# FCC TEST REPORT

# FCC ID: V3K-E486

| | |
|---|---|
| Product Name: | Laptop Computer |
| Trademark: | N/A |
| Model Number: | E486<br>E550 |
| Prepared For:<br><br>Address: | Shenzhen Hasee Computer Co., Ltd<br><br>Hasee Industrial Park, Bantian, Longgang, Shenzhen, China |
| Prepared By:<br><br>Address: | Shenzhen BCTC Technology Co., Ltd.<br><br>NO.101, Yousong Road, Longhua New District, Shenzhen, Guangdong, P.R.China |
| Report No.: | BCTC-FY161105489-3E |

# TABLE OF CONTENT

# Shenzhen BCTC Technology Co., Ltd.

| | | |
|---|---|---|
| Applicant | : | Shenzhen Hasee Computer Co., Ltd. |
| Address | : | Hasee Industrial Park, Bantian, Longgang, Shenzhen, China |
| Manufacturer | : | Shenzhen Hasee Computer Co., Ltd. |
| Address | : | Hasee Industrial Park, Bantian, Longgang, Shenzhen, China |
| EUT | : | Laptop Computer |
| Trademark: | : | N/A |
| Model Number | : | E486<br>E550 |
| Test Date | : | Nov. 18 - Nov. 23, 2016 |
| Date of Report | : | Nov. 23, 2016 |
| **Test Result:** | : | The equipment under test was found to be compliance with the requirements of the standards applied. |

Test Procedure Used:

FCC Part 15 B

ANSI C63.4:2014

Testing Engineer : Eric Yang

Eric Yang

Reviewer (Supervisor) : Simon Wang

Simon Wang

Approved & Authorized Signer(Manager) : Carson Zhang

Carson Zhang

*This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen BCTC Technology Co., Ltd.*

# 1. GENERAL INFORMATION

## 1.1. Description of Device (EUT)

| | | |
|---|---|---|
| EUT | : | Laptop Computer |
| Trademark | : | N/A |
| Model Number | : | E486<br>E550 |
| Model Difference | : | All the same, Only model name is different and outlook color. |
| Power Supply | : | Adapter : Input: AC 120V/60Hz Output: DC 19V/2A<br>Battery: DC 10.8V 4400mAh |
| Work Frequency | : | 1.3GHz |

Note: E486 was selected as the test model and the datas have been recorded in this report.

## 1.2. Tested System Details

| Equipment | Mfr/Brand | Model/Type No. | Series No. | Note |
|---|---|---|---|---|
| LCD TV | Guanjie | T3250MD | / | / |
| U-Disk | / | 8GB | / | / |

## 1.3. Test Uncertainty

| | | |
|---|---|---|
| Conducted Emission Uncertainty | : | ±2.66dB |
| Radiated Emission Uncertainty | : | ±4.26dB |

## 1.4. Test Facility

Site Description

| | | |
|---|---|---|
| Name of Firm | : | Shenzhen BCTC Technology Co., Ltd. |
| Site Location | : | NO.101, Yousong Road, Longhua New District, Shenzhen, Guangdong, P.R.China |
| Lab Qualifications | : | Certificated by Industry Canada<br>Registration No.: 12655A<br>Date of registration: January 19, 2015<br><br>Certificated by FCC, USA<br>Registration No.: 187086<br>Date of registration: November 28, 2014<br><br>Certificated by CNAS China<br>Registration No.: CNAS L6046<br>Date of registration: February 3, 2013 |

# 2. TEST INSTRUMENT USED

## For Conducted Emission at the mains terminals Test

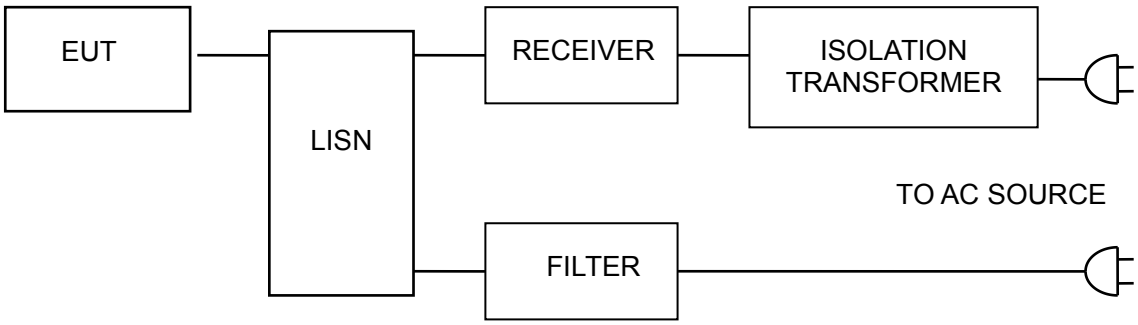
| Conducted Emission Test ( A --- site ) | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model#** | **Serial#** | **Last Cal.** | **Next Cal.** |
| 843 Shielded Room | ChengYu | 843 Room | 843 | Aug. 25, 2016 | Aug. 24, 2017 |
| EMI Receiver | R&S | ESCI | 101421 | Aug. 27, 2016 | Aug. 26, 2017 |
| LISN | Schwarzbeck | NSLK8127 | 8127739 | Sep. 07, 2016 | Sep. 06, 2017 |
| Attenuator | R&S | ESH3-Z2 | BCTC021E | Aug. 25, 2016 | Aug. 24, 2017 |
| 843 Cable 1# | FUJIKURA | 843C1# | 001 | Aug. 25, 2016 | Aug. 24, 2017 |

## For Radiated Emission Test

| Radiation Emission Test (966 chamber) | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model#** | **Serial#** | **Last Cal.** | **Next Cal.** |
| 966 chamber | ChengYu | 966 Room | 966 | Aug. 25, 2016 | Aug. 24, 2017 |
| Spectrum Analyzer | Agilent | E4407B | MY45109572 | Aug. 27, 2016 | Aug. 26, 2017 |
| Amplifier | Schwarzbeck | BBV9743 | 9743-119 | Aug. 25, 2016 | Aug. 24, 2017 |
| Amplifier | Schwarzbeck | BBV9718 | 9718-270 | Aug. 25, 2016 | Aug. 24, 2017 |
| Log-periodic Antenna | Schwarzbeck | VULB9160 | VULB9160-3369 | Sep. 07, 2016 | Sep. 06, 2017 |
| EMI Receiver | R&S | ESCI | 101421 | Aug. 27, 2016 | Aug. 26, 2017 |
| Horn Antenna | Schwarzbeck | BBHA9120D | 9120D-1275 | Aug. 25, 2016 | Aug. 24, 2017 |
| 966 Cable 1# | CHENGYU | 966 | 004 | Aug. 25, 2016 | Aug. 24, 2017 |
| 966 Cable 2# | CHENGYU | 966 | 003 | Aug. 25, 2016 | Aug. 24, 2017 |

# 3. CONDUCTED EMISSION AT THE MAINS TERMINALS TEST

## 3.1. Block Diagram Of Test Setup




## 3.2. Test Standard

FCC PART 15 B

## 3.3. Power Line Conducted Emission Limit

| Frequency MHz | Limits dB(μV) | |
|---|---|---|
| | Quasi-peak Level | Average Level |
| 0.15 ~ 0.50 | 66 ~ 56* | 56 ~ 46* |
| 0.50 ~ 5.00 | 56 | 46 |
| 5.00 ~ 30.00 | 60 | 50 |

Notes: 1. *Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

## 3.4. EUT Configuration on Test

The following equipments are installed on conducted emission test to meet FCC PART 15 B requirement and operating in a manner which tends to maximize its emission characteristics in a normal application.

## 3.5. Operating Condition of EUT

3.5.1 Setup the EUT and simulators as shown in Section 3.1.
3.5.2 Turn on the power of all equipments.
3.5.3 Let the EUT work in test modes and test it.

## 3.6. Test Procedure

The EUT is put on the ground and connected to the AC mains through a Artificial Mains Network (AMN). This provided a 50ohm coupling impedance for the tested equipments. Both sides of AC line are checked to find out the maximum conducted emission levels according to the **FCC PART 15 B** regulations during conducted emission test.

The bandwidth of the test receiver (R&S Test Receiver ESCI) is set at 10KHz.

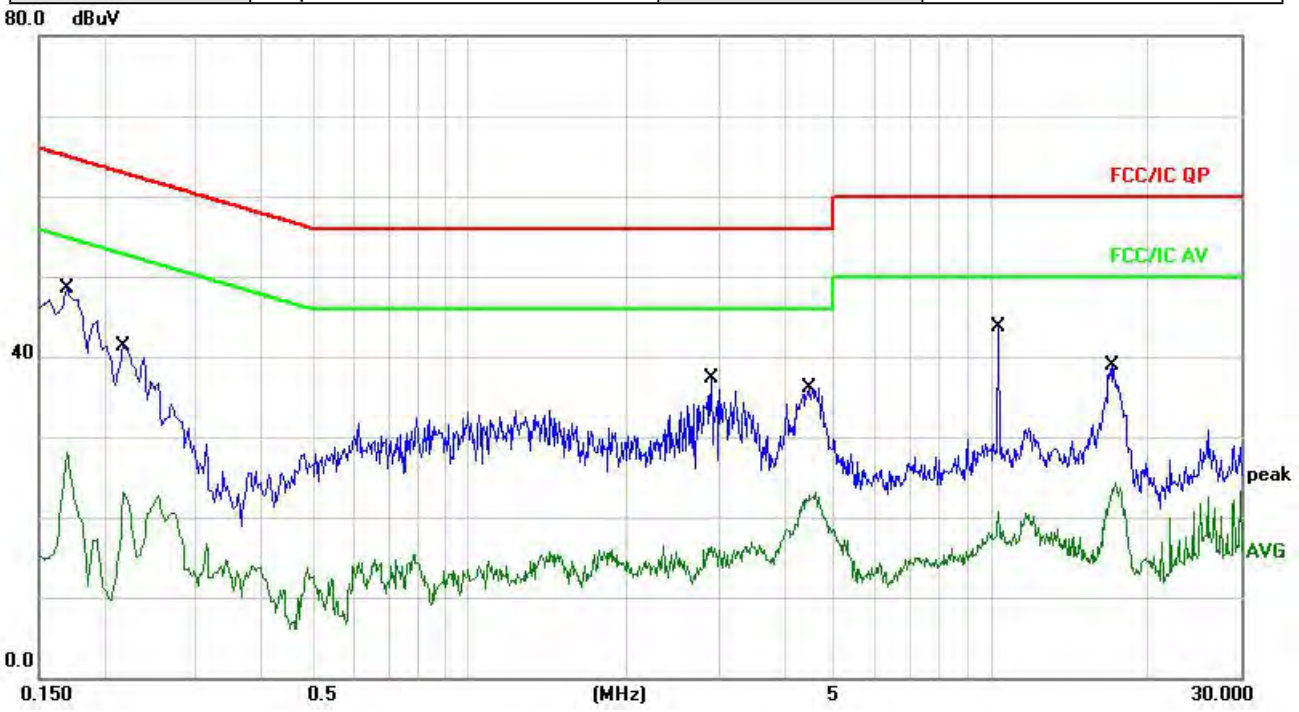
The frequency range from 150 KHz to 30 MHz is investigated.

## 3.7. Test Result

PASS

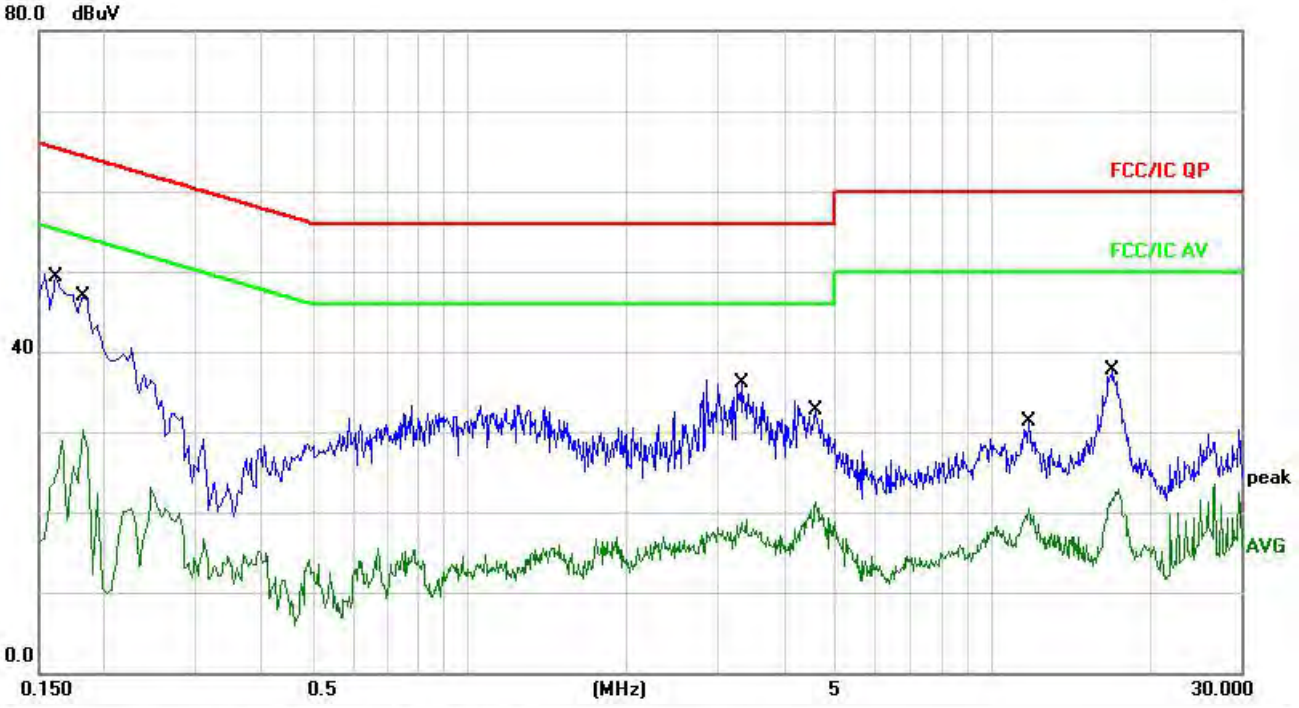
Please refer to the following page.

| | | | |
|---|---|---|---|
| Temperature： | 25 ℃ | Relative Humidity： | 54% |
| Pressure： | 1010hPa | Phase : | L |
| Test Voltage ： | Input: AC120V/60Hz<br>Output: DC 19V/2A | Test Mode： | Charging&USB Playing &HDMI LCD TV |



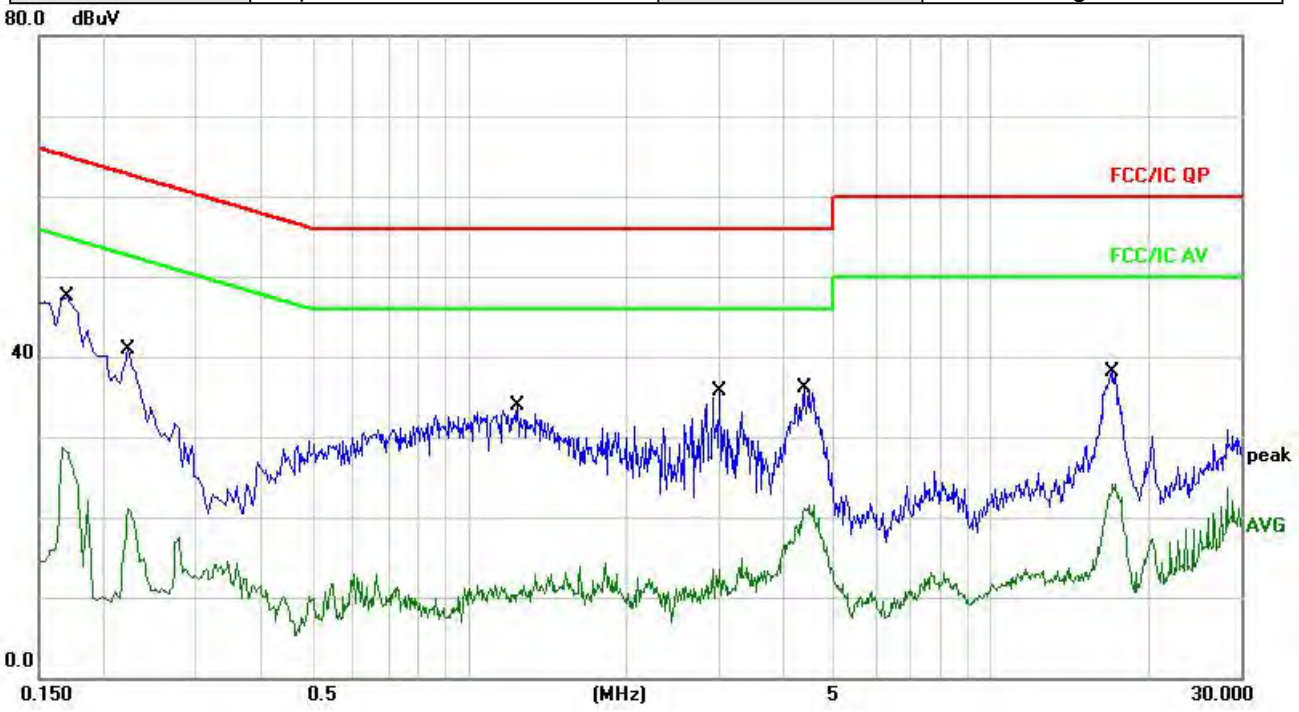

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | | 0.1700 | 38.85 | 9.66 | 48.51 | 64.96 | -16.45 | QP | |
| 2 | | 0.1700 | 18.40 | 9.66 | 28.06 | 54.96 | -26.90 | AVG | |
| 3 | | 0.2180 | 31.62 | 9.65 | 41.27 | 62.89 | -21.62 | QP | |
| 4 | | 0.2180 | 13.36 | 9.65 | 23.01 | 52.89 | -29.88 | AVG | |
| 5 | | 2.9140 | 27.51 | 9.72 | 37.23 | 56.00 | -18.77 | QP | |
| 6 | | 2.9140 | 6.61 | 9.72 | 16.33 | 46.00 | -29.67 | AVG | |
| 7 | | 4.4699 | 26.43 | 9.73 | 36.16 | 56.00 | -19.84 | QP | |
| 8 | | 4.4699 | 13.38 | 9.73 | 23.11 | 46.00 | -22.89 | AVG | |
| 9 | * | 10.3260 | 33.90 | 9.83 | 43.73 | 60.00 | -16.27 | QP | |
| 10 | | 10.3260 | 10.78 | 9.83 | 20.61 | 50.00 | -29.39 | AVG | |
| 11 | | 17.0220 | 29.06 | 9.89 | 38.95 | 60.00 | -21.05 | QP | |
| 12 | | 17.0220 | 14.37 | 9.89 | 24.26 | 50.00 | -25.74 | AVG | |

| | | | |
|---|---|---|---|
| Temperature： | 25 ℃ | Relative Humidity： | 54% |
| Pressure： | 1010hPa | Phase : | N |
| Test Voltage ： | Input: AC120V/60Hz<br>Output: DC 19V/2A | Test Mode： | Charging&USB Playing<br>&HDMI LCD TV |



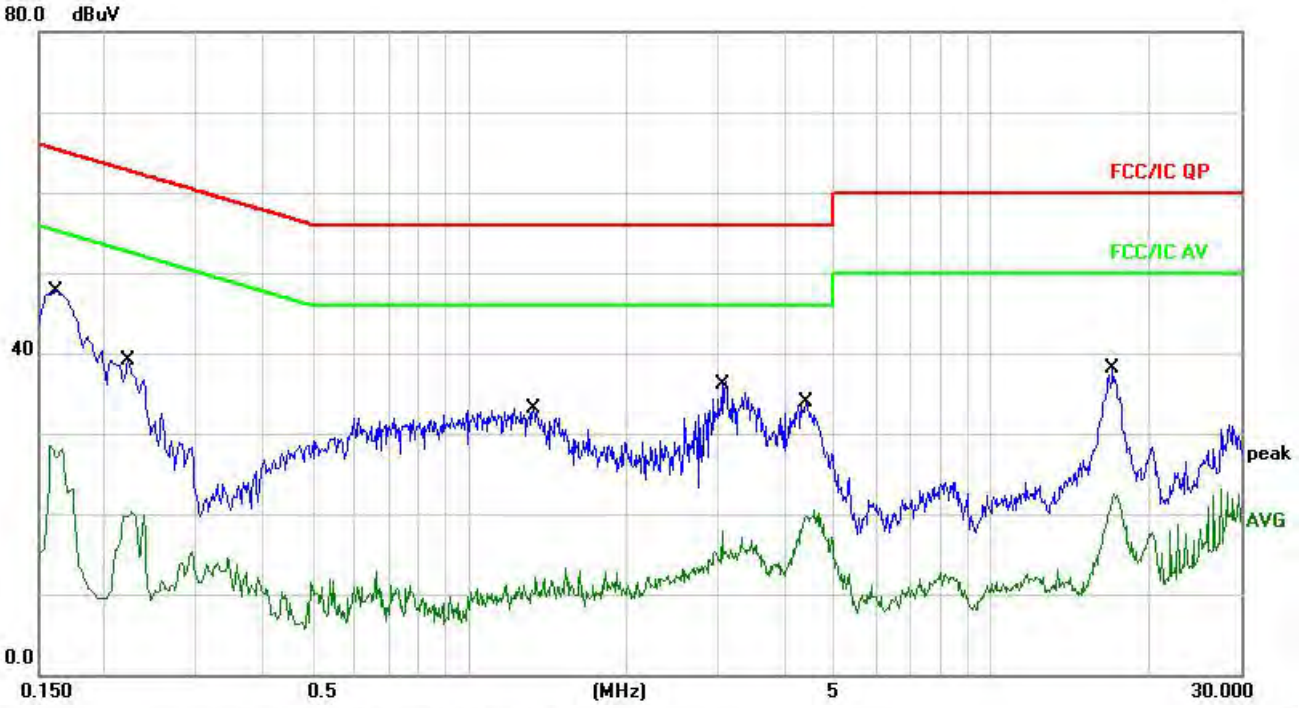

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | * | 0.1620 | 39.54 | 9.67 | 49.21 | 65.36 | -16.15 | QP | |
| 2 | | 0.1620 | 19.14 | 9.67 | 28.81 | 55.36 | -26.55 | AVG | |
| 3 | | 0.1819 | 37.28 | 9.66 | 46.94 | 64.39 | -17.45 | QP | |
| 4 | | 0.1819 | 20.57 | 9.66 | 30.23 | 54.39 | -24.16 | AVG | |
| 5 | | 3.3180 | 26.32 | 9.72 | 36.04 | 56.00 | -19.96 | QP | |
| 6 | | 3.3180 | 9.35 | 9.72 | 19.07 | 46.00 | -26.93 | AVG | |
| 7 | | 4.6020 | 23.00 | 9.73 | 32.73 | 56.00 | -23.27 | QP | |
| 8 | | 4.6020 | 11.48 | 9.73 | 21.21 | 46.00 | -24.79 | AVG | |
| 9 | | 11.7820 | 21.40 | 9.82 | 31.22 | 60.00 | -28.78 | QP | |
| 10 | | 11.7820 | 10.59 | 9.82 | 20.41 | 50.00 | -29.59 | AVG | |
| 11 | | 17.1060 | 27.81 | 9.89 | 37.70 | 60.00 | -22.30 | QP | |
| 12 | | 17.1060 | 12.96 | 9.89 | 22.85 | 50.00 | -27.15 | AVG | |

| | | | |
|---|---|---|---|
| Temperature： | 25 ℃ | Relative Humidity： | 54% |
| Pressure： | 1010hPa | Phase : | L |
| Test Voltage ： | Input: AC120V/60Hz<br>Output: DC 19V/2A | Test Mode： | Charging&Data Downloading |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | * | 0.1700 | 37.81 | 9.66 | 47.47 | 64.96 | -17.49 | QP | |
| 2 | | 0.1700 | 18.97 | 9.66 | 28.63 | 54.96 | -26.33 | AVG | |
| 3 | | 0.2220 | 31.20 | 9.65 | 40.85 | 62.74 | -21.89 | QP | |
| 4 | | 0.2220 | 11.40 | 9.65 | 21.05 | 52.74 | -31.69 | AVG | |
| 5 | | 1.2380 | 24.19 | 9.69 | 33.88 | 56.00 | -22.12 | QP | |
| 6 | | 1.2380 | 1.26 | 9.69 | 10.95 | 46.00 | -35.05 | AVG | |
| 7 | | 3.0100 | 26.02 | 9.72 | 35.74 | 56.00 | -20.26 | QP | |
| 8 | | 3.0100 | 3.80 | 9.72 | 13.52 | 46.00 | -32.48 | AVG | |
| 9 | | 4.3820 | 26.34 | 9.73 | 36.07 | 56.00 | -19.93 | QP | |
| 10 | | 4.3820 | 11.79 | 9.73 | 21.52 | 46.00 | -24.48 | AVG | |
| 11 | | 17.1020 | 28.16 | 9.89 | 38.05 | 60.00 | -21.95 | QP | |
| 12 | | 17.1020 | 14.27 | 9.89 | 24.16 | 50.00 | -25.84 | AVG | |

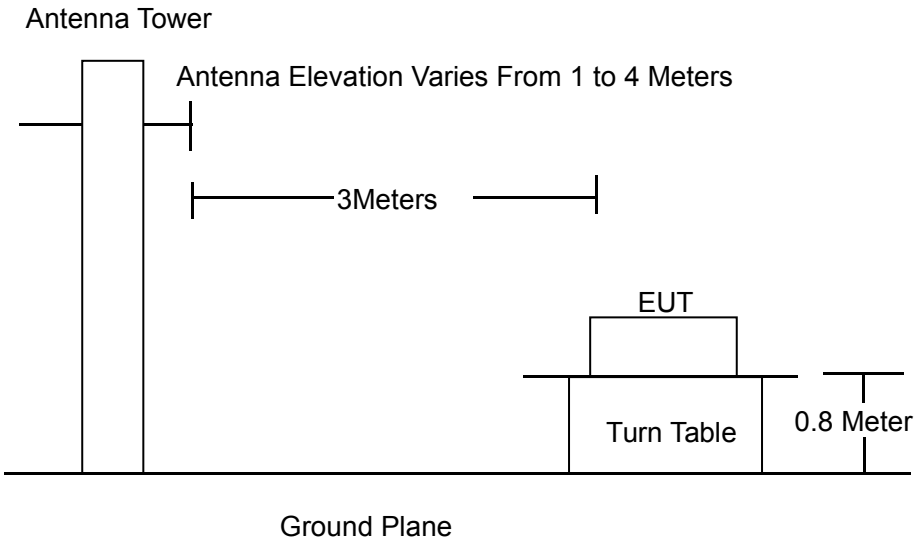
| | | | |
|---|---|---|---|
| Temperature： | 25 ℃ | Relative Humidity： | 54% |
| Pressure： | 1010hPa | Phase : | N |
| Test Voltage ： | Input: AC120V/60Hz<br>Output: DC 19V/2A | Test Mode： | Charging&Data Downloading |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | * | 0.1620 | 38.03 | 9.67 | 47.70 | 65.36 | -17.66 | QP | |
| 2 | | 0.1620 | 18.83 | 9.67 | 28.50 | 55.36 | -26.86 | AVG | |
| 3 | | 0.2220 | 29.36 | 9.65 | 39.01 | 62.74 | -23.73 | QP | |
| 4 | | 0.2220 | 10.01 | 9.65 | 19.66 | 52.74 | -33.08 | AVG | |
| 5 | | 1.3300 | 23.35 | 9.70 | 33.05 | 56.00 | -22.95 | QP | |
| 6 | | 1.3300 | 2.35 | 9.70 | 12.05 | 46.00 | -33.95 | AVG | |
| 7 | | 3.0460 | 26.79 | 9.72 | 36.51 | 56.00 | -19.49 | QP | |
| 8 | | 3.0460 | 8.10 | 9.72 | 17.82 | 46.00 | -28.18 | AVG | |
| 9 | | 4.4300 | 24.08 | 9.73 | 33.81 | 56.00 | -22.19 | QP | |
| 10 | | 4.4300 | 10.77 | 9.73 | 20.50 | 46.00 | -25.50 | AVG | |
| 11 | | 17.0220 | 28.14 | 9.89 | 38.03 | 60.00 | -21.97 | QP | |
| 12 | | 17.0220 | 12.59 | 9.89 | 22.48 | 50.00 | -27.52 | AVG | |

# 4. RADIATION EMISSION TEST

## 4.1. Block Diagram of Test Setup




## 4.2. Test Standard

FCC PART 15 B

## 4.3. Radiation Limit

| FREQUENCY (MHz) | DISTANCE (Meters) | FIELD STRENGTHS LIMITS (dBμV/m) |
|---|---|---|
| 30 ~ 88 | 3 | 40.0 |
| 88 ~ 216 | 3 | 43.5 |
| 216 ~ 960 | 3 | 46.0 |
| 960 ~ 1000 | 3 | 54.0 |

## 4.4. EUT Configuration on Test

The FCC PART 15 B regulations test method must be used to find the maximum emission during radiated emission test.
The configuration of EUT is the same as used in conducted emission test. Please refer to Section 2.2.

## 4.5. Operating Condition of EUT

Same as conducted emission test, which is listed in Section 2.2 except the test set up replaced as Section 4.1.

## 4.6. Test Procedure

The EUT and its simulators are placed on a turned table that is 0.8 meter above the ground. The turned table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna that is mounted on the antenna tower. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated biconical and log periodical antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on test. In order to find the maximum emission levels, the interface cable must be manipulated according to FCC PART 15 B on radiated emission test.
The bandwidth setting on the field strength meter (R&S Test Receiver ESCI) is set at 120KHz below 1GHz, set at 1MHz above 1GHz
The frequency range from 30MHz to 1000MHz is checked.

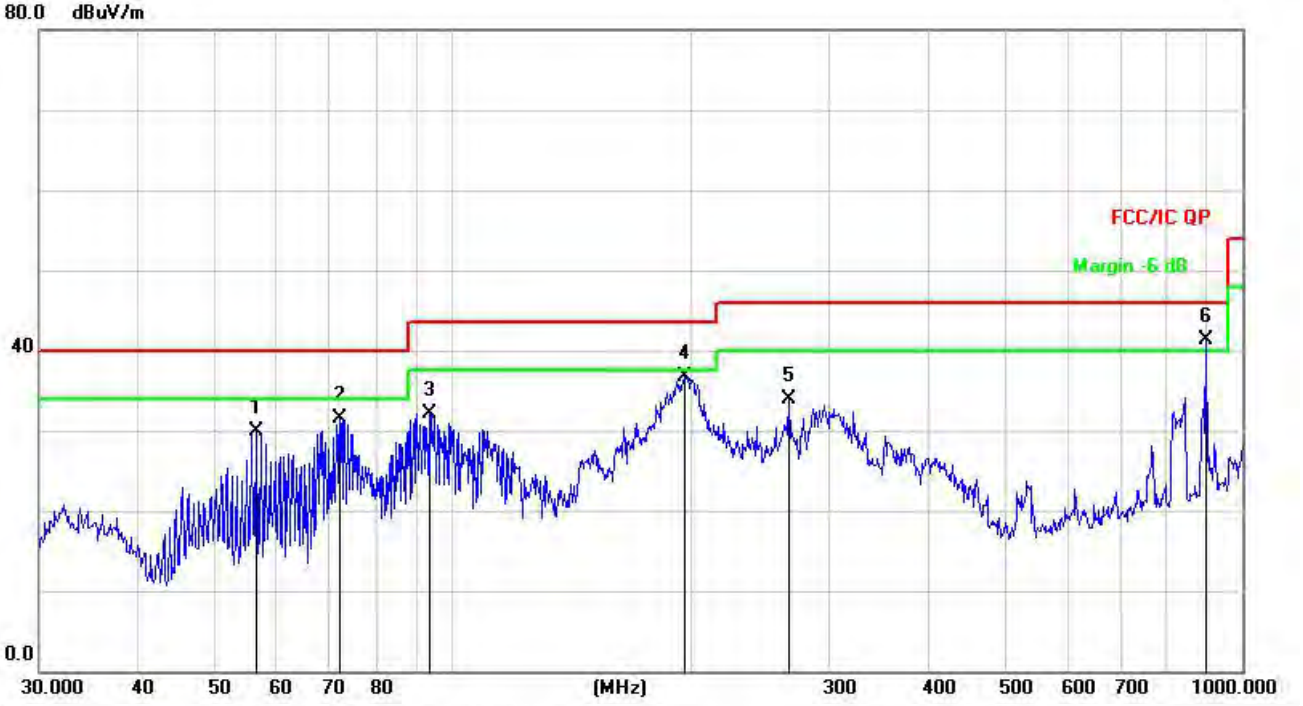
The highest frequency of the internal sources of the EUT was below 1.3GHz, so the measurement was only made up to 6GHz.

## 4.7. Test Result

PASS

Please refer to the following page.

| Radiation Emission Test Data(30MHz~1GHz) | | | |
|---|---|---|---|
| Temperature: | 24.5 ℃ | Relative Humidity: | 54% |
| Pressure: | 1009hPa | Phase : | Horizontal |
| Test Voltage : | Input: AC120V/60Hz<br>Output: DC 19V/2A | Test Mode: | Charging&USB Playing &HDMI LCD TV |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dB/m | dB | Detector | cm | degree | Comment |
| 1 | | 56.3948 | 45.49 | -15.49 | 30.00 | 40.00 | -10.00 | peak | | | |
| 2 | | 72.0843 | 51.30 | -19.71 | 31.59 | 40.00 | -8.41 | peak | | | |
| 3 | | 93.4402 | 49.64 | -17.46 | 32.18 | 43.50 | -11.32 | peak | | | |
| 4 | | 197.2001 | 52.63 | -15.87 | 36.76 | 43.50 | -6.74 | peak | | | |
| 5 | | 266.6089 | 47.05 | -13.18 | 33.87 | 46.00 | -12.13 | peak | | | |
| 6 | * | 900.1474 | 40.60 | 0.70 | 41.30 | 46.00 | -4.70 | peak | | | |

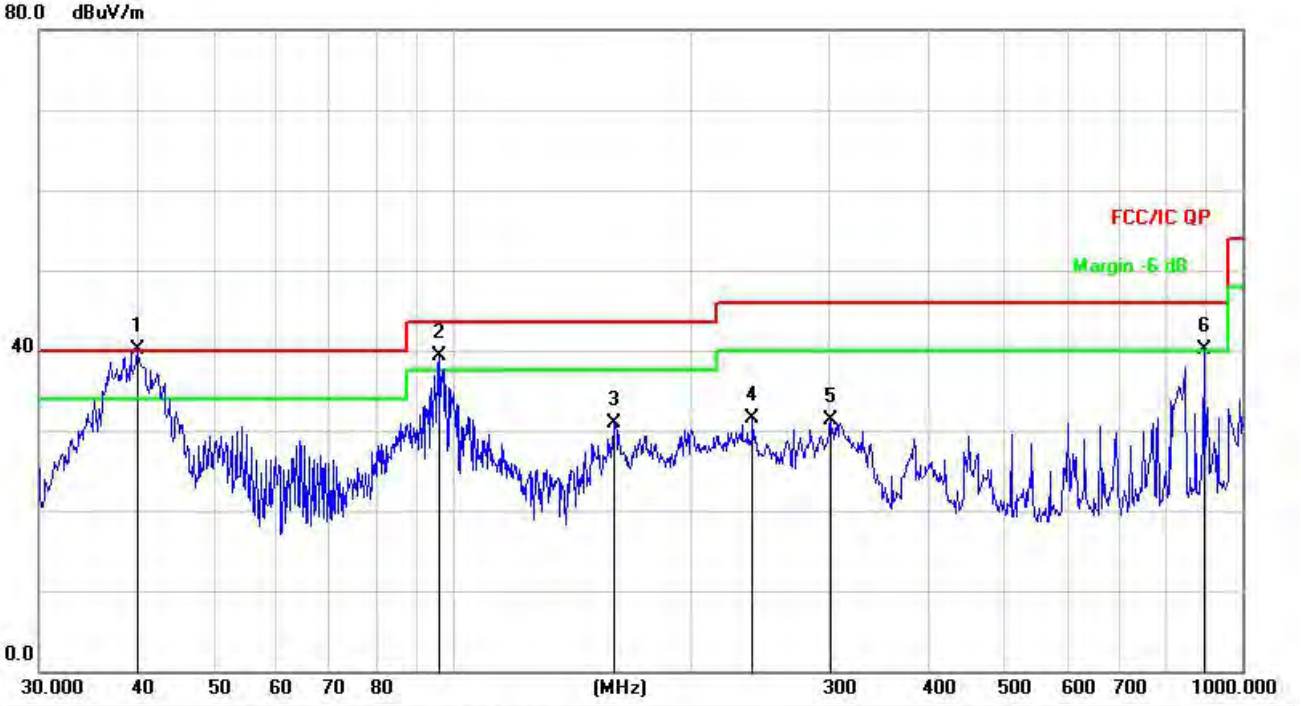
| Radiation Emission Test Data(30MHz~1GHz) | | | |
|---|---|---|---|
| Temperature: | 24.5 ℃ | Relative Humidity: | 54% |
| Pressure: | 1009hPa | Phase : | Vertical |
| Test Voltage : | Input: AC120V/60Hz<br>Output: DC 19V/2A | Test Mode: | Charging&USB Playing &HDMI LCD TV |


| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dB/m | dB | Detector | cm | degree | Comment |
| 1 | | 39.1616 | 48.85 | -15.99 | 32.86 | 40.00 | -7.14 | peak | | | |
| 2 | | 55.6094 | 46.98 | -15.28 | 31.70 | 40.00 | -8.30 | peak | | | |
| 3 | * | 72.0843 | 52.68 | -19.71 | 32.97 | 40.00 | -7.03 | peak | | | |
| 4 | | 93.4402 | 50.76 | -17.46 | 33.30 | 43.50 | -10.20 | peak | | | |
| 5 | | 304.6099 | 45.76 | -12.00 | 33.76 | 46.00 | -12.24 | peak | | | |
| 6 | | 848.0563 | 37.79 | -0.33 | 37.46 | 46.00 | -8.54 | peak | | | |

| Radiation Emission Test Data(30MHz~1GHz) | | | |
|---|---|---|---|
| Temperature: | 24.5 ℃ | Relative Humidity: | 54% |
| Pressure: | 1009hPa | Phase : | Horizontal |
| Test Voltage : | Input: AC120V/60Hz<br>Output: DC 19V/2A | Test Mode: | Charging&data downloading |

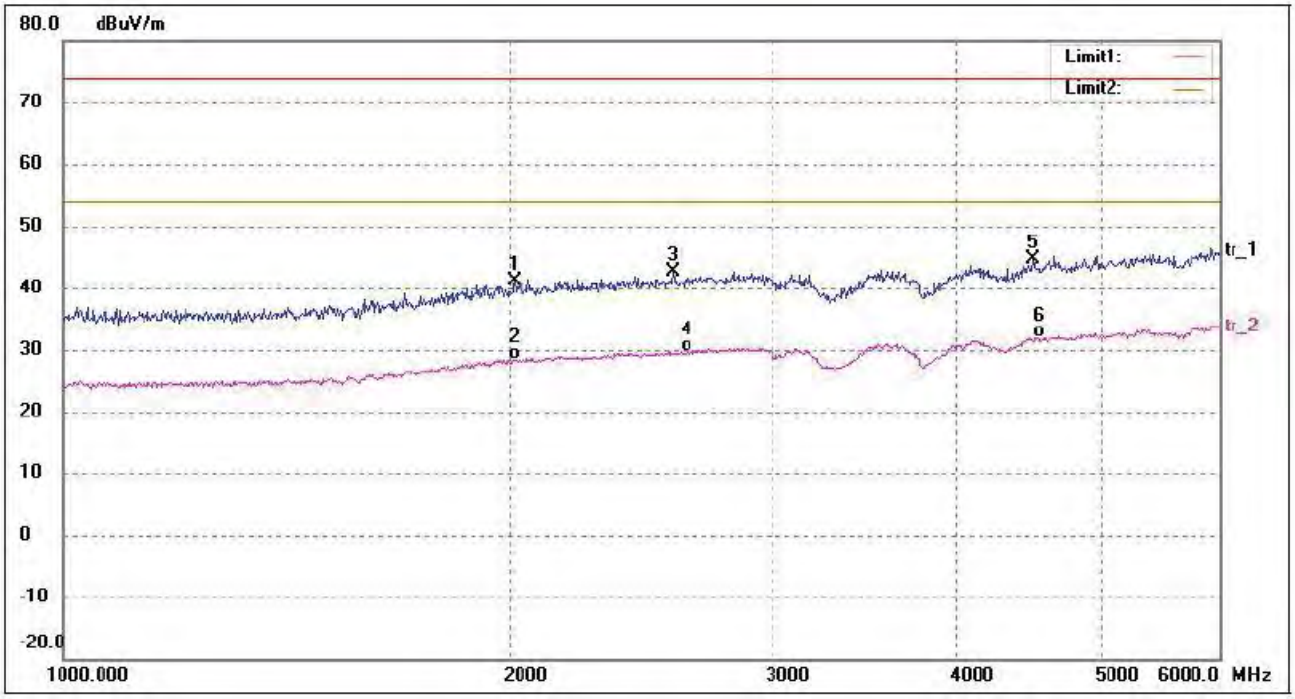

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dB/m | dB | Detector | cm | degree | Comment |
| 1 | | 36.8953 | 43.87 | -16.66 | 27.21 | 40.00 | -12.79 | peak | | | |
| 2 | | 95.7622 | 53.02 | -17.10 | 35.92 | 43.50 | -7.58 | peak | | | |
| 3 | * | 198.5880 | 51.84 | -15.74 | 36.10 | 43.50 | -7.40 | peak | | | |
| 4 | | 308.9126 | 49.58 | -11.92 | 37.66 | 46.00 | -8.34 | peak | | | |
| 5 | | 360.4476 | 42.79 | -10.40 | 32.39 | 46.00 | -13.61 | peak | | | |
| 6 | | 962.1623 | 37.48 | 1.43 | 38.91 | 54.00 | -15.09 | peak | | | |

| Radiation Emission Test Data(30MHz~1GHz) | | | |
|---|---|---|---|
| Temperature: | 24.5 ℃ | Relative Humidity: | 54% |
| Pressure: | 1009hPa | Phase : | Vertical |
| Test Voltage : | Input: AC120V/60Hz<br>Output: DC 19V/2A | Test Mode: | Charging&data downloading |



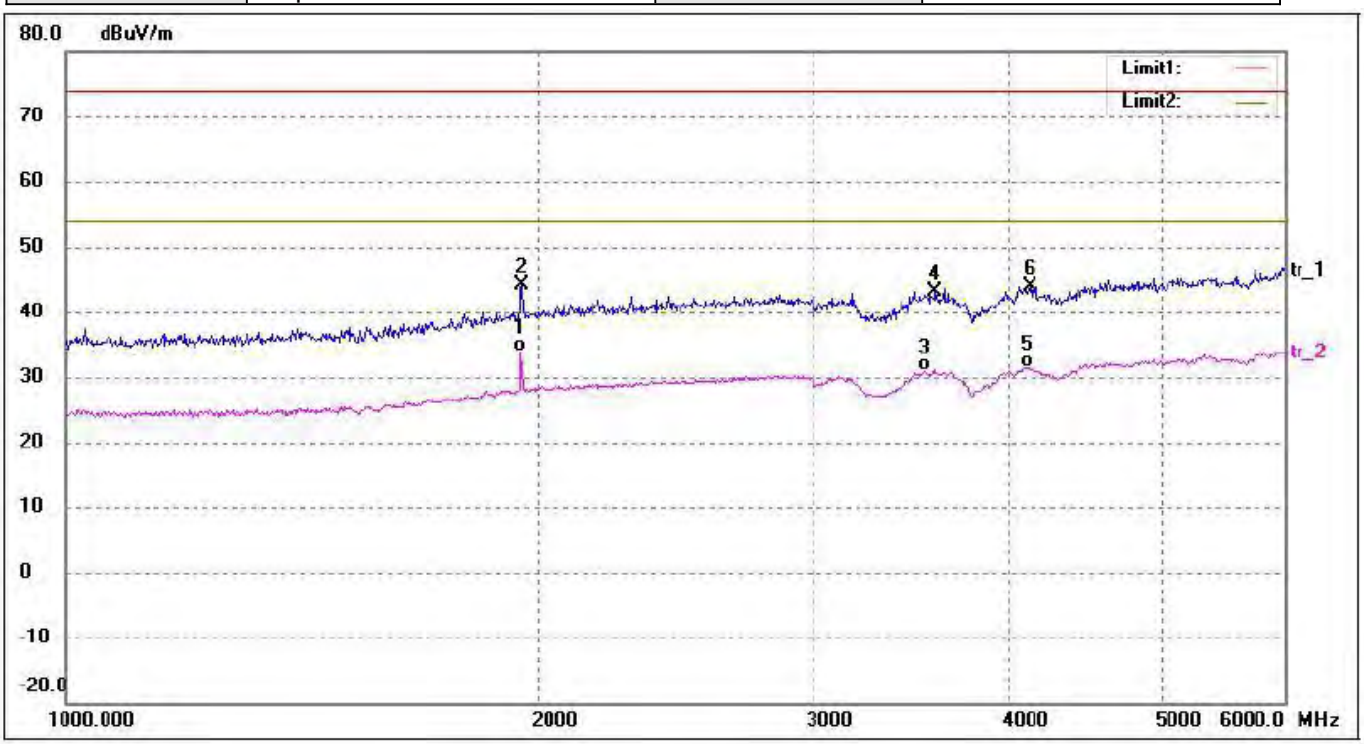

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dB/m | dB | Detector | cm | degree | Comment |
| 1 | * | 39.9942 | 55.93 | -15.81 | 40.12 | 40.00 | 0.12 | peak | | | |
| 2 | ! | 96.4362 | 56.38 | -17.06 | 39.32 | 43.50 | -4.18 | peak | | | |
| 3 | | 160.3456 | 49.89 | -18.99 | 30.90 | 43.50 | -12.60 | peak | | | |
| 4 | | 239.9874 | 45.65 | -14.12 | 31.53 | 46.00 | -14.47 | peak | | | |
| 5 | | 301.4224 | 43.40 | -12.07 | 31.33 | 46.00 | -14.67 | peak | | | |
| 6 | ! | 893.8567 | 39.50 | 0.61 | 40.11 | 46.00 | -5.89 | peak | | | |

| Radiation Emission Test Data(1GHz~6GHz) | | | |
|---|---|---|---|
| Temperature: | 24.5 ℃ | Relative Humidity: | 54% |
| Pressure: | 1009hPa | Phase : | Horizontal |
| Test Voltage : | Input: AC120V/60Hz<br>Output: DC 19V/2A | Test Mode: | Charging&USB Playing &HDMI LCD TV |



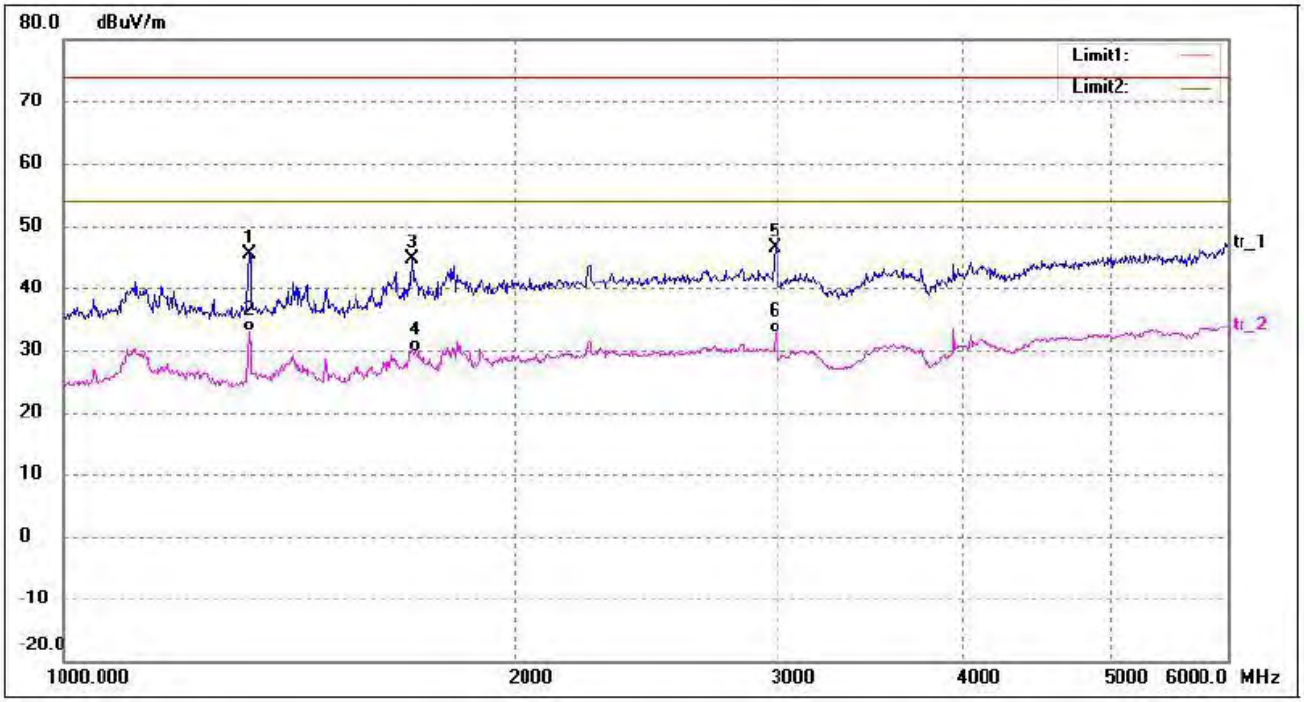

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree ( ) | Height (cm) | Detector |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2011.310 | 45.49 | -4.39 | 41.10 | 74.00 | -32.90 | 102 | 100 | peak |
| 2 | 2011.310 | 32.81 | -4.39 | 28.42 | 54.00 | -25.58 | 145 | 100 | AVG |
| 3 | 2570.903 | 45.92 | -3.18 | 42.74 | 74.00 | -31.26 | 136 | 100 | peak |
| 4 | 2626.779 | 32.61 | -3.09 | 29.52 | 54.00 | -24.48 | 185 | 100 | AVG |
| 5 | 4496.441 | 44.61 | 0.08 | 44.69 | 74.00 | -29.31 | 165 | 100 | peak |
| 6* | 4528.783 | 31.85 | 0.13 | 31.98 | 54.00 | -22.02 | 110 | 100 | AVG |

| Radiation Emission Test Data(1GHz~6GHz) | | | |
|---|---|---|---|
| Temperature: | 24.5 ℃ | Relative Humidity: | 54% |
| Pressure: | 1009hPa | Phase : | Vertical |
| Test Voltage : | Input: AC120V/60Hz<br>Output: DC 19V/2A | Test Mode: | Charging&USB Playing<br>&HDMI LCD TV |



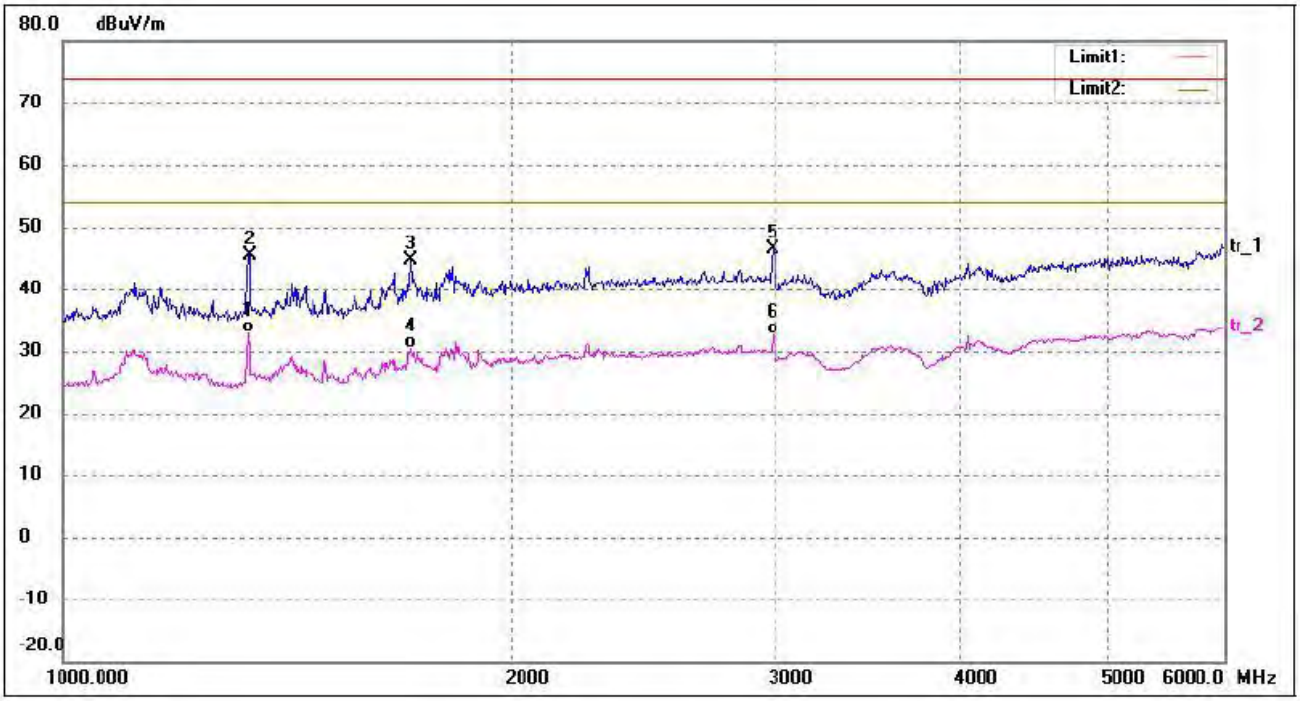

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree ( ) | Height (cm) | Detector |
|---|---|---|---|---|---|---|---|---|---|
| 1* | 1950.969 | 38.74 | -4.80 | 33.94 | 54.00 | -20.06 | 145 | 100 | AVG |
| 2 | 1954.468 | 48.89 | -4.73 | 44.16 | 74.00 | -29.84 | 120 | 100 | peak |
| 3 | 3536.687 | 32.38 | -1.52 | 30.86 | 54.00 | -23.14 | 136 | 100 | AVG |
| 4 | 3587.747 | 44.51 | -1.47 | 43.04 | 74.00 | -30.96 | 189 | 100 | peak |
| 5 | 4103.772 | 32.05 | -0.59 | 31.46 | 54.00 | -22.54 | 158 | 100 | AVG |
| 6 | 4125.890 | 44.35 | -0.50 | 43.85 | 74.00 | -30.15 | 225 | 100 | peak |

| Radiation Emission Test Data(1GHz~6GHz) | | | |
|---|---|---|---|
| Temperature: | 24.5 ℃ | Relative Humidity: | 54% |
| Pressure: | 1009hPa | Phase : | Horizontal |
| Test Voltage : | Input: AC120V/60Hz<br>Output: DC 19V/2A | Test Mode: | Charging&data downloading |




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree ( ) | Height (cm) | Detector |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.615 | 53.58 | -8.27 | 45.31 | 74.00 | -28.69 | 102 | 100 | peak |
| 2* | 1329.615 | 41.06 | -8.27 | 32.79 | 54.00 | -21.21 | 145 | 100 | AVG |
| 3 | 1708.706 | 51.11 | -6.44 | 44.67 | 74.00 | -29.33 | 178 | 100 | peak |
| 4 | 1724.082 | 35.94 | -6.34 | 29.60 | 54.00 | -24.40 | 195 | 100 | AVG |
| 5 | 2988.480 | 49.00 | -2.56 | 46.44 | 74.00 | -27.56 | 165 | 100 | peak |
| 6 | 2988.480 | 35.10 | -2.56 | 32.54 | 54.00 | -21.46 | 201 | 100 | AVG |

| Radiation Emission Test Data(1GHz~6GHz) | | | |
|---|---|---|---|
| Temperature: | 24.5 ℃ | Relative Humidity: | 54% |
| Pressure: | 1009hPa | Phase : | Vertical |
| Test Voltage : | Input: AC120V/60Hz<br>Output: DC 19V/2A | Test Mode: | Charging&data downloading |




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree ( ) | Height (cm) | Detector |
|---|---|---|---|---|---|---|---|---|---|
| 1* | 1329.615 | 41.06 | -8.27 | 32.79 | 54.00 | -21.21 | 145 | 100 | AVG |
| 2 | 1332.000 | 53.63 | -8.29 | 45.34 | 74.00 | -28.66 | 178 | 100 | peak |
| 3 | 1708.706 | 51.11 | -6.44 | 44.67 | 74.00 | -29.33 | 165 | 100 | peak |
| 4 | 1708.706 | 36.89 | -6.44 | 30.45 | 54.00 | -23.55 | 125 | 100 | AVG |
| 5 | 2988.480 | 49.00 | -2.56 | 46.44 | 74.00 | -27.56 | 178 | 100 | peak |
| 6 | 2988.480 | 35.10 | -2.56 | 32.54 | 54.00 | -21.46 | 102 | 100 | AVG |

# 5. EUT PHOTOGRAPHS

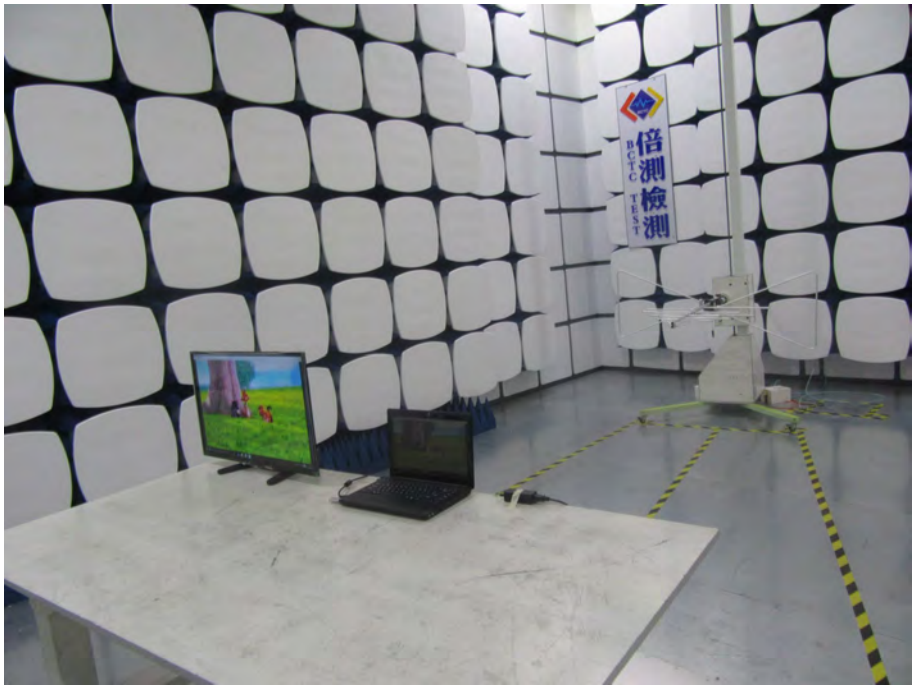
**EUT Photo 1**

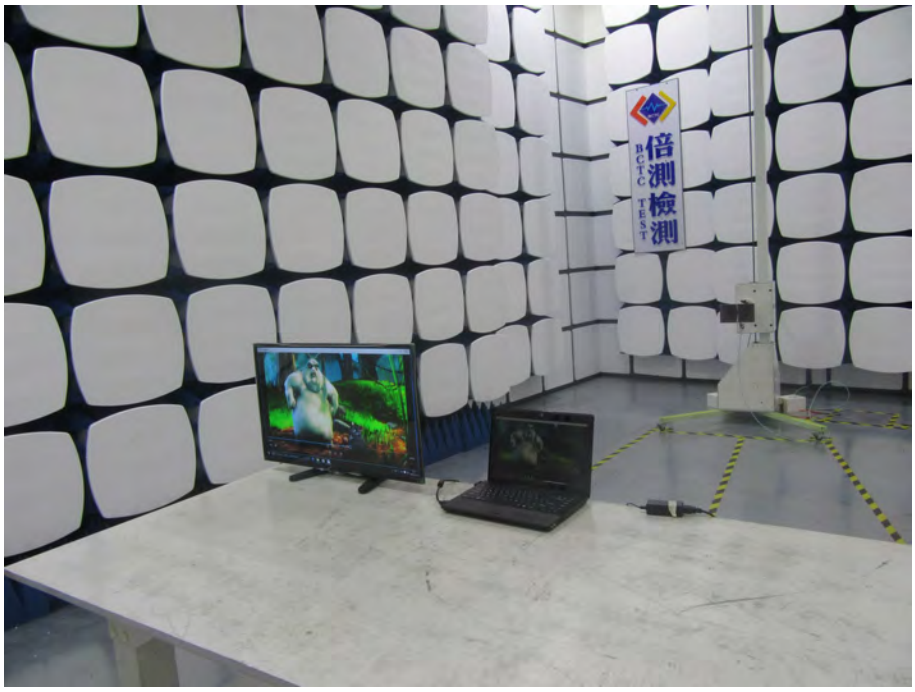
**EUT Photo 2**

# 6. EUT TEST PHOTOGRAPHS

CE

RE






**※※※※※ END OF REPORT ※※※※※**