

## APPLICATION FOR CERTIFICATION

On Behalf of

SHENZHEN JIEHE TECHNOLOGY DEVELOPMENT Co., Ltd

Mini PC

Model Number: Giada Slim -i30

FCC ID: YIKI30

Prepared for : SHENZHEN JIEHE TECHNOLOGY DEVELOPMENT Co., Ltd  
2/F, Block A, Tsinghua Information Harbor, North Section,  
Shenzhen Hi-tech Park, Nanshan District, Shenzhen, China P.R.

Prepared By : Audix Technology (Shenzhen) Co., Ltd.  
No. 6, Ke Feng Rd., 52 Block,  
Shenzhen Science & Industrial Park,  
Nantou, Shenzhen, Guangdong, China

Tel: (0755) 26639496

Report Number : ACS-F10161  
Date of Test : Jul.07~08, 2010  
Date of Report : Jul.12, 2010

## TABLE OF CONTENTS

| Description   | Page        |
|---|-------------|
| <b>1. SUMMARY OF STANDARDS AND RESULTS.....</b>                 | <b>1-1</b>  |
| 1.1. Description of Standards and Results .....                 | 1-1         |
| <b>2. GENERAL INFORMATION .....</b>                             | <b>2-1</b>  |
| 2.1. Description of Device (EUT) .....                          | 2-1         |
| 2.2. Test information .....                                     | 2-3         |
| 2.3. Tested Supporting System Details .....                     | 2-4         |
| 2.4. Block Diagram of Test Setup .....                          | 2-6         |
| 2.5. Test Facility .....  | 2-7         |
| 2.6. Measurement Uncertainty (95% confidence levels, k=2) ..... | 2-7         |
| <b>3. POWER LINE CONDUCTED EMISSION TEST .....</b>              | <b>3-1</b>  |
| 3.1. Test Equipments.....                                       | 3-1         |
| 3.2. Power Line Conducted Emission Test Limits .....            | 3-1         |
| 3.3. Configuration of EUT on Test .....                         | 3-1         |
| 3.4. Operating Condition of EUT.....                            | 3-1         |
| 3.5. Test Procedure.....  | 3-1         |
| 3.6. Power Line Conducted Emission Test Results .....           | 3-2         |
| <b>4. RADIATED EMISSION TEST .....</b>                          | <b>4-5</b>  |
| 4.1. Test Equipment .....                                       | 4-5         |
| 4.2. Radiated Emission Limit.....                               | 4-6         |
| 4.3. EUT Configuration on Test.....                             | 4-7         |
| 4.4. Operating Condition of EUT.....                            | 4-7         |
| 4.5. Test Procedure.....  | 4-7         |
| 4.6. Radiated Emission Test Results .....                       | 4-7         |
| <b>5. CONDUCTED SPURIOUS EMISSIONS.....</b>                     | <b>5-1</b>  |
| 5.1. Test Equipment .....                                       | 5-1         |
| 5.2. Limit.....   | 5-1         |
| 5.3. Test Procedure.....  | 5-1         |
| 5.4. Test result.....   | 5-2         |
| <b>6. BAND EDGE COMPLIANCE TEST .....</b>                       | <b>6-15</b> |
| 6.1. Test Equipment .....                                       | 6-15        |
| 6.2. Limit.....   | 6-15        |
| 6.3. Test Produce .....   | 6-15        |
| 6.4. Test Results .....   | 6-15        |
| <b>7. 6dB Bandwidth Test.....</b>                               | <b>7-1</b>  |
| 7.1. Test Equipment .....                                       | 7-1         |
| 7.2. Limit.....   | 7-1         |
| 7.3. Test Procedure.....  | 7-1         |
| 7.4. Test Results .....   | 7-1         |
| <b>8. OUTPUT POWER TEST.....</b>                                | <b>8-1</b>  |
| 8.1. Test Equipment .....                                       | 8-1         |
| 8.2. Limit (FCC Part 15C 15.247 b(3)).....                      | 8-1         |
| 8.3. Test Procedure.....  | 8-1         |
| 8.4. Test Results .....   | 8-2         |
| <b>9. POWER SPECTRAL DENSITY TEST .....</b>                     | <b>9-1</b>  |
| 9.1. Test Equipment .....                                       | 9-1         |
| 9.2. Limit.....   | 9-1         |

|            |  |             |
|------------|--|-------------|
| 9.3.       | Test Procedure.....  | 9-1         |
| 9.4.       | Test Results .....   | 9-2         |
| <b>10.</b> | <b>ANTENNA REQUIREMENT .....</b>                           | <b>10-1</b> |
| <b>11.</b> | <b>MPE ESTIMATION.....</b>                                 | <b>11-1</b> |
| 11.1.      | Limit for General Population/ Uncontrolled Exposures ..... | 11-1        |
| 11.2.      | Estimation Result .....                                    | 11-1        |
| <b>12.</b> | <b>DEVIATION TO TEST SPECIFICATIONS.....</b>               | <b>12-1</b> |
| <b>13.</b> | <b>PHOTOGRAPH OF TEST .....</b>                            | <b>13-1</b> |
| 13.1.      | Photos of Power Line Conducted Emission Test.....          | 13-1        |
| 13.2.      | Photos of Radiated Emission Test.....                      | 13-2        |
| <b>14.</b> | <b>PHOTOGRAPH OF EUT .....</b>                             | <b>14-1</b> |

## TEST REPORT CERTIFICATION

Applicant : SHENZHEN JIEHE TECHNOLOGY DEVELOPMENT Co., Ltd

Manufacturer : CHEER ASCENT electronics Co., Ltd

EUT Description : Mini PC

FCC ID : YIKI30

(A)MODEL NO. : Giada Slim -i30

(B)SERIAL NO. : N/A

(C)POWER SUPPLY : DC 19V From Adapter

(D)TEST VOLTAGE : DC 19V From Adapter Input AC 120V/60Hz

Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart C 2008

The device described above is tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C limits both radiated and conducted emissions.

The test results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Date of Test :

Jul.07~08, 2010

Prepared by :

Annie Wu  
Annie Wu/ Senior Assistant

Reviewer :

Jamy Yu  
Jamy Yu / Supervisor

Approved & Authorized Signer :

Ken Lu / Manager



## 1. SUMMARY OF STANDARDS AND RESULTS

### 1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

| EMISSION                           |  |         |
|------------------------------------|--|---------|
| Description of Test Item           | Standard                                 | Results |
| Power Line Conducted Emission Test | FCC Part 15: 15.207<br>ANSI C63.10: 2009 | PASS    |
| Radiated Emission Test             | FCC Part 15: 15.209<br>ANSI C63.10: 2009 | PASS    |
| Band Edge Compliance Test          | FCC Part 15: 15.247<br>ANSI C63.10: 2009 | PASS    |
| Conducted spurious emissions test  | FCC Part 15: 15.247<br>ANSI C63.10: 2009 | PASS    |
| 6dB Bandwidth Test                 | FCC Part 15: 15.247<br>ANSI C63.10: 2009 | PASS    |
| Output Power Test                  | FCC Part 15: 15.247<br>ANSI C63.10: 2009 | PASS    |
| Power Spectral Density Test        | FCC Part 15: 15.247<br>ANSI C63.10: 2009 | PASS    |
| Antenna requirement                | FCC Part 15: 15.203                      | PASS    |

## 2. GENERAL INFORMATION

### 2.1. Description of Device (EUT)

|                       |   |
|-----------------------|---|
| Product Name          | : Mini PC   |
| Model Number          | : Giada Slim -i30   |
| FCC ID                | : YIKI30  |
| Operation Frequency   | : IEEE 802.11b/g, 802.11n HT20: 2412MHz---2462MHz<br>IEEE802.11n HT40: 2422MHz---2452MHz  |
| Channel Number        | : IEEE 802.11b/g, 802.11n HT20: 11 Channels<br>IEEE 802.11n HT40: 7 Channels  |
| Modulation Technology | : IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK)<br>IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK)<br>IEEE 802.11n HT20,HT40: OFDM (64QAM, 16QAM, QPSK,BPSK)                             |
| Antenna and Gain      | : Integrated Patch antenna, peak gain 3.62dBi   |
| Applicant             | : SHENZHEN JIEHE TECHNOLOGY DEVELOPMENT Co., Ltd<br>2/F, Block A, Tsinghua Information Harbor, North Section, Shenzhen Hi-tech Park, Nanshan District, Shenzhen, China P.R. |
| Manufacturer          | : CHEER ASCENT electronics Co., Ltd<br>Block 1, Fuhai Industrial Park, Fuyong Town, Baoan District, Shenzhen, China P.R.  |
| Power Adapter         | : Manufacturer: Great Wall<br>M/N: ADP65S-1903420<br>Cable: Unshielded, Undetachable, 1.5m  |
| Date of Test          | : Jul.07~08, 2010   |
| Date of Receipt       | : Jul.07, 2010  |
| Sample Type           | : Prototype production  |

## 2.1.1. The tested PC Configuration

| Category              | Vendor and Model            |
|-----------------------|-----------------------------|
| <b>demansion</b>      | 150*147.5*21mm              |
| <b>CPU</b>            | Intel® Atom® Processor D510 |
| <b>Chipset</b>        | Intel® NM10                 |
| <b>GPU</b>            | Intel® GMA 3150             |
| <b>RAM(optional)</b>  | 2G DDR2                     |
| <b>HDD(optional)</b>  | 320G                        |
| <b>LAN</b>            | Gigabit                     |
| <b>WIFI</b>           | Wireless LAN 802.11b/g/n    |
| <b>USB Port</b>       | X2                          |
| <b>Display output</b> | 1*VGA, 1*HDMI               |
| <b>Esata</b>          | X1                          |
| <b>Card reader</b>    | 4 in 1                      |
| <b>Audio output</b>   | L/R Channel                 |

## 2.2. Test information

The test software “art.exe” was used to control EUT work in Continuous TX(100% duty cycle) mode, and select test channel, wireless mode and data rate.

| Tested mode, channel, and data rate information   |                               |             |                    |
|---|-------------------------------|-------------|--------------------|
| Mode  | data rate<br>(Mbps)(see Note) | Channel     | Frequency<br>(MHz) |
| IEEE 802.11b  | 11                            | Low :CH1    | 2412               |
|   | 11                            | Middle: CH6 | 2437               |
|   | 11                            | High: CH11  | 2462               |
| IEEE 802.11g  | 12                            | Low :CH1    | 2412               |
|   | 12                            | Middle: CH6 | 2437               |
|   | 12                            | High: CH11  | 2462               |
| IEEE 802.11n HT20   | 6.5                           | Low :CH1    | 2412               |
|   | 6.5                           | Middle: CH6 | 2437               |
|   | 6.5                           | High: CH11  | 2462               |
| IEEE 802.11n HT40   | 13.5                          | Low :CH1    | 2422               |
|   | 13.5                          | Middle: CH4 | 2437               |
|   | 13.5                          | High: CH7   | 2452               |
| Note1: According to exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test. |                               |             |                    |



## 2.3. Tested Supporting System Details

### 2.3.1. MONITOR #1

|                  |   |                              |
|------------------|---|------------------------------|
| EMC CODE         | : | ACS-EMC-LM07R                |
| M/N              | : | 3008WFPt                     |
| S/N              | : | CN-0RW915-71618-846-397L     |
| Manufacturer     | : | DELL                         |
| Data Cable (VGA) | : | Shielded, Detachable, 2.0m   |
| Power Cord       | : | Unshielded, Detachable, 1.8m |
| FCC ID           | : | By DoC                       |

### 2.3.2. MONITOR #2

|                   |   |                              |
|-------------------|---|------------------------------|
| EMC CODE          | : | ACS-EMC-LM04R                |
| M/N               | : | 1907FPt                      |
| S/N               | : | CN-009759-71618-6AP-ACPP     |
| Manufacturer      | : | DELL                         |
| Data Cable (HDMI) | : | Shielded, Detachable, 2.0m   |
| Power Cord        | : | Unshielded, Detachable, 1.8m |
| FCC ID            | : | By DoC                       |
| BSMI ID           | : | R3A002                       |

### 2.3.3. USB KEYBOARD

|              |   |                              |
|--------------|---|------------------------------|
| EMC CODE     | : | ACS-EMC-K01R                 |
| M/N          | : | SK-8115                      |
| S/N          | : | CN-ODJ313-71616-711-0J73     |
| Manufacturer | : | DELL                         |
| Data Cable   | : | Shielded, Undetachable, 2.0m |
| FCC ID       | : | By DoC                       |
| BSMI ID      | : | T3A002                       |

### 2.3.4. USB MOUSE

|              |   |                              |
|--------------|---|------------------------------|
| EMC CODE     | : | ACS-EMC-M01R                 |
| M/N          | : | M056UO                       |
| S/N          | : | 512022645                    |
| Manufacturer | : | Dell                         |
| Data Cable   | : | Shielded, Undetachable, 1.8m |
| FCC ID       | : | By DoC                       |
| BSMI ID      | : | R41108                       |

## 2.3.5. MICROPHONE

|              |   |                               |
|--------------|---|-------------------------------|
| EMC CODE     | : | ACS-EMC-MIC01                 |
| M/N          | : | SM-300                        |
| Manufacturer | : | SONCN                         |
| Data Cable   | : | Shielded, Undetachabled, 1.7m |

## 2.3.6. HEADPHONE

|              |   |                               |
|--------------|---|-------------------------------|
| EMC CODE     | : | ACS-EMC-EP01                  |
| M/N          | : | OV880V                        |
| Manufacturer | : | OVANN                         |
| Data Cable   | : | Shielded, Undetachabled, 1.2m |

## 2.3.7. E-SATA

|              |   |                                       |
|--------------|---|---------------------------------------|
| EMC CODE     | : | ACS-EMC-HDD11(eSATA)                  |
| M/N          | : | 9NL7A6-510                            |
| S/N          | : | 9QM3Q574                              |
| Manufacturer | : | Seagate                               |
| Data Cable   | : | Unshielded, Detachabled, 1.5*2m ,0.5m |
| FCC ID       | : | By DoC                                |
| BSMI ID      | : | D33027                                |

**【HUB SYSTEM & PARTNER PC SYSTEM】****- Used for At Shielded Room and Semi-Anechoic Chamber**

## 2.3.8. HUB (10/100/1000 FAST ETHERNET SWITCH)

|                            |   |                                |
|----------------------------|---|--------------------------------|
| EMC CODE                   | : | ACS-EMC-DL01                   |
| M/N                        | : | DGS-1008D                      |
| Manufacturer               | : | D-Link                         |
| S/N                        | : | B2C6468500622                  |
| Data Cable                 | : | Shielded, Detachabled, 1.8m    |
| Adaptor<br>(RL48-07V51000) | : | Unshielded, detachabled , 1.0m |
| FCC ID                     | : | By DoC                         |

## 2.3.9. EXCHANGE

|              |   |                                |
|--------------|---|--------------------------------|
| EMC CODE     | : | EMC2.017B                      |
| M/N          | : | CD8000                         |
| S/N          | : | X4Y740Y3T388N9X                |
| Manufacturer | : | CHAN DE                        |
| Data Cable   | : | Unshielded, Undetachabled, 10m |

## 2.3.10.PC

M/N : DELL 490  
 S/N : 2Q5932X  
 Manufacturer : DELL  
 Power Cord : Unshielded, Detachable, 1.8m

## 2.3.11.17"COLOR MONITOR

M/N : E772F  
 S/N : CN-02W486-64180-3CE-00L9  
 Manufacturer : DELL  
 Power Cord : Unshielded, Detachable, 1.8m  
 VGA Cable : Shielded, Detachable, 1.8m

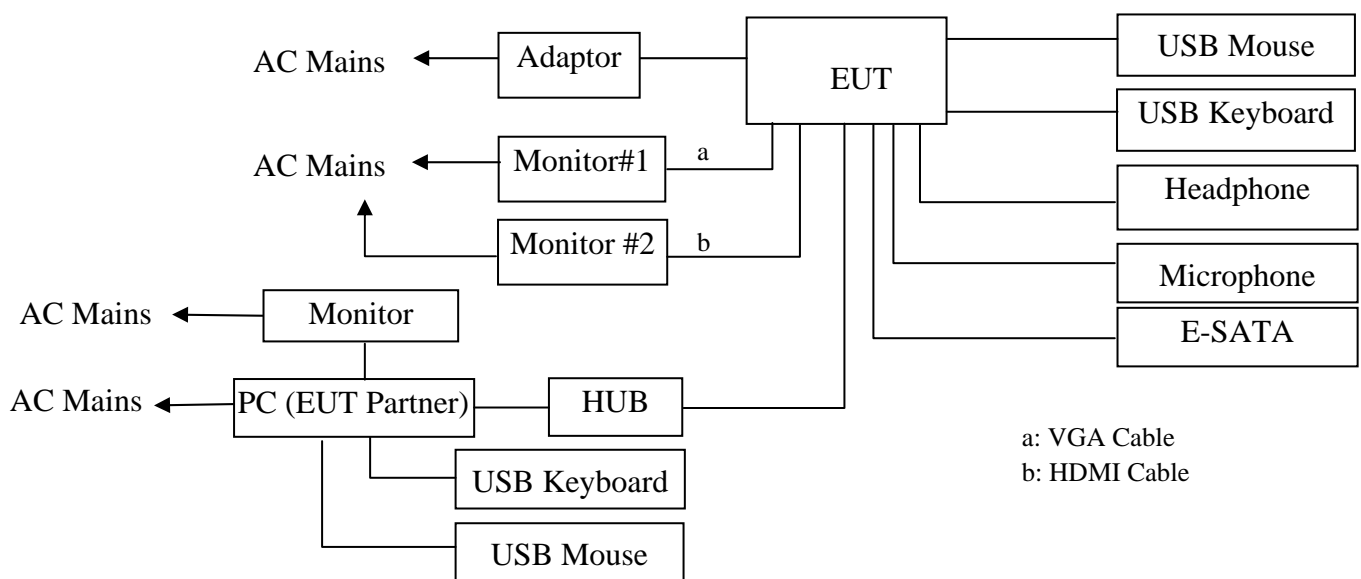
## 2.3.12.KEYBOARD

M/N : SK-8115  
 S/N : CN-ODJ313-71616-711-04WJ  
 Manufacturer : DELL  
 Data Cable : Unshielded, Undetachable, 2.0m

## 2.3.13.MOUSE

M/N : M056UO  
 S/N : 512024282  
 Manufacturer : DELL  
 Data Cable : Unshielded, Undetachable, 1.8m

## 2.4. Block Diagram of Test Setup



**(EUT: Mini PC)**

## 2.5. Test Facility

### Site Description

Name of Firm : Audix Technology (Shenzhen) Co., Ltd.  
No. 6, Ke Feng Rd., 52 Block, Shenzhen  
Science & Industrial Park, Nantou,  
Shenzhen, Guangdong, China

3m Anechoic Chamber : Mar.31, 2009 File on Federal  
Communication Commission  
Registration Number: 90454

3m & 10m Anechoic Chamber : Dec. 30, 2009 File on Federal  
Communication Commission  
Registration Number: 794232

EMC Lab. : Accredited by DATech, German  
Registration Number: DAT-P-091/99-01  
Feb. 02, 2009

Accredited by NVLAP, USA  
NVLAP Code: 200372-0  
Apr. 01, 2010

## 2.6. Measurement Uncertainty (95% confidence levels, k=2)

| Test Item  | Uncertainty                          |
|--|--------------------------------------|
| Uncertainty for Conduction emission test<br>in No. 1 Conduction  | 2.40dB                               |
| Uncertainty for Radiation Emission test<br>in 3m chamber         | 3.82 dB (Polarize: V)                |
|  | 4.32 dB (Polarize: H)                |
| Uncertainty for Radiated Spurious<br>Emission test in RF chamber | 2.70 dB(Bilog antenna 30M~1000MHz)   |
|  | 2.27 dB(Horn antenna 1000M~25000MHz) |
| Uncertainty for Conduction Spurious<br>emission test             | 2.12 dB                              |
| Uncertainty for Output power test                                | 0.97 dB                              |
| Uncertainty for Power density test                               | 2.21 dB                              |
| Uncertainty for Temperature and<br>humidity test                 | 2%                                   |
|  | 1°C                                  |
| Uncertainty for Frequency range test                             | $1 \times 10^{-9}$                   |
| Uncertainty for Bandwidth test                                   | $1 \times 10^{-9}$                   |
| Uncertainty for DC power test                                    | 0.038 %                              |
| Uncertainty for test site temperature and<br>humidity            | 0.6°C                                |
|  | 3%                                   |

### 3. POWER LINE CONDUCTED EMISSION TEST

#### 3.1. Test Equipments

| Item | Equipment      | Manufacturer    | Model No. | Serial No.    | Last Cal.  | Cal. Interval |
|------|----------------|-----------------|-----------|---------------|------------|---------------|
| 1.   | Test Receiver  | Rohde & Schwarz | ESHS10    | 838693/001    | Dec.18, 09 | 1 Year        |
| 2.   | L.I.S.N.#1     | Rohde & Schwarz | ESH2-Z5   | 834066/011    | Mar.30, 10 | 1 Year        |
| 3.   | Terminator     | Hubersuhner     | 50Ω       | No. 1         | May.08, 10 | 1 Year        |
| 4.   | RF Cable       | Fujikura        | 3D-2W     | LISN Cable 1# | May.08, 10 | 1Year         |
| 5.   | Coaxial Switch | Anritsu         | MP59B     | M55367        | May.08, 10 | 1 Year        |
| 6.   | Pulse Limiter  | Rohde & Schwarz | ESH3-Z2   | 100341        | May.08, 10 | 1 Year        |

#### 3.2. Power Line Conducted Emission Test Limits

| Frequency       | Maximum RF Line Voltage    |                         |
|-----------------|----------------------------|-------------------------|
|                 | Quasi-Peak Level<br>dB(μV) | Average Level<br>dB(μV) |
| 150kHz ~ 500kHz | 66 ~ 56*                   | 56 ~ 46*                |
| 500kHz ~ 5MHz   | 56                         | 46                      |
| 5MHz ~ 30MHz    | 60                         | 50                      |

Notes: 1. \* Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

#### 3.3. Configuration of EUT on Test

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

##### 3.3.1. Mini PC (EUT)

Model Number : Giada Slim -i30

Serial Number : N/A

3.3.2. Support Equipment : As Tested Supporting System Detail, in Section 2.3.

#### 3.4. Operating Condition of EUT

3.4.1. Setup the EUT and simulator as shown as Section 4.2.

3.4.2. Turned on the power of all equipment.

3.4.3. PC run test software “BurnInTest.exe” to exercise all functions of EUT

3.4.4. PC also run RF test software to control wireless module work in Tx mode.

#### 3.5. Test Procedure

The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power Via Adapter connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.10: 2009 on Conducted Emission Test.

The bandwidth of test receiver (R & S ESHS10) is set at 10kHz.

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

The test result are reported on Section 3.6.,

### 3.6. Power Line Conducted Emission Test Results

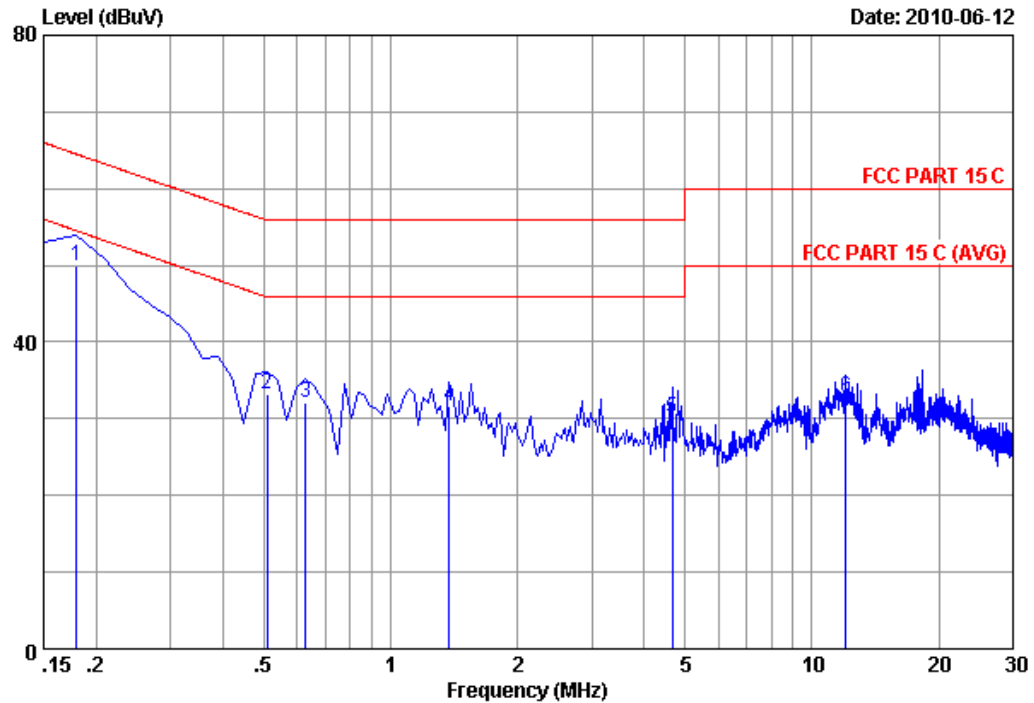
**PASS.** (All emissions not reported below are too low against the prescribed limits.)



No.6 Ke Feng Road,B1:ck 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 5 File: D:\2010 Report data\JJIEHE\ACS10Q0886R2.EM6 (21)

Date: 2010-06-12



Site no :Audix No.2 Conduction Data No :5  
Dis./Ant. :\*\* 2010 ENV4200 LISN phase:LINE  
Limit :FCC PART 15 C  
Env./Ins. :29.5°C/55% Engineer :Restar  
EUT :Mini PC M/N:Giada Slim-i30  
Power Rating :AC 120V/60Hz  
Test Mode :Running Burnin Test V5.3 + Tx  
VGA+HDMI:1366\*768@60Hz

| No | Freq<br>(MHz) | LISN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV) | Limits<br>(dBuV) | Margin<br>(dB) | Remark |
|----|---------------|------------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|--------|
| 1  | 0.17985       | 10.13                  | 9.87                  | 29.82             | 49.82                       | 64.49            | 14.67          | QP     |
| 2  | 0.50820       | 10.18                  | 9.88                  | 13.09             | 33.15                       | 56.00            | 22.85          | QP     |
| 3  | 0.62760       | 10.13                  | 9.88                  | 12.17             | 32.18                       | 56.00            | 23.82          | QP     |
| 4  | 1.374         | 10.19                  | 9.91                  | 11.57             | 31.67                       | 56.00            | 24.33          | QP     |
| 5  | 4.657         | 10.23                  | 9.99                  | 9.90              | 30.12                       | 56.00            | 25.88          | QP     |
| 6  | 12.060        | 10.39                  | 10.30                 | 12.07             | 32.76                       | 60.00            | 27.24          | QP     |

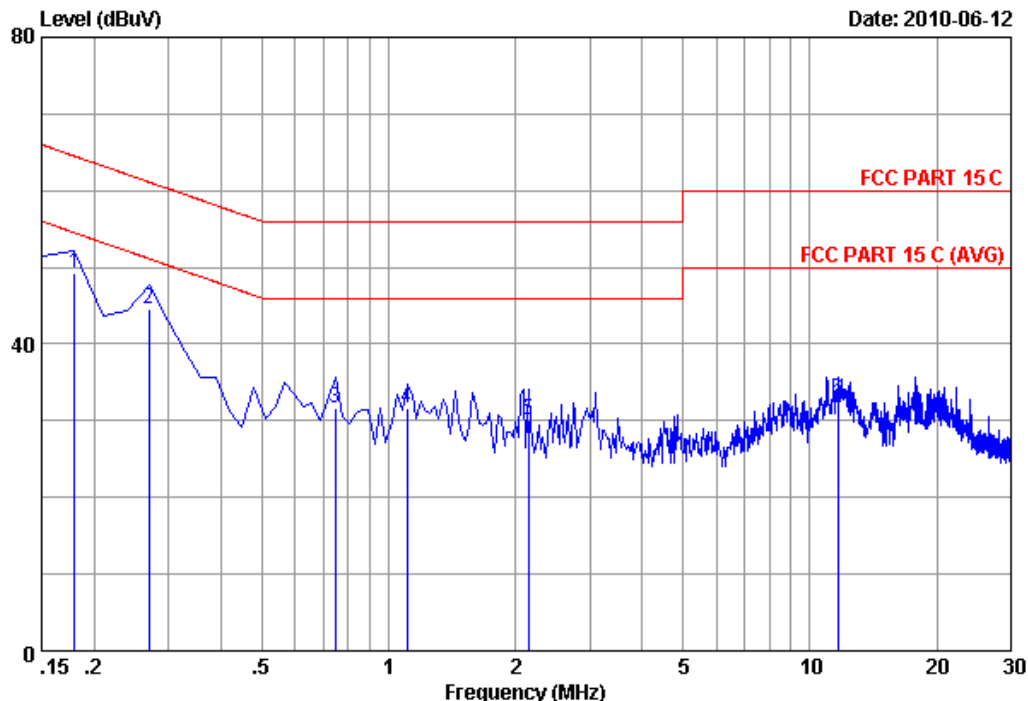
Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)+Reading.  
2.If the average limit is met when using a quasi-peak detector.  
the EUT shall be deemed to meet both limits and measurement  
with average detector is unnecessary.



No.6 Ke Feng Road,B1:ck 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 6 File: D:\2010 Report data\J\JIEHE\ACS10Q0886R2.EM6 (21)

Date: 2010-06-12



Site no :Audix No.2 Conduction Data No :6  
Dis./Ant. \*\*: 2010 ENV4200 LISN phase:NEUTRAL  
Limit :FCC PART 15 C  
Env./Ins. :29.5°C/55% Engineer :Restar  
EUT :Mini PC M/N:Giada Slim-i30  
Power Rating :AC 120V/60Hz  
Test Mode :Running Burnin Test V5.3 + Tx  
VGA+HDMI:1366\*768@60Hz

| No | Freq<br>(MHz) | LISN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV) | Limits<br>(dBuV) | Margin<br>(dB) | Remark |
|----|---------------|------------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|--------|
| 1  | 0.17985       | 10.19                  | 9.87                  | 29.18             | 49.24                       | 64.49            | 15.25          | QP     |
| 2  | 0.26940       | 10.18                  | 9.87                  | 24.62             | 44.67                       | 61.14            | 16.47          | QP     |
| 3  | 0.74700       | 10.16                  | 9.89                  | 11.57             | 31.62                       | 56.00            | 24.38          | QP     |
| 4  | 1.105         | 10.24                  | 9.90                  | 11.58             | 31.72                       | 56.00            | 24.28          | QP     |
| 5  | 2.150         | 10.30                  | 9.94                  | 9.91              | 30.15                       | 56.00            | 25.85          | QP     |
| 6  | 11.672        | 10.43                  | 10.28                 | 12.03             | 32.74                       | 60.00            | 27.26          | QP     |

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)+Reading.  
2.If the average limit is met when using a quasi-peak detector,  
the EUT shall be deemed to meet both limits and measurement  
with average detector is unnecessary.



## 4. RADIATED EMISSION TEST

### 4.1. Test Equipment

Frequency rang: 30~1000MHz

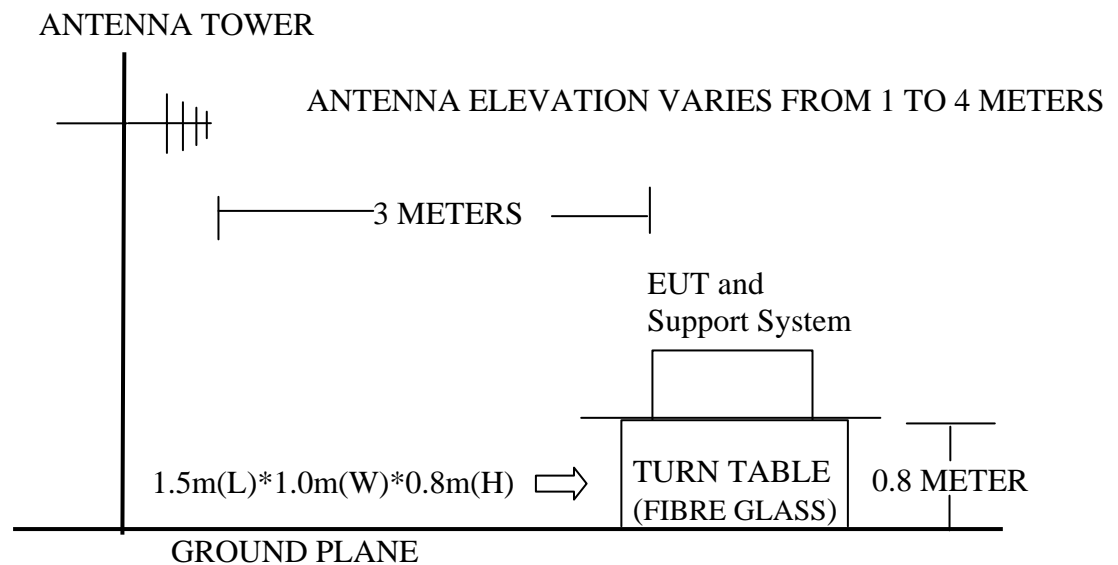
| Item | Equipment      | Manufacturer    | Model No. | Serial No.      | Last Cal.  | Cal. Interval |
|------|----------------|-----------------|-----------|-----------------|------------|---------------|
| 1    | 3#Chamber      | AUDIX           | N/A       | N/A             | Dec.05,09  | 1 Year        |
| 2    | EMI Spectrum   | Agilent         | E4407B    | MY41440292      | May.08, 10 | 1 Year        |
| 3    | Test Receiver  | Rohde & Schwarz | ESVS10    | 834468/011      | May.08, 10 | 1 Year        |
| 4    | Amplifier      | HP              | 8447D     | 2648A04738      | May.08, 10 | 1 Year        |
| 5    | Bilog Antenna  | Schaffner       | CBL6111C  | 2598            | Dec.14, 09 | 1 Year        |
| 6    | RF Cable       | MIYAZAKI        | 8D-FB     | 3# Chamber No.1 | May.08, 10 | 1 Year        |
| 7    | Coaxial Switch | Anritsu         | MP59B     | M73989          | May.08, 10 | 1 Year        |

Frequency rang: above 1000MHz

| Item | Equipment         | Manufacturer | Model No.   | Serial No. | Last Cal.  | Cal. Interval |
|------|-------------------|--------------|-------------|------------|------------|---------------|
| 1    | Spectrum Analyzer | Agilent      | E4446A      | US44300459 | May.08, 10 | 1 Year        |
| 2    | Horn Antenna      | EMCO         | 3115        | 9510-4580  | Nov.19, 09 | 1.5 Year      |
| 3    | Horn Antenna      | EMCO         | 3116        | 00060089   | Nov.25, 09 | 1.5 Year      |
| 4    | Amplifier         | Agilent      | 8449B       | 3008A00863 | May.08, 10 | 1 Year        |
| 5    | RF Cable          | Hubersuhner  | SUCOFLEX102 | 28620/2    | May.08, 10 | 1 Year        |
| 6    | RF Cable          | Hubersuhner  | SUCOFLEX102 | 28618/2    | May.08, 10 | 1 Year        |
| 7    | RF Cable          | Hubersuhner  | SUCOFLEX102 | 28610/2    | May.08, 10 | 1 Year        |

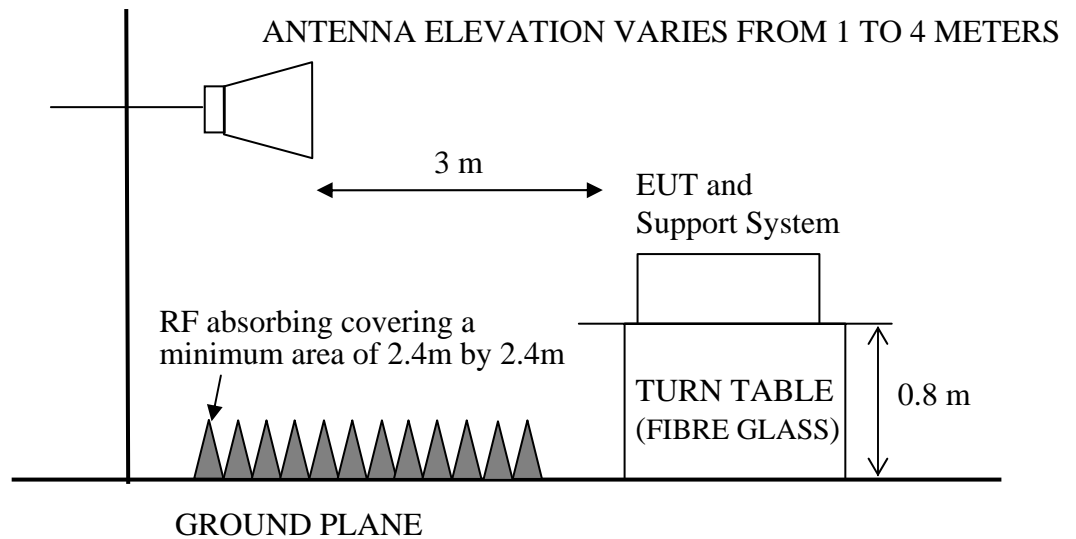
#### 4.1.1. In Anechoic Chamber

for frequency range from 30MHz to 1000 MHz.



for frequency range from 1GHz to 18GHz.

#### ANTENNA TOWER



## 4.2. Radiated Emission Limit

### 4.2.1. 15.209 limits

| FREQUENCY<br>MHz | DISTANCE<br>Meters | FIELD STRENGTHS LIMIT   |                                   |
|------------------|--------------------|---|-----------------------------------|
|                  |                    | $\mu\text{V}/\text{m}$  | $\text{dB}(\mu\text{V})/\text{m}$ |
| 30 ~ 88          | 3                  | 100   | 40.0                              |
| 88 ~ 216         | 3                  | 150   | 43.5                              |
| 216 ~ 960        | 3                  | 200   | 46.0                              |
| 960 ~ 1000       | 3                  | 500   | 54.0                              |
| Above 1000       | 3                  | 74.0 $\text{dB}(\mu\text{V})/\text{m}$ (Peak)<br>54.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average) |                                   |

- Remark :
- (1) Emission level  $\text{dB}\mu\text{V} = 20 \log$  Emission level  $\mu\text{V}/\text{m}$
  - (2) The smaller limit shall apply at the cross point between two frequency bands.
  - (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

### 4.2.2. 15.205 Restricted bands of operation

| MHz                        | MHz                   | MHz             | GHz              |
|----------------------------|-----------------------|-----------------|------------------|
| 0.090 - 0.110              | 16.42 - 16.423        | 399.9 - 410     | 4.5 - 5.15       |
| <sup>1</sup> 0.495 - 0.505 | 16.69475 - 16.69525   | 608 - 614       | 5.35 - 5.46      |
| 2.1735 - 2.1905            | 16.80425 - 16.80475   | 960 - 1240      | 7.25 - 7.75      |
| 4.125 - 4.128              | 25.5 - 25.67          | 1300 - 1427     | 8.025 - 8.5      |
| 4.17725 - 4.17775          | 37.5 - 38.25          | 1435 - 1626.5   | 9.0 - 9.2        |
| 4.20725 - 4.20775          | 73 - 74.6             | 1645.5 - 1646.5 | 9.3 - 9.5        |
| 6.215 - 6.218              | 74.8 - 75.2           | 1660 - 1710     | 10.6 - 12.7      |
| 6.26775 - 6.26825          | 108 - 121.94          | 1718.8 - 1722.2 | 13.25 - 13.4     |
| 6.31175 - 6.31225          | 123 - 138             | 2200 - 2300     | 14.47 - 14.5     |
| 8.291 - 8.294              | 149.9 - 150.05        | 2310 - 2390     | 15.35 - 16.2     |
| 8.362 - 8.366              | 156.52475 - 156.52525 | 2483.5 - 2500   | 17.7 - 21.4      |
| 8.37625 - 8.38675          | 156.7 - 156.9         | 2690 - 2900     | 22.01 - 23.12    |
| 8.41425 - 8.41475          | 162.0125 - 167.17     | 3260 - 3267     | 23.6 - 24.0      |
| 12.29 - 12.293             | 167.72 - 173.2        | 3332 - 3339     | 31.2 - 31.8      |
| 12.51975 - 12.52025        | 240 - 285             | 3345.8 - 3358   | 36.43 - 36.5     |
| 12.57675 - 12.57725        | 322 - 335.4           | 3600 - 4400     | ( <sup>2</sup> ) |

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

### 4.3. EUT Configuration on Test

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

#### 4.3.1. Mini PC (EUT)

Model Number : Giada Slim -i30

Serial Number : N/A

4.3.2. Support Equipment : As Tested Supporting System Detail, in Section 2.3.

### 4.4. Operating Condition of EUT

4.4.1. Setup the EUT and simulator as shown as Section 2.4

4.4.2. Turned on the power of all equipment.

4.4.3. PC run test software “BurnInTest.exe” to exercise all functions of EUT

### 4.5. Test Procedure

EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna are set on test.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

The frequency range from 30MHz to 10<sup>th</sup> harmonic (25GHz) are checked. and no any emissions were found from 18GHz to 25 GHz, So the radiated emissions from 18GHz to 25GHz were not record.

### 4.6. Radiated Emission Test Results

**PASS.**

All the emissions from 30MHz to 25 GHz were comply with 15.209 limits.

Frequency: 30MHz~1GHz

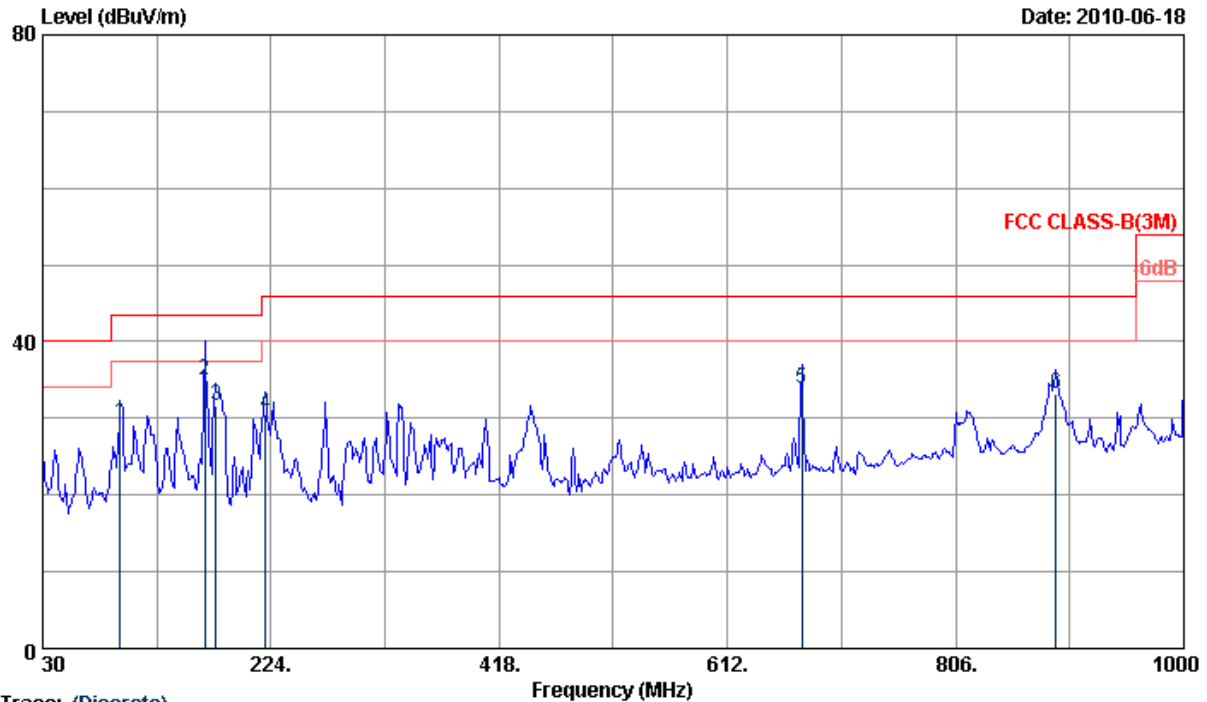


No.6 Ke Feng Road,B1:ck 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495  
Fax:+86-755-26632877  
Postcode:518057

Data: 24

File: D:\2010 Report Data\JJIEHE\ACS10Q0886R2.EM6 (48)

Date: 2010-06-18



Trace: (Discrete)

Site no. : 10m Chamber Test Site Data No. : 24  
Dis. / Ant. : 3m 10 CBL6112D 25238 3M Ant. pol. : HORIZONTAL  
Limit : FCC CLASS-B(3M)  
Env. / Ins. : 24°C/56% Engineer : Chris  
EUT : Mini PC M/N:Giada Slim-i30  
Power Rating : DC 19V Adapter Input AC 120V/60Hz  
Test Mode : Running PC All Systems  
: VGA+HDMI:1366\*768@60Hz

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>dBuV/m | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|---|----------------|--------------------------|-----------------------|-------------------|-----------------------------|--------------------|----------------|--------|
| 1 | 95.960         | 10.96                    | 1.50                  | 16.89             | 29.35                       | 43.50              | 14.15          | QP     |
| 2 | 167.740        | 10.44                    | 1.90                  | 22.73             | 35.07                       | 43.50              | 8.43           | QP     |
| 3 | 177.440        | 9.90                     | 1.94                  | 19.70             | 31.54                       | 43.50              | 11.96          | QP     |
| 4 | 219.150        | 10.55                    | 2.07                  | 17.81             | 30.43                       | 46.00              | 15.57          | QP     |
| 5 | 675.050        | 19.60                    | 3.72                  | 10.58             | 33.90                       | 46.00              | 12.10          | QP     |
| 6 | 891.360        | 21.52                    | 4.33                  | 7.43              | 33.28                       | 46.00              | 12.72          | QP     |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.

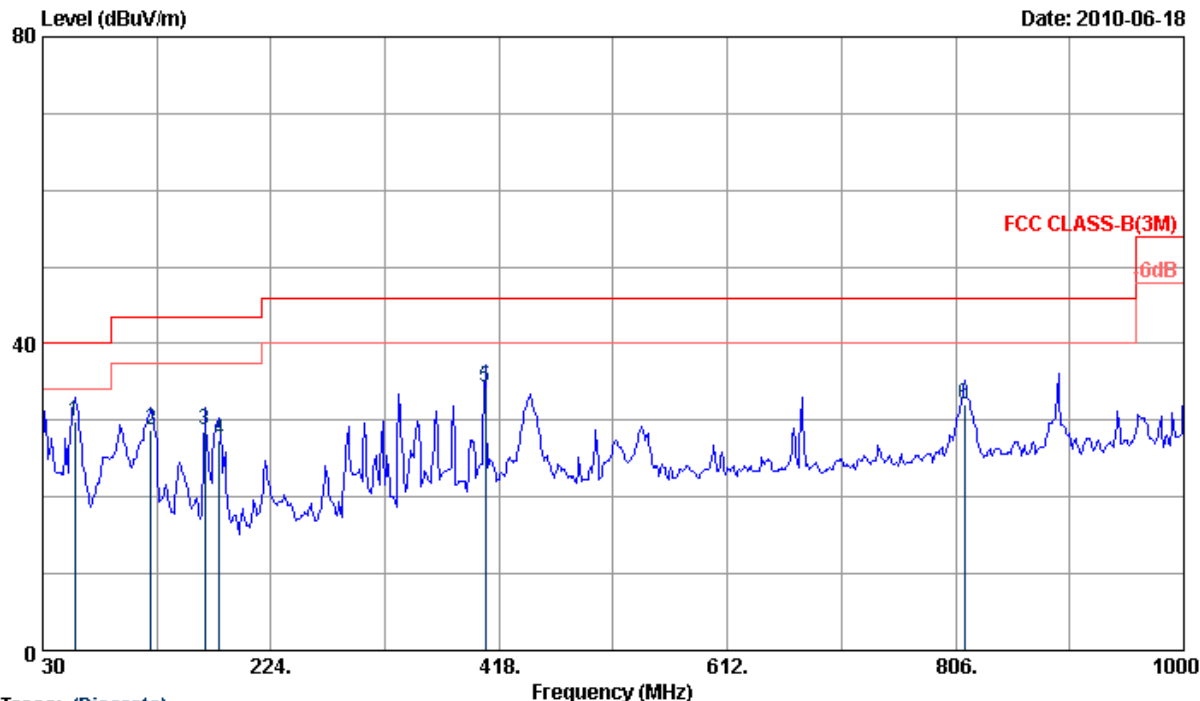


No.6 Ke Feng Road,B1;ck 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495  
Fax:+86-755-26632877  
Postcode:518057

Data: 23

File: D:\2010 Report Data\JJIEHE\ACS10Q0886R2.EM6 (48)

Date: 2010-06-18



## Trace: (Discrete)

Site no. : 10m Chamber Test Site Data No. : 23  
Dis. / Ant. : 3m 10 CBL6112D 25238 3M Ant. pol. : VERTICAL  
Limit : FCC CLASS-B(3M)  
Env. / Ins. : 24°C/56% Engineer : Chris  
EUT : Mini PC M/N:Giada Slim-i30  
Power Rating : DC 19V Adapter Input AC 120V/60Hz  
Test Mode : Running PC All Systems  
: VGA+HDMI:1366\*768@60Hz

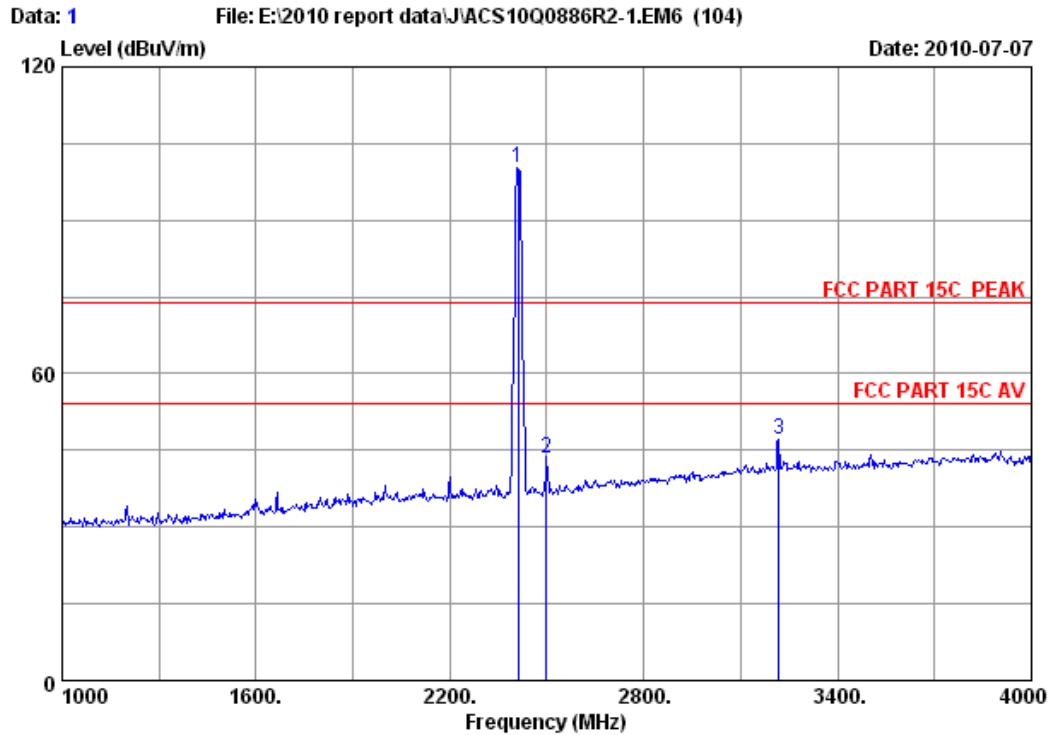
|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|---|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 57.160         | 7.22                     | 1.30                  | 21.41             | 29.93                         | 40.00              | 10.07          | QP     |
| 2 | 122.150        | 13.00                    | 1.73                  | 13.93             | 28.66                         | 43.50              | 14.84          | QP     |
| 3 | 167.740        | 10.44                    | 1.90                  | 16.41             | 28.75                         | 43.50              | 14.75          | QP     |
| 4 | 180.350        | 9.90                     | 1.97                  | 15.51             | 27.38                         | 43.50              | 16.12          | QP     |
| 5 | 406.360        | 16.96                    | 2.96                  | 14.30             | 34.22                         | 46.00              | 11.78          | QP     |
| 6 | 813.760        | 20.74                    | 4.34                  | 7.10              | 32.18                         | 46.00              | 13.82          | QP     |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.

Frequency: 1GHz~18GHz



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057



Site no. : 10m Chamber Data no. : 1  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11b CH1 2412MHz Tx  
M/N : Glada Slim-i30

|            | Ant.   | Cable | Amp.   |         | Emission |          |        |        |  |
|------------|--------|-------|--------|---------|----------|----------|--------|--------|--|
| Freq.      | Factor | loss  | Factor | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz)      | (dB/m) | (dB)  | (dB)   | (dBUV)  | (dBUV/m) | (dBUV/m) | (dB)   |        |  |
| 1 2412.000 | 29.45  | 7.43  | 36.62  | 100.09  | 100.35   | 74.00    | -26.35 | Peak   |  |
| 2 2500.000 | 29.50  | 7.62  | 36.60  | 42.98   | 43.50    | 74.00    | 30.50  | Peak   |  |
| 3 3217.000 | 32.54  | 8.79  | 36.28  | 42.10   | 47.15    | 74.00    | 26.85  | Peak   |  |

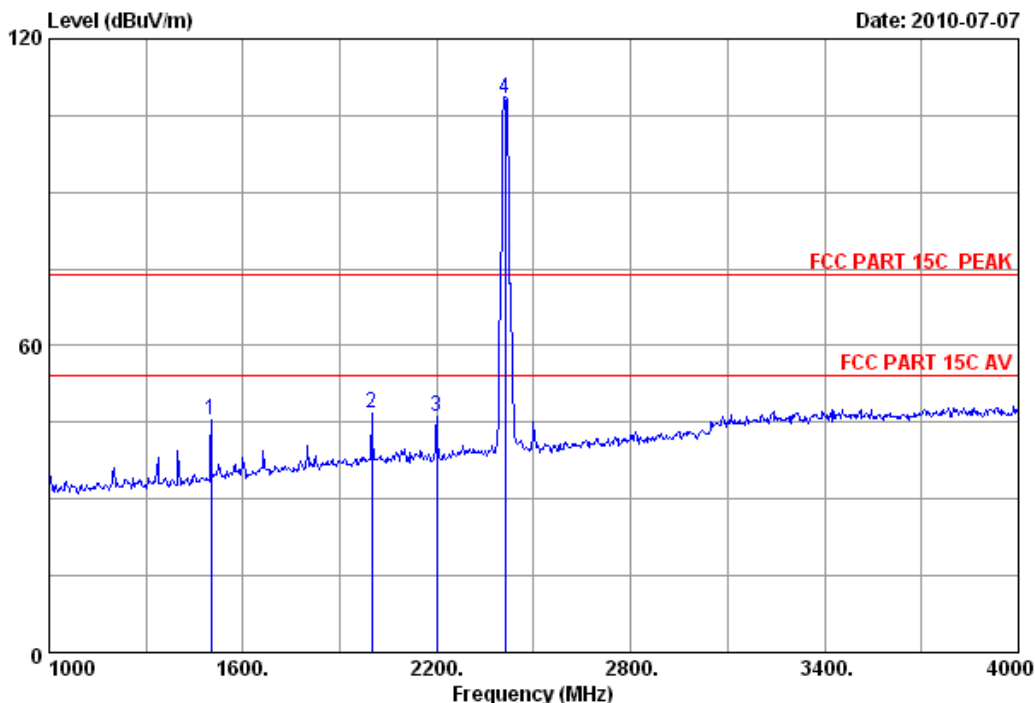
## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 2 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 2  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11b CH1 2412MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 1501.000       | 26.40                    | 5.73                  | 37.00                  | 50.21             | 45.34                         | 74.00              | 28.66          | Peak   |
| 2 | 1999.000       | 29.20                    | 6.63                  | 36.70                  | 47.79             | 46.92                         | 74.00              | 27.08          | Peak   |
| 3 | 2200.000       | 29.32                    | 7.05                  | 36.66                  | 46.42             | 46.13                         | 74.00              | 27.87          | Peak   |
| 4 | 2412.000       | 29.45                    | 7.43                  | 36.62                  | 108.20            | 108.46                        | 74.00              | -34.46         | Peak   |

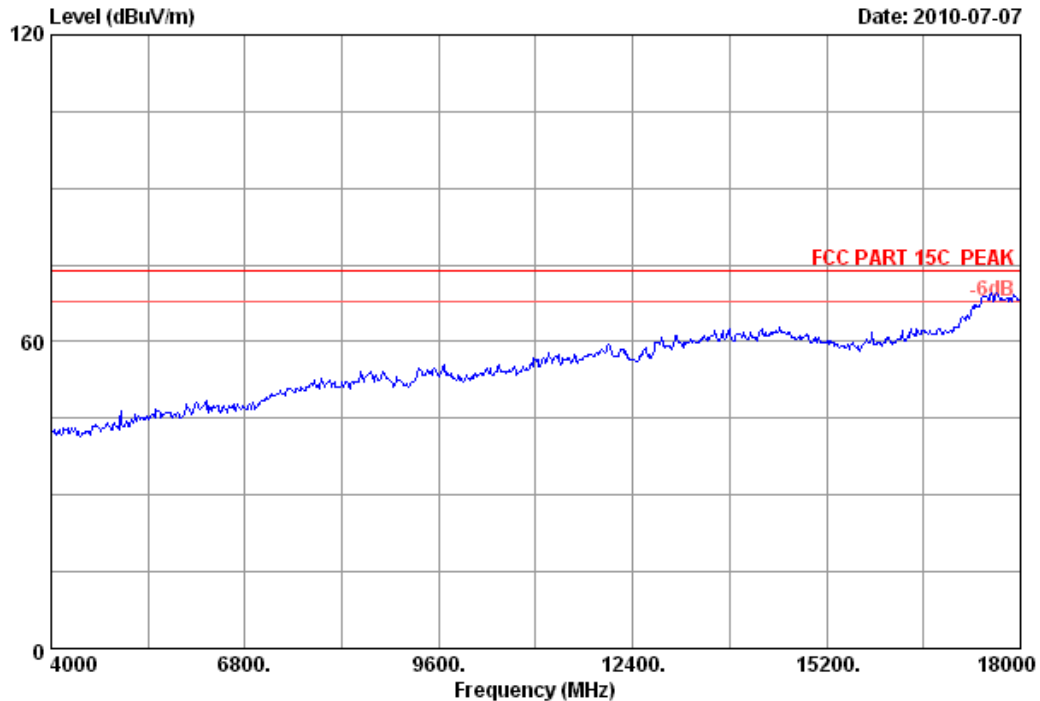
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 3 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



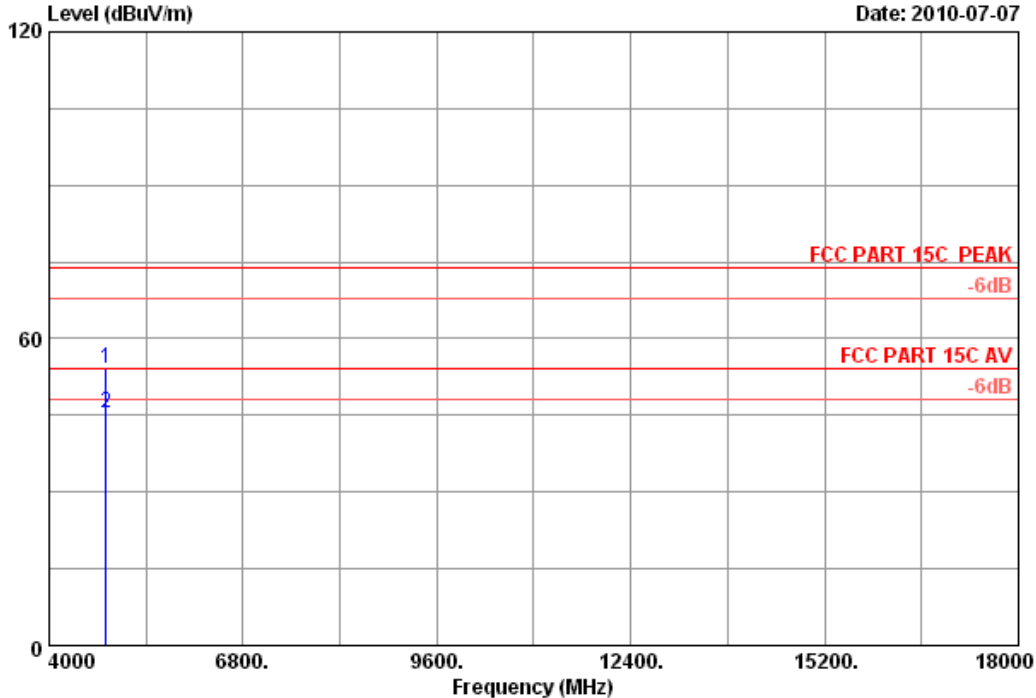
|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 3          |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11b CH1 2412MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |





No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 4 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 4  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11b CH1 2412MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4824.000       | 34.32                    | 10.64                 | 35.08                  | 44.33             | 54.21             | 74.00              | 19.79          | Peak    |
| 2 | 4824.000       | 34.32                    | 10.64                 | 35.08                  | 35.69             | 45.57             | 54.00              | 8.43           | Average |

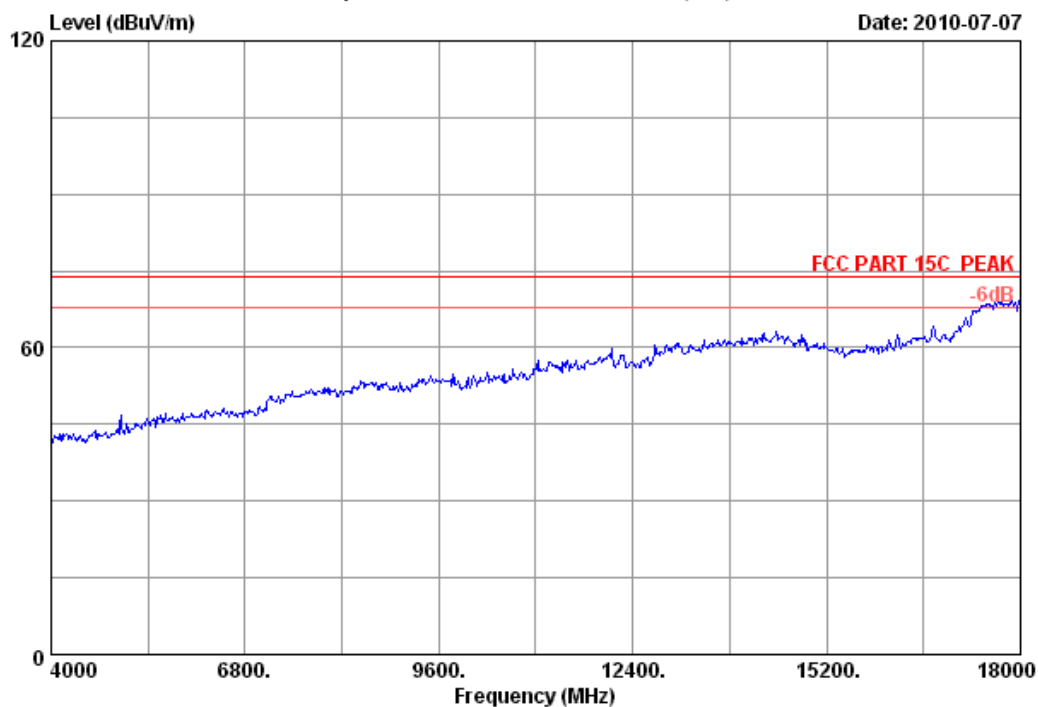
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 5 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

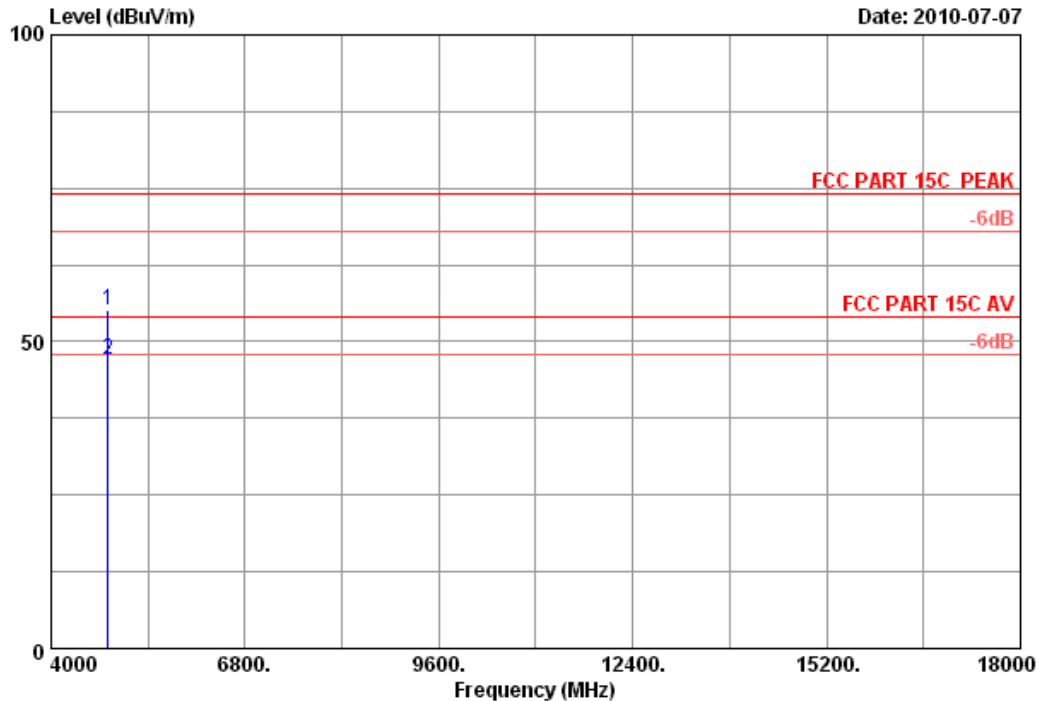


|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 5        |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11b CH1 2412MHz Tx             |           |            |
| M/N         | : Giada Slim-130                         |           |            |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 6 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 6        |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11b CH1 2412MHz Tx             |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.    | Ant.   | Cable | Amp.   |         | Emission |          |        |         |
|---|----------|--------|-------|--------|---------|----------|----------|--------|---------|
|   | (MHz)    | Factor | loss  | Factor | Reading | Level    | Limits   | Margin | Remark  |
|   |          | (dB/m) | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |         |
| 1 | 4824.000 | 34.32  | 10.64 | 35.08  | 45.26   | 55.14    | 74.00    | 18.86  | Peak    |
| 2 | 4824.000 | 34.32  | 10.64 | 35.08  | 37.13   | 47.01    | 54.00    | 6.99   | Average |

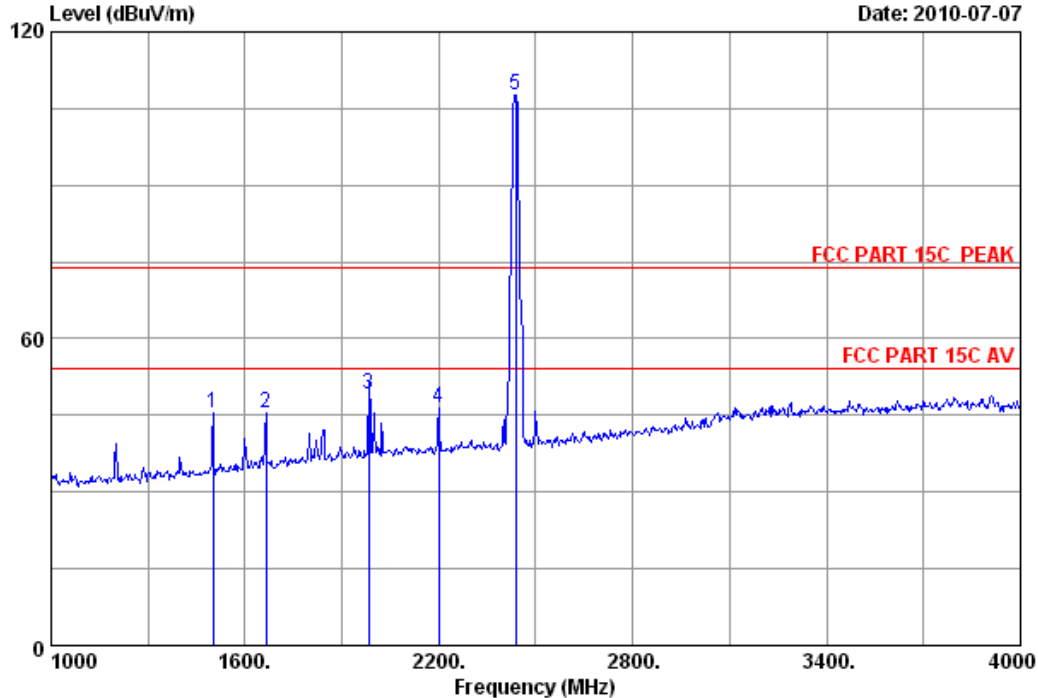
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 7 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 7  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11b CH6 2437MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 1501.000       | 26.40                    | 5.73                  | 37.00                  | 50.18             | 45.31                         | 74.00              | 28.69          | Peak   |
| 2 | 1666.000       | 27.33                    | 6.03                  | 36.91                  | 48.86             | 45.31                         | 74.00              | 28.69          | Peak   |
| 3 | 1984.000       | 29.11                    | 6.63                  | 36.70                  | 50.21             | 49.25                         | 74.00              | 24.75          | Peak   |
| 4 | 2200.000       | 29.32                    | 7.05                  | 36.66                  | 46.72             | 46.43                         | 74.00              | 27.57          | Peak   |
| 5 | 2437.000       | 29.47                    | 7.46                  | 36.61                  | 107.35            | 107.67                        | 74.00              | -33.67         | Peak   |

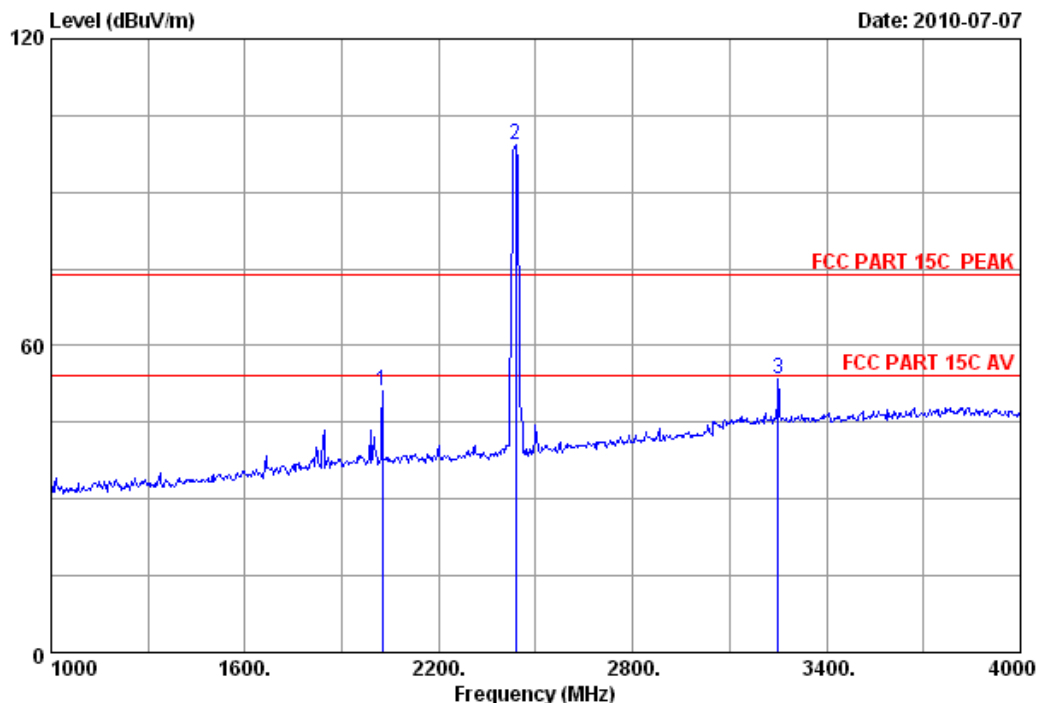
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 8 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 8          |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11b CH6 2437MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2026.000       | 29.21                    | 6.71                  | 36.69                  | 52.01             | 51.24             | 74.00              | 22.76          | Peak   |
| 2 | 2437.000       | 29.47                    | 7.46                  | 36.61                  | 98.92             | 99.24             | 74.00              | -25.24         | Peak   |
| 3 | 3250.000       | 32.63                    | 8.83                  | 36.25                  | 48.11             | 53.32             | 74.00              | 20.68          | Peak   |

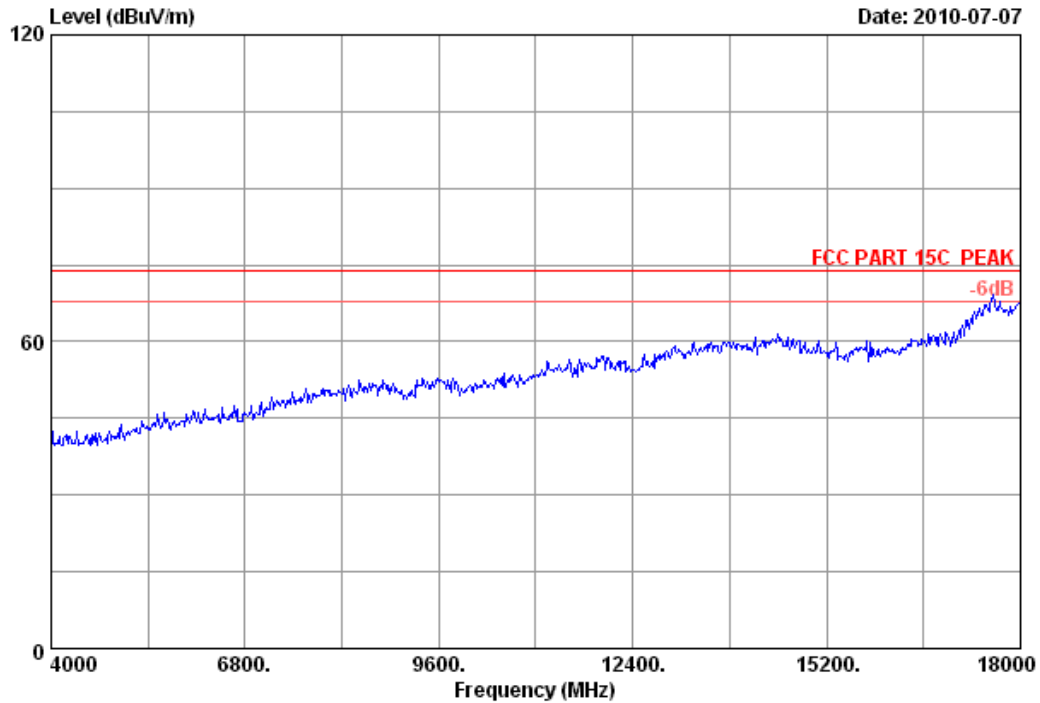
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 9 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

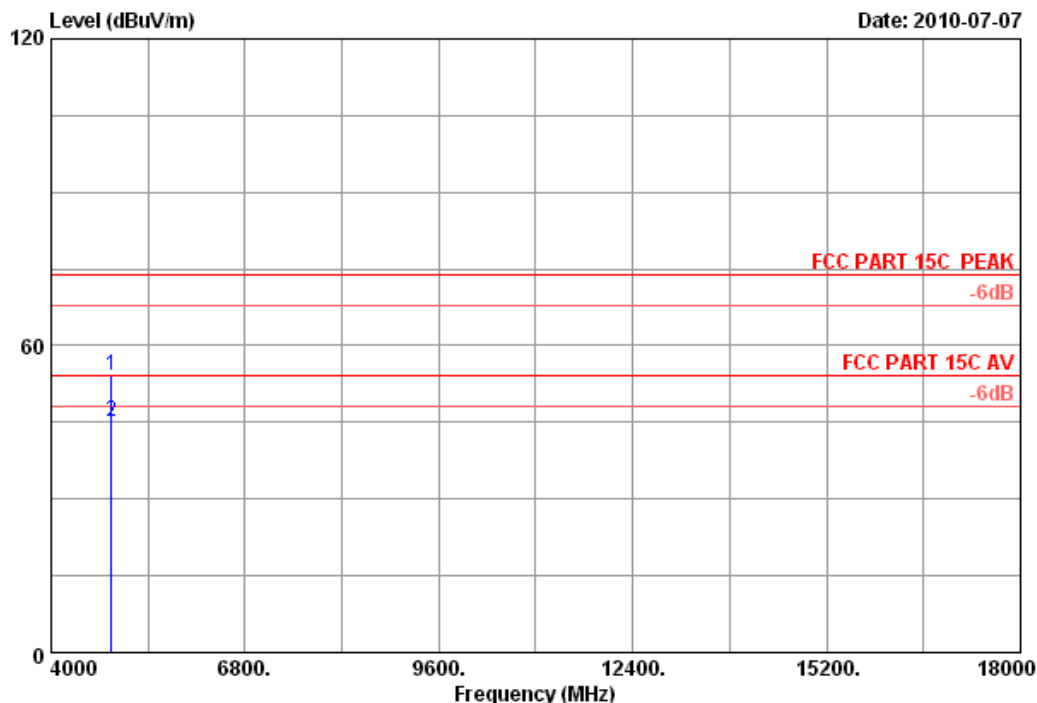


|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 9          |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11b CH6 2437MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 10 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 10         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11b CH6 2437MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 44.15             | 54.22             | 74.00              | 19.78          | Peak    |
| 2 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 35.17             | 45.24             | 54.00              | 8.76           | Average |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

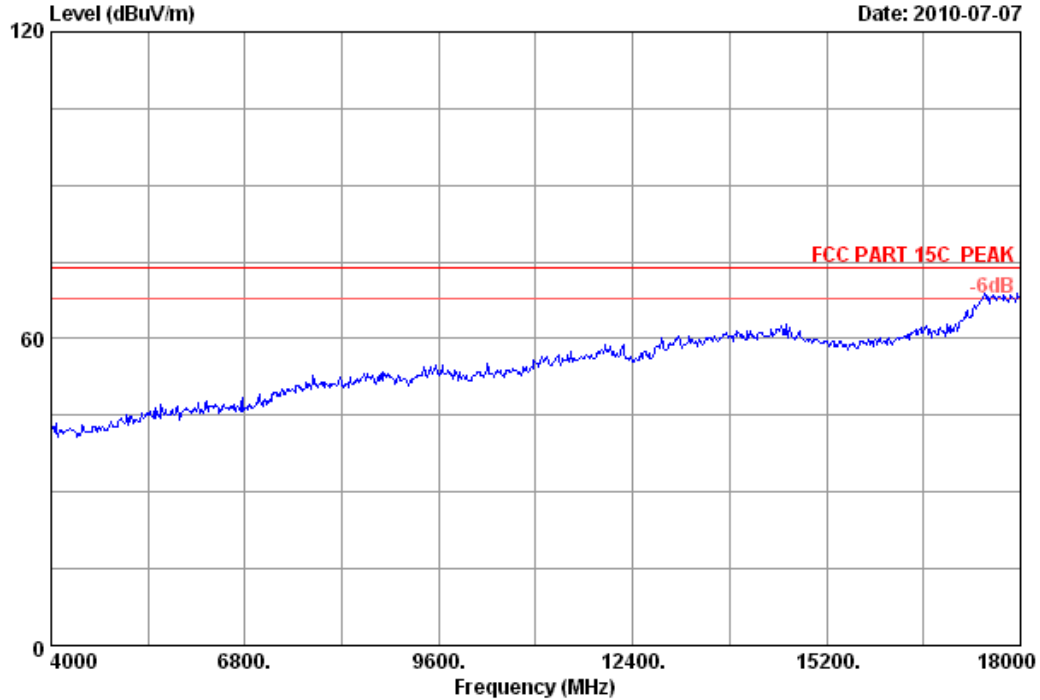


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 11

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



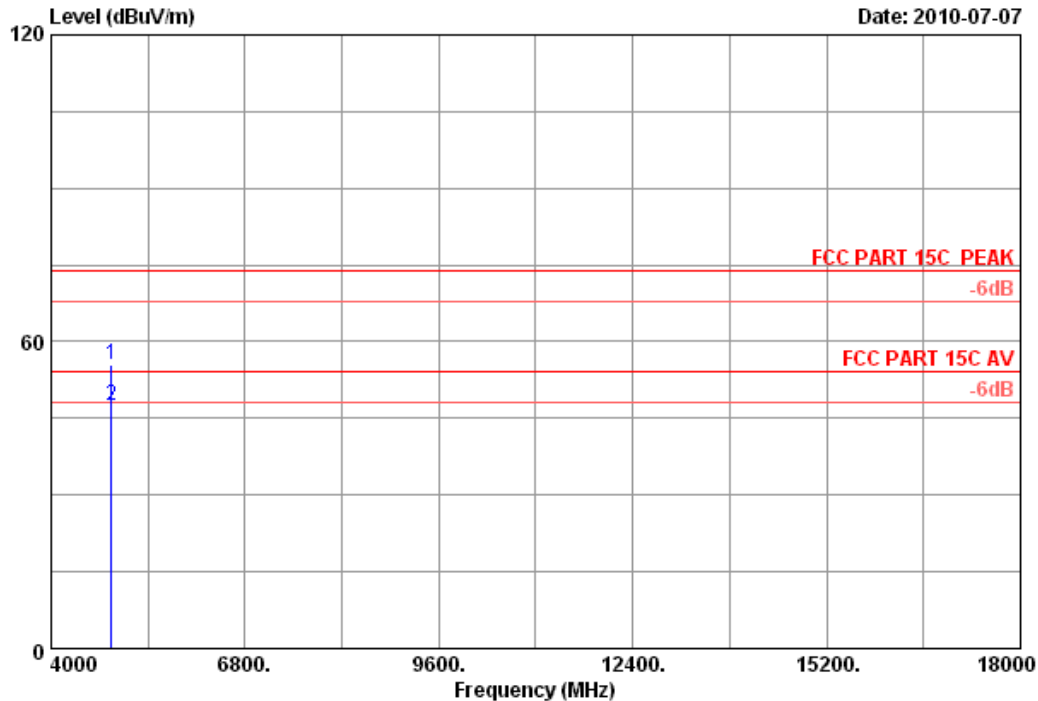
|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 11       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11b CH6 2437MHz Tx             |           |            |
| M/N         | : Giada Slim-130                         |           |            |





No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 12 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 12       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11b CH6 2437MHz Tx             |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 45.35             | 55.42             | 74.00              | 18.58          | Peak    |
| 2 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 37.24             | 47.31             | 54.00              | 6.69           | Average |

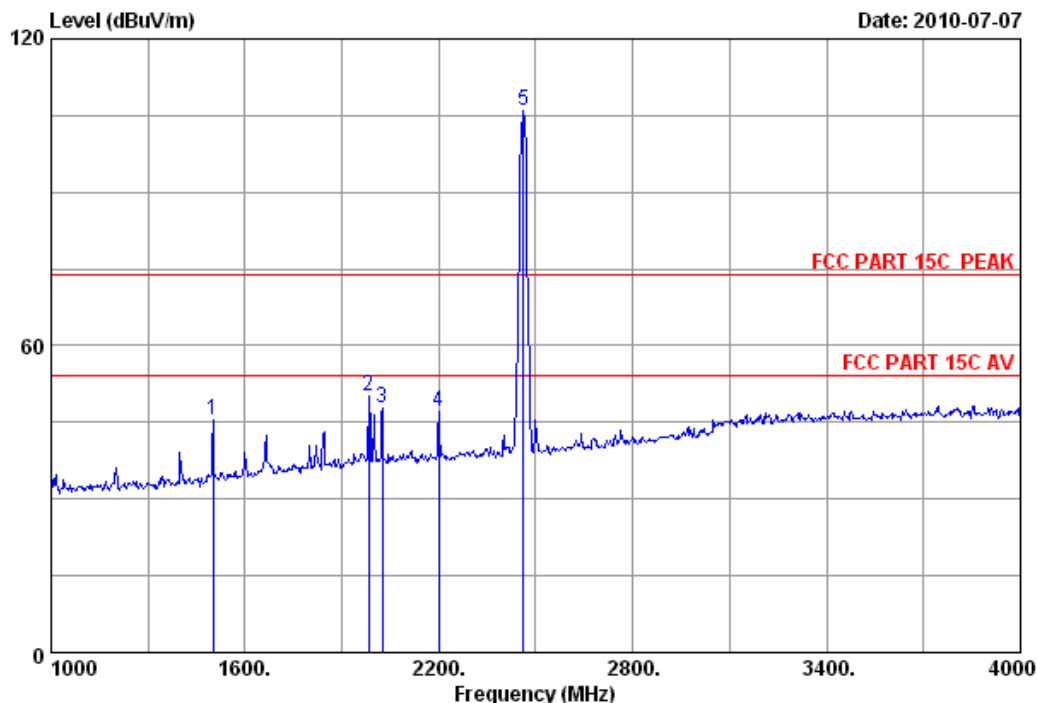
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 13 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 13  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11b CH11 2462MHz Tx  
M/N : Giada Slim-130

|       |          | Ant.  | Cable  | Amp.    |          | Emission |        |        |      |
|-------|----------|-------|--------|---------|----------|----------|--------|--------|------|
| Freq. | Factor   | loss  | Factor | Reading | Level    | Limits   | Margin | Remark |      |
| (MHz) | (dB/m)   | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |      |
| 1     | 1501.000 | 26.40 | 5.73   | 37.00   | 50.22    | 45.35    | 74.00  | 28.65  | Peak |
| 2     | 1984.000 | 29.11 | 6.63   | 36.70   | 50.98    | 50.02    | 74.00  | 23.98  | Peak |
| 3     | 2026.000 | 29.21 | 6.71   | 36.69   | 48.44    | 47.67    | 74.00  | 26.33  | Peak |
| 4     | 2200.000 | 29.32 | 7.05   | 36.66   | 47.51    | 47.22    | 74.00  | 26.78  | Peak |
| 5     | 2462.000 | 29.48 | 7.54   | 36.61   | 105.51   | 105.92   | 74.00  | -31.92 | Peak |

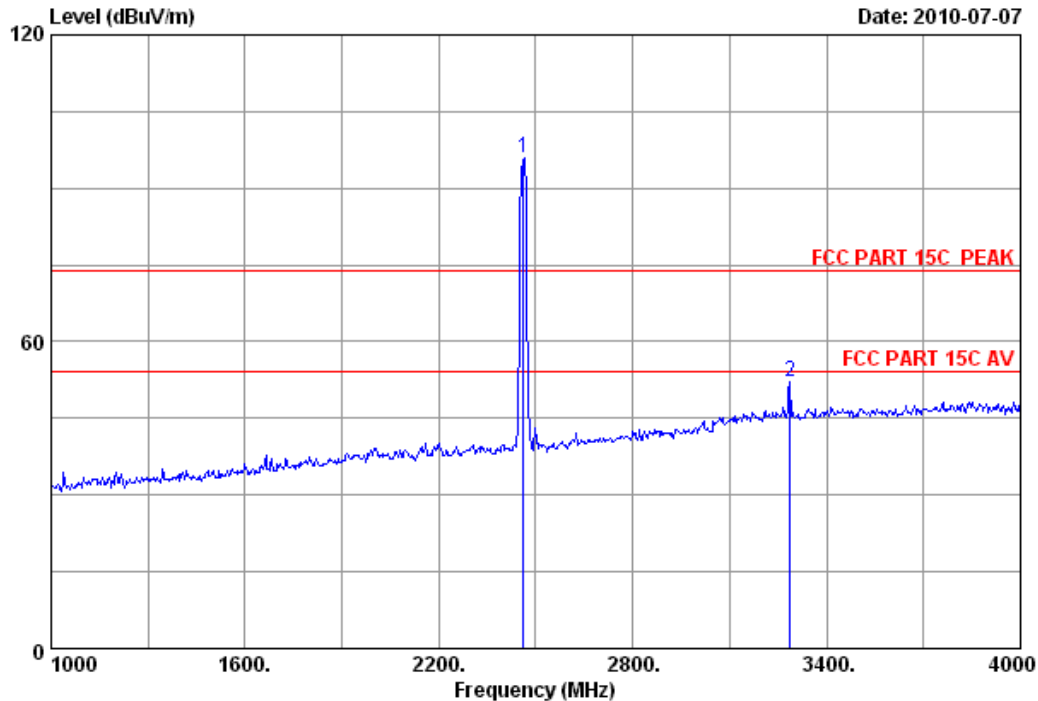
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 14 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 14         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11b CH11 2462MHz Tx            |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2462.000       | 29.48                    | 7.54                  | 36.61                  | 95.61             | 96.02             | 74.00              | -22.02         | Peak   |
| 2 | 3286.000       | 32.72                    | 8.88                  | 36.20                  | 46.80             | 52.20             | 74.00              | 21.80          | Peak   |

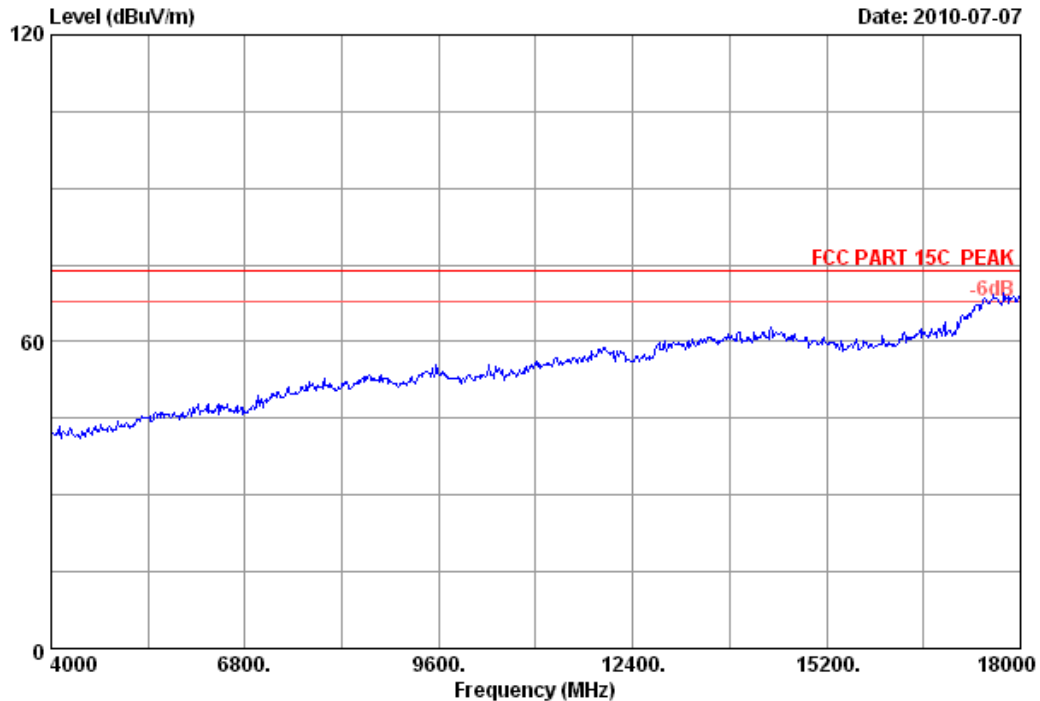
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 15 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

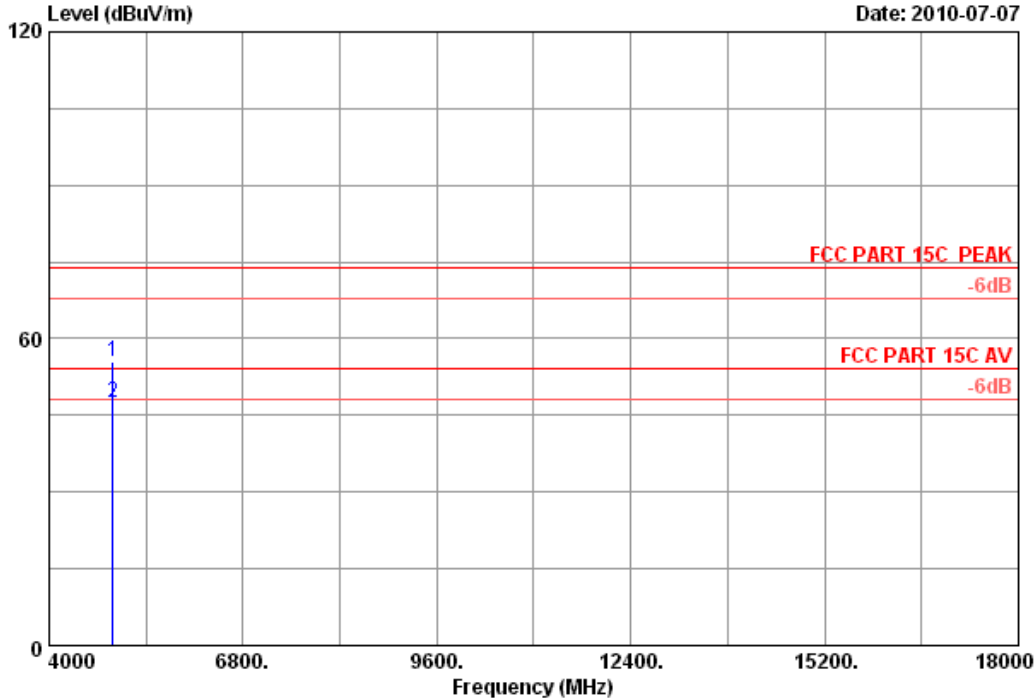


|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 15       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11b CH11 2462MHz Tx            |           |            |
| M/N         | : Giada Slim-130                         |           |            |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 16 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 16       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11b CH11 2462MHz Tx            |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4924.000       | 34.49                    | 10.76                 | 34.98                  | 45.25             | 55.52             | 74.00              | 18.48          | Peak    |
| 2 | 4924.000       | 34.49                    | 10.76                 | 34.98                  | 37.35             | 47.62             | 54.00              | 6.38           | Average |

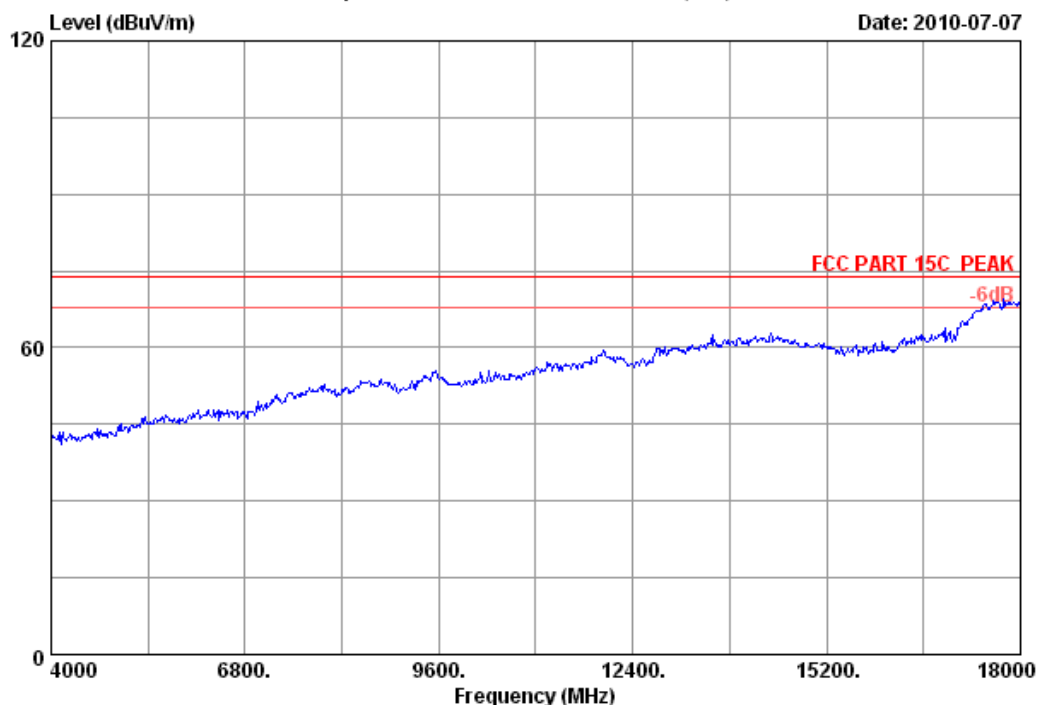
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 17 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

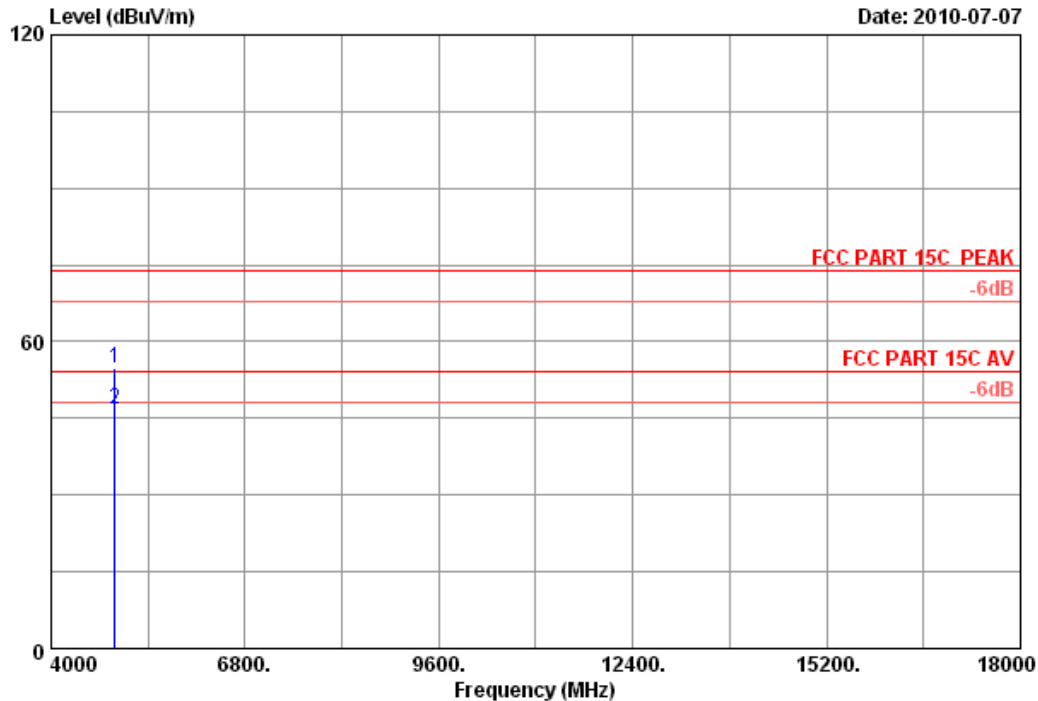


|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 17         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11b CH11 2462MHz Tx            |           |              |
| M/N         | : Giada Slim-130                         |           |              |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 18 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 18         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11b CH11 2462MHz Tx            |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4924.000       | 34.49                    | 10.76                 | 34.98                  | 44.68             | 54.95             | 74.00              | 19.05          | Peak    |
| 2 | 4924.000       | 34.49                    | 10.76                 | 34.98                  | 36.57             | 46.84             | 54.00              | 7.16           | Average |

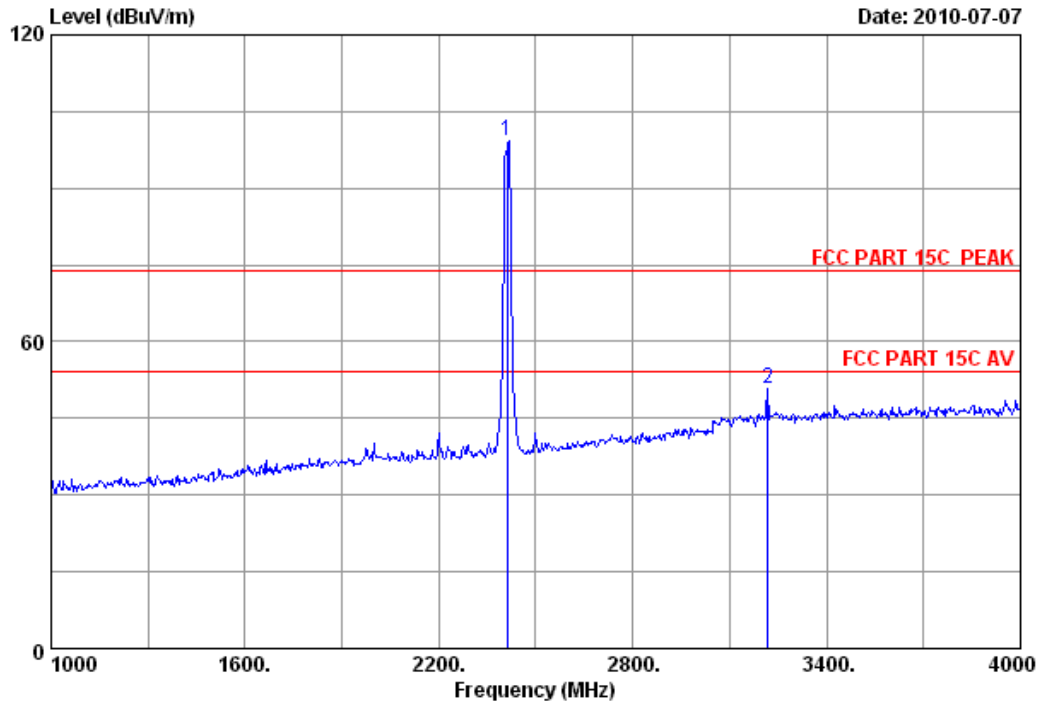
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 19 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 19         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11g CH1 2412MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.    | Ant.   | Cable | Amp.   |         | Emission |          |        |        |
|---|----------|--------|-------|--------|---------|----------|----------|--------|--------|
|   | (MHz)    | Factor | loss  | Factor | Reading | Level    | Limits   | Margin | Remark |
|   |          | (dB/m) | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 2412.000 | 29.45  | 7.43  | 36.62  | 98.98   | 99.24    | 74.00    | -25.24 | Peak   |
| 2 | 3217.000 | 32.54  | 8.79  | 36.28  | 45.89   | 50.94    | 74.00    | 23.06  | Peak   |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



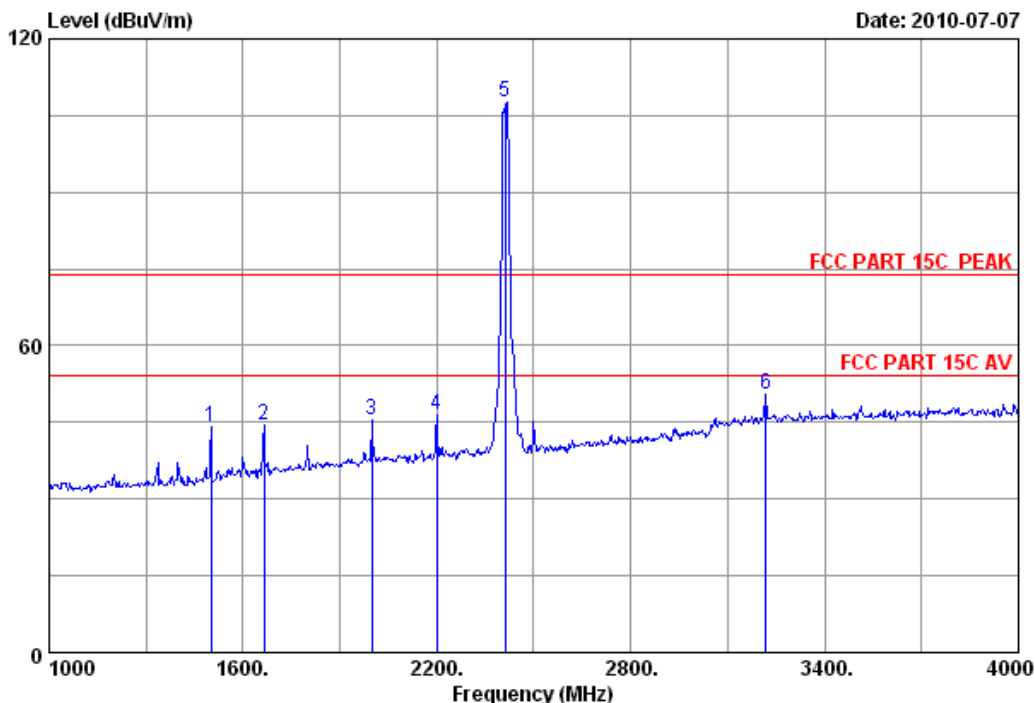


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 20

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



Site no. : 10m Chamber Data no. : 20  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11g CH1 2412MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 1501.000       | 26.40                    | 5.73                  | 37.00                  | 48.88             | 44.01                         | 74.00              | 29.99          | Peak   |
| 2 | 1666.000       | 27.33                    | 6.03                  | 36.91                  | 47.91             | 44.36                         | 74.00              | 29.64          | Peak   |
| 3 | 1999.000       | 29.20                    | 6.63                  | 36.70                  | 46.44             | 45.57                         | 74.00              | 28.43          | Peak   |
| 4 | 2200.000       | 29.32                    | 7.05                  | 36.66                  | 46.74             | 46.45                         | 74.00              | 27.55          | Peak   |
| 5 | 2412.000       | 29.45                    | 7.43                  | 36.62                  | 107.27            | 107.53                        | 74.00              | -33.53         | Peak   |
| 6 | 3217.000       | 32.54                    | 8.79                  | 36.28                  | 45.53             | 50.58                         | 74.00              | 23.42          | Peak   |

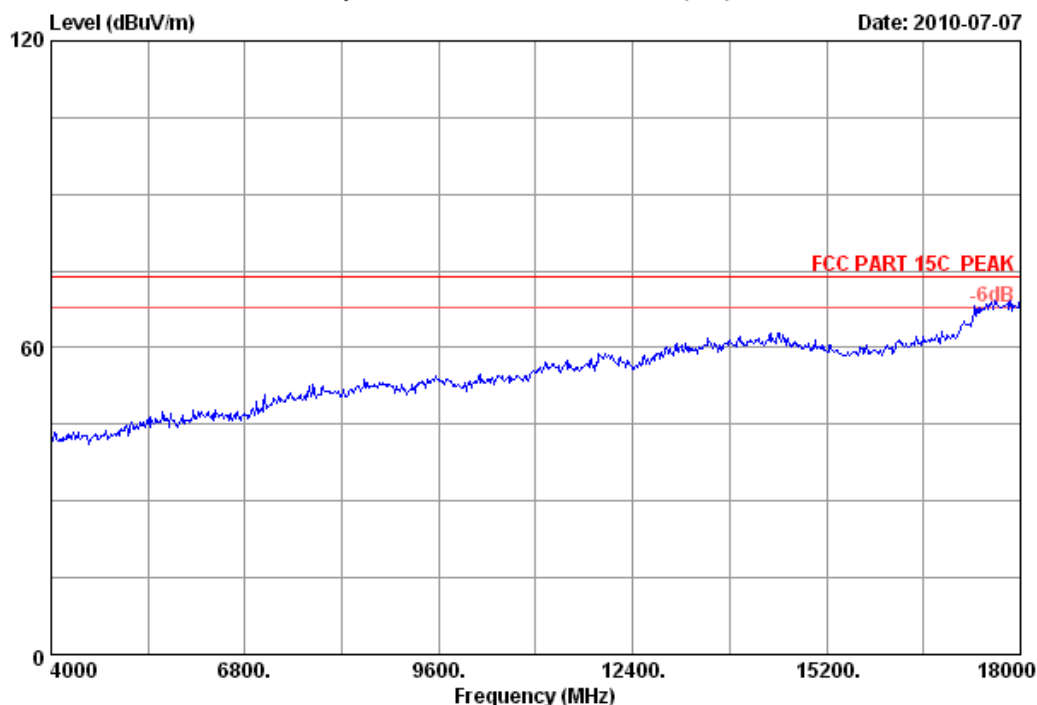
## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 21 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

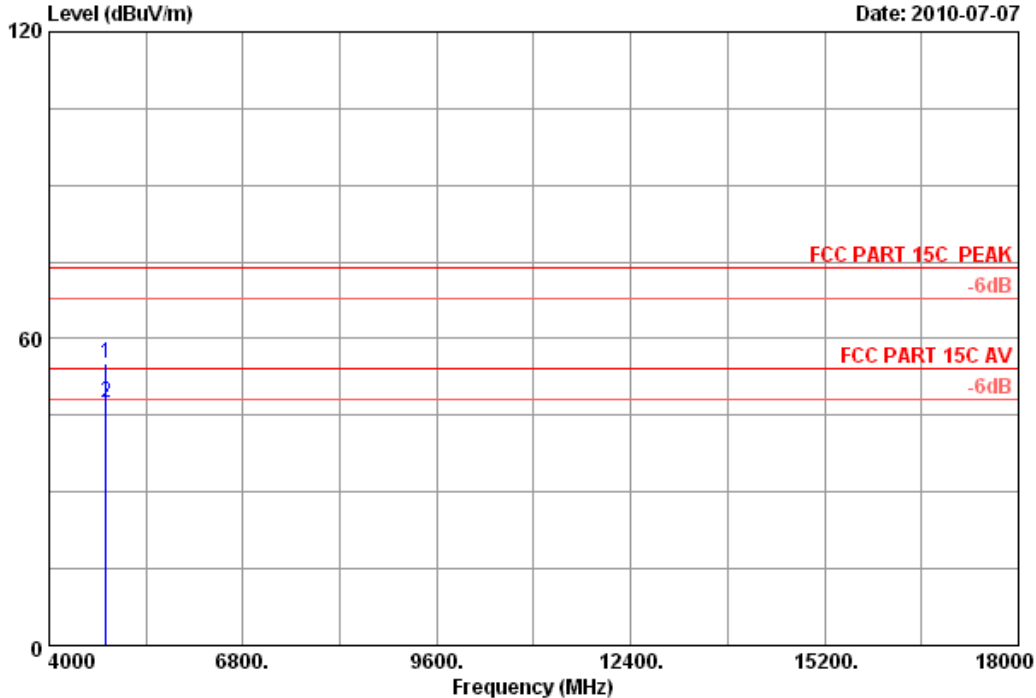


|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 21         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11g CH1 2412MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 22 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 22         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11g CH1 2412MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |       | Margin<br>(dB) | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|-------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) |       |                |         |
| 1 | 4824.000       | 34.32                    | 10.64                 | 35.08                  | 45.27             | 55.15             | 74.00              | 18.85 |                | Peak    |
| 2 | 4824.000       | 34.32                    | 10.64                 | 35.08                  | 37.49             | 47.37             | 54.00              | 6.63  |                | Average |

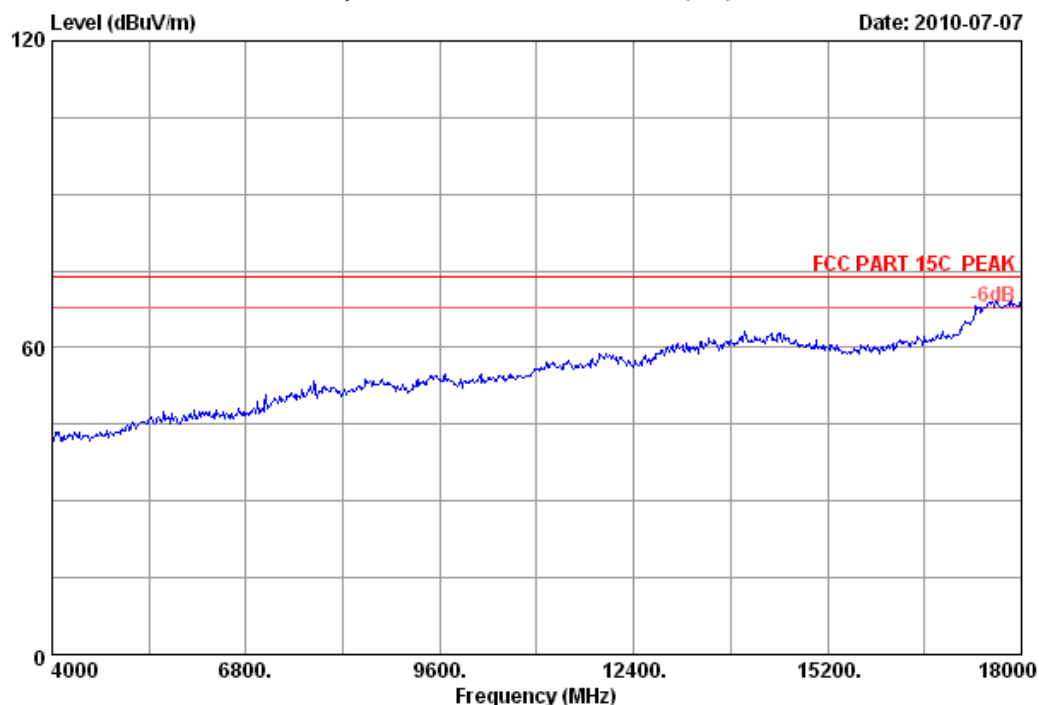
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 23 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

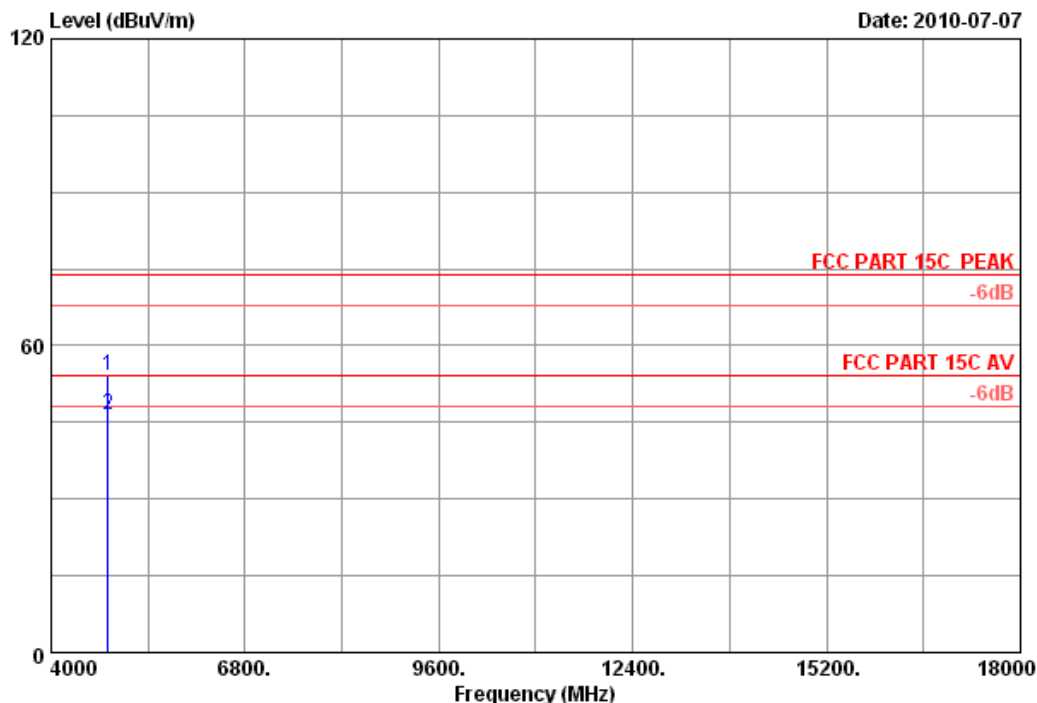


|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 23       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11g CH1 2412MHz Tx             |           |            |
| M/N         | : Giada Slim-130                         |           |            |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 24 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 24       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11g CH1 2412MHz Tx             |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4824.000       | 34.32                    | 10.64                 | 35.08                  | 44.37             | 54.25             | 74.00              | 19.75          | Peak    |
| 2 | 4824.000       | 34.32                    | 10.64                 | 35.08                  | 36.50             | 46.38             | 54.00              | 7.62           | Average |

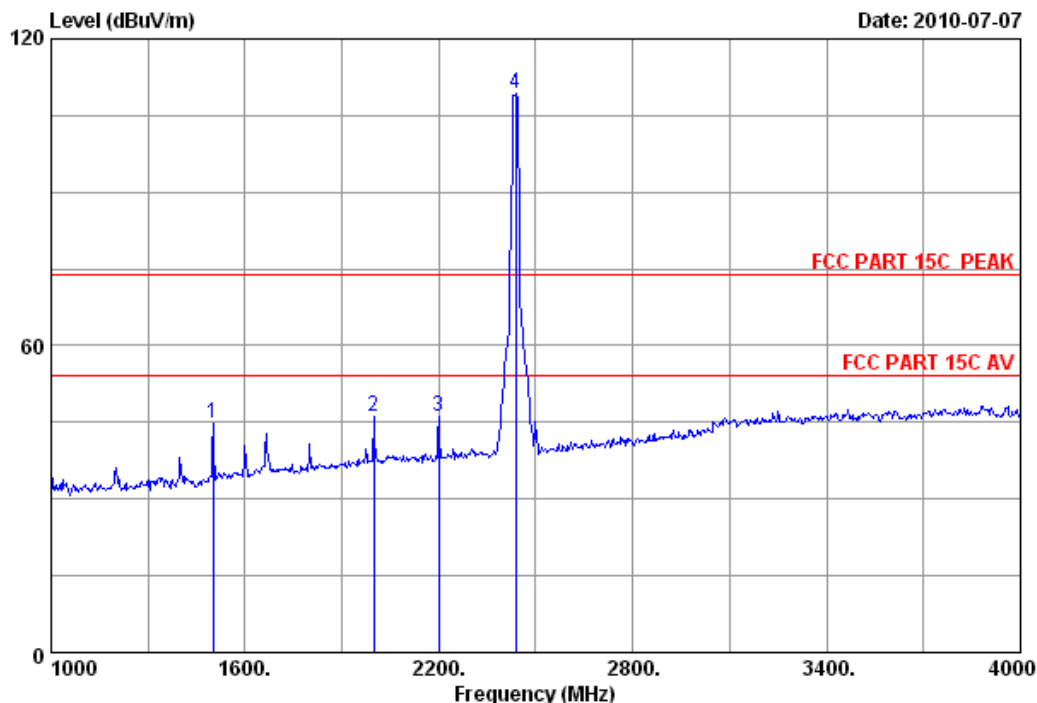
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 25 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 25       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11g CH6 2437MHz Tx             |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 1501.000       | 26.40                    | 5.73                  | 37.00                  | 49.69             | 44.82             | 74.00              | 29.18          | Peak   |
| 2 | 1999.000       | 29.20                    | 6.63                  | 36.70                  | 47.11             | 46.24             | 74.00              | 27.76          | Peak   |
| 3 | 2200.000       | 29.32                    | 7.05                  | 36.66                  | 46.51             | 46.22             | 74.00              | 27.78          | Peak   |
| 4 | 2437.000       | 29.47                    | 7.46                  | 36.61                  | 109.06            | 109.38            | 74.00              | -35.38         | Peak   |

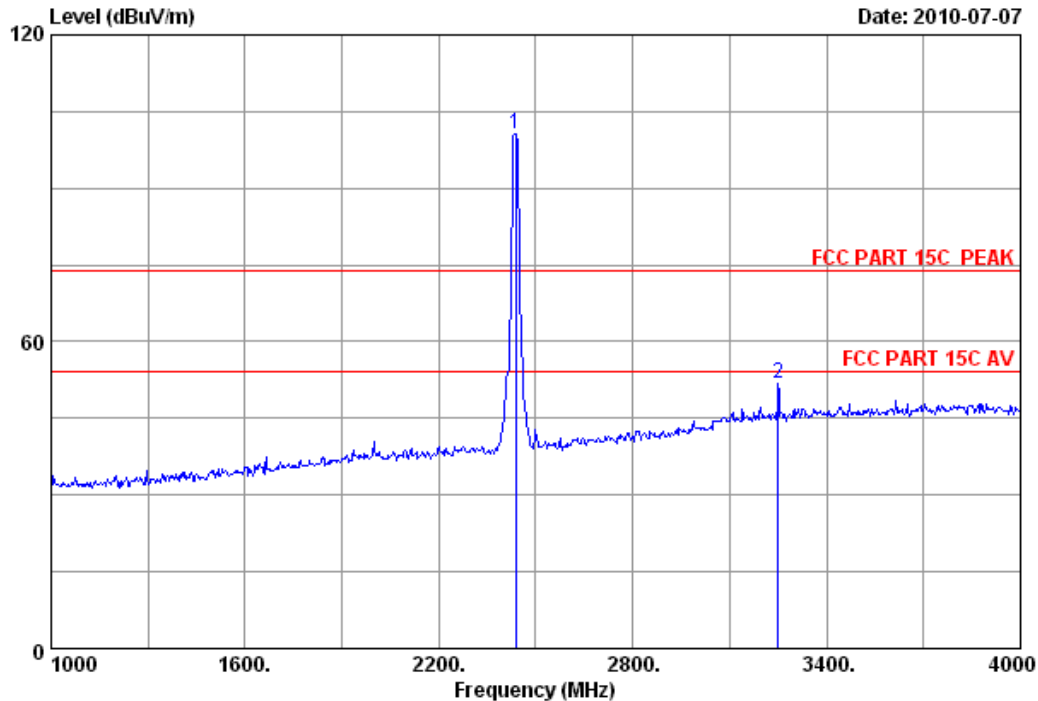
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 26 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 26         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11g CH6 2437MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2437.000       | 29.47                    | 7.46                  | 36.61                  | 100.17            | 100.49            | 74.00              | -26.49         | Peak   |
| 2 | 3250.000       | 32.63                    | 8.83                  | 36.25                  | 46.75             | 51.96             | 74.00              | 22.04          | Peak   |

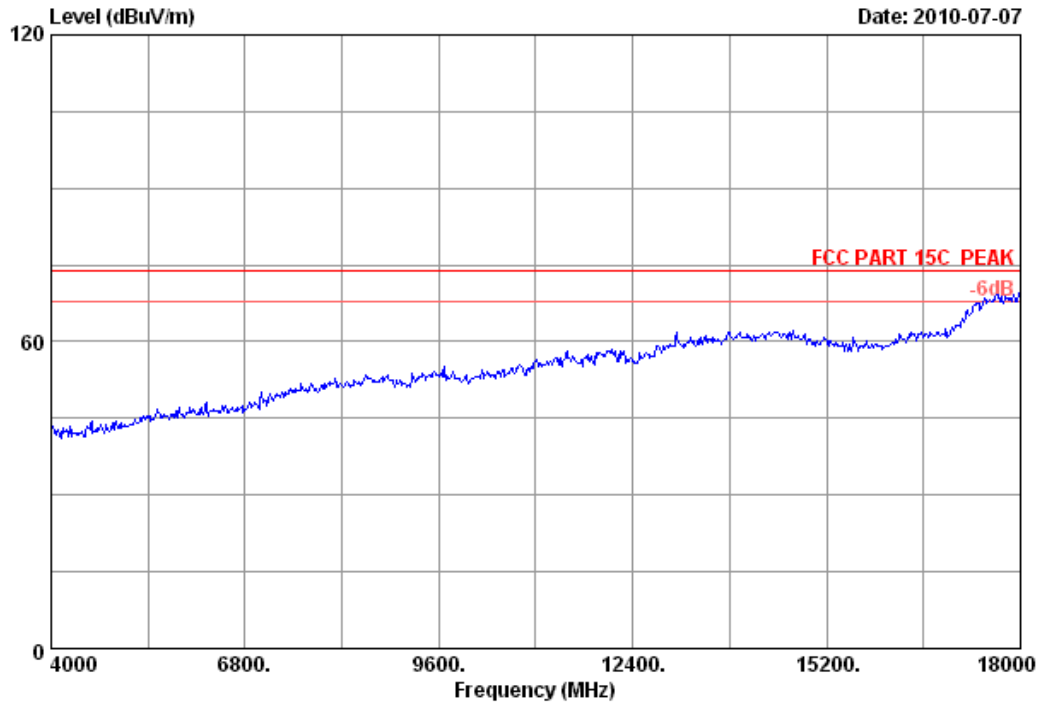
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 27 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



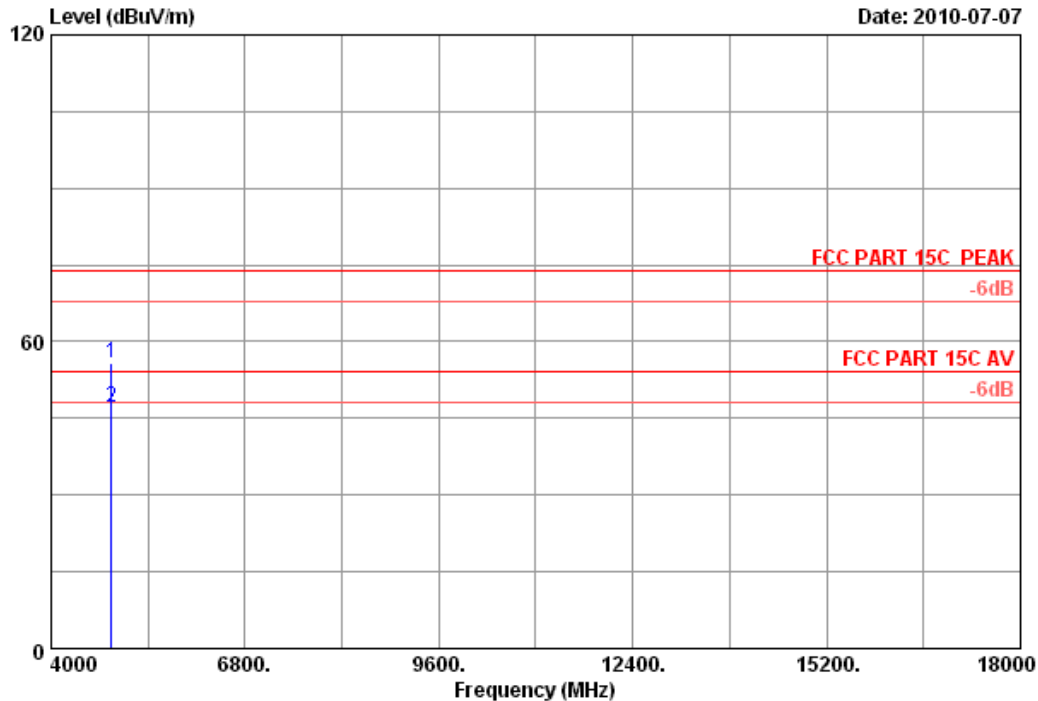
|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 27         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11g CH6 2437MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |





No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 28 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 28         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11g CH6 2437MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 45.63             | 55.70             | 74.00              | 18.30          | Peak    |
| 2 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 36.95             | 47.02             | 54.00              | 6.98           | Average |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

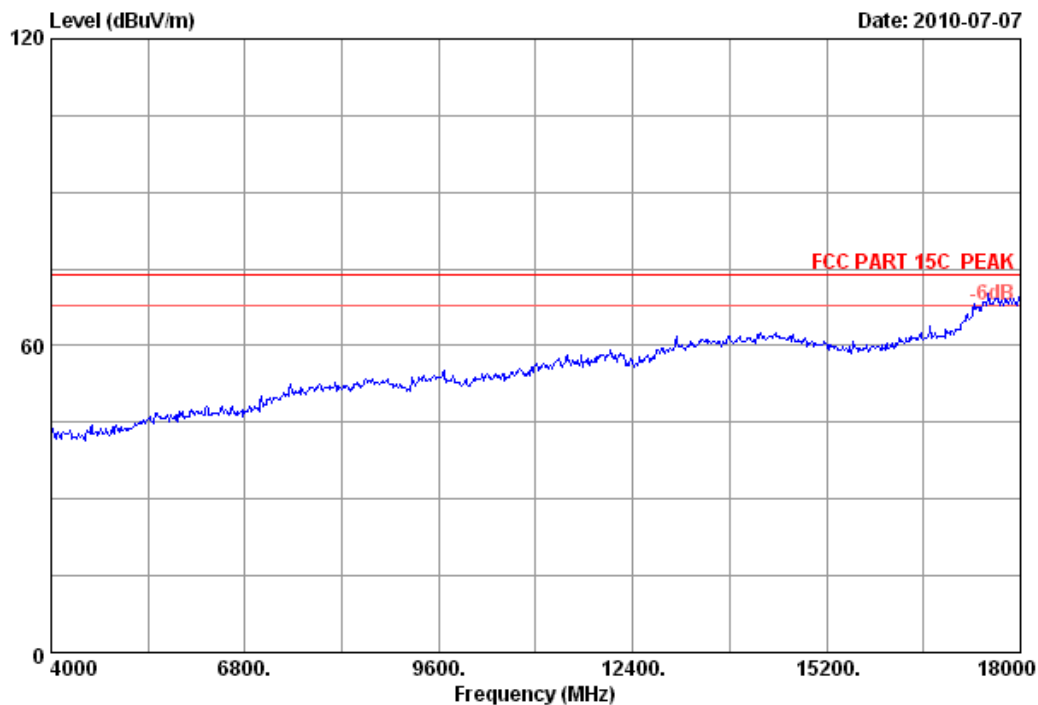


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 29

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07

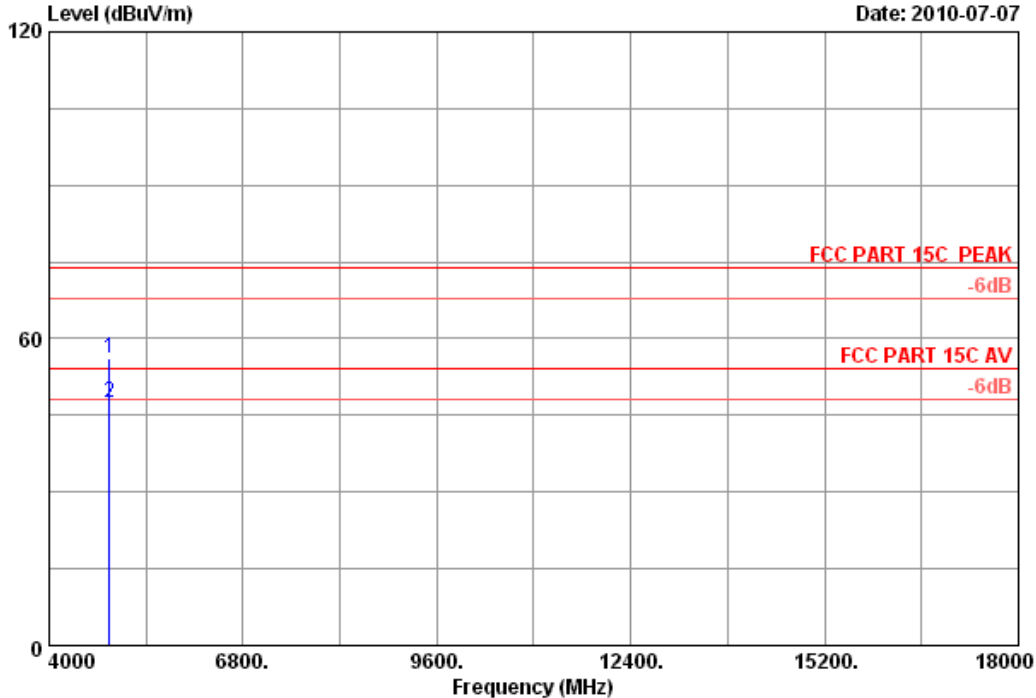


|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 29       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11g CH6 2437MHz Tx             |           |            |
| M/N         | : Giada Slim-130                         |           |            |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 30 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 30  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11g CH6 2437MHz Tx  
M/N : Giada Slim-130

|   | Freq.    | Ant.   | Cable | Amp.   |         | Emission |          |        |         |
|---|----------|--------|-------|--------|---------|----------|----------|--------|---------|
|   | (MHz)    | Factor | loss  | Factor | Reading | Level    | Limits   | Margin | Remark  |
|   |          | (dB/m) | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |         |
| 1 | 4874.000 | 34.41  | 10.69 | 35.03  | 45.96   | 56.03    | 74.00    | 17.97  | Peak    |
| 2 | 4874.000 | 34.41  | 10.69 | 35.03  | 37.42   | 47.49    | 54.00    | 6.51   | Average |

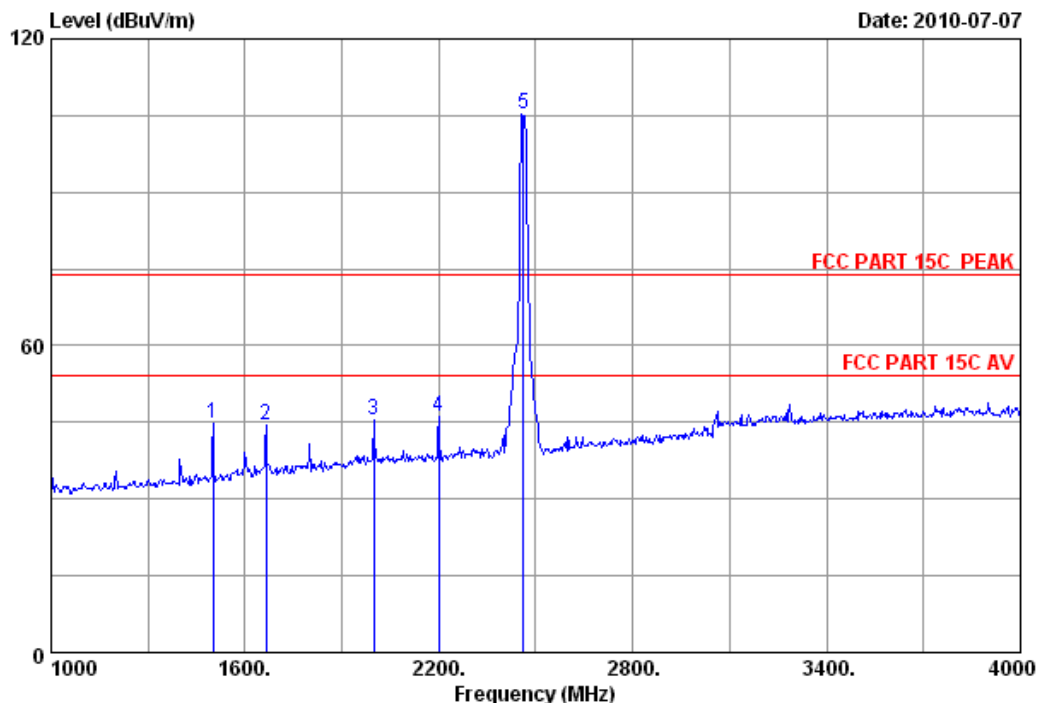
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 31 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 31  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11g CH11 2462MHz Tx  
M/N : Giada Slim-130

|   |          | Ant.   | Cable | Amp.   |         | Emission |          |        |        |
|---|----------|--------|-------|--------|---------|----------|----------|--------|--------|
|   | Freq.    | Factor | loss  | Factor | Reading | Level    | Limits   | Margin | Remark |
|   | (MHz)    | (dB/m) | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 1501.000 | 26.40  | 5.73  | 37.00  | 49.69   | 44.82    | 74.00    | 29.18  | Peak   |
| 2 | 1666.000 | 27.33  | 6.03  | 36.91  | 48.13   | 44.58    | 74.00    | 29.42  | Peak   |
| 3 | 1999.000 | 29.20  | 6.63  | 36.70  | 46.18   | 45.31    | 74.00    | 28.69  | Peak   |
| 4 | 2200.000 | 29.32  | 7.05  | 36.66  | 46.28   | 45.99    | 74.00    | 28.01  | Peak   |
| 5 | 2462.000 | 29.48  | 7.54  | 36.61  | 105.03  | 105.44   | 74.00    | -31.44 | Peak   |

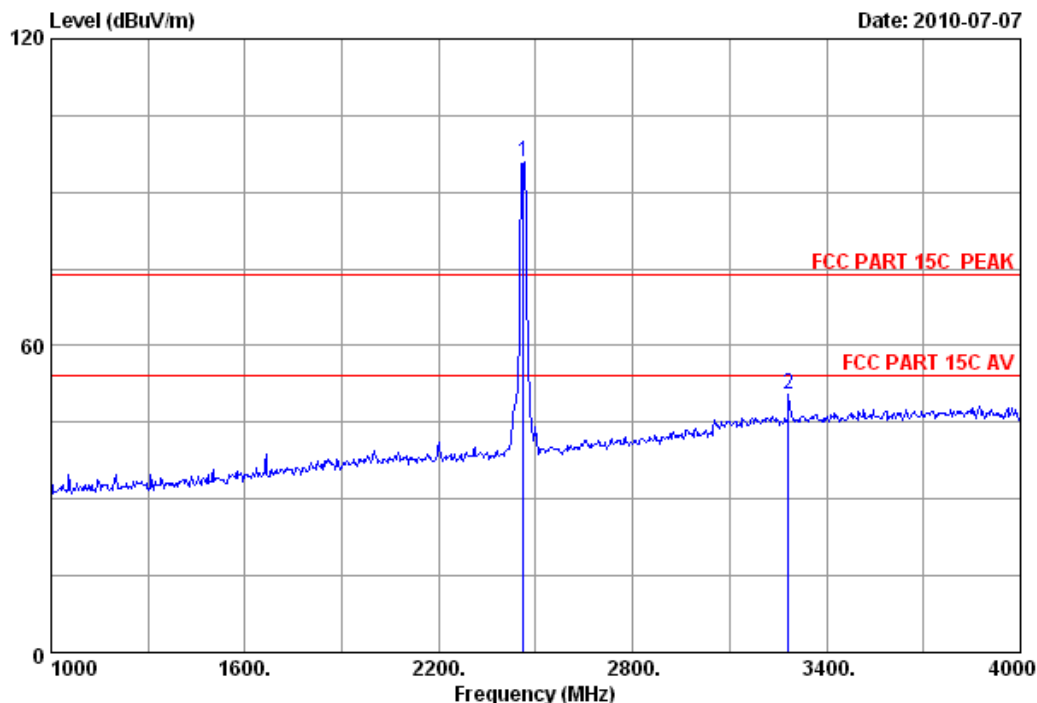
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 32 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 32         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11g CH11 2462MHz Tx            |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2462.000       | 29.48                    | 7.54                  | 36.61                  | 95.62             | 96.03             | 74.00              | -22.03         | Peak   |
| 2 | 3283.000       | 32.72                    | 8.88                  | 36.20                  | 45.16             | 50.56             | 74.00              | 23.44          | Peak   |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

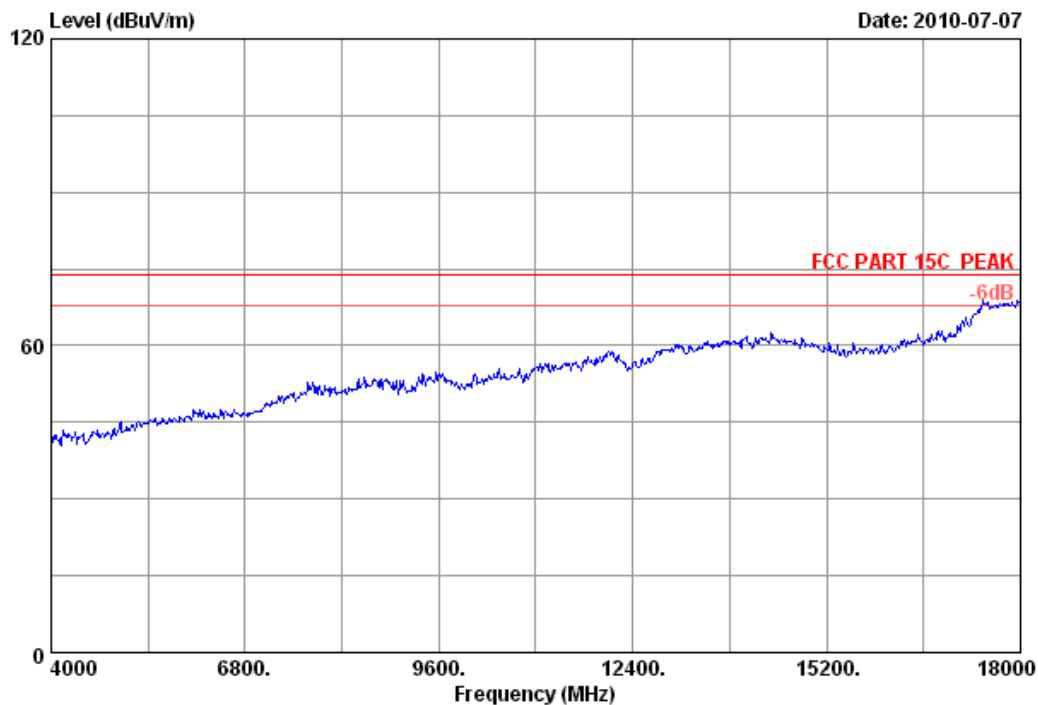


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 33

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07

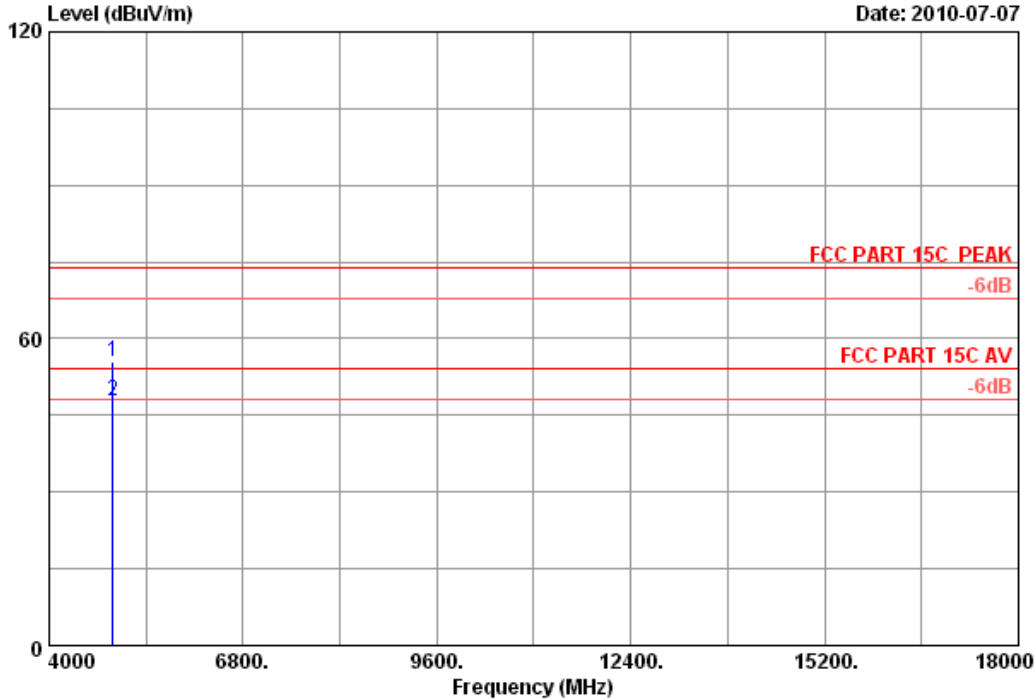


|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 33       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11g CH11 2462MHz Tx            |           |            |
| M/N         | : Giada Slim-130                         |           |            |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 34 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 34  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11g CH11 2462MHz Tx  
M/N : Giada Slim-130

|   |          | Ant.   | Cable | Amp.   |         | Emission |          |        |         |
|---|----------|--------|-------|--------|---------|----------|----------|--------|---------|
|   | Freq.    | Factor | loss  | Factor | Reading | Level    | Limits   | Margin | Remark  |
|   | (MHz)    | (dB/m) | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |         |
| 1 | 4924.000 | 34.49  | 10.76 | 34.98  | 45.26   | 55.53    | 74.00    | 18.47  | Peak    |
| 2 | 4924.000 | 34.49  | 10.76 | 34.98  | 37.54   | 47.81    | 54.00    | 6.19   | Average |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

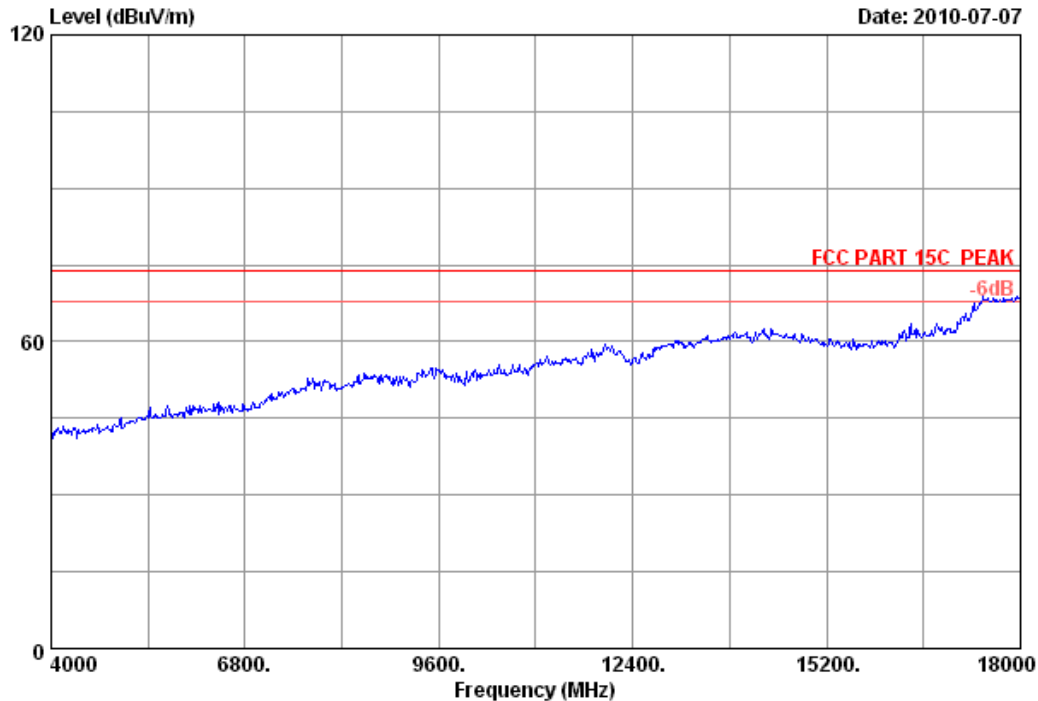


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 35

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



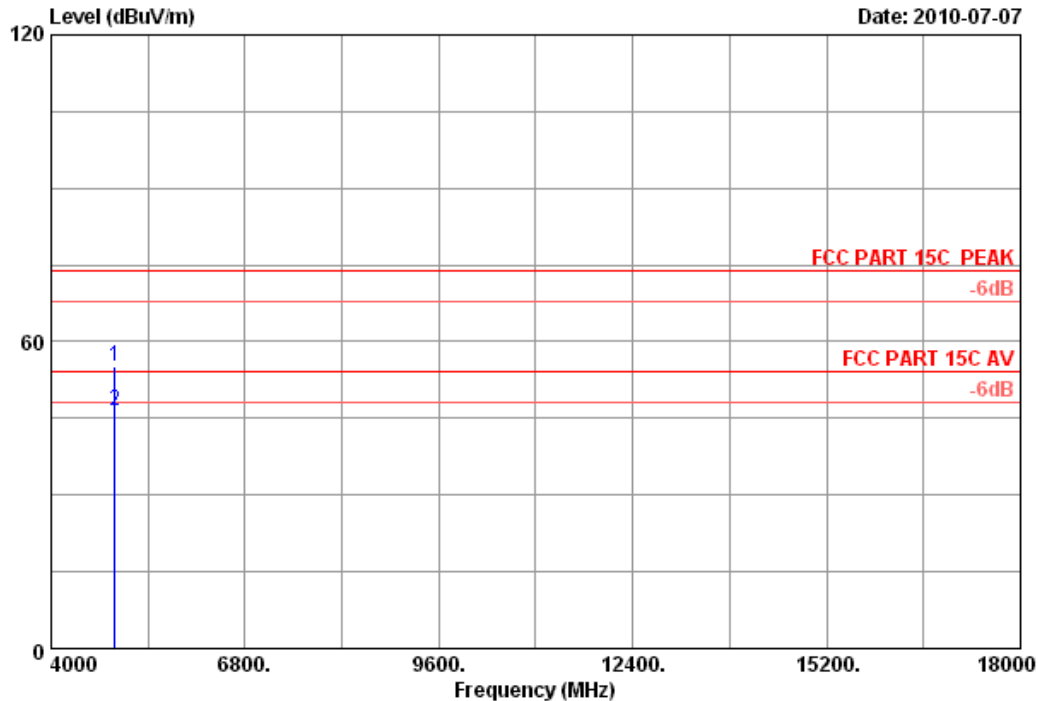
|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 35         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11g CH11 2462MHz Tx            |           |              |
| M/N         | : Giada Slim-130                         |           |              |





No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 36 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 36         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11g CH11 2462MHz Tx            |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4924.000       | 34.49                    | 10.76                 | 34.98                  | 44.85             | 55.12             | 74.00              | 18.88          | Peak    |
| 2 | 4924.000       | 34.49                    | 10.76                 | 34.98                  | 36.29             | 46.56             | 54.00              | 7.44           | Average |

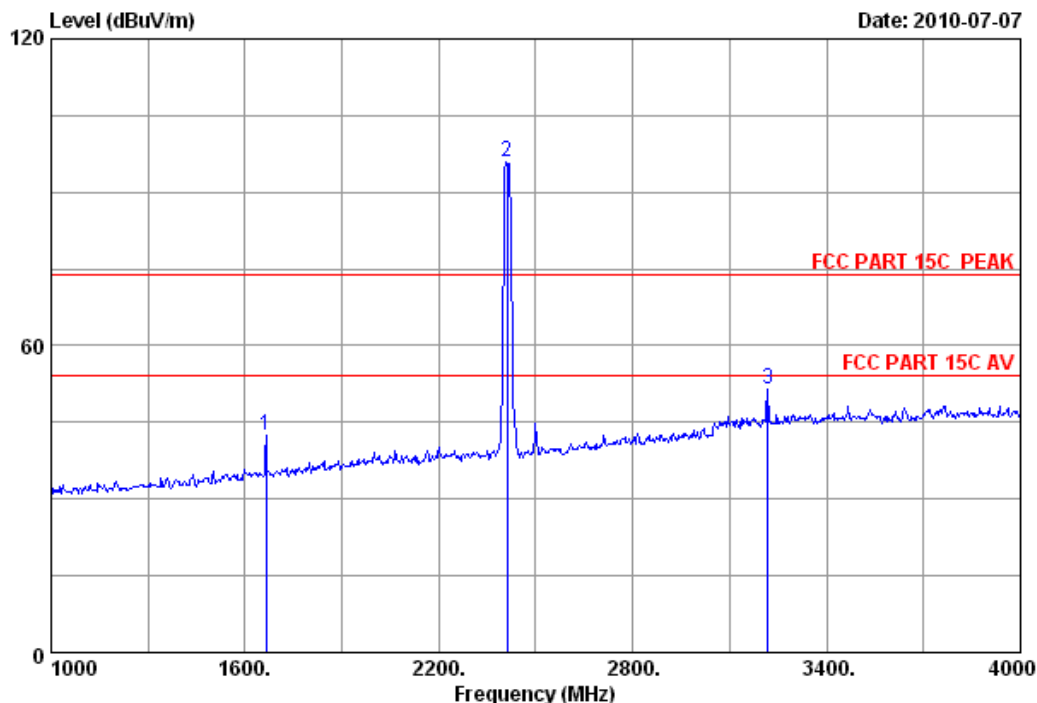
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 37 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 37         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT20 CH1 2412MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 1666.000       | 27.33                    | 6.03                  | 36.91                  | 45.93             | 42.38             | 74.00              | 31.62          | Peak   |
| 2 | 2412.000       | 29.45                    | 7.43                  | 36.62                  | 95.53             | 95.79             | 74.00              | -21.79         | Peak   |
| 3 | 3217.000       | 32.54                    | 8.79                  | 36.28                  | 46.32             | 51.37             | 74.00              | 22.63          | Peak   |

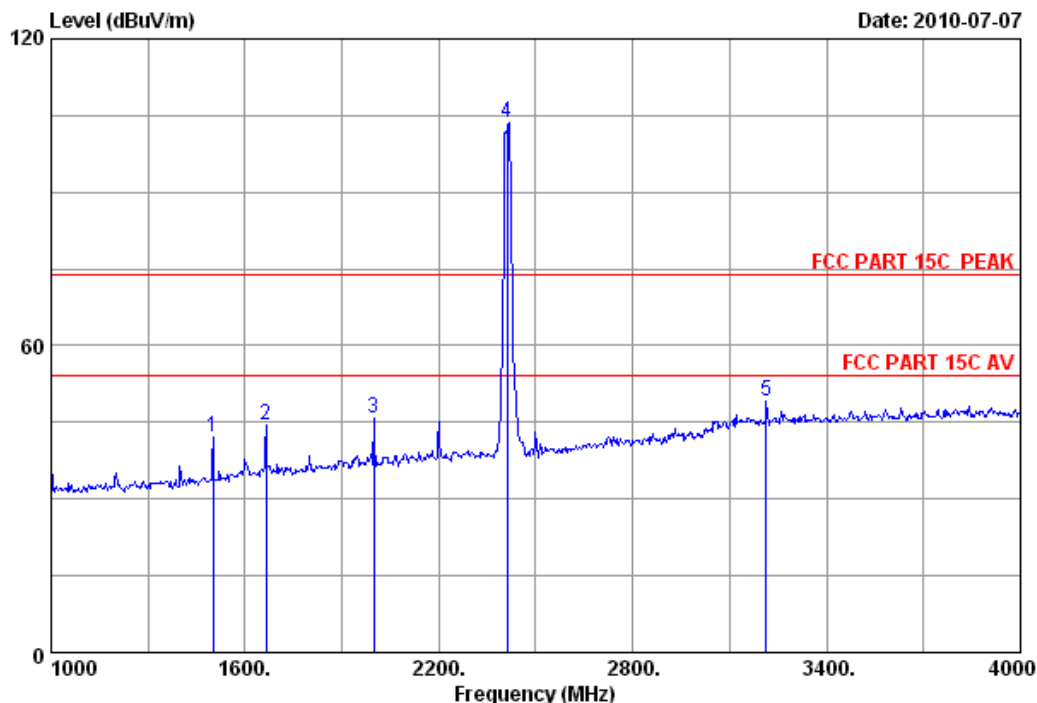
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 38 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 38  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT20 CH1 2412MHz Tx  
M/N : Giada Slim-130

|       | Ant.     | Cable | Amp.   |         |          | Emission |        |        |      |
|-------|----------|-------|--------|---------|----------|----------|--------|--------|------|
| Freq. | Factor   | loss  | Factor | Reading | Level    | Limits   | Margin | Remark |      |
| (MHz) | (dB/m)   | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |      |
| 1     | 1501.000 | 26.40 | 5.73   | 37.00   | 46.86    | 41.99    | 74.00  | 32.01  | Peak |
| 2     | 1666.000 | 27.33 | 6.03   | 36.91   | 48.03    | 44.48    | 74.00  | 29.52  | Peak |
| 3     | 1999.000 | 29.20 | 6.63   | 36.70   | 46.60    | 45.73    | 74.00  | 28.27  | Peak |
| 4     | 2412.000 | 29.45 | 7.43   | 36.62   | 103.40   | 103.66   | 74.00  | -29.66 | Peak |
| 5     | 3214.000 | 32.54 | 8.79   | 36.28   | 43.93    | 48.98    | 74.00  | 25.02  | Peak |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

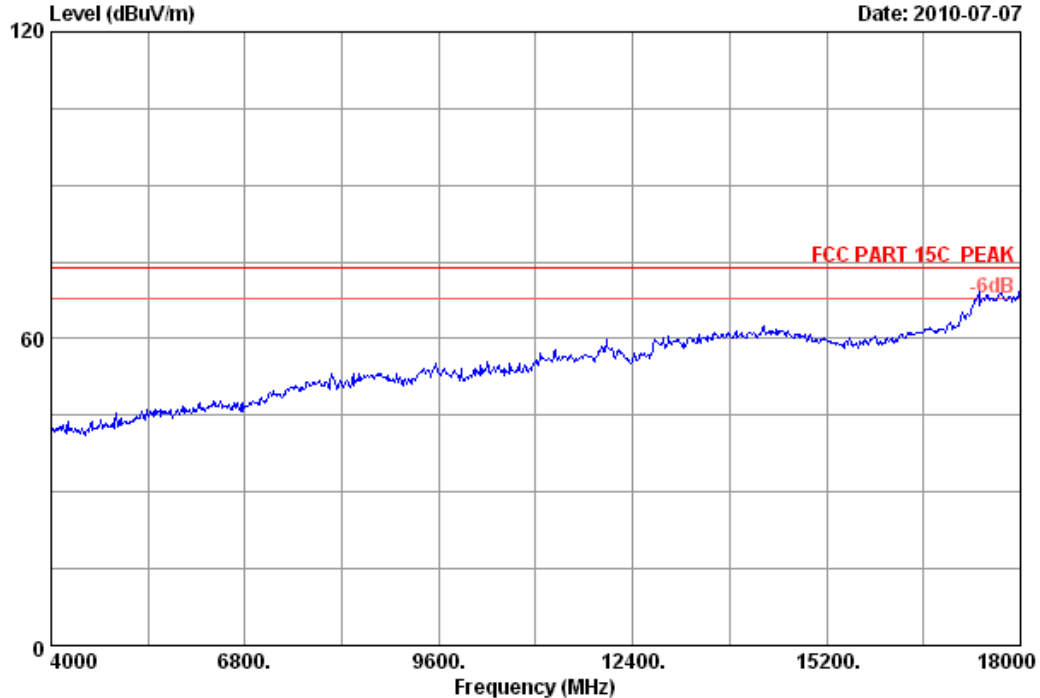


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 39

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07

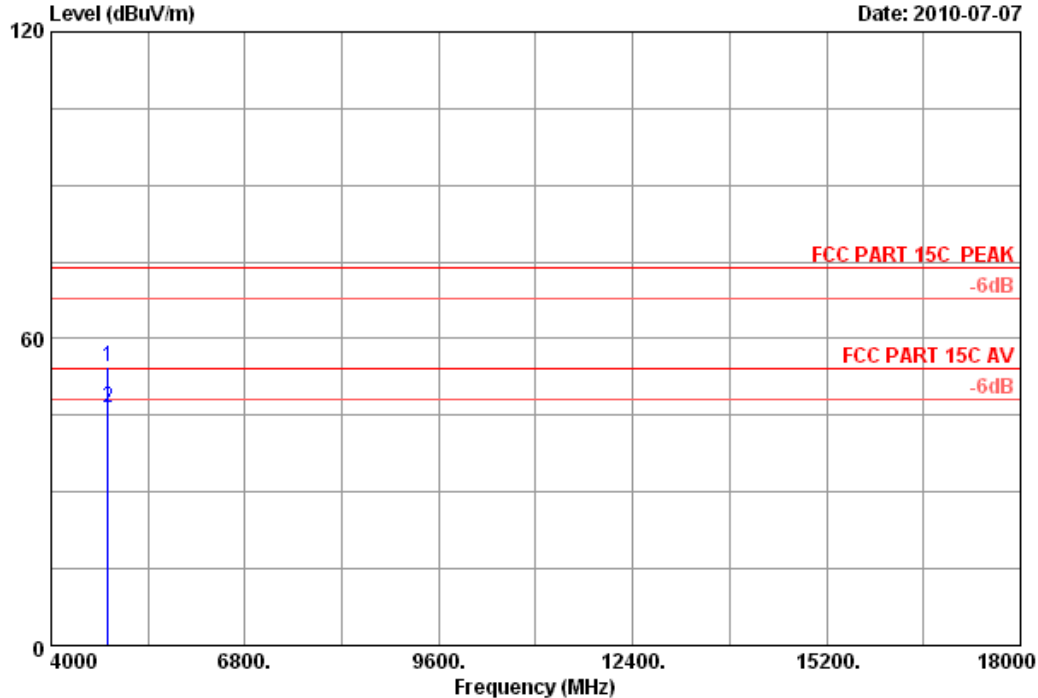


|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 39         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT20 CH1 2412MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 40 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 40  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT20 CH1 2412MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4824.000       | 34.32                    | 10.64                 | 35.08                  | 44.64             | 54.52             | 74.00              | 19.48          | Peak    |
| 2 | 4824.000       | 34.32                    | 10.64                 | 35.08                  | 36.43             | 46.31             | 54.00              | 7.69           | Average |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

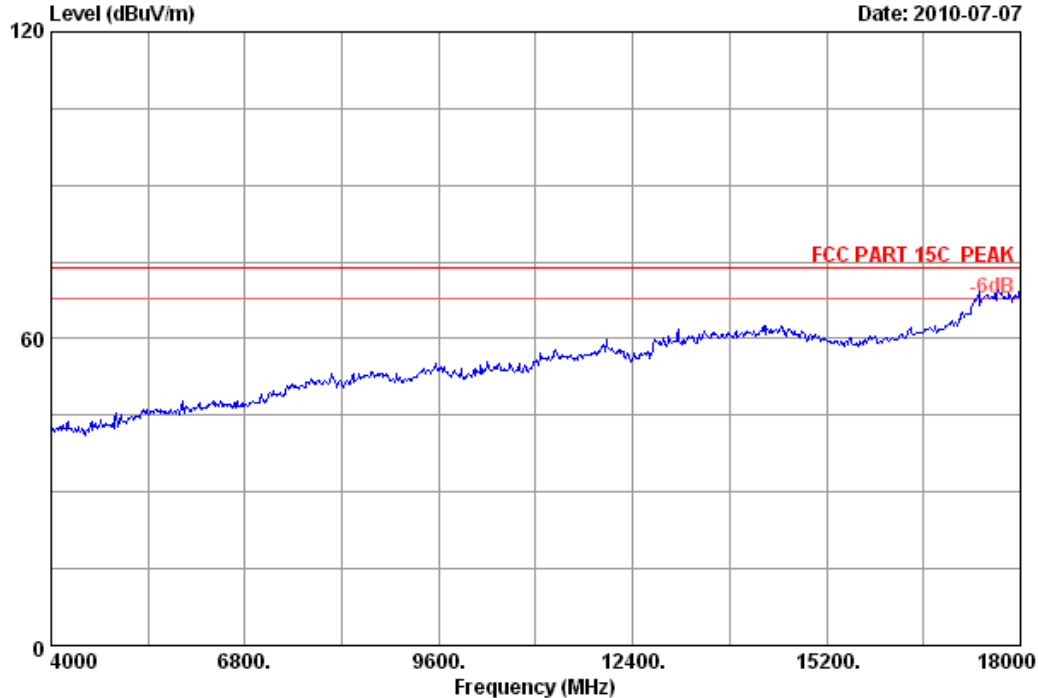


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 41

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07

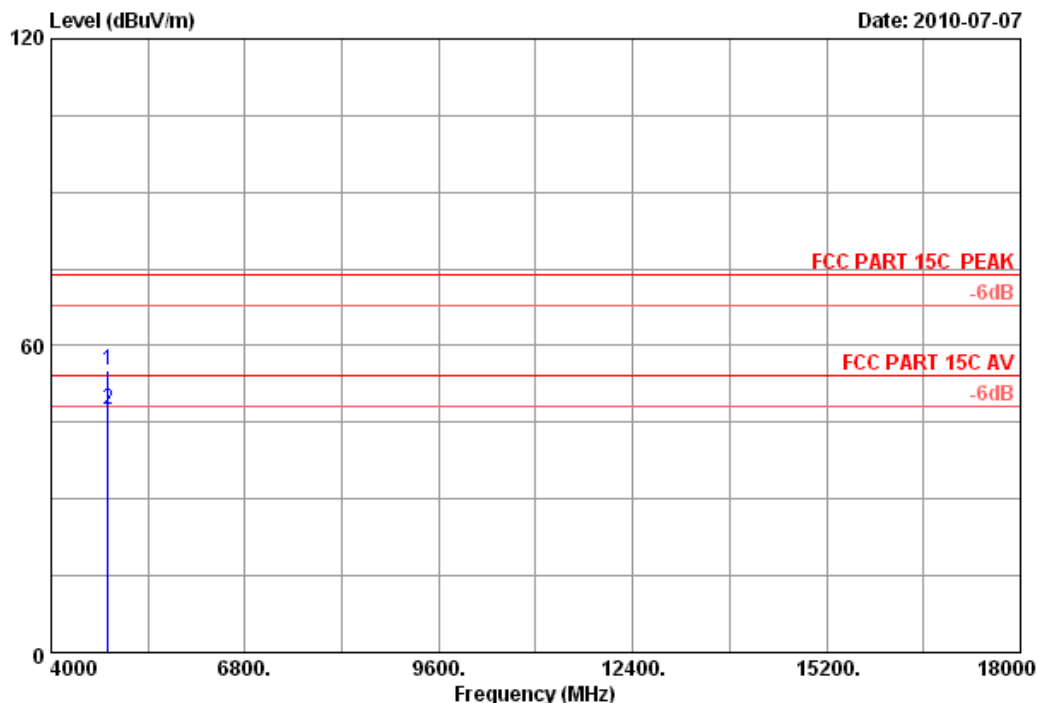


|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 41       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT20 CH1 2412MHz Tx        |           |            |
| M/N         | : Giada Slim-130                         |           |            |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 42 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 42       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT20 CH1 2412MHz Tx        |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |         |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1 | 4824.000       | 34.32                    | 10.64                 | 35.08                  | 45.27             | 55.15             | 74.00              | 18.85          | Peak    |
| 2 | 4824.000       | 34.32                    | 10.64                 | 35.08                  | 37.44             | 47.32             | 54.00              | 6.68           | Average |

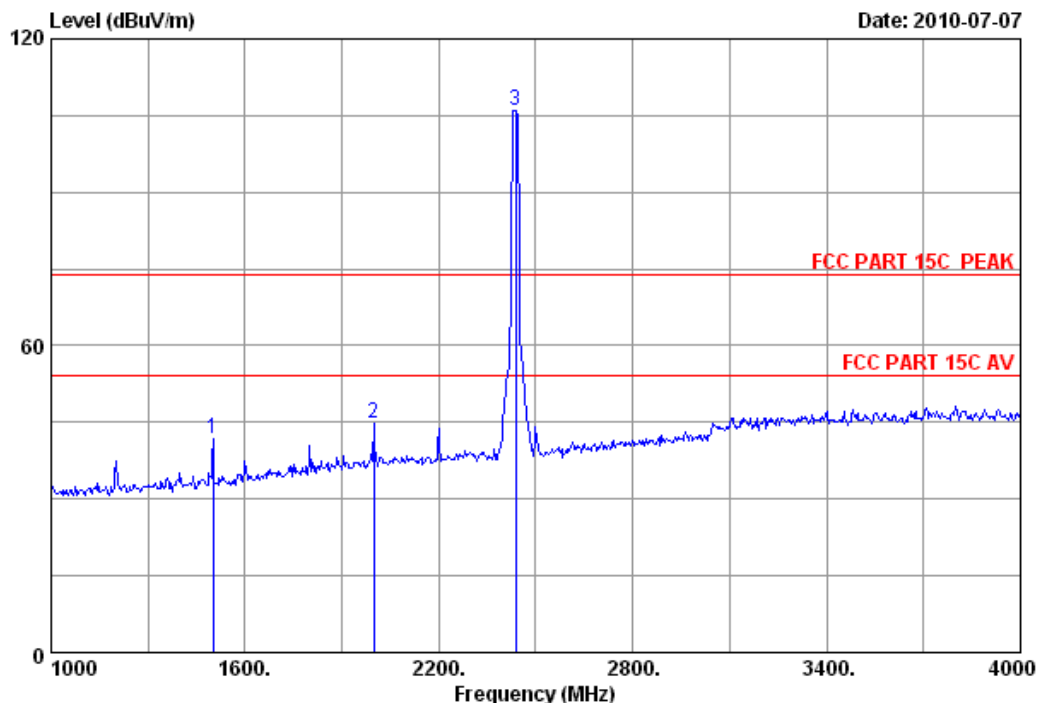
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 43 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 43       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT20 CH6 2437MHz Tx        |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.    | Ant.   | Cable | Amp.   |         | Emission |          |        |        |
|---|----------|--------|-------|--------|---------|----------|----------|--------|--------|
|   | (MHz)    | Factor | loss  | Factor | Reading | Level    | Limits   | Margin | Remark |
|   |          | (dB/m) | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 1501.000 | 26.40  | 5.73  | 37.00  | 46.71   | 41.84    | 74.00    | 32.16  | Peak   |
| 2 | 1999.000 | 29.20  | 6.63  | 36.70  | 45.49   | 44.62    | 74.00    | 29.38  | Peak   |
| 3 | 2437.000 | 29.47  | 7.46  | 36.61  | 105.74  | 106.06   | 74.00    | -32.06 | Peak   |

Remarks:

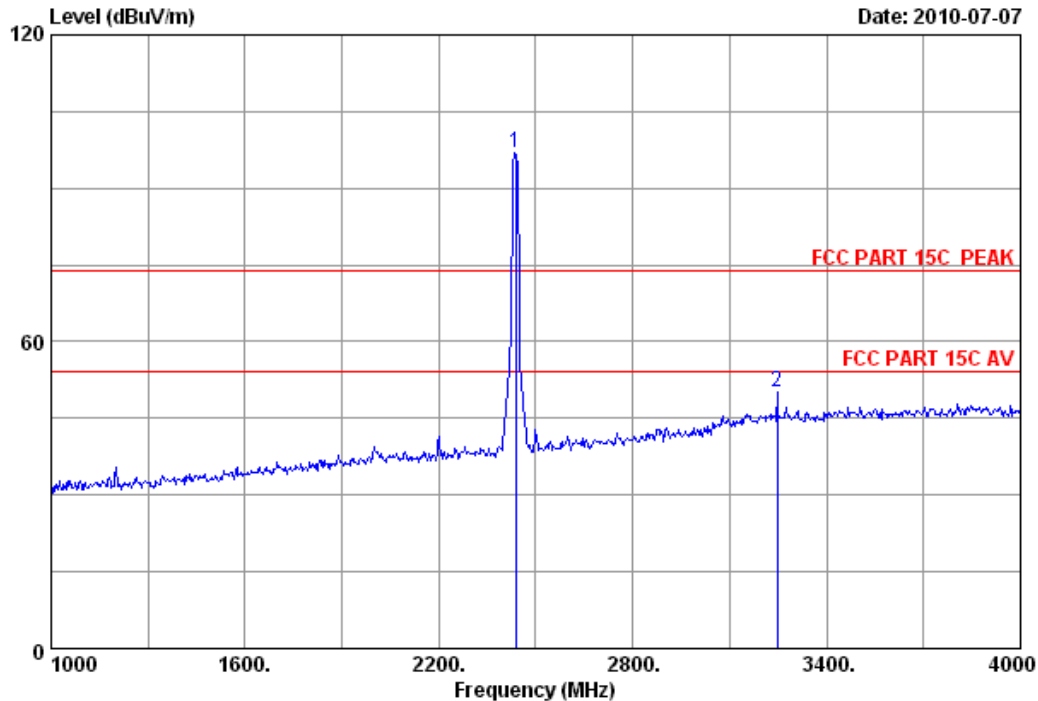
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.





No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 44 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 44         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT20 CH6 2437MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2437.000       | 29.47                    | 7.46                  | 36.61                  | 96.63             | 96.95             | 74.00              | -22.95         | Peak   |
| 2 | 3247.000       | 32.63                    | 8.83                  | 36.25                  | 45.03             | 50.24             | 74.00              | 23.76          | Peak   |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

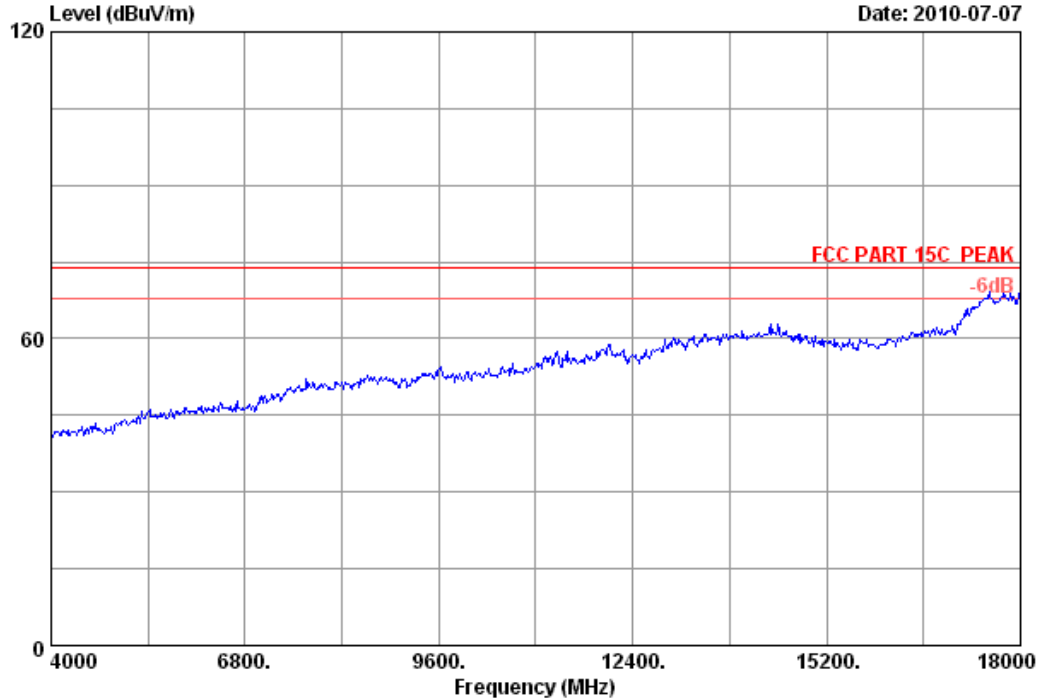


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 45

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07

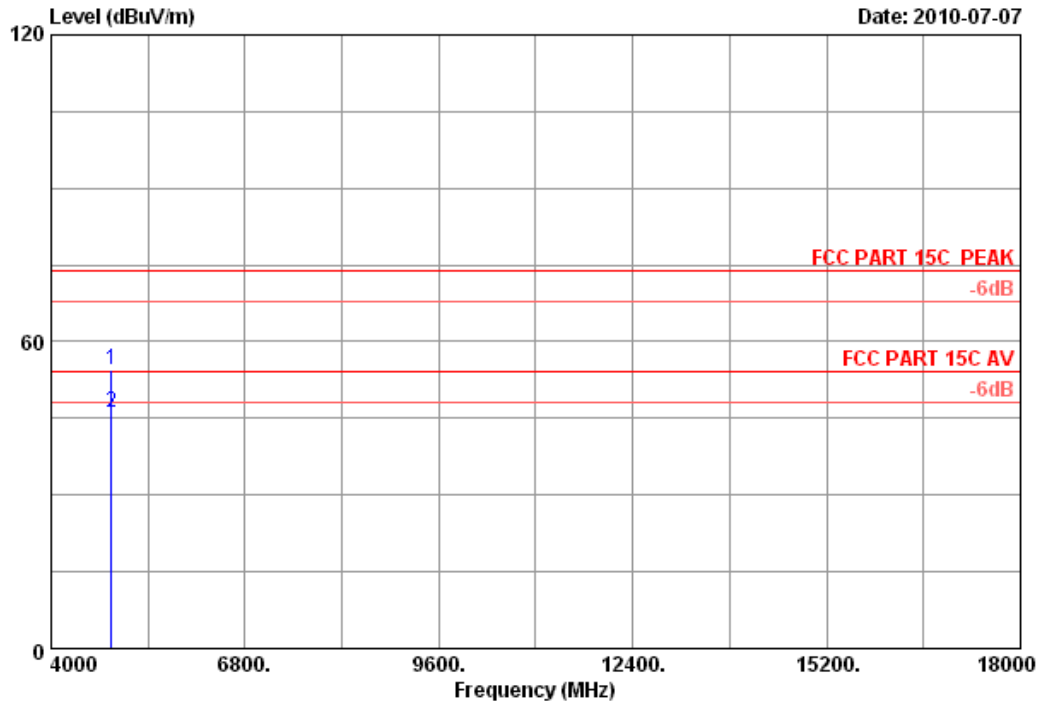


|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 45         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT20 CH6 2437MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 46 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 46         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT20 CH6 2437MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 44.32             | 54.39             | 74.00              | 19.61          | Peak    |
| 2 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 36.15             | 46.22             | 54.00              | 7.78           | Average |

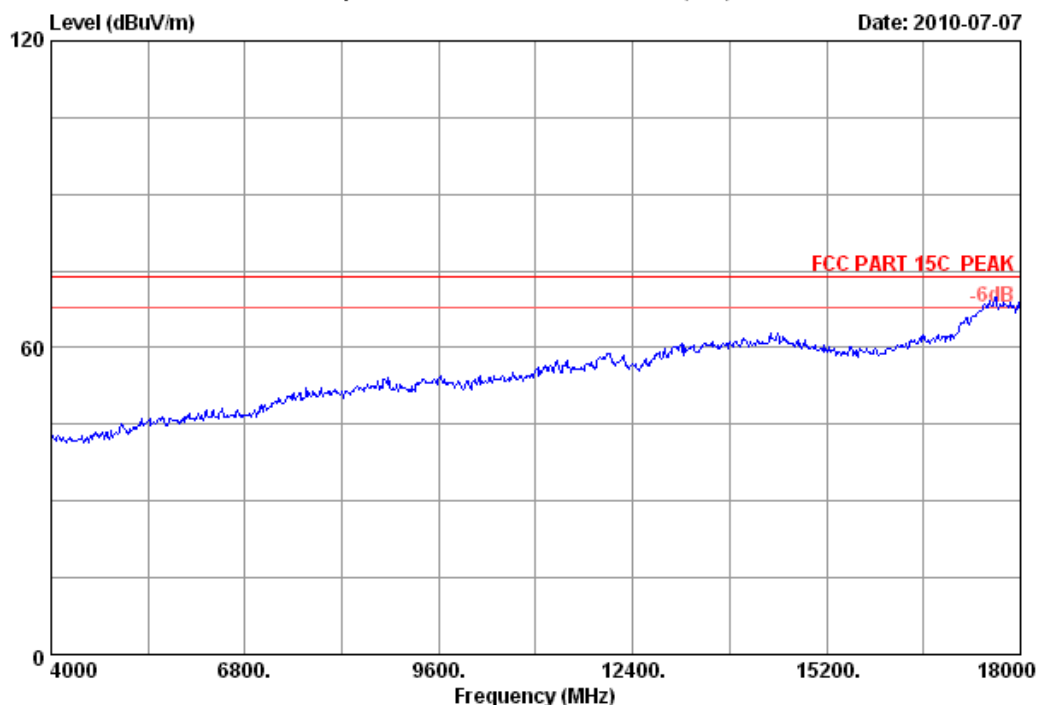
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 47 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

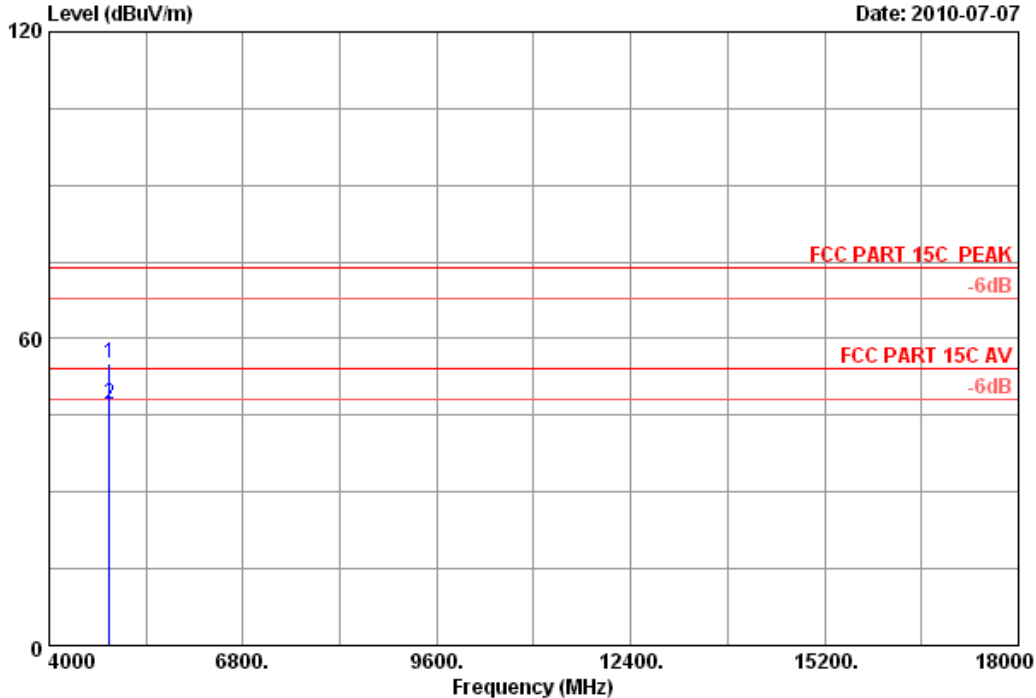


|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 47       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT20 CH6 2437MHz Tx        |           |            |
| M/N         | : Giada Slim-130                         |           |            |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 48 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 48  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT20 CH6 2437MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 45.01             | 55.08             | 74.00              | 18.92          | Peak    |
| 2 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 37.13             | 47.20             | 54.00              | 6.80           | Average |

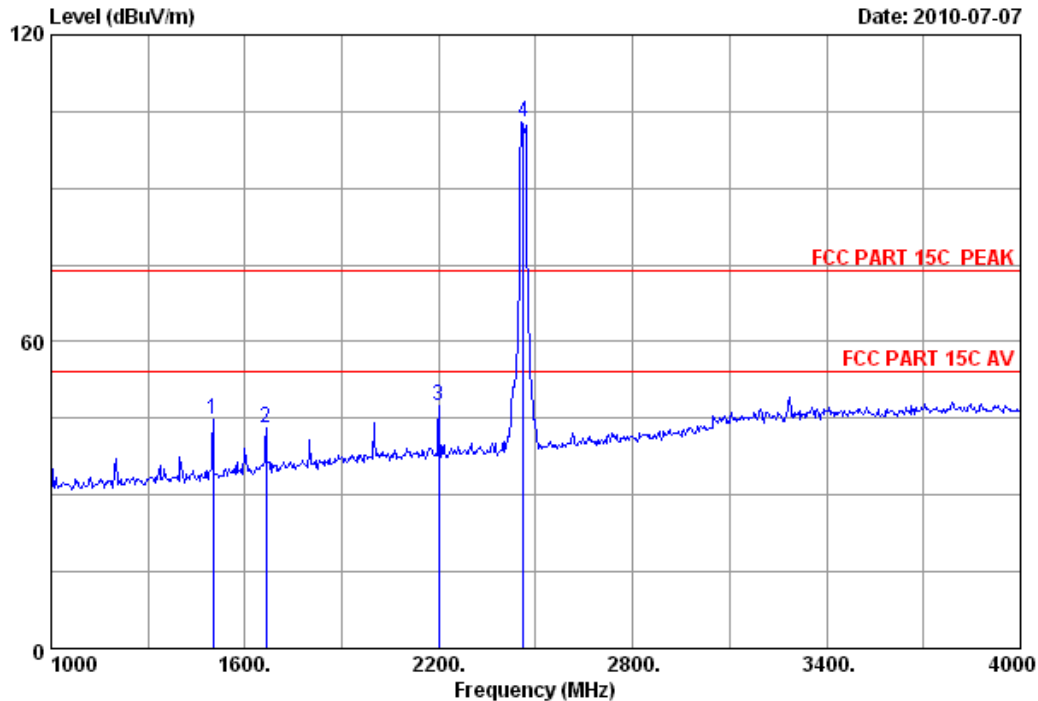
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 49 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 49       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT20 CH11 2462MHz Tx       |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 1501.000       | 26.40                    | 5.73                  | 37.00                  | 49.51             | 44.64                         | 74.00              | 29.36          | Peak   |
| 2 | 1666.000       | 27.33                    | 6.03                  | 36.91                  | 46.67             | 43.12                         | 74.00              | 30.88          | Peak   |
| 3 | 2200.000       | 29.32                    | 7.05                  | 36.66                  | 47.87             | 47.58                         | 74.00              | 26.42          | Peak   |
| 4 | 2462.000       | 29.48                    | 7.54                  | 36.61                  | 102.52            | 102.93                        | 74.00              | -28.93         | Peak   |

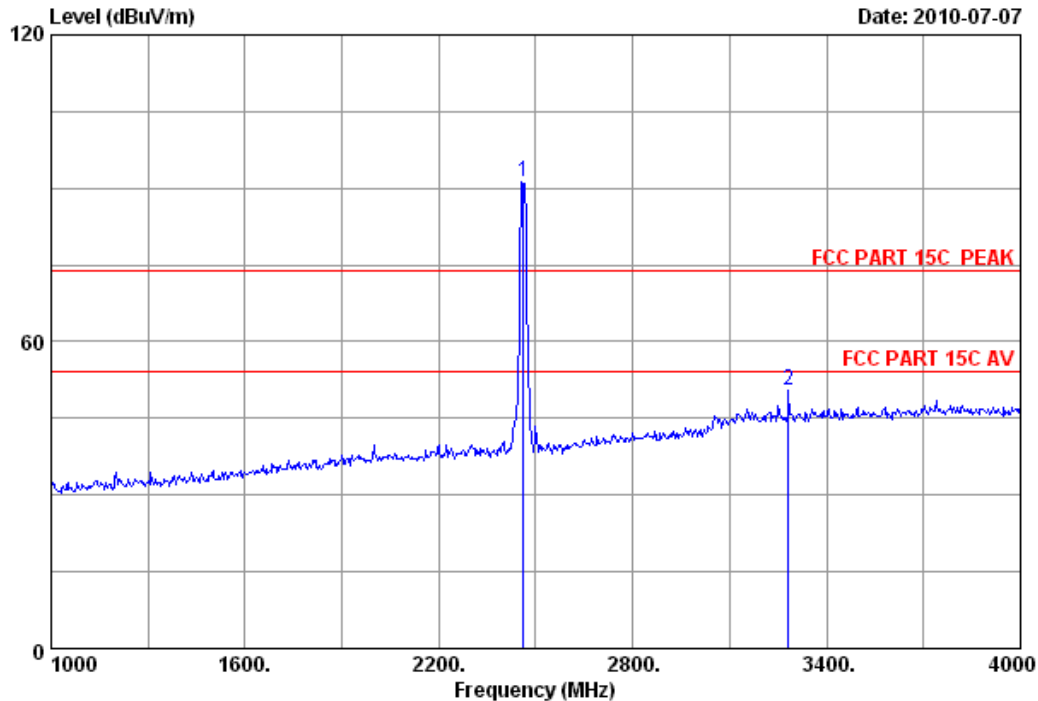
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 50 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 50         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT20 CH11 2462MHz Tx       |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2462.000       | 29.48                    | 7.54                  | 36.61                  | 90.84             | 91.25             | 74.00              | -17.25         | Peak   |
| 2 | 3283.000       | 32.72                    | 8.88                  | 36.20                  | 45.21             | 50.61             | 74.00              | 23.39          | Peak   |

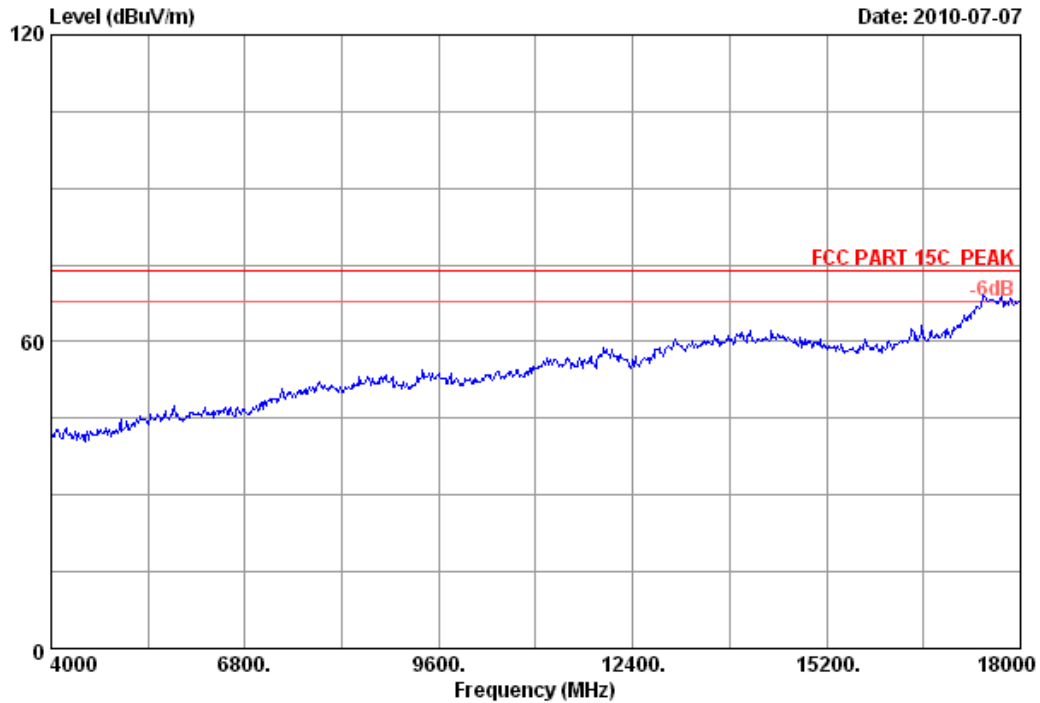
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 51 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



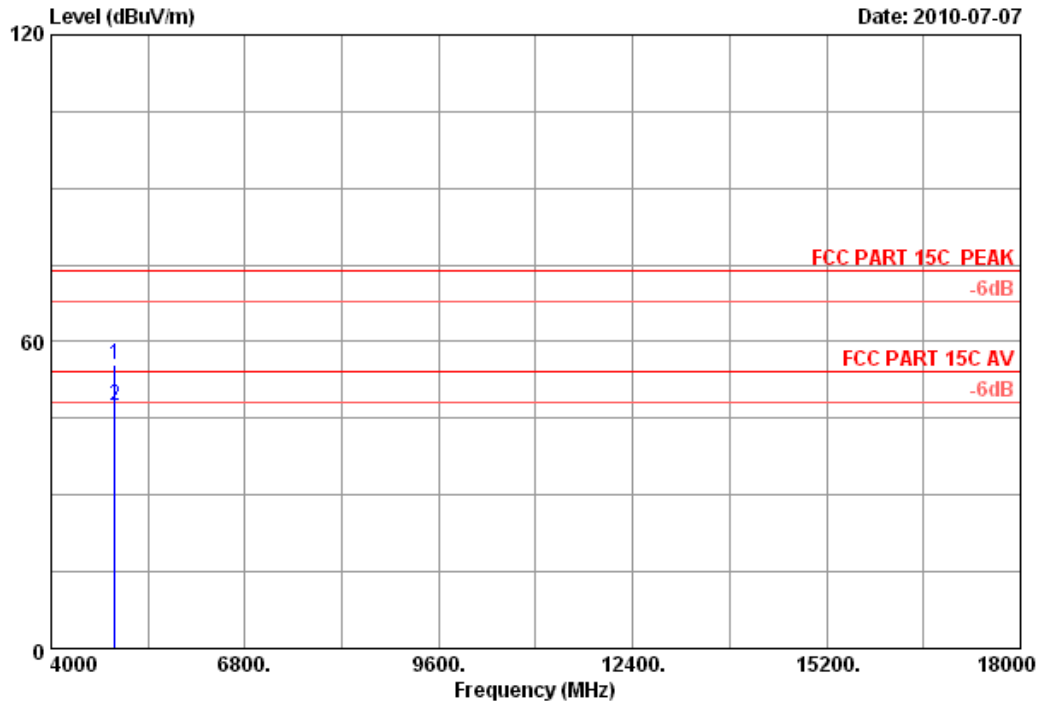
|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 51       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT20 CH11 2462MHz Tx       |           |            |
| M/N         | : Giada Slim-130                         |           |            |





No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 52 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 52       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT20 CH11 2462MHz Tx       |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4924.000       | 34.49                    | 10.76                 | 34.98                  | 45.24             | 55.51             | 74.00              | 18.49          | Peak    |
| 2 | 4924.000       | 34.49                    | 10.76                 | 34.98                  | 37.28             | 47.55             | 54.00              | 6.45           | Average |

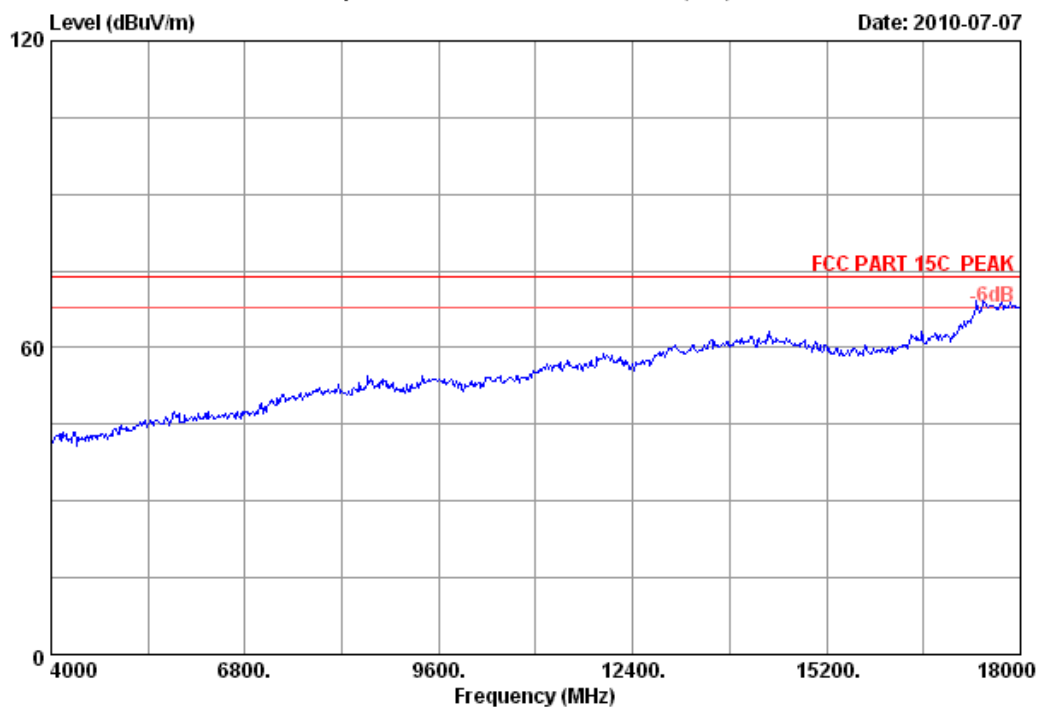
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 53 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

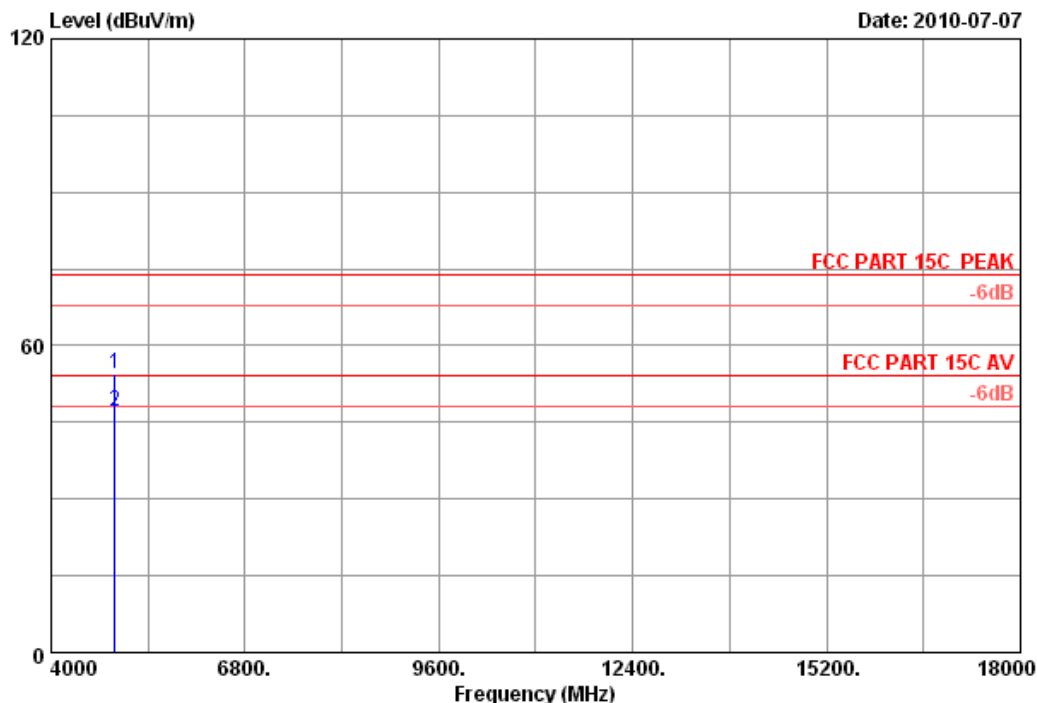


|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 53         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT20 CH11 2462MHz Tx       |           |              |
| M/N         | : Giada Slim-130                         |           |              |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 54 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 54  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT20 CH11 2462MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4924.000       | 34.49                    | 10.76                 | 34.98                  | 44.35             | 54.62             | 74.00              | 19.38          | Peak    |
| 2 | 4924.000       | 34.49                    | 10.76                 | 34.98                  | 36.75             | 47.02             | 54.00              | 6.98           | Average |

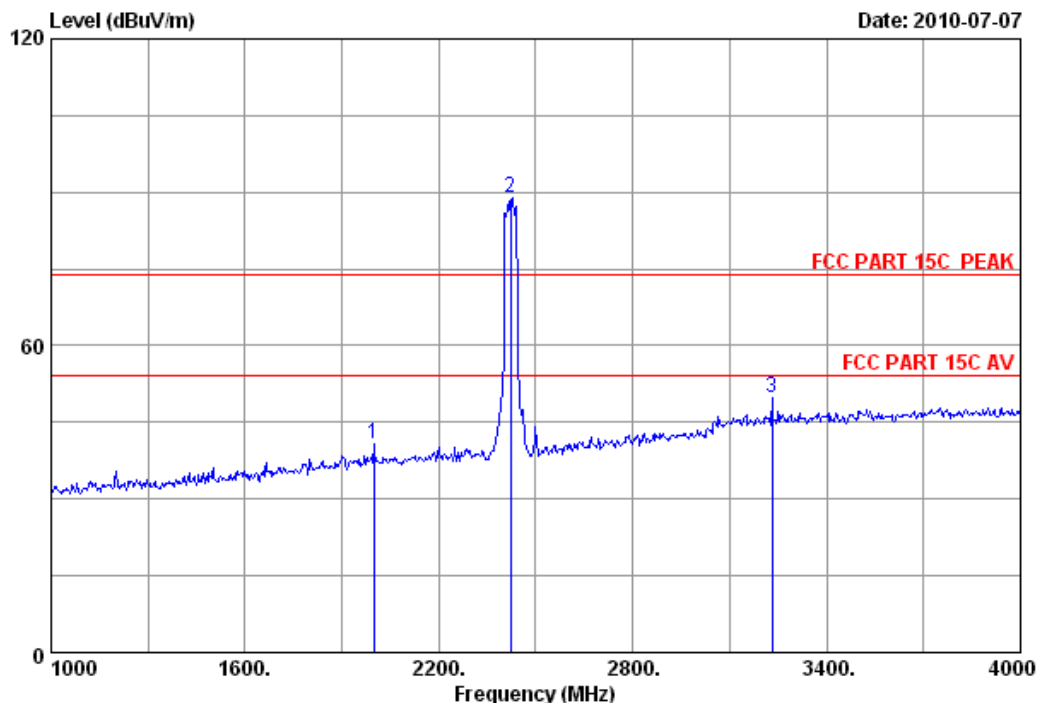
Remarks:

- Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
- The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 55 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 55         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT40 CH1 2422MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 1999.000       | 29.20                    | 6.63                  | 36.70                  | 41.76             | 40.89             | 74.00              | 33.11          | Peak   |
| 2 | 2422.000       | 29.46                    | 7.46                  | 36.61                  | 88.71             | 89.02             | 74.00              | -15.02         | Peak   |
| 3 | 3232.000       | 32.58                    | 8.81                  | 36.25                  | 44.72             | 49.86             | 74.00              | 24.14          | Peak   |

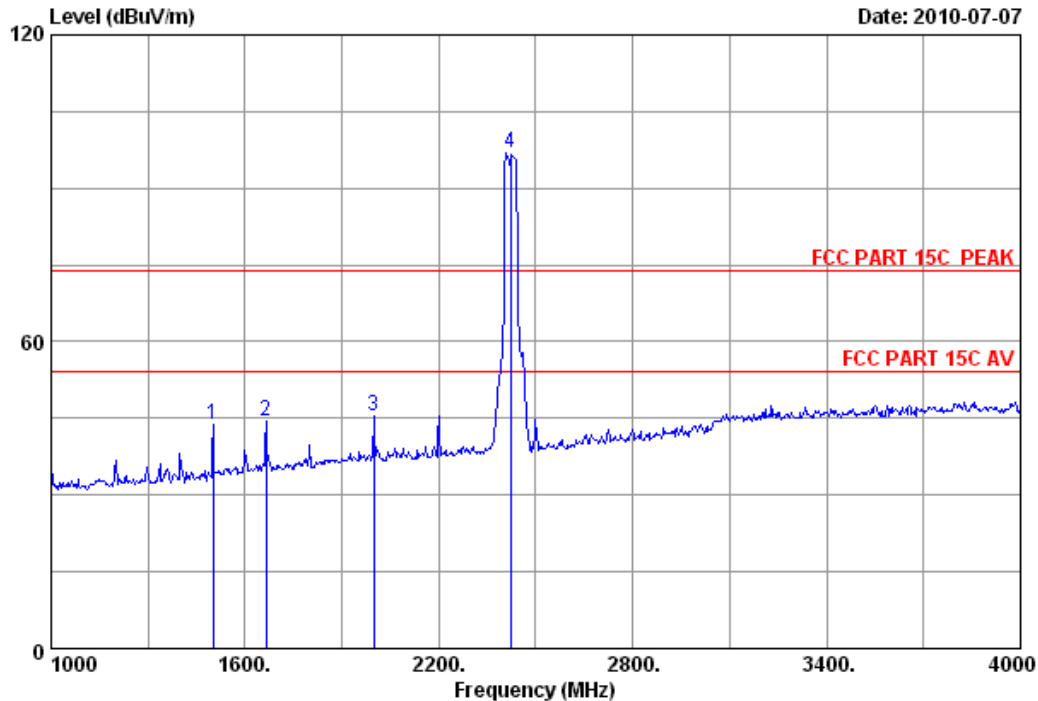
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 56 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 56       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT40 CH1 2422MHz Tx        |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   |          | Ant.   | Cable | Amp.   |         | Emission |          |        |        |
|---|----------|--------|-------|--------|---------|----------|----------|--------|--------|
|   | Freq.    | Factor | loss  | Factor | Reading | Level    | Limits   | Margin | Remark |
|   | (MHz)    | (dB/m) | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 1501.000 | 26.40  | 5.73  | 37.00  | 48.72   | 43.85    | 74.00    | 30.15  | Peak   |
| 2 | 1666.000 | 27.33  | 6.03  | 36.91  | 48.12   | 44.57    | 74.00    | 29.43  | Peak   |
| 3 | 1999.000 | 29.20  | 6.63  | 36.70  | 46.40   | 45.53    | 74.00    | 28.47  | Peak   |
| 4 | 2422.000 | 29.46  | 7.46  | 36.61  | 96.69   | 97.00    | 74.00    | -23.00 | Peak   |

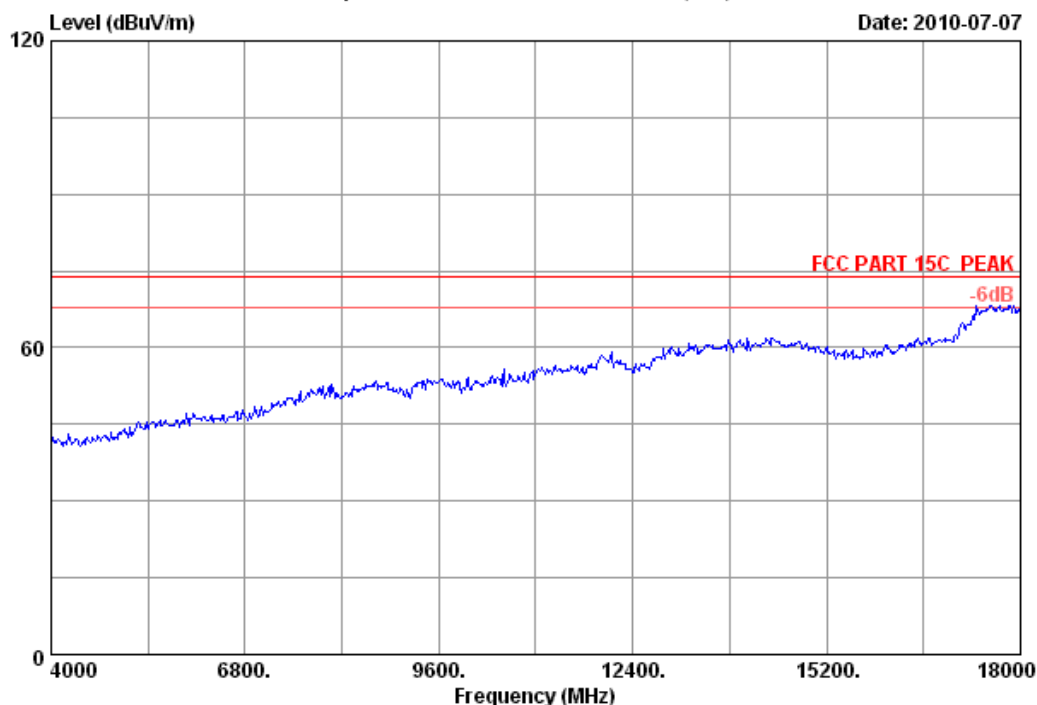
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 57 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

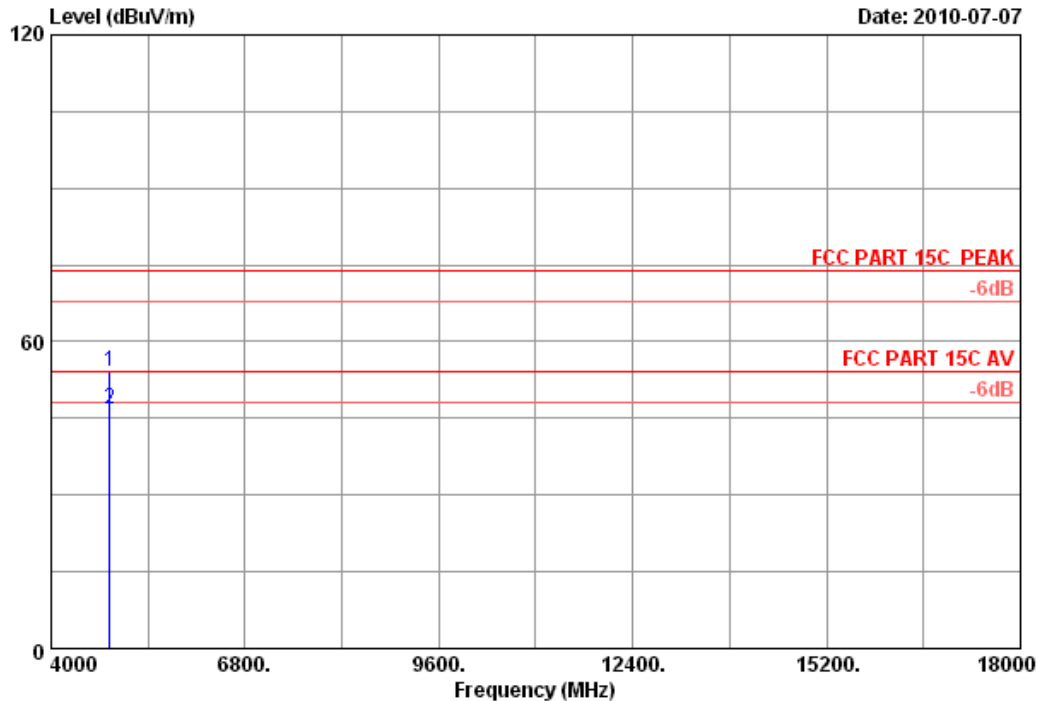


|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 57         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT40 CH1 2422MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 58 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 58         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT40 CH1 2422MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4844.000       | 34.35                    | 10.67                 | 35.05                  | 44.25             | 54.22             | 74.00              | 19.78          | Peak    |
| 2 | 4844.000       | 34.35                    | 10.67                 | 35.05                  | 36.75             | 46.72             | 54.00              | 7.28           | Average |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

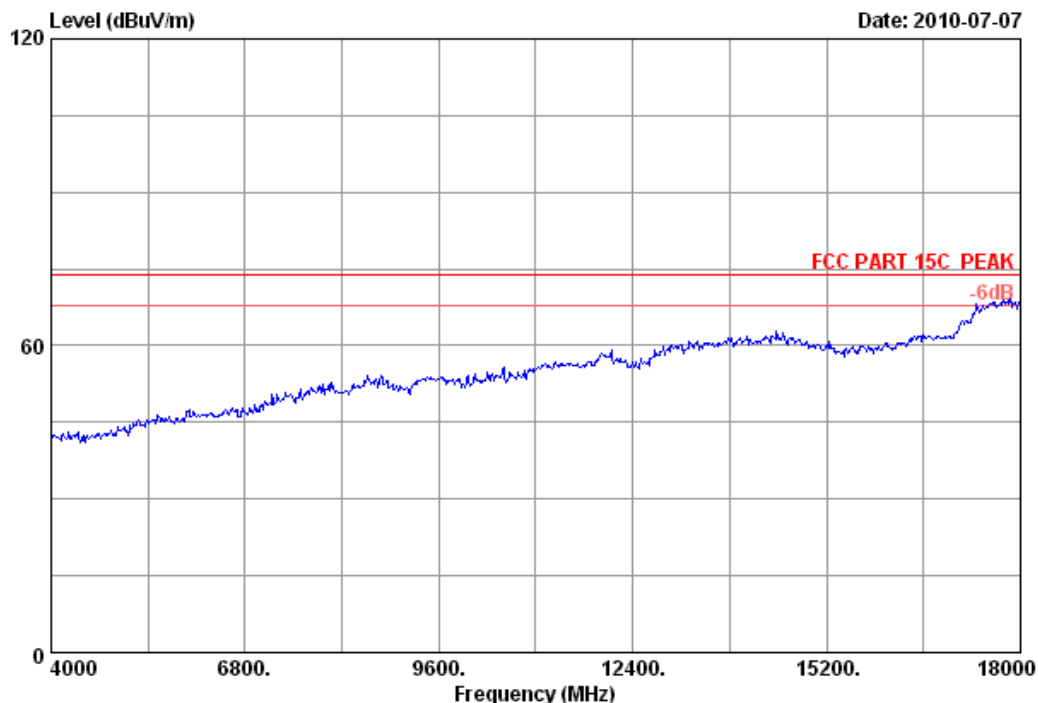


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 59

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



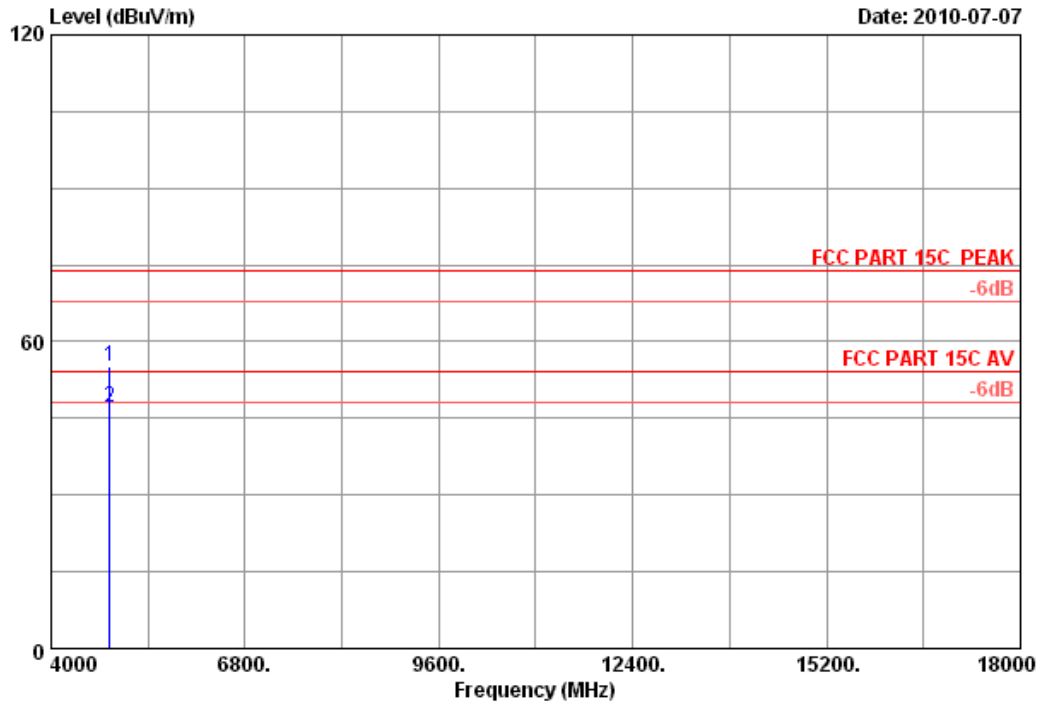
|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 59       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT40 CH1 2422MHz Tx        |           |            |
| M/N         | : Giada Slim-130                         |           |            |





No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 60 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 60       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT40 CH1 2422MHz Tx        |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4844.000       | 34.35                    | 10.67                 | 35.05                  | 45.12             | 55.09             | 74.00              | 18.91          | Peak    |
| 2 | 4844.000       | 34.35                    | 10.67                 | 35.05                  | 37.05             | 47.02             | 54.00              | 6.98           | Average |

Remarks:

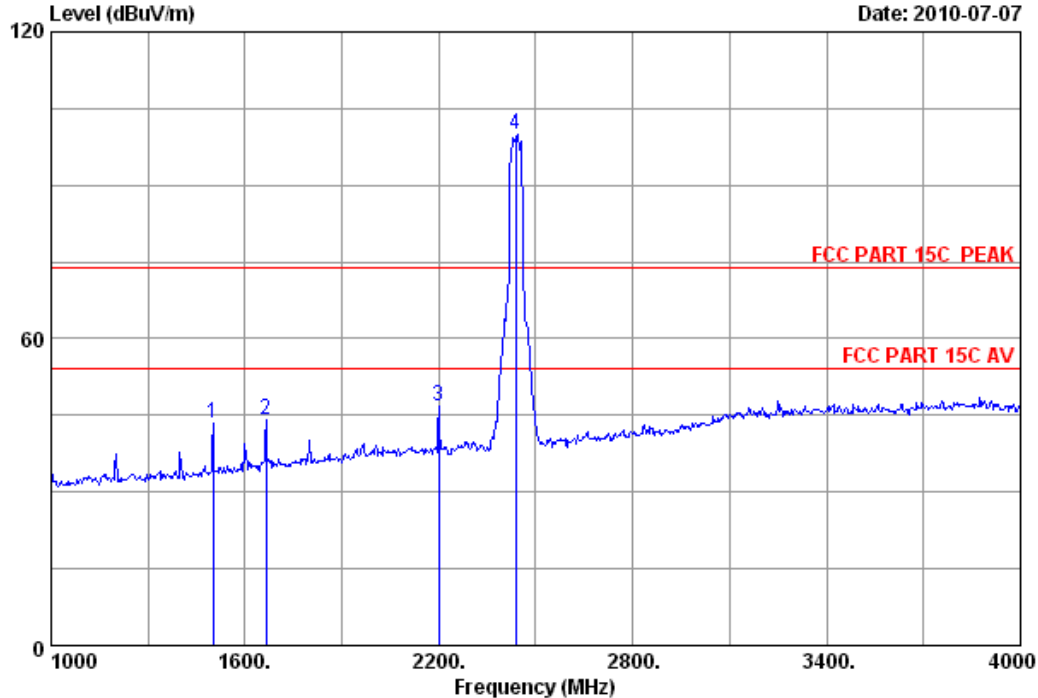
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 61 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



Site no. : 10m Chamber Data no. : 61  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT40 CH4 2437MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 1501.000       | 26.40                    | 5.73                  | 37.00                  | 48.36             | 43.49                         | 74.00              | 30.51          | Peak   |
| 2 | 1666.000       | 27.33                    | 6.03                  | 36.91                  | 47.70             | 44.15                         | 74.00              | 29.85          | Peak   |
| 3 | 2200.000       | 29.32                    | 7.05                  | 36.66                  | 46.93             | 46.64                         | 74.00              | 27.36          | Peak   |
| 4 | 2437.000       | 29.47                    | 7.46                  | 36.61                  | 99.48             | 99.80                         | 74.00              | -25.80         | Peak   |

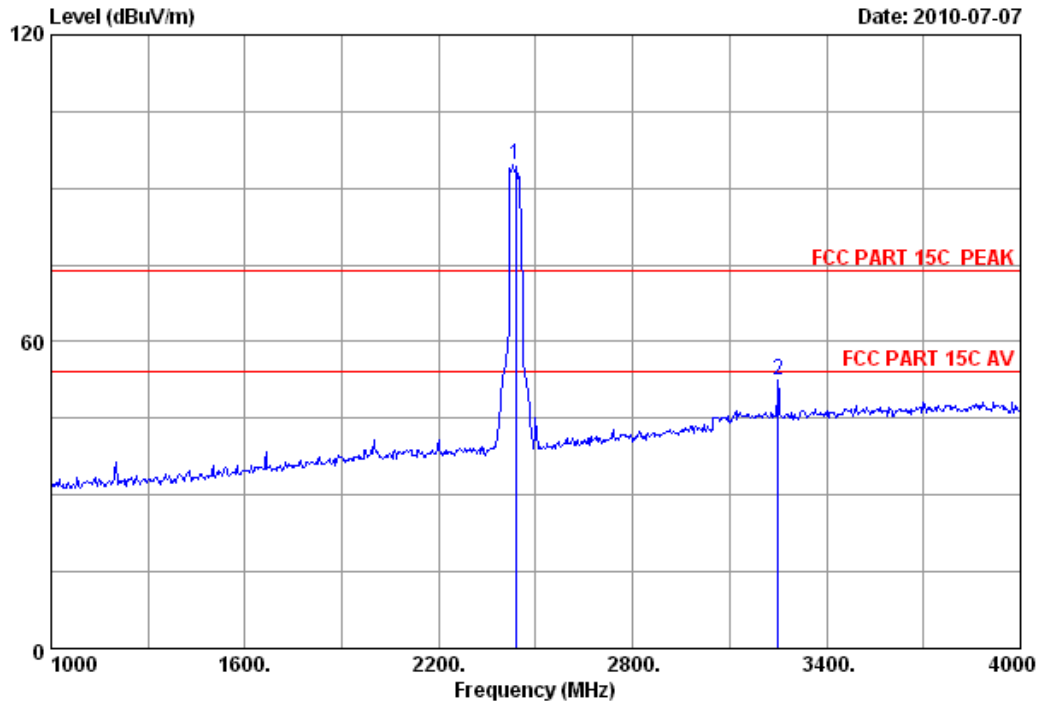
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 62 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 62         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT40 CH4 2437MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2437.000       | 29.47                    | 7.46                  | 36.61                  | 94.33             | 94.65             | 74.00              | -20.65         | Peak   |
| 2 | 3250.000       | 32.63                    | 8.83                  | 36.25                  | 47.30             | 52.51             | 74.00              | 21.49          | Peak   |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

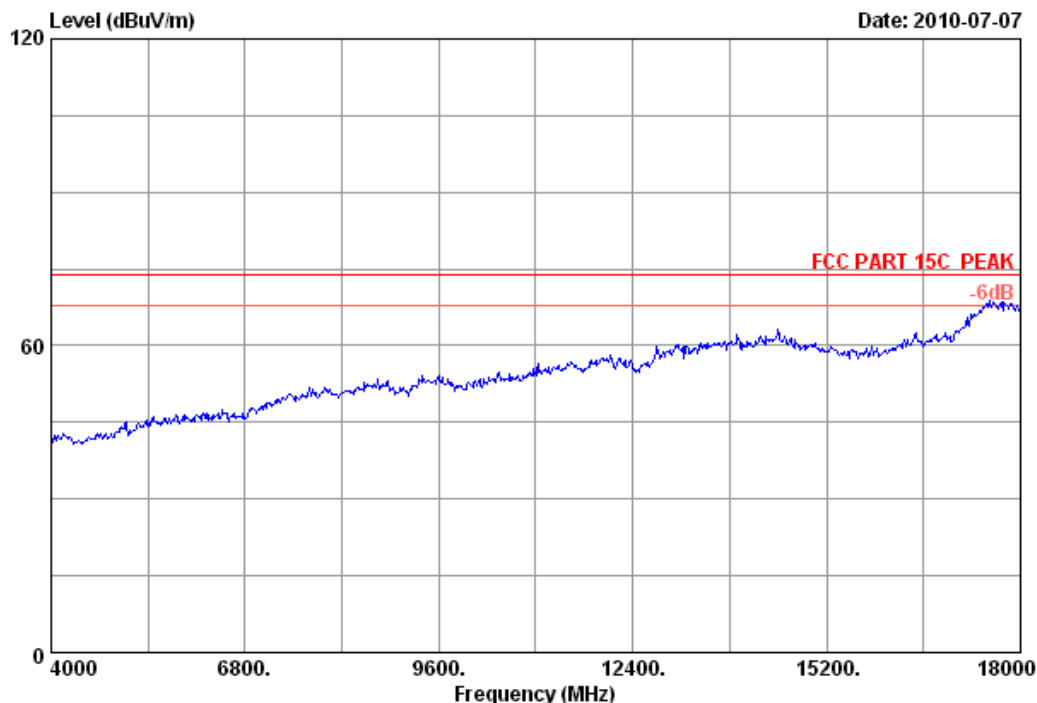


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 63

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07

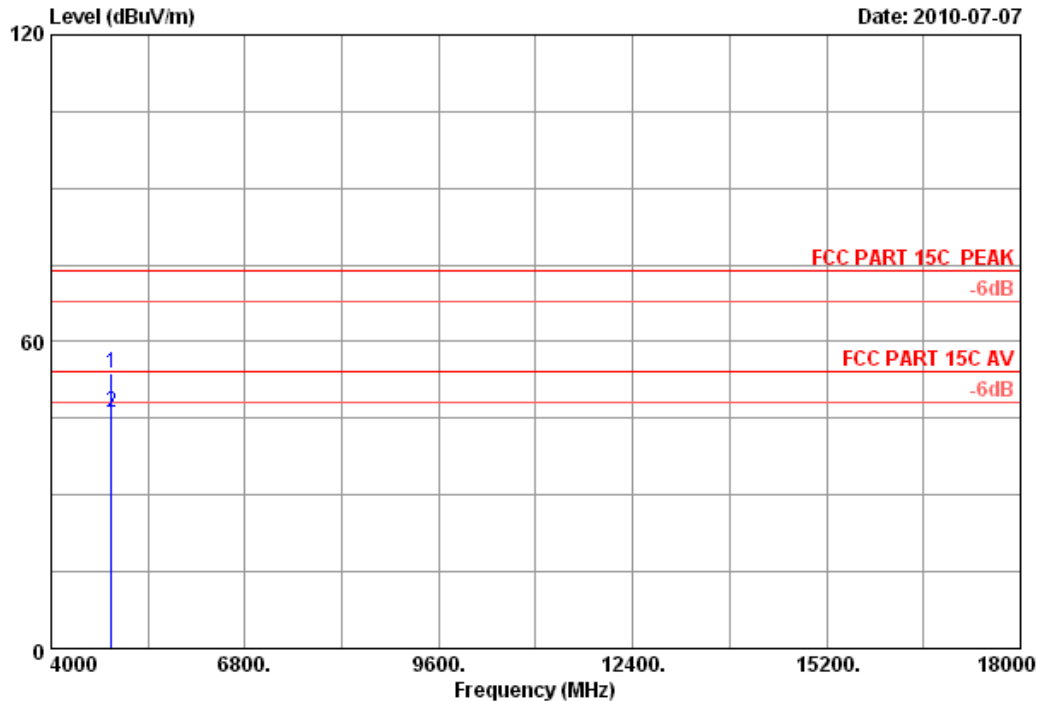


|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 63         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT40 CH4 2437MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 64 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 64         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT40 CH4 2437MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 43.65             | 53.72             | 74.00              | 20.28          | Peak    |
| 2 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 36.05             | 46.12             | 54.00              | 7.88           | Average |

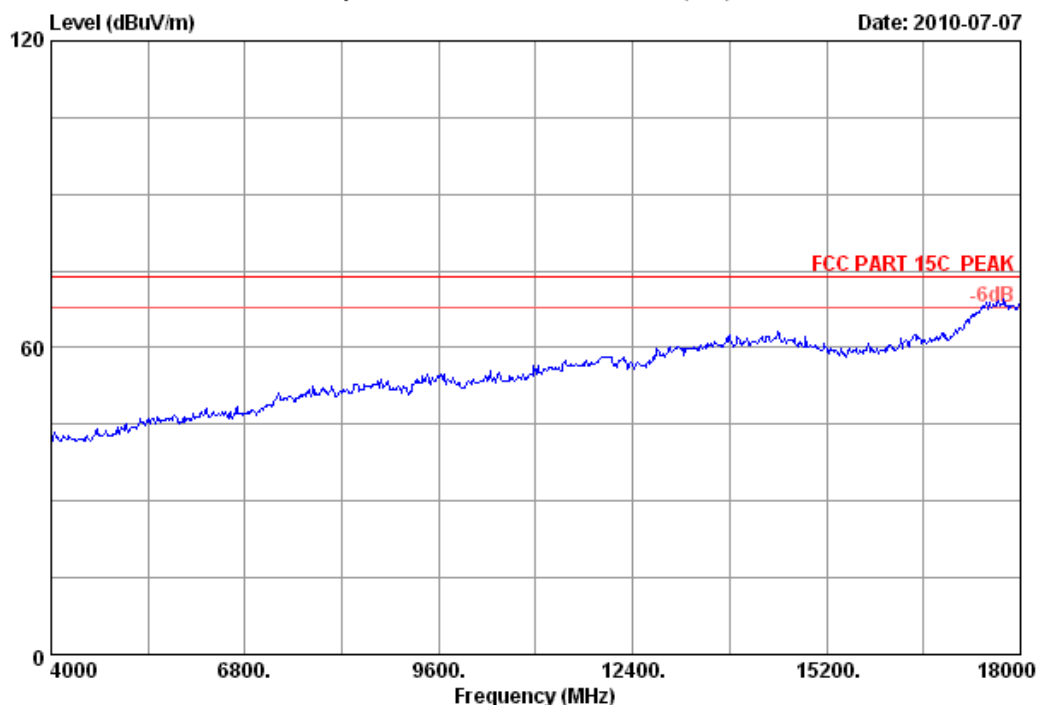
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 65 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

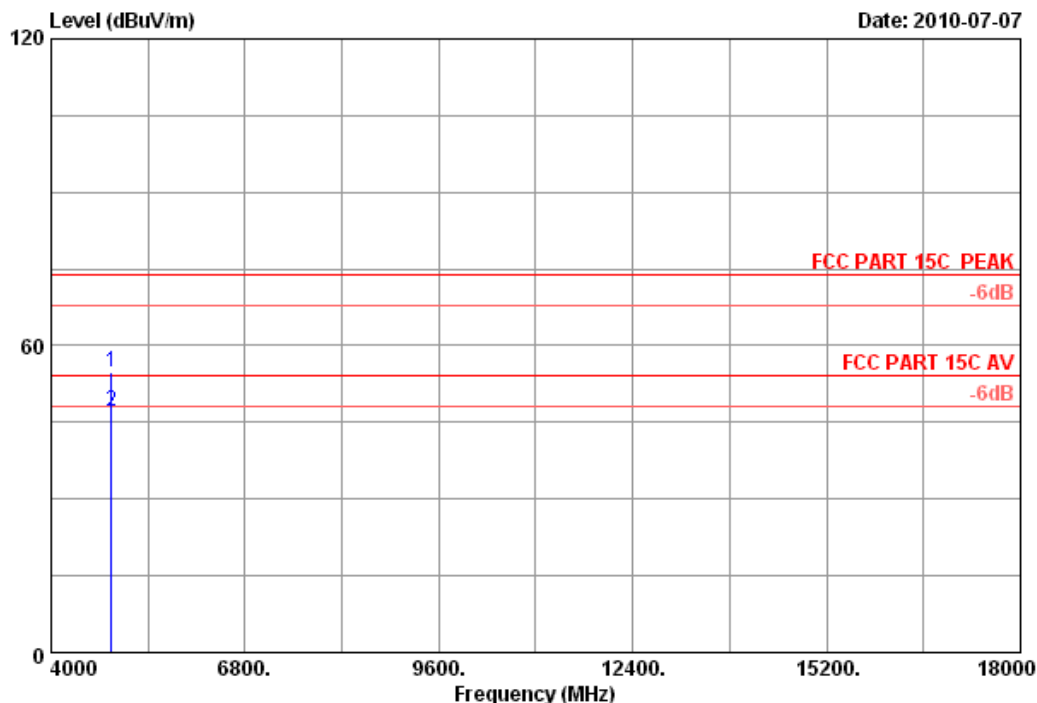


|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 65       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT40 CH4 2437MHz Tx        |           |            |
| M/N         | : Giada Slim-130                         |           |            |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 66 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 66  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT40 CH4 2437MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 44.69             | 54.76             | 74.00              | 19.24          | Peak    |
| 2 | 4874.000       | 34.41                    | 10.69                 | 35.03                  | 37.01             | 47.08             | 54.00              | 6.92           | Average |

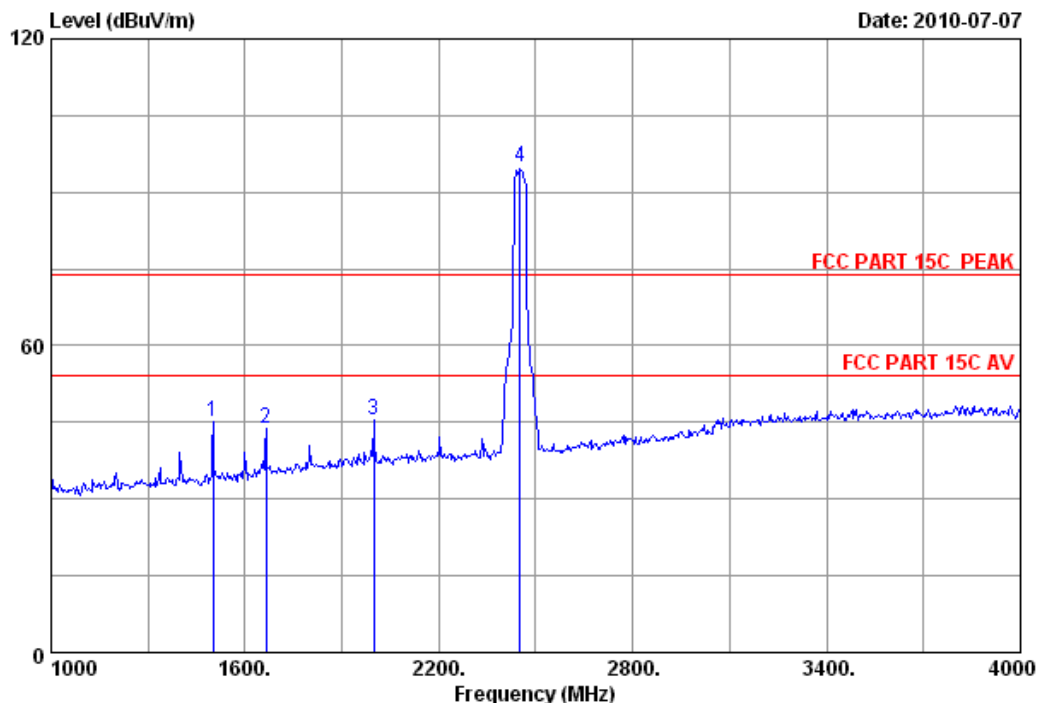
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 67 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 67       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT40 CH7 2452MHz Tx        |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 1501.000       | 26.40                    | 5.73                  | 37.00                  | 50.08             | 45.21                         | 74.00              | 28.79          | Peak   |
| 2 | 1666.000       | 27.33                    | 6.03                  | 36.91                  | 47.44             | 43.89                         | 74.00              | 30.11          | Peak   |
| 3 | 1999.000       | 29.20                    | 6.63                  | 36.70                  | 46.19             | 45.32                         | 74.00              | 28.68          | Peak   |
| 4 | 2452.000       | 29.47                    | 7.50                  | 36.61                  | 94.66             | 95.02                         | 74.00              | -21.02         | Peak   |

Remarks:

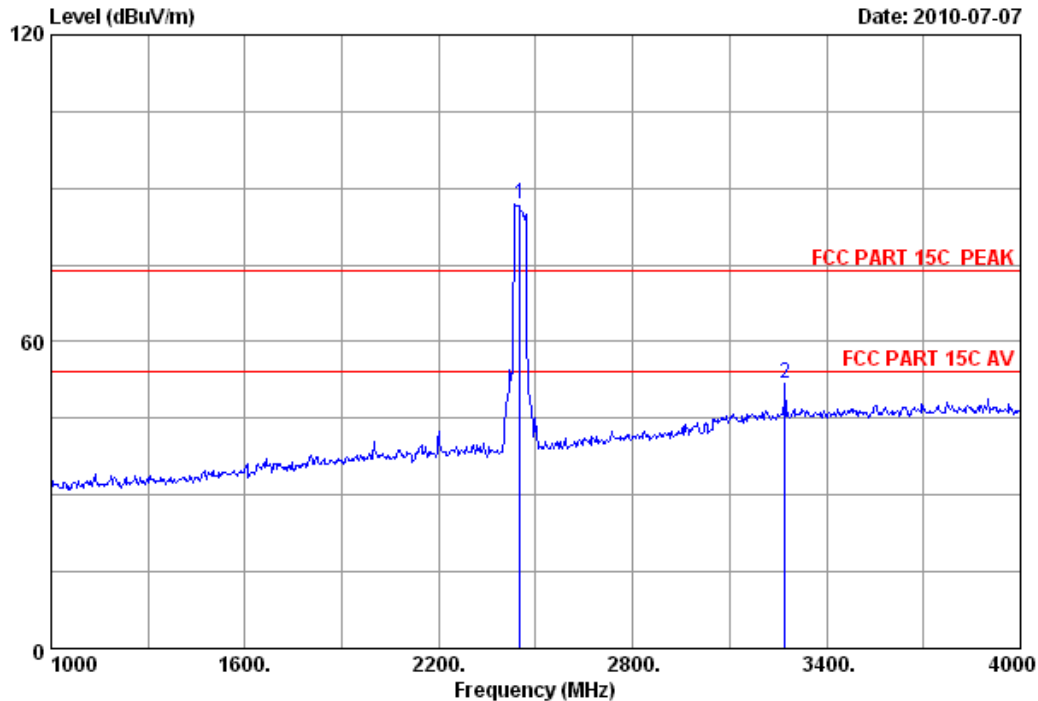
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.





No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 68 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 68         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT40 CH7 2452MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2452.000       | 29.47                    | 7.50                  | 36.61                  | 86.47             | 86.83             | 74.00              | -12.83         | Peak   |
| 2 | 3271.000       | 32.72                    | 8.86                  | 36.22                  | 46.55             | 51.91             | 74.00              | 22.09          | Peak   |

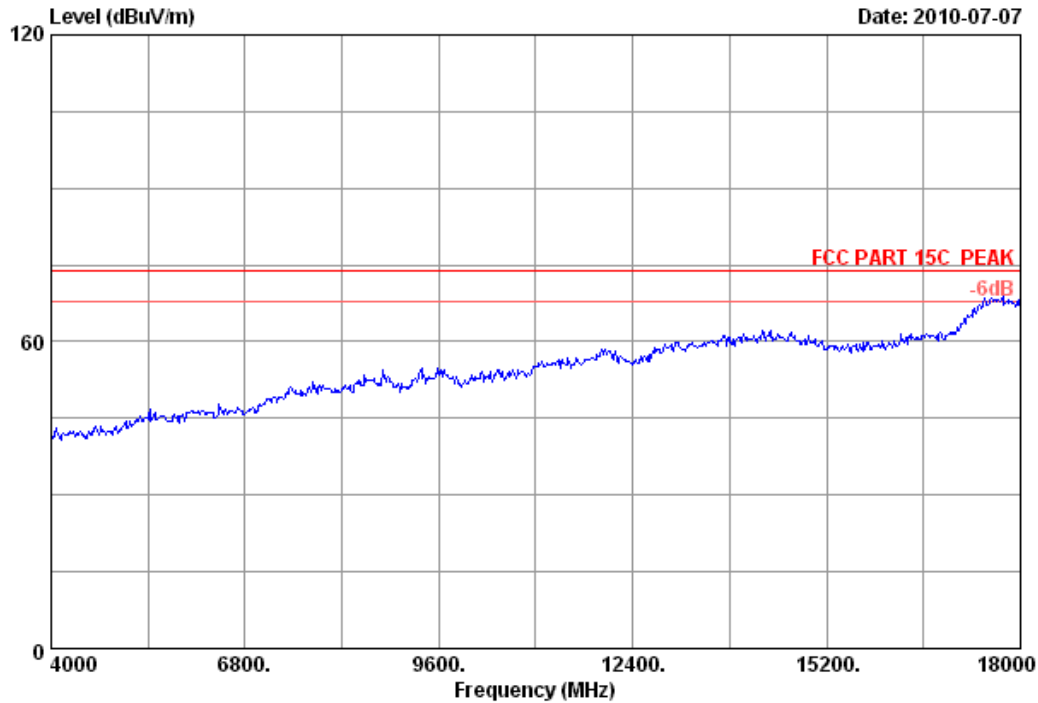
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 69 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

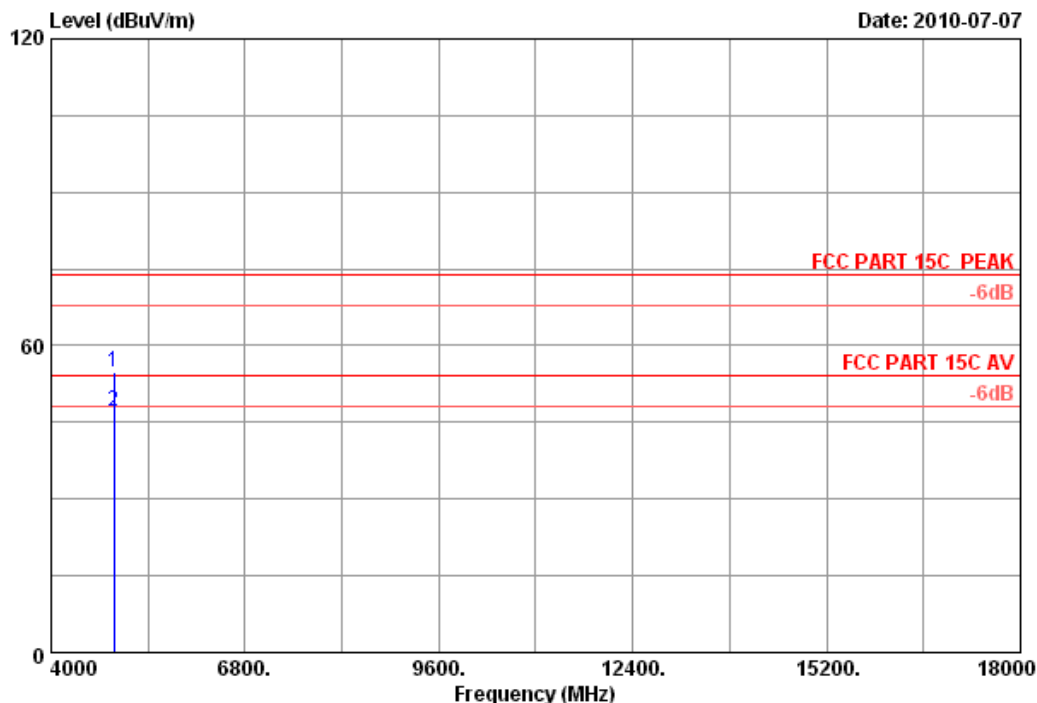


|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 69       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C PEAK                      |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT40 CH7 2452MHz Tx        |           |            |
| M/N         | : Giada Slim-130                         |           |            |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 70 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 70  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT40 CH7 2452MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |         |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1 | 4904.000       | 34.46                    | 10.74                 | 35.00                  | 44.68             | 54.88             | 74.00              | 19.12          | Peak    |
| 2 | 4904.000       | 34.46                    | 10.74                 | 35.00                  | 36.87             | 47.07             | 54.00              | 6.93           | Average |

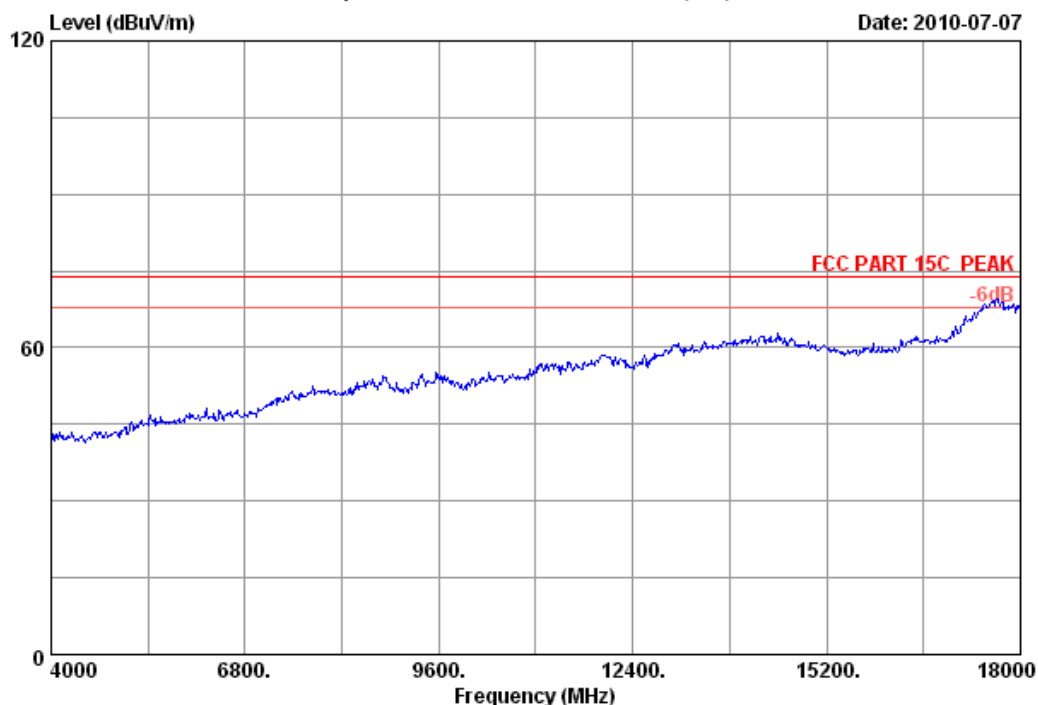
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 71 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

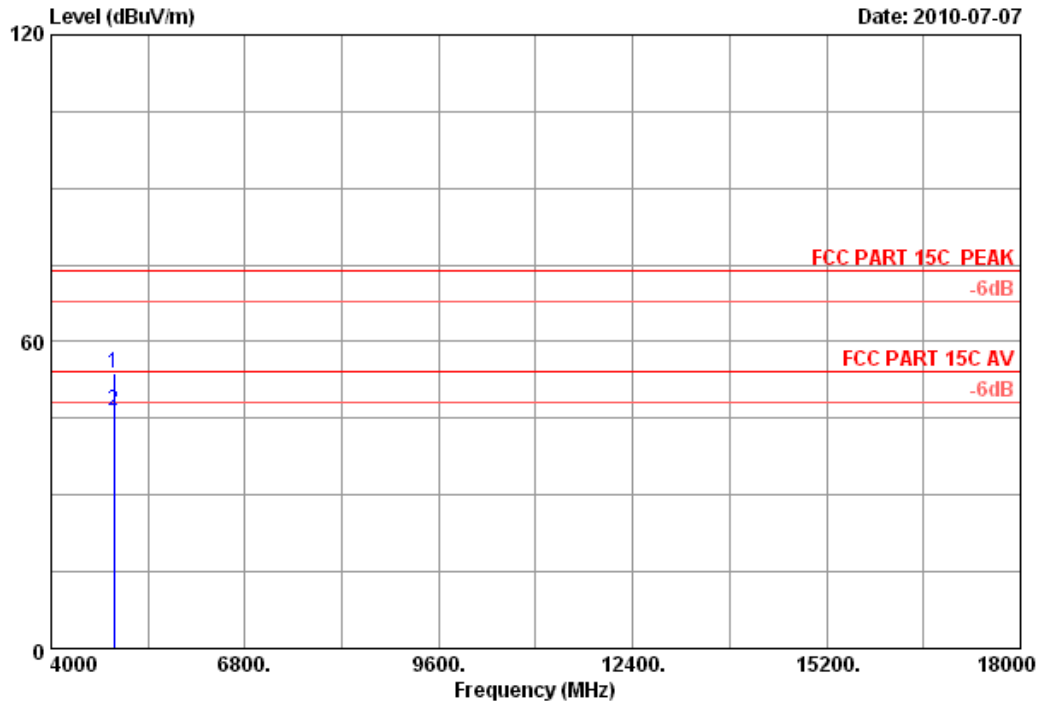


|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 71         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT40 CH7 2452MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 72 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 72         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT40 CH7 2452MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 4904.000       | 34.46                    | 10.74                 | 35.00                  | 43.68             | 53.88             | 74.00              | 20.12          | Peak    |
| 2 | 4904.000       | 34.46                    | 10.74                 | 35.00                  | 36.28             | 46.48             | 54.00              | 7.52           | Average |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 5. CONDUCTED SPURIOUS EMISSIONS

### 5.1. Test Equipment

| Item | Equipment         | Manufacturer | Model No.   | Serial No. | Last Cal. | Cal. Interval |
|------|-------------------|--------------|-------------|------------|-----------|---------------|
| 1.   | Spectrum Analyzer | Agilent      | E4446A      | US44300459 | May.08,10 | 1 Year        |
| 2.   | Attenuator        | Agilent      | 8491B       | MY39262165 | May.08,10 | 1 Year        |
| 3.   | RF Cable          | Hubersuhner  | SUCOFLEX102 | 28618/2    | May.08,10 | 1Year         |

### 5.2. Limit

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in 15.209(a).

### 5.3. Test Procedure

- 1, Connected the EUT's antenna port to spectrum analyzer by 20dB attenuator.
- 2, Measure all the conducted emissions from antenna port by spectrum analyzer as below set:

RBW=100KHz; VBW=300KHz; Detector: Peak; Sweep time: Auto

Note: The cable loss and attenuator loss were offset into spectrum analyzer as an amplitude offset.

## 5.4. Test result

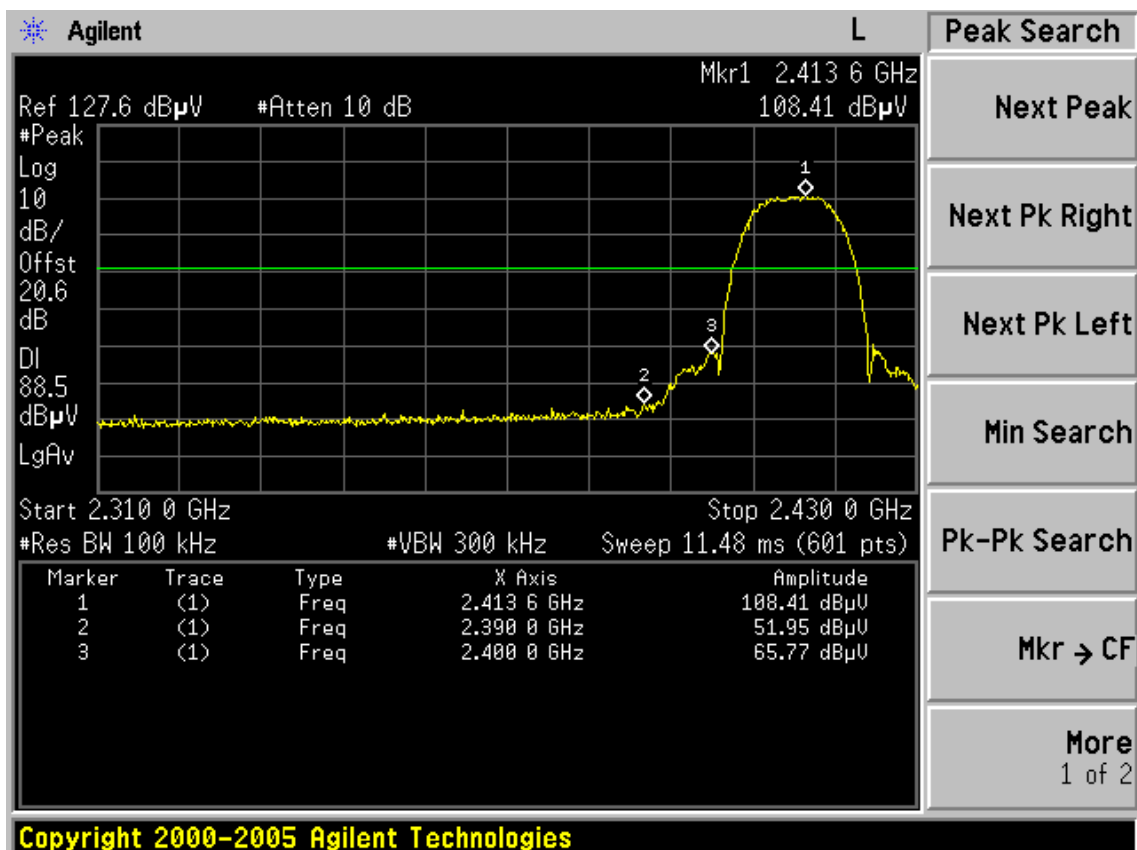
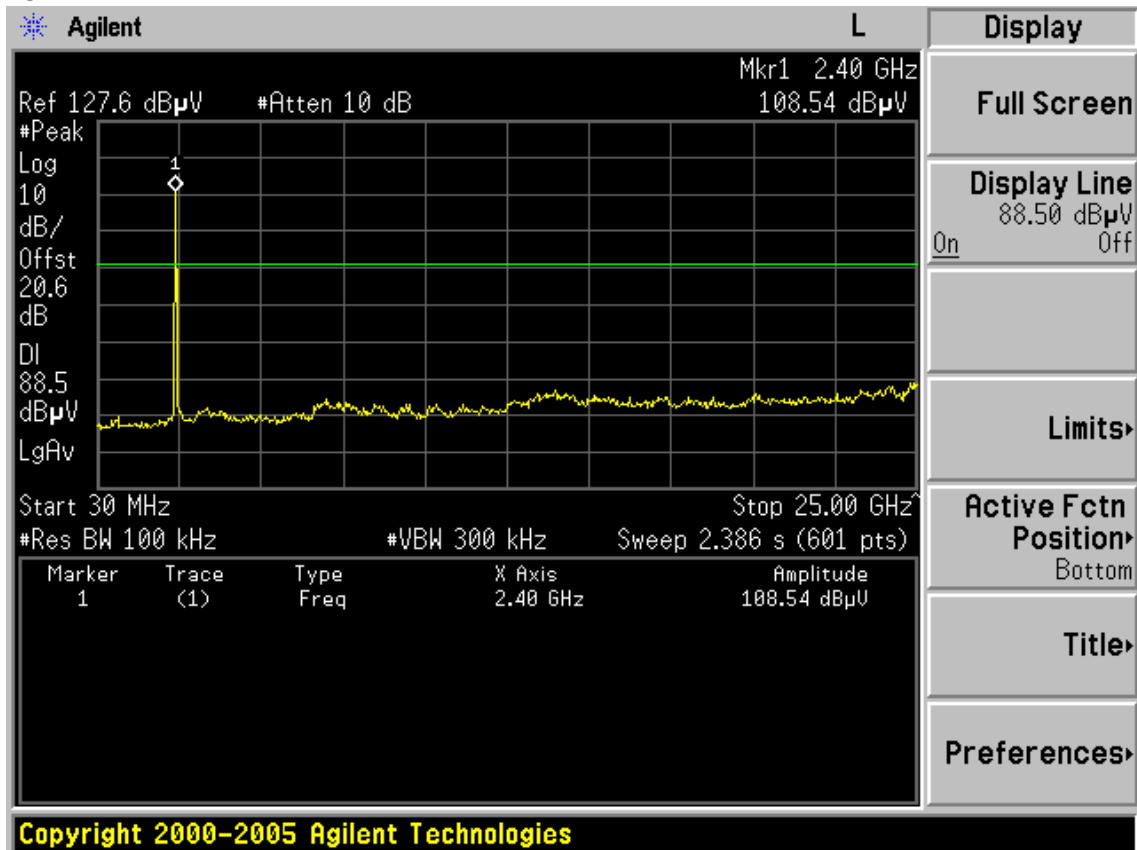
|                      |                    |                    |
|----------------------|--------------------|--------------------|
| EUT: Mini PC         |                    |                    |
| M/N: Giada Slim -i30 |                    |                    |
| Test date:2010-07-07 | Pressure: 100.6kpa | Humidity: 56 %     |
| Tested by: Sunny-Lu  | Test site: RF site | Temperature : 25°C |

|                                     |      |                       |                       |
|-------------------------------------|------|-----------------------|-----------------------|
| Cable loss: 0.6dB                   |      | Attenuator loss: 20dB | Antenna Gain: 3.62dBi |
| Test Mode                           | CH   | Result                |                       |
| 11b                                 | CH1  | PASS                  |                       |
|                                     | CH6  | PASS                  |                       |
|                                     | CH11 | PASS                  |                       |
| 11g                                 | CH1  | PASS                  |                       |
|                                     | CH6  | PASS                  |                       |
|                                     | CH11 | PASS                  |                       |
| 11n<br>HT20                         | CH1  | PASS                  |                       |
|                                     | CH6  | PASS                  |                       |
|                                     | CH11 | PASS                  |                       |
| 11n<br>HT40                         | CH1  | PASS                  |                       |
|                                     | CH4  | PASS                  |                       |
|                                     | CH7  | PASS                  |                       |
| Note: See below original test data. |      |                       |                       |

**Conducted emission test data:**

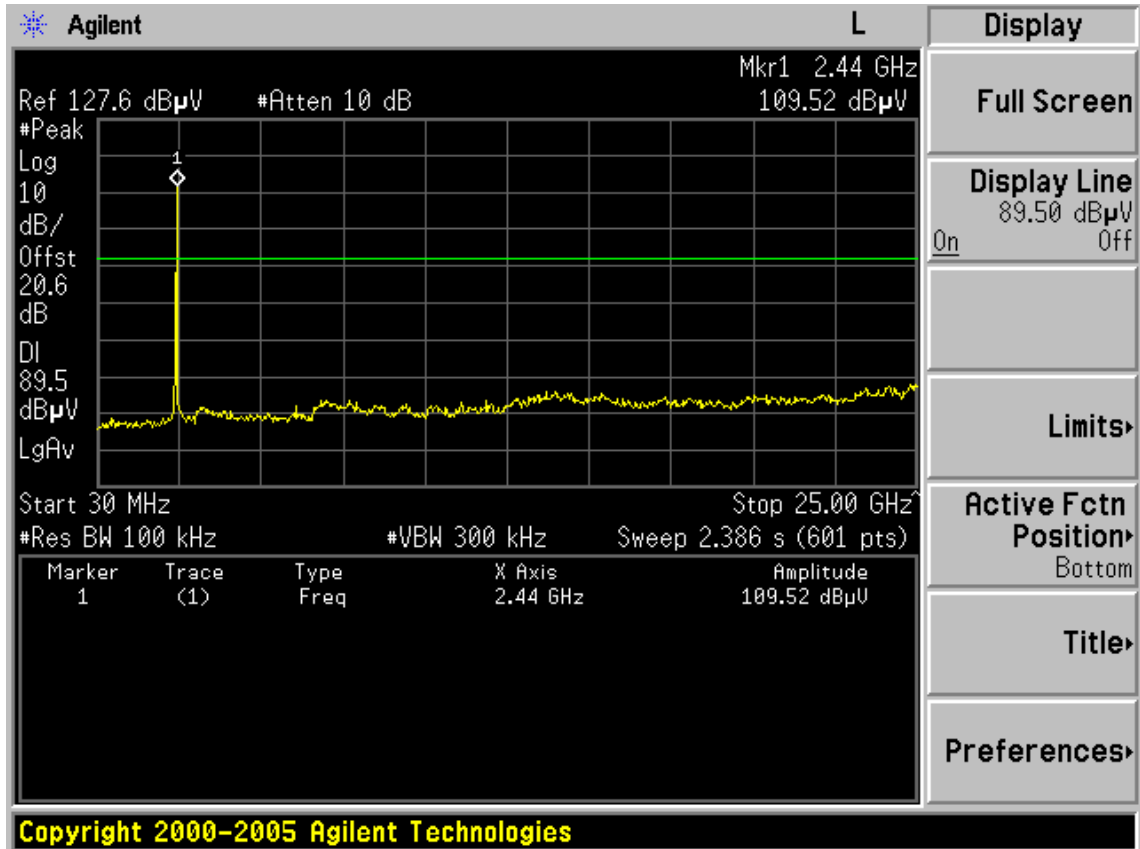
Test Mode: IEEE 802.11b TX

CH 1

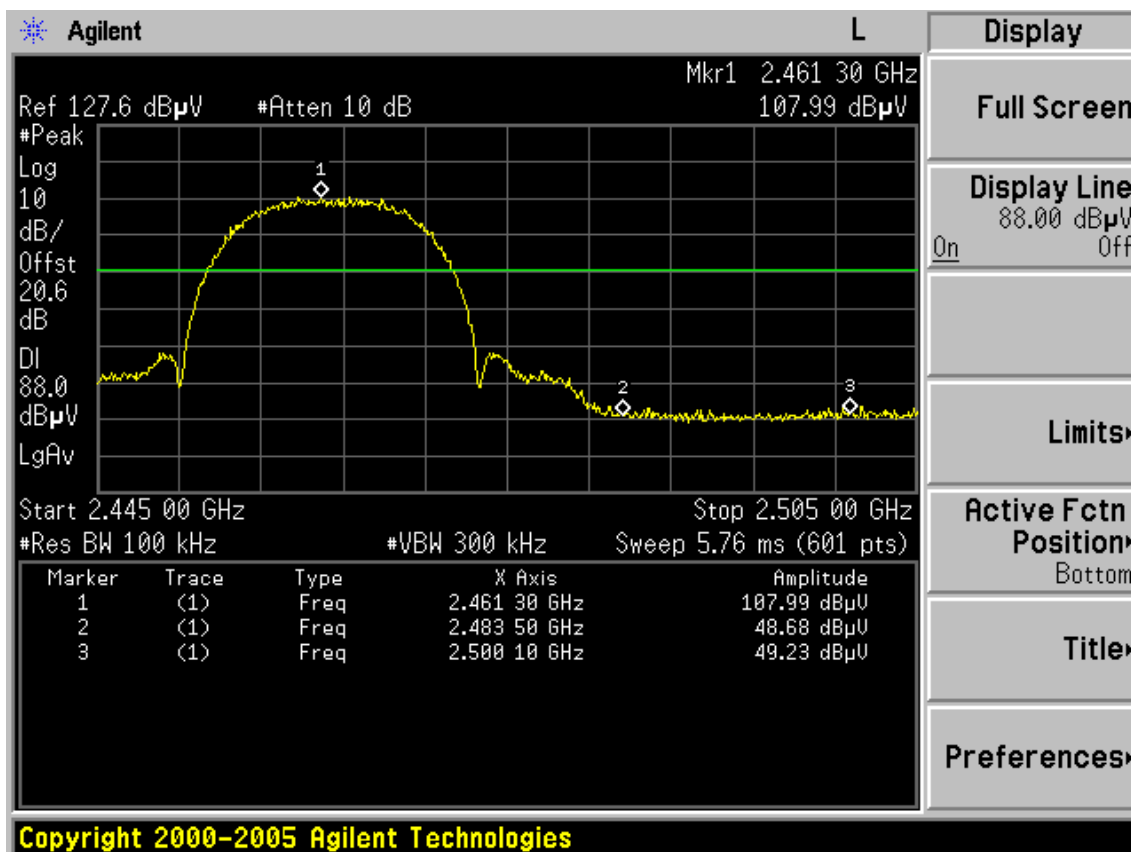
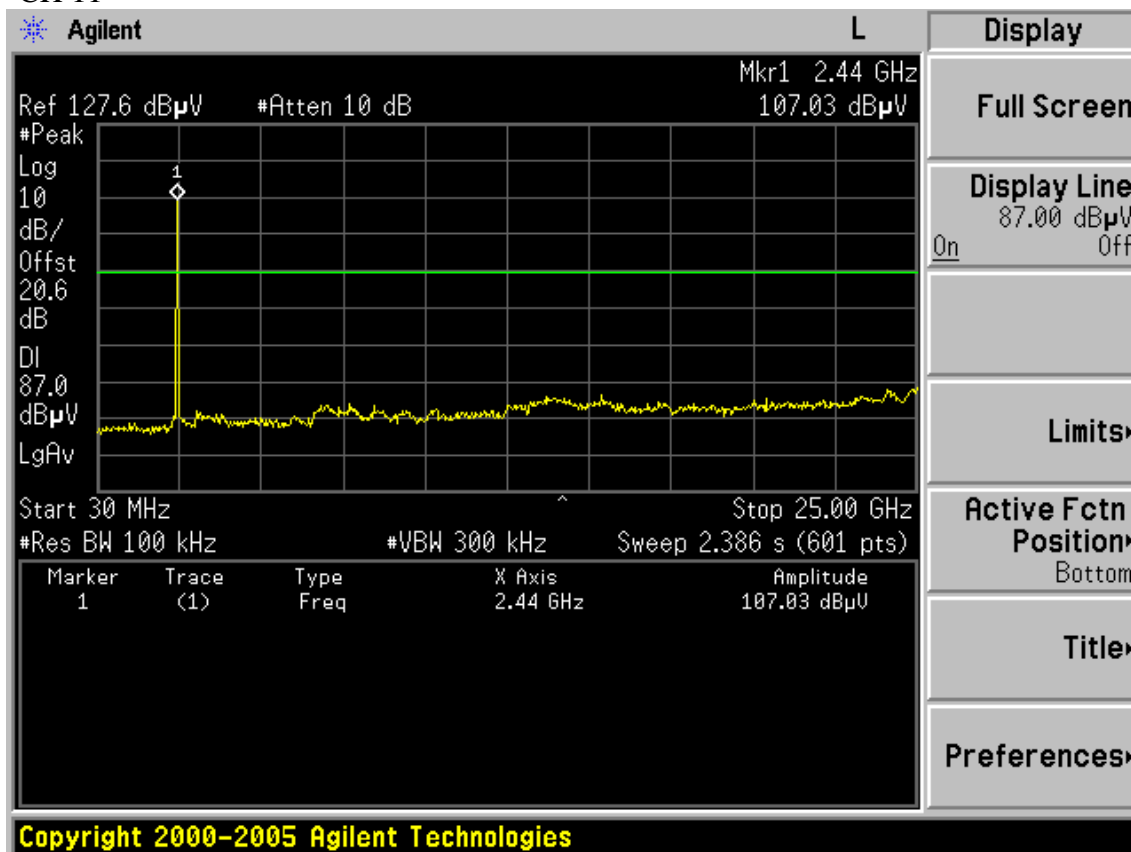




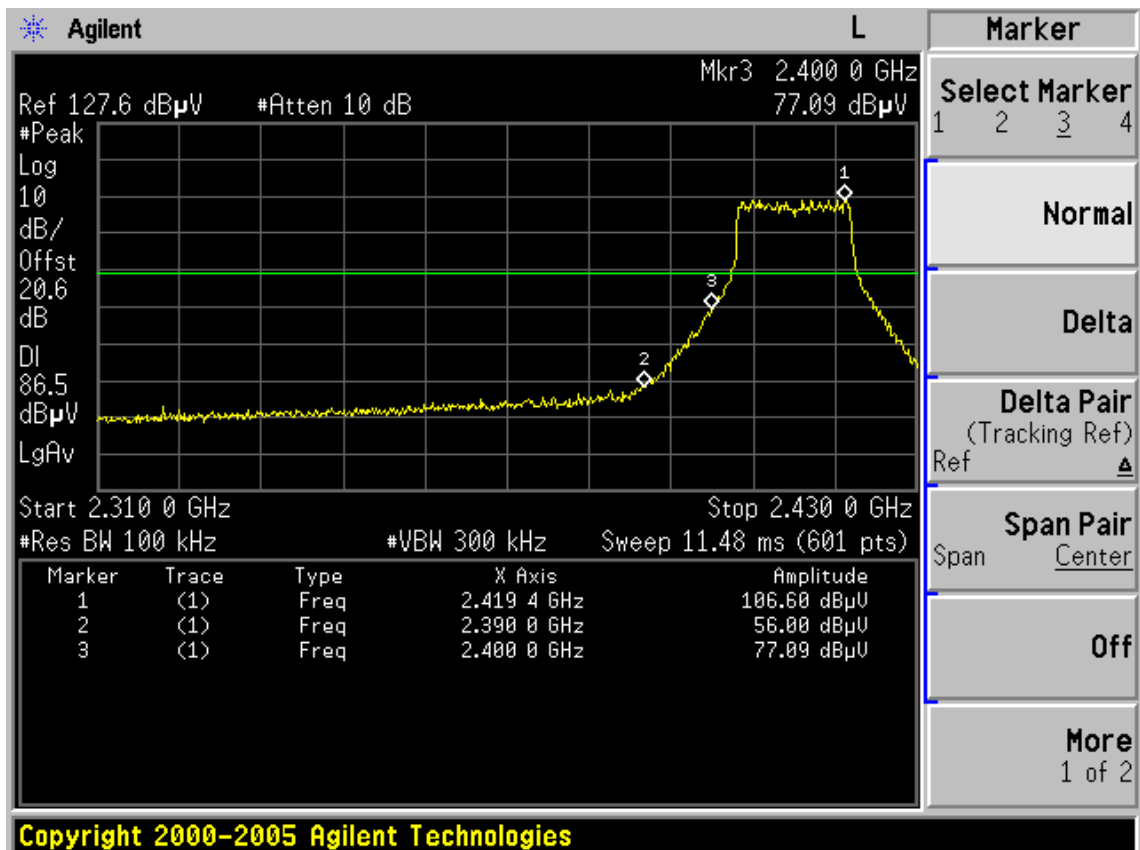
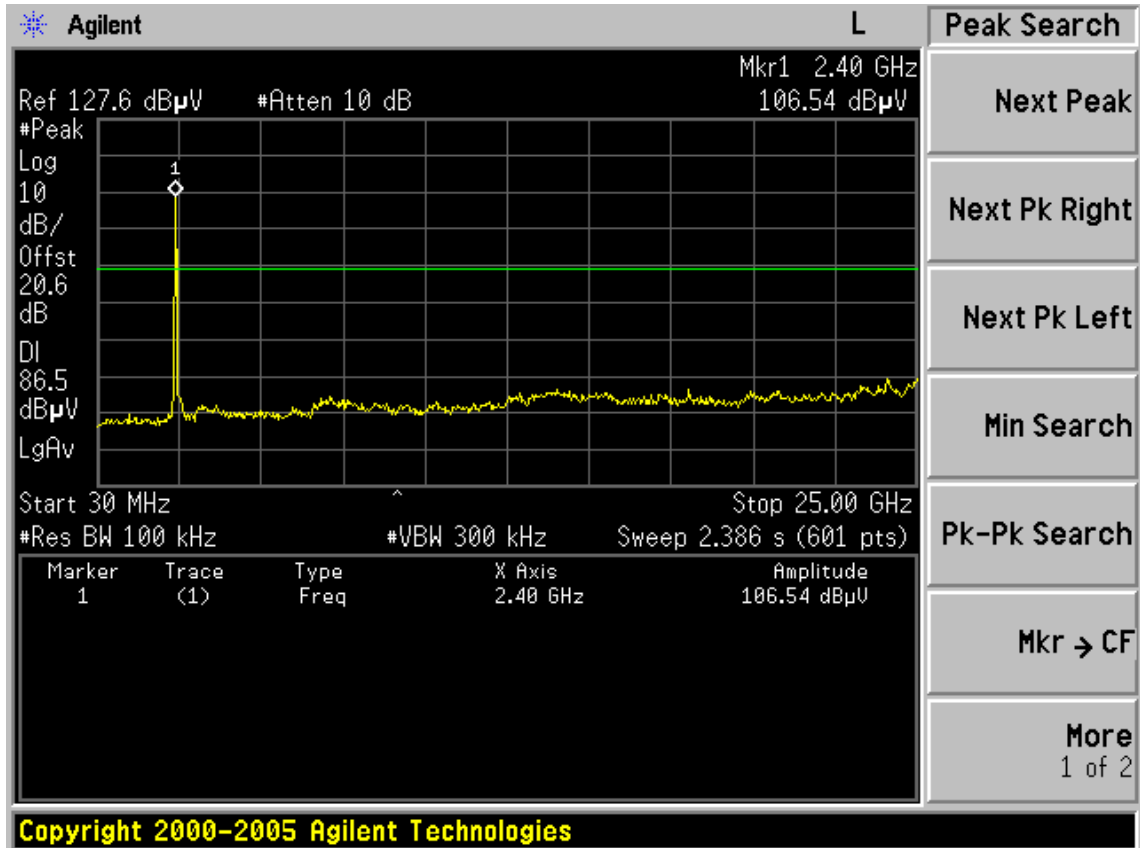
CH 6



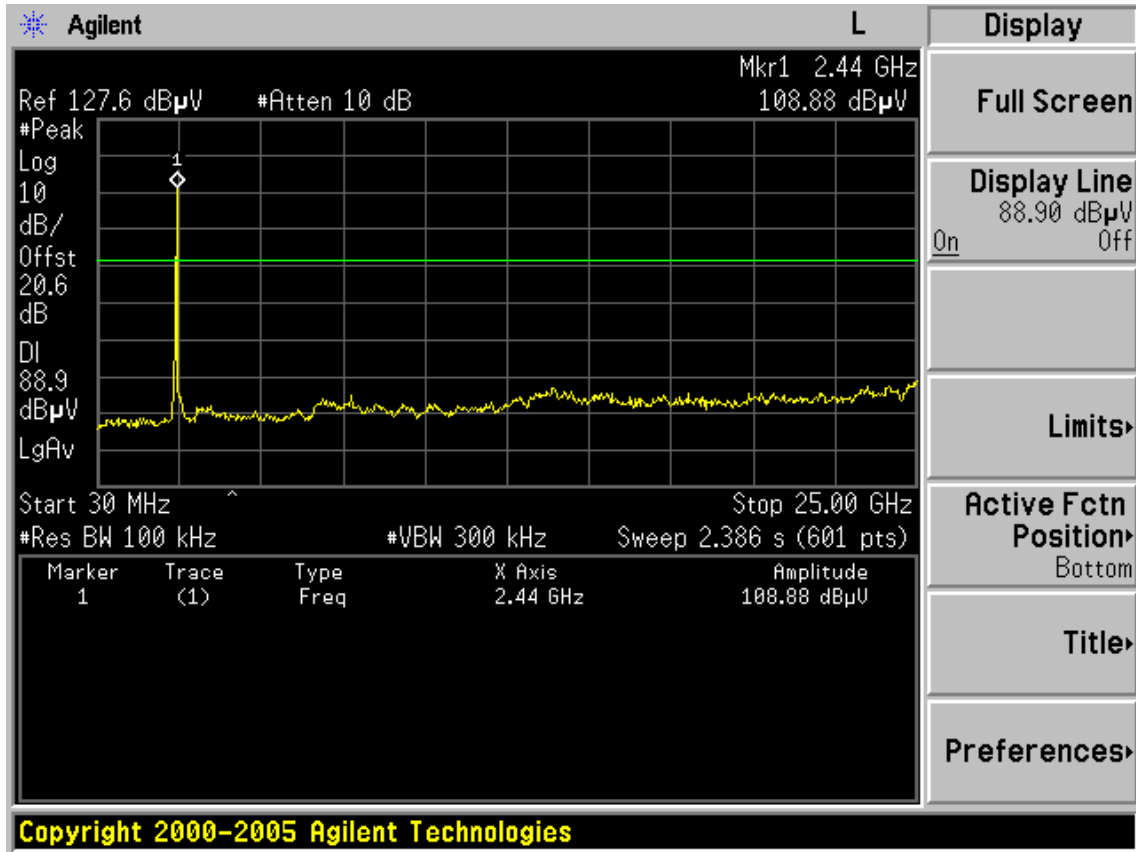
# CH 11



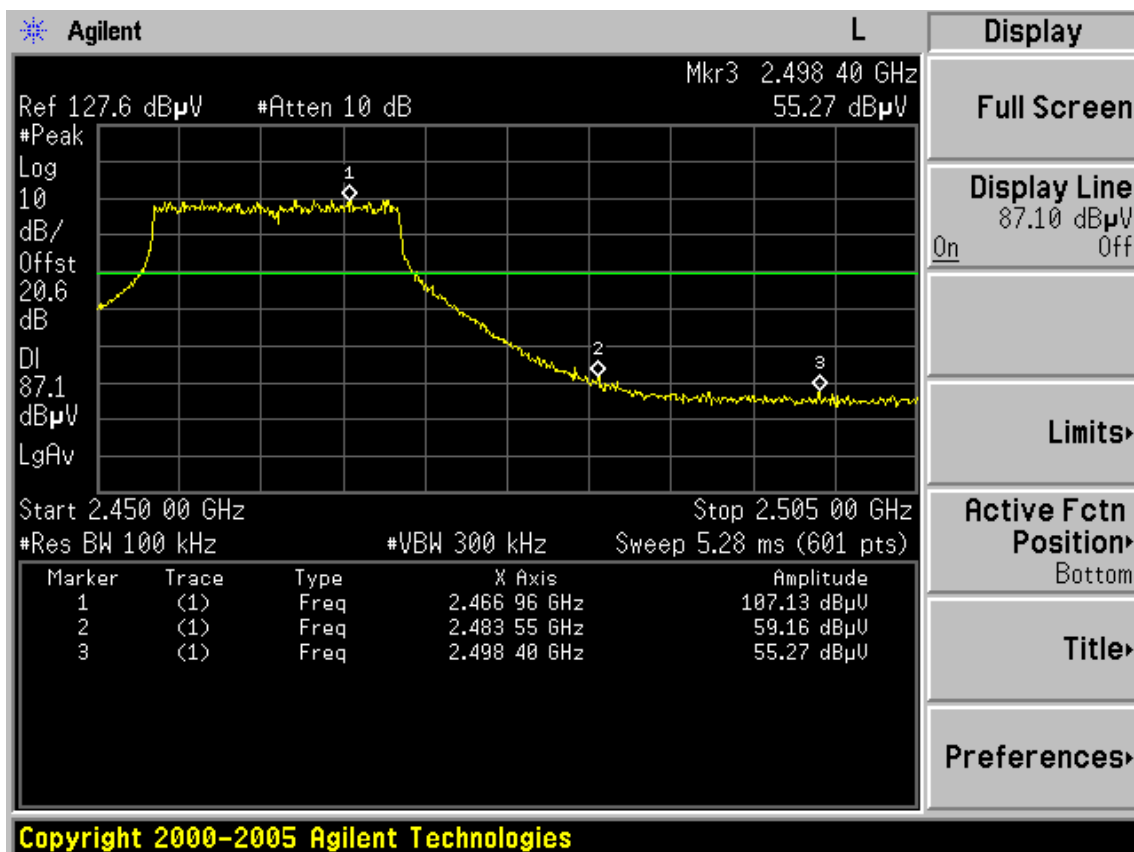
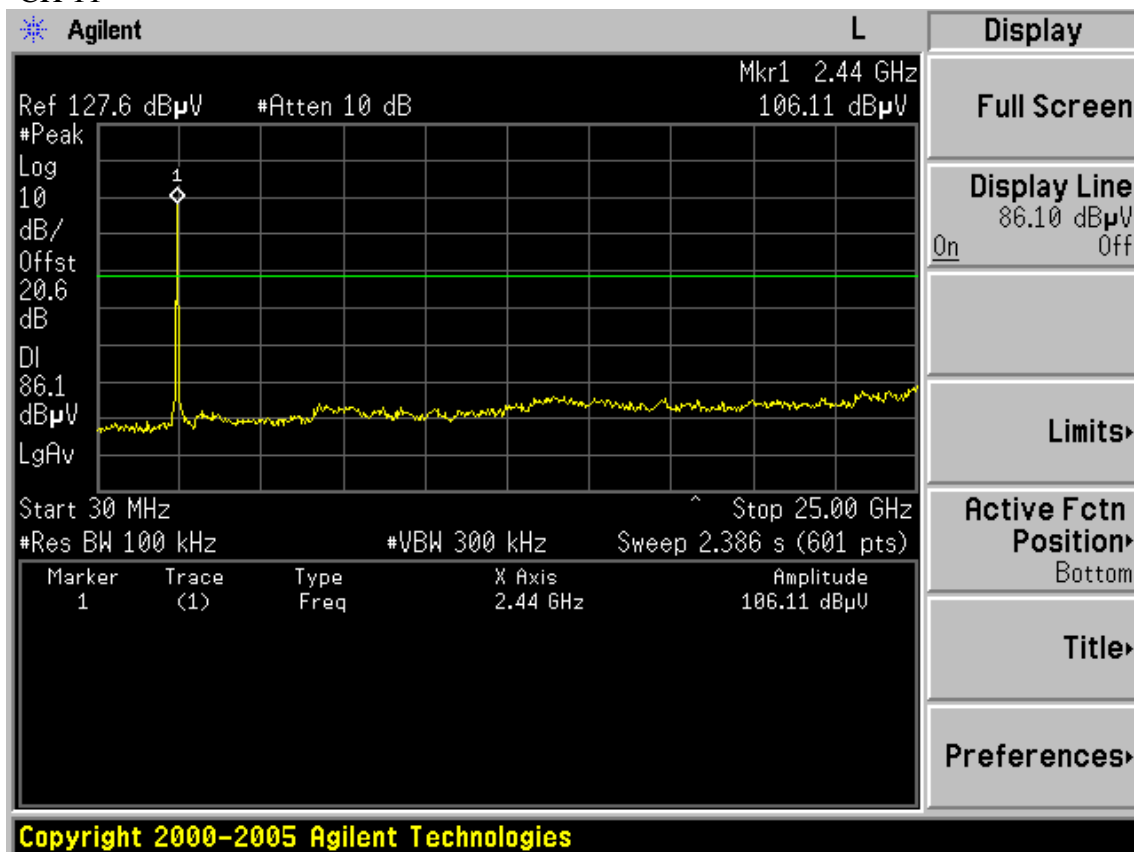
Test Mode: IEEE 802.11g TX  
CH 1



CH 6

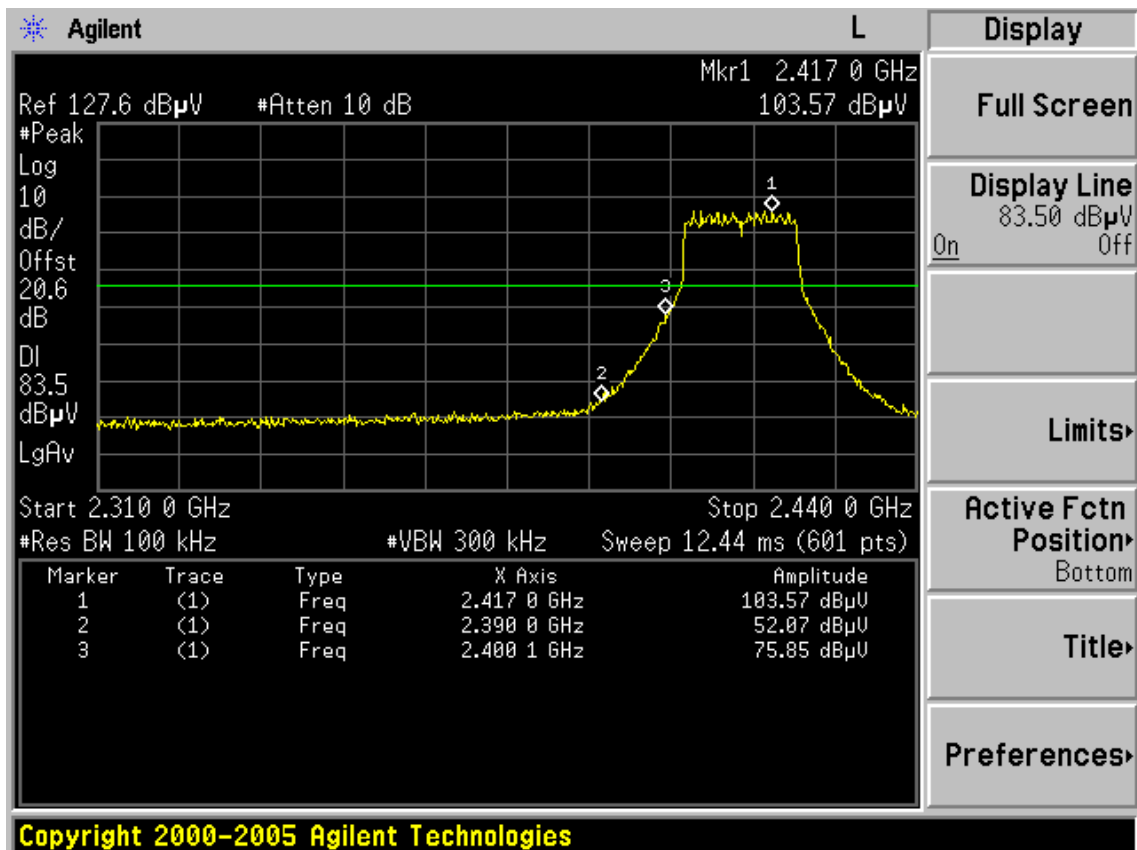
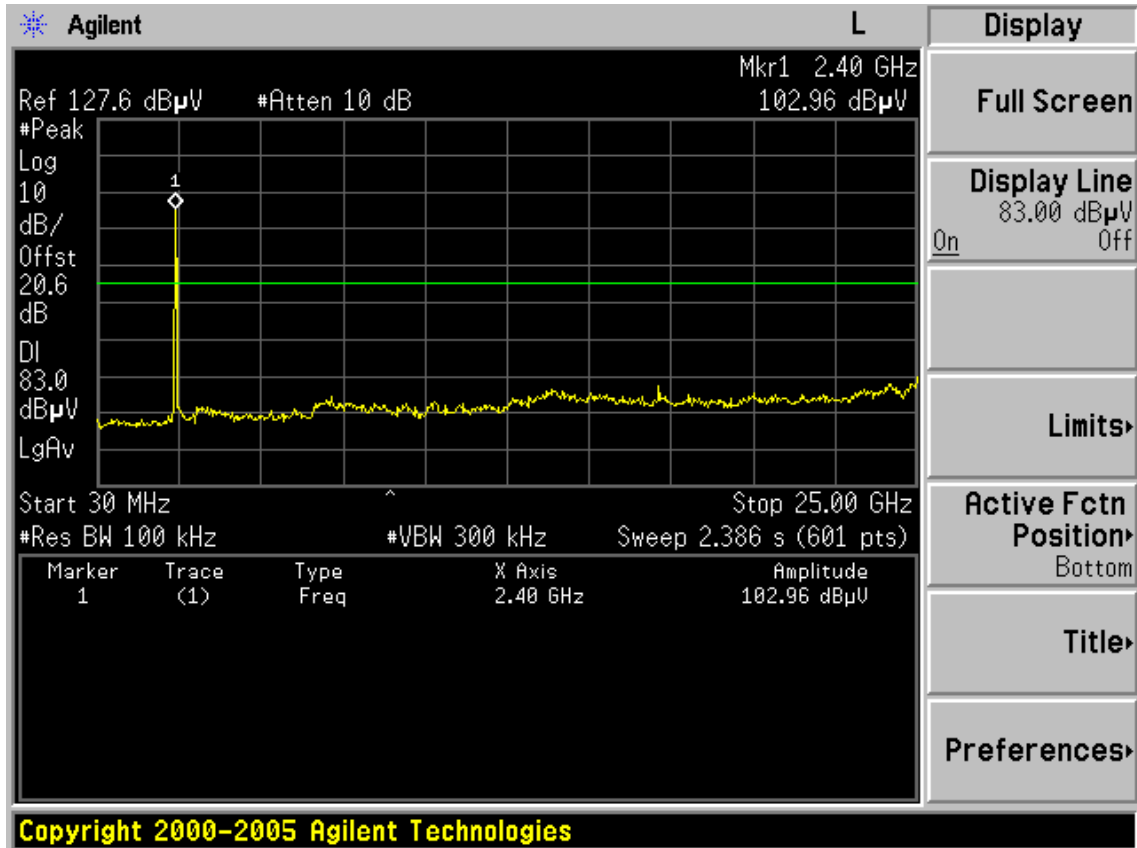


## CH 11

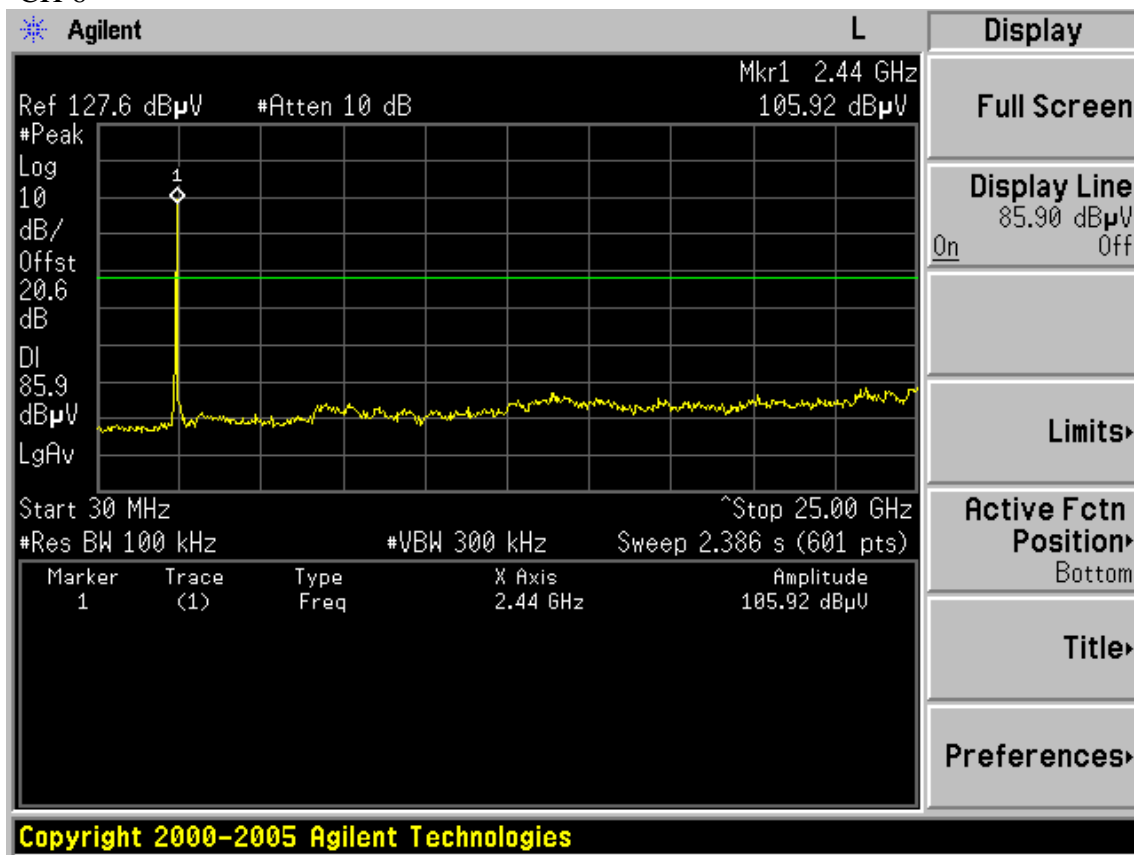


Test Mode: IEEE 802.11n HT20

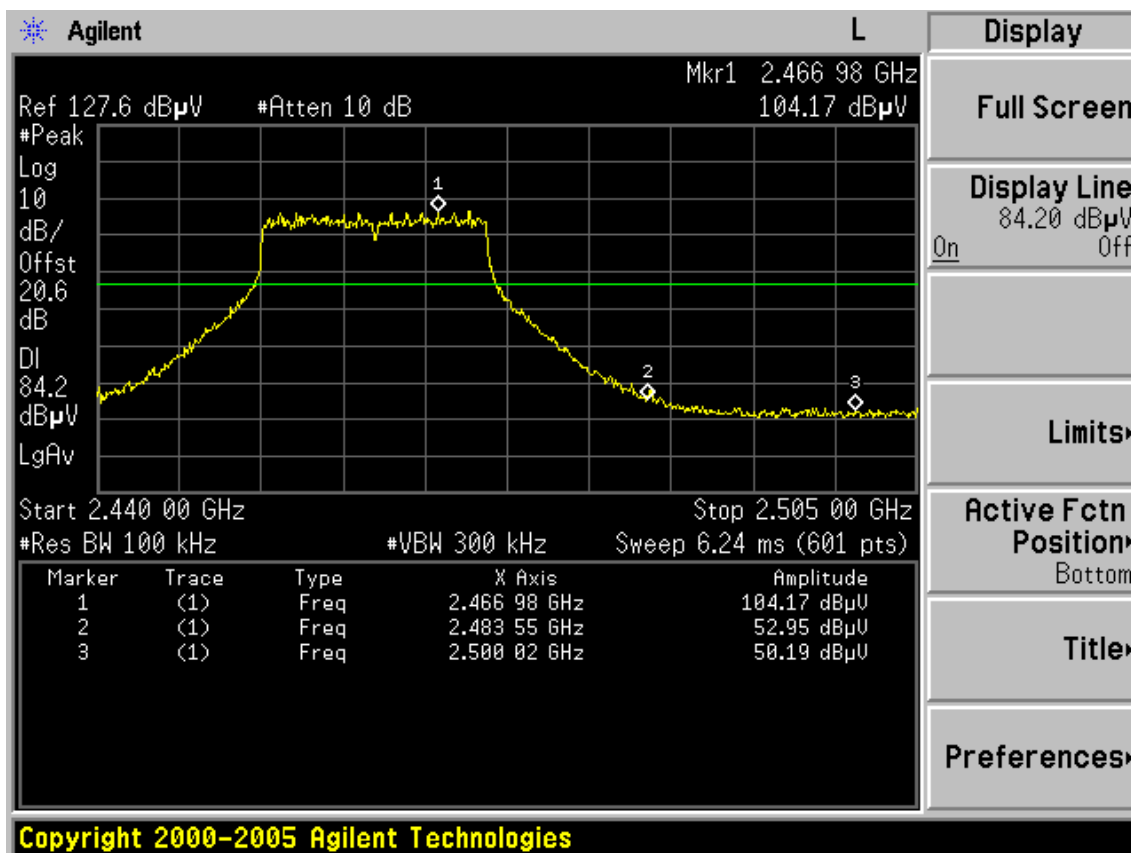
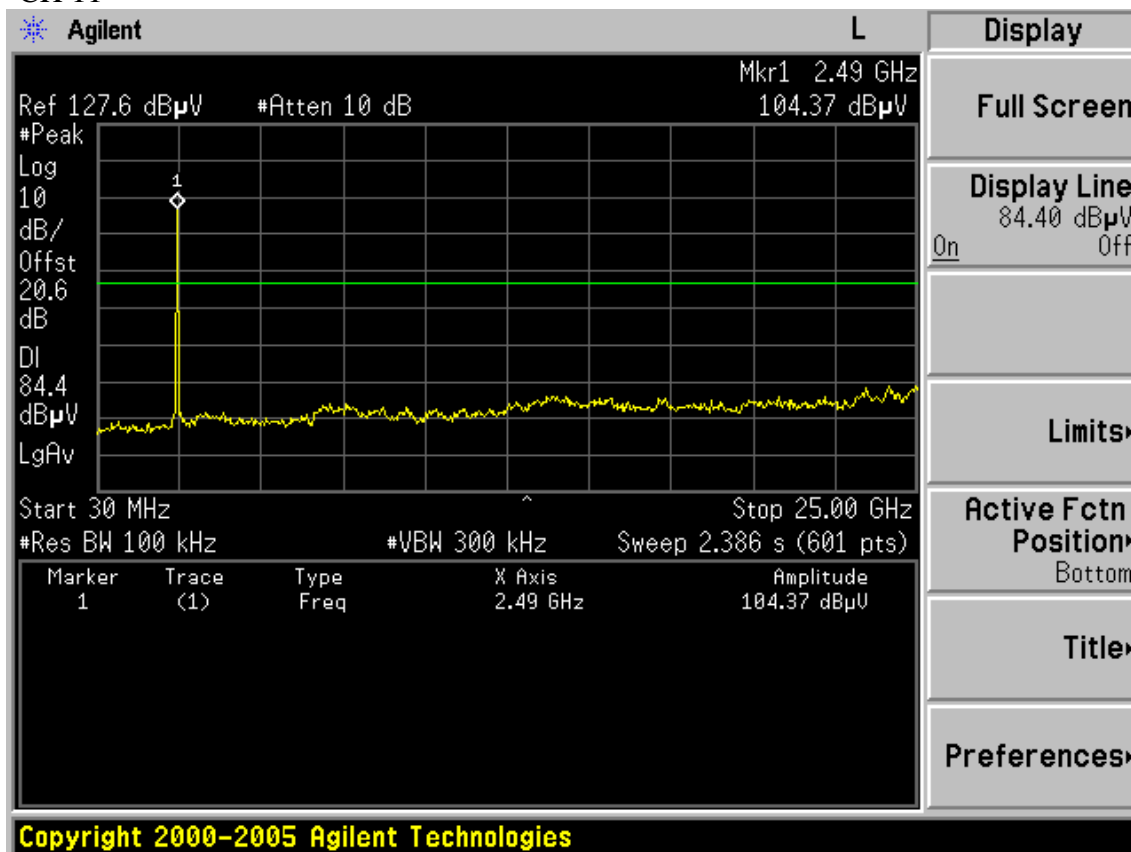
CH 1



## CH 6



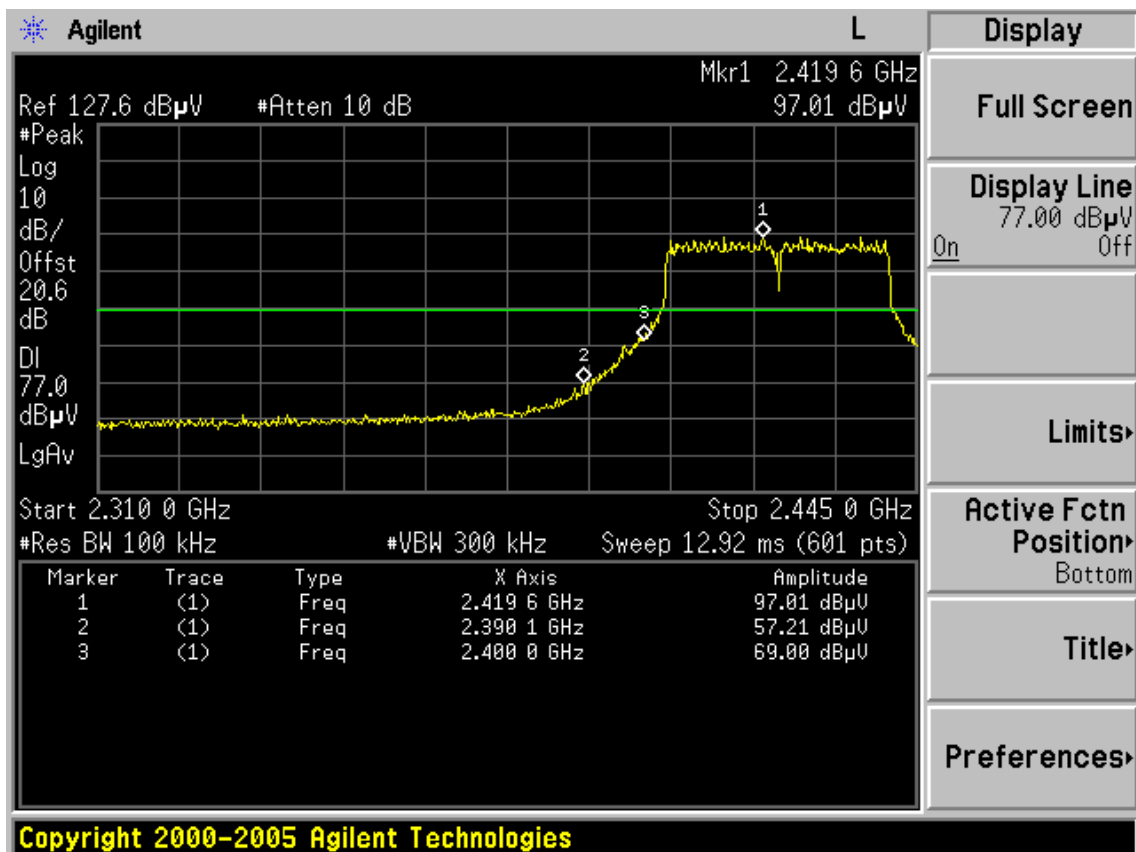
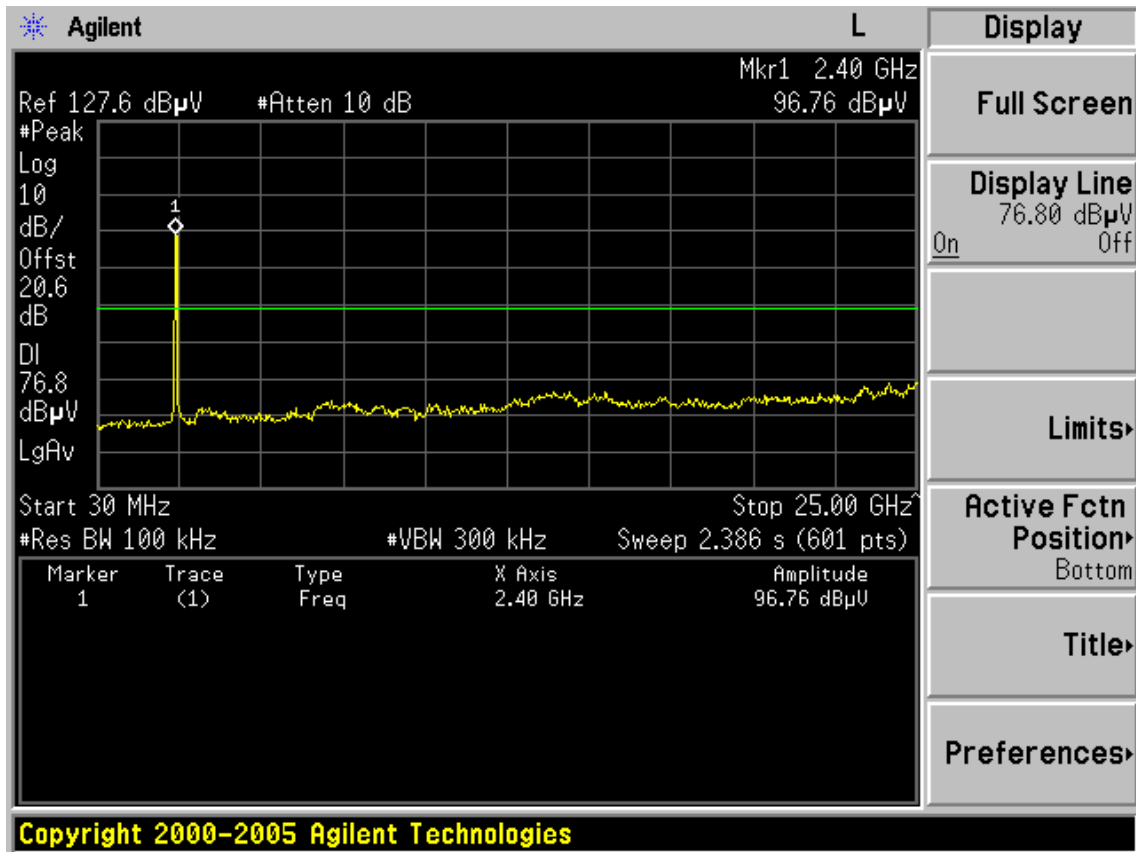
# CH 11



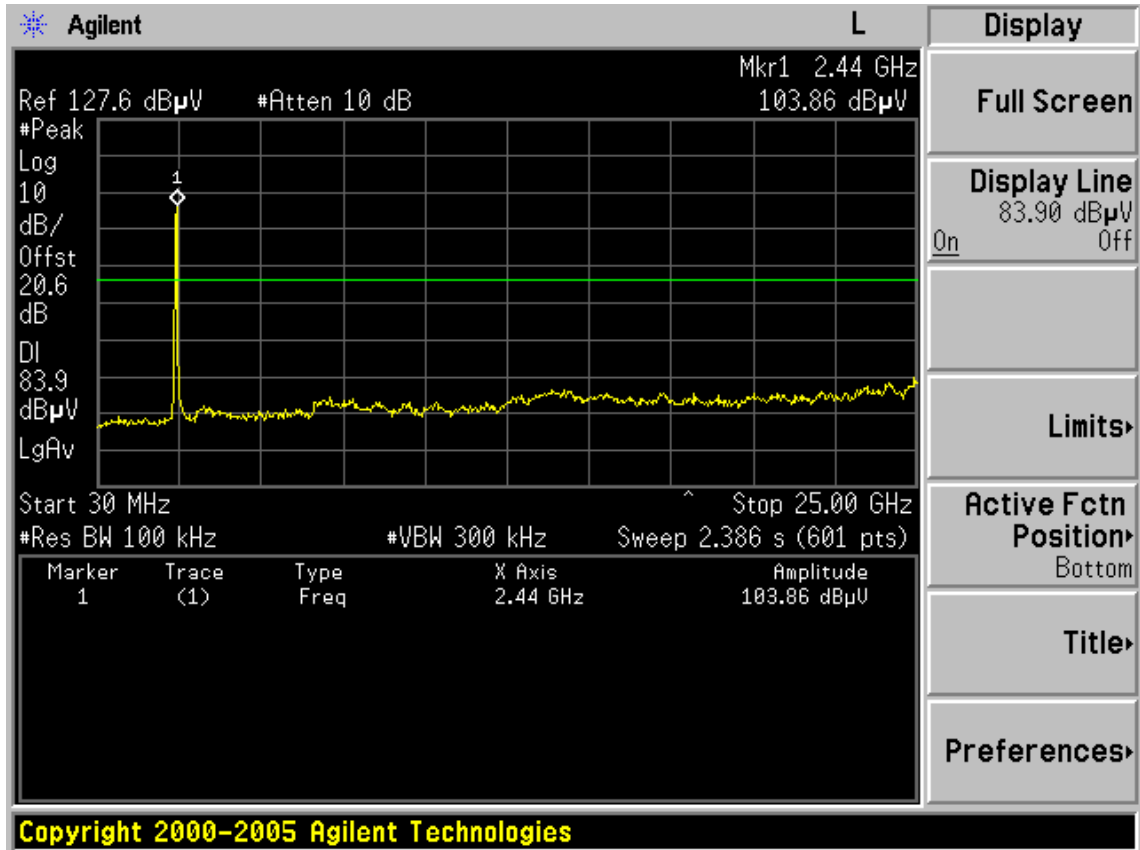


Test Mode: IEEE 802.11n HT40

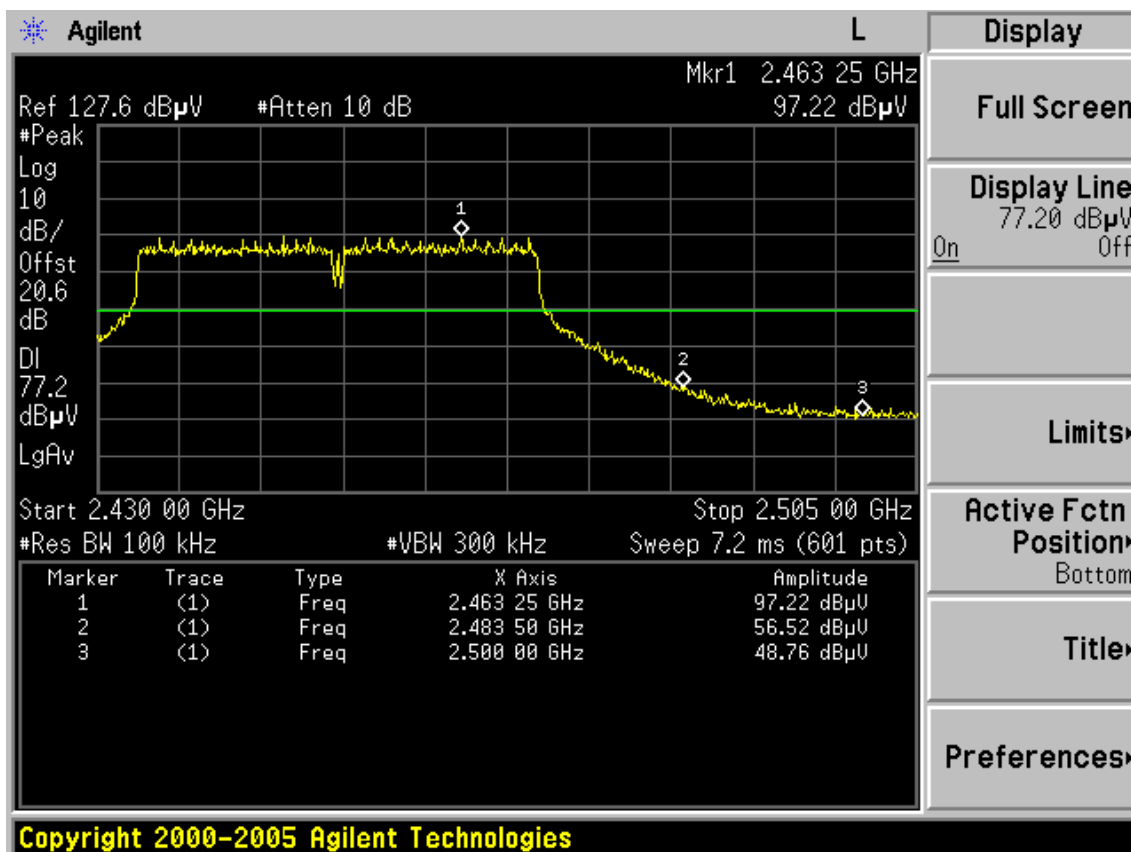
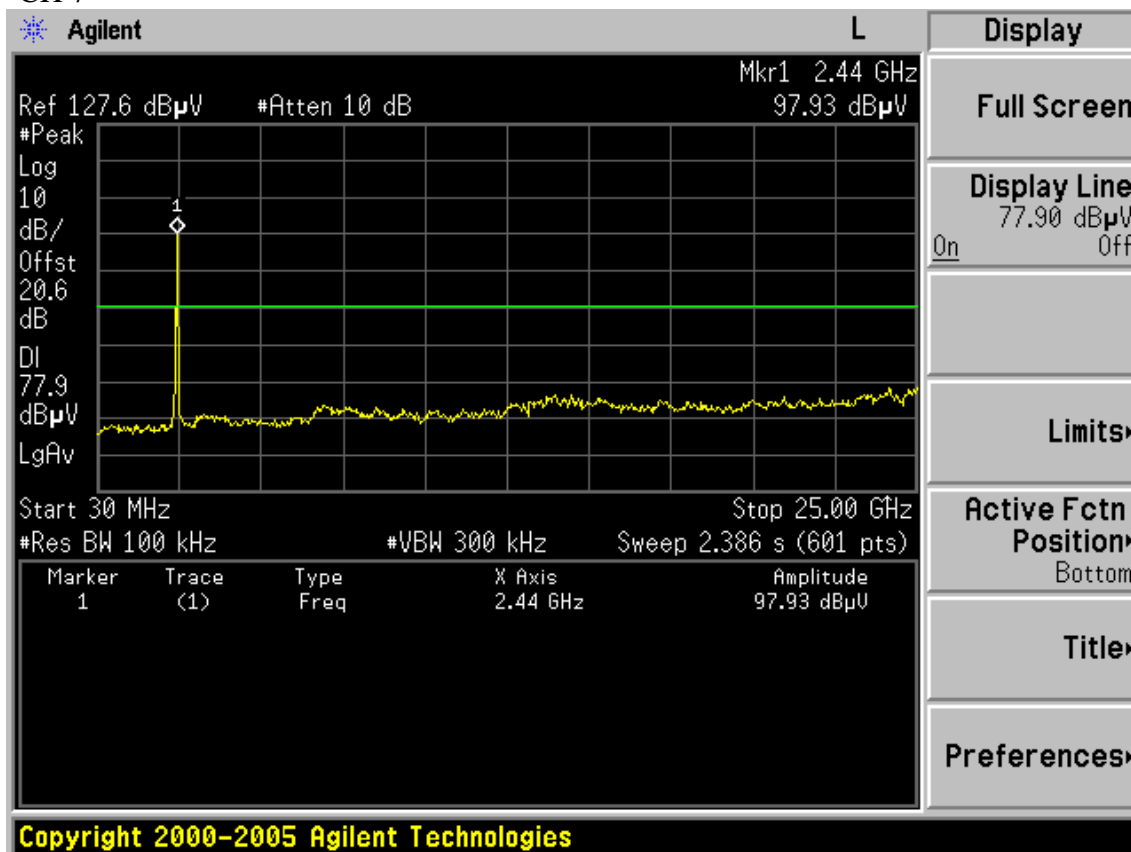
CH 1



CH 4



# CH 7



## 6. BAND EDGE COMPLIANCE TEST

### 6.1. Test Equipment

| Item | Equipment         | Manufacturer | Model No.    | Serial No. | Last Cal.  | Cal. Interval |
|------|-------------------|--------------|--------------|------------|------------|---------------|
| 1.   | Spectrum Analyzer | Agilent      | E4446A       | US44300459 | May.08, 10 | 1 Year        |
| 2.   | Horn Antenna      | EMCO         | 3115         | 9607-4877  | Nov.25, 09 | 1.5 Year      |
| 3.   | Amplifier         | Agilent      | 8449B        | 3008A02495 | May.08, 10 | 1 Year        |
| 4.   | RF Cable          | Hubersuhner  | SUCOFLEX 102 | 28620/2    | May.08, 10 | 1 Year        |
| 5.   | RF Cable          | Hubersuhner  | SUCOFLEX 102 | 271471/4   | May.08, 10 | 1 Year        |
| 6.   | RF Cable          | Hubersuhner  | SUCOFLEX 102 | 29086/2    | May.08, 10 | 1 Year        |

### 6.2. Limit

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

### 6.3. Test Produce

1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upperband-edges of the emission:
  - (a) PEAK: RBW=1MHz; VBW=3MHz / Sweep=AUTO
  - (b) AVERAGE: RBW=1MHz / VBW=10Hz / Sweep=AUTO

### 6.4. Test Results

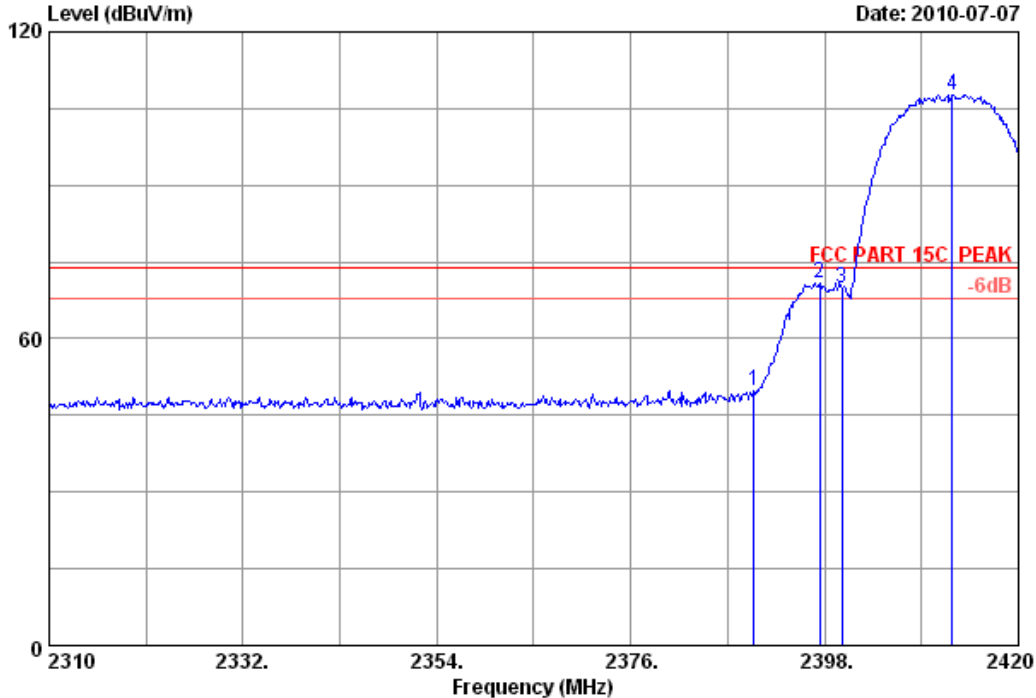
Pass (The testing data was attached in the next pages.)

All the emissions outside operation frequency band were comply with 15.209 limit



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 73 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 73  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11b CH1 2412MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |        |
| 1 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 49.76             | 49.97             | 74.00              | 24.03          | Peak   |
| 2 | 2397.450       | 29.44                    | 7.39                  | 36.62                  | 70.63             | 70.84             | 74.00              | 3.16           | Peak   |
| 3 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 69.53             | 69.78             | 74.00              | 4.22           | Peak   |
| 4 | 2412.520       | 29.45                    | 7.43                  | 36.62                  | 107.45            | 107.71            | 74.00              | -33.71         | Peak   |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

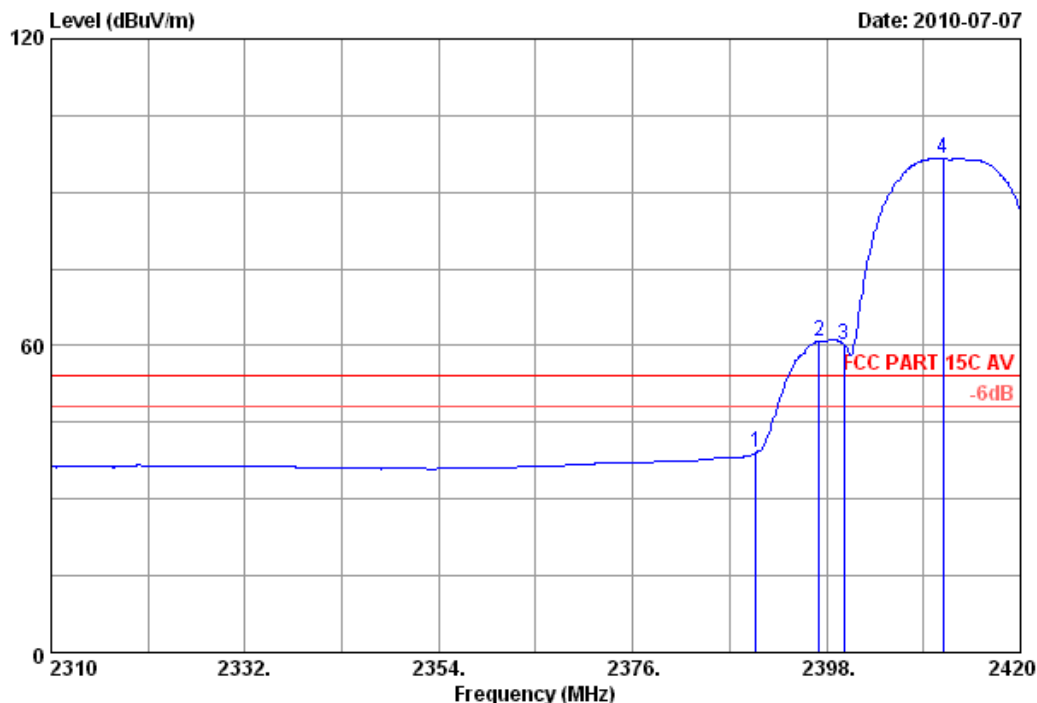


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 74

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 74       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C AV                        |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11b CH1 2412MHz Tx             |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |         |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 38.73             | 38.94             | 54.00              | 15.06          | Average |
| 2 | 2397.120       | 29.44                    | 7.39                  | 36.62                  | 60.66             | 60.87             | 54.00              | -6.87          | Average |
| 3 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 59.96             | 60.21             | 54.00              | -6.21          | Average |
| 4 | 2411.200       | 29.45                    | 7.43                  | 36.62                  | 96.38             | 96.64             | 54.00              | -42.64         | Average |

## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

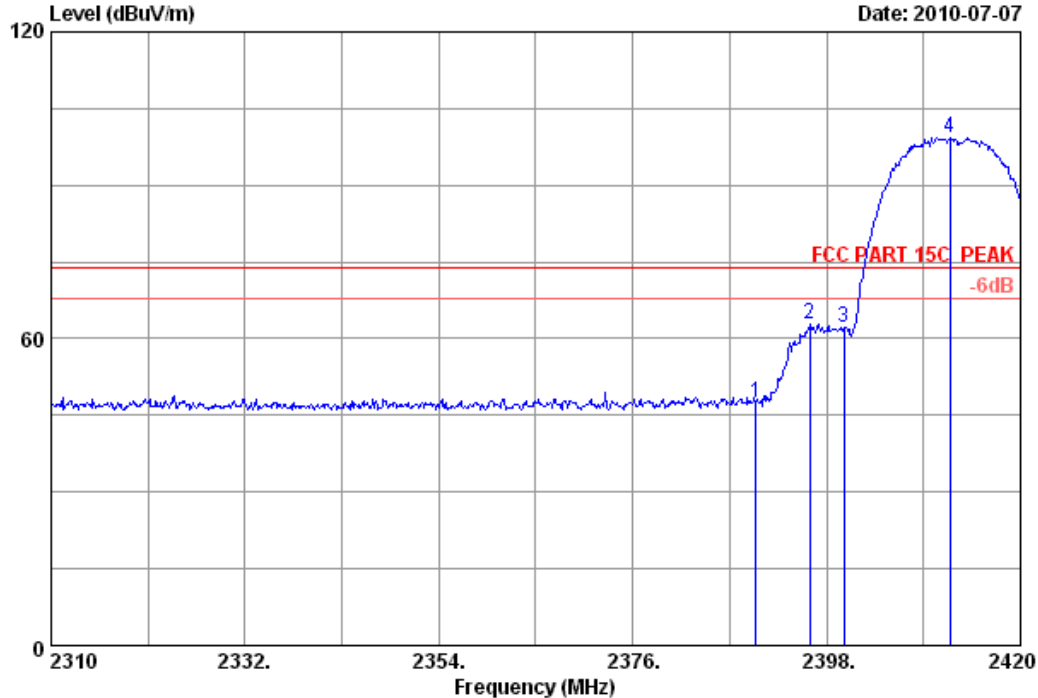


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 75

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 75         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11b CH1 2412MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 47.24             | 47.45             | 74.00              | 26.55          | Peak   |
| 2 | 2396.130       | 29.44                    | 7.39                  | 36.62                  | 62.55             | 62.76             | 74.00              | 11.24          | Peak   |
| 3 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 61.88             | 62.13             | 74.00              | 11.87          | Peak   |
| 4 | 2411.970       | 29.45                    | 7.43                  | 36.62                  | 99.14             | 99.40             | 74.00              | -25.40         | Peak   |

## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

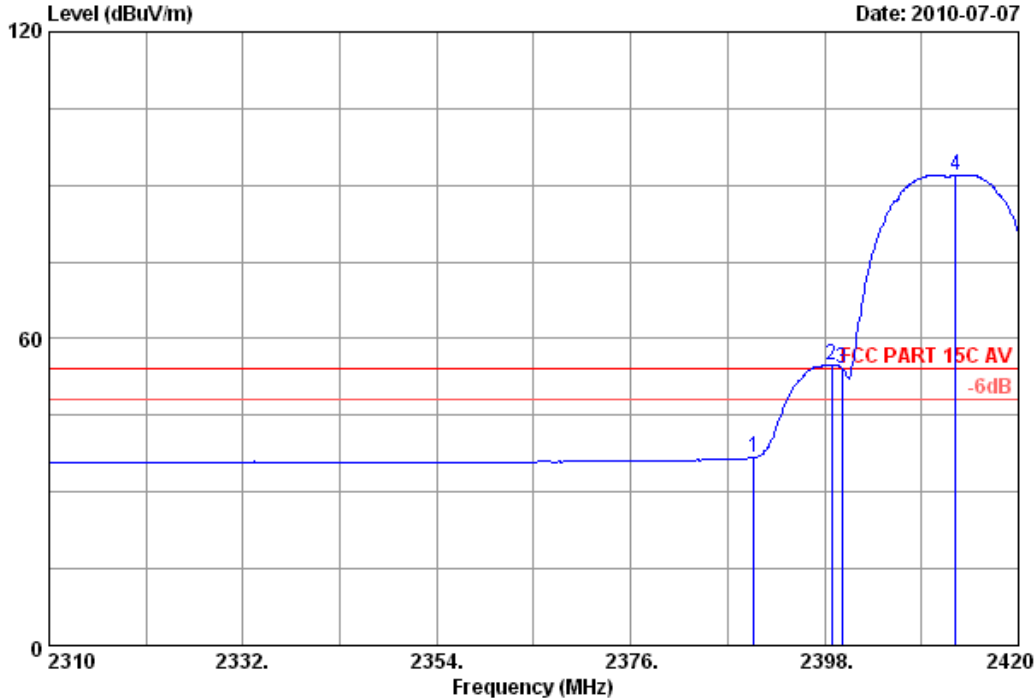


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 76

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 76         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C AV                        |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11b CH1 2412MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 36.53             | 36.74             | 54.00              | 17.26          | Average |
| 2 | 2398.770       | 29.44                    | 7.39                  | 36.62                  | 54.70             | 54.91             | 54.00              | -0.91          | Average |
| 3 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 53.92             | 54.17             | 54.00              | -0.17          | Average |
| 4 | 2412.850       | 29.45                    | 7.43                  | 36.62                  | 91.71             | 91.97             | 54.00              | -37.97         | Average |

## Remarks:

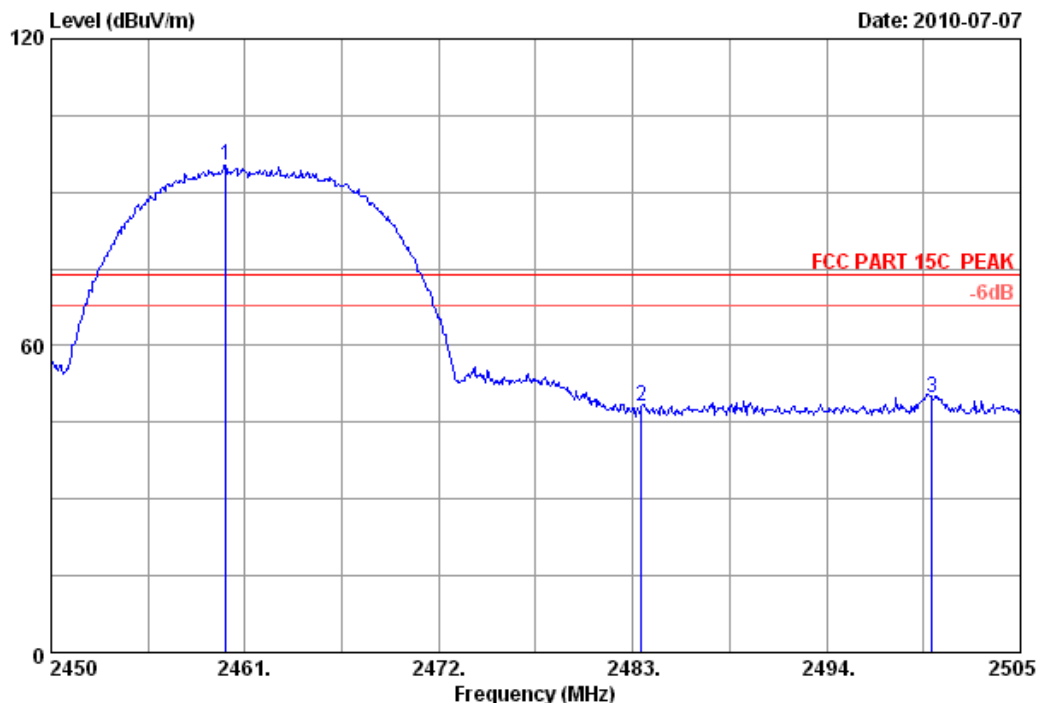
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.





No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 77 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 77  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11b CH11 2462MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2459.900       | 29.48                    | 7.54                  | 36.61                  | 94.77             | 95.18             | 74.00              | -21.18         | Peak   |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 47.53             | 48.00             | 74.00              | 26.00          | Peak   |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 49.37             | 49.89             | 74.00              | 24.11          | Peak   |

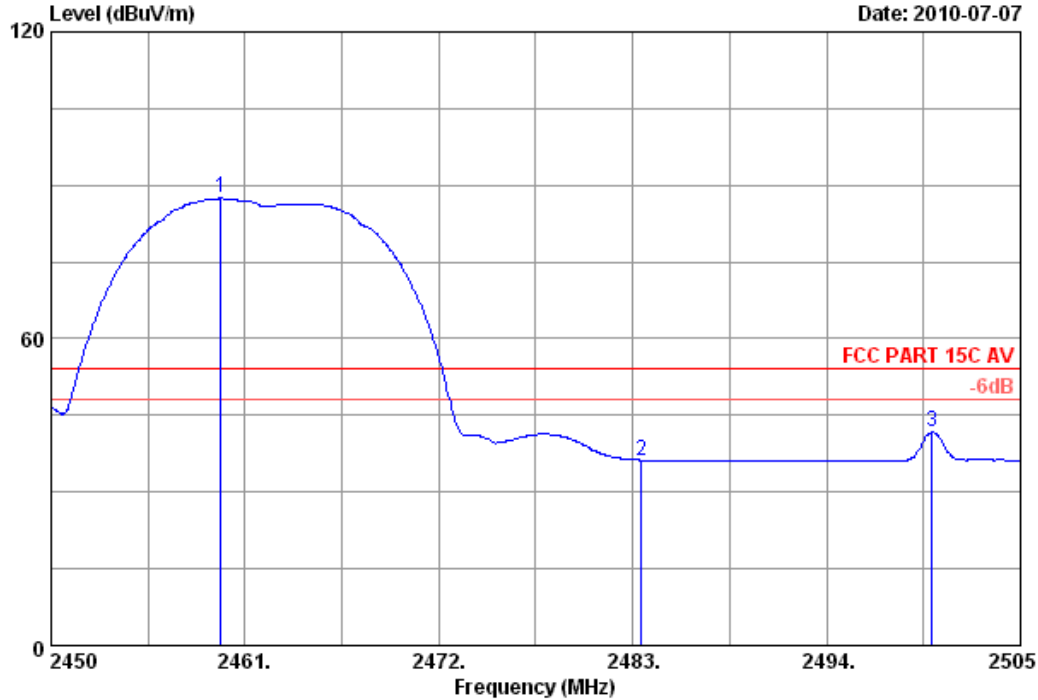
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 78 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 78         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C AV                        |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11b CH11 2462MHz Tx            |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |         |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1 | 2459.625       | 29.48                    | 7.54                  | 36.61                  | 87.02             | 87.43             | 54.00              | -33.43         | Average |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 35.78             | 36.25             | 54.00              | 17.75          | Average |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 41.11             | 41.63             | 54.00              | 12.37          | Average |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

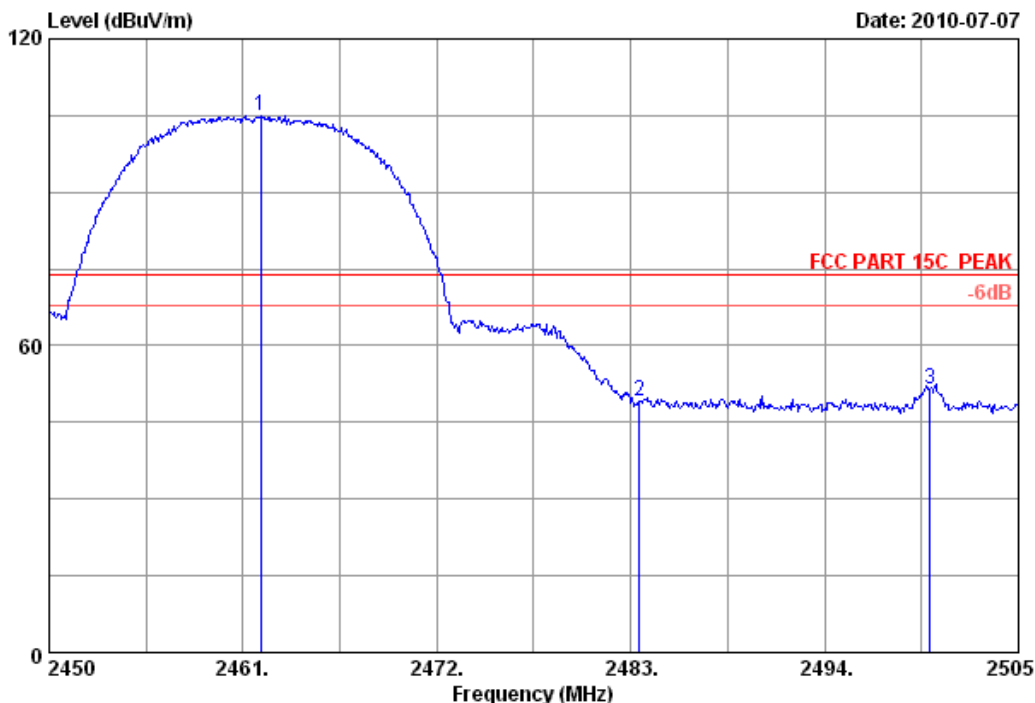


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 79

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



Site no. : 10m Chamber Data no. : 79  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11b CH11 2462MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 2461.990       | 29.48                    | 7.54                  | 36.61                  | 104.65            | 105.06                        | 74.00              | -31.06         | Peak   |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 48.79             | 49.26                         | 74.00              | 24.74          | Peak   |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 51.04             | 51.56                         | 74.00              | 22.44          | Peak   |

## Remarks:

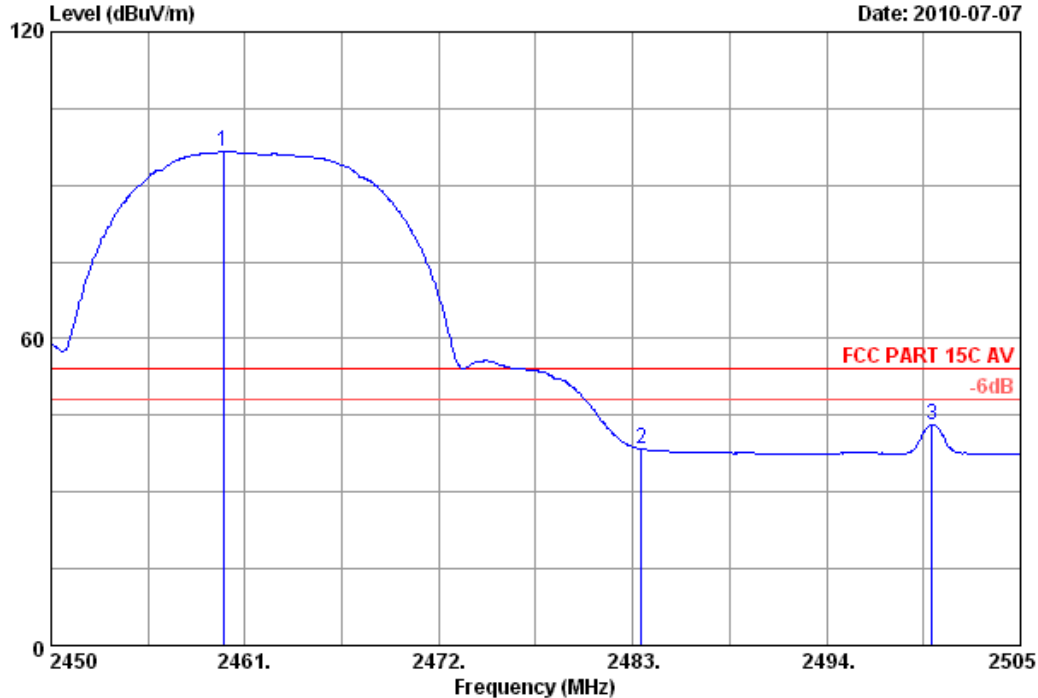
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 80 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 80       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C AV                        |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11b CH11 2462MHz Tx            |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |         |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1 | 2459.790       | 29.48                    | 7.54                  | 36.61                  | 96.08             | 96.49             | 54.00              | -42.49         | Average |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 37.96             | 38.43             | 54.00              | 15.57          | Average |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 42.67             | 43.19             | 54.00              | 10.81          | Average |

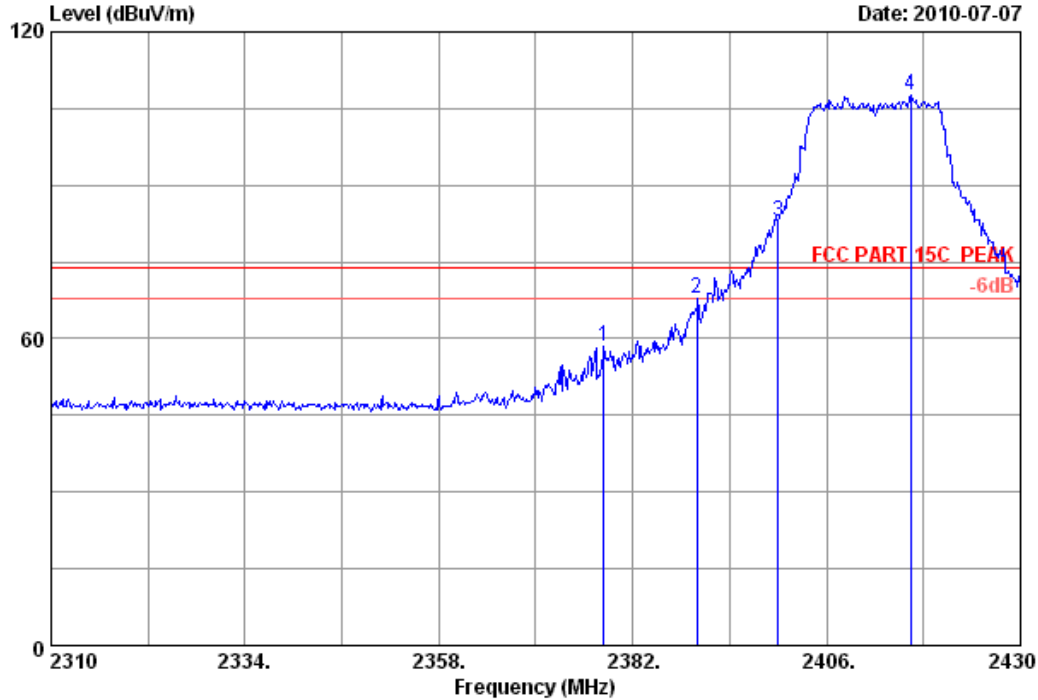
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 81 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 81  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11g CH1 2412MHz Tx  
M/N : Giada Slim-130

|       |          | Ant.  | Cable  | Amp.    |          | Emission |        |        |      |
|-------|----------|-------|--------|---------|----------|----------|--------|--------|------|
| Freq. | Factor   | loss  | Factor | Reading | Level    | Limits   | Margin | Remark |      |
| (MHz) | (dB/m)   | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |      |
| 1     | 2378.400 | 29.43 | 7.35   | 36.62   | 58.32    | 58.48    | 74.00  | 15.52  | Peak |
| 2     | 2390.000 | 29.44 | 7.39   | 36.62   | 67.60    | 67.81    | 74.00  | 6.19   | Peak |
| 3     | 2400.000 | 29.44 | 7.43   | 36.62   | 82.80    | 83.05    | 74.00  | -9.05  | Peak |
| 4     | 2416.440 | 29.45 | 7.43   | 36.61   | 107.29   | 107.56   | 74.00  | -33.56 | Peak |

Remarks:

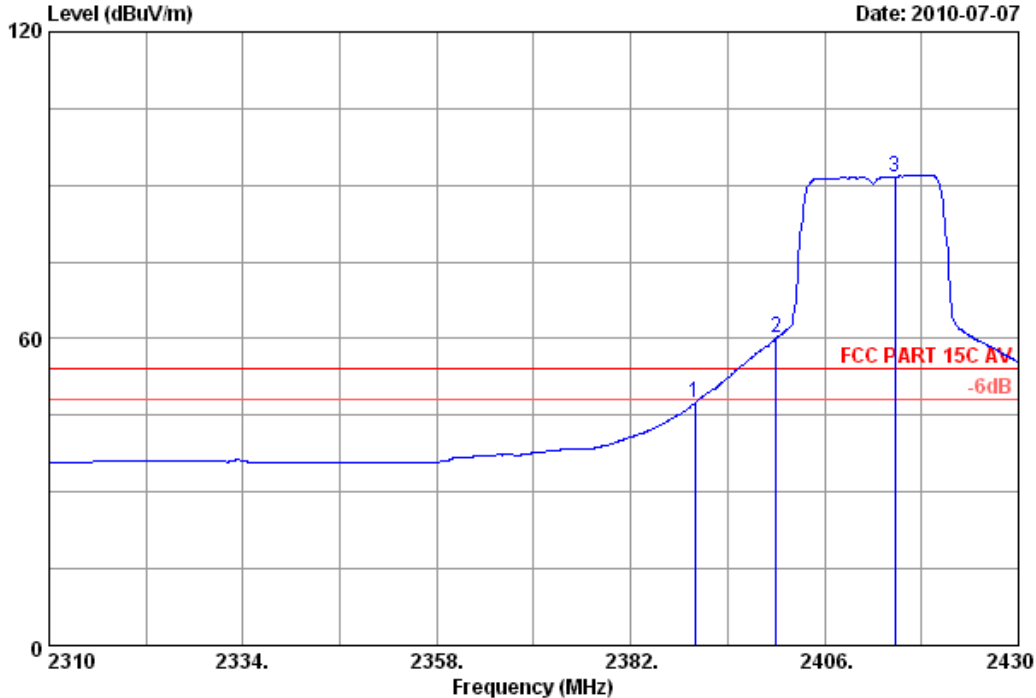
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 82 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



Site no. : 10m Chamber Data no. : 82  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11g CH1 2412MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |         |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 47.39             | 47.60             | 54.00              | 6.40           | Average |
| 2 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 59.87             | 60.12             | 54.00              | -6.12          | Average |
| 3 | 2414.760       | 29.45                    | 7.43                  | 36.62                  | 91.45             | 91.71             | 54.00              | -37.71         | Average |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

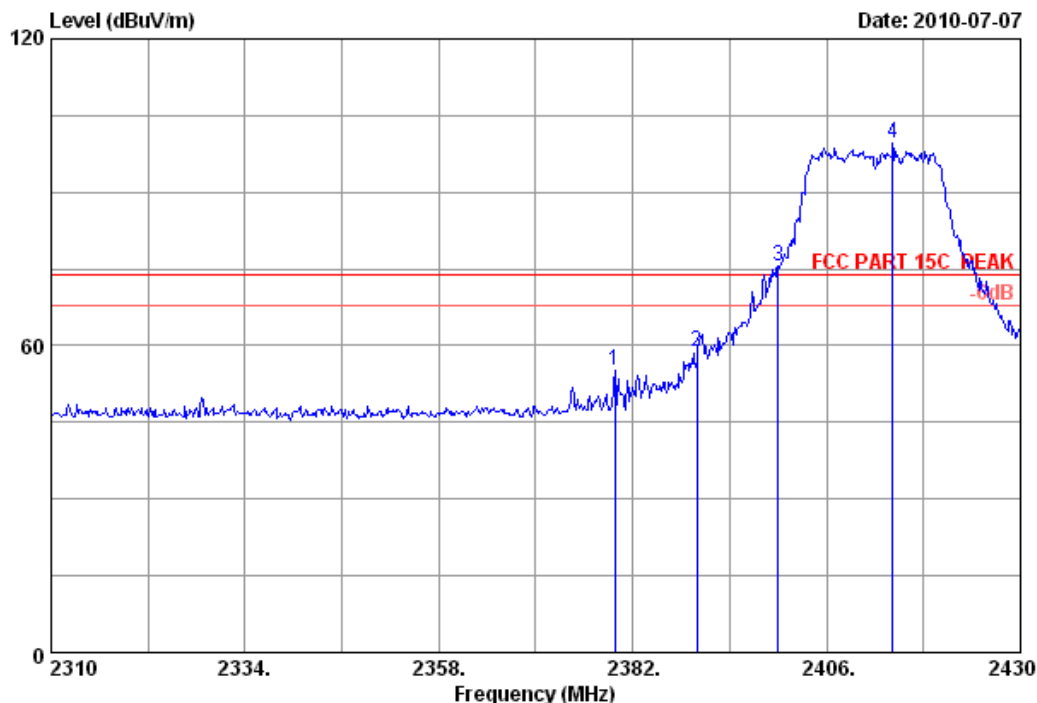


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 83

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



Site no. : 10m Chamber Data no. : 83  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11g CH1 2412MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2379.840       | 29.43                    | 7.39                  | 36.62                  | 54.86             | 55.06             | 74.00              | 18.94          | Peak   |
| 2 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 58.60             | 58.81             | 74.00              | 15.19          | Peak   |
| 3 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 75.28             | 75.53             | 74.00              | -1.53          | Peak   |
| 4 | 2414.160       | 29.45                    | 7.43                  | 36.62                  | 99.29             | 99.55             | 74.00              | -25.55         | Peak   |

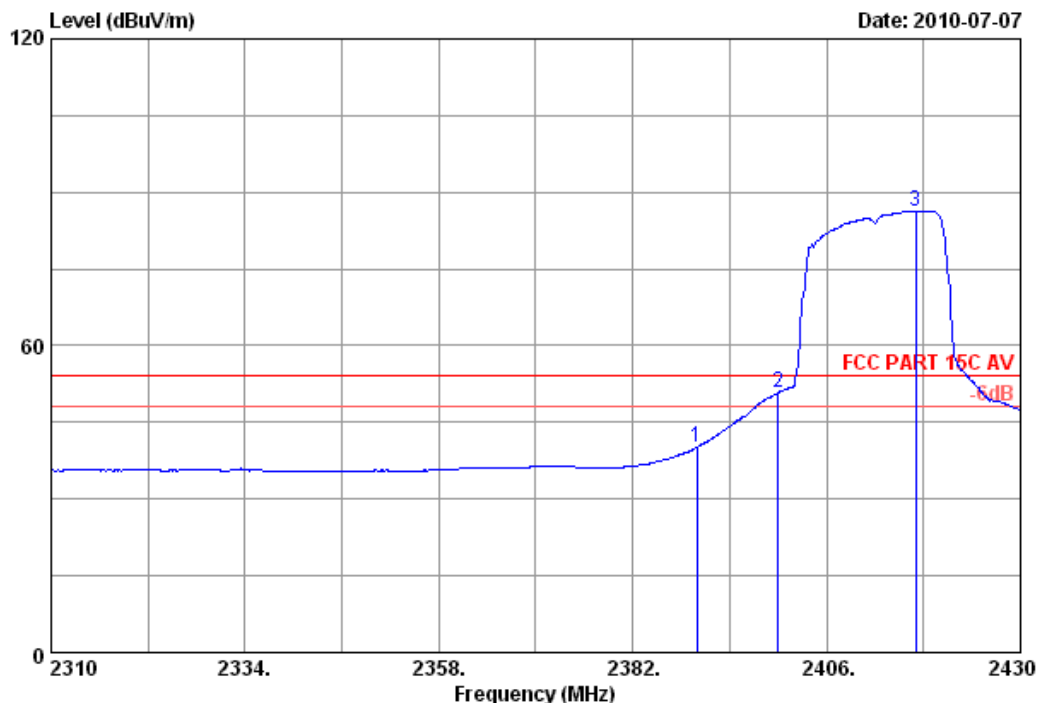
## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 84 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 84         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C AV                        |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11g CH1 2412MHz Tx             |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 39.97             | 40.18             | 54.00              | 13.82          | Average |
| 2 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 50.58             | 50.83             | 54.00              | 3.17           | Average |
| 3 | 2417.040       | 29.45                    | 7.43                  | 36.61                  | 86.12             | 86.39             | 54.00              | -32.39         | Average |

Remarks:

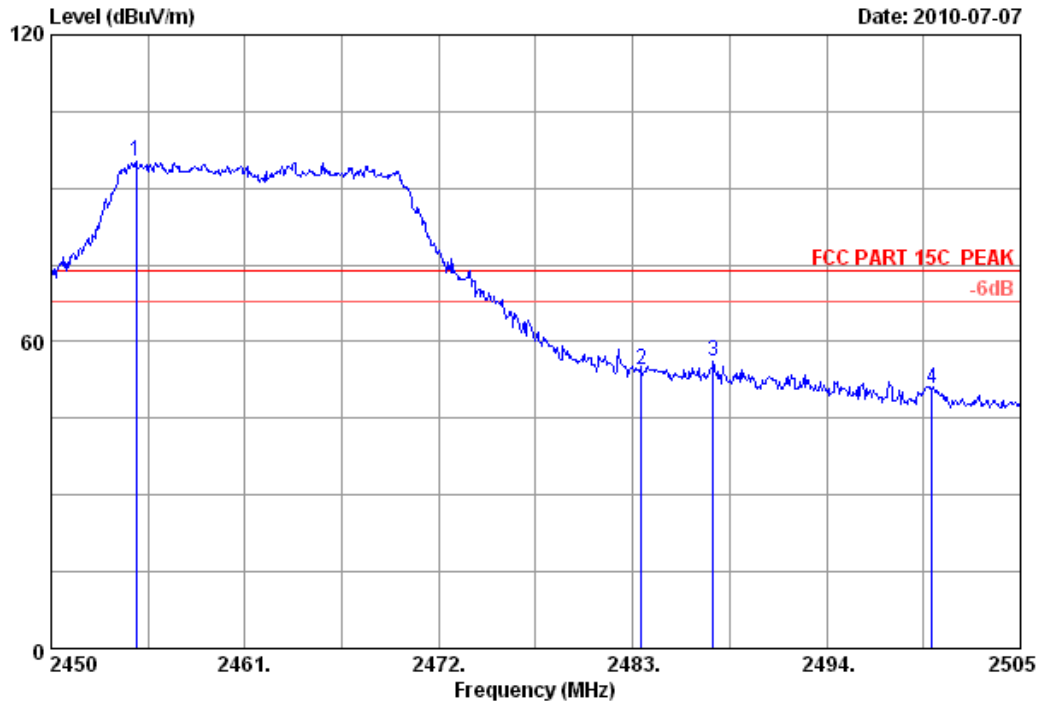
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.





No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 85 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 85         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11g CH11 2462MHz Tx            |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2454.840       | 29.48                    | 7.50                  | 36.61                  | 95.05             | 95.42             | 74.00              | -21.42         | Peak   |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 53.92             | 54.39             | 74.00              | 19.61          | Peak   |
| 3 | 2487.565       | 29.50                    | 7.58                  | 36.60                  | 55.77             | 56.25             | 74.00              | 17.75          | Peak   |
| 4 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 50.28             | 50.80             | 74.00              | 23.20          | Peak   |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

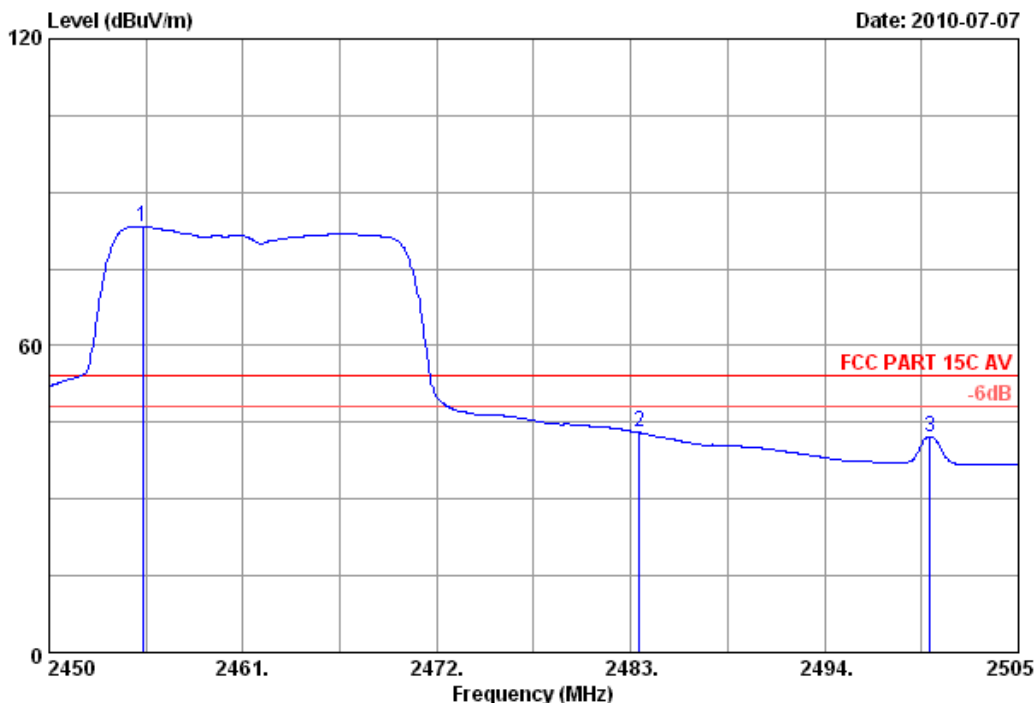


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 86

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



Site no. : 10m Chamber Data no. : 86  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11g CH11 2462MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |         |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1 | 2455.335       | 29.48                    | 7.50                  | 36.61                  | 82.92             | 83.29             | 54.00              | -29.29         | Average |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 42.55             | 43.02             | 54.00              | 10.98          | Average |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 41.73             | 42.25             | 54.00              | 11.75          | Average |

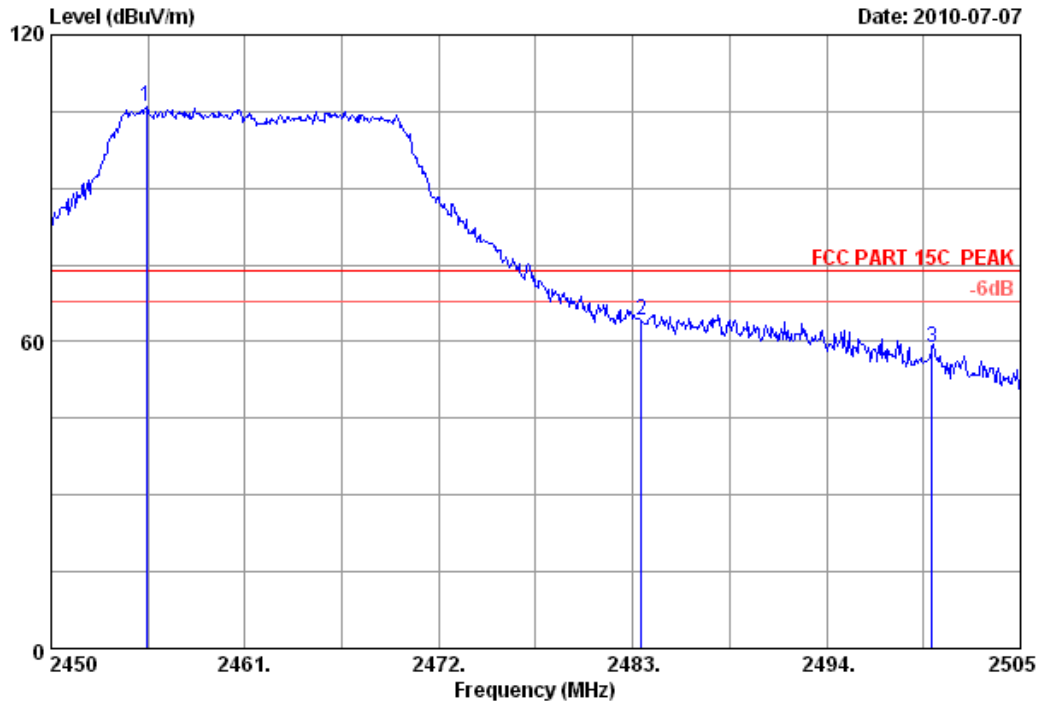
## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 87 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 87  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11g CH11 2462MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 2455.390       | 29.48                    | 7.50                  | 36.61                  | 105.58            | 105.95                        | 74.00              | -31.95         | Peak   |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 63.60             | 64.07                         | 74.00              | 9.93           | Peak   |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 58.36             | 58.88                         | 74.00              | 15.12          | Peak   |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

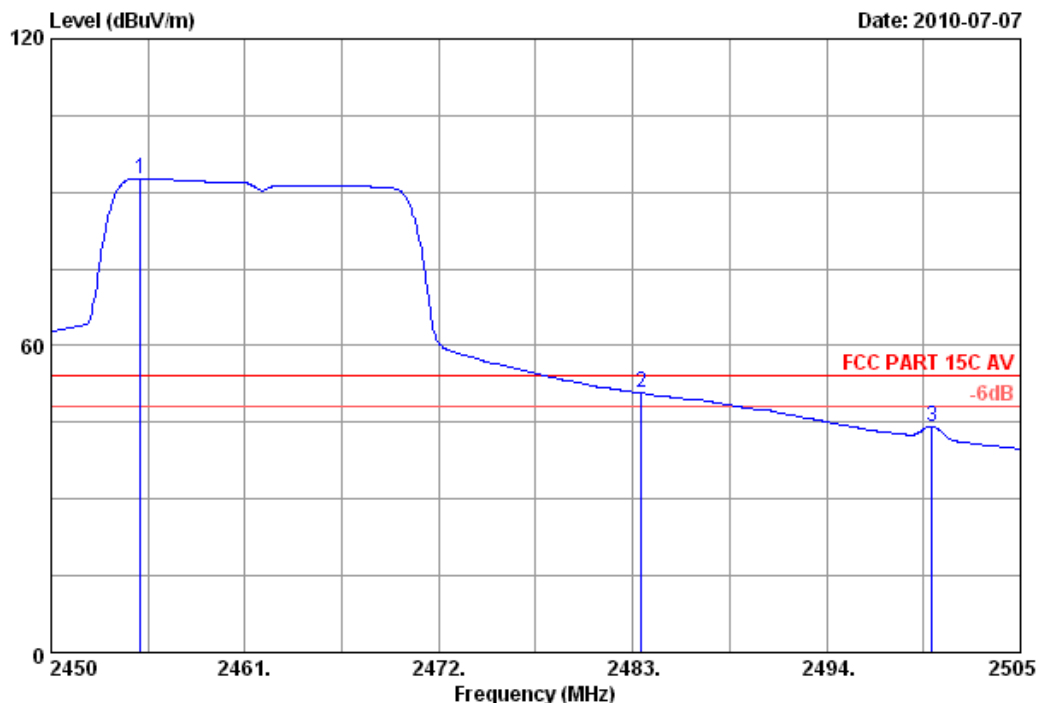


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 88

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 88       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C AV                        |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11g CH11 2462MHz Tx            |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 2455.060       | 29.48                    | 7.50                  | 36.61                  | 92.38             | 92.75             | 54.00              | -38.75         | Average |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 50.28             | 50.75             | 54.00              | 3.25           | Average |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 43.63             | 44.15             | 54.00              | 9.85           | Average |

## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

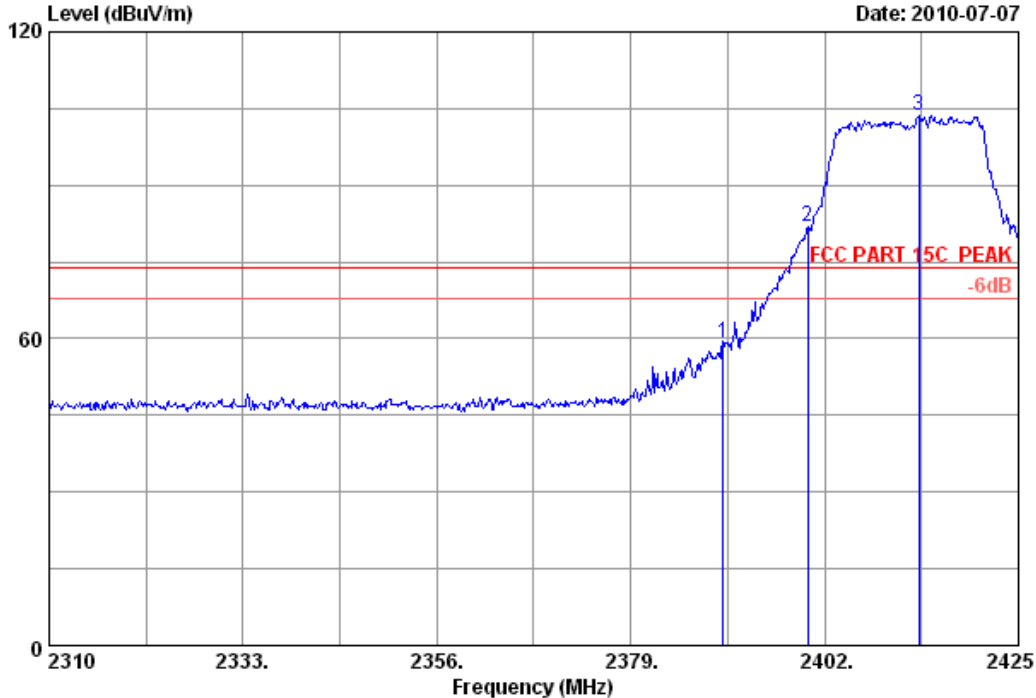


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 89

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



Site no. : 10m Chamber Data no. : 89  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT20 CH1 2412MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 58.81             | 59.02             | 74.00              | 14.98          | Peak   |
| 2 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 81.80             | 82.05             | 74.00              | -8.05          | Peak   |
| 3 | 2413.155       | 29.45                    | 7.43                  | 36.62                  | 103.42            | 103.68            | 74.00              | -29.68         | Peak   |

## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

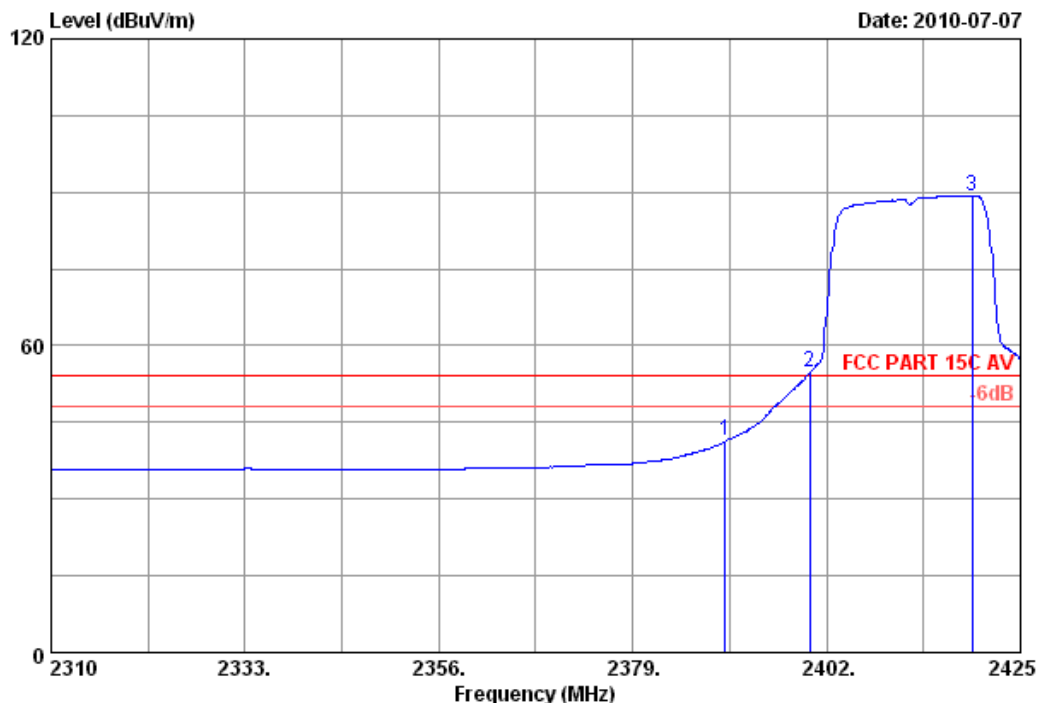


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 90

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



Site no. : 10m Chamber Data no. : 90  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT20 CH1 2412MHz Tx  
M/N : Giada Slim-130

|   | Freq.    | Ant.   | Cable | Amp.   |         | Emission |          |        |         |
|---|----------|--------|-------|--------|---------|----------|----------|--------|---------|
|   | (MHz)    | Factor | loss  | Factor | Reading | Level    | Limits   | Margin | Remark  |
|   |          | (dB/m) | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |         |
| 1 | 2390.000 | 29.44  | 7.39  | 36.62  | 41.15   | 41.36    | 54.00    | 12.64  | Average |
| 2 | 2400.000 | 29.44  | 7.43  | 36.62  | 54.60   | 54.85    | 54.00    | -0.85  | Average |
| 3 | 2419.250 | 29.45  | 7.46  | 36.61  | 89.10   | 89.40    | 54.00    | -35.40 | Average |

## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

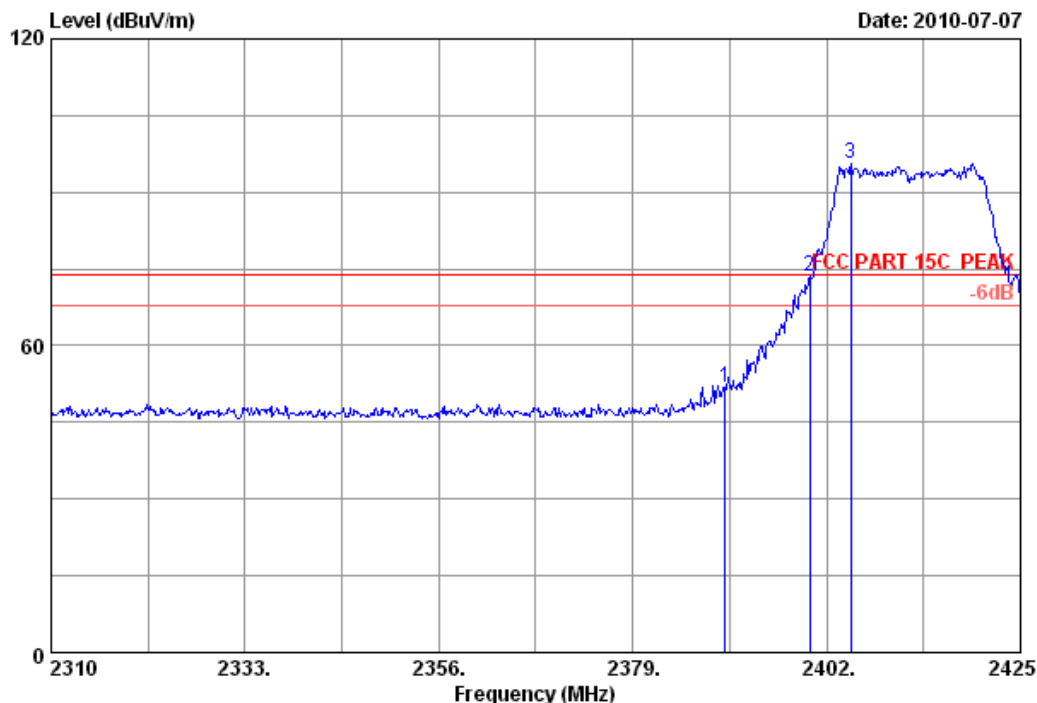


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 91

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



Site no. : 10m Chamber Data no. : 91  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT20 CH1 2412MHz Tx  
M/N : Giada Slim-130

|   |          | Ant.   | Cable | Amp.   |         | Emission |          |        |        |
|---|----------|--------|-------|--------|---------|----------|----------|--------|--------|
|   | Freq.    | Factor | loss  | Factor | Reading | Level    | Limits   | Margin | Remark |
|   | (MHz)    | (dB/m) | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 2390.000 | 29.44  | 7.39  | 36.62  | 51.51   | 51.72    | 74.00    | 22.28  | Peak   |
| 2 | 2400.000 | 29.44  | 7.43  | 36.62  | 73.16   | 73.41    | 74.00    | 0.59   | Peak   |
| 3 | 2404.875 | 29.45  | 7.43  | 36.62  | 95.19   | 95.45    | 74.00    | -21.45 | Peak   |

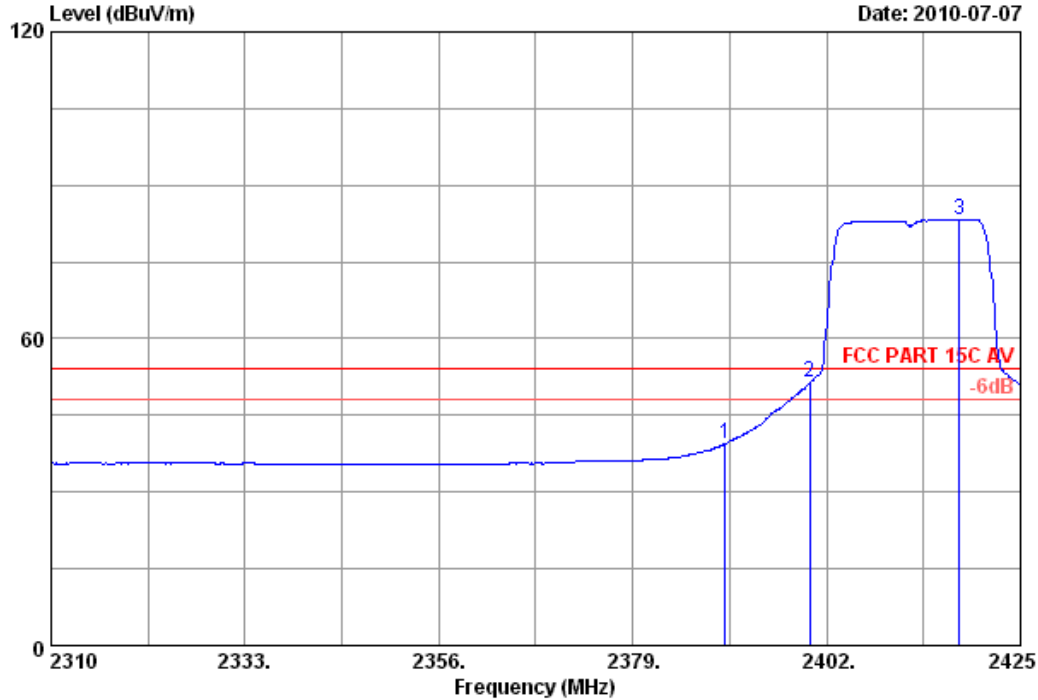
## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 92 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 92         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C AV                        |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT20 CH1 2412MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |         |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 39.32             | 39.53             | 54.00              | 14.47          | Average |
| 2 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 51.27             | 51.52             | 54.00              | 2.48           | Average |
| 3 | 2417.755       | 29.45                    | 7.43                  | 36.61                  | 83.09             | 83.36             | 54.00              | -29.36         | Average |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



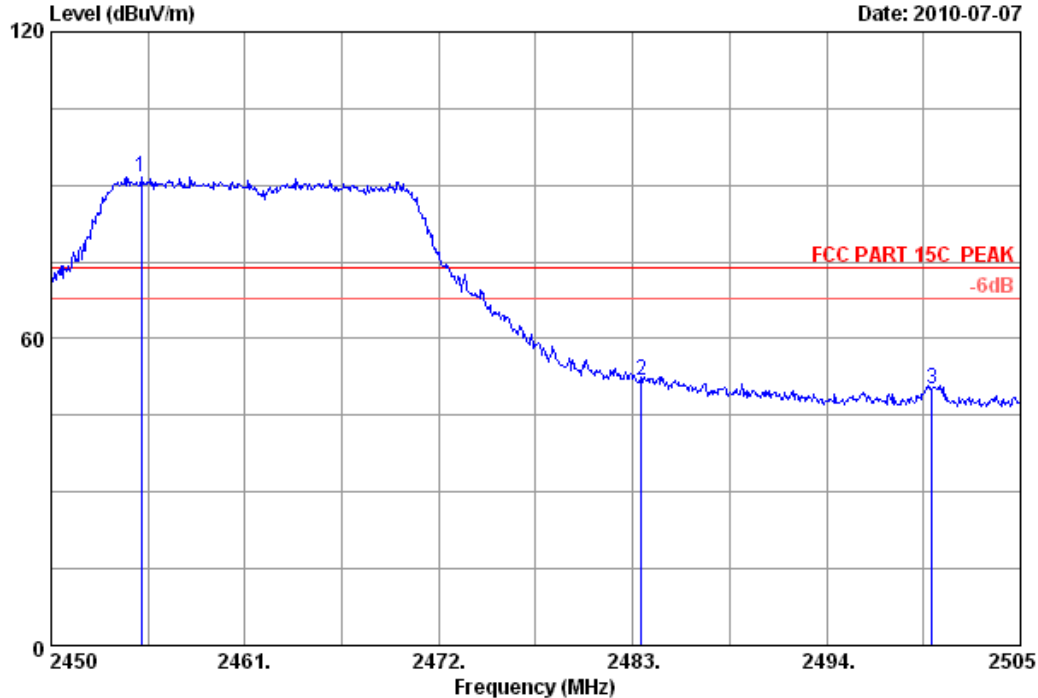


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 93

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



Site no. : 10m Chamber Data no. : 93  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT20 CH11 2462MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2455.115       | 29.48                    | 7.50                  | 36.61                  | 91.30             | 91.67             | 74.00              | -17.67         | Peak   |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 51.50             | 51.97             | 74.00              | 22.03          | Peak   |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 49.67             | 50.19             | 74.00              | 23.81          | Peak   |

## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

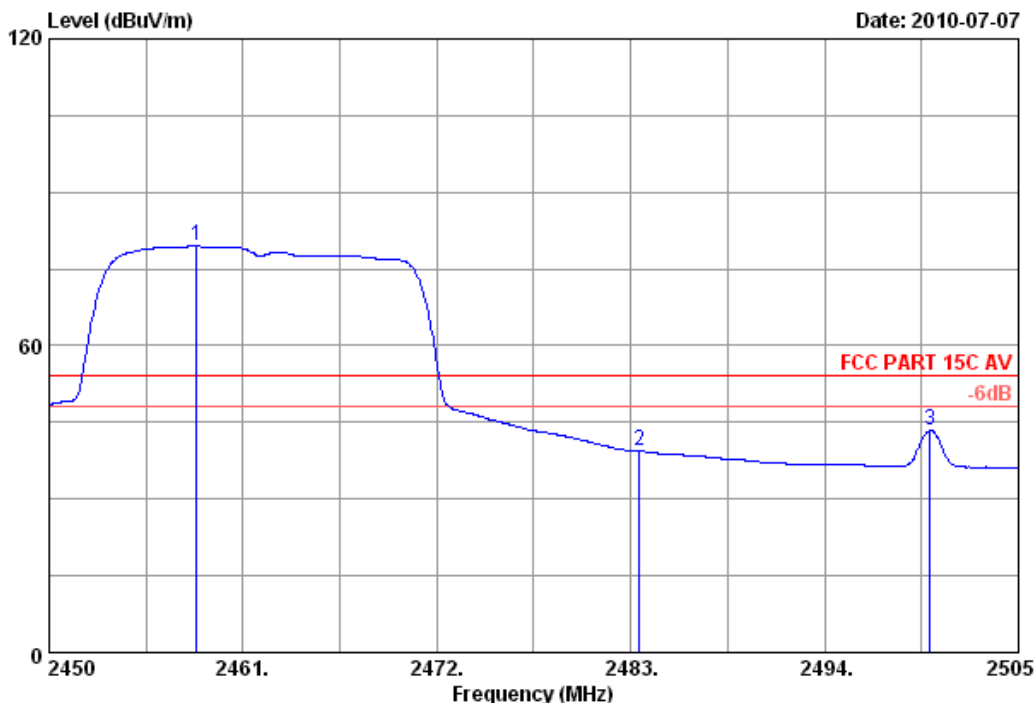


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 94

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 94         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C AV                        |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT20 CH11 2462MHz Tx       |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |         |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1 | 2458.360       | 29.48                    | 7.50                  | 36.61                  | 79.13             | 79.50             | 54.00              | -25.50         | Average |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 38.94             | 39.41             | 54.00              | 14.59          | Average |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 42.83             | 43.35             | 54.00              | 10.65          | Average |

## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

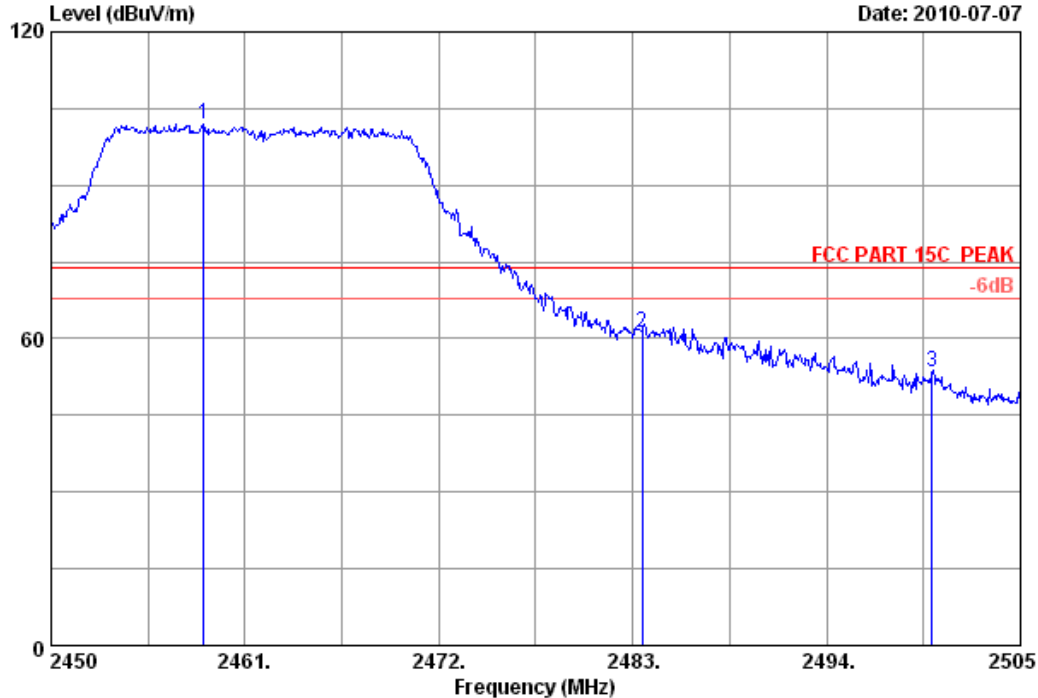


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 95

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



Site no. : 10m Chamber Data no. : 95  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT20 CH11 2462MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 2458.635       | 29.48                    | 7.50                  | 36.61                  | 101.69            | 102.06                        | 74.00              | -28.06         | Peak   |
| 2 | 2483.530       | 29.49                    | 7.58                  | 36.60                  | 60.85             | 61.32                         | 74.00              | 12.68          | Peak   |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 52.88             | 53.40                         | 74.00              | 20.60          | Peak   |

## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

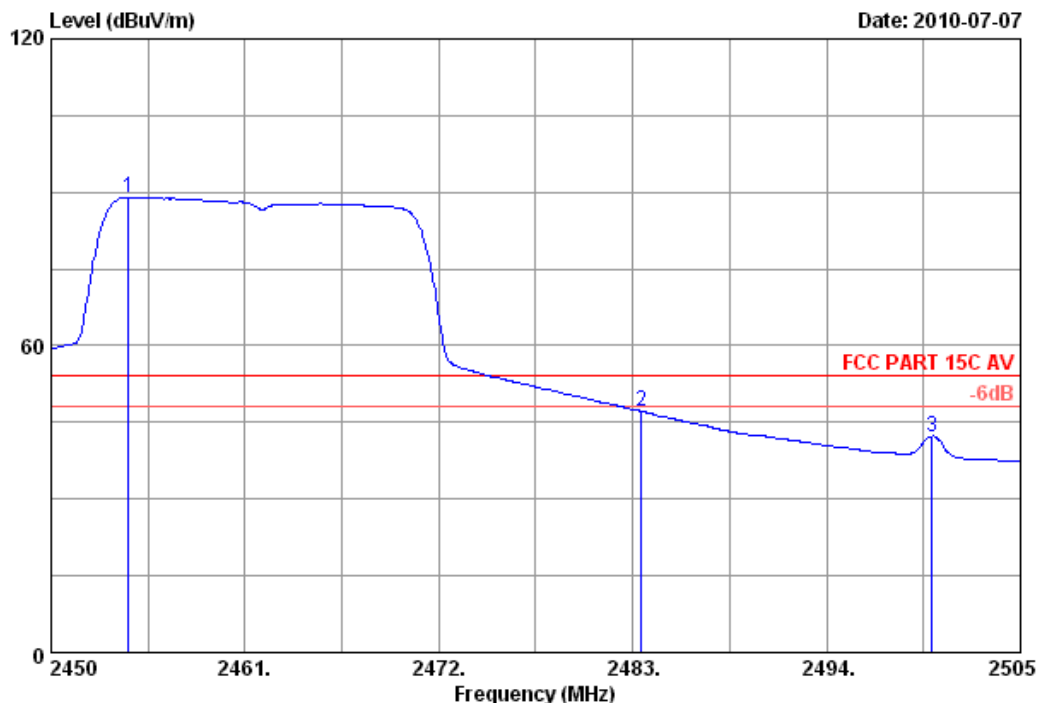


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 96

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 96       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C AV                        |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT20 CH11 2462MHz Tx       |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1 | 2454.400       | 29.48                    | 7.50                  | 36.61                  | 88.70             | 89.07             | 54.00              | -35.07         | Average |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 46.71             | 47.18             | 54.00              | 6.82           | Average |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 41.76             | 42.28             | 54.00              | 11.72          | Average |

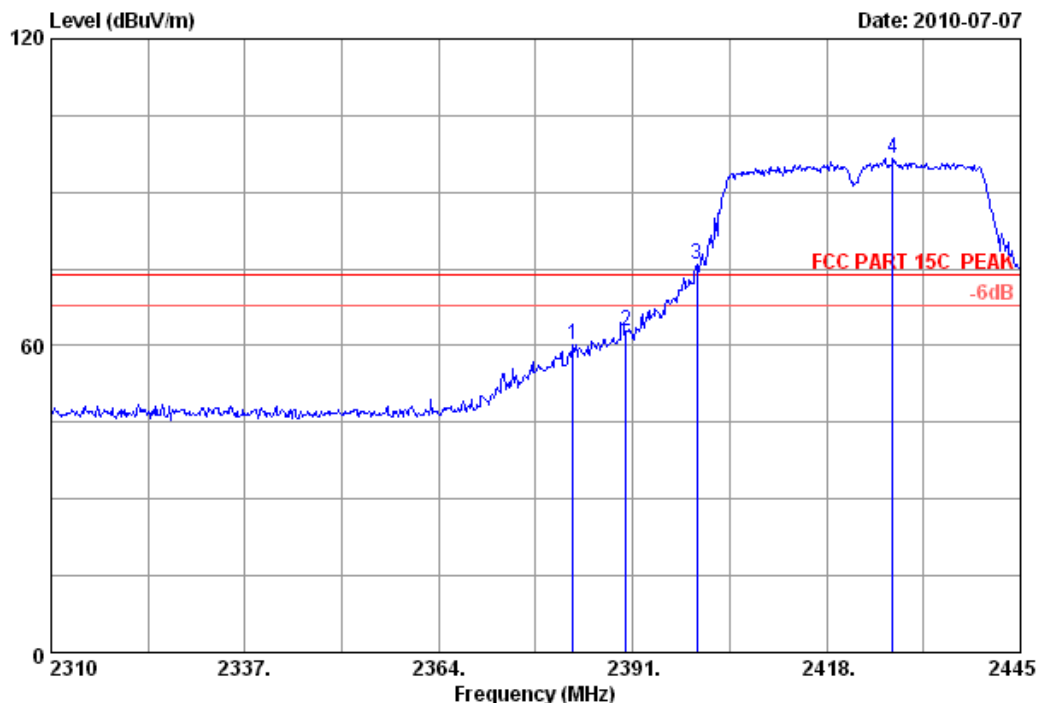
## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 97 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 97  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT40 CH1 2422MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2382.630       | 29.43                    | 7.39                  | 36.62                  | 60.09             | 60.29             | 74.00              | 13.71          | Peak   |
| 2 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 62.49             | 62.70             | 74.00              | 11.30          | Peak   |
| 3 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 75.46             | 75.71             | 74.00              | -1.71          | Peak   |
| 4 | 2427.180       | 29.46                    | 7.46                  | 36.61                  | 96.42             | 96.73             | 74.00              | -22.73         | Peak   |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

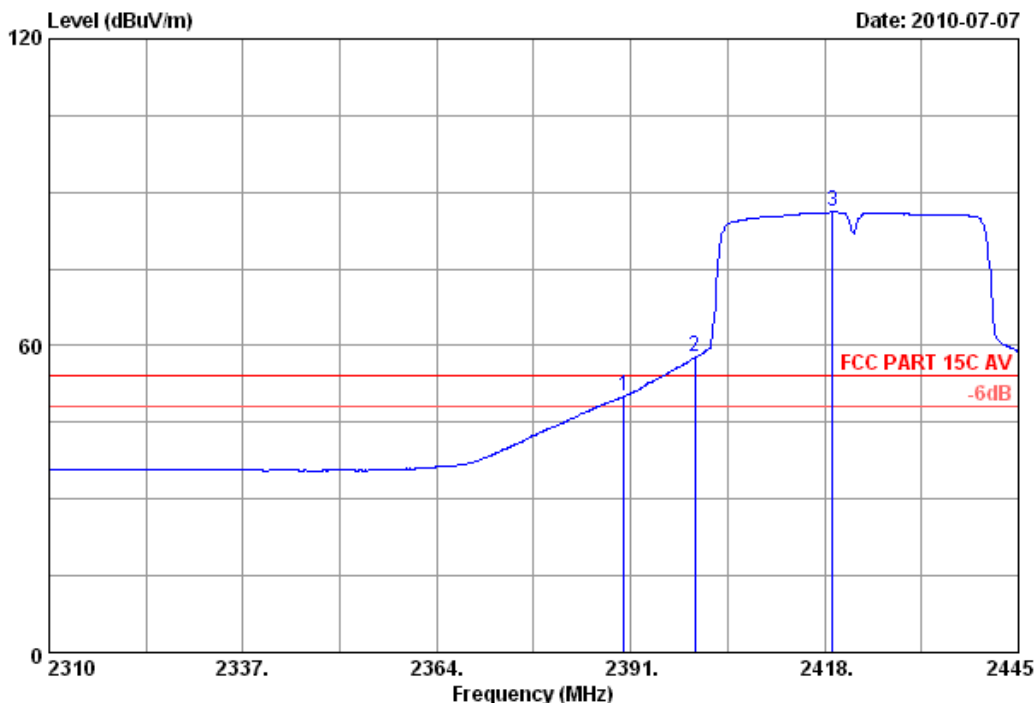


No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 98

File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



|             |  |           |            |
|-------------|--|-----------|------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 98       |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : VERTICAL |
| Limit       | : FCC PART 15C AV                        |           |            |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu |
| EUT         | : Mini PC                                |           |            |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |            |
| Test mode   | : IEEE802.11n HT40 CH1 2422MHz Tx        |           |            |
| M/N         | : Giada Slim-130                         |           |            |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |         |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 49.92             | 50.13             | 54.00              | 3.87           | Average |
| 2 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 57.46             | 57.71             | 54.00              | -3.71          | Average |
| 3 | 2419.080       | 29.45                    | 7.46                  | 36.61                  | 85.83             | 86.13             | 54.00              | -32.13         | Average |

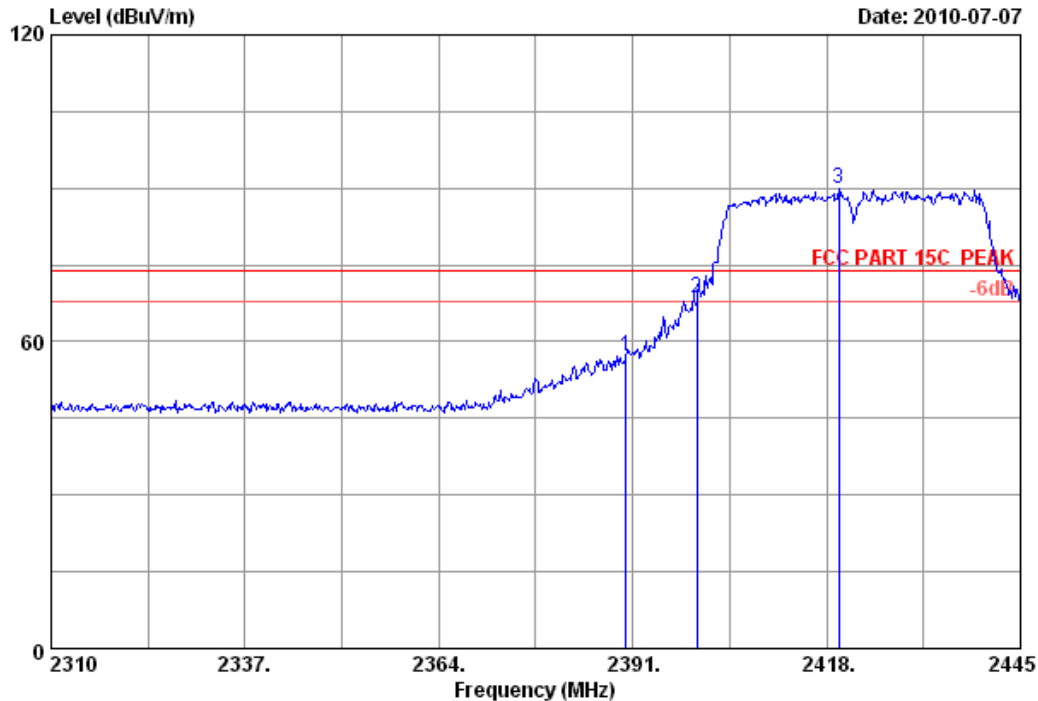
## Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 99 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 99         |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT40 CH1 2422MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 57.03             | 57.24             | 74.00              | 16.76          | Peak   |
| 2 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 68.15             | 68.40             | 74.00              | 5.60           | Peak   |
| 3 | 2419.755       | 29.46                    | 7.46                  | 36.61                  | 89.64             | 89.95             | 74.00              | -15.95         | Peak   |

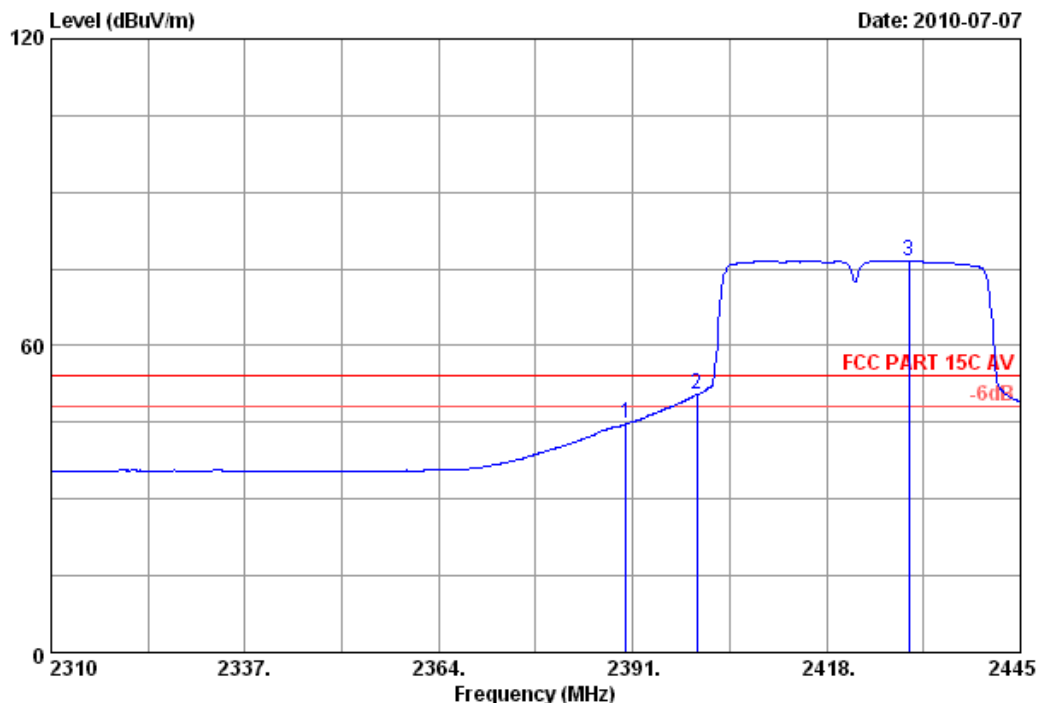
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 100 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 100  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT40 CH1 2422MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |         |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1 | 2390.000       | 29.44                    | 7.39                  | 36.62                  | 44.42             | 44.63             | 54.00              | 9.37           | Average |
| 2 | 2400.000       | 29.44                    | 7.43                  | 36.62                  | 50.18             | 50.43             | 54.00              | 3.57           | Average |
| 3 | 2429.475       | 29.46                    | 7.46                  | 36.61                  | 76.28             | 76.59             | 54.00              | -22.59         | Average |

Remarks:

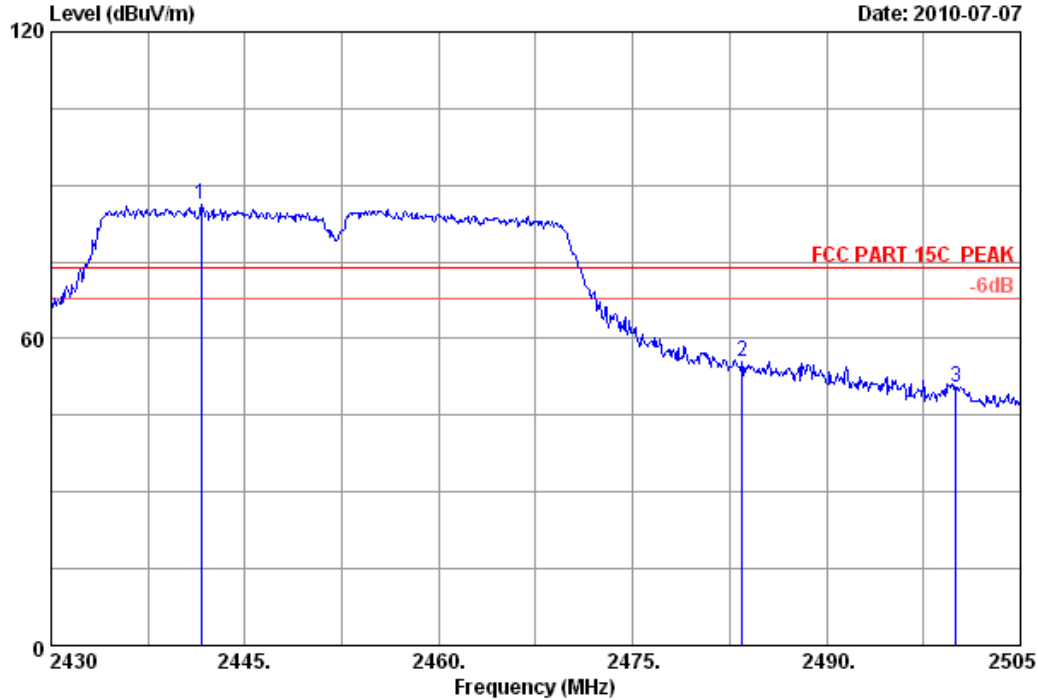
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.





No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 101 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 101        |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C PEAK                      |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT40 CH7 2452MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.    | Ant.   | Cable | Amp.   |         | Emission |          |        |        |
|---|----------|--------|-------|--------|---------|----------|----------|--------|--------|
|   | (MHz)    | Factor | loss  | Factor | Reading | Level    | Limits   | Margin | Remark |
|   |          | (dB/m) | (dB)  | (dB)   | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 2441.625 | 29.47  | 7.50  | 36.61  | 85.85   | 86.21    | 74.00    | -12.21 | Peak   |
| 2 | 2483.500 | 29.49  | 7.58  | 36.60  | 54.95   | 55.42    | 74.00    | 18.58  | Peak   |
| 3 | 2500.000 | 29.50  | 7.62  | 36.60  | 50.05   | 50.57    | 74.00    | 23.43  | Peak   |

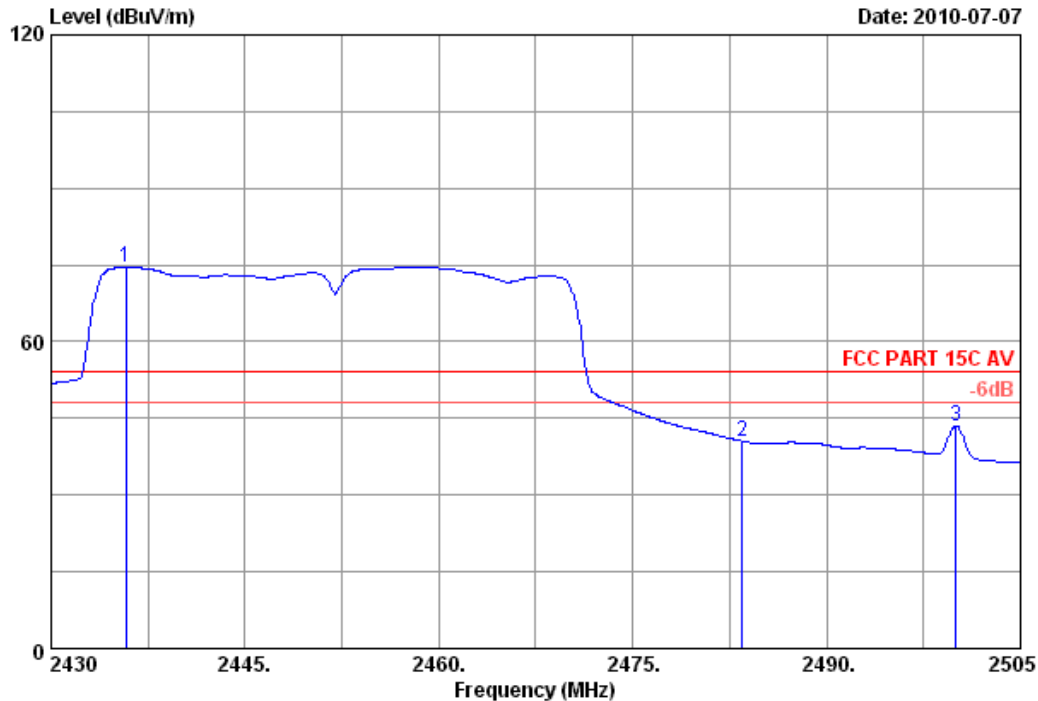
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 102 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



|             |  |           |              |
|-------------|--|-----------|--------------|
| Site no.    | : 10m Chamber                            | Data no.  | : 102        |
| Dis. / Ant. | : 3m 3115(0911)                          | Ant. pol. | : HORIZONTAL |
| Limit       | : FCC PART 15C AV                        |           |              |
| Env. / Ins. | : 23°C/54%                               | Engineer  | : Sunny-lu   |
| EUT         | : Mini PC                                |           |              |
| Power       | : DC 19V From Adapter Input AC 120V/60Hz |           |              |
| Test mode   | : IEEE802.11n HT40 CH7 2452MHz Tx        |           |              |
| M/N         | : Giada Slim-130                         |           |              |

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |         |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|---------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1 | 2435.775       | 29.46                    | 7.46                  | 36.61                  | 74.32             | 74.63             | 54.00              | -20.63         | Average |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 40.04             | 40.51             | 54.00              | 13.49          | Average |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 42.94             | 43.46             | 54.00              | 10.54          | Average |

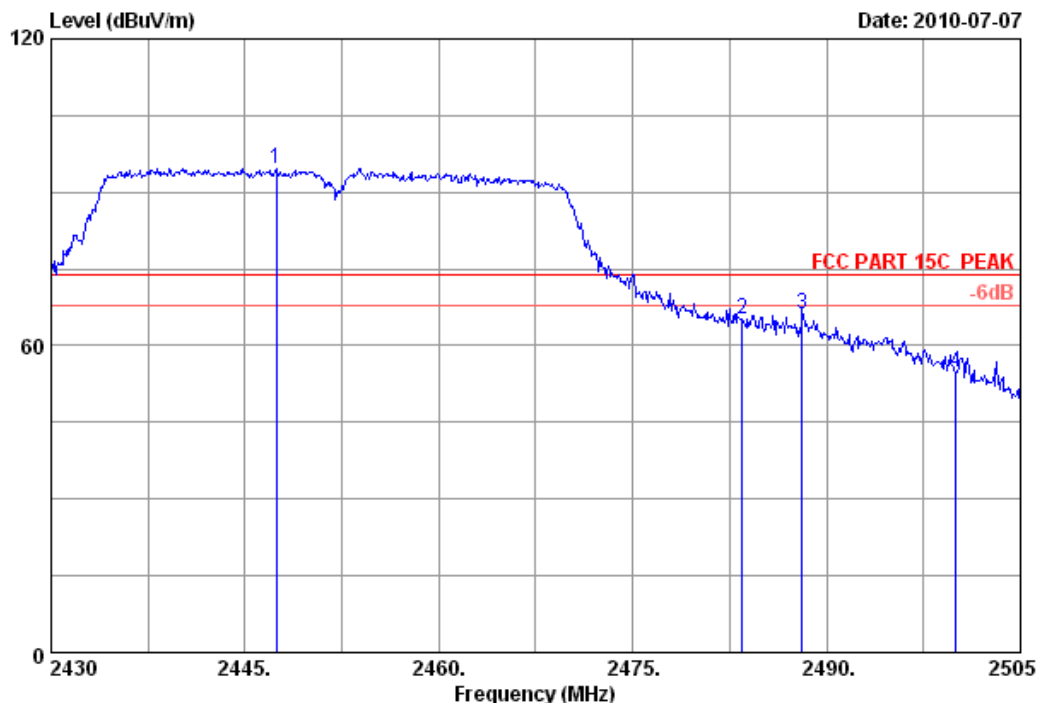
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 103 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)



Site no. : 10m Chamber Data no. : 103  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT40 CH7 2452MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission          |                    |                |        |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------|--------------------|----------------|--------|
|   |                |                          |                       |                        |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1 | 2447.400       | 29.47                    | 7.50                  | 36.61                  | 94.33             | 94.69             | 74.00              | -20.69         | Peak   |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 64.57             | 65.04             | 74.00              | 8.96           | Peak   |
| 3 | 2488.125       | 29.50                    | 7.58                  | 36.60                  | 65.60             | 66.08             | 74.00              | 7.92           | Peak   |
| 4 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 54.45             | 54.97             | 74.00              | 19.03          | Peak   |

Remarks:

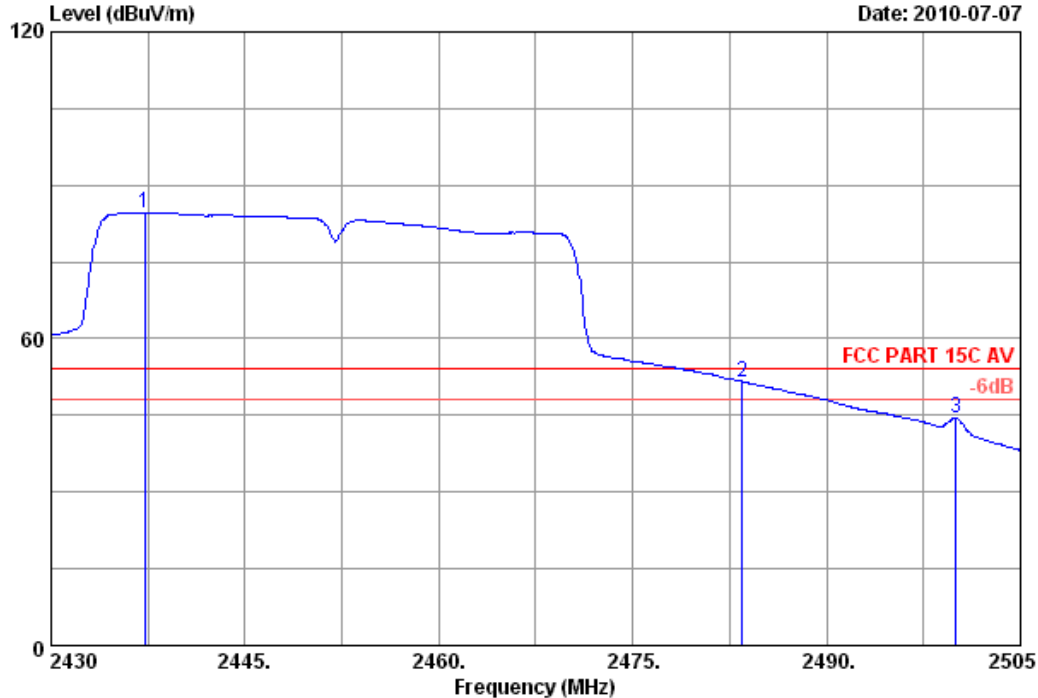
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,  
ShenZhen Science & Industry Park  
Noutou,ShenZhen,GuangDong,China  
Tel:+86-755-26639495-7  
Fax:+86-755-26632877  
Postcode:518057

Data: 104 File: E:\2010 report data\JACS10Q0886R2-1.EM6 (104)

Date: 2010-07-07



Site no. : 10m Chamber Data no. : 104  
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 23°C/54% Engineer : Sunny-lu  
EUT : Mini PC  
Power : DC 19V From Adapter Input AC 120V/60Hz  
Test mode : IEEE802.11n HT40 CH7 2452MHz Tx  
M/N : Giada Slim-130

|   | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>loss<br>(dB) | Amp.<br>Factor<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|---------|
| 1 | 2437.226       | 29.47                    | 7.46                  | 36.61                  | 84.38             | 84.70                         | 54.00              | -30.70         | Average |
| 2 | 2483.500       | 29.49                    | 7.58                  | 36.60                  | 51.08             | 51.55                         | 54.00              | 2.45           | Average |
| 3 | 2500.000       | 29.50                    | 7.62                  | 36.60                  | 43.85             | 44.37                         | 54.00              | 9.63           | Average |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 7. 6dB Bandwidth Test

### 7.1. Test Equipment

| Item | Equipment         | Manufacturer | Model No.    | Serial No. | Last Cal.  | Cal. Interval |
|------|-------------------|--------------|--------------|------------|------------|---------------|
| 1.   | Spectrum Analyzer | Agilent      | E4446A       | US44300459 | May.08, 10 | 1 Year        |
| 2.   | Attenuator        | Agilent      | 8491B        | MY39262165 | May.08, 10 | 1 Year        |
| 3.   | RF Cable          | Hubersuhner  | SUCOFLEX 102 | 28618/2    | May.08, 10 | 1 Year        |

### 7.2. Limit

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500kHz

### 7.3. Test Procedure

The transmitter output was connected to a spectrum analyzer, The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100kHz RBW and 300 kHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

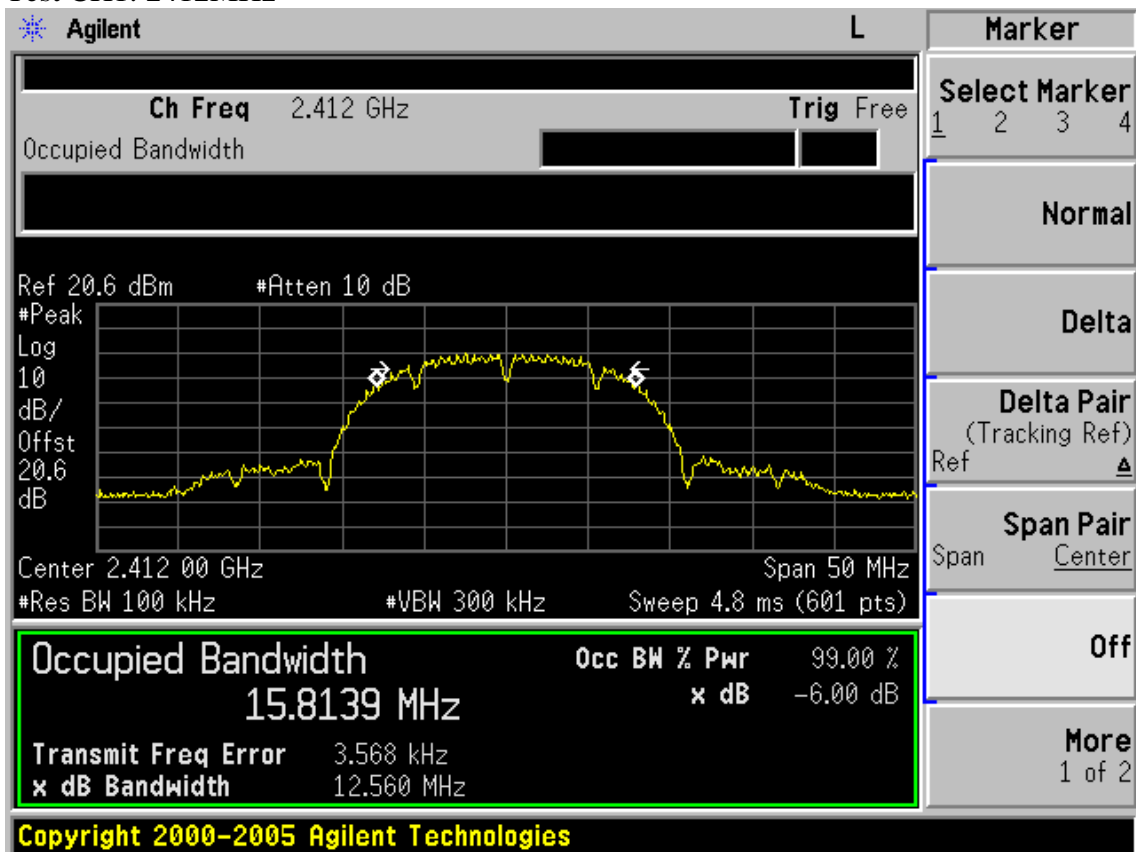
### 7.4. Test Results

|                       |                    |                     |
|-----------------------|--------------------|---------------------|
| EUT: Mini PC          |                    |                     |
| M/N: Giada Slim -i30  |                    |                     |
| Test date: 2010-07-08 | Pressure: 100.6kpa | Humidity: 60 %      |
| Tested by: Sunny-lu   | Test site: RF Site | Temperature : 26 °C |

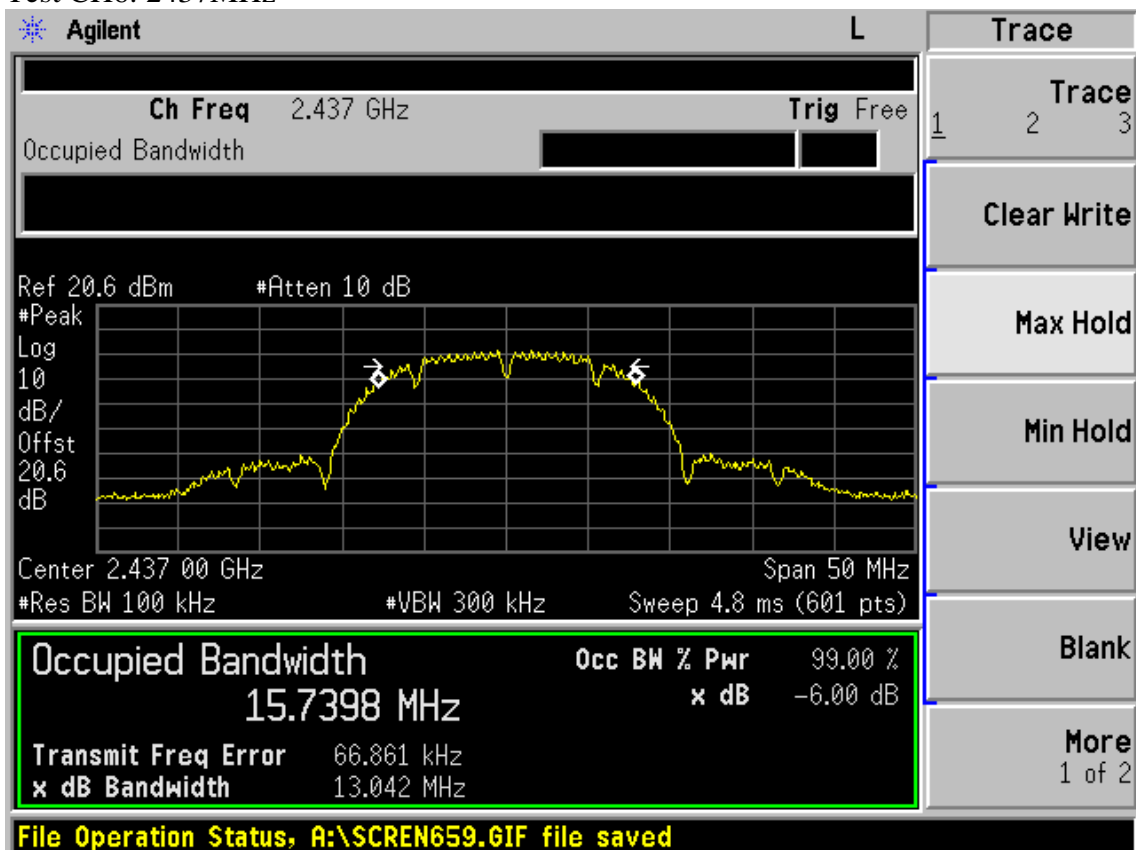
| Cable loss: 0.6 dB |      | Attenuator loss: 20 dB | Antenna Gain: 3.62dBi |
|--------------------|------|------------------------|-----------------------|
| Test Mode          | CH   | Result                 | Limit (KHz)           |
|                    |      | 6dB bandwidth ( MHz )  |                       |
| 11b                | CH1  | 12.560                 | >500                  |
|                    | CH6  | 13.042                 | >500                  |
|                    | CH11 | 12.084                 | >500                  |
| 11g                | CH1  | 16.520                 | >500                  |
|                    | CH6  | 16.567                 | >500                  |
|                    | CH11 | 16.590                 | >500                  |
| 11n HT20           | CH1  | 17.791                 | >500                  |
|                    | CH6  | 17.715                 | >500                  |
|                    | CH11 | 17.698                 | >500                  |
| 11n HT40           | CH1  | 36.389                 | >500                  |
|                    | CH4  | 36.171                 | >500                  |
|                    | CH7  | 36.433                 | >500                  |
| Conclusion : PASS  |      |                        |                       |

Test Mode: IEEE 802.11b TX

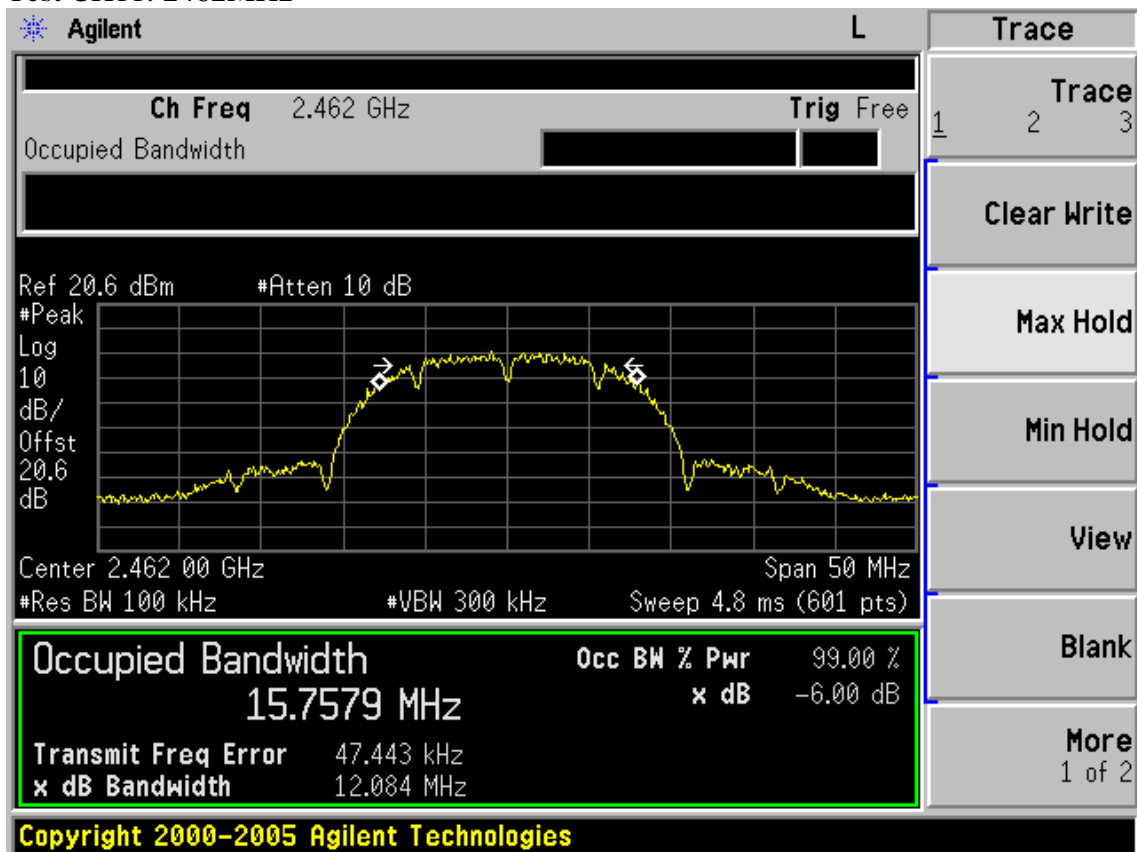
Test CH1: 2412MHz



Test CH6: 2437MHz

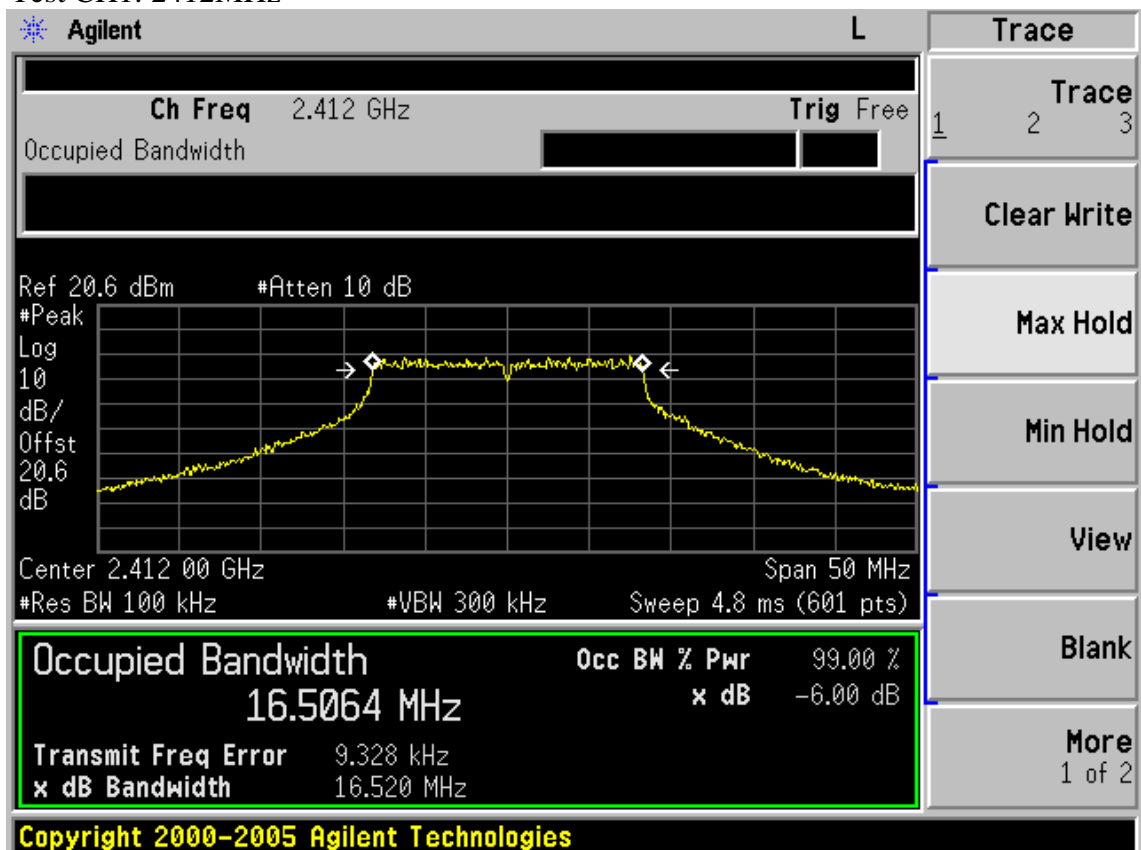


Test CH11: 2462MHz

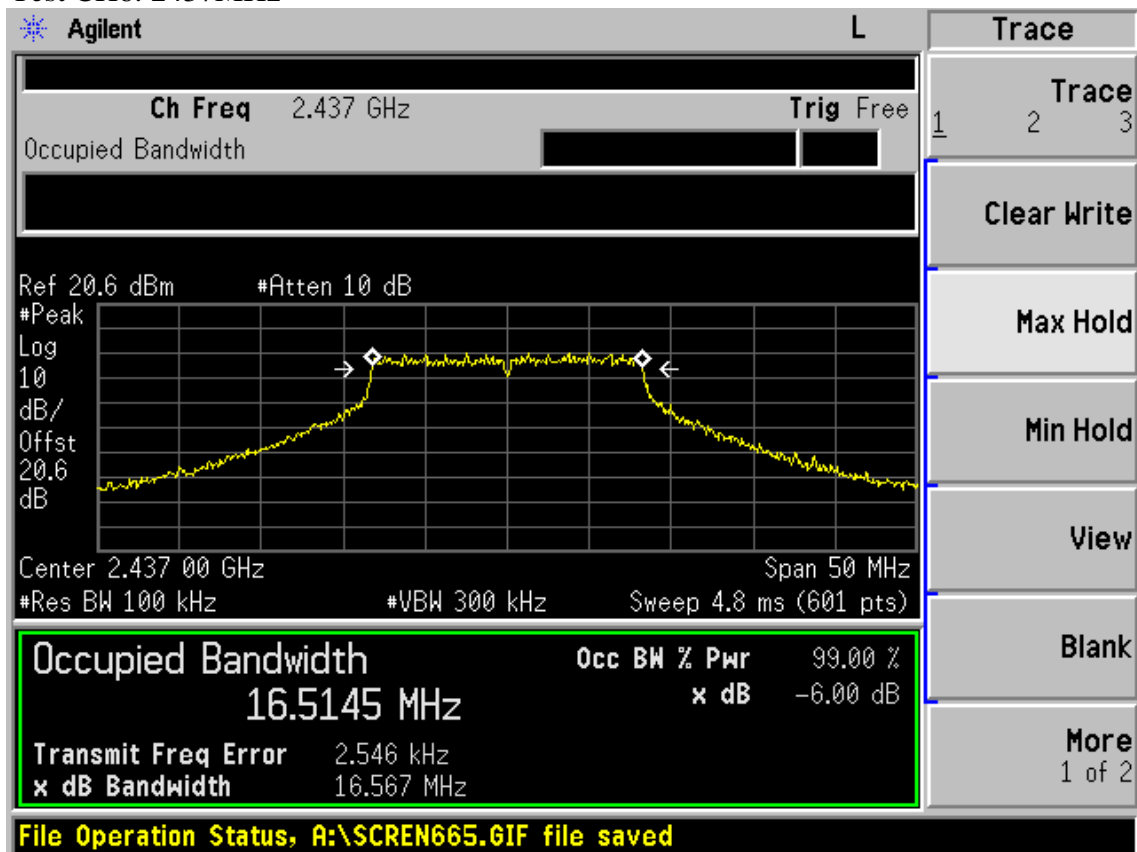


Test Mode: IEEE 802.11g TX

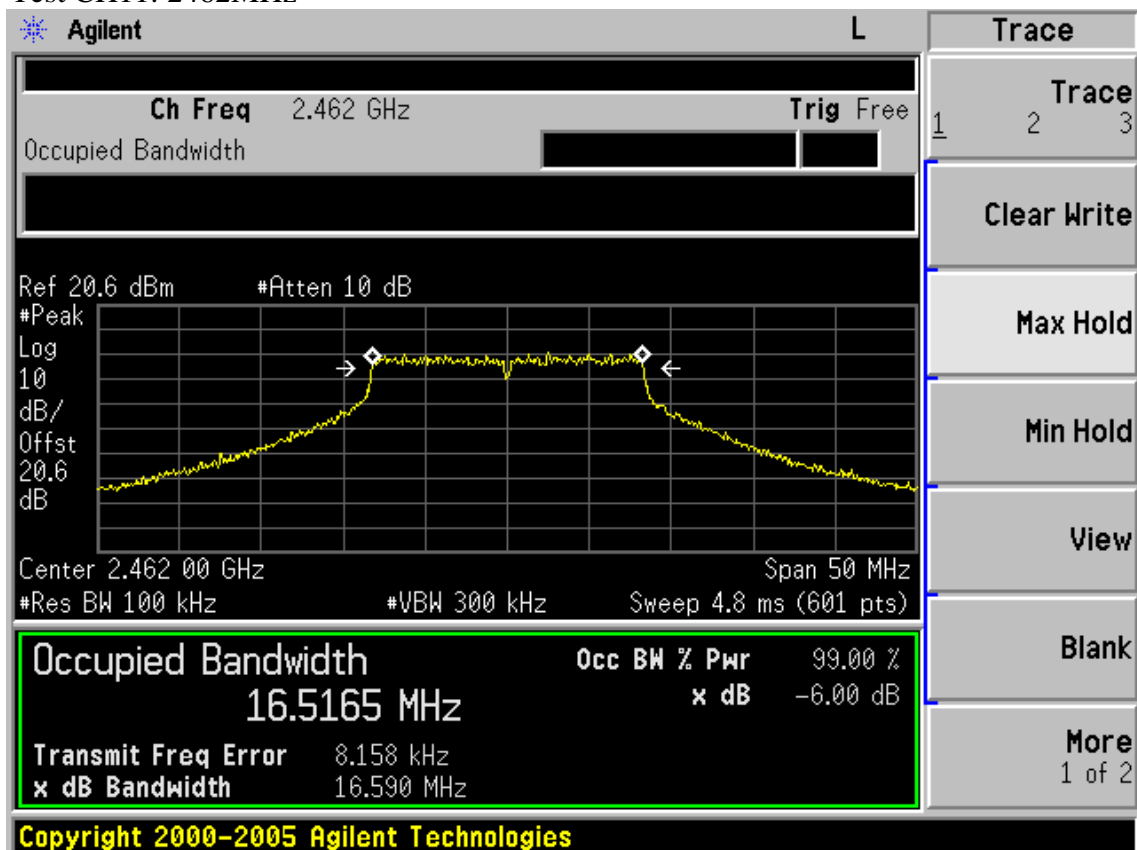
Test CH1: 2412MHz



Test CH6: 2437MHz



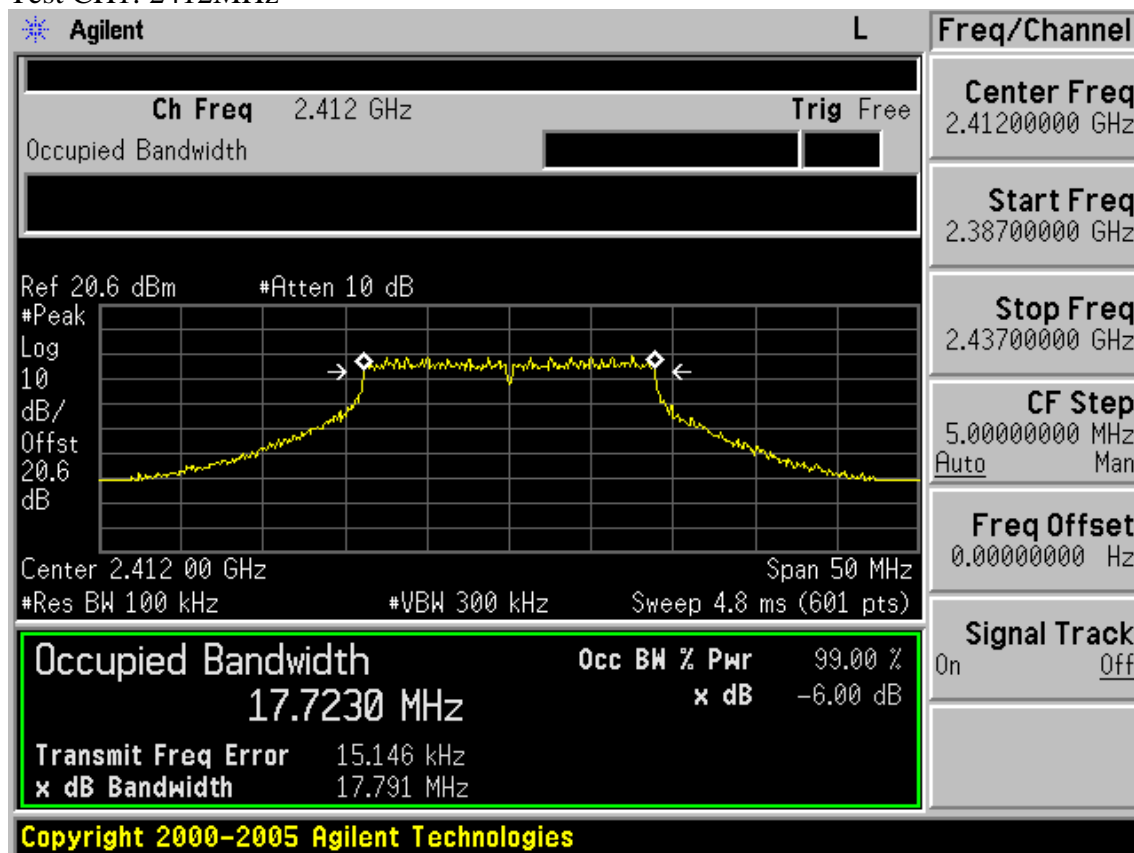
Test CH11: 2462MHz



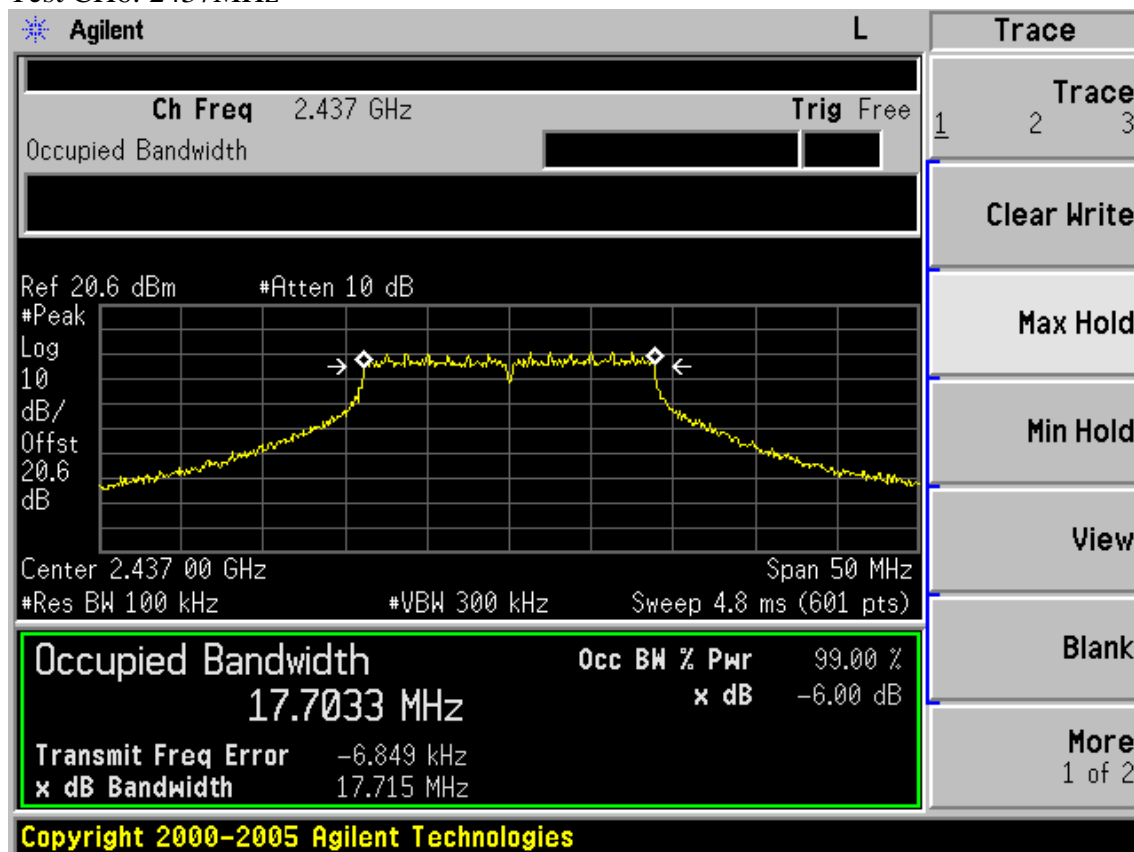


Test Mode: IEEE 802.11n HT20

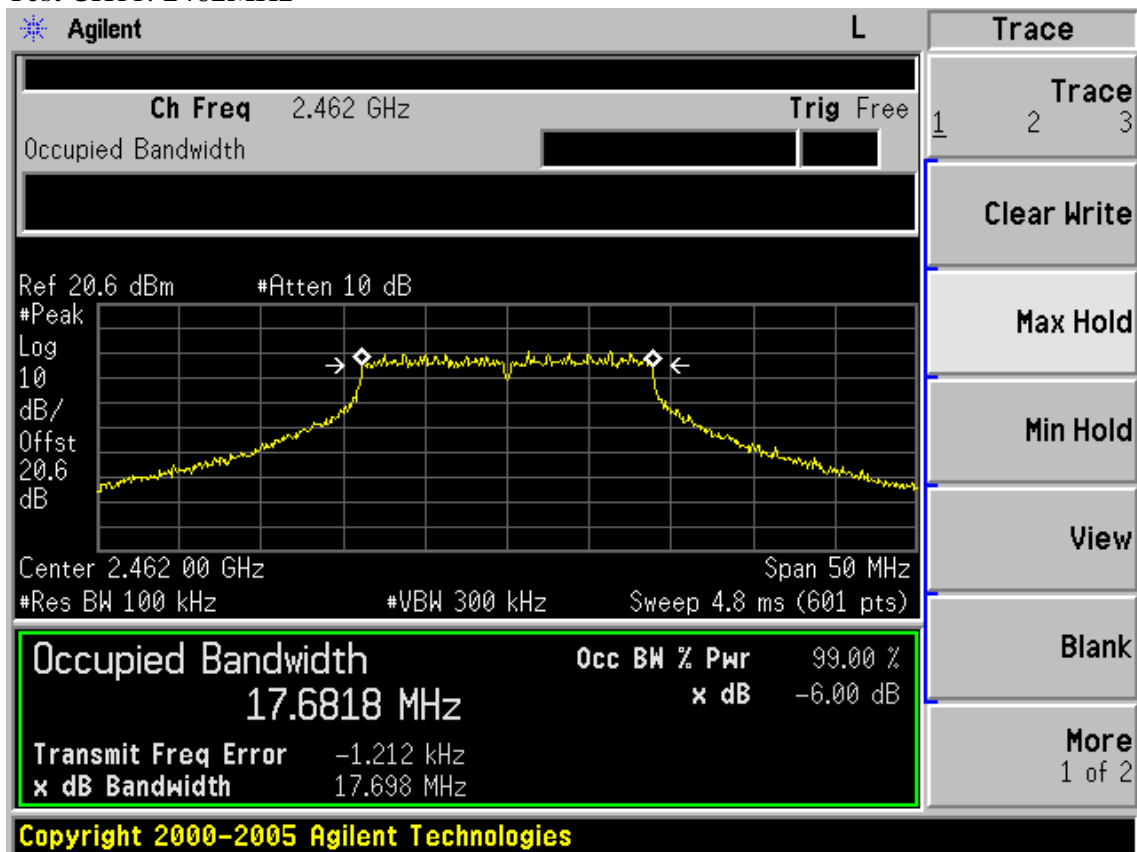
Test CH1: 2412MHz



Test CH6: 2437MHz

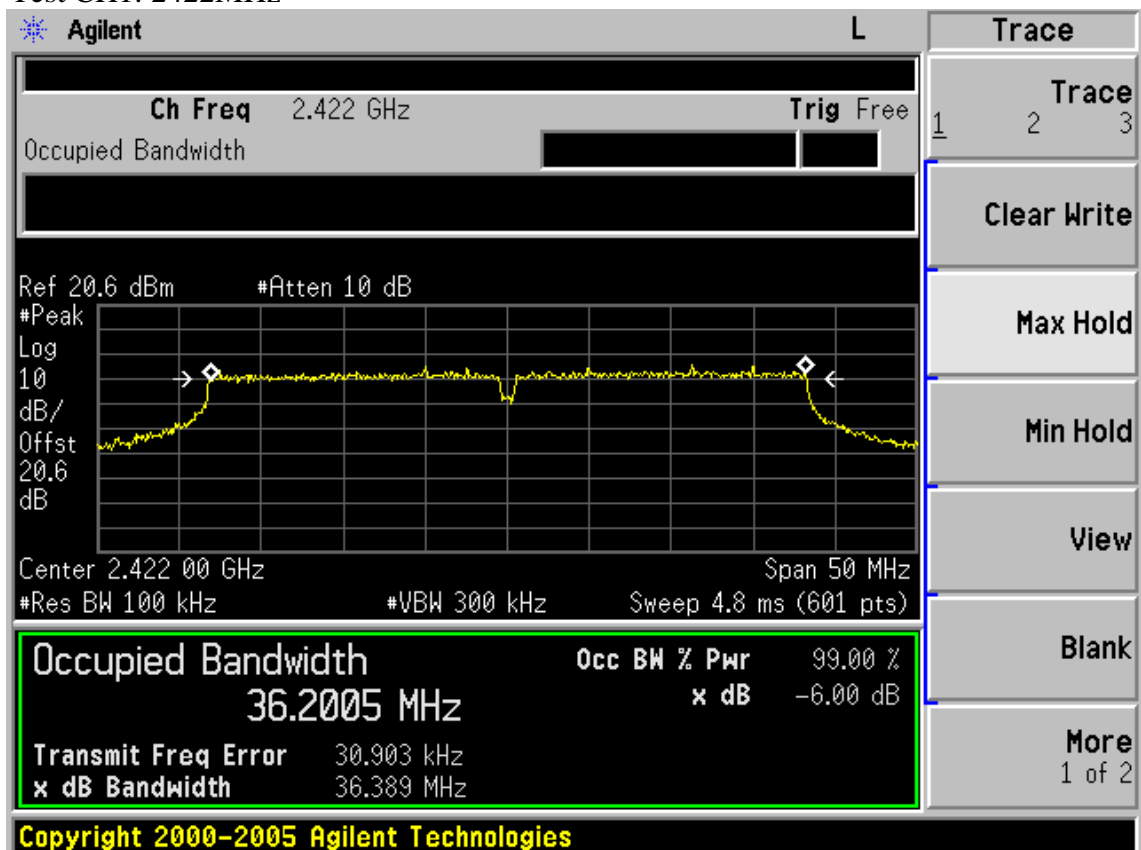


Test CH11: 2462MHz

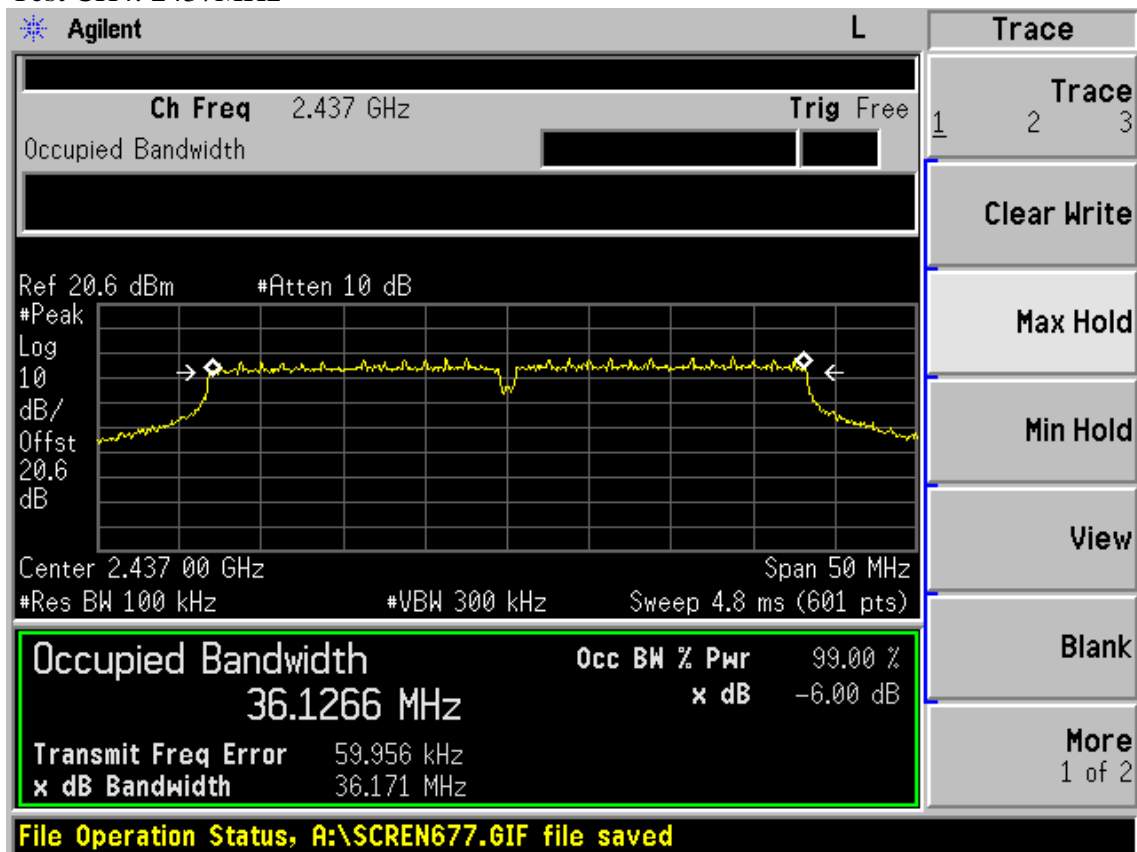


Test Mode: IEEE 802.11n HT40

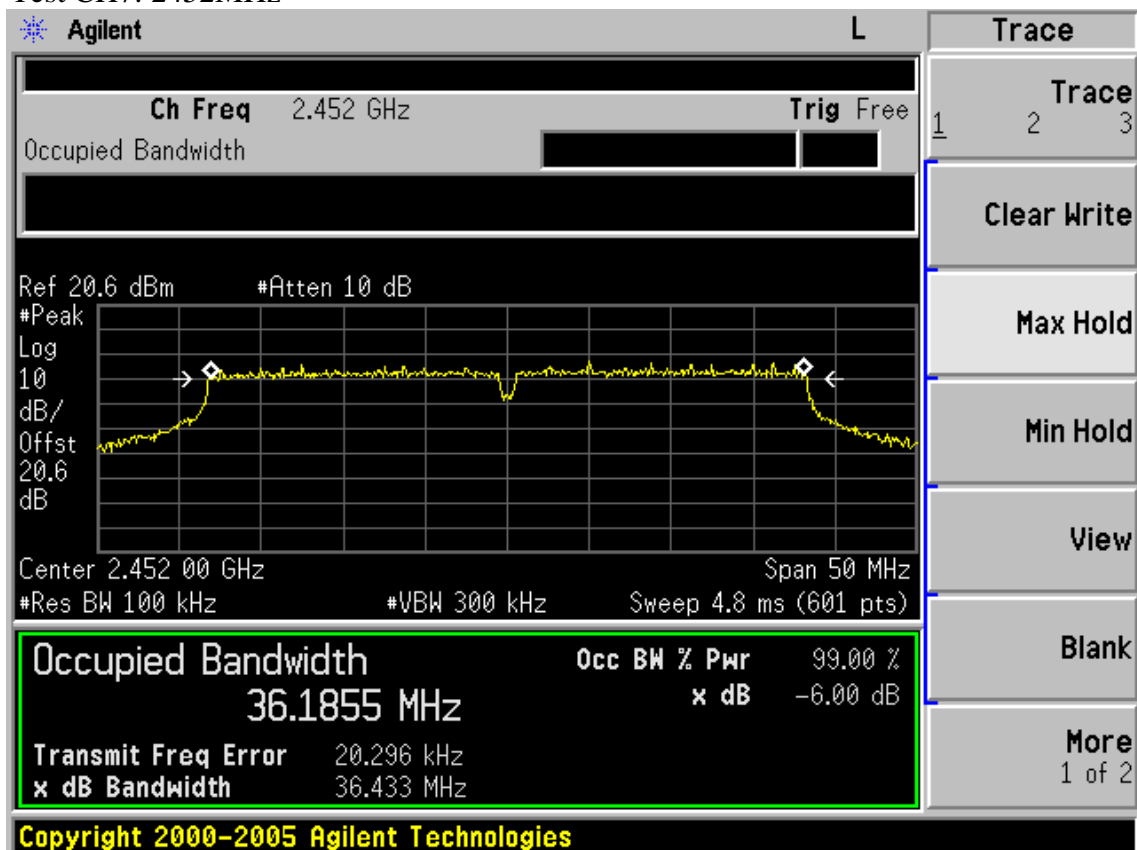
Test CH1: 2422MHz



Test CH4: 2437MHz



Test CH7: 2452MHz



## 8. OUTPUT POWER TEST

### 8.1. Test Equipment

| Item | Equipment         | Manufacturer | Model No.       | Serial No. | Last Cal. | Cal. Interval |
|------|-------------------|--------------|-----------------|------------|-----------|---------------|
| 1.   | Power meter       | Anritsu      | ML2487A         | 6K00002472 | Oct.20.09 | 1 Year        |
| 2.   | Power sensor      | Anritsu      | MA2491A         | 0033005    | Oct.20.09 | 1 Year        |
| 3.   | Attenuator        | Agilent      | 8491B           | MY39262165 | May.08,10 | 1 Year        |
| 4.   | RF Cable          | Hubersuhner  | SUCOFLEX<br>102 | 28618/2    | May.08,10 | 1 Year        |
| 5.   | Spectrum Analyzer | Agilent      | E4446A          | US44300459 | May.08,10 | 1 Year        |

### 8.2. Limit (FCC Part 15C 15.247 b(3))

For systems using digital modulation in the 2400—2483.5MHz, The Peak out put Power shall not exceed 1W(30dBm)

### 8.3. Test Procedure

- 1, Connected the EUT's antenna port to measure device by 20dB attenuator.
- 2, For IEEE 802.11b/g and IEEE802.11n HT20 mode, use a PK power meter which's bandwidth is above 6dB bandwidth of signal to measure out each test modes' PK output power.
- 3, For IEEE802.11n HT40 mode, because the signal's bandwidth is about 40MHz and above 20MHz bandwidth of power sensor ML2491A. So the channel power measure function of Spectrum Analyzer was used to measure out the PK output power of each test modes'

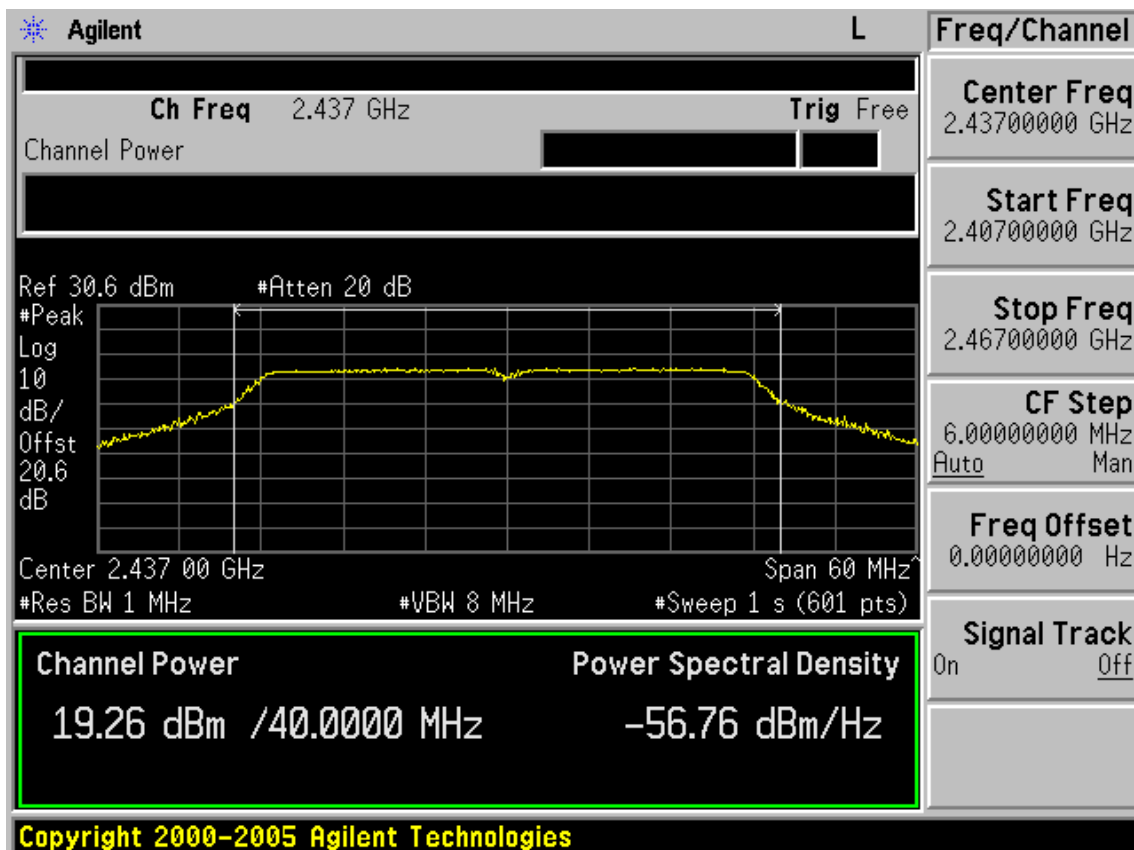
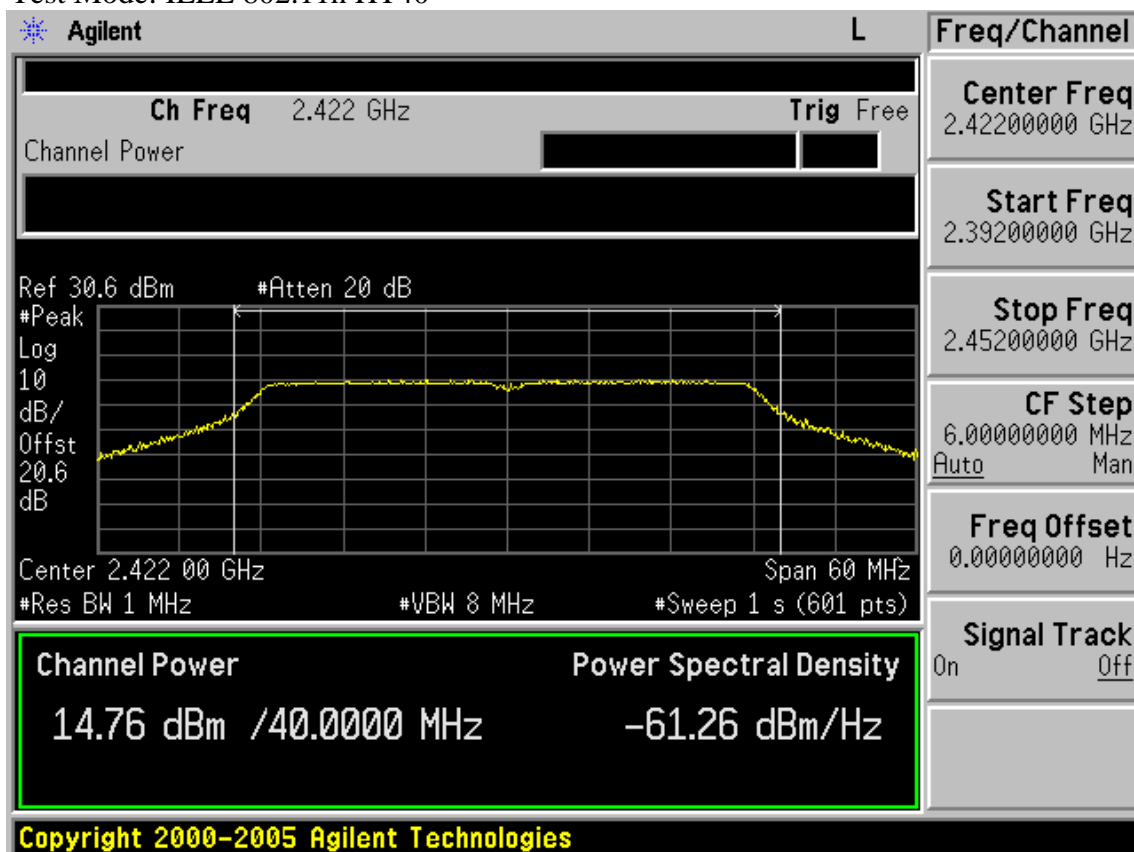
Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

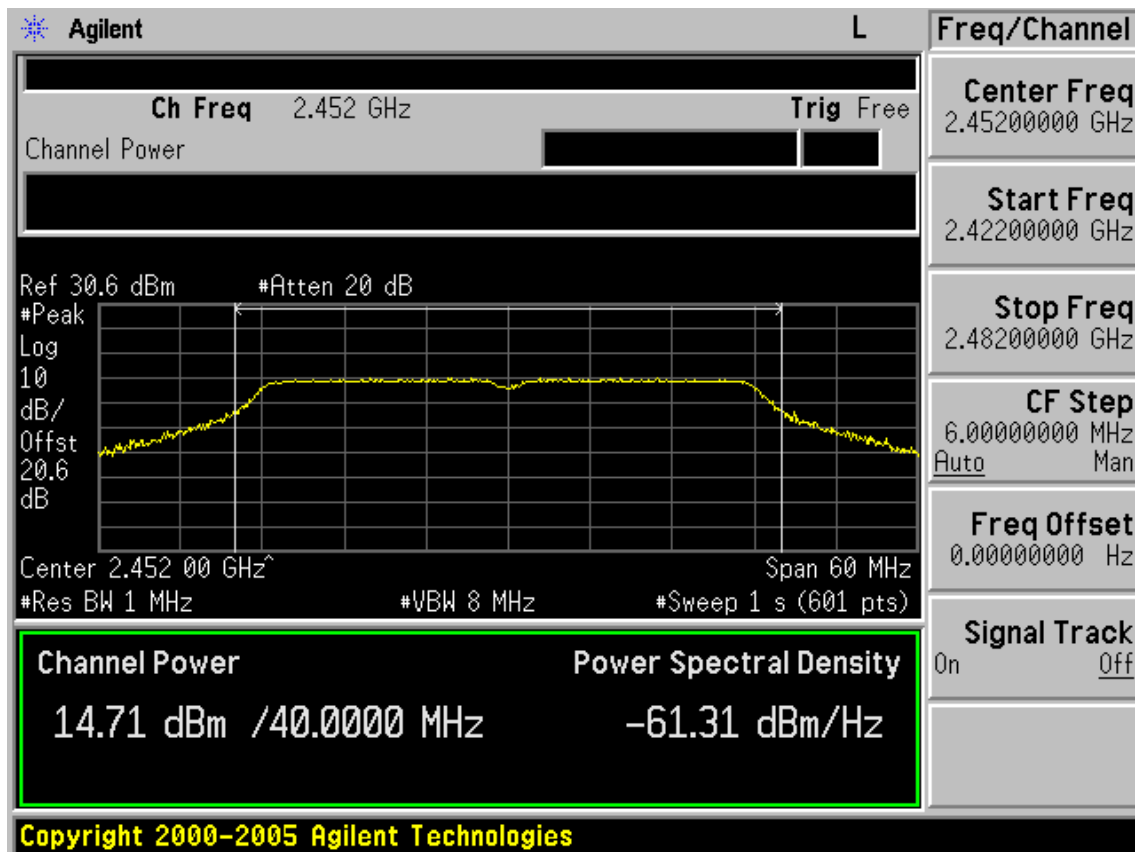
## 8.4. Test Results

|                      |                    |                    |
|----------------------|--------------------|--------------------|
| EUT: Mini PC         |                    |                    |
| M/N: Giada Slim -i30 |                    |                    |
| Test date:2010-07-07 | Pressure:100.6 kpa | Humidity:56%       |
| Tested by: Sunny-Lu  | Test site: RF site | Temperature : 25°C |

| Cable loss: 0.6dB |      | Attenuator loss: 20 dB | Antenna Gain: 3.62dBi |
|-------------------|------|------------------------|-----------------------|
| Mode              | CH   | Result                 | Limit                 |
|                   |      | PK Output power(dBm)   | (dBm)                 |
| 11b               | CH1  | 20.43                  | 30                    |
|                   | CH6  | 20.58                  | 30                    |
|                   | CH11 | 20.86                  | 30                    |
| 11g               | CH1  | 21.64                  | 30                    |
|                   | CH6  | 24.98                  | 30                    |
|                   | CH11 | 23.09                  | 30                    |
| 11n<br>HT20       | CH1  | 18.26                  | 30                    |
|                   | CH6  | 22.76                  | 30                    |
|                   | CH11 | 19.61                  | 30                    |
| 11n<br>HT40       | CH1  | 14.76                  | 30                    |
|                   | CH4  | 19.26                  | 30                    |
|                   | CH7  | 14.71                  | 30                    |
| Conclusion: PASS  |      |                        |                       |

Test Mode: IEEE 802.11n HT40





## 9. POWER SPECTRAL DENSITY TEST

### 9.1. Test Equipment

| Item | Equipment         | Manufacturer | Model No.   | Serial No. | Last Cal.  | Cal. Interval |
|------|-------------------|--------------|-------------|------------|------------|---------------|
| 1.   | Spectrum Analyzer | Agilent      | E4446A      | US44300459 | May.08, 10 | 1 Year        |
| 2.   | Attenuator        | Agilent      | 8491B       | MY39262165 | May.08, 10 | 1 Year        |
| 3.   | RF Cable          | Hubersuhner  | SUCOFLEX102 | 28618/2    | May.08, 10 | 1 Year        |

### 9.2. Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

### 9.3. Test Procedure

- 1, Connected the EUT's antenna port to spectrum analyzer device by 20dB attenuator.
- 2, Follow the test procedure as described in ANSI C.10: 2009 Clause 6.11.2.3 to measure out each test modes and chain's power density with 3KHz.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

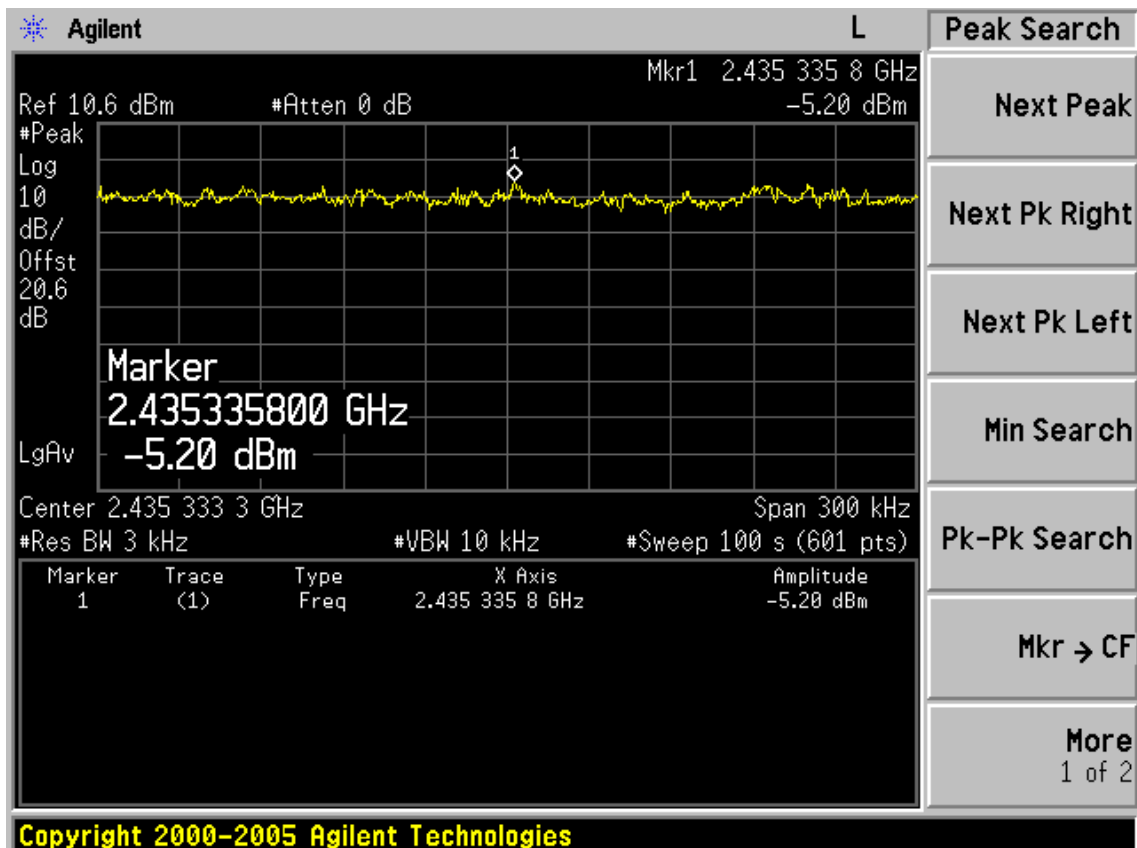
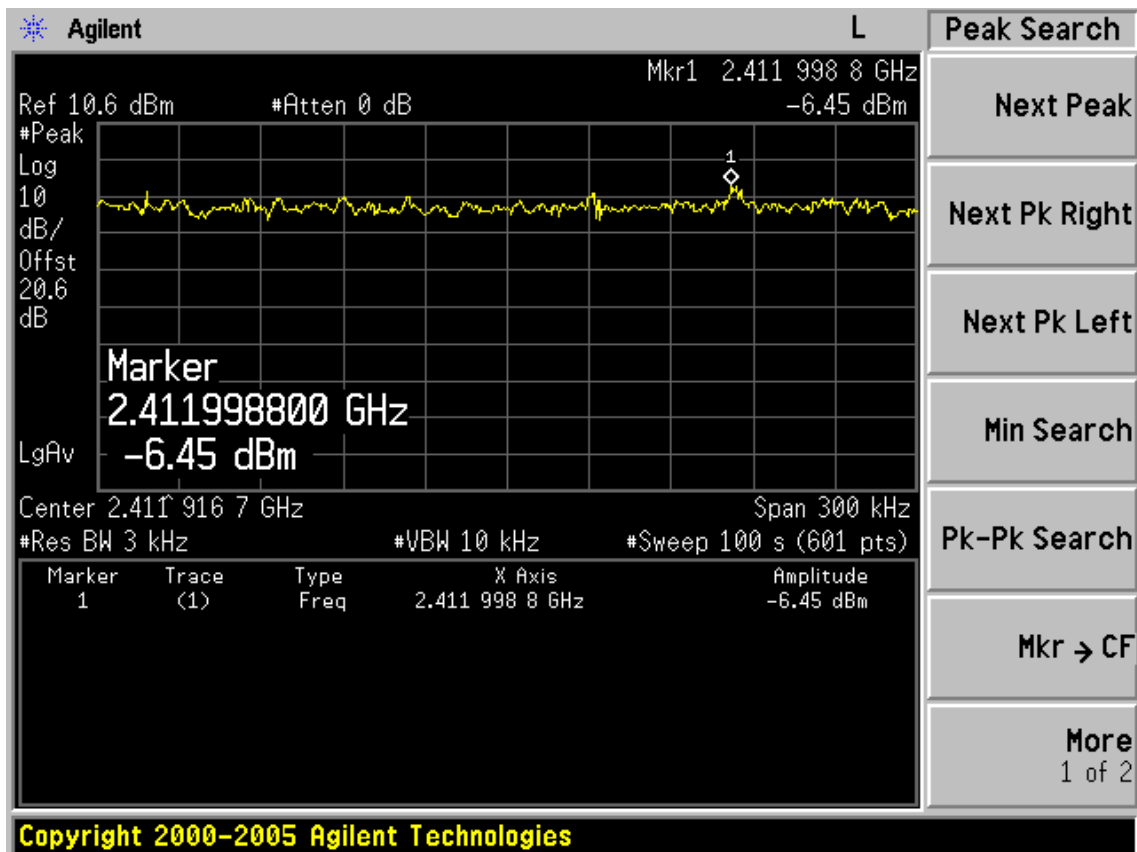


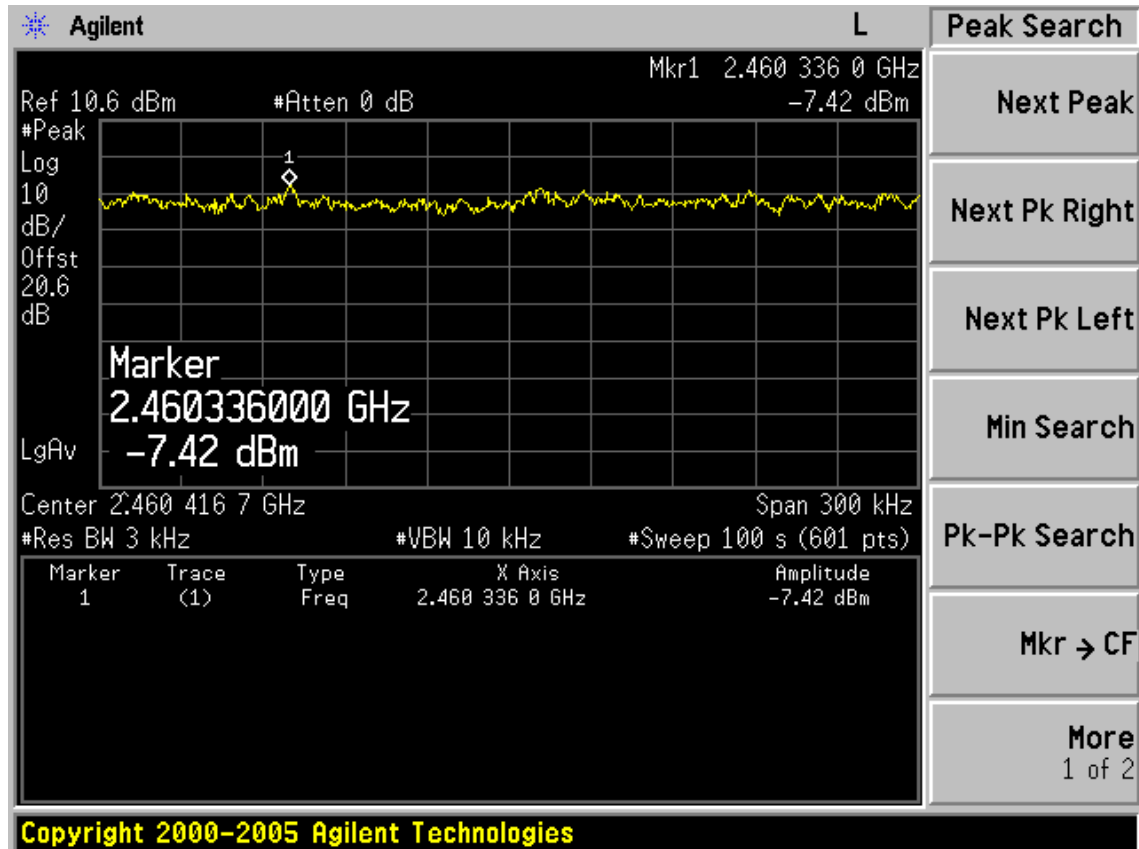
## 9.4. Test Results

|                      |                    |                    |
|----------------------|--------------------|--------------------|
| EUT: Mini PC         |                    |                    |
| M/N: Giada Slim -i30 |                    |                    |
| Test date:2010-07-07 | Pressure:100.6 KPa | Humidity:56%       |
| Tested by: Sunny-Lu  | Test site: RF site | Temperature : 26°C |

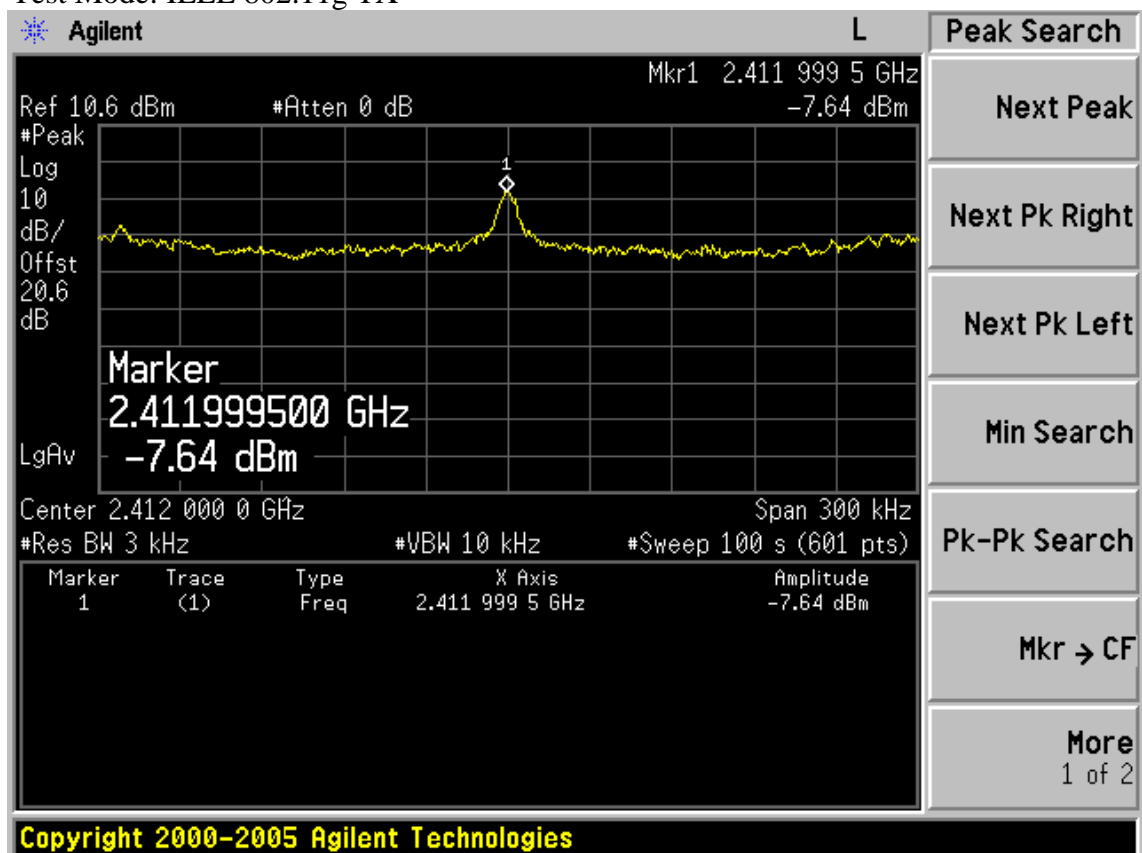
|                  |      |                             |                       |
|------------------|------|-----------------------------|-----------------------|
| Cable loss:0.6dB |      | Attenuator loss: 20dB       | Antenna Gain: 3.62dBi |
| Mode             | CH   | Result                      | Limit                 |
|                  |      | Power density<br>(dBm/3KHz) | (dBm/3KHz)            |
| 11b              | CH1  | -6.45                       | 8                     |
|                  | CH6  | -5.20                       | 8                     |
|                  | CH11 | -7.42                       | 8                     |
| 11g              | CH1  | -7.64                       | 8                     |
|                  | CH6  | -2.52                       | 8                     |
|                  | CH11 | -8.96                       | 8                     |
| 11n<br>HT20      | CH1  | -7.33                       | 8                     |
|                  | CH6  | -3.18                       | 8                     |
|                  | CH11 | -9.31                       | 8                     |
| 11n<br>HT40      | CH1  | -13.27                      | 8                     |
|                  | CH4  | -7.93                       | 8                     |
|                  | CH7  | -14.68                      | 8                     |
| Conclusion: PASS |      |                             |                       |

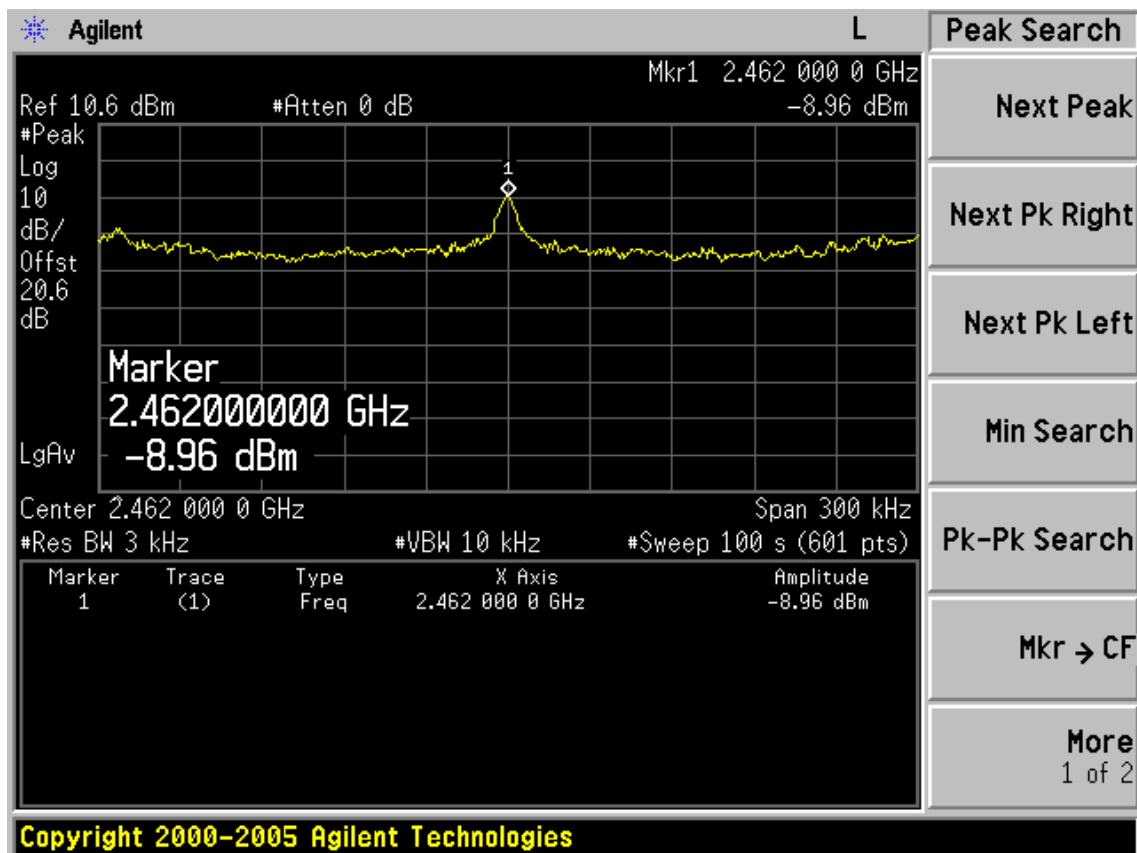
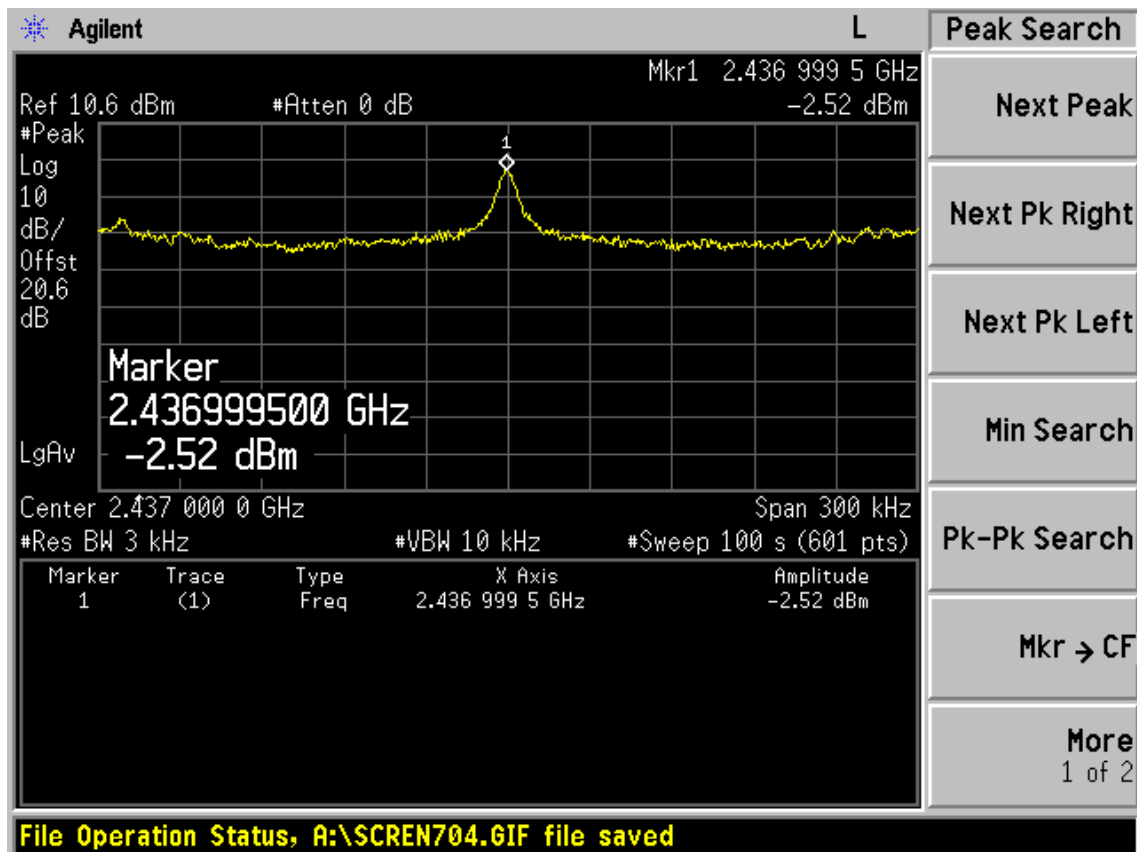
Test Mode: IEEE 802.11b TX



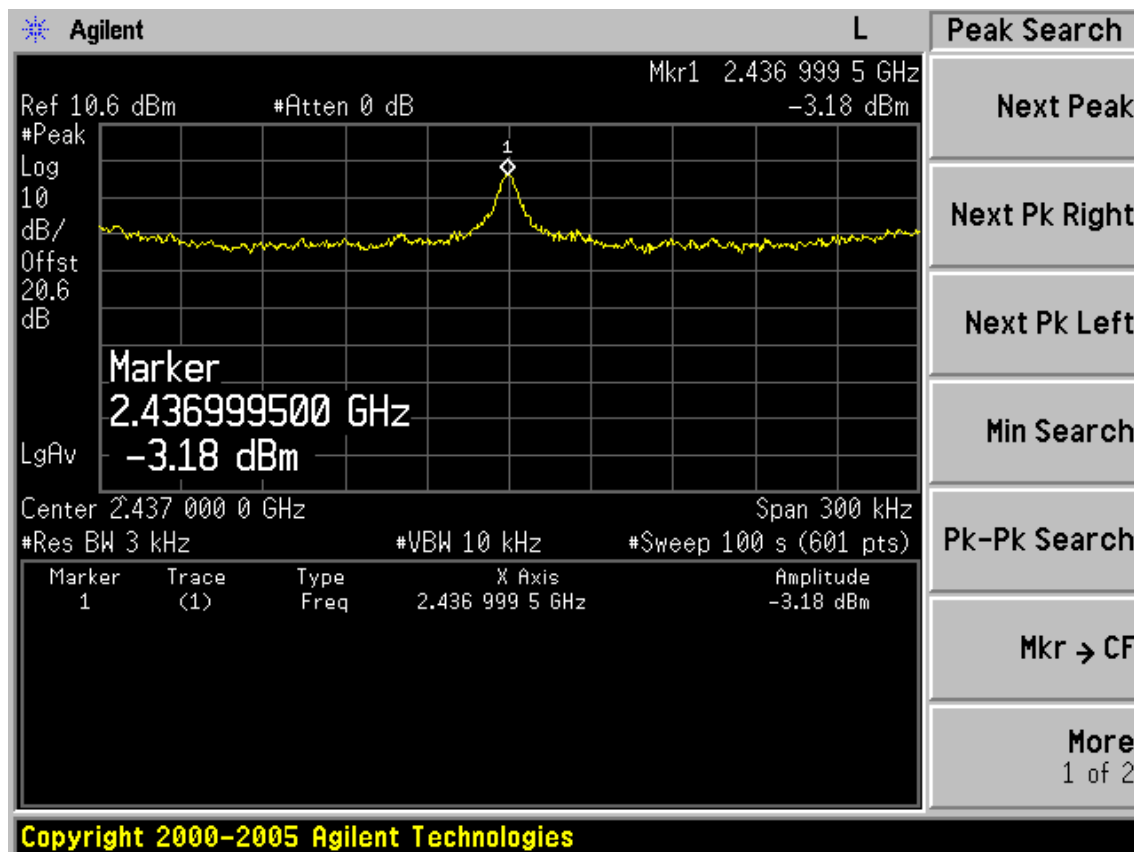
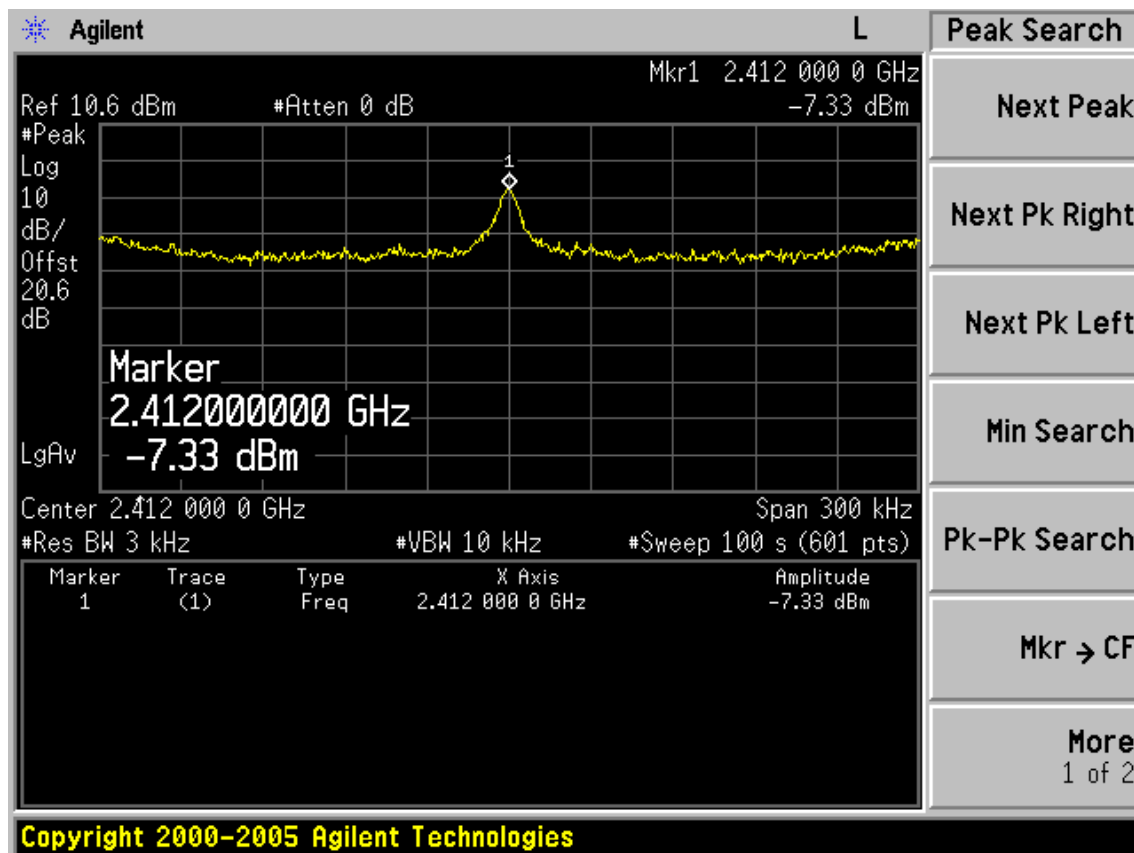


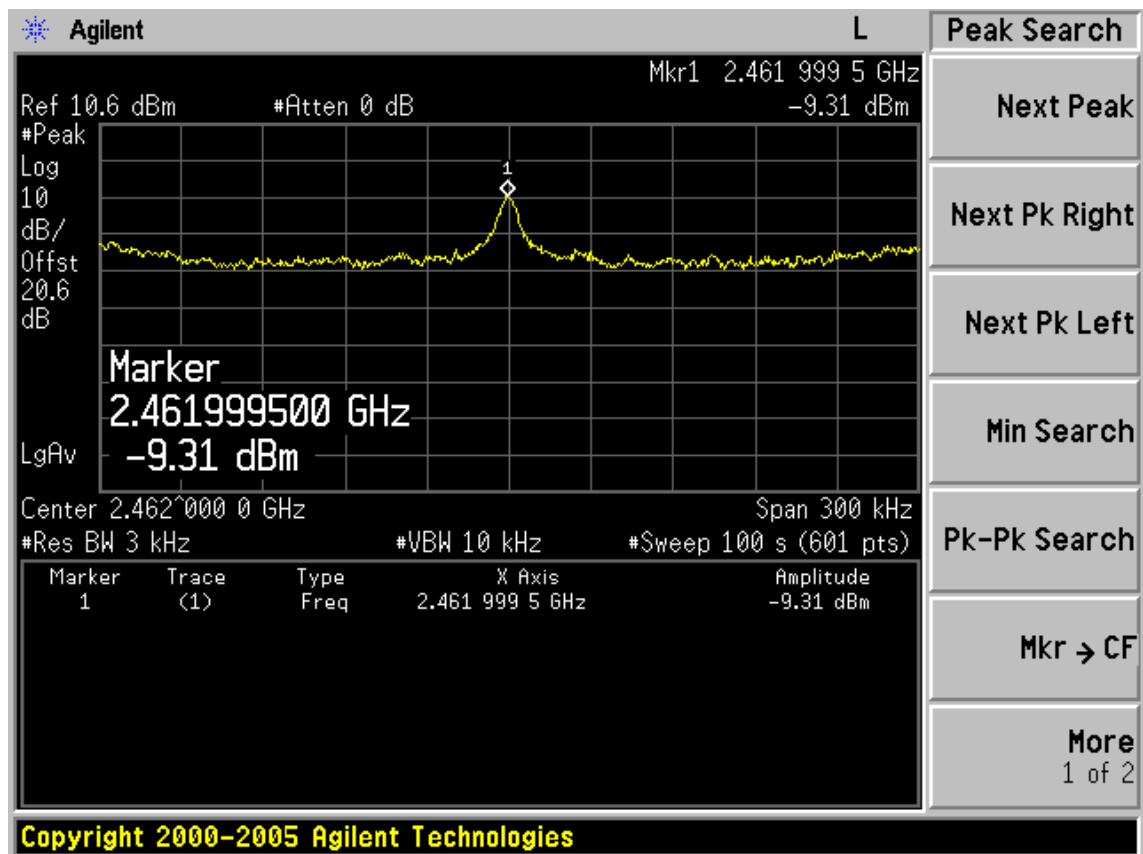
Test Mode: IEEE 802.11g TX



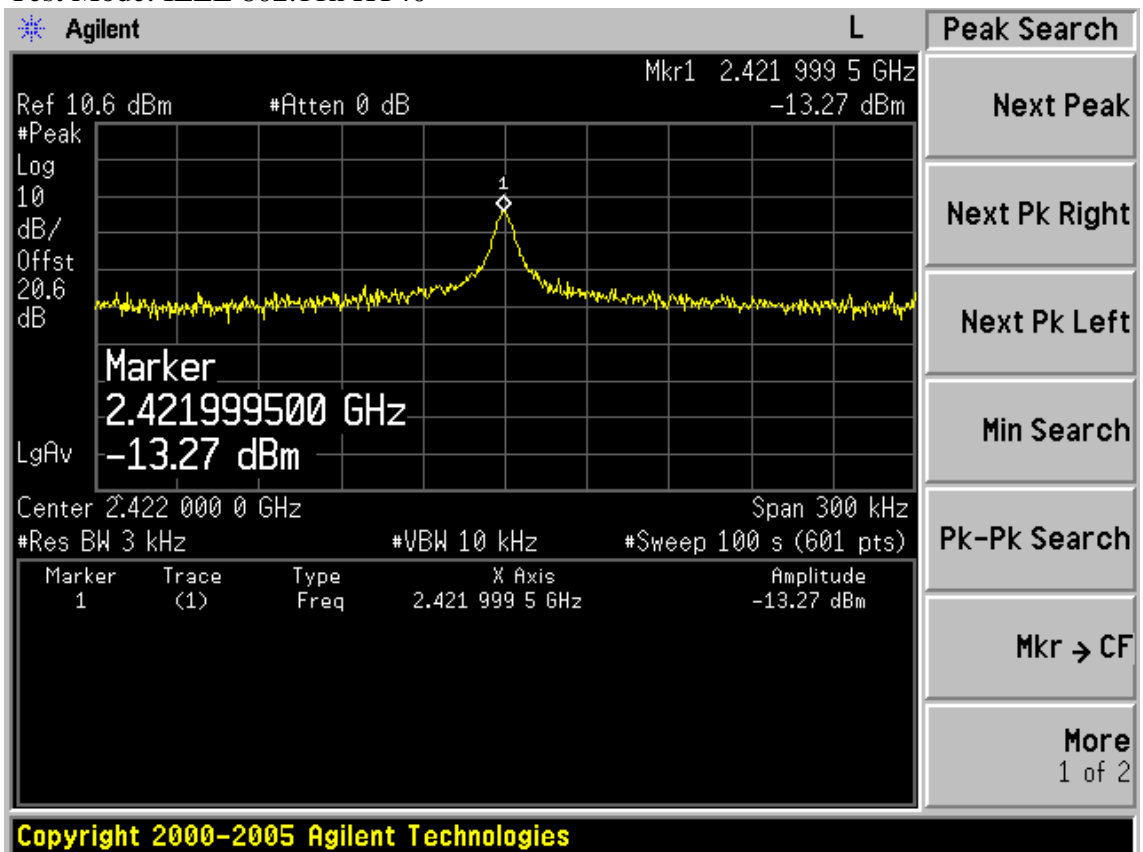


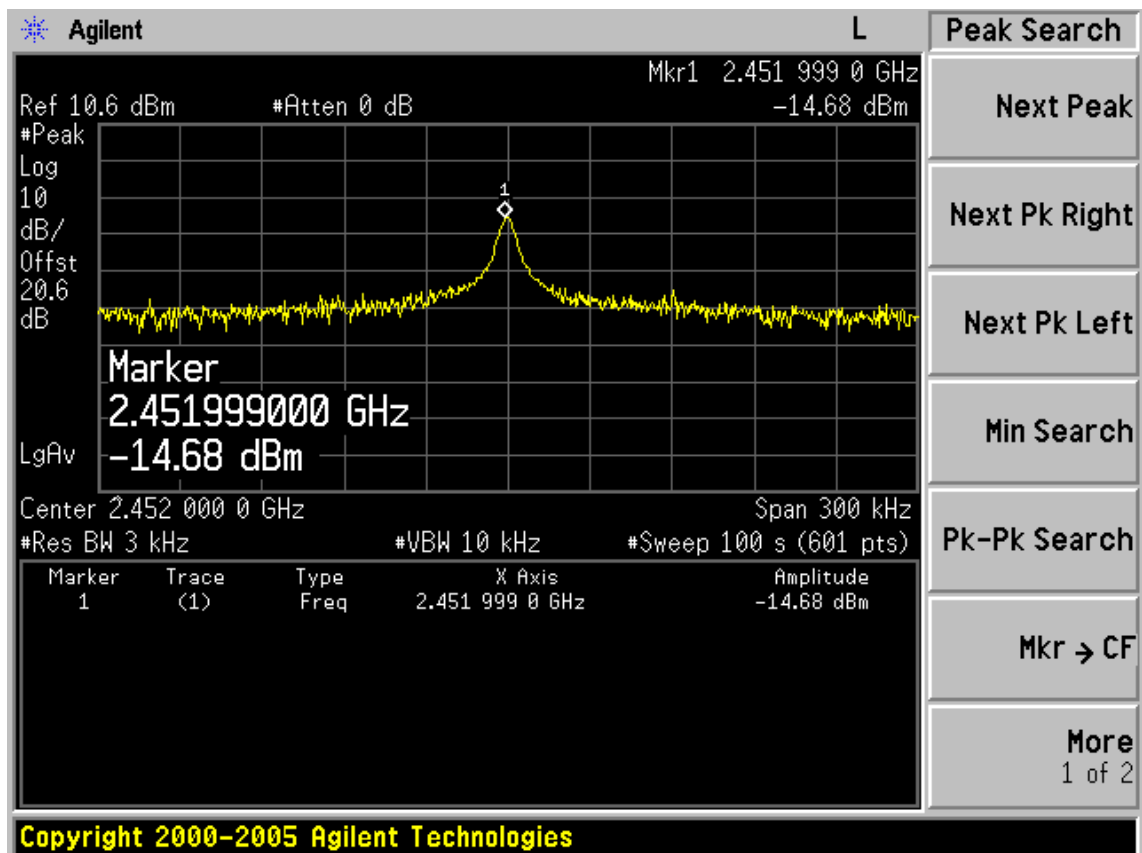
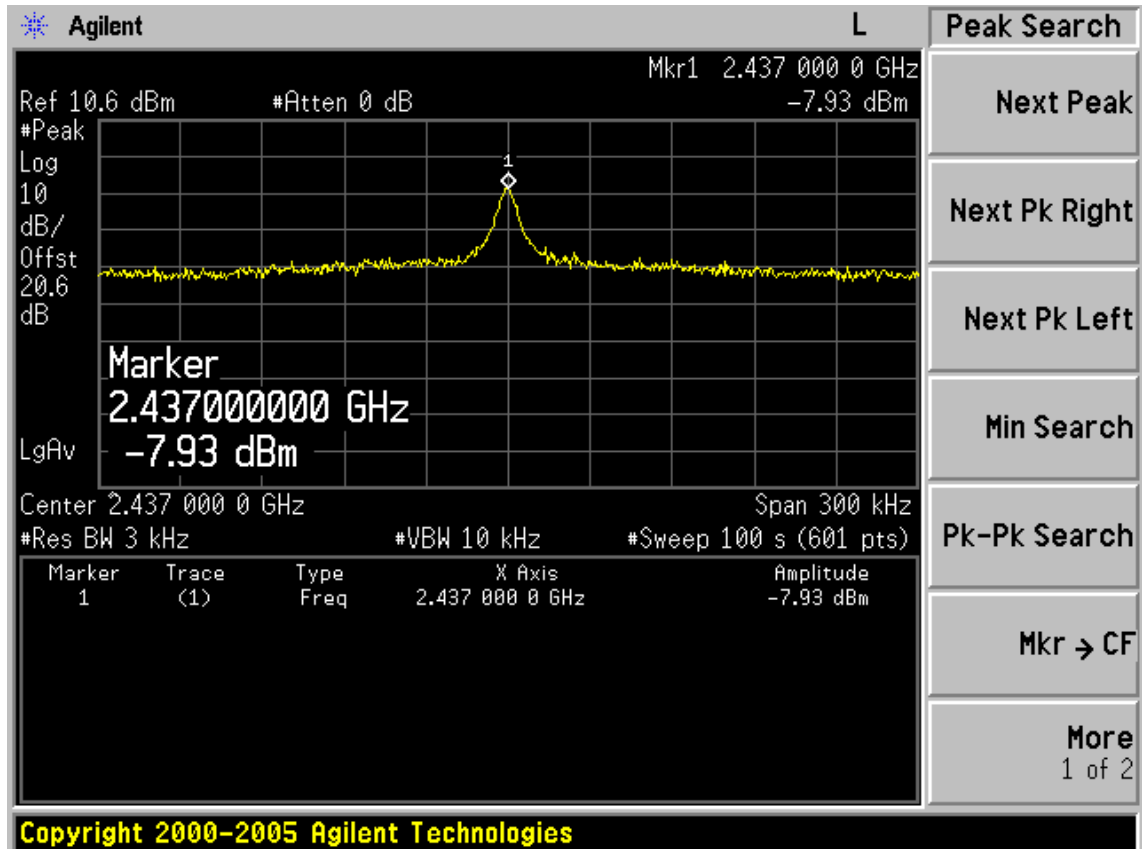
Test Mode: IEEE 802.11n HT20





Test Mode: IEEE 802.11n HT40





## **10. ANTENNA REQUIREMENT**

### **10.1 STANDARD APPLICABLE**

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

### **10.2 ANTENNA CONNECTED CONSTRUCTION**

The transmit antennas used for this product is integrated patch antenna with I-PEX connector and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 3.62dBi.



## 11.MPE ESTIMATION

### 11.1.Limit for General Population/ Uncontrolled Exposures

| Frequency        | Power density (mW/ cm <sup>2</sup> ) | Averaging time(minutes) |
|------------------|--------------------------------------|-------------------------|
| 300MHz----1.5GHz | F/1500                               | 30                      |
| 1.5GHz---100GHz  | 1.0                                  | 30                      |

| Frequency(MHz) | Power density (mW/ cm <sup>2</sup> ) | Averaging time(minutes) |
|----------------|--------------------------------------|-------------------------|
| 2412           | 1                                    | 30                      |
| 2437           | 1                                    | 30                      |
| 2462           | 1                                    | 30                      |

Note: F= Frequency in MHz

### 11.2.Estimation Result

| Mode     | CH | Frequency (MHz) | PK Output power (dBm) | Output power (mW) | Antenna Gain (dBi) | antenna Gain(linear) | MPE    |
|----------|----|-----------------|-----------------------|-------------------|--------------------|----------------------|--------|
| 11b      | 1  | 2412            | 20.43                 | 110.41            | 3.62               | 2.30                 | 0.0506 |
|          | 6  | 2437            | 20.58                 | 114.29            | 3.62               | 2.30                 | 0.0524 |
|          | 11 | 2462            | 20.86                 | 121.90            | 3.62               | 2.30                 | 0.0558 |
| 11g      | 1  | 2412            | 21.64                 | 145.88            | 3.62               | 2.30                 | 0.0668 |
|          | 6  | 2437            | 24.98                 | 314.77            | 3.62               | 2.30                 | 0.1442 |
|          | 11 | 2462            | 23.09                 | 203.70            | 3.62               | 2.30                 | 0.0933 |
| 11n HT20 | 1  | 2412            | 18.26                 | 66.99             | 3.62               | 2.30                 | 0.0307 |
|          | 6  | 2437            | 22.76                 | 188.80            | 3.62               | 2.30                 | 0.0865 |
|          | 11 | 2462            | 19.61                 | 91.41             | 3.62               | 2.30                 | 0.0419 |
| 11n HT40 | 1  | 2422            | 14.76                 | 29.92             | 3.62               | 2.30                 | 0.0137 |
|          | 4  | 2437            | 19.26                 | 84.33             | 3.62               | 2.30                 | 0.0386 |
|          | 7  | 2452            | 14.71                 | 29.58             | 3.62               | 2.30                 | 0.0136 |

Note: The estimation distance is 20cm

## **12.DEVIATION TO TEST SPECIFICATIONS**

[ NONE]