

**TTE Technology, Inc.**

Application  
For  
Certification  
**FCC ID: W8U40S305**

**LCD TV**

**Model: 40S301**

**Additional Models: 40S303, 40S305, 40S307, 40S301-MX, 40S303-MX, 40S305-MX, 40S307-MX, 40S30\*, 40S30\*-MX("\*"=any number, alphabet or character presents different appearance including color, silk-screen or decorative part)**

**Brand Name: TCL**

Computer Peripheral

Report No.: 161215013SZN-002

Prepared and Checked by:

Approved by:

Sign on file

Robert Li  
Senior Project Engineer

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Kidd Yang  
Senior Project Engineer  
Date: December 29, 2016

- 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.
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- The evaluation data of the report will be kept for 3 years from the date of issuance.

TRF No.: FCC 15C\_PC\_b

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# INTERTEK TESTING SERVICES

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### *INTRODUCTION*

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# INTERTEK TESTING SERVICES

## MEASUREMENT / TECHNICAL REPORT

TTE Technology, Inc.

MODEL: 40S301

**Additional Models: 40S303, 40S305, 40S307, 40S301-MX, 40S303-MX, 40S305-MX, 40S307-MX, 40S30\*, 40S30\*-MX ("\*"=any number, alphabet or character presents different appearance including color, silk-screen or decorative part)**

**FCC ID: W8U40S305**

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 B for unintentional radiator – the new 47 CFR [10-01-15 Edition] provision.

Report prepared by:

Robert Li  
Intertek Testing Services Shenzhen Ltd.  
Kejiyuan Branch  
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TRF No.: FCC 15C\_PC\_b  
FCC ID: W8U40S305  
Report No.: 161215013SZN-002

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# INTERTEK TESTING SERVICES

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## INTERTEK TESTING SERVICES

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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        | Confidential Letter        | request.pdf          |
| Cover Letter        | Letter of Agency           | agency.pdf           |

# INTERTEK TESTING SERVICES

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## EXHIBIT 1

### GENERAL DESCRIPTION

# INTERTEK TESTING SERVICES

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## 1.0 General Description

### 1.1 Product Description

The Equipment Under Test (EUT) is a LCD TV. The device can be used to connect PC by HDMI port. The EUT is powered by AC 120V, 60Hz, 75W. The EUT contains a module which can be operated in the frequency band of 2412MHz to 2462MHz in 802.11b, 802.11g and 802.11n-HT20 modes, 2422MHz to 2452MHz in 802.11n-HT40 mode, and 5180MHz to 5240MHz, 5745MHz to 5825MHz in 802.11a and 802.11n (20MHz, 40MHz, 80MHz) modes.

The Model: 40S303, 40S305, 40S307, 40S301-MX, 40S303-MX, 40S305-MX, 40S307-MX, **40S30\***, **40S30\*-MX** ("\*"=any number, alphabet or character presents different appearance including color, silk-screen or decorative part) are the same as the Model: 40S301 in hardware and electrical aspect. The models are difference in packaging and marketing purpose only.

### 1.2 Related Submittal(s) Grants

This is an application for certification of a computer peripheral. Other digital functions were reported in the verification report: 161215013SZN-001.

The host contains a WIFI module, which has been granted under the FCC ID: 2AC23-WC0FR2601.

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## INTERTEK TESTING SERVICES

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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 (2014). 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 shield room used to collect the conducted data is **Intertek Testing Services Shenzhen Ltd. Kejiyuan Branch** and located at 6F, Block D, 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).

The Semi-anechoic chamber used to collect the radiated data is **EMTEK (Shenzhen) Co., Ltd.** and located at Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052, China. This test facility and site measurement data have been fully placed on file with the FCC (Registration Number: 406365).



**INTERTEK TESTING SERVICES**

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**EXHIBIT 2**

**SYSTEM TEST CONFIGURATION**

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## INTERTEK TESTING SERVICES

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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 (2014).

The device was powered by AC 120V/60Hz during the test. The host device contains a WiFi module which was installed and operating during the test. Only 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 was 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 turn table, which enabled the engineer to maximize emissions through its placement in the three orthogonal axes.

The frequency range from 30MHz to 29.125GHz 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

N/A

#### 2.3 Special Accessories

N/A

#### 2.4 Equipment Modification

Any modifications installed previous to testing by TTE Technology, Inc. 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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## INTERTEK TESTING SERVICES

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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            | HP           | ProBook 5220m            |
| Laptop            | LENOVO       | X1                       |
| Hard Disk         | Smart.drive  | HD-003                   |
| RJ45 Cable        | N/A          | Unshielded, Length 450cm |
| USB Cable         | Smart.drive  | Unshielded, Length 155cm |
| USB Memory        | TOSHIBA      | UHYBS-004G-BL            |
| Dummy Load        | N/A          | N/A                      |
| HDMI Cable*3      | N/A          | UnShielded, Length 180cm |
| AV Cable          | N/A          | Unshielded, Length 120cm |
| Headphone         | N/A          | Unshielded, Length 120cm |
| Tuner Resister    | N/A          | 75ohm                    |
| Remote controller | TCL          | N/A                      |

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**EXHIBIT 3**  
**EMISSION RESULTS**

## INTERTEK TESTING SERVICES

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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.

## INTERTEK TESTING SERVICES

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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.

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

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

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

CF = Cable Attenuation Factor in dB

AF = Antenna Factor in dB/m

AG = Amplifier Gain 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:

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

## INTERTEK TESTING SERVICES

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### 3.1 Field Strength Calculation (cont'd)

#### Example

Assume a receiver reading of 62.0dB $\mu$ V is obtained. The antenna factor of 7.4dB/m and cable factor of 1.6dB is added. The amplifier gain of 29dB is subtracted. The net field strength for comparison to the appropriate emission limit is 42dB $\mu$ V/m. This value in dB $\mu$ V/m was converted to its corresponding level in  $\mu$ V/m.

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

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

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

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

$$FS = 62 + 7.4 + 1.6 - 29 = 42\text{dB}\mu\text{V/m}$$

$$\text{Level in } \mu\text{V/m} = \text{Common Antilogarithm} [(42\text{dB}\mu\text{V/m})/20] = 125.9\mu\text{V/m}$$

## INTERTEK TESTING SERVICES

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### 3.2 Radiated Emission Configuration Photograph

Worst Case Radiated Emission  
At  
184.2300MHz (HDMI In Mode)

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



## INTERTEK TESTING SERVICES

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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 3.4dB margin (HDMI In Mode)

#### **TEST PERSONNEL:**

*Sign on file*

Robert Li, Senior Project Engineer  
*Typed/Printed Name*

December 22, 2016  
*Date*

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TRF No.: FCC 15C\_PC\_b  
FCC ID: W8U40S305  
Report No.: 161215013SZN-002

## INTERTEK TESTING SERVICES

Company: TTE Technology, Inc.  
Date of Test: December 22, 2016  
Model: 40S301  
Operating Mode: HDMI In

**Table 1**

### Radiated Emissions

| Polarization | Frequency (MHz) | Reading (dB $\mu$ V) | Pre-Amp Gain (dB) | Antenna Factor (dB) | Net at 3m (dB $\mu$ V/m) | Limit at 3m (dB $\mu$ V/m) | Margin (dB) |
|--------------|-----------------|----------------------|-------------------|---------------------|--------------------------|----------------------------|-------------|
| Horizontal   | 148.340         | 42.3                 | 20.0              | 16.7                | 39.0                     | 43.5                       | -4.5        |
| Horizontal   | 184.230         | 45.3                 | 20.0              | 14.8                | 40.1                     | 43.5                       | -3.4        |
| Horizontal   | 296.750         | 39.7                 | 20.0              | 21.2                | 40.9                     | 46.0                       | -5.1        |
| Horizontal   | 741.980         | 33.8                 | 20.0              | 28.2                | 42.0                     | 46.0                       | -4.0        |
| Horizontal   | 9602.000        | 34.7                 | 20.0              | 32.5                | 47.2                     | 54.0                       | -6.8        |
| Horizontal   | 12798.000       | 29.6                 | 20.0              | 35.5                | 45.1                     | 54.0                       | -8.9        |
| Horizontal   | 25573.500       | 29.1                 | 20.0              | 36.2                | 45.3                     | 54.0                       | -8.7        |
| Horizontal   | 29000.500       | 22.8                 | 20.0              | 42.1                | 44.9                     | 54.0                       | -9.1        |
| Vertical     | 148.340         | 43.2                 | 20.0              | 16.7                | 39.9                     | 43.5                       | -3.6        |
| Vertical     | 179.380         | 42.4                 | 20.0              | 16.7                | 39.1                     | 43.5                       | -4.4        |
| Vertical     | 593.570         | 44.3                 | 20.0              | 14.7                | 39.0                     | 46.0                       | -7.0        |
| Vertical     | 741.980         | 33.9                 | 20.0              | 27.0                | 40.9                     | 46.0                       | -5.1        |
| Vertical     | 890.390         | 34.3                 | 20.0              | 27.7                | 42.0                     | 46.0                       | -4.0        |
| Vertical     | 6457.000        | 35.4                 | 20.0              | 31.9                | 47.3                     | 54.0                       | -6.7        |
| Vertical     | 7868.000        | 25.5                 | 20.0              | 35.0                | 40.5                     | 54.0                       | -13.5       |
| Vertical     | 17218.000       | 24.4                 | 20.0              | 36.8                | 41.2                     | 54.0                       | -12.8       |
| Vertical     | 24978.000       | 22.6                 | 20.0              | 42.0                | 44.6                     | 54.0                       | -9.4        |

#### NOTES:

1. Quasi-Peak detector is used for frequency up to 1GHz and Peak detector is used for frequency from 1GHz to 29.125GHz.
2. All measurements were made at 3 meters.
3. Negative value in the margin column shows emission below limit.
4. All emissions up to 1GHz are below the QP limit and all emissions between 1GHz to 29.125GHz are below the AV limit.

Test Engineer: Robert Li

TRF No.: FCC 15C\_PC\_b  
FCC ID: W8U40S305  
Report No.: 161215013SZN-002

## INTERTEK TESTING SERVICES

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- 3.4 Conducted Emission at Mains Terminal
- 3.5 Conducted Emission Configuration Photograph

Worst Case Conducted Configuration  
at  
0.238 MHz(HDMI In Mode)

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

## INTERTEK TESTING SERVICES

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### 3.6 Conducted Emission Data

Judgement: Passed by 8.4 dB margin(HDMI In Mode)

#### **TEST PERSONNEL:**

*Sign on file*

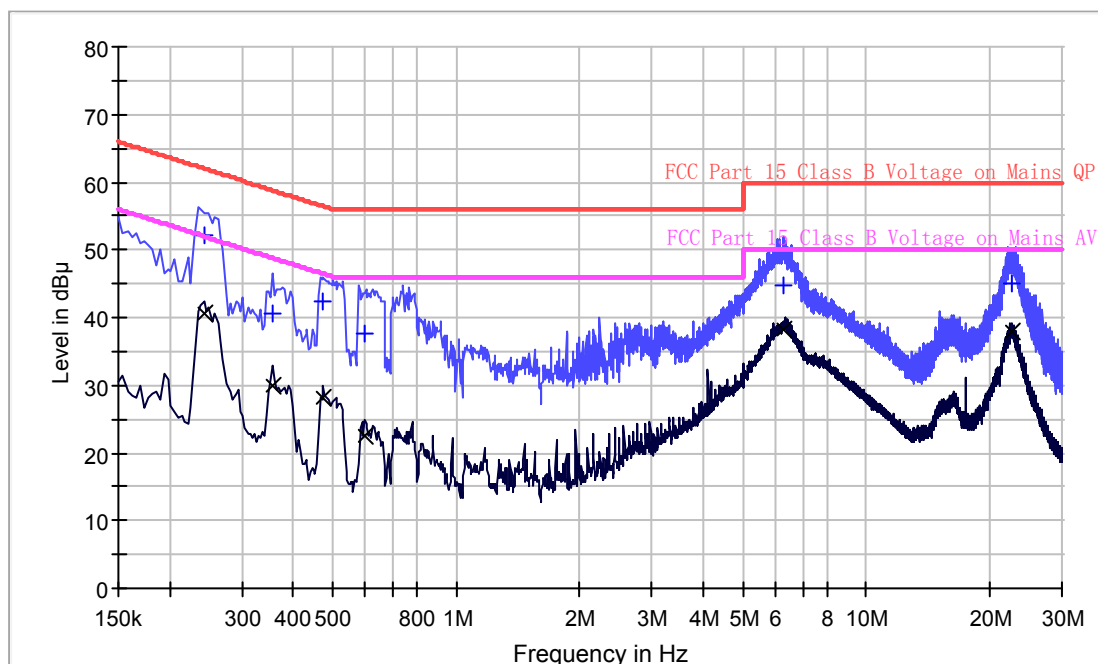
Robert Li, Senior Project Engineer  
*Typed/Printed Name*

December 28, 2016  
*Date*

## INTERTEK TESTING SERVICES

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Company: TTE Technology, Inc.  
 Date of Test: December 28, 2016  
 Model: 40S301  
 Operating Mode: HDMI In  
 Phase: Live  
**Conducted Emission Test - FCC**



### Limit and Margin QP

| Frequency (MHz) | QuasiPeak (dB $\mu$ V) | Line | Corr. (dB) | Margin (dB) | Limit (dB $\mu$ V) |
|-----------------|------------------------|------|------------|-------------|--------------------|
| 0.242000        | 52.2                   | L1   | 9.7        | 9.8         | 62.0               |
| 0.358000        | 40.7                   | L1   | 9.7        | 18.1        | 58.8               |
| 0.474000        | 42.4                   | L1   | 9.7        | 14.0        | 56.4               |
| 0.598000        | 37.6                   | L1   | 9.7        | 18.4        | 56.0               |
| 6.302000        | 44.7                   | L1   | 9.8        | 15.3        | 60.0               |
| 22.658000       | 44.9                   | L1   | 10.6       | 15.1        | 60.0               |

### Limit and Margin AV

| Frequency (MHz) | Average (dB $\mu$ V) | Line | Corr. (dB) | Margin (dB) | Limit (dB $\mu$ V) |
|-----------------|----------------------|------|------------|-------------|--------------------|
| 0.242000        | 40.6                 | L1   | 9.7        | 11.4        | 52.0               |
| 0.358000        | 29.8                 | L1   | 9.7        | 19.0        | 48.8               |
| 0.474000        | 28.3                 | L1   | 9.7        | 18.1        | 46.4               |
| 0.598000        | 22.4                 | L1   | 9.7        | 23.6        | 46.0               |
| 6.302000        | 38.2                 | L1   | 9.8        | 11.8        | 50.0               |
| 22.658000       | 37.8                 | L1   | 10.6       | 12.2        | 50.0               |

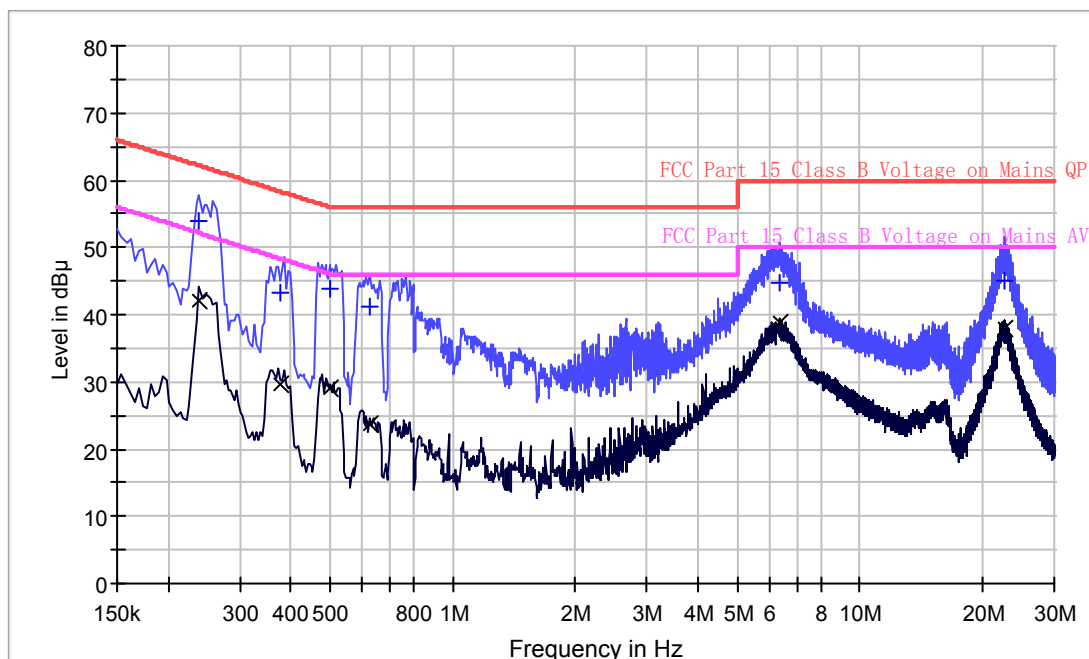
Test Engineer: Robert Li

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TRF No.: FCC 15C\_PC\_b  
 FCC ID: W8U40S305  
 Report No.: 161215013SZN-002

## INTERTEK TESTING SERVICES

Company: TTE Technology, Inc.  
 Date of Test: December 28, 2016  
 Model: 40S301  
 Operating Mode: HDMI In  
 Phase: Neutral  
**Conducted Emission Test - FCC**



### Limit and Margin QP

| Frequency (MHz) | QuasiPeak (dB $\mu$ V) | Line | Corr. (dB) | Margin (dB) | Limit (dB $\mu$ V) |
|-----------------|------------------------|------|------------|-------------|--------------------|
| 0.238000        | 53.8                   | N    | 9.7        | 8.4         | 62.2               |
| 0.347000        | 43.2                   | N    | 9.7        | 15.1        | 58.3               |
| 0.498000        | 43.8                   | N    | 9.7        | 12.2        | 56.0               |
| 0.626000        | 41.3                   | N    | 9.7        | 14.7        | 56.0               |
| 6.362000        | 44.8                   | N    | 9.8        | 15.2        | 60.0               |
| 22.570000       | 45.0                   | N    | 10.5       | 15.0        | 60.0               |

### Limit and Margin AV

| Frequency (MHz) | Average (dB $\mu$ V) | Line | Corr. (dB) | Margin (dB) | Limit (dB $\mu$ V) |
|-----------------|----------------------|------|------------|-------------|--------------------|
| 0.238000        | 42.2                 | N    | 9.7        | 10.0        | 52.2               |
| 0.347000        | 29.5                 | N    | 9.7        | 18.8        | 48.3               |
| 0.498000        | 29.1                 | N    | 9.7        | 16.9        | 46.0               |
| 0.626000        | 23.6                 | N    | 9.7        | 22.4        | 46.0               |
| 6.362000        | 38.8                 | N    | 9.8        | 11.2        | 50.0               |
| 22.570000       | 37.8                 | N    | 10.5       | 12.2        | 50.0               |

Test Engineer: Robert Li

TRF No.: FCC 15C\_PC\_b  
 FCC ID: W8U40S305  
 Report No.: 161215013SZN-002

**INTERTEK TESTING SERVICES**

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**EXHIBIT 4**  
**EQUIPMENT PHOTOGRAPHS**

## INTERTEK TESTING SERVICES

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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.



**INTERTEK TESTING SERVICES**

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**EXHIBIT 5**  
**PRODUCT LABELLING**

## INTERTEK TESTING SERVICES

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### 5.0 Product Labelling

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

**INTERTEK TESTING SERVICES**

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**EXHIBIT 6**  
**TECHNICAL SPECIFICATIONS**

## INTERTEK TESTING SERVICES

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### 6.0 Technical Specifications

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

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**INTERTEK TESTING SERVICES**

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**EXHIBIT 7**  
**INSTRUCTION MANUAL**

## INTERTEK TESTING SERVICES

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### 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.

**INTERTEK TESTING SERVICES**

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**EXHIBIT 8**

**MISCELLANEOUS INFORMATION**

## INTERTEK TESTING SERVICES

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### 8.0 Miscellaneous Information

This miscellaneous information includes emission measuring procedure.



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## INTERTEK TESTING SERVICES

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### 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 – 2014.

The computer peripheral equipment under test (EUT) is placed on a styrene turntable which is four feet in diameter and approximately 0.8 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 and in PK & AV mode from frequency band 1GHz to 29.125GHz 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 29.125GHz. For line-conducted emissions, the range scanned is 150kHz to 30MHz with RBW setting 9KHz.

## INTERTEK TESTING SERVICES

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### 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 – 2014.

**INTERTEK TESTING SERVICES**

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**EXHIBIT 9**  
**TEST EQUIPMENT LIST**

## INTERTEK TESTING SERVICES

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### 9.0 Test Equipment List

For Radiated Emission test

| Equipment No. | Equipment         | Manufacturer    | Model No.              | Serial No.                          | Cal. Date   | Due Date    |
|---------------|-------------------|-----------------|------------------------|-------------------------------------|-------------|-------------|
| EE089         | EMI Test Receiver | Rohde & Schwarz | ESU                    | 1302.600<br>5.26                    | 17-May-2016 | 17-May-2017 |
| EE040         | Pre-Amplifier     | HP              | 8447F                  | 2944A07<br>999                      | 17-May-2016 | 17-May-2017 |
| EE043         | Bilog Antenna     | Schwarzbeck     | VULB916<br>3           | 142                                 | 17-May-2016 | 17-May-2017 |
| EE147         | Cable             | Schwarzbeck     | AK9513                 | ACRX1                               | 17-May-2016 | 17-May-2017 |
| EE169         | Cable             | Rosenberger     | N/A                    | FP2RX2                              | 17-May-2016 | 17-May-2017 |
| EE168         | Cable             | Schwarzbeck     | AK9513                 | CRPX1                               | 29-May-2016 | 29-May-2017 |
| EE170         | Cable             | Schwarzbeck     | AK9513                 | CRRX2                               | 29-May-2016 | 29-May-2017 |
| EE096         | Pre-Amplifier     | A.H.            | PAM-<br>0126           | 1415261                             | 17-May-2016 | 17-May-2017 |
| EE094         | Horn Antenna      | Schwarzbeck     | BBHA<br>9120           | 707                                 | 29-May-2016 | 29-May-2017 |
| EE097         | Cable             | H+B             | 0.5M<br>SF104-<br>26.5 | 289147/4                            | 29-May-2016 | 29-May-2017 |
| EE100         | Cable             | H+B             | 3M<br>SF104-<br>26.5   | 295838/4                            | 29-May-2016 | 29-May-2017 |
| EE101         | Cable             | H+B             | 6M<br>SF104-<br>26.5   | 295840/4                            | 29-May-2016 | 29-May-2017 |
| EE095         | Horn Antenna      | Schwarzbeck     | BBHA<br>9170           | BBHA917<br>0399                     | 17-May-2016 | 17-May-2017 |
| EE343         | EMI Test Receiver | Rohde & Schwarz | FSV40                  | 132.1-<br>3008K39-<br>100967-<br>AP | 29-May-2016 | 29-May-2017 |
| EE240         | Pre-Amplifier     | Lunar EM        | LNA26G4<br>0-40        | J1013131<br>028001                  | 17-May-2016 | 17-May-2017 |
| EE234         | Horn Antenna      | AHS/USA         | SAS-573                | 184                                 | 17-May-2016 | 17-May-2017 |
| EE312         | Cable             | A.H             | SAC-<br>40G-1          | 414                                 | 17-May-2016 | 17-May-2017 |
| EE313         | Cable             | A.H             | SAC-<br>40G-1          | 413                                 | 17-May-2016 | 17-May-2017 |

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TRF No.: FCC 15C\_PC\_b  
 FCC ID: W8U40S305  
 Report No.: 161215013SZN-002

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## INTERTEK TESTING SERVICES

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### 9.0 Test Equipment List (cont'd)

For Conducted Emission test

| <b>Equipment No.</b> | <b>Equipment</b>   | <b>Manufacturer</b> | <b>Model No.</b> | <b>Serial No.</b> | <b>Cal. Date</b> | <b>Due Date</b> |
|----------------------|--------------------|---------------------|------------------|-------------------|------------------|-----------------|
| SZ185-02             | EMI Test Receiver  | R&S                 | ESCI             | 100692            | 01-Nov-2016      | 01-Nov-2017     |
| SZ187-01             | Two-Line V-Network | R&S                 | ENV216           | 100072            | 01-Nov-2016      | 01-Nov-2017     |
| SZ187-02             | Two-Line V-Network | R&S                 | ENV216           | 100073            | 01-Jul-2016      | 01-Jul-2017     |
| SZ188-03             | Shielding Room     | ETS                 | RFD-100          | 4100              | 17-Aug-2016      | 17-Aug-2018     |