

SHUOYING DIGITAL SCIENCE&TECHNOLOGY (CHINA) Co., Ltd.

Application
For
Certification
FCC ID: YGB-DVT513

DIGITAL VIDEO CAMERA

Model: DVT513

Computer Peripheral

Report No.: SZ12060484-1

We hereby certify that the sample of the above item is considered to comply with the requirements of FCC Part 15, Subpart C for Intentional Radiator, mention 47 CFR [10-1-11]

Prepared and Checked by:

Sign on file

Eason He
Engineer

Approved by:

Billy Li
Supervisor
Date: 25 August, 2012

- The test results reported in this test report shall refer only to the sample actually tested and shall not refer or be deemed to refer to bulk from which such a sample may be said to have been obtained.
- This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to copy or distribute this report. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.
- For Terms And Conditions of the services, it can be provided upon request.
- The evaluation data of the report will be kept for 3 years from the date of issuance.

TRF No.: FCC 15C_PC_b

Intertek Testing Services Shenzhen Ltd. Kejiyuan Branch

6F, D Block, Huahan Building, Langshan Road, Nanshan District, Shenzhen, P. R. China
Tel: (86 755) 8601 6288 Fax: (86 755) 8601 6751 Website: www.china.intertek-etalsemko.com

INTERTEK TESTING SERVICES

LIST OF EXHIBITS

INTRODUCTION

| | |
|-------------------|---------------------------|
| <i>EXHIBIT 1:</i> | General Description |
| <i>EXHIBIT 2:</i> | System Test Configuration |
| <i>EXHIBIT 3:</i> | Emission Results |
| <i>EXHIBIT 4:</i> | Equipment Photographs |
| <i>EXHIBIT 5:</i> | Product Labeling |
| <i>EXHIBIT 6:</i> | Technical Specifications |
| <i>EXHIBIT 7:</i> | Instruction Manual |
| <i>EXHIBIT 8:</i> | Miscellaneous Information |
| <i>EXHIBIT 9:</i> | Test Equipment List |

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MEASUREMENT / TECHNICAL REPORT

SHUOYING DIGITAL SCIENCE&TECHNOLOGY (CHINA) Co., Ltd.
MODEL: DVT513
FCC ID: YGB-DVT513

25 August, 2012

This report concerns (check one:) Original Grant Class II Change

Equipment Type: JBP-Class B Computing Device Peripheral

Deferred grant requested per 47 CFR 0.457(d)(1)(ii)? Yes No

If yes, defer until: _____
date

Company Name agrees to notify the Commission by: _____
date
of the intended date of announcement of the product so that the grant can be issued on
that date.

Transition Rules Request per 15.37? Yes No

If no, assumed Part 15, Subpart C for intentional radiator – the new 47 CFR [10-01-11
Edition] provision.

Report prepared by:

Billy Li
Intertek Testing Services Shenzhen Ltd.
Kejiyuan Branch
6F, D Block, Huahan Building, Langshan Road
Nanshan District, Shenzhen, P. R. China
Phone: (86 755) 8614 6645
Fax: (86 755) 8614 6751

TRF No.: FCC 15C_PC_b
FCC ID: YGB-DVT513
Report No.: SZ12060484-1

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Table of Contents

| | |
|---|----|
| 1.0 General Description | 2 |
| 1.1 Product Description..... | 2 |
| 1.2 Related Submittal(s) Grants..... | 2 |
| 1.3 Test Methodology..... | 3 |
| 1.4 Test Facility..... | 3 |
| 2.0 System Test Configuration | 5 |
| 2.1 Justification | 5 |
| 2.2 EUT Exercising Software | 5 |
| 2.3 Special Accessories | 5 |
| 2.4 Equipment Modification..... | 5 |
| 2.5 Measurement Uncertainty | 6 |
| 2.6 Support Equipment List and Description | 6 |
| 3.0 Emission Results | 8 |
| 3.1 Field Strength Calculation | 9 |
| 3.2 Radiated Emission Configuration Photograph | 11 |
| 3.3 Radiated Emission Data | 12 |
| 3.4 Conducted Emission Configuration Photograph | 17 |
| 3.5 Conducted Emission Data..... | 18 |
| 4.0 Equipment Photographs | 22 |
| 5.0 Product Labelling | 24 |
| 6.0 Technical Specifications | 26 |
| 7.0 Instruction Manual | 28 |
| 8.0 Miscellaneous Information | 30 |
| 8.1 Emissions Test Procedures | 31 |
| 9.0 Test Equipment List | 34 |

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List of attached file

| Exhibit Type | File Description | Filename |
|---------------------|----------------------------|----------------------|
| Test Report | Test Report | report.pdf |
| Test Setup Photo | Radiated photos | radiated photos.pdf |
| Test Setup Photo | Conducted photos | conducted photos.pdf |
| External Photo | External Photos | external photos.pdf |
| Internal Photo | Internal Photos | internal photos.pdf |
| Block Diagram | Block Diagram | block.pdf |
| ID Label / Location | Label Artwork and Location | label.pdf |
| User Manual | User Manual | manual.pdf |
| Cover Letter | Letter of Agency | agency.pdf |

TRF No.: FCC 15C_PC_b
FCC ID: YGB-DVT513
Report No.: SZ12060484-1

INTERTEK TESTING SERVICES

EXHIBIT 1

GENERAL DESCRIPTION

TRF No.: FCC 15C_PC_b
FCC ID: YGB-DVT513
Report No.: SZ12060484-1

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1.0 General Description

1.1 Product Description

The Equipment Under Test (EUT) is a DIGITAL VIDEO CAMERA. The device can be used to transfer data connecting PC by PC USB port. The EUT is powered by DC 3.7V Rechargeable battery and charged by PC USB port.

1.2 Related Submittal(s) Grants

This is an application for certification of a computer peripheral.

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1.3 Test Methodology

Both AC mains line-conducted and radiated emission measurements were performed according to the procedures in ANSI C63.4 (2009). Radiated emission measurement was performed in Semi-anechoic chamber and conducted emission measurement was performed in shield room. For radiated emission measurement, preliminary scans were performed in the semi-anechoic chamber only to determine the worst case modes. All radiated tests were performed at an antenna to EUT distance of 3 meters, unless stated otherwise in the "**Justification Section**" of this Application.

1.4 Test Facility

The Semi-anechoic chamber and shielding room used to collect the radiated data and conducted data are **Intertek Testing Services Shenzhen Ltd. Kejiyuan Branch** and located at 6F, D Block, Huahan Building, Langshan Road, Nanshan District, Shenzhen, P. R. China. This test facility and site measurement data have been fully placed on file with the FCC (Registration Number: 242492).

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EXHIBIT 2

SYSTEM TEST CONFIGURATION

TRF No.: FCC 15C_PC_b
FCC ID: YGB-DVT513
Report No.: SZ12060484-1

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2.0 System Test Configuration

2.1 Justification

The system was configured for testing in a typical fashion (as a customer would normally use it), and in the confines as outlined in ANSI C63.4 (2009).

The device is powered by a 3.7V fully rechargeable battery and charged by PC USB port through 120V/50Hz during the test. The worst case data was reported in this report.

For maximizing emissions, the EUT was rotated through 360°, the antenna height was varied from 1 meter to 4 meters above the ground plane, and the antenna polarization was changed. The step by step procedure for maximizing emissions led to the data reported in Exhibit 3.0.

The rear of unit shall be flushed with the rear of the table.

The equipment under test (EUT) was configured for testing in a typical fashion (as a customer would normally use it). The EUT was placed on turntable, which enabled the engineer to maximize emissions through its placement in the three orthogonal axes.

The frequency range from 30MHz to 2GHz was searched for spurious emissions from the device. Only those emissions reported were detected. All other emissions were at least 20 dB below the applicable limits.

2.2 EUT Exercising Software

There is a CD attached to exercise the device.

2.3 Special Accessories

Shielded USB cable with one ferrite ring. Un-shielded AV cable with one ferrite ring.

2.4 Equipment Modification

Any modifications installed previous to testing by SHUOYING DIGITAL SCIENCE&TECHNOLOGY (CHINA) Co., Ltd. will be incorporated in each production model sold / leased in the United States.

No modifications were installed by Intertek Testing Services Shenzhen Ltd. Kejiyuan Branch.

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2.5 Measurement Uncertainty

When determining the test conclusion, the Measurement Uncertainty of test has been considered.

2.6 Support Equipment List and Description

This product was tested in the following configuration:

Refer List:

| Description | Manufacturer | Model No. |
|---------------|--------------|--|
| Laptop | Lenovo | T61 |
| Micro SD Card | SanDisk | 406 |
| Hard Disk | Smart.drive | HD-003 |
| USB Cable | Smart.drive | shielded, Length 100cm |
| 1394 Cable | Smart.drive | shielded, Length 180cm |
| USB Cable | Shuoying | Shielded with one ferrite ring, Length 80cm |
| AV out Cable | Shuoying | Un-shielded with one ferrite ring, Length 122cm |
| Dummy Load | MTC | DL-002 |

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EXHIBIT 3

EMISSION RESULTS

TRF No.: FCC 15C_PC_b
FCC ID: YGB-DVT513
Report No.: SZ12060484-1

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3.0 Emission Results

Data is included worst case configuration (the configuration which resulted in the highest emission levels). A sample calculation, configuration photographs and data tables of the emissions are included.

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3.1 Field Strength Calculation

The field strength is calculated by adding the reading on the Spectrum Analyzer to the factors associated with preamplifiers (if any), antennas, cables, pulse desensitization and average factors (when specified limit is in average and measurements are made with peak detectors). A sample calculation is included below.

$$FS = RA + AF + CF - AG + PD + AV$$

where FS = Field Strength in $\text{dB}\mu\text{V}/\text{m}$

RA = Receiver Amplitude (including preamplifier) in $\text{dB}\mu\text{V}$

CF = Cable Attenuation Factor in dB

AF = Antenna Factor in dB

AG = Amplifier Gain in dB

PD = Pulse Desensitization in dB

AV = Average Factor in -dB

In the radiated emission table which follows, the reading shown on the data table may reflect the preamplifier gain. An example of the calculations, where the reading does not reflect the preamplifier gain, follows:

$$FS = RA + AF + CF - AG + PD + AV$$

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3.1 Field Strength Calculation (cont'd)

Example

Assume a receiver reading of 62.0dB μ V is obtained. The antenna factor of 7.4dB and cable factor of 1.6dB is added. The amplifier gain of 29dB is subtracted. The pulse desensitization factor of the spectrum analyzer was 0dB, and the resultant average factor was -10dB. The net field strength for comparison to the appropriate emission limit is 32dB μ V/m. This value in dB μ V/m was converted to its corresponding level in μ V/m.

$$RA = 62.0 \text{dB}\mu\text{V}$$

$$AF = 7.4 \text{dB}$$

$$CF = 1.6 \text{dB}$$

$$AG = 29.0 \text{dB}$$

$$PD = 0 \text{dB}$$

$$AV = -10 \text{dB}$$

$$FS = 62 + 7.4 + 1.6 - 29 + 0 + (-10) = 32 \text{dB}\mu\text{V/m}$$

$$\text{Level in } \mu\text{V/m} = \text{Common Antilogarithm } [(32 \text{dB}\mu\text{V/m})/20] = 39.8 \mu\text{V/m}$$

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3.2 Radiated Emission Configuration Photograph

**Worst Case Radiated Emission
At
156.560MHz (PC download Mode)**

For electronic filing, the worst case radiated emission configuration photograph is saved with filename: radiated photos.pdf.

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3.3 Radiated Emission Data

The data on the following page lists the significant emission frequencies, the limit and the margin of compliance. Numbers with a minus sign are below the limit.

Judgement: Passed by 5.2dB margin (PC download Mode)

TEST PERSONNEL:

Sign on file

Eason He, Engineer
Typed/Printed Name

25 August, 2012
Date

INTERTEK TESTING SERVICES

Company: SHUOYING DIGITAL SCIENCE&TECHNOLOGY (CHINA) Co., Ltd.

Date of Test: 25 August, 2012

Model: DVT513

Worst Operating Mode: PC Download

Radiated Emissions (30MHz~2GHz)

| Polarization | Frequency (MHz) | Reading (dB μ V) | Pre-Amp Gain (dB) | Antenna Factor (dB) | Net at 3m (dB μ V/m) | Limit at 3m (dB μ V/m) | Margin (dB) |
|--------------|-----------------|----------------------|-------------------|---------------------|--------------------------|----------------------------|-------------|
| Horizontal | 143.556 | 46.1 | 20.0 | 8.3 | 34.4 | 43.5 | -9.1 |
| Horizontal | 156.560 | 48.6 | 20.0 | 9.7 | 38.3 | 43.5 | -5.2 |
| Horizontal | 469.760 | 41.7 | 20.0 | 18.0 | 39.7 | 46.0 | -6.3 |
| Vertical | 156.620 | 42.4 | 20.0 | 9.7 | 32.1 | 43.5 | -11.4 |
| Vertical | 182.775 | 38.9 | 20.0 | 9.4 | 28.3 | 43.5 | -15.2 |
| Vertical | 652.740 | 39.7 | 20.0 | 20.8 | 40.5 | 46.0 | -5.5 |
| Vertical | 1825.320 | 37.3 | 20.0 | 30.0 | 47.3 | 54.0 | -6.7 |

NOTES:

1. Quasi-Peak detector is used for frequency up to 1GHz. Peak detector is used for frequency above 1GHz.
2. All measurements were made at 3 meters. Harmonic emissions not detected at the 3 meter distances were measured at 0.3- meter and an inverse proportional extrapolation was performed to compare the signal level to the 3 meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. All emissions up to 1GHz are below the QP limit. All emissions above 1GHz are below the AV limit.

Test Engineer: Eason He

INTERTEK TESTING SERVICES

Company: SHUOYING DIGITAL SCIENCE&TECHNOLOGY (CHINA) Co., Ltd.

Date of Test: 25 August, 2012

Model: DVT513

Operating Mode: Play back

Radiated Emissions (30MHz~2GHz)

| Polarization | Frequency (MHz) | Reading (dB μ V) | Pre-Amp Gain (dB) | Antenna Factor (dB) | Net at 3m (dB μ V/m) | Limit at 3m (dB μ V/m) | Margin (dB) |
|--------------|-----------------|----------------------|-------------------|---------------------|--------------------------|----------------------------|-------------|
| Horizontal | 156.560 | 38.7 | 20.0 | 9.7 | 28.4 | 43.5 | -15.1 |
| Horizontal | 443.705 | 33.8 | 20.0 | 17.7 | 31.5 | 46.0 | -14.5 |
| Horizontal | 913.670 | 32.8 | 20.0 | 25.1 | 37.9 | 46.0 | -8.1 |
| Vertical | 156.585 | 37.2 | 20.0 | 9.7 | 26.9 | 43.5 | -16.6 |
| Vertical | 548.000 | 33.0 | 20.0 | 19.1 | 32.1 | 46.0 | -13.9 |
| Vertical | 966.050 | 29.1 | 20.0 | 26.3 | 35.4 | 54.0 | -18.6 |
| Vertical | 1422.000 | 37.5 | 20.0 | 27.8 | 45.3 | 54.0 | -8.7 |

NOTES:

1. Quasi-Peak detector is used for frequency up to 1GHz. Peak detector is used for frequency above 1GHz.
2. All measurements were made at 3 meters. Harmonic emissions not detected at the 3 meter distances were measured at 0.3- meter and an inverse proportional extrapolation was performed to compare the signal level to the 3 meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. All emissions up to 1GHz are below the QP limit. All emissions above 1GHz are below the AV limit.

Test Engineer: Eason He

TRF No.: FCC 15C_PC_b

FCC ID: YGB-DVT513

Report No.: SZ12060484-1

INTERTEK TESTING SERVICES

Company: SHUOYING DIGITAL SCIENCE&TECHNOLOGY (CHINA) Co., Ltd.

Date of Test: 25 August, 2012

Model: DVT513

Operating Mode: AV Out

Radiated Emissions (30MHz~2GHz)

| Polarization | Frequency (MHz) | Reading (dB μ V) | Pre-Amp Gain (dB) | Antenna Factor (dB) | Net at 3m (dB μ V/m) | Limit at 3m (dB μ V/m) | Margin (dB) |
|--------------|-----------------|----------------------|-------------------|---------------------|--------------------------|----------------------------|-------------|
| Horizontal | 208.480 | 40.3 | 20.0 | 8.4 | 28.7 | 43.5 | -14.8 |
| Horizontal | 339.430 | 44.2 | 20.0 | 15.4 | 39.6 | 46.0 | -6.4 |
| Horizontal | 365.800 | 44.6 | 20.0 | 15.7 | 40.3 | 46.0 | -5.7 |
| Vertical | 220.420 | 48.9 | 20.0 | 9.2 | 38.1 | 46.0 | -7.9 |
| Vertical | 652.740 | 35.4 | 20.0 | 20.8 | 36.2 | 46.0 | -9.8 |
| Vertical | 966.050 | 29.8 | 20.0 | 26.3 | 36.1 | 54.0 | -17.9 |
| Vertical | 1452.320 | 39.1 | 20.0 | 28.9 | 48.0 | 54.0 | -6.0 |

NOTES:

1. Quasi-Peak detector is used for frequency up to 1GHz. Peak detector is used for frequency above 1GHz.
2. All measurements were made at 3 meters. Harmonic emissions not detected at the 3 meter distances were measured at 0.3- meter and an inverse proportional extrapolation was performed to compare the signal level to the 3 meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. All emissions up to 1GHz are below the QP limit. All emissions above 1GHz are below the AV limit.

Test Engineer: Eason He

INTERTEK TESTING SERVICES

Company: SHUOYING DIGITAL SCIENCE&TECHNOLOGY (CHINA) Co., Ltd.

Date of Test: 25 August, 2012

Model: DVT513

Operating Mode: Video play

Radiated Emissions (30MHz~2GHz)

| Polarization | Frequency (MHz) | Reading (dB μ V) | Pre-Amp Gain (dB) | Antenna Factor (dB) | Net at 3m (dB μ V/m) | Limit at 3m (dB μ V/m) | Margin (dB) |
|--------------|-----------------|----------------------|-------------------|---------------------|--------------------------|----------------------------|-------------|
| Horizontal | 130.400 | 42.6 | 20.0 | 7.7 | 30.3 | 43.5 | -13.2 |
| Horizontal | 652.740 | 34.3 | 20.0 | 20.8 | 35.1 | 46.0 | -10.9 |
| Horizontal | 966.050 | 30.6 | 20.0 | 26.3 | 36.9 | 54.0 | -17.1 |
| Vertical | 130.520 | 37.9 | 20.0 | 7.7 | 25.6 | 43.5 | -17.9 |
| Vertical | 156.585 | 34.4 | 20.0 | 9.7 | 24.1 | 43.5 | -19.4 |
| Vertical | 652.680 | 34.6 | 20.0 | 20.8 | 35.4 | 46.0 | -10.6 |
| Vertical | 1745.220 | 40.4 | 20.0 | 27.8 | 48.2 | 54.0 | -5.8 |

NOTES:

1. Quasi-Peak detector is used for frequency up to 1GHz. Peak detector is used for frequency above 1GHz.
2. All measurements were made at 3 meters. Harmonic emissions not detected at the 3 meter distances were measured at 0.3- meter and an inverse proportional extrapolation was performed to compare the signal level to the 3 meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. All emissions up to 1GHz are below the QP limit. All emissions above 1GHz are below the AV limit.

Test Engineer: Eason He

TRF No.: FCC 15C_PC_b

FCC ID: YGB-DVT513

Report No.: SZ12060484-1

INTERTEK TESTING SERVICES

3.4 Conducted Emission Configuration Photograph

Worst Case Live-Conducted Configuration
at
0.158 MHz (PC Download Mode)

For electronic filing, the worst case conducted emission configuration photograph is saved with filename: conducted photos.pdf.

INTERTEK TESTING SERVICES

3.5 Conducted Emission Data

Judgement: Passed by 8.4 dB margin (PC Download Mode)

TEST PERSONNEL:

Sign on file

Eason He, Engineer
Typed/Printed Name

25 August, 2012
Date

INTERTEK TESTING SERVICES

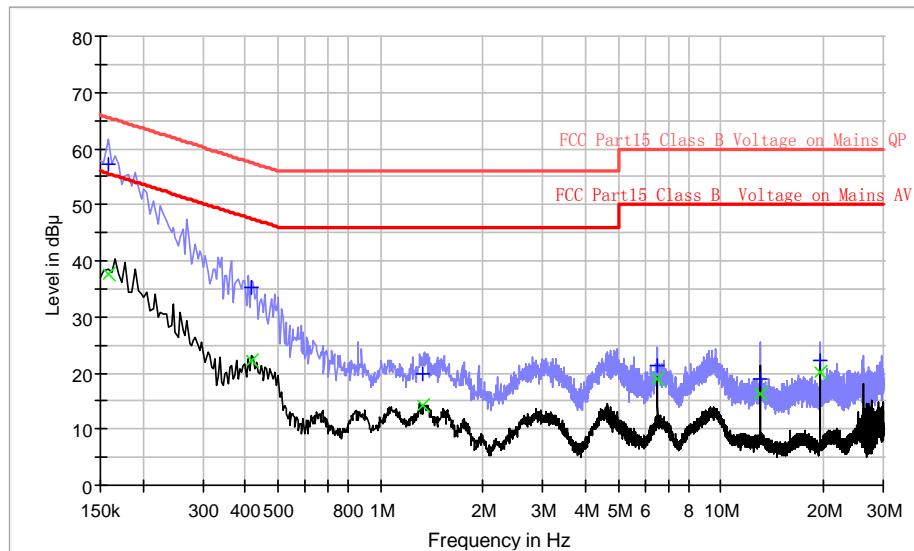
Company: SHUOYING DIGITAL SCIENCE&TECHNOLOGY (CHINA) Co., Ltd.

Date of Test: 25 August, 2012

Model: DVT513

Worst Operating Mode: PC Download

Conducted Emission Test - FCC



Result Table QP

| Frequency (MHz) | QuasiPeak (dB μV) | Line | Corr. (dB) | Margin (dB) | Limit (dB μV) |
|-----------------|-------------------|------|------------|-------------|---------------|
| 0.158 | 57.2 | L1 | 9.6 | 8.4 | 65.6 |
| 0.418 | 35.2 | L1 | 9.6 | 22.3 | 57.5 |
| 1.334 | 19.8 | L1 | 9.7 | 36.2 | 56.0 |
| 6.526 | 21.2 | L1 | 9.8 | 38.8 | 60.0 |
| 13.054 | 19.1 | L1 | 10.2 | 40.9 | 60.0 |
| 19.574 | 22.2 | L1 | 10.2 | 37.8 | 60.0 |

Result Table AV

| Frequency (MHz) | Average (dB μV) | Line | Corr. (dB) | Margin (dB) | Limit (dB μV) |
|-----------------|-----------------|------|------------|-------------|---------------|
| 0.158 | 37.5 | L1 | 9.6 | 18.1 | 55.6 |
| 0.418 | 22.3 | L1 | 9.6 | 25.2 | 47.5 |
| 1.334 | 14.2 | L1 | 9.7 | 31.8 | 46.0 |
| 6.526 | 19.0 | L1 | 9.8 | 31.0 | 50.0 |
| 13.054 | 16.4 | L1 | 10.2 | 33.6 | 50.0 |
| 19.574 | 20.1 | L1 | 10.2 | 29.9 | 50.0 |

Test Engineer: Eason He

TRF No.: FCC 15C_PC_b

FCC ID: YGB-DVT513

Report No.: SZ12060484-1

INTERTEK TESTING SERVICES

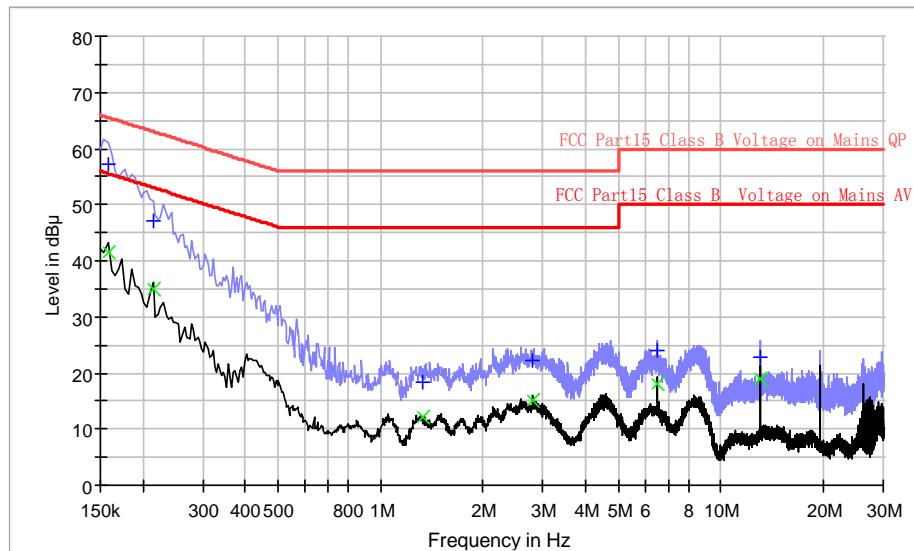
Company: SHUOYING DIGITAL SCIENCE&TECHNOLOGY (CHINA) Co., Ltd.

Date of Test: 25 August, 2012

Model: DVT513

Worst Operating Mode: PC Download

Conducted Emission Test - FCC



Result Table QP

| Frequency (MHz) | QuasiPeak (dB μV) | Line | Corr. (dB) | Margin (dB) | Limit (dB μV) |
|-----------------|-------------------|------|------------|-------------|---------------|
| 0.158 | 57.1 | N | 9.6 | 8.5 | 65.6 |
| 0.214 | 47.2 | N | 9.6 | 15.8 | 63.0 |
| 1.334 | 18.3 | N | 9.7 | 37.7 | 56.0 |
| 2.810 | 22.1 | N | 9.7 | 33.9 | 56.0 |
| 6.526 | 24.1 | N | 9.9 | 35.9 | 60.0 |
| 13.050 | 22.8 | N | 10.2 | 37.2 | 60.0 |

Result Table AV

| Frequency (MHz) | Average (dB μV) | Line | Corr. (dB) | Margin (dB) | Limit (dB μV) |
|-----------------|-----------------|------|------------|-------------|---------------|
| 0.158 | 41.4 | N | 9.6 | 14.2 | 55.6 |
| 0.214 | 35.1 | N | 9.6 | 17.9 | 53.0 |
| 1.334 | 12.1 | N | 9.7 | 33.9 | 46.0 |
| 2.810 | 15.2 | N | 9.7 | 30.8 | 46.0 |
| 6.526 | 18.2 | N | 9.9 | 31.8 | 50.0 |
| 13.050 | 18.9 | N | 10.2 | 31.1 | 50.0 |

Test Engineer: Eason He

TRF No.: FCC 15C_PC_b

FCC ID: YGB-DVT513

Report No.: SZ12060484-1

INTERTEK TESTING SERVICES

EXHIBIT 4

EQUIPMENT PHOTOGRAPHS

TRF No.: FCC 15C_PC_b
FCC ID: YGB-DVT513
Report No.: SZ12060484-1

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4.0 Equipment Photographs

For electronic filing, photographs of the tested EUT are saved with filename: external photos.pdf and internal photos.pdf.

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EXHIBIT 5

PRODUCT LABELLING

TRF No.: FCC 15C_PC_b
FCC ID: YGB-DVT513
Report No.: SZ12060484-1

INTERTEK TESTING SERVICES

5.0 Product Labelling

For electronics filing, the FCC ID label artwork and the label location are saved with filename: label.pdf.

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EXHIBIT 6

TECHNICAL SPECIFICATIONS

TRF No.: FCC 15C_PC_b
FCC ID: YGB-DVT513
Report No.: SZ12060484-1

INTERTEK TESTING SERVICES

6.0 Technical Specifications

For electronic filing, the block diagram of the tested EUT is saved with filename: block.pdf.

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EXHIBIT 7

INSTRUCTION MANUAL

TRF No.: FCC 15C_PC_b
FCC ID: YGB-DVT513
Report No.: SZ12060484-1

INTERTEK TESTING SERVICES

7.0 Instruction Manual

For electronic filing, a preliminary copy of the Instruction Manual is saved with filename: manual.pdf.

This manual will be provided to the end-user with each unit sold / leased in the United States.

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EXHIBIT 8

MISCELLANEOUS INFORMATION

TRF No.: FCC 15C_PC_b
FCC ID: YGB-DVT513
Report No.: SZ12060484-1

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8.0 **Miscellaneous Information**

This miscellaneous information includes emission measuring procedure.

INTERTEK TESTING SERVICES

8.1 Emissions Test Procedures

The following is a description of the test procedure used by Intertek Testing Services in the measurements of computer peripheral operating under Part 15, Subpart B rules.

The test set-up and procedures described below are designed to meet the requirements of ANSI C63.4 – 2009.

The computer peripheral equipment under test (EUT) is placed on a wooden turntable which is four feet in diameter and approximately one meter in height above the ground plane. During the radiated emissions test, the turntable is rotated and any cables leaving the EUT are manipulated to find the configuration resulting in maximum emissions. The antenna height and polarization are varied during the testing to search for maximum signal levels. The height of the antenna is varied from one to four meters.

Detector function for radiated emissions are in QP mode from the frequency band 30MHz to 1GHz with RBW setting 120kHz. Detector function for radiated emissions are in PK&AV mode from the frequency band above 1GHz with RBW setting 1MHz. Detector function for conducted emissions are in QP & AV mode and IFBW setting is 9kHz from the frequency band 150kHz to 30MHz.

For radiated emission, the frequency range scanned is 30MHz to 2GHz. For line-conducted emissions, the range scanned is 150kHz to 30MHz.

INTERTEK TESTING SERVICES

8.1 Emissions Test Procedures (cont'd)

The EUT is warmed up for 15 minutes prior to the test.

Conducted measurements are made as described in ANSI C63.4 – 2009.

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EXHIBIT 9

TEST EQUIPMENT LIST

TRF No.: FCC 15C_PC_b
FCC ID: YGB-DVT513
Report No.: SZ12060484-1

INTERTEK TESTING SERVICES

9.0 Test Equipment List

| Equipment No. | Equipment | Manufacturer | Model No. | Serial No. | Cal. Date | Due Date |
|---------------|--------------------|--------------|-------------|------------|-----------|-----------|
| SZ061-03 | BiConiLog Antenna | ETS | 3142C | 00066460 | 30-Jun-12 | 30-Jun-13 |
| SZ185-01 | EMI Receiver | R&S | ESCI | 100547 | 11-Mar-12 | 11-Mar-13 |
| SZ188-01 | Anechoic Chamber | ETS | RFD-F/A-100 | 4102 | 03-Mar-12 | 03-Mar-13 |
| SZ185-02 | EMI Test Receiver | R&S | ESCI | 100692 | 12-Nov-11 | 12-Nov-12 |
| SZ187-01 | Two-Line V-Network | R&S | ENV216 | 100072 | 12-Nov-11 | 12-Nov-12 |
| SZ188-03 | Shielding Room | ETS | RFD-100 | 4100 | 16-Sep-11 | 16-Sep-12 |