



# FCC RF Test Report

APPLICANT : Espressif Systems (Shanghai) Co.,Ltd.  
EQUIPMENT : 2.4G Wi-Fi & Bluetooth IoT Module  
BRAND NAME : ESPRESSIF  
MODEL NAME : EK058  
FCC ID : 2AC7Z-EK058  
STANDARD : FCC Part 15 Subpart C §15.247  
CLASSIFICATION : (DTS) Digital Transmission System  
TEST DATE(S) : Jul. 26, 2022 ~ Aug. 08, 2022

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the test procedures 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

Approved by: Jason Jia



**Sporton International Inc. (Kunshan)**

**No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300  
People's Republic of China**



## TABLE OF CONTENTS

|                                                                  |           |
|------------------------------------------------------------------|-----------|
| <b>REVISION HISTORY.....</b>                                     | <b>3</b>  |
| <b>SUMMARY OF TEST RESULT .....</b>                              | <b>4</b>  |
| <b>1 GENERAL DESCRIPTION .....</b>                               | <b>5</b>  |
| 1.1 Applicant .....                                              | 5         |
| 1.2 Manufacturer .....                                           | 5         |
| 1.3 Product Feature of Equipment Under Test.....                 | 5         |
| 1.4 Product Specification of Equipment Under Test.....           | 5         |
| 1.5 Modification of EUT .....                                    | 5         |
| 1.6 Testing Location .....                                       | 6         |
| 1.7 Test Software.....                                           | 6         |
| 1.8 Applicable Standards.....                                    | 6         |
| <b>2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST .....</b>        | <b>7</b>  |
| 2.1 Carrier Frequency and Channel .....                          | 7         |
| 2.2 Test Mode.....                                               | 8         |
| 2.3 Connection Diagram of Test System.....                       | 9         |
| 2.4 Support Unit used in test configuration and system .....     | 10        |
| 2.5 EUT Operation Test Setup .....                               | 10        |
| 2.6 Measurement Results Explanation Example.....                 | 10        |
| <b>3 TEST RESULT .....</b>                                       | <b>11</b> |
| 3.1 6dB and 99% Bandwidth Measurement .....                      | 11        |
| 3.2 Output Power Measurement.....                                | 13        |
| 3.3 Power Spectral Density Measurement .....                     | 14        |
| 3.4 Conducted Band Edges and Spurious Emission Measurement ..... | 16        |
| 3.5 Radiated Band Edges and Spurious Emission Measurement .....  | 29        |
| 3.6 AC Conducted Emission Measurement.....                       | 33        |
| 3.7 Antenna Requirements.....                                    | 35        |
| <b>4 LIST OF MEASURING EQUIPMENT .....</b>                       | <b>36</b> |
| <b>5 UNCERTAINTY OF EVALUATION .....</b>                         | <b>37</b> |
| <b>APPENDIX A. CONDUCTED TEST RESULTS</b>                        |           |
| <b>APPENDIX B. AC CONDUCTED EMISSION TEST RESULT</b>             |           |
| <b>APPENDIX C. RADIATED SPURIOUS EMISSION</b>                    |           |
| <b>APPENDIX D. RADIATED SPURIOUS EMISSION PLOTS</b>              |           |
| <b>APPENDIX E. DUTY CYCLE PLOTS</b>                              |           |
| <b>APPENDIX F. SETUP PHOTOGRAPHS</b>                             |           |



## REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION             | ISSUED DATE   |
|------------|---------|-------------------------|---------------|
| FR263001C  | Rev. 01 | Initial issue of report | Sep. 09, 2022 |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |

## SUMMARY OF TEST RESULT

| Report Section | FCC Rule           | Description                                        | Limit                          | Result      | Remark                              |
|----------------|--------------------|----------------------------------------------------|--------------------------------|-------------|-------------------------------------|
| 3.1            | 15.247(a)(2)       | 6dB Bandwidth                                      | $\geq 0.5\text{MHz}$           | Pass        | -                                   |
| 3.1            | -                  | 99% Bandwidth                                      | -                              | Report Only | -                                   |
| 3.2            | 15.247(b)          | Power Output Measurement                           | $\leq 30\text{dBm}$            | Pass        | -                                   |
| 3.3            | 15.247(e)          | Power Spectral Density                             | $\leq 8\text{dBm}/3\text{kHz}$ | Pass        | -                                   |
| 3.4            | 15.247(d)          | Conducted Band Edges                               | $\leq 20\text{dBc}$            | Pass        | -                                   |
|                |                    | Conducted Spurious Emission                        |                                | Pass        | -                                   |
| 3.5            | 15.247(d)          | Radiated Band Edges and Radiated Spurious Emission | 15.209(a) & 15.247(d)          | Pass        | Under limit 1.51 dB at 2483.500 MHz |
| 3.6            | 15.207             | AC Conducted Emission                              | 15.207(a)                      | Pass        | Under limit 9.05 dB at 0.155 MHz    |
| 3.7            | 15.203 & 15.247(b) | Antenna Requirement                                | 15.203 & 15.247(b)             | Pass        | -                                   |

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits.

**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 Applicant

Espressif Systems (Shanghai) Co.,Ltd.

Suite 204, Block 2, 690 Bibo Road, Zhang Jiang Hi-Tech Park, Shanghai, China

## 1.2 Manufacturer

Espressif Systems (Shanghai) Co.,Ltd.

Suite 204, Block 2, 690 Bibo Road, Zhang Jiang Hi-Tech Park, Shanghai, China

## 1.3 Product Feature of Equipment Under Test

| Product Feature |                                                                                |
|-----------------|--------------------------------------------------------------------------------|
| Equipment       | 2.4G Wi-Fi & Bluetooth IoT Module                                              |
| Brand Name      | ESPRESSIF                                                                      |
| Model Name      | EK058                                                                          |
| FCC ID          | 2AC7Z-EK058                                                                    |
| HW Version      | V1.1                                                                           |
| SW Version      | V1.1.3.0                                                                       |
| SN Code         | Radiation: C4DEE21CF9B8<br>Conducted: C4DEE21D2530<br>Conduction: C4DEE21D4618 |
| EUT Stage       | Production Unit                                                                |

**Remark:** The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

## 1.4 Product Specification of Equipment Under Test

| Standards-related Product Specification |                                                                                                                                                |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Tx/Rx Channel Frequency Range           | 2412 MHz ~ 2462 MHz                                                                                                                            |
| Maximum (Peak) Output Power to antenna  | 802.11b : 21.09 dBm (0.1285 W)<br>802.11g : 22.38 dBm (0.1730 W)<br>802.11n HT20 : 22.70 dBm (0.1862 W)<br>802.11n HT40 : 21.90 dBm (0.1549 W) |
| 99% Occupied Bandwidth                  | 802.11b : 13.24MHz<br>802.11g : 16.93MHz<br>802.11n HT20 : 17.43MHz<br>802.11n HT40 : 34.27MHz                                                 |
| Antenna Type / Gain                     | PCB Antenna with gain 3.26 dBi                                                                                                                 |
| Type of Modulation                      | 802.11b : DSSS (DBPSK / DQPSK / CCK)<br>802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)                                                         |

## 1.5 Modification of EUT

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

## 1.6 Testing Location

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

|                           |                                                                                                                                                                          |                            |                                       |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------|
| <b>Test Firm</b>          | Sporton International Inc. (Kunshan)                                                                                                                                     |                            |                                       |
| <b>Test Site Location</b> | 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 |                            |                                       |
| <b>Test Site No.</b>      | <b>Sporton Site No.</b>                                                                                                                                                  | <b>FCC Designation No.</b> | <b>FCC Test Firm Registration No.</b> |
|                           | CO01-KS<br>03CH05-KS<br>TH01-KS                                                                                                                                          | CN1257                     | 314309                                |

## 1.7 Test Software

| Item | Site      | Manufacturer | Name | Version       |
|------|-----------|--------------|------|---------------|
| 1.   | 03CH05-KS | AUDIX        | E3   | 6.2009-8-24a1 |
| 2.   | CO01-KS   | AUDIX        | E3   | 6.2009-8-24   |

## 1.8 Applicable Standards

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

- 47 CFR Part 15 Subpart C §15.247
- FCC KDB 558074 D01 15.247 Meas Guidance v05r02
- ANSI C63.10-2013

**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

- a. The EUT has been associated with peripherals 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 (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

### 2.1 Carrier Frequency and Channel

| Frequency Band  | Channel | Freq.<br>(MHz) | Channel | Freq.<br>(MHz) |
|-----------------|---------|----------------|---------|----------------|
| 2400-2483.5 MHz | 1       | 2412           | 7       | 2442           |
|                 | 2       | 2417           | 8       | 2447           |
|                 | 3       | 2422           | 9       | 2452           |
|                 | 4       | 2427           | 10      | 2457           |
|                 | 5       | 2432           | 11      | 2462           |
|                 | 6       | 2437           |         |                |

## 2.2 Test Mode

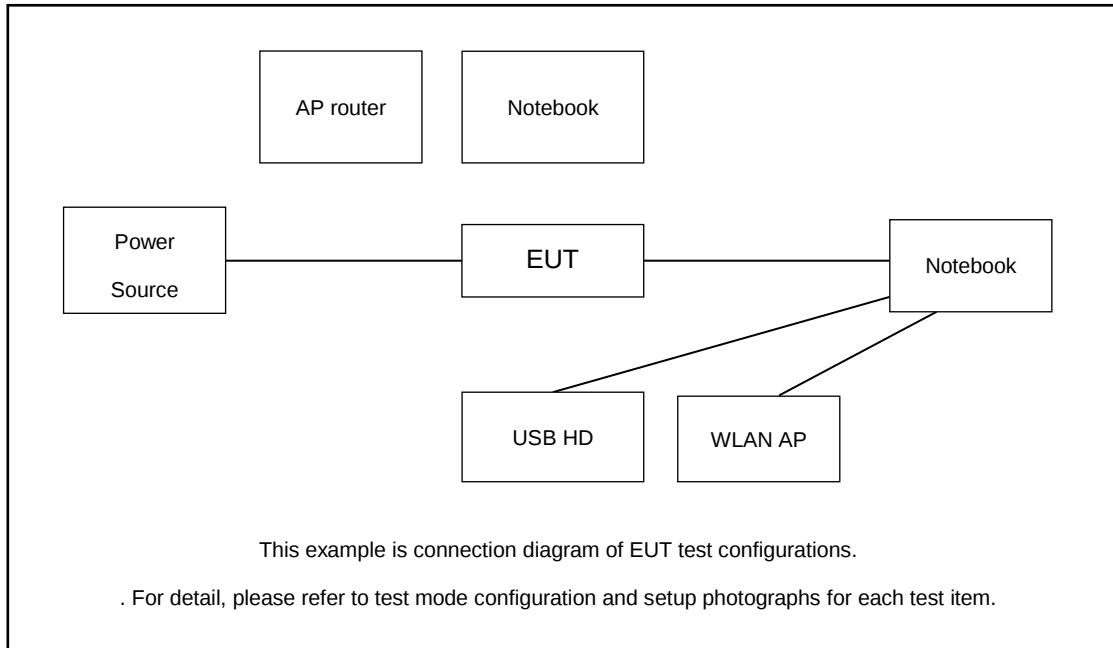
Final test modes are considering the modulation and worse data rates as below table.

| Modulation   | Data Rate |
|--------------|-----------|
| 802.11b      | 1 Mbps    |
| 802.11g      | 6 Mbps    |
| 802.11n HT20 | MCS0      |
| 802.11n HT40 | MCS0      |

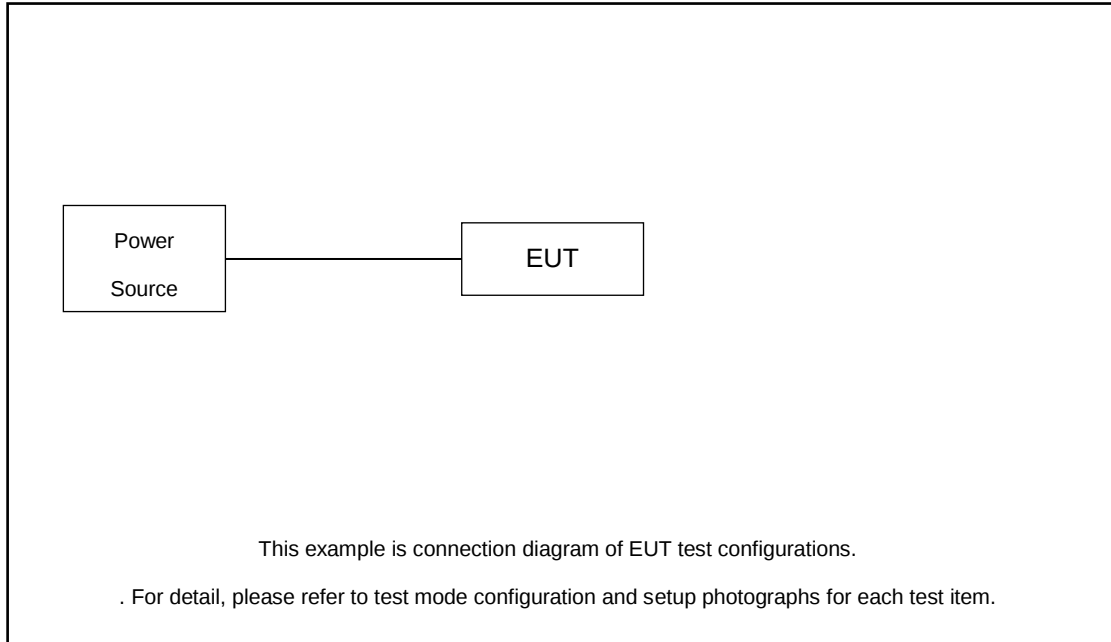
| Test Cases                                                                     |                                                             |
|--------------------------------------------------------------------------------|-------------------------------------------------------------|
| AC<br>Conducted<br>Emission                                                    | Mode 1 :Bluetooth TX + WLAN Link (2.4G) + Notebook Charging |
| Remark:<br>1. For Radiated Test Cases, The tests were performed with Notebook. |                                                             |

## 2.3 Connection Diagram of Test System

### < AC Conducted Emission >



### < Radiated Emission >



## 2.4 Support Unit used in test configuration and system

| Item | Equipment | Trade Name | Model Name    | FCC ID     | Data Cable     | Power Cord                                                         |
|------|-----------|------------|---------------|------------|----------------|--------------------------------------------------------------------|
| 1.   | WLAN AP   | D-link     | DIR-655       | KA21R655B1 | N/A            | Unshielded,1.8m                                                    |
| 2.   | Notebook  | Lenovo     | V130-14IKB004 | N/A        | N/A            | shielded cable DC<br>O/P 1.8m ,<br>Unshielded AC I/P<br>cable 1.8m |
| 3.   | Test Jig  | N/A        | N/A           | N/A        | N/A            | N/A                                                                |
| 4.   | Hard Disk | Lenovo     | F310          | DoC        | Shielded, 1.2m | N/A                                                                |

## 2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

## 2.6 Measurement Results Explanation Example

**For all conducted test items:**

The offset level is set in the spectrum analyzer to compensate the RF cable loss between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example:

The spectrum analyzer offset is derived from RF cable loss.

*Offset = RF cable loss.*

Following shows an offset computation example with cable loss 5.6 dB.

*Offset(dB) = RF cable loss(dB).*

=5.6 (dB)

### 3 Test Result

#### 3.1 6dB and 99% Bandwidth Measurement

##### 3.1.1 Limit of 6dB and 99% Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

##### 3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

##### 3.1.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 11.8
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6 dB bandwidth must be greater than 500 kHz.
5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1% to 5% of the 99% OBW and the VBW is set to 3 times of the RBW.
6. Measure and record the results in the test report.

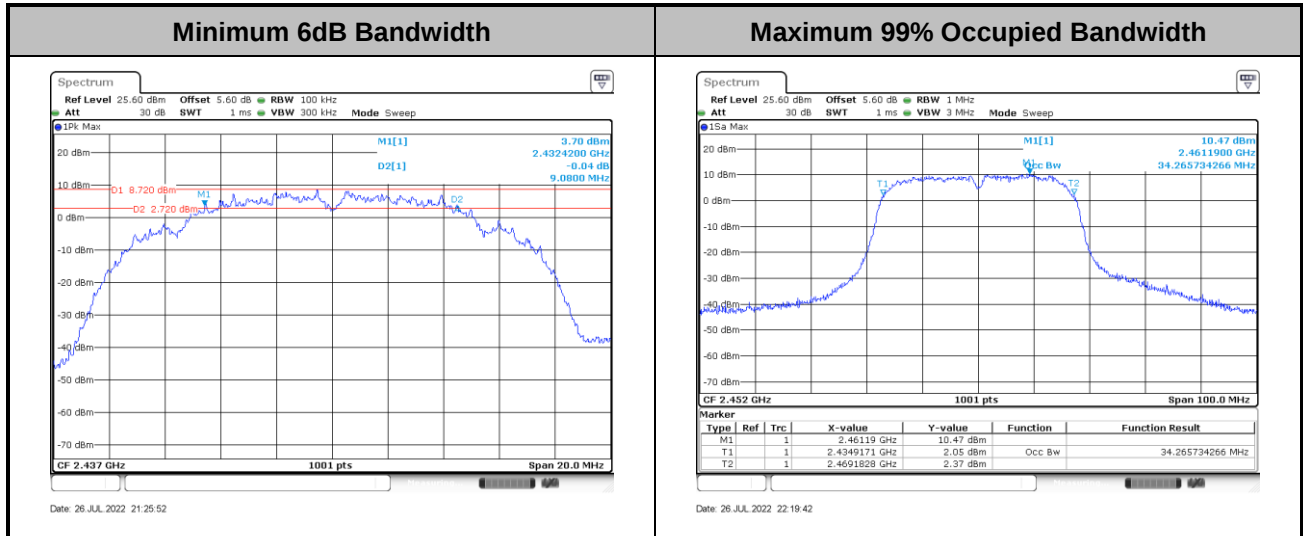
##### 3.1.4 Test Setup





### 3.1.5 Test Result of 6dB and 99% Occupied Bandwidth

Please refer to Appendix A.



Note : The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

## 3.2 Output Power Measurement

### 3.2.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5MHz, the limit for peak output power is 30dBm. If transmitting antenna with directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

### 3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.2.3 Test Procedures

1. The testing follows the Measurement Procedure of ANSI C63.10-2013 clause 11.9.1.3 PKPM1 Peak power meter or ANSI C63.10-2013 clause 11.9.2.3.1 Method AVGPM method.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power and record the results in the test report.

### 3.2.4 Test Setup



### 3.2.5 Test Result of Peak Output Power

Please refer to Appendix A.

### 3.2.6 Test Result of Average Output Power (Reporting Only)

Please refer to Appendix A.

### 3.3 Power Spectral Density Measurement

#### 3.3.1 Limit of Power Spectral Density

The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.

#### 3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

#### 3.3.3 Test Procedures

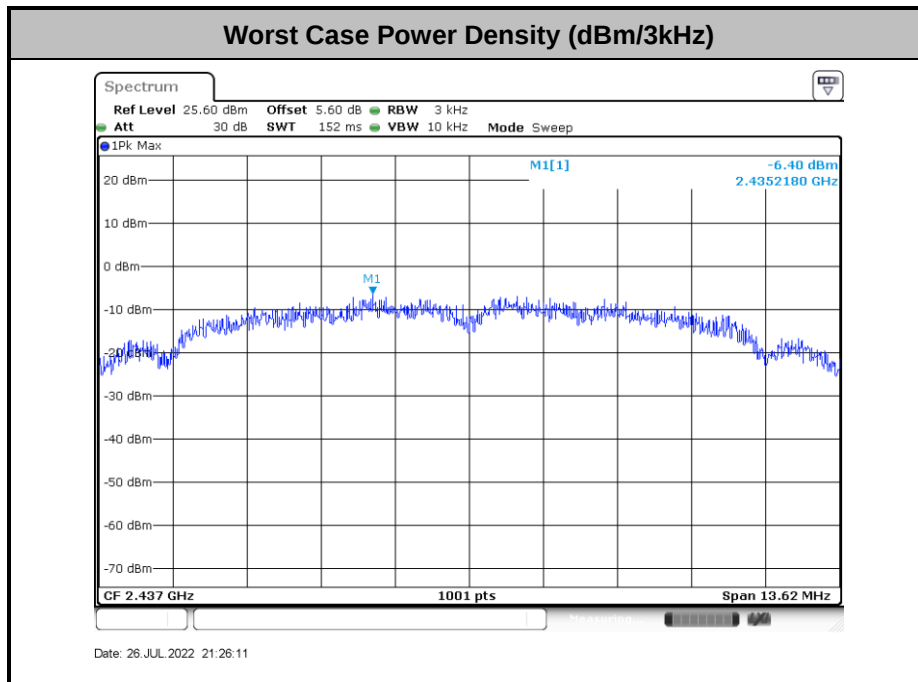
1. The testing follows Measurement Procedure of ANSI C63.10-2013 clause 11.10.2 Method PKPSD.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 3 kHz. Video bandwidth VBW = 10 kHz In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW)
5. Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
6. Measure and record the results in the test report.

#### 3.3.4 Test Setup



### 3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



### 3.4 Conducted Band Edges and Spurious Emission Measurement

#### 3.4.1 Limit of Conducted Band Edges and Spurious Emission Measurement

In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement.

#### 3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

#### 3.4.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 11.13
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d).
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

#### 3.4.4 Test Setup

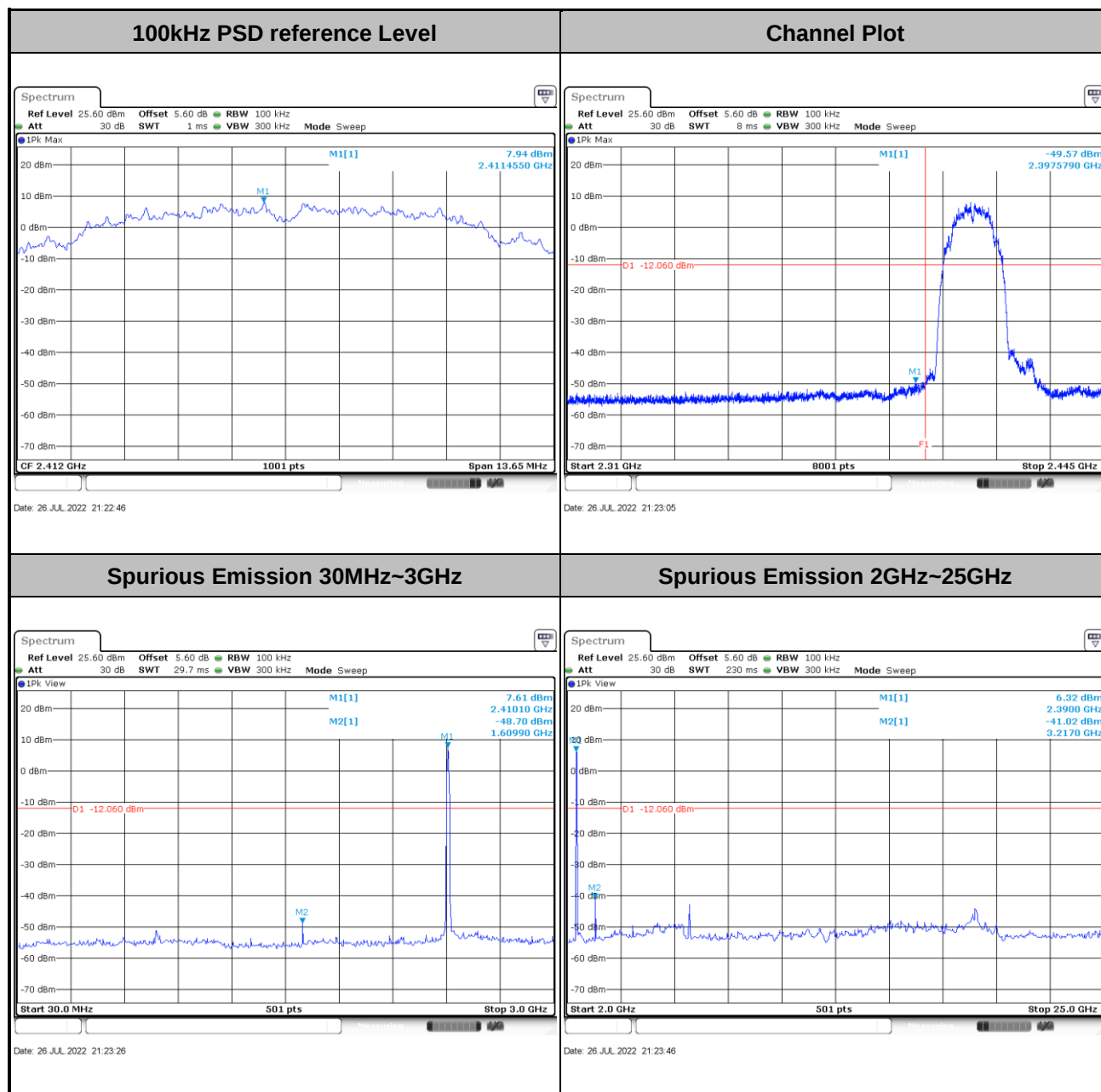




## 3.4.5 Test Result of Conducted Band Edges and Spurious Emission

|                 |             |                     |         |
|-----------------|-------------|---------------------|---------|
| Test Engineer : | Jacob Zhang | Temperature :       | 21~25°C |
|                 |             | Relative Humidity : | 51~54%  |

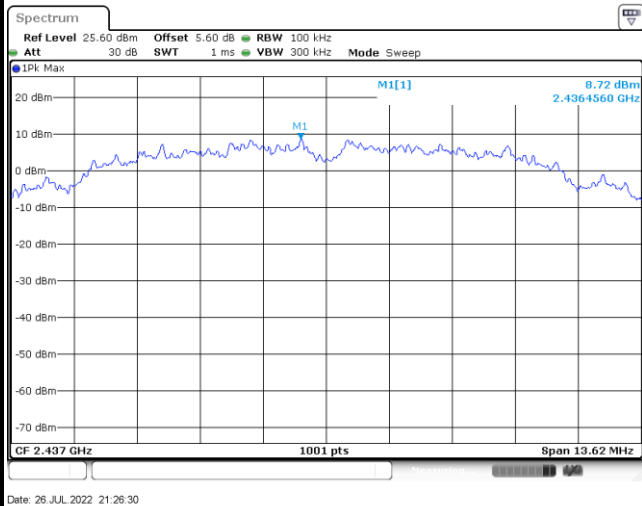
|             |         |                |    |
|-------------|---------|----------------|----|
| Test Mode : | 802.11b | Test Channel : | 01 |
|-------------|---------|----------------|----|





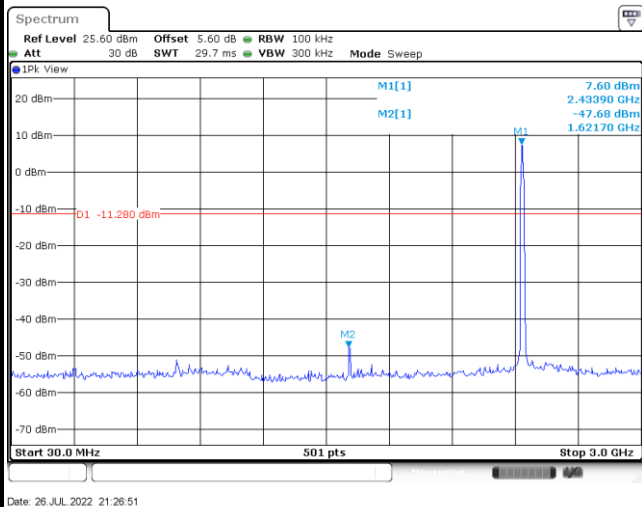
|             |         |                |    |
|-------------|---------|----------------|----|
| Test Mode : | 802.11b | Test Channel : | 06 |
|-------------|---------|----------------|----|

## 100kHz PSD reference Level

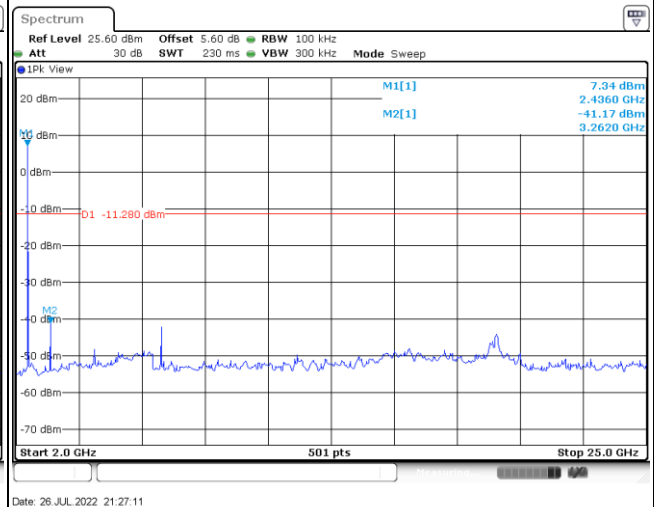


## Channel Plot

## Spurious Emission 30MHz~3GHz



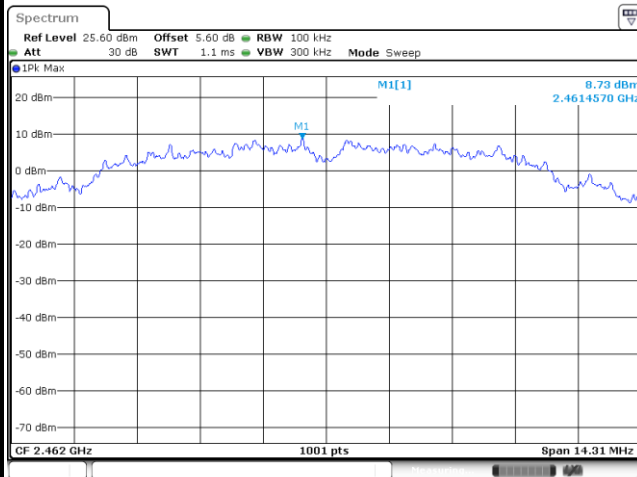
## Spurious Emission 2GHz~25GHz





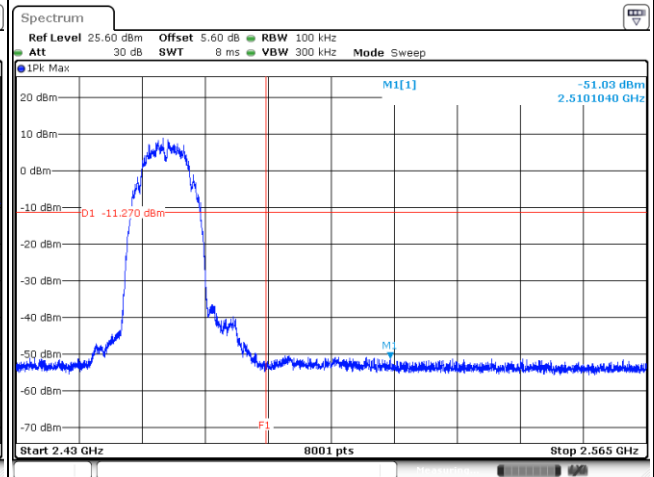
|             |         |                |    |
|-------------|---------|----------------|----|
| Test Mode : | 802.11b | Test Channel : | 11 |
|-------------|---------|----------------|----|

## 100kHz PSD reference Level



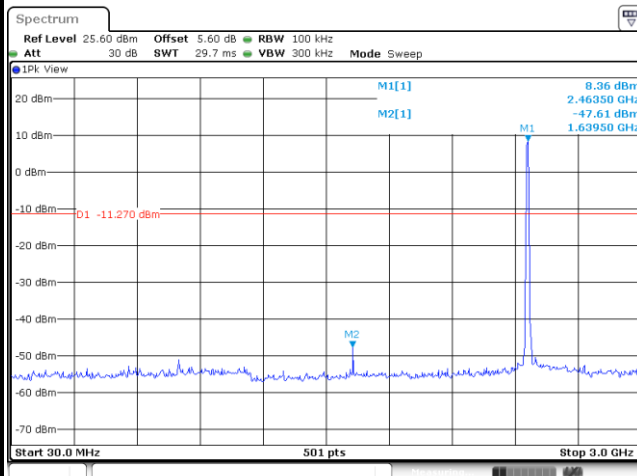
Date: 26 JUL 2022 21:43:02

## Channel Plot



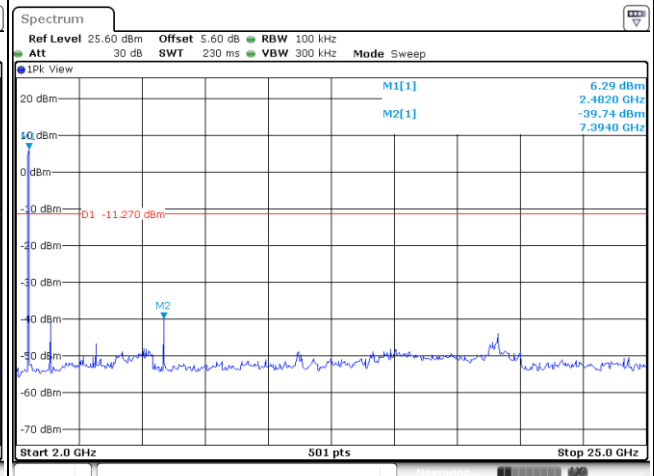
Date: 26 JUL 2022 21:43:21

## Spurious Emission 30MHz~3GHz



Date: 26 JUL 2022 21:43:41

## Spurious Emission 2GHz~25GHz

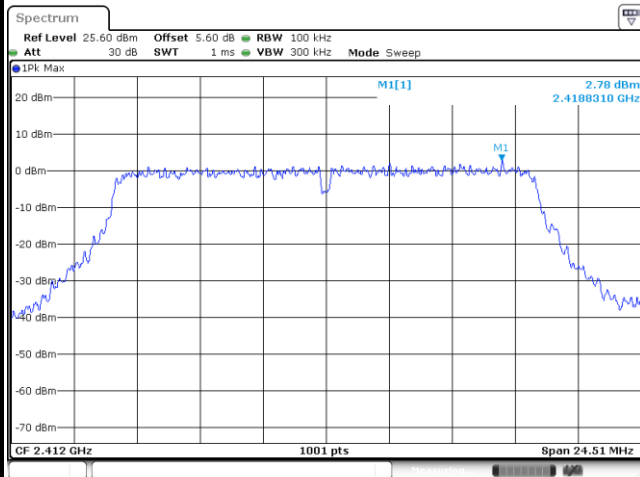


Date: 26 JUL 2022 21:44:01

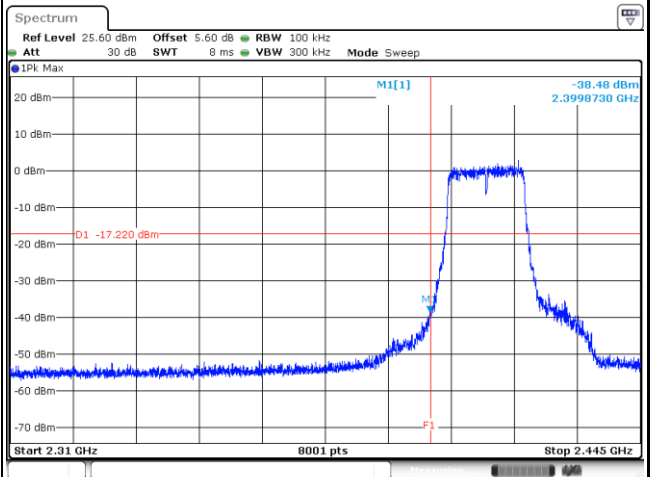


|             |         |                |    |
|-------------|---------|----------------|----|
| Test Mode : | 802.11g | Test Channel : | 01 |
|-------------|---------|----------------|----|

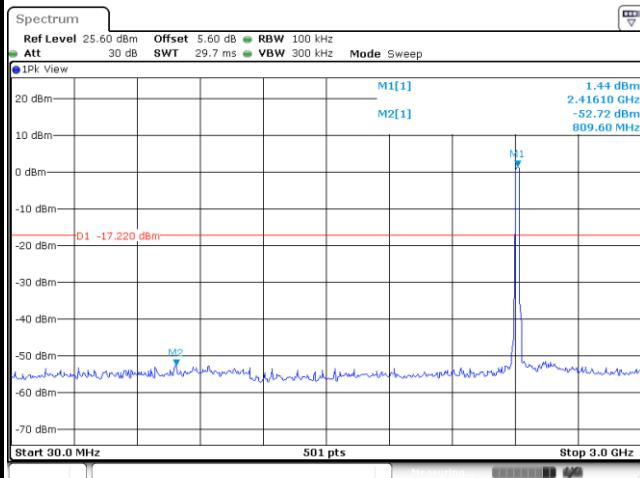
## 100kHz PSD reference Level



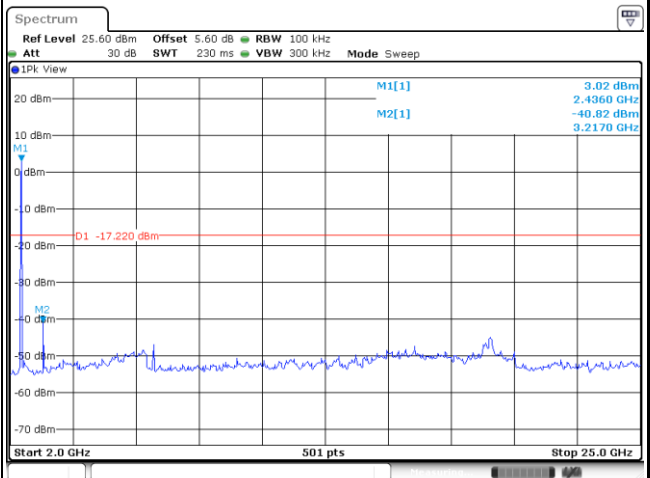
## Channel Plot



## Spurious Emission 30MHz~3GHz

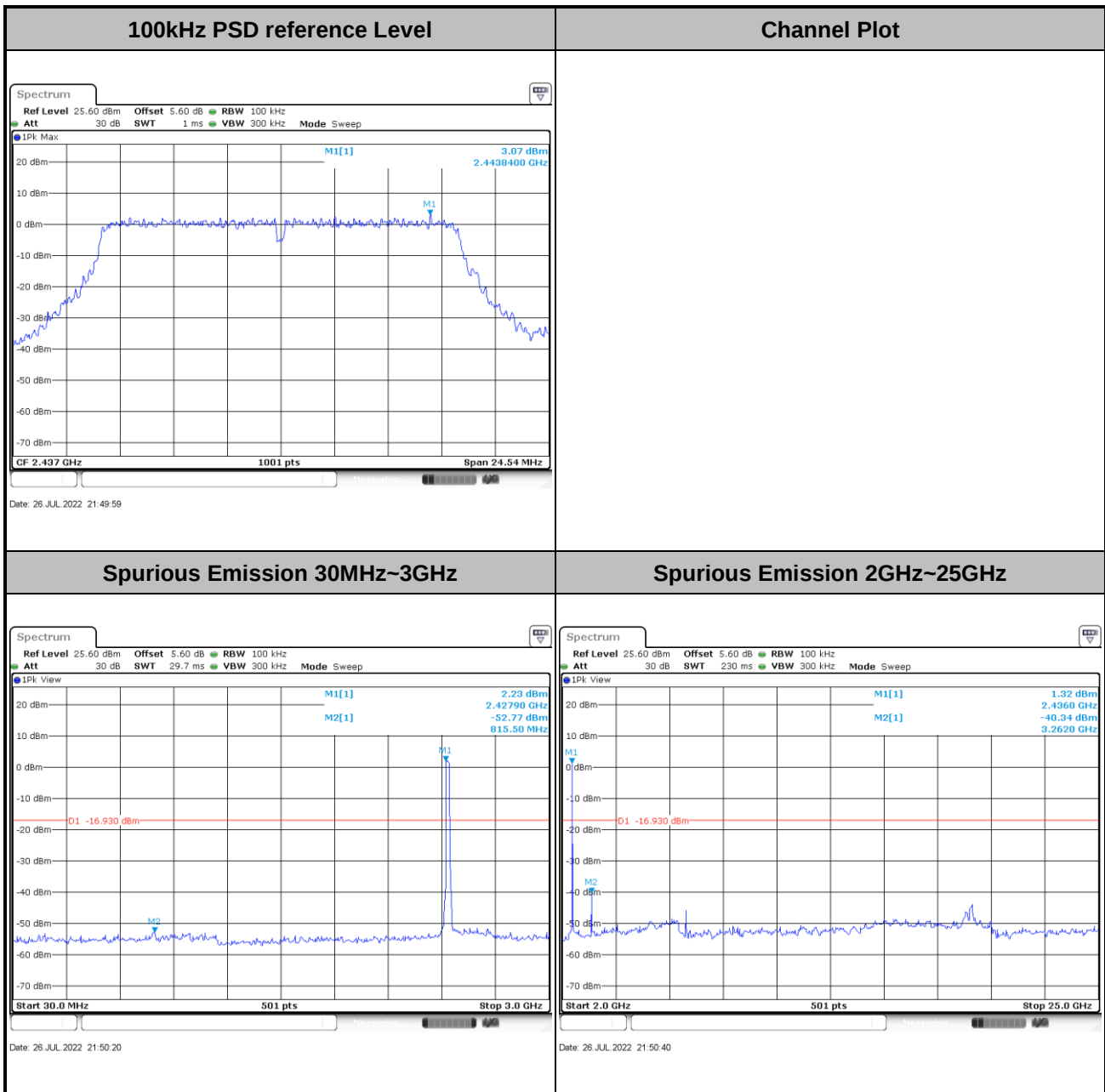


## Spurious Emission 2GHz~25GHz





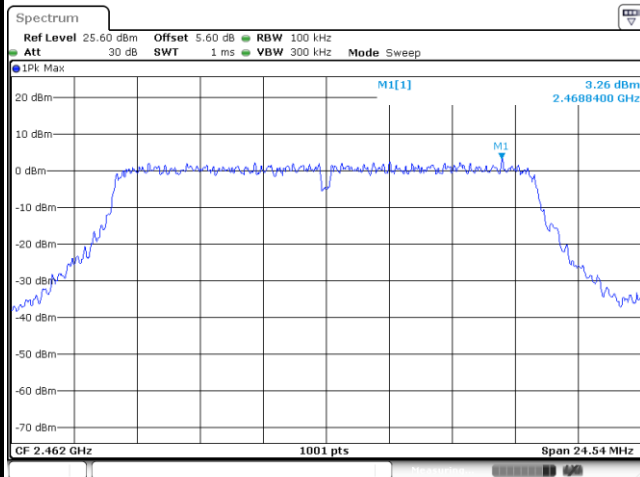
|             |         |                |    |
|-------------|---------|----------------|----|
| Test Mode : | 802.11g | Test Channel : | 06 |
|-------------|---------|----------------|----|



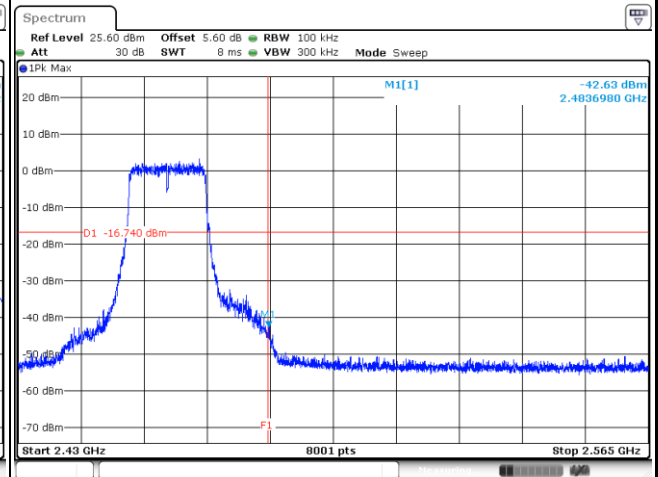


|             |         |                |    |
|-------------|---------|----------------|----|
| Test Mode : | 802.11g | Test Channel : | 11 |
|-------------|---------|----------------|----|

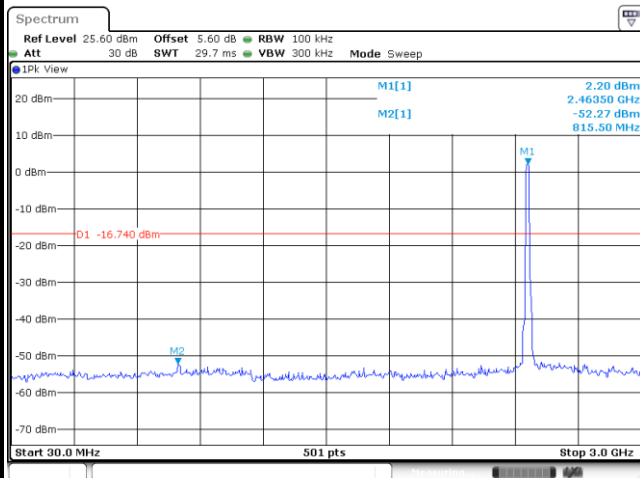
## 100kHz PSD reference Level



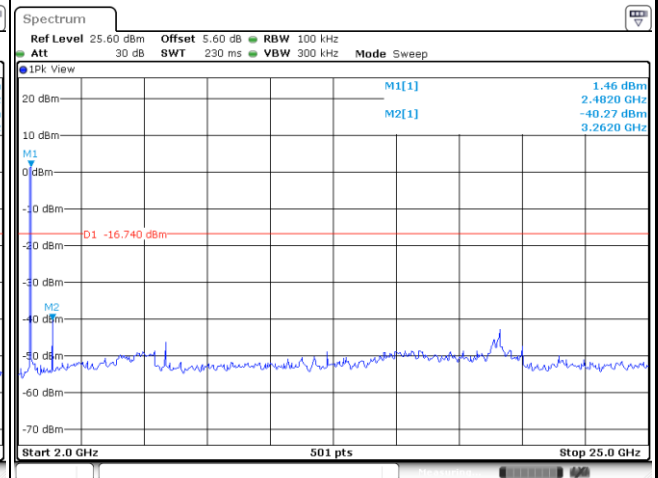
## Channel Plot



## Spurious Emission 30MHz~3GHz



## Spurious Emission 2GHz~25GHz

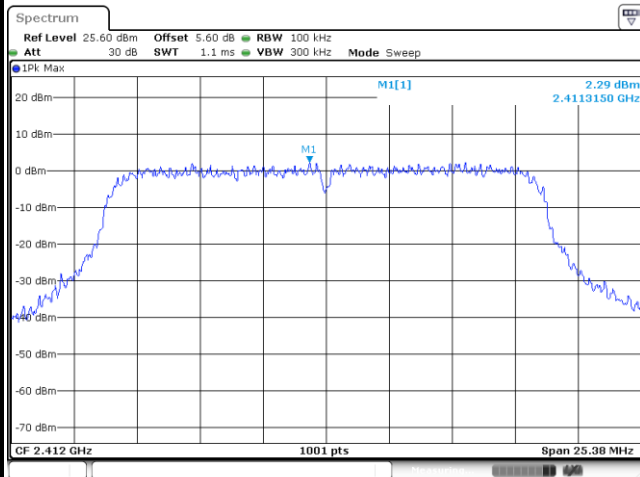




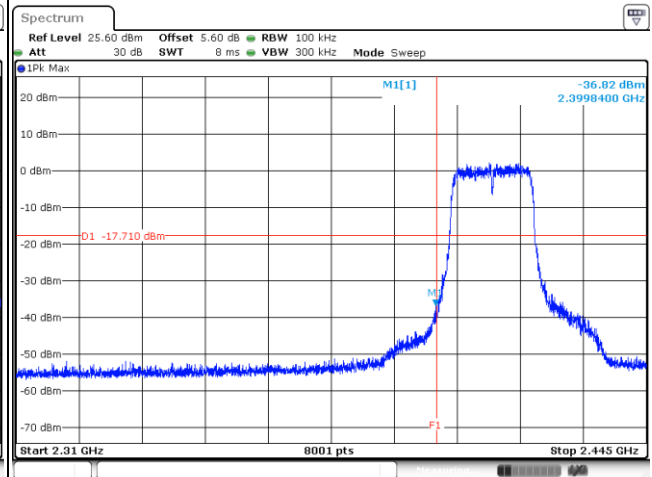
Test Mode : 802.11n HT20

Test Channel : 01

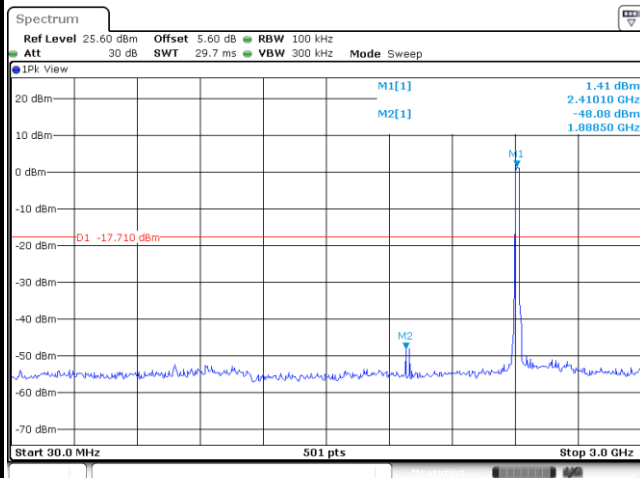
## 100kHz PSD reference Level



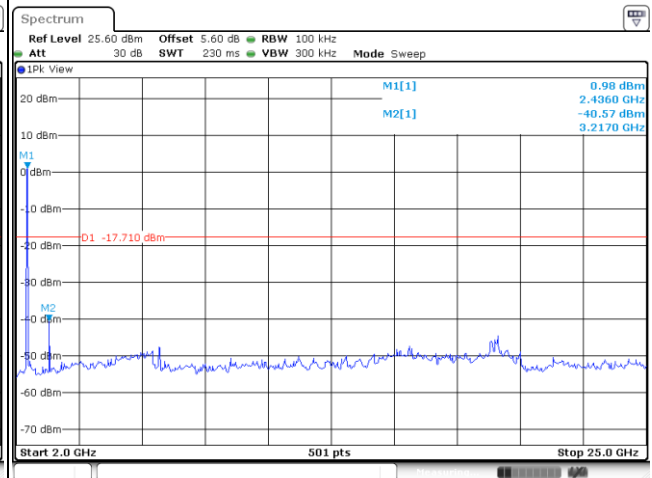
## Channel Plot



## Spurious Emission 30MHz~3GHz

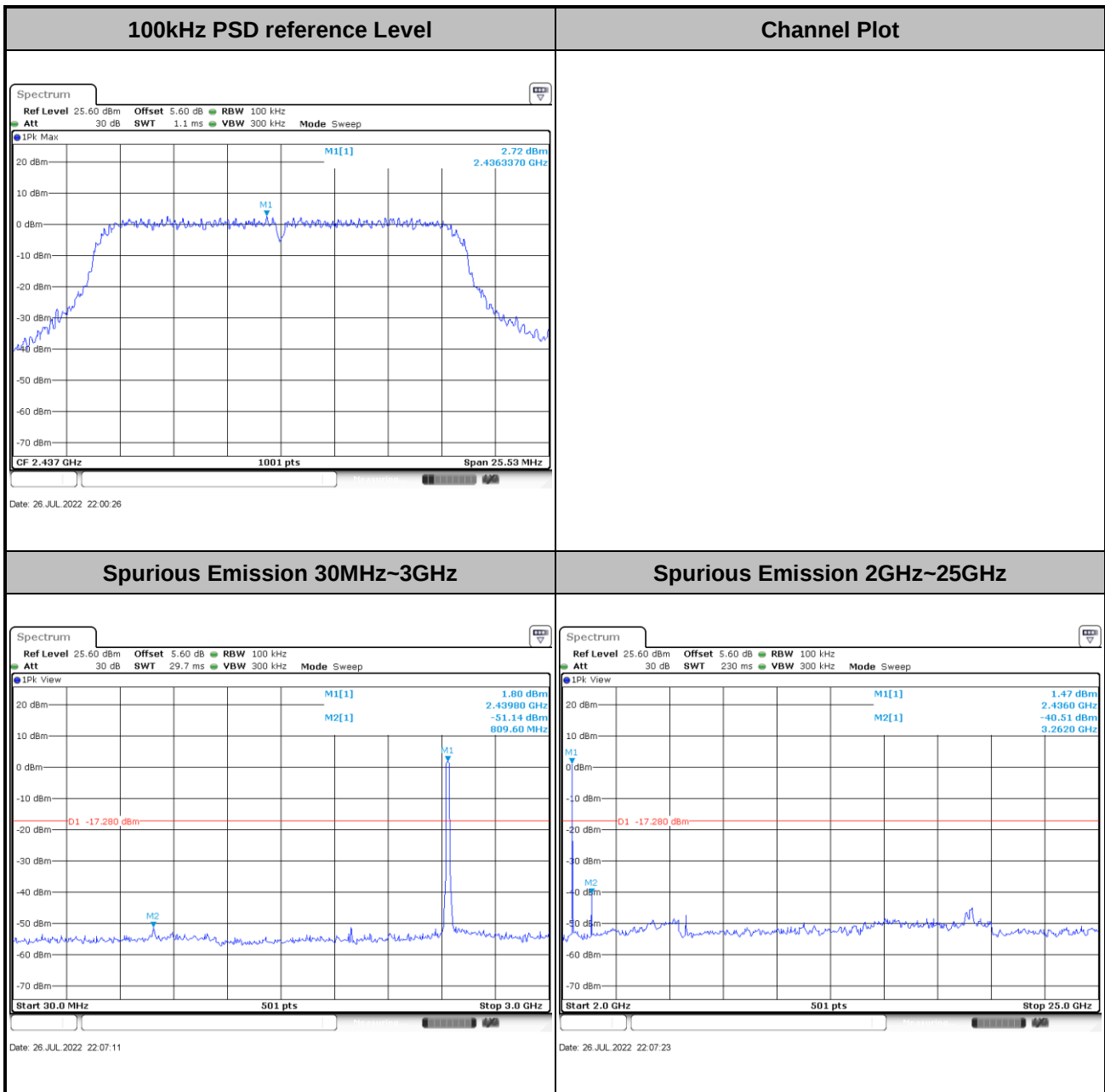


## Spurious Emission 2GHz~25GHz





|             |              |                |    |
|-------------|--------------|----------------|----|
| Test Mode : | 802.11n HT20 | Test Channel : | 06 |
|-------------|--------------|----------------|----|

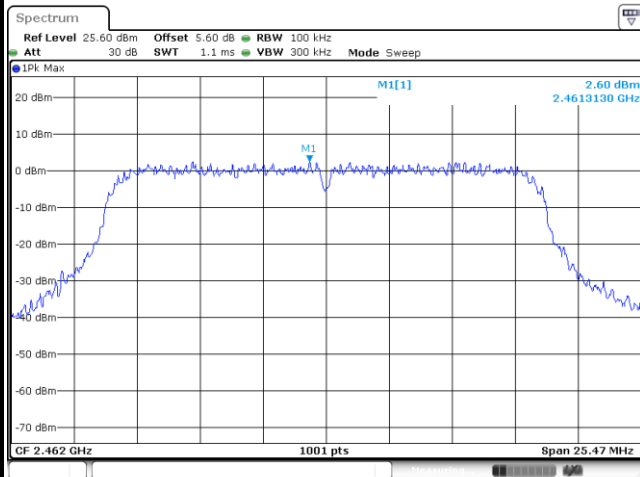




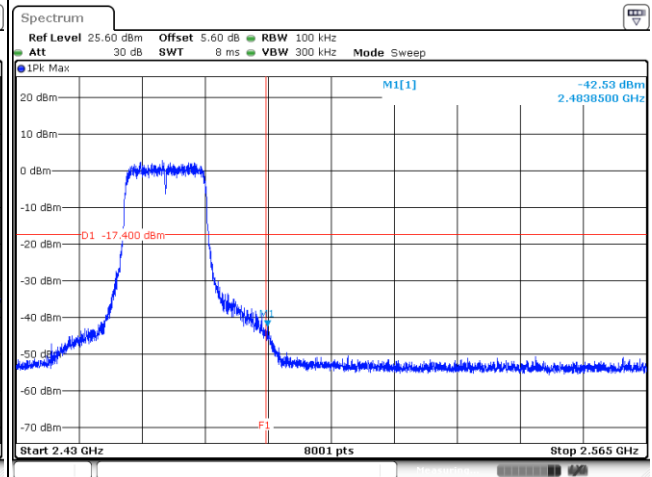
Test Mode : 802.11n HT20

Test Channel : 11

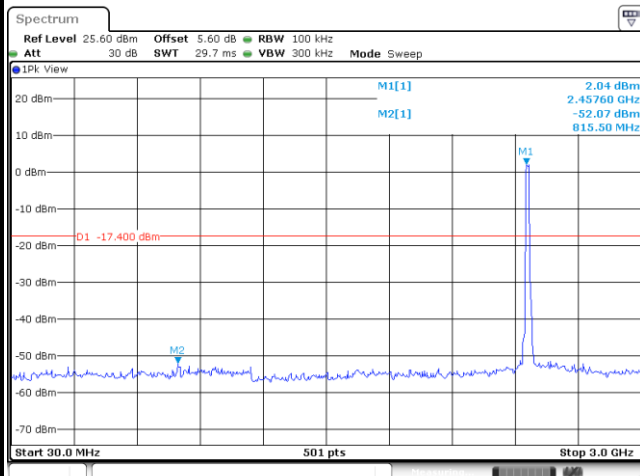
## 100kHz PSD reference Level



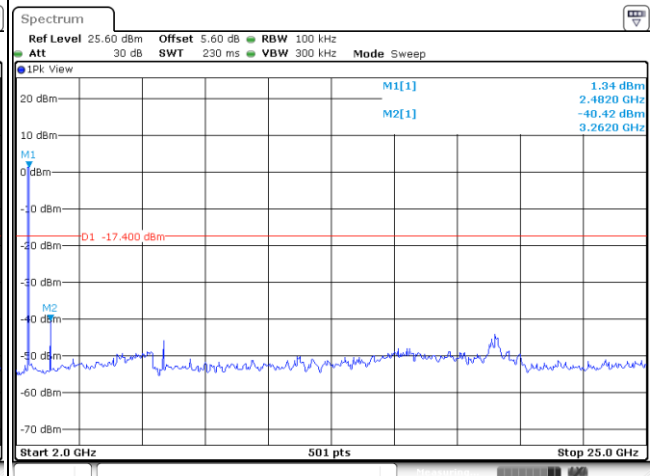
## Channel Plot



## Spurious Emission 30MHz~3GHz



## Spurious Emission 2GHz~25GHz

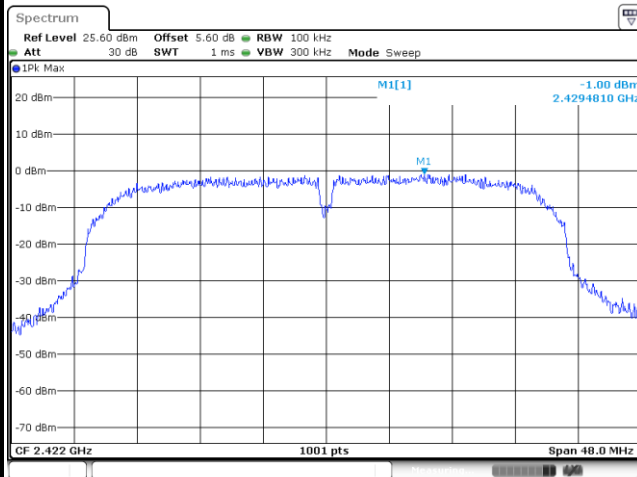




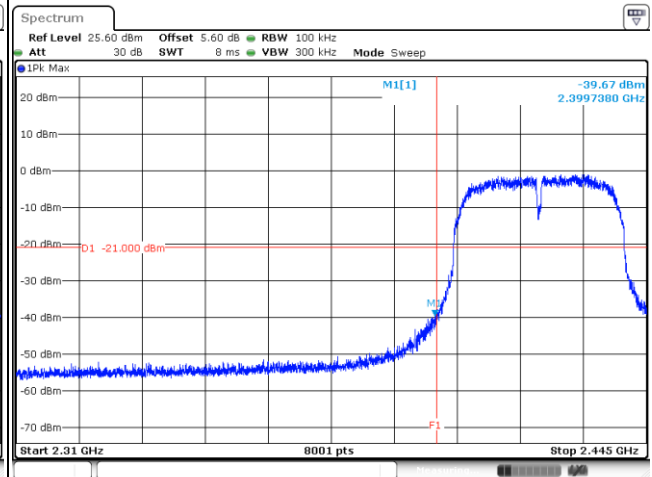
Test Mode : 802.11n HT40

Test Channel : 03

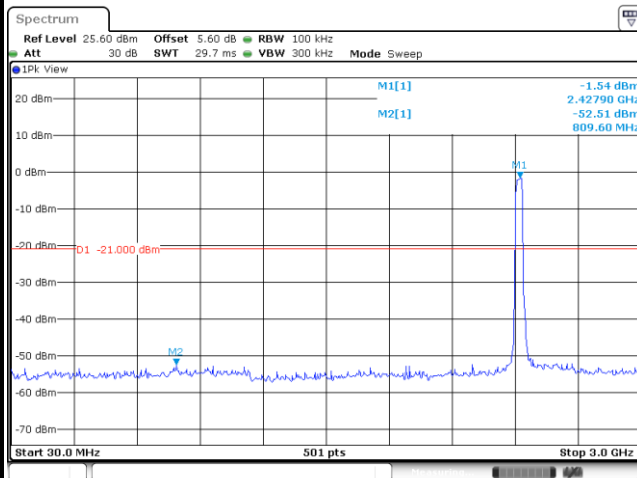
## 100kHz PSD reference Level



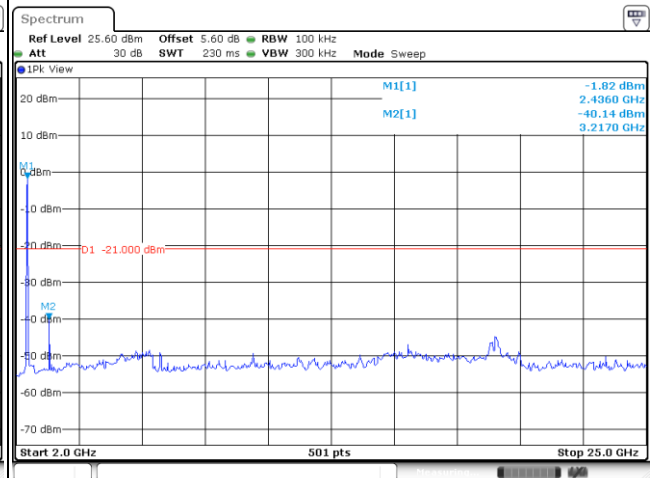
## Channel Plot



## Spurious Emission 30MHz~3GHz

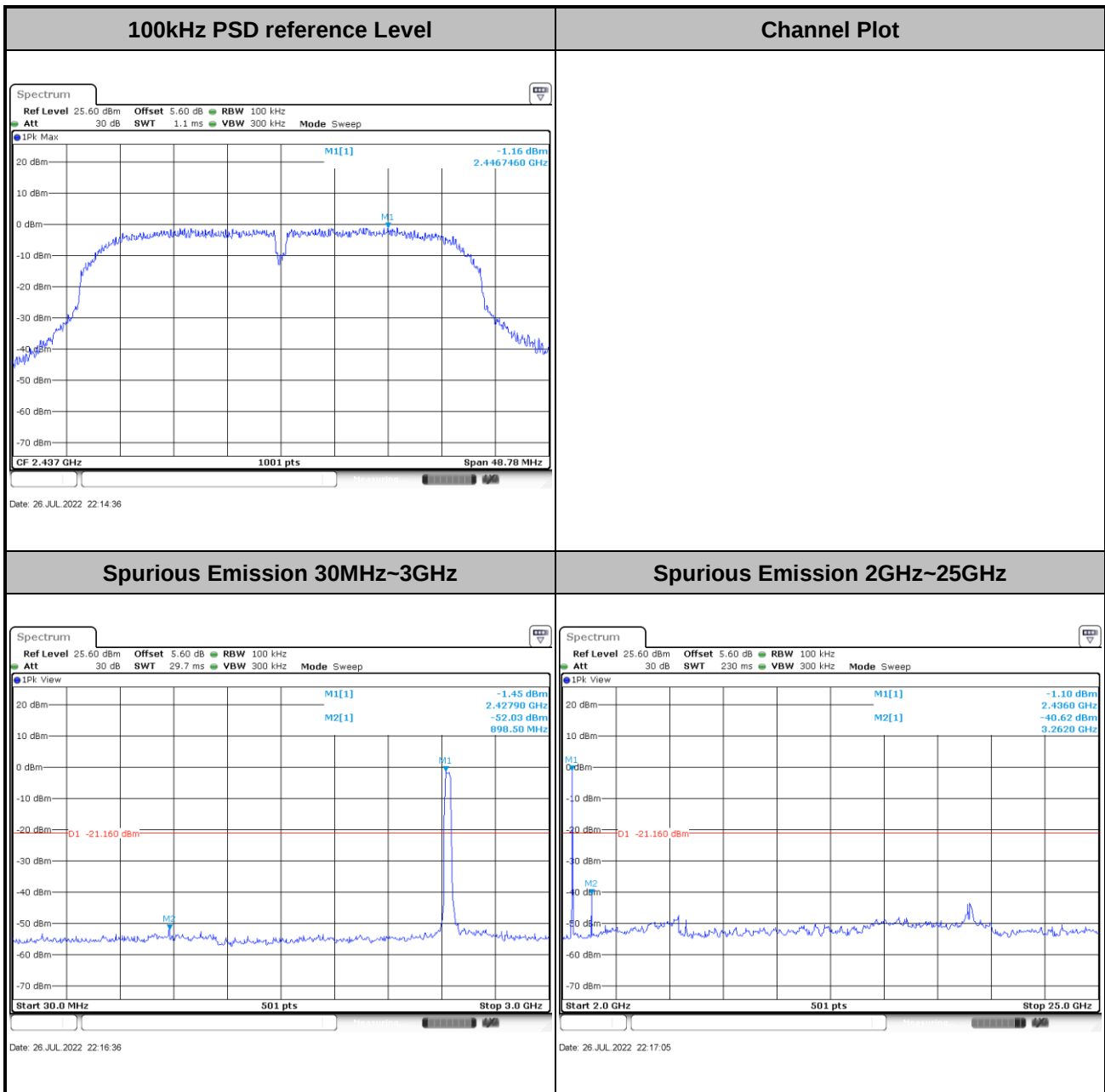


## Spurious Emission 2GHz~25GHz





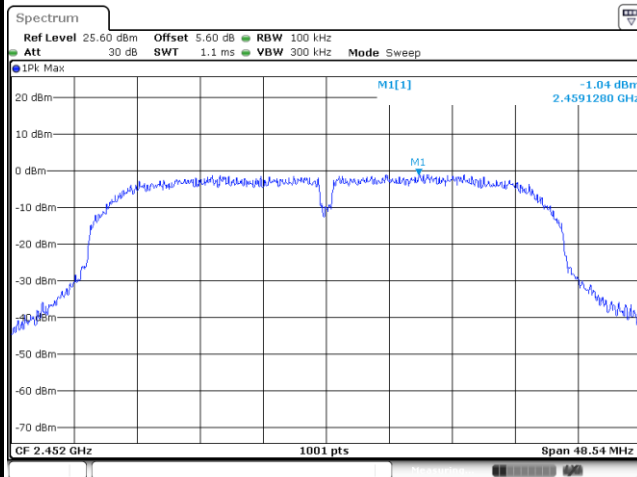
|             |              |                |    |
|-------------|--------------|----------------|----|
| Test Mode : | 802.11n HT40 | Test Channel : | 06 |
|-------------|--------------|----------------|----|



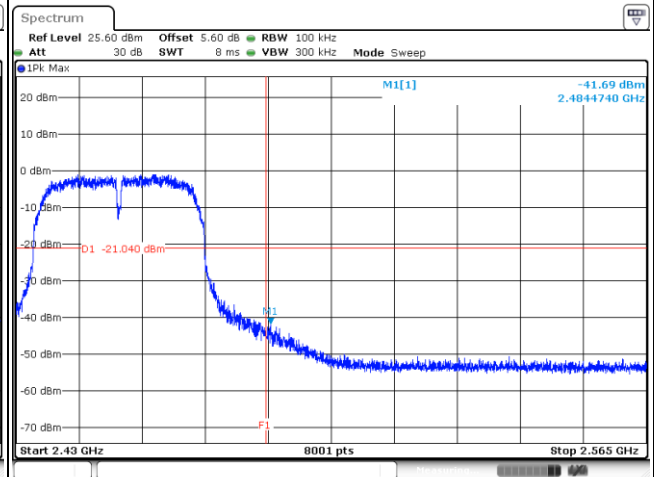


|             |              |                |    |
|-------------|--------------|----------------|----|
| Test Mode : | 802.11n HT40 | Test Channel : | 09 |
|-------------|--------------|----------------|----|

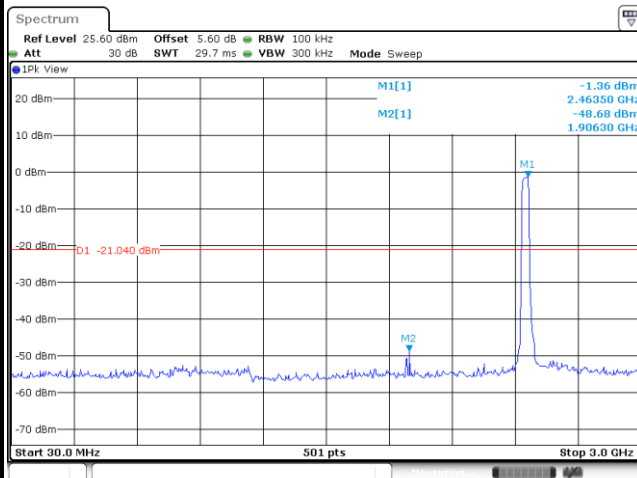
## 100kHz PSD reference Level



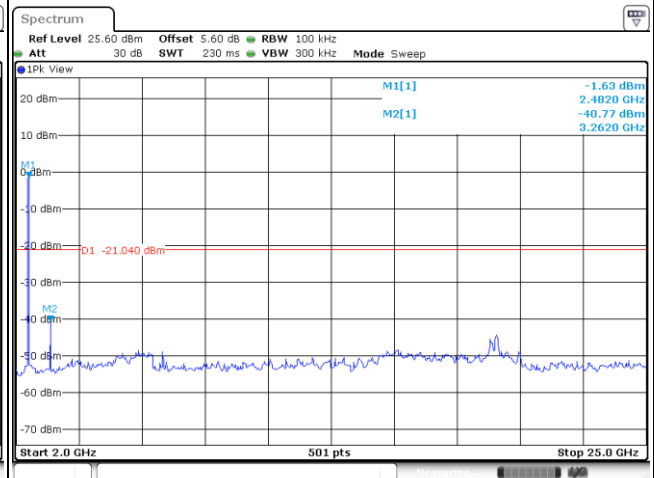
## Channel Plot



## Spurious Emission 30MHz~3GHz



## Spurious Emission 2GHz~25GHz



### 3.5 Radiated Band Edges and Spurious Emission Measurement

#### 3.5.1 Limit of Radiated band edge and Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

| Frequency<br>(MHz) | Field Strength<br>(microvolts/meter) | Measurement Distance<br>(meters) |
|--------------------|--------------------------------------|----------------------------------|
| 0.009 – 0.490      | 2400/F(kHz)                          | 300                              |
| 0.490 – 1.705      | 24000/F(kHz)                         | 30                               |
| 1.705 – 30.0       | 30                                   | 30                               |
| 30 – 88            | 100                                  | 3                                |
| 88 – 216           | 150                                  | 3                                |
| 216 - 960          | 200                                  | 3                                |
| Above 960          | 500                                  | 3                                |

#### 3.5.2 Measuring Instruments

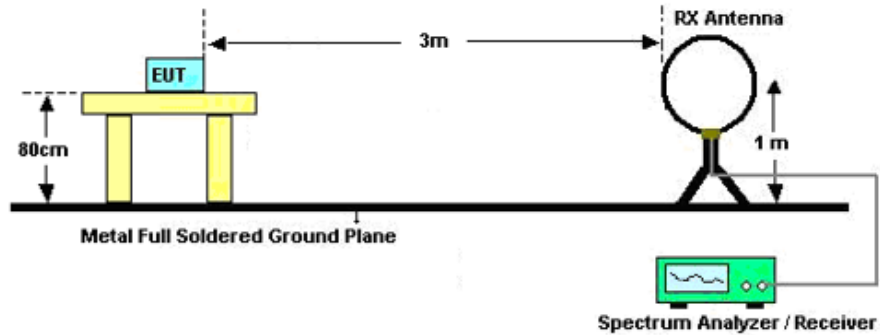
The measuring equipment is listed in the section 4 of this test report.

### 3.5.3 Test Procedures

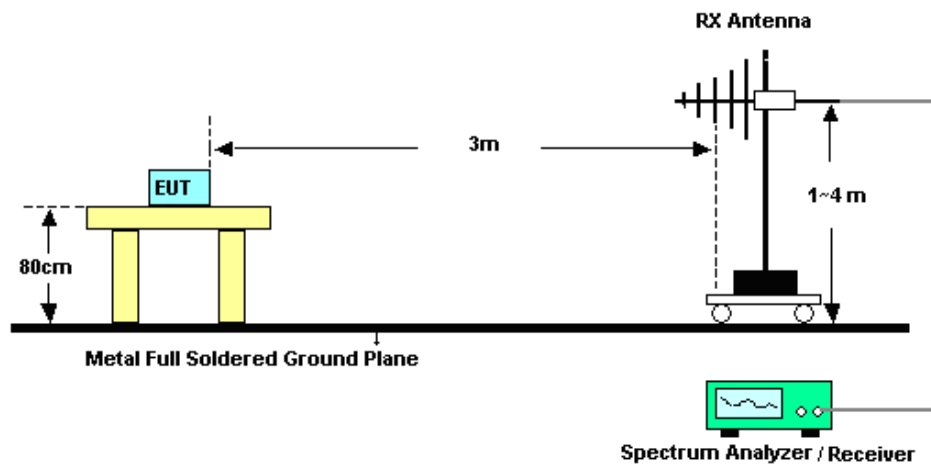
1. The testing follows ANSI C63.10-2013 clause 11.11 & 11.12
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. Use the following spectrum analyzer settings:
  - (1) Span shall wide enough to fully capture the emission being measured;
  - (2) Set RBW=100 kHz for  $f < 1$  GHz; VBW  $\geq$  RBW; Sweep = auto; Detector function = peak; Trace = max hold;
  - (3) Set RBW = 1 MHz, VBW= 3MHz for  $f \geq 1$  GHz for peak measurement.  
For average measurement:
    - VBW = 10 Hz, when duty cycle is no less than 98 percent.
    - VBW  $\geq 1/T$ , when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

### 3.5.4 Test Setup

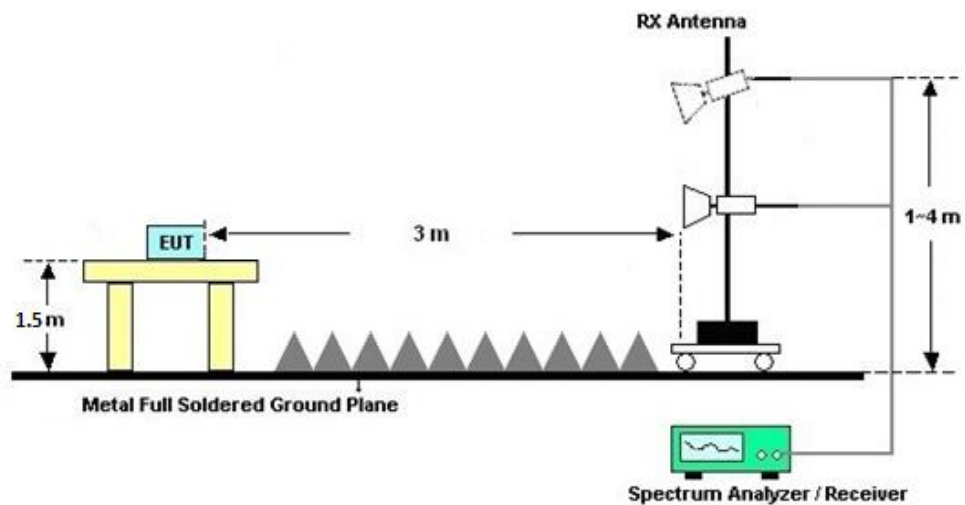
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





### **3.5.5 Test Results of Radiated Spurious Emissions (9kHz ~ 30MHz)**

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

### **3.5.6 Test Result of Radiated Spurious at Band Edges**

Please refer to Appendix C and D.

### **3.5.7 Duty Cycle**

Please refer to Appendix E.

### **3.5.8 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)**

Please refer to Appendix C and D.

## 3.6 AC Conducted Emission Measurement

### 3.6.1 Limit 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.

| Frequency of Emission<br>(MHz) | Conducted Limit (dB $\mu$ V) |           |
|--------------------------------|------------------------------|-----------|
|                                | 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.

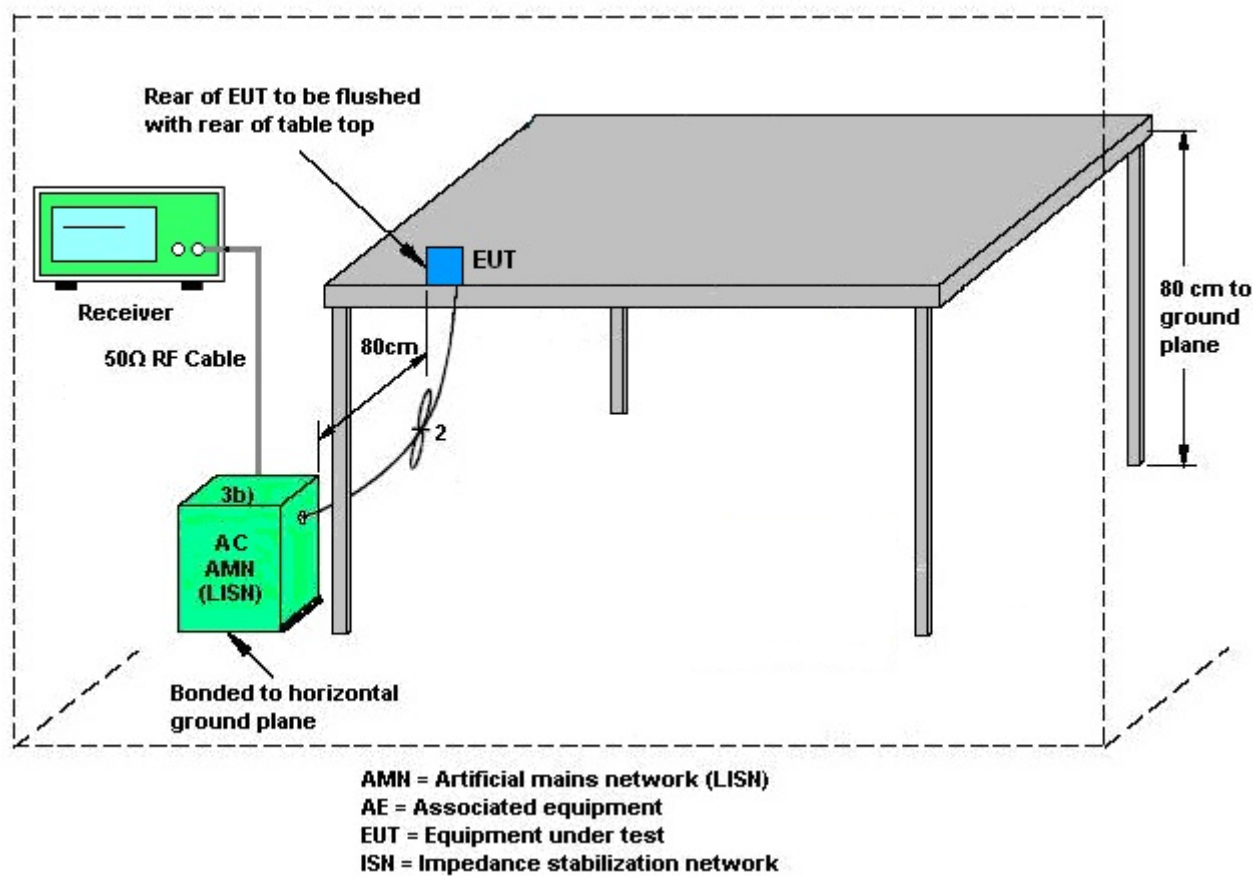
### 3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it 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 should 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.

### 3.6.4 Test Setup



### 3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



## **3.7 Antenna Requirements**

### **3.7.1 Standard Applicable**

If directional gain of transmitting Antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. The use of a permanently attached Antenna or of an Antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

### **3.7.2 Antenna Anti-Replacement Construction**

Non-standard antenna connector is used.

### **3.7.3 Antenna Gain**

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



## 4 List of Measuring Equipment

| Instrument                        | Manufacturer | Model No.              | Serial No.  | Characteristics         | Calibration Date | Test Date     | Due Date      | Remark                |
|-----------------------------------|--------------|------------------------|-------------|-------------------------|------------------|---------------|---------------|-----------------------|
| Spectrum Analyzer                 | R&S          | FSV40                  | 101040      | 10Hz~40GHz              | Oct. 14, 2021    | Jul. 26, 2022 | Oct. 13, 2022 | Conducted (TH01-KS)   |
| Pulse Power Sensor                | Anritsu      | MA2411B                | 0917070     | 300MHz~40GHz            | Jan. 05, 2022    | Jul. 26, 2022 | Jan. 04, 2023 | Conducted (TH01-KS)   |
| Power Meter                       | Anritsu      | ML2495A                | 1005002     | 50MHz Bandwidth         | Jan. 05, 2022    | Jul. 26, 2022 | Jan. 04, 2023 | Conducted (TH01-KS)   |
| EMI Test Receiver                 | Keysight     | N9038A                 | MY56400004  | 3Hz~8.5GHz;Max x 30dBm  | Oct. 16, 2021    | Aug. 08, 2022 | Oct. 15, 2022 | Radiation (03CH05-KS) |
| EXA Spectrum Analyzer             | Keysight     | N9010A                 | MY55150244  | 10Hz~44G,MAX 30dB       | Mar. 24, 2022    | Aug. 08, 2022 | Mar. 23, 2023 | Radiation (03CH05-KS) |
| Loop Antenna                      | R&S          | HFH2-Z2                | 100321      | 9kHz~30MHz              | Oct. 30, 2021    | Aug. 08, 2022 | Oct. 29, 2022 | Radiation (03CH05-KS) |
| Bilog Antenna                     | TeseQ        | CBL6111D               | 49922       | 30MHz~1GHz              | May 24, 2022     | Aug. 08, 2022 | May 23, 2023  | Radiation (03CH05-KS) |
| Double Ridge Horn Antenna         | ETS-Lindgren | 3117                   | 75957       | 1GHz~18GHz              | Nov. 08, 2021    | Aug. 08, 2022 | Nov. 07, 2022 | Radiation (03CH05-KS) |
| SHF-EHF Horn                      | Com-power    | AH-840                 | 101070      | 18GHz~40GHz             | Jan. 05, 2022    | Aug. 08, 2022 | Jan. 04, 2023 | Radiation (03CH05-KS) |
| Amplifier                         | SONOMA       | 310N                   | 380826      | 9KHz~1GHz               | Jul. 11, 2022    | Aug. 08, 2022 | Jul. 10, 2023 | Radiation (03CH05-KS) |
| Amplifier                         | MITEQ        | EM18G40GGA             | 060728      | 18~40GHz                | Jan. 05, 2022    | Aug. 08, 2022 | Jan. 04, 2023 | Radiation (03CH05-KS) |
| high gain Amplifier               | MITEQ        | AMF-7D-00101800-30-10P | 2012228     | 1Ghz~18Ghz              | Oct. 16, 2021    | Aug. 08, 2022 | Oct. 15, 2022 | Radiation (03CH05-KS) |
| Amplifier                         | Keysight     | 83017A                 | MY53270316  | 500MHz~26.5GHz          | Oct. 16, 2021    | Aug. 08, 2022 | Oct. 15, 2022 | Radiation (03CH05-KS) |
| AC Power Source                   | Chroma       | 61601                  | F104090004  | N/A                     | NCR              | Aug. 08, 2022 | NCR           | Radiation (03CH05-KS) |
| Turn Table                        | ChamPro      | EM 1000-T              | 060762-T    | 0~360 degree            | NCR              | Aug. 08, 2022 | NCR           | Radiation (03CH05-KS) |
| Antenna Mast                      | ChamPro      | EM 1000-A              | 060762-A    | 1 m~4 m                 | NCR              | Aug. 08, 2022 | NCR           | Radiation (03CH05-KS) |
| EMI Receiver                      | R&S          | ESCI7                  | 100768      | 9kHz~7GHz;              | May 24, 2022     | Jul. 27, 2022 | May 23, 2023  | Conduction (CO01-KS)  |
| AC LISN (for auxiliary equipment) | MessTec      | AN3016                 | 060103      | 9kHz~30MHz              | Oct. 14, 2021    | Jul. 27, 2022 | Oct. 13, 2022 | Conduction (CO01-KS)  |
| AC LISN                           | MessTec      | AN3016                 | 060105      | 9kHz~30MHz              | May 24, 2022     | Jul. 27, 2022 | May 23, 2023  | Conduction (CO01-KS)  |
| AC Power Source                   | Chroma       | 61602                  | ABP00000811 | AC 0V~300V, 45Hz~1000Hz | Oct. 14, 2021    | Jul. 27, 2022 | Oct. 13, 2022 | Conduction (CO01-KS)  |

NCR: No Calibration Required

## 5 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

### Uncertainty of Conducted Measurement

| Test Item                        | Uncertainty   |
|----------------------------------|---------------|
| Conducted Power                  | $\pm 0.56$ dB |
| Conducted Emissions              | $\pm 0.92$ dB |
| Occupied Channel Bandwidth       | $\pm 0.03$ %  |
| Conducted Power Spectral Density | $\pm 0.54$ dB |

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

|                                                                     |        |
|---------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 2.94dB |
|---------------------------------------------------------------------|--------|

### 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 |
|---------------------------------------------------------------------|-------|

----- THE END -----



## **Appendix A. Conducted Test Results**

Report Number : FR263001C

**A1 - DTS Part**

|                |             |                    |       |    |
|----------------|-------------|--------------------|-------|----|
| Test Engineer: | Jacob Zhang | Temperature:       | 21~25 | °C |
| Test Date:     | 2022/7/26   | Relative Humidity: | 51~54 | %  |

**TEST RESULTS DATA**  
**6dB and 99% Occupied Bandwidth**

| 2.4GHz Band |           |                 |     |             |                       |              |                    |           |
|-------------|-----------|-----------------|-----|-------------|-----------------------|--------------|--------------------|-----------|
| Mod.        | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | 99% Occupied BW (MHz) | 6dB BW (MHz) | 6dB BW Limit (MHz) | Pass/Fail |
| 11b         | 1Mbps     | 1               | 1   | 2412        | 13.19                 | 9.10         | 0.50               | Pass      |
| 11b         | 1Mbps     | 1               | 6   | 2437        | 13.24                 | 9.08         | 0.50               | Pass      |
| 11b         | 1Mbps     | 1               | 11  | 2462        | 13.19                 | 9.54         | 0.50               | Pass      |
| 11g         | 6Mbps     | 1               | 1   | 2412        | 16.88                 | 16.34        | 0.50               | Pass      |
| 11g         | 6Mbps     | 1               | 6   | 2437        | 16.93                 | 16.36        | 0.50               | Pass      |
| 11g         | 6Mbps     | 1               | 11  | 2462        | 16.88                 | 16.36        | 0.50               | Pass      |
| HT20        | MCS0      | 1               | 1   | 2412        | 17.43                 | 16.92        | 0.50               | Pass      |
| HT20        | MCS0      | 1               | 6   | 2437        | 17.43                 | 17.02        | 0.50               | Pass      |
| HT20        | MCS0      | 1               | 11  | 2462        | 17.43                 | 16.98        | 0.50               | Pass      |
| HT40        | MCS0      | 1               | 3   | 2422        | 33.97                 | 32.00        | 0.50               | Pass      |
| HT40        | MCS0      | 1               | 6   | 2437        | 34.17                 | 32.52        | 0.50               | Pass      |
| HT40        | MCS0      | 1               | 9   | 2452        | 34.27                 | 32.36        | 0.50               | Pass      |

**TEST RESULTS DATA**  
**Peak Power Table**

| 2.4GHz Band |           |                 |     |             |                            |                             |          |                  |                        |            |
|-------------|-----------|-----------------|-----|-------------|----------------------------|-----------------------------|----------|------------------|------------------------|------------|
| Mod.        | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Peak Conducted Power (dBm) | Conducted Power Limit (dBm) | DG (dBi) | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
| 11b         | 1Mbps     | 1               | 1   | 2412        | 20.07                      | 30.00                       | 3.26     | 23.33            | 36.00                  | Pass       |
| 11b         | 1Mbps     | 1               | 6   | 2437        | 21.06                      | 30.00                       | 3.26     | 24.32            | 36.00                  | Pass       |
| 11b         | 1Mbps     | 1               | 11  | 2462        | 21.09                      | 30.00                       | 3.26     | 24.35            | 36.00                  | Pass       |
| 11g         | 6Mbps     | 1               | 1   | 2412        | 21.64                      | 30.00                       | 3.26     | 24.90            | 36.00                  | Pass       |
| 11g         | 6Mbps     | 1               | 6   | 2437        | 22.38                      | 30.00                       | 3.26     | 25.64            | 36.00                  | Pass       |
| 11g         | 6Mbps     | 1               | 11  | 2462        | 22.04                      | 30.00                       | 3.26     | 25.30            | 36.00                  | Pass       |
| HT20        | MCS0      | 1               | 1   | 2412        | 22.22                      | 30.00                       | 3.26     | 25.48            | 36.00                  | Pass       |
| HT20        | MCS0      | 1               | 6   | 2437        | 22.70                      | 30.00                       | 3.26     | 25.96            | 36.00                  | Pass       |
| HT20        | MCS0      | 1               | 11  | 2462        | 22.32                      | 30.00                       | 3.26     | 25.58            | 36.00                  | Pass       |
| HT40        | MCS0      | 1               | 3   | 2422        | 21.87                      | 30.00                       | 3.26     | 25.13            | 36.00                  | Pass       |
| HT40        | MCS0      | 1               | 6   | 2437        | 21.90                      | 30.00                       | 3.26     | 25.16            | 36.00                  | Pass       |
| HT40        | MCS0      | 1               | 9   | 2452        | 21.72                      | 30.00                       | 3.26     | 24.98            | 36.00                  | Pass       |

**TEST RESULTS DATA**  
**Average Power Table**  
**(Reporting Only)**

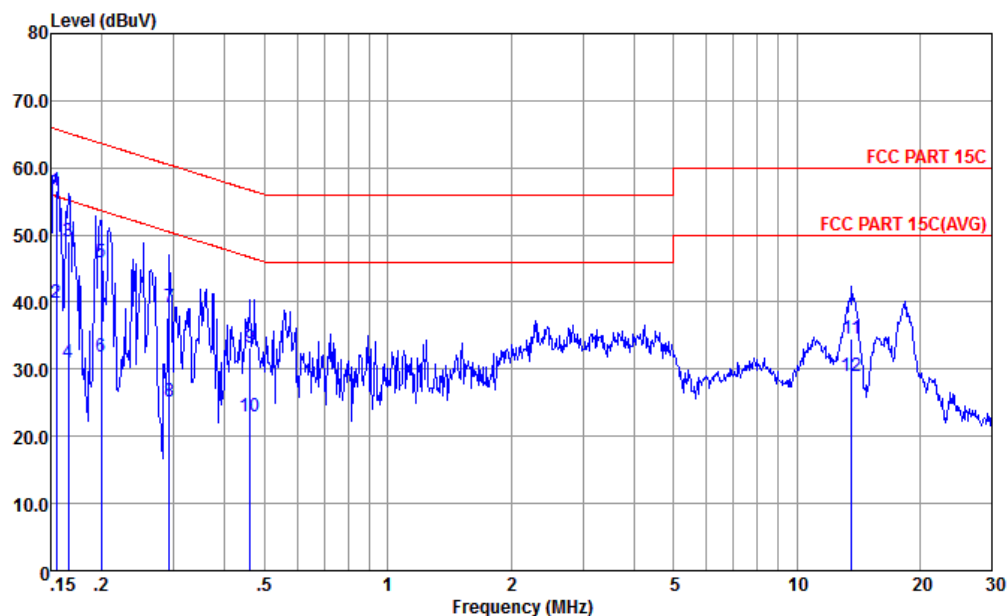
| 2.4GHz Band |           |                 |     |             |                  |                               |
|-------------|-----------|-----------------|-----|-------------|------------------|-------------------------------|
| Mod.        | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Duty Factor (dB) | Average Conducted Power (dBm) |
| 11b         | 1Mbps     | 1               | 1   | 2412        | 0.00             | 17.02                         |
| 11b         | 1Mbps     | 1               | 6   | 2437        | 0.00             | 18.14                         |
| 11b         | 1Mbps     | 1               | 11  | 2462        | 0.00             | 18.10                         |
| 11g         | 6Mbps     | 1               | 1   | 2412        | 0.00             | 15.95                         |
| 11g         | 6Mbps     | 1               | 6   | 2437        | 0.00             | 16.84                         |
| 11g         | 6Mbps     | 1               | 11  | 2462        | 0.00             | 16.57                         |
| HT20        | MCS0      | 1               | 1   | 2412        | 0.00             | 15.96                         |
| HT20        | MCS0      | 1               | 6   | 2437        | 0.00             | 16.65                         |
| HT20        | MCS0      | 1               | 11  | 2462        | 0.00             | 16.06                         |
| HT40        | MCS0      | 1               | 3   | 2422        | 0.00             | 15.72                         |
| HT40        | MCS0      | 1               | 6   | 2437        | 0.00             | 16.01                         |
| HT40        | MCS0      | 1               | 9   | 2452        | 0.00             | 15.66                         |

**TEST RESULTS DATA**  
**Peak Power Density**

| 2.4GHz Band |           |                 |     |             |                      |          |                            |           |
|-------------|-----------|-----------------|-----|-------------|----------------------|----------|----------------------------|-----------|
| Mod.        | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Peak PSD (dBm /3kHz) | DG (dBi) | Peak PSD Limit (dBm /3kHz) | Pass/Fail |
| 11b         | 1Mbps     | 1               | 1   | 2412        | -7.31                | 3.26     | 8.00                       | Pass      |
| 11b         | 1Mbps     | 1               | 6   | 2437        | -6.40                | 3.26     | 8.00                       | Pass      |
| 11b         | 1Mbps     | 1               | 11  | 2462        | -6.51                | 3.26     | 8.00                       | Pass      |
| 11g         | 6Mbps     | 1               | 1   | 2412        | -12.73               | 3.26     | 8.00                       | Pass      |
| 11g         | 6Mbps     | 1               | 6   | 2437        | -12.49               | 3.26     | 8.00                       | Pass      |
| 11g         | 6Mbps     | 1               | 11  | 2462        | -12.29               | 3.26     | 8.00                       | Pass      |
| HT20        | MCS0      | 1               | 1   | 2412        | -12.18               | 3.26     | 8.00                       | Pass      |
| HT20        | MCS0      | 1               | 6   | 2437        | -11.90               | 3.26     | 8.00                       | Pass      |
| HT20        | MCS0      | 1               | 11  | 2462        | -12.04               | 3.26     | 8.00                       | Pass      |
| HT40        | MCS0      | 1               | 3   | 2422        | -13.72               | 3.26     | 8.00                       | Pass      |
| HT40        | MCS0      | 1               | 6   | 2437        | -13.47               | 3.26     | 8.00                       | Pass      |
| HT40        | MCS0      | 1               | 9   | 2452        | -13.28               | 3.26     | 8.00                       | Pass      |

## Appendix B. AC Conducted Emission Test Results

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

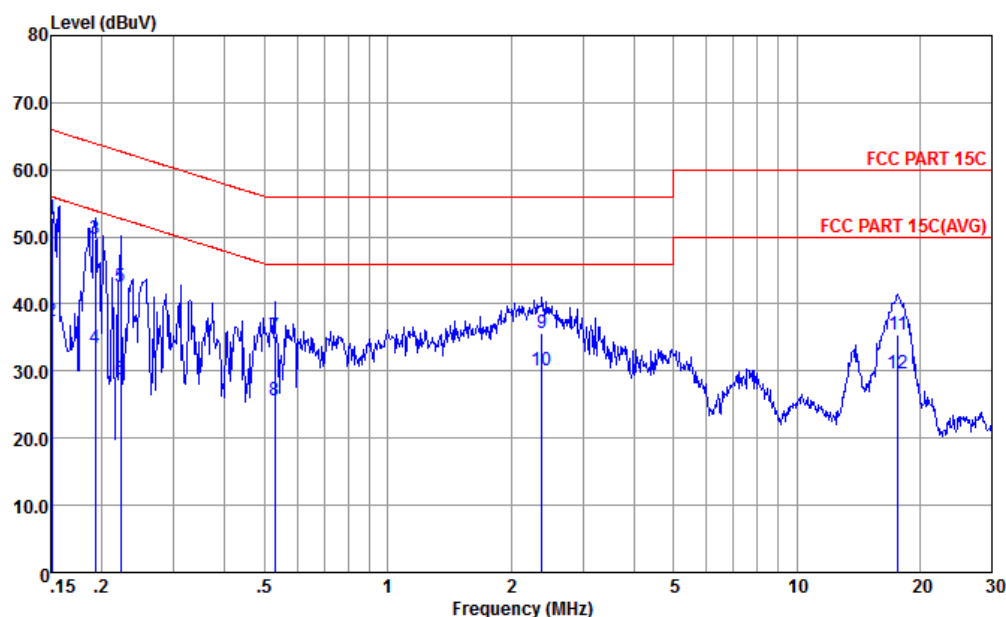


Site : CO01-KS  
Condition : FCC PART 15C LISN-060105-L LINE

|     | Freq   | Level | Over   | Limit | Read  | LISN   | Cable |         |
|-----|--------|-------|--------|-------|-------|--------|-------|---------|
|     | MHz    | dBuV  | Limit  | Line  | Level | Factor | Loss  | Remark  |
|     | MHz    | dBuV  | dB     | dBuV  | dBuV  | dB     | dB    |         |
| 1 * | 0.155  | 56.69 | -9.05  | 65.74 | 46.20 | 0.02   | 10.47 | QP      |
| 2   | 0.155  | 39.79 | -15.95 | 55.74 | 29.30 | 0.02   | 10.47 | Average |
| 3   | 0.166  | 49.07 | -16.09 | 65.16 | 38.60 | 0.03   | 10.44 | QP      |
| 4   | 0.166  | 31.07 | -24.09 | 55.16 | 20.60 | 0.03   | 10.44 | Average |
| 5   | 0.200  | 46.01 | -17.61 | 63.62 | 35.61 | 0.04   | 10.36 | QP      |
| 6   | 0.200  | 31.91 | -21.71 | 53.62 | 21.51 | 0.04   | 10.36 | Average |
| 7   | 0.292  | 39.18 | -21.28 | 60.46 | 28.80 | 0.07   | 10.31 | QP      |
| 8   | 0.292  | 25.18 | -25.28 | 50.46 | 14.80 | 0.07   | 10.31 | Average |
| 9   | 0.461  | 33.14 | -23.53 | 56.67 | 22.79 | 0.10   | 10.25 | QP      |
| 10  | 0.461  | 22.94 | -23.73 | 46.67 | 12.59 | 0.10   | 10.25 | Average |
| 11  | 13.623 | 34.46 | -25.54 | 60.00 | 23.80 | 0.28   | 10.38 | QP      |
| 12  | 13.623 | 28.86 | -21.14 | 50.00 | 18.20 | 0.28   | 10.38 | Average |



|                 |                                                                                 |                     |             |
|-----------------|---------------------------------------------------------------------------------|---------------------|-------------|
| Test Engineer : | Amos Zhang                                                                      | Temperature :       | 25.3~26.2°C |
|                 |                                                                                 | 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 PART 15C LISN-060105-N NEUTRAL

|     | Freq   | Level | Over   | Limit | Read  | LISN   | Cable |         |
|-----|--------|-------|--------|-------|-------|--------|-------|---------|
|     | MHz    | dBuV  | Limit  | Line  | Level | Factor | Loss  | Remark  |
|     |        |       | dB     | dBuV  | dBuV  | dB     | dB    |         |
| 1 * | 0.151  | 52.79 | -13.17 | 65.96 | 42.20 | 0.11   | 10.48 | QP      |
| 2   | 0.151  | 37.49 | -18.47 | 55.96 | 26.90 | 0.11   | 10.48 | Average |
| 3   | 0.192  | 49.68 | -14.25 | 63.93 | 39.20 | 0.10   | 10.38 | QP      |
| 4   | 0.192  | 33.38 | -20.55 | 53.93 | 22.90 | 0.10   | 10.38 | Average |
| 5   | 0.222  | 42.65 | -20.09 | 62.74 | 32.20 | 0.10   | 10.35 | QP      |
| 6   | 0.222  | 28.65 | -24.09 | 52.74 | 18.20 | 0.10   | 10.35 | Average |
| 7   | 0.529  | 35.25 | -20.75 | 56.00 | 24.90 | 0.11   | 10.24 | QP      |
| 8   | 0.529  | 25.65 | -20.35 | 46.00 | 15.30 | 0.11   | 10.24 | Average |
| 9   | 2.384  | 35.58 | -20.42 | 56.00 | 25.21 | 0.14   | 10.23 | QP      |
| 10  | 2.384  | 29.98 | -16.02 | 46.00 | 19.61 | 0.14   | 10.23 | Average |
| 11  | 17.661 | 35.51 | -24.49 | 60.00 | 24.63 | 0.43   | 10.45 | QP      |
| 12  | 17.661 | 29.68 | -20.32 | 50.00 | 18.80 | 0.43   | 10.45 | Average |

Note:

- Level(dBuV) = Read Level(dBuV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBuV) – Limit Line(dBuV)



## Appendix C. Radiated Spurious Emission

|                 |          |                     |         |
|-----------------|----------|---------------------|---------|
| Test Engineer : | Carry Xu | Temperature :       | 22~23°C |
|                 |          | Relative Humidity : | 41~42%  |

| Channel    | Power setting |
|------------|---------------|
| 11b CH01   | 0             |
| 11b CH06   | 0             |
| 11b CH11   | 0             |
| 11g CH01   | 0             |
| 11g CH06   | 0             |
| 11g CH11   | 1             |
| 11n20 CH01 | 0             |
| 11n20 CH06 | 0             |
| 11n20 CH11 | 2             |
| 11n40 CH03 | 0             |
| 11n40 CH06 | 0             |
| 11n40 CH09 | 1             |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Band Edge @ 3m)

| WIFI                        | Note                                                                                        | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak    | Pol.    |
|-----------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                        |                                                                                             |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1                           |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11b<br>CH 01<br>2412MHz |                                                                                             | 2371.1    | 54.3       | -19.7  | 74         | 51.24    | 32.86    | 7.07   | 36.87  | 134    | 177     | P       | H       |
|                             |                                                                                             | 2371.23   | 43.47      | -10.53 | 54         | 40.41    | 32.86    | 7.07   | 36.87  | 134    | 177     | A       | H       |
|                             | *                                                                                           | 2412      | 114.63     | -      | -          | 111.45   | 32.9     | 7.13   | 36.85  | 134    | 177     | P       | H       |
|                             | *                                                                                           | 2412      | 107.28     | -      | -          | 104.1    | 32.9     | 7.13   | 36.85  | 134    | 177     | A       | H       |
|                             |                                                                                             | 2380.33   | 53.4       | -20.6  | 74         | 50.31    | 32.86    | 7.1    | 36.87  | 392    | 232     | P       | V       |
|                             |                                                                                             | 2389.43   | 41.89      | -12.11 | 54         | 38.77    | 32.88    | 7.1    | 36.86  | 392    | 232     | A       | V       |
|                             | *                                                                                           | 2410      | 111.97     | -      | -          | 108.79   | 32.9     | 7.13   | 36.85  | 392    | 232     | P       | V       |
|                             | *                                                                                           | 2410      | 104.55     | -      | -          | 101.37   | 32.9     | 7.13   | 36.85  | 392    | 232     | A       | V       |
| 802.11b<br>CH 11<br>2462MHz |                                                                                             | 2483.68   | 53.61      | -20.39 | 74         | 50.2     | 32.98    | 7.25   | 36.82  | 268    | 183     | P       | H       |
|                             |                                                                                             | 2484.52   | 43.73      | -10.27 | 54         | 40.32    | 32.98    | 7.25   | 36.82  | 268    | 183     | A       | H       |
|                             | *                                                                                           | 2460      | 114.78     | -      | -          | 111.43   | 32.96    | 7.22   | 36.83  | 268    | 183     | P       | H       |
|                             | *                                                                                           | 2460      | 107.22     | -      | -          | 103.87   | 32.96    | 7.22   | 36.83  | 268    | 183     | A       | H       |
|                             |                                                                                             | 2483.86   | 52.72      | -21.28 | 74         | 49.31    | 32.98    | 7.25   | 36.82  | 379    | 224     | P       | V       |
|                             |                                                                                             | 2483.5    | 42.65      | -11.35 | 54         | 39.24    | 32.98    | 7.25   | 36.82  | 379    | 224     | A       | V       |
|                             | *                                                                                           | 2460      | 111.25     | -      | -          | 107.9    | 32.96    | 7.22   | 36.83  | 379    | 224     | P       | V       |
|                             | *                                                                                           | 2462      | 103.78     | -      | -          | 100.43   | 32.96    | 7.22   | 36.83  | 379    | 224     | A       | V       |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |          |          |        |        |        |         |         |         |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Harmonic @ 3m)

| WIFI<br>Ant.<br>1           | Note                                                                                                                                                           | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11b<br>CH 01<br>2412MHz |                                                                                                                                                                | 3210                 | 52.17               | -34.09                  | 86.26                       | 75.58                     | 33.02                         | 8.3                    | 64.73                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                                                                                                | 4830                 | 48.22               | -25.78                  | 74                          | 69.15                     | 34.2                          | 10.25                  | 65.38                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                                                                                                | 3210                 | 49.52               | -35.88                  | 85.40                       | 72.93                     | 33.02                         | 8.3                    | 64.73                      | 100                  | 0                       | P                       | V               |
|                             |                                                                                                                                                                | 4830                 | 43.88               | -30.12                  | 74                          | 64.81                     | 34.2                          | 10.25                  | 65.38                      | 100                  | 0                       | P                       | V               |
| 802.11b<br>CH 06<br>2437MHz |                                                                                                                                                                | 3255                 | 51.62               | -34.84                  | 86.46                       | 74.96                     | 33                            | 8.37                   | 64.71                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                                                                                                | 4875                 | 49.39               | -24.61                  | 74                          | 70.29                     | 34.23                         | 10.29                  | 65.42                      | 100                  | 84                      | P                       | H               |
|                             |                                                                                                                                                                | 4875                 | 44.39               | -9.61                   | 54                          | 65.29                     | 34.23                         | 10.29                  | 65.42                      | 100                  | 84                      | A                       | H               |
|                             |                                                                                                                                                                | 7305                 | 50.48               | -23.52                  | 74                          | 67.81                     | 35.86                         | 12.72                  | 65.91                      | 108                  | 281                     | P                       | H               |
|                             |                                                                                                                                                                | 3255                 | 47.62               | -35.78                  | 83.40                       | 70.96                     | 33                            | 8.37                   | 64.71                      | 100                  | 0                       | P                       | V               |
|                             |                                                                                                                                                                | 4875                 | 44.74               | -29.26                  | 74                          | 65.64                     | 34.23                         | 10.29                  | 65.42                      | 100                  | 0                       | P                       | V               |
|                             |                                                                                                                                                                | 7305                 | 45.04               | -28.96                  | 74                          | 62.37                     | 35.86                         | 12.72                  | 65.91                      | 100                  | 0                       | P                       | V               |
| 802.11b<br>CH 11<br>2462MHz |                                                                                                                                                                | 3285                 | 51.7                | -35.6                   | 87.30                       | 75.03                     | 32.99                         | 8.39                   | 64.71                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                                                                                                | 4920                 | 46.89               | -27.11                  | 74                          | 67.74                     | 34.26                         | 10.34                  | 65.45                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                                                                                                | 7380                 | 48.45               | -25.55                  | 74                          | 65.95                     | 35.88                         | 12.73                  | 66.11                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                                                                                                | 4920                 | 44.42               | -29.58                  | 74                          | 65.27                     | 34.26                         | 10.34                  | 65.45                      | 100                  | 0                       | P                       | V               |
|                             |                                                                                                                                                                | 7380                 | 45.94               | -28.06                  | 74                          | 63.44                     | 35.88                         | 12.73                  | 66.11                      | 100                  | 0                       | P                       | V               |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. Non-restricted frequency bands limit is 100KHz PSD down 20dB |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



**2.4GHz 2400~2483.5MHz**  
**WIFI 802.11g (Band Edge @ 3m)**

| WIFI<br>Ant.<br>1                    | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| <b>802.11g<br/>CH 01<br/>2412MHz</b> |                                                                                             | 2389.3               | 58.51               | -15.49                  | 74                          | 55.39                     | 32.88                         | 7.1                    | 36.86                      | 311                  | 275                     | P                       | H               |
|                                      |                                                                                             | 2389.95              | 48.16               | -5.84                   | 54                          | 45.04                     | 32.88                         | 7.1                    | 36.86                      | 311                  | 275                     | A                       | H               |
|                                      | *                                                                                           | 2412                 | 110.26              | -                       | -                           | 107.08                    | 32.9                          | 7.13                   | 36.85                      | 311                  | 275                     | P                       | H               |
|                                      | *                                                                                           | 2418                 | 102.91              | -                       | -                           | 99.7                      | 32.9                          | 7.16                   | 36.85                      | 311                  | 275                     | A                       | H               |
|                                      |                                                                                             | 2389.43              | 57.49               | -16.51                  | 74                          | 54.37                     | 32.88                         | 7.1                    | 36.86                      | 391                  | 227                     | P                       | V               |
|                                      |                                                                                             | 2389.95              | 47.25               | -6.75                   | 54                          | 44.13                     | 32.88                         | 7.1                    | 36.86                      | 391                  | 227                     | A                       | V               |
|                                      | *                                                                                           | 2406                 | 108.48              | -                       | -                           | 105.3                     | 32.9                          | 7.13                   | 36.85                      | 391                  | 227                     | P                       | V               |
|                                      | *                                                                                           | 2408                 | 101.04              | -                       | -                           | 97.86                     | 32.9                          | 7.13                   | 36.85                      | 391                  | 227                     | A                       | V               |
| <b>802.11g<br/>CH 11<br/>2462MHz</b> |                                                                                             | 2483.74              | 62.82               | -11.18                  | 74                          | 59.41                     | 32.98                         | 7.25                   | 36.82                      | 159                  | 182                     | P                       | H               |
|                                      |                                                                                             | 2483.5               | 52.49               | -1.51                   | 54                          | 49.08                     | 32.98                         | 7.25                   | 36.82                      | 159                  | 182                     | A                       | H               |
|                                      | *                                                                                           | 2456                 | 111.17              | -                       | -                           | 107.82                    | 32.96                         | 7.22                   | 36.83                      | 159                  | 182                     | P                       | H               |
|                                      | *                                                                                           | 2456                 | 103.52              | -                       | -                           | 100.17                    | 32.96                         | 7.22                   | 36.83                      | 159                  | 182                     | A                       | H               |
|                                      |                                                                                             | 2483.74              | 61.95               | -12.05                  | 74                          | 58.54                     | 32.98                         | 7.25                   | 36.82                      | 376                  | 219                     | P                       | V               |
|                                      |                                                                                             | 2483.5               | 51.42               | -2.58                   | 54                          | 48.01                     | 32.98                         | 7.25                   | 36.82                      | 376                  | 219                     | A                       | V               |
|                                      | *                                                                                           | 2456                 | 108.59              | -                       | -                           | 105.24                    | 32.96                         | 7.22                   | 36.83                      | 376                  | 219                     | P                       | V               |
|                                      | *                                                                                           | 2456                 | 100.9               | -                       | -                           | 97.55                     | 32.96                         | 7.22                   | 36.83                      | 376                  | 219                     | A                       | V               |
| <b>Remark</b>                        | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Harmonic @ 3m)

| WIFI<br>Ant.<br>1           | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-----------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11g<br>CH 01<br>2412MHz |                                                                                             | 3210                 | 52.11               | -31.13                  | 83.24                       | 75.52                     | 33.02                         | 8.3                    | 64.73                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                             | 4830                 | 43.71               | -30.29                  | 74                          | 64.64                     | 34.2                          | 10.25                  | 65.38                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                             | 3210                 | 49.74               | -31.21                  | 80.95                       | 73.15                     | 33.02                         | 8.3                    | 64.73                      | 100                  | 0                       | P                       | V               |
|                             |                                                                                             | 4830                 | 40.84               | -33.16                  | 74                          | 61.77                     | 34.2                          | 10.25                  | 65.38                      | 100                  | 0                       | P                       | V               |
| 802.11g<br>CH 06<br>2437MHz |                                                                                             | 3255                 | 48.9                | -32.57                  | 81.47                       | 105.24                    | 0                             | 8.37                   | 64.71                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                             | 4875                 | 43.28               | -30.72                  | 74                          | 64.18                     | 34.23                         | 10.29                  | 65.42                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                             | 7320                 | 47.44               | -26.56                  | 74                          | 64.81                     | 35.87                         | 12.72                  | 65.96                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                             | 3255                 | 47.19               | -29.98                  | 77.17                       | 70.53                     | 33                            | 8.37                   | 64.71                      | 100                  | 0                       | P                       | V               |
|                             |                                                                                             | 4875                 | 42.11               | -31.89                  | 74                          | 63.01                     | 34.23                         | 10.29                  | 65.42                      | 100                  | 0                       | P                       | V               |
|                             |                                                                                             | 7305                 | 43.47               | -30.53                  | 74                          | 60.8                      | 35.86                         | 12.72                  | 65.91                      | 100                  | 0                       | P                       | V               |
| 802.11g<br>CH 11<br>2462MHz |                                                                                             | 3285                 | 48.79               | -32.48                  | 81.27                       | 72.12                     | 32.99                         | 8.39                   | 64.71                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                             | 4920                 | 42.72               | -31.28                  | 74                          | 63.57                     | 34.26                         | 10.34                  | 65.45                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                             | 7395                 | 47.2                | -26.8                   | 74                          | 64.75                     | 35.88                         | 12.73                  | 66.16                      | 300                  | 0                       | P                       | H               |
|                             |                                                                                             | 4920                 | 40.72               | -33.28                  | 74                          | 61.57                     | 34.26                         | 10.34                  | 65.45                      | 100                  | 0                       | P                       | V               |
|                             |                                                                                             | 7380                 | 43.01               | -30.99                  | 74                          | 60.51                     | 35.88                         | 12.73                  | 66.11                      | 100                  | 0                       | P                       | V               |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT20 (Band Edge @ 3m)

| WIFI<br>Ant.<br>1                   | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11n<br>HT20<br>CH 01<br>2412MHz |                                                                                             | 2389.69              | 61.07               | -12.93                  | 74                          | 57.95                     | 32.88                         | 7.1                    | 36.86                      | 135                  | 175                     | P                       | H               |
|                                     |                                                                                             | 2389.95              | 49.03               | -4.97                   | 54                          | 45.91                     | 32.88                         | 7.1                    | 36.86                      | 135                  | 175                     | A                       | H               |
|                                     | *                                                                                           | 2416                 | 111.75              | -                       | -                           | 108.54                    | 32.9                          | 7.16                   | 36.85                      | 135                  | 175                     | P                       | H               |
|                                     | *                                                                                           | 2418                 | 103.66              | -                       | -                           | 100.45                    | 32.9                          | 7.16                   | 36.85                      | 135                  | 175                     | A                       | H               |
|                                     |                                                                                             | 2389.69              | 59.52               | -14.48                  | 74                          | 56.4                      | 32.88                         | 7.1                    | 36.86                      | 391                  | 228                     | P                       | V               |
|                                     |                                                                                             | 2389.95              | 47.68               | -6.32                   | 54                          | 44.56                     | 32.88                         | 7.1                    | 36.86                      | 391                  | 228                     | A                       | V               |
|                                     | *                                                                                           | 2412                 | 108.51              | -                       | -                           | 105.33                    | 32.9                          | 7.13                   | 36.85                      | 391                  | 228                     | P                       | V               |
|                                     | *                                                                                           | 2406                 | 100.95              | -                       | -                           | 97.77                     | 32.9                          | 7.13                   | 36.85                      | 391                  | 228                     | A                       | V               |
| 802.11n<br>HT20<br>CH 11<br>2462MHz |                                                                                             | 2483.56              | 64.49               | -9.51                   | 74                          | 61.08                     | 32.98                         | 7.25                   | 36.82                      | 160                  | 174                     | P                       | H               |
|                                     |                                                                                             | 2483.5               | 52.07               | -1.93                   | 54                          | 48.66                     | 32.98                         | 7.25                   | 36.82                      | 160                  | 174                     | A                       | H               |
|                                     | *                                                                                           | 2458                 | 110.89              | -                       | -                           | 107.54                    | 32.96                         | 7.22                   | 36.83                      | 160                  | 174                     | P                       | H               |
|                                     | *                                                                                           | 2456                 | 103.48              | -                       | -                           | 100.13                    | 32.96                         | 7.22                   | 36.83                      | 160                  | 174                     | A                       | H               |
|                                     |                                                                                             | 2483.5               | 63.41               | -10.59                  | 74                          | 60                        | 32.98                         | 7.25                   | 36.82                      | 376                  | 214                     | P                       | V               |
|                                     |                                                                                             | 2483.5               | 50.28               | -3.72                   | 54                          | 46.87                     | 32.98                         | 7.25                   | 36.82                      | 376                  | 214                     | A                       | V               |
|                                     | *                                                                                           | 2454                 | 107.8               | -                       | -                           | 104.45                    | 32.96                         | 7.22                   | 36.83                      | 376                  | 214                     | P                       | V               |
|                                     | *                                                                                           | 2456                 | 99.93               | -                       | -                           | 96.58                     | 32.96                         | 7.22                   | 36.83                      | 376                  | 214                     | A                       | V               |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



**2.4GHz 2400~2483.5MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>1                   | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11n<br>HT20<br>CH 01<br>2412MHz |                                                                                             | 3210                 | 52.14               | -30.01                  | 82.15                       | 75.55                     | 33.02                         | 8.3                    | 64.73                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 4830                 | 43.75               | -30.25                  | 74                          | 64.68                     | 34.2                          | 10.25                  | 65.38                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 3210                 | 49.49               | -31.5                   | 80.99                       | 72.9                      | 33.02                         | 8.3                    | 64.73                      | 100                  | 0                       | P                       | V               |
|                                     |                                                                                             | 4830                 | 41.16               | -32.84                  | 74                          | 62.09                     | 34.2                          | 10.25                  | 65.38                      | 100                  | 0                       | P                       | V               |
| 802.11n<br>HT20<br>CH 06<br>2437MHz |                                                                                             | 3255                 | 51.03               | -31                     | 82.03                       | 74.37                     | 33                            | 8.37                   | 64.71                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 4875                 | 43.88               | -30.12                  | 74                          | 64.78                     | 34.23                         | 10.29                  | 65.42                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 7305                 | 45.9                | -28.1                   | 74                          | 63.23                     | 35.86                         | 12.72                  | 65.91                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 3255                 | 47.38               | -32.86                  | 80.24                       | 70.72                     | 33                            | 8.37                   | 64.71                      | 100                  | 0                       | P                       | V               |
|                                     |                                                                                             | 4875                 | 42.58               | -31.42                  | 74                          | 63.48                     | 34.23                         | 10.29                  | 65.42                      | 100                  | 0                       | P                       | V               |
|                                     |                                                                                             | 7305                 | 43.29               | -30.71                  | 74                          | 60.62                     | 35.86                         | 12.72                  | 65.91                      | 100                  | 0                       | P                       | V               |
| 802.11n<br>HT20<br>CH 11<br>2462MHz |                                                                                             | 3285                 | 51.64               | -31.21                  | 82.85                       | 74.97                     | 32.99                         | 8.39                   | 64.71                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 4920                 | 41.72               | -32.28                  | 74                          | 62.57                     | 34.26                         | 10.34                  | 65.45                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 7380                 | 45.6                | -28.4                   | 74                          | 63.1                      | 35.88                         | 12.73                  | 66.11                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 4920                 | 40.97               | -33.03                  | 74                          | 61.82                     | 34.26                         | 10.34                  | 65.45                      | 100                  | 0                       | P                       | V               |
|                                     |                                                                                             | 7380                 | 42.49               | -31.51                  | 74                          | 59.99                     | 35.88                         | 12.73                  | 66.11                      | 100                  | 0                       | P                       | V               |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11n HT40 (Band Edge @ 3m)

| WIFI<br>Ant.<br>1                   | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11n<br>HT40<br>CH 03<br>2422MHz |      | 2389.82              | 61.99               | -12.01                  | 74                          | 58.87                     | 32.88                         | 7.1                    | 36.86                      | 163                  | 174                     | P                       | H               |
|                                     |      | 2389.04              | 50.04               | -3.96                   | 54                          | 46.92                     | 32.88                         | 7.1                    | 36.86                      | 163                  | 174                     | A                       | H               |
|                                     |      | 2499.76              | 53.86               | -20.14                  | 74                          | 50.39                     | 33                            | 7.28                   | 36.81                      | 163                  | 174                     | P                       | H               |
|                                     |      | 2496.7               | 41.67               | -12.33                  | 54                          | 38.2                      | 33                            | 7.28                   | 36.81                      | 163                  | 174                     | A                       | H               |
|                                     | *    | 2432                 | 108.78              | -                       | -                           | 105.55                    | 32.92                         | 7.16                   | 36.85                      | 163                  | 174                     | P                       | H               |
|                                     | *    | 2430                 | 100.8               | -                       | -                           | 97.57                     | 32.92                         | 7.16                   | 36.85                      | 163                  | 174                     | A                       | H               |
|                                     |      | 2389.69              | 55.24               | -18.76                  | 74                          | 52.12                     | 32.88                         | 7.1                    | 36.86                      | 385                  | 208                     | P                       | V               |
|                                     |      | 2389.82              | 44.4                | -9.6                    | 54                          | 41.28                     | 32.88                         | 7.1                    | 36.86                      | 385                  | 208                     | A                       | V               |
|                                     |      | 2489.38              | 50.33               | -23.67                  | 74                          | 46.89                     | 33                            | 7.25                   | 36.81                      | 385                  | 208                     | P                       | V               |
|                                     |      | 2483.56              | 39.45               | -14.55                  | 54                          | 36.04                     | 32.98                         | 7.25                   | 36.82                      | 385                  | 208                     | A                       | V               |
|                                     | *    | 2432                 | 105.72              | -                       | -                           | 102.49                    | 32.92                         | 7.16                   | 36.85                      | 385                  | 208                     | P                       | V               |
|                                     | *    | 2430                 | 98.09               | -                       | -                           | 94.86                     | 32.92                         | 7.16                   | 36.85                      | 385                  | 208                     | A                       | V               |
| 802.11n<br>HT40<br>CH 06<br>2437MHz |      | 2389.43              | 57.22               | -16.78                  | 74                          | 54.1                      | 32.88                         | 7.1                    | 36.86                      | 163                  | 173                     | P                       | H               |
|                                     |      | 2389.69              | 46.96               | -7.04                   | 54                          | 43.84                     | 32.88                         | 7.1                    | 36.86                      | 163                  | 173                     | A                       | H               |
|                                     |      | 2492.62              | 54.64               | -19.36                  | 74                          | 51.17                     | 33                            | 7.28                   | 36.81                      | 163                  | 173                     | P                       | H               |
|                                     |      | 2492.38              | 42.38               | -11.62                  | 54                          | 38.91                     | 33                            | 7.28                   | 36.81                      | 163                  | 173                     | A                       | H               |
|                                     | *    | 2428                 | 109                 | -                       | -                           | 105.77                    | 32.92                         | 7.16                   | 36.85                      | 163                  | 173                     | P                       | H               |
|                                     | *    | 2428                 | 100.52              | -                       | -                           | 97.29                     | 32.92                         | 7.16                   | 36.85                      | 163                  | 173                     | A                       | H               |
|                                     |      | 2386.57              | 52.13               | -21.87                  | 74                          | 49.01                     | 32.88                         | 7.1                    | 36.86                      | 337                  | 209                     | P                       | V               |
|                                     |      | 2389.95              | 42.02               | -11.98                  | 54                          | 38.9                      | 32.88                         | 7.1                    | 36.86                      | 337                  | 209                     | A                       | V               |
|                                     |      | 2490.04              | 51.9                | -22.1                   | 74                          | 48.46                     | 33                            | 7.25                   | 36.81                      | 337                  | 209                     | P                       | V               |
|                                     |      | 2483.56              | 41.48               | -12.52                  | 54                          | 38.07                     | 32.98                         | 7.25                   | 36.82                      | 337                  | 209                     | A                       | V               |
|                                     | *    | 2446                 | 106.09              | -                       | -                           | 102.8                     | 32.94                         | 7.19                   | 36.84                      | 337                  | 209                     | P                       | V               |
|                                     | *    | 2446                 | 98.11               | -                       | -                           | 94.82                     | 32.94                         | 7.19                   | 36.84                      | 337                  | 209                     | A                       | V               |
| 802.11n<br>HT40<br>CH 09<br>2452MHz |      | 2388.65              | 52.67               | -21.33                  | 74                          | 49.55                     | 32.88                         | 7.1                    | 36.86                      | 131                  | 175                     | P                       | H               |
|                                     |      | 2370.19              | 41.49               | -12.51                  | 54                          | 38.43                     | 32.86                         | 7.07                   | 36.87                      | 131                  | 175                     | A                       | H               |
|                                     |      | 2483.56              | 62.58               | -11.42                  | 74                          | 59.17                     | 32.98                         | 7.25                   | 36.82                      | 131                  | 175                     | P                       | H               |
|                                     |      | 2483.5               | 52.4                | -1.6                    | 54                          | 48.99                     | 32.98                         | 7.25                   | 36.82                      | 131                  | 175                     | A                       | H               |
|                                     | *    | 2444                 | 108.13              | -                       | -                           | 104.84                    | 32.94                         | 7.19                   | 36.84                      | 131                  | 175                     | P                       | H               |
|                                     | *    | 2444                 | 99.96               | -                       | -                           | 96.67                     | 32.94                         | 7.19                   | 36.84                      | 131                  | 175                     | A                       | H               |



|        |                                                                                             |         |        |        |    |        |       |      |       |     |     |   |   |
|--------|---------------------------------------------------------------------------------------------|---------|--------|--------|----|--------|-------|------|-------|-----|-----|---|---|
|        |                                                                                             | 2384.49 | 50.63  | -23.37 | 74 | 47.54  | 32.86 | 7.1  | 36.87 | 337 | 207 | P | V |
|        |                                                                                             | 2389.56 | 40.05  | -13.95 | 54 | 36.93  | 32.88 | 7.1  | 36.86 | 337 | 207 | A | V |
|        |                                                                                             | 2483.74 | 58.32  | -15.68 | 74 | 54.91  | 32.98 | 7.25 | 36.82 | 337 | 207 | P | V |
|        |                                                                                             | 2483.5  | 47.86  | -6.14  | 54 | 44.45  | 32.98 | 7.25 | 36.82 | 337 | 207 | A | V |
|        | *                                                                                           | 2444    | 106.27 | -      | -  | 102.98 | 32.94 | 7.19 | 36.84 | 337 | 207 | P | V |
|        | *                                                                                           | 2444    | 98.11  | -      | -  | 94.82  | 32.94 | 7.19 | 36.84 | 337 | 207 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |         |        |        |    |        |       |      |       |     |     |   |   |

**2.4GHz 2400~2483.5MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>1                   | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11n<br>HT40<br>CH 03<br>2422MHz |                                                                                             | 3225                 | 51.54               | -27.22                  | 78.76                       | 74.93                     | 33.01                         | 8.32                   | 64.72                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 4860                 | 43.46               | -30.54                  | 74                          | 64.37                     | 34.22                         | 10.27                  | 65.4                       | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 7266                 | 42.99               | -31.01                  | 74                          | 60.22                     | 35.86                         | 12.72                  | 65.81                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 3225                 | 48.71               | -28.24                  | 76.95                       | 72.1                      | 33.01                         | 8.32                   | 64.72                      | 100                  | 0                       | P                       | V               |
|                                     |                                                                                             | 4845                 | 41.1                | -32.9                   | 74                          | 62.03                     | 34.21                         | 10.25                  | 65.39                      | 100                  | 0                       | P                       | V               |
|                                     |                                                                                             | 7266                 | 42.62               | -31.38                  | 74                          | 59.85                     | 35.86                         | 12.72                  | 65.81                      | 100                  | 0                       | P                       | V               |
| 802.11n<br>HT40<br>CH 06<br>2437MHz |                                                                                             | 3255                 | 51.08               | -27.87                  | 78.95                       | 74.42                     | 33                            | 8.37                   | 64.71                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 4875                 | 42.35               | -31.65                  | 74                          | 63.25                     | 34.23                         | 10.29                  | 65.42                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 7305                 | 43.93               | -30.07                  | 74                          | 61.26                     | 35.86                         | 12.72                  | 65.91                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 3255                 | 46.77               | -30.25                  | 77.02                       | 70.11                     | 33                            | 8.37                   | 64.71                      | 100                  | 0                       | P                       | V               |
|                                     |                                                                                             | 4875                 | 41.54               | -32.46                  | 74                          | 62.44                     | 34.23                         | 10.29                  | 65.42                      | 100                  | 0                       | P                       | V               |
|                                     |                                                                                             | 7305                 | 43.43               | -30.57                  | 74                          | 60.76                     | 35.86                         | 12.72                  | 65.91                      | 100                  | 0                       | P                       | V               |
| 802.11n<br>HT40<br>CH 09<br>2452MHz |                                                                                             | 3270                 | 51.07               | -27.83                  | 78.90                       | 74.42                     | 32.99                         | 8.37                   | 64.71                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 4905                 | 40.82               | -33.18                  | 74                          | 61.67                     | 34.25                         | 10.34                  | 65.44                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 7356                 | 42.9                | -31.1                   | 74                          | 60.36                     | 35.87                         | 12.73                  | 66.06                      | 300                  | 0                       | P                       | H               |
|                                     |                                                                                             | 4905                 | 41.39               | -32.61                  | 74                          | 62.24                     | 34.25                         | 10.34                  | 65.44                      | 100                  | 0                       | P                       | V               |
|                                     |                                                                                             | 7356                 | 43.04               | -30.96                  | 74                          | 60.5                      | 35.87                         | 12.73                  | 66.06                      | 100                  | 0                       | P                       | V               |
| Remark                              | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## Emission below 1GHz

## 2.4GHz WIFI 802.11g (LF)

| WIFI                    | Note                                                                       | Frequency | Level      | Over   | Limit      | Read   | Antenna  | Path   | Preamp | Ant    | Table   | Peak  | Pol.  |
|-------------------------|----------------------------------------------------------------------------|-----------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                    |                                                                            |           |            | Limit  | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 1                       |                                                                            | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 2.4GHz<br>802.11g<br>LF |                                                                            | 30        | 26.06      | -13.94 | 40         | 32.55  | 25.5     | 0.71   | 32.7   | -      | -       | P     | H     |
|                         |                                                                            | 159.98    | 19.86      | -23.64 | 43.5       | 33.53  | 17.26    | 1.93   | 32.86  | -      | -       | P     | H     |
|                         |                                                                            | 240.49    | 21.91      | -24.09 | 46         | 33.84  | 18.8     | 2.37   | 33.1   | -      | -       | P     | H     |
|                         |                                                                            | 320.03    | 30.81      | -15.19 | 46         | 40.31  | 20.68    | 2.72   | 32.9   | -      | -       | P     | H     |
|                         |                                                                            | 480.08    | 28.54      | -17.46 | 46         | 33.81  | 24.14    | 3.35   | 32.76  | -      | -       | P     | H     |
|                         |                                                                            | 759.44    | 26.92      | -19.08 | 46         | 28.78  | 26.58    | 4.22   | 32.66  | -      | -       | P     | H     |
|                         |                                                                            | 37.76     | 26.08      | -13.92 | 40         | 36.89  | 21.1     | 0.85   | 32.76  | -      | -       | P     | V     |
|                         |                                                                            | 71.71     | 23.64      | -16.36 | 40         | 41.97  | 13.35    | 1.28   | 32.96  | -      | -       | P     | V     |
|                         |                                                                            | 239.52    | 22         | -24    | 46         | 34     | 18.74    | 2.36   | 33.1   | -      | -       | P     | V     |
|                         |                                                                            | 320.03    | 28.51      | -17.49 | 46         | 38.01  | 20.68    | 2.72   | 32.9   | -      | -       | P     | V     |
|                         |                                                                            | 480.08    | 24.74      | -21.26 | 46         | 30.01  | 24.14    | 3.35   | 32.76  | -      | -       | P     | V     |
|                         |                                                                            | 640.13    | 27.73      | -18.27 | 46         | 30.71  | 25.82    | 3.86   | 32.66  | -      | -       | P     | V     |
| Remark                  | 1. No other spurious found.<br>2. All results are PASS against limit line. |           |            |        |            |        |          |        |        |        |         |       |       |

## Note symbol

|     |                                                                                                                                                          |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| *   | <b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency. |
| !   | Test result is <b>over limit</b> line.                                                                                                                   |
| P/A | <b>Peak</b> or <b>Average</b>                                                                                                                            |
| H/V | <b>Horizontal</b> or <b>Vertical</b>                                                                                                                     |



A calculation example for radiated spurious emission is shown as below:

| WIFI    | Note | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak    | Pol.    |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.    |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1       |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11b |      | 2390      | 55.45      | -18.55 | 74         | 54.51    | 32.22    | 4.58   | 35.86  | 103    | 308     | P       | H       |
| CH 01   |      |           |            |        |            |          |          |        |        |        |         |         |         |
| 2412MHz |      | 2390      | 43.54      | -10.46 | 54         | 42.6     | 32.22    | 4.58   | 35.86  | 103    | 308     | A       | H       |

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)

2. Level(dBμV/m) =

Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

**Both peak and average measured complies with the limit line, so test result is “PASS”.**



## **Appendix D. Radiated Spurious Emission Plots**

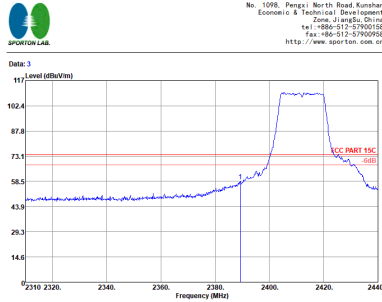
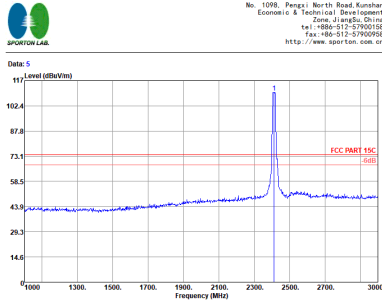
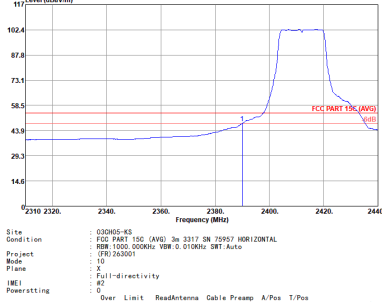
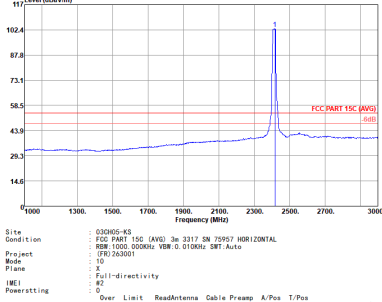
### **Note symbol**

|    |                       |
|----|-----------------------|
| -L | Low channel location  |
| -R | High channel location |



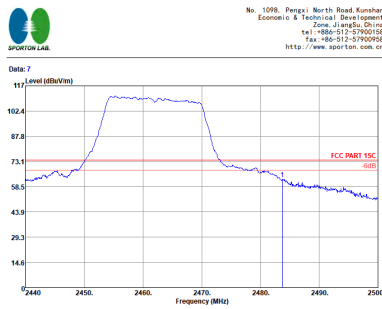
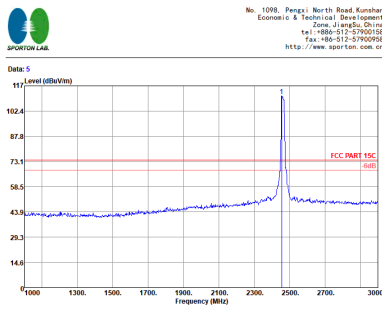
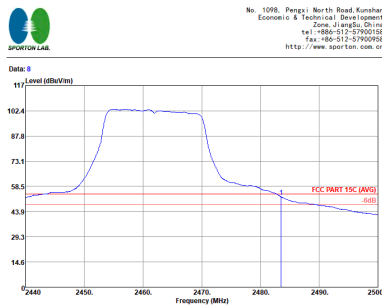
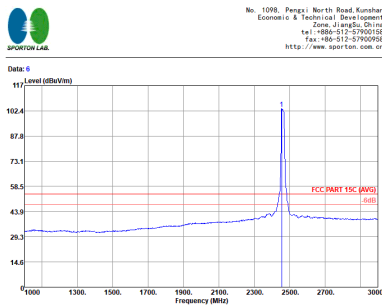
## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Band Edge @ 3m)

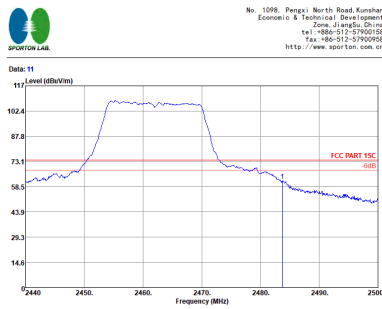
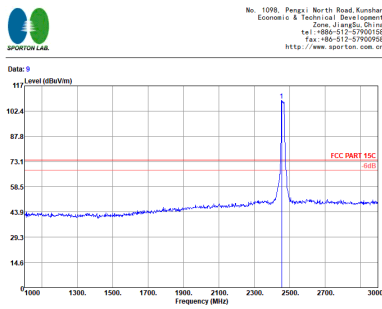
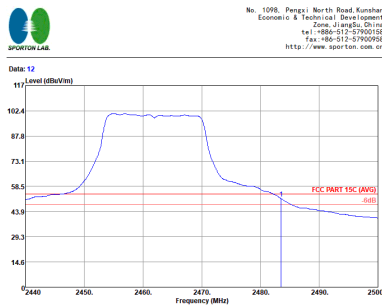
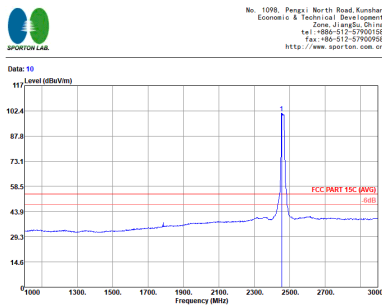
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |              |              |              |        |                                       |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|--------------|--------------|--------|---------------------------------------|--------|----------|------|-------|-------|------|--------------|-------------|--|--|---|---------|-------|--------|-------|-------|-------|------------------------------------|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|------|--------------|-------------|--|--|---|---------|--------|--------|-------|--------|-------|------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|------|--------------|-------------|--|--|---|---------|-------|-------|-------|-------|-------|---------------------------------------|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|------|--------------|-------------|--|--|---|---------|--------|--------|-------|-------|-------|---------------------------------------|
| ANT  | 802.11g CH01 2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |              |              |              |        |                                       |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| 1    | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Fundamental |              |              |              |        |                                       |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| Peak | <div><div></div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C 3m 3317 5W 75957 HORIZONTAL<br/>Project : RSM 1000 000000 VSR 3000 000000 SRT Auto<br/>Mode : (FR) 263001<br/>Plane : X<br/>Full-directivity : X<br/>PowerSetting : 0</p><table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th></tr><tr><td>1</td><td>2389.30</td><td>58.51</td><td>-15.49</td><td>74.00</td><td>55.39</td><td>32.88</td><td>7.10 36.86 311 275 Peak HORIZONTAL</td></tr></table></div></div> <div><div></div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C 3m 3317 5W 75957 HORIZONTAL<br/>Project : RSM 1000 000000 VSR 3000 000000 SRT Auto<br/>Mode : (FR) 263001<br/>Plane : X<br/>Full-directivity : X<br/>PowerSetting : 0</p><table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th></tr><tr><td>1</td><td>2412.00</td><td>110.26</td><td>-36.26</td><td>74.00</td><td>107.08</td><td>32.90</td><td>7.13 36.85 311 275 Peak HORIZONTAL</td></tr></table></div></div> | Over        | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos                                 | Remark | Pol/Phas | Freq | Level | Limit | Line | Level Factor | Loss Factor |  |  | 1 | 2389.30 | 58.51 | -15.49 | 74.00 | 55.39 | 32.88 | 7.10 36.86 311 275 Peak HORIZONTAL | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Line | Level Factor | Loss Factor |  |  | 1 | 2412.00 | 110.26 | -36.26 | 74.00 | 107.08 | 32.90 | 7.13 36.85 311 275 Peak HORIZONTAL | Avg. | <div><div></div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C (AVG) 3m 3317 5W 75957 HORIZONTAL<br/>Project : RSM 1000 000000 VSR 3000 000000 SRT Auto<br/>Mode : (FR) 263001<br/>Plane : X<br/>Full-directivity : X<br/>PowerSetting : 0</p><table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th></tr><tr><td>1</td><td>2389.95</td><td>48.16</td><td>-5.84</td><td>54.00</td><td>45.04</td><td>32.88</td><td>7.10 36.86 311 275 Average HORIZONTAL</td></tr></table></div></div> <div><div></div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C (AVG) 3m 3317 5W 75957 HORIZONTAL<br/>Project : RSM 1000 000000 VSR 3000 000000 SRT Auto<br/>Mode : (FR) 263001<br/>Plane : X<br/>Full-directivity : X<br/>PowerSetting : 0</p><table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th></tr><tr><td>1</td><td>2418.00</td><td>102.91</td><td>-48.91</td><td>54.00</td><td>99.70</td><td>32.90</td><td>7.16 36.85 311 275 Average HORIZONTAL</td></tr></table></div></div> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Line | Level Factor | Loss Factor |  |  | 1 | 2389.95 | 48.16 | -5.84 | 54.00 | 45.04 | 32.88 | 7.10 36.86 311 275 Average HORIZONTAL | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Line | Level Factor | Loss Factor |  |  | 1 | 2418.00 | 102.91 | -48.91 | 54.00 | 99.70 | 32.90 | 7.16 36.85 311 275 Average HORIZONTAL |
| Over | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas                              |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Limit       | Line         | Level Factor | Loss Factor  |        |                                       |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| 1    | 2389.30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 58.51       | -15.49       | 74.00        | 55.39        | 32.88  | 7.10 36.86 311 275 Peak HORIZONTAL    |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| Over | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas                              |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Limit       | Line         | Level Factor | Loss Factor  |        |                                       |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| 1    | 2412.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 110.26      | -36.26       | 74.00        | 107.08       | 32.90  | 7.13 36.85 311 275 Peak HORIZONTAL    |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| Over | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas                              |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Limit       | Line         | Level Factor | Loss Factor  |        |                                       |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| 1    | 2389.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 48.16       | -5.84        | 54.00        | 45.04        | 32.88  | 7.10 36.86 311 275 Average HORIZONTAL |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| Over | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas                              |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Limit       | Line         | Level Factor | Loss Factor  |        |                                       |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |
| 1    | 2418.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 102.91      | -48.91       | 54.00        | 99.70        | 32.90  | 7.16 36.85 311 275 Average HORIZONTAL |        |          |      |       |       |      |              |             |  |  |   |         |       |        |       |       |       |                                    |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |        |       |                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |       |       |       |       |       |                                       |      |       |             |              |       |       |        |          |      |       |       |      |              |             |  |  |   |         |        |        |       |       |       |                                       |





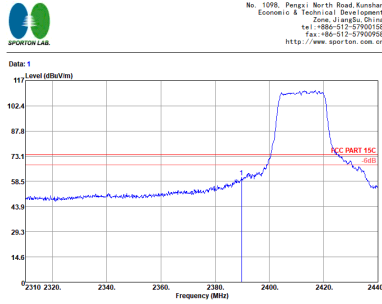
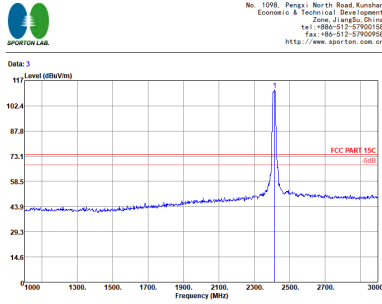
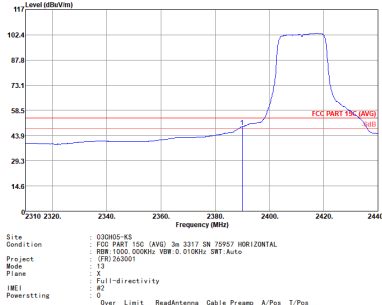
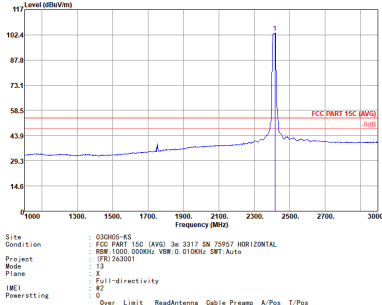
| WIFI        | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |        |             |       |             |       |        |             |            |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------------|-------|-------------|-------|--------|-------------|------------|--------|----------|-----|--------|----|--------|------|------|----|----|----|-----|--|-----------|-------|--------|-------|-------|-------|------|-------|-----|-------------|------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|----|-----|--|-------------|--------|-------|-------|--------|-------|------|-------|-----|-------------|------------|--|
| ANT         | 802.11g CH11 2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |        |             |       |             |       |        |             |            |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| 1           | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Fundamental |        |             |       |             |       |        |             |            |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| Peak        | <div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Site<br/>Condition<br/>Project<br/>Mode<br/>Plane<br/>Polar<br/>IME1<br/>PowerSetting</div><div><div>: 030805-KS<br/>: FCC PART 15C 3m 3317 SN 75957 HORIZONTAL<br/>: RBW 1000.000kHz VBW 3000.000kHz SFT Auto<br/>: (FIR)263001<br/>: 12<br/>: Full-directivity<br/>: 62<br/>: 62</div><div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 2483.74</td><td>62.82</td><td>-11.18</td><td>74.00</td><td>69.41</td><td>32.98</td><td>7.25</td><td>36.82</td><td>159</td><td>182 Peak</td><td>HORIZONTAL</td></tr></table></div></div></div></div><div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Site<br/>Condition<br/>Project<br/>Mode<br/>Plane<br/>Polar<br/>IME1<br/>PowerSetting</div><div><div>: 030805-KS<br/>: FCC PART 15C 3m 3317 SN 75957 HORIZONTAL<br/>: RBW 1000.000kHz VBW 3000.000kHz SFT Auto<br/>: (FIR)263001<br/>: 12<br/>: Full-directivity<br/>: 62<br/>: 62</div><div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 * 2462.00</td><td>111.17</td><td>37.17</td><td>74.00</td><td>107.82</td><td>32.96</td><td>7.22</td><td>36.83</td><td>159</td><td>182 Peak</td><td>HORIZONTAL</td></tr></table></div></div></div></div></div></div>                   | Freq        | Level  | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos       | T/Pos      | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 2483.74 | 62.82 | -11.18 | 74.00 | 69.41 | 32.98 | 7.25 | 36.82 | 159 | 182 Peak    | HORIZONTAL | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 * 2462.00 | 111.17 | 37.17 | 74.00 | 107.82 | 32.96 | 7.22 | 36.83 | 159 | 182 Peak    | HORIZONTAL |  |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over        | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark      | Pol/Phas   |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB          | dBuV/m | dBuV        | dB/m  | dB          | dB    | cm     | deg         |            |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| 1 2483.74   | 62.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -11.18      | 74.00  | 69.41       | 32.98 | 7.25        | 36.82 | 159    | 182 Peak    | HORIZONTAL |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over        | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark      | Pol/Phas   |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB          | dBuV/m | dBuV        | dB/m  | dB          | dB    | cm     | deg         |            |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| 1 * 2462.00 | 111.17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 37.17       | 74.00  | 107.82      | 32.96 | 7.22        | 36.83 | 159    | 182 Peak    | HORIZONTAL |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| Avg.        | <div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Site<br/>Condition<br/>Project<br/>Mode<br/>Plane<br/>Polar<br/>IME1<br/>PowerSetting</div><div><div>: 030805-KS<br/>: FCC PART 15C (AVG) 3m 3317 SN 75957 HORIZONTAL<br/>: RBW 1000.000kHz VBW 3.0100kHz SFT Auto<br/>: (FIR)263001<br/>: 12<br/>: Full-directivity<br/>: 62<br/>: 62</div><div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 2483.50</td><td>52.49</td><td>-11.51</td><td>54.00</td><td>49.08</td><td>32.98</td><td>7.25</td><td>36.82</td><td>159</td><td>182 Average</td><td>HORIZONTAL</td></tr></table></div></div></div></div><div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Site<br/>Condition<br/>Project<br/>Mode<br/>Plane<br/>Polar<br/>IME1<br/>PowerSetting</div><div><div>: 030805-KS<br/>: FCC PART 15C (AVG) 3m 3317 SN 75957 HORIZONTAL<br/>: RBW 1000.000kHz VBW 3.0100kHz SFT Auto<br/>: (FIR)263001<br/>: 12<br/>: Full-directivity<br/>: 62<br/>: 62</div><div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 * 2462.00</td><td>103.52</td><td>49.52</td><td>54.00</td><td>100.17</td><td>32.96</td><td>7.22</td><td>36.83</td><td>159</td><td>182 Average</td><td>HORIZONTAL</td></tr></table></div></div></div></div></div></div> | Freq        | Level  | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos       | T/Pos      | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 2483.50 | 52.49 | -11.51 | 54.00 | 49.08 | 32.98 | 7.25 | 36.82 | 159 | 182 Average | HORIZONTAL | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 * 2462.00 | 103.52 | 49.52 | 54.00 | 100.17 | 32.96 | 7.22 | 36.83 | 159 | 182 Average | HORIZONTAL |  |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over        | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark      | Pol/Phas   |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB          | dBuV/m | dBuV        | dB/m  | dB          | dB    | cm     | deg         |            |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| 1 2483.50   | 52.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -11.51      | 54.00  | 49.08       | 32.98 | 7.25        | 36.82 | 159    | 182 Average | HORIZONTAL |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over        | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark      | Pol/Phas   |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB          | dBuV/m | dBuV        | dB/m  | dB          | dB    | cm     | deg         |            |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |
| 1 * 2462.00 | 103.52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 49.52       | 54.00  | 100.17      | 32.96 | 7.22        | 36.83 | 159    | 182 Average | HORIZONTAL |        |          |     |        |    |        |      |      |    |    |    |     |  |           |       |        |       |       |       |      |       |     |             |            |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |             |        |       |       |        |       |      |       |     |             |            |  |



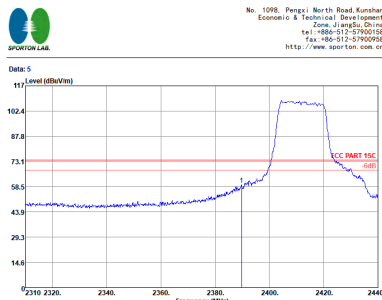
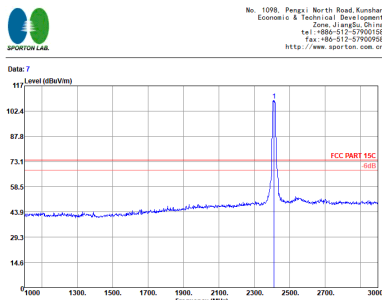
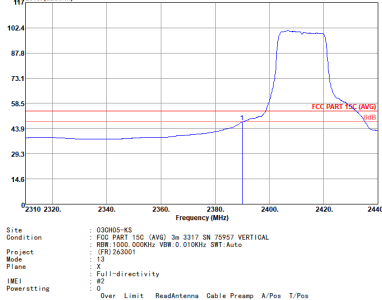
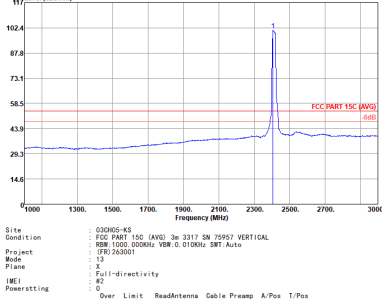
| WIFI        | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |            |             |             |             |        |        |             |          |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|-------------|-------------|-------------|--------|--------|-------------|----------|----------|----------|-----|------------|----|------------|------------|----|----|----|----|-----|--|-----------|-------|--------|-------|-------|-------|------|-------|-----|----------|----------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|------------|----|------------|------------|----|----|----|----|-----|--|-------------|--------|-------|-------|--------|-------|------|-------|-----|----------|----------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|------------|----|------------|------------|----|----|----|----|-----|--|-----------|-------|-------|-------|-------|-------|------|-------|-----|-------------|----------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|------------|----|------------|------------|----|----|----|----|-----|--|-------------|--------|-------|-------|-------|-------|------|-------|-----|-------------|----------|
| ANT         | 802.11g CH11 2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |            |             |             |             |        |        |             |          |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| 1           | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Fundamental |            |             |             |             |        |        |             |          |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| Peak        | <div><div></div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030H05-K5<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000.000kHz VSW:3000.000kHz SMT:Auto<br/>Bode : (FR)263001<br/>Plane : 12<br/>Polar : 2<br/>Full-directivity<br/>IME1<br/>PowerRating : 47</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1 2483.74</td><td>61.95</td><td>-12.05</td><td>74.00</td><td>58.54</td><td>32.98</td><td>7.25</td><td>36.82</td><td>376</td><td>219 Peak</td><td>VERTICAL</td></tr></table></div></div> <div><div></div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030H05-K5<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000.000kHz VSW:3000.000kHz SMT:Auto<br/>Bode : (FR)263001<br/>Plane : 12<br/>Polar : 2<br/>Full-directivity<br/>IME1<br/>PowerRating : 47</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1 * 2462.00</td><td>108.59</td><td>34.59</td><td>74.00</td><td>105.24</td><td>32.96</td><td>7.22</td><td>36.83</td><td>376</td><td>219 Peak</td><td>VERTICAL</td></tr></table></div></div> | Freq        | Level      | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos       | T/Pos    | Remark   | Pol/Phas | MHz | dBm/100kHz | dB | dBm/100kHz | dBm/100kHz | dB | dB | dB | dB | deg |  | 1 2483.74 | 61.95 | -12.05 | 74.00 | 58.54 | 32.98 | 7.25 | 36.82 | 376 | 219 Peak | VERTICAL | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/100kHz | dB | dBm/100kHz | dBm/100kHz | dB | dB | dB | dB | deg |  | 1 * 2462.00 | 108.59 | 34.59 | 74.00 | 105.24 | 32.96 | 7.22 | 36.83 | 376 | 219 Peak | VERTICAL | Avg. | <div><div></div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030H05-K5<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000.000kHz VSW:3.0100kHz SMT:Auto<br/>Bode : (FR)263001<br/>Plane : 12<br/>Polar : 2<br/>Full-directivity<br/>IME1<br/>PowerRating : 47</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1 2483.50</td><td>51.42</td><td>-2.58</td><td>54.00</td><td>48.01</td><td>32.98</td><td>7.25</td><td>36.82</td><td>376</td><td>219 Average</td><td>VERTICAL</td></tr></table></div></div> <div><div></div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030H05-K5<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000.000kHz VSW:3.0100kHz SMT:Auto<br/>Bode : (FR)263001<br/>Plane : 12<br/>Polar : 2<br/>Full-directivity<br/>IME1<br/>PowerRating : 47</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1 * 2462.00</td><td>100.90</td><td>46.90</td><td>54.00</td><td>97.55</td><td>32.96</td><td>7.22</td><td>36.83</td><td>376</td><td>219 Average</td><td>VERTICAL</td></tr></table></div></div> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/100kHz | dB | dBm/100kHz | dBm/100kHz | dB | dB | dB | dB | deg |  | 1 2483.50 | 51.42 | -2.58 | 54.00 | 48.01 | 32.98 | 7.25 | 36.82 | 376 | 219 Average | VERTICAL | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/100kHz | dB | dBm/100kHz | dBm/100kHz | dB | dB | dB | dB | deg |  | 1 * 2462.00 | 100.90 | 46.90 | 54.00 | 97.55 | 32.96 | 7.22 | 36.83 | 376 | 219 Average | VERTICAL |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Level       | Over       | Limit       | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos       | Remark   | Pol/Phas |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| MHz         | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB          | dBm/100kHz | dBm/100kHz  | dB          | dB          | dB     | dB     | deg         |          |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| 1 2483.74   | 61.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -12.05      | 74.00      | 58.54       | 32.98       | 7.25        | 36.82  | 376    | 219 Peak    | VERTICAL |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Over        | Limit      | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark      | Pol/Phas |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| MHz         | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB          | dBm/100kHz | dBm/100kHz  | dB          | dB          | dB     | dB     | deg         |          |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| 1 * 2462.00 | 108.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 34.59       | 74.00      | 105.24      | 32.96       | 7.22        | 36.83  | 376    | 219 Peak    | VERTICAL |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Over        | Limit      | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark      | Pol/Phas |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| MHz         | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB          | dBm/100kHz | dBm/100kHz  | dB          | dB          | dB     | dB     | deg         |          |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| 1 2483.50   | 51.42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -2.58       | 54.00      | 48.01       | 32.98       | 7.25        | 36.82  | 376    | 219 Average | VERTICAL |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Over        | Limit      | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark      | Pol/Phas |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| MHz         | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dB          | dBm/100kHz | dBm/100kHz  | dB          | dB          | dB     | dB     | deg         |          |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |
| 1 * 2462.00 | 100.90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 46.90       | 54.00      | 97.55       | 32.96       | 7.22        | 36.83  | 376    | 219 Average | VERTICAL |          |          |     |            |    |            |            |    |    |    |    |     |  |           |       |        |       |       |       |      |       |     |          |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |        |       |      |       |     |          |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |           |       |       |       |       |       |      |       |     |             |          |      |       |      |       |             |       |        |       |       |        |          |     |            |    |            |            |    |    |    |    |     |  |             |        |       |       |       |       |      |       |     |             |          |



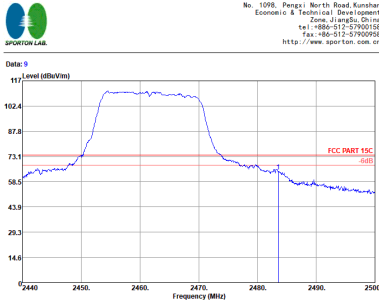
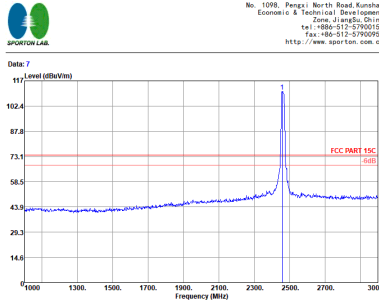
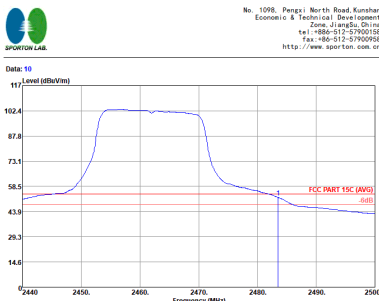
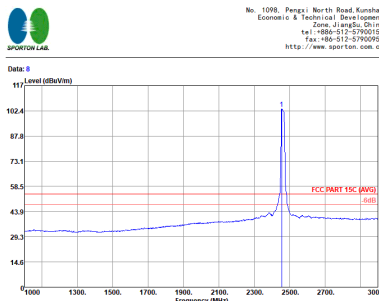
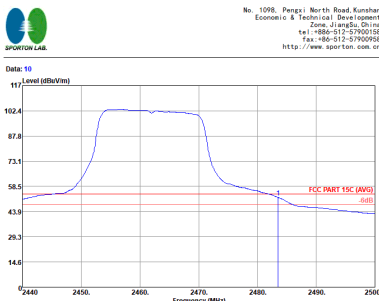
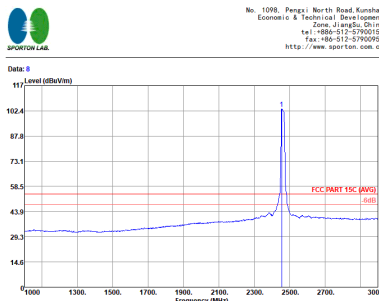
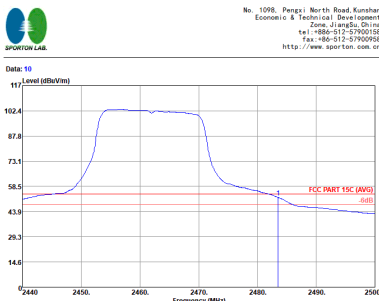
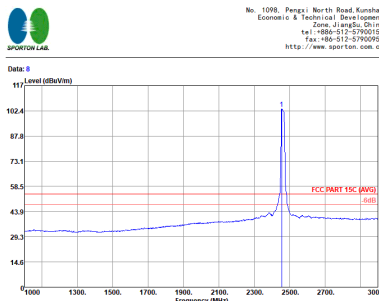
2.4GHz 2400~2483.5MHz  
WIFI 802.11n HT20 (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |              |              |              |        |          |          |          |     |         |            |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|--------------|--------------|--------|----------|----------|----------|-----|---------|------------|--------|--------|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|------------|------|-------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|--------|----|----|-----|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-----|------|------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|--------|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-----|---------|------------|------|-------|-------------|--------------|-------|-------|--------|----------|-----|--------|----|--------|--------|----|----|-----|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-----|---------|------------|
| ANT  | 802.11n HT20 CH01 2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |              |              |              |        |          |          |          |     |         |            |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Fundamental |              |              |              |        |          |          |          |     |         |            |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| Peak | <div><div></div><div><p>No. 1098, Pengxi North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel : +86-512-57900158<br/>fax : +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C 3m 3317 5W 75957 HORIZONTAL<br/>Project : RSM 1000 000000 VSR 3000 000000 SRT Auto<br/>Bode : (FR)263001<br/>Plane : 13<br/>Full-directivity : X<br/>PowerSetting : 0</p><table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm/Vm</th><th>dB</th><th>on</th><th>deg</th></tr><tr><td>1</td><td>2389.69</td><td>61.07</td><td>-12.93</td><td>74.00</td><td>57.95</td><td>32.88</td><td>7.10</td><td>36.86</td><td>135</td><td>175</td><td>Peak</td><td>HORIZONTAL</td></tr></table></div></div> <div><div></div><div><p>No. 1098, Pengxi North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel : +86-512-57900158<br/>fax : +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C 3m 3317 5W 75957 HORIZONTAL<br/>Project : RSM 1000 000000 VSR 3000 000000 SRT Auto<br/>Bode : (FR)263001<br/>Plane : 13<br/>Full-directivity : X<br/>PowerSetting : 0</p><table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm/Vm</th><th>dB</th><th>on</th><th>deg</th></tr><tr><td>1</td><td>2416.00</td><td>111.75</td><td>37.75</td><td>74.00</td><td>108.54</td><td>32.90</td><td>7.10</td><td>36.85</td><td>135</td><td>175</td><td>Peak</td><td>HORIZONTAL</td></tr></table></div></div> | Over        | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark   | Pol/Phas | MHz | dBm/Vm  | dB         | dBm/Vm | dBm/Vm | dB | on | deg | 1 | 2389.69 | 61.07 | -12.93 | 74.00 | 57.95 | 32.88 | 7.10 | 36.86 | 135 | 175 | Peak | HORIZONTAL | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/Vm | dB | dBm/Vm | dBm/Vm | dB | on | deg | 1 | 2416.00 | 111.75 | 37.75 | 74.00 | 108.54 | 32.90 | 7.10 | 36.85 | 135 | 175 | Peak | HORIZONTAL | Avg. | <div><div></div><div><p>No. 1098, Pengxi North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel : +86-512-57900158<br/>fax : +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C (AVG) 3m 3317 5W 75957 HORIZONTAL<br/>Project : RSM 1000 000000 VSR 3000 000000 SRT Auto<br/>Bode : (FR)263001<br/>Plane : 13<br/>Full-directivity : X<br/>PowerSetting : 0</p><table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm/Vm</th><th>dB</th><th>on</th><th>deg</th></tr><tr><td>1</td><td>2389.95</td><td>49.03</td><td>-4.97</td><td>54.00</td><td>45.91</td><td>32.88</td><td>7.10</td><td>36.86</td><td>135</td><td>175</td><td>Average</td><td>HORIZONTAL</td></tr></table></div></div> <div><div></div><div><p>No. 1098, Pengxi North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel : +86-512-57900158<br/>fax : +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C (AVG) 3m 3317 5W 75957 HORIZONTAL<br/>Project : RSM 1000 000000 VSR 3000 000000 SRT Auto<br/>Bode : (FR)263001<br/>Plane : 13<br/>Full-directivity : X<br/>PowerSetting : 0</p><table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm/Vm</th><th>dB</th><th>on</th><th>deg</th></tr><tr><td>1</td><td>2418.00</td><td>103.66</td><td>49.66</td><td>54.00</td><td>100.45</td><td>32.90</td><td>7.10</td><td>36.85</td><td>135</td><td>175</td><td>Average</td><td>HORIZONTAL</td></tr></table></div></div> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/Vm | dB | dBm/Vm | dBm/Vm | dB | on | deg | 1 | 2389.95 | 49.03 | -4.97 | 54.00 | 45.91 | 32.88 | 7.10 | 36.86 | 135 | 175 | Average | HORIZONTAL | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/Vm | dB | dBm/Vm | dBm/Vm | dB | on | deg | 1 | 2418.00 | 103.66 | 49.66 | 54.00 | 100.45 | 32.90 | 7.10 | 36.85 | 135 | 175 | Average | HORIZONTAL |
|      | Over                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Limit       | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas |          |     |         |            |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| MHz  | dBm/Vm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dB          | dBm/Vm       | dBm/Vm       | dB           | on     | deg      |          |          |     |         |            |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | 2389.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 61.07       | -12.93       | 74.00        | 57.95        | 32.88  | 7.10     | 36.86    | 135      | 175 | Peak    | HORIZONTAL |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| Over | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |          |     |         |            |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| MHz  | dBm/Vm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dB          | dBm/Vm       | dBm/Vm       | dB           | on     | deg      |          |          |     |         |            |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | 2416.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 111.75      | 37.75        | 74.00        | 108.54       | 32.90  | 7.10     | 36.85    | 135      | 175 | Peak    | HORIZONTAL |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| Over | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |          |     |         |            |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| MHz  | dBm/Vm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dB          | dBm/Vm       | dBm/Vm       | dB           | on     | deg      |          |          |     |         |            |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | 2389.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 49.03       | -4.97        | 54.00        | 45.91        | 32.88  | 7.10     | 36.86    | 135      | 175 | Average | HORIZONTAL |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| Over | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |          |     |         |            |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| MHz  | dBm/Vm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dB          | dBm/Vm       | dBm/Vm       | dB           | on     | deg      |          |          |     |         |            |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | 2418.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 103.66      | 49.66        | 54.00        | 100.45       | 32.90  | 7.10     | 36.85    | 135      | 175 | Average | HORIZONTAL |        |        |    |    |     |   |         |       |        |       |       |       |      |       |     |     |      |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |            |      |       |             |              |       |       |        |          |     |        |    |        |        |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |

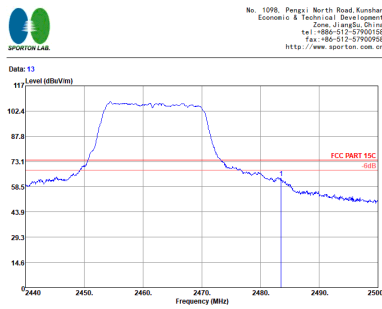
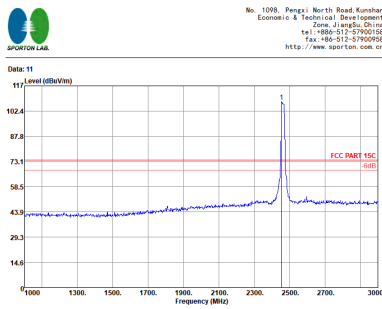
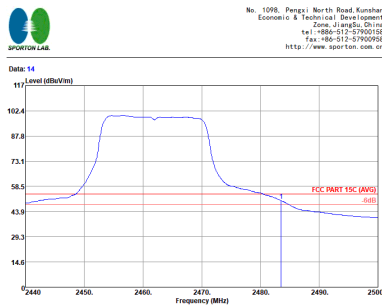
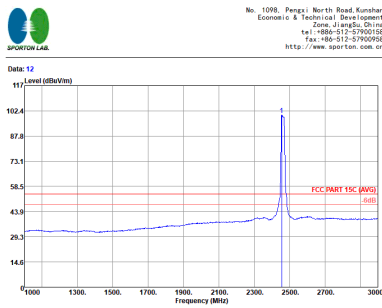


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |               |              |              |              |        |           |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|--------------|--------------|--------------|--------|-----------|-----------|-----------|---------|------------|----|------------|----|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|---------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------|------------|-------------|--------------|-------|-------|--------|-----------|-----|------------|----|------------|----|----|----|----|-----|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-----|---------|----------|
| ANT  | 802.11n HT20 CH01 2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |               |              |              |              |        |           |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Fundamental   |               |              |              |              |        |           |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Peak | <div><div></div><div><div>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Date: 5</div><div>Site : 030405-K5<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000.000MHz VSW:3000.000MHz SMT:Auto<br/>Bode : (FR)263001<br/>Plane : 13<br/>Full-directivity : 2<br/>Power setting : 0</div><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.69</td><td>59.52</td><td>-14.48</td><td>74.00</td><td>56.40</td><td>32.88</td><td>7.10</td><td>36.86</td><td>391</td><td>228</td><td>Peak</td><td>VERTICAL</td></tr></table></div></div></div>        | MEI           | Power setting | Over Limit   | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos     | Remark    | Pol/Phase | MHz     | dBm/100MHz | dB | dBm/100MHz | dB | dB | dB | cm | deg | 1 | 2389.69 | 59.52 | -14.48 | 74.00 | 56.40 | 32.88 | 7.10 | 36.86 | 391 | 228 | Peak    | VERTICAL | <div><div></div><div><div>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Date: 7</div><div>Site : 030405-K5<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000.000MHz VSW:3000.000MHz SMT:Auto<br/>Bode : (FR)263001<br/>Plane : 13<br/>Full-directivity : 2<br/>Power setting : 0</div><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2412.00</td><td>108.51</td><td>34.51</td><td>74.00</td><td>105.33</td><td>32.90</td><td>7.13</td><td>36.85</td><td>391</td><td>228</td><td>Peak</td><td>VERTICAL</td></tr></table></div></div></div>        | MEI | Power setting | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phase | MHz | dBm/100MHz | dB | dBm/100MHz | dB | dB | dB | cm | deg | 1 | 2412.00 | 108.51 | 34.51 | 74.00 | 105.33 | 32.90 | 7.13 | 36.85 | 391 | 228 | Peak    | VERTICAL |
|      | MEI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Power setting | Over Limit    | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark    | Pol/Phase |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MHz  | dBm/100MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB            | dBm/100MHz    | dB           | dB           | dB           | cm     | deg       |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2389.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 59.52         | -14.48        | 74.00        | 56.40        | 32.88        | 7.10   | 36.86     | 391       | 228       | Peak    | VERTICAL   |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MEI  | Power setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Over Limit    | ReadAntenna   | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phase |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MHz  | dBm/100MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB            | dBm/100MHz    | dB           | dB           | dB           | cm     | deg       |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2412.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 108.51        | 34.51         | 74.00        | 105.33       | 32.90        | 7.13   | 36.85     | 391       | 228       | Peak    | VERTICAL   |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Avg. | <div><div></div><div><div>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Date: 6</div><div>Site : 030405-K5<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000.000MHz VSW:3.010MHz SMT:Auto<br/>Bode : (FR)263001<br/>Plane : 13<br/>Full-directivity : 2<br/>Power setting : 0</div><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.95</td><td>47.68</td><td>-6.32</td><td>54.00</td><td>44.56</td><td>32.88</td><td>7.10</td><td>36.86</td><td>391</td><td>228</td><td>Average</td><td>VERTICAL</td></tr></table></div></div></div> | MEI           | Power setting | Over Limit   | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos     | Remark    | Pol/Phase | MHz     | dBm/100MHz | dB | dBm/100MHz | dB | dB | dB | cm | deg | 1 | 2389.95 | 47.68 | -6.32  | 54.00 | 44.56 | 32.88 | 7.10 | 36.86 | 391 | 228 | Average | VERTICAL | <div><div></div><div><div>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Date: 8</div><div>Site : 030405-K5<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000.000MHz VSW:3.010MHz SMT:Auto<br/>Bode : (FR)263001<br/>Plane : 13<br/>Full-directivity : 2<br/>Power setting : 0</div><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2400.00</td><td>100.95</td><td>46.95</td><td>54.00</td><td>97.77</td><td>32.90</td><td>7.13</td><td>36.85</td><td>391</td><td>228</td><td>Average</td><td>VERTICAL</td></tr></table></div></div></div> | MEI | Power setting | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phase | MHz | dBm/100MHz | dB | dBm/100MHz | dB | dB | dB | cm | deg | 1 | 2400.00 | 100.95 | 46.95 | 54.00 | 97.77  | 32.90 | 7.13 | 36.85 | 391 | 228 | Average | VERTICAL |
|      | MEI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Power setting | Over Limit    | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark    | Pol/Phase |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MHz  | dBm/100MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB            | dBm/100MHz    | dB           | dB           | dB           | cm     | deg       |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2389.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 47.68         | -6.32         | 54.00        | 44.56        | 32.88        | 7.10   | 36.86     | 391       | 228       | Average | VERTICAL   |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MEI  | Power setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Over Limit    | ReadAntenna   | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phase |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MHz  | dBm/100MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB            | dBm/100MHz    | dB           | dB           | dB           | cm     | deg       |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2400.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100.95        | 46.95         | 54.00        | 97.77        | 32.90        | 7.13   | 36.85     | 391       | 228       | Average | VERTICAL   |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |



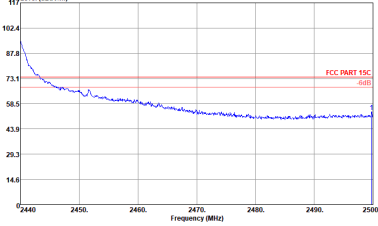
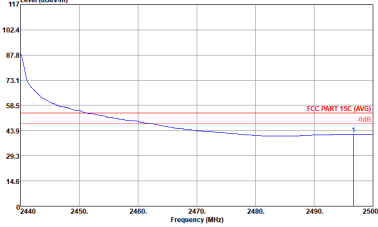
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |        |             |        |             |       |        |        |             |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------------|--------|-------------|-------|--------|--------|-------------|--------|----------|-----|--------|----|--------|-----|----|----|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|-----|----|----|----|----|----|-----|---|-----------|--------|-------|-------|--------|-------|------|-------|-----|-------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|-----|----|----|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|-----|----|----|----|----|----|-----|---|-----------|--------|-------|-------|--------|-------|------|-------|-----|-------------|
| ANT  | 802.11n HT20 CH11 2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |        |             |        |             |       |        |        |             |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| 1    | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Fundamental |        |             |        |             |       |        |        |             |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| Peak | <div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Date: 9</div><div>Level (dBm/Vm)</div><div>117</div><div>102.4</div><div>87.8</div><div>73.1</div><div>58.5</div><div>43.9</div><div>29.3</div><div>14.6</div><div>2440</div><div>2450</div><div>2460</div><div>2470</div><div>2480</div><div>2490</div><div>2500</div><div>Frequency (MHz)</div><div>FCC PART 15C</div><div>dBm</div></div><div><div>Site : 030805-KS<br/>Condition : FCC PART 15C 3m 3317 SN 75957 HORIZONTAL<br/>Project : RBW 1000.000kHz VBW 3000.000kHz SFT Auto<br/>Mode : (FR)263001<br/>Plane : 15<br/>Polar : Full-directivity<br/>IMEI : 82<br/>PowerRating : 2</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2483.56</td><td>64.49</td><td>-9.51</td><td>74.00</td><td>61.08</td><td>32.98</td><td>7.25</td><td>36.82</td><td>160</td><td>174 Peak</td></tr></table><div>HORIZONTAL</div></div></div></div> <div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Date: 7</div><div>Level (dBm/Vm)</div><div>117</div><div>102.4</div><div>87.8</div><div>73.1</div><div>58.5</div><div>43.9</div><div>29.3</div><div>14.6</div><div>1000</div><div>1300</div><div>1500</div><div>1700</div><div>1900</div><div>2100</div><div>2300</div><div>2500</div><div>2700</div><div>2900</div><div>3000</div><div>Frequency (MHz)</div><div>FCC PART 15C</div><div>dBm</div></div><div><div>Site : 030805-KS<br/>Condition : FCC PART 15C 3m 3317 SN 75957 HORIZONTAL<br/>Project : RBW 1000.000kHz VBW 3000.000kHz SFT Auto<br/>Mode : (FR)263001<br/>Plane : 15<br/>Polar : Full-directivity<br/>IMEI : 82<br/>PowerRating : 2</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>* 2456.00</td><td>110.89</td><td>36.89</td><td>74.00</td><td>107.54</td><td>32.96</td><td>7.22</td><td>36.83</td><td>160</td><td>174 Peak</td></tr></table><div>HORIZONTAL</div></div></div></div> <tr><td>Avg.</td><td><div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Date: 10</div><div>Level (dBm/Vm)</div><div>117</div><div>102.4</div><div>87.8</div><div>73.1</div><div>58.5</div><div>43.9</div><div>29.3</div><div>14.6</div><div>2440</div><div>2450</div><div>2460</div><div>2470</div><div>2480</div><div>2490</div><div>2500</div><div>Frequency (MHz)</div><div>FCC PART 15C (Ave)</div><div>dBm</div></div><div><div>Site : 030805-KS<br/>Condition : FCC PART 15C (Ave) 3m 3317 SN 75957 HORIZONTAL<br/>Project : RBW 1000.000kHz VBW 3.0100kHz SFT Auto<br/>Mode : (FR)263001<br/>Plane : 15<br/>Polar : Full-directivity<br/>IMEI : 82<br/>PowerRating : 2</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2483.50</td><td>52.07</td><td>-1.93</td><td>54.00</td><td>48.66</td><td>32.98</td><td>7.25</td><td>36.82</td><td>160</td><td>174 Average</td></tr></table><div>HORIZONTAL</div></div></div></div><div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Date: 8</div><div>Level (dBm/Vm)</div><div>117</div><div>102.4</div><div>87.8</div><div>73.1</div><div>58.5</div><div>43.9</div><div>29.3</div><div>14.6</div><div>1000</div><div>1300</div><div>1500</div><div>1700</div><div>1900</div><div>2100</div><div>2300</div><div>2500</div><div>2700</div><div>2900</div><div>3000</div><div>Frequency (MHz)</div><div>FCC PART 15C (Ave)</div><div>dBm</div></div><div><div>Site : 030805-KS<br/>Condition : FCC PART 15C (Ave) 3m 3317 SN 75957 HORIZONTAL<br/>Project : RBW 1000.000kHz VBW 3.0100kHz SFT Auto<br/>Mode : (FR)263001<br/>Plane : 15<br/>Polar : Full-directivity<br/>IMEI : 82<br/>PowerRating : 2</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>* 2456.00</td><td>103.48</td><td>49.48</td><td>54.00</td><td>100.13</td><td>32.96</td><td>7.22</td><td>36.83</td><td>160</td><td>174 Average</td></tr></table><div>HORIZONTAL</div></div></div></div></td></tr> | Freq        | Level  | Over        | Limit  | ReadAntenna | Cable | Preamp | A/Pos  | T/Pos       | Remark | Pol/Phas | MHz | dBm/Vm | dB | dBm/Vm | dBm | dB | dB | dB | dB | cm | deg | 1 | 2483.56 | 64.49 | -9.51 | 74.00 | 61.08 | 32.98 | 7.25 | 36.82 | 160 | 174 Peak    | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/Vm | dB | dBm/Vm | dBm | dB | dB | dB | dB | cm | deg | 1 | * 2456.00 | 110.89 | 36.89 | 74.00 | 107.54 | 32.96 | 7.22 | 36.83 | 160 | 174 Peak    | Avg. | <div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Date: 10</div><div>Level (dBm/Vm)</div><div>117</div><div>102.4</div><div>87.8</div><div>73.1</div><div>58.5</div><div>43.9</div><div>29.3</div><div>14.6</div><div>2440</div><div>2450</div><div>2460</div><div>2470</div><div>2480</div><div>2490</div><div>2500</div><div>Frequency (MHz)</div><div>FCC PART 15C (Ave)</div><div>dBm</div></div><div><div>Site : 030805-KS<br/>Condition : FCC PART 15C (Ave) 3m 3317 SN 75957 HORIZONTAL<br/>Project : RBW 1000.000kHz VBW 3.0100kHz SFT Auto<br/>Mode : (FR)263001<br/>Plane : 15<br/>Polar : Full-directivity<br/>IMEI : 82<br/>PowerRating : 2</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2483.50</td><td>52.07</td><td>-1.93</td><td>54.00</td><td>48.66</td><td>32.98</td><td>7.25</td><td>36.82</td><td>160</td><td>174 Average</td></tr></table><div>HORIZONTAL</div></div></div></div> <div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Date: 8</div><div>Level (dBm/Vm)</div><div>117</div><div>102.4</div><div>87.8</div><div>73.1</div><div>58.5</div><div>43.9</div><div>29.3</div><div>14.6</div><div>1000</div><div>1300</div><div>1500</div><div>1700</div><div>1900</div><div>2100</div><div>2300</div><div>2500</div><div>2700</div><div>2900</div><div>3000</div><div>Frequency (MHz)</div><div>FCC PART 15C (Ave)</div><div>dBm</div></div><div><div>Site : 030805-KS<br/>Condition : FCC PART 15C (Ave) 3m 3317 SN 75957 HORIZONTAL<br/>Project : RBW 1000.000kHz VBW 3.0100kHz SFT Auto<br/>Mode : (FR)263001<br/>Plane : 15<br/>Polar : Full-directivity<br/>IMEI : 82<br/>PowerRating : 2</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>* 2456.00</td><td>103.48</td><td>49.48</td><td>54.00</td><td>100.13</td><td>32.96</td><td>7.22</td><td>36.83</td><td>160</td><td>174 Average</td></tr></table><div>HORIZONTAL</div></div></div></div> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/Vm | dB | dBm/Vm | dBm | dB | dB | dB | dB | cm | deg | 1 | 2483.50 | 52.07 | -1.93 | 54.00 | 48.66 | 32.98 | 7.25 | 36.82 | 160 | 174 Average | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/Vm | dB | dBm/Vm | dBm | dB | dB | dB | dB | cm | deg | 1 | * 2456.00 | 103.48 | 49.48 | 54.00 | 100.13 | 32.96 | 7.22 | 36.83 | 160 | 174 Average |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over        | Limit  | ReadAntenna | Cable  | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phas    |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| MHz  | dBm/Vm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB          | dBm/Vm | dBm         | dB     | dB          | dB    | dB     | cm     | deg         |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| 1    | 2483.56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 64.49       | -9.51  | 74.00       | 61.08  | 32.98       | 7.25  | 36.82  | 160    | 174 Peak    |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over        | Limit  | ReadAntenna | Cable  | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phas    |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| MHz  | dBm/Vm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB          | dBm/Vm | dBm         | dB     | dB          | dB    | dB     | cm     | deg         |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| 1    | * 2456.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 110.89      | 36.89  | 74.00       | 107.54 | 32.96       | 7.22  | 36.83  | 160    | 174 Peak    |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| Avg. | <div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Date: 10</div><div>Level (dBm/Vm)</div><div>117</div><div>102.4</div><div>87.8</div><div>73.1</div><div>58.5</div><div>43.9</div><div>29.3</div><div>14.6</div><div>2440</div><div>2450</div><div>2460</div><div>2470</div><div>2480</div><div>2490</div><div>2500</div><div>Frequency (MHz)</div><div>FCC PART 15C (Ave)</div><div>dBm</div></div><div><div>Site : 030805-KS<br/>Condition : FCC PART 15C (Ave) 3m 3317 SN 75957 HORIZONTAL<br/>Project : RBW 1000.000kHz VBW 3.0100kHz SFT Auto<br/>Mode : (FR)263001<br/>Plane : 15<br/>Polar : Full-directivity<br/>IMEI : 82<br/>PowerRating : 2</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2483.50</td><td>52.07</td><td>-1.93</td><td>54.00</td><td>48.66</td><td>32.98</td><td>7.25</td><td>36.82</td><td>160</td><td>174 Average</td></tr></table><div>HORIZONTAL</div></div></div></div> <div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Date: 8</div><div>Level (dBm/Vm)</div><div>117</div><div>102.4</div><div>87.8</div><div>73.1</div><div>58.5</div><div>43.9</div><div>29.3</div><div>14.6</div><div>1000</div><div>1300</div><div>1500</div><div>1700</div><div>1900</div><div>2100</div><div>2300</div><div>2500</div><div>2700</div><div>2900</div><div>3000</div><div>Frequency (MHz)</div><div>FCC PART 15C (Ave)</div><div>dBm</div></div><div><div>Site : 030805-KS<br/>Condition : FCC PART 15C (Ave) 3m 3317 SN 75957 HORIZONTAL<br/>Project : RBW 1000.000kHz VBW 3.0100kHz SFT Auto<br/>Mode : (FR)263001<br/>Plane : 15<br/>Polar : Full-directivity<br/>IMEI : 82<br/>PowerRating : 2</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>* 2456.00</td><td>103.48</td><td>49.48</td><td>54.00</td><td>100.13</td><td>32.96</td><td>7.22</td><td>36.83</td><td>160</td><td>174 Average</td></tr></table><div>HORIZONTAL</div></div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Freq        | Level  | Over        | Limit  | ReadAntenna | Cable | Preamp | A/Pos  | T/Pos       | Remark | Pol/Phas | MHz | dBm/Vm | dB | dBm/Vm | dBm | dB | dB | dB | dB | cm | deg | 1 | 2483.50 | 52.07 | -1.93 | 54.00 | 48.66 | 32.98 | 7.25 | 36.82 | 160 | 174 Average | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/Vm | dB | dBm/Vm | dBm | dB | dB | dB | dB | cm | deg | 1 | * 2456.00 | 103.48 | 49.48 | 54.00 | 100.13 | 32.96 | 7.22 | 36.83 | 160 | 174 Average |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over        | Limit  | ReadAntenna | Cable  | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phas    |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| MHz  | dBm/Vm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB          | dBm/Vm | dBm         | dB     | dB          | dB    | dB     | cm     | deg         |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| 1    | 2483.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 52.07       | -1.93  | 54.00       | 48.66  | 32.98       | 7.25  | 36.82  | 160    | 174 Average |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over        | Limit  | ReadAntenna | Cable  | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phas    |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| MHz  | dBm/Vm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB          | dBm/Vm | dBm         | dB     | dB          | dB    | dB     | cm     | deg         |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |
| 1    | * 2456.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 103.48      | 49.48  | 54.00       | 100.13 | 32.96       | 7.22  | 36.83  | 160    | 174 Average |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |     |    |    |    |    |    |     |   |           |        |       |       |        |       |      |       |     |             |



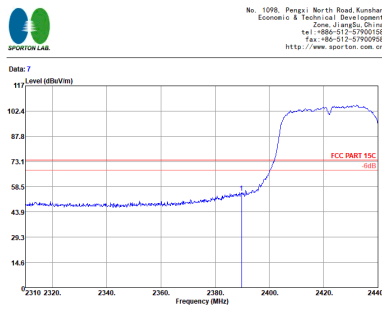
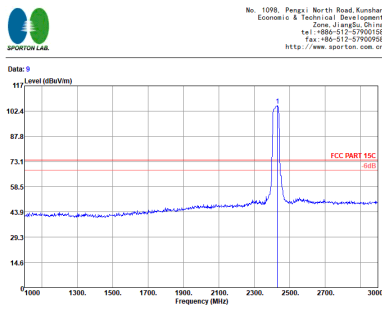
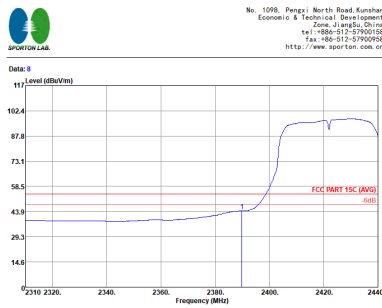
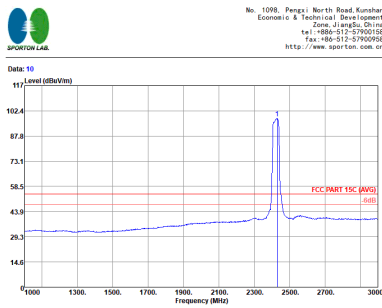
| WIFI | 2.4GHz 2400~2483.5MHz Fundamental @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |              |              |              |        |           |           |           |      |         |          |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|--------------|--------------|--------|-----------|-----------|-----------|------|---------|----------|--------------|-------------|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|---------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------------|--------------|-------|-------|--------|-----------|------|-------|------|--------------|-------------|----|-----|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-----|---------|----------|
| ANT  | 802.11n HT20 CH11 2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |              |              |              |        |           |           |           |      |         |          |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Fundamental |              |              |              |        |           |           |           |      |         |          |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Peak | <div><div></div><div><p>No. 1098, Pengzi North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030805-K5<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000, 000kHz VBR 3000, 000kHz SMT Auto<br/>Mode : (FR) 263001<br/>Plane : 15<br/>Full-directivity : 2<br/>Power setting : 2</p><table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>cn</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.50</td><td>63.41</td><td>-10.99</td><td>74.00</td><td>60.00</td><td>32.98</td><td>7.25</td><td>36.82</td><td>376</td><td>214</td><td>Peak</td><td>VERTICAL</td></tr></table></div></div>           | Over        | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos     | Remark    | Pol/Phase | Freq | Level   | Line     | Level Factor | Loss Factor | cn | deg |  | 1 | 2483.50 | 63.41 | -10.99 | 74.00 | 60.00 | 32.98 | 7.25 | 36.82 | 376 | 214 | Peak    | VERTICAL | <div><div></div><div><p>No. 1098, Pengzi North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030805-K5<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000, 000kHz VBR 3000, 000kHz SMT Auto<br/>Mode : (FR) 263001<br/>Plane : 15<br/>Full-directivity : 2<br/>Power setting : 2</p><table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>cn</th><th>deg</th><th></th></tr><tr><td>1</td><td>2464.00</td><td>107.80</td><td>33.80</td><td>74.00</td><td>104.45</td><td>32.96</td><td>7.22</td><td>36.83</td><td>376</td><td>214</td><td>Peak</td><td>VERTICAL</td></tr></table></div></div>          | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phase | Freq | Level | Line | Level Factor | Loss Factor | cn | deg |  | 1 | 2464.00 | 107.80 | 33.80 | 74.00 | 104.45 | 32.96 | 7.22 | 36.83 | 376 | 214 | Peak    | VERTICAL |
|      | Over                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Limit       | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark    | Pol/Phase |           |      |         |          |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Line        | Level Factor | Loss Factor  | cn           | deg    |           |           |           |      |         |          |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2483.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 63.41       | -10.99       | 74.00        | 60.00        | 32.98  | 7.25      | 36.82     | 376       | 214  | Peak    | VERTICAL |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Over | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phase |           |           |      |         |          |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Line        | Level Factor | Loss Factor  | cn           | deg    |           |           |           |      |         |          |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2464.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 107.80      | 33.80        | 74.00        | 104.45       | 32.96  | 7.22      | 36.83     | 376       | 214  | Peak    | VERTICAL |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Avg. | <div><div></div><div><p>No. 1098, Pengzi North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030805-K5<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000, 000kHz VBR 3000, 000kHz SMT Auto<br/>Mode : (FR) 263001<br/>Plane : 15<br/>Full-directivity : 2<br/>Power setting : 2</p><table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>cn</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.50</td><td>50.28</td><td>-3.72</td><td>54.00</td><td>46.87</td><td>32.98</td><td>7.25</td><td>36.82</td><td>376</td><td>214</td><td>Average</td><td>VERTICAL</td></tr></table></div></div> | Over        | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos     | Remark    | Pol/Phase | Freq | Level   | Line     | Level Factor | Loss Factor | cn | deg |  | 1 | 2483.50 | 50.28 | -3.72  | 54.00 | 46.87 | 32.98 | 7.25 | 36.82 | 376 | 214 | Average | VERTICAL | <div><div></div><div><p>No. 1098, Pengzi North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030805-K5<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000, 000kHz VBR 3000, 000kHz SMT Auto<br/>Mode : (FR) 263001<br/>Plane : 15<br/>Full-directivity : 2<br/>Power setting : 2</p><table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>cn</th><th>deg</th><th></th></tr><tr><td>1</td><td>2464.00</td><td>99.93</td><td>45.93</td><td>54.00</td><td>96.58</td><td>32.96</td><td>7.22</td><td>36.83</td><td>376</td><td>214</td><td>Average</td><td>VERTICAL</td></tr></table></div></div> | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phase | Freq | Level | Line | Level Factor | Loss Factor | cn | deg |  | 1 | 2464.00 | 99.93  | 45.93 | 54.00 | 96.58  | 32.96 | 7.22 | 36.83 | 376 | 214 | Average | VERTICAL |
| Over | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phase |           |           |      |         |          |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Line        | Level Factor | Loss Factor  | cn           | deg    |           |           |           |      |         |          |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2483.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 50.28       | -3.72        | 54.00        | 46.87        | 32.98  | 7.25      | 36.82     | 376       | 214  | Average | VERTICAL |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Over | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phase |           |           |      |         |          |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Line        | Level Factor | Loss Factor  | cn           | deg    |           |           |           |      |         |          |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2464.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 99.93       | 45.93        | 54.00        | 96.58        | 32.96  | 7.22      | 36.83     | 376       | 214  | Average | VERTICAL |              |             |    |     |  |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |             |              |       |       |        |           |      |       |      |              |             |    |     |  |   |         |        |       |       |        |       |      |       |     |     |         |          |



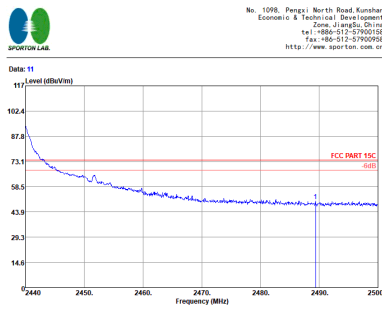
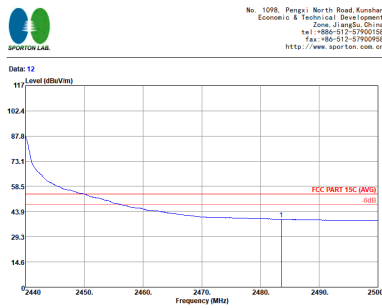


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |        |             |       |             |       |        |        |             |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------------|-------|-------------|-------|--------|--------|-------------|------------|-----------|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|------------|------------|
| ANT  | 802.11n HT40 CH03 2422MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |        |             |       |             |       |        |        |             |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| 1    | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Fundamental |        |             |       |             |       |        |        |             |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| Peak | <div><div></div><div><div>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>Tel: +86-512-57900158<br/>Fax: +86-512-57900958<br/>http://www.sporton.com.cn</div></div></div> <div><div>Data: 5</div></div> <div><div>Site : 030905-K5<br/>Condition : FCC PART 15C 3m 3317 SN 75957 HORIZONTAL<br/>Project : RBW 1000, 000kHz VBW 3000, 000kHz SFT Auto<br/>Model : (FR) 263001<br/>Plane : 16<br/>Polarization : Full-directivity<br/>Power setting : 02</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2499.76</td><td>53.86</td><td>-20.14</td><td>74.00</td><td>50.39</td><td>33.00</td><td>7.28</td><td>36.81</td><td>163</td><td>174 Peak</td><td>HORIZONTAL</td></tr></table></div>           | Freq        | Level  | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phase | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2499.76 | 53.86 | -20.14 | 74.00 | 50.39 | 33.00 | 7.28 | 36.81 | 163 | 174 Peak    | HORIZONTAL | Left Blank |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Over        | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phase   |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB          | dBuV/m | dBuV        | dB/m  | dB          | dB    | cm     | deg    |             |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| 1    | 2499.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 53.86       | -20.14 | 74.00       | 50.39 | 33.00       | 7.28  | 36.81  | 163    | 174 Peak    | HORIZONTAL |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| Avg. | <div><div></div><div><div>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>Tel: +86-512-57900158<br/>Fax: +86-512-57900958<br/>http://www.sporton.com.cn</div></div></div> <div><div>Data: 6</div></div> <div><div>Site : 030905-K5<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 HORIZONTAL<br/>Project : RBW 1000, 000kHz VBW 3.0100kHz SFT Auto<br/>Model : (FR) 263001<br/>Plane : 16<br/>Polarization : Full-directivity<br/>Power setting : 02</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2496.70</td><td>41.67</td><td>-12.33</td><td>54.00</td><td>38.20</td><td>33.00</td><td>7.28</td><td>36.81</td><td>163</td><td>174 Average</td><td>HORIZONTAL</td></tr></table></div> | Freq        | Level  | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phase | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2496.70 | 41.67 | -12.33 | 54.00 | 38.20 | 33.00 | 7.28 | 36.81 | 163 | 174 Average | HORIZONTAL | Left Blank |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Over        | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phase   |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB          | dBuV/m | dBuV        | dB/m  | dB          | dB    | cm     | deg    |             |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| 1    | 2496.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 41.67       | -12.33 | 54.00       | 38.20 | 33.00       | 7.28  | 36.81  | 163    | 174 Average | HORIZONTAL |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |

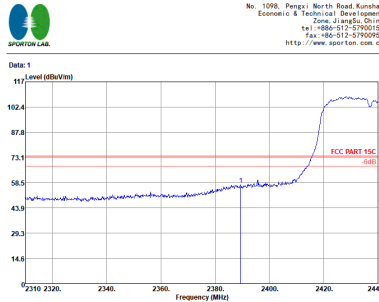
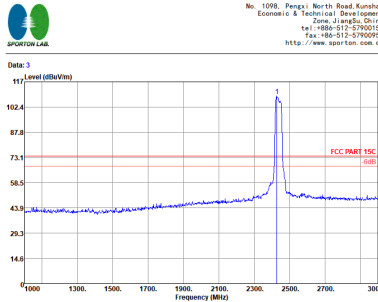
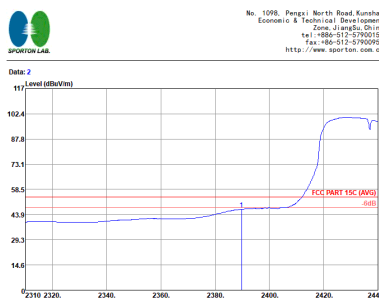
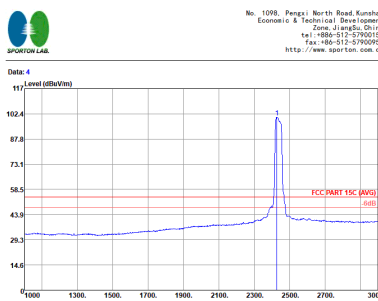


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |               |             |              |              |              |        |          |             |          |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|-------------|--------------|--------------|--------------|--------|----------|-------------|----------|-----|-----------|----|-----------|-----------|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------|------|-------|-------------|--------------|-------|-------|--------|----------|-----|-----------|----|-----------|-----------|----|----|-----|--|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-------------|----------|
| ANT  | 802.11n HT40 CH03 2422MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |               |             |              |              |              |        |          |             |          |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Fundamental   |               |             |              |              |              |        |          |             |          |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Peak | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030405-K5<br/>Condition : FCC PART 15C 3e 3317 5N 75957 VERTICAL<br/>Project : RSM 1000.000kHz VBR 3000.000kHz SMT Auto<br/>Mode : 16<br/>Plane : 1<br/>Full-directivity : 2<br/>Power setting : 0</p><table><tr><th>MEI</th><th>Power setting</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.69</td><td>55.24</td><td>-18.76</td><td>74.00</td><td>52.12</td><td>32.88</td><td>7.10</td><td>36.86</td><td>385</td><td>208 Peak</td><td>VERTICAL</td></tr></table></div></div>          | MEI           | Power setting | Over        | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark      | Pol/Phas | MHz | dBm/100Hz | dB | dBm/100Hz | dBm/100Hz | dB | cm | deg |  |  | 1 | 2389.69 | 55.24 | -18.76 | 74.00 | 52.12 | 32.88 | 7.10 | 36.86 | 385 | 208 Peak    | VERTICAL | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030405-K5<br/>Condition : FCC PART 15C 3e 3317 5N 75957 VERTICAL<br/>Project : RSM 1000.000kHz VBR 3000.000kHz SMT Auto<br/>Mode : 16<br/>Plane : 1<br/>Full-directivity : 2<br/>Power setting : 0</p><table><tr><th>MEI</th><th>Power setting</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2432.00</td><td>105.72</td><td>31.72</td><td>74.00</td><td>102.49</td><td>32.92</td><td>7.16</td><td>36.85</td><td>385</td><td>208 Peak</td><td>VERTICAL</td></tr></table></div></div>         | MEI | Power setting | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/100Hz | dB | dBm/100Hz | dBm/100Hz | dB | cm | deg |  |  | 1 | 2432.00 | 105.72 | 31.72 | 74.00 | 102.49 | 32.92 | 7.16 | 36.85 | 385 | 208 Peak    | VERTICAL |
|      | MEI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Power setting | Over          | Limit       | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas    |          |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBm/100Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB            | dBm/100Hz     | dBm/100Hz   | dB           | cm           | deg          |        |          |             |          |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2389.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 55.24         | -18.76        | 74.00       | 52.12        | 32.88        | 7.10         | 36.86  | 385      | 208 Peak    | VERTICAL |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MEI  | Power setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Over          | Limit         | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |             |          |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBm/100Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB            | dBm/100Hz     | dBm/100Hz   | dB           | cm           | deg          |        |          |             |          |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2432.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 105.72        | 31.72         | 74.00       | 102.49       | 32.92        | 7.16         | 36.85  | 385      | 208 Peak    | VERTICAL |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| Avg. | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030405-K5<br/>Condition : FCC PART 15C (AVG) 3e 3317 5N 75957 VERTICAL<br/>Project : RSM 1000.000kHz VBR 3.01000kHz SMT Auto<br/>Mode : 16<br/>Plane : 1<br/>Full-directivity : 2<br/>Power setting : 0</p><table><tr><th>MEI</th><th>Power setting</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.82</td><td>44.40</td><td>-9.60</td><td>54.00</td><td>41.28</td><td>32.88</td><td>7.10</td><td>36.86</td><td>385</td><td>208 Average</td><td>VERTICAL</td></tr></table></div></div> | MEI           | Power setting | Over        | Limit        | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark      | Pol/Phas | MHz | dBm/100Hz | dB | dBm/100Hz | dBm/100Hz | dB | cm | deg |  |  | 1 | 2389.82 | 44.40 | -9.60  | 54.00 | 41.28 | 32.88 | 7.10 | 36.86 | 385 | 208 Average | VERTICAL | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030405-K5<br/>Condition : FCC PART 15C (AVG) 3e 3317 5N 75957 VERTICAL<br/>Project : RSM 1000.000kHz VBR 3.01000kHz SMT Auto<br/>Mode : 16<br/>Plane : 1<br/>Full-directivity : 2<br/>Power setting : 0</p><table><tr><th>MEI</th><th>Power setting</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2430.00</td><td>98.09</td><td>44.09</td><td>54.00</td><td>94.86</td><td>32.92</td><td>7.16</td><td>36.85</td><td>385</td><td>208 Average</td><td>VERTICAL</td></tr></table></div></div> | MEI | Power setting | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/100Hz | dB | dBm/100Hz | dBm/100Hz | dB | cm | deg |  |  | 1 | 2430.00 | 98.09  | 44.09 | 54.00 | 94.86  | 32.92 | 7.16 | 36.85 | 385 | 208 Average | VERTICAL |
| MEI  | Power setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Over          | Limit         | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |             |          |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBm/100Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB            | dBm/100Hz     | dBm/100Hz   | dB           | cm           | deg          |        |          |             |          |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2389.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 44.40         | -9.60         | 54.00       | 41.28        | 32.88        | 7.10         | 36.86  | 385      | 208 Average | VERTICAL |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MEI  | Power setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Over          | Limit         | ReadAntenna | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |             |          |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| MHz  | dBm/100Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dB            | dBm/100Hz     | dBm/100Hz   | dB           | cm           | deg          |        |          |             |          |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |
| 1    | 2430.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 98.09         | 44.09         | 54.00       | 94.86        | 32.92        | 7.16         | 36.85  | 385      | 208 Average | VERTICAL |     |           |    |           |           |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |               |      |       |             |              |       |       |        |          |     |           |    |           |           |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |             |          |

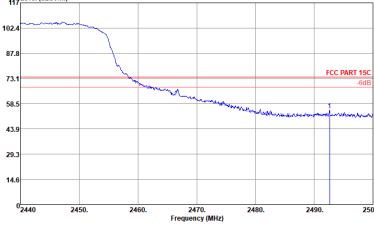
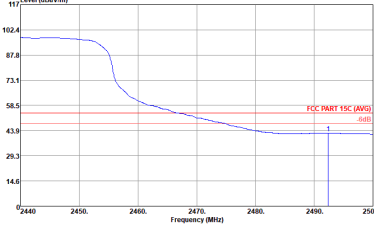


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |        |       |             |              |              |       |                          |           |           |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |                          |            |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------|-------------|--------------|--------------|-------|--------------------------|-----------|-----------|-----|--------|----|--------|------|------|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|--------------------------|------------|
| ANT  | 802.11n HT40 CH03 2422MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |        |       |             |              |              |       |                          |           |           |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |                          |            |
| 1    | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Fundamental |        |       |             |              |              |       |                          |           |           |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |                          |            |
| Peak | <div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development Zone, Jiangsu, China<br/>Tel: +86-512-57900158<br/>Fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C 30 3317 5N 75957 VERTICAL<br/>Project : RSM 1000, 000KHz, VSW: 3000, 000KHz, DFT: Auto<br/>Bode : 16<br/>Plane : 1<br/>Full-directivity : 1<br/>Power setting : 0</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1</td><td>2489.38</td><td>50.33</td><td>-23.67</td><td>74.00</td><td>46.89</td><td>33.00</td><td>7.25</td><td>36.81</td><td>385 208 Peak VERTICAL</td></tr></table></div></div>         | Freq        | Level  | Over  | Limit       | ReadAntenna  | Cable Preamp | A/Pos | T/Pos                    | Remark    | Pol/Phase | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | deg |  | 1 | 2489.38 | 50.33 | -23.67 | 74.00 | 46.89 | 33.00 | 7.25 | 36.81 | 385 208 Peak VERTICAL    | Left blank |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Level       | Over   | Limit | ReadAntenna | Cable Preamp | A/Pos        | T/Pos | Remark                   | Pol/Phase |           |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |                          |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dB          | dBuV/m | dBuV  | dB/m        | dB           | dB           | deg   |                          |           |           |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |                          |            |
| 1    | 2489.38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 50.33       | -23.67 | 74.00 | 46.89       | 33.00        | 7.25         | 36.81 | 385 208 Peak VERTICAL    |           |           |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |                          |            |
| Avg. | <div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development Zone, Jiangsu, China<br/>Tel: +86-512-57900158<br/>Fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C (AVG) 30 3317 5N 75957 VERTICAL<br/>Project : RSM 1000, 000KHz, VSW: 3.0100KHz, DFT: Auto<br/>Bode : 16<br/>Plane : 1<br/>Full-directivity : 1<br/>Power setting : 0</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.56</td><td>39.45</td><td>-14.55</td><td>54.00</td><td>36.04</td><td>32.98</td><td>7.25</td><td>36.82</td><td>385 208 Average VERTICAL</td></tr></table></div></div> | Freq        | Level  | Over  | Limit       | ReadAntenna  | Cable Preamp | A/Pos | T/Pos                    | Remark    | Pol/Phase | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | deg |  | 1 | 2483.56 | 39.45 | -14.55 | 54.00 | 36.04 | 32.98 | 7.25 | 36.82 | 385 208 Average VERTICAL | Left blank |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Level       | Over   | Limit | ReadAntenna | Cable Preamp | A/Pos        | T/Pos | Remark                   | Pol/Phase |           |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |                          |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dB          | dBuV/m | dBuV  | dB/m        | dB           | dB           | deg   |                          |           |           |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |                          |            |
| 1    | 2483.56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 39.45       | -14.55 | 54.00 | 36.04       | 32.98        | 7.25         | 36.82 | 385 208 Average VERTICAL |           |           |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |                          |            |

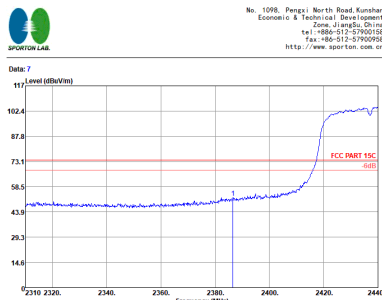
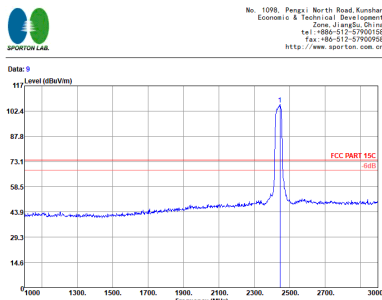
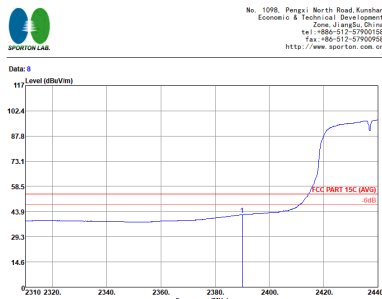
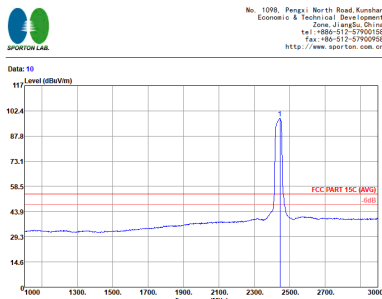


| WIFI |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.4GHz 2400~2483.5MHz Band Edge @ 3m |          |             |             |             |        |        |        |             |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------|-------------|-------------|-------------|--------|--------|--------|-------------|----------|----------|-----|----------|----|----------|----------|----|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|----------|----|----------|----------|----|----|----|-----|--|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|----------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|----------|----|----------|----------|----|----|----|-----|--|--|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|----------|----|----------|----------|----|----|----|-----|--|--|---|---------|--------|-------|-------|-------|-------|------|-------|-----|-------------|
| ANT  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 802.11n HT40 CH06 2437MHz - L        |          |             |             |             |        |        |        |             |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| 1    | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Fundamental                          |          |             |             |             |        |        |        |             |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| Peak | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan<br/>Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030H05-K5<br/>Condition : FCC PART 15C 3e 3317 SN 75957 HORIZONTAL<br/>Project : RRM 1000.000kHz VBR 3000.000kHz SMT Auto<br/>Bode : (FR)263001<br/>Plane : 17<br/>Full-directivity : 2<br/>IME1 : 0<br/>PowerSetting : 0</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.43</td><td>57.22</td><td>-16.78</td><td>74.00</td><td>54.10</td><td>32.88</td><td>7.10</td><td>36.86</td><td>163</td><td>173 Peak</td></tr></table></div></div> <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan<br/>Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030H05-K5<br/>Condition : FCC PART 15C 3e 3317 SN 75957 HORIZONTAL<br/>Project : RRM 1000.000kHz VBR 3000.000kHz SMT Auto<br/>Bode : (FR)263001<br/>Plane : 17<br/>Full-directivity : 2<br/>IME1 : 0<br/>PowerSetting : 0</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2428.00</td><td>109.00</td><td>35.00</td><td>74.00</td><td>105.77</td><td>32.92</td><td>7.16</td><td>36.85</td><td>163</td><td>173 Peak</td></tr></table></div></div> | Freq                                 | Level    | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos       | Remark   | Pol/Phas | MHz | dBm/100m | dB | dBm/100m | dBm/100m | dB | dB | cm | deg |  |  | 1 | 2389.43 | 57.22 | -16.78 | 74.00 | 54.10 | 32.88 | 7.10 | 36.86 | 163 | 173 Peak | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/100m | dB | dBm/100m | dBm/100m | dB | dB | cm | deg |  |  | 1 | 2428.00 | 109.00 | 35.00 | 74.00 | 105.77 | 32.92 | 7.16 | 36.85 | 163 | 173 Peak | Avg. | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan<br/>Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030H05-K5<br/>Condition : FCC PART 15C (AVG) 3e 3317 SN 75957 HORIZONTAL<br/>Project : RRM 1000.000kHz VBR 3.0100kHz SMT Auto<br/>Bode : (FR)263001<br/>Plane : 17<br/>Full-directivity : 2<br/>IME1 : 0<br/>PowerSetting : 0</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.69</td><td>46.96</td><td>-7.04</td><td>54.00</td><td>43.84</td><td>32.88</td><td>7.10</td><td>36.86</td><td>163</td><td>173 Average</td></tr></table></div></div> <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan<br/>Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030H05-K5<br/>Condition : FCC PART 15C (AVG) 3e 3317 SN 75957 HORIZONTAL<br/>Project : RRM 1000.000kHz VBR 3.0100kHz SMT Auto<br/>Bode : (FR)263001<br/>Plane : 17<br/>Full-directivity : 2<br/>IME1 : 0<br/>PowerSetting : 0</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2428.00</td><td>100.52</td><td>46.52</td><td>54.00</td><td>97.29</td><td>32.92</td><td>7.16</td><td>36.85</td><td>163</td><td>173 Average</td></tr></table></div></div> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/100m | dB | dBm/100m | dBm/100m | dB | dB | cm | deg |  |  | 1 | 2389.69 | 46.96 | -7.04 | 54.00 | 43.84 | 32.88 | 7.10 | 36.86 | 163 | 173 Average | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/100m | dB | dBm/100m | dBm/100m | dB | dB | cm | deg |  |  | 1 | 2428.00 | 100.52 | 46.52 | 54.00 | 97.29 | 32.92 | 7.16 | 36.85 | 163 | 173 Average |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Level                                | Over     | Limit       | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos  | Remark      | Pol/Phas |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| MHz  | dBm/100m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB                                   | dBm/100m | dBm/100m    | dB          | dB          | cm     | deg    |        |             |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| 1    | 2389.43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 57.22                                | -16.78   | 74.00       | 54.10       | 32.88       | 7.10   | 36.86  | 163    | 173 Peak    |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Over                                 | Limit    | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas    |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| MHz  | dBm/100m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB                                   | dBm/100m | dBm/100m    | dB          | dB          | cm     | deg    |        |             |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| 1    | 2428.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 109.00                               | 35.00    | 74.00       | 105.77      | 32.92       | 7.16   | 36.85  | 163    | 173 Peak    |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Over                                 | Limit    | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas    |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| MHz  | dBm/100m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB                                   | dBm/100m | dBm/100m    | dB          | dB          | cm     | deg    |        |             |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| 1    | 2389.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 46.96                                | -7.04    | 54.00       | 43.84       | 32.88       | 7.10   | 36.86  | 163    | 173 Average |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Over                                 | Limit    | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas    |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| MHz  | dBm/100m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB                                   | dBm/100m | dBm/100m    | dB          | dB          | cm     | deg    |        |             |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |
| 1    | 2428.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100.52                               | 46.52    | 54.00       | 97.29       | 32.92       | 7.16   | 36.85  | 163    | 173 Average |          |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |          |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |        |       |      |       |     |          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |       |       |       |       |       |      |       |     |             |      |       |      |       |             |       |        |       |       |        |          |     |          |    |          |          |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |     |             |

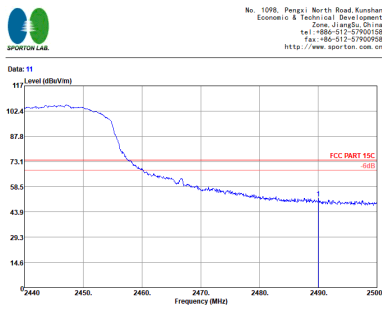
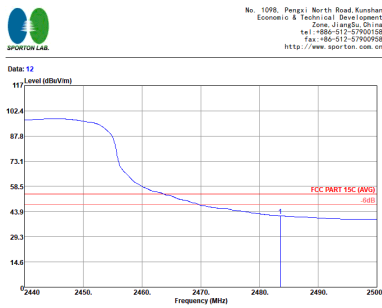


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |        |             |       |             |       |        |        |             |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------------|-------|-------------|-------|--------|--------|-------------|------------|-----------|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|------------|------------|
| ANT  | 802.11n HT40 CH06 2437MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |        |             |       |             |       |        |        |             |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| 1    | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Fundamental |        |             |       |             |       |        |        |             |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| Peak | <div><div></div><div><div>No. 1098, Pengzi North Road Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div></div></div> <div><div>Data: 5</div></div> <div><div>Site : 030905-K3<br/>Condition : FCC PART 15C 3m 3317 SN 75957 HORIZONTAL<br/>Project : RBW 1000, 000kHz VBW 3000, 000kHz SFT Auto<br/>Model : FR263001<br/>Plane : 17<br/>Polarization : Full-directivity<br/>Power setting : 02</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2492.62</td><td>54.64</td><td>-19.36</td><td>74.00</td><td>51.17</td><td>33.00</td><td>7.28</td><td>36.81</td><td>163</td><td>173 Peak</td><td>HORIZONTAL</td></tr></table></div>           | Freq        | Level  | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phase | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2492.62 | 54.64 | -19.36 | 74.00 | 51.17 | 33.00 | 7.28 | 36.81 | 163 | 173 Peak    | HORIZONTAL | Left blank |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Over        | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phase   |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dB          | dBuV/m | dBuV        | dB/m  | dB          | dB    | cm     | deg    |             |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| 1    | 2492.62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 54.64       | -19.36 | 74.00       | 51.17 | 33.00       | 7.28  | 36.81  | 163    | 173 Peak    | HORIZONTAL |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| Avg. | <div><div></div><div><div>No. 1098, Pengzi North Road Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div></div></div> <div><div>Data: 6</div></div> <div><div>Site : 030905-K3<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 HORIZONTAL<br/>Project : RBW 1000, 000kHz VBW 3.0100kHz SFT Auto<br/>Model : FR263001<br/>Plane : 17<br/>Polarization : Full-directivity<br/>Power setting : 04</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2492.38</td><td>42.38</td><td>-11.62</td><td>54.00</td><td>38.91</td><td>33.00</td><td>7.28</td><td>36.81</td><td>163</td><td>173 Average</td><td>HORIZONTAL</td></tr></table></div> | Freq        | Level  | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phase | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2492.38 | 42.38 | -11.62 | 54.00 | 38.91 | 33.00 | 7.28 | 36.81 | 163 | 173 Average | HORIZONTAL | Left blank |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Over        | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phase   |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dB          | dBuV/m | dBuV        | dB/m  | dB          | dB    | cm     | deg    |             |            |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |
| 1    | 2492.38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 42.38       | -11.62 | 54.00       | 38.91 | 33.00       | 7.28  | 36.81  | 163    | 173 Average | HORIZONTAL |           |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |             |            |            |

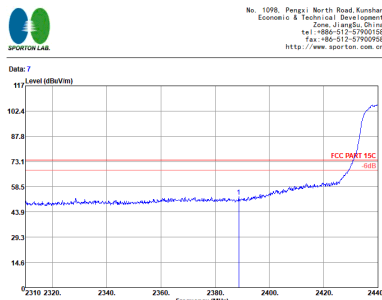
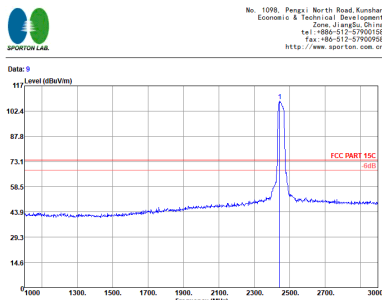
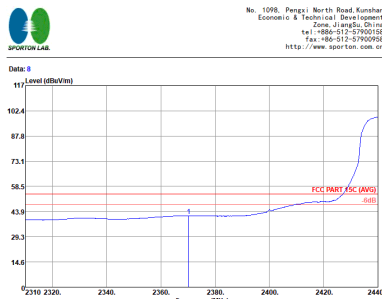
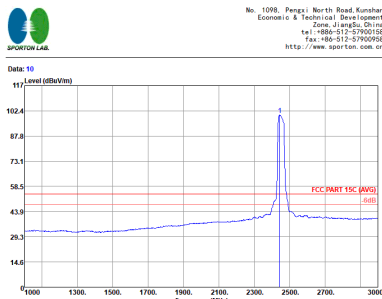


| WIFI |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2.4GHz 2400~2483.5MHz Band Edge @ 3m |               |              |              |              |        |           |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------|--------------|--------------|--------------|--------|-----------|-----------|-----------|---------|------------|----|------------|----|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|---------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------|------------|-------------|--------------|-------|-------|--------|-----------|-----|------------|----|------------|----|----|----|----|-----|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-----|---------|----------|
| ANT  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 802.11n HT40 CH06 2437MHz - L        |               |              |              |              |        |           |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Fundamental                          |               |              |              |              |        |           |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Peak | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030405-K5<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RBW 1000.000kHz VBW 3000.000kHz SMT Auto<br/>Mode : (FR)263001<br/>Plane : 17<br/>Polarization : Full-directivity<br/>Power setting : 0</p><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2386.97</td><td>52.13</td><td>-21.87</td><td>74.00</td><td>49.01</td><td>32.88</td><td>7.10</td><td>36.86</td><td>337</td><td>209</td><td>Peak</td><td>VERTICAL</td></tr></table></div></div>          | MEI                                  | Power setting | Over Limit   | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos     | Remark    | Pol/Phase | MHz     | dBm/100kHz | dB | dBm/100kHz | dB | dB | dB | cm | deg | 1 | 2386.97 | 52.13 | -21.87 | 74.00 | 49.01 | 32.88 | 7.10 | 36.86 | 337 | 209 | Peak    | VERTICAL | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030405-K5<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RBW 1000.000kHz VBW 3000.000kHz SMT Auto<br/>Mode : (FR)263001<br/>Plane : 17<br/>Polarization : Full-directivity<br/>Power setting : 0</p><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2446.00</td><td>106.09</td><td>32.09</td><td>74.00</td><td>102.80</td><td>32.94</td><td>7.19</td><td>36.84</td><td>337</td><td>209</td><td>Peak</td><td>VERTICAL</td></tr></table></div></div>        | MEI | Power setting | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phase | MHz | dBm/100kHz | dB | dBm/100kHz | dB | dB | dB | cm | deg | 1 | 2446.00 | 106.09 | 32.09 | 74.00 | 102.80 | 32.94 | 7.19 | 36.84 | 337 | 209 | Peak    | VERTICAL |
|      | MEI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Power setting                        | Over Limit    | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark    | Pol/Phase |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MHz  | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB                                   | dBm/100kHz    | dB           | dB           | dB           | cm     | deg       |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2386.97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 52.13                                | -21.87        | 74.00        | 49.01        | 32.88        | 7.10   | 36.86     | 337       | 209       | Peak    | VERTICAL   |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MEI  | Power setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Over Limit                           | ReadAntenna   | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phase |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MHz  | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB                                   | dBm/100kHz    | dB           | dB           | dB           | cm     | deg       |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2446.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 106.09                               | 32.09         | 74.00        | 102.80       | 32.94        | 7.19   | 36.84     | 337       | 209       | Peak    | VERTICAL   |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| Avg. | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030405-K5<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 VERTICAL<br/>Project : RBW 1000.000kHz VBW 3.0100kHz SMT Auto<br/>Mode : (FR)263001<br/>Plane : 17<br/>Polarization : Full-directivity<br/>Power setting : 0</p><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.95</td><td>42.02</td><td>-11.98</td><td>54.00</td><td>38.90</td><td>32.88</td><td>7.10</td><td>36.86</td><td>337</td><td>209</td><td>Average</td><td>VERTICAL</td></tr></table></div></div> | MEI                                  | Power setting | Over Limit   | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos     | Remark    | Pol/Phase | MHz     | dBm/100kHz | dB | dBm/100kHz | dB | dB | dB | cm | deg | 1 | 2389.95 | 42.02 | -11.98 | 54.00 | 38.90 | 32.88 | 7.10 | 36.86 | 337 | 209 | Average | VERTICAL | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030405-K5<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 VERTICAL<br/>Project : RBW 1000.000kHz VBW 3.0100kHz SMT Auto<br/>Mode : (FR)263001<br/>Plane : 17<br/>Polarization : Full-directivity<br/>Power setting : 0</p><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2446.00</td><td>98.11</td><td>44.11</td><td>54.00</td><td>94.82</td><td>32.94</td><td>7.19</td><td>36.84</td><td>337</td><td>209</td><td>Average</td><td>VERTICAL</td></tr></table></div></div> | MEI | Power setting | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phase | MHz | dBm/100kHz | dB | dBm/100kHz | dB | dB | dB | cm | deg | 1 | 2446.00 | 98.11  | 44.11 | 54.00 | 94.82  | 32.94 | 7.19 | 36.84 | 337 | 209 | Average | VERTICAL |
|      | MEI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Power setting                        | Over Limit    | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark    | Pol/Phase |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MHz  | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB                                   | dBm/100kHz    | dB           | dB           | dB           | cm     | deg       |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2389.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 42.02                                | -11.98        | 54.00        | 38.90        | 32.88        | 7.10   | 36.86     | 337       | 209       | Average | VERTICAL   |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MEI  | Power setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Over Limit                           | ReadAntenna   | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phase |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| MHz  | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB                                   | dBm/100kHz    | dB           | dB           | dB           | cm     | deg       |           |           |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |
| 1    | 2446.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 98.11                                | 44.11         | 54.00        | 94.82        | 32.94        | 7.19   | 36.84     | 337       | 209       | Average | VERTICAL   |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |               |            |             |              |       |       |        |           |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |          |

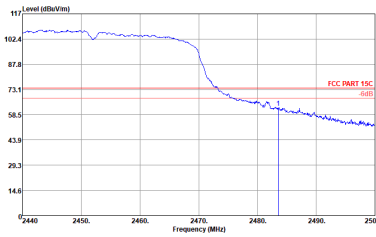
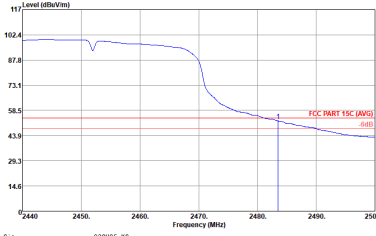


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |        |              |             |              |             |              |        |                      |        |           |     |        |    |        |        |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |            |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------------|-------------|--------------|-------------|--------------|--------|----------------------|--------|-----------|-----|--------|----|--------|--------|----|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------------------|------------|
| ANT  | 802.11n HT40 CH06 2437MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |        |              |             |              |             |              |        |                      |        |           |     |        |    |        |        |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |            |
| 1    | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Fundamental |        |              |             |              |             |              |        |                      |        |           |     |        |    |        |        |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |            |
| Peak | <div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development Zone, Jiangsu, China<br/>Tel: +86-512-57900158<br/>Fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000, 000KHz VSW: 3000, 000KHz DFT: Auto<br/>Bode : (FR) 263001<br/>Plane : 2<br/>Full-directivity : 2<br/>Power setting : 0</p><table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2490.04</td><td>51.90</td><td>-22.10</td><td>74.00</td><td>48.46</td><td>33.00</td><td>7.25</td><td>36.81</td><td>337</td><td>209 Peak VERTICAL</td></tr></table></div></div>         | Freq        | Level  | Limit        | Line        | Level Factor | ReadAntenna | Cable Preamp | A/Pos  | T/Pos                | Remark | Pol/Phase | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | dB | cm | deg |  |  | 1 | 2490.04 | 51.90 | -22.10 | 74.00 | 48.46 | 33.00 | 7.25 | 36.81 | 337 | 209 Peak VERTICAL    | Left blank |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Limit       | Line   | Level Factor | ReadAntenna | Cable Preamp | A/Pos       | T/Pos        | Remark | Pol/Phase            |        |           |     |        |    |        |        |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB          | dBuV/m | dBuV/m       | dB          | dB           | cm          | deg          |        |                      |        |           |     |        |    |        |        |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |            |
| 1    | 2490.04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 51.90       | -22.10 | 74.00        | 48.46       | 33.00        | 7.25        | 36.81        | 337    | 209 Peak VERTICAL    |        |           |     |        |    |        |        |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |            |
| Avg. | <div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development Zone, Jiangsu, China<br/>Tel: +86-512-57900158<br/>Fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000, 000KHz VSW: 3.0100KHz DFT: Auto<br/>Bode : (FR) 263001<br/>Plane : 2<br/>Full-directivity : 2<br/>Power setting : 0</p><table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2483.56</td><td>41.48</td><td>-12.52</td><td>54.00</td><td>38.07</td><td>32.98</td><td>7.25</td><td>36.82</td><td>337</td><td>209 Average VERTICAL</td></tr></table></div></div> | Freq        | Level  | Limit        | Line        | Level Factor | ReadAntenna | Cable Preamp | A/Pos  | T/Pos                | Remark | Pol/Phase | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | dB | cm | deg |  |  | 1 | 2483.56 | 41.48 | -12.52 | 54.00 | 38.07 | 32.98 | 7.25 | 36.82 | 337 | 209 Average VERTICAL | Left blank |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Limit       | Line   | Level Factor | ReadAntenna | Cable Preamp | A/Pos       | T/Pos        | Remark | Pol/Phase            |        |           |     |        |    |        |        |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dB          | dBuV/m | dBuV/m       | dB          | dB           | cm          | deg          |        |                      |        |           |     |        |    |        |        |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |            |
| 1    | 2483.56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 41.48       | -12.52 | 54.00        | 38.07       | 32.98        | 7.25        | 36.82        | 337    | 209 Average VERTICAL |        |           |     |        |    |        |        |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |                      |            |

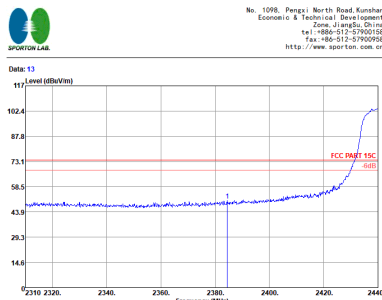
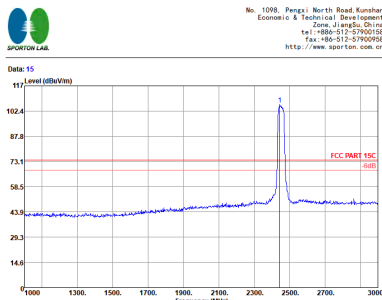
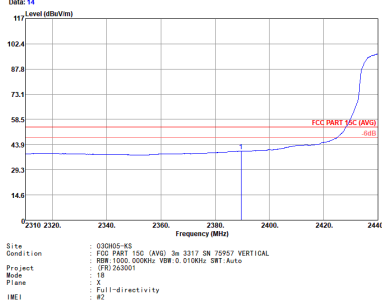
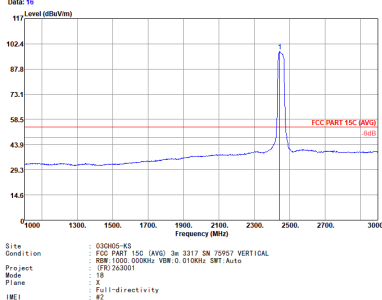


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |               |              |              |              |        |          |          |          |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|--------------|--------------|--------------|--------|----------|----------|----------|---------|------------|----|------------|----|----|----|----|-----|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-----|---------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------|------------|-------------|--------------|-------|-------|--------|----------|-----|------------|----|------------|----|----|----|----|-----|---|---------|--------|-------|-------|--------|-------|------|-------|-----|-----|---------|------------|
| ANT  | 802.11n HT40 CH09 2452MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |               |              |              |              |        |          |          |          |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Fundamental   |               |              |              |              |        |          |          |          |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| Peak | <div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Site : 030405-KS<br/>Condition : FCC PART 15C 3m 3317 SN 75957 HORIZONTAL<br/>Project : RSM 1000.000kHz VBR 3000.000kHz SMT Auto<br/>Bode : (FR)263001<br/>Plane : 18<br/>Full-directivity : 2<br/>Power setting : 47</div><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2388.65</td><td>52.67</td><td>-21.33</td><td>74.00</td><td>49.55</td><td>32.86</td><td>7.10</td><td>36.86</td><td>131</td><td>175</td><td>Peak</td><td>HORIZONTAL</td></tr></table></div></div></div>            | MEI           | Power setting | Over Limit   | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark   | Pol/Phas | MHz     | dBm/100MHz | dB | dBm/100MHz | dB | dB | dB | cm | deg | 1 | 2388.65 | 52.67 | -21.33 | 74.00 | 49.55 | 32.86 | 7.10 | 36.86 | 131 | 175 | Peak    | HORIZONTAL | <div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Site : 030405-KS<br/>Condition : FCC PART 15C 3m 3317 SN 75957 HORIZONTAL<br/>Project : RSM 1000.000kHz VBR 3000.000kHz SMT Auto<br/>Bode : (FR)263001<br/>Plane : 18<br/>Full-directivity : 2<br/>Power setting : 47</div><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2444.00</td><td>108.13</td><td>34.13</td><td>74.00</td><td>104.84</td><td>32.94</td><td>7.19</td><td>36.84</td><td>131</td><td>175</td><td>Peak</td><td>HORIZONTAL</td></tr></table></div></div></div>          | MEI | Power setting | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/100MHz | dB | dBm/100MHz | dB | dB | dB | cm | deg | 1 | 2444.00 | 108.13 | 34.13 | 74.00 | 104.84 | 32.94 | 7.19 | 36.84 | 131 | 175 | Peak    | HORIZONTAL |
|      | MEI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Power setting | Over Limit    | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas |          |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| MHz  | dBm/100MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dB            | dBm/100MHz    | dB           | dB           | dB           | cm     | deg      |          |          |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | 2388.65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 52.67         | -21.33        | 74.00        | 49.55        | 32.86        | 7.10   | 36.86    | 131      | 175      | Peak    | HORIZONTAL |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| MEI  | Power setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Over Limit    | ReadAntenna   | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |          |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| MHz  | dBm/100MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dB            | dBm/100MHz    | dB           | dB           | dB           | cm     | deg      |          |          |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | 2444.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 108.13        | 34.13         | 74.00        | 104.84       | 32.94        | 7.19   | 36.84    | 131      | 175      | Peak    | HORIZONTAL |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| Avg. | <div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Site : 030405-KS<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 HORIZONTAL<br/>Project : RSM 1000.000kHz VBR 3000.000kHz SMT Auto<br/>Bode : (FR)263001<br/>Plane : 18<br/>Full-directivity : 2<br/>Power setting : 47</div><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2370.19</td><td>41.49</td><td>-12.51</td><td>54.00</td><td>38.43</td><td>32.86</td><td>7.07</td><td>36.87</td><td>131</td><td>175</td><td>Average</td><td>HORIZONTAL</td></tr></table></div></div></div> | MEI           | Power setting | Over Limit   | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark   | Pol/Phas | MHz     | dBm/100MHz | dB | dBm/100MHz | dB | dB | dB | cm | deg | 1 | 2370.19 | 41.49 | -12.51 | 54.00 | 38.43 | 32.86 | 7.07 | 36.87 | 131 | 175 | Average | HORIZONTAL | <div><div></div><div><div>No. 1098, Pengxi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div><div><div>Site : 030405-KS<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 HORIZONTAL<br/>Project : RSM 1000.000kHz VBR 3000.000kHz SMT Auto<br/>Bode : (FR)263001<br/>Plane : 18<br/>Full-directivity : 2<br/>Power setting : 47</div><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2444.00</td><td>99.96</td><td>45.96</td><td>54.00</td><td>96.67</td><td>32.94</td><td>7.19</td><td>36.84</td><td>131</td><td>175</td><td>Average</td><td>HORIZONTAL</td></tr></table></div></div></div> | MEI | Power setting | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBm/100MHz | dB | dBm/100MHz | dB | dB | dB | cm | deg | 1 | 2444.00 | 99.96  | 45.96 | 54.00 | 96.67  | 32.94 | 7.19 | 36.84 | 131 | 175 | Average | HORIZONTAL |
|      | MEI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Power setting | Over Limit    | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas |          |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| MHz  | dBm/100MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dB            | dBm/100MHz    | dB           | dB           | dB           | cm     | deg      |          |          |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | 2370.19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 41.49         | -12.51        | 54.00        | 38.43        | 32.86        | 7.07   | 36.87    | 131      | 175      | Average | HORIZONTAL |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| MEI  | Power setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Over Limit    | ReadAntenna   | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |          |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| MHz  | dBm/100MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dB            | dBm/100MHz    | dB           | dB           | dB           | cm     | deg      |          |          |         |            |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |
| 1    | 2444.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 99.96         | 45.96         | 54.00        | 96.67        | 32.94        | 7.19   | 36.84    | 131      | 175      | Average | HORIZONTAL |    |            |    |    |    |    |     |   |         |       |        |       |       |       |      |       |     |     |         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |               |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |        |       |       |        |       |      |       |     |     |         |            |

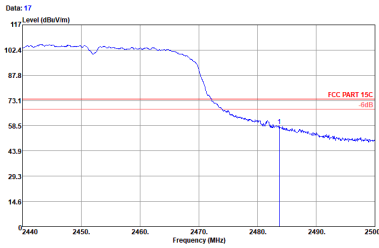
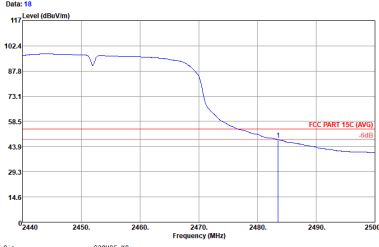


| WIFI      | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |            |             |       |             |       |        |             |            |        |           |     |            |    |            |            |    |    |    |     |  |  |           |       |        |       |       |       |      |       |     |             |            |            |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|-------------|-------|-------------|-------|--------|-------------|------------|--------|-----------|-----|------------|----|------------|------------|----|----|----|-----|--|--|-----------|-------|--------|-------|-------|-------|------|-------|-----|-------------|------------|------------|
| ANT       | 802.11n HT40 CH09 2452MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |            |             |       |             |       |        |             |            |        |           |     |            |    |            |            |    |    |    |     |  |  |           |       |        |       |       |       |      |       |     |             |            |            |
| 1         | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Fundamental |            |             |       |             |       |        |             |            |        |           |     |            |    |            |            |    |    |    |     |  |  |           |       |        |       |       |       |      |       |     |             |            |            |
| Peak      | <div><div></div><div>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div></div> <div><p>Data: 11</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C 3m 3317 SN 75957 HORIZONTAL<br/>Project : RSM 1000, 000kHz VBW 3000, 000kHz SFT Auto<br/>Model : (FR) 263001<br/>Plane : 18<br/>Polarization : Full-directivity<br/>Power setting : 02</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 2483.56</td><td>62.58</td><td>-11.42</td><td>74.00</td><td>69.17</td><td>32.98</td><td>7.25</td><td>36.82</td><td>131</td><td>175 Peak</td><td>HORIZONTAL</td></tr></table></div>           | Freq        | Level      | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos       | T/Pos      | Remark | Pol/Phase | MHz | dBm/100kHz | dB | dBm/100kHz | dBm/100kHz | dB | dB | cm | deg |  |  | 1 2483.56 | 62.58 | -11.42 | 74.00 | 69.17 | 32.98 | 7.25 | 36.82 | 131 | 175 Peak    | HORIZONTAL | Left blank |
| Freq      | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Over        | Limit      | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark      | Pol/Phase  |        |           |     |            |    |            |            |    |    |    |     |  |  |           |       |        |       |       |       |      |       |     |             |            |            |
| MHz       | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB          | dBm/100kHz | dBm/100kHz  | dB    | dB          | cm    | deg    |             |            |        |           |     |            |    |            |            |    |    |    |     |  |  |           |       |        |       |       |       |      |       |     |             |            |            |
| 1 2483.56 | 62.58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -11.42      | 74.00      | 69.17       | 32.98 | 7.25        | 36.82 | 131    | 175 Peak    | HORIZONTAL |        |           |     |            |    |            |            |    |    |    |     |  |  |           |       |        |       |       |       |      |       |     |             |            |            |
| Avg.      | <div><div></div><div>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div></div> <div><p>Data: 12</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 HORIZONTAL<br/>Project : RSM 1000, 000kHz VBW 3.0100kHz SFT Auto<br/>Model : (FR) 263001<br/>Plane : 18<br/>Polarization : Full-directivity<br/>Power setting : 02</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 2483.50</td><td>52.40</td><td>-11.60</td><td>54.00</td><td>48.99</td><td>32.98</td><td>7.25</td><td>36.82</td><td>131</td><td>175 Average</td><td>HORIZONTAL</td></tr></table></div> | Freq        | Level      | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos       | T/Pos      | Remark | Pol/Phase | MHz | dBm/100kHz | dB | dBm/100kHz | dBm/100kHz | dB | dB | cm | deg |  |  | 1 2483.50 | 52.40 | -11.60 | 54.00 | 48.99 | 32.98 | 7.25 | 36.82 | 131 | 175 Average | HORIZONTAL | Left blank |
| Freq      | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Over        | Limit      | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark      | Pol/Phase  |        |           |     |            |    |            |            |    |    |    |     |  |  |           |       |        |       |       |       |      |       |     |             |            |            |
| MHz       | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dB          | dBm/100kHz | dBm/100kHz  | dB    | dB          | cm    | deg    |             |            |        |           |     |            |    |            |            |    |    |    |     |  |  |           |       |        |       |       |       |      |       |     |             |            |            |
| 1 2483.50 | 52.40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -11.60      | 54.00      | 48.99       | 32.98 | 7.25        | 36.82 | 131    | 175 Average | HORIZONTAL |        |           |     |            |    |            |            |    |    |    |     |  |  |           |       |        |       |       |       |      |       |     |             |            |            |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |               |              |              |              |        |          |          |                      |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|--------------|--------------|--------------|--------|----------|----------|----------------------|-----|-------|-------|------|--------------|-------------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------|------------|-------------|--------------|-------|-------|--------|----------|-----|-------|-------|------|--------------|-------------|----|----|----|-----|--|---|---------|--------|-------|-------|--------|-------|------|-------|-----|----------------------|
| ANT  | 802.11n HT40 CH09 2452MHz - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |               |              |              |              |        |          |          |                      |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| 1    | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fundamental   |               |              |              |              |        |          |          |                      |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| Peak | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030405-K5<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RBW 1000.000kHz VBW 3000.000kHz SMT Auto<br/>Mode : (FR)263001<br/>Plane : 18<br/>Polarization : Full-directivity<br/>Power setting : 47</p><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>dB</th><th>on</th><th>deg</th><th></th></tr><tr><td>1</td><td>2384.49</td><td>50.63</td><td>-23.37</td><td>74.00</td><td>47.54</td><td>32.86</td><td>7.10</td><td>36.87</td><td>337</td><td>207 Peak VERTICAL</td></tr></table></div></div>          | MEI           | Power setting | Over Limit   | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark   | Pol/Phas             | MHz | Level | Limit | Line | Level Factor | Loss Factor | dB | dB | on | deg |  | 1 | 2384.49 | 50.63 | -23.37 | 74.00 | 47.54 | 32.86 | 7.10 | 36.87 | 337 | 207 Peak VERTICAL    | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030405-K5<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RBW 1000.000kHz VBW 3000.000kHz SMT Auto<br/>Mode : (FR)263001<br/>Plane : 18<br/>Polarization : Full-directivity<br/>Power setting : 47</p><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>dB</th><th>on</th><th>deg</th><th></th></tr><tr><td>1</td><td>2444.00</td><td>106.27</td><td>32.27</td><td>74.00</td><td>102.98</td><td>32.94</td><td>7.19</td><td>36.84</td><td>337</td><td>207 Peak VERTICAL</td></tr></table></div></div>        | MEI | Power setting | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | Level | Limit | Line | Level Factor | Loss Factor | dB | dB | on | deg |  | 1 | 2444.00 | 106.27 | 32.27 | 74.00 | 102.98 | 32.94 | 7.19 | 36.84 | 337 | 207 Peak VERTICAL    |
|      | MEI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Power setting | Over Limit    | ReadAntenna  | Cable Preamp | A/Pos        | T/Pos  | Remark   | Pol/Phas |                      |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| MHz  | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limit         | Line          | Level Factor | Loss Factor  | dB           | dB     | on       | deg      |                      |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| 1    | 2384.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 50.63         | -23.37        | 74.00        | 47.54        | 32.86        | 7.10   | 36.87    | 337      | 207 Peak VERTICAL    |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| MEI  | Power setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Over Limit    | ReadAntenna   | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |                      |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| MHz  | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limit         | Line          | Level Factor | Loss Factor  | dB           | dB     | on       | deg      |                      |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| 1    | 2444.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 106.27        | 32.27         | 74.00        | 102.98       | 32.94        | 7.19   | 36.84    | 337      | 207 Peak VERTICAL    |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| Avg. | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030405-K5<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 VERTICAL<br/>Project : RBW 1000.000kHz VBW 3.0100kHz SMT Auto<br/>Mode : (FR)263001<br/>Plane : 18<br/>Polarization : Full-directivity<br/>Power setting : 47</p><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>dB</th><th>on</th><th>deg</th><th></th></tr><tr><td>1</td><td>2389.56</td><td>40.05</td><td>-13.95</td><td>54.00</td><td>36.93</td><td>32.88</td><td>7.10</td><td>36.86</td><td>337</td><td>207 Average VERTICAL</td></tr></table></div></div> | MEI           | Power setting | Over Limit   | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos    | Remark   | Pol/Phas             | MHz | Level | Limit | Line | Level Factor | Loss Factor | dB | dB | on | deg |  | 1 | 2389.56 | 40.05 | -13.95 | 54.00 | 36.93 | 32.88 | 7.10 | 36.86 | 337 | 207 Average VERTICAL | <div><div></div><div><p>No. 1098, Pengji North Road, Kunshan Economic &amp; Technical Development Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030405-K5<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 VERTICAL<br/>Project : RBW 1000.000kHz VBW 3.0100kHz SMT Auto<br/>Mode : (FR)263001<br/>Plane : 18<br/>Polarization : Full-directivity<br/>Power setting : 47</p><table><tr><th>MEI</th><th>Power setting</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>dB</th><th>on</th><th>deg</th><th></th></tr><tr><td>1</td><td>2444.00</td><td>98.11</td><td>44.11</td><td>54.00</td><td>94.82</td><td>32.94</td><td>7.19</td><td>36.84</td><td>337</td><td>207 Average VERTICAL</td></tr></table></div></div> | MEI | Power setting | Over Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | Level | Limit | Line | Level Factor | Loss Factor | dB | dB | on | deg |  | 1 | 2444.00 | 98.11  | 44.11 | 54.00 | 94.82  | 32.94 | 7.19 | 36.84 | 337 | 207 Average VERTICAL |
| MEI  | Power setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Over Limit    | ReadAntenna   | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |                      |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| MHz  | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limit         | Line          | Level Factor | Loss Factor  | dB           | dB     | on       | deg      |                      |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| 1    | 2389.56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 40.05         | -13.95        | 54.00        | 36.93        | 32.88        | 7.10   | 36.86    | 337      | 207 Average VERTICAL |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| MEI  | Power setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Over Limit    | ReadAntenna   | Cable Preamp | A/Pos        | T/Pos        | Remark | Pol/Phas |          |                      |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| MHz  | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limit         | Line          | Level Factor | Loss Factor  | dB           | dB     | on       | deg      |                      |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |
| 1    | 2444.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 98.11         | 44.11         | 54.00        | 94.82        | 32.94        | 7.19   | 36.84    | 337      | 207 Average VERTICAL |     |       |       |      |              |             |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |               |            |             |              |       |       |        |          |     |       |       |      |              |             |    |    |    |     |  |   |         |        |       |       |        |       |      |       |     |                      |

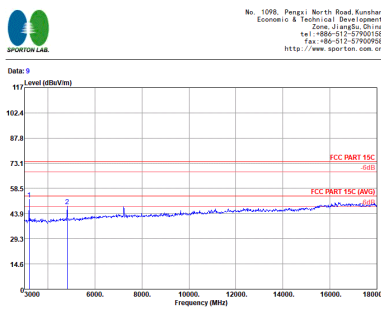
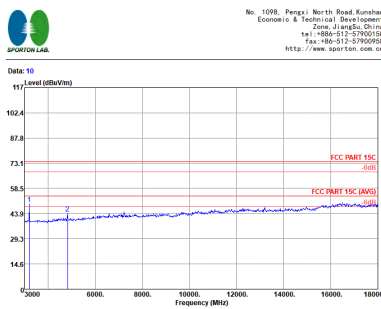


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |            |             |       |             |       |        |        |             |          |           |     |            |    |            |            |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|-------------|-------|-------------|-------|--------|--------|-------------|----------|-----------|-----|------------|----|------------|------------|----|----|----|-----|--|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|-------------|----------|------------|
| ANT  | 802.11n HT40 CH09 2452MHz - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |            |             |       |             |       |        |        |             |          |           |     |            |    |            |            |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |            |
| 1    | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Fundamental |            |             |       |             |       |        |        |             |          |           |     |            |    |            |            |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |            |
| Peak | <div><div></div><div>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div></div> <div><div>Date: 17</div></div> <div><div>Site : 030905-K3<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000, 000kHz VBW 3000, 000kHz SFT:Auto<br/>Model : (FR)263001<br/>Plane : 18<br/>Polarization : Full-directivity<br/>Power setting : 02</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2483.74</td><td>58.32</td><td>-15.68</td><td>74.00</td><td>54.91</td><td>32.98</td><td>7.25</td><td>36.82</td><td>337</td><td>207 Peak</td><td>VERTICAL</td></tr></table></div>          | Freq        | Level      | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos  | T/Pos       | Remark   | Pol/Phase | MHz | dBm/100kHz | dB | dBm/100kHz | dBm/100kHz | dB | dB | cm | deg |  |  | 1 | 2483.74 | 58.32 | -15.68 | 74.00 | 54.91 | 32.98 | 7.25 | 36.82 | 337 | 207 Peak    | VERTICAL | Left blank |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Over        | Limit      | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phase   |          |           |     |            |    |            |            |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |            |
| MHz  | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB          | dBm/100kHz | dBm/100kHz  | dB    | dB          | cm    | deg    |        |             |          |           |     |            |    |            |            |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |            |
| 1    | 2483.74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 58.32       | -15.68     | 74.00       | 54.91 | 32.98       | 7.25  | 36.82  | 337    | 207 Peak    | VERTICAL |           |     |            |    |            |            |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |            |
| Avg. | <div><div></div><div>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu, China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</div></div> <div><div>Date: 18</div></div> <div><div>Site : 030905-K3<br/>Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000, 000kHz VBW 3.0100kHz SFT:Auto<br/>Model : (FR)263001<br/>Plane : 18<br/>Polarization : Full-directivity<br/>Power setting : 02</div><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2483.50</td><td>47.86</td><td>-6.14</td><td>54.00</td><td>44.45</td><td>32.98</td><td>7.25</td><td>36.82</td><td>337</td><td>207 Average</td><td>VERTICAL</td></tr></table></div> | Freq        | Level      | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos  | T/Pos       | Remark   | Pol/Phase | MHz | dBm/100kHz | dB | dBm/100kHz | dBm/100kHz | dB | dB | cm | deg |  |  | 1 | 2483.50 | 47.86 | -6.14  | 54.00 | 44.45 | 32.98 | 7.25 | 36.82 | 337 | 207 Average | VERTICAL | Left blank |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Over        | Limit      | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phase   |          |           |     |            |    |            |            |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |            |
| MHz  | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB          | dBm/100kHz | dBm/100kHz  | dB    | dB          | cm    | deg    |        |             |          |           |     |            |    |            |            |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |            |
| 1    | 2483.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 47.86       | -6.14      | 54.00       | 44.45 | 32.98       | 7.25  | 36.82  | 337    | 207 Average | VERTICAL |           |     |            |    |            |            |    |    |    |     |  |  |   |         |       |        |       |       |       |      |       |     |             |          |            |

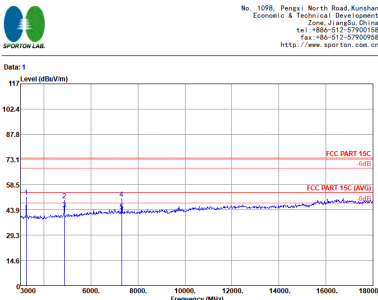
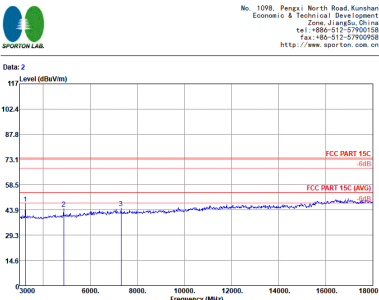
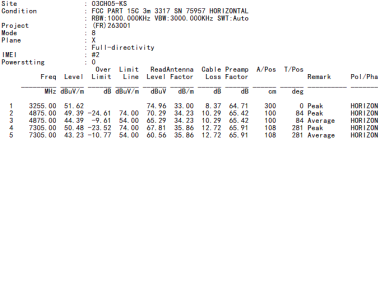
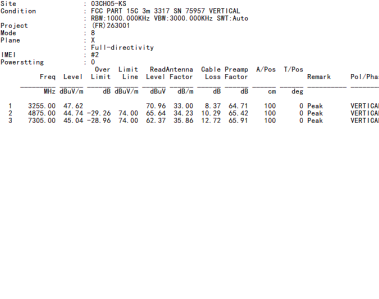


## 2.4GHz 2400~2483.5MHz

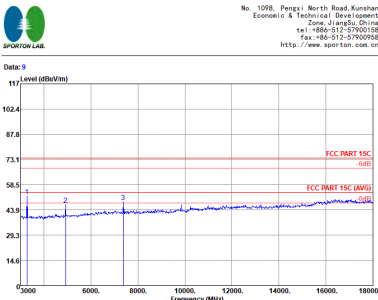
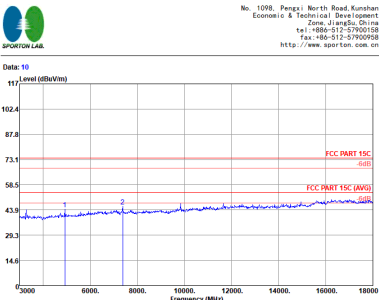
## WIFI 802.11b (Harmonic @ 3m)

| WIFI         | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |             |              |             |              |        |          |            |          |            |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |        |            |      |       |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|--------------|-------------|--------------|--------|----------|------------|----------|------------|------------|----|------------|----|----|----|----|-----|---|---------|-------|-------|-------|------|-------|-----|--------|------------|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|--------|------------|------|-------|------------|-------------|--------------|-------|-------|--------|----------|-----|------------|----|------------|----|----|----|----|-----|---|---------|-------|-------|-------|------|-------|-----|--------|----------|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|--------|----------|
| ANT          | 802.11b CH01 2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |             |              |             |              |        |          |            |          |            |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |        |            |      |       |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 1            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Vertical   |             |              |             |              |        |          |            |          |            |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |        |            |      |       |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| Peak<br>Avg. | <div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C 3m 3317 SN 75957 HORIZONTAL<br/>Project : RSM 1000 000KHz VSW 3000 000KHz SRT Auto<br/>Mode : 7<br/>Plane : 2<br/>Full-directivity : 2<br/>Power setting : 0</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>3210.00</td><td>52.17</td><td>75.58</td><td>33.02</td><td>8.30</td><td>64.73</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>4830.00</td><td>48.22</td><td>-25.78</td><td>74.00</td><td>69.15</td><td>34.20</td><td>10.25</td><td>60.38</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table></div></div> <div><div><p>No. 1098, Pengzi North Road, Kunshan<br/>Economic &amp; Technical Development<br/>Zone, Jiangsu China<br/>tel: +86-512-57900158<br/>fax: +86-512-57900958<br/>http://www.sporton.com.cn</p><p>Site : 030905-K3<br/>Condition : FCC PART 15C 3m 3317 SN 75957 VERTICAL<br/>Project : RSM 1000 000KHz VSW 3000 000KHz SRT Auto<br/>Mode : 7<br/>Plane : 2<br/>Full-directivity : 2<br/>Power setting : 0</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>3210.00</td><td>49.52</td><td>72.93</td><td>33.02</td><td>8.30</td><td>64.73</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>4830.00</td><td>43.88</td><td>-30.12</td><td>74.00</td><td>64.81</td><td>34.20</td><td>10.25</td><td>60.38</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr></table></div></div> | Freq       | Level       | Over Limit   | ReadAntenna | Cable Preamp | A/Pow  | T/Pow    | Remark     | Pol/Phas | MHz        | dBm/100kHz | dB | dBm/100kHz | dB | dB | dB | dB | deg | 1 | 3210.00 | 52.17 | 75.58 | 33.02 | 8.30 | 64.73 | 300 | 0 Peak | HORIZONTAL | 2 | 4830.00 | 48.22 | -25.78 | 74.00 | 69.15 | 34.20 | 10.25 | 60.38 | 300 | 0 Peak | HORIZONTAL | Freq | Level | Over Limit | ReadAntenna | Cable Preamp | A/Pow | T/Pow | Remark | Pol/Phas | MHz | dBm/100kHz | dB | dBm/100kHz | dB | dB | dB | dB | deg | 1 | 3210.00 | 49.52 | 72.93 | 33.02 | 8.30 | 64.73 | 100 | 0 Peak | VERTICAL | 2 | 4830.00 | 43.88 | -30.12 | 74.00 | 64.81 | 34.20 | 10.25 | 60.38 | 100 | 0 Peak | VERTICAL |
| Freq         | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over Limit | ReadAntenna | Cable Preamp | A/Pow       | T/Pow        | Remark | Pol/Phas |            |          |            |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |        |            |      |       |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| MHz          | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dB         | dBm/100kHz  | dB           | dB          | dB           | dB     | deg      |            |          |            |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |        |            |      |       |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 1            | 3210.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 52.17      | 75.58       | 33.02        | 8.30        | 64.73        | 300    | 0 Peak   | HORIZONTAL |          |            |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |        |            |      |       |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 2            | 4830.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 48.22      | -25.78      | 74.00        | 69.15       | 34.20        | 10.25  | 60.38    | 300        | 0 Peak   | HORIZONTAL |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |        |            |      |       |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| Freq         | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over Limit | ReadAntenna | Cable Preamp | A/Pow       | T/Pow        | Remark | Pol/Phas |            |          |            |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |        |            |      |       |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| MHz          | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dB         | dBm/100kHz  | dB           | dB          | dB           | dB     | deg      |            |          |            |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |        |            |      |       |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 1            | 3210.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 49.52      | 72.93       | 33.02        | 8.30        | 64.73        | 100    | 0 Peak   | VERTICAL   |          |            |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |        |            |      |       |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 2            | 4830.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 43.88      | -30.12      | 74.00        | 64.81       | 34.20        | 10.25  | 60.38    | 100        | 0 Peak   | VERTICAL   |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |        |            |      |       |            |             |              |       |       |        |          |     |            |    |            |    |    |    |    |     |   |         |       |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |



| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |        |             |       |             |       |        |        |             |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|-------------|-------|-------------|-------|--------|--------|-------------|------------|-----------|-----|--------|----|--------|-----|----|----|----|-----|--|--|---|---------|-------|--|-------|-------|------|-------|-----|--------|------------|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|---------|------------|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|------------|------------|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|----------|------------|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|-------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|-----------|-----|--------|----|--------|-----|----|----|----|-----|--|--|---|---------|-------|--|-------|-------|------|-------|-----|--------|----------|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|--------|----------|---|---------|-------|--------|-------|-------|-------|-------|-------|-----|--------|----------|
| ANT  | 802.11b CH06 2437MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |        |             |       |             |       |        |        |             |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 1    | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Vertical |        |             |       |             |       |        |        |             |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| Peak | <div><div><p>Site : 030805-K5<br/>Condition : FCC PART 15C 3m 3317 5N 70957 HORIZONTAL<br/>Project : RBW 1000 000kHz VBW 3000 000kHz SFT:Auto<br/>PRF 25000<br/>Mode : S<br/>Plane : E<br/>Full-directivity<br/>IME1 : 0<br/>Power setting : 0</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/Hz</th><th>dB</th><th>dBm/Hz</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>3255.00</td><td>51.62</td><td></td><td>74.96</td><td>33.00</td><td>8.37</td><td>64.71</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>4875.00</td><td>49.39</td><td>-24.61</td><td>74.00</td><td>70.29</td><td>34.23</td><td>10.29</td><td>60.42</td><td>100</td><td>84 Peak</td><td>HORIZONTAL</td></tr><tr><td>3</td><td>4875.00</td><td>44.39</td><td>-29.61</td><td>54.00</td><td>65.29</td><td>34.23</td><td>10.29</td><td>60.42</td><td>100</td><td>84 Average</td><td>HORIZONTAL</td></tr><tr><td>4</td><td>7305.00</td><td>60.48</td><td>-22.52</td><td>74.00</td><td>67.81</td><td>35.86</td><td>12.72</td><td>60.91</td><td>108</td><td>281 Peak</td><td>HORIZONTAL</td></tr><tr><td>5</td><td>7305.00</td><td>43.23</td><td>-39.77</td><td>54.00</td><td>60.56</td><td>35.86</td><td>12.72</td><td>60.91</td><td>108</td><td>281 Average</td><td>HORIZONTAL</td></tr></tbody></table></div></div>  | Freq     | Level  | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phase | MHz | dBm/Hz | dB | dBm/Hz | dBm | dB | dB | cm | deg |  |  | 1 | 3255.00 | 51.62 |  | 74.96 | 33.00 | 8.37 | 64.71 | 300 | 0 Peak | HORIZONTAL | 2 | 4875.00 | 49.39 | -24.61 | 74.00 | 70.29 | 34.23 | 10.29 | 60.42 | 100 | 84 Peak | HORIZONTAL | 3 | 4875.00 | 44.39 | -29.61 | 54.00 | 65.29 | 34.23 | 10.29 | 60.42 | 100 | 84 Average | HORIZONTAL | 4 | 7305.00 | 60.48 | -22.52 | 74.00 | 67.81 | 35.86 | 12.72 | 60.91 | 108 | 281 Peak | HORIZONTAL | 5 | 7305.00 | 43.23 | -39.77 | 54.00 | 60.56 | 35.86 | 12.72 | 60.91 | 108 | 281 Average | HORIZONTAL | <div><div><p>Site : 030805-K5<br/>Condition : FCC PART 15C 3m 3317 5N 70957 VERTICAL<br/>Project : RBW 1000 000kHz VBW 3000 000kHz SFT:Auto<br/>PRF 25000<br/>Mode : S<br/>Plane : E<br/>Full-directivity<br/>IME1 : 0<br/>Power setting : 0</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/Hz</th><th>dB</th><th>dBm/Hz</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>3255.00</td><td>47.42</td><td></td><td>70.96</td><td>33.00</td><td>8.37</td><td>64.71</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>4875.00</td><td>44.74</td><td>-29.26</td><td>74.00</td><td>65.64</td><td>34.23</td><td>10.29</td><td>60.42</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>3</td><td>7305.00</td><td>45.94</td><td>-28.06</td><td>74.00</td><td>62.37</td><td>35.86</td><td>12.72</td><td>60.91</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr></tbody></table></div></div>  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phase | MHz | dBm/Hz | dB | dBm/Hz | dBm | dB | dB | cm | deg |  |  | 1 | 3255.00 | 47.42 |  | 70.96 | 33.00 | 8.37 | 64.71 | 100 | 0 Peak | VERTICAL | 2 | 4875.00 | 44.74 | -29.26 | 74.00 | 65.64 | 34.23 | 10.29 | 60.42 | 100 | 0 Peak | VERTICAL | 3 | 7305.00 | 45.94 | -28.06 | 74.00 | 62.37 | 35.86 | 12.72 | 60.91 | 100 | 0 Peak | VERTICAL |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over     | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phase   |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| MHz  | dBm/Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB       | dBm/Hz | dBm         | dB    | dB          | cm    | deg    |        |             |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 1    | 3255.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 51.62    |        | 74.96       | 33.00 | 8.37        | 64.71 | 300    | 0 Peak | HORIZONTAL  |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 2    | 4875.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 49.39    | -24.61 | 74.00       | 70.29 | 34.23       | 10.29 | 60.42  | 100    | 84 Peak     | HORIZONTAL |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 3    | 4875.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 44.39    | -29.61 | 54.00       | 65.29 | 34.23       | 10.29 | 60.42  | 100    | 84 Average  | HORIZONTAL |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 4    | 7305.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 60.48    | -22.52 | 74.00       | 67.81 | 35.86       | 12.72 | 60.91  | 108    | 281 Peak    | HORIZONTAL |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 5    | 7305.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 43.23    | -39.77 | 54.00       | 60.56 | 35.86       | 12.72 | 60.91  | 108    | 281 Average | HORIZONTAL |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over     | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phase   |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| MHz  | dBm/Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB       | dBm/Hz | dBm         | dB    | dB          | cm    | deg    |        |             |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 1    | 3255.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 47.42    |        | 70.96       | 33.00 | 8.37        | 64.71 | 100    | 0 Peak | VERTICAL    |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 2    | 4875.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 44.74    | -29.26 | 74.00       | 65.64 | 34.23       | 10.29 | 60.42  | 100    | 0 Peak      | VERTICAL   |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 3    | 7305.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 45.94    | -28.06 | 74.00       | 62.37 | 35.86       | 12.72 | 60.91  | 100    | 0 Peak      | VERTICAL   |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| Avg. | <div><div><p>Site : 030805-K5<br/>Condition : FCC PART 15C 3m 3317 5N 70957 HORIZONTAL<br/>Project : RBW 1000 000kHz VBW 3000 000kHz SFT:Auto<br/>PRF 25000<br/>Mode : S<br/>Plane : E<br/>Full-directivity<br/>IME1 : 0<br/>Power setting : 0</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/Hz</th><th>dB</th><th>dBm/Hz</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>3255.00</td><td>51.62</td><td></td><td>74.96</td><td>33.00</td><td>8.37</td><td>64.71</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>4875.00</td><td>49.39</td><td>-24.61</td><td>74.00</td><td>70.29</td><td>34.23</td><td>10.29</td><td>60.42</td><td>100</td><td>84 Peak</td><td>HORIZONTAL</td></tr><tr><td>3</td><td>4875.00</td><td>44.39</td><td>-29.61</td><td>54.00</td><td>65.29</td><td>34.23</td><td>10.29</td><td>60.42</td><td>100</td><td>84 Average</td><td>HORIZONTAL</td></tr><tr><td>4</td><td>7305.00</td><td>60.48</td><td>-22.52</td><td>74.00</td><td>67.81</td><td>35.86</td><td>12.72</td><td>60.91</td><td>108</td><td>281 Peak</td><td>HORIZONTAL</td></tr><tr><td>5</td><td>7305.00</td><td>43.23</td><td>-39.77</td><td>54.00</td><td>60.56</td><td>35.86</td><td>12.72</td><td>60.91</td><td>108</td><td>281 Average</td><td>HORIZONTAL</td></tr></tbody></table></div></div> | Freq     | Level  | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos  | T/Pos       | Remark     | Pol/Phase | MHz | dBm/Hz | dB | dBm/Hz | dBm | dB | dB | cm | deg |  |  | 1 | 3255.00 | 51.62 |  | 74.96 | 33.00 | 8.37 | 64.71 | 300 | 0 Peak | HORIZONTAL | 2 | 4875.00 | 49.39 | -24.61 | 74.00 | 70.29 | 34.23 | 10.29 | 60.42 | 100 | 84 Peak | HORIZONTAL | 3 | 4875.00 | 44.39 | -29.61 | 54.00 | 65.29 | 34.23 | 10.29 | 60.42 | 100 | 84 Average | HORIZONTAL | 4 | 7305.00 | 60.48 | -22.52 | 74.00 | 67.81 | 35.86 | 12.72 | 60.91 | 108 | 281 Peak | HORIZONTAL | 5 | 7305.00 | 43.23 | -39.77 | 54.00 | 60.56 | 35.86 | 12.72 | 60.91 | 108 | 281 Average | HORIZONTAL | <div><div><p>Site : 030805-K5<br/>Condition : FCC PART 15C 3m 3317 5N 70957 VERTICAL<br/>Project : RBW 1000 000kHz VBW 3000 000kHz SFT:Auto<br/>PRF 25000<br/>Mode : S<br/>Plane : E<br/>Full-directivity<br/>IME1 : 0<br/>Power setting : 0</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm/Hz</th><th>dB</th><th>dBm/Hz</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>3255.00</td><td>47.42</td><td></td><td>70.96</td><td>33.00</td><td>8.37</td><td>64.71</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>4875.00</td><td>44.74</td><td>-29.26</td><td>74.00</td><td>65.64</td><td>34.23</td><td>10.29</td><td>60.42</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>3</td><td>7305.00</td><td>45.94</td><td>-28.06</td><td>74.00</td><td>62.37</td><td>35.86</td><td>12.72</td><td>60.91</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr></tbody></table></div></div> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phase | MHz | dBm/Hz | dB | dBm/Hz | dBm | dB | dB | cm | deg |  |  | 1 | 3255.00 | 47.42 |  | 70.96 | 33.00 | 8.37 | 64.71 | 100 | 0 Peak | VERTICAL | 2 | 4875.00 | 44.74 | -29.26 | 74.00 | 65.64 | 34.23 | 10.29 | 60.42 | 100 | 0 Peak | VERTICAL | 3 | 7305.00 | 45.94 | -28.06 | 74.00 | 62.37 | 35.86 | 12.72 | 60.91 | 100 | 0 Peak | VERTICAL |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over     | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phase   |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| MHz  | dBm/Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB       | dBm/Hz | dBm         | dB    | dB          | cm    | deg    |        |             |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 1    | 3255.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 51.62    |        | 74.96       | 33.00 | 8.37        | 64.71 | 300    | 0 Peak | HORIZONTAL  |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 2    | 4875.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 49.39    | -24.61 | 74.00       | 70.29 | 34.23       | 10.29 | 60.42  | 100    | 84 Peak     | HORIZONTAL |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 3    | 4875.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 44.39    | -29.61 | 54.00       | 65.29 | 34.23       | 10.29 | 60.42  | 100    | 84 Average  | HORIZONTAL |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 4    | 7305.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 60.48    | -22.52 | 74.00       | 67.81 | 35.86       | 12.72 | 60.91  | 108    | 281 Peak    | HORIZONTAL |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 5    | 7305.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 43.23    | -39.77 | 54.00       | 60.56 | 35.86       | 12.72 | 60.91  | 108    | 281 Average | HORIZONTAL |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over     | Limit  | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark | Pol/Phase   |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| MHz  | dBm/Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB       | dBm/Hz | dBm         | dB    | dB          | cm    | deg    |        |             |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 1    | 3255.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 47.42    |        | 70.96       | 33.00 | 8.37        | 64.71 | 100    | 0 Peak | VERTICAL    |            |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 2    | 4875.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 44.74    | -29.26 | 74.00       | 65.64 | 34.23       | 10.29 | 60.42  | 100    | 0 Peak      | VERTICAL   |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |
| 3    | 7305.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 45.94    | -28.06 | 74.00       | 62.37 | 35.86       | 12.72 | 60.91  | 100    | 0 Peak      | VERTICAL   |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |            |   |         |       |        |       |       |       |       |       |     |         |            |   |         |       |        |       |       |       |       |       |     |            |            |   |         |       |        |       |       |       |       |       |     |          |            |   |         |       |        |       |       |       |       |       |     |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |      |       |             |       |        |       |       |        |           |     |        |    |        |     |    |    |    |     |  |  |   |         |       |  |       |       |      |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |   |         |       |        |       |       |       |       |       |     |        |          |



| WIFI         | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |       |             |       |             |       |        |            |           |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |       |       |      |       |     |   |      |            |  |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |      |       |      |       |             |       |        |       |       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |  |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|-------------|-------|-------------|-------|--------|------------|-----------|--------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-------|-------|-------|------|-------|-----|---|------|------------|--|-----------|-------|--------|-------|-------|-------|-------|-------|-----|---|------|-----------|-------|--------|-------|-------|-------|-------|-------|-----|---|------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-------|--------|-------|-------|-------|-------|-------|-----|---|------|-----------|-------|--------|-------|-------|-------|-------|-------|-----|---|------|--|
| ANT          | 802.11b CH11 2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |       |             |       |             |       |        |            |           |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |       |       |      |       |     |   |      |            |  |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |      |       |      |       |             |       |        |       |       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |  |
| 1            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Vertical |       |             |       |             |       |        |            |           |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |       |       |      |       |     |   |      |            |  |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |      |       |      |       |             |       |        |       |       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |  |
| Peak<br>Avg. | <div><div><p>Site : 030805-K5<br/>Condition : FCC PART 15C 3m 3317 5N 70957 HORIZONTAL<br/>Project : RBW 1000 000kHz VBW 3000 000kHz SFT Auto<br/>PRF 25000<br/>Mode : 9<br/>Plane : 1<br/>Full-directivity<br/>IMEI : 87<br/>Power setting : 0</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>deg</th><th>deg</th></tr></thead><tbody><tr><td>1 3285.00</td><td>51.70</td><td>75.03</td><td>32.99</td><td>8.39</td><td>64.71</td><td>300</td><td>0</td><td>Peak</td><td>HORIZONTAL</td><td></td></tr><tr><td>2 4920.00</td><td>46.89</td><td>-27.11</td><td>74.00</td><td>67.74</td><td>34.26</td><td>10.34</td><td>65.45</td><td>300</td><td>0</td><td>Peak</td></tr><tr><td>3 7380.00</td><td>48.45</td><td>-25.55</td><td>74.00</td><td>65.95</td><td>35.88</td><td>12.73</td><td>66.11</td><td>300</td><td>0</td><td>Peak</td></tr></tbody></table></div></div> <div><div><p>Site : 030805-K5<br/>Condition : FCC PART 15C 3m 3317 5N 70957 VERTICAL<br/>Project : RBW 1000 000kHz VBW 3000 000kHz SFT Auto<br/>PRF 25000<br/>Mode : 9<br/>Plane : 1<br/>Full-directivity<br/>IMEI : 87<br/>Power setting : 0</p><table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>dBm</th><th>deg</th><th>deg</th></tr></thead><tbody><tr><td>1 4920.00</td><td>44.42</td><td>-29.58</td><td>74.00</td><td>65.77</td><td>34.26</td><td>10.34</td><td>65.45</td><td>100</td><td>0</td><td>Peak</td></tr><tr><td>2 7380.00</td><td>45.94</td><td>-28.06</td><td>74.00</td><td>63.44</td><td>35.88</td><td>12.73</td><td>66.11</td><td>100</td><td>0</td><td>Peak</td></tr></tbody></table></div></div> | Freq     | Level | Over        | Limit | ReadAntenna | Cable | Preamp | A/Pos      | T/Pos     | Remark | Pol/Phase | MHz | dBm | dBm | dBm | dBm | dBm | dBm | dBm | dBm | deg | deg | 1 3285.00 | 51.70 | 75.03 | 32.99 | 8.39 | 64.71 | 300 | 0 | Peak | HORIZONTAL |  | 2 4920.00 | 46.89 | -27.11 | 74.00 | 67.74 | 34.26 | 10.34 | 65.45 | 300 | 0 | Peak | 3 7380.00 | 48.45 | -25.55 | 74.00 | 65.95 | 35.88 | 12.73 | 66.11 | 300 | 0 | Peak | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phase | MHz | dBm | dBm | dBm | dBm | dBm | dBm | dBm | dBm | deg | deg | 1 4920.00 | 44.42 | -29.58 | 74.00 | 65.77 | 34.26 | 10.34 | 65.45 | 100 | 0 | Peak | 2 7380.00 | 45.94 | -28.06 | 74.00 | 63.44 | 35.88 | 12.73 | 66.11 | 100 | 0 | Peak |  |
| Freq         | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Over     | Limit | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark     | Pol/Phase |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |       |       |      |       |     |   |      |            |  |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |      |       |      |       |             |       |        |       |       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |  |
| MHz          | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBm      | dBm   | dBm         | dBm   | dBm         | dBm   | dBm    | deg        | deg       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |       |       |      |       |     |   |      |            |  |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |      |       |      |       |             |       |        |       |       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |  |
| 1 3285.00    | 51.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 75.03    | 32.99 | 8.39        | 64.71 | 300         | 0     | Peak   | HORIZONTAL |           |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |       |       |      |       |     |   |      |            |  |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |      |       |      |       |             |       |        |       |       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |  |
| 2 4920.00    | 46.89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -27.11   | 74.00 | 67.74       | 34.26 | 10.34       | 65.45 | 300    | 0          | Peak      |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |       |       |      |       |     |   |      |            |  |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |      |       |      |       |             |       |        |       |       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |  |
| 3 7380.00    | 48.45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -25.55   | 74.00 | 65.95       | 35.88 | 12.73       | 66.11 | 300    | 0          | Peak      |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |       |       |      |       |     |   |      |            |  |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |      |       |      |       |             |       |        |       |       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |  |
| Freq         | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Over     | Limit | ReadAntenna | Cable | Preamp      | A/Pos | T/Pos  | Remark     | Pol/Phase |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |       |       |      |       |     |   |      |            |  |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |      |       |      |       |             |       |        |       |       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |  |
| MHz          | dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBm      | dBm   | dBm         | dBm   | dBm         | dBm   | dBm    | deg        | deg       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |       |       |      |       |     |   |      |            |  |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |      |       |      |       |             |       |        |       |       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |  |
| 1 4920.00    | 44.42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -29.58   | 74.00 | 65.77       | 34.26 | 10.34       | 65.45 | 100    | 0          | Peak      |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |       |       |      |       |     |   |      |            |  |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |      |       |      |       |             |       |        |       |       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |  |
| 2 7380.00    | 45.94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -28.06   | 74.00 | 63.44       | 35.88 | 12.73       | 66.11 | 100    | 0          | Peak      |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |       |       |      |       |     |   |      |            |  |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |      |       |      |       |             |       |        |       |       |        |           |     |     |     |     |     |     |     |     |     |     |     |           |       |        |       |       |       |       |       |     |   |      |           |       |        |       |       |       |       |       |     |   |      |  |



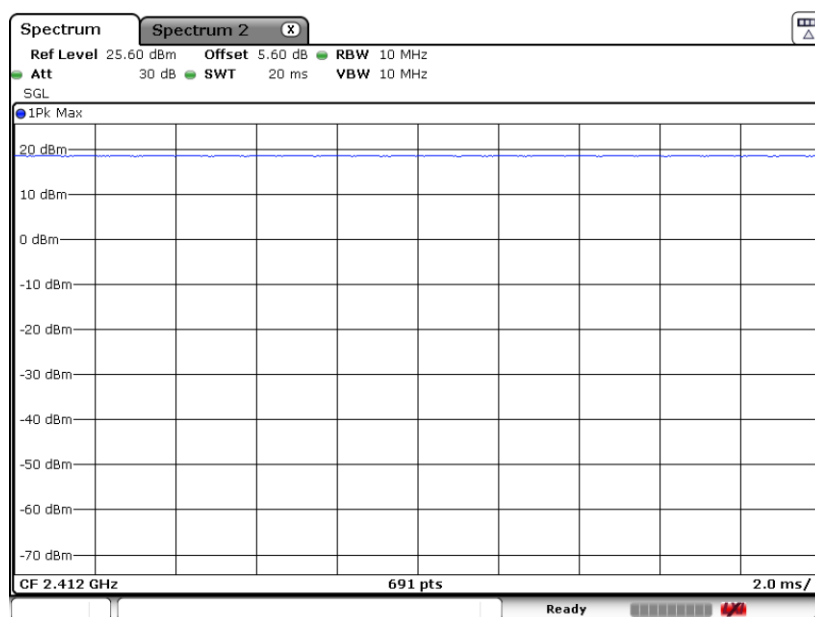
Emission below 1GHz  
2.4GHz WIFI 802.11g (LF)

| WIFI         | 2.4GHz 2400~2483.5MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |             |               |             |               |        |          |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|---------------|-------------|---------------|--------|----------|--------|----------|-----|------------|----|------------|----|----|----|----|-----|-------|-------|--------|-------|-------|-------|------|-------|-----|--------|-------|--------|-------|-------|-------|------|-------|----------|---------|-------|--------|-------|-------|-------|------|-------|----------|---------|-------|--------|-------|-------|-------|------|-------|----------|---------|-------|--------|-------|-------|-------|------|-------|----------|--------|-------|--------|-------|-------|-------|------|-------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------|-------------|---------------|--------|--------|--------|----------|-----|------------|----|------------|----|----|----|----|-----|-------|-------|--------|-------|-------|-------|------|-------|-----|-------|-------|--------|-------|-------|-------|------|-------|----------|--------|-------|--------|-------|-------|-------|------|-------|----------|--------|-------|--------|-------|-------|-------|------|-------|----------|---------|-------|--------|-------|-------|-------|------|-------|----------|--------|-------|--------|-------|-------|-------|------|-------|----------|
| ANT          | 802.11g LF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |             |               |             |               |        |          |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 1            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Vertical   |             |               |             |               |        |          |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| QP /<br>Peak | <div><p>Site : 030905-K3<br/>Condition : FCC PART 15C 3m CBLA1110 SMC3188 HORIZONTAL<br/>Project : RSW 100.000KHz VSW 300.000KHz SRT Auto<br/>mode : FPO263001<br/>Plane : X<br/>Full-directivity</p><p>IMEI : #2</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>30.00</td><td>26.06</td><td>-13.94</td><td>40.00</td><td>32.55</td><td>25.50</td><td>0.71</td><td>32.70</td><td>---</td></tr><tr><td>159.98</td><td>19.86</td><td>-23.64</td><td>43.50</td><td>33.53</td><td>17.26</td><td>1.93</td><td>33.86</td><td>--- Peak</td></tr><tr><td>2454.49</td><td>21.91</td><td>-24.09</td><td>46.00</td><td>33.84</td><td>18.80</td><td>2.37</td><td>33.10</td><td>--- Peak</td></tr><tr><td>4320.03</td><td>30.81</td><td>-15.19</td><td>46.00</td><td>40.31</td><td>20.68</td><td>2.72</td><td>32.90</td><td>--- Peak</td></tr><tr><td>4802.08</td><td>28.54</td><td>-17.46</td><td>46.00</td><td>33.81</td><td>24.14</td><td>3.26</td><td>32.76</td><td>--- Peak</td></tr><tr><td>759.44</td><td>26.92</td><td>-19.08</td><td>46.00</td><td>28.78</td><td>26.58</td><td>4.22</td><td>32.66</td><td>--- Peak</td></tr></table></div> | Freq       | Level       | Over Limit    | ReadAntenna | Cable Presamp | A/Poss | T/Poss   | Remark | Pol/Phas | MHz | dBm/100kHz | dB | dBm/100kHz | dB | dB | dB | dB | deg | 30.00 | 26.06 | -13.94 | 40.00 | 32.55 | 25.50 | 0.71 | 32.70 | --- | 159.98 | 19.86 | -23.64 | 43.50 | 33.53 | 17.26 | 1.93 | 33.86 | --- Peak | 2454.49 | 21.91 | -24.09 | 46.00 | 33.84 | 18.80 | 2.37 | 33.10 | --- Peak | 4320.03 | 30.81 | -15.19 | 46.00 | 40.31 | 20.68 | 2.72 | 32.90 | --- Peak | 4802.08 | 28.54 | -17.46 | 46.00 | 33.81 | 24.14 | 3.26 | 32.76 | --- Peak | 759.44 | 26.92 | -19.08 | 46.00 | 28.78 | 26.58 | 4.22 | 32.66 | --- Peak | <div><p>Site : 030905-K3<br/>Condition : FCC PART 15C 3m CBLA1110 SMC3188 VERTICAL<br/>Project : RSW 100.000KHz VSW 300.000KHz SRT Auto<br/>mode : FPO263001<br/>Plane : X<br/>Full-directivity</p><p>IMEI : #2</p><table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>37.76</td><td>26.06</td><td>-13.92</td><td>40.00</td><td>36.89</td><td>21.10</td><td>0.85</td><td>32.76</td><td>---</td></tr><tr><td>71.71</td><td>22.64</td><td>-16.36</td><td>40.00</td><td>41.97</td><td>12.39</td><td>1.28</td><td>32.96</td><td>--- Peak</td></tr><tr><td>239.52</td><td>22.50</td><td>-24.00</td><td>46.00</td><td>34.00</td><td>18.74</td><td>2.36</td><td>33.10</td><td>--- Peak</td></tr><tr><td>230.03</td><td>28.51</td><td>-17.49</td><td>46.00</td><td>38.01</td><td>20.68</td><td>2.72</td><td>32.90</td><td>--- Peak</td></tr><tr><td>4802.08</td><td>24.74</td><td>-21.26</td><td>46.00</td><td>30.91</td><td>26.16</td><td>3.29</td><td>32.76</td><td>--- Peak</td></tr><tr><td>640.13</td><td>27.73</td><td>-18.27</td><td>46.00</td><td>30.71</td><td>25.82</td><td>3.86</td><td>32.66</td><td>--- Peak</td></tr></table></div> | Freq | Level | Over Limit | ReadAntenna | Cable Presamp | A/Poss | T/Poss | Remark | Pol/Phas | MHz | dBm/100kHz | dB | dBm/100kHz | dB | dB | dB | dB | deg | 37.76 | 26.06 | -13.92 | 40.00 | 36.89 | 21.10 | 0.85 | 32.76 | --- | 71.71 | 22.64 | -16.36 | 40.00 | 41.97 | 12.39 | 1.28 | 32.96 | --- Peak | 239.52 | 22.50 | -24.00 | 46.00 | 34.00 | 18.74 | 2.36 | 33.10 | --- Peak | 230.03 | 28.51 | -17.49 | 46.00 | 38.01 | 20.68 | 2.72 | 32.90 | --- Peak | 4802.08 | 24.74 | -21.26 | 46.00 | 30.91 | 26.16 | 3.29 | 32.76 | --- Peak | 640.13 | 27.73 | -18.27 | 46.00 | 30.71 | 25.82 | 3.86 | 32.66 | --- Peak |
| Freq         | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Over Limit | ReadAntenna | Cable Presamp | A/Poss      | T/Poss        | Remark | Pol/Phas |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| MHz          | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB         | dBm/100kHz  | dB            | dB          | dB            | dB     | deg      |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 30.00        | 26.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -13.94     | 40.00       | 32.55         | 25.50       | 0.71          | 32.70  | ---      |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 159.98       | 19.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -23.64     | 43.50       | 33.53         | 17.26       | 1.93          | 33.86  | --- Peak |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 2454.49      | 21.91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -24.09     | 46.00       | 33.84         | 18.80       | 2.37          | 33.10  | --- Peak |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 4320.03      | 30.81                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -15.19     | 46.00       | 40.31         | 20.68       | 2.72          | 32.90  | --- Peak |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 4802.08      | 28.54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -17.46     | 46.00       | 33.81         | 24.14       | 3.26          | 32.76  | --- Peak |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 759.44       | 26.92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -19.08     | 46.00       | 28.78         | 26.58       | 4.22          | 32.66  | --- Peak |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| Freq         | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Over Limit | ReadAntenna | Cable Presamp | A/Poss      | T/Poss        | Remark | Pol/Phas |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| MHz          | dBm/100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB         | dBm/100kHz  | dB            | dB          | dB            | dB     | deg      |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 37.76        | 26.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -13.92     | 40.00       | 36.89         | 21.10       | 0.85          | 32.76  | ---      |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 71.71        | 22.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -16.36     | 40.00       | 41.97         | 12.39       | 1.28          | 32.96  | --- Peak |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 239.52       | 22.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -24.00     | 46.00       | 34.00         | 18.74       | 2.36          | 33.10  | --- Peak |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 230.03       | 28.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -17.49     | 46.00       | 38.01         | 20.68       | 2.72          | 32.90  | --- Peak |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 4802.08      | 24.74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -21.26     | 46.00       | 30.91         | 26.16       | 3.29          | 32.76  | --- Peak |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |
| 640.13       | 27.73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -18.27     | 46.00       | 30.71         | 25.82       | 3.86          | 32.66  | --- Peak |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |       |            |             |               |        |        |        |          |     |            |    |            |    |    |    |    |     |       |       |        |       |       |       |      |       |     |       |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |         |       |        |       |       |       |      |       |          |        |       |        |       |       |       |      |       |          |

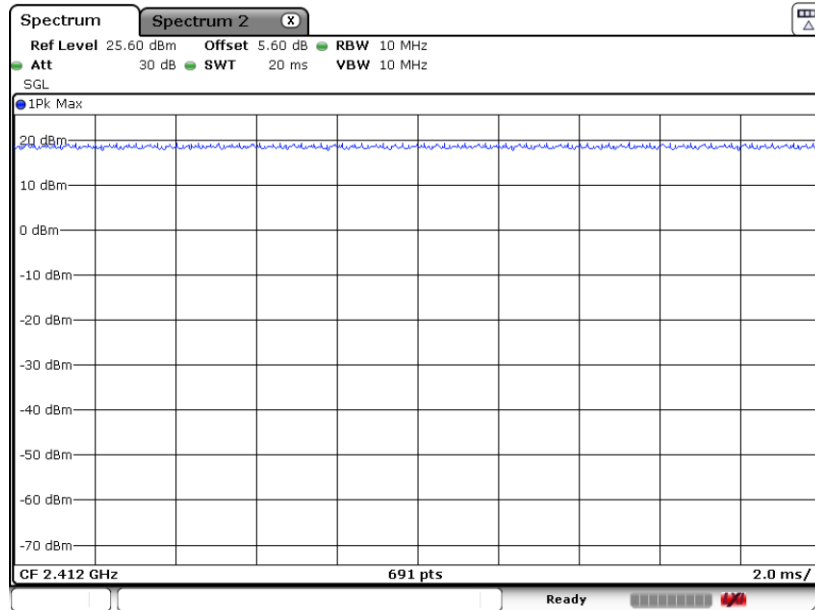
## Appendix E. Duty Cycle Plots

| Band         | Duty Cycle(%) | T(ms) | 1/T(kHz) | VBW Setting |
|--------------|---------------|-------|----------|-------------|
| 802.11b      | 100           | -     | -        | 10Hz        |
| 802.11g      | 100           | -     | -        | 10Hz        |
| 802.11n HT20 | 100           | -     | -        | 10Hz        |
| 802.11n HT40 | 100           | -     | -        | 10Hz        |

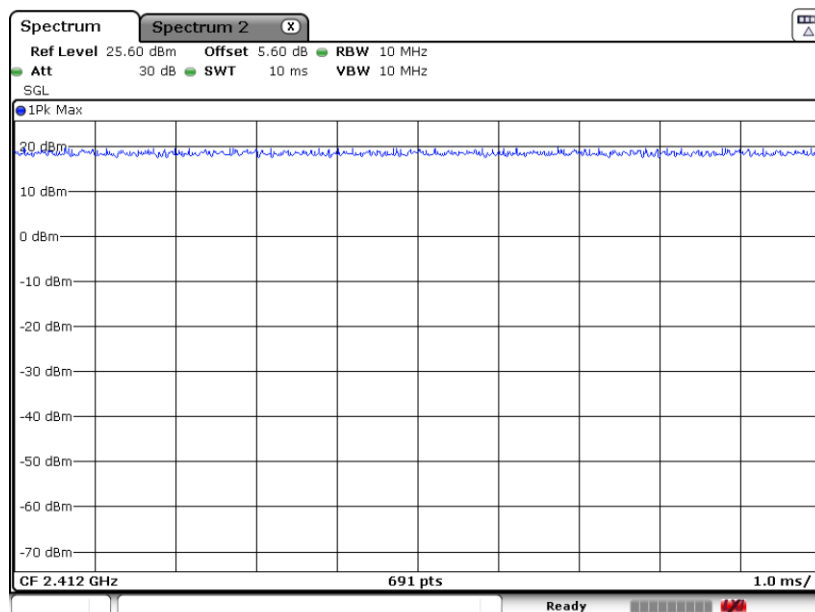
### 802.11b



### 802.11g



### 802.11n HT20



802.11n HT40

