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

MID

Model No.: VX-S7001, M7XXXXX, VX-SXXXX

FCC ID: WI3-VX-S7001

Prepared for : Shenzhen Sungworld Electronics Co., Ltd.

Address : 4#, North District, Shangxue Industrial Park, Bantian, Long

Gang District, Shenzhen, China

Prepared by : ACCURATE TECHNOLOGY CO. LTD

Address : F1, Bldg. A, Changyuan New Material Port, Keyuan Rd.

Science & Industry Park, Nanshan, Shenzhen, Guangdong

P.R. China

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Report Number : ATE20130171

Date of Test : January 29-February 7, 2013

Date of Report : February 8, 2013

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Test Report Certification

Applicant : Shenzhen Sungworld Electronics Co., Ltd.

Manufacturer : Shenzhen Sungworld Electronics Co., Ltd.

EUT Description : MID

(A) MODEL NO.: VX-S7001, M7XXXXX, VX-SXXXX

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 3.7V (Li-polymer battery) & DC 5V (Power by Adapter)

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 : | January 29-February 7, 2013 |
|--------------------------------|-----------------------------|
| Prepared by : | Apple Lu |
| | (Apple Lv, Engineer) |
| Approved & Authorized Signer : | Lemil |
| | (Sean Liu, Manager) |

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT : MID

Model Number : VX-S7001, M7XXXXX, VX-SXXXX

(Note: These samples are same except for the model number is difference. So we prepare the VX-S7001 for

FCC test.)

Power Supply : DC 3.7V (Li-polymer battery) & DC 5V (Power by

adapter)

Adapter : Model number: WYT-0520

Input: AC 100-240V; 50/60Hz 0.3A

Output: DC 5V/2.0A

Highest operation

frequency of the EUT:

1GHz

Applicant : Shenzhen Sungworld Electronics Co., Ltd.

Address : 4#, North District, Shangxue Industrial Park, Bantian,

Long Gang District, Shenzhen, China

Manufacturer : Shenzhen Sungworld Electronics Co., Ltd.

Address : 4#, North District, Shangxue Industrial Park, Bantian,

Long Gang District, Shenzhen, China

Date of sample received: January 29, 2013

Date of Test : January 29-February 7, 2013

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 | Туре | S/N | Calibrated dates | Calibrated until |
|-------------------|---------------|--------------------|------------|------------------|------------------|
| EMI Test Receiver | Rohde&Schwarz | ESCS30 | 100307 | Jan. 12, 2013 | Jan. 11, 2014 |
| EMI Test Receiver | Rohde&Schwarz | ESPI3 | 101526/003 | Jan. 12, 2013 | Jan. 11, 2014 |
| Spectrum Analyzer | Agilent | E7405A | MY45115511 | Jan. 12, 2013 | Jan. 11, 2014 |
| Pre-Amplifier | Rohde&Schwarz | CBLU118354 0-01 | 3791 | Jan. 12, 2013 | Jan. 11, 2014 |
| Loop Antenna | Schwarzbeck | FMZB1516 | 1516131 | Feb. 6, 2013 | Feb. 5, 2014 |
| Bilog Antenna | Schwarzbeck | VULB9163 | 9163-323 | Feb. 6, 2013 | Feb. 5, 2014 |
| Horn Antenna | Schwarzbeck | BBHA9120D | 9120D-655 | Feb. 6, 2013 | Feb. 5, 2014 |
| Horn Antenna | Schwarzbeck | BBHA9170 | 9170-359 | Feb. 6, 2013 | Feb. 5, 2014 |
| LISN | Rohde&Schwarz | ESH3-Z5 | 100305 | Jan. 12, 2013 | Jan. 11, 2014 |
| LISN | Schwarzbeck | NSLK8126 | 8126431 | Jan. 12, 2013 | Jan. 11, 2014 |

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: MID)

4. TEST PROCEDURES AND RESULTS

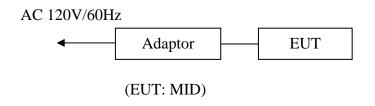
| FCC Rules | Description of Test | Result |
|----------------|----------------------------|-----------|
| Section 15.107 | Conducted Emission Test | Compliant |
| Section 15.109 | Radiated Emission Test | Compliant |

5. CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.107(A)

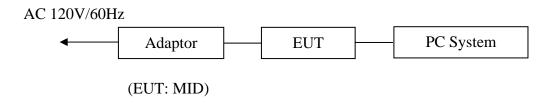
5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators

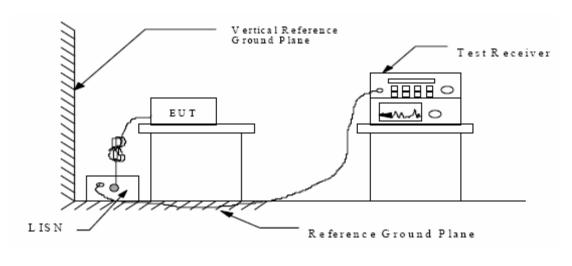
5.1.1.1. For Running & Camera playing



5.1.1.2.For Transfer data



5.1.2.Shielding Room Test Setup Diagram



(EUT: MID)

5.2. The Emission Limit

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

| Frequency | Limit $dB(\mu V)$ | | | | |
|--------------|-------------------|---------------|--|--|--|
| (MHz) | 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.MID (EUT)

Model Number : VX-S7001

Serial Number : N/A

Manufacturer : Shenzhen Sungworld 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 500hm 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:January 30, 2013Temperature:25°CEUT:MIDHumidity:50%Model No.:VX-S7001Power Supply:AC 120V/60HzTest Mode:RunningTest Engineer:PEI

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.310189 | 49.50 | 11.6 | 60 | 10.5 | QP | N | GND |
| 0.361001 | 49.30 | 11.7 | 59 | 9.4 | QP | N | GND |
| 0.519130 | 46.30 | 12.0 | 56 | 9.7 | QP | N | GND |
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
| 0.318980 | 37.30 | 11.6 | 50 | | AV | N | GND |
| 0.355282 | 38.30 | 11.7 | 49 | | AV | N | GND |
| 4.913107 | 34.00 | 11.4 | 46 | | AV | N | GND |
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
| 0.359562 | 50.50 | 11.7 | 59 | 8.2 | QP | L1 | GND |
| 0.527486 | 46.80 | 12.0 | 56 | 9.2 | QP | L1 | GND |
| 0.638894 | 48.80 | 11.9 | 56 | 7.2 | QP | L1 | GND |
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
| 0.359562 | 40.60 | 11.7 | 49 | 8.1 | AV | L1 | GND |
| 0.475482 | 37.10 | 12.0 | 46 | 9.3 | AV | L1 | GND |
| 4.972301 | 38.50 | 11.4 | 46 | 7.5 | 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:January 30, 2013Temperature:25°CEUT:MIDHumidity:50%Model No.:VX-S7001Power Supply:AC 120V/60HzTest Mode:Transfer dataTest Engineer:PEI

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|----------------------------------|-------------------------|----------------------|----------------|----------------------|----------------|----------------|-------------------|
| 0.362445 0.437246 0.517062 | 49.50 49.40 47.10 | 11.7 11.9 12.0 | 59 57 56 | 9.2 7.7 8.9 | QP QP QP | L1 L1 L1 | GND GND GND |
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
| 0.362445 0.477384 4.992190 | 39.90 37.30 38.70 | 11.7 12.0 11.4 | 49 46 46 | 8.8 9.1 7.3 | AV AV AV | L1 L1 L1 | GND GND GND |
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
| 0.311430 0.358130 0.515002 | 49.50 49.90 46.10 | 11.6 11.7 12.0 | 60 59 56 | 10.4 8.9 9.9 | QP QP QP | N N N | GND GND GND |
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
| 0.317709 0.358130 4.952491 | 37.90 38.40 34.20 | 11.6 11.7 11.4 | 50 49 46 | 11.9 10.4 11.8 | AV AV AV | N N N | GND GND GND |

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

Date of Test:January 30, 2013Temperature:25°CEUT:MIDHumidity:50%Model No.:VX-S7001Power Supply:AC 120V/60HzTest Mode:Camera playingTest Engineer:PEI

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.305276 | 48.50 | 11.6 | 60 | 11.6 | QP | N | GND |
| 0.351053 | 48.70 | 11.7 | 59 | 10.2 | QP | N | GND |
| 0.517062 | 46.20 | 12.0 | 56 | 9.8 | QP | N | GND |
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
| 0.313927 | 37.90 | 11.6 | 50 | | AV | N | GND |
| 0.356703 | 38.20 | 11.7 | 49 | | AV | N | GND |
| 4.893533 | 33.70 | 11.4 | 46 | | AV | N | GND |
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
| 0.477384 | 47.60 | 12.0 | 56 | | QP | L1 | GND |
| 0.611446 | 44.10 | 12.0 | 56 | | QP | L1 | GND |
| 4.893533 | 47.50 | 11.4 | 56 | | QP | L1 | GND |
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
| 0.359562 | 40.20 | 11.7 | 49 | 8.5 | AV | L1 | GND |
| 0.475482 | 37.20 | 12.0 | 46 | 9.2 | AV | L1 | GND |
| 4.932760 | 38.20 | 11.4 | 46 | 7.8 | AV | L1 | GND |

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

CONDUCTED EMISSION STANDARD FCC PART15B

MID M/N:VX-S7001

Manufacturer: Sungworld Operating Condition: Running

Test Site: 1#Shielding Room Operator: Bob

Test Specification: N AC120V/60Hz

Report NO.: ATE20130171 Comment: Start of Test: 1/30/2013 / 2:07:34PM

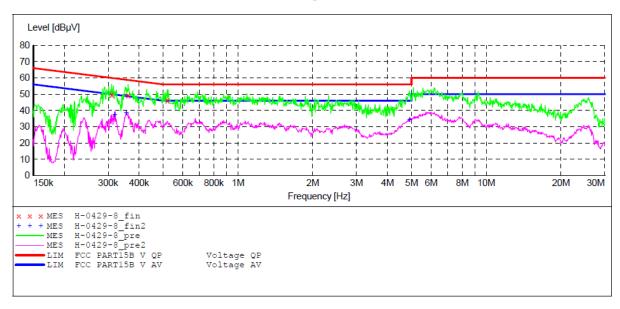
SCAN TABLE: "V 150K-30MHz fin"

_SUB_STD_VTERM2 1.70 Short Description:

Start Stop Step Detector Meas. IF Transducer Bandw. Width Time

Frequency Frequency 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008

Average



MEASUREMENT RESULT: "H-0429-8 fin"

| 1/30/2013 2: | 09PM | | | | | | |
|--------------|-------|--------|-------|--------|----------|------|-----|
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PΕ |
| MHz | dΒμV | dB | dΒμV | dB | | | |
| 0.310189 | 49.50 | 11.6 | 60 | 10.5 | QP | N | GND |
| 0.361001 | 49.30 | 11.7 | 59 | 9.4 | QΡ | N | GND |
| 0.519130 | 46.30 | 12.0 | 56 | 9.7 | QP | N | GND |

MEASUREMENT RESULT: "H-0429-8 fin2"

| 1 | /30/2013 2: | 09PM | | | | | | |
|---|-------------|-------|------|------|------|----------|------|-----|
| | Frequency | | | | _ | Detector | Line | PE |
| | MHz | dΒμV | dB | dΒμV | dB | | | |
| | | | | | | | | |
| | 0.318980 | 37.30 | 11.6 | 50 | 12.4 | AV | N | GND |
| | 0.355282 | 38.30 | 11.7 | 49 | 10.5 | AV | N | GND |
| | 4.913107 | 34.00 | 11.4 | 46 | 12.0 | AV | N | GND |

CONDUCTED EMISSION STANDARD FCC PART15B

MID M/N:VX-S7001 EUT:

Manufacturer: Sungworld Operating Condition: Running

Test Site: 1#Shielding Room Operator: Bob Test Specification: L AC120V/60Hz

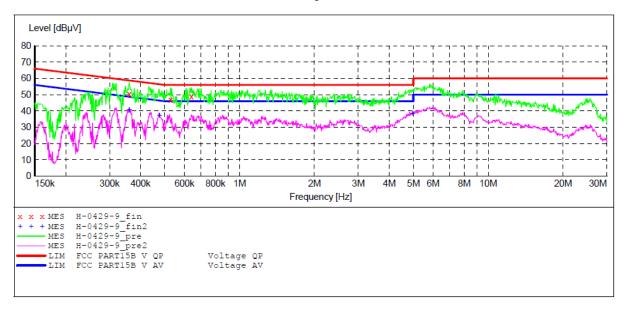
Report NO.:ATE20130171 1/30/2013 / 2:10:16PM Comment: Start of Test:

SCAN TABLE: "V 150K-30MHz fin"
Short Description: _SUB_STD_VTERM2 1.70

Detector Meas. IF
Time Bandw. Start Step Transducer Stop

Frequency Frequency Width 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008

Average



MEASUREMENT RESULT: "H-0429-9 fin"

| 1/30/2013 2 | :12PM | | | | | | |
|-------------|-------|--------|-------|--------|----------|------|-----|
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
| MHz | dΒμV | dB | dΒμV | dB | | | |
| | | | | | | | |
| 0.359562 | 50.50 | 11.7 | 59 | 8.2 | QP | L1 | GND |
| 0.527486 | 46.80 | 12.0 | 56 | 9.2 | QP | L1 | GND |
| 0.638894 | 48.80 | 11.9 | 56 | 7.2 | QP | L1 | GND |

MEASUREMENT RESULT: "H-0429-9 fin2"

| 1/30/2013 2: | 12PM | | | | | | |
|--------------|-------|--------|-------|--------|----------|------|-----|
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
| MHz | dBµV | dB | dBuV | dB | | | |
| | | | | | | | |
| 0.359562 | 40.60 | 11.7 | 49 | 8.1 | AV | L1 | GND |
| 0.475482 | 37.10 | 12.0 | 46 | 9.3 | AV | L1 | GND |
| 4.972301 | 38.50 | 11.4 | 46 | 7.5 | AV | L1 | GND |
| | | | | | | | |

CONDUCTED EMISSION STANDARD FCC PART15B

EUT: MID M/N:VX-S7001 Manufacturer: Sungworld Operating Condition: Transfer data

1#Shielding Room Test Site:

Operator: Bob

Test Specification: L AC120V/60Hz

Comment: Report NO.: ATE20130171 1/30/2013 / 2:12:45PM Start of Test:

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

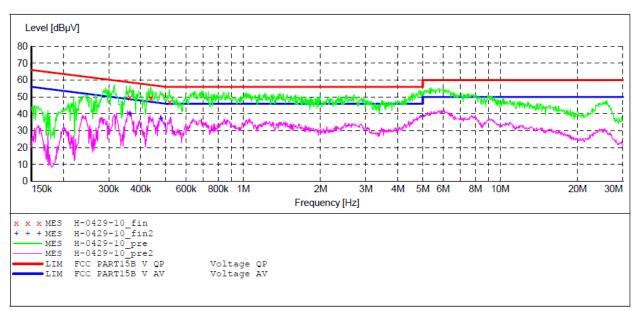
_SUB_STD_VTERM2 1.70 Short Description:

Stop Step Detector Meas. IF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008

Average



MEASUREMENT RESULT: "H-0429-10 fin"

| 1/30/2013 2: | 14PM | | | | | | |
|--------------|-------|--------|-------|--------|----------|------|-----|
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
| MHz | dΒμV | dB | dΒμV | dB | | | |
| | | | | | | | |
| 0.362445 | 49.50 | 11.7 | 59 | 9.2 | QP | L1 | GND |
| 0.437246 | 49.40 | | | 7.7 | QP | L1 | GND |
| 0.517062 | 47.10 | 12.0 | | 8.9 | OP | L1 | GND |

MEASUREMENT RESULT: "H-0429-10 fin2"

| 1/30/2013 2 | :14PM | | | | | | |
|-------------|-------|--------|-------|--------|----------|------|-----|
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PΕ |
| MHz | dΒμV | dB | dΒμV | dB | | | |
| | | | | | | | |
| 0.362445 | 39.90 | 11.7 | 49 | 8.8 | AV | L1 | GND |
| 0.477384 | 37.30 | 12.0 | 46 | 9.1 | AV | L1 | GND |
| 4.992190 | 38.70 | 11.4 | 46 | 7.3 | AV | L1 | GND |

CONDUCTED EMISSION STANDARD FCC PART15B

MID M/N:VX-S7001

Manufacturer: Sungworld Operating Condition: Transfer data Test Site: 1#Shielding Room

Operator: Bob

Test Specification: N AC120V/60Hz

Comment: Report NO.:ATE20130171 Start of Test: 1/30/2013 / 2:15:17PM

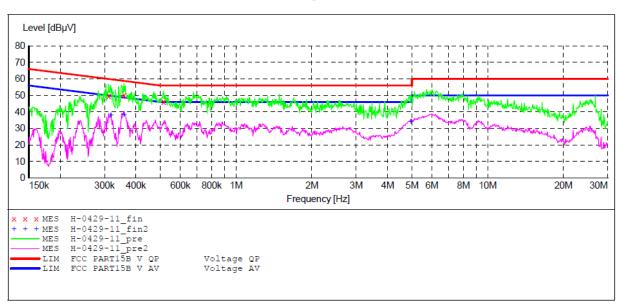
SCAN TABLE: "V 150K-30MHz fin"

_SUB_STD_VTERM2 1.70 Short Description:

Detector Meas. IF Time Bandw. Start Stop Step Transducer Mea. Time

Frequency Frequency Width 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008

Average



MEASUREMENT RESULT: "H-0429-11 fin"

| 1 | L/30/2013 2: | 17PM | | | | | | |
|---|--------------|-------|--------|-------|--------|----------|------|-----|
| | Frequency | Level | Transd | Limit | Margin | Detector | Line | PΕ |
| | MHz | dΒμV | dB | dΒμV | dB | | | |
| | | | | | | | | |
| | 0.311430 | 49.50 | 11.6 | 60 | 10.4 | QP | N | GND |
| | 0.358130 | 49.90 | | | | QP | N | GND |
| | 0.515002 | 46.10 | 12.0 | 56 | 9.9 | QP | N | GND |

MEASUREMENT RESULT: "H-0429-11 fin2"

| 1/30/2013 | 2:17PM | | | | | | |
|-----------|--------|------|------|--------|----------|------|-----|
| | | | | Margin | Detector | Line | PΕ |
| MHz | dΒμV | dB | dΒμV | dB | | | |
| | | | | | | | |
| 0.317709 | 37.90 | 11.6 | 50 | 11.9 | AV | N | GND |
| 0.358130 | 38.40 | 11.7 | 49 | 10.4 | AV | N | GND |
| 4.952491 | 34.20 | 11.4 | 46 | 11.8 | AV | N | GND |

CONDUCTED EMISSION STANDARD FCC PART15B

MID M/N:VX-S7001 EUT:

Manufacturer: Sungworld Operating Condition: Camera

Test Site: 1#Shielding Room

Bob Operator:

Test Specification: N AC120V/60Hz

Comment: Report NO.: ATE20130171 Start of Test: 1/30/2013 / 2:28:17PM

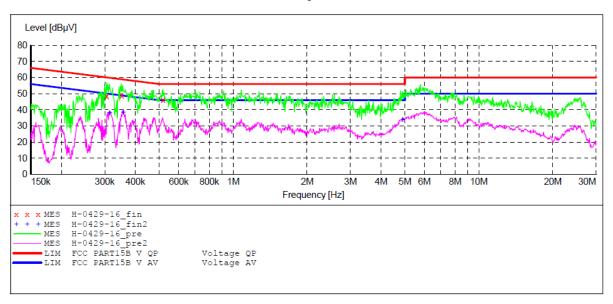
SCAN TABLE: "V 150K-30MHz fin"

Short Description: _____SUB_STD_VTERM2 1.70

Detector Meas. IF
Time Bandw. Start Stop Step Transducer

Frequency Frequency Width 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008

Average



MEASUREMENT RESULT: "H-0429-16 fin"

| 1 | /30/2013 2:3 | 30PM | | | | | | |
|---|--------------|-------|--------|-------|--------|----------|------|-----|
| | Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
| | MHz | dΒμV | dB | dΒμV | dB | | | |
| | | | | | | | | |
| | 0.305276 | 48.50 | 11.6 | 60 | 11.6 | QP | N | GND |
| | 0.351053 | 48.70 | 11.7 | 59 | 10.2 | QP | N | GND |
| | 0.517062 | 46.20 | 12.0 | 56 | 9.8 | QP | N | GND |

MEASUREMENT RESULT: "H-0429-16 fin2"

| 1/30/2013 2: | 30PM | | | | | | |
|--------------|-------|--------|-------|--------|----------|------|-----|
| Frequency | Level | Transd | Limit | Margin | Detector | Line | PE |
| MHz | dΒμV | dB | dΒμV | dB | | | |
| | | | | | | | |
| 0.313927 | 37.90 | 11.6 | 50 | 12.0 | AV | N | GND |
| 0.356703 | 38.20 | 11.7 | 49 | 10.6 | AV | N | GND |
| 4.893533 | 33.70 | 11.4 | 46 | 12.3 | AV | N | GND |

CONDUCTED EMISSION STANDARD FCC PART15B

EUT: MID M/N:VX-S7001

Manufacturer: Sungworld Operating Condition: Camera

Test Site: 1#Shielding Room

Bob Operator:

Test Specification: L AC120V/60Hz

Report NO.: ATE20130171 Comment: 1/30/2013 / 2:30:50PM Start of Test:

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

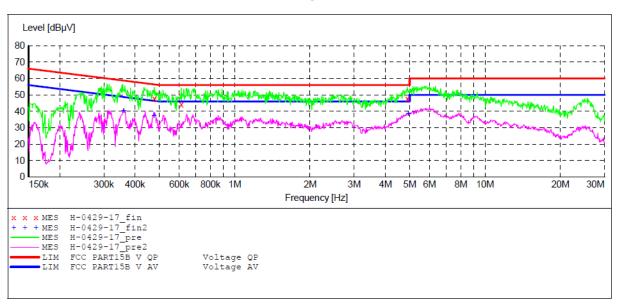
_SUB_STD_VTERM2 1.70 Short Description:

Detector Meas. IF
Time Bandw. Start Step Transducer Stop

Width

Frequency Frequency 150.0 kHz 30.0 MHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008 0.8 %

Average



MEASUREMENT RESULT: "H-0429-17 fin"

| 1/30/2013 2: Frequency MHz | | | Limit dBµV | Margin dB | Detector | Line | PE |
|----------------------------------|-------|------|---------------|--------------------|----------|----------------|-------------------|
| 0.477384 0.611446 4.893533 | 44.10 | 12.0 | | 8.8 11.9 8.5 | QР | L1 L1 L1 | GND GND GND |

MEASUREMENT RESULT: "H-0429-17 fin2"

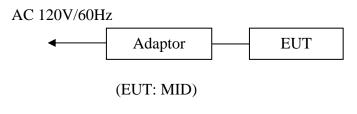
| 1/30/2013 2 | :33PM | | | | | | |
|-------------|-------|------|------|--------|----------|------------|-----|
| Frequency | | | | Margin | Detector | Line | PΕ |
| MHz | dΒμV | dB | dΒμV | dB | | | |
| | | | | | | | |
| 0.359562 | 40.20 | 11.7 | 49 | 8.5 | AV | $_{ m L1}$ | GND |
| 0.475482 | 37.20 | 12.0 | 46 | 9.2 | AV | L1 | GND |
| 4.932760 | 38.20 | 11.4 | 46 | 7.8 | AV | L1 | GND |

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

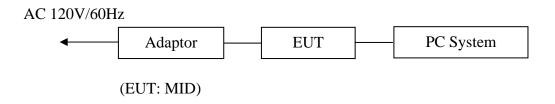
6.1.Block Diagram of Test Setup

 $6.1.1.Block\ diagram\ of\ connection\ between\ the\ EUT\ and\ simulators$

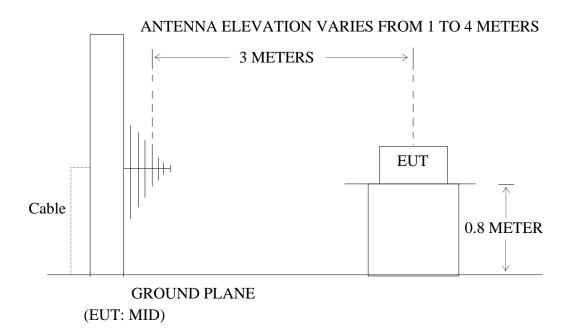
6.1.1.1. For Running & Camera playing



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).

| | Lin | nit |
|--------------------|---|--|
| Frequency (MHz) | Field Strength of Quasi-peak Value (microvolts/m) | Field Strength of Quasi-peak Value $(dB\mu V/m)$ |
| 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.MID (EUT)

Model Number : VX-S7001

Serial Number : N/A

Manufacturer : Shenzhen Sungworld 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: February 1, 2013 Temperature: 25°C

EUT: MID Humidity: 50%

Model No.: VX-S7001 Power Supply: AC 120V/60Hz

Test Mode: Running Test Engineer: PEI

| Frequency: 30- | 1000M | Hz | | | | | | |
|----------------|--------|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|
| Polarization | | | | | | | | |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Horizontal | 1 | 32.4109 | 13.13 | 15.95 | 29.08 | 40.00 | -10.92 | QP |
| | 2 | 55.6782 | 10.37 | 13.94 | 24.31 | 40.00 | -15.69 | QP |
| | 3 | 142.2684 | 13.88 | 11.48 | 25.36 | 43.50 | -18.14 | QP |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Vertical | 1 | 32.2972 | 15.55 | 15.96 | 31.51 | 40.00 | -8.49 | QP |
| | 2 | 58.0759 | 10.33 | 13.47 | 23.80 | 40.00 | -16.20 | QP |
| | 3 | 143.2717 | 19.21 | 11.48 | 30.69 | 43.50 | -12.81 | QP |
| Frequency: 10 | 00-500 | 0MHz | | | | | | |
| Polarization | | | | | | | | |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | 1 | 1169.790 | 52.81 | -12.50 | 40.31 | 74.00 | -33.69 | peak |
| Horizontal | 2 | 1169.790 | 47.15 | -12.50 | 34.65 | 54.00 | -19.35 | AVG |
| | 3 | 3570.187 | 41.97 | -2.89 | 39.08 | 74.00 | -34.92 | peak |
| | 4 | 3570.187 | 36.32 | -2.89 | 33.43 | 54.00 | -20.57 | AVG |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | 1 | 1169.790 | 53.39 | -12.50 | 40.89 | 74.00 | -33.11 | peak |
| Vertical | 2 | 1169.790 | 48.12 | -12.50 | 35.62 | 54.00 | -18.38 | AVG |
| | 3 | 2397.074 | 52.82 | -7.48 | 45.34 | 74.00 | -28.66 | peak |
| | 4 | 2397.074 | 47.54 | -7.48 | 40.06 | 54.00 | -13.94 | AVG |

Date of Test: February 1, 2013 Temperature: 25°C

EUT: MID Humidity: 50%

Model No.: VX-S7001 Power Supply: AC 120V/60Hz

Test Mode: Transfer data Test Engineer: PEI

| Frequency: 30- | -1000M | Hz | | | | | | |
|----------------|---------|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|
| Polarization | | | | | | | | |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Horizontal | 1 | 32.1840 | 16.11 | 15.98 | 32.09 | 40.00 | -7.91 | QP |
| | 2 | 142.7692 | 15.49 | 11.49 | 26.98 | 43.50 | -16.52 | QP |
| | 3 | 419.8509 | 13.78 | 20.09 | 33.87 | 46.00 | -12.13 | QP |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Vertical | 1 | 35.0156 | 18.21 | 15.69 | 33.90 | 40.00 | -6.10 | QP |
| | 2 | 52.0826 | 13.47 | 14.29 | 27.76 | 40.00 | -12.24 | QP |
| | 3 | 148.3951 | 25.55 | 11.51 | 37.06 | 43.50 | -6.44 | QP |
| Frequency: 10 | 000-500 | 0MHz | | | | | | |
| Polarization | | | | | | | | |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | 1 | 1965.930 | 49.63 | -9.21 | 40.42 | 74.00 | -33.58 | peak |
| Horizontal | 2 | 1965.930 | 44.46 | -9.21 | 35.25 | 54.00 | -18.75 | AVG |
| | 3 | 2397.074 | 52.35 | -7.48 | 44.87 | 74.00 | -29.13 | peak |
| | 4 | 2397.074 | 47.51 | -7.48 | 40.03 | 54.00 | -13.97 | AVG |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | 1 | 1965.930 | 50.54 | -9.21 | 41.33 | 74.00 | -32.67 | peak |
| Vertical | 2 | 1965.930 | 45.51 | -9.21 | 36.30 | 54.00 | -17.70 | AVG |
| | 3 | 2749.020 | 46.16 | -6.10 | 40.06 | 74.00 | -33.94 | peak |
| | 4 | 2749.020 | 41.17 | -6.10 | 35.07 | 54.00 | -18.93 | AVG |

Date of Test: February 1, 2013 Temperature: 25°C

EUT: MID Humidity: 50%

Model No.: VX-S7001 Power Supply: AC 120V/60Hz

Test Mode: Camera playing Test Engineer: PEI

| E 20. 1 | 100011 | | | | | | | |
|-----------------|--------|----------------|------------------|----------------|--------------------|-------------------|----------------|----------|
| Frequency: 30-1 | LOOOM | HZ | | | | | | |
| Polarization | | | | | | | | |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Horizontal | 1 | 82.5257 | 23.39 | 13.01 | 36.40 | 40.00 | -3.60 | QP |
| | 2 | 265.9035 | 25.60 | 15.81 | 41.41 | 46.00 | -4.59 | QP |
| | 3 | 315.8601 | 24.32 | 17.22 | 41.54 | 46.00 | -4.46 | QP |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| Vertical | 1 | 82.5257 | 22.95 | 13.01 | 35.96 | 40.00 | -4.04 | QP |
| | 2 | 133.5493 | 27.25 | 12.74 | 39.99 | 43.50 | -3.51 | QP |
| | 3 | 315.8601 | 25.02 | 17.22 | 42.24 | 46.00 | -3.76 | QP |
| Frequency: 10 | 00-500 | 0MHz | | | | | | |
| Polarization | | | | | | | | |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | 1 | 1110.210 | 56.02 | -12.58 | 43.44 | 74.00 | -30.56 | peak |
| Horizontal | 2 | 1110.210 | 51.02 | -12.58 | 38.44 | 54.00 | -15.56 | AVG |
| | 3 | 2392.757 | 50.14 | -7.51 | 42.63 | 74.00 | -31.37 | peak |
| | 4 | 2392.757 | 45.55 | -7.51 | 38.04 | 54.00 | -15.96 | AVG |
| | No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
| | 1 | 1110.210 | 55.53 | -12.58 | 42.95 | 74.00 | -31.05 | peak |
| Vertical | 2 | 1110.210 | 50.13 | -12.58 | 37.55 | 54.00 | -16.45 | AVG |
| | 3 | 2397.074 | 50.60 | -7.48 | 43.12 | 74.00 | -30.88 | peak |
| | 4 | 2397.074 | 45.62 | -7.48 | 38.14 | 54.00 | -15.86 | 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:

Result = Reading + Corrected Factor

Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss - Amplifier Gain

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



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Job No.: Bob #4788

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: MID

Mode: Running

Model: VX-S7001

Manufacturer: Sungworld

Note: Report NO.:ATE20130171

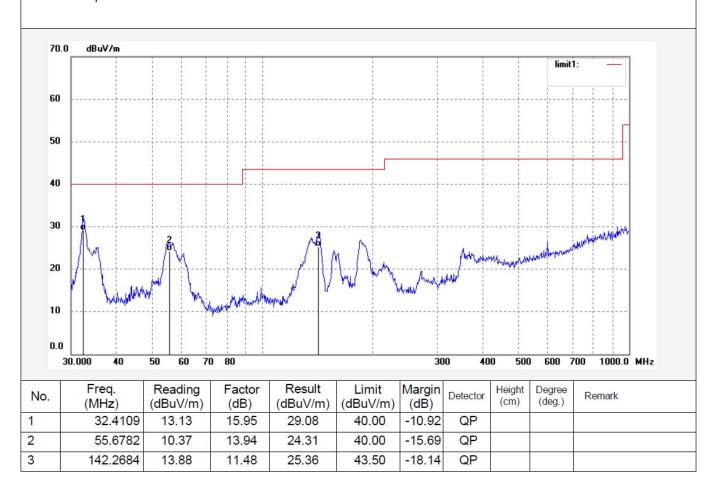
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/02/01 Time: 10:12:12

Engineer Signature: Bob

Distance: 3m





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

Job No.: Bob #4789

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: MID Mode: Running Model: VX-S7001 Manufacturer: Sungworld

Note: Report NO.:ATE20130171 Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/02/01 Time: 10:14:25

Engineer Signature: Bob

Distance: 3m

| limit1: — | | | | | | | | | | | | |
|-----------|------|----------|------|---|-----|-----|---|-----|---|-----|-----|-----------|
| limit1: — | 70.0 | dBuV/m | | | | | | | | | | |
| limit1: — | 70.0 | UDUT7III | | | | 700 | - | 20 | | | | |
| | | 9 | - 6 | 1 | - 6 | 1 | 1 | 1 | 9 | - 1 | 1 1 | limit1· — |
| | | | - 1 | | - 1 | - 1 | 1 | 1 | | - 1 | | mm. |
| | | | | | | 200 | | i . | 1 | | 1 1 | |
| | | 1 | | | | | | | | | | |
| | | | - 54 | | | 100 | 1 | 1 | 1 | | | |
| | | | | | | | į | | | - 1 | | |
| | 60 | | | | | | | 1 | | | | 1 1 1 1 |

| | | | | | | |) 1 1 | | | | lim | it1: | _ |
|-----|--------------|---|----|----------|---------------|-------|------------------|---------|----|---------------|--------|----------|-----------|
| 60 | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | |
| 40 | | | | | | | _ | | | | | | |
| 30 | | 2 | | | N | May 1 | | 1 | | | | i.uv | MANAGERAN |
| 20 | | W | М, | \ | J.M | M/J | why had | phymydl | V. | Hallydiduding | Monday | Market . | |
| 10 | "Mayber", An | | M | Polysty | Charles Marie | | Thank | | | | | | |
| 0.0 | | | | | | | 1 1 1 1 | | | | | | |

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|----------------|------------------|----------------|--------------------|-------------------|----------------|----------|---------------------------------------|------------------|--------|
| 1 | 32.2972 | 15.55 | 15.96 | 31.51 | 40.00 | -8.49 | QP | · · · · · · · · · · · · · · · · · · · | | |
| 2 | 58.0759 | 10.33 | 13.47 | 23.80 | 40.00 | -16.20 | QP | | | |
| 3 | 143.2717 | 19.21 | 11.48 | 30.69 | 43.50 | -12.81 | QP | · · · · · · · · · · · · · · · · · · · | | |



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

Job No.: Bob #4802 Standard: FCC PK

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: Mode: Running Model: VX-S7001

Manufacturer: Sungworld

Power Source: AC 120V/60Hz Test item: Radiation Test Date: 2013/02/01

Time: 10:48:09

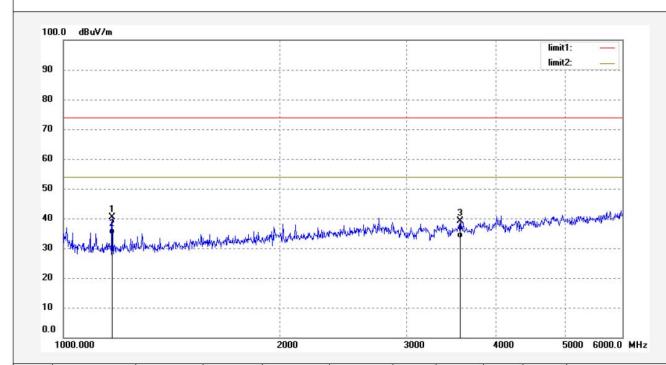
Polarization:

Engineer Signature: Bob

Horizontal

Distance: 3m

Note: Report NO.:ATE20130171



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|----------------|------------------|-------------|--------------------|-------------------|----------------|----------|-------------|------------------|--------|
| 1 | 1169.790 | 52.81 | -12.50 | 40.31 | 74.00 | -33.69 | peak | | | |
| 2 | 1169.790 | 47.15 | -12.50 | 34.65 | 54.00 | -19.35 | AVG | | | |
| 3 | 3570.187 | 41.97 | -2.89 | 39.08 | 74.00 | -34.92 | peak | | | |
| 4 | 3570.187 | 36.32 | -2.89 | 33.43 | 54.00 | -20.57 | AVG | | | |



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

Job No.: Bob #4803 Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: MID Mode: Running Model: VX-S7001

Note:

Manufacturer: Sungworld Report NO.:ATE20130171 Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/02/01 Time: 10:51:53

Engineer Signature: Bob

Distance: 3m

| 100. | .0 dBuV/m | | | | | | | | | | - |
|----------------------------|------------------------|---------------------------|---------------------|------------------------------|----------------------------------|----------------------------|---------------------------|-----------------------|---------------|---------------------------|---------------|
| | | | | | | | | 1 | limit | | 1 |
| 90 | | | | | | | | | limit2 | 2: — | 4 |
| 80 | | | | | | | | | | | |
| 70 | | | | | | | | | | | |
| 60 | | | | | | | | | | | |
| 50 | | | | | 3 | | | | | | |
| | 1 | | | | ¥ | 1 | | | | | |
| 40 | | | | | 9 | | | الله الله الله | INJUMNOW | A THE CHANGE OF THE PARTY | MA. |
| | | delphilippy (warming) | hytellericher | mpanjahadahan madi | Manylordates south | nhynyrgyrthyw | All Authorizing woods and | high Hillandiddyn | publish produ | Mary Mary Mary | . - |
| 30 | | dolari olehar sekaran 194 | hed the sector sect | mpanjahanka, wwa. | of Whitelion have been been a | ndayad garqaritti qar | Alland Mynnoghan | haya dan galaya | panamand | districtions, | / // - |
| 30 20 | | deployed by the comment | hypothermon | | and harden desirences of | ntagen gregorista gar | All of the periodical | hayar babaya bilika | jednje (droh | nder of the second | ** |
| | | Aglasi kabbapa/warma?# | huf Menter and | . Afronigalisation (Afronia) | Mangandaninada | ndayaying ing ing the same | Mand Mand Mand Mand | hayor balayardilga | pannah | Haph-agither, perton | m |
| 30 20 10 0.0 | 000.000 | diglarge had begin in the | hytollogical | 2000 | Manhorathy | 3000 | All and I have a fight | 4000 | | | P |
| 30 20 10 0.0 1 | 000.000 Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | | Limit (dBuV/m) | | Detector | | | | - |
| 30 20 10 0.0 1 | Freq. | | Factor | 2000 Result | Limit | 3000 Margin | | 4000 Height | 5 Degree | 5000 6000 | - |
| 30 20 10 0.0 | Freq. (MHz) | (dBuV/m) | Factor (dB) | 2000 Result (dBuV/m) | Limit (dBuV/m) | 3000 Margin (dB) | Detector | 4000 Height | 5 Degree | 5000 6000 | - |



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Job No.: Bob #4794

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

Mode: Transfer data

Model: VX-S7001

Manufacturer: Sungworld

EUT: MID

Note: Report NO.:ATE20130171

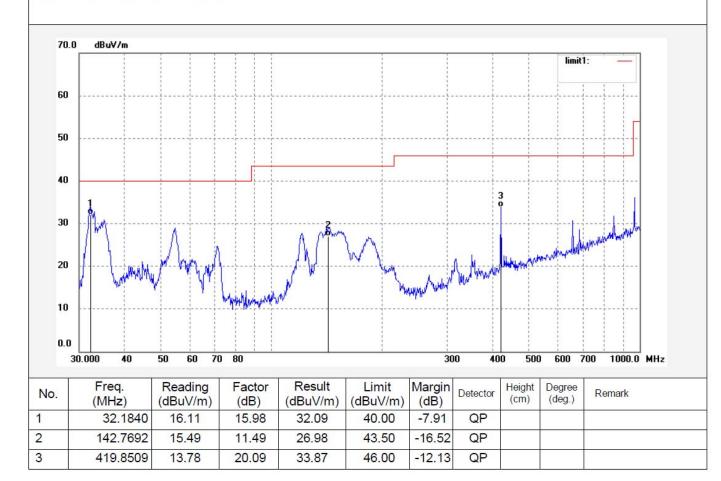
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/02/01 Time: 10:26:31

Engineer Signature: Bob

Distance: 3m





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

Job No.: Bob #4795

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: MID

Mode: Transfer data Model: VX-S7001 Manufacturer: Sungworld Polarization: Vertical

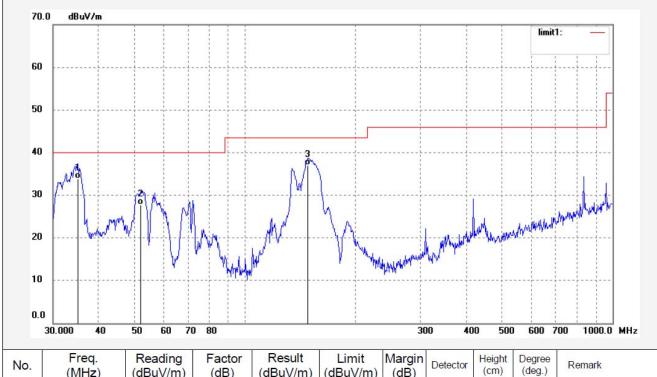
Power Source: AC 120V/60Hz

Date: 2013/02/01 Time: 10:28:44

Engineer Signature: Bob

Distance: 3m

Note: Report NO.:ATE20130171



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|----------------|------------------|----------------|--------------------|-------------------|----------------|----------|-------------|------------------|--------|
| 1 | 35.0156 | 18.21 | 15.69 | 33.90 | 40.00 | -6.10 | QP | | | |
| 2 | 52.0826 | 13.47 | 14.29 | 27.76 | 40.00 | -12.24 | QP | | | |
| 3 | 148.3951 | 25.55 | 11.51 | 37.06 | 43.50 | -6.44 | QP | | | |



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Job No.: Bob #4797 Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: MID

Mode: Transfer data

Model: VX-S7001

Manufacturer: Sungworld

Polarization: Horizontal

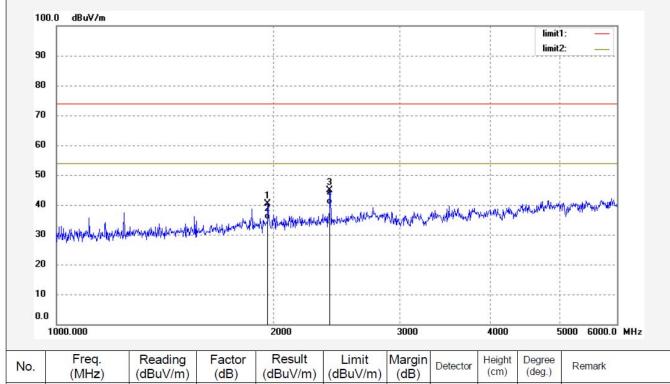
Power Source: AC 120V/60Hz

Date: 2013/02/01 Time: 10:35:27

Engineer Signature: Bob

Distance: 3m

Note: Report NO.:ATE20130171



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|----------------|------------------|----------------|--------------------|-------------------|----------------|----------|-------------|------------------|--------|
| 1 | 1965.930 | 49.63 | -9.21 | 40.42 | 74.00 | -33.58 | peak | | | |
| 2 | 1965.930 | 44.46 | -9.21 | 35.25 | 54.00 | -18.75 | AVG | | | |
| 3 | 2397.074 | 52.35 | -7.48 | 44.87 | 74.00 | -29.13 | peak | | | |
| 4 | 2397.074 | 47.51 | -7.48 | 40.03 | 54.00 | -13.97 | AVG | | | |



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

Job No.: Bob #4796 Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: MID

Mode: Transfer data Model: VX-S7001 Manufacturer: Sungworld

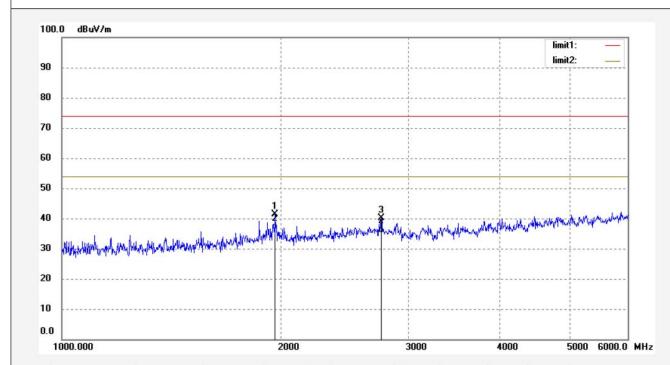
Polarization: Vertical Power Source: AC 120V/60Hz

> Date: 2013/02/01 Time: 10:33:38

Engineer Signature: Bob

Distance: 3m

Note: Report NO.:ATE20130171



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|----------------|------------------|----------------|--------------------|-------------------|----------------|----------|-------------|------------------|--------|
| 1 | 1965.930 | 50.54 | -9.21 | 41.33 | 74.00 | -32.67 | peak | | | |
| 2 | 1965.930 | 45.51 | -9.21 | 36.30 | 54.00 | -17.70 | AVG | | | |
| 3 | 2749.020 | 46.16 | -6.10 | 40.06 | 74.00 | -33.94 | peak | | | |
| 4 | 2749.020 | 41.17 | -6.10 | 35.07 | 54.00 | -18.93 | AVG | | | |



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Job No.: Bob #4790

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: MID

Mode: Camera Model: VX-S7001 Manufacturer: Sungworld

Note: Report NO.:ATE20130171

25.60

24.32

15.81

17.22

41.41

41.54

46.00

46.00

265.9035

315.8601

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/02/01 Time: 10:17:11

Engineer Signature: Bob

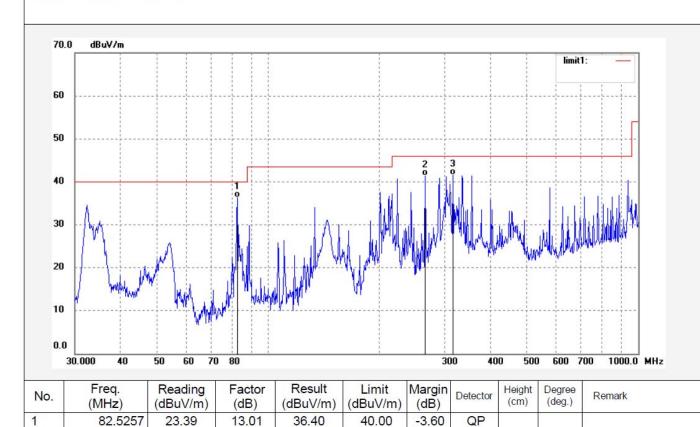
Distance: 3m

QP

QP

-4.59

-4.46



2

3



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

Job No.: Bob #4791

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: MID

Mode: Camera

Model: VX-S7001

Manufacturer: Sungworld

Polarization: Vertical

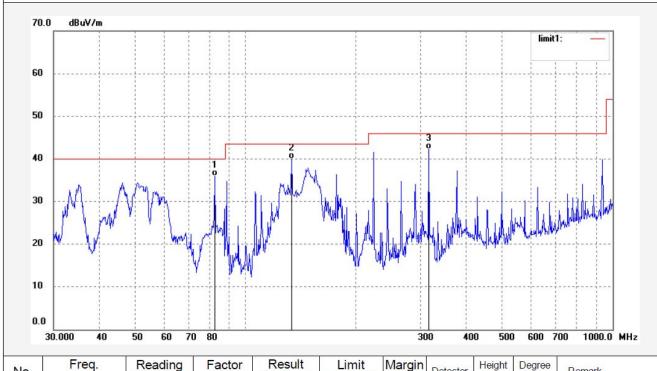
Power Source: AC 120V/60Hz

Date: 2013/02/01 Time: 11:19:40

Engineer Signature: Bob

Distance: 3m

Note: Report NO.:ATE20130171



| 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 | 22.95 | 13.01 | 35.96 | 40.00 | -4.04 | QP | | | |
| 2 | 133.5493 | 27.25 | 12.74 | 39.99 | 43.50 | -3.51 | QP | | | |
| 3 | 315.8601 | 25.02 | 17.22 | 42.24 | 46.00 | -3.76 | QP | | | |



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Job No.: Bob #4801 Standard: FCC PK Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: MID

Mode: Camera

Model: VX-S7001

Manufacturer: Sungworld

Polarization: Horizontal

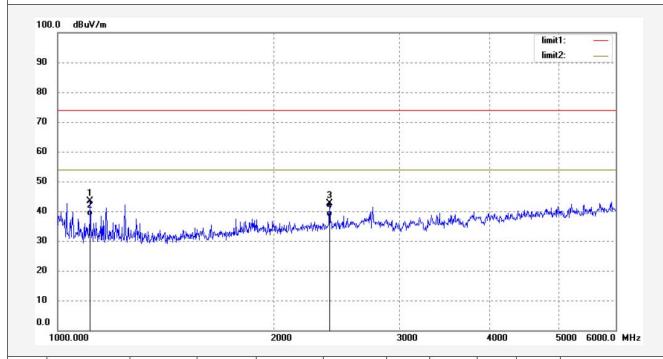
Power Source: AC 120V/60Hz

Date: 2013/02/01 Time: 10:46:36

Engineer Signature: Bob

Distance: 3m

Note: Report NO.:ATE20130171



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|----------------|------------------|----------------|--------------------|-------------------|----------------|----------|-------------|------------------|--------|
| 1 | 1110.210 | 56.02 | -12.58 | 43.44 | 74.00 | -30.56 | peak | | | |
| 2 | 1110.210 | 51.02 | -12.58 | 38.44 | 54.00 | -15.56 | AVG | | | |
| 3 | 2392.757 | 50.14 | -7.51 | 42.63 | 74.00 | -31.37 | peak | | | |
| 4 | 2392.757 | 45.55 | -7.51 | 38.04 | 54.00 | -15.96 | AVG | | | |



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Job No.: Bob #4800

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: MID

Mode: Camera

Model: VX-S7001

Manufacturer: Sungworld

Note: Report NO.:ATE20130171

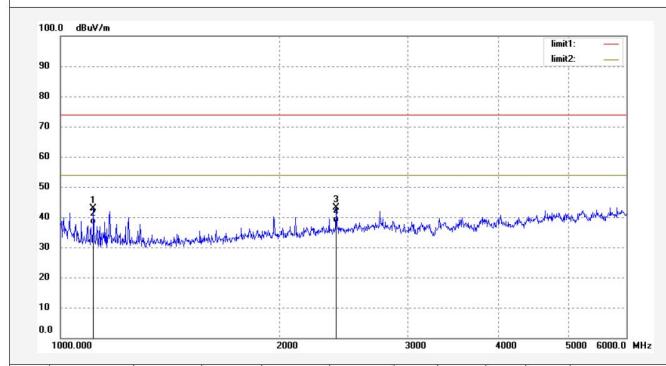
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/02/01 Time: 10:43:06

Engineer Signature: Bob

Distance: 3m



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|----------------|------------------|----------------|--------------------|-------------------|----------------|----------|-------------|------------------|--------|
| 1 | 1110.210 | 55.53 | -12.58 | 42.95 | 74.00 | -31.05 | peak | | | |
| 2 | 1110.210 | 50.13 | -12.58 | 37.55 | 54.00 | -16.45 | AVG | | | |
| 3 | 2397.074 | 50.60 | -7.48 | 43.12 | 74.00 | -30.88 | peak | | | |
| 4 | 2397.074 | 45.62 | -7.48 | 38.14 | 54.00 | -15.86 | AVG | | | |