

# C-Tick Test Report

Product Name : Scanner

Model No. : IRIScan Express 4

Applicant : AVISION INC.

Address : No.20, Creation Rd.1, Science Park, Hsinchu,  
Taiwan 300 R.O.C.

Date of Receipt : 2015/05/11

Report No. : 1550256R-ITASP01V00

Issued Date : 2015/05/25

Report Version : V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

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## Test Report Certification

Issued Date : 2015/05/25

Report No. : 1550256R-ITASP01V00



Product Name : Scanner

Applicant : AVISION INC.

Address : No.20, Creation Rd.1, Science Park, Hsinchu, Taiwan  
300 R.O.C.

Manufacturer : 1. AVISION INC.  
2. AVISION(Suzhou) CO., LTD.

Model No. : IRIScan Express 4

EUT Voltage : AC 100-240V, 50/60Hz

Trade Name : I.R.I.S.

Applicable Standard : AS/NZS CISPR 22: 2009+A1: 2010 Class B

Test Result : Complied

Performed Location : Hsinchu EMC Laboratory  
N0. 75-2, 3rd Lin, Wangye Keng, Yonghxing Tsuen,  
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( Arthur Liu / Deputy Manager )

## Laboratory Information

We , **Quietek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited/accepted (audited or listed) by the following related bodies in compliance with ISO 17025, EN 45001 and specified testing scopes:

|                      |          |                       |
|----------------------|----------|-----------------------|
| <b>Taiwan R.O.C.</b> | <b>:</b> | <b>BSMI, NCC, TAF</b> |
| <b>Germany</b>       | <b>:</b> | <b>TUV Rheinland</b>  |
| <b>Norway</b>        | <b>:</b> | <b>DNV</b>            |
| <b>USA</b>           | <b>:</b> | <b>FCC</b>            |
| <b>Japan</b>         | <b>:</b> | <b>VCCI</b>           |

The related certificate for our laboratories about the test site and management system can be downloaded from Quietek Corporation's Web Site : <http://www.quietek.com/english/about/certificates.aspx?bval=5>  
The address and introduction of Quietek Corporation's laboratories can be founded in our Web site : [http://www.quietek.com/index\\_en.aspx](http://www.quietek.com/index_en.aspx)

If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

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TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789      E-Mail : [service@quietek.com](mailto:service@quietek.com)

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## 1. General Information

### 1.1. EUT Description

|              |                   |
|--------------|-------------------|
| Product Name | Scanner           |
| Trade Name   | I.R.I.S.          |
| Model No.    | IRIScan Express 4 |

|           |  |
|-----------|--|
| Component |  |
| USB Cable | Shielded, 1.2m, one ferrite core bonded. |

Note:

1. This EUT is a Scanner.

## 1.2. Mode of Operation

QuieTek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

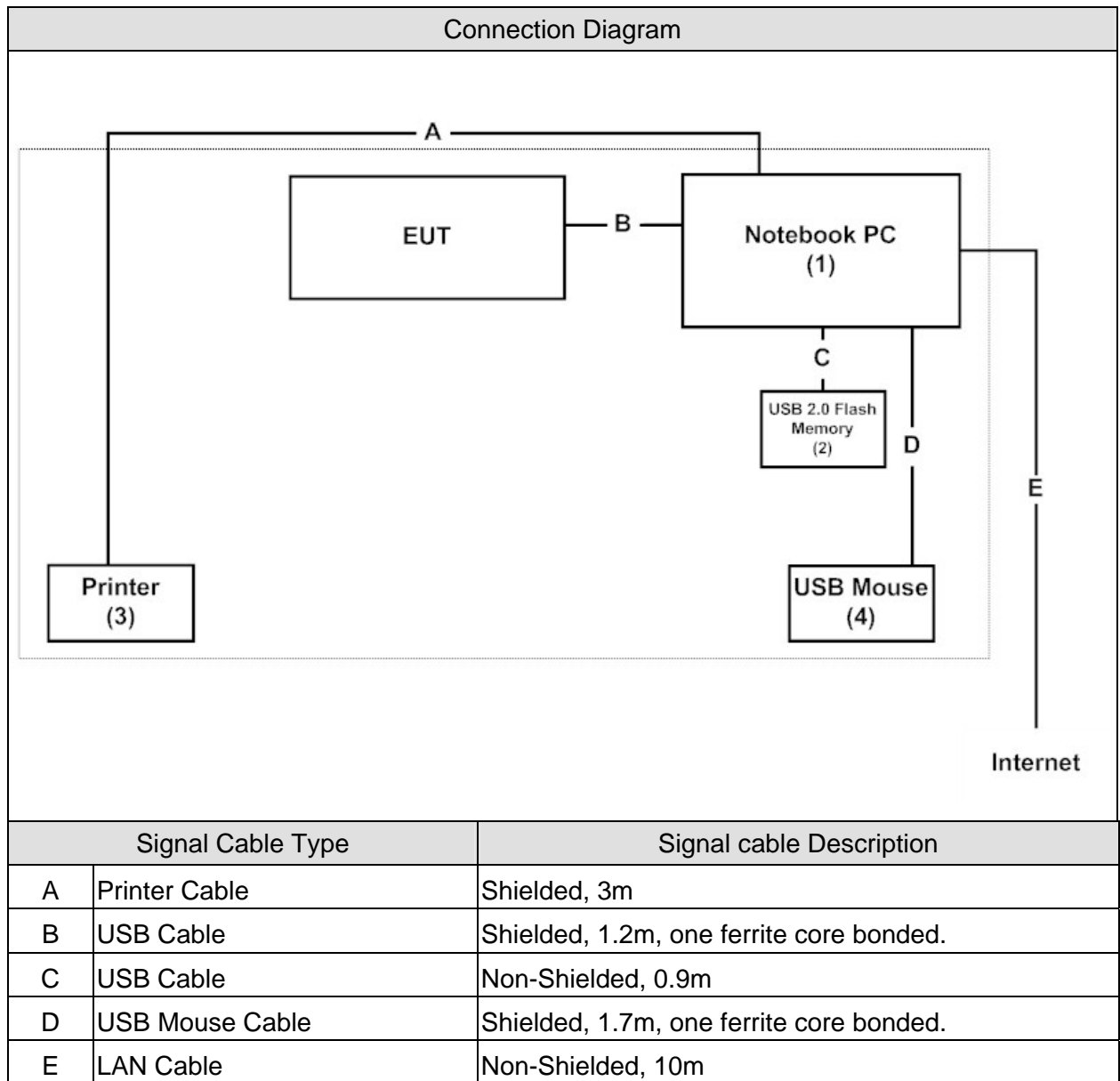
|                    |                    |
|--------------------|--------------------|
| Pre-Test Mode      |                    |
| Mode 1: Scan to PC |                    |
| Final Test Mode    |                    |
| Emission           | Mode 1: Scan to PC |

### 1.3. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

| Product |                      | Manufacturer | Model No.                  | Serial No. | Power Cord                                  |
|---------|----------------------|--------------|----------------------------|------------|---|
| 1       | Notebook PC          | HP           | NX6320                     | CNU62D1F5Y | Non-Shielded, 1.8m                          |
| 2       | USB Mouse            | Microsoft    | Comfort Optical Mouse 1000 | 1016222-0  | --  |
| 3       | USB 2.0 Flash Memory | Apacer       | AH223                      | N/A        | --  |
| 4       | Printer              | HP           | C9007A                     | MY3621M0PS | Non-Shielded, 3.7m, one ferrite core bonded |

## 1.4. Configuration of Tested System





## 1.5. EUT Exercise Software

|   |   |
|---|---|
| 1 | Test system is in accord with EUT user manual (refer to 1.4 configuration of tested system) |
| 2 | Turn on the power of all equipment  |
| 3 | Boot the notebook PC from Hard Disk.  |
| 4 | Notebook PC reads test software from disk and then sent to scanner.                         |
| 5 | The EUT will start to operate and scan the video figure into PC.                            |
| 6 | PC will display " video figure" on monitor.   |
| 7 | Repeat the above procedure (4) to (6).  |

## 2. Technical Test

### 2.1. Summary of Test Result

- ☒ No deviations from the test standards  
☐ Deviations from the test standards as below description:

| Emission                        |                                |                |           |
|---------------------------------|--------------------------------|----------------|-----------|
| Performed Item                  | Normative References           | Test Performed | Deviation |
| Conducted Emission              | AS/NZS CISPR 22: 2009+A1: 2010 | Yes            | No        |
| Impedance Stabilization Network | AS/NZS CISPR 22: 2009+A1: 2010 | No             | No        |
| Radiated Emission               | AS/NZS CISPR 22: 2009+A1: 2010 | Yes            | No        |

## 2.2. List of Test Equipment

### Conducted Emission/ SR3

| Instrument         | Manufacturer | Model No.   | Serial No. | Next Cal. Date |
|--------------------|--------------|-------------|------------|----------------|
| LISN               | R&S          | ENV216      | 100096     | 2013/08/12     |
| LISN               | R&S          | ESH3-Z5     | 836679/022 | 2014/01/20     |
| Test Receiver      | R&S          | ESCS 30     | 825442/017 | 2014/01/01     |
| Coaxial Cable      | Harbour      | RG-400      | SR3        | 2013/08/14     |
| Quietek EMI system | Quietek      | Version 2.2 | SR3        | N/A            |

### Radiated Emission/ Site3 (Under 1GHz)

| Instrument         | Manufacturer    | Model No.   | Serial No. | Next Cal. Date |
|--------------------|-----------------|-------------|------------|----------------|
| Bilog Antenna      | Schaffner Chase | CBL6112B    | 2797       | 2013/08/14     |
| Spectrum Analyzer  | Advantest       | R3132       | 100803278  | 2013/11/19     |
| Test Receiver      | R&S             | ESCS 30     | 836858/022 | 2014/01/06     |
| Coaxial Switch     | Anritsu         | MP59B       | M55770     | 2013/08/14     |
| Coaxial Cable      | BELDEN          | BELDEN 9913 | OATS3      | 2013/08/14     |
| Quietek EMI system | Quietek         | Version 2.2 | Site3      | N/A            |

### Radiated Emission/ CB1 (Above 1GHz)

| Instrument                       | Manufacturer | Model No.           | Serial No. | Next Cal. Date |
|----------------------------------|--------------|---------------------|------------|----------------|
| k Type Cable                     | Huber Suhner | Sucoflex 102        | 25623/2    | 2014/02/21     |
| Double Ridged Guide Horn Antenna | Schwarzback  | BBHA 9120           | D743       | 2014/02/17     |
| Pre-Amplifier                    | MITEQ        | JS41-00104000-58-5P | 1438359    | 2013/05/08     |
| PSA Series Spectrum analyzer     | Agilent      | E4440A              | MY46187335 | 2014/01/27     |
| Quietek EMI system               | Quietek      | Version 2.2         | CB1        | N/A            |

## 2.3. Measurement Uncertainty

### Conducted Emission

The measurement uncertainty is evaluated as  $\pm 2.26$  dB.

### Radiated Emission (Under 1GHz)

The measurement uncertainty is evaluated as  $\pm 3.43$  dB.

### Radiated Emission (Above 1GHz)

The measurement uncertainty is evaluated as  $\pm 3.65$  dB.

## 2.4. Test Environment

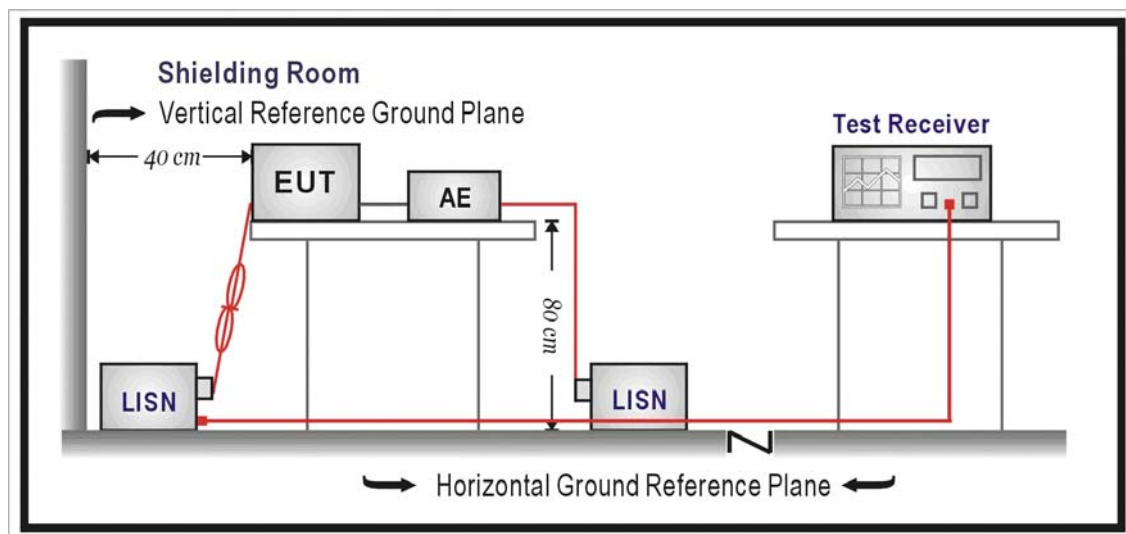
| Performed Item     | Items                      | Required | Actual   |
|--------------------|----------------------------|----------|----------|
| Conducted Emission | Temperature (°C)           | 15-35    | 25       |
|                    | Humidity (%RH)             | 25-75    | 50       |
|                    | Barometric pressure (mbar) | 860-1060 | 950-1000 |
| Radiated Emission  | Temperature (°C)           | 15-35    | 25       |
|                    | Humidity (%RH)             | 25-75    | 65       |
|                    | Barometric pressure (mbar) | 860-1060 | 950-1000 |

### 3. Conducted Emission

#### 3.1. Test Specification

According to EMC Standard : AS/NZS CISPR 22

#### 3.2. Test Setup



#### 3.3. Limit

| Limits          |           |           |
|-----------------|-----------|-----------|
| Frequency (MHz) | QP (dBuV) | AV (dBuV) |
| 0.15 - 0.50     | 66 - 56   | 56 – 46   |
| 0.50-5.0        | 56        | 46        |
| 5.0 - 30        | 60        | 50        |

Remarks: In the above table, the tighter limit applies at the band edges.

### **3.4. Test Procedure**

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination.

(Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.

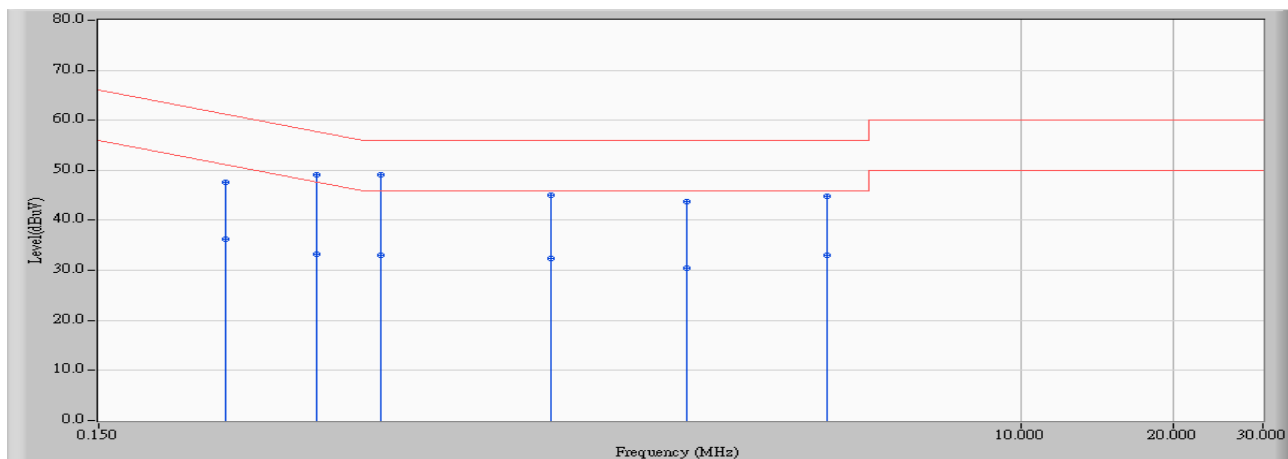
Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

### **3.5. Deviation from Test Standard**

No deviation.

### 3.6. Test Result

|                                      |                           |
|--------------------------------------|---------------------------|
| Site : SR3                           | Time : 2013/03/25 - 16:26 |
| Limit : CISPR_B_00M_QP               | Margin : 10               |
| Probe : SR3_LISN(16A)-2_0813 - Line1 | Power : AC 230V/50Hz      |
| EUT : Scanner                        | Note : Mode 1: Scan to PC |

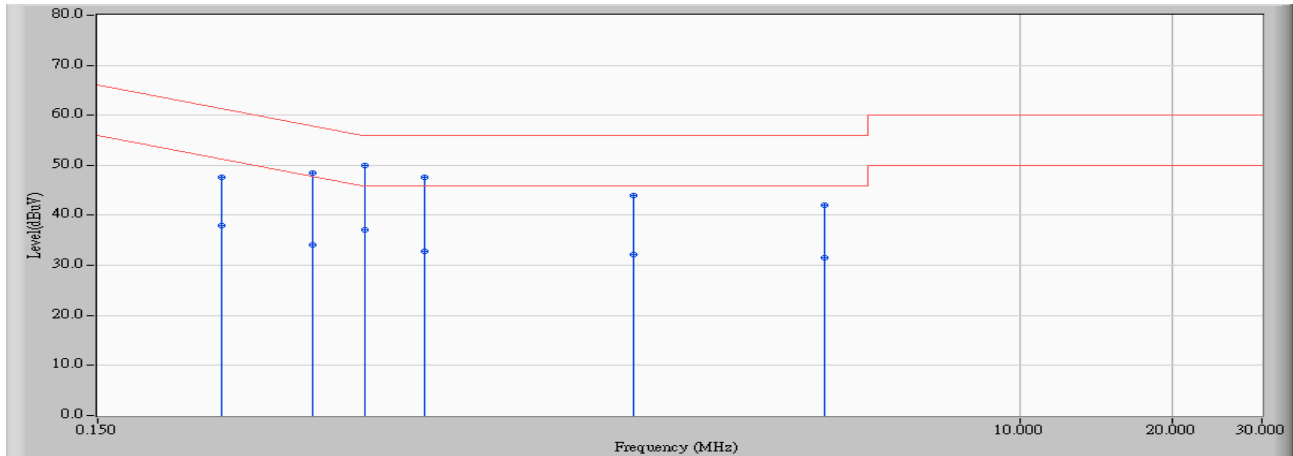


|    |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV) | Margin<br>(dB) | Limit<br>(dBuV) | Detector Type |
|----|---|--------------------|------------------------|-------------------------|-------------------------|----------------|-----------------|---------------|
| 1  |   | 0.267              | 9.696                  | 37.820                  | 47.516                  | -13.688        | 61.205          | QUASIPeAK     |
| 2  |   | 0.267              | 9.696                  | 26.510                  | 36.206                  | -14.998        | 51.205          | AVERAGE       |
| 3  |   | 0.404              | 9.775                  | 39.260                  | 49.035                  | -8.738         | 57.773          | QUASIPeAK     |
| 4  |   | 0.404              | 9.775                  | 23.500                  | 33.275                  | -14.498        | 47.773          | AVERAGE       |
| 5  | * | 0.541              | 9.840                  | 39.320                  | 49.160                  | -6.840         | 56.000          | QUASIPeAK     |
| 6  |   | 0.541              | 9.840                  | 23.210                  | 33.050                  | -12.950        | 46.000          | AVERAGE       |
| 7  |   | 1.177              | 9.944                  | 35.150                  | 45.094                  | -10.906        | 56.000          | QUASIPeAK     |
| 8  |   | 1.177              | 9.944                  | 22.530                  | 32.474                  | -13.526        | 46.000          | AVERAGE       |
| 9  |   | 2.181              | 9.971                  | 33.790                  | 43.761                  | -12.239        | 56.000          | QUASIPeAK     |
| 10 |   | 2.181              | 9.971                  | 20.510                  | 30.481                  | -15.519        | 46.000          | AVERAGE       |
| 11 |   | 4.115              | 10.080                 | 34.830                  | 44.910                  | -11.090        | 56.000          | QUASIPeAK     |
| 12 |   | 4.115              | 10.080                 | 23.030                  | 33.110                  | -12.890        | 46.000          | AVERAGE       |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|   |                                  |
|---|----------------------------------|
| <b>Site : SR3</b>                           | <b>Time : 2013/03/25 - 16:32</b> |
| <b>Limit : CISPR_B_00M_QP</b>               | <b>Margin : 10</b>               |
| <b>Probe : SR3_LISN(16A)-2_0813 - Line2</b> | <b>Power : AC 230V/50Hz</b>      |
| <b>EUT : Scanner</b>                        | <b>Note : Mode 1: Scan to PC</b> |



|    |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV)</b> | <b>Detector Type</b> |
|----|---|----------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------|-------------------------|----------------------|
| 1  |   | 0.263                      | 9.691                          | 38.020                          | 47.711                          | -13.616                | 61.327                  | QUASIPeAK            |
| 2  |   | 0.263                      | 9.691                          | 28.260                          | 37.951                          | -13.376                | 51.327                  | AVERAGE              |
| 3  |   | 0.400                      | 9.762                          | 38.750                          | 48.512                          | -9.341                 | 57.853                  | QUASIPeAK            |
| 4  |   | 0.400                      | 9.762                          | 24.330                          | 34.092                          | -13.761                | 47.853                  | AVERAGE              |
| 5  | * | 0.505                      | 9.821                          | 40.130                          | 49.951                          | -6.049                 | 56.000                  | QUASIPeAK            |
| 6  |   | 0.505                      | 9.821                          | 27.240                          | 37.061                          | -8.939                 | 46.000                  | AVERAGE              |
| 7  |   | 0.666                      | 9.857                          | 37.860                          | 47.717                          | -8.283                 | 56.000                  | QUASIPeAK            |
| 8  |   | 0.666                      | 9.857                          | 22.920                          | 32.777                          | -13.223                | 46.000                  | AVERAGE              |
| 9  |   | 1.720                      | 9.937                          | 34.030                          | 43.967                          | -12.033                | 56.000                  | QUASIPeAK            |
| 10 |   | 1.720                      | 9.937                          | 22.330                          | 32.267                          | -13.733                | 46.000                  | AVERAGE              |
| 11 |   | 4.095                      | 10.031                         | 32.070                          | 42.101                          | -13.899                | 56.000                  | QUASIPeAK            |
| 12 |   | 4.095                      | 10.031                         | 21.440                          | 31.471                          | -14.529                | 46.000                  | AVERAGE              |

**Note:**

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.



### 3.7. Test Photograph

Test Mode : Mode 1: Scan to PC

Description : Front View of Conducted Emission Test Setup



Test Mode : Mode 1: Scan to PC

Description : Back View of Conducted Emission Test Setup



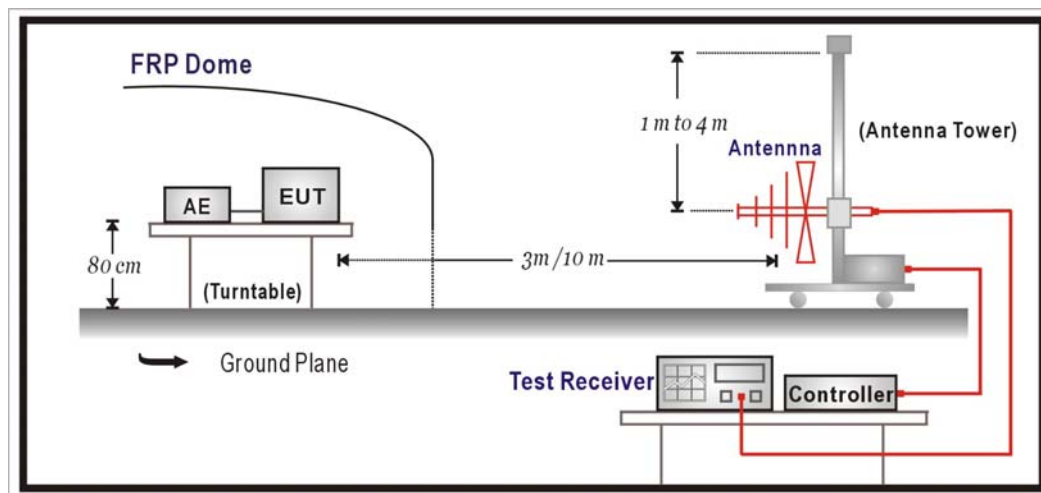
## 4. Radiated Emission

### 4.1. Test Specification

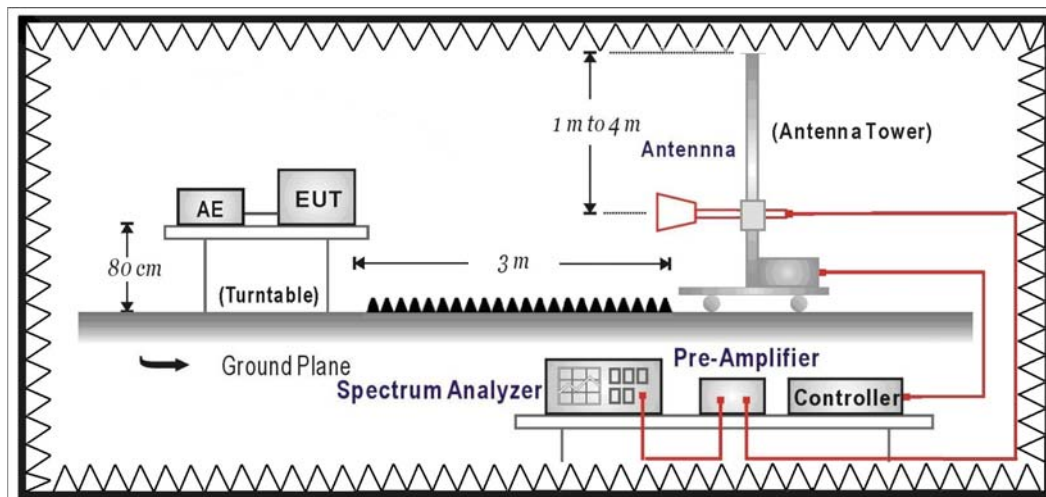
According to EMC Standard : AS/NZS CISPR 22

### 4.2. Test Setup

Under 1GHz Test Setup



Above 1GHz Test Setup



#### 4.3. Limit

| Limits          |              |        |
|-----------------|--------------|--------|
| Frequency (MHz) | Distance (m) | dBuV/m |
| 30 – 230        | 10           | 30     |
| 230 – 1000      | 10           | 37     |

| Limits          |              |               |                  |
|-----------------|--------------|---------------|------------------|
| Frequency (GHz) | Distance (m) | Peak (dBuV/m) | Average (dBuV/m) |
| 1 – 3           | 3            | 70            | 50               |
| 3 – 6           | 3            | 74            | 54               |

Remark:

1. The tighter limit shall apply at the edge between two frequency bands.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

| Highest frequency generated or used in the device or on which the device operates or tunes (MHz) | Upper frequency of measurement range (MHz)                                     |
|--|--|
| Below 108  | 1000   |
| 108 – 500  | 2000   |
| 500 – 1000   | 5000   |
| Above 1000   | 5 <sup>th</sup> harmonic of the highest frequency or 6 GHz, whichever is lower |

#### **4.4. Test Procedure**

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 10 meters. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

All cable leaving the table-top EUT for a connection outside the test site (for example, mains cable, telephone lines, connections to auxiliary equipment located outside the test area) shall be fitted with ferrite clamps placed on the floor at the point where the cable reached the floor.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement.

Radiated emissions were investigated over the frequency range from 30MHz to 1GHz using a receiver bandwidth of 120kHz. Radiated was performed at an antenna to EUT distance of 10 meters.

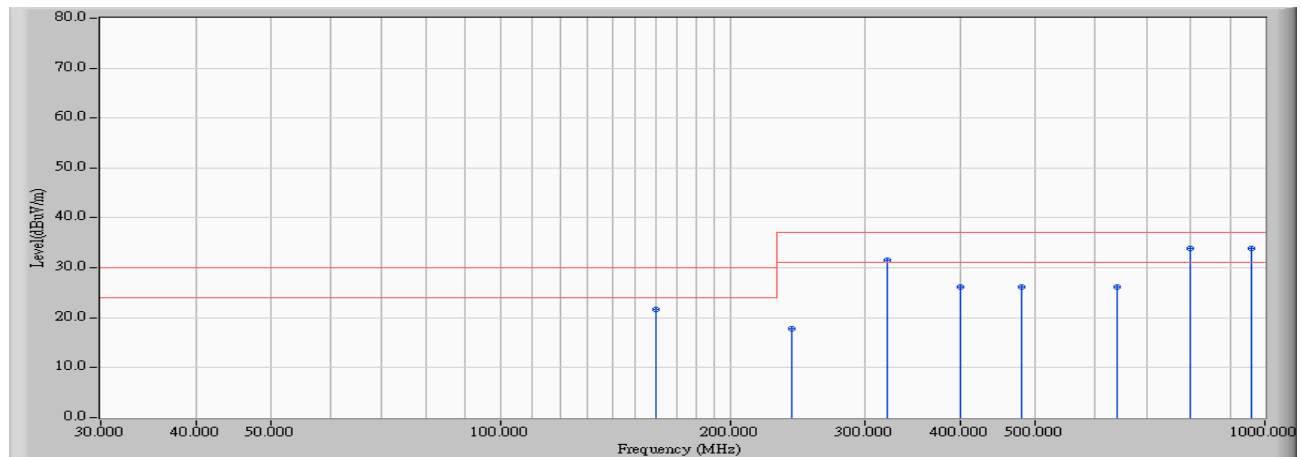
Radiated emissions were investigated over the frequency range from 1GHz to 6GHz using a receiver bandwidth of 1MHz. Radiated was performed at an antenna to EUT distance of 3 meters.

#### **4.5. Deviation from Test Standard**

No deviation.

#### 4.6. Test Result

|                                       |                           |
|---------------------------------------|---------------------------|
| Site : SITE3                          | Time : 2013/03/25 - 10:50 |
| Limit : CISPR_B_10M_QP                | Margin : 6                |
| Probe : Site3_10M-3_0815 - HORIZONTAL | Power : AC 240V/ 50Hz     |
| EUT : Scanner                         | Note : Mode 1: Scan to PC |

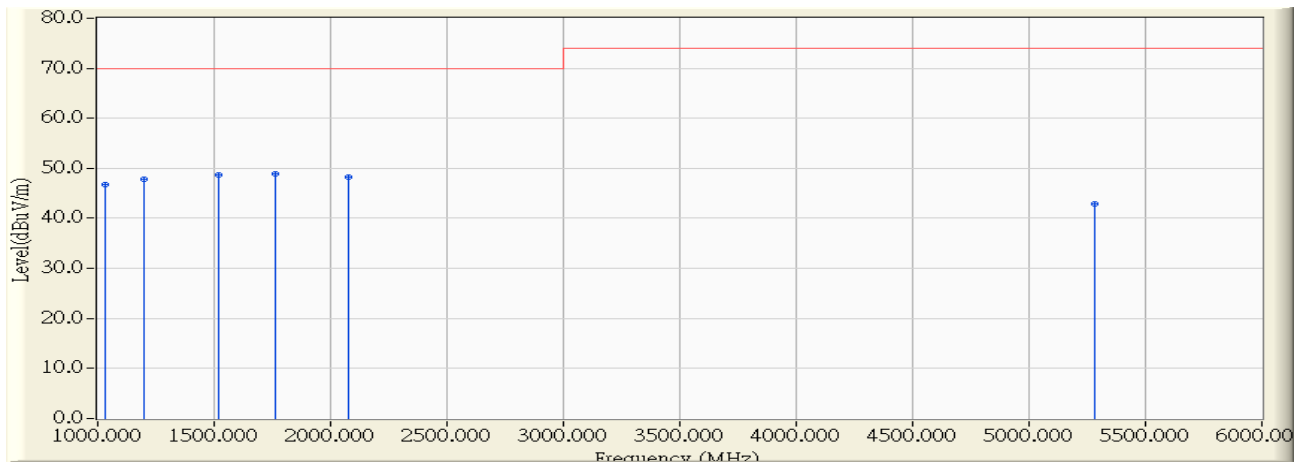


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 160.000            | 13.588                 | 8.070                   | 21.658                    | -8.342         | 30.000            | QUASIPeAK     |
| 2 |   | 240.025            | 13.917                 | 3.900                   | 17.817                    | -19.183        | 37.000            | QUASIPeAK     |
| 3 |   | 320.000            | 19.408                 | 12.100                  | 31.508                    | -5.492         | 37.000            | QUASIPeAK     |
| 4 |   | 400.045            | 21.726                 | 4.420                   | 26.146                    | -10.854        | 37.000            | QUASIPeAK     |
| 5 |   | 480.050            | 22.690                 | 3.420                   | 26.109                    | -10.891        | 37.000            | QUASIPeAK     |
| 6 |   | 640.070            | 24.247                 | 1.920                   | 26.167                    | -10.833        | 37.000            | QUASIPeAK     |
| 7 |   | 800.000            | 30.914                 | 2.960                   | 33.874                    | -3.126         | 37.000            | QUASIPeAK     |
| 8 | * | 960.000            | 32.763                 | 1.120                   | 33.883                    | -3.117         | 37.000            | QUASIPeAK     |

**Note:**

1. All Reading Levels are Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|  |                                  |
|--|----------------------------------|
| <b>Site : CB1</b>  | <b>Time : 2013/03/26 - 14:34</b> |
| <b>Limit : CISPR_22_B_(Above_1G)_3M_PK</b>                 | <b>Margin : 0</b>                |
| <b>Probe : CB1_CISPR_22_B(above1G)-1_0901 - HORIZONTAL</b> | <b>Power : AC 240V/ 50Hz</b>     |
| <b>EUT : Scanner</b>                                       | <b>Note : Mode 1: Scan to PC</b> |

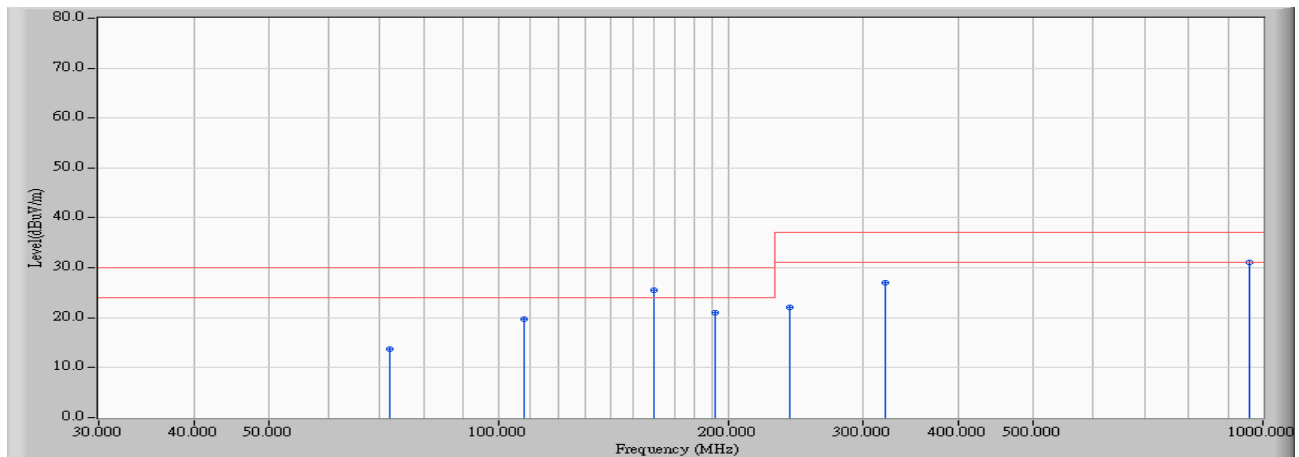


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 |   | 1030.000                   | -8.581                         | 55.275                          | 46.694                            | -23.306                | 70.000                    | PEAK                 |
| 2 |   | 1200.000                   | -7.764                         | 55.514                          | 47.750                            | -22.250                | 70.000                    | PEAK                 |
| 3 |   | 1520.000                   | -6.258                         | 54.936                          | 48.678                            | -21.322                | 70.000                    | PEAK                 |
| 4 | * | 1760.000                   | -5.484                         | 54.363                          | 48.879                            | -21.121                | 70.000                    | PEAK                 |
| 5 |   | 2080.000                   | -4.430                         | 52.585                          | 48.155                            | -21.845                | 70.000                    | PEAK                 |
| 6 |   | 5280.000                   | 3.167                          | 39.731                          | 42.898                            | -31.102                | 74.000                    | PEAK                 |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

|  |                                  |
|--|----------------------------------|
| <b>Site : SITE3</b>                        | <b>Time : 2013/03/25 - 10:35</b> |
| <b>Limit : CISPR_B_10M_QP</b>              | <b>Margin : 6</b>                |
| <b>Probe : Site3_10M-3_0815 - VERTICAL</b> | <b>Power : AC 240V/ 50Hz</b>     |
| <b>EUT : Scanner</b>                       | <b>Note : Mode 1: Scan to PC</b> |

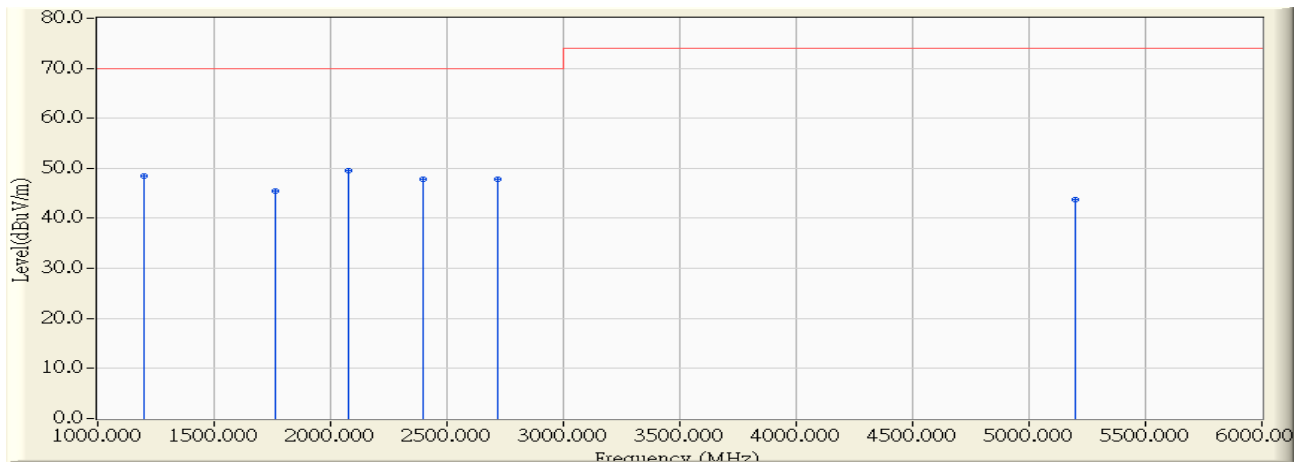


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 |   | 71.940                     | 8.563                          | 5.140                           | 13.703                            | -16.297                | 30.000                    | QUASIPeAK            |
| 2 |   | 108.000                    | 13.515                         | 6.290                           | 19.805                            | -10.195                | 30.000                    | QUASIPeAK            |
| 3 | * | 160.015                    | 15.464                         | 10.040                          | 25.503                            | -4.497                 | 30.000                    | QUASIPeAK            |
| 4 |   | 192.000                    | 12.138                         | 8.930                           | 21.068                            | -8.932                 | 30.000                    | QUASIPeAK            |
| 5 |   | 240.000                    | 15.243                         | 6.900                           | 22.143                            | -14.857                | 37.000                    | QUASIPeAK            |
| 6 |   | 320.025                    | 16.956                         | 10.140                          | 27.096                            | -9.904                 | 37.000                    | QUASIPeAK            |
| 7 |   | 960.100                    | 30.127                         | 1.070                           | 31.197                            | -5.803                 | 37.000                    | QUASIPeAK            |

Note:

1. All Reading Levels are Quasi-Peak value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|   |                           |
|---|---------------------------|
| Site : CB1  | Time : 2013/03/26 - 14:38 |
| Limit : CISPR_22_B_(Above_1G)_3M_PK               | Margin : 0                |
| Probe : CB1_CISPR_22_B(above1G)-1_0901 - VERTICAL | Power : AC 240V/ 50Hz     |
| EUT : Scanner                                     | Note : Mode 1: Scan to PC |



|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 1200.000           | -7.764                 | 56.185                  | 48.421                    | -21.579        | 70.000            | PEAK          |
| 2 | 1760.000           | -5.484                 | 50.928                  | 45.444                    | -24.556        | 70.000            | PEAK          |
| 3 | * 2080.000         | -4.430                 | 53.997                  | 49.567                    | -20.433        | 70.000            | PEAK          |
| 4 | 2400.000           | -3.282                 | 51.074                  | 47.792                    | -22.208        | 70.000            | PEAK          |
| 5 | 2720.000           | -2.181                 | 50.093                  | 47.912                    | -22.088        | 70.000            | PEAK          |
| 6 | 5200.000           | 3.021                  | 40.717                  | 43.738                    | -30.262        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.



#### 4.7. Test Photograph

Test Mode : Mode 1: Scan to PC

Description : Front View of Radiated Emission Test Setup



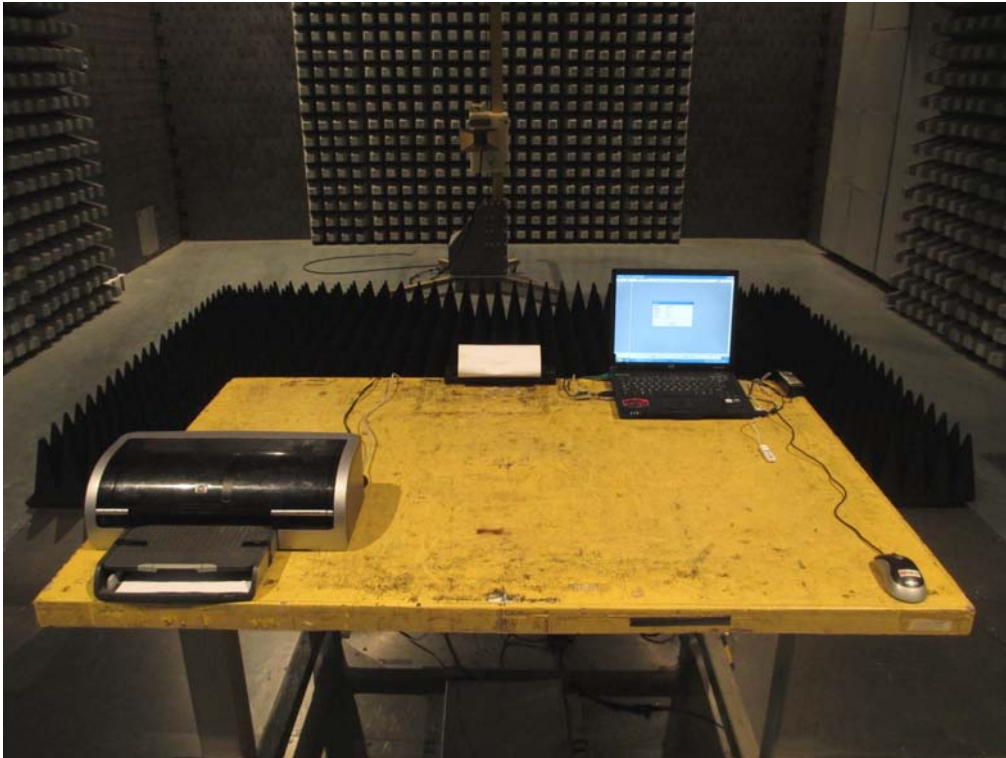
Test Mode : Mode 1: Scan to PC

Description : Back View of Radiated Emission Test Setup



Test Mode : Mode 1: Scan to PC

Description : Front View of Radiated Emission Test-Horn



Test Mode : Mode 1: Scan to PC

Description : Back View of Radiated Emission Test-Horn



**5. Attachment**

➤ **EUT Photograph**

(1) EUT Photo



(2) EUT Photo

