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Report No.: SHEM170300112001
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1 Cover Page

TEST REPORT

Application No.: SHEM1703001120IT

Applicant: Zhejiang Dahua Vision Technology Co., Ltd.

Equipment under Test (EUT)

NOTE: The following sample(s) was/were submitted and identified by the client as.

Product Name: IP Camera

Model No.(EUT): DH-IPC-EBW8630P

Add Model No.: IPC-EBW81230, DH-IPC-EBW81230, IPC-EBW81230P, IPC-EBW81230N,
DH-IPC-EBW81230P, DH-IPC-EBW81230N, IPC-EBW8630, DH-IPC-EBW8630,
IPC-EBW8630P, IPC-EBW8630N, DH-IPC-EBW8630N, IPC-EBW8630N-IVC,
IPC-EBW8630P-IVC, DH-IPC-EBW8630P-IVC, DH-IPC-EBW8630N-IVC

Standards: ICES-003 Issue 6: 2016

Date of Receipt: 2017-03-08

Date of Test: 2017-03-09

Date of Issue: 2017-03-17

| | |
|---------------------|--------------|
| Test Result: | Pass* |
|---------------------|--------------|

* In the configuration tested, the EUT detailed in this report complied with the standards specified above.



Parlam Zhan
E&E Section Manager
SGS-CSTC (Shanghai) Co., Ltd.

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

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2 Test Summary

| ELECTROMAGNETIC INTERFERENCE (EMI) | | | |
|---|------------------------|------------------|--------|
| Test | Test Requirement | Test Method | Result |
| Conducted Emission (150kHz to 30MHz) | ICES-003 Issue 6: 2016 | ANSI C63.4: 2014 | PASS |
| Radiated Emission, (30MHz to 1GHz) | ICES-003 Issue 6: 2016 | ANSI C63.4: 2014 | PASS |
| Radiated Emission above 1 GHz | ICES-003 Issue 6: 2016 | ANSI C63.4: 2014 | PASS* |
| <p>Remark:</p> <p>N/A: Not Applicable.</p> <p>Note1:* The highest frequency of the internal sources of the EUT is above 1GHz, the measurement shall be made up to 5 times the highest frequency of 6GHz, whichever is less.</p> <p>Note2: There are series models mentioned in this report and they are the similar in electrical and electronic characters. Only the model DH-IPC-EBW8630P was tested since their differences are pixel.</p> | | | |

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4 General Information

4.1 Client Information

Applicant: Zhejiang Dahua Vision Technology Co., Ltd.
 Address of Applicant: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China
 Manufacturer: Zhejiang Dahua Vision Technology Co., Ltd.
 Address of Manufacturer: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China
 Factory: Zhejiang Dahua Vision Technology Co., Ltd.
 Address of Factory: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China

4.2 Details of E.U.T.

Power Supply: DC12V or PoE

4.3 E.U.T Operation Mode

Functions/Modes: a; Monitoring mode
 Monitoring mode: Keep EUT monitoring continual.

4.4 E.U.T Operation Environment

Temperature Range: 20-25°C
 Humidity Range: 30-60% RH
 Atmospheric Pressure Range: 100-105kPa

4.5 Description of Support Units

The EUT has been tested with associated equipment below.

| Description | Manufacturer | Model No. |
|---------------------|--------------|-----------------|
| Laptop 1 | LENOVO | R400 |
| Switching Adapter 1 | Aoepower | BSW0127-1210002 |

4.6 Deviation from Standards

None.

4.7 Abnormalities from Standard Conditions

None.

4.8 Modification/Retest Record

None.

4.9 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. E&E Lab

588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China

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4.10 Test Facility

- **CNAS (No. CNAS L0599)**

CNAS has accredited SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing. Date of expiry: 2017-07-14.

- **FCC – Registration No.: 402683**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered and fully described in a report filed with the Federal Communications Commission (FCC). The acceptance letter from the FCC is maintained in our files. Registration No.: 402683, Expiry Date: 2017-09-16.

- **Industry Canada (IC) – IC Assigned Code: 8617A**

The 3m Semi-anechoic chamber of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 8617A-1. Expiry Date: 2017-06-18.

- **VCCI (Member No.: 3061)**

The 3m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-3868,C-4336,T-2221,G-830 respectively. Date of Expiry: 2017-11-16.

5 Equipment list

Conducted Emission

| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Cal. Date | Cal.Due date |
|------|--------------------------------------|-----------------|-----------|------------|------------|--------------|
| 1 | EMI test receiver | Rohde & Schwarz | ESCS30 | 100086 | 2016-12-29 | 2017-12-28 |
| 2 | Line impedance stabilization network | SCHWARZB ECK | NSLK 8127 | 8127490 | 2016-12-29 | 2017-12-28 |
| 3 | Line impedance stabilization network | EMCO | 3816/2 | 00034161 | 2016-12-29 | 2017-12-28 |

Radiated Emission(30M-1G)

| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Cal. Date | Cal.Due date |
|------|---------------------------|-----------------|---------------------|------------|------------|--------------|
| 1 | EMI test receiver | Rohde & Schwarz | ESU40 | SHEM 051-1 | 2016-08-12 | 2017-08-11 |
| 2 | CONTROLLER | INNCO | CO200 | SHEM 047-1 | N/A | N/A |
| 3 | ANTENNA MAST | INNCO | MA400-EP | SHEM 047-2 | N/A | N/A |
| 4 | TURN DEVICE | INNCO | DE 3600-RH | SHEM 047-3 | N/A | N/A |
| 5 | Broadband UHF-VHF ANTENNA | SCHWARZB ECK | VULB 9168 | SHEM 048-1 | 2016-12-29 | 2017-12-28 |
| 6 | Low Frequency Amplifier | CLAVIIO | BDLNA-0 001-4120 10 | SHEM 164-1 | 2016-08-12 | 2017-08-11 |
| 7 | Semi/Fully Anechoic | ST | 11*6*6M | SHEM 078-2 | 2016-08-17 | 2017-08-16 |

Radiated Emission (above1G)

| Item | Test Equipment | Manufacturer | Model No | Serial No. | Cal. Date | Cal.Due date |
|------|--------------------------------------|-----------------|----------------------|------------|------------|--------------|
| 1 | EMI TEST RECEIVER | ROHDE & SCHWARZ | ESU40 | SHEM051-1 | 2016-08-12 | 2017-08-11 |
| 2 | CONTROLLER | INNCO | CO200 | SHEM047-1 | N/A | N/A |
| 3 | ANTENNA MAST | INNCO | MA400-EP | SHEM047-2 | N/A | N/A |
| 4 | TURN DEVICE | INNCO | DE 3600-RH | SHEM047-3 | N/A | N/A |
| 5 | DOUBLE RIDGED BROADBAND HORN ANTENNA | SCHWARZBECK | BBHA 9120D | SHEM050-1 | 2017-01-16 | 2018-01-15 |
| 6 | HIGH-AMPLIFIER | SCHWARZBECK | SCU-F0118-G40-BZ4-CS | SHEM050-2 | 2017-01-14 | 2018-01-13 |
| 7 | SEMI/FULLY ANECHOIC | ST | 11*6*6M | SHEM078-2 | 2016-08-17 | 2017-08-16 |

General used equipment

| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Cal. date | Cal.Due date |
|------|-------------------------------|-----------------------------|------------|--|------------|--------------|
| 1 | Digital pressure meter | YONGZHI | DYM3-01 | 101012 | 2017-03-02 | 2018-03-01 |
| 2 | Temperature&humidity recorder | Shanghai weather meter work | ZJ 1-2B | 84320600 803136, F304020153 ,20101201F S100A6K,20 1106117 | 2016-08-03 | 2017-08-02 |
| 3 | Digital Multimeter | FLUKE | 17B | 19720439 | 2017-01-13 | 2018-01-12 |
| 4 | Autoformer regulator | Guangzhou bao de | TDGC2-5KVA | / | / | / |
| 5 | CLAMP METER | FLUKE | 316 | 2503030971 | 2017-01-13 | 2018-01-12 |

6 Electromagnetic Interference Test Results

6.1 Conducted Emissions on Mains Terminals

Test Frequency: 150 kHz to 30 MHz

Detector: Peak for pre-scan (9 kHz Resolution Bandwidth from 150 kHz to 30 MHz)

Limit:

| Frequency range (MHz) | Class B Limits (dB (μV)) | |
|---|--------------------------|----------|
| | Quasi-peak | Average |
| 0.15 to 0.50 | 66 to 56 | 56 to 46 |
| 0.50 to 5 | 56 | 46 |
| 5 to 30 | 60 | 50 |
| Note1: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50MHz. | | |
| Note2: The lower limit is applicable at the transition frequency. | | |

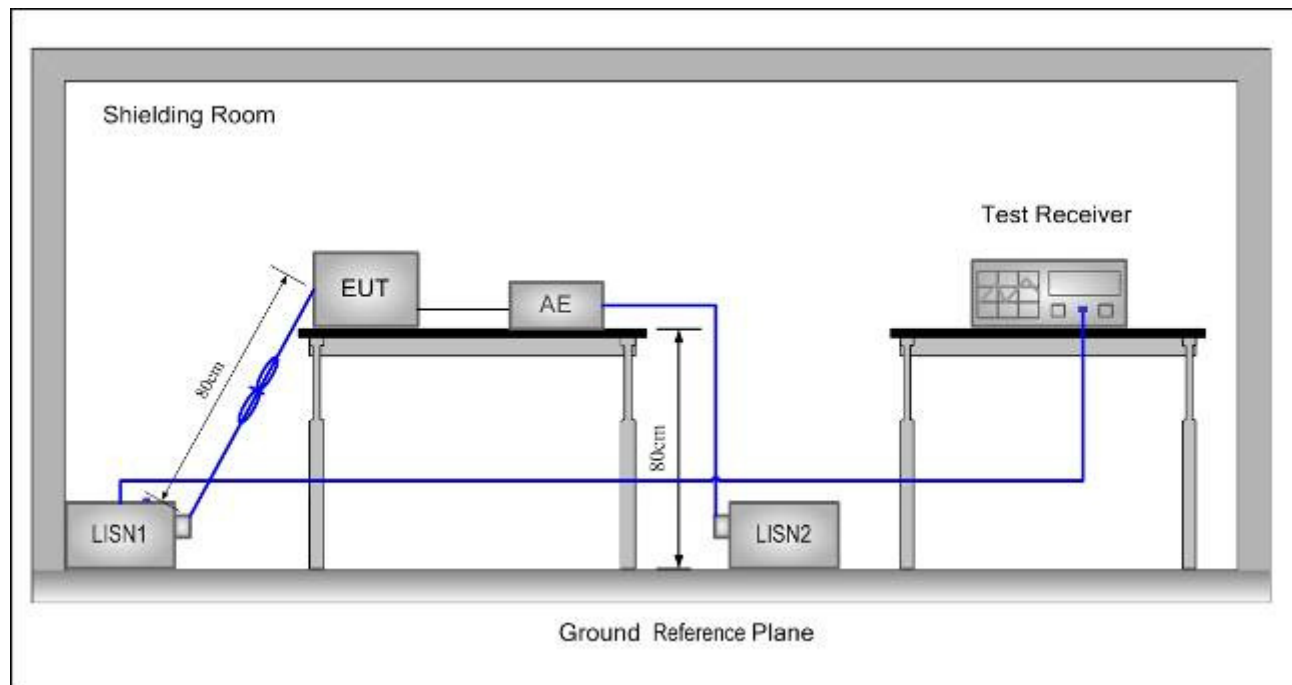
6.1.1 E.U.T. Operation

Test mode: a; Monitoring mode: Keep EUT monitoring continual.

Pre-scan was performed with peak detected on all ports, Quasi-peak & average measurements were performed at the frequencies at which maximum peak emission level were detected.

Please see the attached Quasi-peak and Average test results.

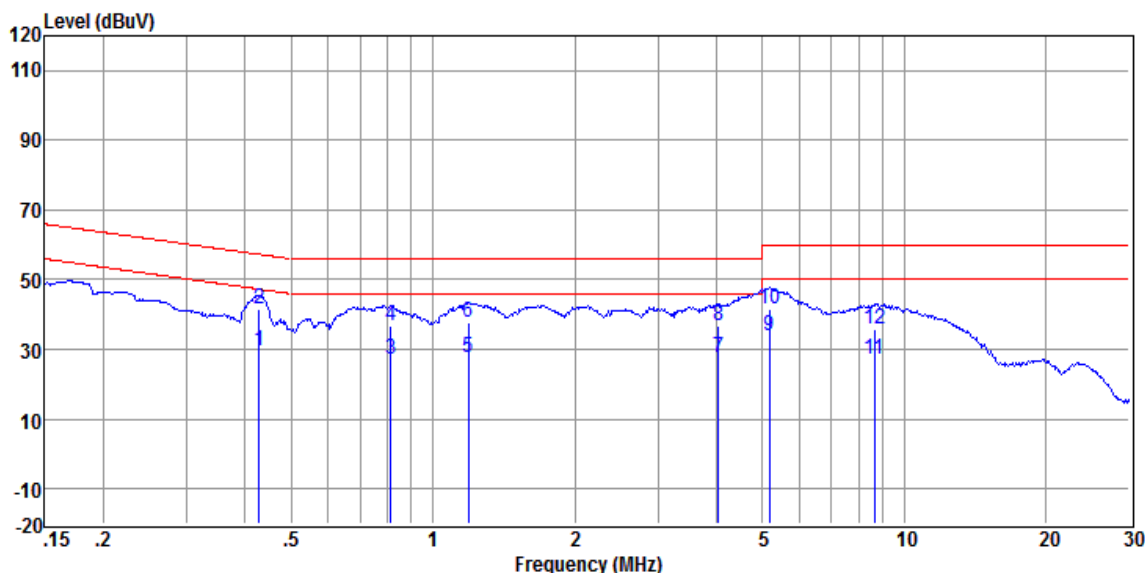
6.1.2 Test Setup and Procedure



1. The mains terminal disturbance voltage was measured with the EUT in a shielded room.
2. The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50\Omega/50\mu\text{H} + 5\Omega$ linear impedance. The power cables of all other units of the EUT was connected to a second LISN, which was bonded to the ground reference plane in the same way as the LISN for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
3. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
4. The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISN mounted on top of the ground reference plane. This distance was between the closest points of the LISN and the EUT. The mains lead of EUT excess 0.8m was folded back and forth parallel to the lead so as to form a horizontal bundle with a length between 0.3m and 0.4m. All other units of the EUT and associated equipment was at least 0,8 m from the LISN.

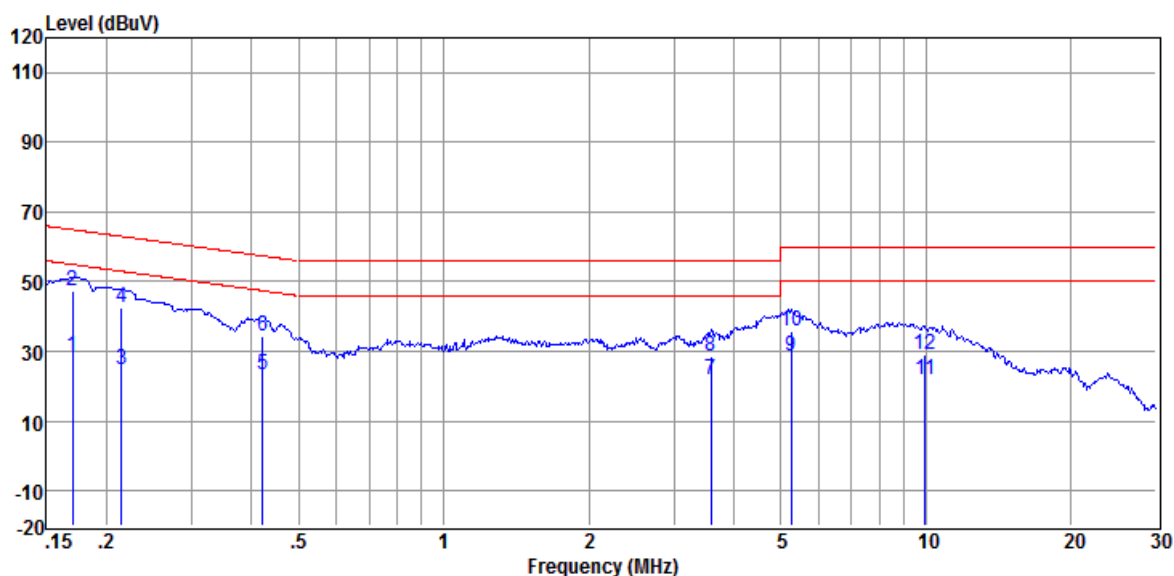
6.1.3 Measurement Data

Live Line:



| Item | Freq. | Read Level | LISN Factor | Cable Loss | Level | Limit Line | Over Limit | Detector |
|--------|-------|------------|-------------|------------|--------|------------|------------|----------|
| (Mark) | (MHz) | (dBμV) | (dB) | (dB) | (dBμV) | (dBμV) | (dB) | |
| 1 | 0.428 | 19.23 | 0.10 | 10.17 | 29.50 | 47.29 | -17.79 | Average |
| 2 | 0.428 | 31.11 | 0.10 | 10.17 | 41.38 | 57.29 | -15.91 | QP |
| 3 | 0.813 | 17.08 | 0.09 | 10.18 | 27.35 | 46.00 | -18.65 | Average |
| 4 | 0.813 | 26.37 | 0.09 | 10.18 | 36.64 | 56.00 | -19.36 | QP |
| 5 | 1.191 | 17.56 | 0.08 | 10.18 | 27.82 | 46.00 | -18.18 | Average |
| 6 | 1.191 | 27.47 | 0.08 | 10.18 | 37.73 | 56.00 | -18.27 | QP |
| 7 | 4.027 | 17.30 | 0.13 | 10.22 | 27.65 | 46.00 | -18.35 | Average |
| 8 | 4.027 | 26.55 | 0.13 | 10.22 | 36.90 | 56.00 | -19.10 | QP |
| 9 | 5.166 | 23.42 | 0.15 | 10.25 | 33.82 | 50.00 | -16.18 | Average |
| 10 | 5.166 | 31.40 | 0.15 | 10.25 | 41.80 | 60.00 | -18.20 | QP |
| 11 | 8.637 | 16.87 | 0.18 | 10.26 | 27.31 | 50.00 | -22.69 | Average |
| 12 | 8.637 | 25.31 | 0.18 | 10.26 | 35.75 | 60.00 | -24.25 | QP |

Neutral Line:



| Item | Freq. | Read Level | LISN Factor | Cable Loss | Level | Limit Line | Over Limit | Detector |
|--------|-------|------------|-------------|------------|--------|------------|------------|----------|
| (Mark) | (MHz) | (dBμV) | (dB) | (dB) | (dBμV) | (dBμV) | (dB) | |
| 1 | 0.170 | 18.18 | 0.05 | 10.15 | 28.38 | 54.94 | -26.56 | Average |
| 2 | 0.170 | 37.24 | 0.05 | 10.15 | 47.44 | 64.94 | -17.50 | QP |
| 3 | 0.215 | 14.40 | 0.05 | 10.15 | 24.60 | 53.01 | -28.41 | Average |
| 4 | 0.215 | 32.58 | 0.05 | 10.15 | 42.78 | 63.01 | -20.23 | QP |
| 5 | 0.421 | 12.88 | 0.04 | 10.17 | 23.09 | 47.42 | -24.33 | Average |
| 6 | 0.421 | 23.98 | 0.04 | 10.17 | 34.19 | 57.42 | -23.23 | QP |
| 7 | 3.584 | 11.61 | 0.14 | 10.21 | 21.96 | 46.00 | -24.04 | Average |
| 8 | 3.584 | 18.23 | 0.14 | 10.21 | 28.58 | 56.00 | -27.42 | QP |
| 9 | 5.249 | 18.39 | 0.18 | 10.25 | 28.82 | 50.00 | -21.18 | Average |
| 10 | 5.249 | 25.26 | 0.18 | 10.25 | 35.69 | 60.00 | -24.31 | QP |
| 11 | 9.966 | 11.54 | 0.21 | 10.12 | 21.87 | 50.00 | -28.13 | Average |
| 12 | 9.966 | 18.83 | 0.21 | 10.12 | 29.16 | 60.00 | -30.84 | QP |

Level = Read Level + LISN/ISN Factor + Cable Loss

6.2 Radiated Emissions, 30MHz to 1GHz

Detector: Peak for pre-scan (120 kHz resolution bandwidth)

Limit: For 3m

For 3m

| Frequency range (MHz) | Quasi-peak limits (dB (μV/m)) |
|--|-------------------------------|
| 30 to 88 | 40 |
| 88 to 216 | 43.5 |
| 216 to 960 | 46 |
| Above 960 | 54 |
| Note: At transitional frequencies the lower limit applies. | |

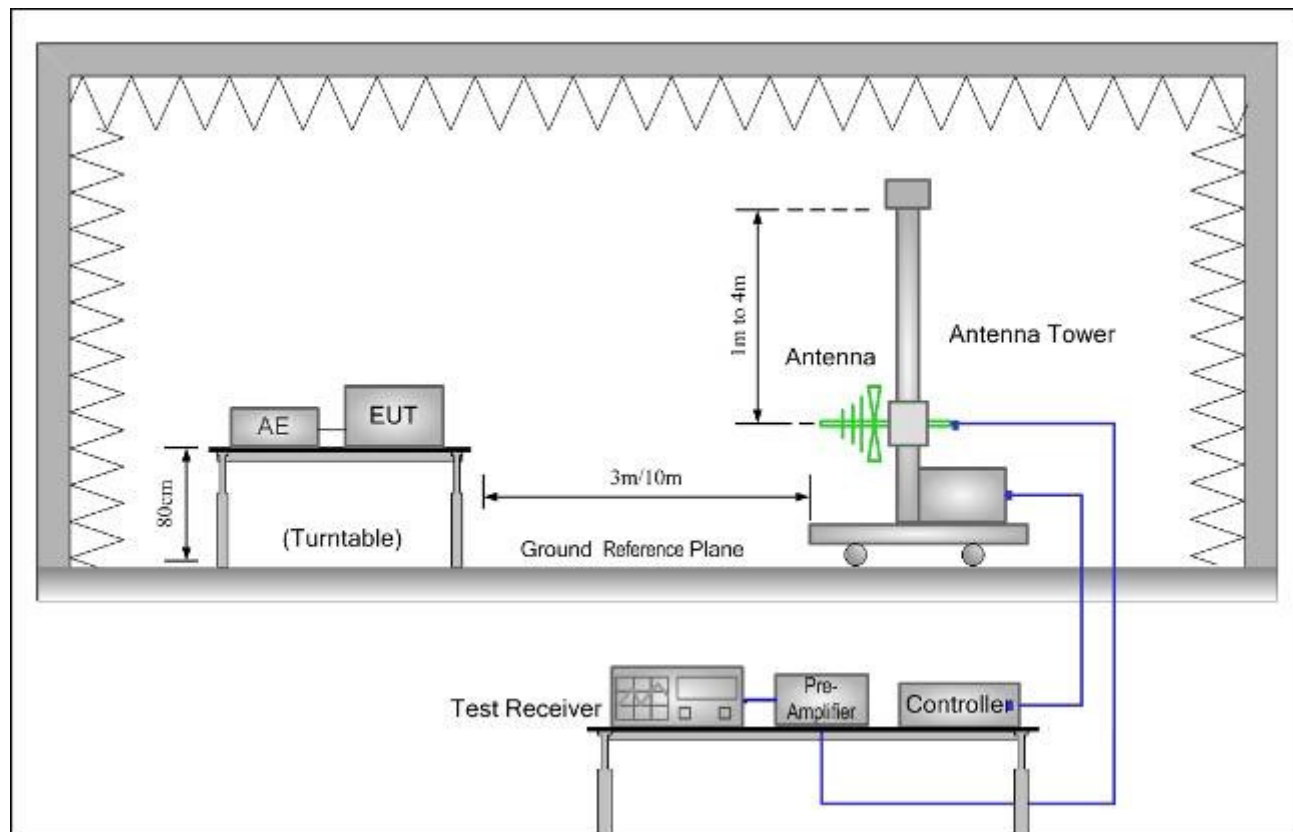
6.2.1 E.U.T. Operation

Test mode: a; Monitoring mode: Keep EUT monitoring continual.

Pre-scan was performed with peak detected on all ports, Quasi-peak measurements was performed at the frequencies at which maximum peak emission level were detected.

Please see the attached Quasi-peak test results.

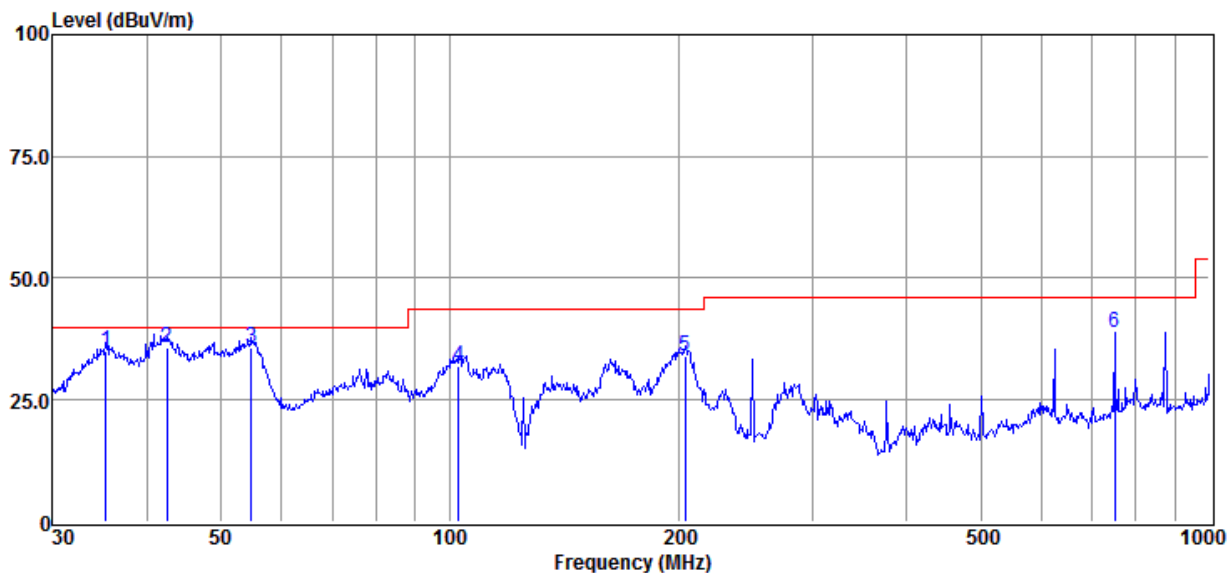
6.2.2 Test Setup and Procedure



1. The radiated emissions test was conducted in a semi-anechoic chamber.
2. The EUT was connected to AC power source through a mains power outlet which was bonded to the ground reference plane; The mains cables shall drape to the ground reference plane.
3. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
4. Before final measurements of radiated emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emission spectrum signature data plots of the EUT.
5. The frequencies of maximum emission were determined in the final radiated emissions measurement, the physical arrangement of the test system and associated cabling was varied in order to determine the effect on the EUT's emissions in amplitude, direction and frequency. At each frequency, the EUT was rotated 360°, and the antenna was raised and lowered from 1 to 4 meters in order to determine the maximum disturbance. Measurements were performed for both horizontal and vertical antenna polarization.

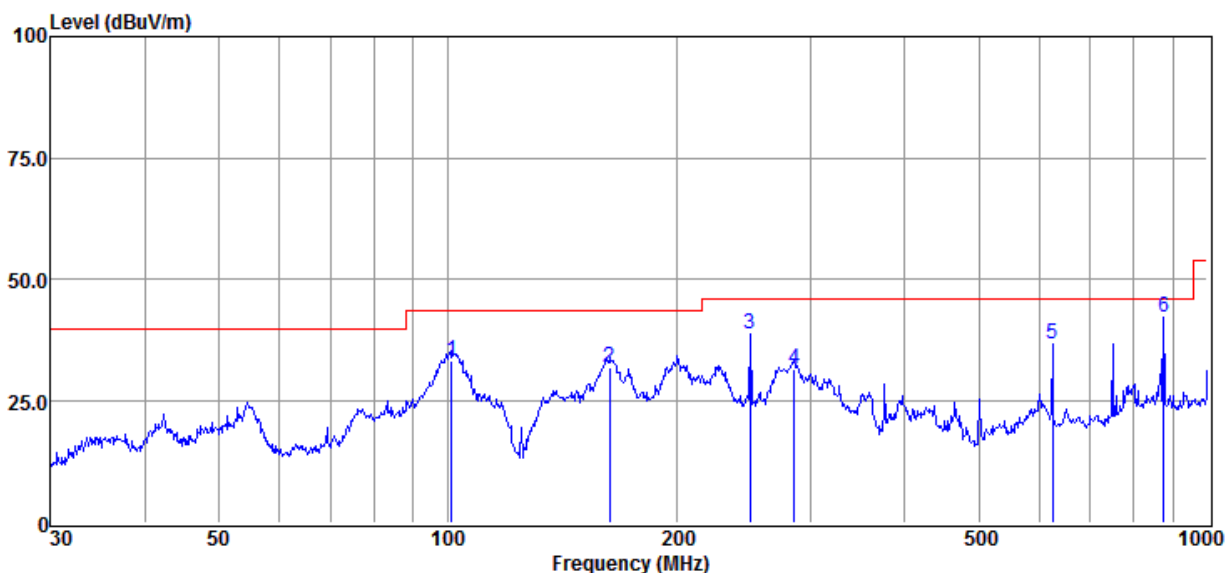
6.2.3 Measurement Data

Vertical:



| | Freq. | Read Level | Antenna Factor | Preamplifier Factor | Cable Loss | Result Level | Limit Line | Over Limit | Detector |
|--------|--------|------------|----------------|---------------------|------------|--------------|------------|------------|----------|
| (Mark) | (MHz) | (dBμV) | (dB/m) | (dB) | (dB) | (dBμV/m) | (dBμV/m) | (dB) | |
| 1 | 35.25 | 51.05 | 12.55 | 28.90 | 0.20 | 34.90 | 40.00 | -5.10 | QP |
| 2 | 42.45 | 50.44 | 13.76 | 28.80 | 0.23 | 35.63 | 40.00 | -4.37 | QP |
| 3 | 54.84 | 51.20 | 13.23 | 28.80 | 0.28 | 35.91 | 40.00 | -4.09 | QP |
| 4 | 102.72 | 50.53 | 9.69 | 28.60 | 0.47 | 32.09 | 43.50 | -11.41 | QP |
| 5 | 204.24 | 50.80 | 10.54 | 28.10 | 0.70 | 33.94 | 43.50 | -9.56 | QP |
| 6 | 750.11 | 44.26 | 21.97 | 29.24 | 1.88 | 38.87 | 46.00 | -7.13 | QP |

Horizontal:



| Item | Freq. | Read Level | Antenna Factor | Preamp Factor | Cable Loss | Result Level | Limit Line | Over Limit | Detector |
|--------|--------|------------|----------------|---------------|------------|--------------|------------|------------|----------|
| (Mark) | (MHz) | (dBμV) | (dB/m) | (dB) | (dB) | (dBμV/m) | (dBμV/m) | (dB) | |
| 1 | 101.29 | 52.12 | 9.44 | 28.60 | 0.46 | 33.42 | 43.50 | -10.08 | QP |
| 2 | 163.18 | 47.50 | 12.13 | 28.37 | 0.64 | 31.90 | 43.50 | -11.60 | QP |
| 3 | 250.30 | 53.78 | 12.10 | 27.90 | 0.77 | 38.75 | 46.00 | -7.25 | QP |
| 4 | 285.98 | 46.46 | 12.38 | 27.90 | 0.83 | 31.77 | 46.00 | -14.23 | QP |
| 5 | 625.08 | 44.40 | 20.15 | 29.26 | 1.41 | 36.70 | 46.00 | -9.30 | QP |
| 6 | 875.25 | 45.81 | 23.00 | 28.99 | 2.35 | 42.17 | 46.00 | -3.83 | QP |

Level = Read Level + Antenna Factor + Cable Loss – Preamp Factor

6.3 Radiated Emissions, 1GHz to 6GHz

Detector: Peak for pre-scan (120 kHz resolution bandwidth)

Limit: For 3m

1GHz-6GHz 74 dB(μV/m) peak, 54 dB(μV/m) average

Detector: Peak for pre-scan (1000kHz resolution bandwidth) 1000M to 6000MHz

Remark: The spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

| Highest frequency generated or used in the device or on which the device operates or tunes (MHz) | Upper frequency of measurement Range (MHz) |
|--|--|
| Below 1.705 | 30 |
| 1.705 to 108 | 1000 |
| 108 to 500 | 2000 |
| 500 to 1000 | 5000 |
| Above 1000 | 5th harmonic of the highest frequency or 40 GHz, whichever is lower |

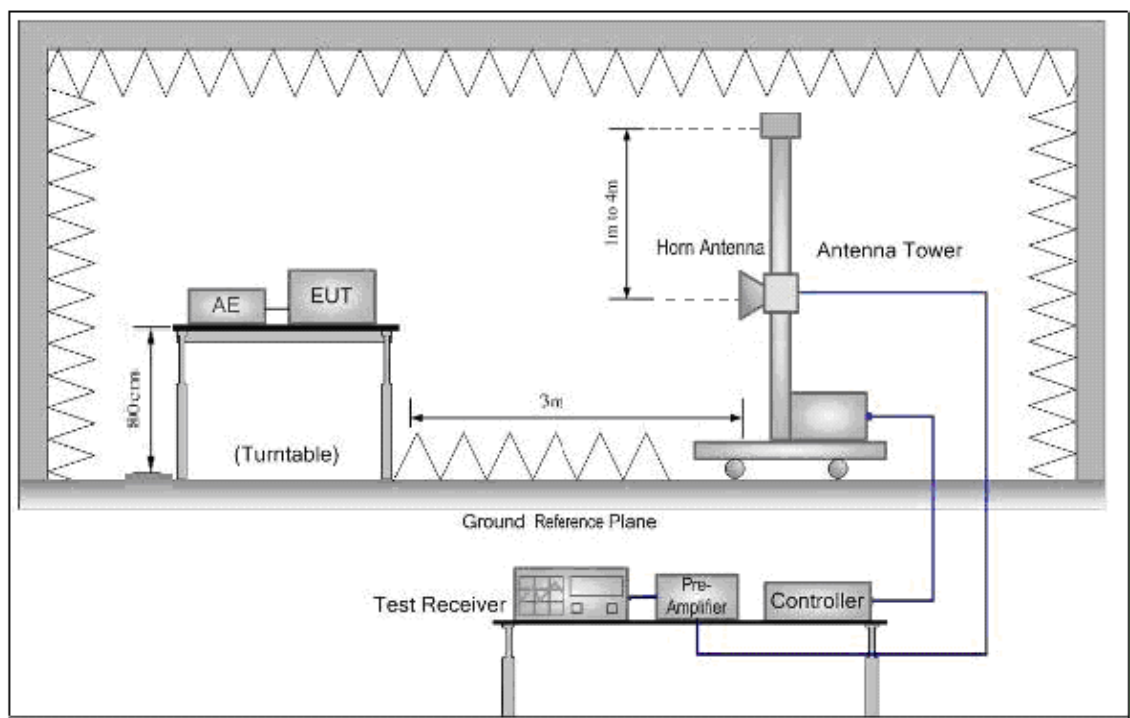
6.3.1 E.U.T. Operation

Test mode: a; Monitoring mode: Keep EUT monitoring continual.

Pre-scan was performed with peak detected on all ports, Peak & average measurements were performed at the frequencies at which maximum peak emission level were detected.

Please see the attached Peak and Average test results.

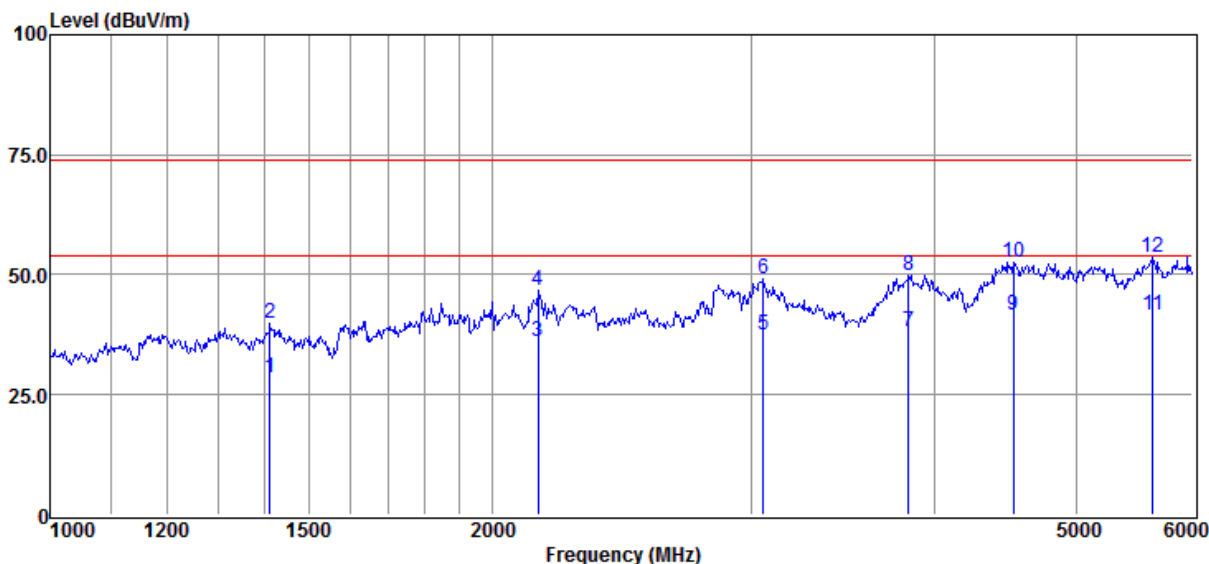
6.3.2 Test Setup and Procedure



6. The radiated emissions test was conducted in a semi-anechoic chamber.
7. The EUT was connected to AC power source through a mains power outlet which was bonded to the ground reference plane; The mains cables shall drape to the ground reference plane.
8. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
9. Before final measurements of radiated emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emission spectrum signature data plots of the EUT.
10. The frequencies of maximum emission were determined in the final radiated emissions measurement, the physical arrangement of the test system and associated cabling was varied in order to determine the effect on the EUT's emissions in amplitude, direction and frequency. At each frequency, the EUT was rotated 360°, and the antenna was raised and lowered from 1 to 4 meters in order to determine the maximum disturbance. Measurements were performed for both horizontal and vertical antenna polarization.

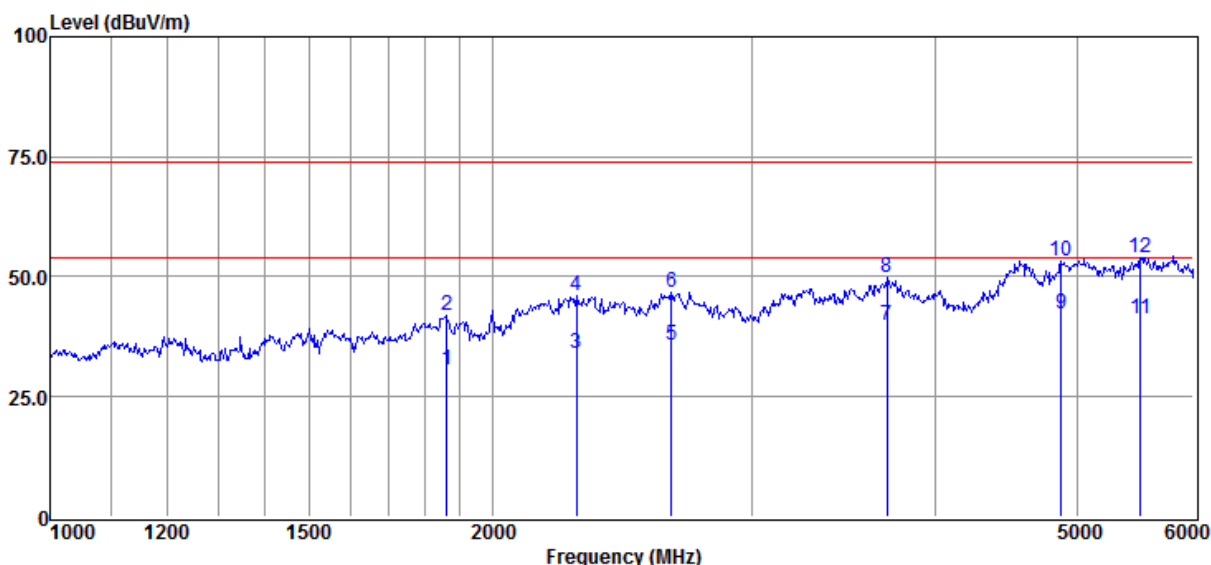
6.3.3 Measurement Data

Vertical:



| Item | Freq. | Read Level | Antenna Factor | Preamplifier Factor | Cable Loss | Result Level | Limit Line | Over Limit | Detector |
|--------|---------|------------|----------------|---------------------|------------|--------------|------------|------------|----------|
| (Mark) | (MHz) | (dBμV) | (dB/m) | (dB) | (dB) | (dBμV/m) | (dBμV/m) | (dB) | |
| 1 | 1411.18 | 39.14 | 24.92 | 40.56 | 4.92 | 28.42 | 54.00 | -25.58 | Average |
| 2 | 1411.18 | 50.70 | 24.92 | 40.56 | 4.92 | 39.98 | 74.00 | -34.02 | Peak |
| 3 | 2148.44 | 43.51 | 27.33 | 41.14 | 6.28 | 35.98 | 54.00 | -18.02 | Average |
| 4 | 2148.44 | 54.11 | 27.33 | 41.14 | 6.28 | 46.58 | 74.00 | -27.42 | Peak |
| 5 | 3061.48 | 40.44 | 29.55 | 40.78 | 8.33 | 37.54 | 54.00 | -16.46 | Average |
| 6 | 3061.48 | 51.98 | 29.55 | 40.78 | 8.33 | 49.08 | 74.00 | -24.92 | Peak |
| 7 | 3844.22 | 37.97 | 32.25 | 40.19 | 8.06 | 38.09 | 54.00 | -15.91 | Average |
| 8 | 3844.22 | 49.86 | 32.25 | 40.19 | 8.06 | 49.98 | 74.00 | -24.02 | Peak |
| 9 | 4526.85 | 43.16 | 30.64 | 41.28 | 8.99 | 41.51 | 54.00 | -12.49 | Average |
| 10 | 4526.85 | 54.25 | 30.64 | 41.28 | 8.99 | 52.60 | 74.00 | -21.40 | Peak |
| 11 | 5640.17 | 38.28 | 34.74 | 41.06 | 9.45 | 41.41 | 54.00 | -12.59 | Average |
| 12 | 5640.17 | 50.36 | 34.74 | 41.06 | 9.45 | 53.49 | 74.00 | -20.51 | Peak |

Horizontal:



| Item | Freq. | Read Level | Antenna Factor | Preamplifier Factor | Cable Loss | Result Level | Limit Line | Over Limit | Detector |
|--------|---------|------------|----------------|---------------------|------------|--------------|------------|------------|----------|
| (Mark) | (MHz) | (dBμV) | (dB/m) | (dB) | (dB) | (dBμV/m) | (dBμV/m) | (dB) | |
| 1 | 1860.31 | 39.15 | 26.58 | 41.05 | 5.99 | 30.67 | 54.00 | -23.33 | Average |
| 2 | 1860.31 | 50.40 | 26.58 | 41.05 | 5.99 | 41.92 | 74.00 | -32.08 | Peak |
| 3 | 2282.03 | 41.14 | 27.51 | 41.07 | 6.57 | 34.15 | 54.00 | -19.85 | Average |
| 4 | 2282.03 | 52.96 | 27.51 | 41.07 | 6.57 | 45.97 | 74.00 | -28.03 | Peak |
| 5 | 2645.75 | 41.88 | 27.95 | 40.91 | 6.89 | 35.81 | 54.00 | -18.19 | Average |
| 6 | 2645.75 | 52.70 | 27.95 | 40.91 | 6.89 | 46.63 | 74.00 | -27.37 | Peak |
| 7 | 3711.90 | 39.93 | 31.87 | 40.30 | 8.28 | 39.78 | 54.00 | -14.22 | Average |
| 8 | 3711.90 | 50.14 | 31.87 | 40.30 | 8.28 | 49.99 | 74.00 | -24.01 | Peak |
| 9 | 4874.27 | 38.73 | 36.33 | 41.61 | 8.86 | 42.31 | 54.00 | -11.69 | Average |
| 10 | 4874.27 | 49.77 | 36.33 | 41.61 | 8.86 | 53.35 | 74.00 | -20.65 | Peak |
| 11 | 5520.73 | 39.02 | 34.26 | 41.40 | 9.33 | 41.21 | 54.00 | -12.79 | Average |
| 12 | 5520.73 | 51.90 | 34.26 | 41.40 | 9.33 | 54.09 | 74.00 | -19.91 | Peak |

$$\text{Level} = \text{Read Level} + \text{Antenna Factor} + \text{Cable Loss} - \text{Preamplifier Factor}$$

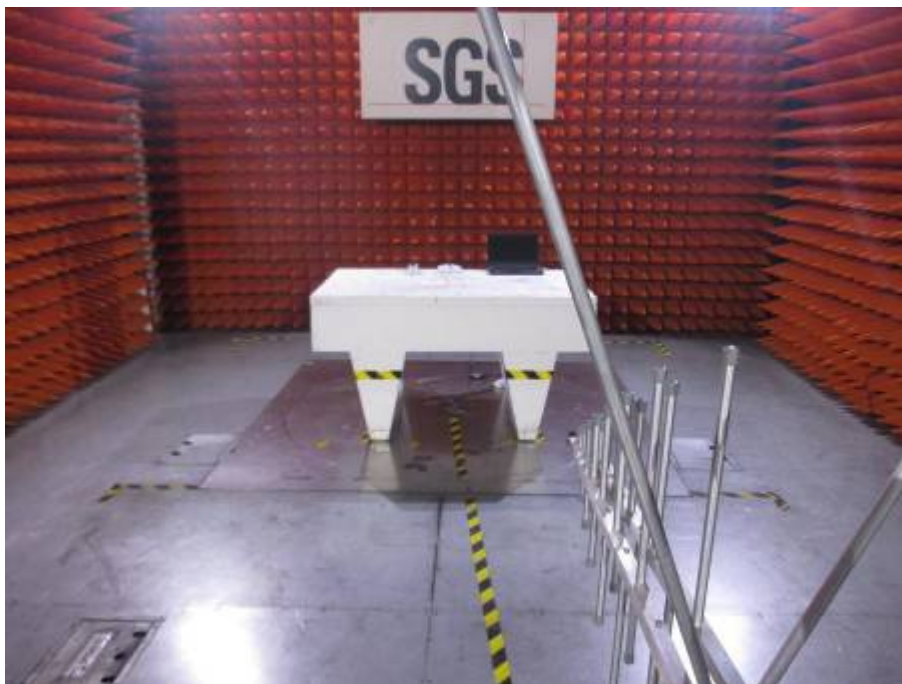
7 Photographs (Test Setup For the EUT)

7.1 Conducted Emissions on Mains Terminals Test Setup



7.2 Radiated Emission Test Setup

30MHz to 1GHz



1GHz to 6GHz

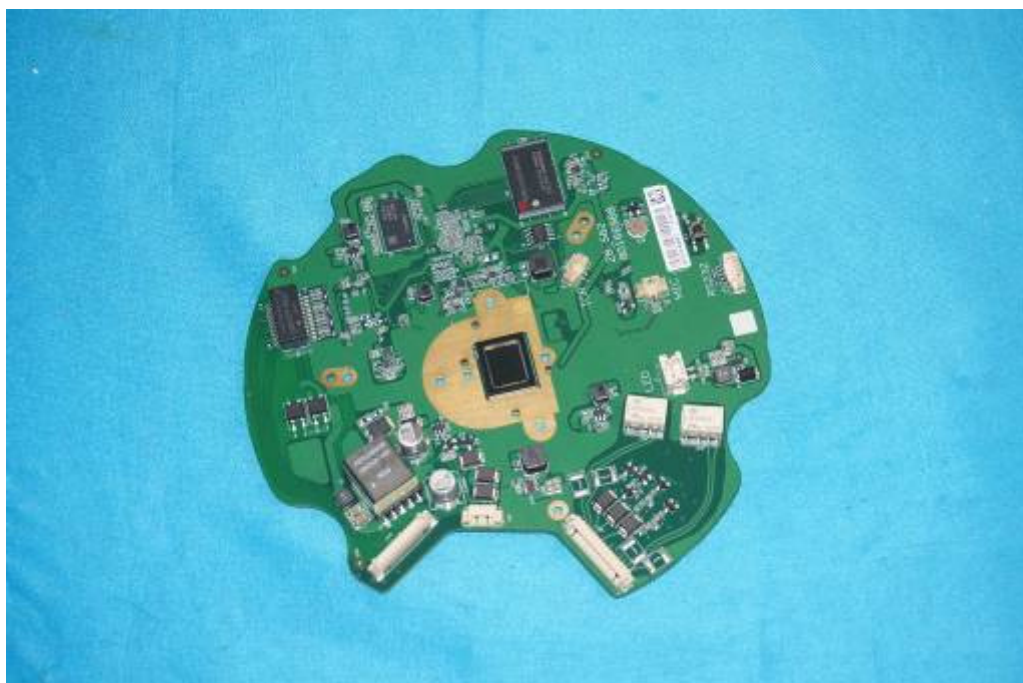


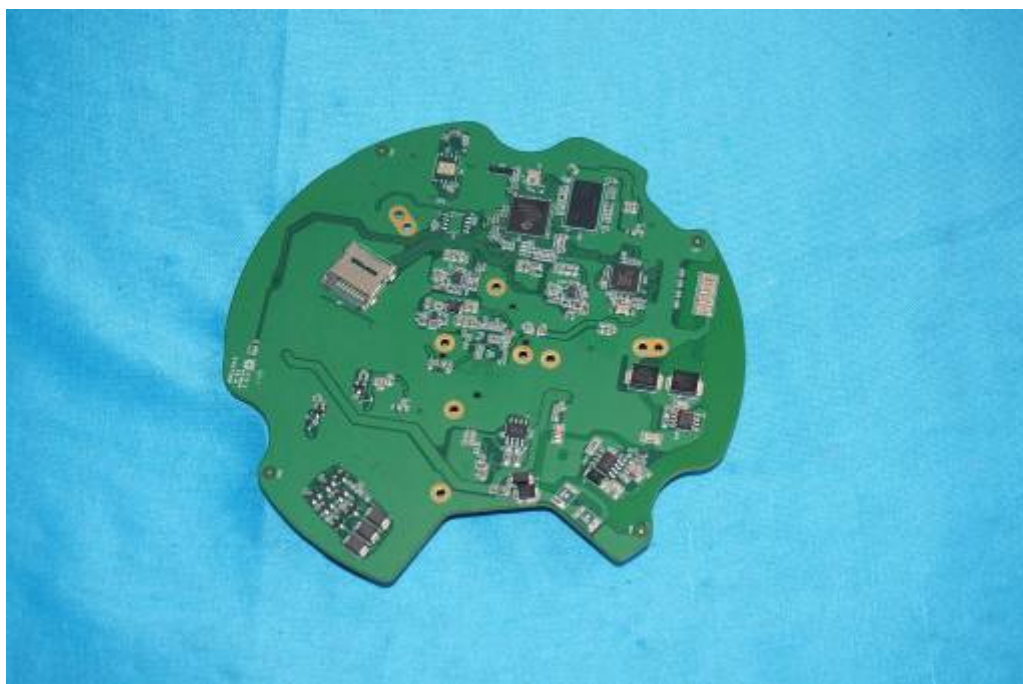
8 EUT Constructional Details

8.1 Exterior of EUT



8.2 Interior of EUT





--End of the Report--