# FCC EMI TEST REPORT

| | | |
|---|---|---|
| **FCC ID** | : | **PY7-58237R** |
| **Equipment** | : | **GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac, NFC, FM receiver and GNSS** |
| **Brand Name** | : | **SONY** |
| **Applicant** | : | **Sony Corporation 1-7-1 Konan Minato-ku Tokyo, 108-0076 Japan** |
| **Manufacturer** | : | **Sony Corporation 1-7-1 Konan Minato-ku Tokyo, 108-0076 Japan** |
| **Standard** | : | **FCC 47 CFR FCC Part 15 Subpart B Class B** |
| **Test Date(s)** | : | **Dec. 27, 2021 ~ Dec. 30, 2021** |

**We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.**

**The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.**

Jason Jia

**Reviewed by: Jason Jia / Supervisor**

Alex Wang

**Approved by: Alex Wang / Manager**

ACCREDITED Cert #5145.02

***Sporton International Inc. (Kunshan)***

***No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300***

***People's Republic of China***

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# History of this test report

| Report No. | Version | Description | Issued Date |
|---|---|---|---|
| FC1D0404 | 01 | Initial issue of report | Mar. 01, 2022 |
| FC1D0404 | 02 | Page 37-38, added radiated test marker #8 | Mar. 07, 2022 |
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# Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items | Result (PASS/FAIL) | Remark |
|---|---|---|---|---|
| 3.1 | 15.107 | AC Conducted Emission | Pass | Under limit 4.53 dB at 13.560 MHz |
| 3.2 | 15.109 | Radiated Emission | Pass | Under limit 4.05 dB at 41.640 MHz |

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

# 1. General Description

## 1.1. Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, DTS/UNII a/b/g/n/ac, NFC, FM Receiver, and GNSS

| Product Specification subjective to this standard | |
|---|---|
| **Antenna Type** | WWAN: PIFA Antenna<br>WLAN: PIFA Antenna<br>Bluetooth: PIFA Antenna<br>GPS/Glonass/Galileo/BDS: PIFA Antenna<br>NFC: Loop Antenna<br>FM : External antenna |

**Remark:** The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

| EUT Information List | | | |
|---|---|---|---|
| **HW Version** | **SW Version** | **IMEI Code** | **Performed Test Item** |
| A | 0.166 | 004402543113660/<br>004402543113678 | Conducted Emission |
| | | 004402543113686<br>004402543113694 | Radiated Emission |

| Accessory List | |
|---|---|
| **AC Adapter** | Model Name : UCH-32 |
| **Earphone** | Model Name : MDR-EX15AP |
| **USB Cable 1** | Model Name : UCB24 |
| **USB Cable 2** | Model Name : A8485011 |

**Note:**

1. Above EUT list used are electrically identical per declared by manufacturer.
2. For other wireless features of this EUT, test report will be issued separately.

## 1.2. Modification of EUT

No modifications are made to the EUT during all test items.

## 1.3. Test Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

| | | | |
|---|---|---|---|
| **Test Firm** | Sporton International Inc. (Kunshan) | | |
| **Test Site Location** | No. 1098, Pengxi North Road, Kunshan Economic Development Zone<br>Jiangsu Province 215300 People's Republic of China<br>TEL : +86-512-57900158<br>FAX : +86-512-57900958 | | |
| **Test Site No.** | **Sporton Site No.** | **FCC Designation No.** | **FCC Test Firm Registration No.** |
| | CO01-KS<br>03CH06-KS | CN1257 | 314309 |

## 1.4. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC 47 CFR FCC Part 15 Subpart B Class B
- ANSI C63.4-2014

**Remark:** All test items were verified and recorded according to the standards and without any deviation during the test.

# 2. Test Configuration of Equipment Under Test

## 2.1. Test Mode

The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

| Test Items | Function Type |
|---|---|
| **AC Conducted Emission** | Mode 1: GSM850 (Middle Channel) Idle + Bluetooth Idle with Bluetooth Earphone + WLAN (2.4GHz) Idle + Camera (Rear) + Earphone + USB Cable 1(Charging from Adapter)<br>Mode 2: WCDMA Band V (Lowest Channel) Idle + Bluetooth Idle with Bluetooth Earphone + WLAN (5GHz) Idle + Camera (Front) + Earphone + USB Cable 2(Charging from Adapter)<br>Mode 3: GSM1900 Idle + Bluetooth Idle with Bluetooth Earphone + WLAN (2.4GHz) Idle + MPEG 4 + Earphone + USB Cable 1(Charging from Adapter)<br>Mode 4: LTE Band 12 (Highest Channel) Idle + Bluetooth Idle with Bluetooth Earphone + WLAN (5GHz) Idle + NFC On + Earphone + USB Cable 1(Charging from Adapter)<br>Mode 5: LTE Band 41 Idle + Bluetooth Idle with Bluetooth Earphone + WLAN (2.4GHz) Idle + FM Rx(98MHz) + Earphone + USB Cable 1(Data Link with Notebook)<br>Mode 6: LTE Band 12 (Highest Channel) Idle + Bluetooth Idle with Bluetooth Earphone + WLAN (5GHz) Idle + GNSS Rx + Earphone + USB Cable 2(Data Link with Notebook) |
| **Radiated Emissions** | Mode 1: GSM850 (Middle Channel) Idle + Bluetooth Idle with Bluetooth Earphone + WLAN (2.4GHz) Idle + Camera (Rear) + Earphone + USB Cable 1(Charging from Adapter)<br>Mode 2: WCDMA Band V (Lowest Channel) Idle + Bluetooth Idle with Bluetooth Earphone + WLAN (5GHz) Idle + Camera (Front) + Earphone + USB Cable 2(Charging from Adapter)<br>Mode 3: GSM1900 Idle + Bluetooth Idle with Bluetooth Earphone + WLAN (2.4GHz) Idle + MPEG 4 + Earphone + USB Cable 1(Charging from Adapter)<br>Mode 4: LTE Band 12 (Highest Channel) Idle + Bluetooth Idle with Bluetooth Earphone + WLAN (5GHz) Idle + NFC On + Earphone + USB Cable 1(Charging from Adapter)<br>Mode 5: LTE Band 41 Idle + Bluetooth Idle with Bluetooth Earphone + WLAN (2.4GHz) Idle + FM Rx(88MHz) + Earphone + USB Cable 1(Data Link with Notebook)<br>Mode 6: GSM850 (Middle Channel) Idle + Bluetooth Idle with Bluetooth Earphone + WLAN (5GHz) Idle + GNSS Rx + Earphone + USB Cable 2(Data Link with Notebook) |

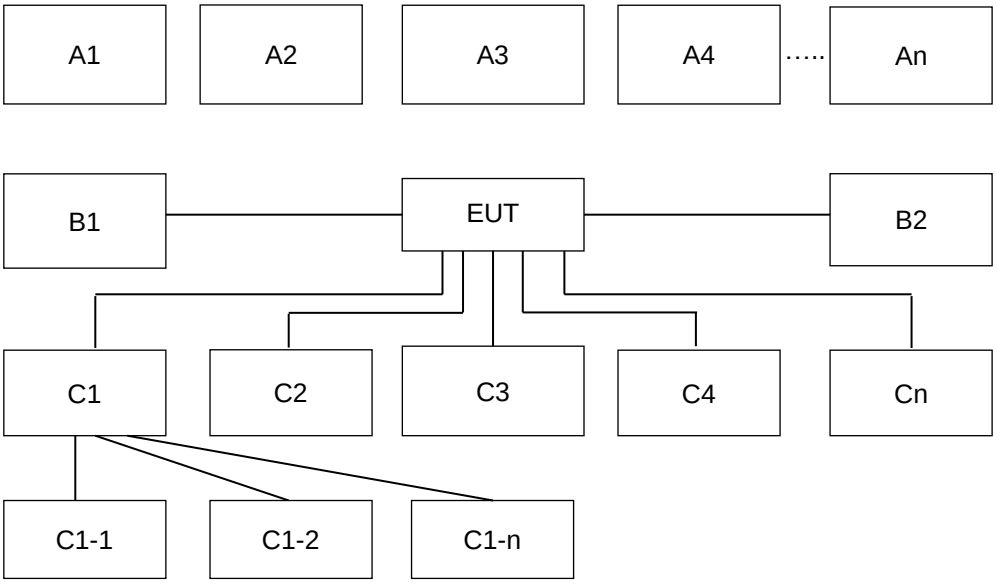
**Remark:**

**1.** After pre-scanned the L/M/H channel for all frequency band which operate within the frequency range of 30MHz ~ 960MHz (GSM850/WCDMA Band V/LTE Band 12/FM); only the worst channel for them between 30MHz ~ 960MHz test data of this mode was reported.

**2.** Data Link with Notebook means data application transferred mode between EUT and Notebook.

**3.** For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.

## 2.2. Connection Diagram of Test System




| Conduction Test Setup | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No.** | **Wireless Station** | **Connection Type** | **Test Mode** | | | | | |
| | | | **1** | **2** | **3** | **4** | **5** | **6** |
| A1 | System Simulator | GSM/WCDMA/LTE/FM | **X** | **X** | **X** | **X** | **X** | **X** |
| A2 | BT Earphone | Bluetooth | **X** | **X** | **X** | **X** | **X** | **X** |
| A3 | GPS/Glonass Station | GNSS | | | | | | **X** |
| A4 | Signal Generator | FM | | | | | **X** | |
| A5 | AP router | WiFi | **X** | **X** | **X** | **X** | **X** | **X** |
| A6 | Notebook | WiFi | **X** | **X** | **X** | **X** | **X** | **X** |
| **No.** | **Power Source** | **Connection Type** | **1** | **2** | **3** | **4** | **5** | **6** |
| B1 | AC : 120V/60Hz | AC Power Cable | **X** | **X** | **X** | **X** | | |
| **No.** | **Setup Peripherals** | **Connection Type** | **1** | **2** | **3** | **4** | **5** | **6** |
| C1 | Notebook | USB link | | | | | **X** | **X** |
| C2 | SD Card | SD I/O interface without cable | **X** | **X** | **X** | **X** | **X** | **X** |
| C3 | Earphone | Earphone jack | **X** | **X** | **X** | **X** | **X** | **X** |
| C1-1 | Ipod/HD/U Disk | USB | | | | | **X** | **X** |
| C1-2 | Router | LAN Link | | | | | **X** | **X** |

| Radiated Test Setup | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| No. | Wireless Station | Connection Type | Test Mode | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 |
| A1 | System Simulator | GSM/WCDMA/LTE | X | X | X | X | X | X |
| A2 | Earphone | Bluetooth | X | X | X | X | X | X |
| A3 | Signal Generator | GNSS | | | | | | X |
| A4 | Signal Generator | FM | | | | | X | |
| A5 | AP router | WiFi | X | X | X | X | X | X |
| A6 | Notebook | WiFi | X | X | X | X | X | X |
| **No.** | **Power Source** | **Connection Type** | **1** | **2** | **3** | **4** | **5** | **6** |
| B1 | AC : 120V/60Hz | AC Power Cable | X | X | X | X | | |
| **No.** | **Setup Pripherals** | **Connection Type** | **1** | **2** | **3** | **4** | **5** | **6** |
| C1 | Notebook | USB link | | | | | X | X |
| C2 | SD Card | SD I/O interface without cable | X | X | X | X | X | X |
| C3 | Earphone | Earphone jack | X | X | X | X | X | X |
| C1-1 | Hard Disk | USB | | | | | X | X |
| C1-2 | Router | LAN Link | | | | | X | X |

## 2.3. Support Unit used in test configuration and system

| Item | Equipment | Brand Name | Model Name | FCC ID | Data Cable | Power Cord |
|---|---|---|---|---|---|---|
| 1. | System Simulator | Anritus | MT8821C | N/A | N/A | Unshielded,1.8m |
| 2. | System Simulator | Anritus | MT8820C | N/A | N/A | Unshielded,1.8m |
| 3. | GNSS Station | R&S | SMBV100A | N/A | N/A | Unshielded,1.8m |
| 4. | FM Station | R&S | SMBV100A | 258305 | N/A | N/A |
| 5. | WLAN AP | D-link | DIR-655 | KA21R655B1 | N/A | Unshielded,1.8m |
| 6. | WLAN AP | TP-Link | TL-WDR5600 | N/A | N/A | Unshielded,1.8m |
| 7. | Notebook | Lenovo | G480 | QDS-BRCM1050I | N/A | AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m |
| 8. | Notebook | Lenovo | S730-13IWL | N/A | N/A | AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m |
| 9. | SD Card | Kingston | 8GB | N/A | N/A | N/A |
| 10. | Hard Disk | Lenovo | F310 | DoC | Shielded, 1.2m | N/A |
| 11. | Hard disk | KINGSHARE | KSP6120G | Fcc DoC | Shielded, 1.2m | N/A |
| 12. | Bluetooth Earphone | Sony | SBH82D | PY7-33726V | N/A | N/A |

## 2.4. EUT Operation Test Setup

The EUT was in WWAN idle mode during the test. The EUT was synchronized with the BCCH, and had been continuous receiving mode by setting paging reorganization of the system simulator.

At the same time, the EUT was attached to the Bluetooth earphone or WLAN AP, and the following programs installed in the EUT were programmed during the test:

1. Data application is transferred between Laptop and EUT via USB cable.
2. Execute “GNSS Test” to make the EUT receive continuous signals from GNSS station.
3. Execute “Video player” to play MPEG4 files.
4. Turn on camera to capture images.
5. Turn on NFC function
6. Execute “FM Test” to make the EUT receive continuous signals from FM station.

# 3. Test Result

## 3.1. Test of AC Conducted Emission Measurement

### 3.1.1. Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

**<Class B>**

| Frequency of emission (MHz) | Conducted limit (dBuV) | |
|---|---|---|
| | Quasi-peak | Average |
| 0.15-0.5 | 66 to 56* | 56 to 46* |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

*Decreases with the logarithm of the frequency.

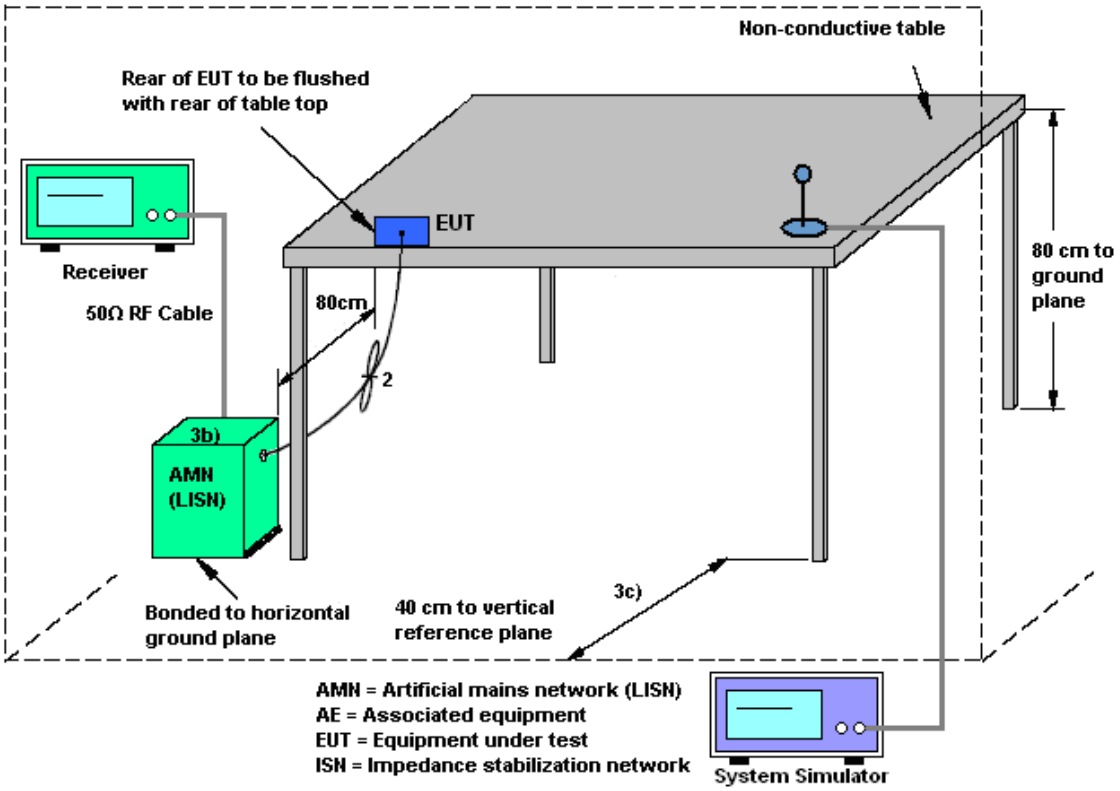
### 3.1.2. Measuring Instruments

Refer a test equipment and calibration data table in this test report.

### 3.1.3. Test Procedure

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

### 3.1.4. Test Setup




### 3.1.5. Test Result of AC Conducted Emission

Please refer to Appendix A.

# 3.2. Test of Radiated Emission Measurement

## 3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

**<Class B>**

| Frequency (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|---|---|---|
| 30 – 88 | 100 | 3 |
| 88 – 216 | 150 | 3 |
| 216 - 960 | 200 | 3 |
| Above 960 | 500 | 3 |

## 3.2.2. Measuring Instruments

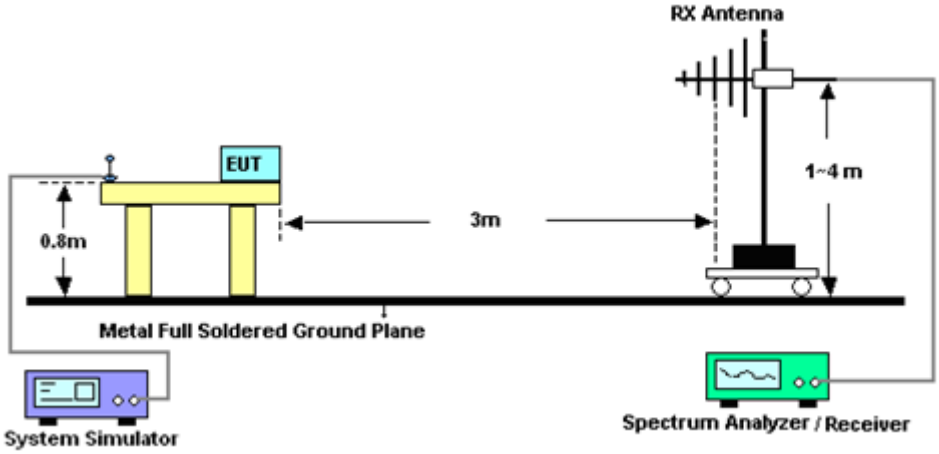
Refer a test equipment and calibration data table in this test report.

## 3.2.3. Test Procedures

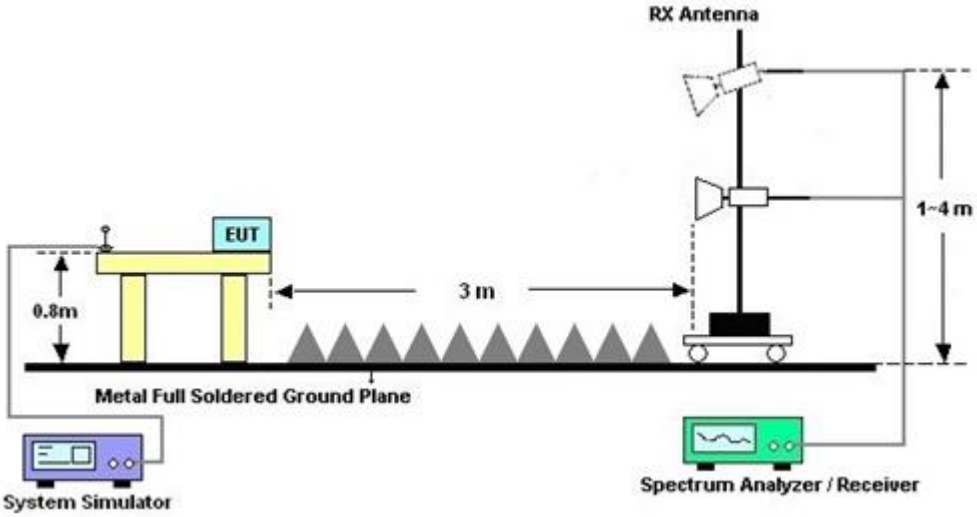
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120 kHz/VBW=300 kHz for frequency below 1 GHz; RBW=1 MHz VBW=3 MHz (Peak), RBW=1 MHz/VBW=10 Hz (Average) for frequency above 1 GHz).
7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
8. Emission level (dBμV/m) = 20 log Emission level (μV/m)
9. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level

## 3.2.4. Test Setup of Radiated Emission

**For radiated emissions from 30MHz to 1GHz**




**For radiated emissions above 1GHz**




## 3.2.5. Test Result of Radiated Emission

Please refer to Appendix B.

# 4. List of Measuring Equipment

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|---|---|---|---|---|---|---|---|---|
| EMI Receiver | R&S | ESCI7 | 100768 | 9kHz~7GHz; | Apr. 21, 2021 | Dec. 27, 2021 | Apr. 20, 2022 | Conduction (CO01-KS) |
| AC LISN (for auxiliary equipment) | MessTec | AN3016 | 060103 | 9kHz~30MHz | Oct. 14, 2021 | Dec. 27, 2021 | Oct. 13, 2022 | Conduction (CO01-KS) |
| AC LISN | R&S | ENV216 | 100334 | 9kHz~30MHz | Oct. 14, 2021 | Dec. 27, 2021 | Oct. 13, 2022 | Conduction (CO01-KS) |
| AC Power Source | Chroma | 61602 | ABP000000811 | AC 0V~300V, 45Hz~1000Hz | Oct. 14, 2021 | Dec. 27, 2021 | Oct. 13, 2022 | Conduction (CO01-KS) |
| EMI Test Receiver | Keysight | N9038A | MY56400004 | 3Hz~8.5GHz;Max 30dBm | Oct. 16, 2021 | Dec. 30, 2021 | Oct. 15, 2022 | Radiation (03CH06-KS) |
| EXA Spectrum Analyzer | Keysight | N9010A | MY55150208 | 10Hz-44GHz | Apr. 12, 2021 | Dec. 30, 2021 | Apr. 11, 2022 | Radiation (03CH06-KS) |
| Bilog Antenna | TeseQ | CBL6111D | 49921 | 30MHz-1GHz | May 27, 2021 | Dec. 30, 2021 | May 26, 2022 | Radiation (03CH06-KS) |
| Double Ridge Horn Antenna | ETS-Lindgren | 3117 | 00218652 | 1GHz~18GHz | Apr. 25, 2021 | Dec. 30, 2021 | Apr. 24, 2022 | Radiation (03CH06-KS) |
| SHF-EHF Horn | Com-power | AH-840 | 101093 | 18GHz~40GHz | Jan. 06, 2021 | Dec. 30, 2021 | Jan. 05, 2022 | Radiation (03CH06-KS) |
| Amplifier | SONOMA | 310N | 187289 | 9KHz ~1GHZ | Apr. 12, 2021 | Dec. 30, 2021 | Apr. 11, 2022 | Radiation (03CH06-KS) |
| Amplifier | Keysight | 83017A | MY53270203 | 500MHz~26.5GHz | Apr. 13, 2021 | Dec. 30, 2021 | Apr. 12, 2022 | Radiation (03CH06-KS) |
| Amplifier | MITEQ | EM18G40GGA | 060728 | 18~40GHz | Jan. 06, 2021 | Dec. 30, 2021 | Jan. 05, 2022 | Radiation (03CH06-KS) |
| AC Power Source | Chroma | 61601 | F104090004 | N/A | NCR | Dec. 30, 2021 | NCR | Radiation (03CH06-KS) |
| Turn Table | ChamPro | EM 1000-T | 060762-T | 0~360 degree | NCR | Dec. 30, 2021 | NCR | Radiation (03CH06-KS) |
| Antenna Mast | ChamPro | EM 1000-A | 060762-A | 1 m~4 m | NCR | Dec. 30, 2021 | NCR | Radiation (03CH06-KS) |

NCR: No Calibration Required

# 5. Uncertainty of Evaluation

**Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)**

| | |
|---|---|
| **Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))** | **2.9dB** |

**Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)**

| | |
|---|---|
| **Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))** | **5.0dB** |

**Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)**

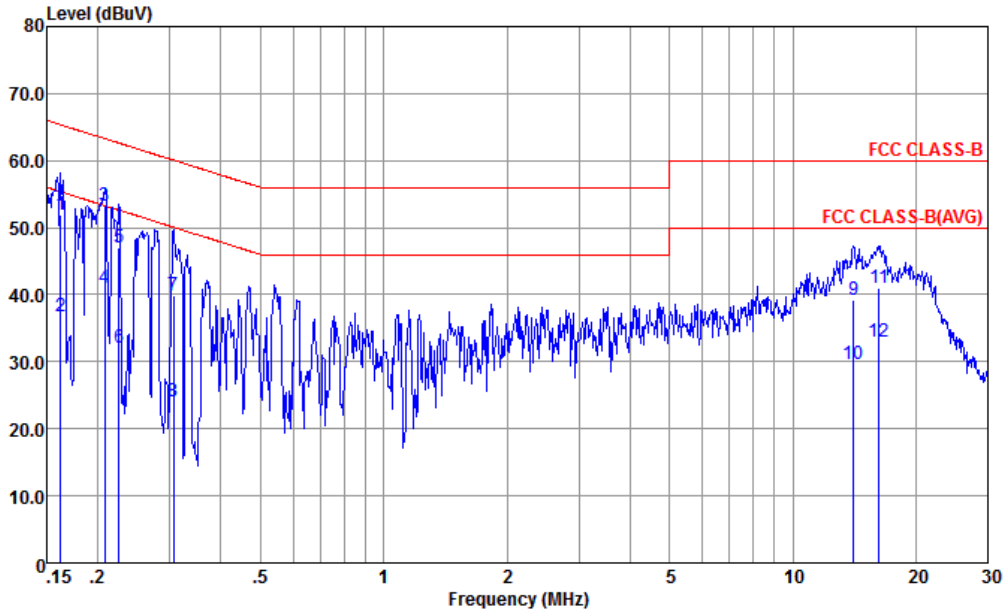
| | |
|---|---|
| **Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))** | **5.0dB** |

**Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)**

| | |
|---|---|
| **Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))** | **5.0dB** |

# Appendix A. AC Conducted Emission Test Results

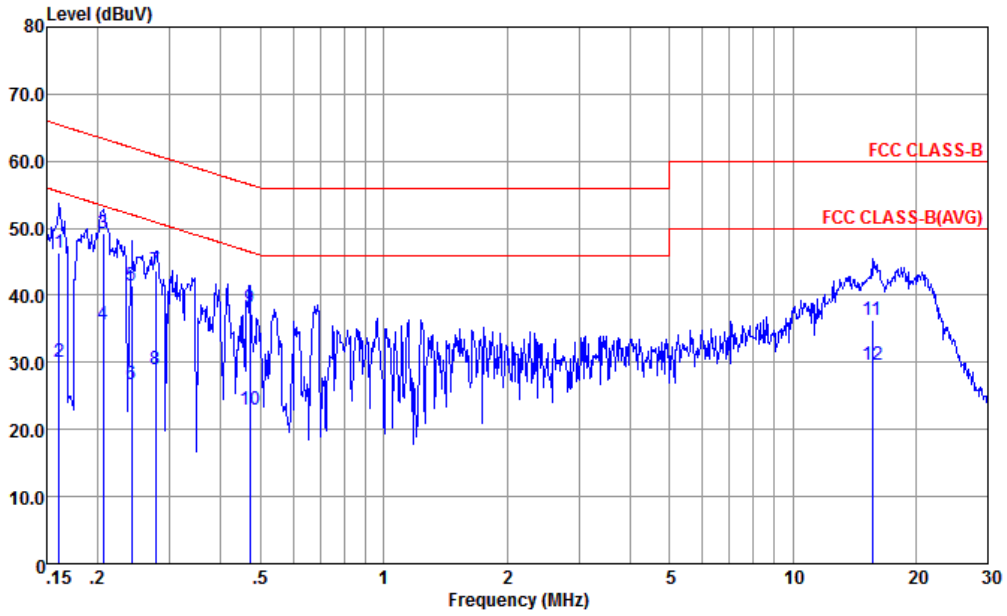
| | | | |
|---|---|---|---|
| **Mode :** | Mode 1 | **Temperature :** | 25.3~26.2℃ |
| **Test Engineer :** | Amos Zhang | **Relative Humidity :** | 38~40% |
| **Test Voltage :** | 120Vac / 60Hz | **Phase :** | Line |
| **Remark :** | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-KS
Condition : FCC CLASS-B LISN-060105-L LINE
Project : (FC) 1D0404
mode : Mode 1

| | | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 | | 0.162 | 51.97 | -13.37 | 65.34 | 41.49 | 0.03 | 10.45 | QP |
| 2 | | 0.162 | 36.67 | -18.67 | 55.34 | 26.19 | 0.03 | 10.45 | Average |
| 3 | * | 0.208 | 53.20 | -10.07 | 63.27 | 42.80 | 0.04 | 10.36 | QP |
| 4 | | 0.208 | 40.90 | -12.37 | 53.27 | 30.50 | 0.04 | 10.36 | Average |
| 5 | | 0.226 | 47.00 | -15.61 | 62.61 | 36.60 | 0.05 | 10.35 | QP |
| 6 | | 0.226 | 32.20 | -20.41 | 52.61 | 21.80 | 0.05 | 10.35 | Average |
| 7 | | 0.307 | 39.88 | -20.18 | 60.06 | 29.51 | 0.07 | 10.30 | QP |
| 8 | | 0.307 | 23.98 | -26.08 | 50.06 | 13.61 | 0.07 | 10.30 | Average |
| 9 | | 14.063 | 39.27 | -20.73 | 60.00 | 28.59 | 0.29 | 10.39 | QP |
| 10 | | 14.063 | 29.57 | -20.43 | 50.00 | 18.89 | 0.29 | 10.39 | Average |
| 11 | | 16.226 | 40.97 | -19.03 | 60.00 | 30.20 | 0.35 | 10.42 | QP |
| 12 | | 16.226 | 32.87 | -17.13 | 50.00 | 22.10 | 0.35 | 10.42 | Average |

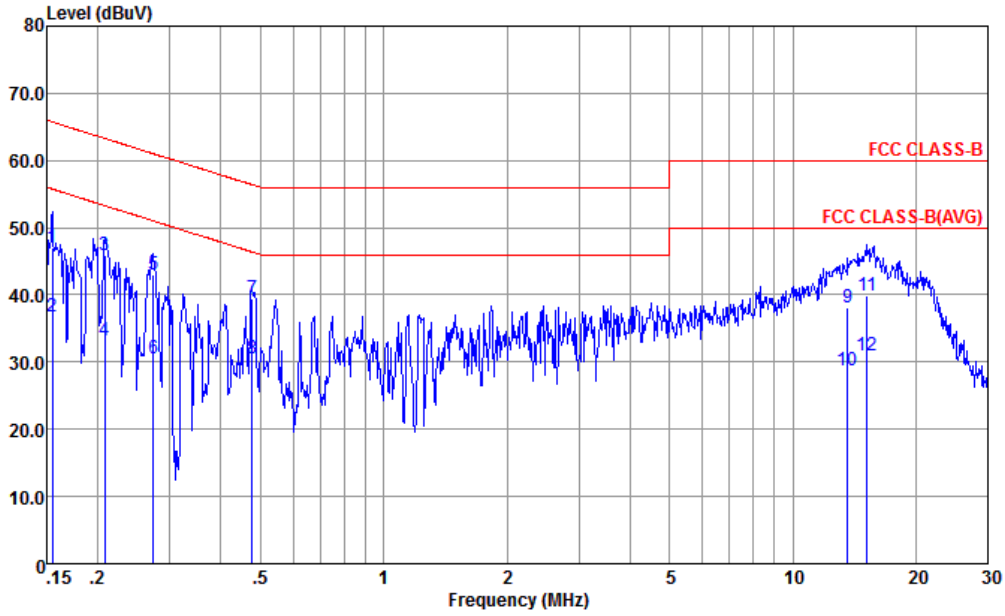
| Mode : | Mode 1 | Temperature : | 25.3~26.2℃ |
|---|---|---|---|
| Test Engineer : | Amos Zhang | Relative Humidity : | 38~40% |
| Test Voltage : | 120Vac / 60Hz | Phase : | Neutral |
| Remark : | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-KS
Condition : FCC CLASS-B LISN-060105-N NEUTRAL
Project : (FC) 1D0404
mode : Mode 1

| | | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 | | 0.161 | 46.36 | -19.07 | 65.43 | 35.80 | 0.11 | 10.45 | QP |
| 2 | | 0.161 | 30.16 | -25.27 | 55.43 | 19.60 | 0.11 | 10.45 | Average |
| 3 | * | 0.206 | 49.26 | -14.10 | 63.36 | 38.80 | 0.10 | 10.36 | QP |
| 4 | | 0.206 | 35.66 | -17.70 | 53.36 | 25.20 | 0.10 | 10.36 | Average |
| 5 | | 0.242 | 41.54 | -20.50 | 62.04 | 31.10 | 0.10 | 10.34 | QP |
| 6 | | 0.242 | 26.64 | -25.40 | 52.04 | 16.20 | 0.10 | 10.34 | Average |
| 7 | | 0.277 | 43.62 | -17.28 | 60.90 | 33.20 | 0.10 | 10.32 | QP |
| 8 | | 0.277 | 28.92 | -21.98 | 50.90 | 18.50 | 0.10 | 10.32 | Average |
| 9 | | 0.471 | 38.15 | -18.34 | 56.49 | 27.80 | 0.11 | 10.24 | QP |
| 10 | | 0.471 | 22.95 | -23.54 | 46.49 | 12.60 | 0.11 | 10.24 | Average |
| 11 | | 15.635 | 36.35 | -23.65 | 60.00 | 25.60 | 0.34 | 10.41 | QP |
| 12 | | 15.635 | 29.65 | -20.35 | 50.00 | 18.90 | 0.34 | 10.41 | Average |

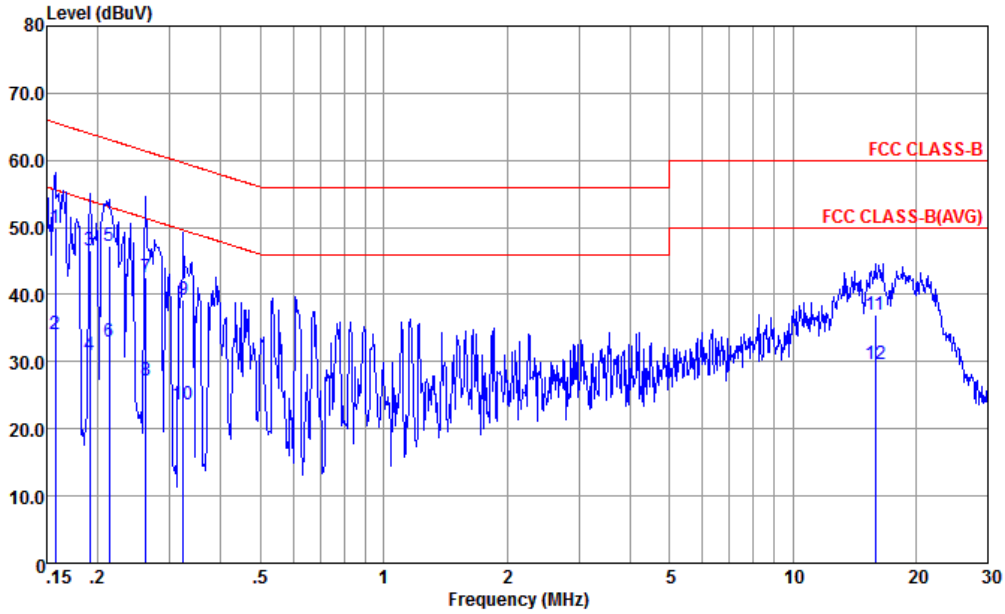
| Mode : | Mode 2 | Temperature : | 25.3~26.2℃ |
|---|---|---|---|
| Test Engineer : | Amos Zhang | Relative Humidity : | 38~40% |
| Test Voltage : | 120Vac / 60Hz | Phase : | Line |
| Remark : | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-KS
Condition : FCC CLASS-B LISN-060105-L LINE
Project : (FC) 1D0404
mode : Mode 2

| | | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 | | 0.155 | 47.09 | -18.65 | 65.74 | 36.60 | 0.02 | 10.47 | QP |
| 2 | | 0.155 | 36.79 | -18.95 | 55.74 | 26.30 | 0.02 | 10.47 | Average |
| 3 | | 0.208 | 46.00 | -17.27 | 63.27 | 35.60 | 0.04 | 10.36 | QP |
| 4 | | 0.208 | 33.30 | -19.97 | 53.27 | 22.90 | 0.04 | 10.36 | Average |
| 5 | | 0.273 | 42.98 | -18.05 | 61.03 | 32.60 | 0.06 | 10.32 | QP |
| 6 | | 0.273 | 30.58 | -20.45 | 51.03 | 20.20 | 0.06 | 10.32 | Average |
| 7 | | 0.476 | 39.54 | -16.87 | 56.41 | 29.20 | 0.10 | 10.24 | QP |
| 8 | * | 0.476 | 30.64 | -15.77 | 46.41 | 20.30 | 0.10 | 10.24 | Average |
| 9 | | 13.623 | 38.16 | -21.84 | 60.00 | 27.50 | 0.28 | 10.38 | QP |
| 10 | | 13.623 | 28.76 | -21.24 | 50.00 | 18.10 | 0.28 | 10.38 | Average |
| 11 | | 15.226 | 39.90 | -20.10 | 60.00 | 29.19 | 0.31 | 10.40 | QP |
| 12 | | 15.226 | 31.00 | -19.00 | 50.00 | 20.29 | 0.31 | 10.40 | Average |

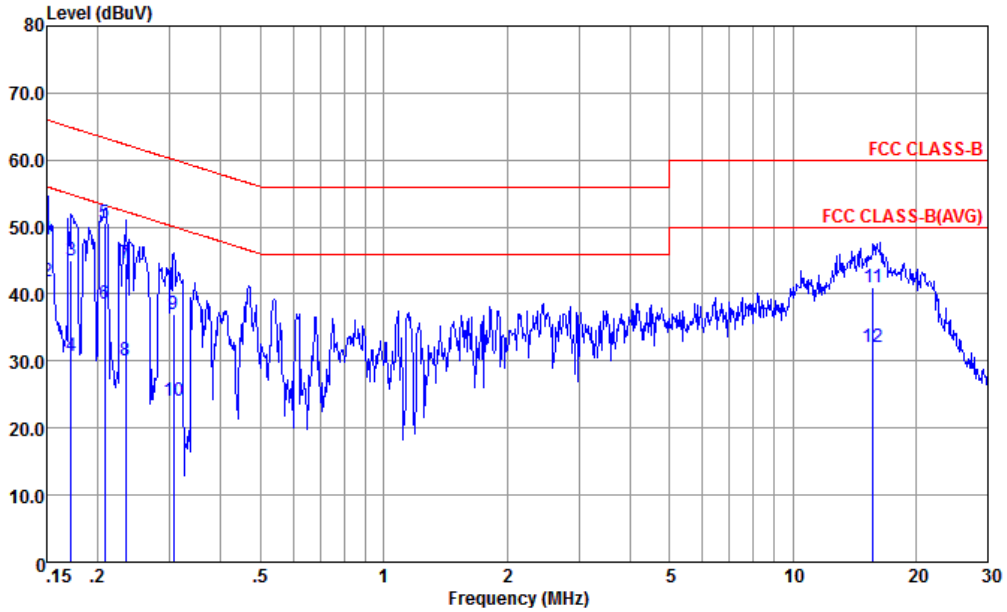
| Mode : | Mode 2 | Temperature : | 25.3~26.2℃ |
|---|---|---|---|
| Test Engineer : | Amos Zhang | Relative Humidity : | 38~40% |
| Test Voltage : | 120Vac / 60Hz | Phase : | Neutral |
| Remark : | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-KS
Condition : FCC CLASS-B LISN-060105-N NEUTRAL
Project : (FC) 1D0404
mode : Mode 2

| | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 * | 0.157 | 49.87 | -15.73 | 65.60 | 39.30 | 0.11 | 10.46 | QP |
| 2 | 0.157 | 34.17 | -21.43 | 55.60 | 23.60 | 0.11 | 10.46 | Average |
| 3 | 0.191 | 46.68 | -17.30 | 63.98 | 36.20 | 0.10 | 10.38 | QP |
| 4 | 0.191 | 31.08 | -22.90 | 53.98 | 20.60 | 0.10 | 10.38 | Average |
| 5 | 0.213 | 47.26 | -15.84 | 63.10 | 36.80 | 0.10 | 10.36 | QP |
| 6 | 0.213 | 32.96 | -20.14 | 53.10 | 22.50 | 0.10 | 10.36 | Average |
| 7 | 0.262 | 42.63 | -18.75 | 61.38 | 32.20 | 0.10 | 10.33 | QP |
| 8 | 0.262 | 27.23 | -24.15 | 51.38 | 16.80 | 0.10 | 10.33 | Average |
| 9 | 0.323 | 39.20 | -20.42 | 59.62 | 28.80 | 0.10 | 10.30 | QP |
| 10 | 0.323 | 23.60 | -26.02 | 49.62 | 13.20 | 0.10 | 10.30 | Average |
| 11 | 15.885 | 36.97 | -23.03 | 60.00 | 26.20 | 0.35 | 10.42 | QP |
| 12 | 15.885 | 29.67 | -20.33 | 50.00 | 18.90 | 0.35 | 10.42 | Average |

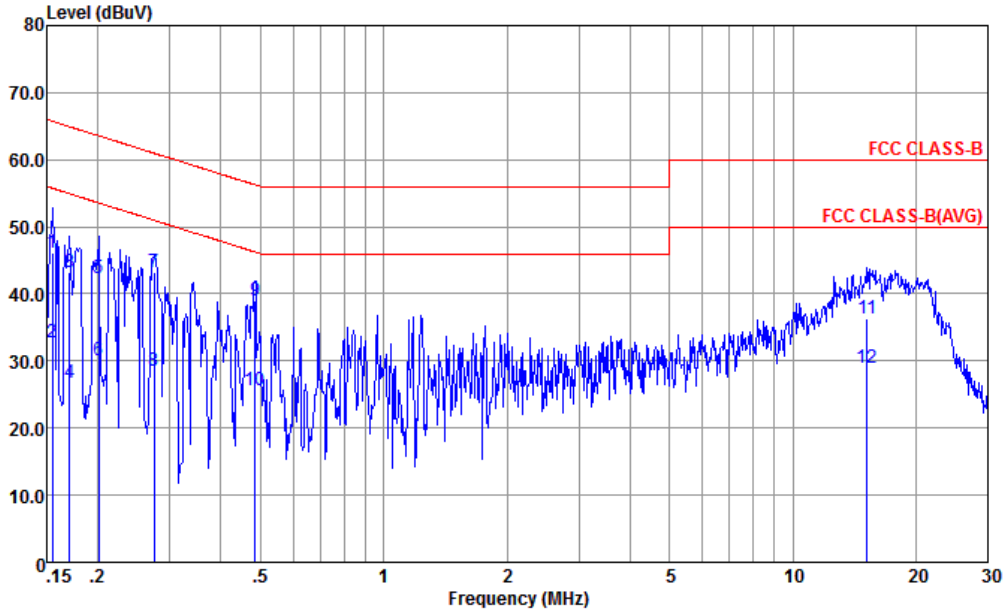
| Mode : | Mode 3 | Temperature : | 25.3~26.2℃ |
|---|---|---|---|
| Test Engineer : | Amos Zhang | Relative Humidity : | 38~40% |
| Test Voltage : | 120Vac / 60Hz | Phase : | Line |
| Remark : | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-KS
Condition : FCC CLASS-B LISN-060105-L LINE
Project : (FC) 1D0404
mode : Mode 3

| | | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 | | 0.150 | 48.10 | -17.90 | 66.00 | 37.60 | 0.02 | 10.48 | QP |
| 2 | | 0.150 | 42.00 | -14.00 | 56.00 | 31.50 | 0.02 | 10.48 | Average |
| 3 | | 0.172 | 45.05 | -19.81 | 64.86 | 34.60 | 0.03 | 10.42 | QP |
| 4 | | 0.172 | 30.75 | -24.11 | 54.86 | 20.30 | 0.03 | 10.42 | Average |
| 5 | * | 0.208 | 50.60 | -12.67 | 63.27 | 40.20 | 0.04 | 10.36 | QP |
| 6 | | 0.208 | 38.60 | -14.67 | 53.27 | 28.20 | 0.04 | 10.36 | Average |
| 7 | | 0.234 | 44.59 | -17.71 | 62.30 | 34.20 | 0.05 | 10.34 | QP |
| 8 | | 0.234 | 29.99 | -22.31 | 52.30 | 19.60 | 0.05 | 10.34 | Average |
| 9 | | 0.307 | 36.98 | -23.08 | 60.06 | 26.61 | 0.07 | 10.30 | QP |
| 10 | | 0.307 | 23.98 | -26.08 | 50.06 | 13.61 | 0.07 | 10.30 | Average |
| 11 | | 15.718 | 40.94 | -19.06 | 60.00 | 30.20 | 0.33 | 10.41 | QP |
| 12 | | 15.718 | 32.04 | -17.96 | 50.00 | 21.30 | 0.33 | 10.41 | Average |

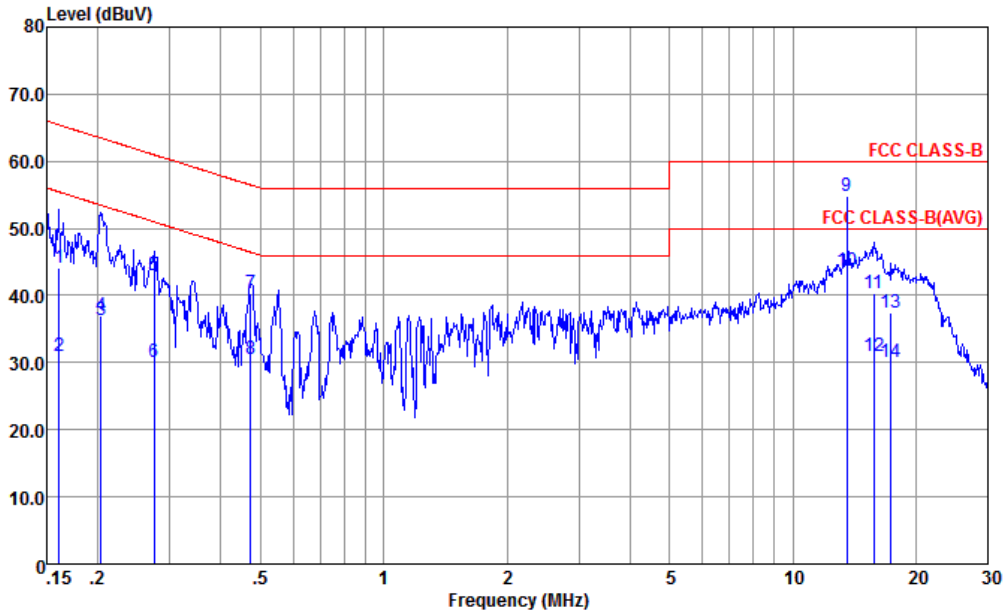
| Mode : | Mode 3 | Temperature : | 25.3~26.2℃ |
|---|---|---|---|
| Test Engineer : | Amos Zhang | Relative Humidity : | 38~40% |
| Test Voltage : | 120Vac / 60Hz | Phase : | Neutral |
| Remark : | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-KS
Condition : FCC CLASS-B LISN-060105-N NEUTRAL
Project : (FC) 1D0404
mode : Mode 3

| | | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 | | 0.155 | 46.07 | -19.67 | 65.74 | 35.49 | 0.11 | 10.47 | QP |
| 2 | | 0.155 | 32.67 | -23.07 | 55.74 | 22.09 | 0.11 | 10.47 | Average |
| 3 | | 0.170 | 43.13 | -21.81 | 64.94 | 32.59 | 0.11 | 10.43 | QP |
| 4 | | 0.170 | 26.63 | -28.31 | 54.94 | 16.09 | 0.11 | 10.43 | Average |
| 5 | | 0.201 | 42.36 | -21.22 | 63.58 | 31.90 | 0.10 | 10.36 | QP |
| 6 | | 0.201 | 30.06 | -23.52 | 53.58 | 19.60 | 0.10 | 10.36 | Average |
| 7 | | 0.274 | 43.22 | -17.76 | 60.98 | 32.80 | 0.10 | 10.32 | QP |
| 8 | | 0.274 | 28.62 | -22.36 | 50.98 | 18.20 | 0.10 | 10.32 | Average |
| 9 | * | 0.484 | 38.95 | -17.32 | 56.27 | 28.60 | 0.11 | 10.24 | QP |
| 10 | | 0.484 | 25.55 | -20.72 | 46.27 | 15.20 | 0.11 | 10.24 | Average |
| 11 | | 15.226 | 36.21 | -23.79 | 60.00 | 25.49 | 0.32 | 10.40 | QP |
| 12 | | 15.226 | 28.91 | -21.09 | 50.00 | 18.19 | 0.32 | 10.40 | Average |

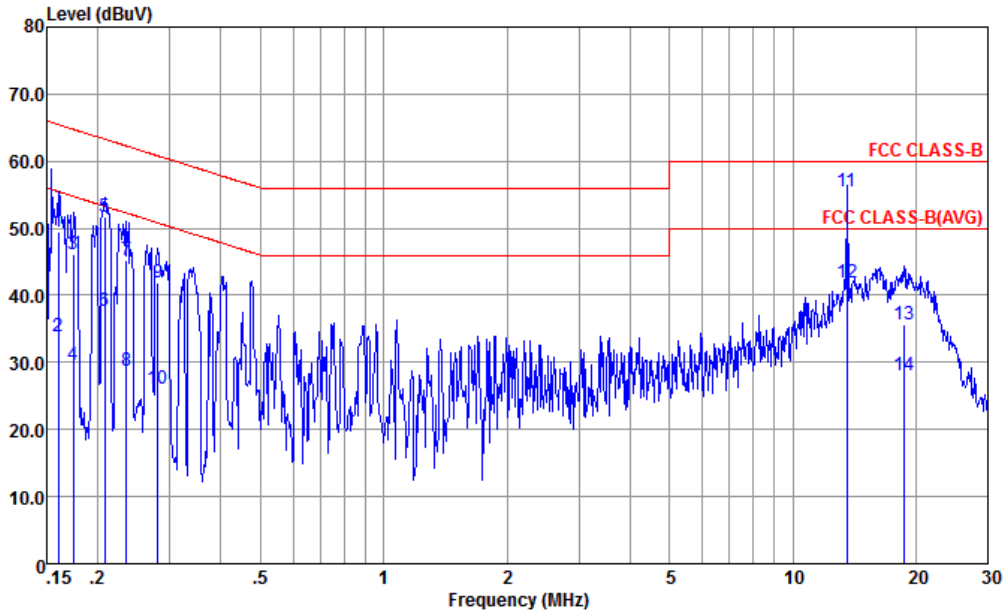
| Mode : | Mode 4 | Temperature : | 25.3~26.2℃ |
|---|---|---|---|
| Test Engineer : | Amos Zhang | Relative Humidity : | 38~40% |
| Test Voltage : | 120Vac / 60Hz | Phase : | Line |
| Remark : | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-KS
Condition : FCC CLASS-B LISN-060105-L LINE
Project : (FC) 1D0404
mode : Mode 4

| | | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 | | 0.161 | 44.08 | -21.35 | 65.43 | 33.61 | 0.02 | 10.45 | QP |
| 2 | | 0.161 | 31.08 | -24.35 | 55.43 | 20.61 | 0.02 | 10.45 | Average |
| 3 | | 0.204 | 36.40 | -27.05 | 63.45 | 26.00 | 0.04 | 10.36 | QP |
| 4 | | 0.204 | 36.90 | -16.55 | 53.45 | 26.50 | 0.04 | 10.36 | Average |
| 5 | | 0.274 | 42.98 | -18.00 | 60.98 | 32.60 | 0.06 | 10.32 | QP |
| 6 | | 0.274 | 29.98 | -21.00 | 50.98 | 19.60 | 0.06 | 10.32 | Average |
| 7 | | 0.474 | 40.24 | -16.21 | 56.45 | 29.90 | 0.10 | 10.24 | QP |
| 8 | | 0.474 | 30.54 | -15.91 | 46.45 | 20.20 | 0.10 | 10.24 | Average |
| 9 | * | 13.560 | 54.86 | -5.14 | 60.00 | 44.20 | 0.28 | 10.38 | QP |
| 10 | | 13.560 | 43.76 | -6.24 | 50.00 | 33.10 | 0.28 | 10.38 | Average |
| 11 | | 15.801 | 40.35 | -19.65 | 60.00 | 29.61 | 0.33 | 10.41 | QP |
| 12 | | 15.801 | 31.05 | -18.95 | 50.00 | 20.31 | 0.33 | 10.41 | Average |
| 13 | | 17.383 | 37.44 | -22.56 | 60.00 | 26.59 | 0.40 | 10.45 | QP |
| 14 | | 17.383 | 30.14 | -19.86 | 50.00 | 19.29 | 0.40 | 10.45 | Average |

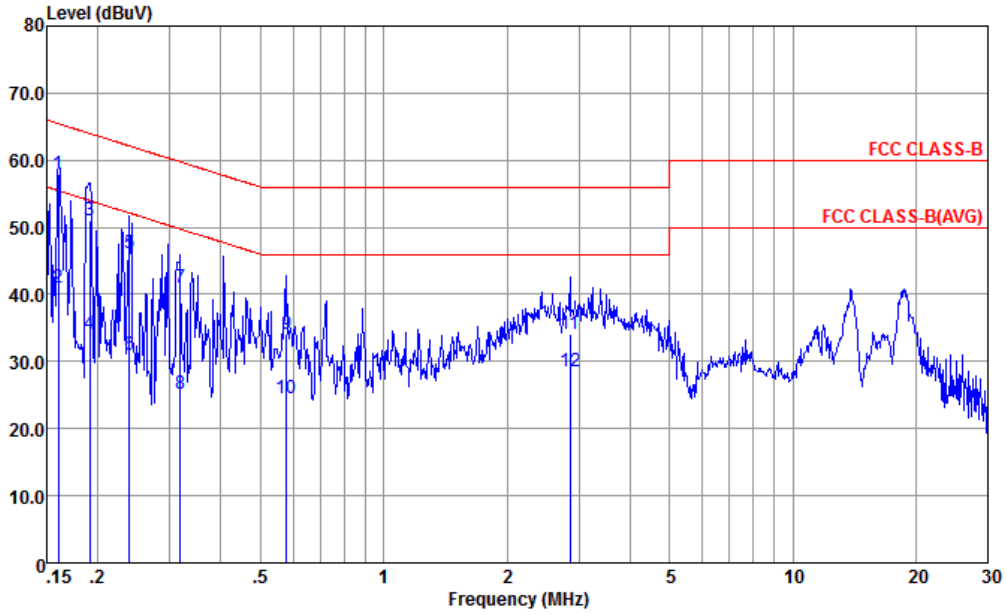
| | | | |
|---|---|---|---|
| **Mode :** | Mode 4 | **Temperature :** | 25.3~26.2℃ |
| **Test Engineer :** | Amos Zhang | **Relative Humidity :** | 38~40% |
| **Test Voltage :** | 120Vac / 60Hz | **Phase :** | Neutral |
| **Remark :** | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-KS
Condition : FCC CLASS-B LISN-060105-N NEUTRAL
Project : (FC) 1D0404
mode : Mode 4

| | | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 | | 0.160 | 49.46 | -16.01 | 65.47 | 38.90 | 0.11 | 10.45 | QP |
| 2 | | 0.160 | 33.76 | -21.71 | 55.47 | 23.20 | 0.11 | 10.45 | Average |
| 3 | | 0.174 | 46.13 | -18.64 | 64.77 | 35.61 | 0.10 | 10.42 | QP |
| 4 | | 0.174 | 29.73 | -25.04 | 54.77 | 19.21 | 0.10 | 10.42 | Average |
| 5 | | 0.208 | 51.66 | -11.61 | 63.27 | 41.20 | 0.10 | 10.36 | QP |
| 6 | | 0.208 | 37.66 | -15.61 | 53.27 | 27.20 | 0.10 | 10.36 | Average |
| 7 | | 0.235 | 45.24 | -17.02 | 62.26 | 34.80 | 0.10 | 10.34 | QP |
| 8 | | 0.235 | 28.64 | -23.62 | 52.26 | 18.20 | 0.10 | 10.34 | Average |
| 9 | | 0.280 | 41.92 | -18.89 | 60.81 | 31.50 | 0.10 | 10.32 | QP |
| 10 | | 0.280 | 26.02 | -24.79 | 50.81 | 15.60 | 0.10 | 10.32 | Average |
| 11 | * | 13.560 | 55.47 | -4.53 | 60.00 | 44.80 | 0.29 | 10.38 | QP |
| 12 | | 13.560 | 41.87 | -8.13 | 50.00 | 31.20 | 0.29 | 10.38 | Average |
| 13 | | 18.721 | 35.54 | -24.46 | 60.00 | 24.60 | 0.47 | 10.47 | QP |
| 14 | | 18.721 | 28.14 | -21.86 | 50.00 | 17.20 | 0.47 | 10.47 | Average |

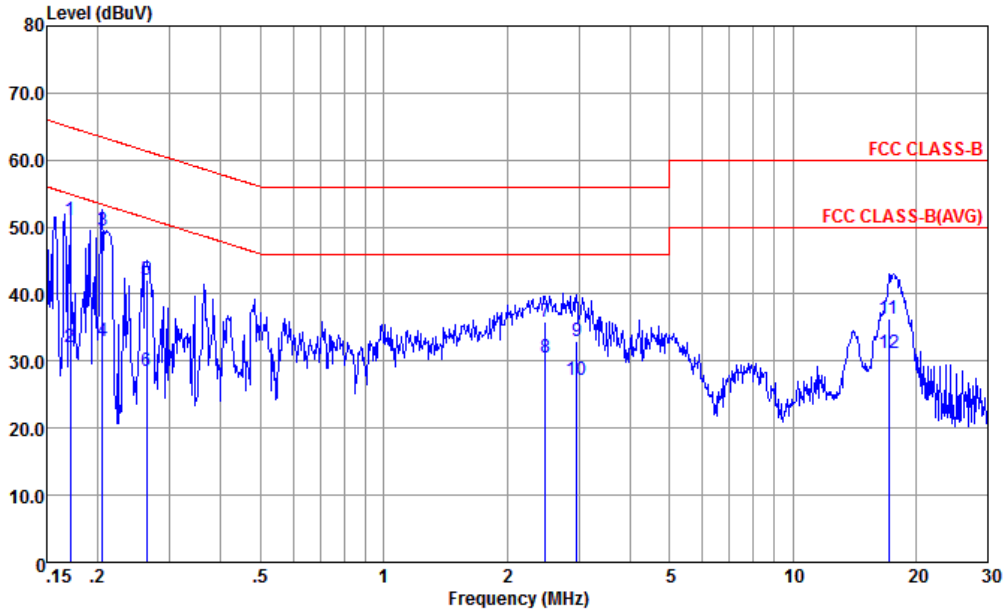
| Mode : | Mode 5 | Temperature : | 25.3~26.2℃ |
|---|---|---|---|
| Test Engineer : | Amos Zhang | Relative Humidity : | 38~40% |
| Test Voltage : | 120Vac / 60Hz | Phase : | Line |
| Remark : | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-KS
Condition : FCC CLASS-B LISN-060105-L LINE
Project : (FC) 1D0404
mode : Mode 5

| | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 * | 0.160 | 57.88 | -7.59 | 65.47 | 47.41 | 0.02 | 10.45 | QP |
| 2 | 0.160 | 41.08 | -14.39 | 55.47 | 30.61 | 0.02 | 10.45 | Average |
| 3 | 0.191 | 51.02 | -12.96 | 63.98 | 40.60 | 0.04 | 10.38 | QP |
| 4 | 0.191 | 34.02 | -19.96 | 53.98 | 23.60 | 0.04 | 10.38 | Average |
| 5 | 0.239 | 46.19 | -15.94 | 62.13 | 35.80 | 0.05 | 10.34 | QP |
| 6 | 0.239 | 30.99 | -21.14 | 52.13 | 20.60 | 0.05 | 10.34 | Average |
| 7 | 0.318 | 40.97 | -18.78 | 59.75 | 30.60 | 0.07 | 10.30 | QP |
| 8 | 0.318 | 25.17 | -24.58 | 49.75 | 14.80 | 0.07 | 10.30 | Average |
| 9 | 0.579 | 34.14 | -21.86 | 56.00 | 23.80 | 0.10 | 10.24 | QP |
| 10 | 0.579 | 24.44 | -21.56 | 46.00 | 14.10 | 0.10 | 10.24 | Average |
| 11 | 2.854 | 33.99 | -22.01 | 56.00 | 23.60 | 0.15 | 10.24 | QP |
| 12 | 2.854 | 28.59 | -17.41 | 46.00 | 18.20 | 0.15 | 10.24 | Average |

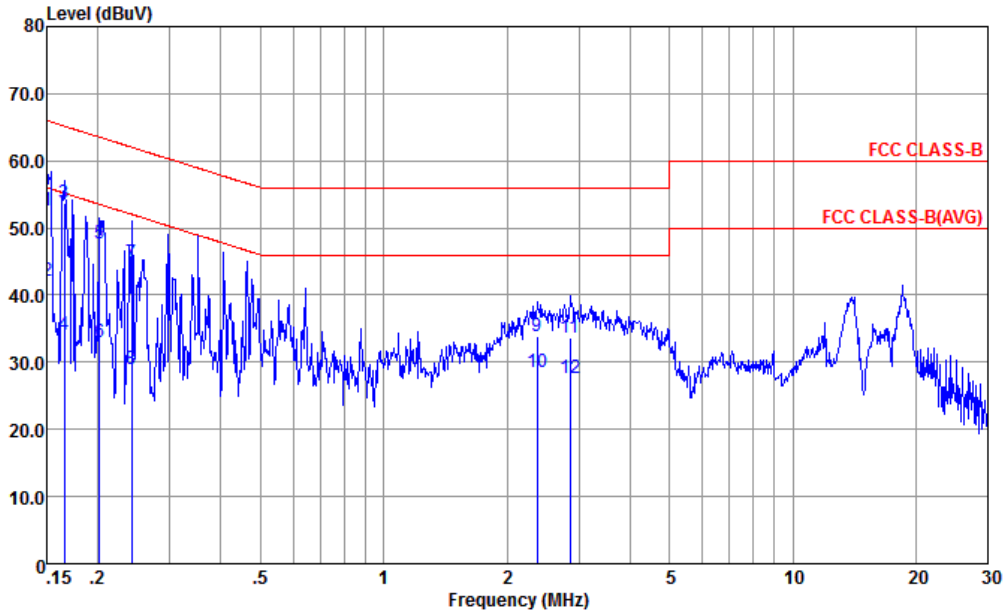
| | | | |
|---|---|---|---|
| **Mode :** | Mode 5 | **Temperature :** | 25.3~26.2℃ |
| **Test Engineer :** | Amos Zhang | **Relative Humidity :** | 38~40% |
| **Test Voltage :** | 120Vac / 60Hz | **Phase :** | Neutral |
| **Remark :** | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-KS
Condition : FCC CLASS-B LISN-060105-N NEUTRAL
Project : (FC) 1D0404
mode : Mode 5

| | | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 | * | 0.171 | 51.03 | -13.87 | 64.90 | 40.49 | 0.11 | 10.43 | QP |
| 2 | | 0.171 | 32.13 | -22.77 | 54.90 | 21.59 | 0.11 | 10.43 | Average |
| 3 | | 0.205 | 49.36 | -14.04 | 63.40 | 38.90 | 0.10 | 10.36 | QP |
| 4 | | 0.205 | 32.96 | -20.44 | 53.40 | 22.50 | 0.10 | 10.36 | Average |
| 5 | | 0.263 | 42.03 | -19.31 | 61.34 | 31.60 | 0.10 | 10.33 | QP |
| 6 | | 0.263 | 28.63 | -22.71 | 51.34 | 18.20 | 0.10 | 10.33 | Average |
| 7 | | 2.487 | 35.98 | -20.02 | 56.00 | 25.60 | 0.15 | 10.23 | QP |
| 8 | | 2.487 | 30.48 | -15.52 | 46.00 | 20.10 | 0.15 | 10.23 | Average |
| 9 | | 2.962 | 32.99 | -23.01 | 56.00 | 22.60 | 0.15 | 10.24 | QP |
| 10 | | 2.962 | 27.19 | -18.81 | 46.00 | 16.80 | 0.15 | 10.24 | Average |
| 11 | | 17.199 | 36.35 | -23.65 | 60.00 | 25.50 | 0.41 | 10.44 | QP |
| 12 | | 17.199 | 31.15 | -18.85 | 50.00 | 20.30 | 0.41 | 10.44 | Average |

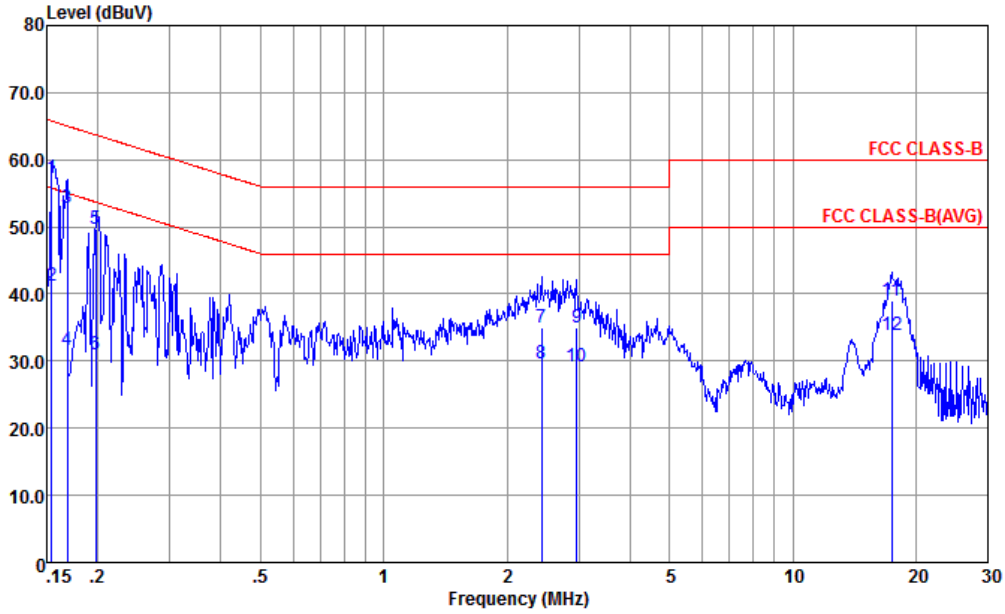
| | | | |
|---|---|---|---|
| **Mode :** | Mode 6 | **Temperature :** | 25.3~26.2℃ |
| **Test Engineer :** | Amos Zhang | **Relative Humidity :** | 38~40% |
| **Test Voltage :** | 120Vac / 60Hz | **Phase :** | Line |
| **Remark :** | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-KS
Condition : FCC CLASS-B LISN-060105-L LINE
Project : (FC) 1D0404
mode : Mode 6

| | | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 | | 0.150 | 52.70 | -13.30 | 66.00 | 42.20 | 0.02 | 10.48 | QP |
| 2 | | 0.150 | 42.10 | -13.90 | 56.00 | 31.60 | 0.02 | 10.48 | Average |
| 3 | * | 0.166 | 53.77 | -11.39 | 65.16 | 43.30 | 0.03 | 10.44 | QP |
| 4 | | 0.166 | 34.07 | -21.09 | 55.16 | 23.60 | 0.03 | 10.44 | Average |
| 5 | | 0.202 | 47.60 | -15.94 | 63.54 | 37.20 | 0.04 | 10.36 | QP |
| 6 | | 0.202 | 33.00 | -20.54 | 53.54 | 22.60 | 0.04 | 10.36 | Average |
| 7 | | 0.242 | 44.89 | -17.15 | 62.04 | 34.50 | 0.05 | 10.34 | QP |
| 8 | | 0.242 | 28.89 | -23.15 | 52.04 | 18.50 | 0.05 | 10.34 | Average |
| 9 | | 2.371 | 33.88 | -22.12 | 56.00 | 23.51 | 0.14 | 10.23 | QP |
| 10 | | 2.371 | 28.58 | -17.42 | 46.00 | 18.21 | 0.14 | 10.23 | Average |
| 11 | | 2.854 | 33.59 | -22.41 | 56.00 | 23.20 | 0.15 | 10.24 | QP |
| 12 | | 2.854 | 27.59 | -18.41 | 46.00 | 17.20 | 0.15 | 10.24 | Average |

| Mode : | Mode 6 | Temperature : | 25.3~26.2℃ |
|---|---|---|---|
| Test Engineer : | Amos Zhang | Relative Humidity : | 38~40% |
| Test Voltage : | 120Vac / 60Hz | Phase : | Neutral |
| Remark : | All emissions not reported here are more than 10 dB below the prescribed limit. | | |




Site : CO01-KS
Condition : FCC CLASS-B LISN-060105-N NEUTRAL
Project : (FC) 1D0404
mode : Mode 6

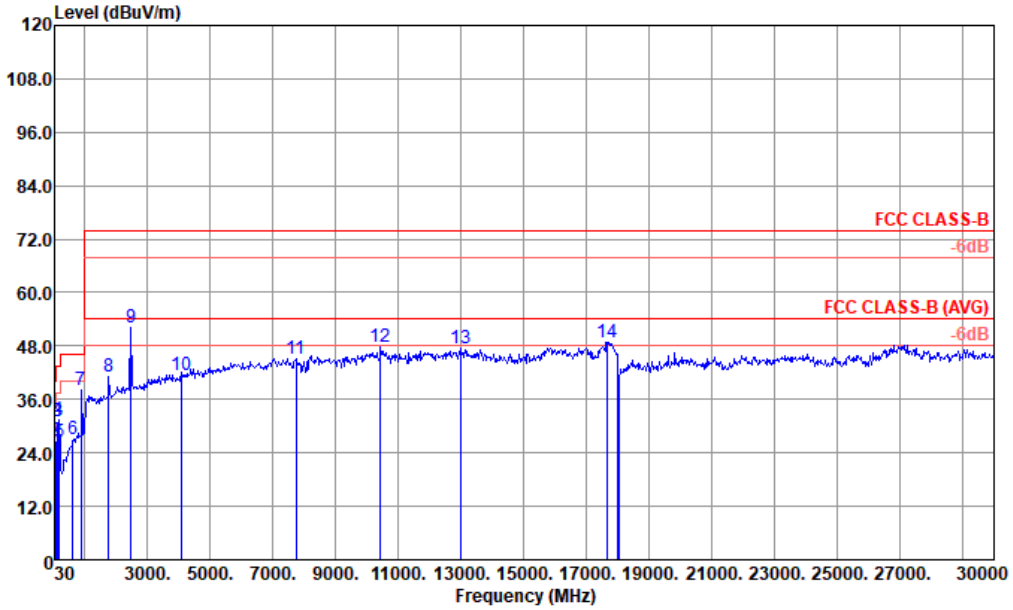
| | | Freq | Level | Over Limit | Limit Line | Read Level | LISN Factor | Cable Loss | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | dB | |
| 1 | * | 0.154 | 57.18 | -8.60 | 65.78 | 46.60 | 0.11 | 10.47 | QP |
| 2 | | 0.154 | 41.18 | -14.60 | 55.78 | 30.60 | 0.11 | 10.47 | Average |
| 3 | | 0.169 | 52.74 | -12.29 | 65.03 | 42.20 | 0.11 | 10.43 | QP |
| 4 | | 0.169 | 31.74 | -23.29 | 55.03 | 21.20 | 0.11 | 10.43 | Average |
| 5 | | 0.198 | 49.67 | -14.04 | 63.71 | 39.20 | 0.10 | 10.37 | QP |
| 6 | | 0.198 | 31.07 | -22.64 | 53.71 | 20.60 | 0.10 | 10.37 | Average |
| 7 | | 2.435 | 34.98 | -21.02 | 56.00 | 24.61 | 0.14 | 10.23 | QP |
| 8 | | 2.435 | 29.58 | -16.42 | 46.00 | 19.21 | 0.14 | 10.23 | Average |
| 9 | | 2.962 | 34.99 | -21.01 | 56.00 | 24.60 | 0.15 | 10.24 | QP |
| 10 | | 2.962 | 29.29 | -16.71 | 46.00 | 18.90 | 0.15 | 10.24 | Average |
| 11 | | 17.475 | 38.96 | -21.04 | 60.00 | 28.09 | 0.42 | 10.45 | QP |
| 12 | | 17.475 | 33.76 | -16.24 | 50.00 | 22.89 | 0.42 | 10.45 | Average |

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

# Appendix B. Radiated Emission Test Result

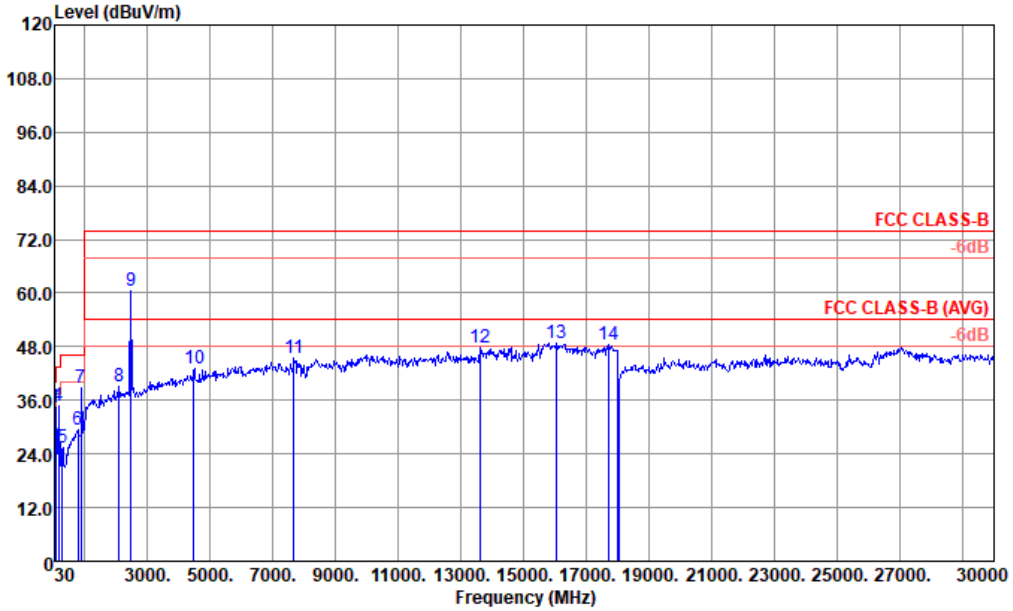
| | | | |
|---|---|---|---|
| **Mode :** | Mode 1 | **Temperature :** | 21~22°C |
| **Test Engineer :** | Carl Ni | **Relative Humidity :** | 41~42% |
| **Test Distance :** | 3m | **Polarization :** | Horizontal |
| **Remark :** | #6 is system simulator signal which can be ignored.<br>#9 is RF signal which comes from Bluetooth/WLAN Access Point used to connect the EUT, and which can be ignored. | | |




Site : 03CH06-KS
Condition : FCC CLASS-B 3m CBL6111D SN23188 HORIZONTAL
Project : (FC]1D0404
Mode : 1

| | Freq | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 | 30.97 | 22.19 | -17.81 | 40.00 | 28.26 | 24.59 | 0.59 | 31.25 | --- | --- | Peak |
| 2 | 98.87 | 26.66 | -16.84 | 43.50 | 39.70 | 17.22 | 1.62 | 31.88 | --- | --- | Peak |
| 3 | 143.49 | 31.10 | -12.40 | 43.50 | 43.85 | 16.71 | 1.93 | 31.39 | --- | --- | Peak |
| 4 | 156.10 | 31.27 | -12.23 | 43.50 | 44.12 | 16.46 | 2.01 | 31.32 | --- | --- | Peak |
| 5 | 188.11 | 26.30 | -17.20 | 43.50 | 39.70 | 15.72 | 2.22 | 31.34 | --- | --- | Peak |
| 6 | 619.76 | 27.23 | -18.77 | 46.00 | 29.28 | 25.18 | 4.05 | 31.28 | --- | --- | Peak |
| 7 | 881.66 | 38.22 | | | 37.89 | 26.70 | 4.84 | 31.21 | --- | --- | Peak |
| 8 | 1748.00 | 41.03 | -32.97 | 74.00 | 65.69 | 29.10 | 6.12 | 59.88 | --- | --- | Peak |
| 9 | 2462.00 | 52.00 | | | 73.45 | 31.10 | 7.25 | 59.80 | --- | --- | Peak |
| 10 | 4060.00 | 41.47 | -32.53 | 74.00 | 58.25 | 33.75 | 9.41 | 59.94 | --- | --- | Peak |
| 11 | 7732.00 | 45.13 | -28.87 | 74.00 | 55.83 | 36.73 | 13.16 | 60.59 | --- | --- | Peak |
| 12 | 10435.00 | 47.92 | -26.08 | 74.00 | 54.82 | 38.34 | 15.42 | 60.66 | --- | --- | Peak |
| 13 | 12968.00 | 47.58 | -26.42 | 74.00 | 50.77 | 39.64 | 17.27 | 60.10 | --- | --- | Peak |
| 14 | 17643.00 | 48.91 | -25.09 | 74.00 | 43.22 | 42.40 | 20.70 | 57.41 | --- | --- | Peak |

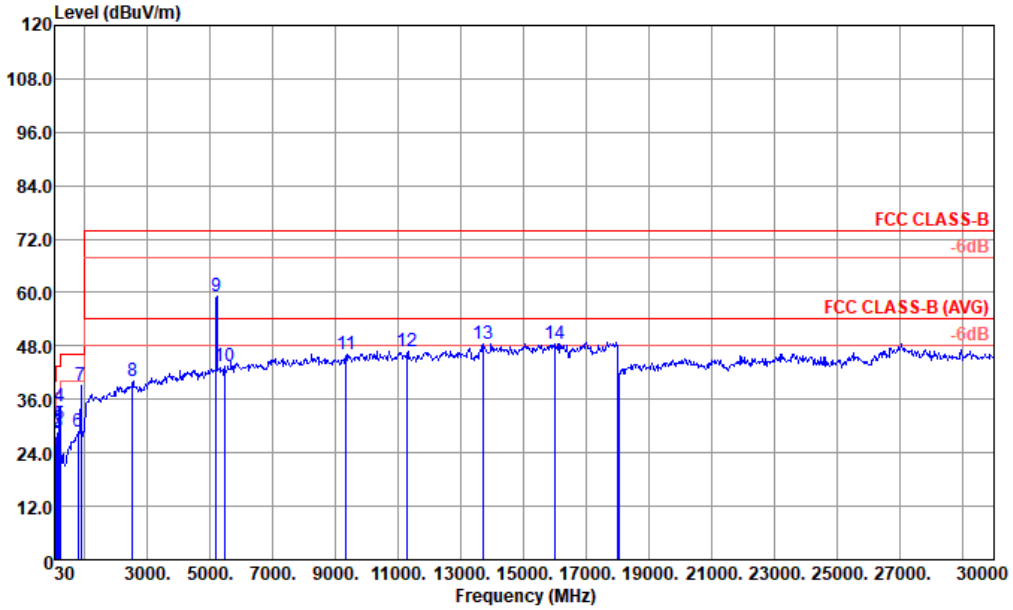
| | | | |
|---|---|---|---|
| **Mode :** | Mode 1 | **Temperature :** | 21~22°C |
| **Test Engineer :** | Carl Ni | **Relative Humidity :** | 41~42% |
| **Test Distance :** | 3m | **Polarization :** | Vertical |
| **Remark :** | #7 is system simulator signal which can be ignored.<br>#9 is RF signals which come from Bluetooth/WLAN Access Point used to connect the EUT, and which can be ignored. | | |




Site : 03CH06-KS
Condition : FCC CLASS-B 3m CBL6111D SN23188 VERTICAL
Project : (FC)1D0404
Mode : 1

| | | Freq | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 | ! | 41.64 | 34.53 | -5.47 | 40.00 | 46.57 | 18.86 | 0.75 | 31.65 | 100 | 262 | Peak |
| 2 | | 76.56 | 25.65 | -14.35 | 40.00 | 42.52 | 13.71 | 1.27 | 31.85 | --- | --- | Peak |
| 3 | | 97.90 | 23.96 | -19.54 | 43.50 | 36.57 | 17.68 | 1.60 | 31.89 | --- | --- | Peak |
| 4 | | 153.19 | 34.65 | -8.85 | 43.50 | 46.55 | 17.43 | 1.99 | 31.32 | --- | --- | Peak |
| 5 | | 276.38 | 25.45 | -20.55 | 46.00 | 34.45 | 19.82 | 2.69 | 31.51 | --- | --- | Peak |
| 6 | | 781.75 | 29.45 | -16.55 | 46.00 | 29.34 | 26.75 | 4.55 | 31.19 | --- | --- | Peak |
| 7 | | 881.66 | 38.66 | | | 37.70 | 27.33 | 4.84 | 31.21 | --- | --- | Peak |
| 8 | | 2088.00 | 39.10 | -34.90 | 74.00 | 61.85 | 30.12 | 6.66 | 59.53 | --- | --- | Peak |
| 9 | | 2462.00 | 60.63 | | | 82.08 | 31.10 | 7.25 | 59.80 | --- | --- | Peak |
| 10 | | 4485.00 | 43.13 | -30.87 | 74.00 | 59.37 | 34.00 | 9.86 | 60.10 | --- | --- | Peak |
| 11 | | 7664.00 | 45.33 | -28.67 | 74.00 | 56.12 | 36.69 | 13.10 | 60.58 | --- | --- | Peak |
| 12 | | 13614.00 | 47.93 | -26.07 | 74.00 | 50.28 | 40.00 | 17.75 | 60.10 | --- | --- | Peak |
| 13 | | 16045.00 | 48.74 | -25.26 | 74.00 | 46.88 | 41.79 | 19.65 | 59.58 | --- | --- | Peak |
| 14 | | 17711.00 | 48.55 | -25.45 | 74.00 | 42.64 | 42.50 | 20.74 | 57.33 | --- | --- | Peak |

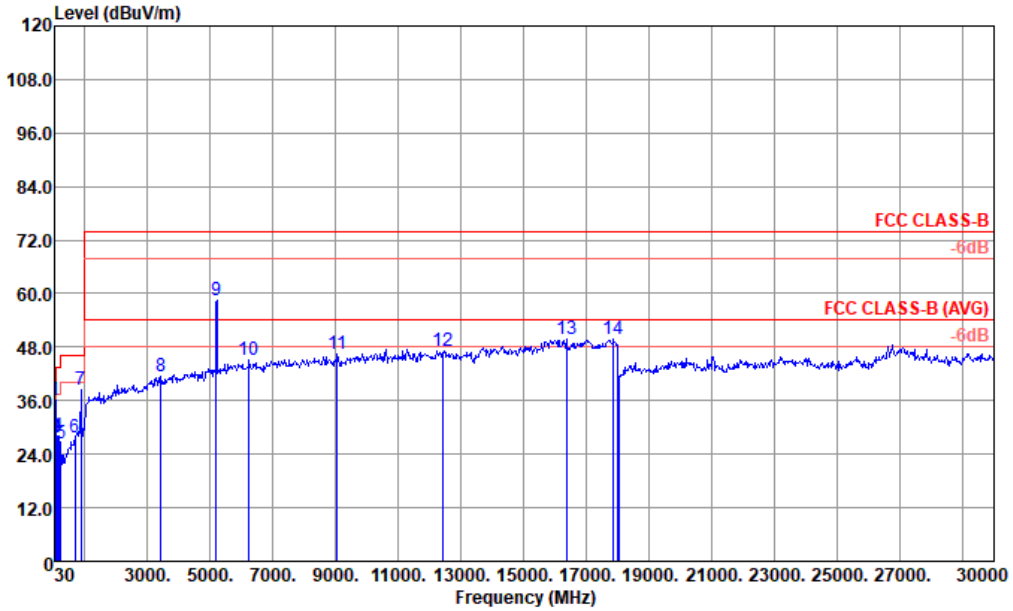
| Mode : | Mode 2 | Temperature : | 21~22°C |
|---|---|---|---|
| Test Engineer : | Carl Ni | Relative Humidity : | 41~42% |
| Test Distance : | 3m | Polarization : | Horizontal |
| Remark : | #7 is system simulator signal which can be ignored.<br>#9 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored. | | |




Site : 03CH06-KS
Condition : FCC CLASS-B 3m CBL6111D SN23188 HORIZONTAL
Project : (FC)1D0404
Mode : 2

| | Freq | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 | 75.59 | 23.26 | -16.74 | 40.00 | 40.85 | 13.01 | 1.26 | 31.86 | --- | --- | Peak |
| 2 | 107.60 | 28.53 | -14.97 | 43.50 | 41.34 | 17.28 | 1.69 | 31.78 | --- | --- | Peak |
| 3 | 147.37 | 28.69 | -14.81 | 43.50 | 41.44 | 16.65 | 1.95 | 31.35 | --- | --- | Peak |
| 4 | 174.53 | 34.59 | -8.91 | 43.50 | 47.75 | 16.04 | 2.13 | 31.33 | --- | --- | Peak |
| 5 | 199.75 | 30.50 | -13.00 | 43.50 | 44.09 | 15.45 | 2.30 | 31.34 | --- | --- | Peak |
| 6 | 781.75 | 28.61 | -17.39 | 46.00 | 29.31 | 25.94 | 4.55 | 31.19 | --- | --- | Peak |
| 7 | 870.99 | 39.22 | | | 38.97 | 26.69 | 4.81 | 31.25 | --- | --- | Peak |
| 8 | 2530.00 | 40.15 | -33.85 | 74.00 | 61.28 | 31.19 | 7.34 | 59.66 | --- | --- | Peak |
| 9 | 5199.00 | 59.08 | | | 73.33 | 35.08 | 10.71 | 60.04 | --- | --- | Peak |
| 10 | 5454.00 | 43.35 | -30.65 | 74.00 | 57.25 | 35.32 | 10.89 | 60.11 | --- | --- | Peak |
| 11 | 9330.00 | 46.05 | -27.95 | 74.00 | 54.99 | 37.60 | 14.58 | 61.12 | --- | --- | Peak |
| 12 | 11285.00 | 46.70 | -27.30 | 74.00 | 52.44 | 38.63 | 16.11 | 60.48 | --- | --- | Peak |
| 13 | 13682.00 | 48.43 | -25.57 | 74.00 | 50.76 | 39.95 | 17.81 | 60.09 | --- | --- | Peak |
| 14 | 16011.00 | 48.58 | -25.42 | 74.00 | 46.78 | 41.80 | 19.63 | 59.63 | --- | --- | Peak |

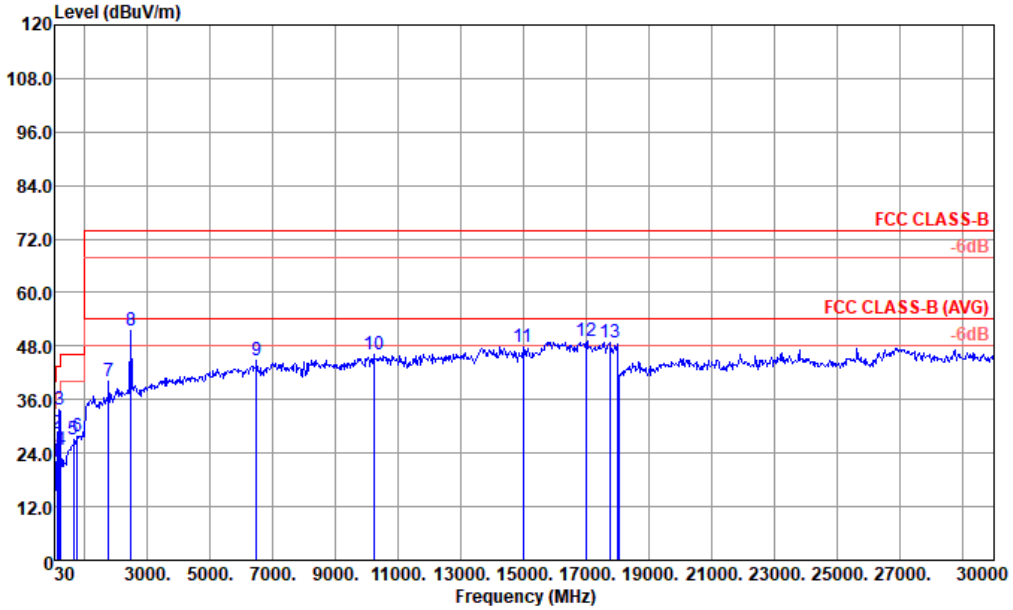
| | | | |
|---|---|---|---|
| **Mode :** | Mode 2 | **Temperature :** | 21~22°C |
| **Test Engineer :** | Carl Ni | **Relative Humidity :** | 41~42% |
| **Test Distance :** | 3m | **Polarization :** | Vertical |
| **Remark :** | #7 is system simulator signal which can be ignored.<br>#9 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored. | | |




Site : 03CH06-KS
Condition : FCC CLASS-B 3m CBL6111D SN23188 VERTICAL
Project : (FC]1D0404
Mode : 2

| | | Freq | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 | ! | 41.64 | 35.95 | -4.05 | 40.00 | 47.99 | 18.86 | 0.75 | 31.65 | 100 | 245 | Peak |
| 2 | | 75.59 | 28.07 | -11.93 | 40.00 | 45.03 | 13.64 | 1.26 | 31.86 | --- | --- | Peak |
| 3 | | 106.63 | 27.84 | -15.66 | 43.50 | 39.93 | 18.02 | 1.68 | 31.79 | --- | --- | Peak |
| 4 | | 151.25 | 27.99 | -15.51 | 43.50 | 39.85 | 17.48 | 1.98 | 31.32 | --- | --- | Peak |
| 5 | | 240.49 | 26.55 | -19.45 | 46.00 | 36.61 | 18.80 | 2.50 | 31.36 | --- | --- | Peak |
| 6 | | 686.69 | 27.88 | -18.12 | 46.00 | 29.07 | 25.75 | 4.26 | 31.20 | --- | --- | Peak |
| 7 | | 870.99 | 38.37 | | | 37.53 | 27.28 | 4.81 | 31.25 | --- | --- | Peak |
| 8 | | 3414.00 | 41.46 | -32.54 | 74.00 | 60.20 | 32.63 | 8.59 | 59.96 | --- | --- | Peak |
| 9 | | 5199.00 | 58.39 | | | 72.64 | 35.08 | 10.71 | 60.04 | --- | --- | Peak |
| 10 | | 6236.00 | 45.14 | -28.86 | 74.00 | 57.89 | 35.66 | 11.71 | 60.12 | --- | --- | Peak |
| 11 | | 9058.00 | 46.59 | -27.41 | 74.00 | 56.14 | 37.43 | 14.29 | 61.27 | --- | --- | Peak |
| 12 | | 12441.00 | 47.24 | -26.76 | 74.00 | 51.13 | 39.18 | 17.02 | 60.09 | --- | --- | Peak |
| 13 | | 16368.00 | 49.79 | -24.21 | 74.00 | 47.34 | 41.69 | 19.87 | 59.11 | --- | --- | Peak |
| 14 | | 17847.00 | 49.86 | -24.14 | 74.00 | 43.51 | 42.69 | 20.83 | 57.17 | --- | --- | Peak |

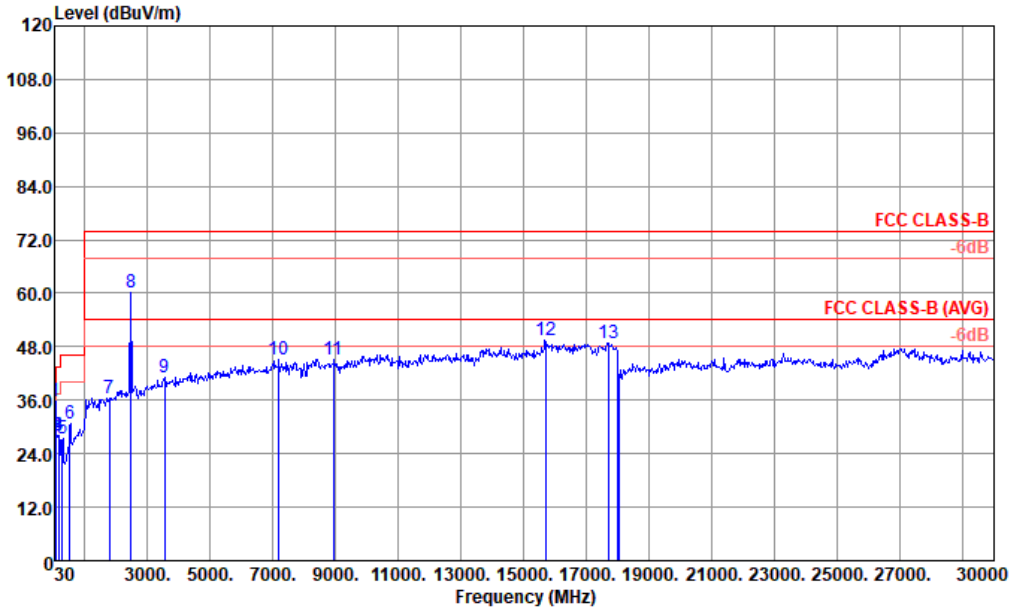
| Mode : | Mode 3 | Temperature : | 21~22°C |
|---|---|---|---|
| Test Engineer : | Carl Ni | Relative Humidity : | 41~42% |
| Test Distance : | 3m | Polarization : | Horizontal |
| Remark : | #8 is RF signals which come from Bluetooth/WLAN Access Point used to connect the EUT, and which can be ignored. | | |




Site : 03CH06-KS
Condition : FCC CLASS-B 3m CBL6111D SN23188 HORIZONTAL
Project : (FC)1D0404
Mode : 3

| | Freq | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 | 30.00 | 22.23 | -17.77 | 40.00 | 27.73 | 25.15 | 0.58 | 31.23 | --- | --- | Peak |
| 2 | 102.75 | 28.30 | -15.20 | 43.50 | 41.13 | 17.35 | 1.65 | 31.83 | --- | --- | Peak |
| 3 | 173.56 | 33.90 | -9.60 | 43.50 | 47.05 | 16.06 | 2.12 | 31.33 | --- | --- | Peak |
| 4 | 226.91 | 24.70 | -21.30 | 46.00 | 36.48 | 17.14 | 2.43 | 31.35 | --- | --- | Peak |
| 5 | 630.43 | 26.97 | -19.03 | 46.00 | 28.96 | 25.22 | 4.09 | 31.30 | --- | --- | Peak |
| 6 | 746.83 | 27.74 | -18.26 | 46.00 | 28.76 | 25.65 | 4.44 | 31.11 | --- | --- | Peak |
| 7 | 1748.00 | 40.27 | -33.73 | 74.00 | 64.93 | 29.10 | 6.12 | 59.88 | --- | --- | Peak |
| 8 | 2462.00 | 51.42 | | | 72.87 | 31.10 | 7.25 | 59.80 | --- | --- | Peak |
| 9 | 6474.00 | 44.63 | -29.37 | 74.00 | 57.19 | 35.57 | 11.99 | 60.12 | --- | --- | Peak |
| 10 | 10214.00 | 46.01 | -27.99 | 74.00 | 53.18 | 38.27 | 15.27 | 60.71 | --- | --- | Peak |
| 11 | 14974.00 | 47.91 | -26.09 | 74.00 | 49.40 | 39.80 | 18.73 | 60.02 | --- | --- | Peak |
| 12 | 17014.00 | 49.19 | -24.81 | 74.00 | 45.54 | 41.52 | 20.31 | 58.18 | --- | --- | Peak |
| 13 | 17762.00 | 48.93 | -25.07 | 74.00 | 42.86 | 42.57 | 20.77 | 57.27 | --- | --- | Peak |

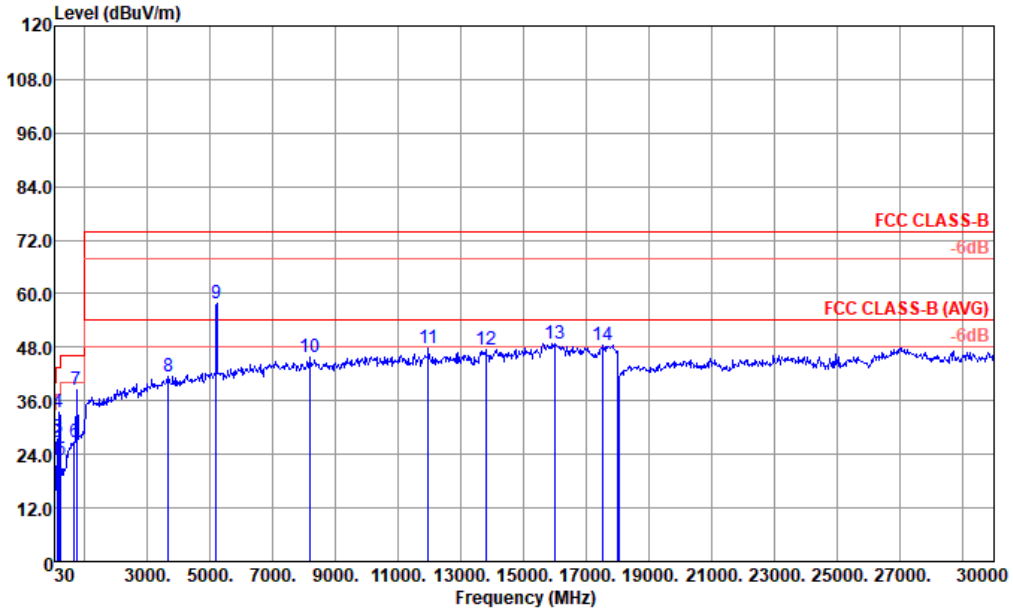
| Mode : | Mode 3 | Temperature : | 21~22°C |
|---|---|---|---|
| Test Engineer : | Carl Ni | Relative Humidity : | 41~42% |
| Test Distance : | 3m | Polarization : | Vertical |
| Remark : | #8 is RF signals which come from Bluetooth/WLAN Access Point used to connect the EUT, and which can be ignored. | | |




Site : 03CH06-KS
Condition : FCC CLASS-B 3m CBL6111D SN23188 VERTICAL
Project : [FC]1D0404
Mode : 3

| | | Freq | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 | ! | 41.64 | 35.73 | -4.27 | 40.00 | 47.77 | 18.86 | 0.75 | 31.65 | 100 | 252 | Peak |
| 2 | | 100.81 | 28.03 | -15.47 | 43.50 | 40.15 | 18.09 | 1.64 | 31.85 | --- | --- | Peak |
| 3 | | 151.25 | 28.22 | -15.28 | 43.50 | 40.08 | 17.48 | 1.98 | 31.32 | --- | --- | Peak |
| 4 | | 171.62 | 28.08 | -15.42 | 43.50 | 40.32 | 16.98 | 2.11 | 31.33 | --- | --- | Peak |
| 5 | | 281.23 | 27.41 | -18.59 | 46.00 | 36.34 | 19.90 | 2.71 | 31.54 | --- | --- | Peak |
| 6 | | 520.82 | 30.78 | -15.22 | 46.00 | 33.45 | 25.08 | 3.71 | 31.46 | --- | --- | Peak |
| 7 | | 1782.00 | 36.52 | -37.48 | 74.00 | 61.09 | 29.22 | 6.18 | 59.97 | --- | --- | Peak |
| 8 | | 2462.00 | 60.23 | | | 81.68 | 31.10 | 7.25 | 59.80 | --- | --- | Peak |
| 9 | | 3533.00 | 41.10 | -32.90 | 74.00 | 59.42 | 32.87 | 8.74 | 59.93 | --- | --- | Peak |
| 10 | | 7188.00 | 45.01 | -28.99 | 74.00 | 56.32 | 36.54 | 12.64 | 60.49 | --- | --- | Peak |
| 11 | | 8939.00 | 45.10 | -28.90 | 74.00 | 54.81 | 37.37 | 14.18 | 61.26 | --- | --- | Peak |
| 12 | | 15688.00 | 49.34 | -24.66 | 74.00 | 48.59 | 41.16 | 19.35 | 59.76 | --- | --- | Peak |
| 13 | | 17711.00 | 48.88 | -25.12 | 74.00 | 42.97 | 42.50 | 20.74 | 57.33 | --- | --- | Peak |

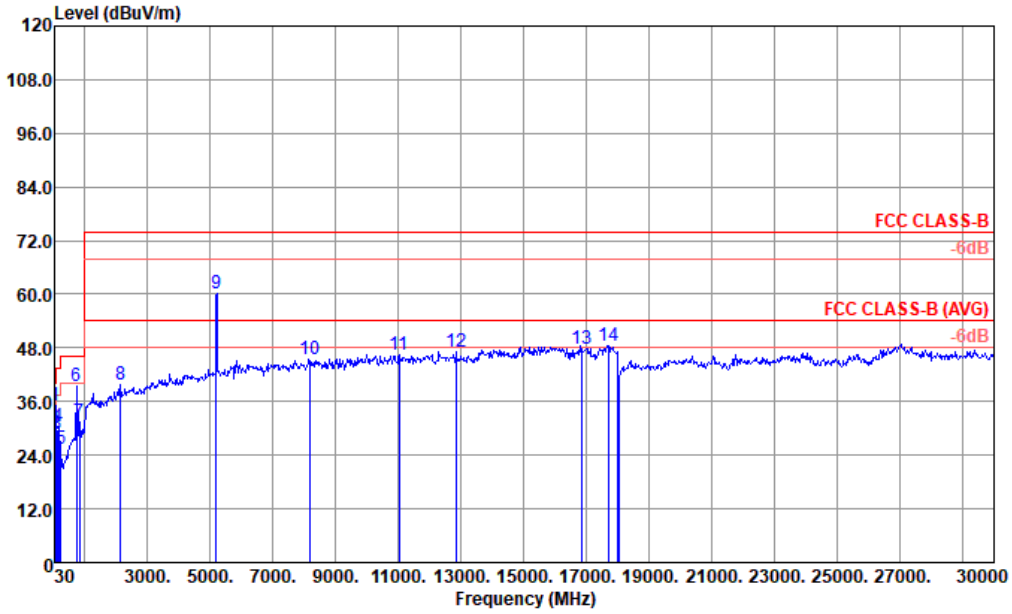
| Mode : | Mode 4 | Temperature : | 21~22°C |
|---|---|---|---|
| Test Engineer : | Carl Ni | Relative Humidity : | 41~42% |
| Test Distance : | 3m | Polarization : | Horizontal |
| Remark : | #7 is system simulator signal which can be ignored.<br>#9 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored. | | |




Site : 03CH06-KS
Condition : FCC CLASS-B 3m CBL6111D SN23188 HORIZONTAL
Project : (FC)1D0404
Mode : 4

| | Freq | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 | 30.00 | 22.79 | -17.21 | 40.00 | 28.29 | 25.15 | 0.58 | 31.23 | --- | --- | Peak |
| 2 | 107.60 | 26.76 | -16.74 | 43.50 | 39.57 | 17.28 | 1.69 | 31.78 | --- | --- | Peak |
| 3 | 148.34 | 27.73 | -15.77 | 43.50 | 40.48 | 16.63 | 1.96 | 31.34 | --- | --- | Peak |
| 4 | 170.65 | 33.52 | -9.98 | 43.50 | 46.61 | 16.13 | 2.11 | 31.33 | --- | --- | Peak |
| 5 | 229.82 | 22.78 | -23.22 | 46.00 | 34.36 | 17.32 | 2.45 | 31.35 | --- | --- | Peak |
| 6 | 673.11 | 26.90 | -19.10 | 46.00 | 28.72 | 25.20 | 4.22 | 31.24 | --- | --- | Peak |
| 7 | 741.01 | 38.56 | | | 39.68 | 25.58 | 4.42 | 31.12 | --- | --- | Peak |
| 8 | 3652.00 | 41.49 | -32.51 | 74.00 | 59.34 | 33.03 | 8.90 | 59.78 | --- | --- | Peak |
| 9 | 5199.00 | 57.81 | | | 72.06 | 35.08 | 10.71 | 60.04 | --- | --- | Peak |
| 10 | 8191.00 | 45.77 | -28.23 | 74.00 | 55.89 | 37.01 | 13.63 | 60.76 | --- | --- | Peak |
| 11 | 11948.00 | 47.75 | -26.25 | 74.00 | 52.32 | 38.79 | 16.76 | 60.12 | --- | --- | Peak |
| 12 | 13801.00 | 47.39 | -26.61 | 74.00 | 49.71 | 39.85 | 17.90 | 60.07 | --- | --- | Peak |
| 13 | 16011.00 | 48.88 | -25.12 | 74.00 | 47.08 | 41.80 | 19.63 | 59.63 | --- | --- | Peak |
| 14 | 17507.00 | 48.48 | -25.52 | 74.00 | 43.23 | 42.21 | 20.62 | 57.58 | --- | --- | Peak |

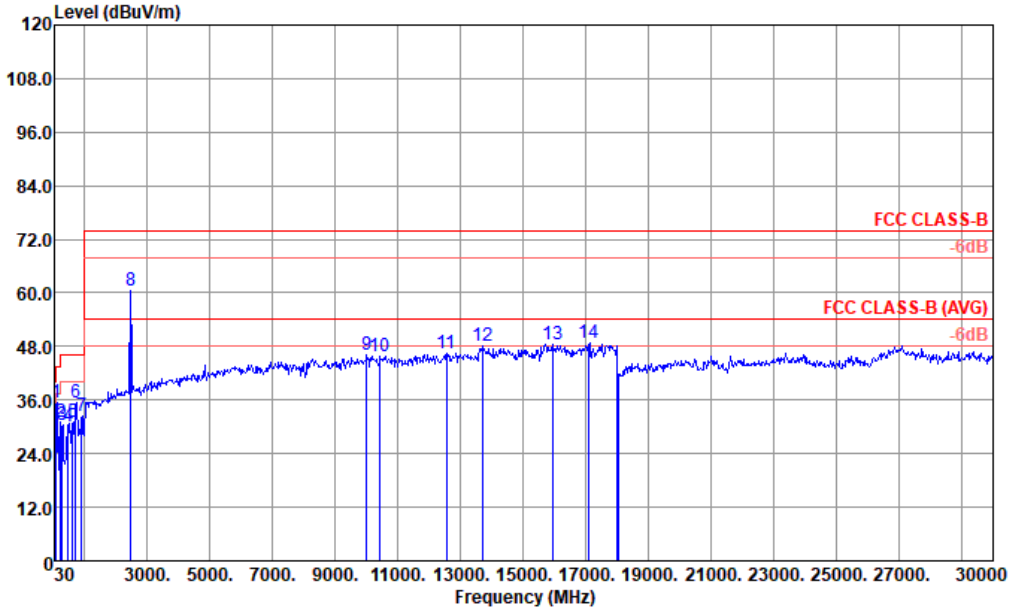
| Mode : | Mode 4 | Temperature : | 21~22°C |
|---|---|---|---|
| Test Engineer : | Carl Ni | Relative Humidity : | 41~42% |
| Test Distance : | 3m | Polarization : | Vertical |
| Remark : | #7 is system simulator signal which can be ignored.<br>#9 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored. | | |




Site : 03CH06-KS
Condition : FCC CLASS-B 3m CBL6111D SN23188 VERTICAL
Project : (FC)1D0404
Mode : 4

| | | Freq | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 | ! | 40.67 | 35.05 | -4.95 | 40.00 | 46.59 | 19.38 | 0.73 | 31.65 | 100 | 256 | Peak |
| 2 | | 58.13 | 29.15 | -10.85 | 40.00 | 45.93 | 13.72 | 1.00 | 31.50 | --- | --- | Peak |
| 3 | | 108.57 | 28.73 | -14.77 | 43.50 | 40.80 | 18.00 | 1.70 | 31.77 | --- | --- | Peak |
| 4 | | 150.28 | 30.52 | -12.98 | 43.50 | 42.37 | 17.50 | 1.97 | 31.32 | --- | --- | Peak |
| 5 | | 226.91 | 25.26 | -20.74 | 46.00 | 36.21 | 17.97 | 2.43 | 31.35 | --- | --- | Peak |
| 6 | | 741.01 | 39.36 | | | 39.70 | 26.36 | 4.42 | 31.12 | --- | --- | Peak |
| 7 | | 831.22 | 31.53 | -14.47 | 46.00 | 31.03 | 27.09 | 4.70 | 31.29 | --- | --- | Peak |
| 8 | | 2139.00 | 39.65 | -34.35 | 74.00 | 62.37 | 30.20 | 6.74 | 59.66 | --- | --- | Peak |
| 9 | | 5199.00 | 60.10 | | | 74.35 | 35.08 | 10.71 | 60.04 | --- | --- | Peak |
| 10 | | 8157.00 | 45.59 | -28.41 | 74.00 | 55.76 | 36.99 | 13.58 | 60.74 | --- | --- | Peak |
| 11 | | 11030.00 | 46.61 | -27.39 | 74.00 | 52.75 | 38.54 | 15.85 | 60.53 | --- | --- | Peak |
| 12 | | 12832.00 | 47.28 | -26.72 | 74.00 | 50.65 | 39.52 | 17.21 | 60.10 | --- | --- | Peak |
| 13 | | 16844.00 | 47.92 | -26.08 | 74.00 | 44.59 | 41.55 | 20.20 | 58.42 | --- | --- | Peak |
| 14 | | 17694.00 | 48.55 | -25.45 | 74.00 | 42.70 | 42.47 | 20.73 | 57.35 | --- | --- | Peak |

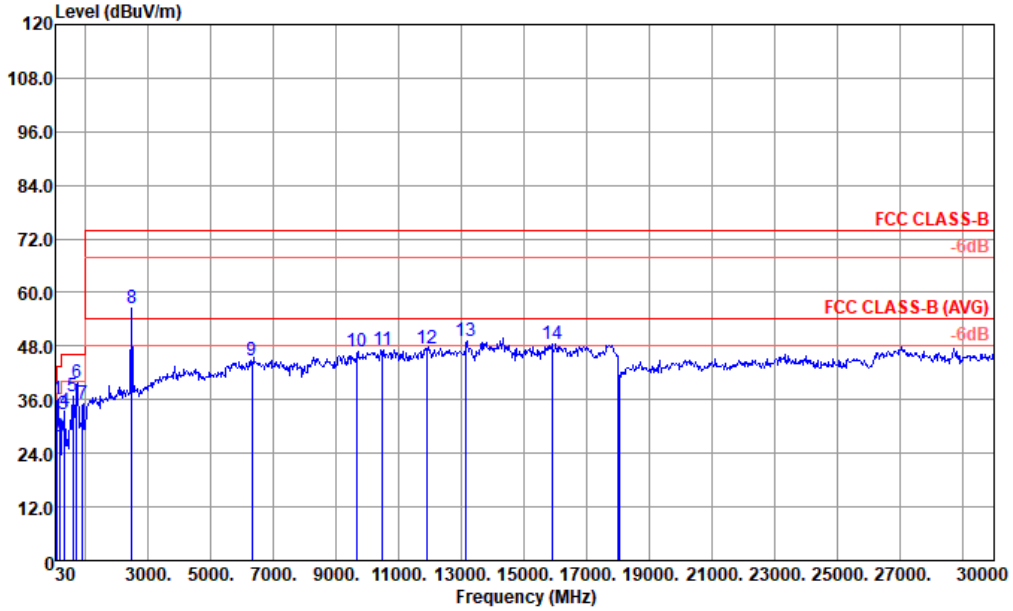
| Mode : | Mode 5 | Temperature : | 21~22°C |
|---|---|---|---|
| Test Engineer : | Carl Ni | Relative Humidity : | 41~42% |
| Test Distance : | 3m | Polarization : | Horizontal |
| Remark : | #8 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored. | | |




Site : 03CH06-KS
Condition : FCC CLASS-B 3m CBL6111DSN23188 HORIZONTAL

| | Freq | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phas |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | | |
| 1 | 88.20 | 35.28 | -8.22 | 43.50 | 50.60 | 15.03 | 1.45 | 31.80 | --- | --- | Peak | HORIZONT |
| 2 | 239.52 | 31.25 | -14.75 | 46.00 | 42.19 | 17.92 | 2.50 | 31.36 | --- | --- | Peak | HORIZONT |
| 3 | 275.41 | 30.40 | -15.60 | 46.00 | 40.33 | 18.89 | 2.68 | 31.50 | --- | --- | Peak | HORIZONT |
| 4 | 466.50 | 30.15 | -15.85 | 46.00 | 34.85 | 23.07 | 3.51 | 31.28 | --- | --- | Peak | HORIZONT |
| 5 | 607.15 | 30.95 | -15.05 | 46.00 | 33.08 | 25.13 | 4.01 | 31.27 | --- | --- | Peak | HORIZONT |
| 6 | 719.67 | 35.47 | -10.53 | 46.00 | 36.91 | 25.33 | 4.36 | 31.13 | --- | --- | Peak | HORIZONT |
| 7 | 900.09 | 32.27 | -13.73 | 46.00 | 31.83 | 26.70 | 4.89 | 31.15 | --- | --- | Peak | HORIZONT |
| 8 | 2462.00 | 60.38 | | | 81.83 | 31.10 | 7.25 | 59.80 | --- | --- | Peak | HORIZONT |
| 9 | 10010.00 | 46.06 | -27.94 | 74.00 | 53.50 | 38.20 | 15.12 | 60.76 | --- | --- | Peak | HORIZONT |
| 10 | 10435.00 | 45.91 | -28.09 | 74.00 | 52.81 | 38.34 | 15.42 | 60.66 | --- | --- | Peak | HORIZONT |
| 11 | 12543.00 | 46.40 | -27.60 | 74.00 | 50.15 | 39.27 | 17.07 | 60.09 | --- | --- | Peak | HORIZONT |
| 12 | 13682.00 | 48.01 | -25.99 | 74.00 | 50.34 | 39.95 | 17.81 | 60.09 | --- | --- | Peak | HORIZONT |
| 13 | 15943.00 | 48.59 | -25.41 | 74.00 | 47.02 | 41.66 | 19.58 | 59.67 | --- | --- | Peak | HORIZONT |
| 14 | 17099.00 | 48.72 | -25.28 | 74.00 | 44.80 | 41.64 | 20.36 | 58.08 | --- | --- | Peak | HORIZONT |

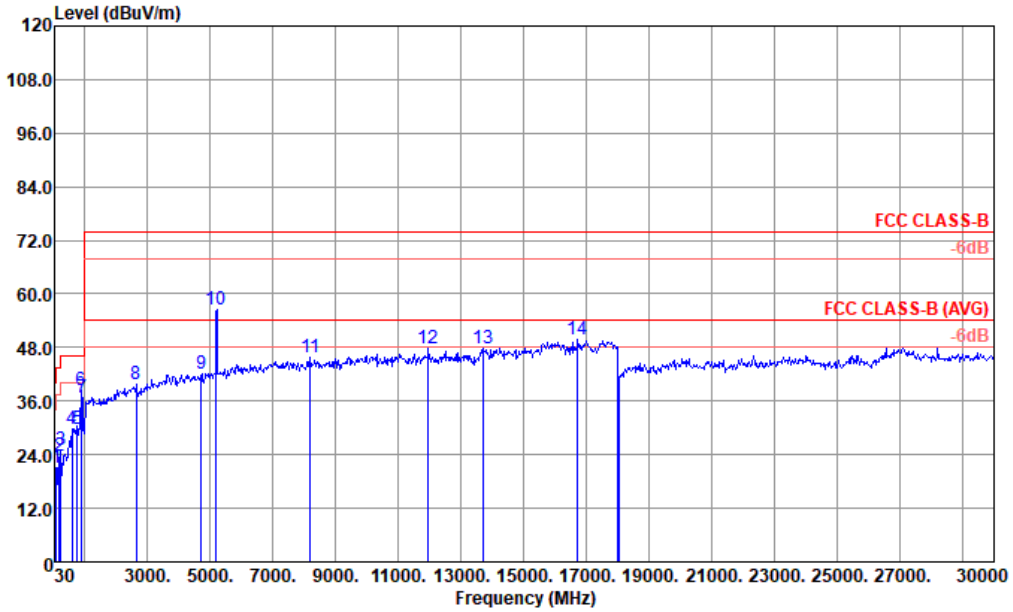
| Mode : | Mode 5 | Temperature : | 21~22°C |
|---|---|---|---|
| Test Engineer : | Carl Ni | Relative Humidity : | 41~42% |
| Test Distance : | 3m | Polarization : | Vertical |
| Remark : | #8 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored. | | |




Site : 03CH06-KS
Condition : FCC CLASS-B 3m CBL6111DSN23188 VERTICAL

| | Freq | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phas |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | | |
| 1 | 88.20 | 36.23 | -7.27 | 43.50 | 50.98 | 15.60 | 1.45 | 31.80 | --- | --- | Peak | VERTICAL |
| 2 | 157.07 | 27.87 | -15.63 | 43.50 | 39.83 | 17.34 | 2.02 | 31.32 | --- | --- | Peak | VERTICAL |
| 3 | 299.66 | 32.80 | -13.20 | 46.00 | 41.43 | 20.20 | 2.81 | 31.64 | --- | --- | Peak | VERTICAL |
| 4 | 317.12 | 33.29 | -12.71 | 46.00 | 41.43 | 20.62 | 2.88 | 31.64 | --- | --- | Peak | VERTICAL |
| 5 | 600.36 | 36.64 | -9.36 | 46.00 | 38.41 | 25.50 | 3.99 | 31.26 | --- | --- | Peak | VERTICAL |
| 6 | 719.67 | 39.84 | -6.16 | 46.00 | 40.60 | 26.01 | 4.36 | 31.13 | --- | --- | Peak | VERTICAL |
| 7 | 897.18 | 35.23 | -10.77 | 46.00 | 34.12 | 27.39 | 4.88 | 31.16 | --- | --- | Peak | VERTICAL |
| 8 | 2462.00 | 56.38 | | | 77.83 | 31.10 | 7.25 | 59.80 | --- | --- | Peak | VERTICAL |
| 9 | 6304.00 | 44.84 | -29.16 | 74.00 | 57.53 | 35.63 | 11.80 | 60.12 | --- | --- | Peak | VERTICAL |
| 10 | 9653.00 | 46.81 | -27.19 | 74.00 | 55.03 | 37.85 | 14.88 | 60.95 | --- | --- | Peak | VERTICAL |
| 11 | 10486.00 | 47.21 | -26.79 | 74.00 | 54.04 | 38.36 | 15.46 | 60.65 | --- | --- | Peak | VERTICAL |
| 12 | 11897.00 | 47.55 | -26.45 | 74.00 | 52.21 | 38.78 | 16.71 | 60.15 | --- | --- | Peak | VERTICAL |
| 13 | 13155.00 | 49.02 | -24.98 | 74.00 | 51.91 | 39.80 | 17.41 | 60.10 | --- | --- | Peak | VERTICAL |
| 14 | 15875.00 | 48.51 | -25.49 | 74.00 | 47.15 | 41.53 | 19.52 | 59.69 | --- | --- | Peak | VERTICAL |

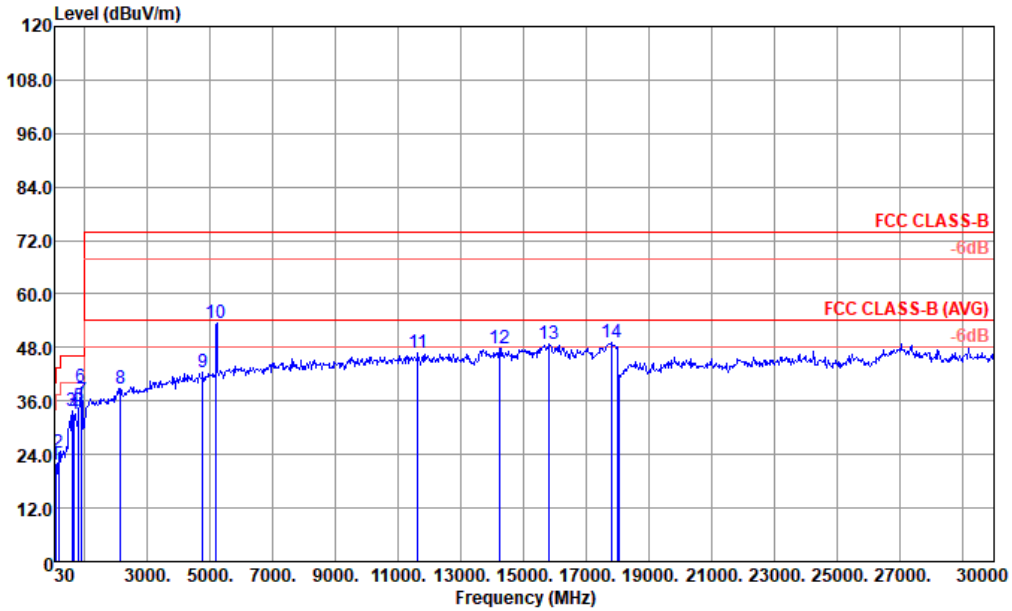
| Mode : | Mode 6 | Temperature : | 21~22°C |
|---|---|---|---|
| Test Engineer : | Carl Ni | Relative Humidity : | 41~42% |
| Test Distance : | 3m | Polarization : | Horizontal |
| Remark : | #6 is system simulator signal which can be ignored.<br>#10 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored. | | |




Site : 03CH06-KS
Condition : FCC CLASS-B 3m CBL6111D SN23188 HORIZONTAL
Project : (FC)1D0404
Mode : 6

| | Freq | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 | 87.23 | 21.19 | -18.81 | 40.00 | 36.68 | 14.83 | 1.44 | 31.76 | --- | --- | Peak |
| 2 | 191.99 | 23.85 | -19.65 | 43.50 | 37.31 | 15.63 | 2.25 | 31.34 | --- | --- | Peak |
| 3 | 239.52 | 25.20 | -20.80 | 46.00 | 36.14 | 17.92 | 2.50 | 31.36 | --- | --- | Peak |
| 4 | 600.36 | 29.85 | -16.15 | 46.00 | 32.02 | 25.10 | 3.99 | 31.26 | --- | --- | Peak |
| 5 | 753.62 | 29.83 | -16.17 | 46.00 | 30.77 | 25.72 | 4.46 | 31.12 | --- | --- | Peak |
| 6 | 870.99 | 38.44 | | | 38.19 | 26.69 | 4.81 | 31.25 | --- | --- | Peak |
| 7 | 900.09 | 36.85 | -9.15 | 46.00 | 36.41 | 26.70 | 4.89 | 31.15 | --- | --- | Peak |
| 8 | 2632.00 | 39.68 | -34.32 | 74.00 | 60.83 | 31.12 | 7.47 | 59.74 | --- | --- | Peak |
| 9 | 4723.00 | 42.18 | -31.82 | 74.00 | 57.72 | 34.39 | 10.13 | 60.06 | --- | --- | Peak |
| 10 | 5199.00 | 56.64 | | | 70.89 | 35.08 | 10.71 | 60.04 | --- | --- | Peak |
| 11 | 8191.00 | 45.77 | -28.23 | 74.00 | 55.89 | 37.01 | 13.63 | 60.76 | --- | --- | Peak |
| 12 | 11948.00 | 47.75 | -26.25 | 74.00 | 52.32 | 38.79 | 16.76 | 60.12 | --- | --- | Peak |
| 13 | 13682.00 | 47.90 | -26.10 | 74.00 | 50.23 | 39.95 | 17.81 | 60.09 | --- | --- | Peak |
| 14 | 16725.00 | 49.75 | -24.25 | 74.00 | 46.64 | 41.58 | 20.12 | 58.59 | --- | --- | Peak |

| Mode : | Mode 6 | Temperature : | 21~22°C |
|---|---|---|---|
| Test Engineer : | Carl Ni | Relative Humidity : | 41~42% |
| Test Distance : | 3m | Polarization : | Vertical |
| Remark : | #6 is system simulator signal which can be ignored.<br>#10 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored. | | |




Site : 03CH06-KS
Condition : FCC CLASS-B 3m CBL6111D SN23188 VERTICAL
Project : (FC]1D0404
Mode : 6

| | Freq | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | |
| 1 | 76.56 | 21.78 | -18.22 | 40.00 | 38.65 | 13.71 | 1.27 | 31.85 | --- | --- | Peak |
| 2 | 155.13 | 24.26 | -19.24 | 43.50 | 36.19 | 17.38 | 2.01 | 31.32 | --- | --- | Peak |
| 3 | 599.39 | 33.80 | -12.20 | 46.00 | 35.57 | 25.51 | 3.99 | 31.27 | --- | --- | Peak |
| 4 | 672.14 | 33.24 | -12.76 | 46.00 | 34.45 | 25.81 | 4.22 | 31.24 | --- | --- | Peak |
| 5 | 804.06 | 34.83 | -11.17 | 46.00 | 34.54 | 26.92 | 4.61 | 31.24 | --- | --- | Peak |
| 6 | 870.99 | 39.09 | | | 38.25 | 27.28 | 4.81 | 31.25 | --- | --- | Peak |
| 7 | 898.15 | 36.24 | -9.76 | 46.00 | 35.13 | 27.39 | 4.88 | 31.16 | --- | --- | Peak |
| 8 | 2139.00 | 38.75 | -35.25 | 74.00 | 61.47 | 30.20 | 6.74 | 59.66 | --- | --- | Peak |
| 9 | 4757.00 | 42.44 | -31.56 | 74.00 | 57.87 | 34.45 | 10.17 | 60.05 | --- | --- | Peak |
| 10 | 5199.00 | 53.33 | | | 67.58 | 35.08 | 10.71 | 60.04 | --- | --- | Peak |
| 11 | 11625.00 | 46.66 | -27.34 | 74.00 | 51.85 | 38.72 | 16.44 | 60.35 | --- | --- | Peak |
| 12 | 14209.00 | 47.78 | -26.22 | 74.00 | 49.91 | 39.72 | 18.19 | 60.04 | --- | --- | Peak |
| 13 | 15824.00 | 48.65 | -25.35 | 74.00 | 47.46 | 41.43 | 19.47 | 59.71 | --- | --- | Peak |
| 14 | 17779.00 | 48.99 | -25.01 | 74.00 | 42.87 | 42.59 | 20.78 | 57.25 | --- | --- | Peak |

———THE END———