



World Standardization Certification & Testing CO., LTD
World Standardization Safety and EMC Testing Centre

FCC ID TEST REPORT

for

MID

MODEL: ZT280-C91

Trade Mark: N/A

FCC ID: ZAXZT280-C91

Test Report Number: WSCT11090542E

Issued Date: September 20, 2011

Issued for:

Shenzhen Zenithink Technologies Co., Ltd.

**2nd Floor, Building M-3, Maqueling Industrial Zone, Nanshan District,
Shenzhen, 518057 China**

Issued by:

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Issued: September 20, 2011

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Revision History

| Rev. | Issue No. | Revisions | Effect Page | Revised By |
|------|---------------|---------------|-------------|-------------|
| 00 | WSCT11090542E | Initial Issue | ALL | Kallen Wang |



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TABLE OF CONTENTS

| | |
|--|-----------|
| 1 TEST RESULT CERTIFICATION | 4 |
| 2 EUT DESCRIPTION | 5 |
| 3 TEST METHODOLOGY..... | 6 |
| 3.1. DECISION OF FINAL TEST MODE..... | 6 |
| 3.2. EUT SYSTEM OPERATION | 6 |
| 4 SETUP OF EQUIPMENT UNDER TEST | 7 |
| 4.1. DESCRIPTION OF SUPPORT UNITS | 7 |
| 4.2. CONFIGURATION OF SYSTEM UNDER TEST | 8 |
| 5 FACILITIES AND ACCREDITATIONS..... | 9 |
| 5.1. FACILITIES | 9 |
| 5.2. ACCREDITATIONS..... | 9 |
| 5.3. MEASUREMENT UNCERTAINTY..... | 9 |
| 6 CONDUCTED EMISSION MEASUREMENT | 10 |
| 6.1. LIMITS OF CONDUCTED EMISSION MEASUREMENT..... | 10 |
| 6.2. TEST INSTRUMENTS | 10 |
| 6.3. TEST PROCEDURES | 11 |
| 6.4. TEST SETUP | 12 |
| 6.5. TEST RESULTS..... | 12 |
| 7 RADIATED EMISSION MEASUREMENT | 15 |
| 7.1. LIMITS OF RADIATED EMISSION MEASUREMENT..... | 15 |
| 7.2. TEST INSTRUMENTS | 15 |
| 7.3. TEST PROCEDURES | 16 |
| 7.4. TEST SETUP | 18 |
| 7.5. TEST RESULTS..... | 19 |
| 8 PHOTOGRAPHS OF THE TEST CONFIGURATION | 23 |
| 9 PHOTOGRAPHS OF EUT | 26 |



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1 TEST RESULT CERTIFICATION

Product: MID

Model: ZT280-C91

Trade Mark: N/A

Applicant: **Shenzhen Zenithink Technologies Co., Ltd.**

2nd Floor, Building M-3, Maqueling Industrial Zone, Nanshan District, Shenzhen,
518057 China

Manufacturer: **Guangzhou C&Q Telecom Equipment Co., Ltd.**

No.9 Shenzhou Road, Guangzhou Science City, Guangzhou, China

Tested Date: September 08 ~ September 20, 2011

Test Voltage: AC 120V/60Hz

EMISSION

| Standard | Item | Result | Remarks |
|-------------------------------|-----------------------|--------|--------------------|
| FCC 47 CFR Part 15 Subpart B, | Conducted (Main Port) | PASS | Meet Class B limit |
| ANSI C63.4-2003 | Radiated | PASS | Meet Class B limit |

Note: 1. The test result judgment is decided by the limit of measurement standard
2. The information of measurement uncertainty is available upon the customer's request.

Deviation from Applicable Standard

None

The above equipment has been tested by World Standardization Certification & Testing Co., Ltd and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:

Date: 2011-09-20

(Davis Zhou)

Check By:

Date: 2011-09-20

(Mike Mo)

Approved By:

Date: 2011-09-20

(Kallen Wang)



Report reference No.: WSCT11090542E

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Revised: None

2 EUT DESCRIPTION

| | |
|----------------------|--|
| Product | MID |
| Trade Mark | N/A |
| Model | ZT280-C91 |
| Applicant | Shenzhen Zenithink Technologies Co., Ltd. |
| EUT Type | <input checked="" type="checkbox"/> Engineering Sample <input type="checkbox"/> Product Sample <input type="checkbox"/> Mass Product Sample |
| Serial Number | N/A |
| Power Rating | AC 100-240V 50/60Hz 18W |
| DC Line | Unshielded, 1.4m |

I/O PORT

| I/O PORT TYPES | Q'TY | TESTED WITH |
|----------------|------|-------------|
| USB Port | 2 | 1 |
| DC In Port | 1 | 1 |
| SD Card Port | 1 | 1 |
| Earphone Port | 1 | 1 |
| HDMI Port | 1 | N/A |
| DEV Port | 1 | N/A |

Note: N/A stand for no applicable.

Models difference

N/A

3 TEST METHODOLOGY

3.1. DECISION OF FINAL TEST MODE

The EUT was tested together with the thereafter additional components, and a configuration, which produced the worst emission levels, was selected and recorded in this report.

The following test mode(s) were scanned during the preliminary test:

| Pre-Test Mode | | |
|---------------|--------------------|---------------------------|
| Emission | Conducted Emission | Mode 1: Data Transmitting |
| | Radiated Emission | Mode 1: Data Transmitting |

After the preliminary scan, the following test mode was found to produce the highest emission level.

| The Worst Test Mode | | |
|---------------------|--------------------|--------------------------|
| Emission | Conducted Emission | Mode : Data Transmitting |
| | Radiated Emission | Mode : Data Transmitting |

Then, the EUT configuration and cable configuration of the above highest emission mode was chosen for all final test items.

3.2. EUT SYSTEM OPERATION

1. Set up EUT with the relative support equipments.
2. Make sure the EUT worked normally during the test.



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Revised: None

4 SETUP OF EQUIPMENT UNDER TEST

4.1. DESCRIPTION OF SUPPORT UNITS

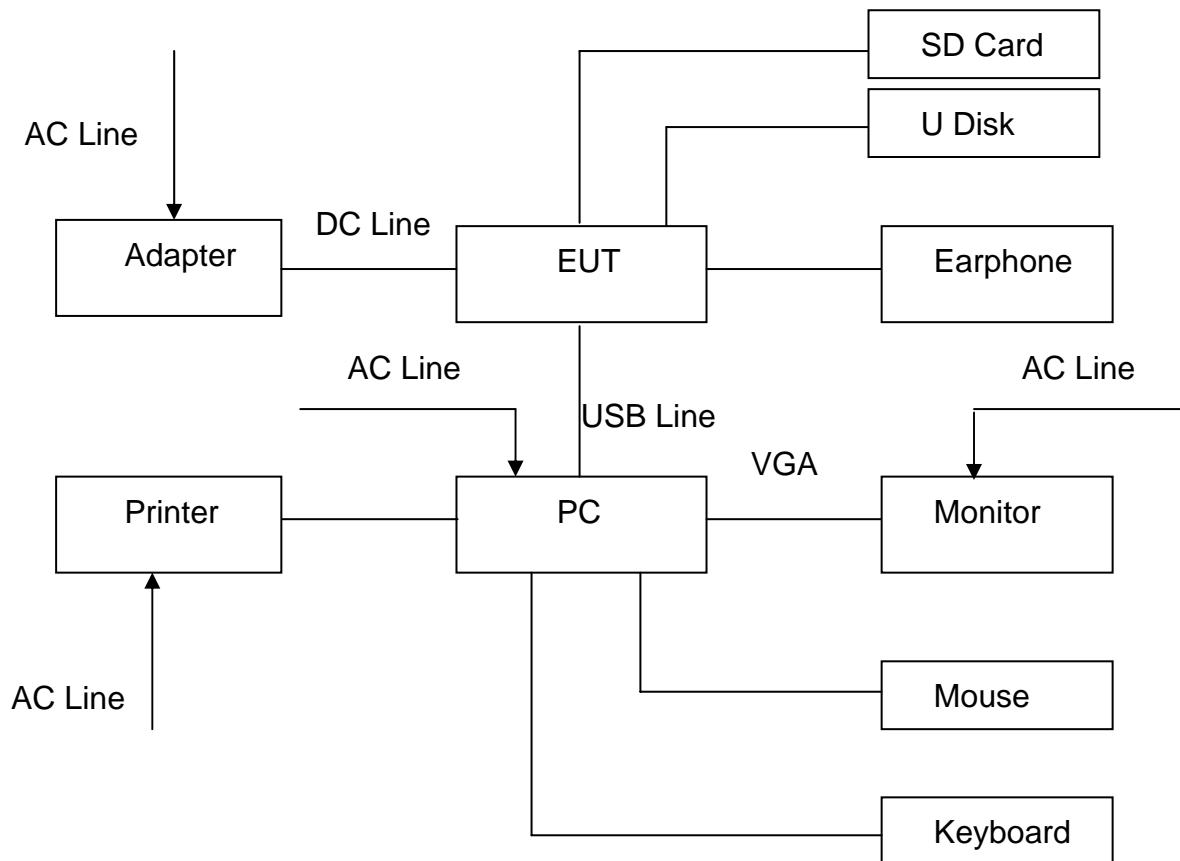
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| No. | Equipment | Model No. | Serial No. | FCC ID | Trade Name | Data Cable | Power Cord |
|-----|-----------|-----------|------------|--------|------------|------------|------------|
| 1 | PC | dx2700 | CNG7140T7P | N/A | HP | N/A | N/A |
| 2 | Monitor | HPL1706V | CND74535YZ | N/A | HP | N/A | N/A |
| 3 | Keyboard | SK-2880 | 435302-AA1 | N/A | HP | N/A | N/A |
| 4 | Mouse | N/A | N/A | N/A | HP | N/A | N/A |
| 5 | SD Card | N/A | N/A | N/A | Canon | N/A | N/A |
| 6 | U Disk | N/A | N/A | N/A | N/A | N/A | N/A |
| 7 | Earphone | N/A | N/A | N/A | N/A | N/A | N/A |
| 8 | Printer | R2900 | N/A | N/A | EPSON | N/A | N/A |

Note:

- 1) All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2) Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

4.2. CONFIGURATION OF SYSTEM UNDER TEST



(EUT: MID)

5 FACILITIES AND ACCREDITATIONS

5.1. FACILITIES

All measurement facilities used to collect the measurement data are located at

World Standardization Certification & Testing CO., LTD.

Building A, Baoshi Road, Baoshi Science & Technology Park, Bao'an District, Shenzhen, Guangdong, China

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

5.2. ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

| | |
|---------|--|
| USA | FCC (The certificate registration number is 131628) |
| Japan | TIMCO (The certificate registration number is Q2001) |
| Canada | VCCI (The certificate registration number is C-2912, R-2662) |
| | INDUSTRY CANADA |
| Germany | (The certificated registration number is 46405-7700) |
| | TUV |
| | (The certificate registration number is UA50138086-0001,UA50138086-0002) |
| | EMCC (The certificated registration number is 080380) |
| China | CNAS (The certificated registration number is L3732) |

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.wsct.org.cn>

5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

| Measurement | Frequency | | Uncertainty |
|---------------------|--------------|-----------------|-------------|
| Conducted emissions | 150kHz~30MHz | | +/- 3.59dB |
| Radiated emissions | Horizontal | 30MHz ~ 200MHz | +/- 4.77dB |
| | | 200MHz ~1000MHz | +/- 4.93dB |
| | Vertical | 30MHz ~ 200MHz | +/- 5.04dB |
| | | 200MHz ~1000MHz | +/- 4.93dB |

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



6 CONDUCTED EMISSION MEASUREMENT

6.1. LIMITS OF CONDUCTED EMISSION MEASUREMENT

| FREQUENCY (MHz) | Class A (dBuV) | | Class B (dBuV) | |
|-----------------|----------------|---------|----------------|---------|
| | Quasi-peak | Average | Quasi-peak | Average |
| 0.15 - 0.5 | 79 | 66 | 66 - 56 | 56 - 46 |
| 0.50 - 5.0 | 73 | 60 | 56 | 46 |
| 5.0 - 30.0 | 73 | 60 | 60 | 50 |

NOTE:

- (1) The lower limit shall apply at the transition frequencies.
- (2) The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.
- (3) All emanations from EUT or system shall not exceed the level of field strengths specified above.

6.2. TEST INSTRUMENTS

| Conducted Emission Shielding Room Test Site 843 | | | | |
|---|---------------|--------|---------------|-----------------|
| Name of Equipment | Manufacturer | Model | Serial Number | Calibration Due |
| EMI Test Receiver | ROHDE&SCHWARZ | ESCI | 100005 | 09/24/2011 |
| LISN | AFJ | LS16 | 16010222119 | 09/29/2011 |
| LISN | Meestec | AN3016 | 04/10040 | 09/28/2011 |

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to International system of unit (SI).

2. N.C.R = No Calibration Request.

6.3. TEST PROCEDURES

Procedure of Preliminary Test

The EUT and Support equipment, if needed, was set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor standing equipment, it is placed on the ground plane, which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

The EUT test program was started. Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in Item 3.1 were scanned during the preliminary test.

After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

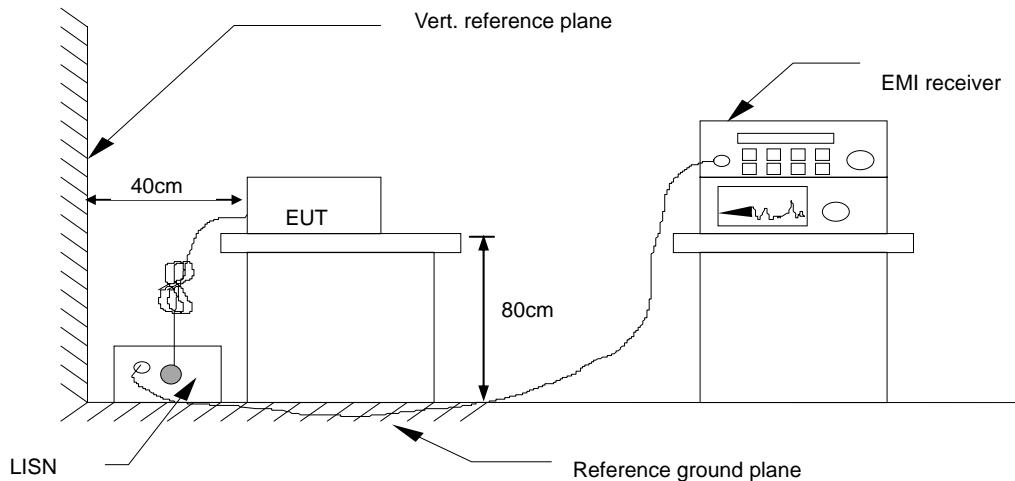
Procedure of Final Test

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

6.4. TEST SETUP



For the actual test configuration, please refer to the related item - Photographs of the Test Configuration.

6.5. TEST RESULTS

| | | | |
|---------------------------------|------------------------|----------------------|-------------------|
| Model No. | ZT280-C91 | 6dB Bandwidth | 120 KHz |
| Environmental Conditions | 26°C, 60% RH, 100.0kPa | Test Mode | Data Transmitting |
| Detector Function | Peak / Quasi-peak/AV | Test Result | Pass |
| Test By | Davis Zhou | | |

NOTE: 1. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line).

2. “--” denotes the emission level was or more than 2dB below the Average limit, so no re-check anymore.

Freq. = Emission frequency in MHz

Reading level(dBuV) = Receiver reading

Corr. Factor (dB) = Attenuator Factor+ Cable loss

Level (dBuV) = Reading level(dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Level (dBuV) – Limits (dBuV)

Q.P.=Quasi-Peak

Please refer to following diagram for individual

Conducted Emission Measurement

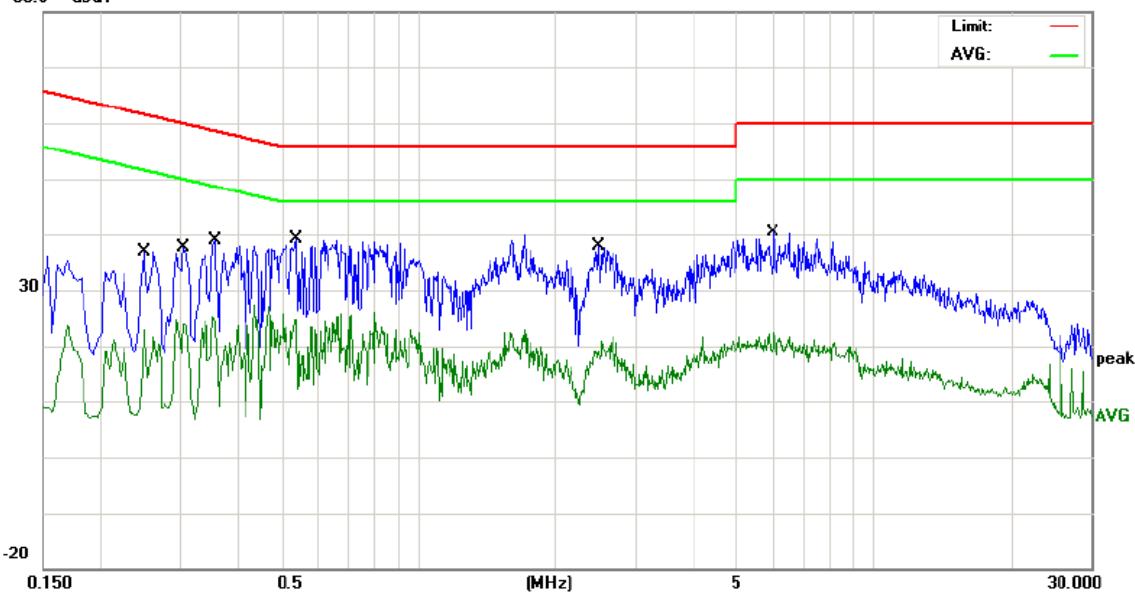
File : Zenithink

Data #: 4

Date: 11/09/16/

Time: 13:51:14

80.0 dBuV



Site 843 Shielded Room

Phase: L1

Temperature: 26

Limit: FCC Part15 B Conduction(QP)

Power: AC 120V/60Hz

Humidity: 60 %

EUT: MID

M/N: ZT280-C91

Mode: Data Transmitting

Note:

| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Over | Detector | Comment |
|-----|-----|--------|---------|---------|----------|-------|--------|----------|---------|
| | | | Level | Factor | ment | | | | |
| | | MHz | dBuV | dB | dBuV | dB | | | |
| 1 | | 0.2500 | 26.39 | 10.48 | 36.87 | 61.75 | -24.88 | | QP |
| 2 | | 0.2500 | 6.05 | 10.48 | 16.53 | 51.75 | -35.22 | | AVG |
| 3 | | 0.3060 | 26.98 | 10.64 | 37.62 | 60.08 | -22.46 | | QP |
| 4 | | 0.3060 | 10.56 | 10.64 | 21.20 | 50.08 | -28.88 | | AVG |
| 5 | | 0.3580 | 28.40 | 10.56 | 38.96 | 58.77 | -19.81 | | QP |
| 6 | | 0.3580 | 7.82 | 10.56 | 18.38 | 48.77 | -30.39 | | AVG |
| 7 | * | 0.5420 | 28.52 | 10.53 | 39.05 | 56.00 | -16.95 | | QP |
| 8 | | 0.5420 | 8.73 | 10.53 | 19.26 | 46.00 | -26.74 | | AVG |
| 9 | | 2.4940 | 27.35 | 10.54 | 37.89 | 56.00 | -18.11 | | QP |
| 10 | | 2.4940 | 7.08 | 10.54 | 17.62 | 46.00 | -28.38 | | AVG |
| 11 | | 6.0420 | 29.82 | 10.56 | 40.38 | 60.00 | -19.62 | | QP |
| 12 | | 6.0420 | 6.73 | 10.56 | 17.29 | 50.00 | -32.71 | | AVG |

*:Maximum data x:Over limit l:over margin

(Reference Only)

Conducted Emission Measurement

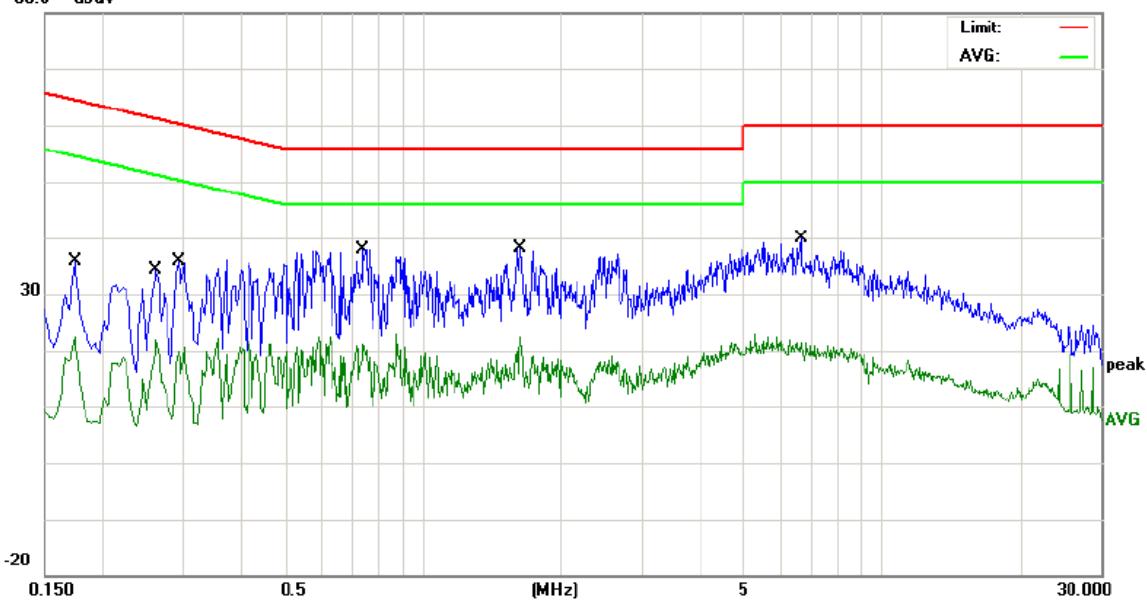
File : Zenithink

Data : #3

Date: 11/09/16/

Time: 13:48:35

80.0 dBuV



Site: 843 Shielded Room

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Conduction(QP)

Power: AC 120V/60Hz

Humidity: 60 %

EUT: MID

M/N: ZT280-C91

Mode: Data Transmitting

Note:

| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Over | Detector | Comment |
|-----|-----|--------|---------|---------|----------|-------|--------|----------|---------|
| | | | Level | Factor | ment | | | | |
| | | MHz | dBuV | dB | dBuV | dB | | | |
| 1 | | 0.1740 | 25.41 | 10.38 | 35.79 | 64.76 | -28.97 | QP | |
| 2 | | 0.1740 | 9.28 | 10.38 | 19.66 | 54.76 | -35.10 | AVG | |
| 3 | | 0.2620 | 23.75 | 10.52 | 34.27 | 61.36 | -27.09 | QP | |
| 4 | | 0.2620 | 5.66 | 10.52 | 16.18 | 51.36 | -35.18 | AVG | |
| 5 | | 0.2940 | 25.21 | 10.63 | 35.84 | 60.41 | -24.57 | QP | |
| 6 | | 0.2940 | 3.83 | 10.63 | 14.46 | 50.41 | -35.95 | AVG | |
| 7 | | 0.7420 | 27.19 | 10.73 | 37.92 | 56.00 | -18.08 | QP | |
| 8 | | 0.7420 | 3.97 | 10.73 | 14.70 | 46.00 | -31.30 | AVG | |
| 9 | * | 1.6300 | 27.56 | 10.52 | 38.08 | 56.00 | -17.92 | QP | |
| 10 | | 1.6300 | 5.83 | 10.52 | 16.35 | 46.00 | -29.65 | AVG | |
| 11 | | 6.6940 | 29.45 | 10.53 | 39.98 | 60.00 | -20.02 | QP | |
| 12 | | 6.6940 | 7.71 | 10.53 | 18.24 | 50.00 | -31.76 | AVG | |

*:Maximum data x:Over limit !:over margin

(Reference Only)



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7 RADIATED EMISSION MEASUREMENT

7.1. LIMITS OF RADIATED EMISSION MEASUREMENT

Maximum permissible level of Radiated Emission measured at 3 meter

| FREQUENCY (MHz) | dBuV/m (At 3m) |
|-----------------|----------------|
| | Class B |
| 30~88 | 40.00 |
| 88~216 | 43.50 |
| 216~960 | 46.00 |
| 960~1000 | 54.00 |

NOTE: (1) The lower limit shall apply at the transition frequencies.

(2) Emission level (dBuV/m) = 20 log Emission level (uV/m).

7.2. TEST INSTRUMENTS

| Radiated Emission Test Site 966 | | | | |
|---------------------------------|----------------|---------|---------------|-----------------|
| Name of Equipment | Manufacturer | Model | Serial Number | Calibration Due |
| EMI Test Receiver | ROHDE&SCHWARZ | ESCI | 100005 | 09/24/2011 |
| Spectrum Analyzer | R&S | FSU | 100114 | 09/13/2012 |
| Pre Amplifier | H.P. | HP8447E | 2945A02715 | 09/24/2011 |
| Bilog Antenna | SUNOL Sciences | JB3 | A021907 | 09/10/2012 |
| Cable | TIME MICROWAVE | LMR-400 | N-TYPE04 | 09/09/2012 |
| System-Controller | CCS | N/A | N/A | N.C.R |
| Turn Table | CCS | N/A | N/A | N.C.R |
| Antenna Tower | CCS | N/A | N/A | N.C.R |

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to International system of unit (SI).

2. N.C.R = No Calibration Request.

7.3. TEST PROCEDURES

Procedure of Preliminary Test

The equipment was set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which is placed on the ground plane. When the EUT is a floor standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.

Support equipment, if needed, was placed as per ANSI C63.4.

All I/O cables were positioned to simulate typical usage as per ANSI C63.4.

Mains cables, telephone lines or other connections to auxiliary equipment located outside the test are shall drape to the floor, be fitted with ferrite clamps or ferrite tubes placed on the floor at the point where the cable reaches the floor and then routed to the place where they leave the turntable. No extension cords shall be used to mains receptacle.

The antenna was placed at 3 meter away from the EUT as stated in ANSI C63.4. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.

The Analyzer / Receiver quickly scanned from 30MHz to 1000MHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

The test mode(s) described in Item 3.1 were scanned during the preliminary test:

After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.

The EUT and worse cable configuration, antenna position, polarization and turntable position of the above highest emission level were recorded for the final test.

When measuring emissions above 1GHz, the frequencies of maximum emission shall be determined by manually positioning the antenna close to the EUT and by moving the antenna over all sides of the EUT while observing a spectral display. It will be advantageous to have prior knowledge of the frequencies of emissions above 1GHz. If the EUT is a device with dimensions approximately equal to that of the measurement antenna beam width, the measurement antenna shall be aligned with the EUT.

Procedure of Final Test

EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.

The Analyzer / Receiver scanned from 30MHz to 1000MHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

Recorded at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and only Q.P. reading is presented.

For the measurement above 1GHz, use the cable, EUT arrangement, and mode of operation determined in the exploratory testing to produce the emission that has the highest amplitude relative to the limit.

Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the antenna in the "cone of radiation" from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response.

The antenna may have to be higher or lower than the EUT, depending on the EUT's size and mounting height, but the antenna should be restricted to a range of height of from 1m to 4m above the ground or reference ground plane.

If the transmission line for the measurement antenna restricts its range of height and polarization, the steps needed to ensure the correct measurement of the maximum emissions, shall be described in detail in the report of the measurements.

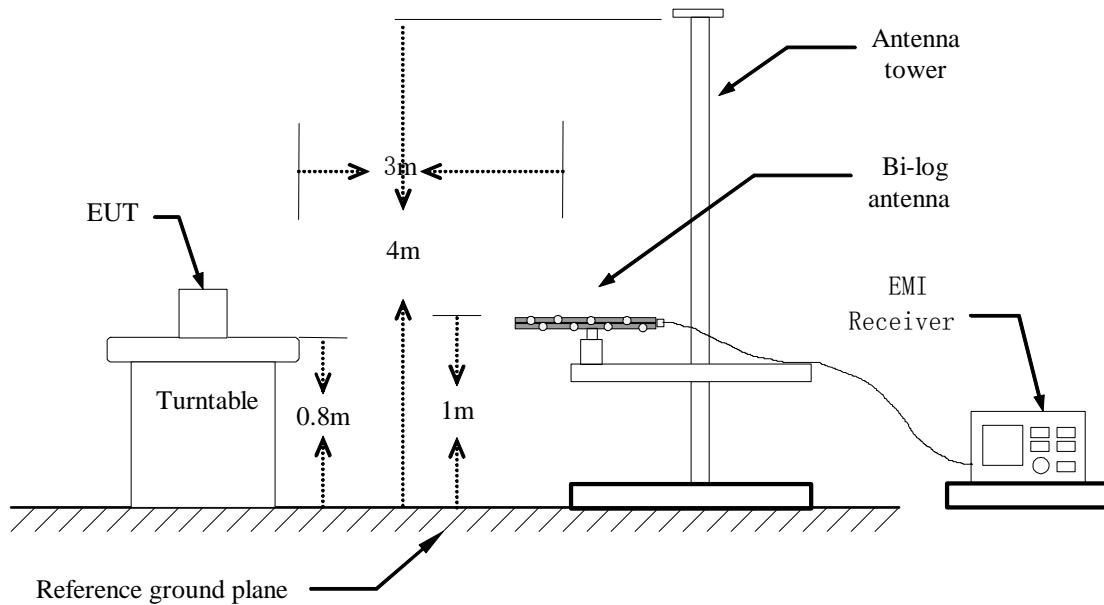
using the procedures above to measure with peak detector function, if the result comply with the average limit specified by the appropriate regulation, record the EUT arrangement, mode of operation, and cable positions used for final radiated emission measurement , this can be done with either diagrams or photographs.

Set the detector function of the measuring instrument to average mode, using the procedures above and remeasure only those emissions that complied with the peak limits but exceeded the average limits.

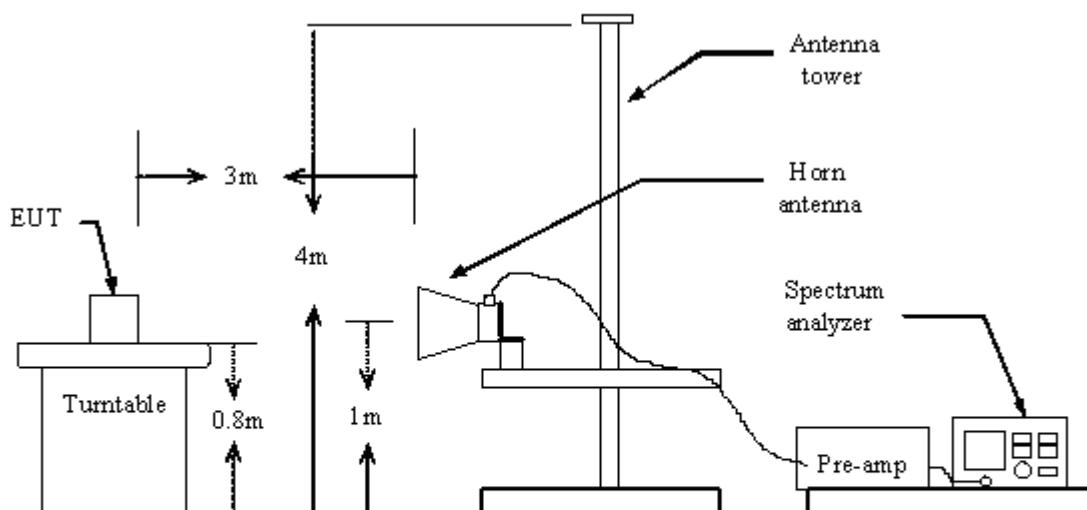
Recorded at least the six highest emissions.

7.4. TEST SETUP

Below 1GHz



Above 1GHz



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.



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7.5. TEST RESULTS

| | | | |
|---------------------------------|------------------------|-------------------------|-------------------|
| Model No. | ZT280-C91 | Test Mode | Data Transmitting |
| Environmental Conditions | 26°C, 55% RH, 100.0kPa | 6dB Bandwidth | 120 KHz |
| Antenna Pole | Vertical / Horizontal | Antenna Distance | 3m |
| Detector Function | Peak / Quasi-peak | Test Result | Pass |

Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss

Measurement (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Measurement (dBuV) – Limits (dBuV)

Please refer to following diagram for individual

Radiated Emission Measurement

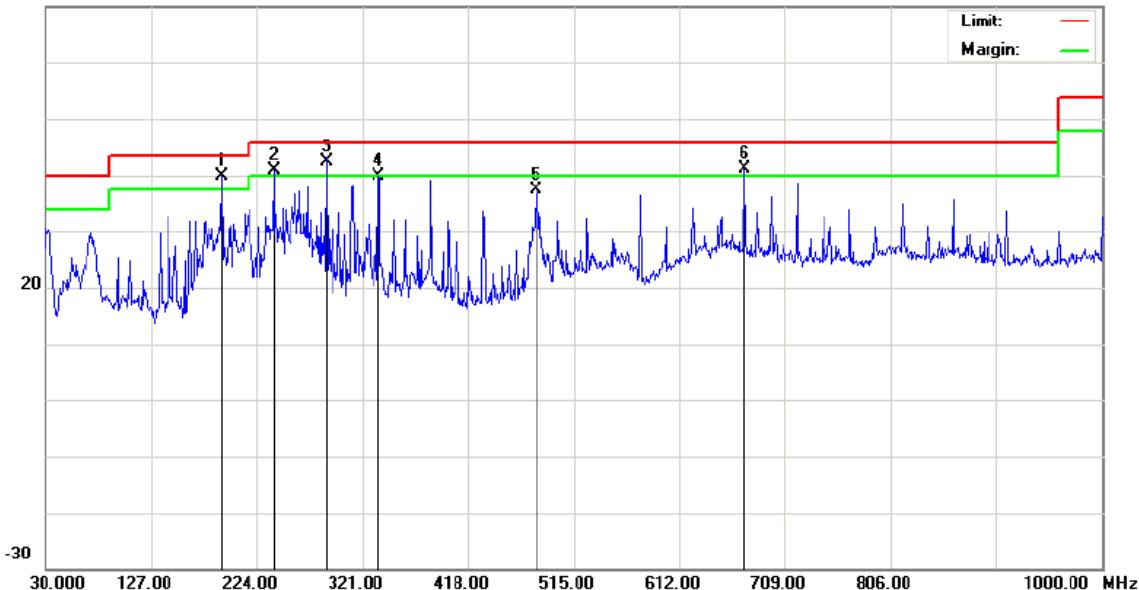
File : Zenithink

Data #: 5

Date: 2011/09/16

Time: 15:08:22

70.0 dBuV/m



Site: 966

 Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15B _ RE 3M

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

Distance:

M/N: ZT280-C91

Mode: Data Transmitting

Note:

| No. | Mk. | Freq. | Reading | Correct | Measure- | Limit | Over | Antenna | Table | | | |
|-----|-----|----------|---------|---------|----------|--------|--------|---------|----------|--------|--------|---------|
| | | | Level | Factor | ment | | | | | Height | Degree | |
| | | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | ! | 191.9900 | 48.29 | -8.50 | 39.79 | 43.50 | -3.71 | QP | | | | |
| 2 | ! | 239.5200 | 49.05 | -8.27 | 40.78 | 46.00 | -5.22 | QP | | | | |
| 3 | * | 288.0199 | 47.25 | -4.84 | 42.41 | 46.00 | -3.59 | QP | | | | |
| 4 | | 335.5500 | 44.80 | -4.98 | 39.82 | 46.00 | -6.18 | QP | | | | |
| 5 | | 480.0799 | 40.96 | -3.49 | 37.47 | 46.00 | -8.53 | QP | | | | |
| 6 | ! | 672.1399 | 37.47 | 3.54 | 41.01 | 46.00 | -4.99 | QP | | | | |

*:Maximum data x:Over limit !:over margin

<Reference Only>

Radiated Emission Measurement

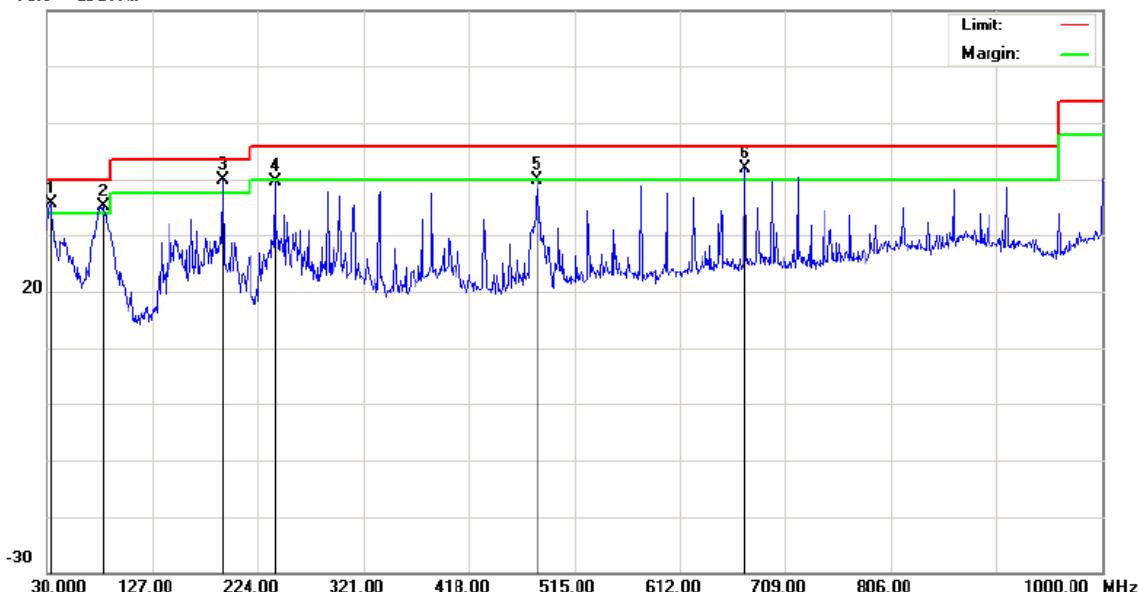
File :Zenithink

Data #:4

Date: 2011/09/16

Time: 15:07:10

70.0 dBuV/m



Site 966

 Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15B _ RE 3M

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

Distance:

M/N: ZT280-C91

Mode: Data Transmitting

Note:

| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1 | ! | 33.8800 | 41.70 | -6.04 | 35.66 | 40.00 | -4.34 | QP | | |
| 2 | ! | 82.3799 | 48.15 | -13.14 | 35.01 | 40.00 | -4.99 | QP | | |
| 3 | * | 191.9900 | 45.30 | -5.47 | 39.83 | 43.50 | -3.67 | QP | | |
| 4 | | 239.5200 | 48.39 | -8.88 | 39.51 | 46.00 | -6.49 | QP | | |
| 5 | | 480.0799 | 42.95 | -3.02 | 39.93 | 46.00 | -6.07 | QP | | |
| 6 | ! | 672.1399 | 40.19 | 1.63 | 41.82 | 46.00 | -4.18 | QP | | |

*:Maximum data x:Over limit !:over margin

(Reference Only)



Report reference No.: WSCT11090542E

Issued: September 20, 2011

Revised: None

Test Result Above 1GHz

| Frequency (MHz) | Ant. Pol. | Corr.Factor (dB) | Level (dBuV) | Limit (dBuV) | Margin | Note | Result |
|-----------------|-----------|------------------|--------------|--------------|--------|------|--------|
| 1508.00 | H | 27.81 | 58.95 | 74.00 | -15.05 | Peak | Pass |
| 1508.00 | H | 27.81 | 43.21 | 54.00 | -10.79 | AV | Pass |
| | | | | | | | |
| 1602.00 | V | 28.48 | 59.06 | 74.00 | -14.94 | Peak | Pass |
| 1602.00 | V | 28.48 | 44.24 | 54.00 | -9.76 | AV | Pass |

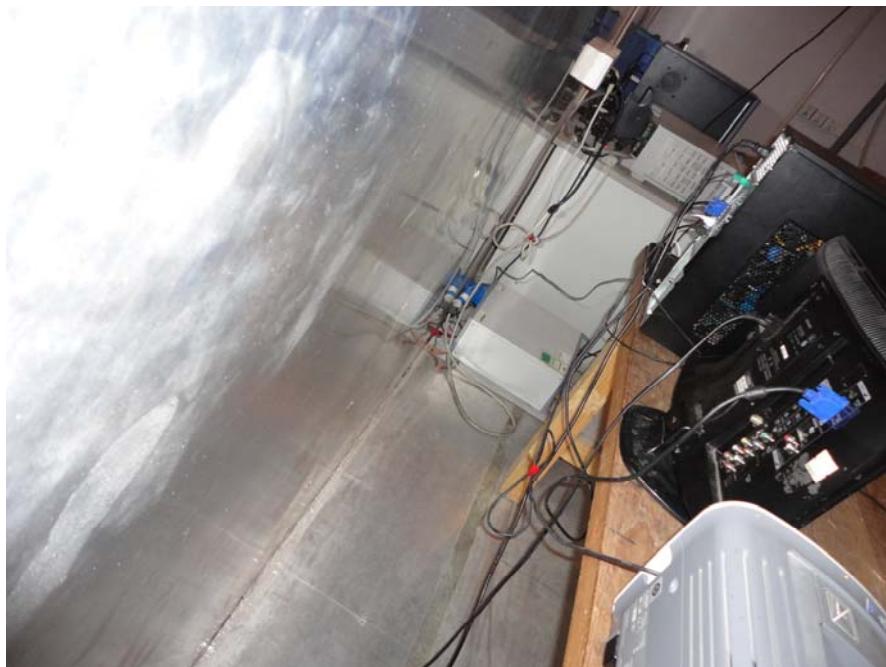
Note: 1. Level = Correction factor + Meter Reading

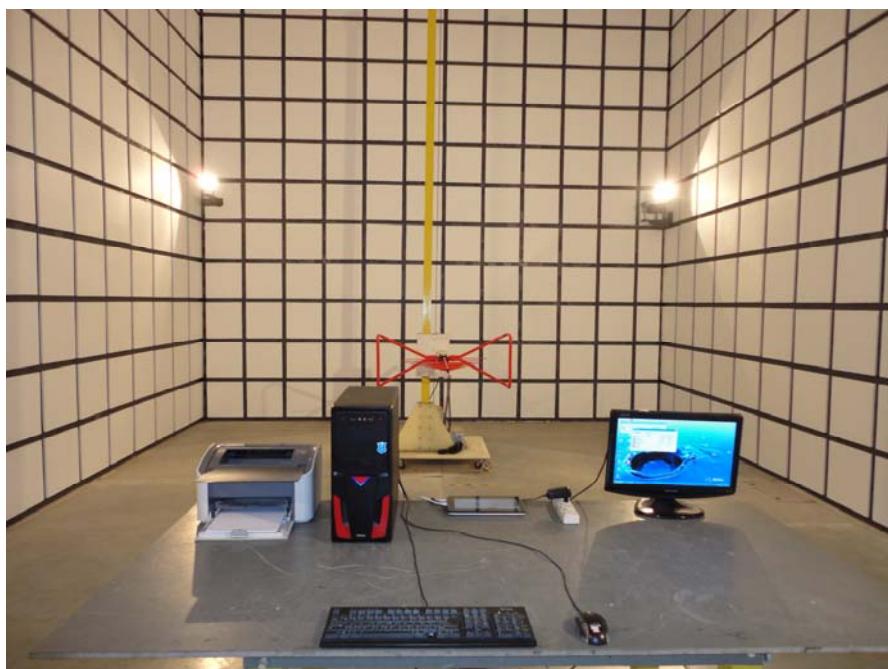
2. Correction factor=antenna factor + cable loss - preamplifier gain.

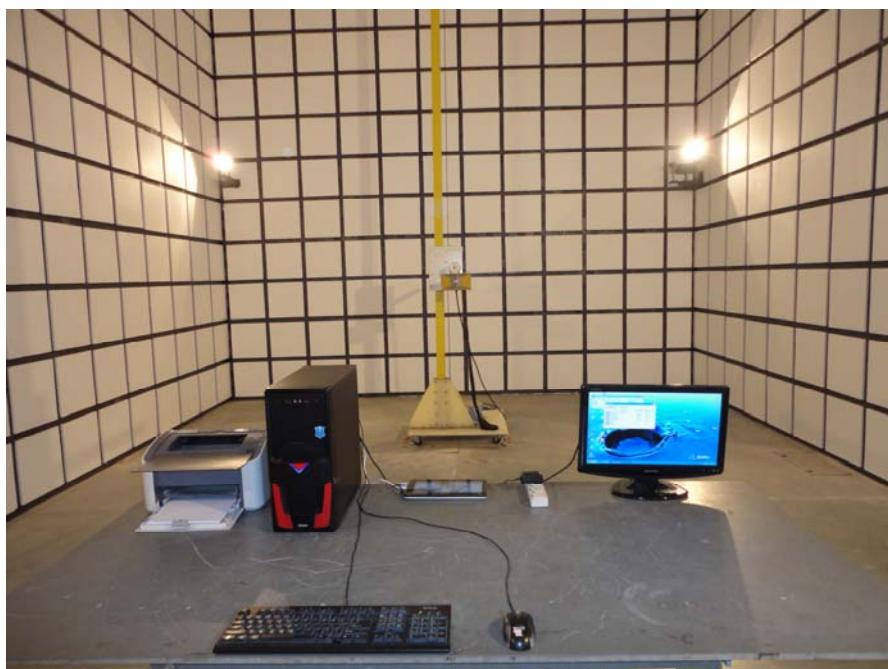
3. – means to the measure is no necessary, due to the PK value comply with AV limits.

8 PHOTOGRAPHS OF THE TEST CONFIGURATION

CONDUCTED EMISSION TEST



RADIATED EMISSION TEST BELOW 1GHz

RADIATED EMISSION TEST ABOVE 1GHz

9 PHOTOGRAPHS OF EUT

Appearance photograph of EUT



Appearance photograph of EUT



Appearance photograph of EUT



Appearance photograph of EUT

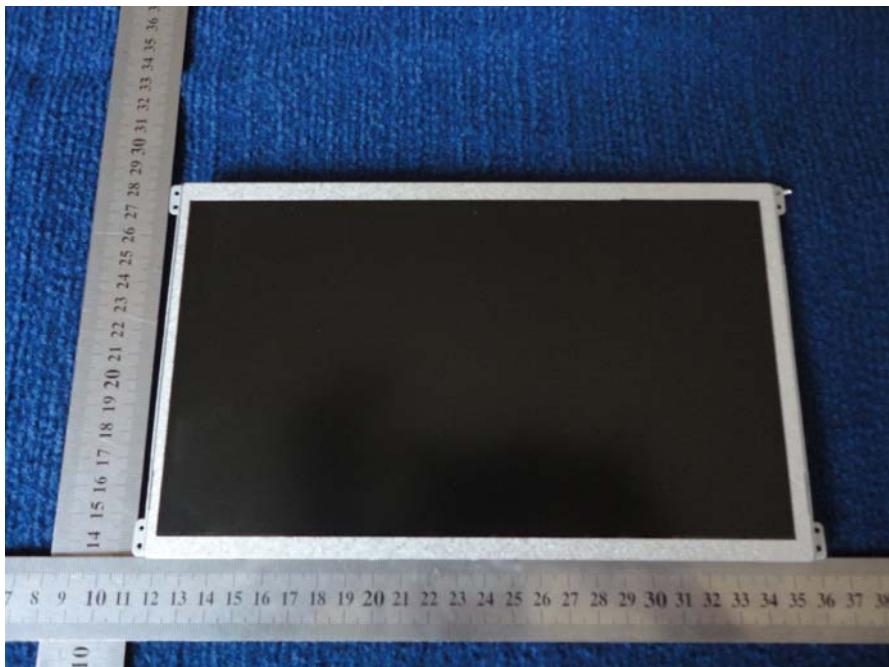


Appearance photograph of Adapter

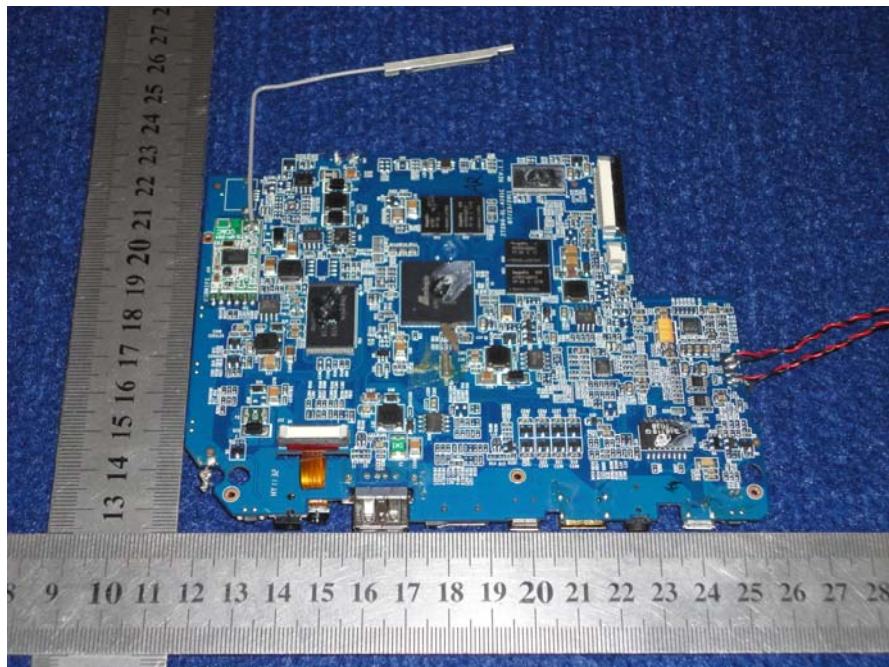


Appearance photograph of Adapter



Internal photograph of EUT**Internal photograph of EUT**

PCB photograph of EUT



PCB photograph of EUT

