# FCC Test Report

| | | |
|---|---|---|
| **Applicant** | : | **Homerunpet Inc** |
| **Address** | : | **Homerunpet Inc. 18th St. Cheyenne, WY 82001** |
| **Product Name** | : | **Wireless Pet Water Fountain** |
| **Report Date** | : | **May 07, 2024** |

**Shenzhen Anbotek Compliance Laboratory Limited**

# Contents

# TEST REPORT

| | | |
|---|---|---|
| Applicant | : | Homerunpet Inc |
| Manufacturer | : | Shenzhen Qianhai Homerun Smart Technology Co., Ltd |
| Product Name | : | Wireless Pet Water Fountain |
| Test Model No. | : | BF10 |
| Reference Model No. | : | N/A |
| Trade Mark | : | N/A |
| Rating(s) | : | Input: 5V⎓2A<br>Battery Capacity: DC 3.7V, 7800mAh |
| **Test Standard(s)** | **:** | **FCC Rules and Regulations Part 18 Subpart C** |
| **Test Method(s)** | **:** | **FCC/OST MP-5: 1986** |

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited To determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 18 Subpart C limits both radiated and conducted emissions. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited Is assumed full responsibility for the accuracy and completeness of these measurements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited

Date of Receipt: Mar. 08, 2024

Date of Test: Mar. 08, 2024 to May 07, 2024

Prepared By: Ella Liang

(Ella Liang)

Approved & Authorized Signer: Edward pan

(Edward Pan)

# Revision History

| Report Version | Description | Issued Date |
|---|---|---|
| R00 | Original Issue. | May 07, 2024 |
| | | |
| | | |

# 1. General Information

## 1.1. Client Information

| | | |
|---|---|---|
| Applicant | : | Homerunpet Inc |
| Address | : | Homerunpet Inc. 18th St. Cheyenne, WY 82001 |
| Manufacturer | : | Shenzhen Qianhai Homerun Smart Technology Co., Ltd. |
| Address | : | Room 201, Building A, No.1 Qianwan 1st Road, Qianhai Shenzhen-Hong Kong Cooperation Zone, Shenzhen, Guangdong Province, China |
| Factory | : | Shenzhen Qianhai Homerun Smart Technology Co., Ltd. |
| Address | : | Room 201, Building A, No.1 Qianwan 1st Road, Qianhai Shenzhen-Hong Kong Cooperation Zone, Shenzhen, Guangdong Province, China |

## 1.2. Description of Device (EUT)

| | | |
|---|---|---|
| Product Name | : | Wireless Pet Water Fountain |
| Test Model No. | : | BF10 |
| Reference Model No. | : | N/A |
| Trade Mark | : | N/A |
| Test Power Supply | : | DC 5V from Adapter input AC 120V/60Hz |
| Test Sample No. | : | 1-2-1(Normal Sample), 1-2-2(Engineering Sample) |
| Adapter | : | N/A |
| **RF Specification** | | |
| Operation Frequency | : | 130kHz~205kHz |
| Modulation Type | : | FSK |
| Antenna Type | : | Inductive loop coil Antenna |
| Antenna Gain(Peak) | : | 0dBi |
| **Remark:** (1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. | | |

## 1.3. Auxiliary Equipment Used During Test

| Title | Manufacturer | Model No. | Serial No. |
|---|---|---|---|
| Xiaomi 33W adapter | Xiaomi | MDY-11-EX | SA62212LA04358J |

## 1.4. Description of Test Modes

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

| Pretest Mode | Description |
|---|---|
| Mode 1 | Energy transmission Mode |

| For Conducted Emission | |
|---|---|
| Final Test Mode | Description |
| Mode 1 | Energy transmission Mode |

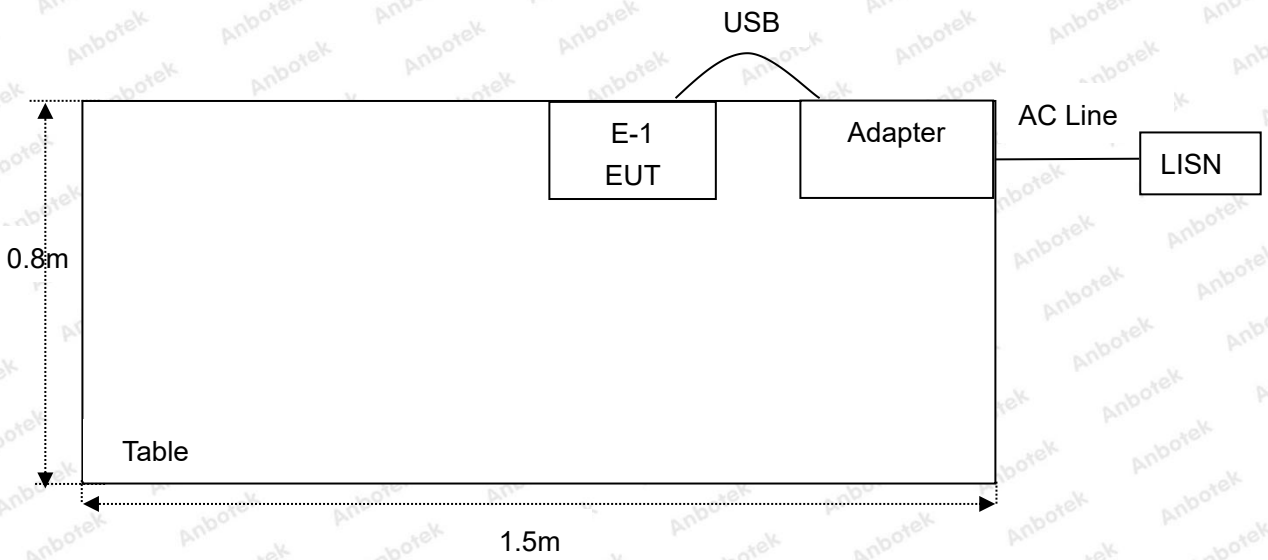
| For Radiated Emission | |
|---|---|
| Final Test Mode | Description |
| Mode 1 | Energy transmission Mode |

Note:

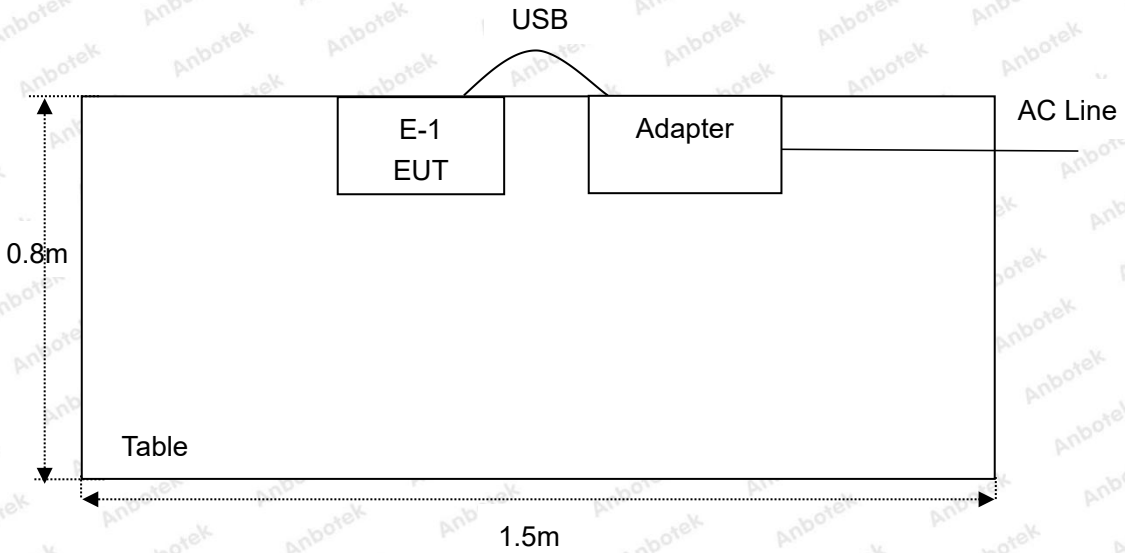
(1) Test channel is 0.1392MHz.

## 1.5. Description Of Test Setup

CE




RE



## 1.5. Test Summary

| Standard Section | Test Items | Test Mode | Status |
|---|---|---|---|
| §18.307 (b) | Power Line Conducted Emission Test (150KHz To 30MHz) | Mode 1 | P |
| §18.305 (b) | Radiated Emission Test (9KHz To 30MHz) | Mode 1 | P |

P) Indicates “PASS”.
N) Indicates “Not applicable”.

## 1.6. Test Equipment List

Conducted Emission Measurement

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal.Due Date |
|---|---|---|---|---|---|---|
| 1. | L.I.S.N. Artificial Mains Network | Rohde & Schwarz | ENV216 | 100055 | 2024-01-18 | 2025-01-17 |
| 2. | Three Phase V-type Artificial Power Network | CYBERTEK | EM5040DT | E215040DT001 | 2024-01-17 | 2025-01-16 |
| 3. | Software Name EZ-EMC | Farad Technology | ANB-03A | N/A | / | / |
| 4. | EMI Test Receiver | Rohde & Schwarz | ESPI3 | 100926 | 2023-10-12 | 2024-10-11 |

Radiated Emission Measurement

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal.Due Date |
|---|---|---|---|---|---|---|
| 1. | EMI Test Receiver | Rohde & Schwarz | ESR26 | 101481 | 2024-01-23 | 2025-01-22 |
| 2. | Pre-amplifier | SONOMA | 310N | 186860 | 2024-01-17 | 2025-01-16 |
| 3. | Bilog Broadband Antenna | Schwarzbeck | VULB9163 | 345 | 2022-10-23 | 2025-10-22 |
| 4. | Software Name EZ-EMC | Farad Technology | ANB-03A | N/A | / | / |
| 5. | Loop Antenna | Schwarzbeck | FMZB1519B | 00053 | 2023-10-12 | 2024-10-11 |

## 1.7. Measurement Uncertainty

| Parameter | Uncertainty |
|---|---|
| Conducted emissions (AMN 150kHz~30MHz) | 3.8dB |
| Radiated spurious emissions (Below 30MHz) | 3.53dB |
| Radiated spurious emissions (30MHz~1GHz) | Horizontal: 3.92dB; Vertical: 4.52dB |
| The measurement uncertainty and decision risk evaluated according to AB/WI-RF-F-032. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2. | |

## 1.8. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

**FCC-Registration No.: 434132**

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 434132.

**ISED-Registration No.: 8058A**

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

**Test Location**

Shenzhen Anbotek Compliance Laboratory Limited.
1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

# 2. Power Line Conducted Emission Test

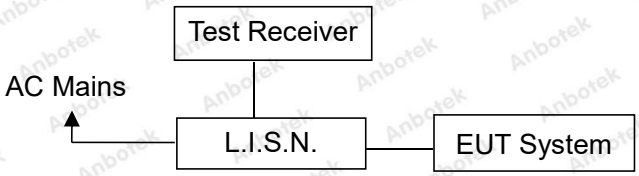
## 2.1. Test Standard and Limit

| Test Standard | FCC Part 18 Subpart C |
|---|---|

Power Line Conducted Emission Measurement Limits (All Induction cooking ranges and ultrasonic equipment:)

| | Frequency of emission (MHz) | Conducted limit (dBμV) | |
|---|---|---|---|
| | | Quasi-peak Level | Average Level |
| Test Limit | 0.15 ~ 0.5 | 66 ~ 56* | 56 ~ 46* |
| | 0.5 ~ 5.0 | 56 | 46 |
| | 5.0 ~ 30 | 60 | 50 |
| **Remark:** (1) The lower limit shall apply at the transition frequencies.<br>(2) * Decreasing linearly with logarithm of frequency. | | | |

## 2.2. Test Setup




## 2.3. EUT Configuration on Measurement

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

## 2.4. Operating Condition of EUT

2.4.1. Setup the EUT as shown in Section 2.2.

2.4.2. Turn on the power of all equipments.

2.4.3. Let the EUT work in test mode and measure it.

## 2.5. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.4-2014 on Conducted Emission Measurement.

The bandwidth of the test receiver (R&S ESCI) is set at 200Hz in 9K~150KHz range and 9KHz in 150K~30MHz range.

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

All the test results are listed in Section 2.6.

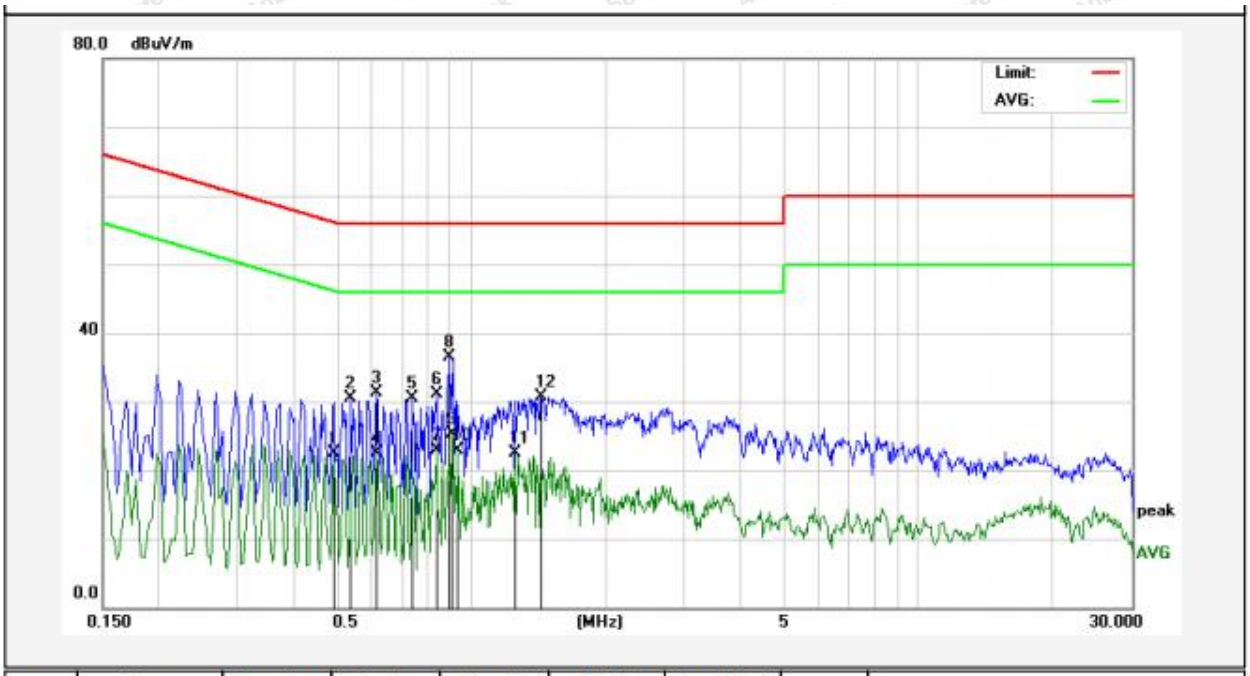
## 2.6. Test Results

**PASS**

The test curves are shown in the following pages.

**Conducted Emission Test Data**

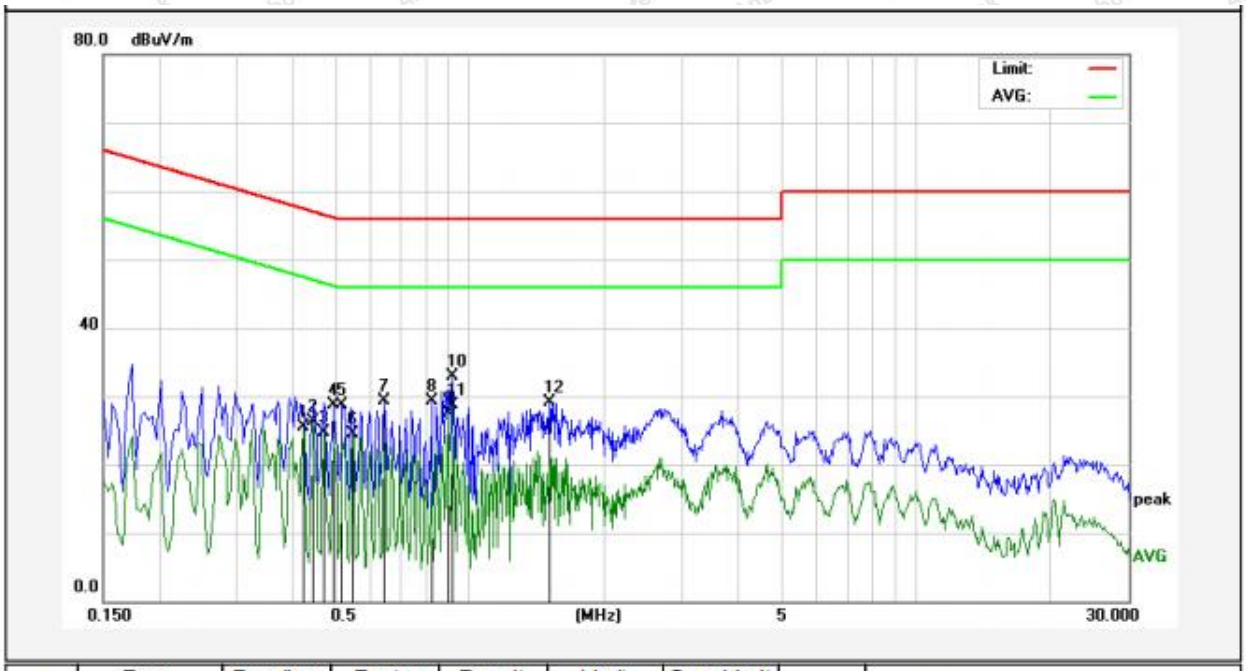
Test Site: 1# Shielded Room
Operating Condition: Mode 1
Test Specification: DC 5V from Adapter input AC 120V/60Hz
Comment: Live Line
Temp.(℃)/Hum.(%RH): 28℃/51%RH




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Over Limit (dB) | Detector | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 0.4940 | 12.57 | 9.86 | 22.43 | 46.10 | -23.67 | AVG | |
| 2 | 0.5380 | 20.55 | 9.86 | 30.41 | 56.00 | -25.59 | QP | |
| 3 | 0.6140 | 21.46 | 9.87 | 31.33 | 56.00 | -24.67 | QP | |
| 4 | 0.6140 | 12.62 | 9.87 | 22.49 | 46.00 | -23.51 | AVG | |
| 5 | 0.7380 | 20.71 | 9.87 | 30.58 | 56.00 | -25.42 | QP | |
| 6 | 0.8380 | 21.18 | 9.87 | 31.05 | 56.00 | -24.95 | QP | |
| 7 | 0.8380 | 12.99 | 9.87 | 22.86 | 46.00 | -23.14 | AVG | |
| 8 | 0.8980 | 26.61 | 9.86 | 36.47 | 56.00 | -19.53 | QP | |
| 9 | 0.9060 | 15.42 | 9.86 | 25.28 | 46.00 | -20.72 | AVG | |
| 10 | 0.9380 | 13.09 | 9.86 | 22.95 | 46.00 | -23.05 | AVG | |
| 11 | 1.2500 | 12.65 | 9.85 | 22.50 | 46.00 | -23.50 | AVG | |
| 12 | 1.4340 | 20.82 | 9.86 | 30.68 | 56.00 | -25.32 | QP | |

**Conducted Emission Test Data**

Test Site: 1# Shielded Room
Operating Condition: Mode 1
Test Specification: DC 5V from Adapter input AC 120V/60Hz
Comment: Neutral Line
Temp.(℃)/Hum.(%RH): 28℃/51%RH




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Over Limit (dB) | Detector | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 0.4220 | 15.75 | 9.82 | 25.57 | 47.41 | -21.84 | AVG | |
| 2 | 0.4460 | 16.52 | 9.83 | 26.35 | 46.95 | -20.60 | AVG | |
| 3 | 0.4700 | 14.94 | 9.85 | 24.79 | 46.51 | -21.72 | AVG | |
| 4 | 0.4940 | 18.82 | 9.86 | 28.68 | 56.10 | -27.42 | QP | |
| 5 | 0.5180 | 18.86 | 9.86 | 28.72 | 56.00 | -27.28 | QP | |
| 6 | 0.5460 | 14.61 | 9.86 | 24.47 | 46.00 | -21.53 | AVG | |
| 7 | 0.6419 | 19.51 | 9.87 | 29.38 | 56.00 | -26.62 | QP | |
| 8 | 0.8180 | 19.47 | 9.87 | 29.34 | 56.00 | -26.66 | QP | |
| 9 | 0.8940 | 17.58 | 9.86 | 27.44 | 46.00 | -18.56 | AVG | |
| 10 | 0.9180 | 23.13 | 9.86 | 32.99 | 56.00 | -23.01 | QP | |
| 11 | 0.9180 | 18.78 | 9.86 | 28.64 | 46.00 | -17.36 | AVG | |
| 12 | 1.5100 | 19.26 | 9.85 | 29.11 | 56.00 | -26.89 | QP | |

# 3. Radiated Emission Test (Below 30MHz)

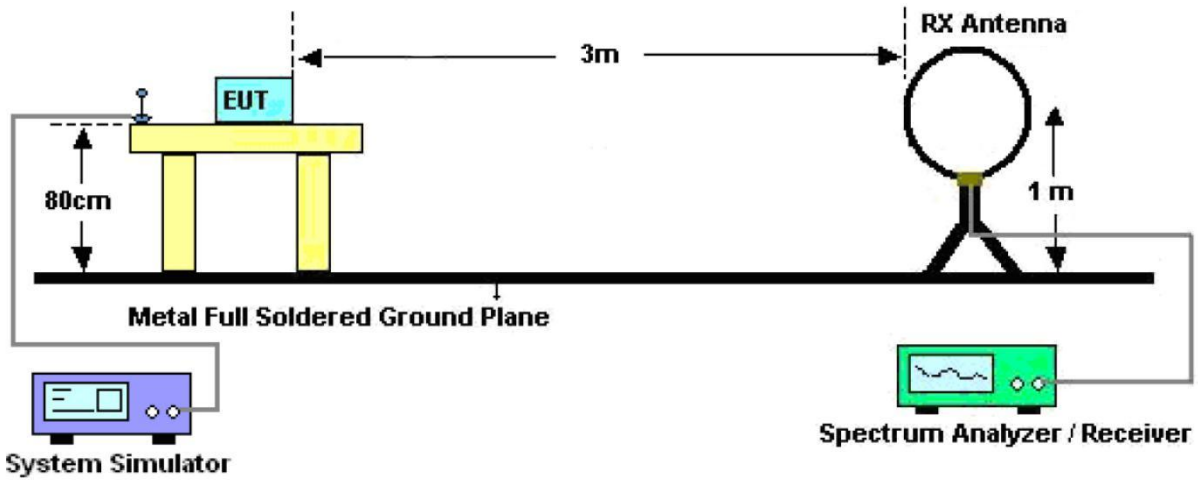
## 3.1. Test Standard and Limit

| Test Standard | FCC Part 18 Subpart C |
|---|---|

Radiated Emission Test Limit

| Equipment | Operating Frequency | RF Power generated by equipment(Watt) | Field strength limit (uV/m) | Distance (meters) |
|---|---|---|---|---|
| Any type unless otherwise specified (miscellaneous) | Any ISM frequency | Below 500 | 25 | 300 |
| | | 500 or more | 25×SQRT(power /500) | 300 (Note1) |
| | Any non-ISM frequency | Below 500 | 15 | 300 |
| | | 500 or more | 15×SQRT(power /500) | 300 (Note1) |
| **Note:** (1) Field strength may not exceed 10 μV/m at 1600 meters. Consumer equipment operating below 1000 MHz is not permitted the increase in field strength otherwise permitted here for power over 500 watts. | | | | |

## 3.2. Test Setup




**9KHz-30MHz**

### 3.3. EUT Configuration on Measurement

The following equipments are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

### 3.4. Operating Condition of EUT

3.4.1. Setup the EUT as shown in Section 3.2.

3.4.2. Turn on the power of all equipments.

3.4.3. Let the EUT work in test mode and measure it.

### 3.5. Test Procedure

For maximizing emissions below 30 MHz, the EUT was rotated through 360°, the centre of the loop antenna was placed 1 meter above the ground, and the antenna polarization was changed. Loop antenna was used as receiving antenna. In order to find the maximum emission, all of the interface cables were manipulated according to FCC OST/MP-5 requirement during radiated test.

The IF bandwidth used to measure the radiation signal strength is 200Hz when it is below 150kHz and 9KHz when it is between 150kHz and 30MHz

The frequency range from 9KHz to 30MHz is checked.

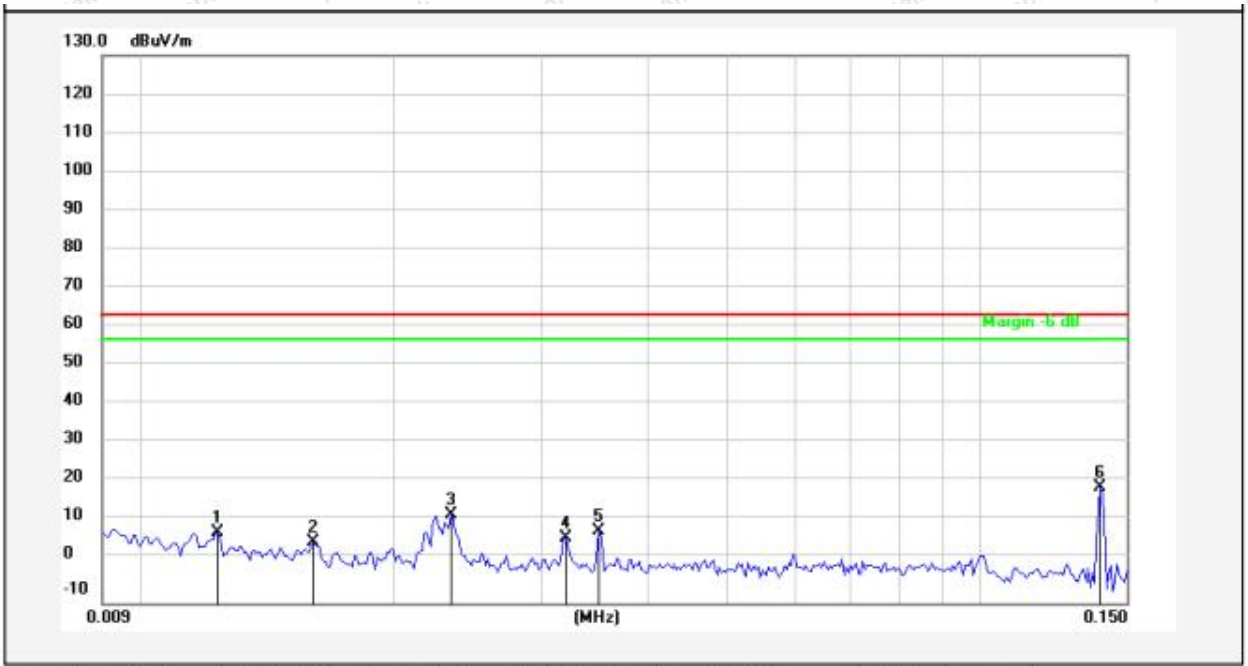
The test results are listed in Section 3.6.

### 3.6. Test Results

**PASS**

The test curves are shown in the following pages.

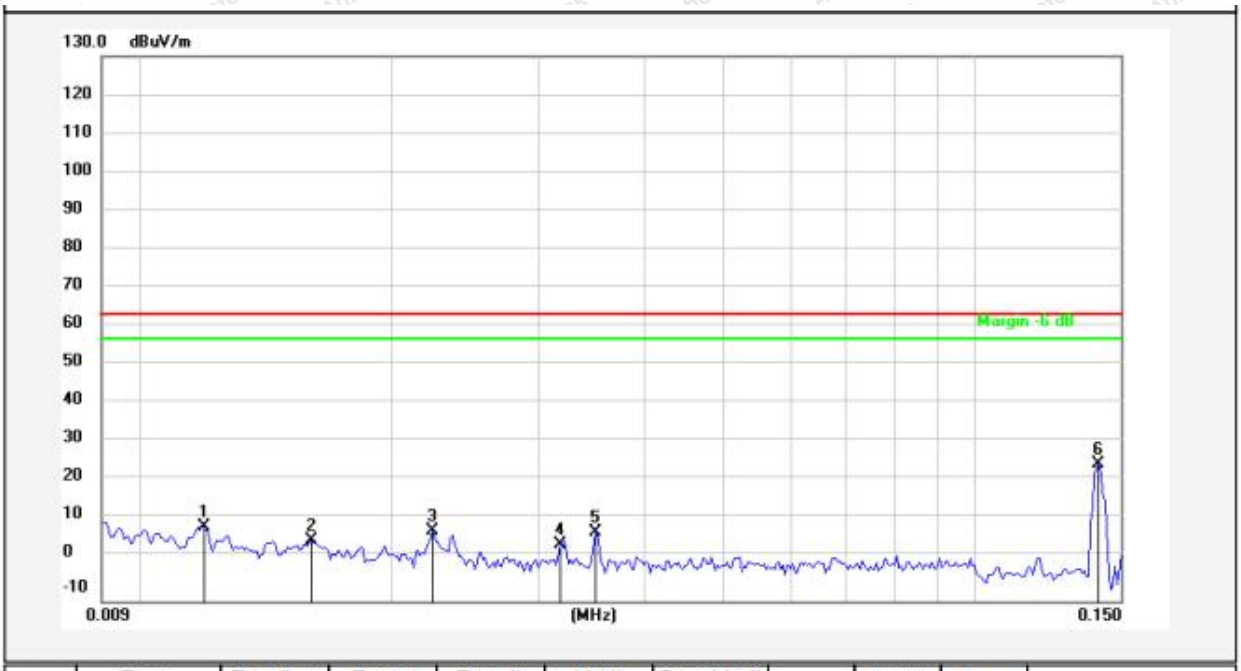
| | | | |
|---|---|---|---|
| **Test item:** | **Radiation Test** | **Polarization:** | **X** |
| **Standard:** | **(RE)FCC Part 18 Subpart C** | **Power Source:** | **DC 5V from Adapter input AC 120V/60Hz** |
| **Distance:** | **3m** | **Temp.(℃)/Hum.(%RH):** | **22.6( ℃)/52%RH** |
| **Test Frequency：** | **9KHz-150KHz** | | |




| No. | Freq. (MHz) | Reading (dBuV) | Factor () | Result (dBuV/m) | Limit (dBuV/m) | Over Limit (dB) | Detector | Height (cm) | degree (deg) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0123 | -12.13 | 20.12 | 7.99 | 63.50 | -55.51 | QP | | | |
| 2 | 0.0160 | -14.88 | 20.30 | 5.42 | 63.50 | -58.08 | QP | | | |
| 3 | 0.0234 | -7.91 | 20.37 | 12.46 | 63.50 | -51.04 | QP | | | |
| 4 | 0.0320 | -13.80 | 20.56 | 6.76 | 63.50 | -56.74 | QP | | | |
| 5 | 0.0350 | -12.16 | 20.49 | 8.33 | 63.50 | -55.17 | QP | | | |
| 6 | 0.1392 | -0.63 | 20.33 | 19.70 | 63.50 | -43.80 | QP | | | |

**Note:** **Result=Reading+Factor Over Limit=Result-Limit**

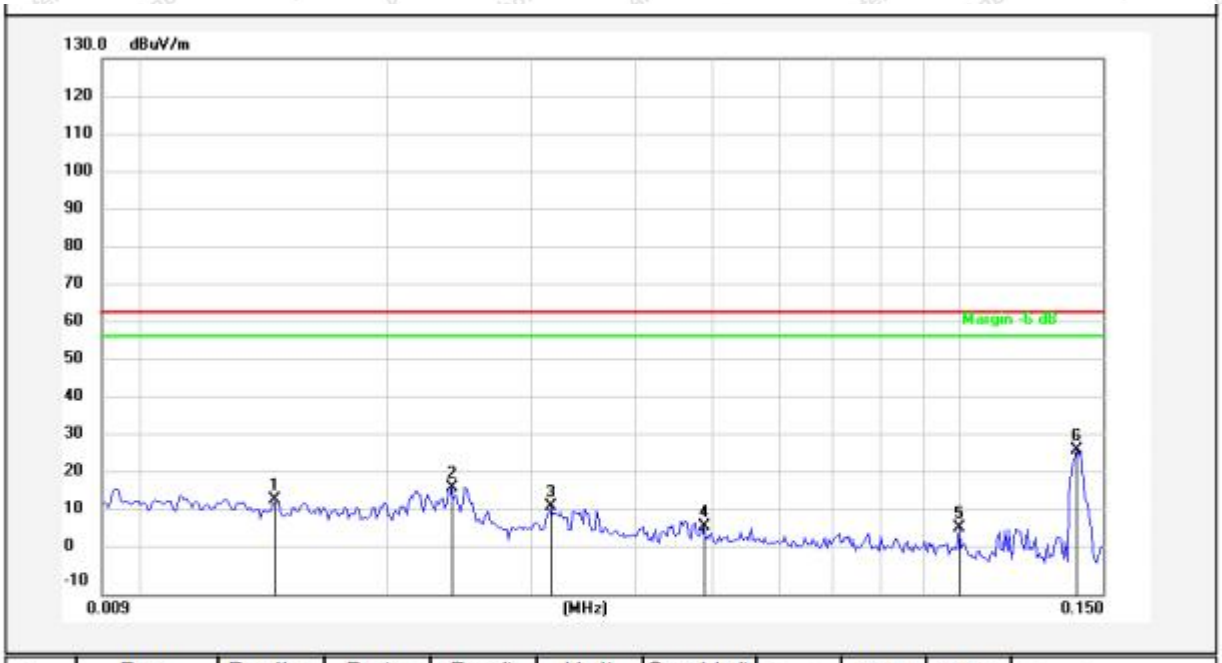
| | | | |
|---|---|---|---|
| **Test item:** | **Radiation Test** | **Polarization:** | **Y** |
| **Standard:** | **(RE)FCC Part 18 Subpart C** | **Power Source:** | **DC 5V from Adapter input AC 120V/60Hz** |
| **Distance:** | **3m** | **Temp.(℃)/Hum.(%RH):** | **22.6( ℃)/52%RH** |
| **Test Frequency：** | **9KHz-150KHz** | | |




| No. | Freq. (MHz) | Reading (dBuV) | Factor () | Result (dBuV/m) | Limit (dBuV/m) | Over Limit (dB) | Detector | Height (cm) | degree (deg) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0119 | -11.05 | 20.11 | 9.06 | 63.50 | -54.44 | QP | | | |
| 2 | 0.0160 | -14.57 | 20.30 | 5.73 | 63.50 | -57.77 | QP | | | |
| 3 | 0.0223 | -12.35 | 20.34 | 7.99 | 63.50 | -55.51 | QP | | | |
| 4 | 0.0318 | -16.05 | 20.56 | 4.51 | 63.50 | -58.99 | QP | | | |
| 5 | 0.0350 | -12.71 | 20.49 | 7.78 | 63.50 | -55.72 | QP | | | |
| 6 | 0.1393 | 4.86 | 20.33 | 25.19 | 63.50 | -38.31 | QP | | | |

**Note: Result=Reading+Factor Over Limit=Result-Limit**

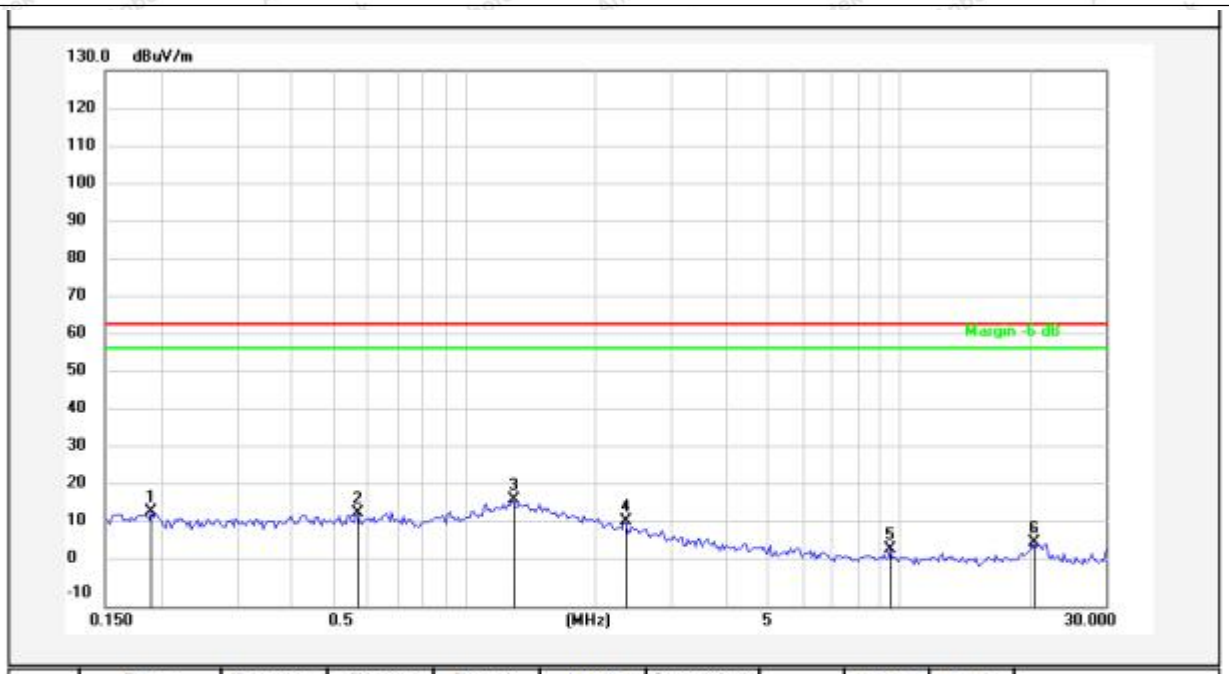
| | | | |
|---|---|---|---|
| **Test item:** | **Radiation Test** | **Polarization:** | **Z** |
| **Standard:** | **(RE)FCC Part 18 Subpart C** | **Power Source:** | **DC 5V from Adapter input AC 120V/60Hz** |
| **Distance:** | **3m** | **Temp.(℃)/Hum.(%RH):** | **22.6( ℃)/52%RH** |
| **Test Frequency：** | **9KHz-150KHz** | | |




| No. | Freq. (MHz) | Reading (dBuV) | Factor () | Result (dBuV/m) | Limit (dBuV/m) | Over Limit (dB) | Detector | Height (cm) | degree (deg) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0146 | -5.49 | 20.25 | 14.76 | 63.50 | -48.74 | QP | | | |
| 2 | 0.0240 | -2.62 | 20.38 | 17.76 | 63.50 | -45.74 | QP | | | |
| 3 | 0.0316 | -7.70 | 20.56 | 12.86 | 63.50 | -50.64 | QP | | | |
| 4 | 0.0487 | -12.89 | 20.42 | 7.53 | 63.50 | -55.97 | QP | | | |
| 5 | 0.1000 | -12.98 | 20.29 | 7.31 | 63.50 | -56.19 | QP | | | |
| 6 | 0.1392 | 7.47 | 20.33 | 27.80 | 63.50 | -35.70 | QP | | | |

**Note:** **Result=Reading+Factor Over Limit=Result-Limit**

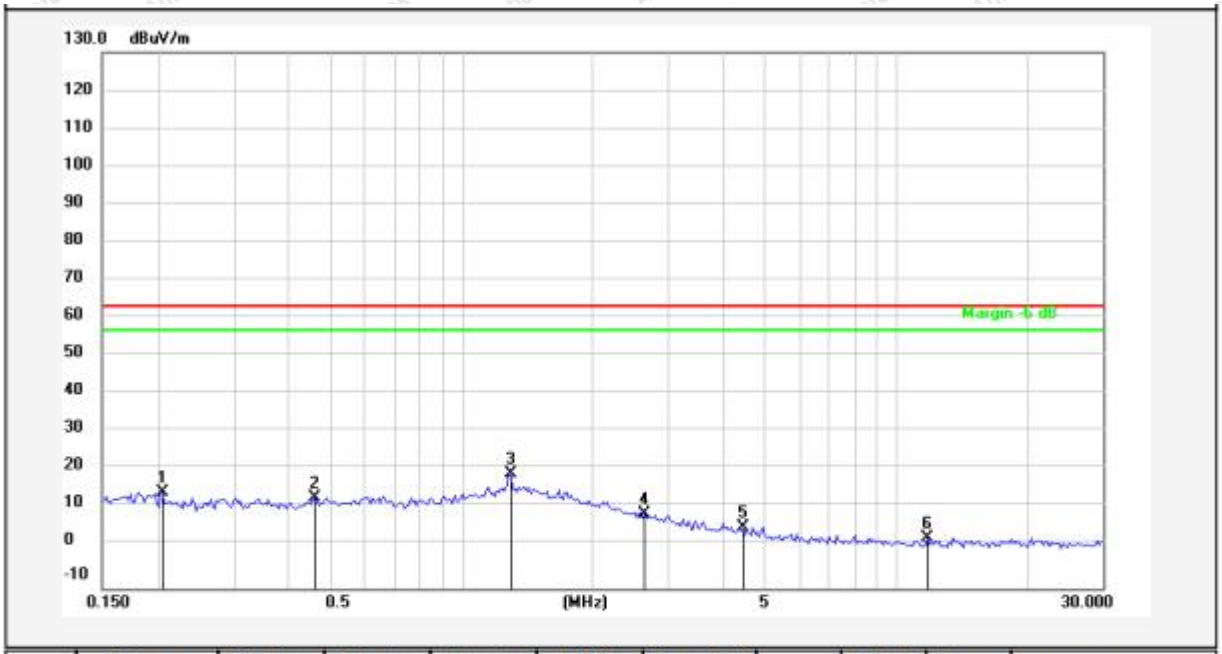
| | | | |
|---|---|---|---|
| **Test item:** | **Radiation Test** | **Polarization:** | **X** |
| **Standard:** | **(RE)FCC Part 18 Subpart C** | **Power Source:** | **DC 5V from Adapter input AC 120V/60Hz** |
| **Distance:** | **3m** | **Temp.(℃)/Hum.(%RH):** | **22.6( ℃)/52%RH** |
| **Test Frequency：** | **150KHz-30MHz** | | |




| No. | Freq. (MHz) | Reading (dBuV) | Factor () | Result (dBuV/m) | Limit (dBuV/m) | Over Limit (dB) | Detector | Height (cm) | degree (deg) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.1914 | -5.58 | 20.32 | 14.74 | 63.50 | -48.76 | QP | | | |
| 2 | 0.5701 | -6.10 | 20.28 | 14.18 | 63.50 | -49.32 | QP | | | |
| 3 | 1.2892 | -2.47 | 20.26 | 17.79 | 63.50 | -45.71 | QP | | | |
| 4 | 2.3336 | -8.18 | 20.29 | 12.11 | 63.50 | -51.39 | QP | | | |
| 5 | 9.5518 | -15.73 | 20.51 | 4.78 | 63.50 | -58.72 | peak | | | |
| 6 | 20.2696 | -14.04 | 20.59 | 6.55 | 63.50 | -56.95 | peak | | | |

**Note:** **Result=Reading+Factor Over Limit=Result-Limit**

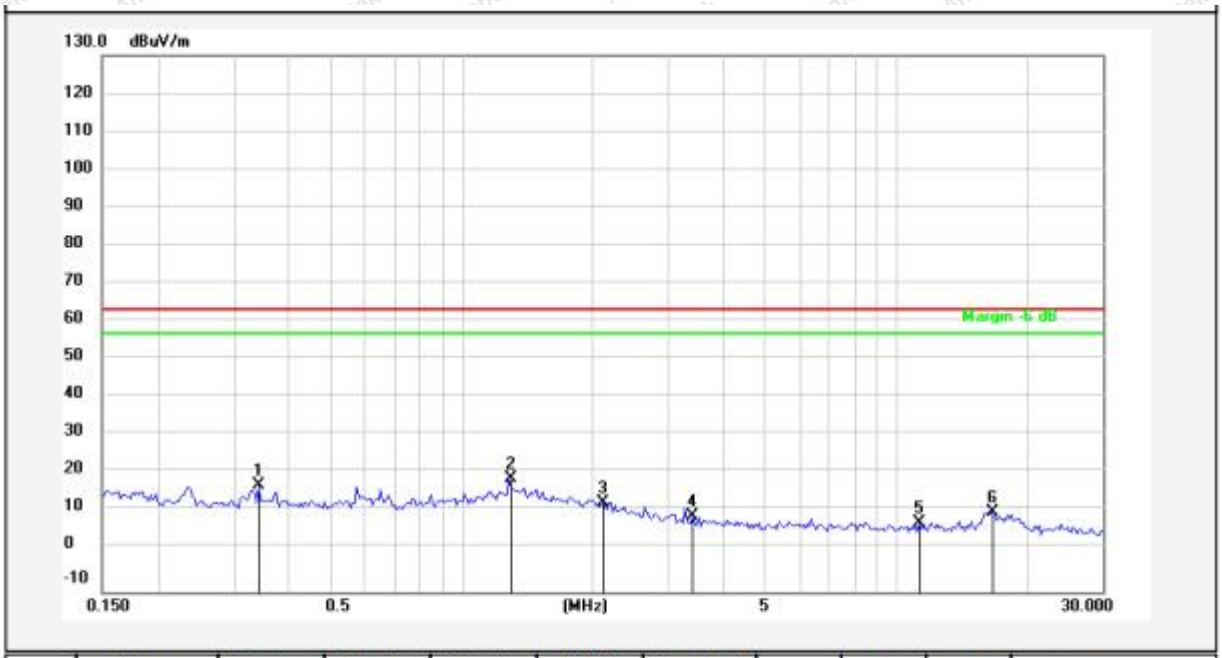
| | | | |
|---|---|---|---|
| **Test item:** | **Radiation Test** | **Polarization:** | **Y** |
| **Standard:** | **(RE)FCC Part 18 Subpart C** | **Power Source:** | **DC 5V from Adapter input AC 120V/60Hz** |
| **Distance:** | **3m** | **Temp.(℃)/Hum.(%RH):** | **22.6( ℃)/52%RH** |
| **Test Frequency：** | **150KHz-30MHz** | | |




| No. | Freq. (MHz) | Reading (dBuV) | Factor () | Result (dBuV/m) | Limit (dBuV/m) | Over Limit (dB) | Detector | Height (cm) | degree (deg) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.2061 | -5.43 | 20.31 | 14.88 | 63.50 | -48.62 | QP | | | |
| 2 | 0.4612 | -6.60 | 20.27 | 13.67 | 63.50 | -49.83 | QP | | | |
| 3 | 1.2892 | -0.47 | 20.26 | 19.79 | 63.50 | -43.71 | QP | | | |
| 4 | 2.6500 | -10.99 | 20.29 | 9.30 | 63.50 | -54.20 | QP | | | |
| 5 | 4.4071 | -14.42 | 20.39 | 5.97 | 63.50 | -57.53 | QP | | | |
| 6 | 11.8070 | -17.43 | 20.53 | 3.10 | 63.50 | -60.40 | QP | | | |

**Note:** **Result=Reading+Factor Over Limit=Result-Limit**

| | | | |
|---|---|---|---|
| **Test item:** | **Radiation Test** | **Polarization:** | **Z** |
| **Standard:** | **(RE)FCC Part 18 Subpart C** | **Power Source:** | **DC 5V from Adapter input AC 120V/60Hz** |
| **Distance:** | **3m** | **Temp.(℃)/Hum.(%RH):** | **22.6( ℃)/52%RH** |
| **Test Frequency：** | **150KHz-30MHz** | | |




| No. | Freq. (MHz) | Reading (dBuV) | Factor () | Result (dBuV/m) | Limit (dBuV/m) | Over Limit (dB) | Detector | Height (cm) | degree (deg) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.3427 | -2.44 | 20.29 | 17.85 | 63.50 | -45.65 | QP | | | |
| 2 | 1.2892 | -0.64 | 20.26 | 19.62 | 63.50 | -43.88 | QP | | | |
| 3 | 2.1213 | -6.83 | 20.28 | 13.45 | 63.50 | -50.05 | QP | | | |
| 4 | 3.4174 | -10.41 | 20.33 | 9.92 | 63.50 | -53.58 | QP | | | |
| 5 | 11.3170 | -12.37 | 20.53 | 8.16 | 63.50 | -55.34 | QP | | | |
| 6 | 16.5732 | -9.58 | 20.55 | 10.97 | 63.50 | -52.53 | QP | | | |

**Note:** **Result=Reading+Factor Over Limit=Result-Limit**

# APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files Appendix I -- Test Setup Photograph_WPT

# APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

# APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

---------- End of Report ----------