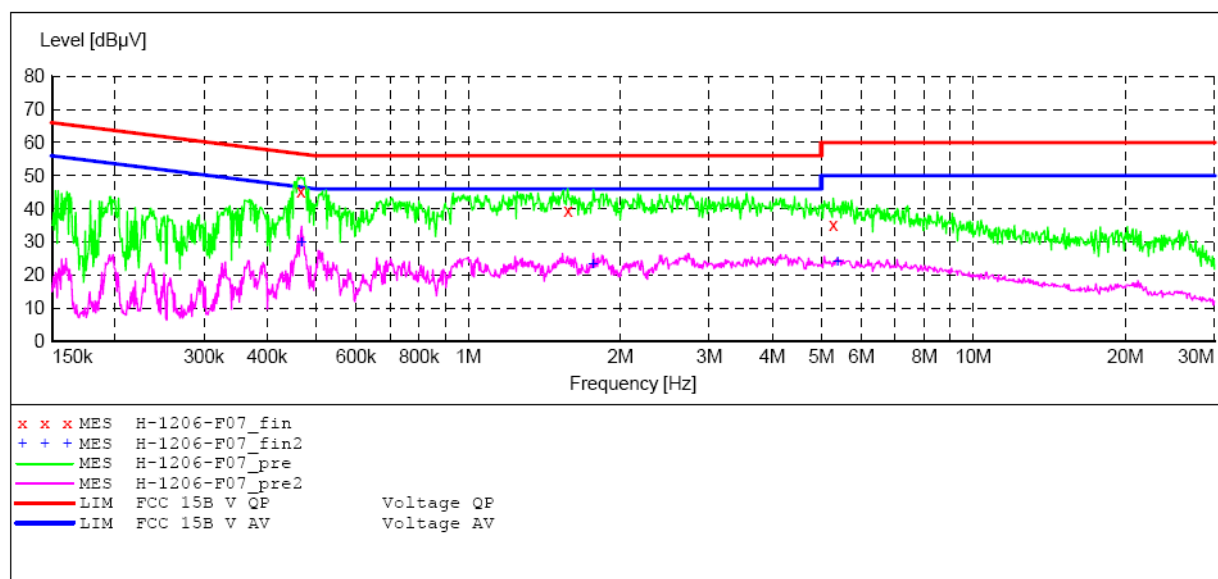
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Novol0 Hero II User Manual M/N:Novol0 Hero II
 Manufacturer: Ainol
 Operating Condition: Transfer data
 Test Site: 1#Shielding Room
 Operator: Alen
 Test Specification: N 120V/60Hz
 Comment: Report NO:ATE20132548
 Start of Test: 12/6/2013 / 3:38:18PM

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "H-1206-F07_fin"

12/6/2013 3:40PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.466086	45.40	10.7	57	11.2	QP	N	GND
1.574882	39.60	10.9	56	16.4	QP	N	GND
5.279139	35.30	11.2	60	24.7	QP	N	GND

MEASUREMENT RESULT: "H-1206-F07_fin2"

12/6/2013 3:40PM

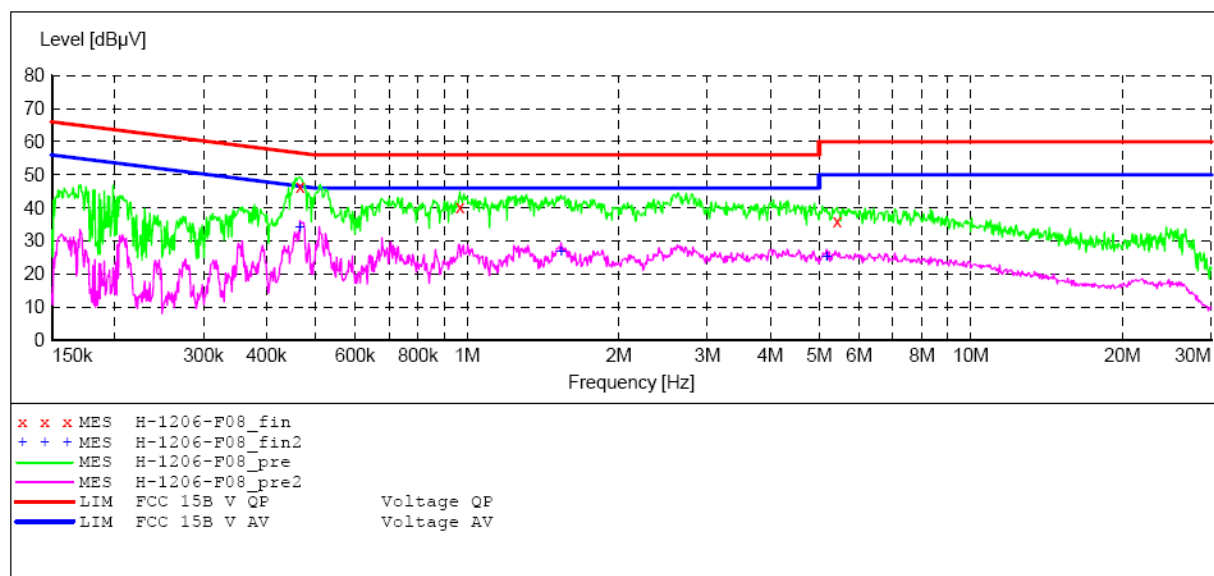
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.467950	29.80	10.7	47	16.8	AV	N	GND
1.768177	23.10	11.0	46	22.9	AV	N	GND
5.385570	24.00	11.2	50	26.0	AV	N	GND

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Novol10 Hero II User Manual M/N:Novol10 Hero II
 Manufacturer: Ainol
 Operating Condition: Transfer data
 Test Site: 1#Shielding Room
 Operator: Alen
 Test Specification: L 120V/60Hz
 Comment: Report NO:ATE20132548
 Start of Test: 12/6/2013 / 3:41:21PM

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "H-1206-F08_fin"

12/6/2013 3:43PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.466086	46.60	10.7	57	10.0	QP	L1	GND
0.967688	40.20	10.8	56	15.8	QP	L1	GND
5.428740	36.10	11.2	60	23.9	QP	L1	GND

MEASUREMENT RESULT: "H-1206-F08_fin2"

12/6/2013 3:43PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.466086	34.10	10.7	47	12.5	AV	L1	GND
1.537609	26.80	10.9	46	19.2	AV	L1	GND
5.174811	25.20	11.2	50	24.8	AV	L1	GND

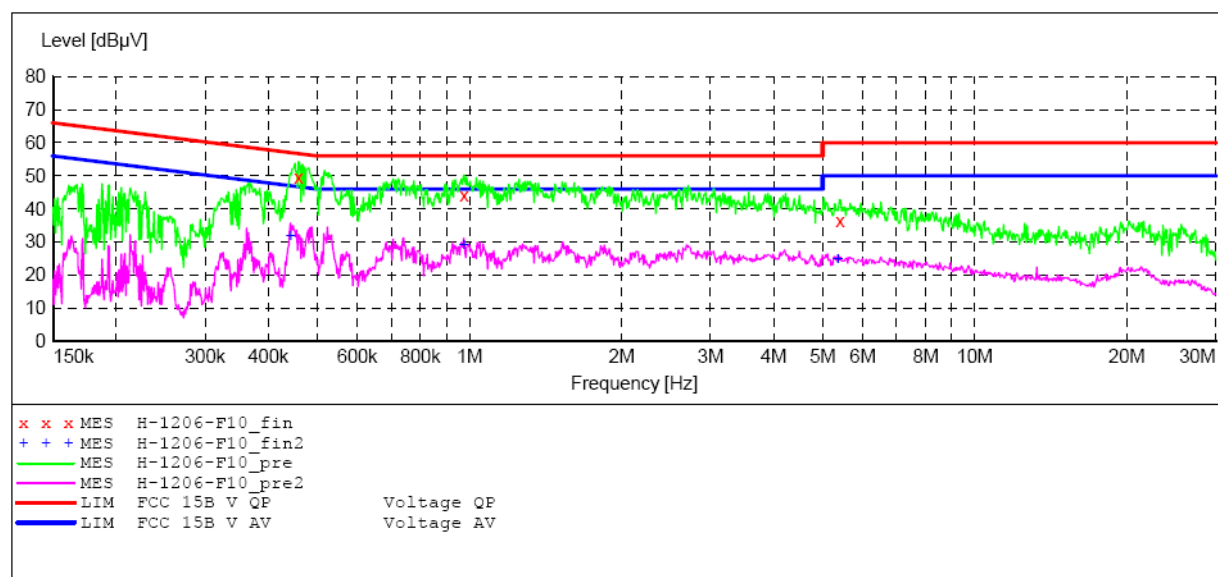
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Novol0 Hero II User Manual M/N:Novol0 Hero II
 Manufacturer: Ainol
 Operating Condition: HDMI
 Test Site: 1#Shielding Room
 Operator: Alen
 Test Specification: N 120V/60Hz
 Comment: Report NO:ATE20132548
 Start of Test: 12/6/2013 / 3:47:52PM

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "H-1206-F10_fin"

12/6/2013 3:49PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.458702	49.70	10.7	57	7.0	QP	N	GND
0.975445	44.10	10.8	56	11.9	QP	N	GND
5.407112	36.30	11.2	60	23.7	QP	N	GND

MEASUREMENT RESULT: "H-1206-F10_fin2"

12/6/2013 3:49PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.442514	31.70	10.7	47	15.3	AV	N	GND
0.975445	29.00	10.8	46	17.0	AV	N	GND
5.364113	24.60	11.2	50	25.4	AV	N	GND

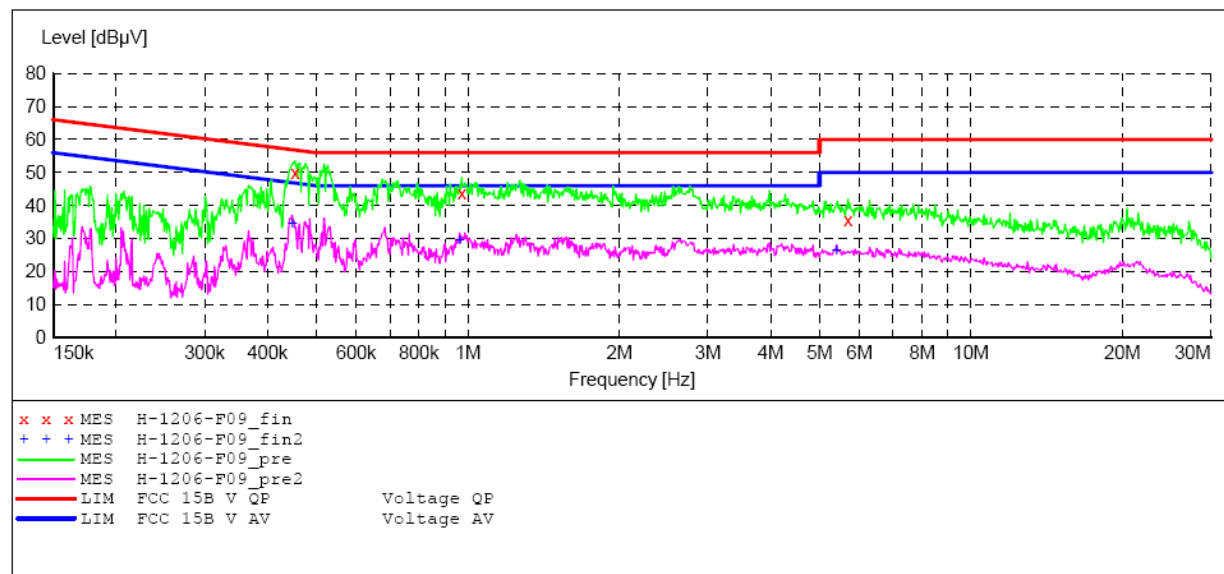
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Novol0 Hero II User Manual M/N:Novol0 Hero II
 Manufacturer: Ainol
 Operating Condition: HDMI
 Test Site: 1#Shielding Room
 Operator: Alen
 Test Specification: L 120V/60Hz
 Comment: Report NO:ATE20132548
 Start of Test: 12/6/2013 / 3:44:11PM

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "H-1206-F09_fin"

12/6/2013 3:47PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.453242	50.00	10.7	57	6.8	QP	L1	GND
0.971558	43.80	10.8	56	12.2	QP	L1	GND
5.695130	35.80	11.2	60	24.2	QP	L1	GND

MEASUREMENT RESULT: "H-1206-F09_fin2"

12/6/2013 3:47PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.447846	34.60	10.7	47	12.3	AV	L1	GND
0.963832	29.30	10.8	46	16.7	AV	L1	GND
5.407112	26.40	11.2	50	23.6	AV	L1	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

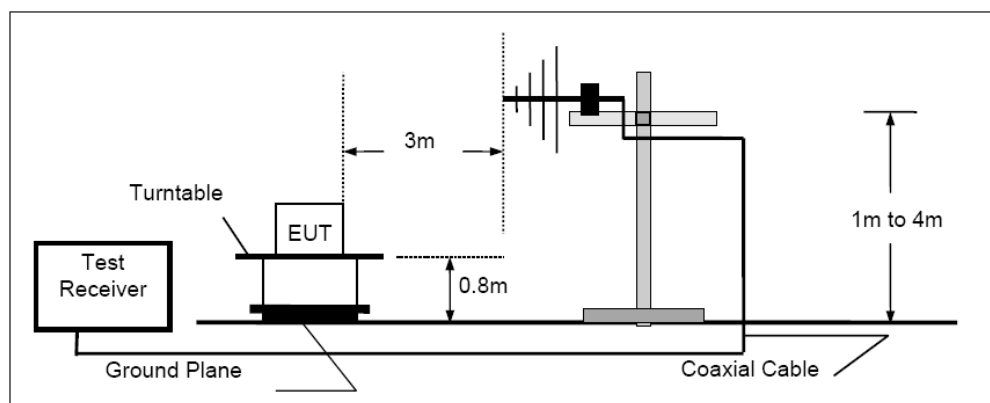
Expanded Uncertainty (9kHz-30MHz): U=3.08dB, k=2

Expanded Uncertainty (30MHz-1000MHz): U=4.42dB, k=2

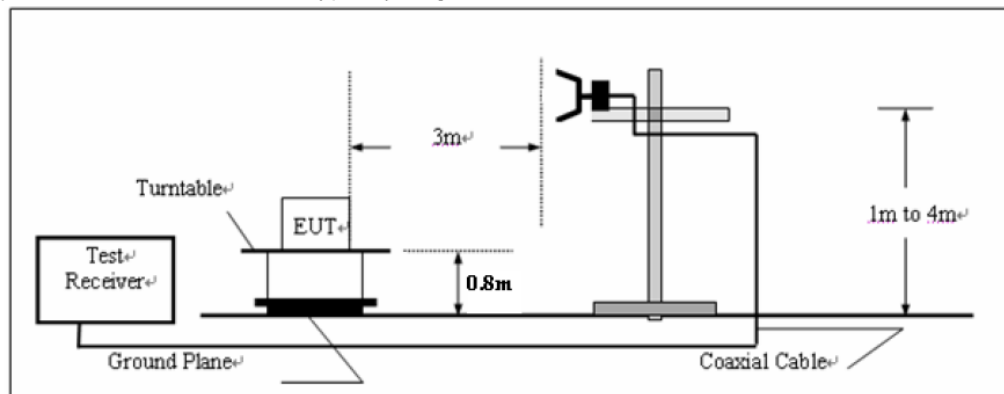
Expanded Uncertainty (Above 1GHz): U=4.06dB, k=2

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

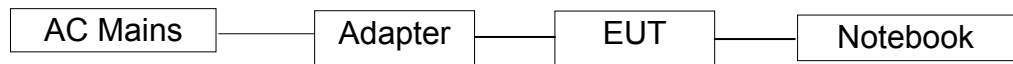
4.3.1. Block diagram of connection between the EUT and simulators



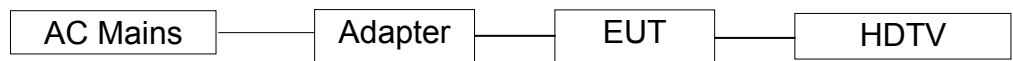
(Mode1: Charging&Playing)



(Mode2: Charging&Camera)

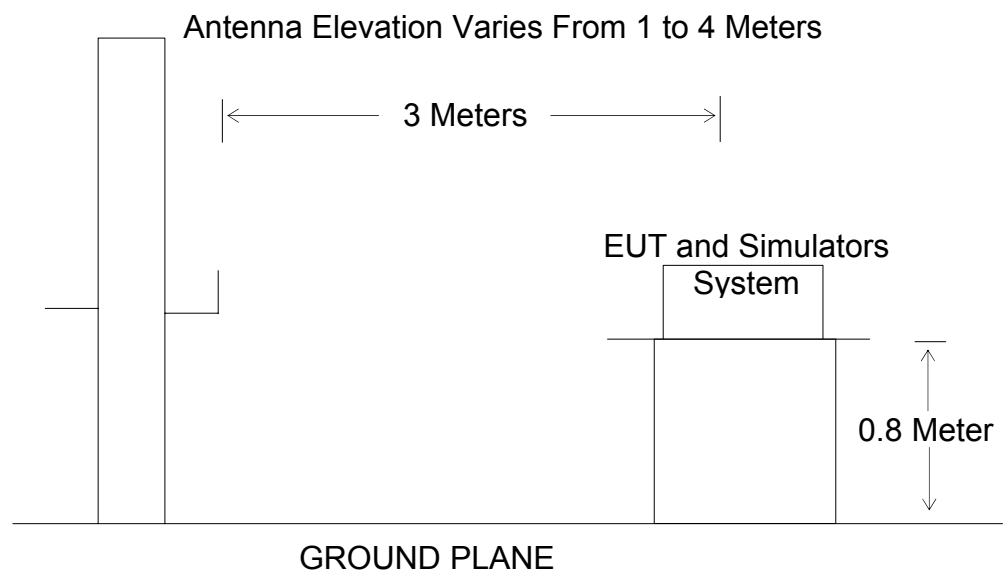


(Mode3: Charging&Transfer data)



(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	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V/m})$
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 $\text{dB}(\mu\text{V}) = 20 \log$ Emission level $\mu\text{V/m}$. (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	109.0285	47.68	-22.31	25.37	43.50	-18.13	QP
	2	169.5989	51.20	-21.84	29.36	43.50	-14.14	QP
	3	485.6093	50.57	-14.10	36.47	46.00	-9.53	QP
	Above 1G							
	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1075.112	50.86	-10.63	40.23	74.00	-33.77	peak
	2	1133.756	52.93	-10.50	42.43	74.00	-31.57	peak
	3	1197.525	53.63	-10.36	43.27	74.00	-30.73	peak
Vertical	Below 1G							
	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	61.7781	47.21	-21.12	26.09	40.00	-13.91	QP
	2	203.5227	47.68	-20.11	27.57	43.50	-15.93	QP
	3	558.7301	45.71	-12.64	33.07	46.00	-12.93	QP
	Above 1G							
	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1133.756	52.55	-10.50	42.05	74.00	-31.95	peak
	2	1189.841	53.42	-10.38	43.04	74.00	-30.96	peak
	3	1375.295	51.07	-9.97	41.10	74.00	-32.90	peak

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	210.0482	61.01	-20.01	41.00	43.50	-2.50	QP
2	330.1949	59.68	-16.98	42.70	46.00	-3.30	QP
3	721.7259	52.89	-9.28	43.61	46.00	-2.39	QP

Above 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1131.933	52.17	-10.51	41.66	74.00	-32.34	peak
2	1199.454	51.54	-10.36	41.18	74.00	-32.82	peak
3	1679.068	49.35	-9.01	40.34	74.00	-33.66	peak

Vertical

Below 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	150.0107	62.08	-23.81	38.27	43.50	-5.23	QP
2	195.1365	56.24	-20.49	35.75	43.50	-7.75	QP
3	541.3724	56.07	-13.04	43.03	46.00	-2.97	QP

Above 1G

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1131.933	53.64	-10.51	43.13	74.00	-30.87	peak
2	1197.525	52.49	-10.36	42.13	74.00	-31.87	peak
3	1681.773	49.69	-9.01	40.68	74.00	-33.32	peak

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	239.9874	55.87	-19.80	36.07	46.00	-9.93	QP
	2	478.8455	51.17	-14.17	37.00	46.00	-9.00	QP
	3	863.0561	43.71	-6.74	36.97	46.00	-9.03	QP
	Above 1G							
	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1256.764	58.13	-10.24	47.89	74.00	-26.11	peak
	2	1316.812	57.18	-10.10	47.08	74.00	-26.92	peak
	3	1997.823	56.22	-7.80	48.42	74.00	-25.58	peak
Vertical	Below 1G							
	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	205.6750	47.35	-20.05	27.30	43.50	-16.20	QP
	2	374.6225	48.98	-15.82	33.16	46.00	-12.84	QP
	3	562.6624	45.36	-12.55	32.81	46.00	-13.19	QP
	Above 1G							
	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1193.677	54.23	-10.37	43.86	74.00	-30.14	peak
	2	1252.725	63.22	-10.24	52.98	74.00	-21.02	peak
	3	2004.264	53.36	-7.79	45.57	74.00	-28.43	peak

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	372.0045	58.63	-15.84	42.79	46.00	-3.21 QP
	2	446.4141	56.58	-14.75	41.83	46.00	-4.17 QP
	3	744.8660	50.99	-8.73	42.26	46.00	-3.74 QP
	Above 1G						
	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB) Detector
	1	1193.677	54.61	-10.37	44.24	74.00	-29.76 peak
	2	1855.259	58.68	-8.35	50.33	74.00	-23.67 peak
	3	1931.429	53.80	-8.06	45.74	74.00	-28.26 peak
Vertical	Below 1G						
	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB) Detector
	1	372.0045	58.27	-15.84	42.43	46.00	-3.57 QP
	2	446.4141	56.35	-14.75	41.60	46.00	-4.40 QP
	3	744.8660	51.27	-8.73	42.54	46.00	-3.46 QP
	Above 1G						
	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB) Detector
	1	1112.070	54.66	-10.56	44.10	74.00	-29.90 peak
	2	1855.259	58.26	-8.35	49.91	74.00	-24.09 peak
	3	1931.429	54.17	-8.06	46.11	74.00	-27.89 peak

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

Below 1G



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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2868

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: Video Playing

Model: Novo10 Hero II

Manufacturer: Ainol

Polarization: Horizontal

Power Source: AC 120V/60Hz

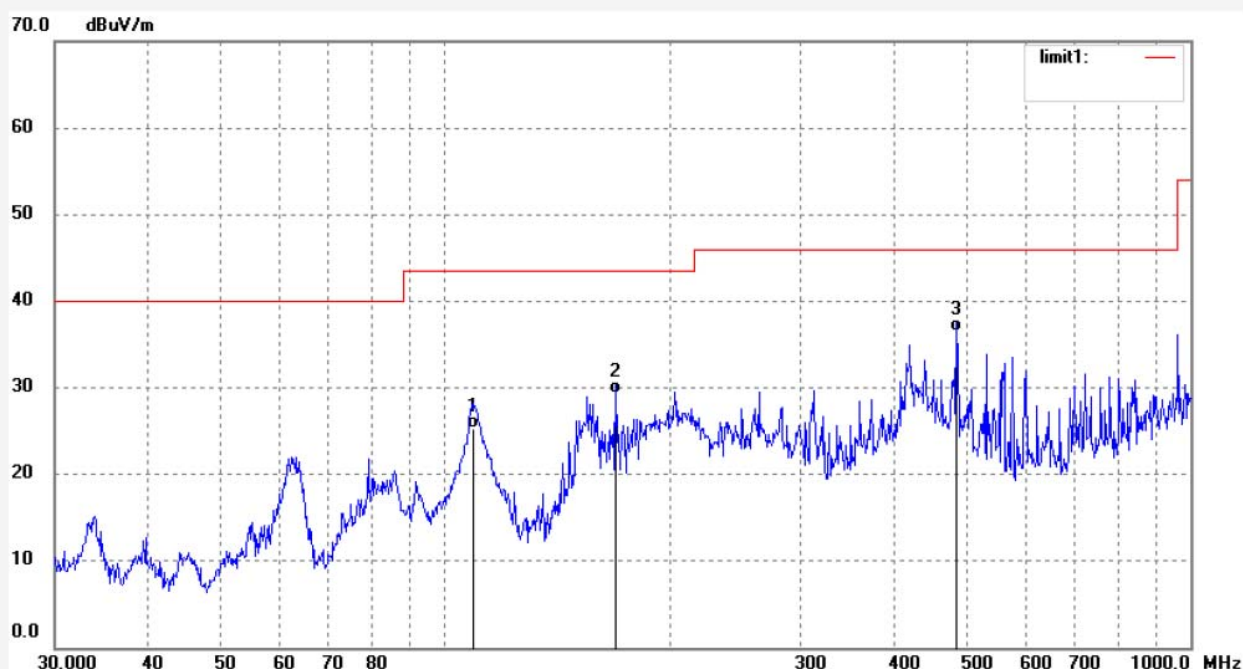
Date: 13/12/11/

Time: 8/57/35

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	109.0285	47.68	-22.31	25.37	43.50	-18.13	QP			
2	169.5989	51.20	-21.84	29.36	43.50	-14.14	QP			
3	485.6093	50.57	-14.10	36.47	46.00	-9.53	QP			



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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2869

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: Video Playing

Model: Novo10 Hero II

Manufacturer: Ainol

Polarization: Vertical

Power Source: AC 120V/60Hz

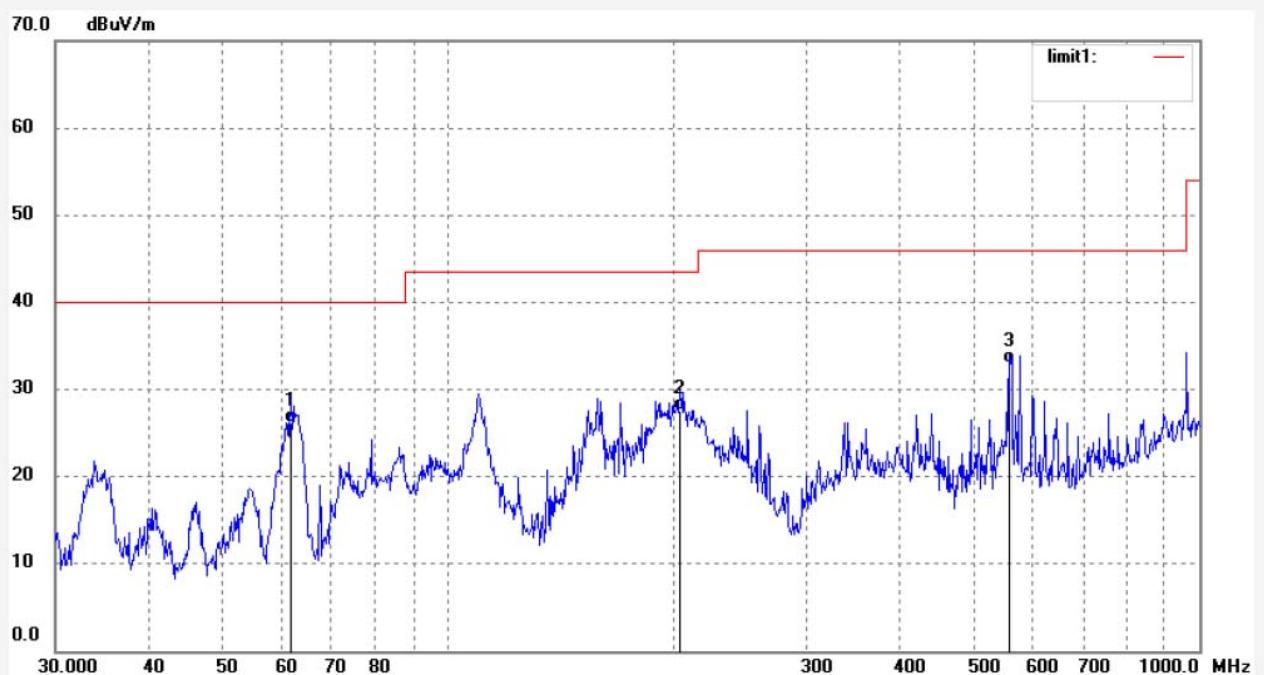
Date: 13/12/11/

Time: 8/58/50

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	61.7781	47.21	-21.12	26.09	40.00	-13.91	QP			
2	203.5227	47.68	-20.11	27.57	43.50	-15.93	QP			
3	558.7301	45.71	-12.64	33.07	46.00	-12.93	QP			



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Report No.: ATE20132548

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2867

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: Camera

Model: Novo10 Hero II

Manufacturer: Ainol

Polarization: Horizontal

Power Source: AC 120V/60Hz

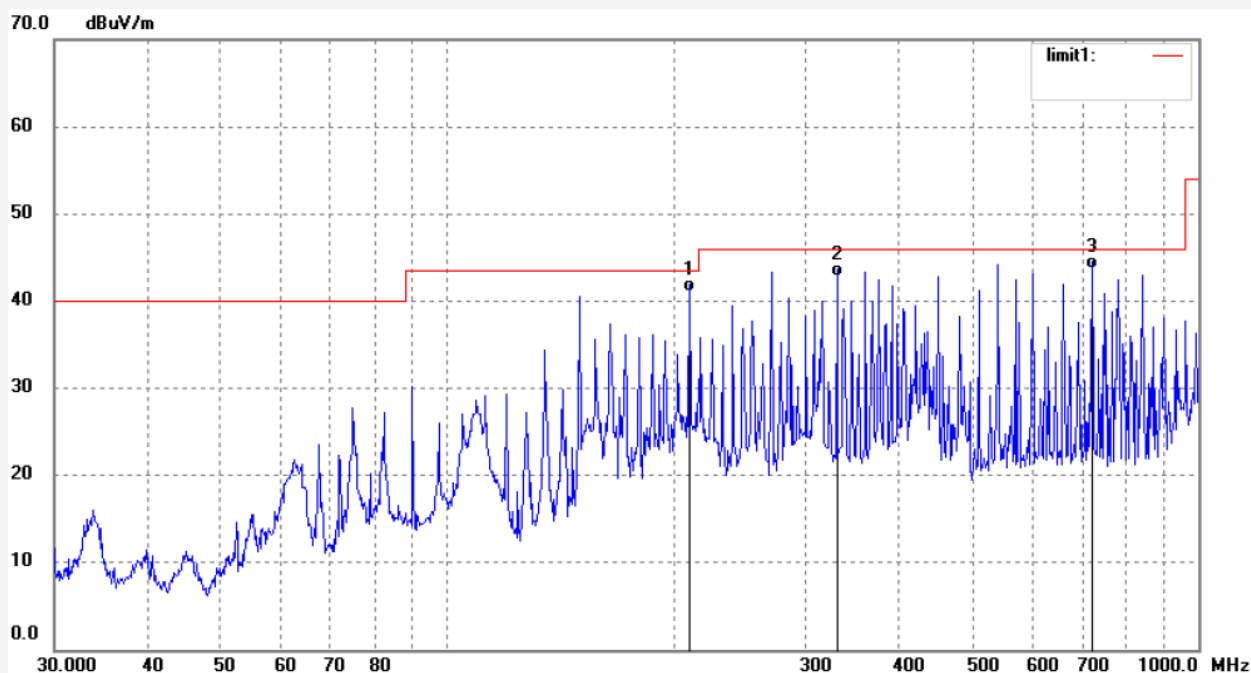
Date: 13/12/11/

Time: 8/55/08

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	210.0482	61.01	-20.01	41.00	43.50	-2.50	QP			
2	330.1949	59.68	-16.98	42.70	46.00	-3.30	QP			
3	721.7259	52.89	-9.28	43.61	46.00	-2.39	QP			



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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2866

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: Camera

Model: Novo10 Hero II

Manufacturer: Ainol

Polarization: Vertical

Power Source: AC 120V/60Hz

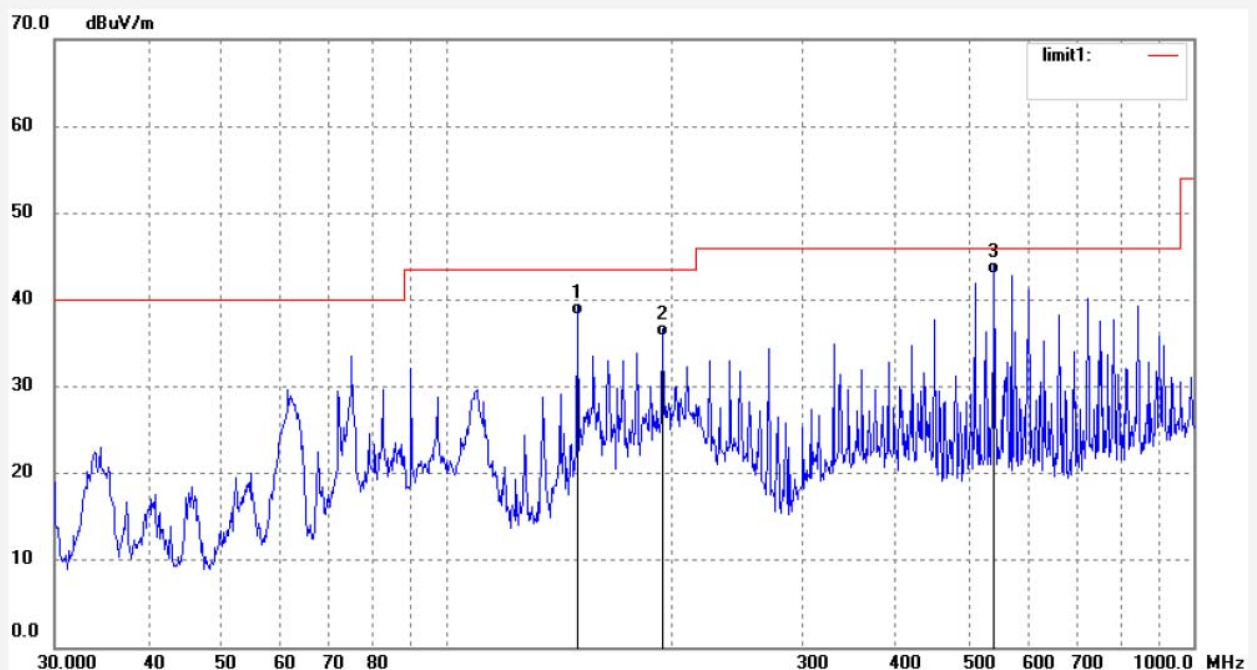
Date: 13/12/11/

Time: 8/54/05

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	150.0107	62.08	-23.81	38.27	43.50	-5.23	QP			
2	195.1365	56.24	-20.49	35.75	43.50	-7.75	QP			
3	541.3724	56.07	-13.04	43.03	46.00	-2.97	QP			



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Report No.: ATE20132548

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2872

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: Transfer data

Model: Novo10 Hero II

Manufacturer: Ainol

Polarization: Horizontal

Power Source: AC 120V/60Hz

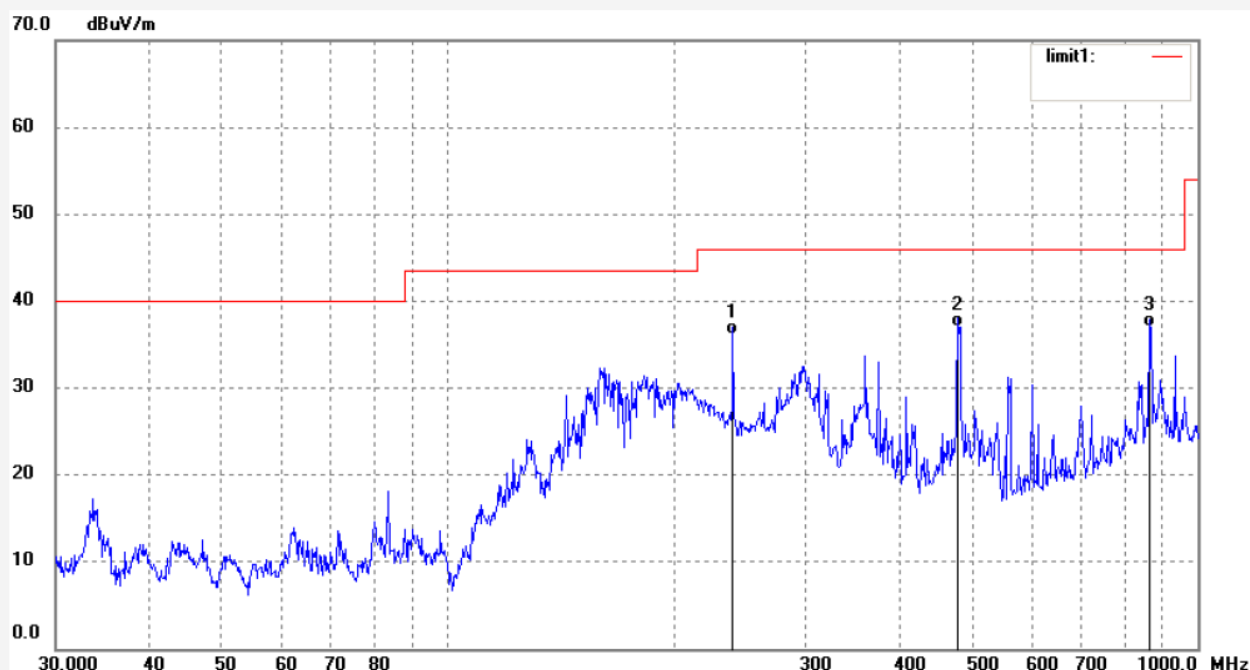
Date: 13/12/11/

Time: 9/10/32

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	239.9874	55.87	-19.80	36.07	46.00	-9.93	QP			
2	478.8455	51.17	-14.17	37.00	46.00	-9.00	QP			
3	863.0561	43.71	-6.74	36.97	46.00	-9.03	QP			

Job No.: alen #2873

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: Transfer data

Model: Novo10 Hero II

Manufacturer: Ainol

Polarization: Vertical

Power Source: AC 120V/60Hz

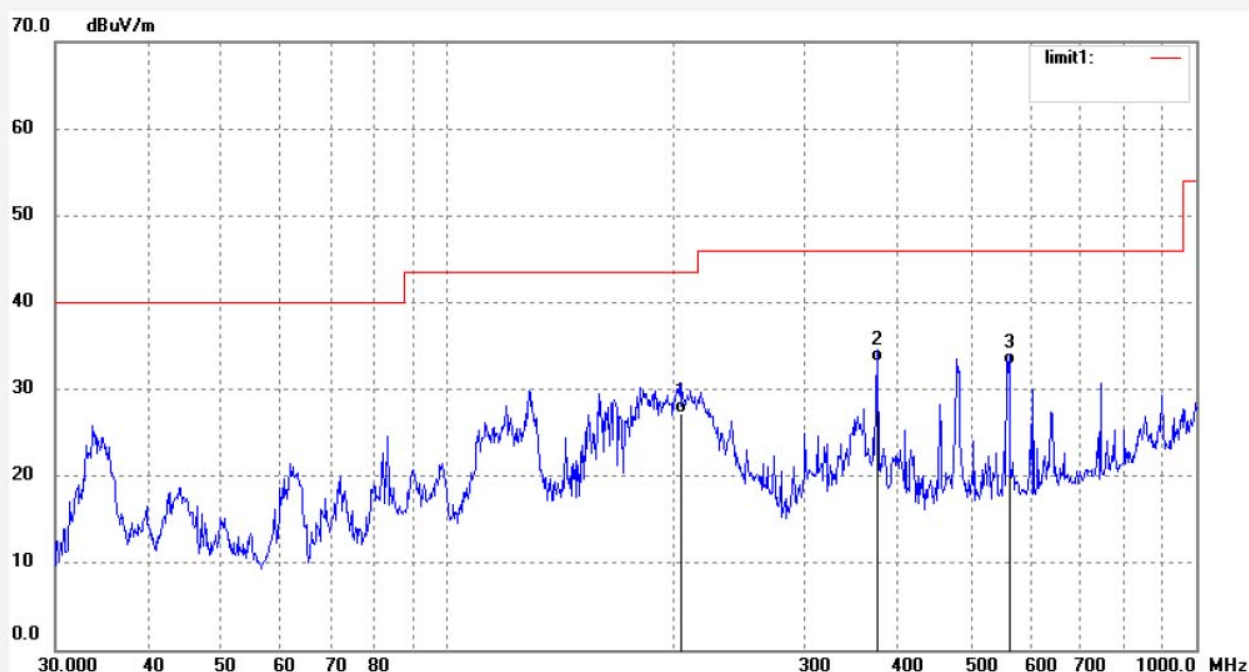
Date: 13/12/11/

Time: 9/12/20

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	205.6750	47.35	-20.05	27.30	43.50	-16.20	QP			
2	374.6225	48.98	-15.82	33.16	46.00	-12.84	QP			
3	562.6624	45.36	-12.55	32.81	46.00	-13.19	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2871

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: HDMI

Model: Novo10 Hero II

Manufacturer: Ainol

Polarization: Horizontal

Power Source: AC 120V/60Hz

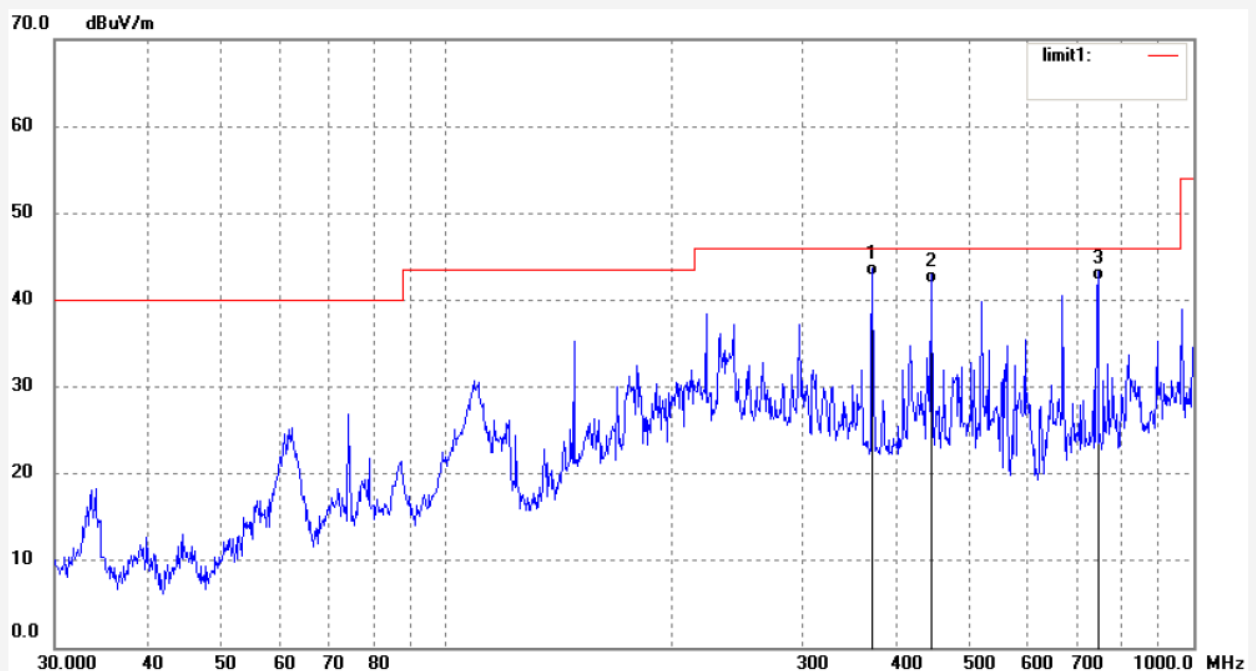
Date: 13/12/11/

Time: 9/04/18

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	372.0045	58.63	-15.84	42.79	46.00	-3.21	QP			
2	446.4141	56.58	-14.75	41.83	46.00	-4.17	QP			
3	744.8660	50.99	-8.73	42.26	46.00	-3.74	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2870

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: HDMI

Model: Novo10 Hero II

Manufacturer: Ainol

Polarization: Vertical

Power Source: AC 120V/60Hz

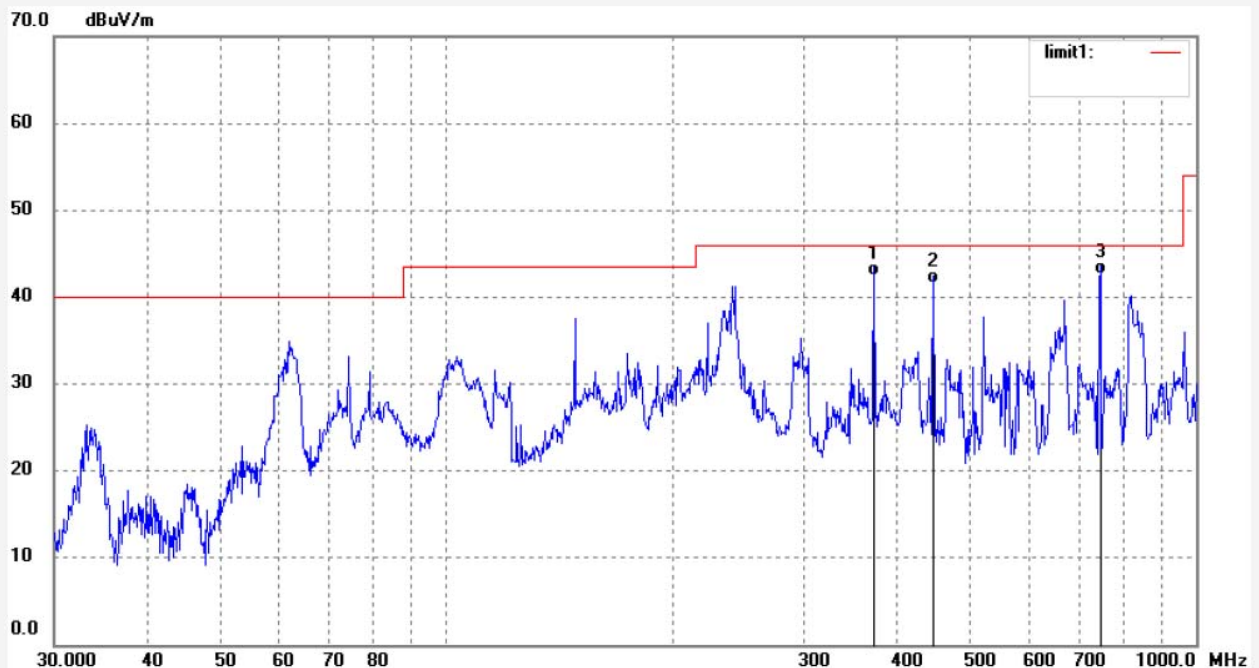
Date: 13/12/11/

Time: 9/03/02

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	372.0045	58.27	-15.84	42.43	46.00	-3.57	QP			
2	446.4141	56.35	-14.75	41.60	46.00	-4.40	QP			
3	744.8660	51.27	-8.73	42.54	46.00	-3.46	QP			

Above 1G



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Fax:+86-0755-26503396

Job No.: alen #2895

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: Video Playing

Model: Novo10 Herol II

Manufacturer: Ainol

Polarization: Horizontal

Power Source: AC 120V/60Hz

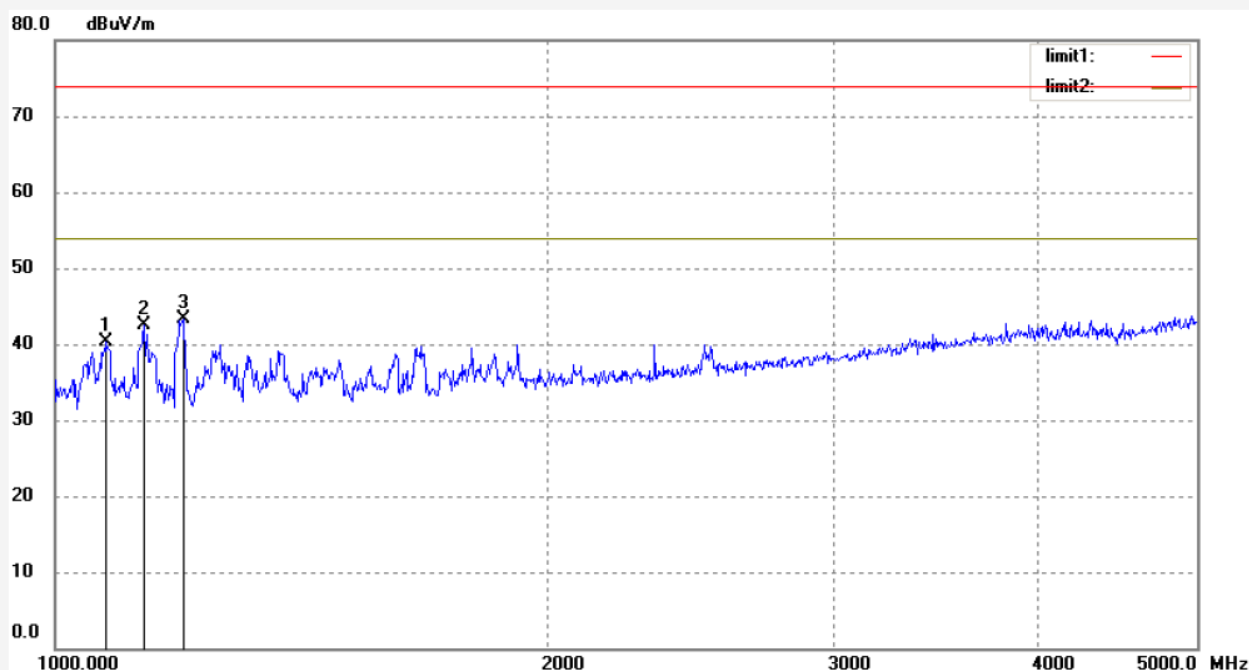
Date: 13/12/11/

Time: 9/48/40

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1075.112	50.86	-10.63	40.23	74.00	-33.77	peak			
2	1133.756	52.93	-10.50	42.43	74.00	-31.57	peak			
3	1197.525	53.63	-10.36	43.27	74.00	-30.73	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2894

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: Video Playing

Model: Novo10 Herol II

Manufacturer: Ainol

Polarization: Vertical

Power Source: AC 120V/60Hz

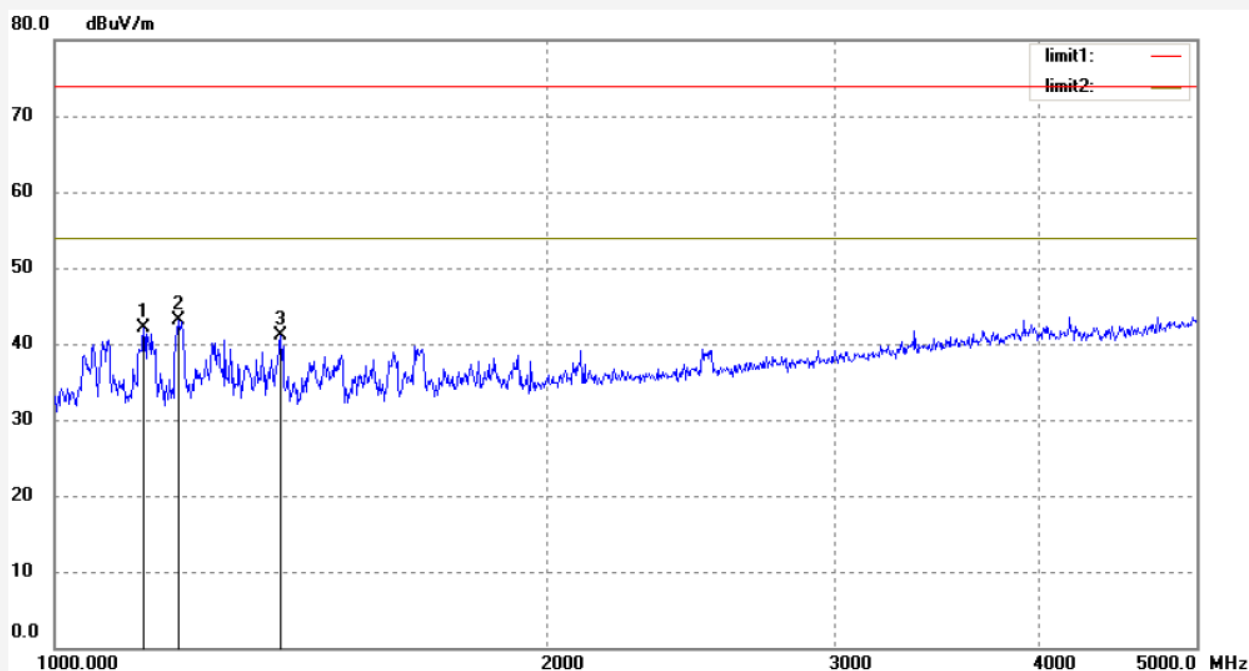
Date: 13/12/11/

Time: 9/47/51

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1133.756	52.55	-10.50	42.05	74.00	-31.95	peak			
2	1189.841	53.42	-10.38	43.04	74.00	-30.96	peak			
3	1375.295	51.07	-9.97	41.10	74.00	-32.90	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2896

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: Camera

Model: Novo10 Herol II

Manufacturer: Ainol

Polarization: Horizontal

Power Source: AC 120V/60Hz

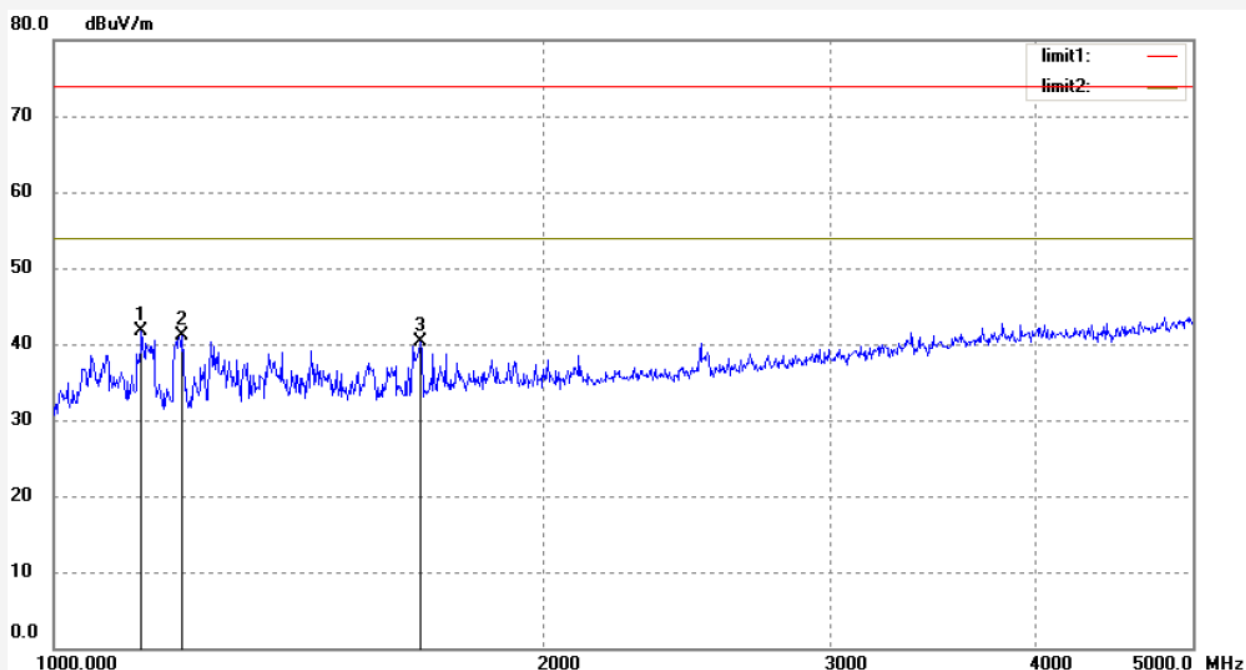
Date: 13/12/11/

Time: 9/50/31

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1131.933	52.17	-10.51	41.66	74.00	-32.34	peak			
2	1199.454	51.54	-10.36	41.18	74.00	-32.82	peak			
3	1679.068	49.35	-9.01	40.34	74.00	-33.66	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2897

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: Camera

Model: Novo10 Herol II

Manufacturer: Ainol

Polarization: Vertical

Power Source: AC 120V/60Hz

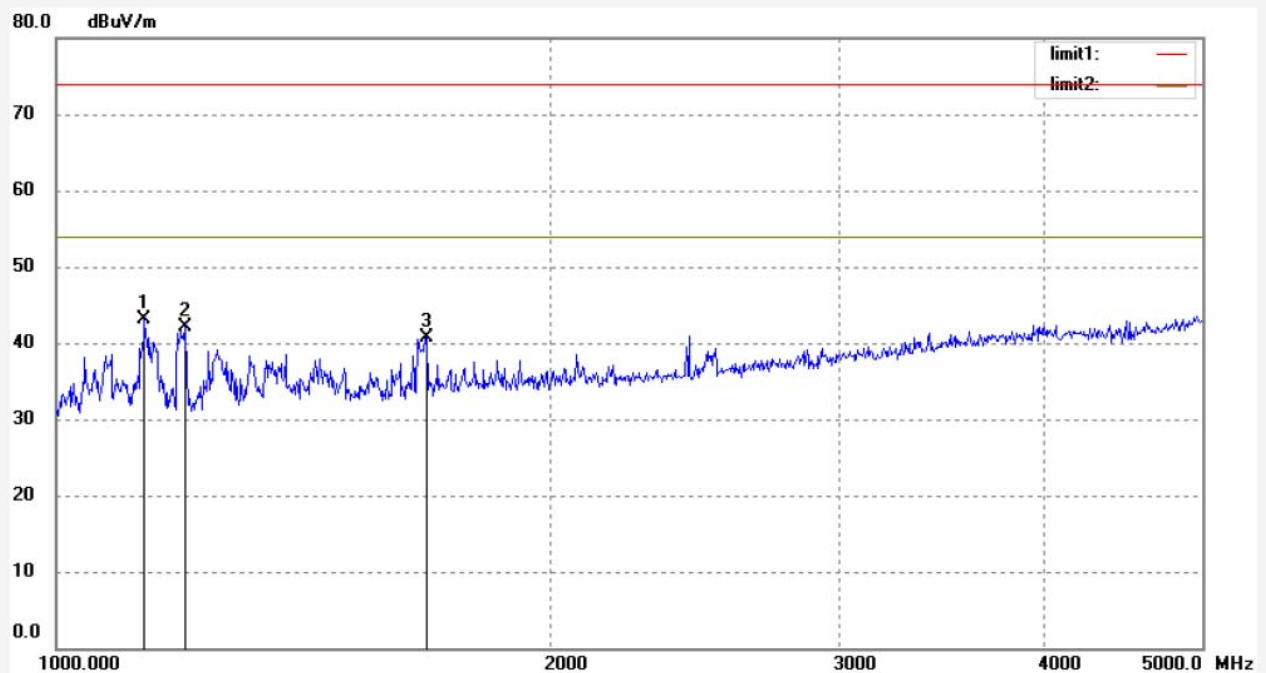
Date: 13/12/11/

Time: 9/51/03

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1131.933	53.64	-10.51	43.13	74.00	-30.87	peak			
2	1197.525	52.49	-10.36	42.13	74.00	-31.87	peak			
3	1681.773	49.69	-9.01	40.68	74.00	-33.32	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

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Job No.: alen #2891

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: Transfer data

Model: Novo10 Herol II

Manufacturer: Ainol

Polarization: Horizontal

Power Source: AC 120V/60Hz

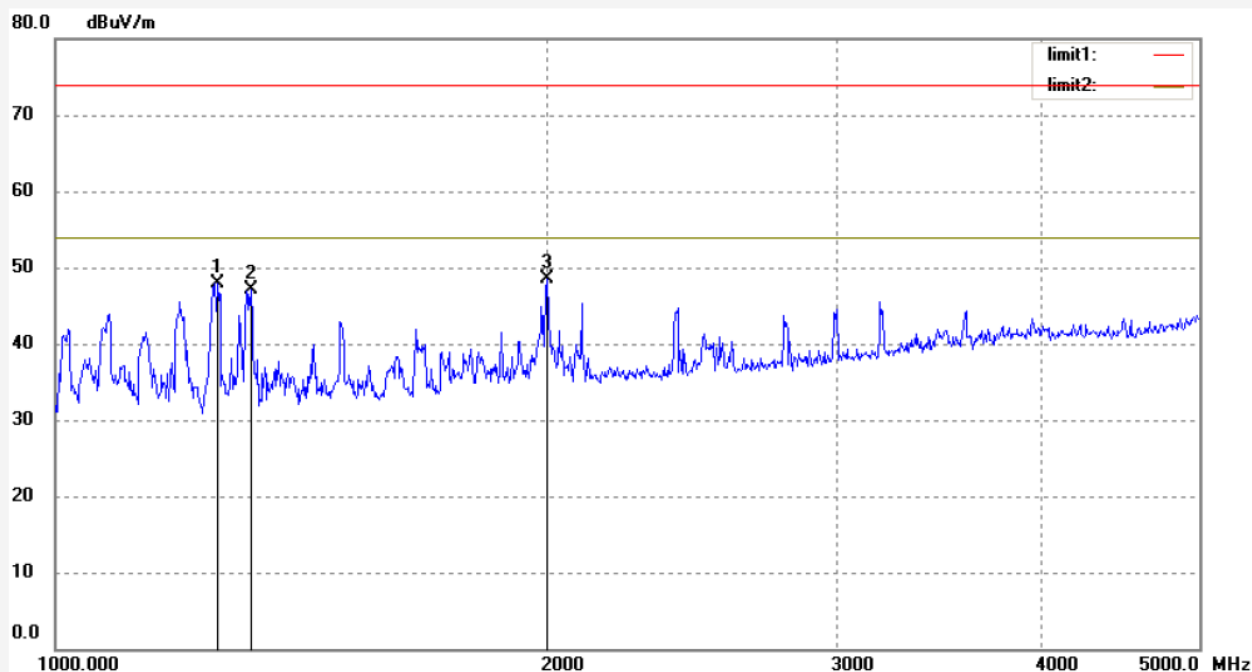
Date: 13/12/11/

Time: 9/43/11

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1256.764	58.13	-10.24	47.89	74.00	-26.11	peak			
2	1316.812	57.18	-10.10	47.08	74.00	-26.92	peak			
3	1997.823	56.22	-7.80	48.42	74.00	-25.58	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

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Job No.: alen #2890

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 HerolI User Manual

Mode: Transfer data

Model: Novo10 Herol II

Manufacturer: Ainol

Polarization: Vertical

Power Source: AC 120V/60Hz

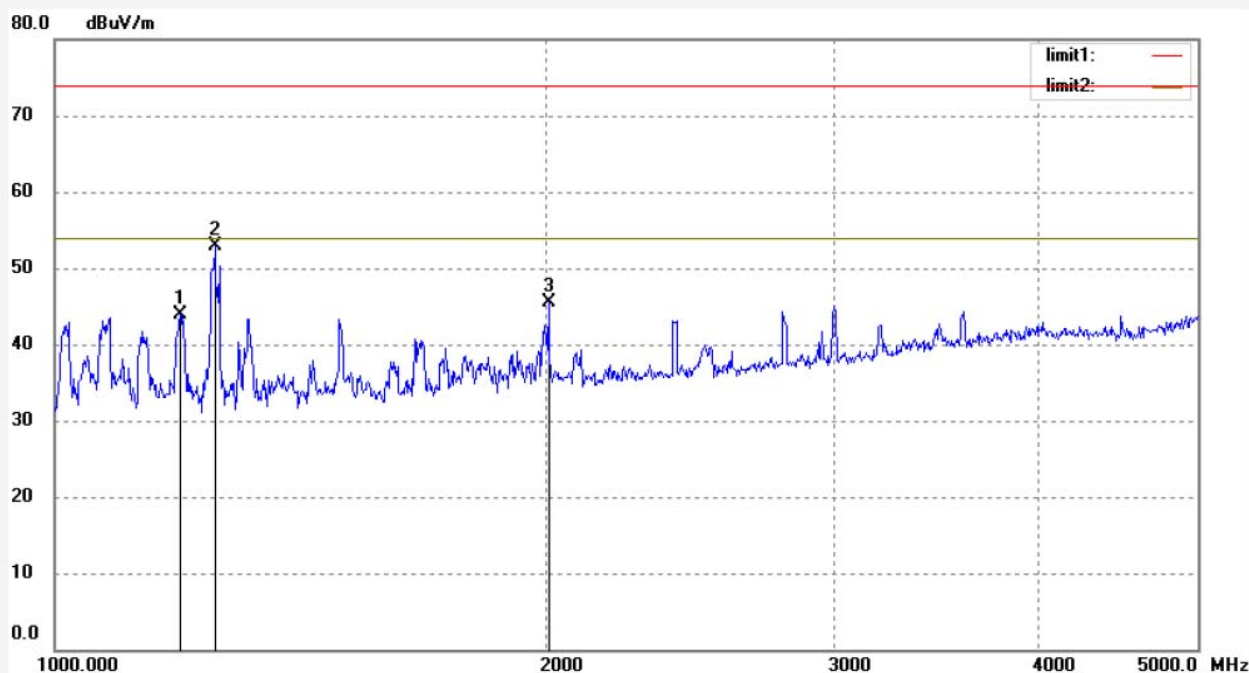
Date: 13/12/11/

Time: 9/42/33

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1193.677	54.23	-10.37	43.86	74.00	-30.14	peak			
2	1252.725	63.22	-10.24	52.98	74.00	-21.02	peak			
3	2004.264	53.36	-7.79	45.57	74.00	-28.43	peak			



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Site: 1# Chamber

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Job No.: alen #2892

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: HDMI

Model: Novo10 Hero II

Manufacturer: Ainol

Polarization: Horizontal

Power Source: AC 120V/60Hz

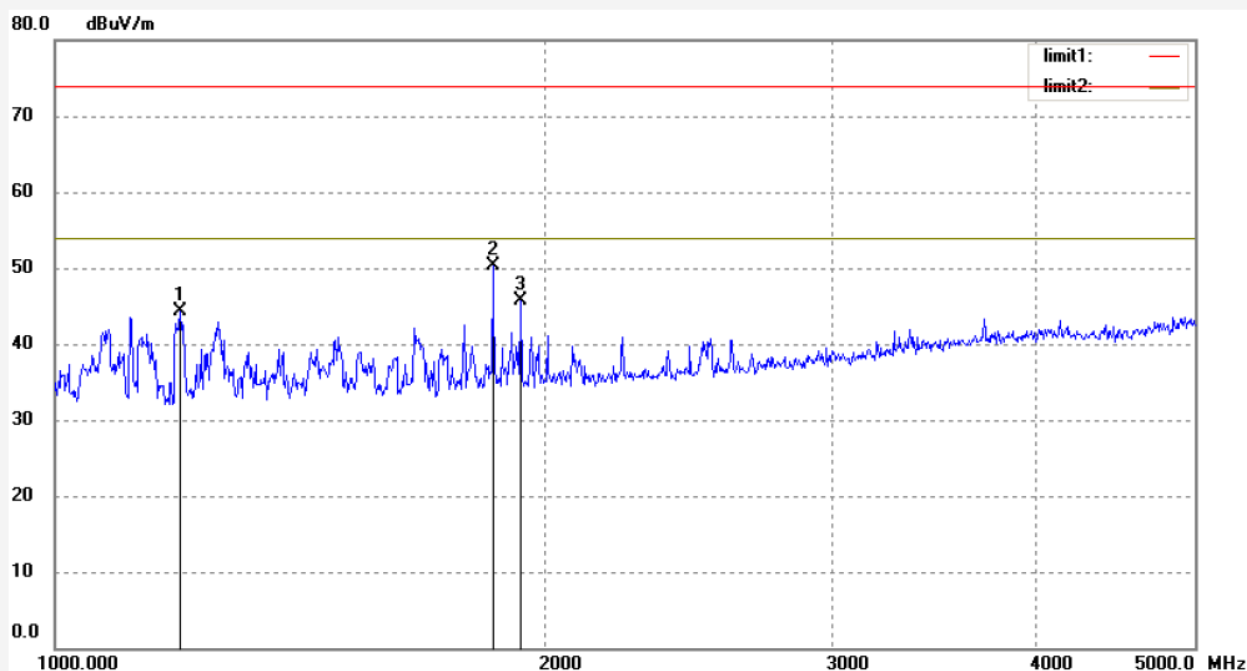
Date: 13/12/11/

Time: 9/45/18

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1193.677	54.61	-10.37	44.24	74.00	-29.76	peak			
2	1855.259	58.68	-8.35	50.33	74.00	-23.67	peak			
3	1931.429	53.80	-8.06	45.74	74.00	-28.26	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2893

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Novo10 Hero II User Manual

Mode: HDMI

Model: Novo10 Hero II

Manufacturer: Ainol

Polarization: Vertical

Power Source: AC 120V/60Hz

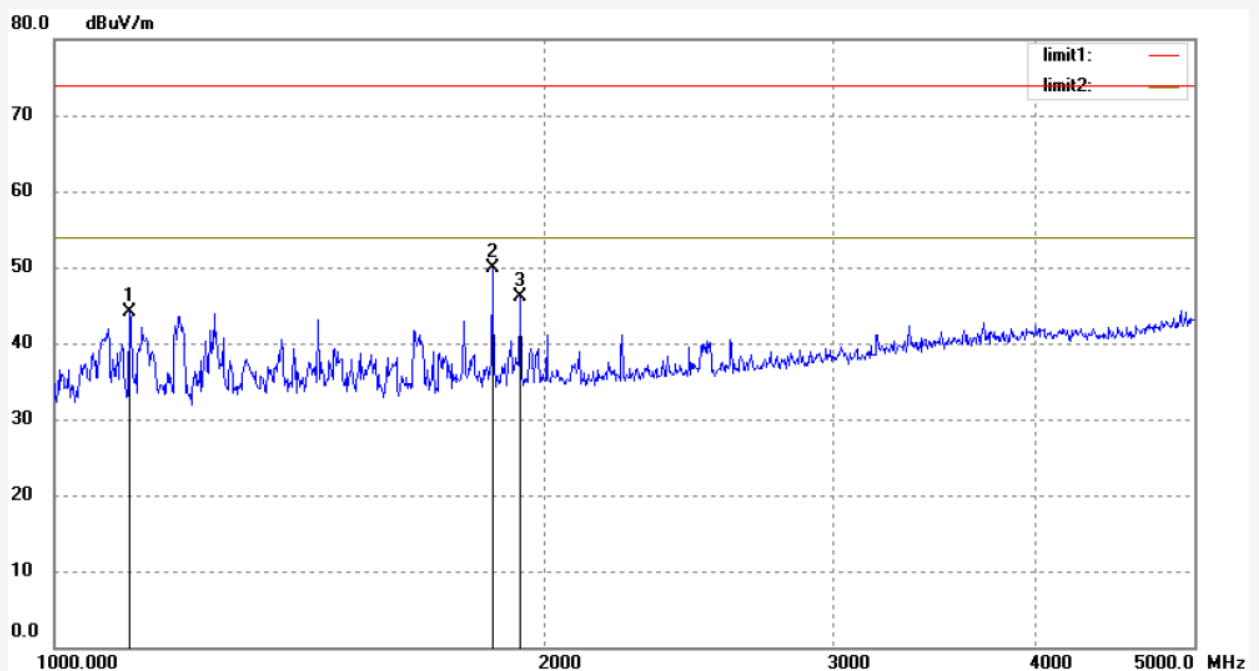
Date: 13/12/11/

Time: 9/45/58

Engineer Signature:

Distance: 3m

Note: Report No:ATE20132548

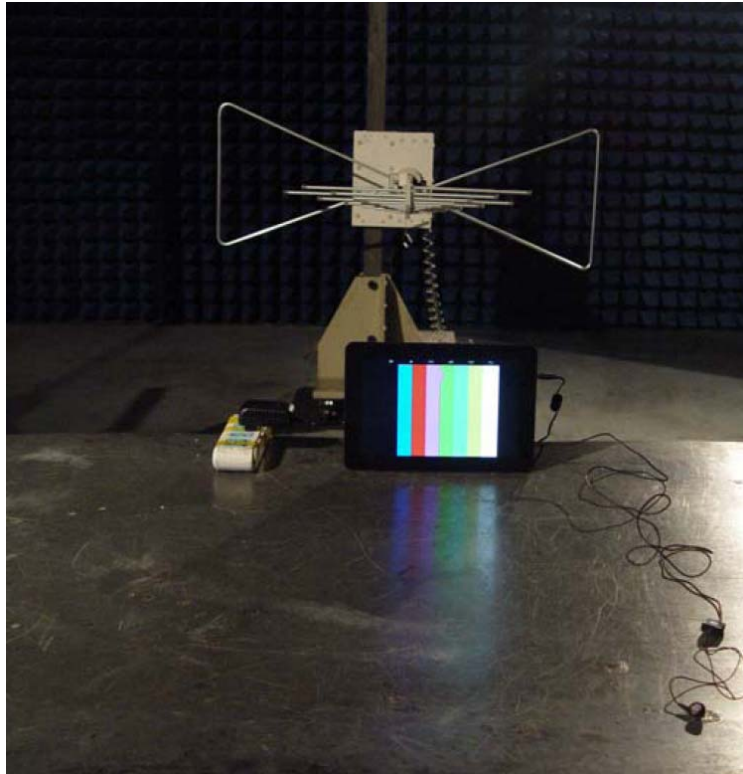


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1112.070	54.66	-10.56	44.10	74.00	-29.90	peak			
2	1855.259	58.26	-8.35	49.91	74.00	-24.09	peak			
3	1931.429	54.17	-8.06	46.11	74.00	-27.89	peak			

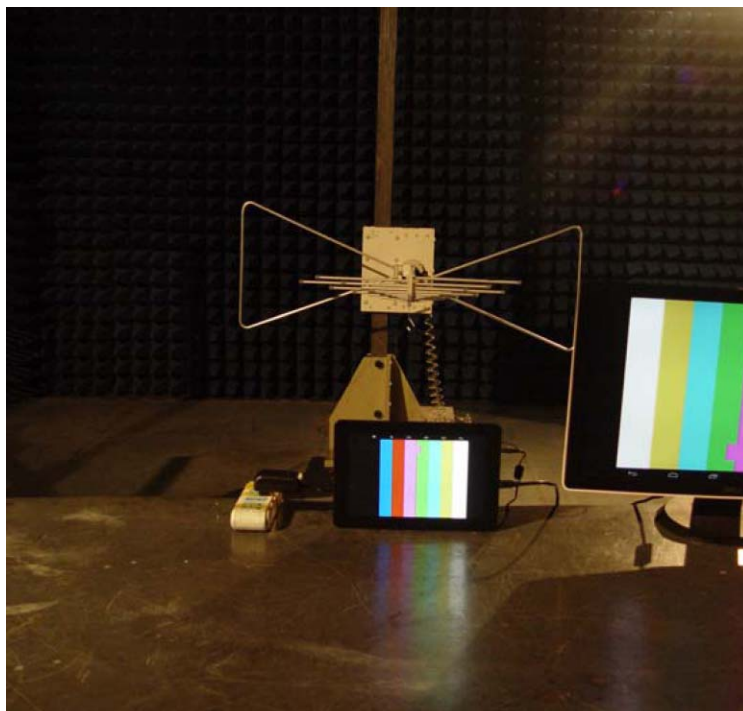
5. PHOTOGRAPHS

5.1.Photos of Radiated Measurement

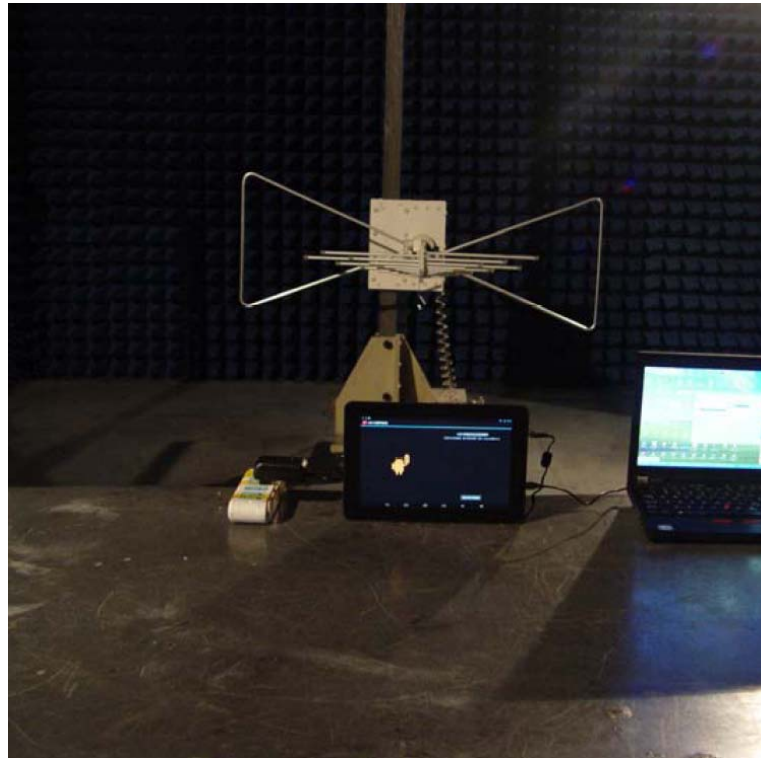
Playing mode(below 1GHz)



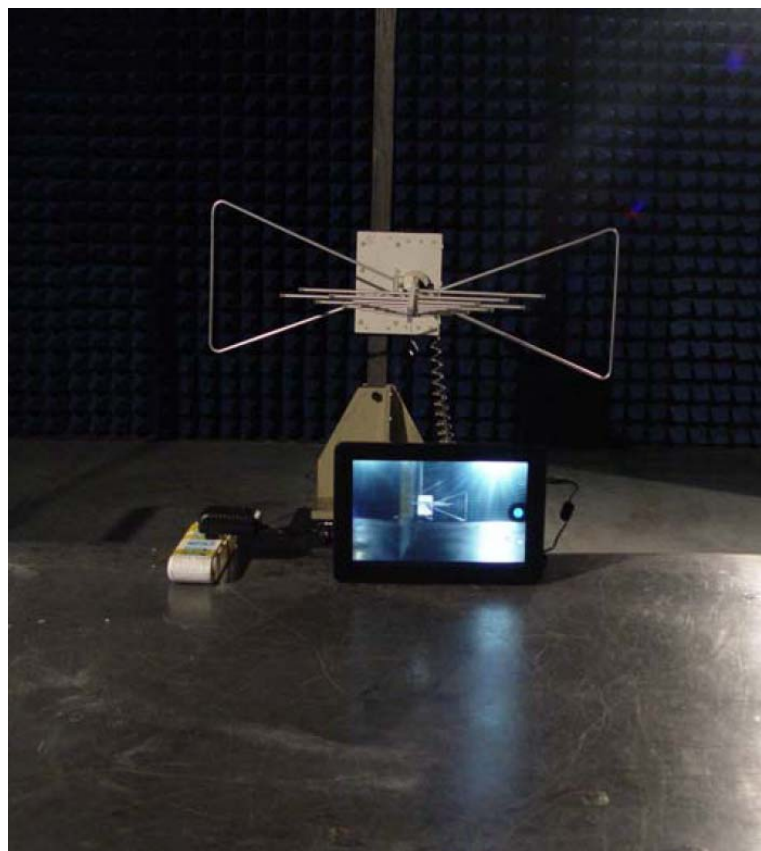
HDMI mode(below 1GHz)



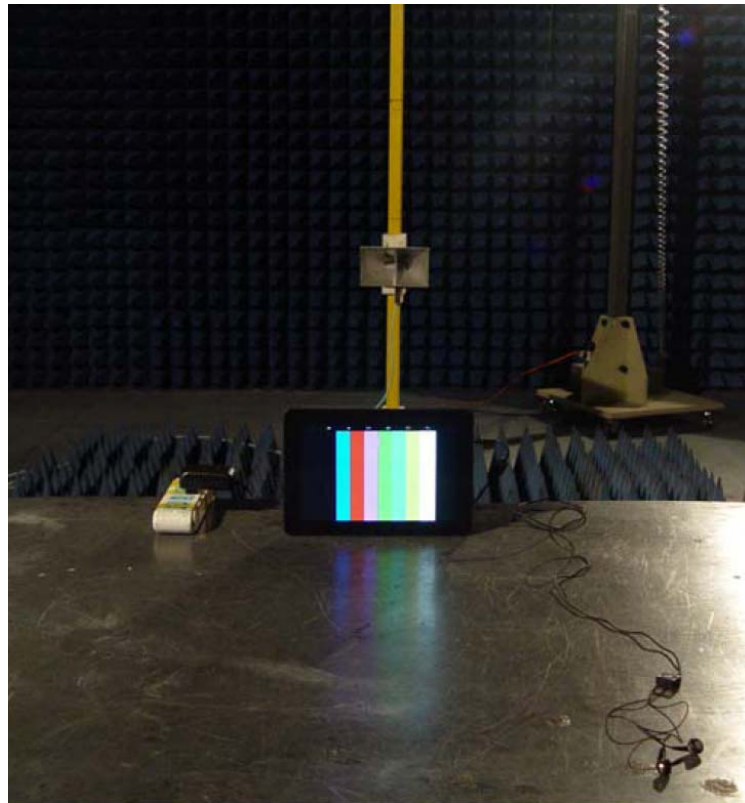
Transfer data mode(below 1GHz)



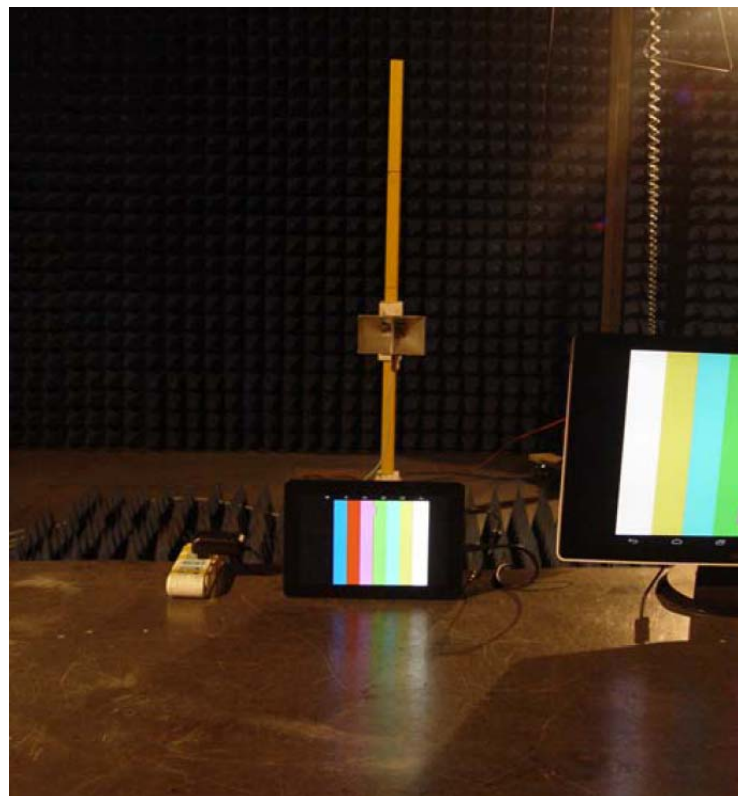
Camera mode(below 1GHz)



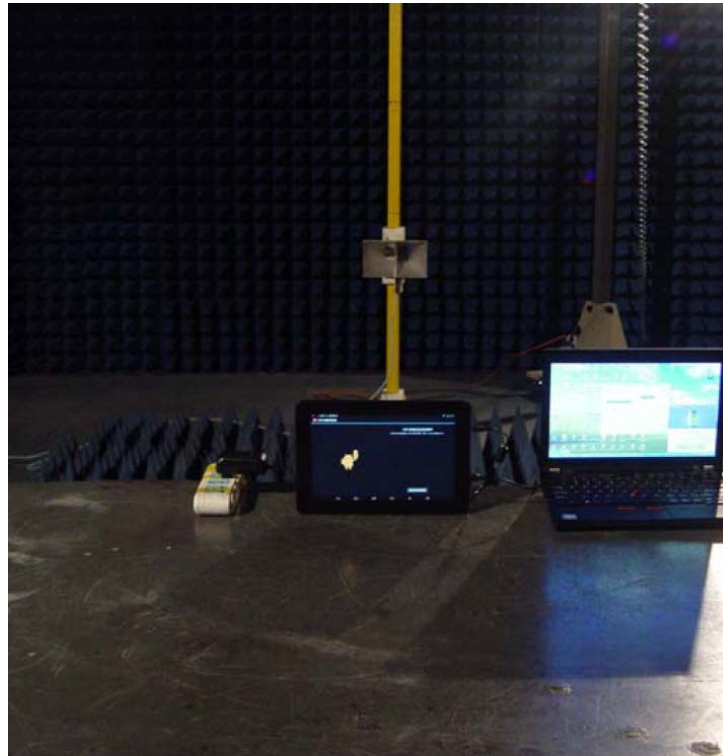
Playing mode(above 1GHz)



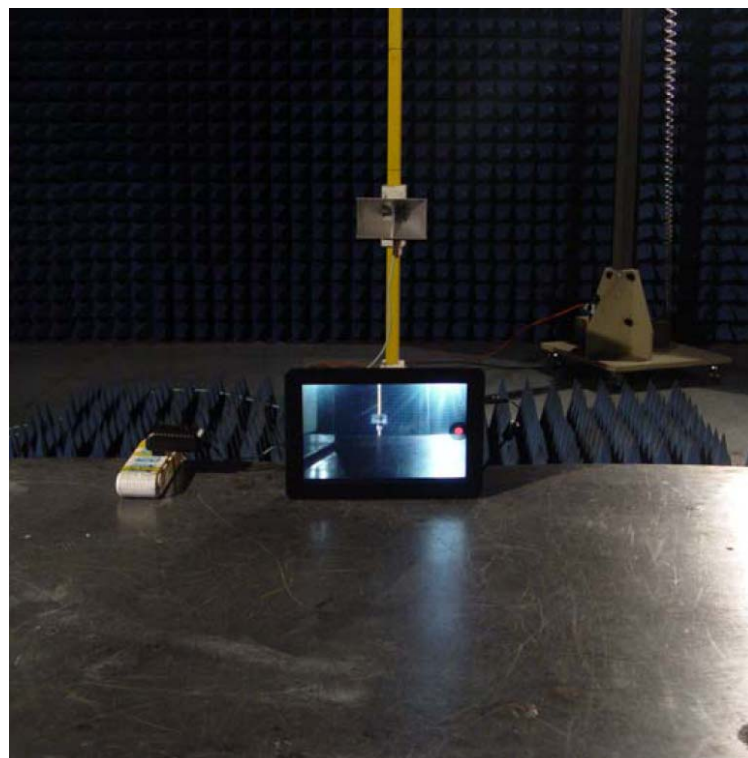
HDMI mode(above 1GHz)



Transfer data mode(above 1GHz)

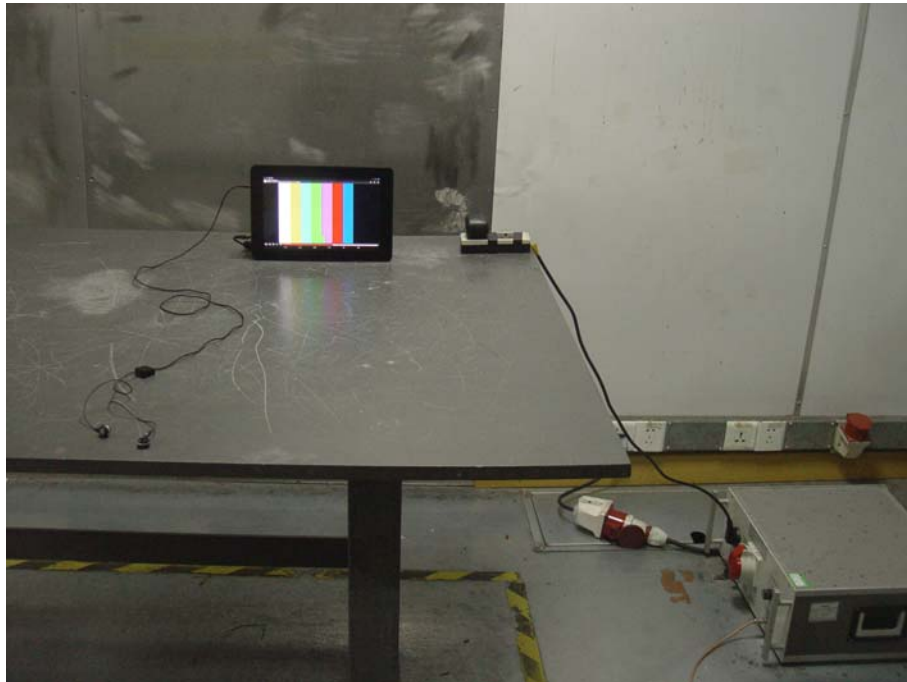


Camera mode(above 1GHz)



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

Playing mode



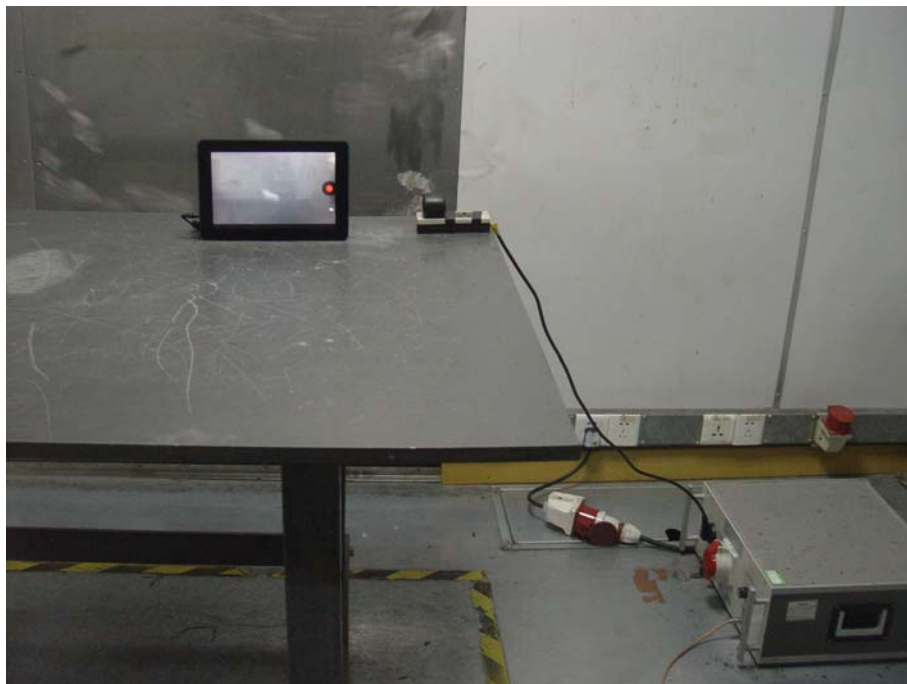
HDMI mode



Transfer data mode



Camera mode



5.3.Photos of EUT





