

APPLICATION CERTIFICATION FCC Part 15B
On Behalf of
Shenzhen Vido Digital Electronics Co., Ltd.

TABLET
Model No.: N12, N70, N80, N90, N101

FCC ID: QX3-N12

Prepared for : Shenzhen Vido Digital Electronics Co., Ltd.
Address : B1 Building, Lianhe Industrial Area, Emerson Road,
Fuyong, Bao'an District, Shenzhen, China

Prepared by : ACCURATE TECHNOLOGY CO. LTD
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Report Number : ATE20122456
Date of Test : October 24-November 7, 2012
Date of Report : November 7, 2012

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Test Report Certification

Applicant : Shenzhen Vido Digital Electronics Co., Ltd.

Manufacturer : Shenzhen Vido Digital Electronics Co., Ltd.

EUT Description : TABLET

(A) MODEL NO.: N12, N70, N80, N90, N101

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 3.7V (Li-polymer battery) & AC 120V/60Hz
(Adapter input)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart 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 limits. 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 : October 24-November 7, 2012

Prepared by :



(Apple Lv, Engineer)

Approved & Authorized Signer :



(Sean Liu, Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	:	TABLET
Model Number	:	N12, N70, N80, N90, N101 (Note: These samples are same except for the appearance is difference. So we prepare the N12 for FCC test.)
Power Supply	:	DC 3.7V (Li-polymer battery) & AC 120V/60Hz (Adapter input)
Adapter	:	Model number: SMS-01050200-S04US Input: AC 100-240V; 50/60Hz 0.3A Max. Output: DC 5V/2.0A
Highest operation frequency of the EUT:	:	1GHz
Applicant	:	Shenzhen Vido Digital Electronics Co., Ltd.
Address	:	B1 Building, Lianhe Industrial Area, Emerson Road, Fuyong, Bao'an District, Shenzhen, China
Manufacturer	:	Shenzhen Vido Digital Electronics Co., Ltd.
Address	:	B1 Building, Lianhe Industrial Area, Emerson Road, Fuyong, Bao'an District, Shenzhen, China
Date of sample received	:	October 24, 2012
Date of Test	:	October 24-November 7, 2012

1.2. Accessory and Auxiliary Equipment

Notebook PC : Manufacturer: SONY
M/N: PCG-663P
S/N: 28123170 7202526

Printer : Manufacturer: Canon
Model No.: BJC-1000SP

1.3. Description of Test Facility

EMC Lab : Accredited by TUV Rheinland Shenzhen

Listed by FCC
The Registration Number is 752051

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

1.4. Measurement Uncertainty

Conducted Emission Expanded Uncertainty = 2.23dB, k=2

Radiated emission expanded uncertainty = 3.08dB, k=2
(9kHz-30MHz)

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

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

2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated date	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 8, 2012	Jan. 7, 2013
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 8, 2012	Jan. 7, 2013
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 8, 2012	Jan. 7, 2013
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 8, 2012	Jan. 7, 2013
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 8, 2012	Jan. 7, 2013
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 8, 2012	Jan. 7, 2013
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 8, 2012	Jan. 7, 2013
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 8, 2012	Jan. 7, 2013

3. OPERATION OF EUT DURING TESTING

3.1.Operating Mode

The modes are used:

- 1) Running
- 2) Transfer data
- 3) Camera playing

3.2.Configuration and peripherals



(EUT: TABLET)

4. TEST PROCEDURES AND RESULTS

FCC Rules	Description of Test	Result
Section 15.107	Conducted Emission Test	Compliant
Section 15.109	Radiated Emission Test	Compliant

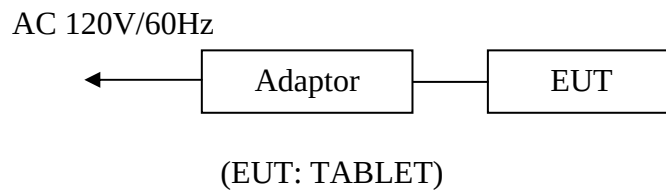
5. CONDUCTED EMISSION FOR FCC PART 15 SECTION

15.107(A)

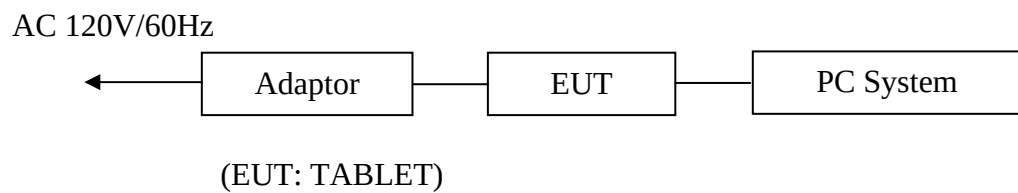
5.1. Block Diagram of Test Setup

5.1.1. Block diagram of connection between the EUT and simulators

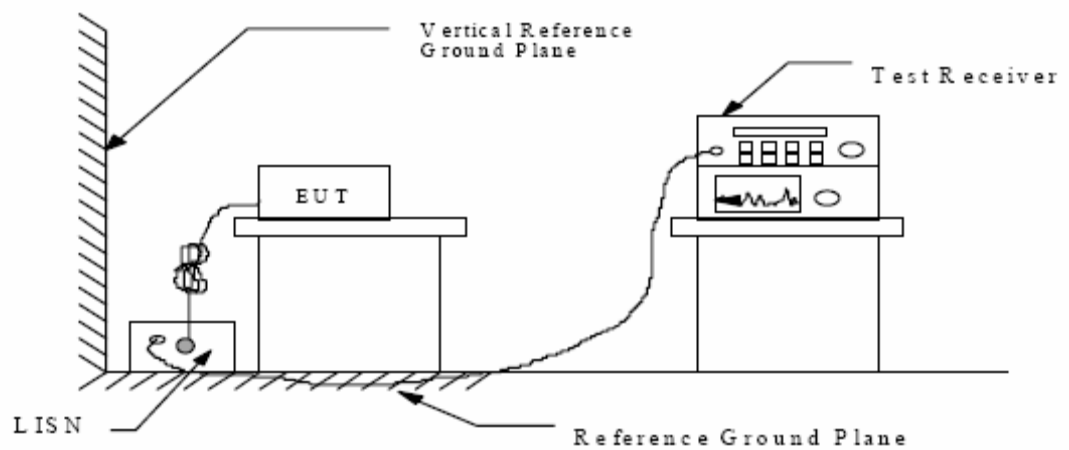
5.1.1.1. For Running & Camera playing



5.1.1.2. For Transfer data



5.1.2. Shielding Room Test Setup Diagram



(EUT: TABLET)

5.2.The Emission Limit

5.2.1.Conducted Emission Measurement Limits According to Section 15.107(a)

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

* Decreases with the logarithm of the frequency.

5.3.Configuration of EUT on Measurement

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

5.3.1.TABLET (EUT)

Model Number : N12
 Serial Number : N/A
 Manufacturer : Shenzhen Vido Digital Electronics Co., Ltd.

5.4.Operating Condition of EUT

5.4.1.Setup the EUT and simulator as shown as Section 5.1.

5.4.2.Turn on the power of all equipment.

5.4.3.Let the EUT work in modes (Running, Transfer data, Camera playing) and measure it.

5.5.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.

5.6. Power Line Conducted Emission Measurement Results

PASS.

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

Date of Test:	October 28, 2012	Temperature:	25°C
EUT:	TABLET	Humidity:	50%
Model No.:	N12	Power Supply:	AC 120V/60Hz
Test Mode:	Running	Test Engineer:	PEI

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.203980	48.60	11.3	63	14.8	QP	N	GND
0.275179	45.90	11.5	61	15.1	QP	N	GND
0.344115	41.70	11.7	59	17.4	QP	N	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.168410	39.20	11.1	55	15.8	AV	N	GND
0.205615	40.50	11.3	53	12.9	AV	N	GND
0.275179	36.80	11.5	51	14.2	AV	N	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.210599	54.80	11.3	63	8.4	QP	L1	GND
0.279609	46.00	11.5	61	14.8	QP	L1	GND
0.349654	44.60	11.7	59	14.4	QP	L1	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.172493	37.70	11.1	55	17.1	AV	L1	GND
0.211442	41.00	11.3	53	12.1	AV	L1	GND
0.280727	33.10	11.5	51	17.7	AV	L1	GND

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	October 28, 2012	Temperature:	25°C
EUT:	TABLET	Humidity:	50%
Model No.:	N12	Power Supply:	AC 120V/60Hz
Test Mode:	Transfer data	Test Engineer:	PEI

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.159256	50.50	11.0	66	15.0	QP	N	GND
0.285246	43.10	11.5	61	17.6	QP	N	GND
0.318980	39.60	11.6	60	20.1	QP	N	GND
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.221817	40.20	11.3	53	12.6	AV	N	GND
0.286387	41.30	11.5	51	9.3	AV	N	GND
0.318980	37.20	11.6	50	12.5	AV	N	GND
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.163769	51.40	11.1	65	13.9	QP	L1	GND
0.194439	48.60	11.2	64	15.2	QP	L1	GND
0.224490	43.20	11.3	63	19.5	QP	L1	GND
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.161820	40.30	11.1	55	15.1	AV	L1	GND
0.194439	39.30	11.2	54	14.5	AV	L1	GND
0.290996	33.80	11.6	51	16.7	AV	L1	GND

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	October 28, 2012	Temperature:	25°C
EUT:	TABLET	Humidity:	50%
Model No.:	N12	Power Supply:	AC 120V/60Hz
Test Mode:	Camera playing	Test Engineer:	PEI

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.218303	51.60	11.3	63	11.3	QP	L1	GND
0.284109	47.10	11.5	61	13.6	QP	L1	GND
0.356703	45.60	11.7	59	13.2	QP	L1	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.171121	38.00	11.1	55	16.9	AV	L1	GND
0.211442	41.00	11.3	53	12.1	AV	L1	GND
0.282977	33.70	11.5	51	17.0	AV	L1	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.213137	55.70	11.3	63	7.4	QP	N	GND
0.284109	47.80	11.5	61	12.9	QP	N	GND
0.352457	45.90	11.7	59	13.0	QP	N	GND
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.171806	38.80	11.1	55	16.1	AV	N	GND
0.209760	39.40	11.3	53	13.8	AV	N	GND
0.271903	36.90	11.5	51	14.2	AV	N	GND

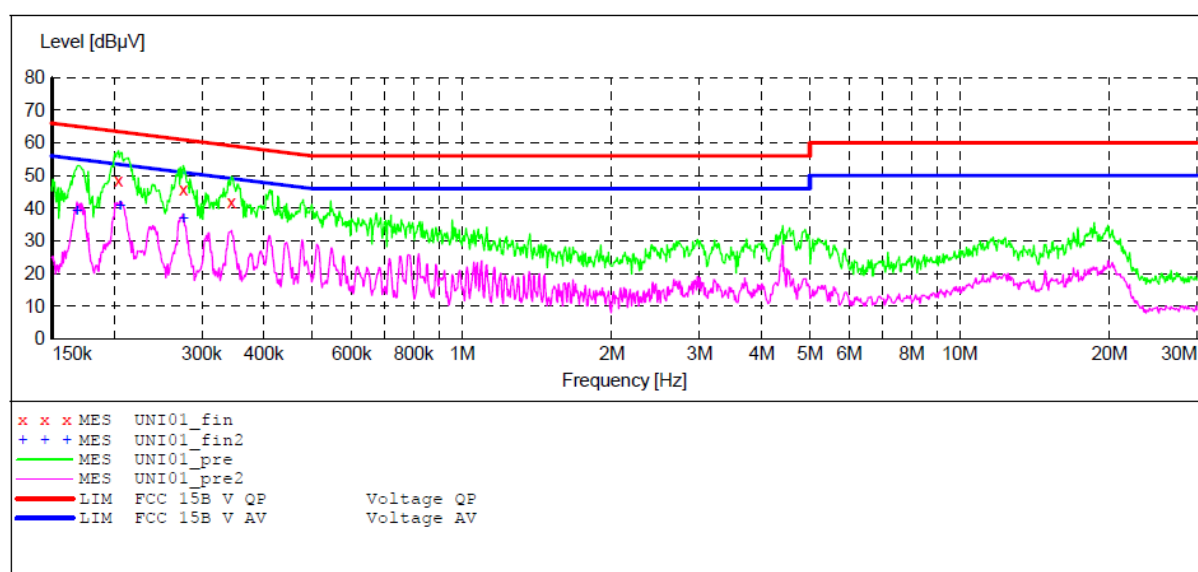
Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

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

EUT: TABLET M/N:N12
 Manufacturer: Vido Digital
 Operating Condition: Running
 Test Site: 1#Shielding Room
 Operator: Star
 Test Specification: N 120V/60Hz
 Comment: Report No:ATE20122456
 Start of Test: 10/28/2012 / 3:45:48PM

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average

**MEASUREMENT RESULT: "UNIO1_fin"**

10/28/2012 3:47PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.203980	48.60	11.3	63	14.8	QP	N	GND
0.275179	45.90	11.5	61	15.1	QP	N	GND
0.344115	41.70	11.7	59	17.4	QP	N	GND

MEASUREMENT RESULT: "UNIO1_fin2"

10/28/2012 3:47PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.168410	39.20	11.1	55	15.8	AV	N	GND
0.205615	40.50	11.3	53	12.9	AV	N	GND
0.275179	36.80	11.5	51	14.2	AV	N	GND

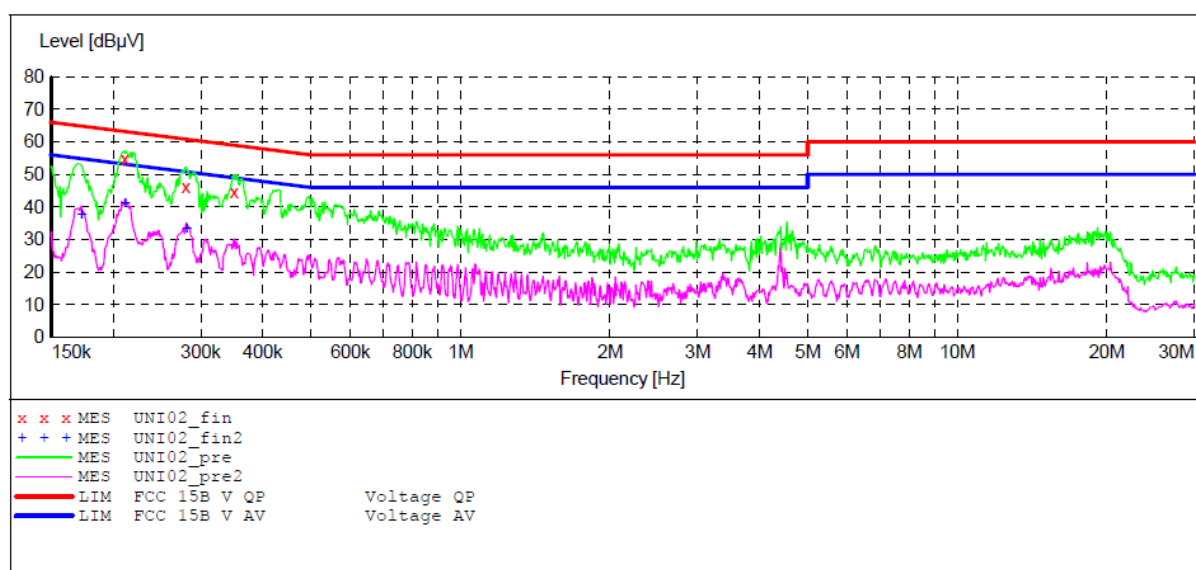
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: TABLET M/N:N12
 Manufacturer: Vido Digital
 Operating Condition: Running
 Test Site: 1#Shielding Room
 Operator: Star
 Test Specification: L 120V/60Hz
 Comment: Report No:ATE20122456
 Start of Test: 10/28/2012 / 3:48:25PM

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "UNIO2_fin"

10/28/2012 3:50PM

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.210599	54.80	11.3	63	8.4	QP	L1	GND
0.279609	46.00	11.5	61	14.8	QP	L1	GND
0.349654	44.60	11.7	59	14.4	QP	L1	GND

MEASUREMENT RESULT: "UNIO2_fin2"

10/28/2012 3:50PM

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.172493	37.70	11.1	55	17.1	AV	L1	GND
0.211442	41.00	11.3	53	12.1	AV	L1	GND
0.280727	33.10	11.5	51	17.7	AV	L1	GND

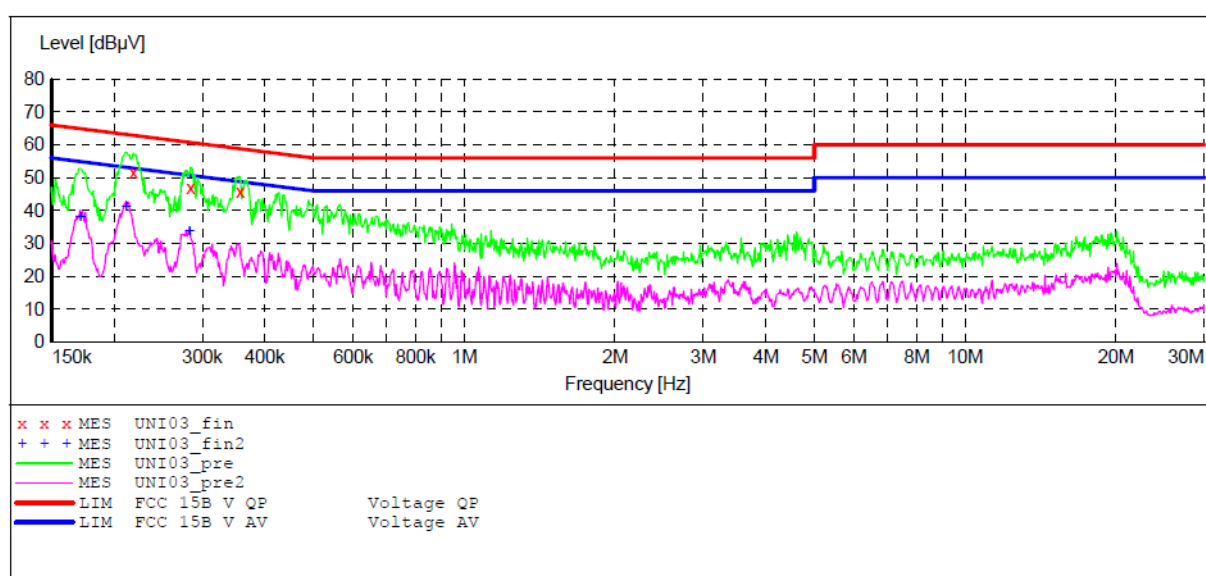
ACCURATE TECHNOLOGY CO., LTD**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: TABLET M/N:N12
 Manufacturer: Vido Digital
 Operating Condition: Camera Playing
 Test Site: 1#Shielding Room
 Operator: Star
 Test Specification: L 120V/60Hz
 Comment: Report No:ATE20122456
 Start of Test: 10/28/2012 / 3:52:01PM

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	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						

**MEASUREMENT RESULT: "UNI03_fin"**

10/28/2012 3:53PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.218303	51.60	11.3	63	11.3	QP	L1	GND
0.284109	47.10	11.5	61	13.6	QP	L1	GND
0.356703	45.60	11.7	59	13.2	QP	L1	GND

MEASUREMENT RESULT: "UNI03_fin2"

10/28/2012 3:53PM

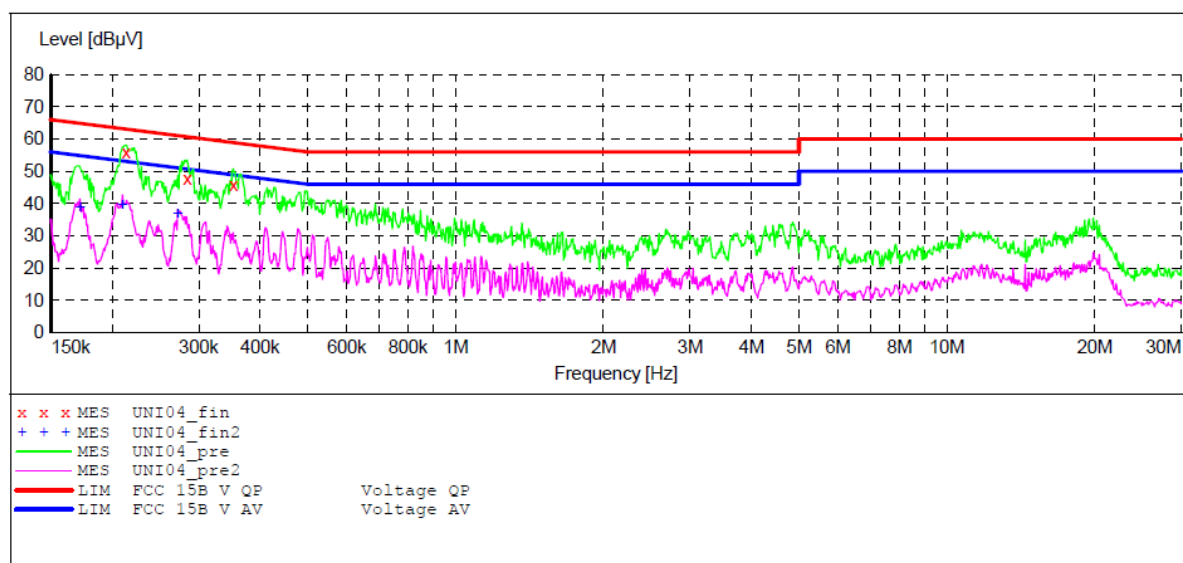
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.171121	38.00	11.1	55	16.9	AV	L1	GND
0.211442	41.00	11.3	53	12.1	AV	L1	GND
0.282977	33.70	11.5	51	17.0	AV	L1	GND

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

EUT: TABLET M/N:N12
 Manufacturer: Vido Digital
 Operating Condition: Camera Playing
 Test Site: 1#Shielding Room
 Operator: Star
 Test Specification: N 120V/60Hz
 Comment: Report No:ATE20122456
 Start of Test: 10/28/2012 / 3:54:25PM

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average

**MEASUREMENT RESULT: "UNIO4_fin"**

10/28/2012 3:56PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.213137	55.70	11.3	63	7.4	QP	N	GND
0.284109	47.80	11.5	61	12.9	QP	N	GND
0.352457	45.90	11.7	59	13.0	QP	N	GND

MEASUREMENT RESULT: "UNIO4_fin2"

10/28/2012 3:56PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.171806	38.80	11.1	55	16.1	AV	N	GND
0.209760	39.40	11.3	53	13.8	AV	N	GND
0.271903	36.90	11.5	51	14.2	AV	N	GND

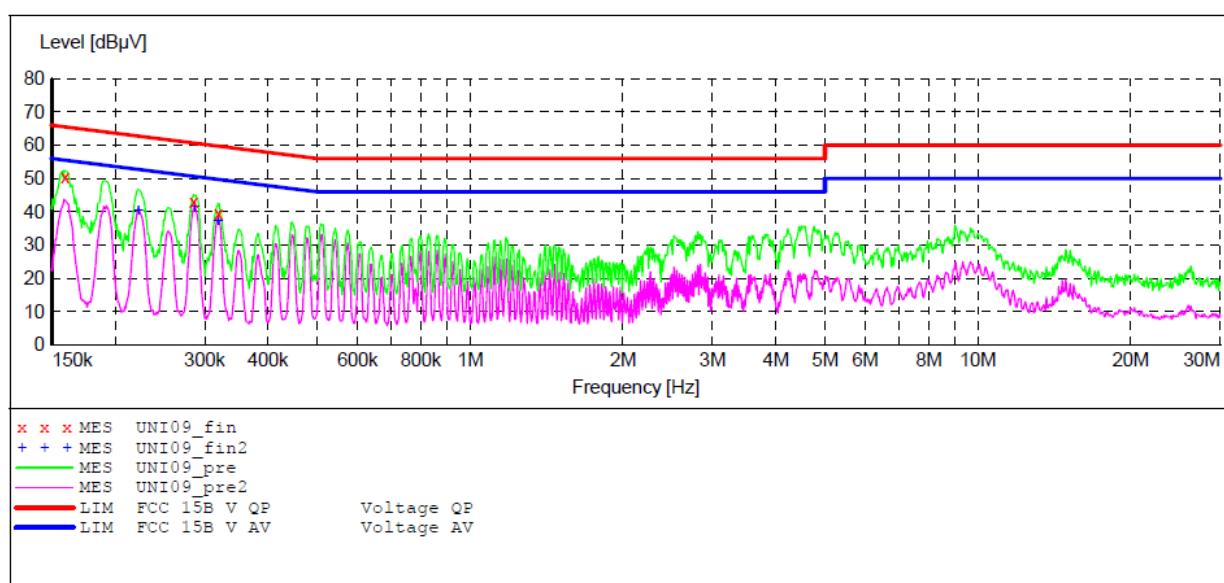
ACCURATE TECHNOLOGY CO.,LTD**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: TABLET M/N:N12
 Manufacturer: Vido Digital
 Operating Condition: Transfer data
 Test Site: 1#Shielding Room
 Operator: Star
 Test Specification: N 120V/60Hz
 Comment: Report No.:ATE20122456
 Start of Test: 10/28/2012 / 4:09:53PM

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	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						

**MEASUREMENT RESULT: "UNI09_fin"**

10/28/2012 4:12PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.159256	50.50	11.0	66	15.0	QP	N	GND
0.285246	43.10	11.5	61	17.6	QP	N	GND
0.318980	39.60	11.6	60	20.1	QP	N	GND

MEASUREMENT RESULT: "UNI09_fin2"

10/28/2012 4:12PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.221817	40.20	11.3	53	12.6	AV	N	GND
0.286387	41.30	11.5	51	9.3	AV	N	GND
0.318980	37.20	11.6	50	12.5	AV	N	GND

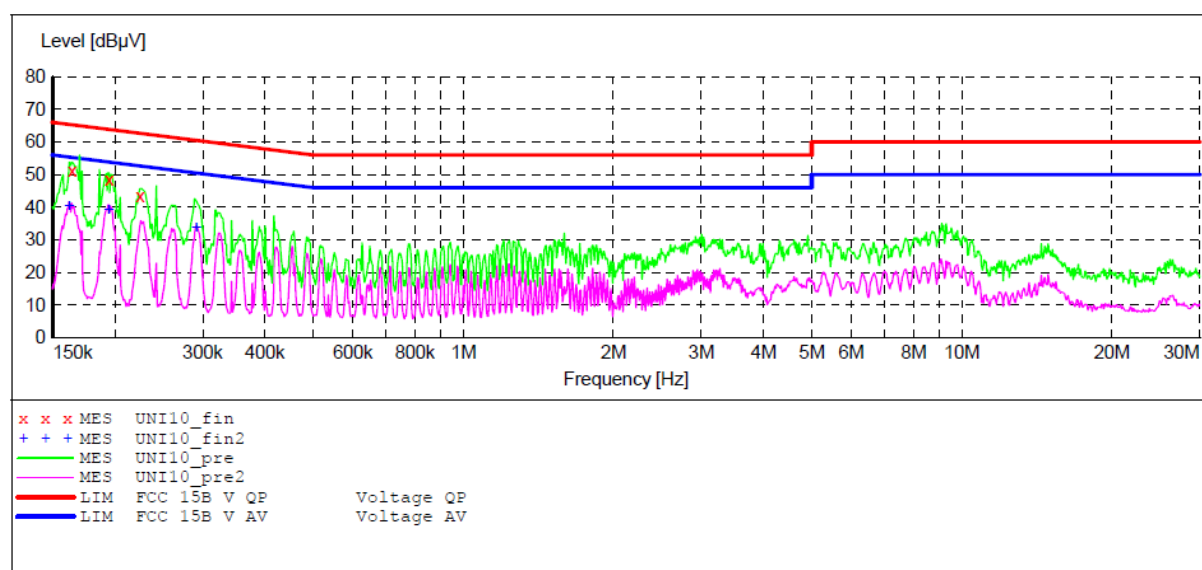
ACCURATE TECHNOLOGY CO., LTD**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: TABLET M/N:N12
 Manufacturer: Vido Digital
 Operating Condition: Transfer data
 Test Site: 1#Shielding Room
 Operator: Star
 Test Specification: L 120V/60Hz
 Comment: Report No.: ATE20122456
 Start of Test: 10/28/2012 / 4:13:08PM

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

Short Description: _SUB_STD_VTERM2 1.70

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						

**MEASUREMENT RESULT: "UNI10_fin"**

10/28/2012 4:15PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.163769	51.40	11.1	65	13.9	QP	L1	GND
0.194439	48.60	11.2	64	15.2	QP	L1	GND
0.224490	43.20	11.3	63	19.5	QP	L1	GND

MEASUREMENT RESULT: "UNI10_fin2"

10/28/2012 4:15PM

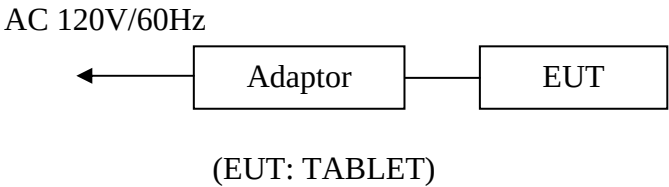
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.161820	40.30	11.1	55	15.1	AV	L1	GND
0.194439	39.30	11.2	54	14.5	AV	L1	GND
0.290996	33.80	11.6	51	16.7	AV	L1	GND

6. RADIATED EMISSION FOR FCC PART 15 SECTION 15.109(A)

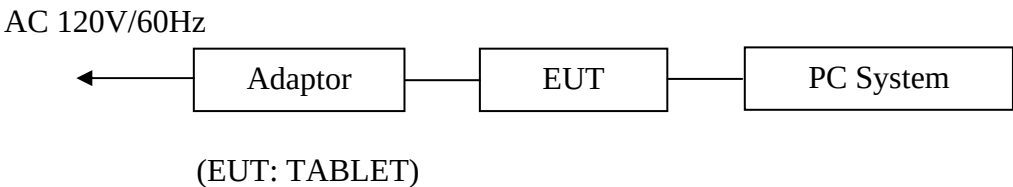
6.1. Block Diagram of Test Setup

6.1.1. Block diagram of connection between the EUT and simulators

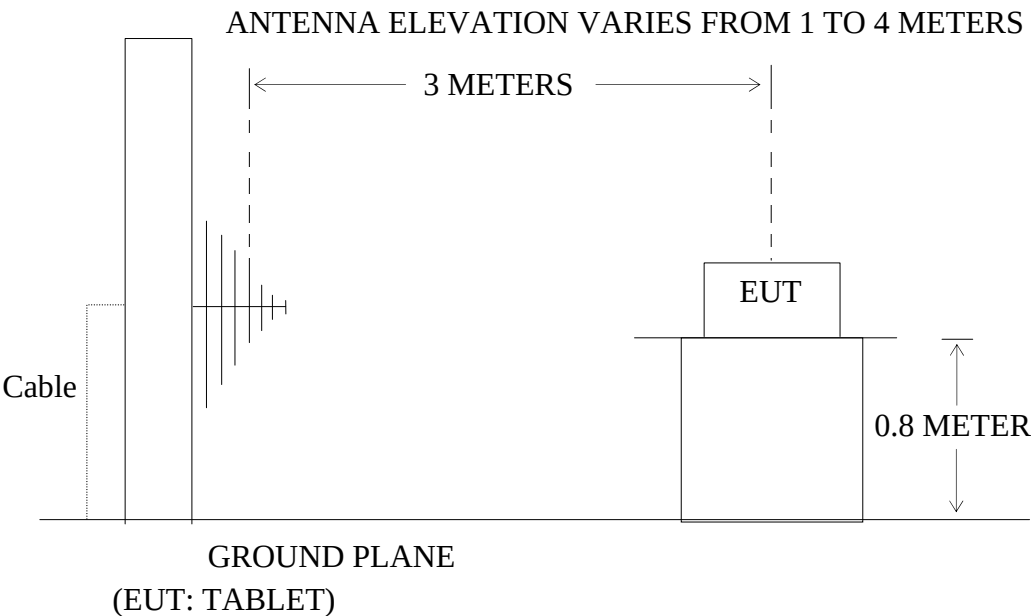
6.1.1.1. For Running & Camera playing



6.1.1.2. For Transfer data



6.1.2. Semi-Anechoic Chamber Test Setup Diagram



6.2.The Emission Limit For Section 15.109 (a)

6.2.1.Radiation Emission Measurement Limits According to Section 15.109 (a).

Frequency (MHz)	Limit	
	Field Strength of Quasi-peak Value (microvolts/m)	Field Strength of Quasi-peak Value (dBμV/m)
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

6.3.EUT Configuration on Measurement

The following equipment are installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

6.3.1.TABLET (EUT)

Model Number : N12
 Serial Number : N/A
 Manufacturer : Shenzhen Vido Digital Electronics Co., Ltd.

6.4.Operating Condition of EUT

6.4.1.Setup the EUT and simulator as shown as Section 6.1.

6.4.2.Turn on the power of all equipment.

6.4.3. Let the EUT work in (Running, Transfer data, Camera playing) mode measure it.

6.5. 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 test receiver is set at 120kHz in 30-1000MHz and 1MHz in above 1000MHz.

The frequency range from 30MHz to 5000MHz is checked.

6.6.The Emission Measurement Result

PASS.

Date of Test:	Nov. 3, 2012	Temperature:	25°C
EUT:	TABLET	Humidity:	50%
Model No.:	N12	Power Supply:	AC 120V/60Hz
Test Mode:	Running	Test Engineer:	PEI

Frequency: 30-1000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	83.1076	23.00	13.14	36.14	40.00	-3.86	QP
	2	176.8953	28.95	13.00	41.95	43.50	-1.55	QP
	3	354.6912	23.61	21.09	44.70	46.00	-1.30	QP
	4	779.2179	16.35	27.83	44.18	46.00	-1.82	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	82.5257	24.08	13.01	37.09	40.00	-2.91	QP
	2	176.8952	29.10	13.00	42.10	43.50	-1.40	QP
	3	468.1650	20.83	23.55	44.38	46.00	-1.62	QP
Frequency: 1000-5000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1961.222	54.33	-9.24	45.09	74.00	-28.91	peak
	2	1961.222	49.63	-9.24	40.39	54.00	-13.61	AVG
	3	2106.042	52.00	-8.44	43.56	74.00	-30.44	peak
	4	2106.042	47.91	-8.44	39.47	54.00	-14.53	AVG
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1970.771	58.04	-9.18	48.86	74.00	-25.14	peak
	2	1970.771	54.93	-9.18	45.75	54.00	-8.25	AVG

Date of Test:	August 22, 2012	Temperature:	25°C
EUT:	TABLET	Humidity:	50%
Model No.:	N12	Power Supply:	AC 120V/60Hz
Test Mode:	Transfer data	Test Engineer:	PEI

Frequency: 30-1000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	159.7586	29.56	12.08	41.64	43.50	-1.86	QP
	2	322.5896	24.82	19.45	44.27	46.00	-1.73	QP
	3	389.9873	22.55	21.88	44.43	46.00	-1.57	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	88.8452	27.92	13.79	41.71	43.50	-1.79	QP
	2	265.9035	26.06	18.59	44.65	46.00	-1.35	QP
	3	887.3978	16.04	28.77	44.81	46.00	-1.19	QP
Frequency: 1000-5000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1006.498	56.99	-12.44	44.55	74.00	-29.45	peak
	2	1006.498	53.22	-12.44	40.78	54.00	-13.22	AVG
	3	2089.061	51.89	-8.56	43.33	74.00	-30.67	peak
	4	2089.061	47.69	-8.56	39.13	54.00	-14.87	AVG
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1659.962	56.97	-10.67	46.30	74.00	-27.70	peak
	2	1659.962	53.22	-10.67	42.55	54.00	-11.45	AVG
	3	1970.771	56.65	-9.18	47.47	74.00	-26.53	peak
	4	1970.771	52.69	-9.18	43.51	54.00	-10.49	AVG

Date of Test:	<u>August 22, 2012</u>	Temperature:	<u>25°C</u>
EUT:	<u>TABLET</u>	Humidity:	<u>50%</u>
Model No.:	<u>N12</u>	Power Supply:	<u>AC 120V/60Hz</u>
Test Mode:	<u>Camera playing</u>	Test Engineer:	<u>PEI</u>

Frequency: 30-1000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	176.8952	28.60	13.00	41.60	43.50	-1.90	QP
	2	247.8594	26.07	17.34	43.41	46.00	-2.59	QP
	3	354.6911	23.22	21.09	44.31	46.00	-1.69	QP
	4	887.3977	15.52	28.77	44.29	46.00	-1.71	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	70.9536	27.80	10.95	38.75	40.00	-1.25	QP
	2	176.8953	28.43	13.00	41.43	43.50	-2.07	QP
	3	322.5896	25.14	19.45	44.59	46.00	-1.41	QP
	4	468.1650	21.36	23.55	44.91	46.00	-1.09	QP
Frequency: 1000-5000MHz								
Polarization								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1983.577	58.37	-9.10	49.27	74.00	-24.73	peak
	2	1983.577	53.28	-9.10	44.18	54.00	-9.82	AVG
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1665.346	58.16	-10.62	47.54	74.00	-26.46	peak
	2	1665.346	53.28	-10.62	42.66	54.00	-11.34	AVG
	3	1942.261	55.83	-9.37	46.46	74.00	-27.54	peak
	4	1942.261	51.98	-9.37	42.61	54.00	-11.39	AVG

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$

3. The spectral diagrams are attached as below display the measurement of peak values.



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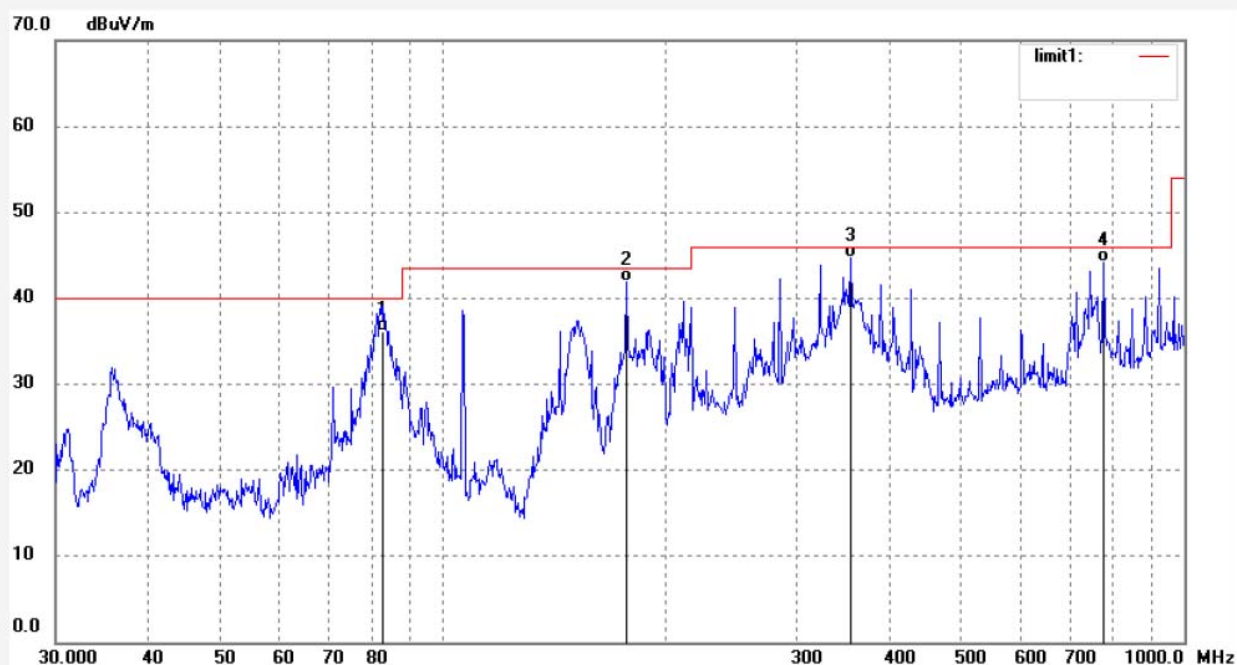
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Star_tmp #317
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: TABLET
Mode: Running
Model: N12
Manufacturer: Vido Digital

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/11/03/
Time: 3/07/06
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122456



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	83.1076	23.00	13.14	36.14	40.00	-3.86	QP			
2	176.8953	28.95	13.00	41.95	43.50	-1.55	QP			
3	354.6912	23.61	21.09	44.70	46.00	-1.30	QP			
4	779.2179	16.35	27.83	44.18	46.00	-1.82	QP			


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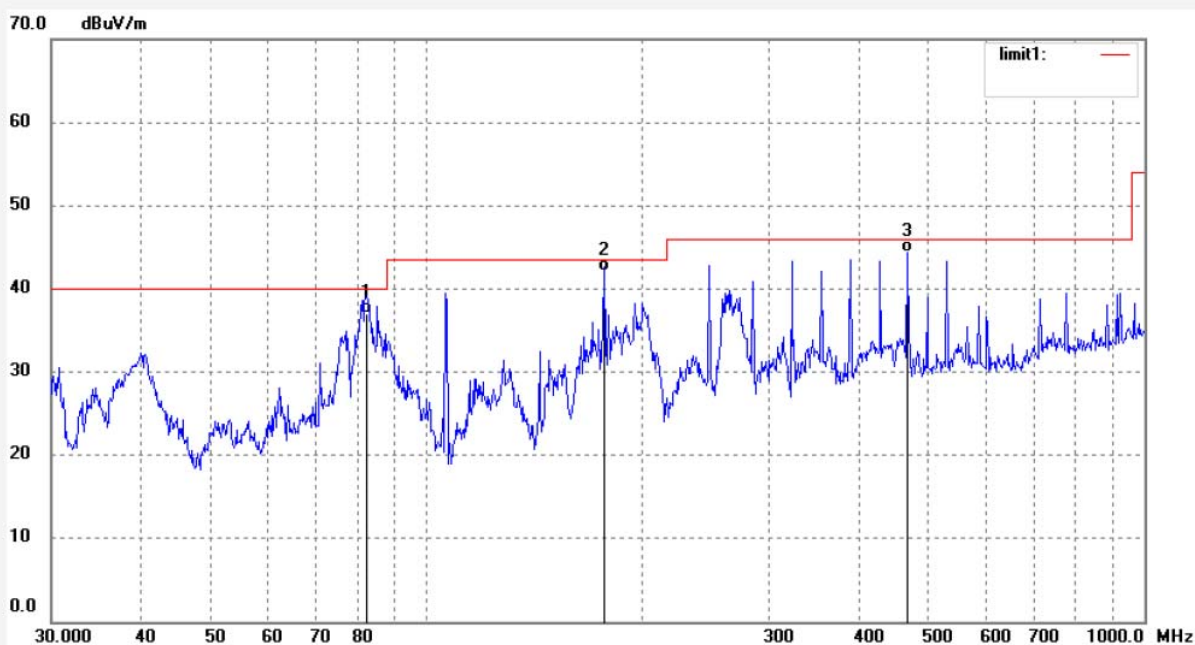
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Star_tmp #316
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: TABLET
Mode: Running
Model: N12
Manufacturer: Vido Digital

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 12/11/03/
Time: 3/05/23
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122456



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	82.5257	24.08	13.01	37.09	40.00	-2.91	QP			
2	176.8952	29.10	13.00	42.10	43.50	-1.40	QP			
3	468.1650	20.83	23.55	44.38	46.00	-1.62	QP			


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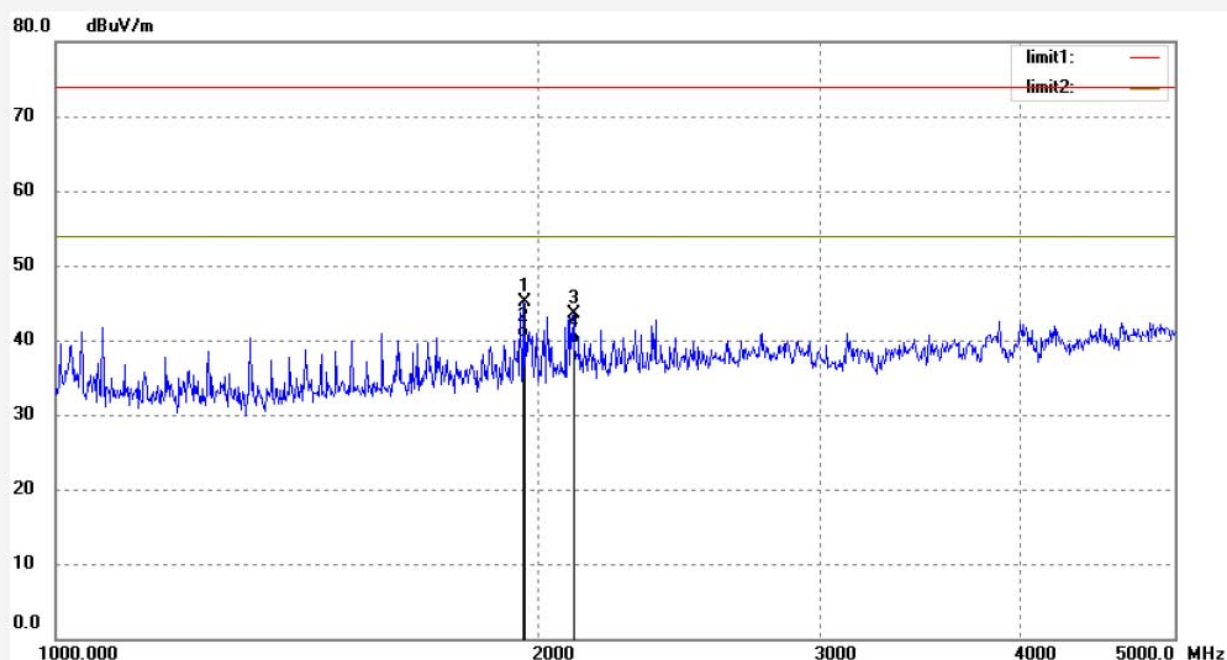
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Star_tmp #328
Standard: FCC PART 15B (PK)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: TABLET
Mode: Running
Model: N12
Manufacturer: Vido Digital

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/11/03/
Time: 3/32/14
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122456



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1961.222	54.33	-9.24	45.09	74.00	-28.91	peak			
2	1961.222	49.63	-9.24	40.39	54.00	-13.61	AVG			
3	2106.042	52.00	-8.44	43.56	74.00	-30.44	peak			
4	2106.042	47.91	-8.44	39.47	54.00	-14.53	AVG			


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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Star_tmp #329

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: TABLET

Mode: Running

Model: N12

Manufacturer: Vido Digital

Polarization: Vertical

Power Source: AC 120V/60Hz

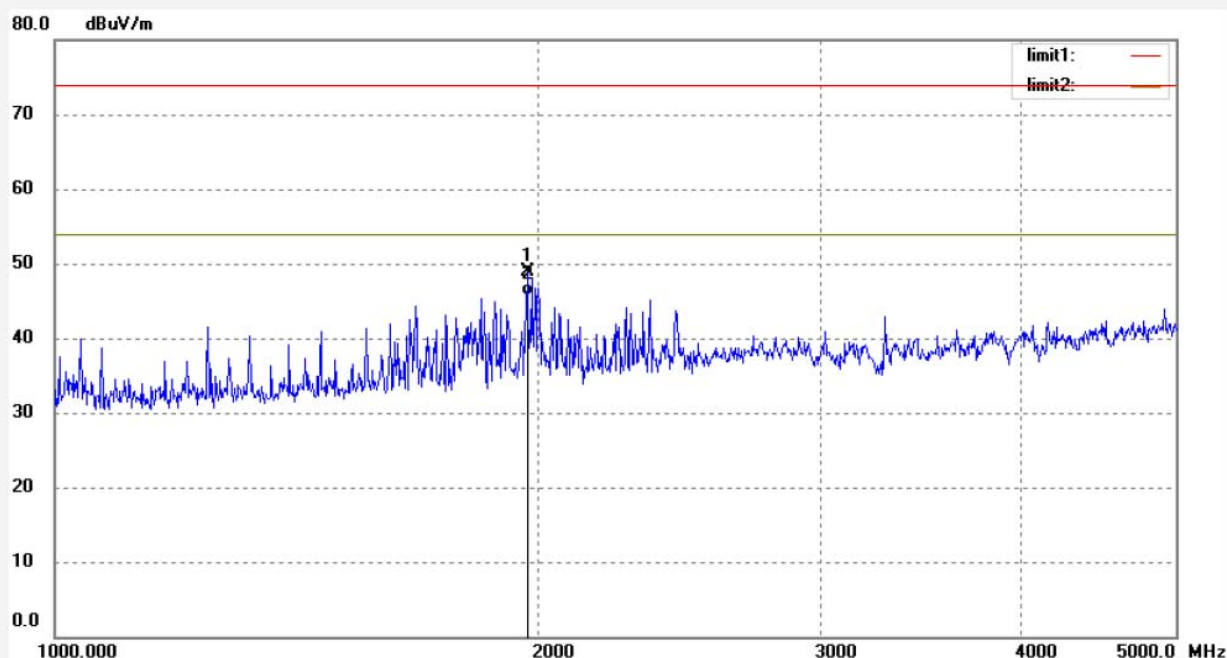
Date: 12/11/03/

Time: 3/33/33

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122456



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1970.771	58.04	-9.18	48.86	74.00	-25.14	peak			
2	1970.771	54.93	-9.18	45.75	54.00	-8.25	AVG			



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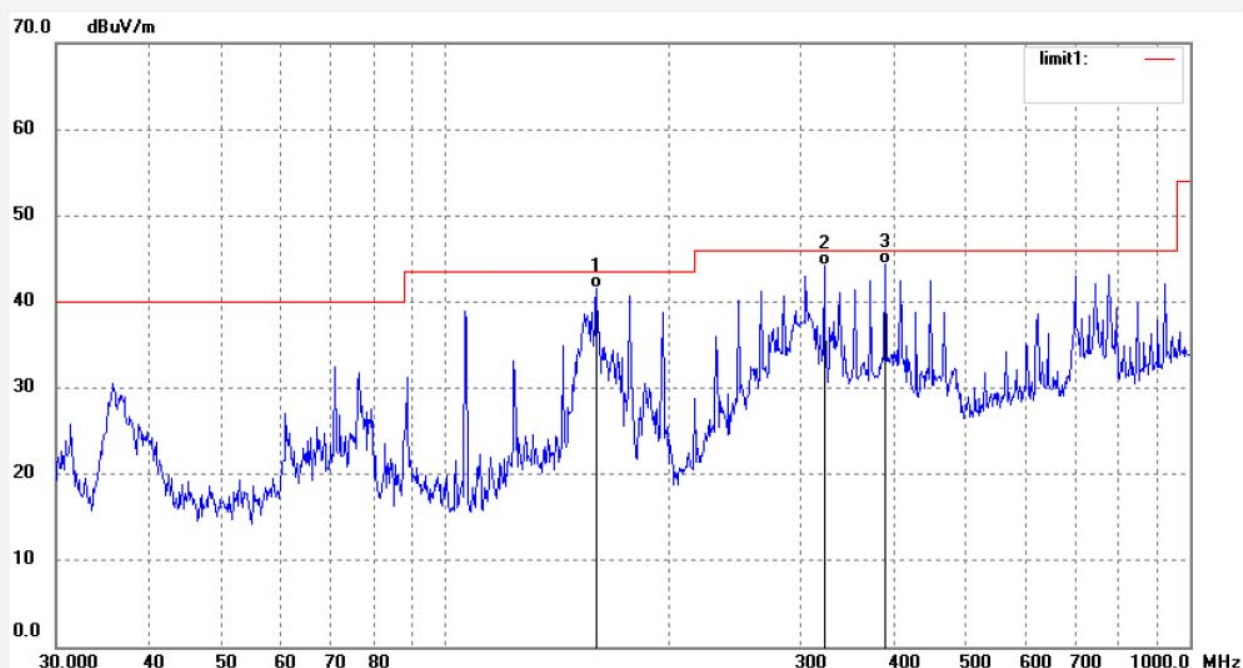
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Star_tmp #322
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: TABLET
Mode: Transfer data
Model: N12
Manufacturer: Vido Digital

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/11/03/
Time: 3/20/08
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122456



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	159.7586	29.56	12.08	41.64	43.50	-1.86	QP			
2	322.5896	24.82	19.45	44.27	46.00	-1.73	QP			
3	389.9873	22.55	21.88	44.43	46.00	-1.57	QP			



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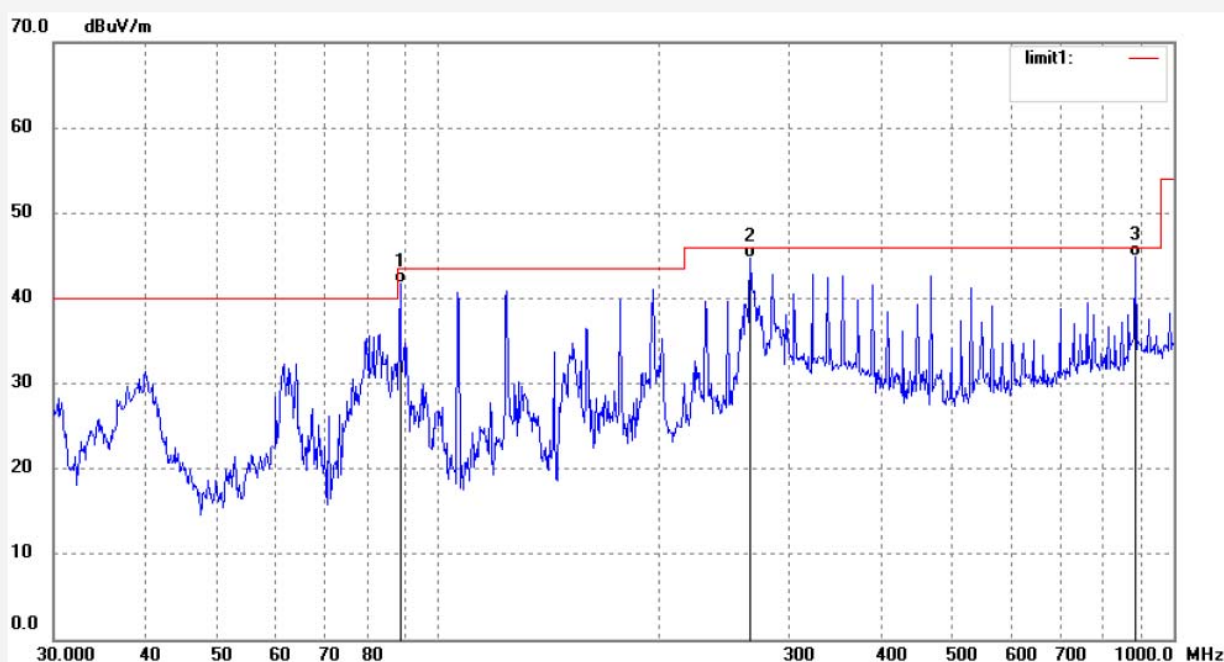
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Star_tmp #323
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: TABLET
Mode: Transfer data
Model: N12
Manufacturer: Vido Digital

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 12/11/03/
Time: 3/22/31
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122456



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	88.8452	27.92	13.79	41.71	43.50	-1.79	QP			
2	265.9035	26.06	18.59	44.65	46.00	-1.35	QP			
3	887.3978	16.04	28.77	44.81	46.00	-1.19	QP			



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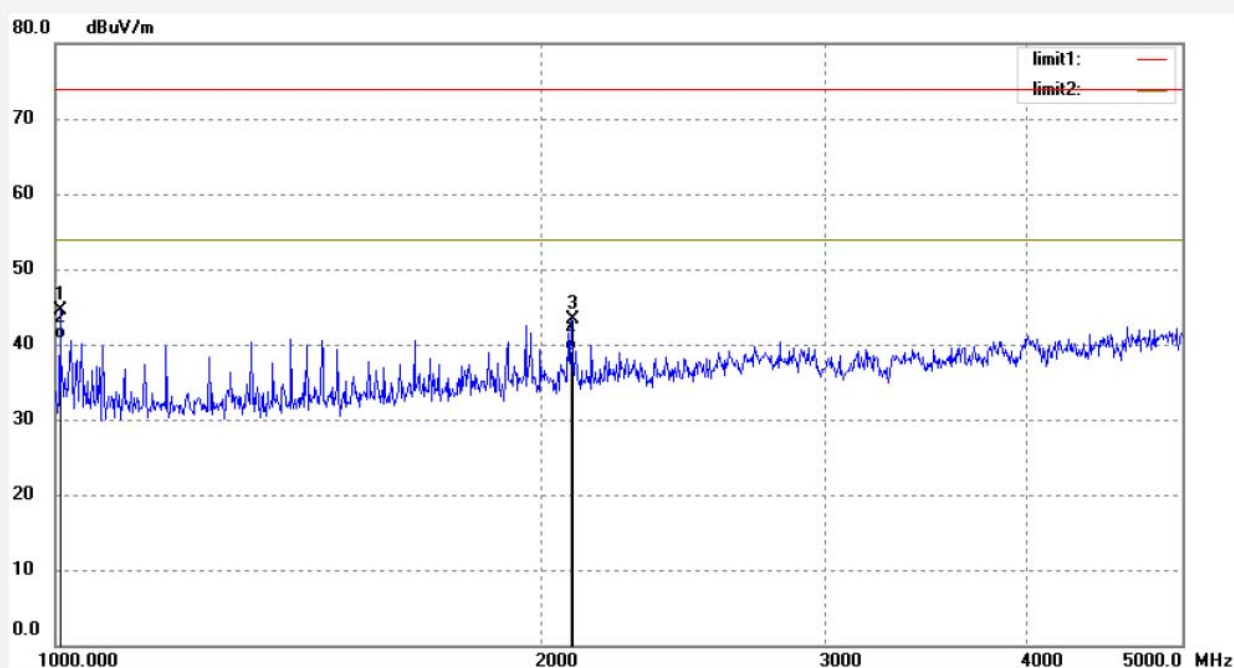
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Star_tmp #324
Standard: FCC PART 15B (PK)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: TABLET
Mode: Transfer data
Model: N12
Manufacturer: Vido Digital

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/11/03/
Time: 3/27/21
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122456



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1006.498	56.99	-12.44	44.55	74.00	-29.45	peak			
2	1006.498	53.22	-12.44	40.78	54.00	-13.22	AVG			
3	2089.061	51.89	-8.56	43.33	74.00	-30.67	peak			
4	2089.061	47.69	-8.56	39.13	54.00	-14.87	AVG			



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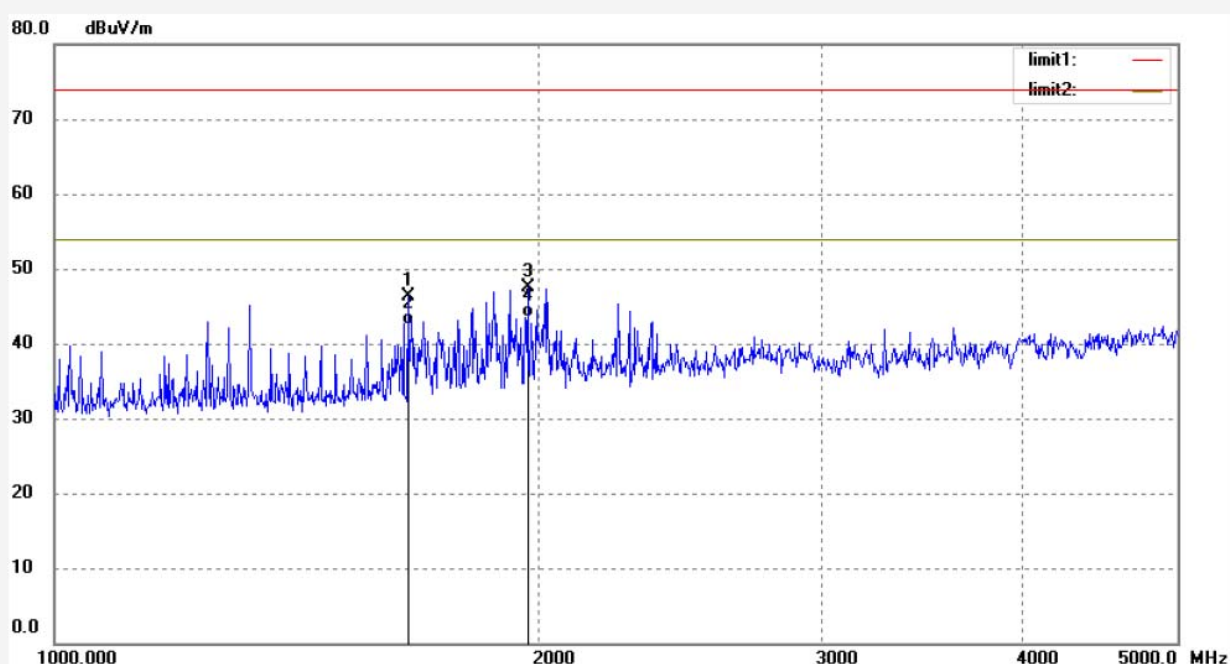
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Star_tmp #325
Standard: FCC PART 15B (PK)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: TABLET
Mode: Transfer data
Model: N12
Manufacturer: Vido Digital

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 12/11/03/
Time: 3/28/28
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122456



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1659.962	56.97	-10.67	46.30	74.00	-27.70	peak			
2	1659.962	53.22	-10.67	42.55	54.00	-11.45	AVG			
3	1970.771	56.65	-9.18	47.47	74.00	-26.53	peak			
4	1970.771	52.69	-9.18	43.51	54.00	-10.49	AVG			



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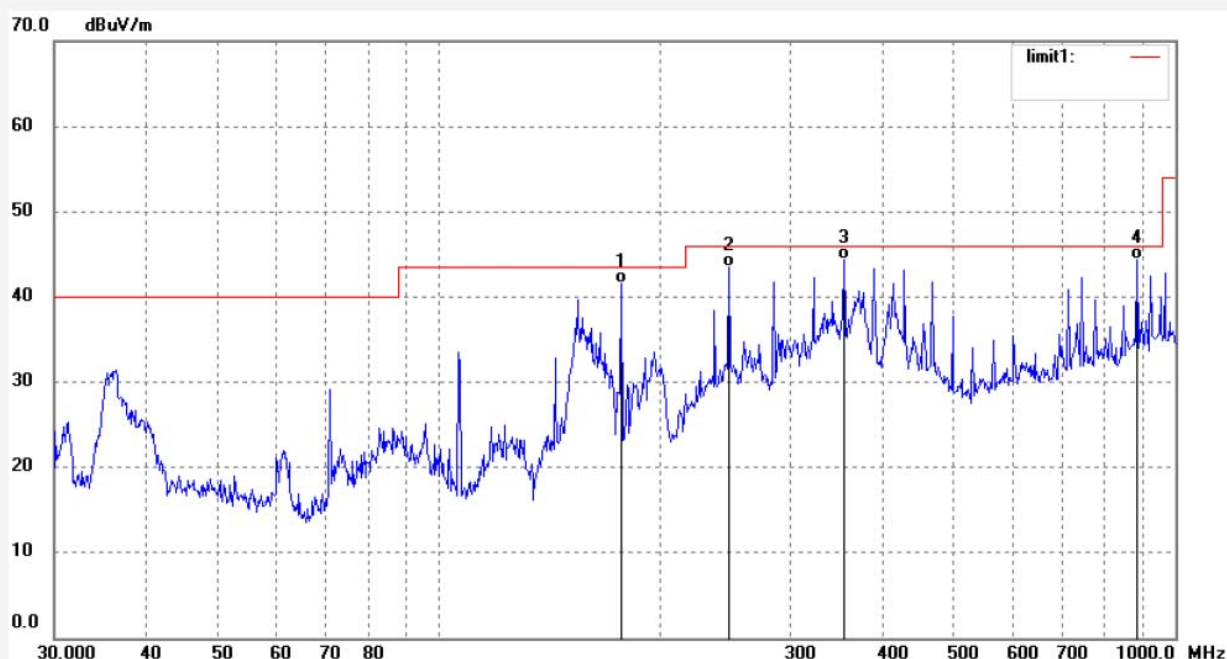
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Star_tmp #318
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: TABLET
Mode: Camera Playing
Model: N12
Manufacturer: Vido Digital

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/11/03/
Time: 3/10/09
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122456



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	176.8952	28.60	13.00	41.60	43.50	-1.90	QP			
2	247.8594	26.07	17.34	43.41	46.00	-2.59	QP			
3	354.6911	23.22	21.09	44.31	46.00	-1.69	QP			
4	887.3977	15.52	28.77	44.29	46.00	-1.71	QP			



ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Star_tmp #319

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: TABLET

Mode: Camera Playing

Model: N12

Manufacturer: Vido Digital

Polarization: Vertical

Power Source: AC 120V/60Hz

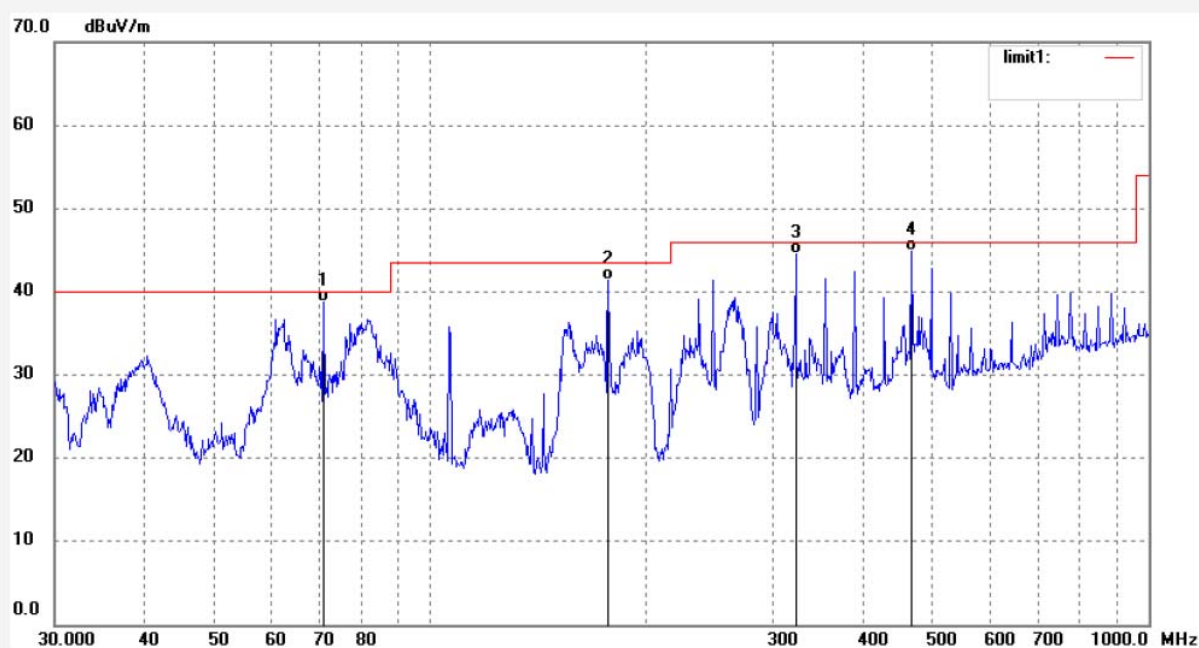
Date: 12/11/03/

Time: 3/12/11

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20122456



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	70.9536	27.80	10.95	38.75	40.00	-1.25	QP			
2	176.8953	28.43	13.00	41.43	43.50	-2.07	QP			
3	322.5896	25.14	19.45	44.59	46.00	-1.41	QP			
4	468.1650	21.36	23.55	44.91	46.00	-1.09	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

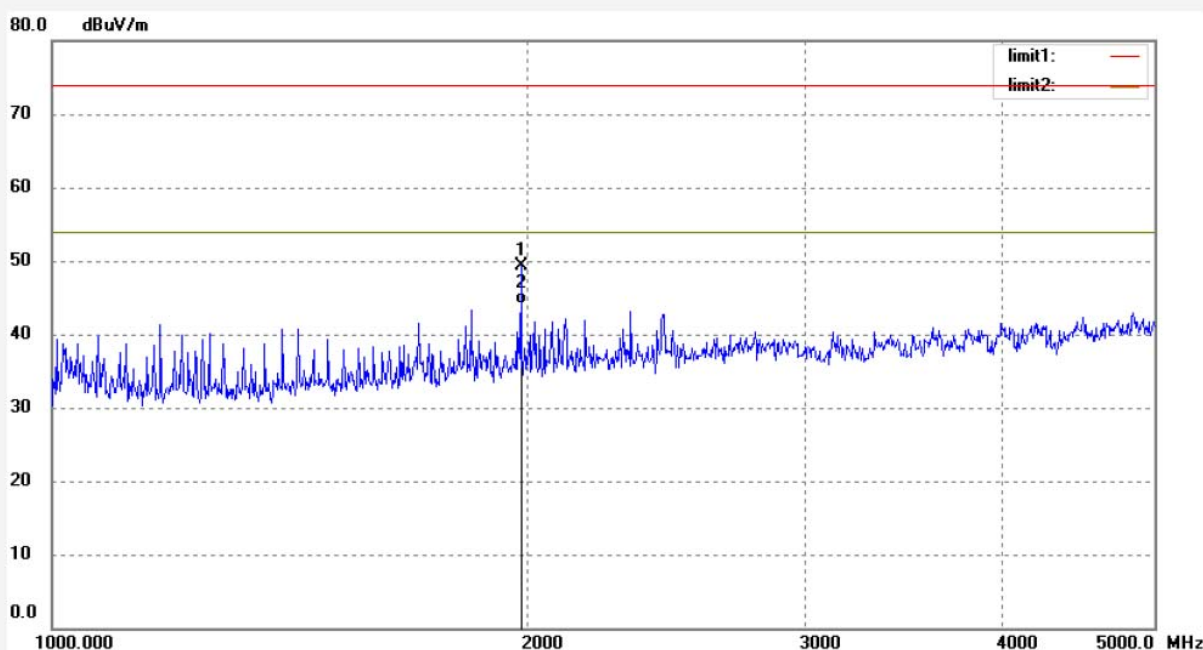
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Star_tmp #331
Standard: FCC PART 15B (PK)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: TABLET
Mode: Camera Playing
Model: N12
Manufacturer: Vido Digital

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/11/03/
Time: 3/36/42
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122456



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1983.577	58.37	-9.10	49.27	74.00	-24.73	peak			
2	1983.577	53.28	-9.10	44.18	54.00	-9.82	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

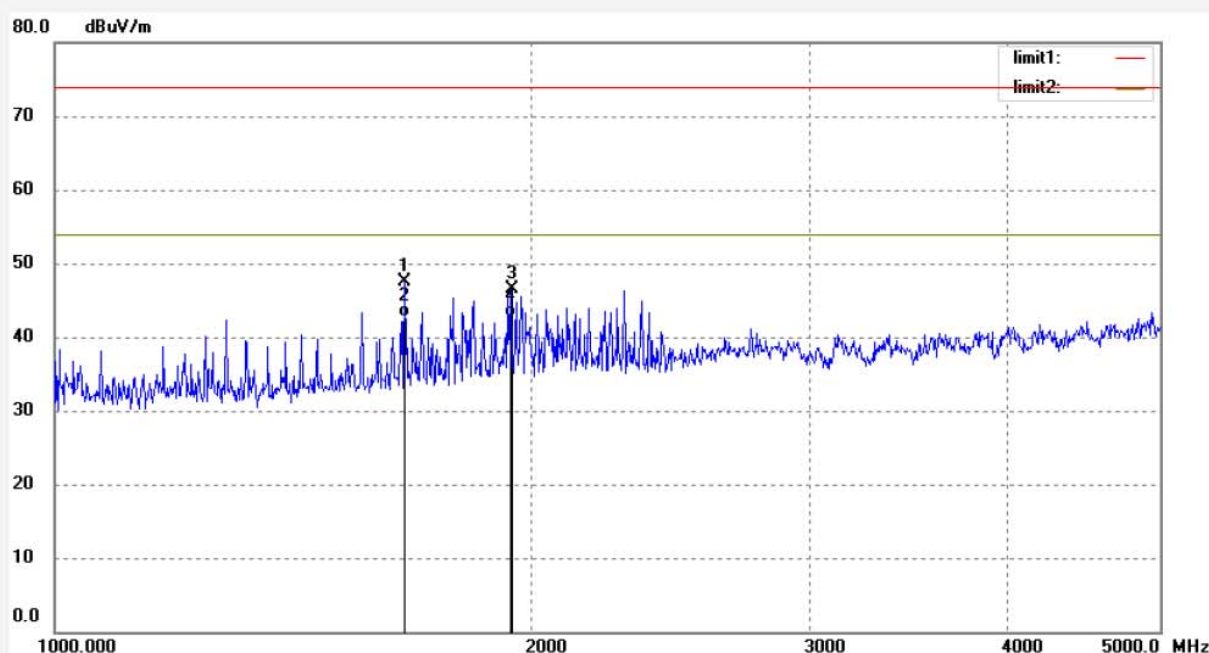
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: Star_tmp #330
 Standard: FCC PART 15B (PK)
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 49 %
 EUT: TABLET
 Mode: Camera Playing
 Model: N12
 Manufacturer: Vido Digital

 Polarization: Vertical
 Power Source: AC 120V/60Hz
 Date: 12/11/03/
 Time: 3/35/30
 Engineer Signature:
 Distance: 3m

Note: Report No.:ATE20122456



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1665.346	58.16	-10.62	47.54	74.00	-26.46	peak			
2	1665.346	53.28	-10.62	42.66	54.00	-11.34	AVG			
3	1942.261	55.83	-9.37	46.46	74.00	-27.54	peak			
4	1942.261	51.98	-9.37	42.61	54.00	-11.39	AVG			