

# FCC Test Report

Compliance with Industry Canada Interference-Causing  
Equipment Standard ICES-003

Product Name : Printer

Model No. : APXXYYY

Applicant : AVISION INC.

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

Date of Receipt : 2015/11/23

Report No. : 15B0400R-ITUSP01V00

Issued Date : 2016/04/25

Report Version : V3.0



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.

This report must not be used to claim product endorsement by TAF, NIST or any agency of the Government.

The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.

# DECLARATION OF CONFORMITY

Per FCC Part 2 Section 2. 1077(a)



The following equipment:

Product Name : Printer  
Trade Name : **Avision**  
Model Number : APXXYYY  
Company Name : AVISION INC.

It's herewith confirmed to comply with the requirements of FCC Part 15 Rules. (Class B)  
Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

The result of electromagnetic emission has been evaluated by QuieTek EMC laboratory and showed in the test report. (Report No: 15B0400R-ITUSP01V00)

It is understood that each unit marketed is identical to the device as tested, and  
Any changes to the device that could adversely affect the emission  
Characteristics will require retest.

The following importer / manufacturer is responsible for this declaration:

Company Name \_\_\_\_\_  
Company Address \_\_\_\_\_  
Telephone \_\_\_\_\_ Facsimile : \_\_\_\_\_

Person is responsible for marking this declaration:


|                    |                  |
|--------------------|------------------|
| _____              | _____            |
| Name ( Full name ) | Position / Title |
| _____              | _____            |
| Date               | Legal Signature  |


# Test Report Certification


Issued Date : 2016/04/25  
Report No. : 15B0400R-ITUSP01V00



Product Name : Printer  
Applicant : AVISION INC.  
Address : No.20, Creation Rd. I, Science Park, Hsinchu, Taiwan  
300 R.O.C.  
Manufacturer : 1. AVISION INC.  
2. AVISION(Suzhou) CO., LTD  
Model No. : APXXYYY  
EUT Voltage : AC 120V/60Hz  
Trade Name : **Avision**  
Applicable Standard : FCC CFR Title 47 Part 15 Subpart B: 2014 Class B,  
CISPR 22: 2008, ICES-003 Issue 5: 2012 Class B,  
ANSI C63.4: 2014  
Test Result : Complied  
Performed Location : Hsinchu EMC Laboratory  
No. 75-2, 3rd Lin, Wangye Keng, Yonghxing Tsuen,  
Qionglin Shiang, Hsinchu County 307, Taiwan  
TEL:+886-3-592-8858 / FAX:+886-3-592-8859

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( Carol Tsai / Senior Engineering Adm. Specialist )

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( Winson Wen / Senior Engineer )

Approved By :   
( Ben Wu / Project 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>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:

### **HsinChu Testing Laboratory :**

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### **LinKou Testing Laboratory :**

No. 5, Ruei-Shu Valley, Ruei-Ping Tsuen, Lin-Kou Shiang, Taipei, Taiwan  
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   | Printer        |
| Trade Name     | <b>Avision</b> |
| Test Model No. | APXXYYY        |

| Component  |   |
|------------|---|
| Scanner    | 1 Set.<br>Cable: Shielded, 0.5m         |
| USB Cable  | Shielded, 1.8m, one ferrite core bonded |
| Power Cord | Non-Shielded, 1.8m                      |

Note:

1. This EUT is a Printer.
2. The model number APXXYYY; XX: 00~30; Y: 0~9,A~Z,- or blank; for different strategy of marketing.

**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: PC Printing (110W)       |   |
| Mode 2: LAN Printing (110W)      |   |
| Mode 3: Document Printing (110W) |   |
| Mode 4: WiFi Printing (110W)     |   |
| Final Test Mode                  |   |
| Emission                         | Mode 1: PC Printing (110W)<br>Mode 2: LAN Printing (110W)<br>Mode 3: Document Printing (110W)<br>Mode 4: WiFi Printing (110W) |

### 1.3. Tested System Details

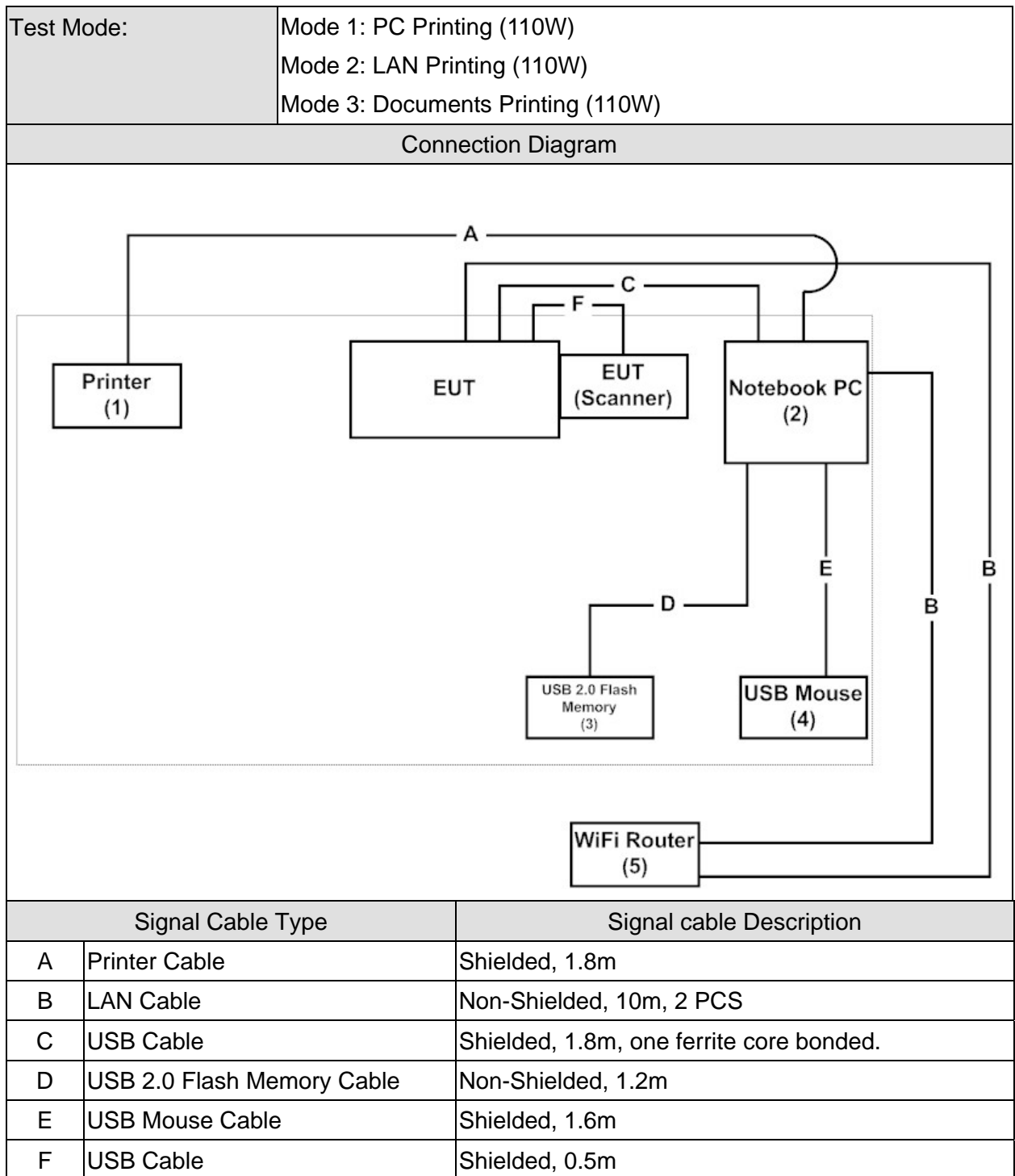
The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

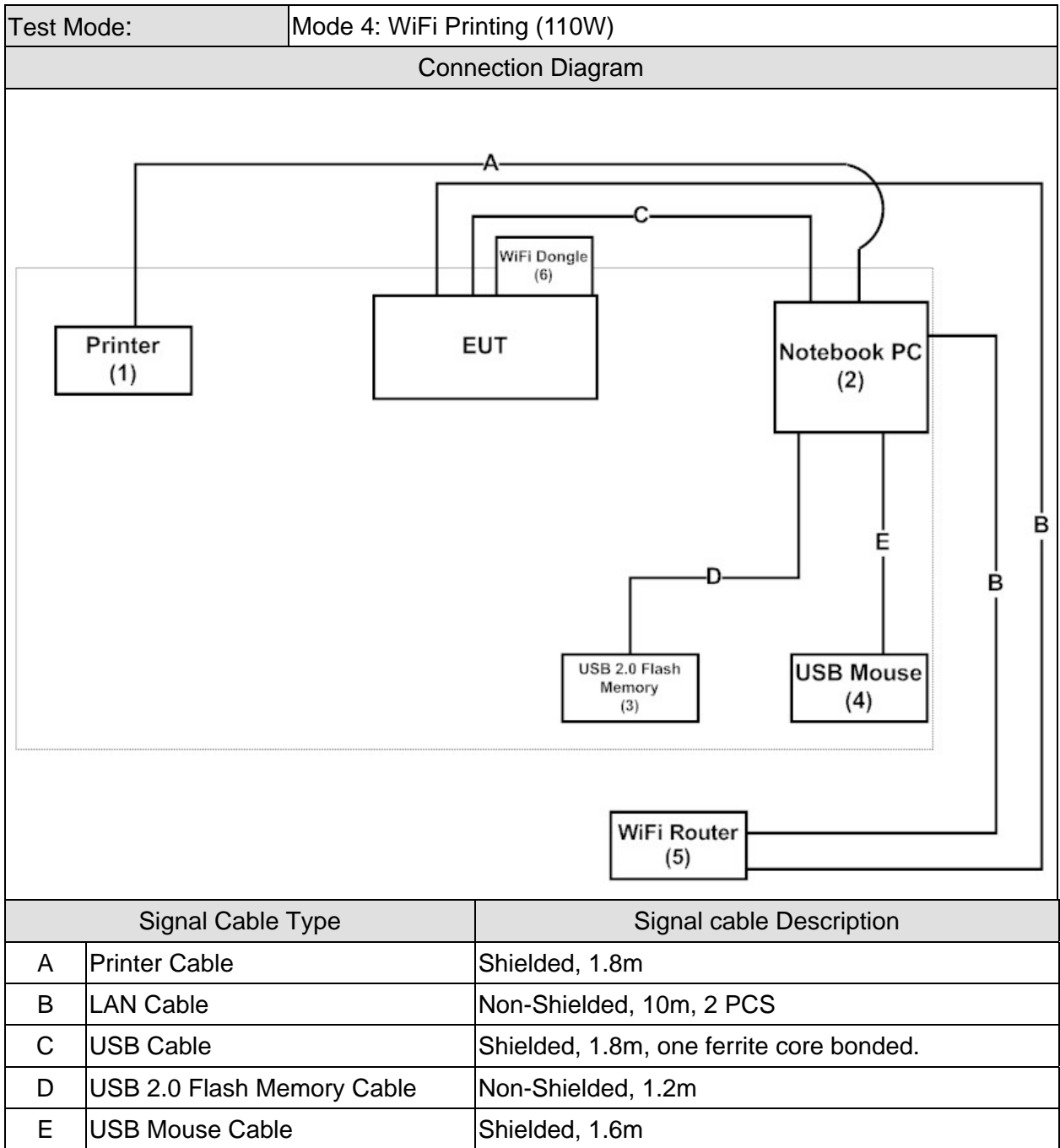
| Test Mode: |                      | Mode 1: PC Printing (110W)<br>Mode 2: LAN Printing (110W)<br>Mode 3: Documents Printing (110W) |           |             |        |  |
|------------|----------------------|--|-----------|-------------|--------|--|
| Product    |                      | Manufacturer   | Model No. | Serial No.  | FCC ID | Power Cord                                     |
| 1          | Printer              | HP   | C9007A    | MY3621M0PS  | DoC    | Non-Shielded, 3.7m,<br>one ferrite core bonded |
| 2          | Notebook PC          | Lenovo   | B590      | WB15330072  | DoC    | Non-Shielded, 1.8m,<br>one ferrite core bonded |
| 3          | USB 2.0 Flash Memory | Apacer   | AH223     | N/A         | DoC    | --   |
| 4          | USB Mouse            | Logitech   | M-UV83    | LZE35006052 | DoC    | --   |
| 5          | WiFi Router          | D-Link   | DIR-619L  | 25738833    | DoC    | Non-Shielded, 1.8m                             |

| Test Mode: |                      | Mode 4: WiFi Printing (110W) |            |              |        |  |
|------------|----------------------|------------------------------|------------|--------------|--------|--|
| Product    |                      | Manufacturer                 | Model No.  | Serial No.   | FCC ID | Power Cord                                     |
| 1          | Printer              | HP                           | C9007A     | MY3621M0PS   | DoC    | Non-Shielded, 3.7m,<br>one ferrite core bonded |
| 2          | Notebook PC          | Lenovo                       | B590       | WB15330072   | DoC    | Non-Shielded, 1.8m,<br>one ferrite core bonded |
| 3          | USB 2.0 Flash Memory | Apacer                       | AH223      | N/A          | DoC    | --   |
| 4          | USB Mouse            | Logitech                     | M-UV83     | LZE35006052  | DoC    | --   |
| 5          | WiFi Router          | D-Link                       | DIR-619L   | 25738833     | DoC    | Non-Shielded, 1.8m                             |
| 6          | WiFi Dongle          | AMPAK                        | WUBR-626GN | 6CFAA7DFAF88 | --     | WiFi Dongle                                    |



### 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 equipments.  |
| 3 | Boot the Notebook PC from Hard Disk.  |
| 4 | Notebook PC reads test software from disk and then sent to EUT.                             |
| 5 | Scanner scan data and then sent to EUT.   |
| 6 | Scanner receive data from WiFi dongle and then sent to EUT.                                 |
| 7 | The EUT will start to operate and print the data.   |
| 8 | Repeat the above procedure (4) to (7).  |

## 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 | FCC CFR Title 47 Part 15 Subpart B: 2014,<br>CISPR 22: 2008, ANSI C63.4: 2014 | Yes            | No        |
| Radiated Emission  | FCC CFR Title 47 Part 15 Subpart B: 2014,<br>CISPR 22: 2008, ANSI C63.4: 2014 | Yes            | No        |

## 2.2. List of Test Equipment

### Conducted Emission / SR3 (Mode 1~3)

| Instrument         | Manufacturer | Model No.   | Serial No. | Next Cal. Date |
|--------------------|--------------|-------------|------------|----------------|
| LISN               | R&S          | ENV216      | 100096     | 2016/07/27     |
| LISN               | R&S          | ESH3-Z5     | 836679/022 | 2016/11/30     |
| Test Receiver      | R&S          | ESCS 30     | 825442/017 | 2017/01/04     |
| Coaxial Cable      | Harbour      | RG-400      | SR3        | 2016/08/14     |
| Quietek EMI system | Quietek      | Version 2.2 | SR3        | N/A            |

### Conducted Emission / SR2 (Mode 4)

| Instrument               | Manufacturer | Model No.   | Serial No. | Next Cal. Date |
|--------------------------|--------------|-------------|------------|----------------|
| Artificial Mains Network | R&S          | ENV4200     | 848411/010 | 2017/01/20     |
| Coaxial Cable            | Harbour      | RG-400      | SR2        | 2016/08/14     |
| LISN                     | R&S          | ENV216      | 100092     | 2016/08/17     |
| Test Receiver            | R&S          | ESCS 30     | 825442/014 | 2016/07/16     |
| Quietek EMI system       | Quietek      | Version 2.2 | SR2        | N/A            |

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

| Instrument         | Manufacturer | Model No.   | Serial No. | Next Cal. Date |
|--------------------|--------------|-------------|------------|----------------|
| Bilog Antenna      | Schaffner    | CBL6112B    | 2797       | 2016/08/14     |
| Spectrum Analyzer  | Advantest    | R3132       | 100803278  | 2016/11/04     |
| Test Receiver      | R&S          | ESCS 30     | 836858/022 | 2017/01/14     |
| Coaxial Switch     | Anritsu      | MP59B       | 6201464326 | 2016/08/14     |
| Coaxial Cable      | Belden       | Belden 9913 | Site3      | 2016/08/14     |
| 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    | 2017/01/11     |
| Double Ridged Guide Horn Antenna | Schwarzbeck  | BBHA 9120              | D743       | 2017/01/14     |
| Horn Antenna                     | Schwarzbeck  | BBHA 9170              | 203        | 2016/09/07     |
| Pre-Amplifier                    | Quietek      | AMF-4D-00501800-24-10P | 1203577    | 2016/05/24     |
| PSA Series Spectrum analyzer     | Agilent      | E4440A                 | MY46187335 | 2016/12/24     |
| Signal & Spectrum Analyzer       | R&S          | FSV40                  | 101049     | 2017/01/05     |
| 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

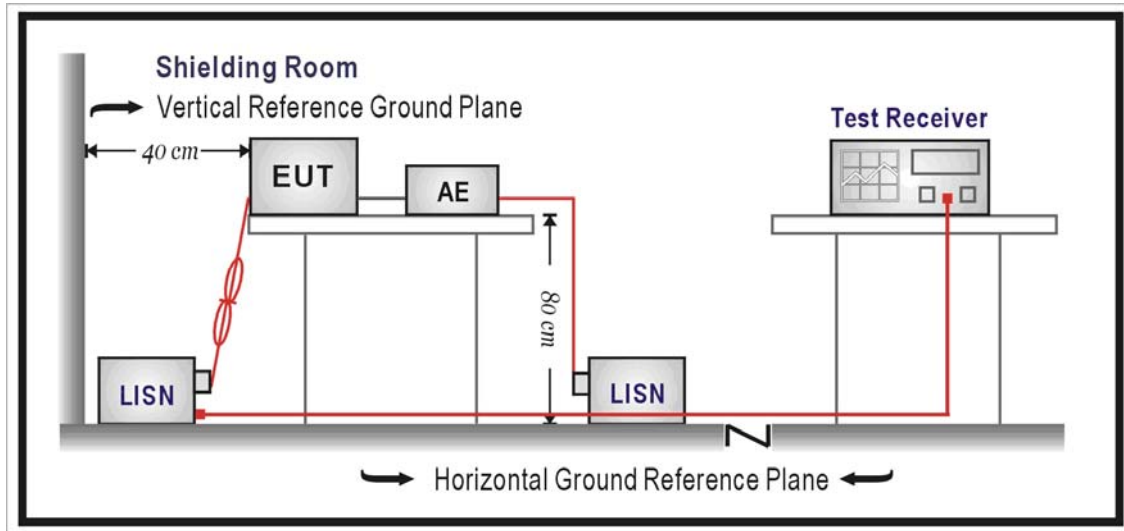
| Performed Item     | Items                      | Required | Actual   |
|--------------------|----------------------------|----------|----------|
| Conducted Emission | Temperature (°C)           | 15-35    | 25       |
|                    | Humidity (%RH)             | 25-75    | 50       |
|                    | Barometric pressure (mbar) | 860-1060 | 950-1000 |
| Radiated Emission  | Temperature (°C)           | 15-35    | 22       |
|                    | Humidity (%RH)             | 25-75    | 63       |
|                    | Barometric pressure (mbar) | 860-1060 | 950-1000 |

### 3. Conducted Emission

#### 3.1. Test Specification

According to Standard : FCC Part 15 Subpart B, ANSI C63.4

#### 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.)

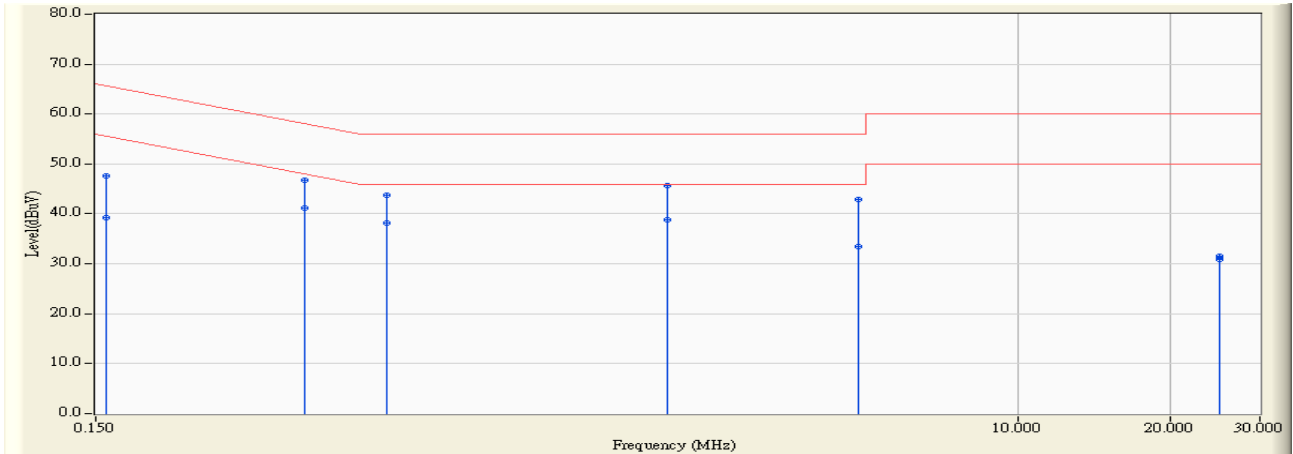
Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.

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



### 3.5. Test Result

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Site : SR3                           | Time : 2016/02/18 - 16:10         |
| Limit : CISPR_B_00M_QP               | Margin : 10                       |
| Probe : SR3_LISN(16A)-5_0728 - Line1 | Power : AC 120V/60Hz              |
| EUT : Printer                        | Note : Mode 1: PC Printing (110W) |

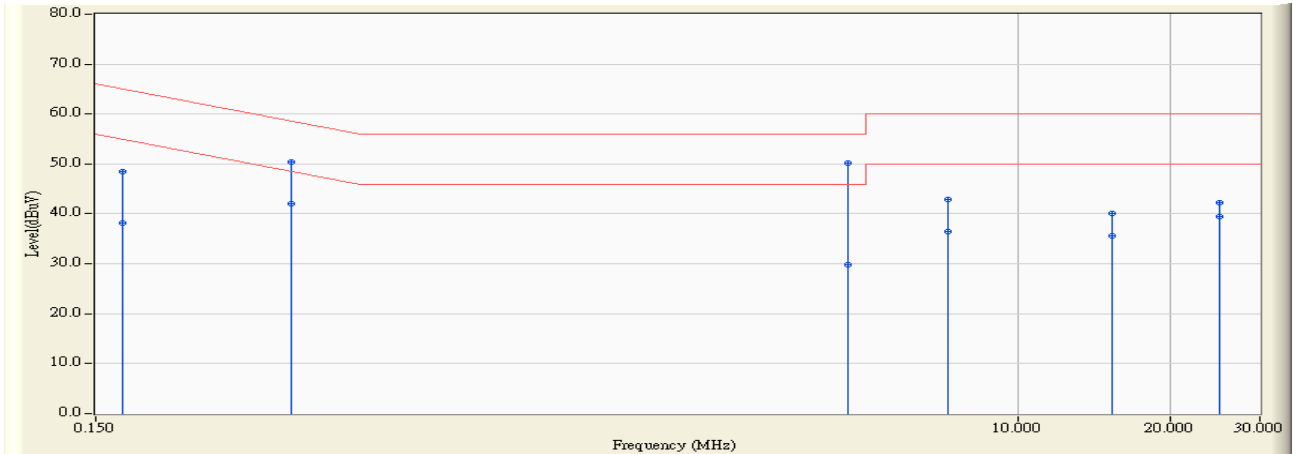


|    | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV) | Margin (dB) | Limit (dBuV) | Detector Type |
|----|-----------------|---------------------|----------------------|----------------------|-------------|--------------|---------------|
| 1  | 0.158           | 9.658               | 37.870               | 47.528               | -18.050     | 65.578       | QUASPEAK      |
| 2  | 0.158           | 9.658               | 29.680               | 39.338               | -16.240     | 55.578       | AVERAGE       |
| 3  | 0.388           | 9.776               | 36.890               | 46.666               | -11.444     | 58.110       | QUASPEAK      |
| 4  | * 0.388         | 9.776               | 31.370               | 41.146               | -6.964      | 48.110       | AVERAGE       |
| 5  | 0.563           | 9.855               | 33.970               | 43.825               | -12.175     | 56.000       | QUASPEAK      |
| 6  | 0.563           | 9.855               | 28.350               | 38.205               | -7.795      | 46.000       | AVERAGE       |
| 7  | 2.025           | 9.950               | 35.830               | 45.780               | -10.220     | 56.000       | QUASPEAK      |
| 8  | 2.025           | 9.950               | 28.920               | 38.870               | -7.130      | 46.000       | AVERAGE       |
| 9  | 4.818           | 10.067              | 32.820               | 42.887               | -13.113     | 56.000       | QUASPEAK      |
| 10 | 4.818           | 10.067              | 23.370               | 33.437               | -12.563     | 46.000       | AVERAGE       |
| 11 | 24.901          | 10.120              | 21.480               | 31.600               | -28.400     | 60.000       | QUASPEAK      |
| 12 | 24.901          | 10.120              | 20.710               | 30.830               | -19.170     | 50.000       | 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 : 2016/02/18 - 16:08</b>         |
| <b>Limit : CISPR_B_00M_QP</b>               | <b>Margin : 10</b>                       |
| <b>Probe : SR3_LISN(16A)-5_0728 - Line2</b> | <b>Power : AC 120V/60Hz</b>              |
| <b>EUT : Printer</b>                        | <b>Note : Mode 1: PC Printing (110W)</b> |

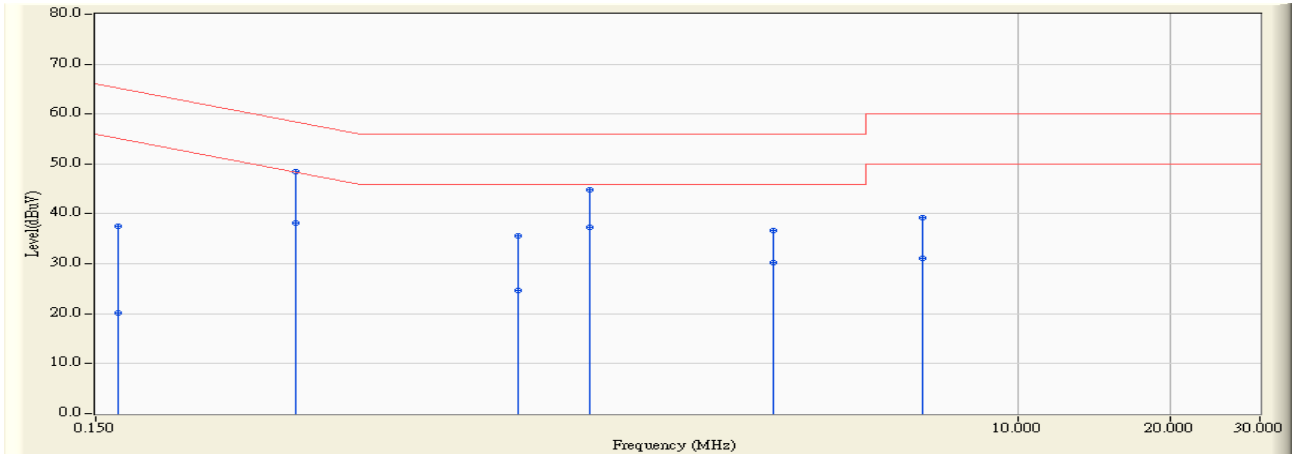


|    |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV)</b> | <b>Detector Type</b> |
|----|---|----------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------|-------------------------|----------------------|
| 1  |   | 0.170                      | 9.657                          | 38.790                          | 48.447                          | -16.537                | 64.983                  | QUASIPeAK            |
| 2  |   | 0.170                      | 9.657                          | 28.610                          | 38.267                          | -16.717                | 54.983                  | AVERAGE              |
| 3  |   | 0.365                      | 9.759                          | 40.700                          | 50.459                          | -8.158                 | 58.617                  | QUASIPeAK            |
| 4  |   | 0.365                      | 9.759                          | 32.260                          | 42.019                          | -6.598                 | 48.617                  | AVERAGE              |
| 5  | * | 4.595                      | 10.068                         | 40.200                          | 50.268                          | -5.732                 | 56.000                  | QUASIPeAK            |
| 6  |   | 4.595                      | 10.068                         | 19.700                          | 29.768                          | -16.232                | 46.000                  | AVERAGE              |
| 7  |   | 7.263                      | 10.114                         | 32.770                          | 42.884                          | -17.116                | 60.000                  | QUASIPeAK            |
| 8  |   | 7.263                      | 10.114                         | 26.250                          | 36.364                          | -13.636                | 50.000                  | AVERAGE              |
| 9  |   | 15.357                     | 10.216                         | 29.990                          | 40.206                          | -19.794                | 60.000                  | QUASIPeAK            |
| 10 |   | 15.357                     | 10.216                         | 25.490                          | 35.706                          | -14.294                | 50.000                  | AVERAGE              |
| 11 |   | 24.905                     | 10.319                         | 31.890                          | 42.209                          | -17.791                | 60.000                  | QUASIPeAK            |
| 12 |   | 24.905                     | 10.319                         | 29.230                          | 39.549                          | -10.451                | 50.000                  | 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 : 2016/03/16 - 15:34</b>          |
| <b>Limit : CISPR_B_00M_QP</b>               | <b>Margin : 10</b>                        |
| <b>Probe : SR3_LISN(16A)-5_0728 - Line1</b> | <b>Power : AC 120V/60Hz</b>               |
| <b>EUT : Printer</b>                        | <b>Note : Mode 2: LAN Printing (110W)</b> |

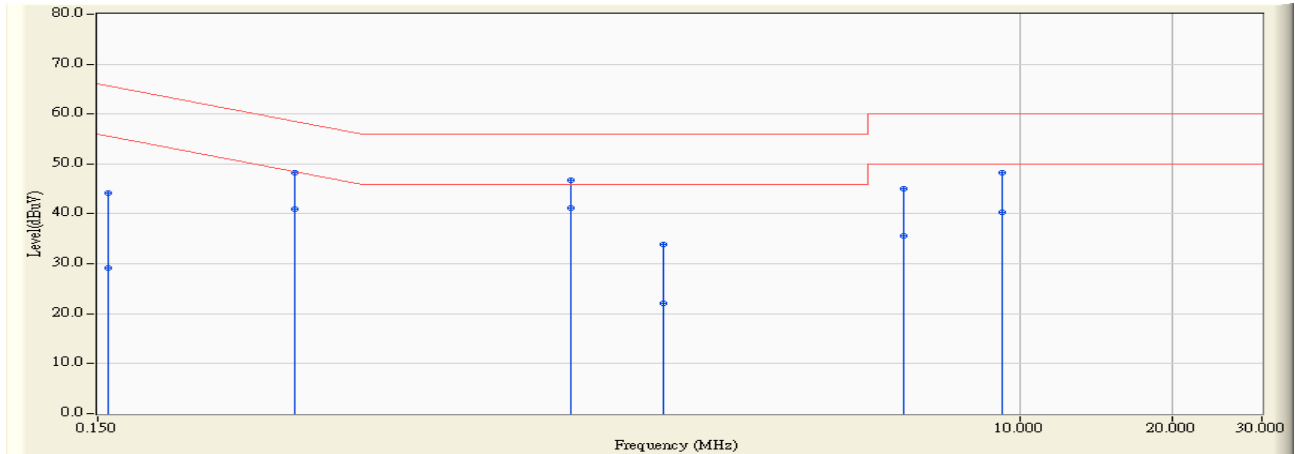


|    |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV)</b> | <b>Detector Type</b> |
|----|---|----------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------|-------------------------|----------------------|
| 1  |   | 0.166                      | 9.659                          | 27.920                          | 37.579                          | -27.598                | 65.177                  | QUASIPeAK            |
| 2  |   | 0.166                      | 9.659                          | 10.600                          | 20.259                          | -34.918                | 55.177                  | AVERAGE              |
| 3  |   | 0.373                      | 9.771                          | 38.790                          | 48.561                          | -9.880                 | 58.442                  | QUASIPeAK            |
| 4  |   | 0.373                      | 9.771                          | 28.440                          | 38.211                          | -10.230                | 48.442                  | AVERAGE              |
| 5  |   | 1.029                      | 9.940                          | 25.710                          | 35.650                          | -20.350                | 56.000                  | QUASIPeAK            |
| 6  |   | 1.029                      | 9.940                          | 14.730                          | 24.670                          | -21.330                | 46.000                  | AVERAGE              |
| 7  |   | 1.420                      | 9.944                          | 34.820                          | 44.764                          | -11.236                | 56.000                  | QUASIPeAK            |
| 8  | * | 1.420                      | 9.944                          | 27.400                          | 37.344                          | -8.656                 | 46.000                  | AVERAGE              |
| 9  |   | 3.271                      | 10.003                         | 26.580                          | 36.583                          | -19.417                | 56.000                  | QUASIPeAK            |
| 10 |   | 3.271                      | 10.003                         | 20.330                          | 30.333                          | -15.667                | 46.000                  | AVERAGE              |
| 11 |   | 6.463                      | 10.091                         | 29.070                          | 39.161                          | -20.839                | 60.000                  | QUASIPeAK            |
| 12 |   | 6.463                      | 10.091                         | 20.930                          | 31.021                          | -18.979                | 50.000                  | 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 : 2016/03/16 - 15:32</b>          |
| <b>Limit : CISPR_B_00M_QP</b>               | <b>Margin : 10</b>                        |
| <b>Probe : SR3_LISN(16A)-5_0728 - Line2</b> | <b>Power : AC 120V/60Hz</b>               |
| <b>EUT : Printer</b>                        | <b>Note : Mode 2: LAN Printing (110W)</b> |

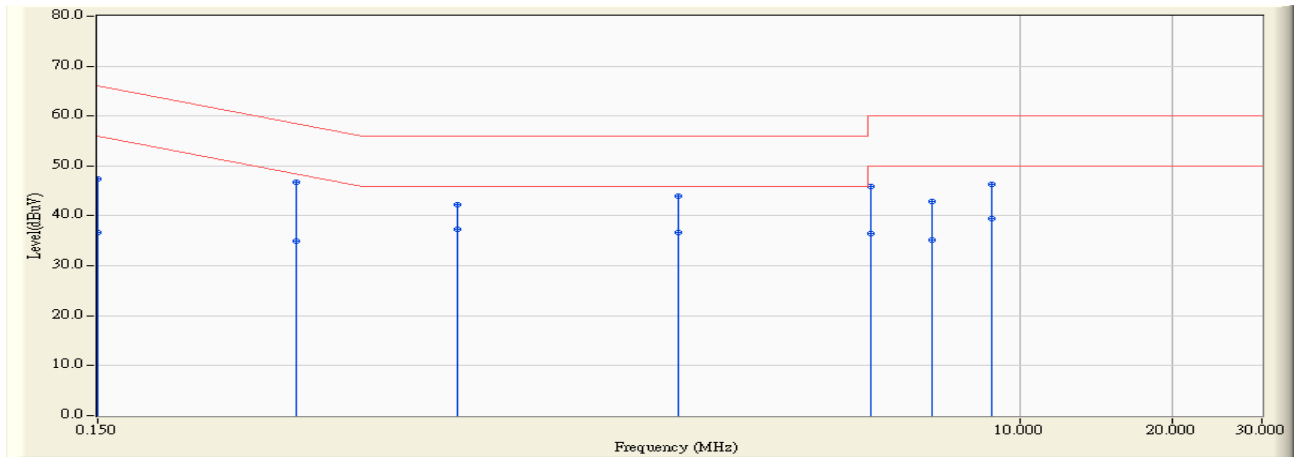


|    |   | <b>Frequency (MHz)</b> | <b>Correct Factor (dB)</b> | <b>Reading Level (dBuV)</b> | <b>Measure Level (dBuV)</b> | <b>Margin (dB)</b> | <b>Limit (dBuV)</b> | <b>Detector Type</b> |
|----|---|------------------------|----------------------------|-----------------------------|-----------------------------|--------------------|---------------------|----------------------|
| 1  |   | 0.158                  | 9.654                      | 34.570                      | 44.224                      | -21.354            | 65.578              | QUASPEAK             |
| 2  |   | 0.158                  | 9.654                      | 19.620                      | 29.274                      | -26.304            | 55.578              | AVERAGE              |
| 3  |   | 0.369                  | 9.762                      | 38.570                      | 48.332                      | -10.197            | 58.529              | QUASPEAK             |
| 4  |   | 0.369                  | 9.762                      | 31.240                      | 41.002                      | -7.527             | 48.529              | AVERAGE              |
| 5  |   | 1.291                  | 9.943                      | 36.900                      | 46.843                      | -9.157             | 56.000              | QUASPEAK             |
| 6  | * | 1.291                  | 9.943                      | 31.150                      | 41.093                      | -4.907             | 46.000              | AVERAGE              |
| 7  |   | 1.970                  | 9.950                      | 24.020                      | 33.970                      | -22.030            | 56.000              | QUASPEAK             |
| 8  |   | 1.970                  | 9.950                      | 12.190                      | 22.140                      | -23.860            | 46.000              | AVERAGE              |
| 9  |   | 5.892                  | 10.095                     | 34.970                      | 45.065                      | -14.935            | 60.000              | QUASPEAK             |
| 10 |   | 5.892                  | 10.095                     | 25.520                      | 35.615                      | -14.385            | 50.000              | AVERAGE              |
| 11 |   | 9.209                  | 10.139                     | 38.080                      | 48.219                      | -11.781            | 60.000              | QUASPEAK             |
| 12 |   | 9.209                  | 10.139                     | 30.180                      | 40.319                      | -9.681             | 50.000              | 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 : 2016/03/16 - 15:26</b>                |
| <b>Limit : CISPR_B_00M_QP</b>               | <b>Margin : 10</b>                              |
| <b>Probe : SR3_LISN(16A)-5_0728 - Line1</b> | <b>Power : AC 120V/60Hz</b>                     |
| <b>EUT : Printer</b>                        | <b>Note : Mode 3: Documents Printing (110W)</b> |

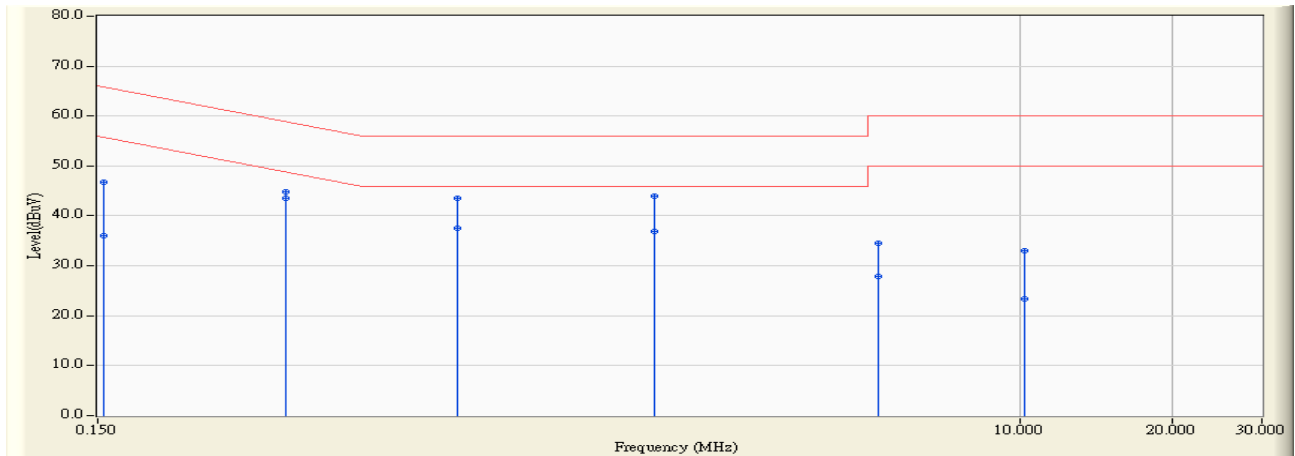


|    |   | <b>Frequency (MHz)</b> | <b>Correct Factor (dB)</b> | <b>Reading Level (dBuV)</b> | <b>Measure Level (dBuV)</b> | <b>Margin (dB)</b> | <b>Limit (dBuV)</b> | <b>Detector Type</b> |
|----|---|------------------------|----------------------------|-----------------------------|-----------------------------|--------------------|---------------------|----------------------|
| 1  |   | 0.150                  | 9.657                      | 37.760                      | 47.417                      | -18.583            | 66.000              | QUASPEAK             |
| 2  |   | 0.150                  | 9.657                      | 26.940                      | 36.597                      | -19.403            | 56.000              | AVERAGE              |
| 3  |   | 0.370                  | 9.770                      | 37.080                      | 46.850                      | -11.651            | 58.501              | QUASPEAK             |
| 4  |   | 0.370                  | 9.770                      | 25.280                      | 35.050                      | -13.451            | 48.501              | AVERAGE              |
| 5  |   | 0.770                  | 9.894                      | 32.420                      | 42.314                      | -13.686            | 56.000              | QUASPEAK             |
| 6  | * | 0.770                  | 9.894                      | 27.520                      | 37.414                      | -8.586             | 46.000              | AVERAGE              |
| 7  |   | 2.111                  | 9.951                      | 33.930                      | 43.881                      | -12.119            | 56.000              | QUASPEAK             |
| 8  |   | 2.111                  | 9.951                      | 26.770                      | 36.721                      | -9.279             | 46.000              | AVERAGE              |
| 9  |   | 5.045                  | 10.079                     | 35.920                      | 45.999                      | -14.001            | 60.000              | QUASPEAK             |
| 10 |   | 5.045                  | 10.079                     | 26.470                      | 36.549                      | -13.451            | 50.000              | AVERAGE              |
| 11 |   | 6.693                  | 10.092                     | 32.720                      | 42.812                      | -17.188            | 60.000              | QUASPEAK             |
| 12 |   | 6.693                  | 10.092                     | 25.140                      | 35.232                      | -14.768            | 50.000              | AVERAGE              |
| 13 |   | 8.795                  | 10.110                     | 36.290                      | 46.400                      | -13.600            | 60.000              | QUASPEAK             |
| 14 |   | 8.795                  | 10.110                     | 29.390                      | 39.500                      | -10.500            | 50.000              | 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 : 2016/03/16 - 15:29</b>                |
| <b>Limit : CISPR_B_00M_QP</b>               | <b>Margin : 10</b>                              |
| <b>Probe : SR3_LISN(16A)-5_0728 - Line2</b> | <b>Power : AC 120V/60Hz</b>                     |
| <b>EUT : Printer</b>                        | <b>Note : Mode 3: Documents Printing (110W)</b> |

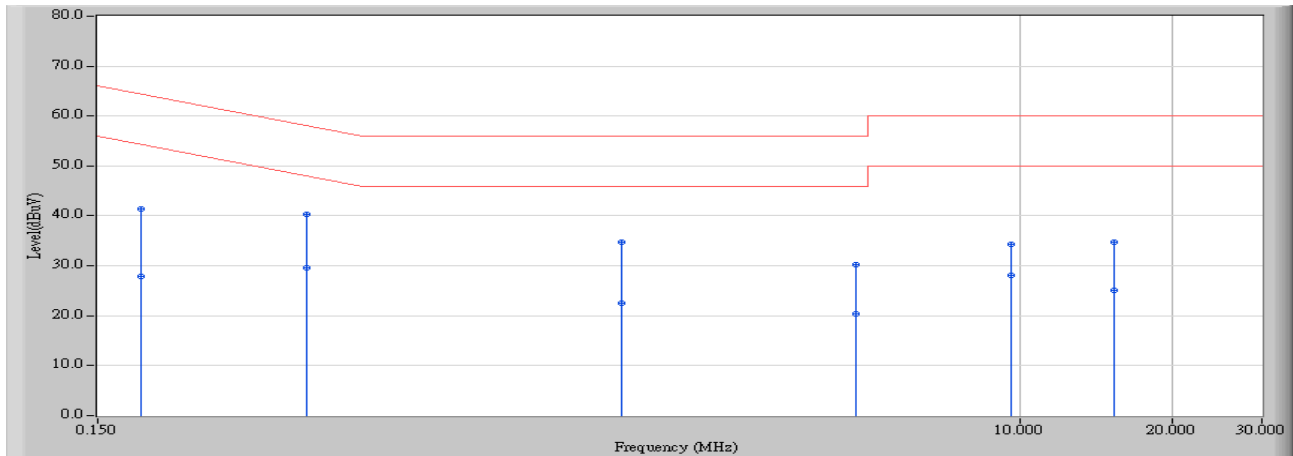


|    |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV)</b> | <b>Detector Type</b> |
|----|---|----------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------|-------------------------|----------------------|
| 1  |   | 0.154                      | 9.653                          | 37.070                          | 46.723                          | -19.063                | 65.786                  | QUASIPeAK            |
| 2  |   | 0.154                      | 9.653                          | 26.480                          | 36.133                          | -19.653                | 55.786                  | AVERAGE              |
| 3  |   | 0.353                      | 9.751                          | 35.010                          | 44.762                          | -14.127                | 58.889                  | QUASIPeAK            |
| 4  | * | 0.353                      | 9.751                          | 33.710                          | 43.462                          | -5.427                 | 48.889                  | AVERAGE              |
| 5  |   | 0.771                      | 9.890                          | 33.570                          | 43.460                          | -12.540                | 56.000                  | QUASIPeAK            |
| 6  |   | 0.771                      | 9.890                          | 27.570                          | 37.460                          | -8.540                 | 46.000                  | AVERAGE              |
| 7  |   | 1.892                      | 9.949                          | 34.120                          | 44.069                          | -11.931                | 56.000                  | QUASIPeAK            |
| 8  |   | 1.892                      | 9.949                          | 26.950                          | 36.899                          | -9.101                 | 46.000                  | AVERAGE              |
| 9  |   | 5.236                      | 10.087                         | 24.490                          | 34.577                          | -25.423                | 60.000                  | QUASIPeAK            |
| 10 |   | 5.236                      | 10.087                         | 17.800                          | 27.887                          | -22.113                | 50.000                  | AVERAGE              |
| 11 |   | 10.185                     | 10.152                         | 22.790                          | 32.942                          | -27.058                | 60.000                  | QUASIPeAK            |
| 12 |   | 10.185                     | 10.152                         | 13.310                          | 23.462                          | -26.538                | 50.000                  | 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 : SR2</b>                           | <b>Time : 2016/04/06 - 09:33</b>           |
| <b>Limit : CISPR_B_00M_QP</b>               | <b>Margin : 10</b>                         |
| <b>Probe : SR2_LISN(16A)-5_0818 - Line1</b> | <b>Power : AC 120V/60Hz</b>                |
| <b>EUT : Printer</b>                        | <b>Note : Mode 4: WiFi Printing (110W)</b> |

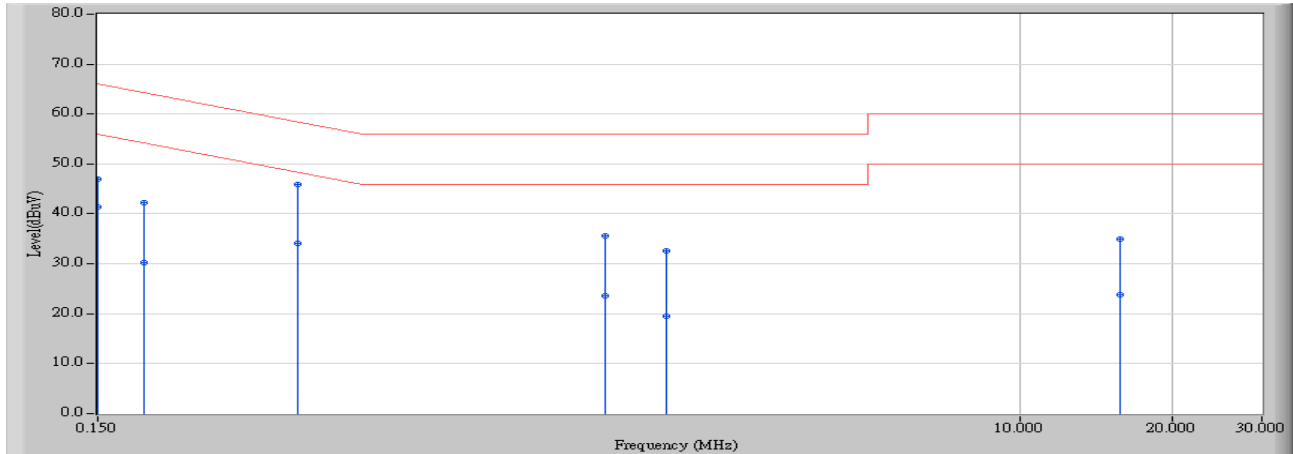


|    |   | <b>Frequency (MHz)</b> | <b>Correct Factor (dB)</b> | <b>Reading Level (dBuV)</b> | <b>Measure Level (dBuV)</b> | <b>Margin (dB)</b> | <b>Limit (dBuV)</b> | <b>Detector Type</b> |
|----|---|------------------------|----------------------------|-----------------------------|-----------------------------|--------------------|---------------------|----------------------|
| 1  |   | 0.182                  | 9.688                      | 31.750                      | 41.438                      | -22.947            | 64.385              | QUASPEAK             |
| 2  |   | 0.182                  | 9.688                      | 18.220                      | 27.908                      | -26.477            | 54.385              | AVERAGE              |
| 3  | * | 0.387                  | 9.705                      | 30.580                      | 40.285                      | -17.839            | 58.124              | QUASPEAK             |
| 4  |   | 0.387                  | 9.705                      | 19.930                      | 29.635                      | -18.489            | 48.124              | AVERAGE              |
| 5  |   | 1.630                  | 9.757                      | 25.010                      | 34.768                      | -21.232            | 56.000              | QUASPEAK             |
| 6  |   | 1.630                  | 9.757                      | 12.670                      | 22.428                      | -23.572            | 46.000              | AVERAGE              |
| 7  |   | 4.736                  | 9.901                      | 20.320                      | 30.221                      | -25.779            | 56.000              | QUASPEAK             |
| 8  |   | 4.736                  | 9.901                      | 10.510                      | 20.411                      | -25.589            | 46.000              | AVERAGE              |
| 9  |   | 9.552                  | 10.092                     | 24.310                      | 34.402                      | -25.598            | 60.000              | QUASPEAK             |
| 10 |   | 9.552                  | 10.092                     | 18.100                      | 28.192                      | -21.808            | 50.000              | AVERAGE              |
| 11 |   | 15.353                 | 10.226                     | 24.520                      | 34.745                      | -25.255            | 60.000              | QUASPEAK             |
| 12 |   | 15.353                 | 10.226                     | 14.880                      | 25.105                      | -24.895            | 50.000              | 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 : SR2</b>                           | <b>Time : 2016/04/06 - 09:36</b>           |
| <b>Limit : CISPR_B_00M_QP</b>               | <b>Margin : 10</b>                         |
| <b>Probe : SR2_LISN(16A)-5_0818 - Line2</b> | <b>Power : AC 120V/60Hz</b>                |
| <b>EUT : Printer</b>                        | <b>Note : Mode 4: WiFi Printing (110W)</b> |



|    |   | <b>Frequency (MHz)</b> | <b>Correct Factor (dB)</b> | <b>Reading Level (dBuV)</b> | <b>Measure Level (dBuV)</b> | <b>Margin (dB)</b> | <b>Limit (dBuV)</b> | <b>Detector Type</b> |
|----|---|------------------------|----------------------------|-----------------------------|-----------------------------|--------------------|---------------------|----------------------|
| 1  |   | 0.150                  | 9.762                      | 37.120                      | 46.882                      | -19.118            | 66.000              | QUASIPeAK            |
| 2  |   | 0.150                  | 9.762                      | 31.560                      | 41.322                      | -14.678            | 56.000              | AVERAGE              |
| 3  |   | 0.185                  | 9.765                      | 32.380                      | 42.145                      | -22.106            | 64.251              | QUASIPeAK            |
| 4  |   | 0.185                  | 9.765                      | 20.580                      | 30.345                      | -23.906            | 54.251              | AVERAGE              |
| 5  | * | 0.373                  | 9.783                      | 36.210                      | 45.993                      | -12.448            | 58.442              | QUASIPeAK            |
| 6  |   | 0.373                  | 9.783                      | 24.240                      | 34.023                      | -14.418            | 48.442              | AVERAGE              |
| 7  |   | 1.513                  | 9.841                      | 25.700                      | 35.541                      | -20.459            | 56.000              | QUASIPeAK            |
| 8  |   | 1.513                  | 9.841                      | 13.750                      | 23.591                      | -22.409            | 46.000              | AVERAGE              |
| 9  |   | 1.998                  | 9.870                      | 22.770                      | 32.640                      | -23.360            | 56.000              | QUASIPeAK            |
| 10 |   | 1.998                  | 9.870                      | 9.710                       | 19.580                      | -26.420            | 46.000              | AVERAGE              |
| 11 |   | 15.744                 | 10.175                     | 24.790                      | 34.965                      | -25.035            | 60.000              | QUASIPeAK            |
| 12 |   | 15.744                 | 10.175                     | 13.540                      | 23.715                      | -26.285            | 50.000              | 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.



### 3.6. Test Photograph

Test Mode : Mode 1: PC Printing (110W)

Description : Front View of Conducted Emission Test Setup



Test Mode : Mode 1: PC Printing (110W)

Description : Back View of Conducted Emission Test Setup



Test Mode : Mode 2: LAN Printing (110W)

Description : Front View of Conducted Emission Test Setup



Test Mode : Mode 2: LAN Printing (110W)

Description : Back View of Conducted Emission Test Setup



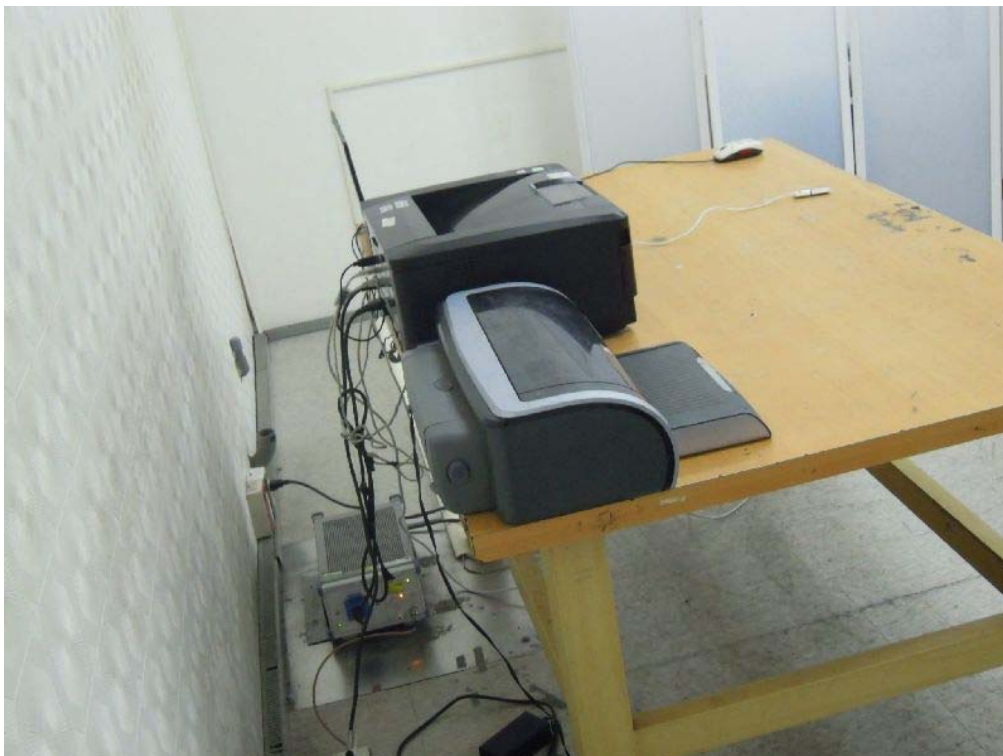
Test Mode : Mode 3: Document Printing (110W)

Description : Front View of Conducted Emission Test Setup



Test Mode : Mode 3: Document Printing (110W)

Description : Back View of Conducted Emission Test Setup



Test Mode : Mode 4: WiFi Printing (110W)

Description : Front View of Conducted Emission Test Setup



Test Mode : Mode 4: WiFi Printing (110W)

Description : Back View of Conducted Emission Test Setup



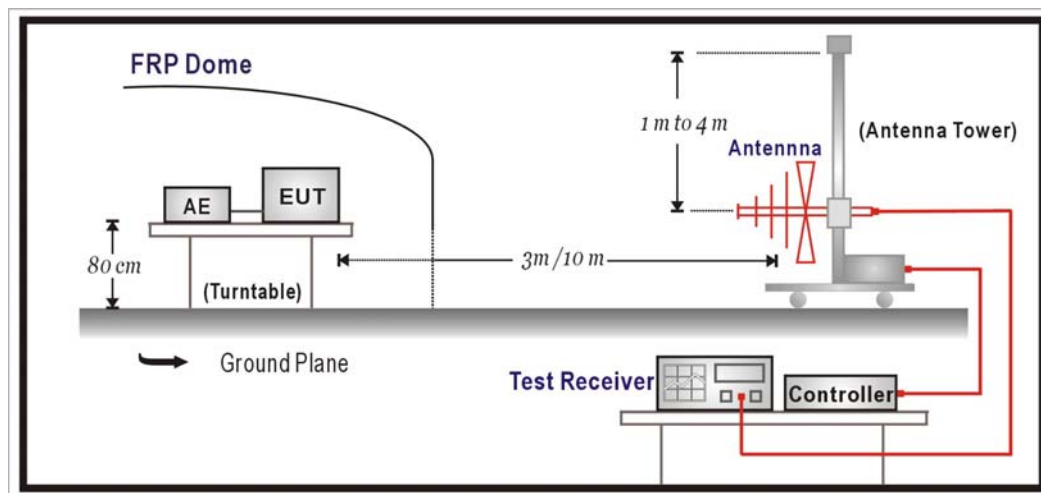
## 4. Radiated Emission

### 4.1. Test Specification

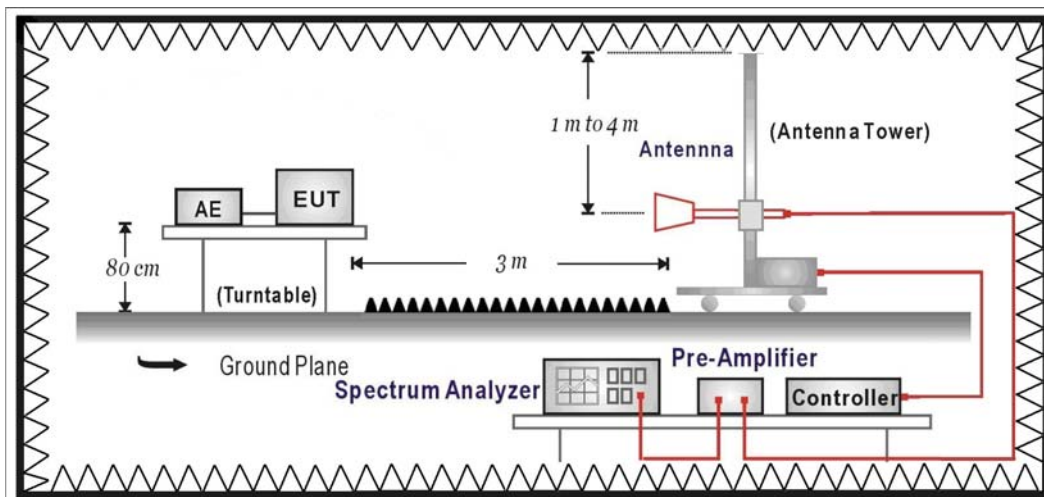
According to EMC Standard : FCC Part 15 Subpart B, ANSI C63.4

### 4.2. Test Setup

Under 1GHz Test Setup



Above 1GHz Test Setup



### 4.3. Limit

Under 1GHz test shall not exceed the following value:

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

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.

Above 1GHz test shall not exceed the following value:

| FCC Part 15 Subpart B Paragraph 15.109 Limits (dBuV/m) |              |        |
|--|--------------|--------|
| Frequency (MHz)  | Distance (m) | dBuV/m |
| 30-88  | 3            | 40     |
| 88-216   | 3            | 43.5   |
| 216-960  | 3            | 46     |
| Above 960  | 3            | 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.
3. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

#### 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 and the antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

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.

For an unintentional radiator, including a digital device, 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 – 108  | 1000  |
| 108 – 500  | 2000  |
| 500 – 1000   | 5000  |
| Above 1000   | 5 <sup>th</sup> harmonic of the highest frequency or 40 GHz, whichever is lower |

On any frequency or frequencies below or equal to 1000 MHz, the radiated limits shown are based on measuring equipment employing a quasi-peak detector function and above 1000 MHz, the radiated limits shown are based measuring equipment employing an average detector function.

When average radiated emission measurement are included emission measurement Above 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

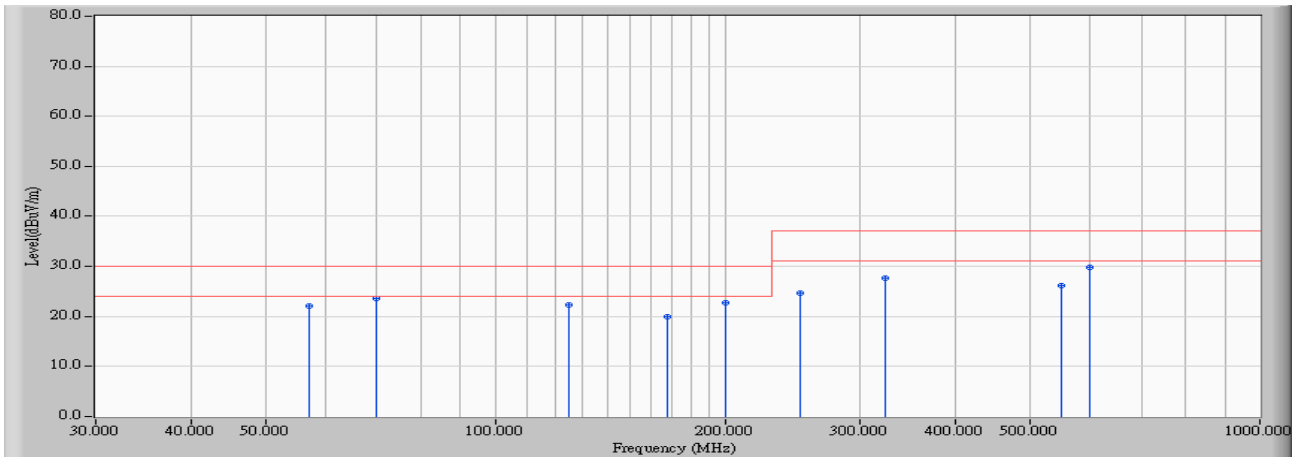
For class A, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and 3 meters for above 1GHz.

For class B, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and 3 meters for above 1GHz.

The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCS 30) is 120 kHz and above 1GHz is 1MHz.

### 4.5. Test Result

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Site : SITE3                          | Time : 2016/04/15 - 10:54         |
| Limit : CISPR_B_10M_QP                | Margin : 6                        |
| Probe : Site3_10M-3_0426 - HORIZONTAL | Power : AC 120V/60Hz              |
| EUT : Printer                         | Note : Mode 1: PC Printing (110W) |



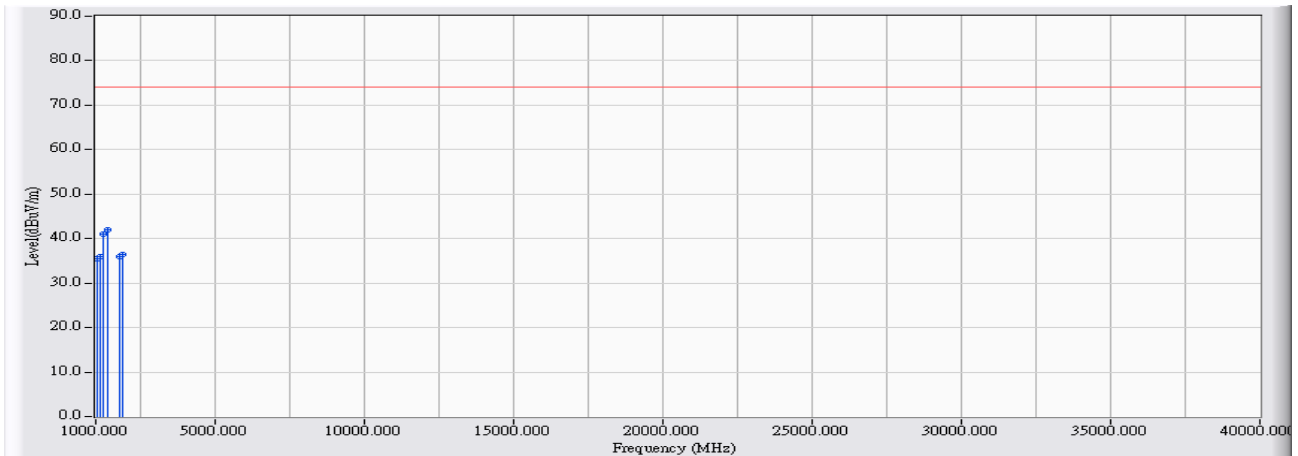
|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 57.000          | 10.138              | 12.000               | 22.138                 | -7.862      | 30.000         | QUASPEAK      |
| 2 | * 70.000        | 8.312               | 15.200               | 23.512                 | -6.488      | 30.000         | QUASPEAK      |
| 3 | 125.000         | 13.159              | 9.110                | 22.269                 | -7.731      | 30.000         | QUASPEAK      |
| 4 | 168.000         | 11.934              | 7.910                | 19.844                 | -10.156     | 30.000         | QUASPEAK      |
| 5 | 200.000         | 11.881              | 10.870               | 22.751                 | -7.249      | 30.000         | QUASPEAK      |
| 6 | 250.000         | 17.252              | 7.350                | 24.602                 | -12.398     | 37.000         | QUASPEAK      |
| 7 | 323.800         | 19.112              | 8.470                | 27.581                 | -9.419      | 37.000         | QUASPEAK      |
| 8 | 550.000         | 24.107              | 2.070                | 26.177                 | -10.823     | 37.000         | QUASPEAK      |
| 9 | 600.000         | 25.972              | 3.850                | 29.823                 | -7.177      | 37.000         | QUASPEAK      |

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 : 2015/12/09 - 10:59         |
| Limit : FCC_B_(Above_1G)_3M_PK                | Margin : 0                        |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL | Power : AC 120V/60Hz              |
| EUT : Printer                                 | Note : Mode 1: PC Printing (110W) |

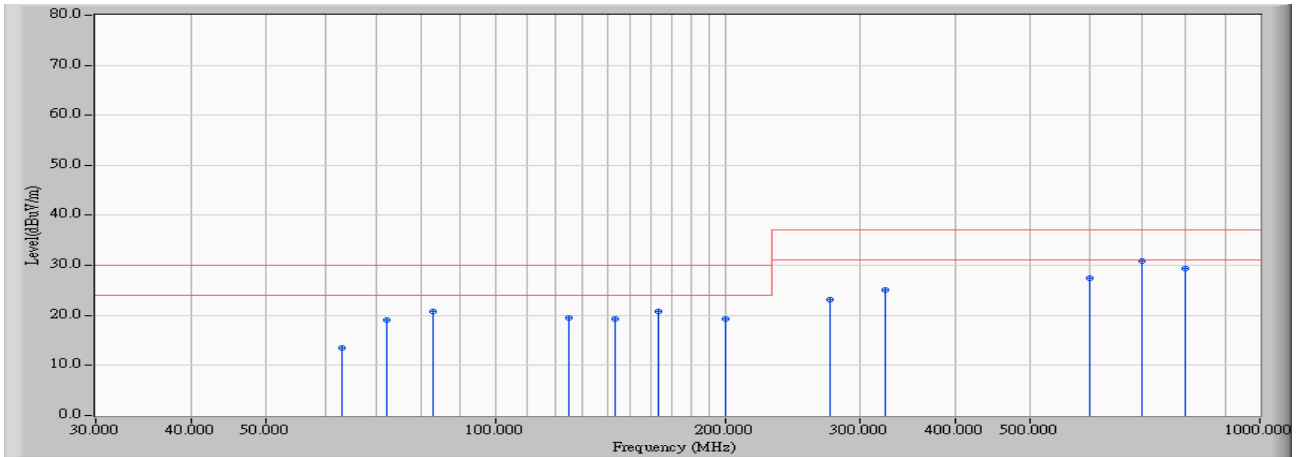


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 1048.000        | -17.937             | 53.430               | 35.493                 | -38.507     | 74.000         | PEAK          |
| 2 | 1145.000        | -17.746             | 53.600               | 35.854                 | -38.146     | 74.000         | PEAK          |
| 3 | 1252.000        | -17.498             | 58.460               | 40.962                 | -33.038     | 74.000         | PEAK          |
| 4 | * 1396.000      | -17.141             | 59.160               | 42.019                 | -31.981     | 74.000         | PEAK          |
| 5 | 1805.000        | -16.516             | 52.360               | 35.844                 | -38.156     | 74.000         | PEAK          |
| 6 | 1915.000        | -16.406             | 52.750               | 36.344                 | -37.656     | 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 : 2016/04/15 - 10:54</b>         |
| <b>Limit : CISPR_B_10M_QP</b>              | <b>Margin : 6</b>                        |
| <b>Probe : Site3_10M-3_0426 - VERTICAL</b> | <b>Power : AC 120V/60Hz</b>              |
| <b>EUT : Printer</b>                       | <b>Note : Mode 1: PC Printing (110W)</b> |

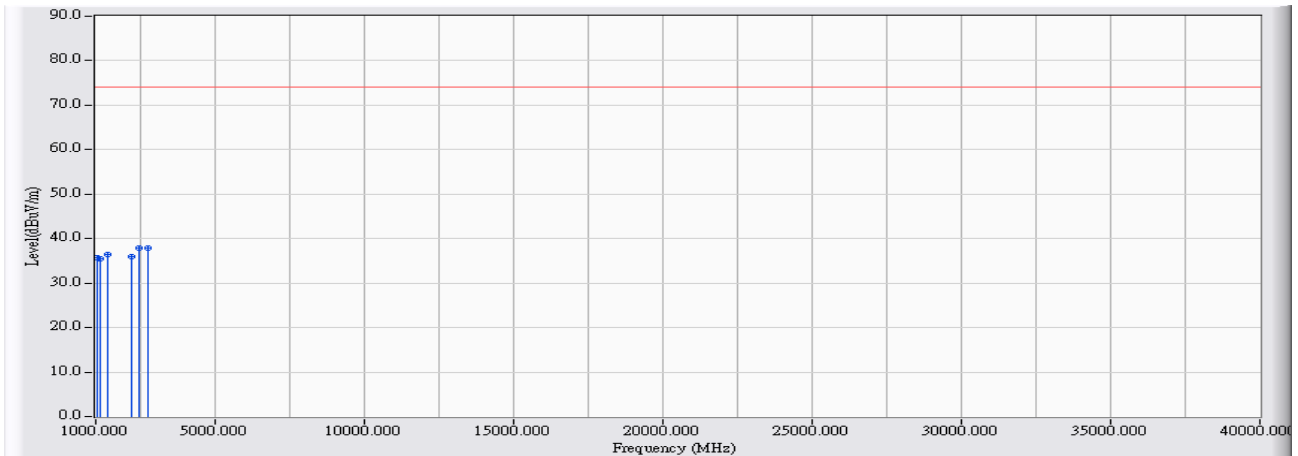


|    |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|----|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1  |   | 63.000                     | 6.890                          | 6.670                           | 13.560                            | -16.440                | 30.000                    | QUASIPeAK            |
| 2  |   | 72.000                     | 8.572                          | 10.600                          | 19.172                            | -10.828                | 30.000                    | QUASIPeAK            |
| 3  |   | 83.010                     | 12.728                         | 8.040                           | 20.768                            | -9.232                 | 30.000                    | QUASIPeAK            |
| 4  |   | 124.525                    | 13.474                         | 6.070                           | 19.544                            | -10.456                | 30.000                    | QUASIPeAK            |
| 5  |   | 143.575                    | 14.635                         | 4.630                           | 19.265                            | -10.735                | 30.000                    | QUASIPeAK            |
| 6  |   | 163.550                    | 14.757                         | 6.140                           | 20.898                            | -9.102                 | 30.000                    | QUASIPeAK            |
| 7  |   | 200.000                    | 11.402                         | 7.810                           | 19.212                            | -10.788                | 30.000                    | QUASIPeAK            |
| 8  |   | 274.000                    | 17.468                         | 5.720                           | 23.188                            | -13.812                | 37.000                    | QUASIPeAK            |
| 9  |   | 323.825                    | 17.511                         | 7.690                           | 25.200                            | -11.800                | 37.000                    | QUASIPeAK            |
| 10 |   | 600.000                    | 24.976                         | 2.410                           | 27.386                            | -9.614                 | 37.000                    | QUASIPeAK            |
| 11 | * | 700.000                    | 29.331                         | 1.530                           | 30.861                            | -6.139                 | 37.000                    | QUASIPeAK            |
| 12 |   | 800.000                    | 26.600                         | 2.850                           | 29.450                            | -7.550                 | 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 : 2015/12/09 - 11:02         |
| Limit : FCC_B_(Above_1G)_3M_PK              | Margin : 0                        |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL | Power : AC 120V/60Hz              |
| EUT : Printer                               | Note : Mode 1: PC Printing (110W) |

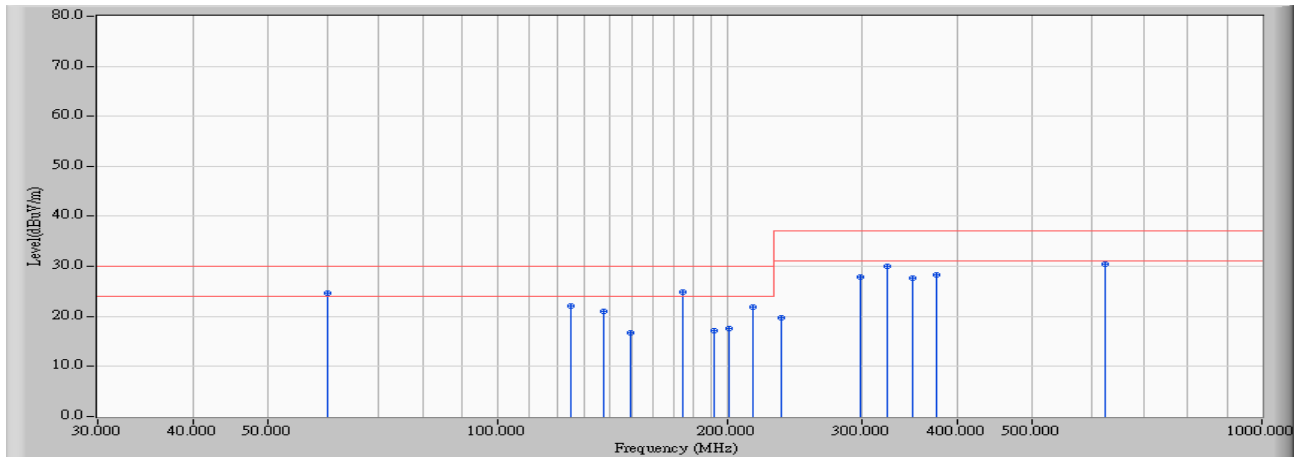


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 1052.000        | -17.929             | 53.760               | 35.830                 | -38.170     | 74.000         | PEAK          |
| 2 | 1152.000        | -17.730             | 53.280               | 35.549                 | -38.451     | 74.000         | PEAK          |
| 3 | 1400.000        | -17.131             | 53.640               | 36.509                 | -37.491     | 74.000         | PEAK          |
| 4 | 2200.000        | -15.717             | 51.640               | 35.923                 | -38.077     | 74.000         | PEAK          |
| 5 | 2430.000        | -15.085             | 53.000               | 37.915                 | -36.085     | 74.000         | PEAK          |
| 6 | * 2737.000      | -14.180             | 52.180               | 38.000                 | -36.000     | 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 : 2016/04/15 - 11:06</b>          |
| <b>Limit : CISPR_B_10M_QP</b>                | <b>Margin : 6</b>                         |
| <b>Probe : Site3_10M-3_0426 - HORIZONTAL</b> | <b>Power : AC 120V/60Hz</b>               |
| <b>EUT : Printer</b>                         | <b>Note : Mode 2: LAN Printing (110W)</b> |

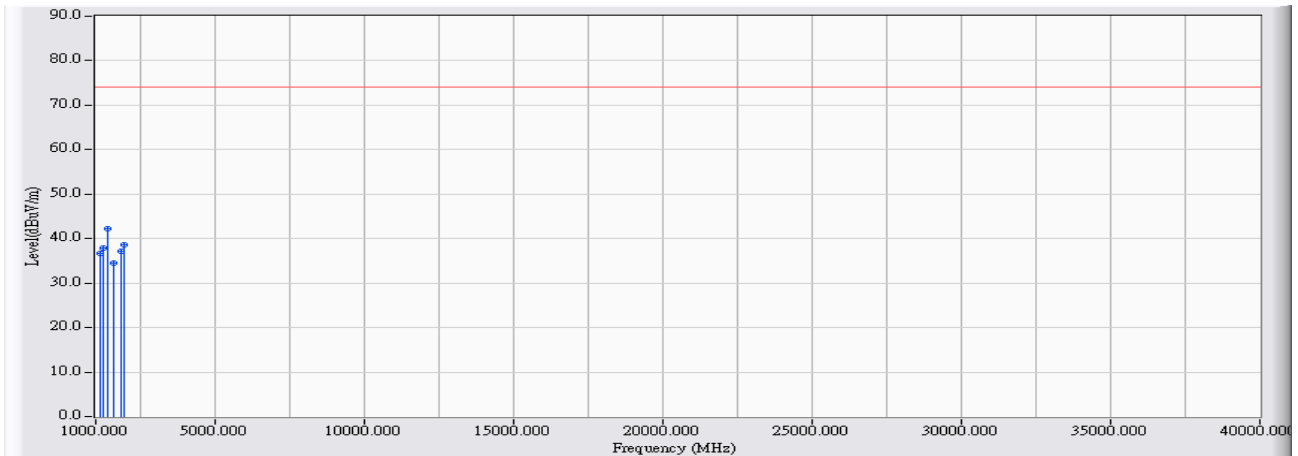


|    |   | <b>Frequency (MHz)</b> | <b>Correct Factor (dB)</b> | <b>Reading Level (dBuV)</b> | <b>Measure Level (dBuV/m)</b> | <b>Margin (dB)</b> | <b>Limit (dBuV/m)</b> | <b>Detector Type</b> |
|----|---|------------------------|----------------------------|-----------------------------|-------------------------------|--------------------|-----------------------|----------------------|
| 1  |   | 60.000                 | 9.724                      | 15.000                      | 24.724                        | -5.276             | 30.000                |                      |
| 2  |   | 124.525                | 13.347                     | 8.640                       | 21.987                        | -8.013             | 30.000                | QUASPEAK             |
| 3  |   | 137.450                | 12.667                     | 8.370                       | 21.037                        | -8.963             | 30.000                | QUASPEAK             |
| 4  |   | 149.425                | 13.916                     | 2.890                       | 16.806                        | -13.194            | 30.000                | QUASPEAK             |
| 5  | * | 175.000                | 12.595                     | 12.180                      | 24.775                        | -5.225             | 30.000                | QUASPEAK             |
| 6  |   | 192.000                | 13.404                     | 3.710                       | 17.114                        | -12.886            | 30.000                | QUASPEAK             |
| 7  |   | 200.675                | 11.894                     | 5.660                       | 17.554                        | -12.446            | 30.000                | QUASPEAK             |
| 8  |   | 216.000                | 14.380                     | 7.570                       | 21.950                        | -8.050             | 30.000                | QUASPEAK             |
| 9  |   | 235.000                | 14.723                     | 5.060                       | 19.783                        | -17.217            | 37.000                | QUASPEAK             |
| 10 |   | 298.900                | 18.549                     | 9.280                       | 27.829                        | -9.171             | 37.000                | QUASPEAK             |
| 11 |   | 323.775                | 19.116                     | 10.930                      | 30.045                        | -6.955             | 37.000                | QUASPEAK             |
| 12 |   | 348.700                | 18.337                     | 9.330                       | 27.667                        | -9.333             | 37.000                | QUASPEAK             |
| 13 |   | 375.000                | 18.950                     | 9.380                       | 28.329                        | -8.671             | 37.000                | QUASPEAK             |
| 14 |   | 625.000                | 25.195                     | 5.300                       | 30.495                        | -6.505             | 37.000                | QUASPEAK             |

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 : 2015/12/09 - 10:56          |
| Limit : FCC_B_(Above_1G)_3M_PK                | Margin : 0                         |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL | Power : AC 120V/60Hz               |
| EUT : Printer                                 | Note : Mode 2: LAN Printing (110W) |

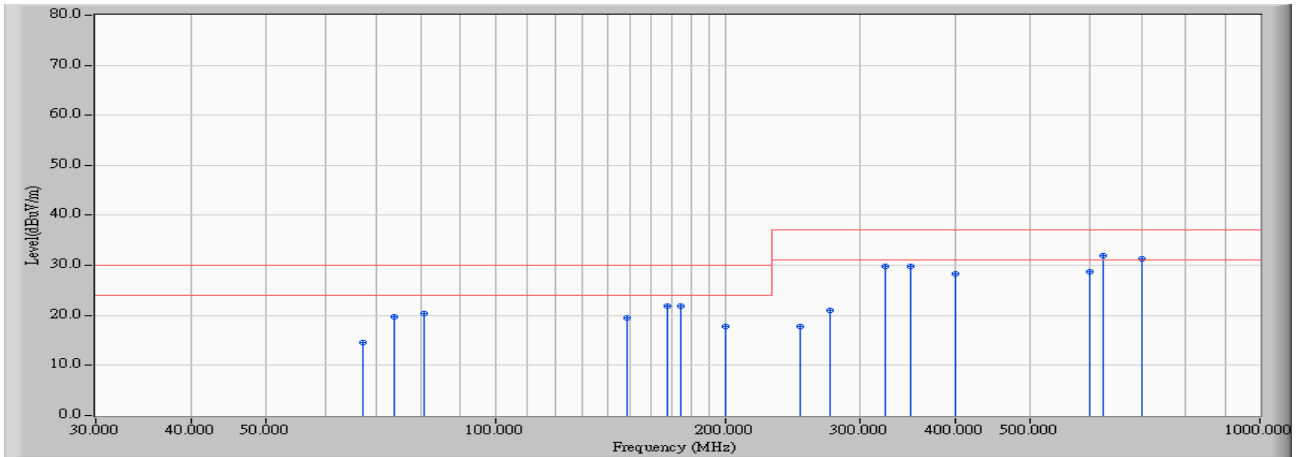


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 1153.000        | -17.730             | 54.350               | 36.621                 | -37.379     | 74.000         | PEAK          |
| 2 | 1244.000        | -17.518             | 55.400               | 37.882                 | -36.118     | 74.000         | PEAK          |
| 3 | * 1395.000      | -17.143             | 59.350               | 42.206                 | -31.794     | 74.000         | PEAK          |
| 4 | 1600.000        | -16.756             | 51.330               | 34.574                 | -39.426     | 74.000         | PEAK          |
| 5 | 1858.000        | -16.464             | 53.550               | 37.086                 | -36.914     | 74.000         | PEAK          |
| 6 | 1938.000        | -16.378             | 54.990               | 38.611                 | -35.389     | 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 : 2016/04/15 - 11:06</b>          |
| <b>Limit : CISPR_B_10M_QP</b>              | <b>Margin : 6</b>                         |
| <b>Probe : Site3_10M-3_0426 - VERTICAL</b> | <b>Power : AC 120V/60Hz</b>               |
| <b>EUT : Printer</b>                       | <b>Note : Mode 2: LAN Printing (110W)</b> |

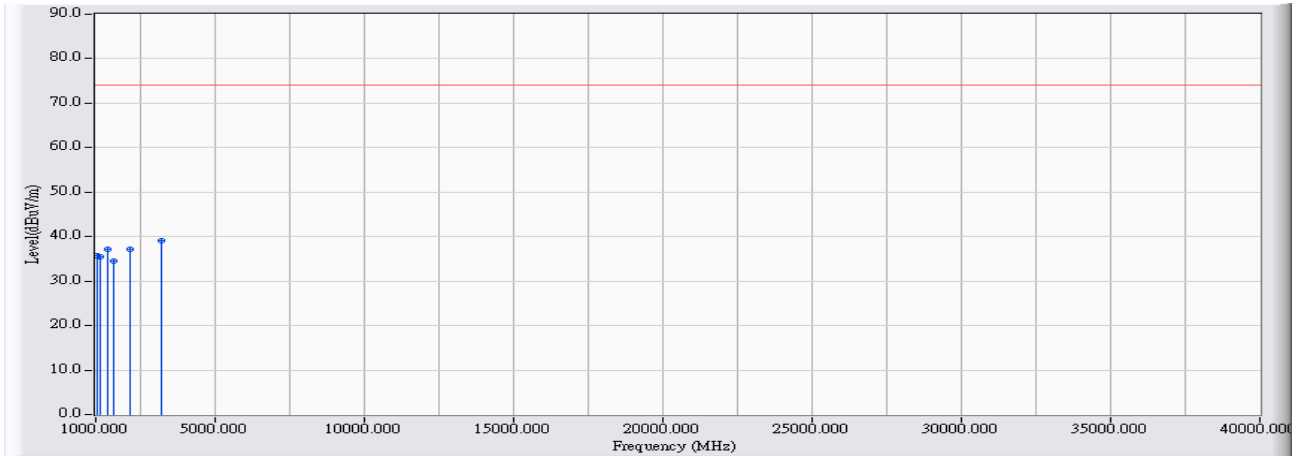


|    |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|----|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1  |   | 67.000                     | 8.096                          | 6.550                           | 14.646                            | -15.354                | 30.000                    | QUASPEAK             |
| 2  |   | 73.800                     | 8.844                          | 10.790                          | 19.634                            | -10.366                | 30.000                    | QUASPEAK             |
| 3  |   | 80.600                     | 11.171                         | 9.310                           | 20.481                            | -9.519                 | 30.000                    | QUASPEAK             |
| 4  |   | 148.450                    | 14.391                         | 5.020                           | 19.411                            | -10.589                | 30.000                    | QUASPEAK             |
| 5  |   | 168.000                    | 13.798                         | 8.180                           | 21.978                            | -8.022                 | 30.000                    | QUASPEAK             |
| 6  |   | 175.000                    | 13.715                         | 8.130                           | 21.845                            | -8.155                 | 30.000                    | QUASPEAK             |
| 7  |   | 200.000                    | 11.402                         | 6.470                           | 17.872                            | -12.128                | 30.000                    | QUASPEAK             |
| 8  |   | 250.000                    | 14.990                         | 2.820                           | 17.811                            | -19.189                | 37.000                    | QUASPEAK             |
| 9  |   | 273.975                    | 17.465                         | 3.610                           | 21.075                            | -15.925                | 37.000                    | QUASPEAK             |
| 10 |   | 323.750                    | 17.505                         | 12.290                          | 29.795                            | -7.205                 | 37.000                    | QUASPEAK             |
| 11 |   | 348.750                    | 21.041                         | 8.820                           | 29.861                            | -7.139                 | 37.000                    | QUASPEAK             |
| 12 |   | 400.000                    | 22.498                         | 5.910                           | 28.408                            | -8.592                 | 37.000                    | QUASPEAK             |
| 13 |   | 600.000                    | 24.976                         | 3.850                           | 28.826                            | -8.174                 | 37.000                    | QUASPEAK             |
| 14 | * | 625.000                    | 24.797                         | 7.100                           | 31.897                            | -5.103                 | 37.000                    | QUASPEAK             |
| 15 |   | 700.000                    | 29.331                         | 1.900                           | 31.231                            | -5.769                 | 37.000                    | QUASPEAK             |

**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 : 2015/12/09 - 10:55</b>          |
| <b>Limit : FCC_B_(Above_1G)_3M_PK</b>              | <b>Margin : 0</b>                         |
| <b>Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL</b> | <b>Power : AC 120V/60Hz</b>               |
| <b>EUT : Printer</b>                               | <b>Note : Mode 2: LAN Printing (110W)</b> |

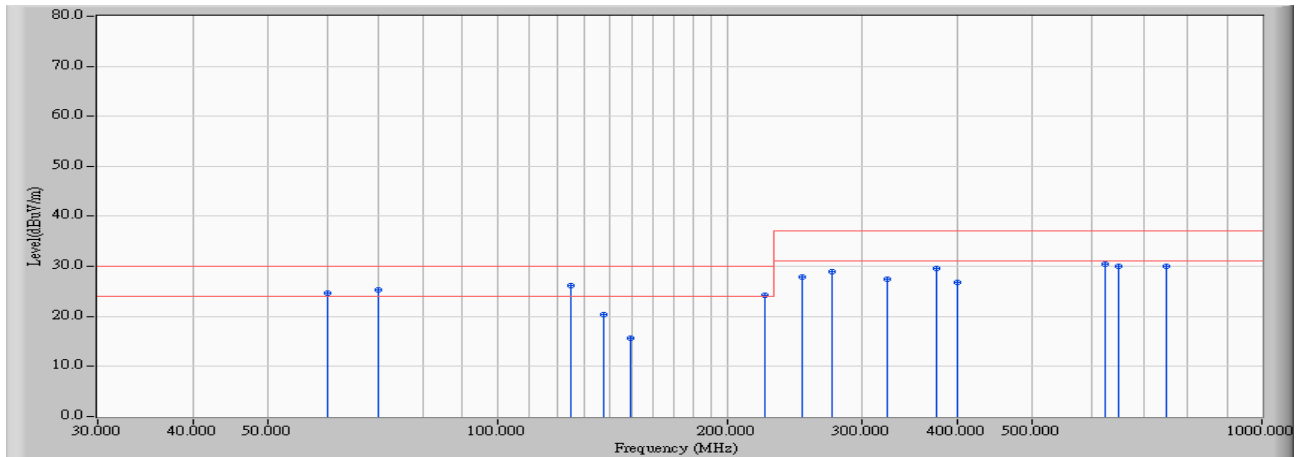


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 |   | 1045.000                   | -17.942                        | 53.740                          | 35.798                            | -38.202                | 74.000                    | PEAK                 |
| 2 |   | 1151.000                   | -17.733                        | 53.250                          | 35.517                            | -38.483                | 74.000                    | PEAK                 |
| 3 |   | 1395.000                   | -17.143                        | 54.350                          | 37.206                            | -36.794                | 74.000                    | PEAK                 |
| 4 |   | 1600.000                   | -16.756                        | 51.350                          | 34.594                            | -39.406                | 74.000                    | PEAK                 |
| 5 |   | 2168.000                   | -15.811                        | 53.000                          | 37.188                            | -36.812                | 74.000                    | PEAK                 |
| 6 | * | 3211.000                   | -13.143                        | 52.140                          | 38.997                            | -35.003                | 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 : 2016/04/15 - 10:29</b>                |
| <b>Limit : CISPR_B_10M_QP</b>                | <b>Margin : 6</b>                               |
| <b>Probe : Site3_10M-3_0426 - HORIZONTAL</b> | <b>Power : AC 120V/60Hz</b>                     |
| <b>EUT : Printer</b>                         | <b>Note : Mode 3: Documents Printing (110W)</b> |



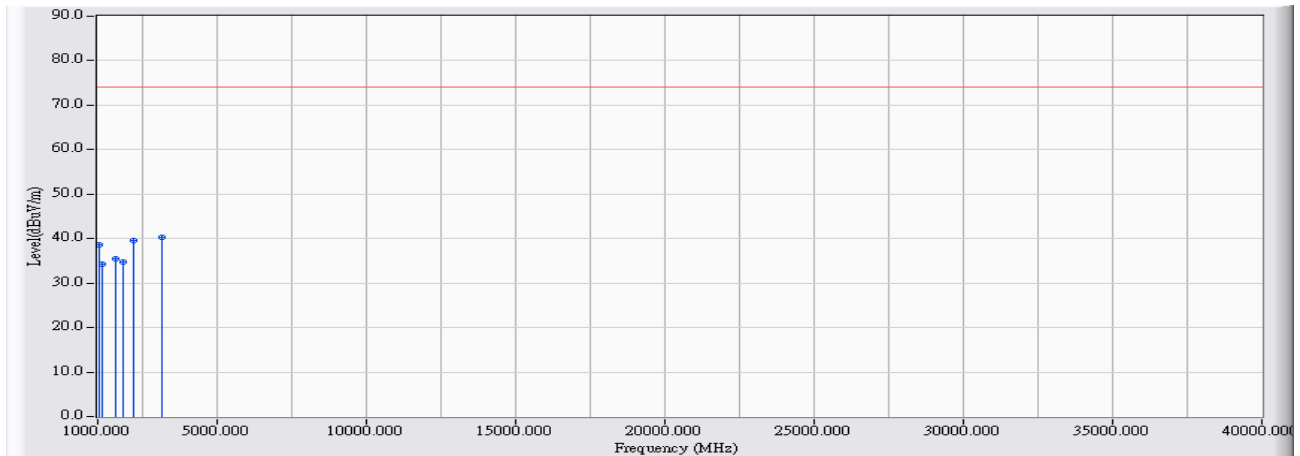
|    |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|----|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1  |   | 60.000                     | 9.724                          | 15.000                          | 24.724                            | -5.276                 | 30.000                    | QUASPEAK             |
| 2  |   | 70.000                     | 8.312                          | 17.000                          | 25.312                            | -4.688                 | 30.000                    | QUASPEAK             |
| 3  | * | 125.000                    | 13.159                         | 12.900                          | 26.059                            | -3.941                 | 30.000                    | QUASPEAK             |
| 4  |   | 137.700                    | 12.720                         | 7.710                           | 20.430                            | -9.570                 | 30.000                    | QUASPEAK             |
| 5  |   | 149.475                    | 13.917                         | 1.830                           | 15.747                            | -14.253                | 30.000                    | QUASPEAK             |
| 6  |   | 224.150                    | 15.318                         | 8.890                           | 24.208                            | -5.792                 | 30.000                    | QUASPEAK             |
| 7  |   | 250.000                    | 17.252                         | 10.600                          | 27.852                            | -9.148                 | 37.000                    | QUASPEAK             |
| 8  |   | 274.000                    | 17.094                         | 11.900                          | 28.994                            | -8.006                 | 37.000                    | QUASPEAK             |
| 9  |   | 323.800                    | 19.112                         | 8.360                           | 27.471                            | -9.529                 | 37.000                    | QUASPEAK             |
| 10 |   | 375.000                    | 18.950                         | 10.600                          | 29.549                            | -7.451                 | 37.000                    | QUASPEAK             |
| 11 |   | 400.000                    | 21.726                         | 5.030                           | 26.756                            | -10.244                | 37.000                    | QUASPEAK             |
| 12 |   | 625.000                    | 25.195                         | 5.200                           | 30.395                            | -6.605                 | 37.000                    | QUASPEAK             |
| 13 |   | 650.000                    | 25.500                         | 4.570                           | 30.070                            | -6.930                 | 37.000                    | QUASPEAK             |
| 14 |   | 750.000                    | 28.575                         | 1.400                           | 29.975                            | -7.025                 | 37.000                    | QUASPEAK             |

**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 : 2015/12/09 - 10:54                |
| Limit : FCC_B_(Above_1G)_3M_PK                | Margin : 0                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL | Power : AC 120V/60Hz                     |
| EUT : Printer                                 | Note : Mode 3: Documents Printing (110W) |

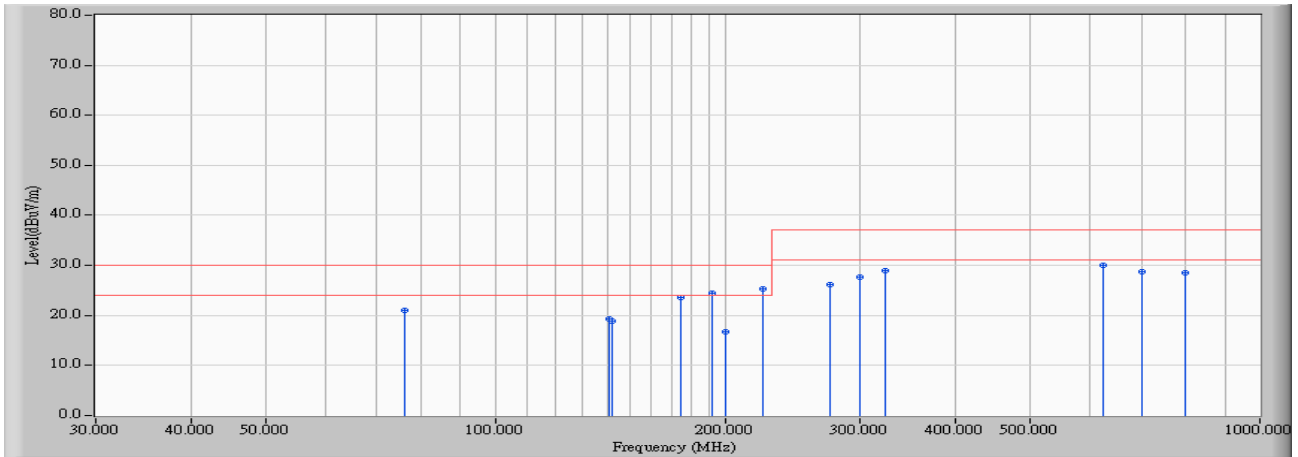


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 1046.000           | -17.940                | 56.580                  | 38.640                    | -35.360        | 74.000            | PEAK          |
| 2 |   | 1152.000           | -17.730                | 52.000                  | 34.269                    | -39.731        | 74.000            | PEAK          |
| 3 |   | 1595.000           | -16.762                | 52.330                  | 35.568                    | -38.432        | 74.000            | PEAK          |
| 4 |   | 1863.000           | -16.460                | 51.190                  | 34.731                    | -39.269        | 74.000            | PEAK          |
| 5 |   | 2225.000           | -15.649                | 55.150                  | 39.501                    | -34.499        | 74.000            | PEAK          |
| 6 | * | 3152.000           | -13.210                | 53.500                  | 40.290                    | -33.710        | 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 : 2016/04/15 - 10:28</b>                |
| <b>Limit : CISPR_B_10M_QP</b>              | <b>Margin : 6</b>                               |
| <b>Probe : Site3_10M-3_0426 - VERTICAL</b> | <b>Power : AC 120V/60Hz</b>                     |
| <b>EUT : Printer</b>                       | <b>Note : Mode 3: Documents Printing (110W)</b> |

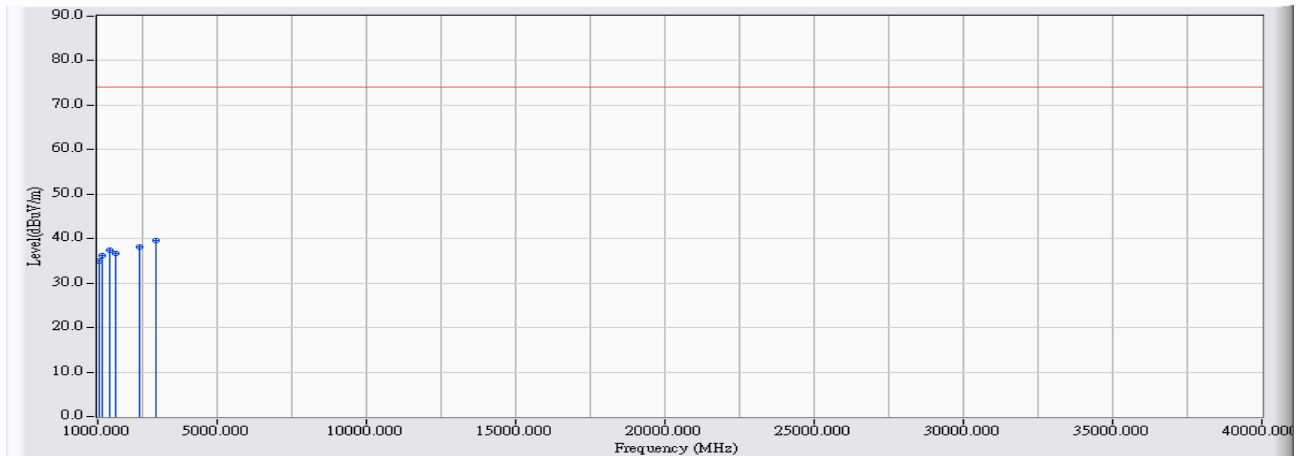


|    |   | <b>Frequency (MHz)</b> | <b>Correct Factor (dB)</b> | <b>Reading Level (dBuV)</b> | <b>Measure Level (dBuV/m)</b> | <b>Margin (dB)</b> | <b>Limit (dBuV/m)</b> | <b>Detector Type</b> |
|----|---|------------------------|----------------------------|-----------------------------|-------------------------------|--------------------|-----------------------|----------------------|
| 1  |   | 76.000                 | 9.380                      | 11.730                      | 21.110                        | -8.890             | 30.000                | QUASIPeAK            |
| 2  |   | 141.000                | 14.869                     | 4.430                       | 19.299                        | -10.701            | 30.000                | QUASIPeAK            |
| 3  |   | 142.000                | 14.778                     | 4.150                       | 18.928                        | -11.072            | 30.000                | QUASIPeAK            |
| 4  |   | 175.000                | 13.715                     | 9.780                       | 23.495                        | -6.505             | 30.000                | QUASIPeAK            |
| 5  |   | 192.000                | 12.138                     | 12.220                      | 24.358                        | -5.642             | 30.000                | QUASIPeAK            |
| 6  |   | 200.000                | 11.402                     | 5.380                       | 16.782                        | -13.218            | 30.000                | QUASIPeAK            |
| 7  | * | 224.175                | 16.241                     | 9.090                       | 25.331                        | -4.669             | 30.000                | QUASIPeAK            |
| 8  |   | 274.000                | 17.468                     | 8.720                       | 26.188                        | -10.812            | 37.000                | QUASIPeAK            |
| 9  |   | 300.000                | 16.532                     | 11.160                      | 27.692                        | -9.308             | 37.000                | QUASIPeAK            |
| 10 |   | 323.750                | 17.505                     | 11.440                      | 28.945                        | -8.055             | 37.000                | QUASIPeAK            |
| 11 |   | 625.000                | 24.797                     | 5.200                       | 29.997                        | -7.003             | 37.000                | QUASIPeAK            |
| 12 |   | 700.000                | 29.331                     | -0.550                      | 28.781                        | -8.219             | 37.000                | QUASIPeAK            |
| 13 |   | 800.000                | 26.600                     | 1.970                       | 28.570                        | -8.430             | 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 : 2015/12/09 - 10:55                |
| Limit : FCC_B_(Above_1G)_3M_PK              | Margin : 0                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL | Power : AC 120V/60Hz                     |
| EUT : Printer                               | Note : Mode 3: Documents Printing (110W) |

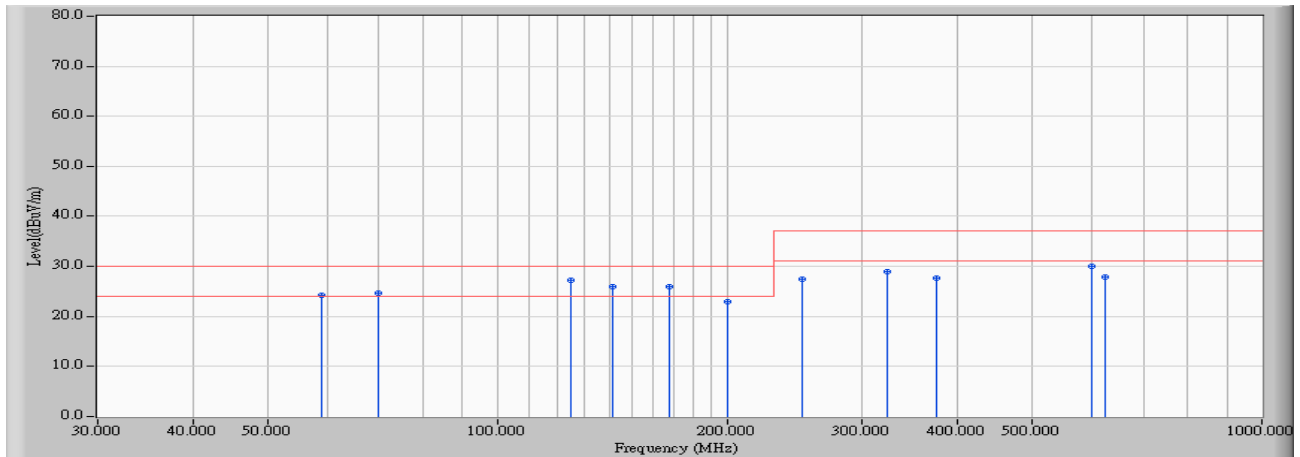


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 1048.000        | -17.937             | 52.890               | 34.953                 | -39.047     | 74.000         | PEAK          |
| 2 | 1156.000        | -17.722             | 53.880               | 36.158                 | -37.842     | 74.000         | PEAK          |
| 3 | 1400.000        | -17.131             | 54.520               | 37.389                 | -36.611     | 74.000         | PEAK          |
| 4 | 1595.000        | -16.762             | 53.470               | 36.708                 | -37.292     | 74.000         | PEAK          |
| 5 | 2422.000        | -15.107             | 53.210               | 38.103                 | -35.897     | 74.000         | PEAK          |
| 6 | * 2968.000      | -13.482             | 52.940               | 39.459                 | -34.541     | 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.

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| Site : SITE3                          | Time : 2016/04/25 - 09:20           |
| Limit : CISPR_B_10M_QP                | Margin : 6                          |
| Probe : Site3_10M-3_0426 - HORIZONTAL | Power : AC 120V/60Hz                |
| EUT : Printer                         | Note : Mode 4: WiFi Printing (110W) |

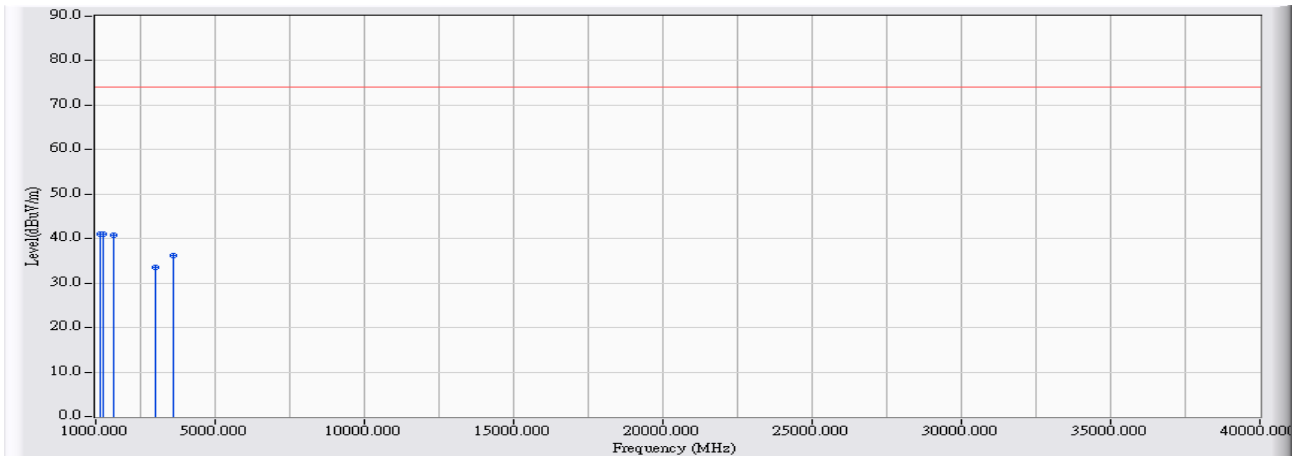


|    | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|----|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1  | 59.000          | 10.012              | 14.130               | 24.142                 | -5.858      | 30.000         | QUASPEAK      |
| 2  | 70.000          | 8.312               | 16.440               | 24.752                 | -5.248      | 30.000         | QUASPEAK      |
| 3  | * 125.000       | 13.159              | 13.695               | 26.854                 | -3.146      | 30.000         | QUASPEAK      |
| 4  | 141.275         | 13.279              | 12.740               | 26.019                 | -3.981      | 30.000         | QUASPEAK      |
| 5  | 168.000         | 11.934              | 14.010               | 25.944                 | -4.056      | 30.000         | QUASPEAK      |
| 6  | 200.000         | 11.881              | 11.170               | 23.051                 | -6.949      | 30.000         | QUASPEAK      |
| 7  | 250.000         | 17.252              | 10.250               | 27.502                 | -9.498      | 37.000         | QUASPEAK      |
| 8  | 323.800         | 19.112              | 9.870                | 28.981                 | -8.019      | 37.000         | QUASPEAK      |
| 9  | 375.000         | 18.950              | 8.800                | 27.749                 | -9.251      | 37.000         | QUASPEAK      |
| 10 | 600.000         | 25.972              | 4.050                | 30.023                 | -6.977      | 37.000         | QUASPEAK      |
| 11 | 625.000         | 25.195              | 2.700                | 27.895                 | -9.105      | 37.000         | QUASPEAK      |

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 : 2016/04/11 - 09:52</b>           |
| <b>Limit : FCC_B (Above_1G)_3M_PK</b>                | <b>Margin : 0</b>                          |
| <b>Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL</b> | <b>Power : AC 120V/60Hz</b>                |
| <b>EUT : Printer</b>                                 | <b>Note : Mode 4: WiFi Printing (110W)</b> |

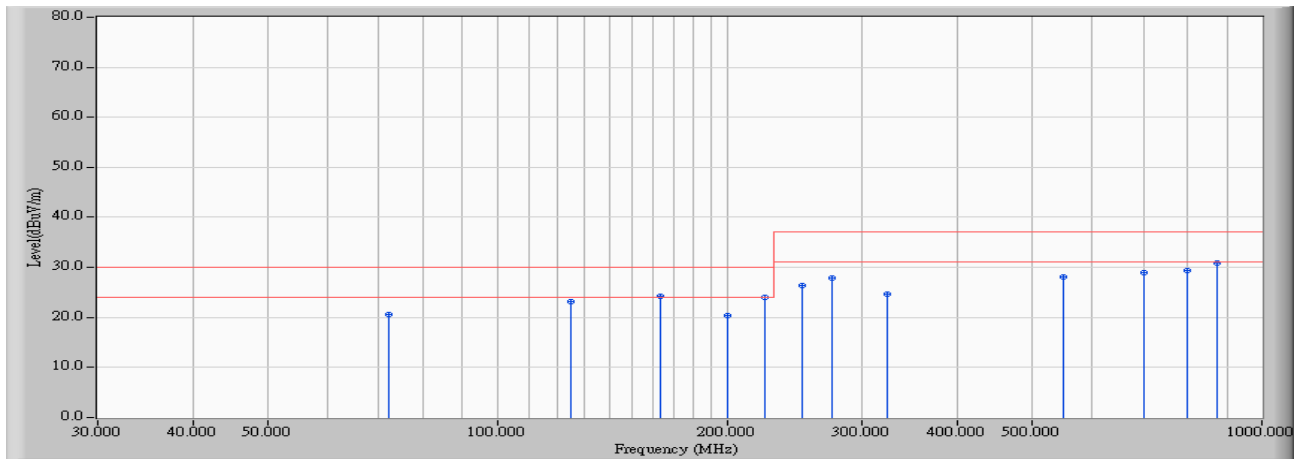


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 | * | 1145.000                   | -17.746                        | 58.800                          | 41.054                            | -32.946                | 74.000                    | PEAK                 |
| 2 |   | 1252.000                   | -17.498                        | 58.460                          | 40.962                            | -33.038                | 74.000                    | PEAK                 |
| 3 |   | 1600.000                   | -16.756                        | 57.580                          | 40.824                            | -33.176                | 74.000                    | PEAK                 |
| 4 |   | 3000.000                   | -13.391                        | 47.030                          | 33.639                            | -40.361                | 74.000                    | PEAK                 |
| 5 |   | 3600.000                   | -12.536                        | 48.610                          | 36.073                            | -37.927                | 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 : 2016/04/15 - 13:02</b>           |
| <b>Limit : CISPR_B_10M_QP</b>              | <b>Margin : 6</b>                          |
| <b>Probe : Site3_10M-3_0426 - VERTICAL</b> | <b>Power : AC 120V/60Hz</b>                |
| <b>EUT : Printer</b>                       | <b>Note : Mode 4: WiFi Printing (110W)</b> |

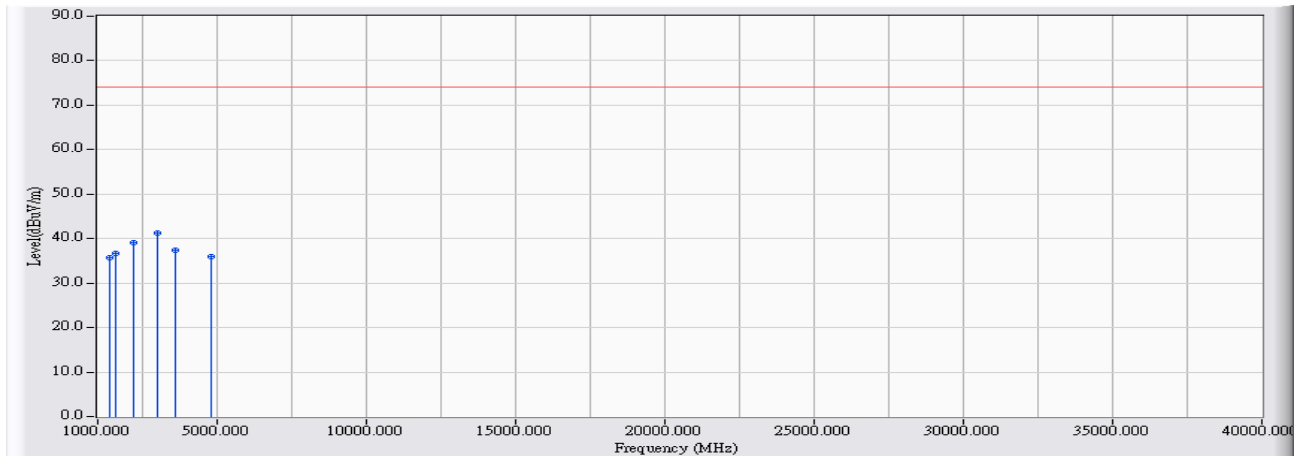


|    |   | <b>Frequency (MHz)</b> | <b>Correct Factor (dB)</b> | <b>Reading Level (dBuV)</b> | <b>Measure Level (dBuV/m)</b> | <b>Margin (dB)</b> | <b>Limit (dBuV/m)</b> | <b>Detector Type</b> |
|----|---|------------------------|----------------------------|-----------------------------|-------------------------------|--------------------|-----------------------|----------------------|
| 1  |   | 72.000                 | 8.572                      | 12.100                      | 20.672                        | -9.328             | 30.000                | QUASPEAK             |
| 2  |   | 125.000                | 13.314                     | 9.900                       | 23.214                        | -6.786             | 30.000                | QUASPEAK             |
| 3  | * | 163.550                | 14.757                     | 9.540                       | 24.298                        | -5.702             | 30.000                | QUASPEAK             |
| 4  |   | 200.000                | 11.402                     | 8.950                       | 20.352                        | -9.648             | 30.000                | QUASPEAK             |
| 5  |   | 224.175                | 16.241                     | 7.780                       | 24.021                        | -5.979             | 30.000                | QUASPEAK             |
| 6  |   | 250.000                | 14.990                     | 11.410                      | 26.401                        | -10.599            | 37.000                | QUASPEAK             |
| 7  |   | 274.000                | 17.468                     | 10.320                      | 27.788                        | -9.212             | 37.000                | QUASPEAK             |
| 8  |   | 323.825                | 17.511                     | 7.190                       | 24.700                        | -12.300            | 37.000                | QUASPEAK             |
| 9  |   | 550.000                | 27.632                     | 0.430                       | 28.062                        | -8.938             | 37.000                | QUASPEAK             |
| 10 |   | 700.000                | 29.331                     | -0.270                      | 29.061                        | -7.939             | 37.000                | QUASPEAK             |
| 11 |   | 800.000                | 26.600                     | 2.850                       | 29.450                        | -7.550             | 37.000                | QUASPEAK             |
| 12 |   | 875.000                | 29.250                     | 1.600                       | 30.850                        | -6.150             | 37.000                | QUASPEAK             |

**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 : 2016/04/11 - 09:52           |
| Limit : FCC_B_(Above_1G)_3M_PK              | Margin : 0                          |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL | Power : AC 120V/60Hz                |
| EUT : Printer                               | Note : Mode 4: WiFi Printing (110W) |



|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 1400.000        | -17.131             | 52.740               | 35.609                 | -38.391     | 74.000         | PEAK          |
| 2 | 1600.000        | -16.756             | 53.500               | 36.744                 | -37.256     | 74.000         | PEAK          |
| 3 | 2200.000        | -15.717             | 54.840               | 39.123                 | -34.877     | 74.000         | PEAK          |
| 4 | * 3000.000      | -13.391             | 54.740               | 41.349                 | -32.651     | 74.000         | PEAK          |
| 5 | 3600.000        | -12.536             | 49.970               | 37.433                 | -36.567     | 74.000         | PEAK          |
| 6 | 4800.000        | -9.526              | 45.410               | 35.884                 | -38.116     | 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.

#### 4.6. Test Photograph

Test Mode : Mode 1: PC Printing (110W)

Description : Front View of Radiated Emission Test Setup



Test Mode : Mode 1: PC Printing (110W)

Description : Back View of Radiated Emission Test Setup





Test Mode : Mode 1: PC Printing (110W)

Description : Front View of Radiated Emission Test Setup (Horn)



Test Mode : Mode 1: PC Printing (110W)

Description : Back View of Radiated Emission Test Setup (Horn)



Test Mode : Mode 2: LAN Printing (110W)

Description : Front View of Radiated Emission Test Setup



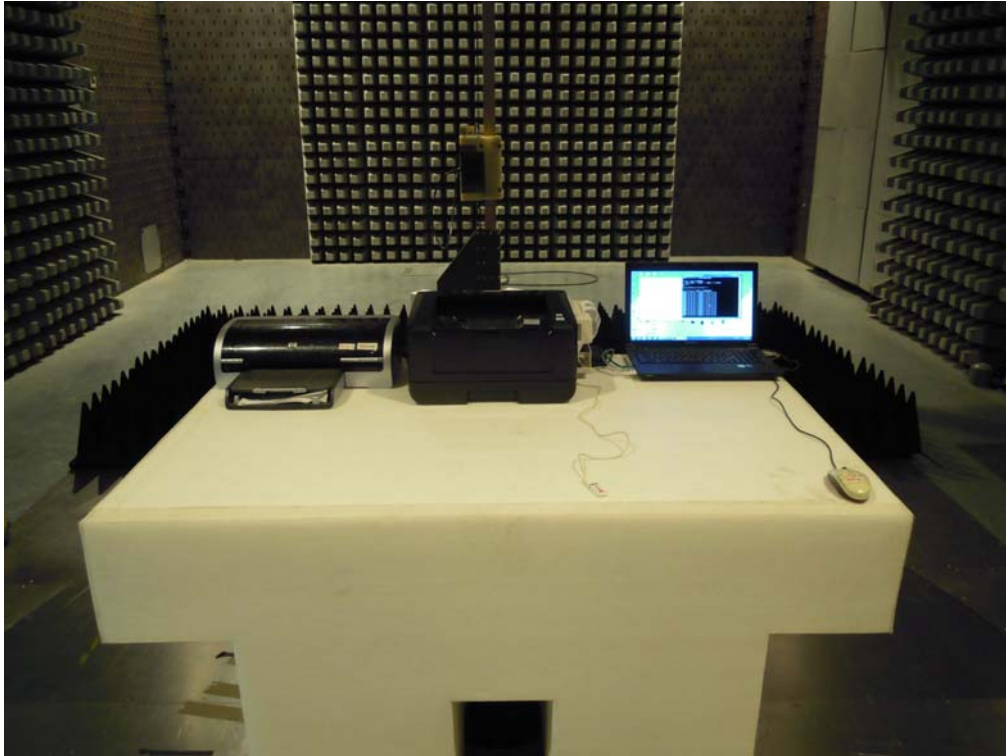
Test Mode : Mode 2: LAN Printing (110W)

Description : Back View of Radiated Emission Test Setup



Test Mode : Mode 2: LAN Printing (110W)

Description : Front View of Radiated Emission Test Setup (Horn)



Test Mode : Mode 2: LAN Printing (110W)

Description : Back View of Radiated Emission Test Setup (Horn)



Test Mode : Mode 3: Document Printing (110W)

Description : Front View of Radiated Emission Test Setup



Test Mode : Mode 3: Document Printing (110W)

Description : Back View of Radiated Emission Test Setup



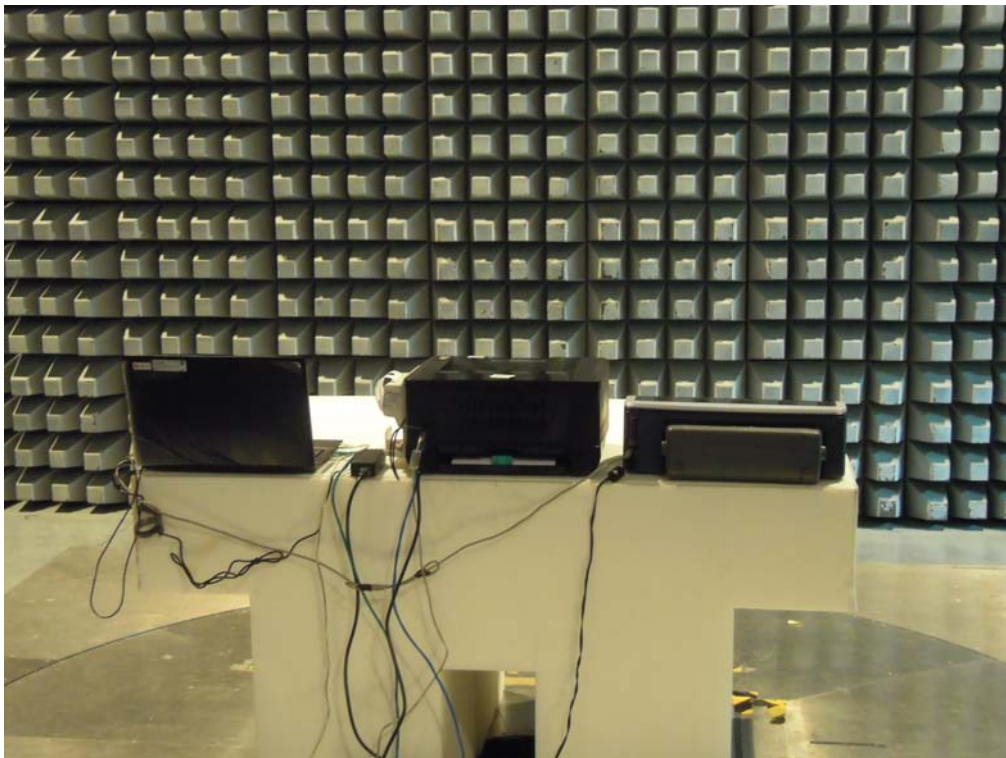
Test Mode : Mode 3: Document Printing (110W)

Description : Front View of Radiated Emission Test Setup (Horn)



Test Mode : Mode 3: Document Printing (110W)

Description : Back View of Radiated Emission Test Setup (Horn)



Test Mode : Mode 4: WiFi Printing (110W)

Description : Front View of Radiated Emission Test Setup



Test Mode : Mode 4: WiFi Printing (110W)

Description : Back View of Radiated Emission Test Setup



Test Mode : Mode 4: WiFi Printing (110W)

Description : Front View of Radiated Emission Test Setup (Horn)



Test Mode : Mode 4: WiFi Printing (110W)

Description : Back View of Radiated Emission Test Setup (Horn)



**5. Attachment**  
➤ **EUT Photograph**  
(1) EUT Photo



(2) EUT Photo

