

FCC PART 15C TEST REPORT FOR CERTIFICATION  
On Behalf of

BYD Precision Manufacture Co., Ltd

Tablet PC

| Brand Name | Model No. |
|------------|-----------|
| TOSHIBA    | AT10-B    |

FCC ID: ZW9-PDA0L

Prepared for : BYD Precision Manufacture Co., Ltd  
No.3001, Baohe Road, Baolong Industrial, Longgang,  
Shenzhen, P.R., China.

Prepared By : Audix Technology (Shenzhen) Co., Ltd.  
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Report Number : ACS-F14255  
Date of Test : Jul.18~Aug.04, 2014  
Date of Report : Aug.13, 2014

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**TEST REPORT CERTIFICATION**

Applicant : BYD Precision Manufacture Co., Ltd  
Manufacturer : TOSHIBA CORPORATION  
EUT Description : Tablet PC  
FCC ID : ZW9-PDA0L  
(A) MODEL NO. : AT10-B  
(B) SERIAL NO. : N/A  
(D) TEST VOLTAGE : DC 5V From Adapter Input AC 120V/60Hz

Tested for comply with:  
FCC Rules and Regulations Part 15 Subpart C: 2013

Test procedure used:  
ANSI C63.10:2009

The device described above is tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to confirm comply with all the FCC Part 15 Subpart C requirements. 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 and IC requirements. This report contains data that are not covered by the NVLAP accreditation.

This Report is made under FCC Part 2.1075. No modifications were required during testing to bring this product into compliance.

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.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Date of Test : Jul.18~Aug.04, 2014 Report of date: Aug.13, 2014

Prepared by : Sonia Lee Reviewed by : Sunny Lu  
Sonia Lee / Assistant Sunny Lu / Assistant Manager

Approved & Authorized Signer :



David Jin / 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 | FCC Part 15: 15.207<br>ANSI C63.10: 2009 | PASS    |
| Radiated Emission             | FCC Part 15: 15.209<br>ANSI C63.10: 2009 | PASS    |
| Band Edge Compliance          | FCC Part 15: 15.247<br>ANSI C63.10: 2009 | PASS    |
| Conducted spurious emissions  | FCC Part 15: 15.247<br>ANSI C63.10: 2009 | PASS    |
| 6dB Bandwidth                 | FCC Part 15: 15.247<br>ANSI C63.10: 2009 | PASS    |
| Peak Output Power             | FCC Part 15: 15.247<br>ANSI C63.10: 2009 | PASS    |
| Power Spectral Density        | 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 : Tablet PC

|                               |            |           |
|-------------------------------|------------|-----------|
| Model Number&<br>Brand Name : | Brand Name | Model No. |
|                               | TOSHIBA    | AT10-B    |

FCC ID : ZW9-PDA0L

Radio : Bluetooth V2.1+EDR; Bluetooth V4.0; IEEE802.11 a/b/g/n

Operation Frequency : IEEE 802.11a: 5180MHz—5240MHz, 5260MHz—5320MHz,  
5500MHz—5700MHz, 5745MHz—5825MHz  
IEEE 802.11b: 2412MHz—2462MHz  
IEEE 802.11g: 2412MHz—2462MHz  
IEEE802.11nHT20: 2412MHz—2462MHz,  
5180MHz—5240MHz, 5260MHz—5320MHz,  
5500MHz—5700MHz, 5745MHz—5825MHz  
Bluetooth: 2402-2480MHz

Modulation Technology : IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK)  
IEEE 802.11a/g: OFDM(64QAM, 16QAM, QPSK, BPSK)  
IEEE 802.11n HT20: OFDM (64QAM, 16QAM,QPSK,BPSK)  
Bluetooth V2.1+EDR: GFSK,  $\pi/4$ DQPSK,8-DPSK  
Bluetooth V4.0: GFSK

Antenna Assembly : PIFA Antenna,  
Gain& type 2.4GHz: 2.65dBi(max)  
5GHz: 3.8dBi(max)

USB Cable : Shielded, Detachable, 90cm

Power Adapter 1# : Manufacturer: Meic; Model No.: MN-A208-L120  
Input: 100-240V~, 50/60Hz, 0.3A Max  
Output: 5V---1.5A

Power Adapter 2# : Manufacturer: Meic; Model No.: MN-A110-L120  
Input: 100-240V~, 50/60Hz, 0.3A Max  
Output: 5V---2A

Power Adapter 3# : Manufacturer: Chicony; Model No.: W12-010N3A  
Input: 100-240V~, 50/60Hz, 0.3A  
Output: 5V---2A

Applicant : BYD Precision Manufacture Co., Ltd  
No.3001, Baohe Road, Baolong Industrial, Longgang, Shenzhen, P.R.,  
China.

Manufacturer : TOSHIBA CORPORATION  
 1-1, Shibaura 1-Chome, Minato-ku, Tokyo, Japan  
  
 Date of Test : Jul.14~27, 2014  
  
 Date of Receipt : Jul.13, 2014  
  
 Sample Type : Prototype production

## 2.2.Test Information

A special test software was used to control EUT work in Continuous TX mode (100% duty cycle), and select test channel, wireless mode and data rate.

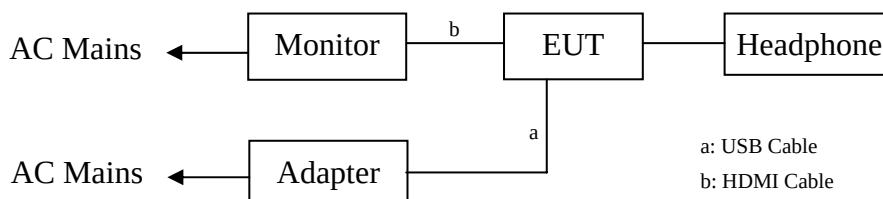
| Tested mode, channel, and data rate information                                                                                     |                               |             |                    |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------|--------------------|
| Mode                                                                                                                                | data rate<br>(Mbps)(see Note) | Channel     | Frequency<br>(MHz) |
| IEEE 802.11b                                                                                                                        | 1                             | Low :CH1    | 2412               |
|                                                                                                                                     | 1                             | Middle: CH6 | 2437               |
|                                                                                                                                     | 1                             | High: CH11  | 2462               |
| IEEE 802.11g                                                                                                                        | 6                             | Low :CH1    | 2412               |
|                                                                                                                                     | 6                             | Middle: CH6 | 2437               |
|                                                                                                                                     | 6                             | High: CH11  | 2462               |
| IEEE 802.11n HT20                                                                                                                   | 6.5                           | Low :CH1    | 2412               |
|                                                                                                                                     | 6.5                           | Middle: CH6 | 2437               |
|                                                                                                                                     | 6.5                           | High: CH11  | 2462               |
| Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test. |                               |             |                    |

| Tested mode, channel, and data rate information                                                                                     |                               |               |                    |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------|--------------------|
| Mode                                                                                                                                | data rate<br>(Mbps)(see Note) | Channel       | Frequency<br>(MHz) |
| IEEE 802.11a                                                                                                                        | 6                             | Low :CH149    | 5745               |
|                                                                                                                                     | 6                             | Middle: CH157 | 5785               |
|                                                                                                                                     | 6                             | High: CH165   | 5825               |
| IEEE 802.11n HT20                                                                                                                   | 6.5                           | Low :CH149    | 5745               |
|                                                                                                                                     | 6.5                           | Middle: CH157 | 5785               |
|                                                                                                                                     | 6.5                           | High: CH165   | 5825               |
| Note: According 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

| No. | Description | ACS No.                                       | Manufacturer | Model    | Serial Number | Approved type                           |
|-----|-------------|-----------------------------------------------|--------------|----------|---------------|-----------------------------------------|
| 1.  | Headphone   | ACS-EMC-EP01                                  | Headphone    | OVANN    | OV880V        | N/A                                     |
|     |             | Cable: Shielded, Undetachable, 4.0m           |              |          |               |                                         |
| 2.  | Monitor     | N/A                                           | SUMSUNG      | S27A950D | N/A           | <input checked="" type="checkbox"/> CCC |
|     |             | Data Cable (HDMI): Shielded, Detachable, 2.0m |              |          |               |                                         |

### 2.4. Block Diagram of Test Setup



( EUT: Tablet 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

: Certificated by FCC, USA  
Registration Number: 90454  
Valid Date: Feb.22, 2015

3m & 10m Anechoic Chamber

: Certificated by FCC, USA  
Registration Number: 794232  
Valid Date: Oct.31, 2015

EMC Lab.

: Certificated by Industry Canada  
Registration Number: IC 5183A-1  
Valid Date: May.14, 2017  
  
: Certificated by DAkkS, Germany  
Registration No: D-PL-12151-01-00  
Valid Date: Dec.15, 2016

Accredited by NVLAP, USA  
NVLAP Code: 200372-0  
Valid Date: Mar.31, 2015

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

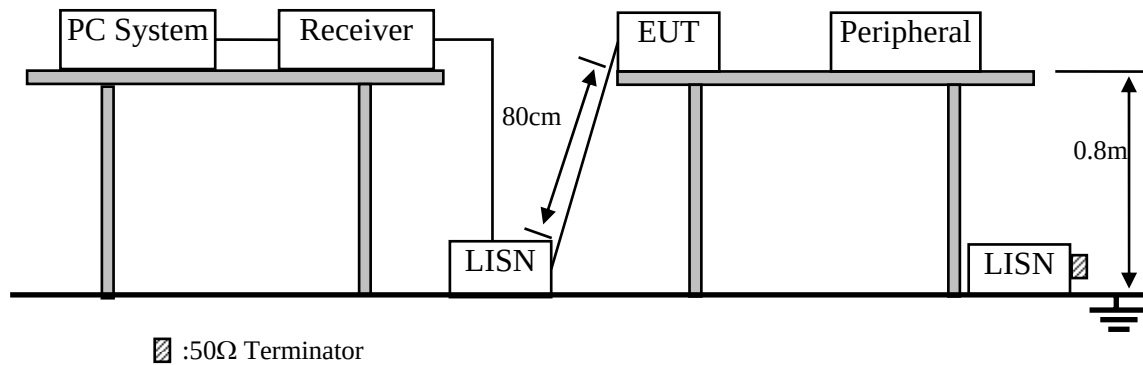
| Test Item                                                         | Uncertainty               | Memo                       |
|-------------------------------------------------------------------|---------------------------|----------------------------|
| Uncertainty for Conducted emission test in No. 1Conduction        | $\pm 3.10$ dB             | 150KHz to 30MHz            |
| Uncertainty for Radiated Emission test in 3m chamber              | $\pm 3.22$ dB             | 30~200MHz, Polarization: H |
|                                                                   | $\pm 3.23$ dB             | 30~200MHz, Polarization: V |
|                                                                   | $\pm 3.49$ dB             | 200M~1GHz, Polarization: H |
|                                                                   | $\pm 3.39$ dB             | 200M~1GHz, Polarization: V |
| Uncertainty for Radiated Emission test in 3m chamber (1GHz-18GHz) | $\pm 4.97$ dB             | 1~6GHz, Distance: 3m       |
|                                                                   | $\pm 4.99$ dB             | 6~18GHz, Distance: 3m      |
| Uncertainty for Radiated Spurious Emission test                   | $\pm 3.57$ dB             |                            |
| Uncertainty for Conducted Spurious emission test                  | $\pm 2.00$ dB             |                            |
| Uncertainty for Output power test                                 | $\pm 0.73$ dB             |                            |
| Uncertainty for Power density test                                | $\pm 2.00$ dB             |                            |
| Uncertainty for Temperature and humidity test for ETSI            | $\pm 3\%$                 |                            |
|                                                                   | $\pm 0.6^{\circ}\text{C}$ |                            |
| Uncertainty for Radio Frequency                                   | $\pm 7 \times 10^{-8}$    |                            |
| Uncertainty for Bandwidth                                         | $\pm 83$ KHz              |                            |
| RF level uncertainty for given BER                                | $\pm 0.2$ dB              |                            |

### 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    | Oct.31, 13 | 1 Year        |
| 2.   | L.I.S.N.#1    | Rohde & Schwarz | ESH2-Z5   | 100429        | Jan.22, 14 | 1 Year        |
| 3.   | L.I.S.N.#3    | Kyoritsu        | KNW-242C  | 8-1920-1      | Apr. 28,14 | 1 Year        |
| 4.   | Terminator    | Hubersuhner     | 50Ω       | No. 1         | Apr. 28,14 | 1 Year        |
| 5.   | Terminator    | Hubersuhner     | 50Ω       | No. 2         | Apr. 28,14 | 1 Year        |
| 6.   | RF Cable      | Hubersuhner     | RG58      | 0100.6954.20# | Jan.22, 14 | 1Year         |
| 7.   | Pulse Limiter | Rohde & Schwarz | ESH3-Z2   | 101838        | Jan.22, 14 | 1 Year        |

#### 3.2. Block Diagram of Test Setup



#### 3.3. 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.

### 3.4.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.

#### 3.4.1.Tablet PC (EUT)

Model Number : AT10-B

Serial Number : N/A

3.4.2.Support Equipment: As Tested Supporting System Details, in Section 2.2.

### 3.5.Operating Condition of EUT

3.5.1.Setup the EUT and simulator as shown as Section 3.2.

3.5.2.Turned on the power of all equipment.

3.5.3.PC run test software to control EUT work in Tx mode.

### 3.6.Test Procedure

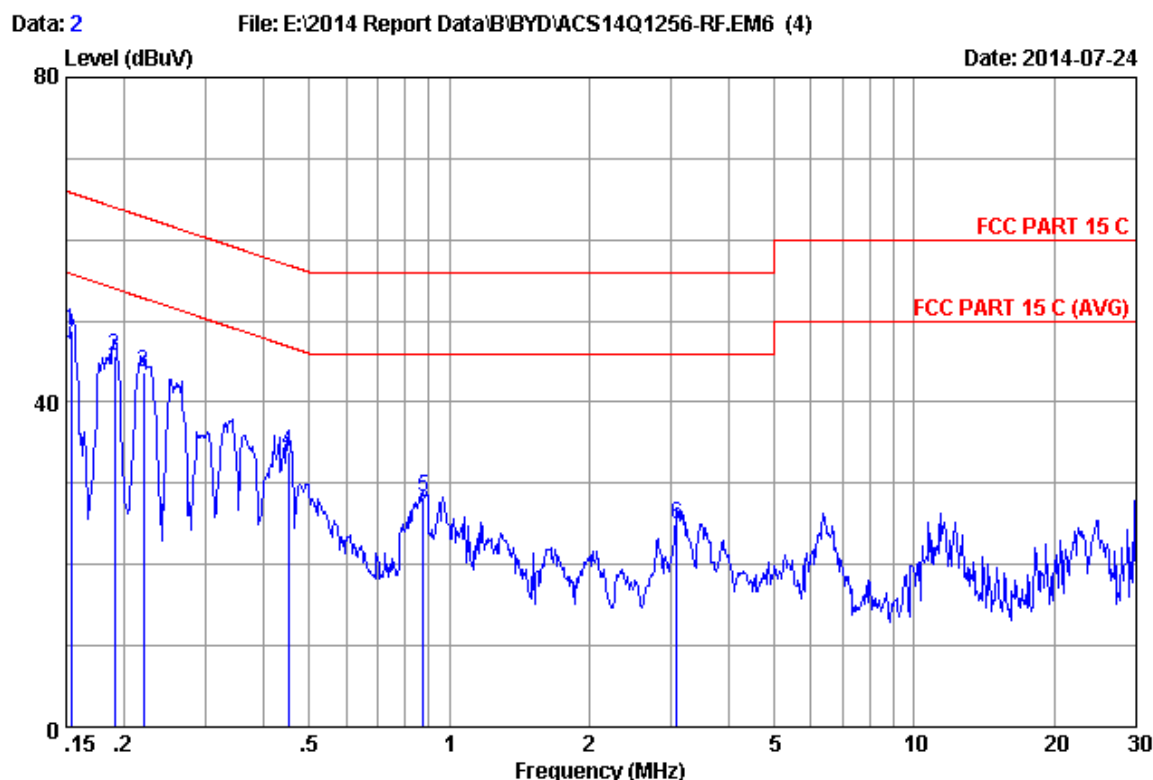
The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power Via PC connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). 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 9kHz.

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

### 3.7.Power Line Conducted Emission Test Results

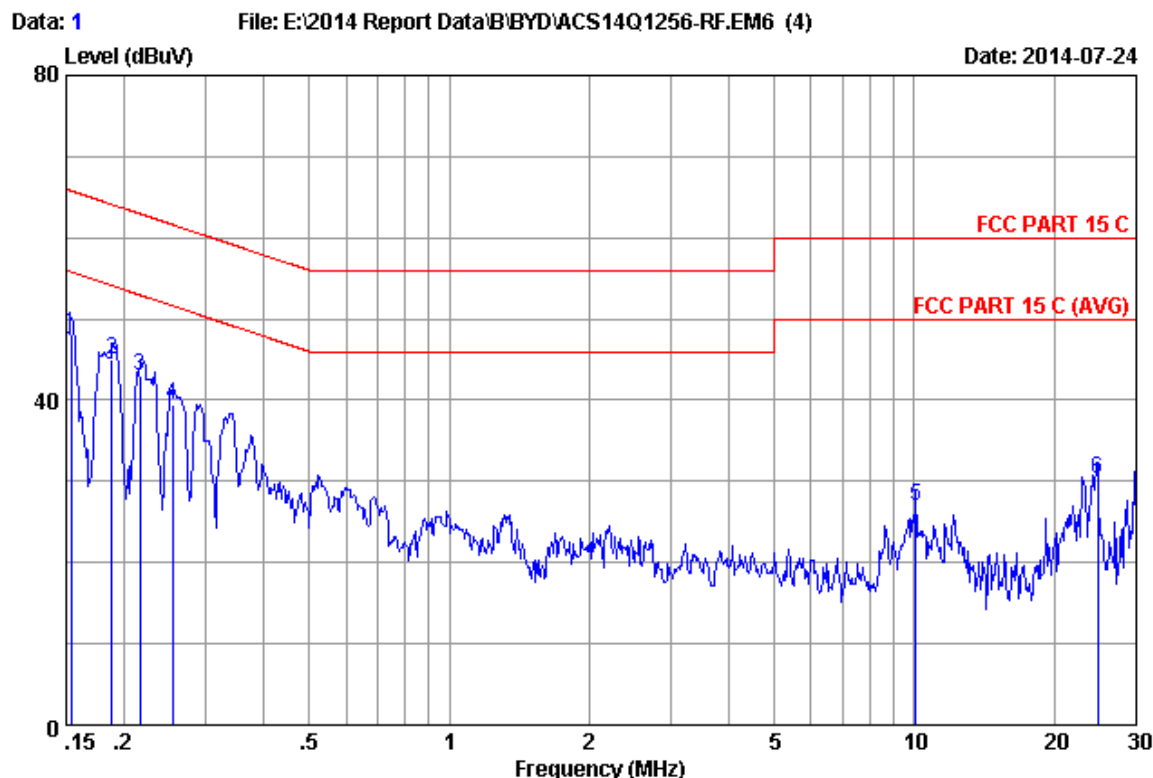
**PASS.** (All emissions not reported below are too low against the prescribed limits.)

**2.4G:**


Site no :1#conduction Data No :2  
 Dis./Ant. :2014 ESH2-Z5 LINE  
 Limit :FCC PART 15 C  
 Env./Ins. :26.6°C/50% Engineer :Nick\_Huang  
 EUT :Tablet PC M/N: AT10-B  
 Power Rating :DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode :TX Mode (WiFi)

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|------------|------------------|-----------------|----------------|-----------------------|---------------|-------------|--------|
| 1  | 0.15403    | 0.12             | 9.87            | 38.71          | 48.70                 | 65.78         | 17.08       | QP     |
| 2  | 0.19039    | 0.13             | 9.88            | 35.74          | 45.75                 | 64.02         | 18.27       | QP     |
| 3  | 0.21967    | 0.13             | 9.88            | 33.65          | 43.66                 | 62.83         | 19.17       | QP     |
| 4  | 0.45155    | 0.15             | 9.88            | 23.95          | 33.98                 | 56.85         | 22.87       | QP     |
| 5  | 0.88031    | 0.17             | 9.89            | 18.17          | 28.23                 | 56.00         | 27.77       | QP     |
| 6  | 3.090      | 0.22             | 9.92            | 14.79          | 24.93                 | 56.00         | 31.07       | QP     |

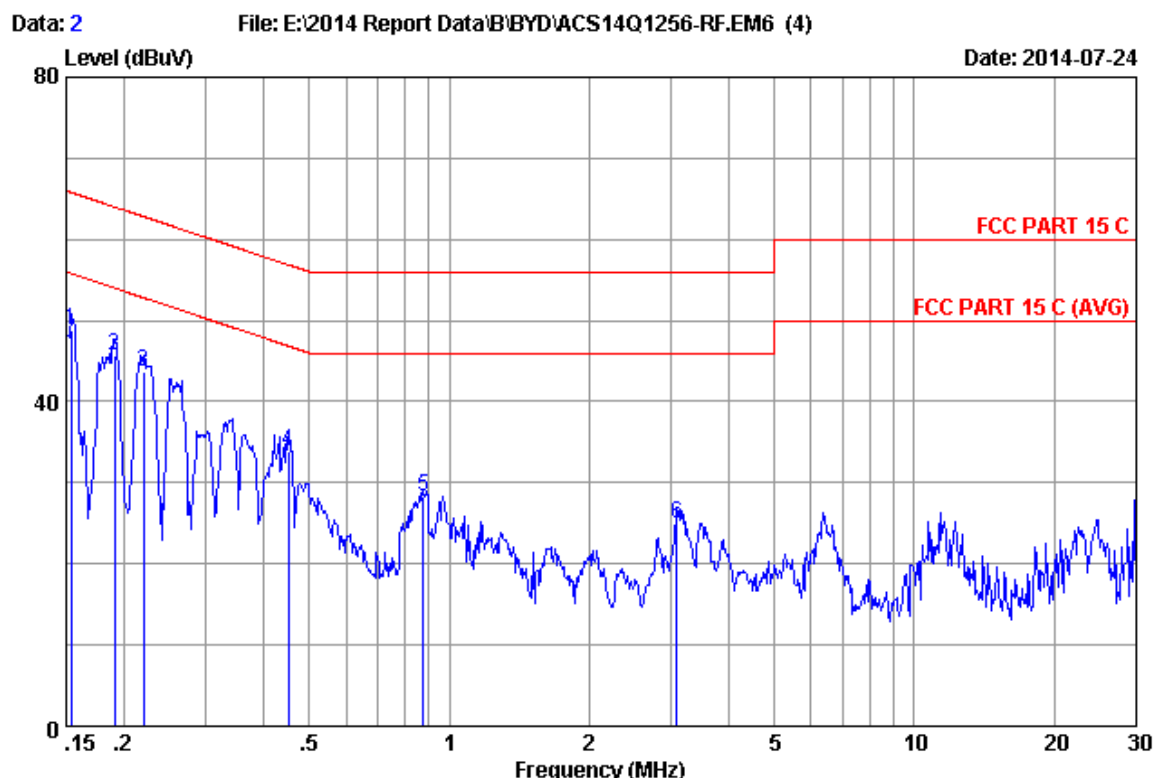
Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)+Reading.  
 2.If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



Site no :1#conduction Data No :1  
 Dis./Ant. :2014 ESH2-Z5 NEUTRAL  
 Limit :FCC PART 15 C  
 Env./Ins. :26.6°C/50% Engineer :Nick\_Huang  
 EUT :Tablet PC M/N: AT10-B  
 Power Rating :DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode :TX Mode(WiFi)

| No | Freq<br>(MHz) | LISN           |              | Cable             |                 | Emission         |       | Margin<br>(dB) | Remark |
|----|---------------|----------------|--------------|-------------------|-----------------|------------------|-------|----------------|--------|
|    |               | Factor<br>(dB) | Loss<br>(dB) | Reading<br>(dBuV) | Level<br>(dBuV) | Limits<br>(dBuV) |       |                |        |
| 1  | 0.15403       | 0.13           | 9.87         | 38.23             | 48.23           | 65.78            | 17.55 | QP             |        |
| 2  | 0.18838       | 0.13           | 9.88         | 35.05             | 45.06           | 64.11            | 19.05 | QP             |        |
| 3  | 0.21620       | 0.13           | 9.88         | 33.09             | 43.10           | 62.96            | 19.86 | QP             |        |
| 4  | 0.25345       | 0.14           | 9.88         | 29.50             | 39.52           | 61.64            | 22.12 | QP             |        |
| 5  | 10.072        | 0.44           | 9.99         | 16.59             | 27.02           | 60.00            | 32.98 | QP             |        |
| 6  | 24.790        | 1.07           | 10.13        | 19.20             | 30.40           | 60.00            | 29.60 | QP             |        |

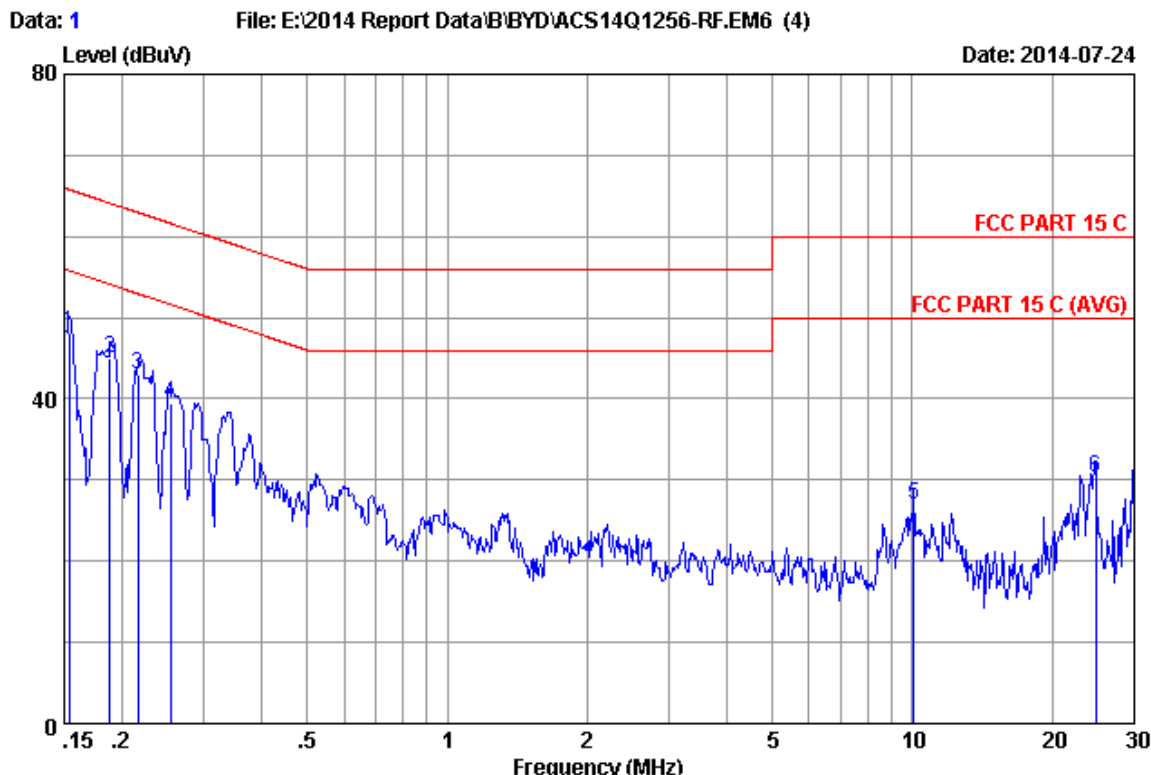
Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)  
 +Reading.  
 2.If the average limit is met when using a quasi-peak detector.  
 the EUT shall be deemed to meet both limits and measurement  
 with average detector is unnecessary.

**UNII Band 4:**


Site no :1#conduction Data No :2  
 Dis./Ant. :2014 ESH2-Z5 LINE  
 Limit :FCC PART 15 C  
 Env./Ins. :26.6°C/50% Engineer :Nick\_Huang  
 EUT :Tablet PC M/N: AT10-B  
 Power Rating :DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode :TX Mode(WiFi)

| 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  | 0.15403       | 0.12                   | 9.87                  | 38.71             | 48.70                       | 65.78            | 17.08          | QP     |
| 2  | 0.19039       | 0.13                   | 9.88                  | 35.74             | 45.75                       | 64.02            | 18.27          | QP     |
| 3  | 0.21967       | 0.13                   | 9.88                  | 33.65             | 43.66                       | 62.83            | 19.17          | QP     |
| 4  | 0.45155       | 0.15                   | 9.88                  | 23.95             | 33.98                       | 56.85            | 22.87          | QP     |
| 5  | 0.88031       | 0.17                   | 9.89                  | 18.17             | 28.23                       | 56.00            | 27.77          | QP     |
| 6  | 3.090         | 0.22                   | 9.92                  | 14.79             | 24.93                       | 56.00            | 31.07          | 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.



Site no :1#conduction Data No :1  
Dis./Ant. :2014 ESH2-Z5 NEUTRAL  
Limit :FCC PART 15 C  
Env./Ins. :26.6°C/50% Engineer :Nick\_Huang  
EUT :Tablet PC M/N: AT10-B  
Power Rating :DC 5V From Adapter Input AC 120V/60Hz  
Test Mode :TX Mode (WiFi)

| No | Freq<br>(MHz) | LISN           |              | Cable             |                 | Emission         |       | Margin<br>(dB) | Remark |
|----|---------------|----------------|--------------|-------------------|-----------------|------------------|-------|----------------|--------|
|    |               | Factor<br>(dB) | Loss<br>(dB) | Reading<br>(dBuV) | Level<br>(dBuV) | Limits<br>(dBuV) |       |                |        |
| 1  | 0.15403       | 0.13           | 9.87         | 38.23             | 48.23           | 65.78            | 17.55 | QP             |        |
| 2  | 0.18838       | 0.13           | 9.88         | 35.05             | 45.06           | 64.11            | 19.05 | QP             |        |
| 3  | 0.21620       | 0.13           | 9.88         | 33.09             | 43.10           | 62.96            | 19.86 | QP             |        |
| 4  | 0.25345       | 0.14           | 9.88         | 29.50             | 39.52           | 61.64            | 22.12 | QP             |        |
| 5  | 10.072        | 0.44           | 9.99         | 16.59             | 27.02           | 60.00            | 32.98 | QP             |        |
| 6  | 24.790        | 1.07           | 10.13        | 19.20             | 30.40           | 60.00            | 29.60 | 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

#### 4.1.1. For frequency range 30MHz~1000MHz (At Anechoic Chamber)

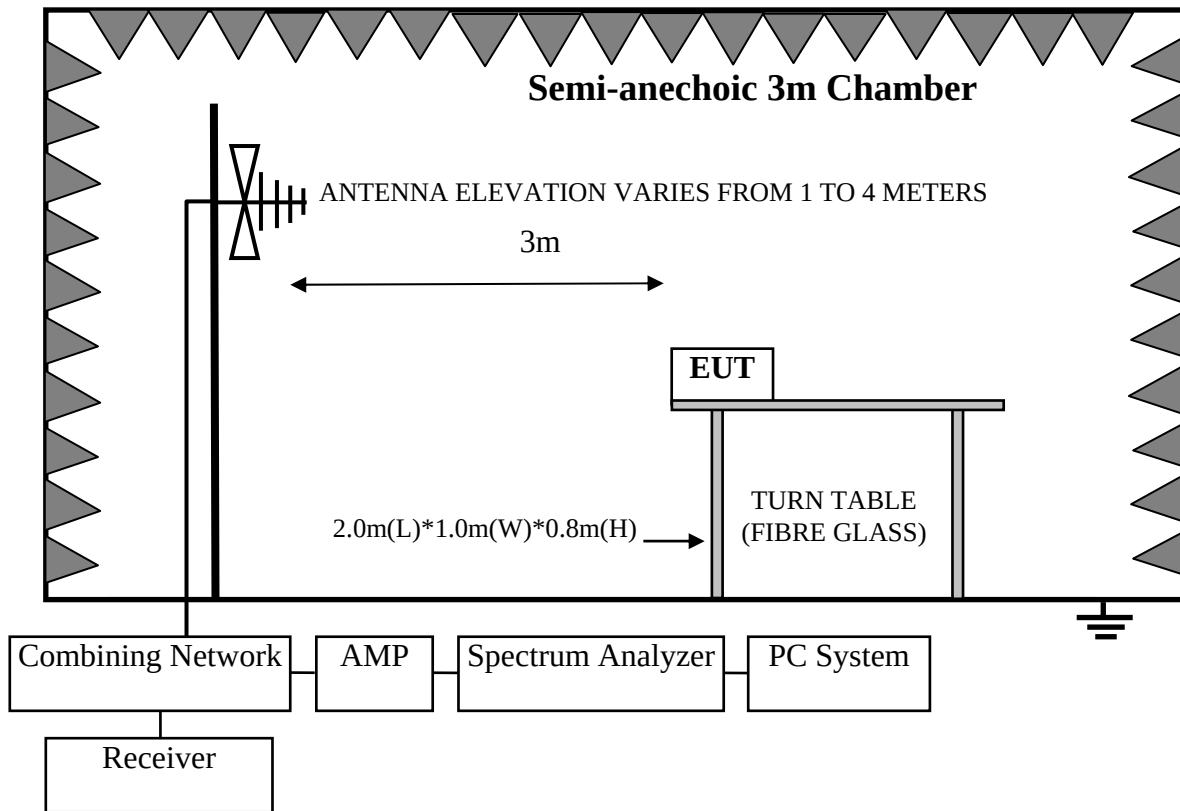
| Item | Equipment      | Manufacturer    | Model No. | Serial No.      | Last Cal.  | Cal. Interval |
|------|----------------|-----------------|-----------|-----------------|------------|---------------|
| 1    | 3#Chamber      | AUDIX           | N/A       | N/A             | Nov.24, 13 | 1 Year        |
| 2    | EMI Spectrum   | Agilent         | E4407B    | MY41440292      | Apr. 28,14 | 1 Year        |
| 3    | Test Receiver  | Rohde & Schwarz | ESVS10    | 834468/011      | Apr. 28,14 | 1 Year        |
| 4    | Amplifier      | HP              | 8447D     | 2648A04738      | Apr. 28,14 | 1 Year        |
| 5    | Bilog Antenna  | Schaffner       | CBL6111C  | 35375           | Apr. 08,14 | 1 Year        |
| 6    | RF Cable       | MIYAZAKI        | CFD400-NL | 3# Chamber No.1 | Apr. 28,14 | 1 Year        |
| 7    | Coaxial Switch | Anritsu         | MP59B     | M74389          | Apr. 28,14 | 1 Year        |

#### 4.1.2. For frequency range 1GHz~40GHz (At Anechoic Chamber)

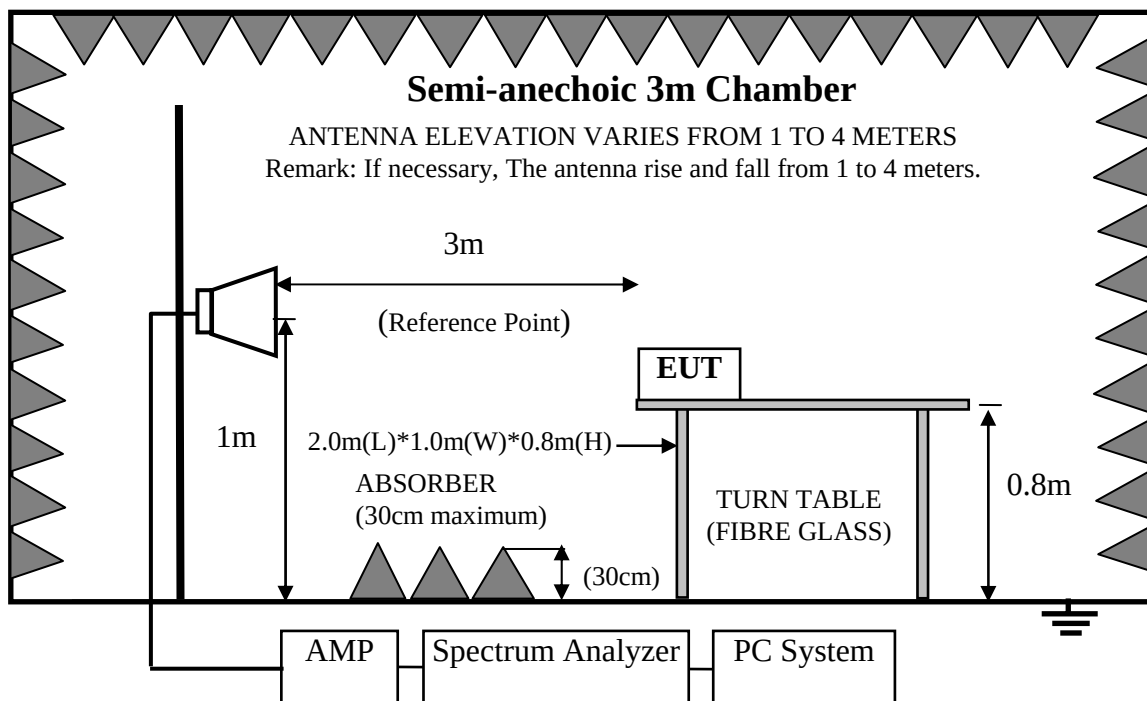
| Item | Equipment         | Manufacturer | Model No.   | Serial No. | Last Cal.  | Cal. Interval |
|------|-------------------|--------------|-------------|------------|------------|---------------|
| 1    | Spectrum Analyzer | Agilent      | E4446A      | US44300459 | Apr. 28,14 | 1 Year        |
| 2    | Horn Antenna      | EMCO         | 3115        | 9607-4877  | Aug.27, 13 | 1 Year        |
| 3    | Amplifier         | Agilent      | 8449B       | 3008A02495 | Apr. 28,14 | 1 Year        |
| 4    | RF Cable          | Hubersuhner  | SUCOFLEX106 | 77977/6    | Apr. 28,14 | 1 Year        |
| 5    | RF Cable          | Hubersuhner  | SUCOFLEX106 | 28616/2    | Apr. 28,14 | 1 Year        |
| 6    | Horn Antenna      | EMCO         | 3116        | 00060089   | Aug.27, 13 | 1 Year        |

## 4.2. Block Diagram of Test Setup

For frequency range 30MHz-1000MHz



For frequency range 1GHz-40GHz



### 4.3.Radiated Emission Limit

#### 4.3.1. 15.247&209 limits

| FREQUENCY<br>MHz | DISTANCE<br>Meters | FIELD STRENGTHS LIMIT                                                                             |                                   |
|------------------|--------------------|---------------------------------------------------------------------------------------------------|-----------------------------------|
|                  |                    | $\mu\text{V/m}$                                                                                   | $\text{dB}(\mu\text{V})/\text{m}$ |
| 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  $\mu\text{V/m}$

(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.

#### 4.3.2. 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.

### 4.4.EUT Configuration on Test

The configurations of EUT are listed in Section 3.4.

### 4.5.Operating Condition of EUT

Same as Conducted Emission test that is listed in Section 3.5. except the test set up replaced by Section 4.2.

#### 4.6.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.

This test was performed with EUT in X, Y, Z position, and the worse case was found when EUT in X position as test photo indicated.

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 (40GHz) are checked. and no any emissions were found from 18GHz to 40 GHz, So the radiated emissions from 18GHz to 40GHz were not record.

#### 4.7.Radiated Emission Test Results

**PASS.**

All the emissions from 30MHz to 40 GHz were comply with 15.209 limits.

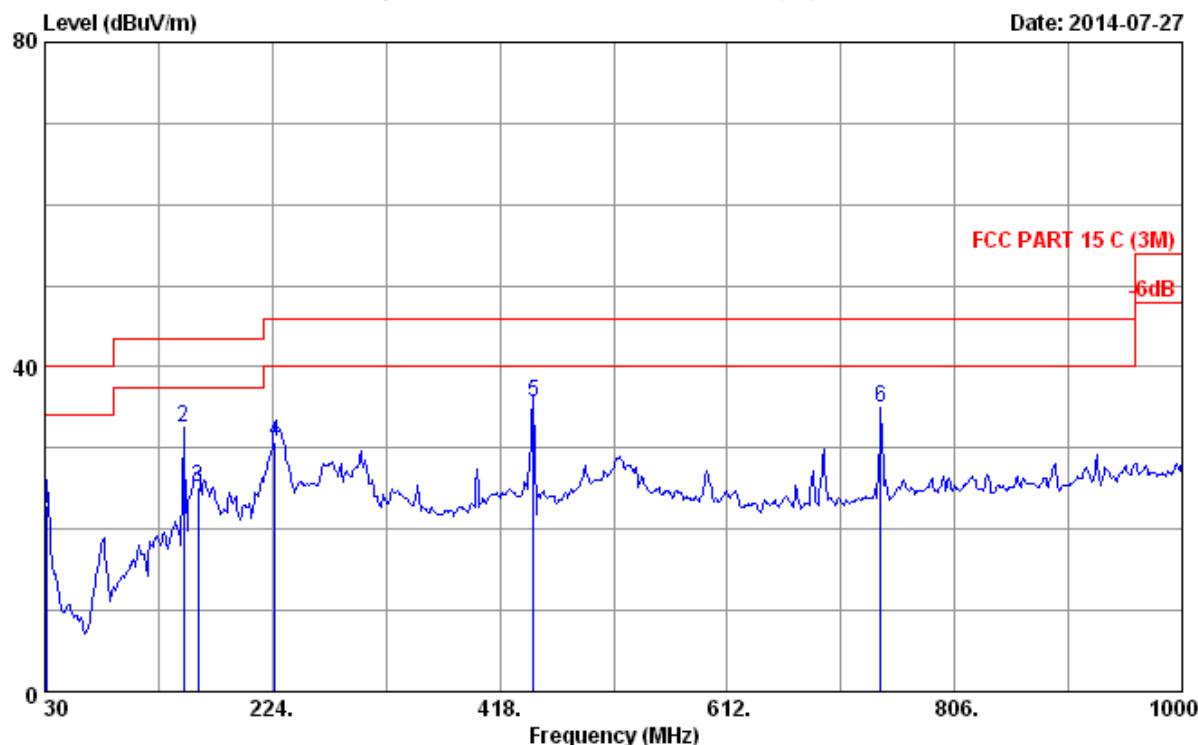
Note: For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.

**2.4G:**
**Frequency: 30MHz~1GHz**

Data: 5

File: E:\2014 Report Data\B\BYD\ACS14Q1256-RF.EM6 (14)

Date: 2014-07-27



Site no. : 3m Chamber Data no. : 5  
Dis. / Ant. : 3m 2014 CBL6112D 35375 Ant. pol. : HORIZONTAL  
Limit : FCC PART 15 C (3M)  
Env. / Ins. : 24°C/34% Engineer : Donjon  
EUT : Tablet PC M/N: AT10-B  
Power rating : DC 5V From Adapter Input AC 120V/60Hz  
Test Mode : TX Mode (WIFI 2.4G)

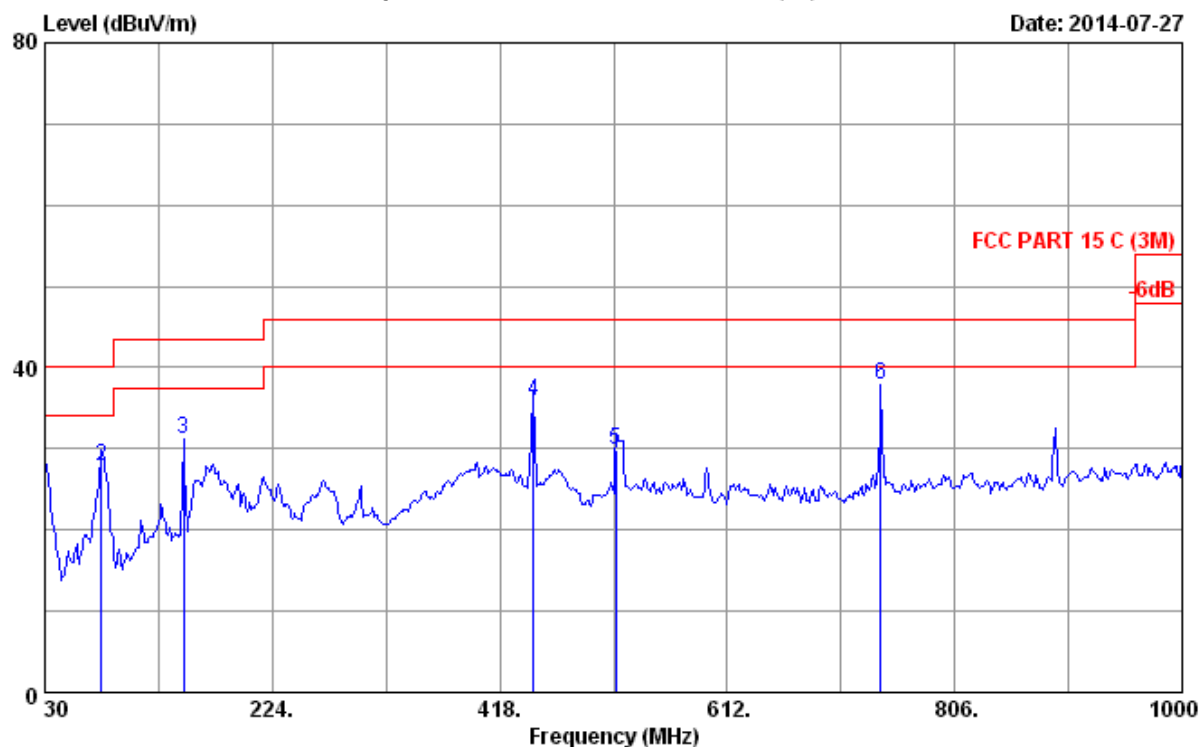
| No. | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1   | 31.940         | 18.82                    | 0.62                  | 3.58              | 23.02                         | 40.00              | 16.98          | QP     |
| 2   | 148.340        | 11.38                    | 1.53                  | 19.67             | 32.58                         | 43.50              | 10.92          | QP     |
| 3   | 160.950        | 10.75                    | 1.61                  | 12.82             | 25.18                         | 43.50              | 18.32          | QP     |
| 4   | 225.940        | 11.00                    | 1.97                  | 17.80             | 30.77                         | 46.00              | 15.23          | QP     |
| 5   | 447.100        | 17.20                    | 3.01                  | 15.42             | 35.63                         | 46.00              | 10.37          | QP     |
| 6   | 742.950        | 20.60                    | 4.28                  | 10.08             | 34.96                         | 46.00              | 11.04          | QP     |

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

Data: 6

File: E:\2014 Report Data\B\BYD\ACS14Q1256-RF.EM6 (14)

Date: 2014-07-27



Site no. : 3m Chamber Data no. : 6  
 Dis. / Ant. : 3m 2014 CBL6112D 35375 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C (3M)  
 Env. / Ins. : 24°C/34% Engineer : Donjon  
 EUT : Tablet PC M/N: AT10-B  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : TX Mode (WIFI 2.4G)

| No. | 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   | 30.000         | 19.60                    | 0.60                  | 6.04              | 26.24                         | 40.00              | 13.76          | QP     |
| 2   | 78.500         | 7.35                     | 0.99                  | 19.49             | 27.83                         | 40.00              | 12.17          | QP     |
| 3   | 148.340        | 11.38                    | 1.53                  | 18.29             | 31.20                         | 43.50              | 12.30          | QP     |
| 4   | 447.100        | 17.20                    | 3.01                  | 15.69             | 35.90                         | 46.00              | 10.10          | QP     |
| 5   | 516.940        | 18.14                    | 3.31                  | 8.48              | 29.93                         | 46.00              | 16.07          | QP     |
| 6   | 742.950        | 20.60                    | 4.28                  | 12.93             | 37.81                         | 46.00              | 8.19           | QP     |

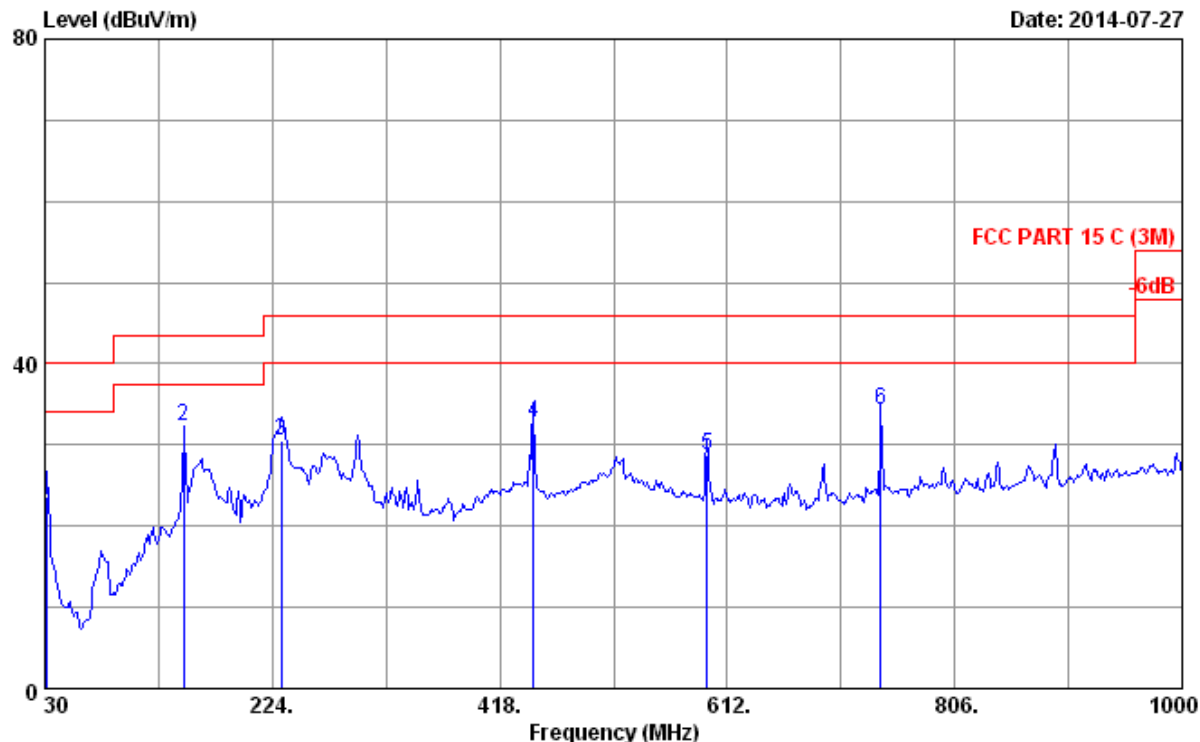
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

**UNII Band 4:**
**Frequency: 30MHz~1GHz**

Data: 13

File: E:\2014 Report Data\B\BYD\ACS14Q1256-RF.EM6 (14)

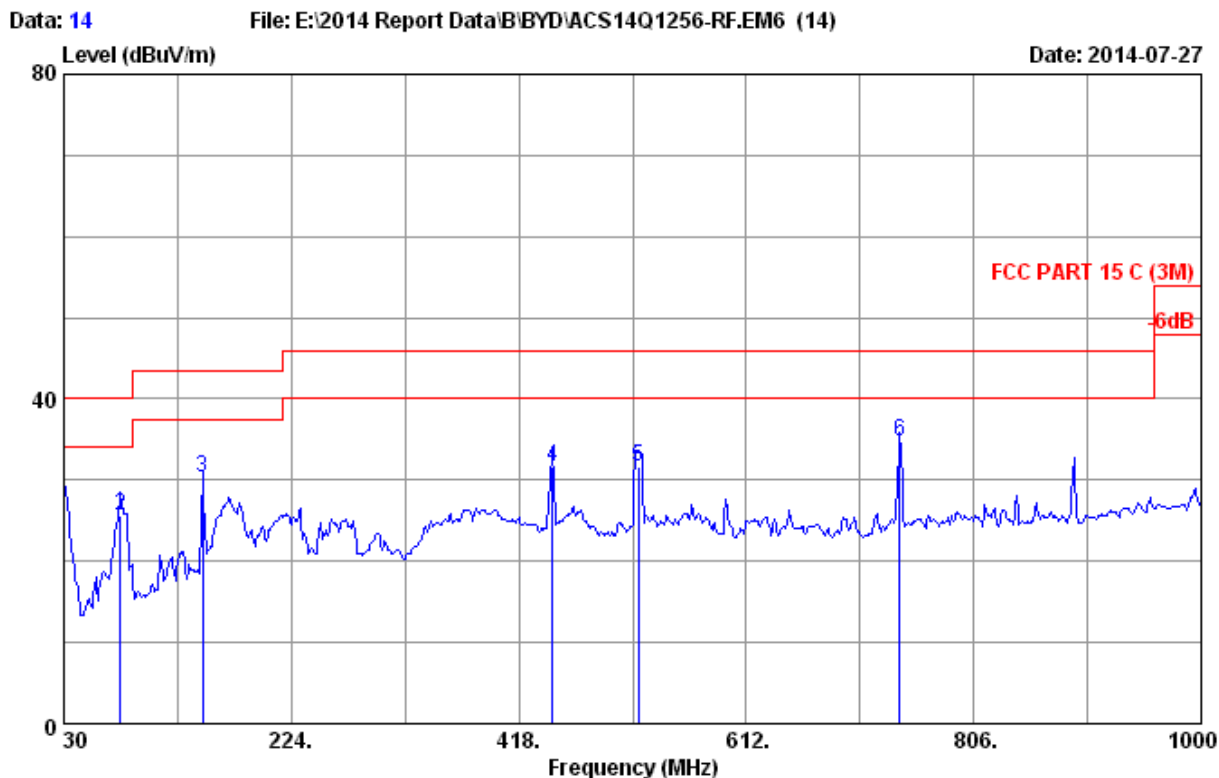
Date: 2014-07-27



Site no. : 3m Chamber Data no. : 13  
 Dis. / Ant. : 3m 2014 CBL6112D 35375 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C (3M)  
 Env. / Ins. : 24°C/34% Engineer : Donjon  
 EUT : Tablet PC M/N: AT10-B  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : TX Mode (WIFI 5.8G)

| No. | 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   | 31.940         | 18.82                    | 0.62                  | 4.23              | 23.67                         | 40.00              | 16.33          | QP     |
| 2   | 148.340        | 11.38                    | 1.53                  | 19.42             | 32.33                         | 43.50              | 11.17          | QP     |
| 3   | 231.760        | 11.48                    | 2.00                  | 17.06             | 30.54                         | 46.00              | 15.46          | QP     |
| 4   | 447.100        | 17.20                    | 3.01                  | 12.55             | 32.76                         | 46.00              | 13.24          | QP     |
| 5   | 594.540        | 19.20                    | 3.68                  | 5.78              | 28.66                         | 46.00              | 17.34          | QP     |
| 6   | 742.950        | 20.60                    | 4.28                  | 9.34              | 34.22                         | 46.00              | 11.78          | QP     |

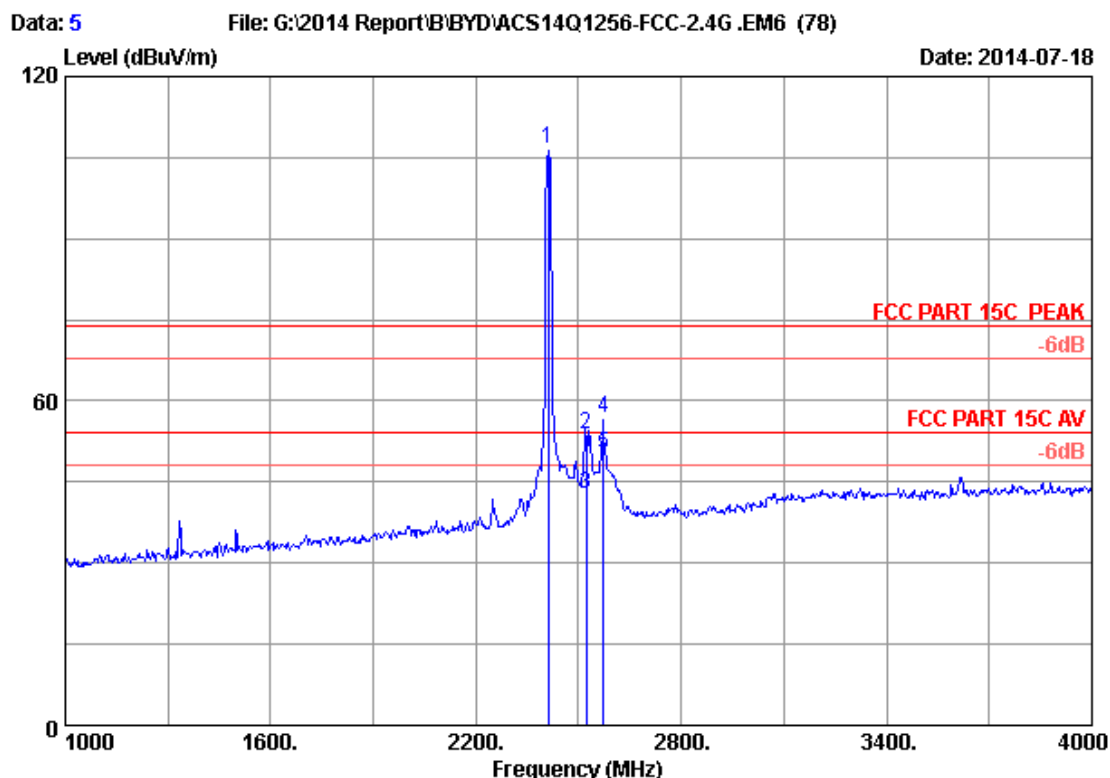
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 14  
 Dis. / Ant. : 3m 2014 CBL6112D 35375 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C (3M)  
 Env. / Ins. : 24°C/34% Engineer : Donjon  
 EUT : Tablet PC M/N: AT10-B  
 Power rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : TX Mode (WIFI 5.8G)

| No. | 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   | 30.000         | 19.60                    | 0.60                  | 5.99              | 26.19                         | 40.00              | 13.81          | QP     |
| 2   | 78.500         | 7.35                     | 0.99                  | 17.19             | 25.53                         | 40.00              | 14.47          | QP     |
| 3   | 148.340        | 11.38                    | 1.53                  | 17.34             | 30.25                         | 43.50              | 13.25          | QP     |
| 4   | 447.100        | 17.20                    | 3.01                  | 11.52             | 31.73                         | 46.00              | 14.27          | QP     |
| 5   | 519.850        | 18.20                    | 3.32                  | 10.06             | 31.58                         | 46.00              | 14.42          | QP     |
| 6   | 742.950        | 20.60                    | 4.28                  | 9.91              | 34.79                         | 46.00              | 11.21          | QP     |

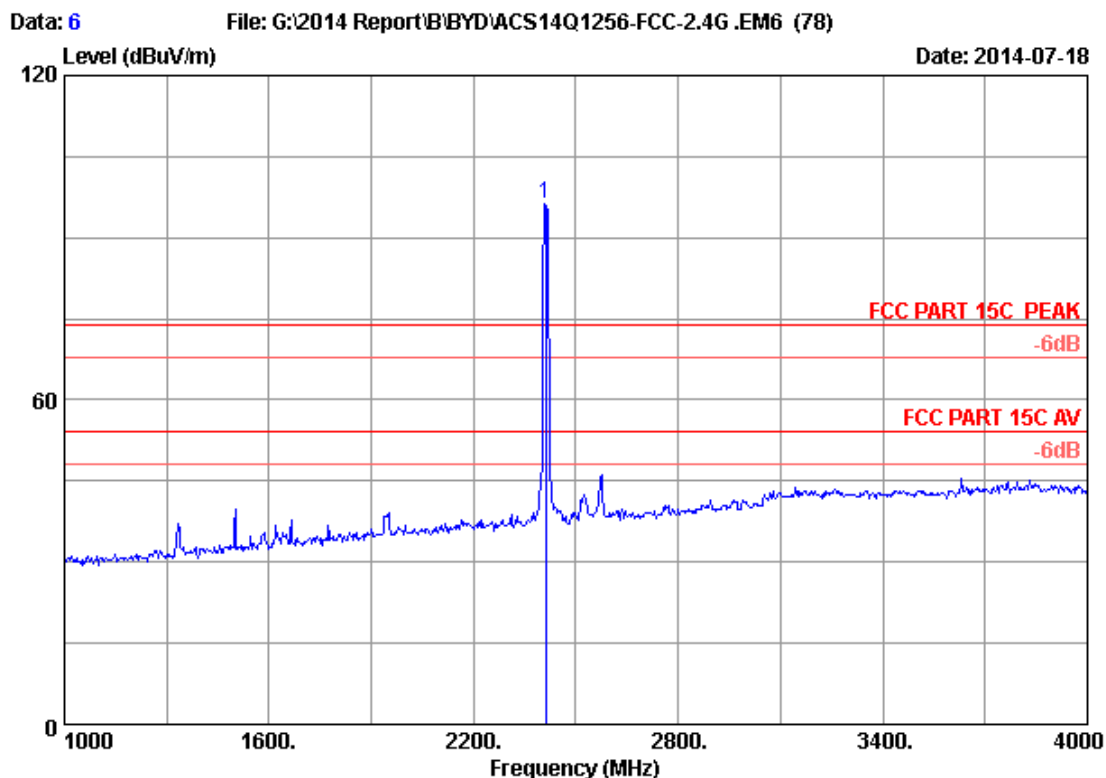
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

**2.4G:**
**Frequency: 1GHz~18GHz**


Site no. : 3m Chamber Data no. : 5  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2412.000       | 28.21                    | 5.81                  | 35.70                 | 108.32            | 106.64                        | 74.00              | -32.64         | Peak    |
| 2   | 2522.000       | 28.49                    | 5.97                  | 35.70                 | 55.11             | 53.87                         | 74.00              | 20.13          | Peak    |
| 3   | 2522.000       | 28.49                    | 5.97                  | 35.70                 | 44.07             | 42.83                         | 54.00              | 11.17          | Average |
| 4   | 2572.000       | 28.69                    | 6.05                  | 35.70                 | 57.89             | 56.93                         | 74.00              | 17.07          | Peak    |
| 5   | 2572.000       | 28.69                    | 6.05                  | 35.70                 | 51.02             | 50.06                         | 54.00              | 3.94           | Average |

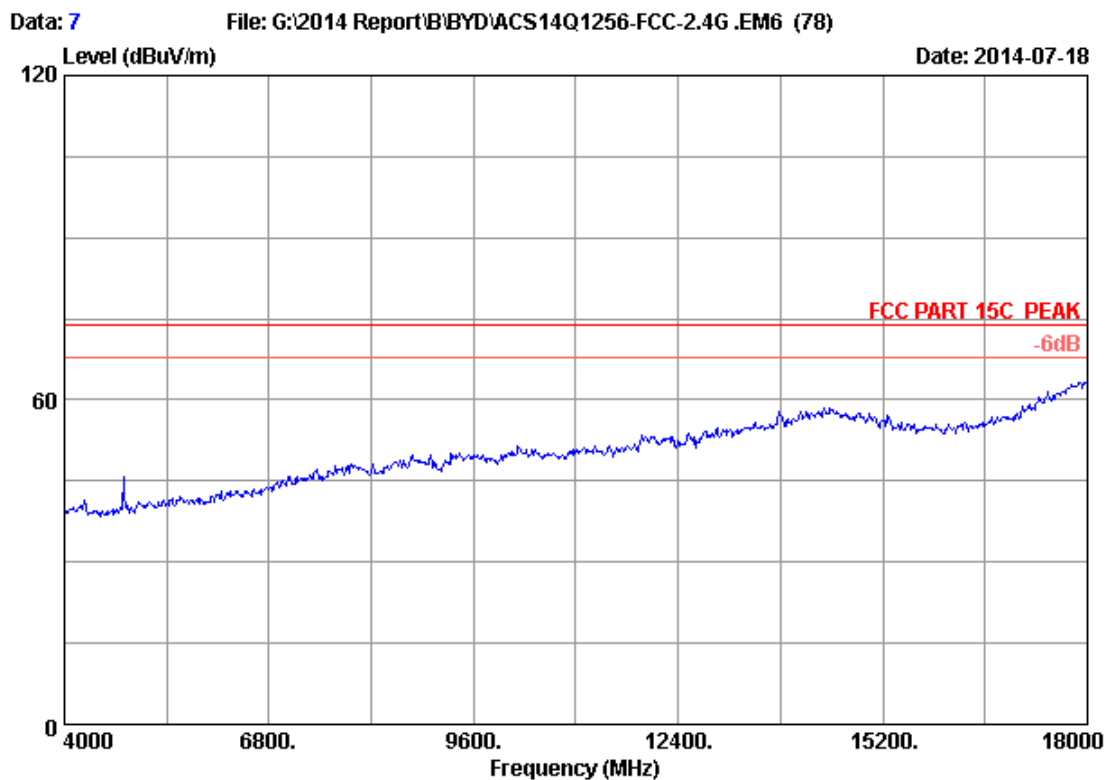
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



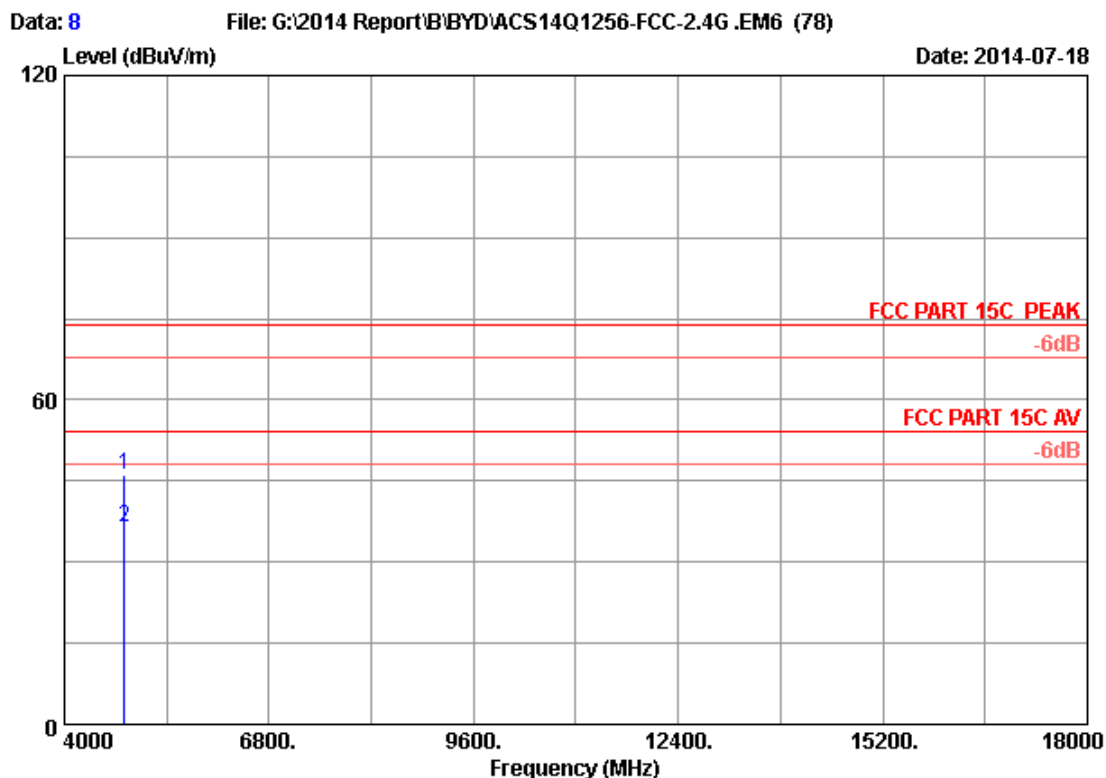
Site no. : 3m Chamber Data no. : 6  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2412.000       | 28.21                    | 5.81                  | 35.70                 | 97.88             | 96.20             | 74.00              | -22.20         | Peak   |

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



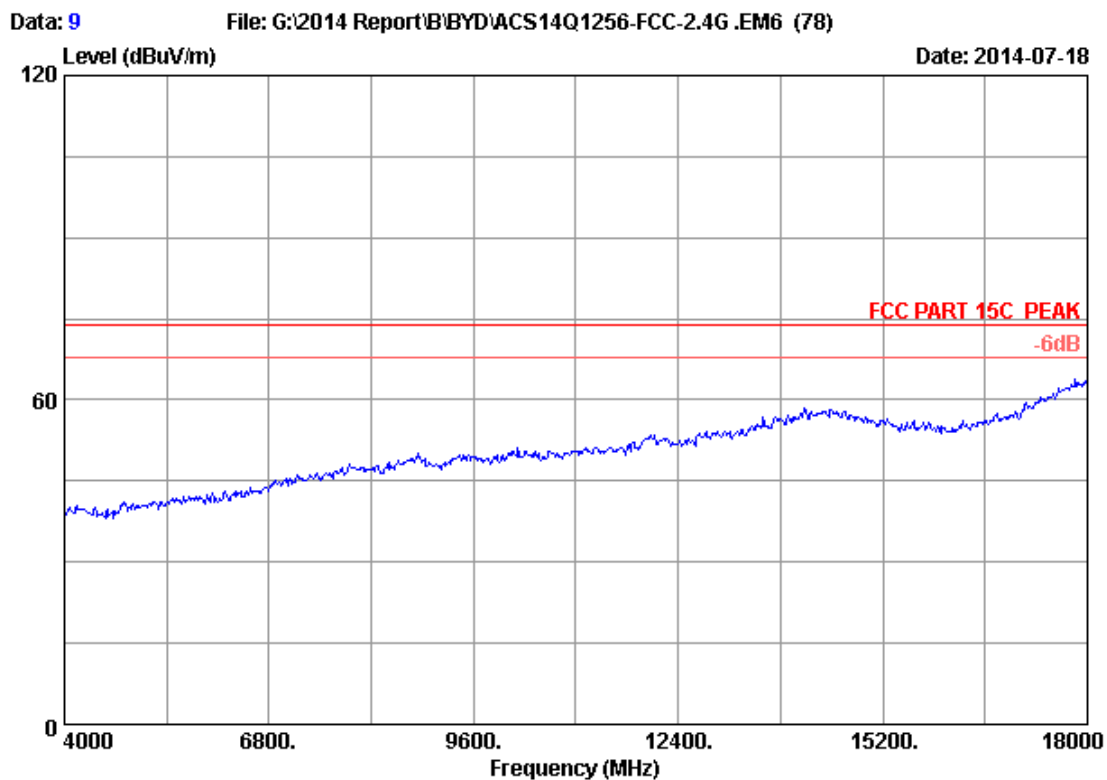
|              |                            |           |              |
|--------------|----------------------------|-----------|--------------|
| Site no.     | : 3m Chamber               | Data no.  | : 7          |
| Dis. / Ant.  | : 3m 2013 3115 (4580)      | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK        |           |              |
| Env. / Ins.  | : 24°C/56%                 | Engineer  | : Leo-Li     |
| EUT          | : Tablet PC                |           |              |
| Power Rating | : DC 5V From Adapter Input | AC        | 120V/60Hz    |
| Test Mode    | : IEEE802.11b 2412MHz Tx   |           |              |
| M/N          | : AT10-B                   |           |              |



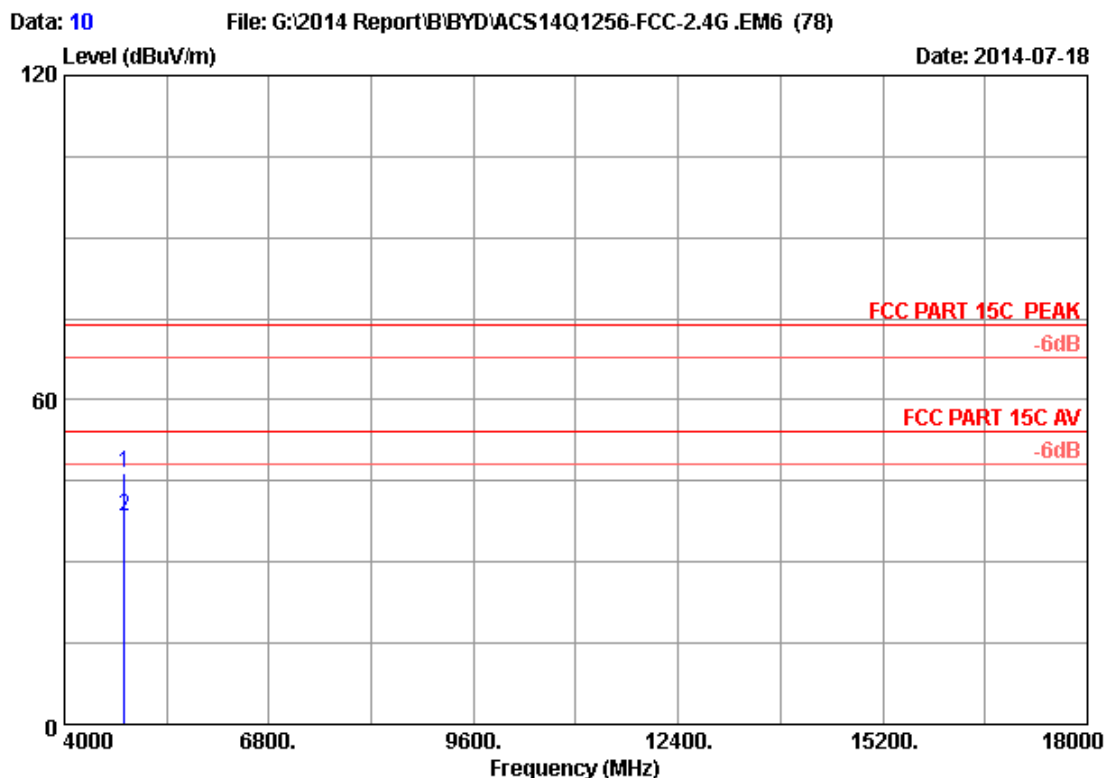
Site no. : 3m Chamber Data no. : 8  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : AT10-B

| No. | 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       | 32.88                    | 8.58                  | 35.70                 | 40.39             | 46.15             | 74.00              | 27.85          | Peak    |
| 2   | 4824.000       | 32.88                    | 8.58                  | 35.70                 | 30.58             | 36.34             | 54.00              | 17.66          | Average |

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



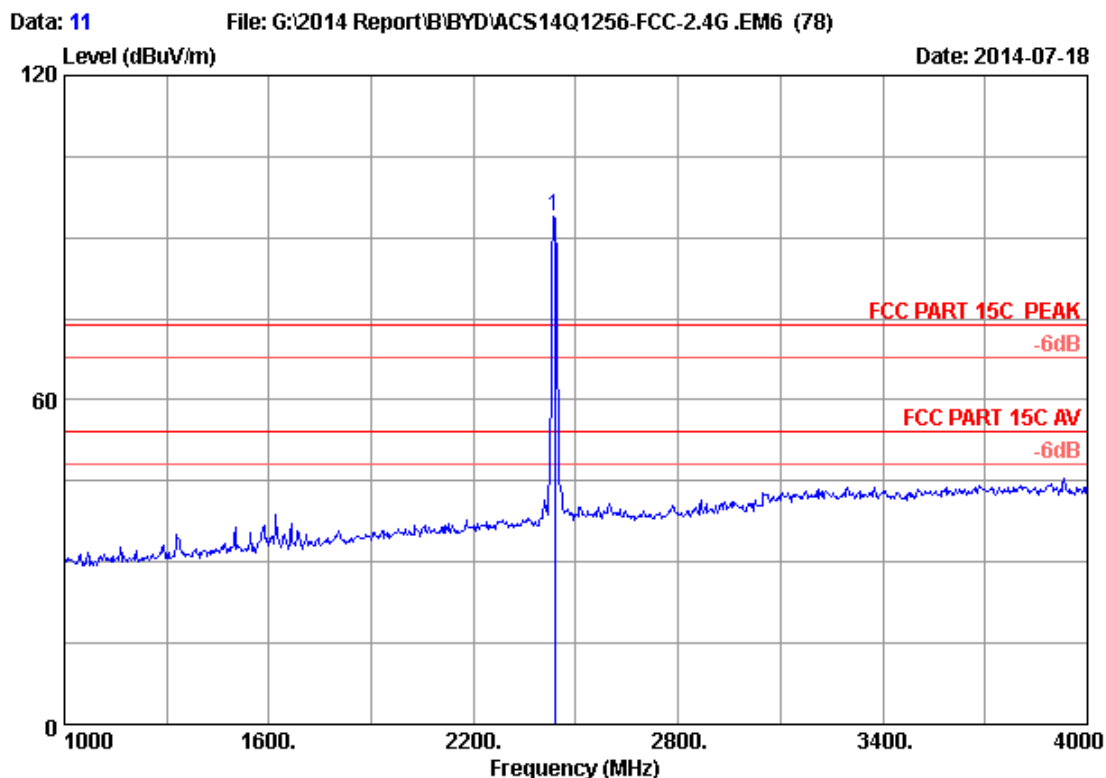
|              |                            |           |             |
|--------------|----------------------------|-----------|-------------|
| Site no.     | : 3m Chamber               | Data no.  | : 9         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)      | Ant. pol. | : VERTICAL  |
| Limit        | : FCC PART 15C PEAK        |           |             |
| Env. / Ins.  | : 24°C/56%                 | Engineer  | : Leo-Li    |
| EUT          | : Tablet PC                |           |             |
| Power Rating | : DC 5V From Adapter Input | AC        | : 120V/60Hz |
| Test Mode    | : IEEE802.11b 2412MHz Tx   |           |             |
| M/N          | : AT10-B                   |           |             |



Site no. : 3m Chamber Data no. : 10  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : AT10-B

| No. | 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       | 32.88                    | 8.58                  | 35.70                 | 40.63             | 46.39             | 74.00              | 27.61          | Peak    |
| 2   | 4824.000       | 32.88                    | 8.58                  | 35.70                 | 32.80             | 38.56             | 54.00              | 15.44          | Average |

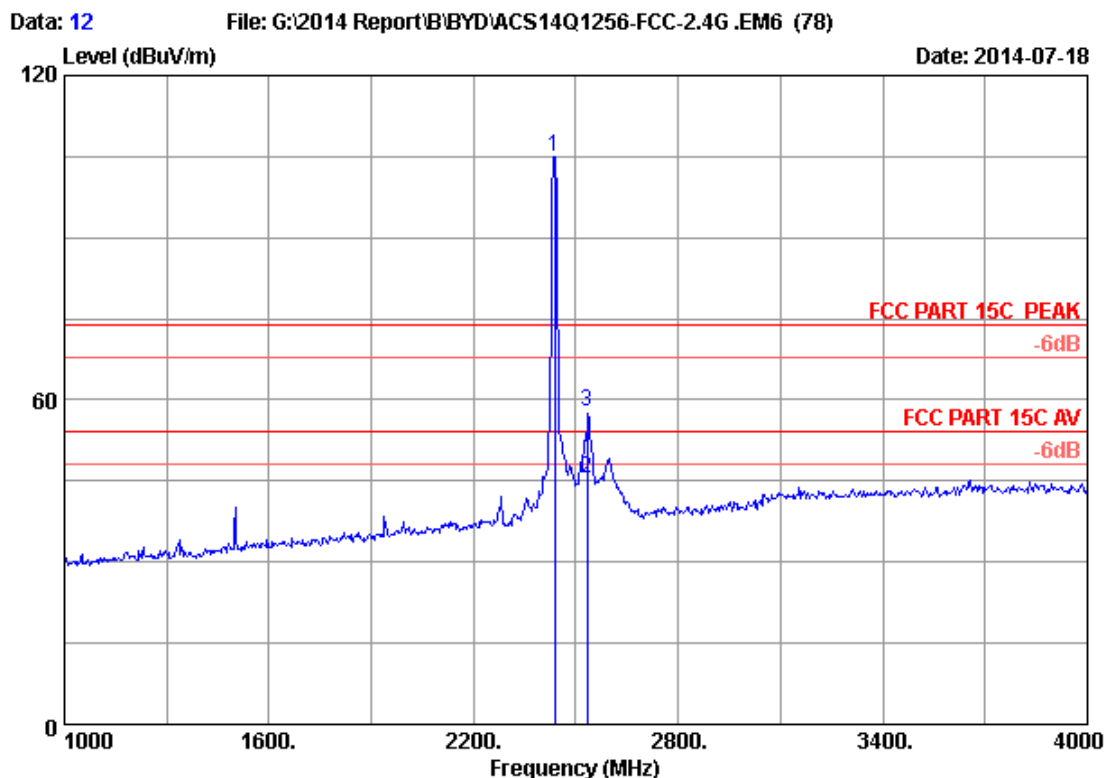
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 11  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2437MHz Tx  
 M/N : AT10-B

| No. | 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       | 28.26                    | 5.85                  | 35.70                 | 95.63             | 94.04             | 74.00              | -20.04         | Peak   |

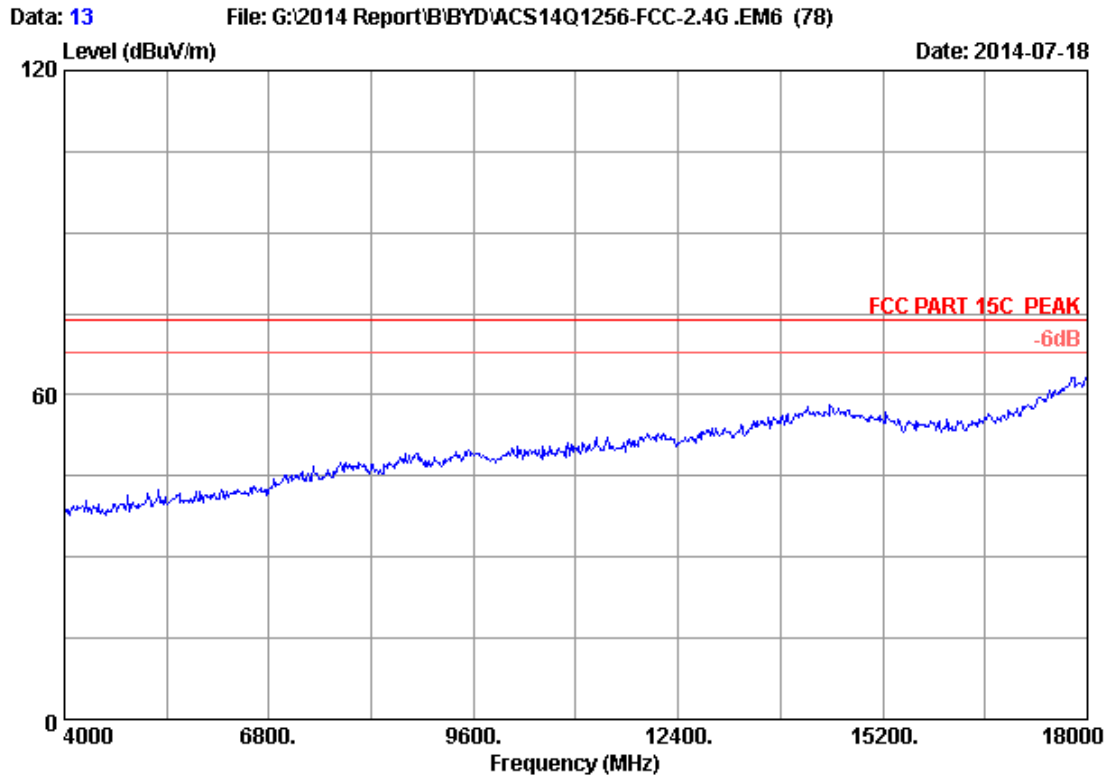
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



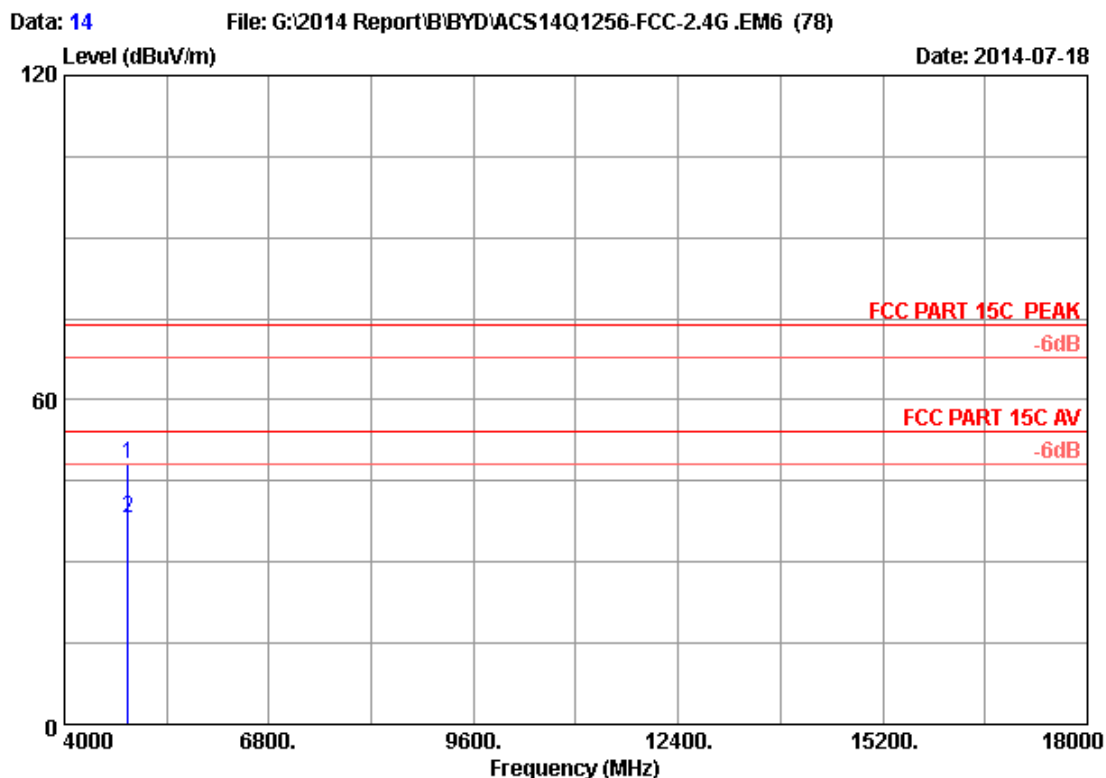
Site no. : 3m Chamber Data no. : 12  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2437MHz Tx  
 M/N : AT10-B

| No. | Freq.<br>(MHz) | Ant.             | Cable        | AMP            | Reading<br>(dBuV) | Emission          |                    |                | Remark  |
|-----|----------------|------------------|--------------|----------------|-------------------|-------------------|--------------------|----------------|---------|
|     |                | Factor<br>(dB/m) | Loss<br>(dB) | factor<br>(dB) |                   | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) |         |
| 1   | 2437.000       | 28.26            | 5.85         | 35.70          | 106.54            | 104.95            | 74.00              | -30.95         | Peak    |
| 2   | 2534.260       | 28.54            | 5.99         | 35.70          | 46.49             | 45.32             | 54.00              | 8.68           | Average |
| 3   | 2534.260       | 28.54            | 5.99         | 35.70          | 59.15             | 57.98             | 74.00              | 16.02          | Peak    |

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



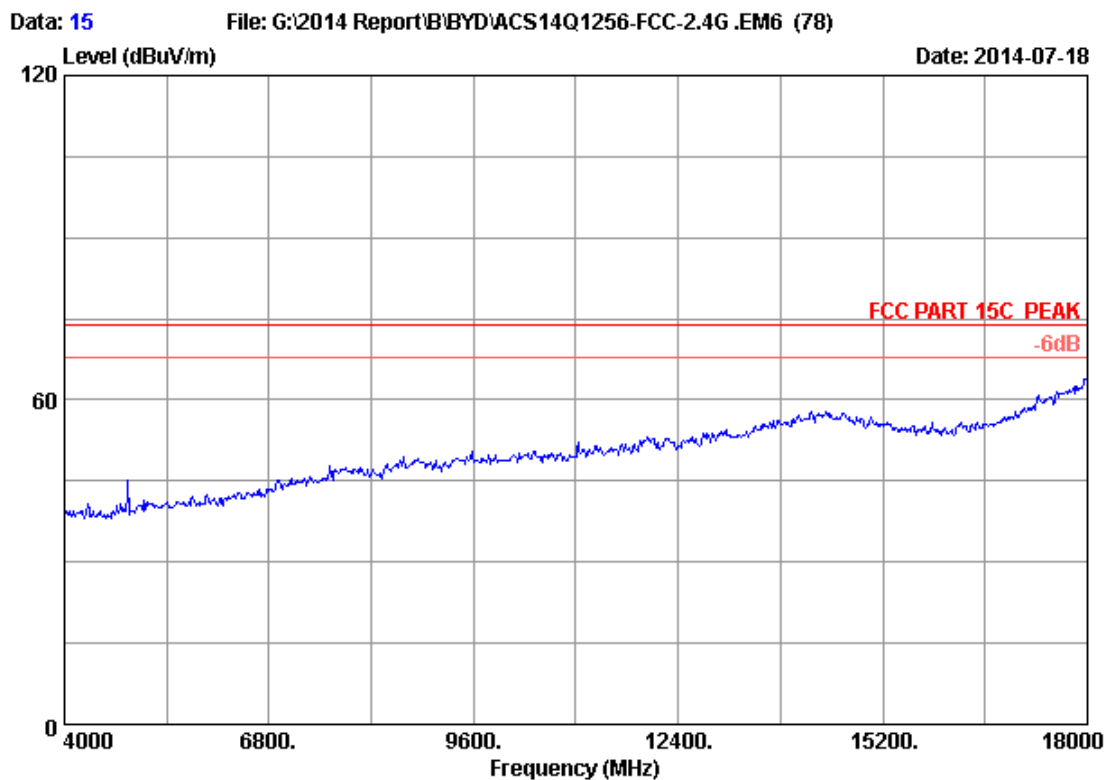
|              |                            |           |            |
|--------------|----------------------------|-----------|------------|
| Site no.     | : 3m Chamber               | Data no.  | : 13       |
| Dis. / Ant.  | : 3m 2013 3115 (4580)      | Ant. pol. | : VERTICAL |
| Limit        | : FCC PART 15C PEAK        |           |            |
| Env. / Ins.  | : 24°C/56%                 | Engineer  | : Leo-Li   |
| EUT          | : Tablet PC                |           |            |
| Power Rating | : DC 5V From Adapter Input | AC        | 120V/60Hz  |
| Test Mode    | : IEEE802.11b 2437MHz Tx   |           |            |
| M/N          | : AT10-B                   |           |            |



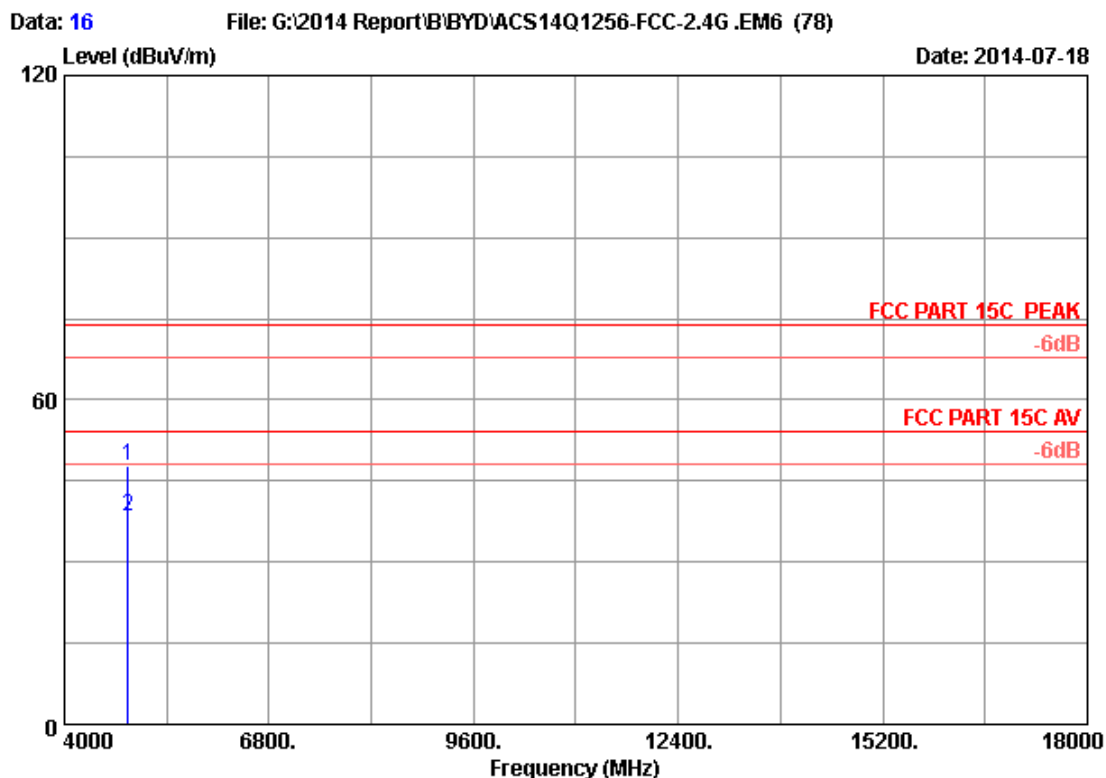
Site no. : 3m Chamber Data no. : 14  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2437MHz Tx  
 M/N : AT10-B

| No. | 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   | 4874.000       | 32.97                    | 8.63                  | 35.70                 | 42.27             | 48.17             | 74.00              | 25.83          | Peak    |
| 2   | 4874.000       | 32.97                    | 8.63                  | 35.70                 | 32.13             | 38.03             | 54.00              | 15.97          | Average |

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



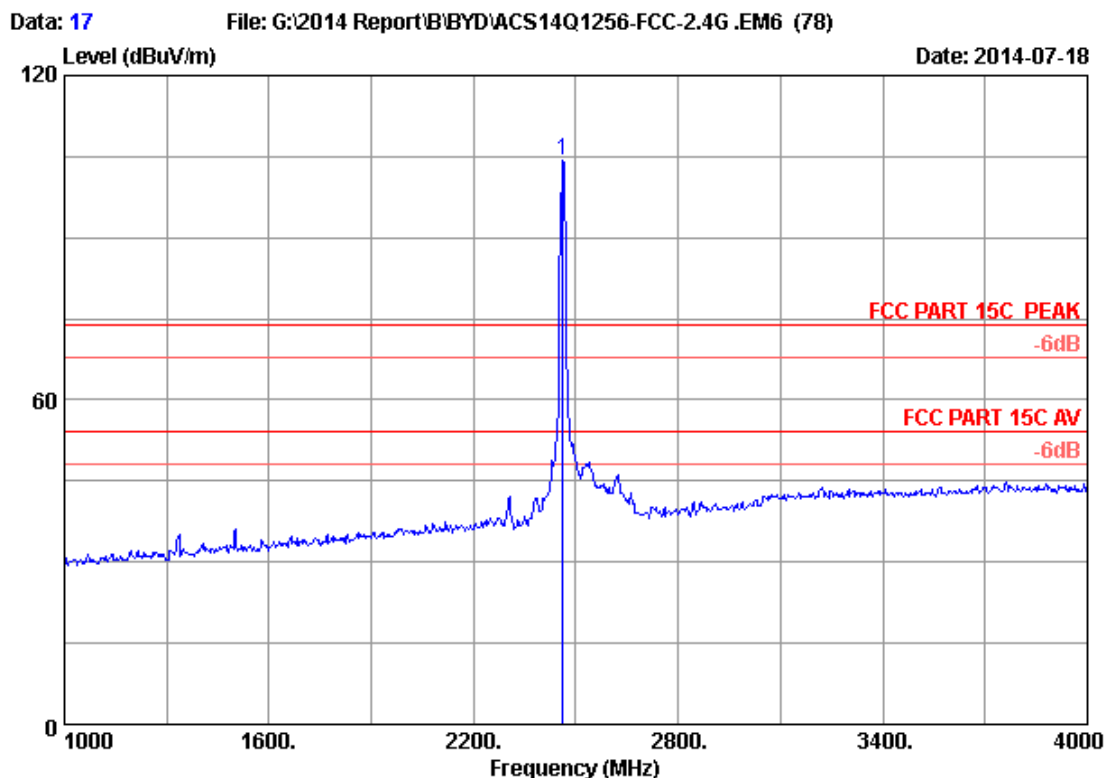
|              |                            |           |              |
|--------------|----------------------------|-----------|--------------|
| Site no.     | : 3m Chamber               | Data no.  | : 15         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)      | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK        |           |              |
| Env. / Ins.  | : 24°C/56%                 | Engineer  | : Leo-Li     |
| EUT          | : Tablet PC                |           |              |
| Power Rating | : DC 5V From Adapter Input | AC        | 120V/60Hz    |
| Test Mode    | : IEEE802.11b 2437MHz Tx   |           |              |
| M/N          | : AT10-B                   |           |              |



Site no. : 3m Chamber Data no. : 16  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2437MHz Tx  
 M/N : AT10-B

| No. | 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   | 4874.000       | 32.97                    | 8.63                  | 35.70                 | 41.90             | 47.80                         | 74.00              | 26.20          | Peak    |
| 2   | 4874.000       | 32.97                    | 8.63                  | 35.70                 | 32.56             | 38.46                         | 54.00              | 15.54          | Average |

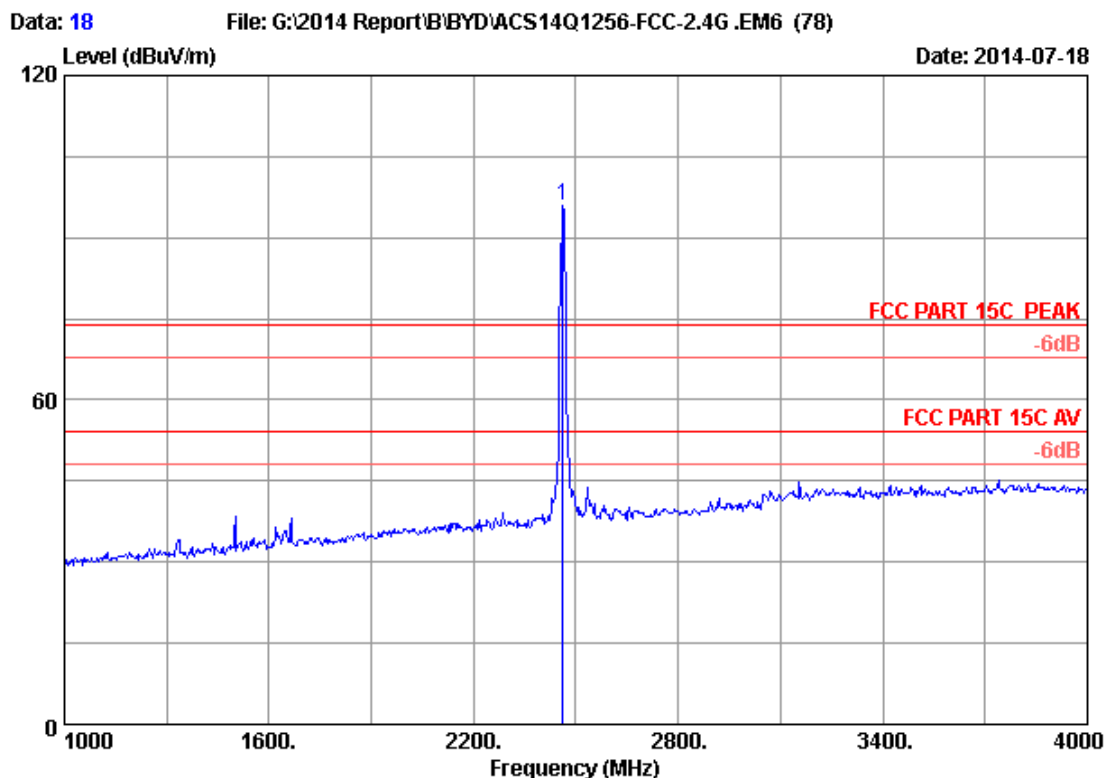
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 17  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2462.000       | 28.32                    | 5.89                  | 35.70                 | 105.81            | 104.32                        | 74.00              | -30.32         | Peak   |

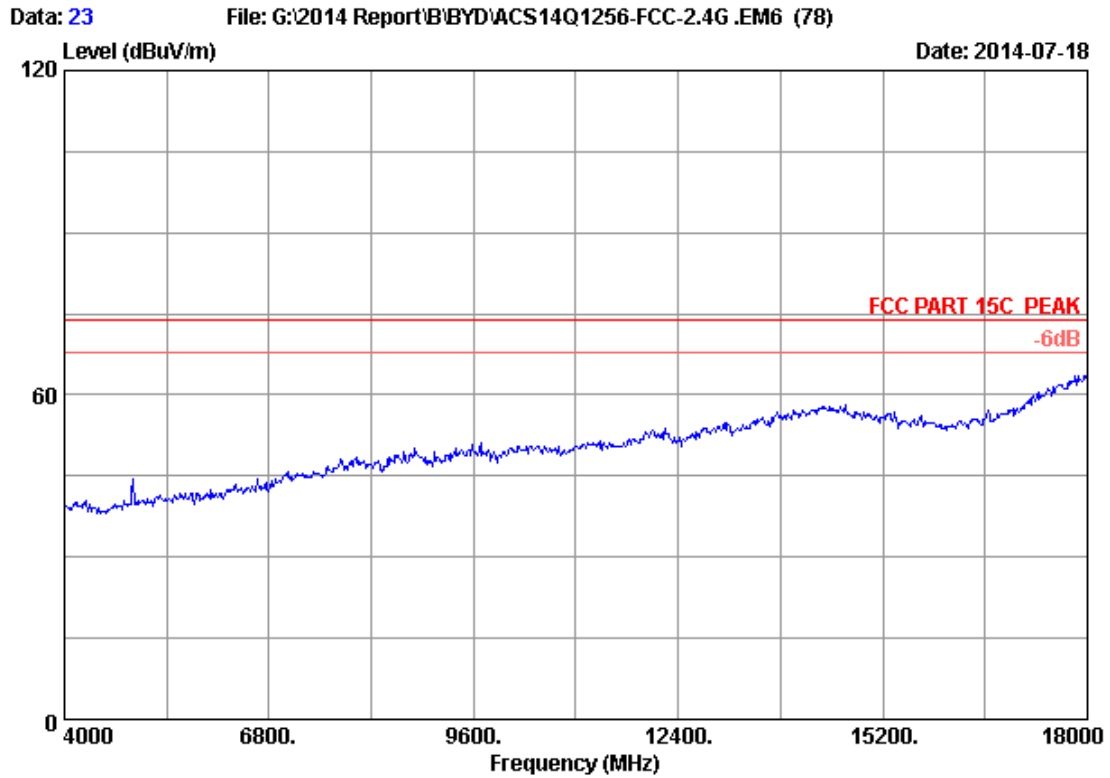
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



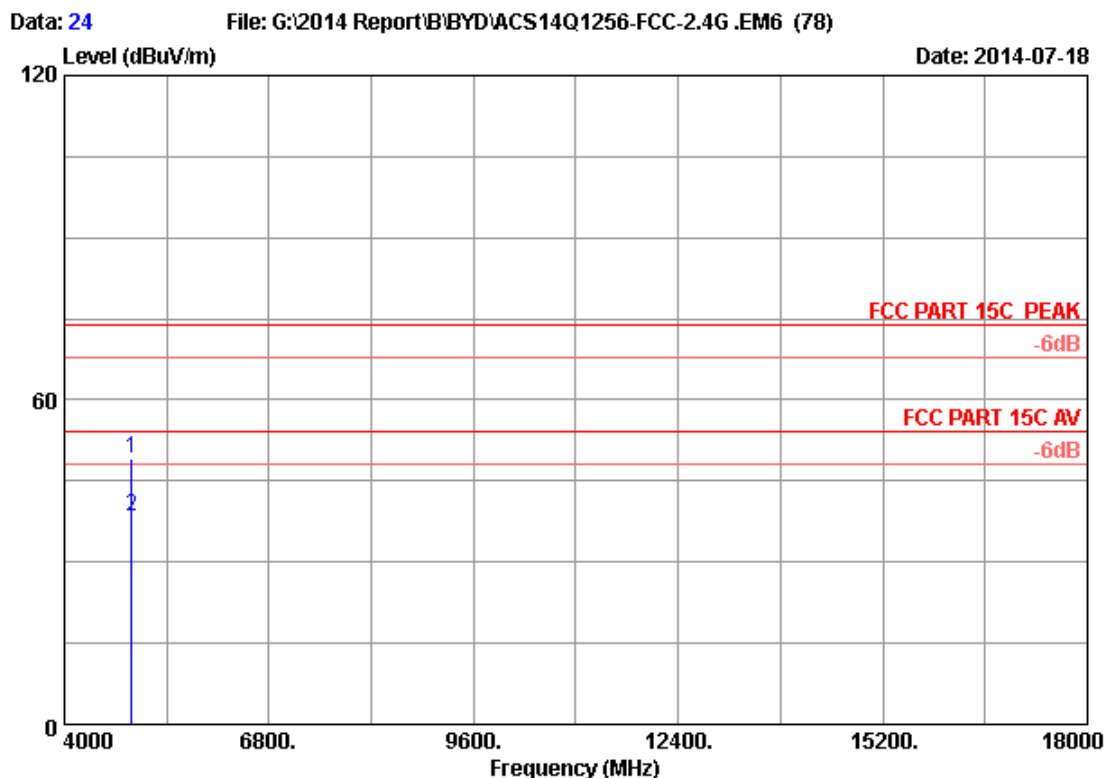
Site no. : 3m Chamber Data no. : 18  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : AT10-B

| No. | 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       | 28.32                    | 5.89                  | 35.70                 | 97.31             | 95.82             | 74.00              | -21.82         | Peak   |

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



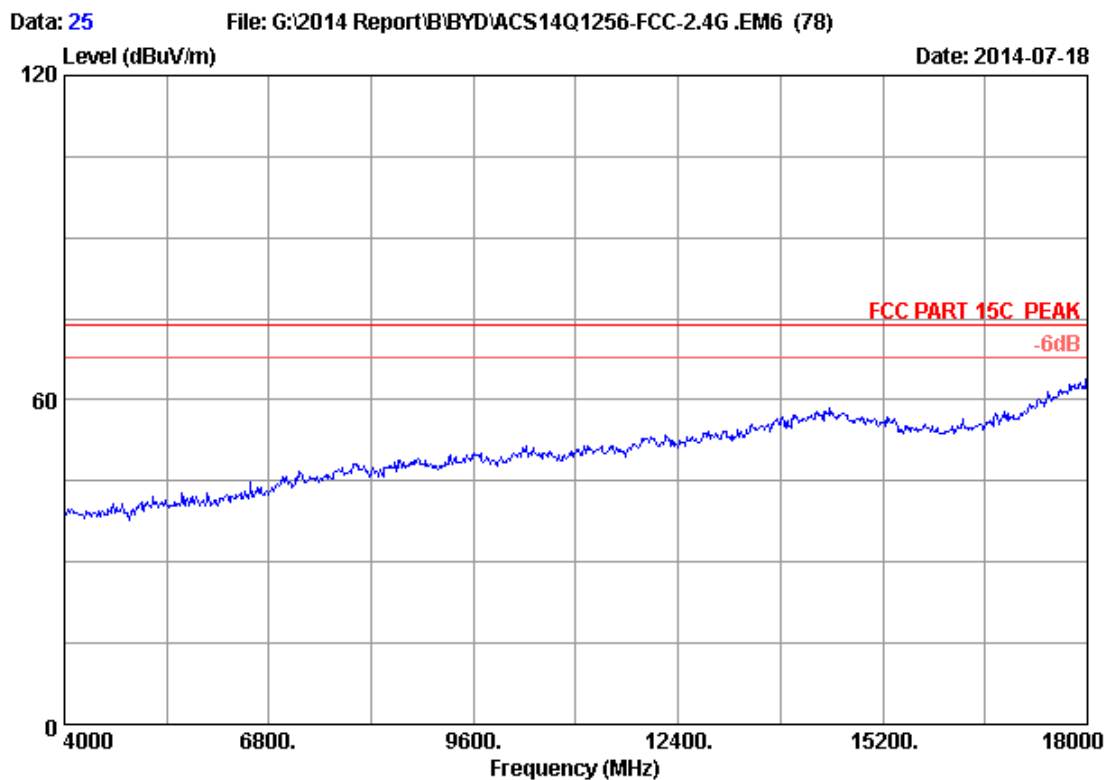
|              |                            |           |              |
|--------------|----------------------------|-----------|--------------|
| Site no.     | : 3m Chamber               | Data no.  | : 23         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)      | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK        |           |              |
| Env. / Ins.  | : 24°C/56%                 | Engineer  | : Leo-Li     |
| EUT          | : Tablet PC                |           |              |
| Power Rating | : DC 5V From Adapter Input | AC        | 120V/60Hz    |
| Test Mode    | : IEEE802.11b 2462MHz Tx   |           |              |
| M/N          | : AT10-B                   |           |              |



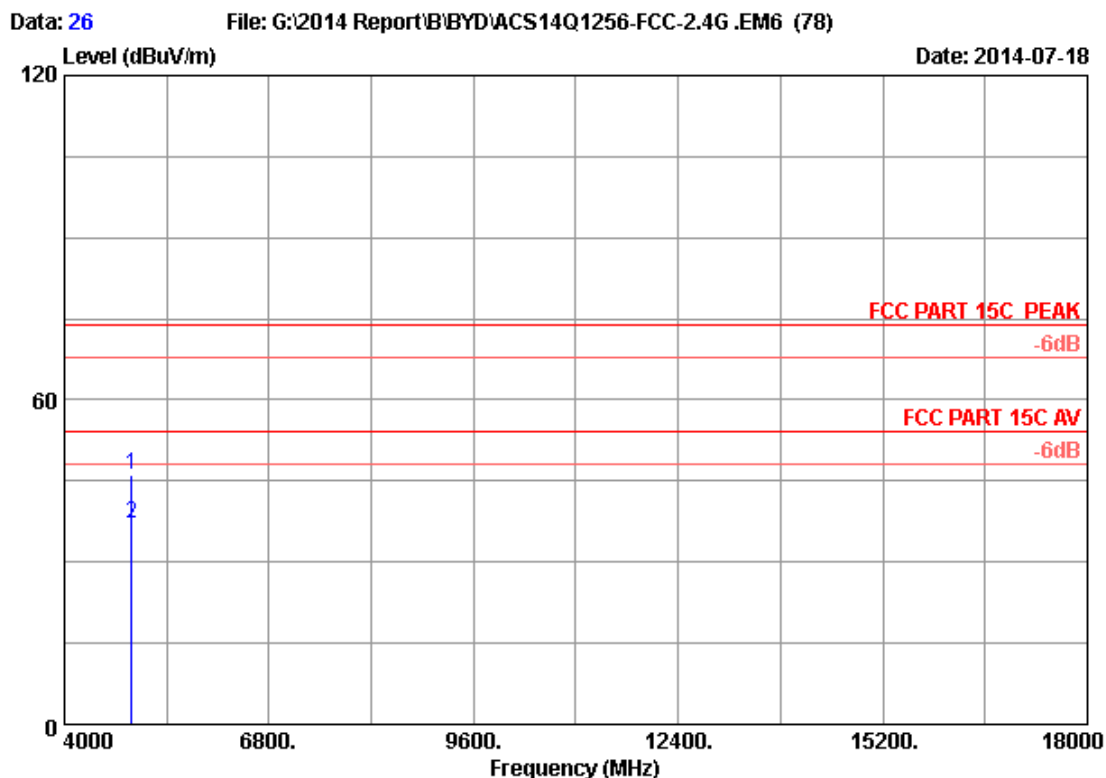
Site no. : 3m Chamber Data no. : 24  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 4924.000       | 33.06                    | 8.69                  | 35.70                 | 43.21             | 49.26                         | 74.00              | 24.74          | Peak    |
| 2   | 4924.000       | 33.06                    | 8.69                  | 35.70                 | 32.50             | 38.55                         | 54.00              | 15.45          | Average |

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



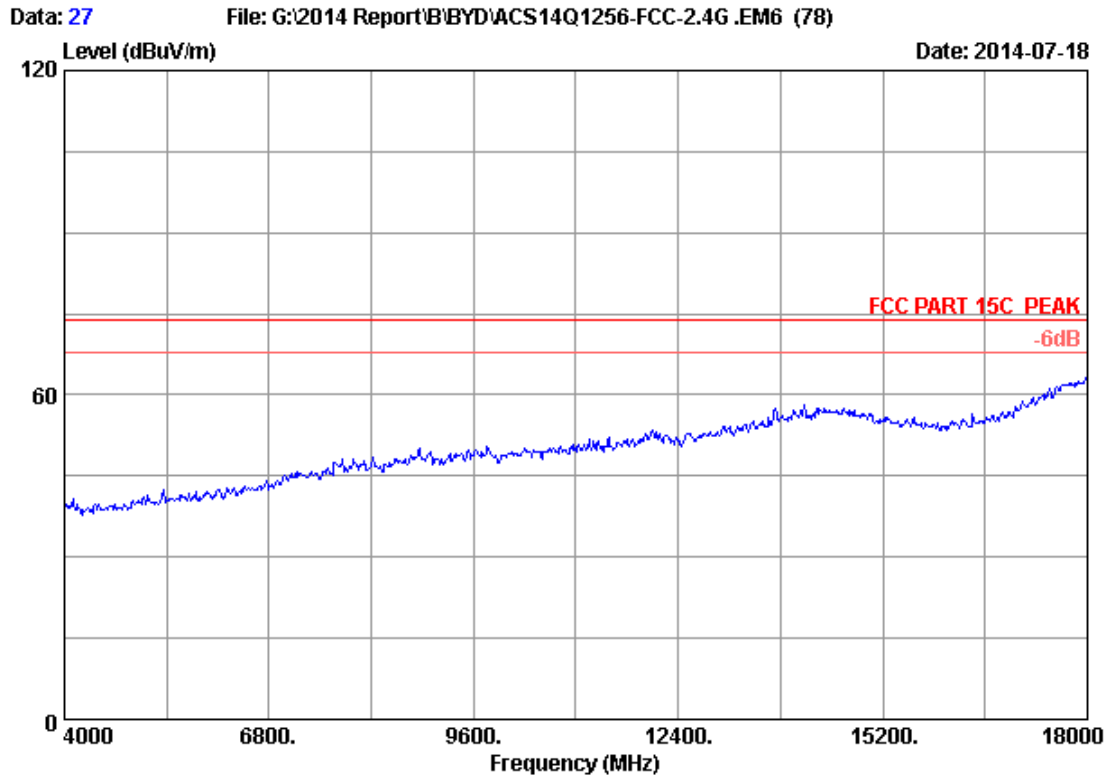
|              |                            |           |            |
|--------------|----------------------------|-----------|------------|
| Site no.     | : 3m Chamber               | Data no.  | : 25       |
| Dis. / Ant.  | : 3m 2013 3115 (4580)      | Ant. pol. | : VERTICAL |
| Limit        | : FCC PART 15C PEAK        |           |            |
| Env. / Ins.  | : 24°C/56%                 | Engineer  | : Leo-Li   |
| EUT          | : Tablet PC                |           |            |
| Power Rating | : DC 5V From Adapter Input | AC        | 120V/60Hz  |
| Test Mode    | : IEEE802.11b 2462MHz Tx   |           |            |
| M/N          | : AT10-B                   |           |            |



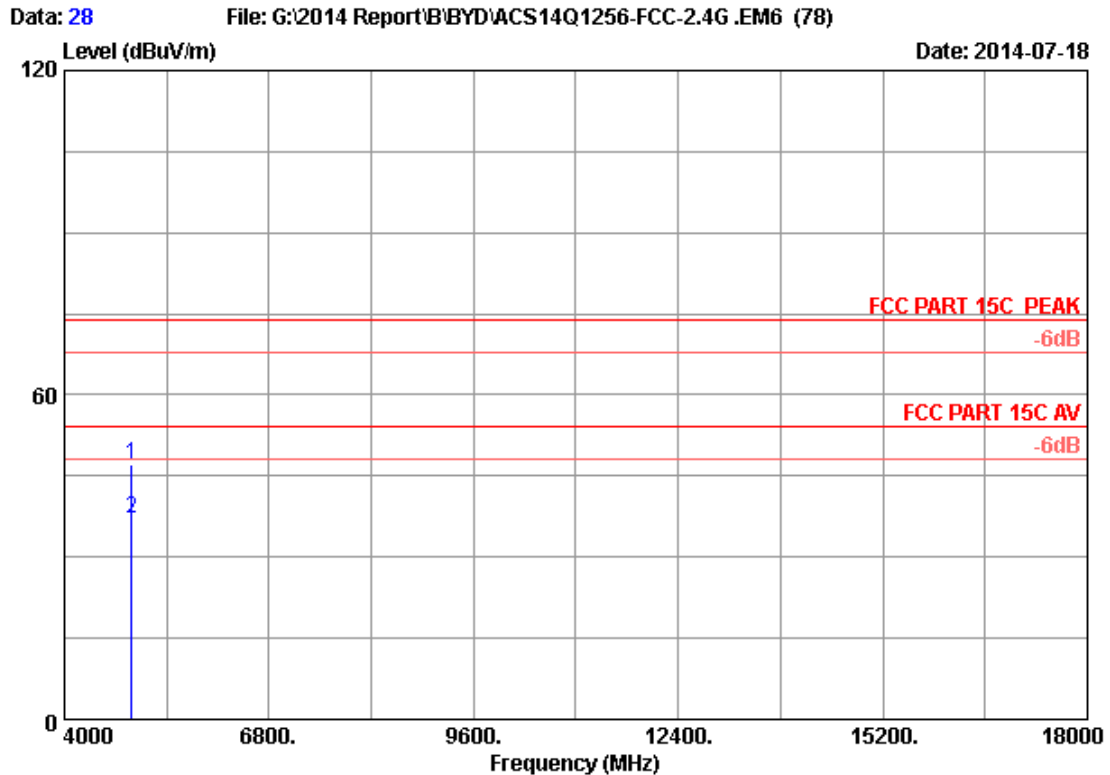
Site no. : 3m Chamber Data no. : 26  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 4924.000       | 33.06                    | 8.69                  | 35.70                 | 40.18             | 46.23             | 74.00              | 27.77          | Peak    |
| 2   | 4924.000       | 33.06                    | 8.69                  | 35.70                 | 31.05             | 37.10             | 54.00              | 16.90          | Average |

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



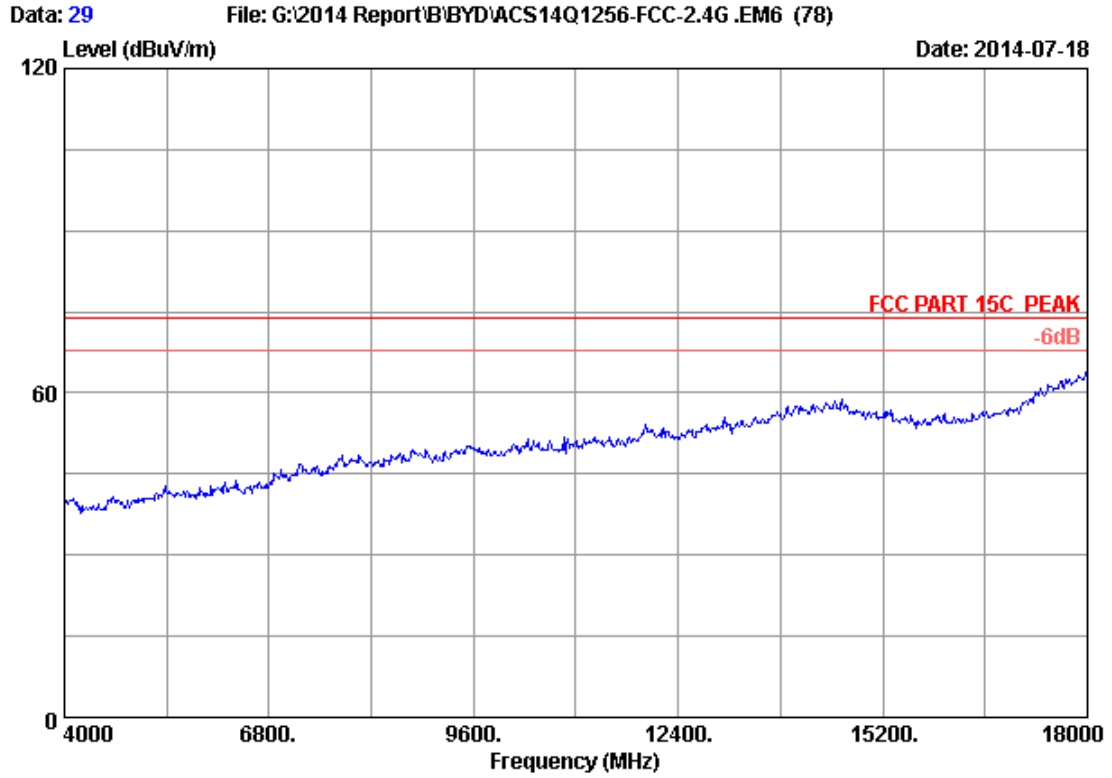
|              |                            |           |            |
|--------------|----------------------------|-----------|------------|
| Site no.     | : 3m Chamber               | Data no.  | : 27       |
| Dis. / Ant.  | : 3m 2013 3115 (4580)      | Ant. pol. | : VERTICAL |
| Limit        | : FCC PART 15C PEAK        |           |            |
| Env. / Ins.  | : 24°C/56%                 | Engineer  | : Leo-Li   |
| EUT          | : Tablet PC                |           |            |
| Power Rating | : DC 5V From Adapter Input | AC        | 120V/60Hz  |
| Test Mode    | : IEEE802.11g 2462MHz Tx   |           |            |
| M/N          | : AT10-B                   |           |            |



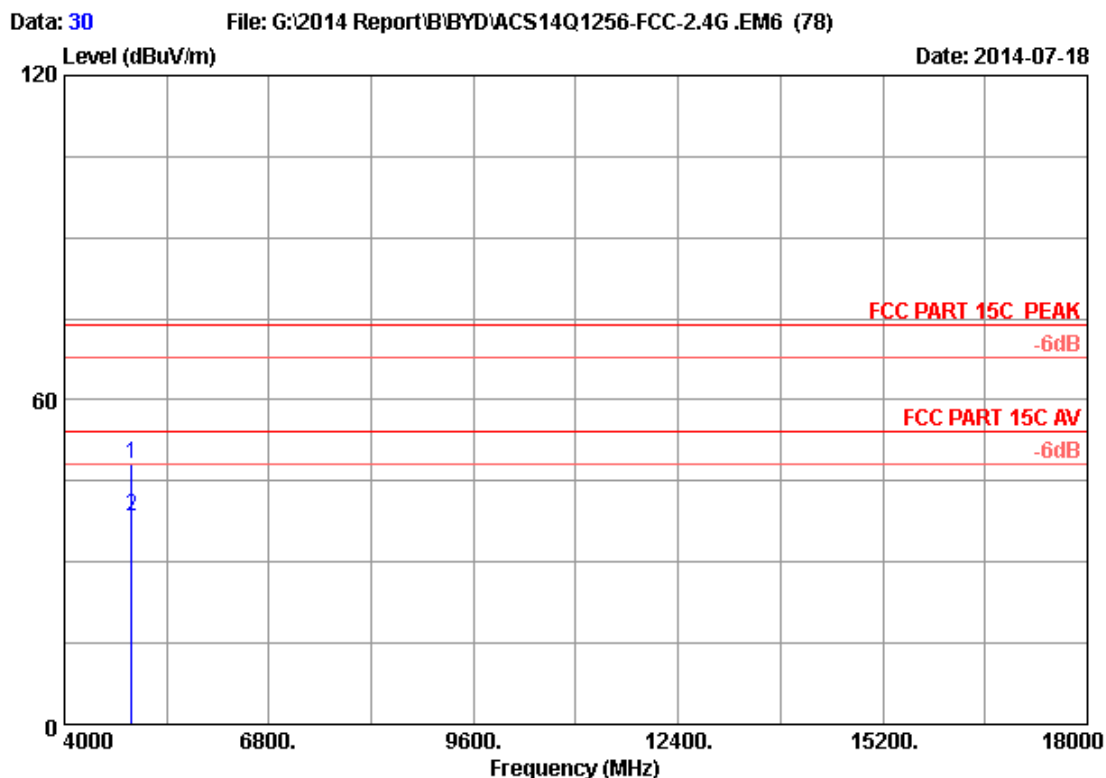
Site no. : 3m Chamber Data no. : 28  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 4924.000       | 33.06                    | 8.69                  | 35.70                 | 41.21             | 47.26                         | 74.00              | 26.74          | Peak    |
| 2   | 4924.000       | 33.06                    | 8.69                  | 35.70                 | 31.10             | 37.15                         | 54.00              | 16.85          | Average |

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



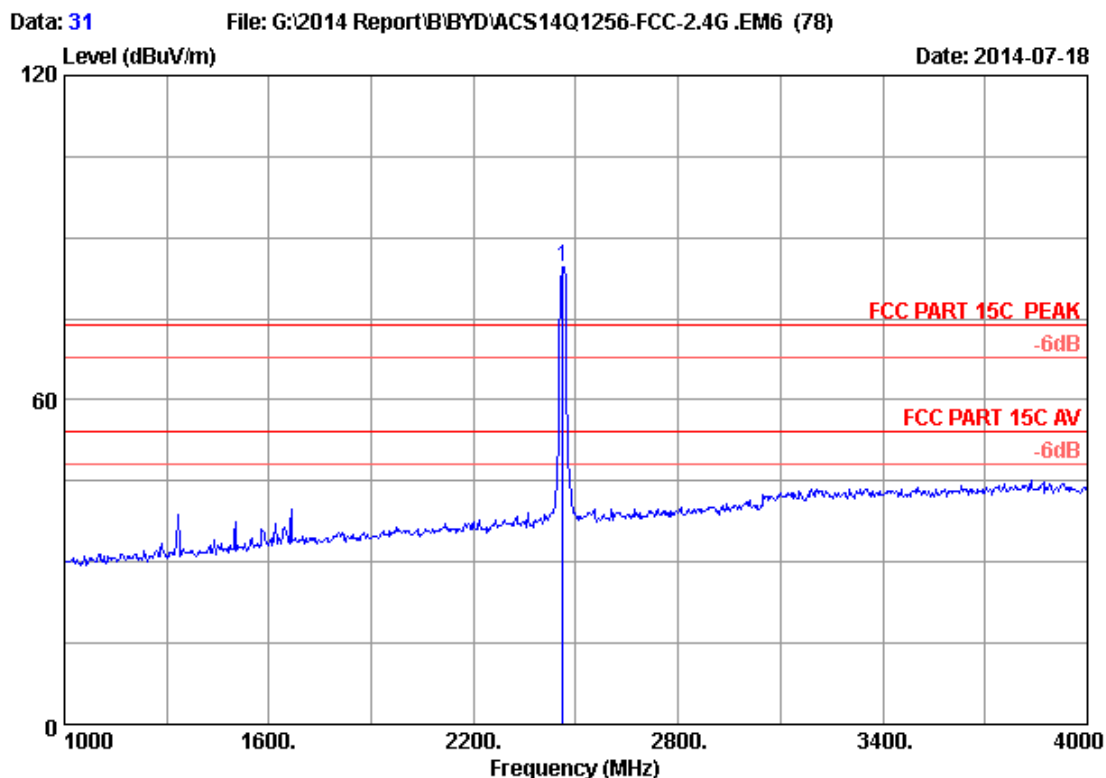
|              |                            |           |              |
|--------------|----------------------------|-----------|--------------|
| Site no.     | : 3m Chamber               | Data no.  | : 29         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)      | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK        |           |              |
| Env. / Ins.  | : 24°C/56%                 | Engineer  | : Leo-Li     |
| EUT          | : Tablet PC                |           |              |
| Power Rating | : DC 5V From Adapter Input | AC        | 120V/60Hz    |
| Test Mode    | : IEEE802.11g 2462MHz Tx   |           |              |
| M/N          | : AT10-B                   |           |              |



Site no. : 3m Chamber Data no. : 30  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 4924.000       | 33.06                    | 8.69                  | 35.70                 | 42.16             | 48.21                         | 74.00              | 25.79          | Peak    |
| 2   | 4924.000       | 33.06                    | 8.69                  | 35.70                 | 32.55             | 38.60                         | 54.00              | 15.40          | Average |

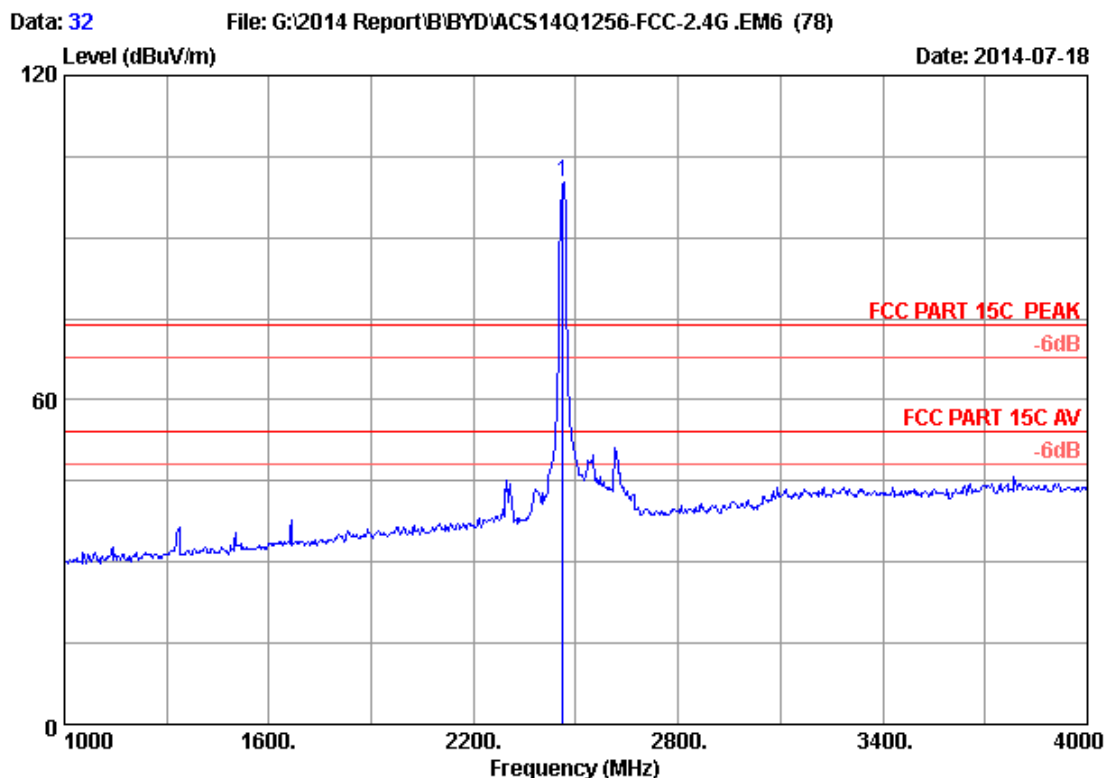
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 31  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : AT10-B

| No. | 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       | 28.32                    | 5.89                  | 35.70                 | 86.07             | 84.58             | 74.00              | -10.58         | Peak   |

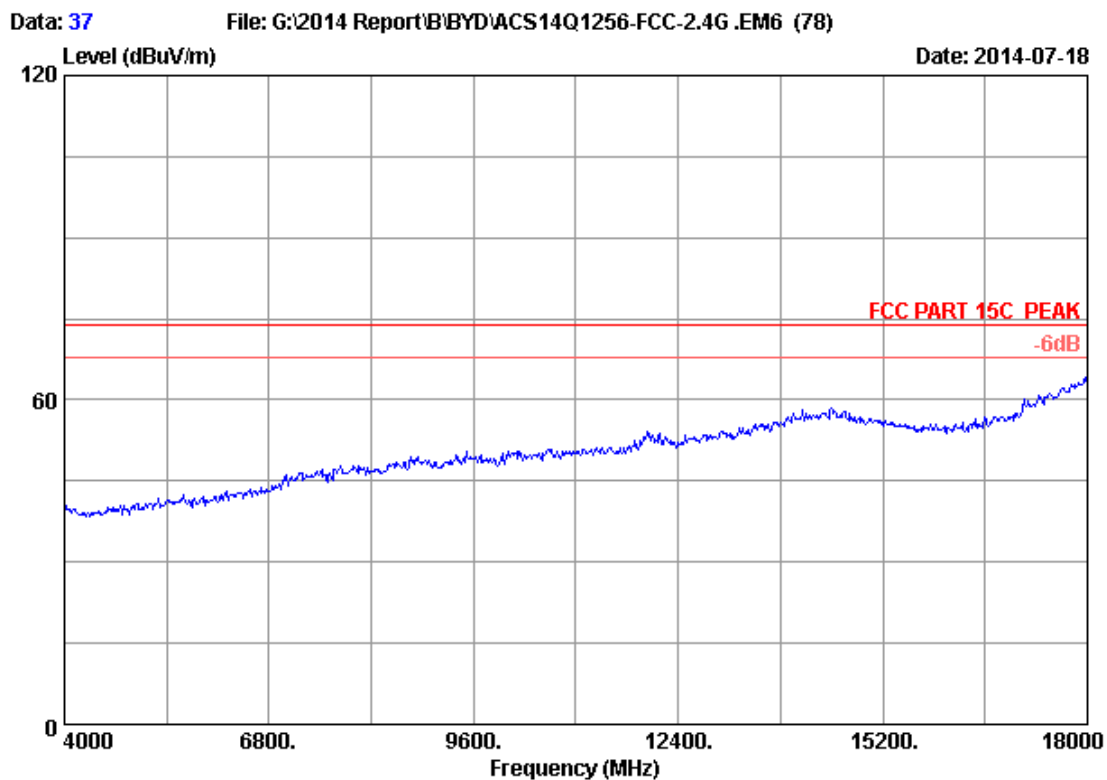
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



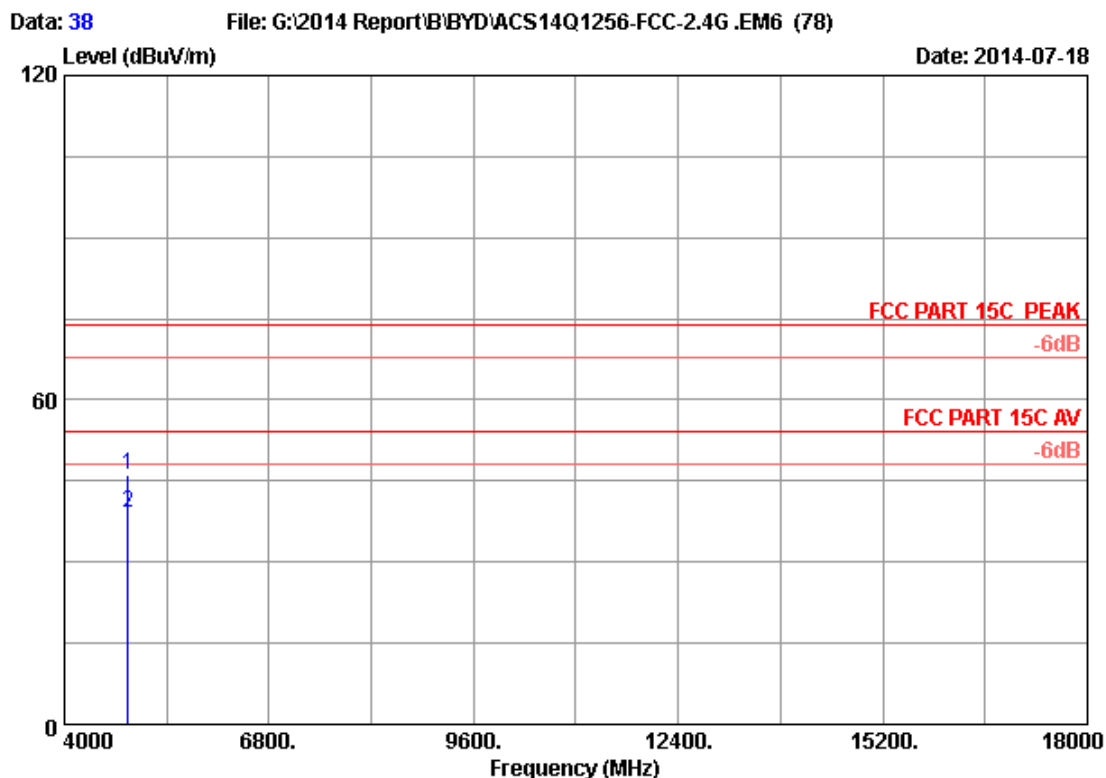
Site no. : 3m Chamber Data no. : 32  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : AT10-B

| No. | 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       | 28.32                    | 5.89                  | 35.70                 | 101.71            | 100.22            | 74.00              | -26.22         | Peak   |

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



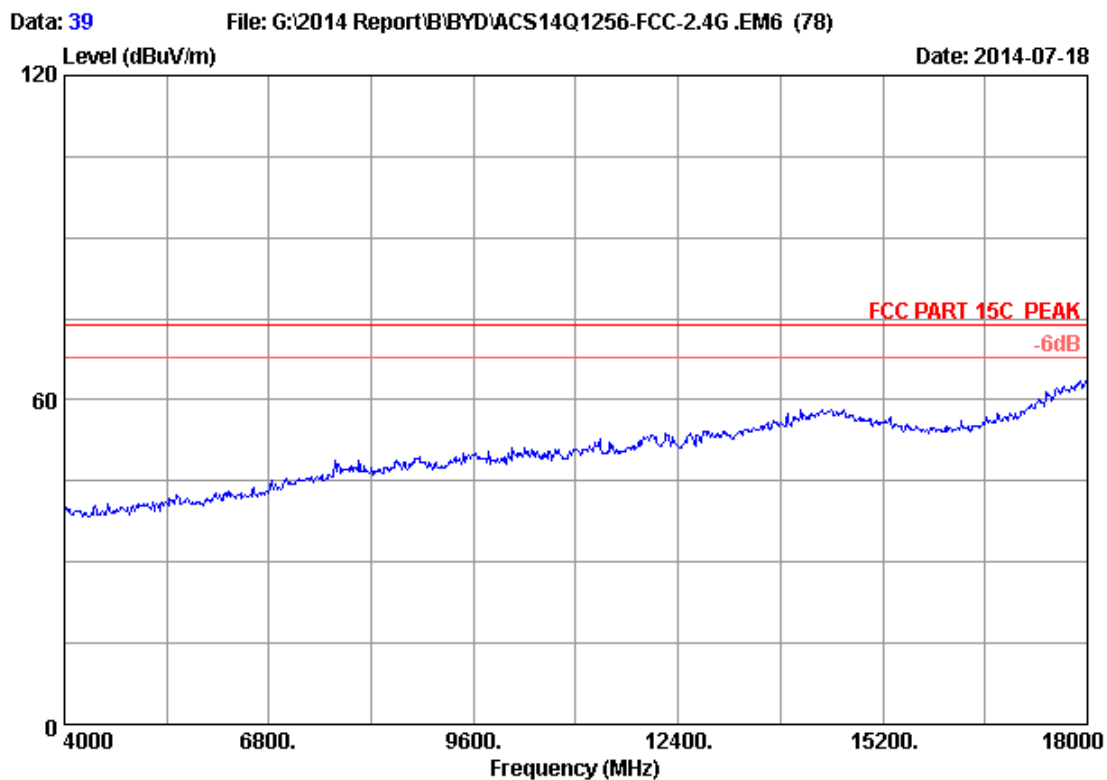
|              |                            |           |              |
|--------------|----------------------------|-----------|--------------|
| Site no.     | : 3m Chamber               | Data no.  | : 37         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)      | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK        |           |              |
| Env. / Ins.  | : 24°C/56%                 | Engineer  | : Leo-Li     |
| EUT          | : Tablet PC                |           |              |
| Power Rating | : DC 5V From Adapter Input | AC        | 120V/60Hz    |
| Test Mode    | : IEEE802.11g 2437MHz Tx   |           |              |
| M/N          | : AT10-B                   |           |              |



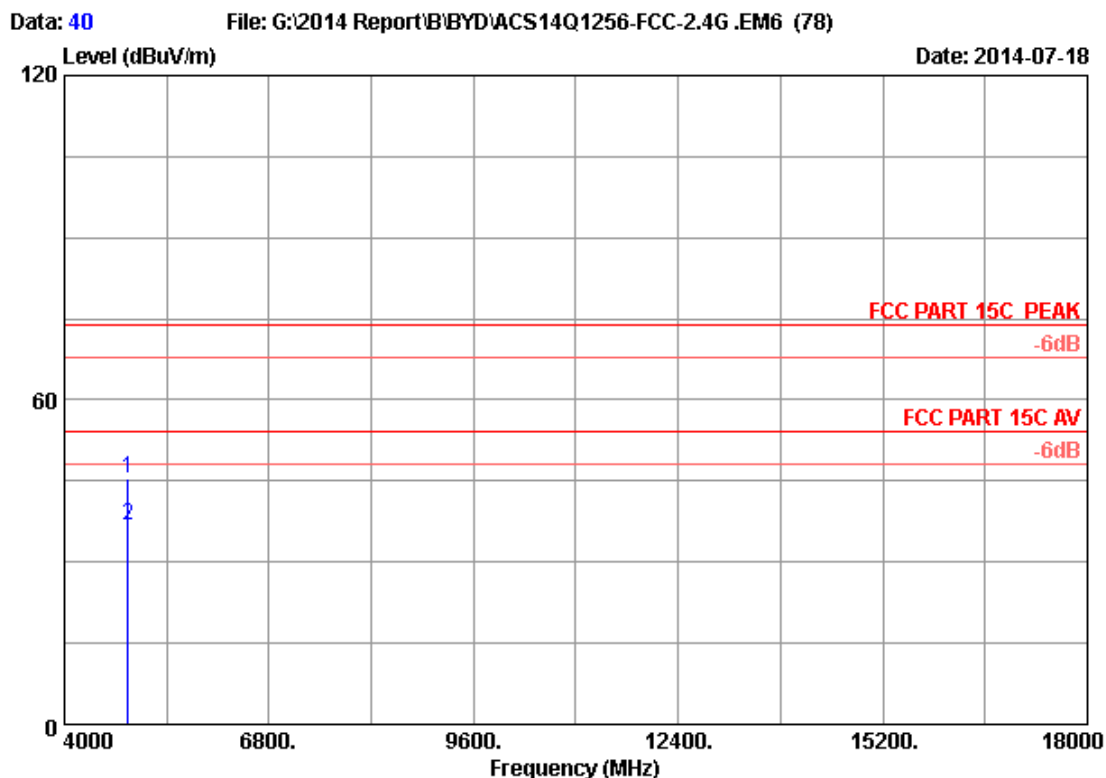
Site no. : 3m Chamber Data no. : 38  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2437MHz Tx  
 M/N : AT10-B

| No. | 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   | 4874.000       | 32.97                    | 8.63                  | 35.70                 | 40.22             | 46.12                         | 74.00              | 27.88          | Peak    |
| 2   | 4874.000       | 32.97                    | 8.63                  | 35.70                 | 33.16             | 39.06                         | 54.00              | 14.94          | Average |

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



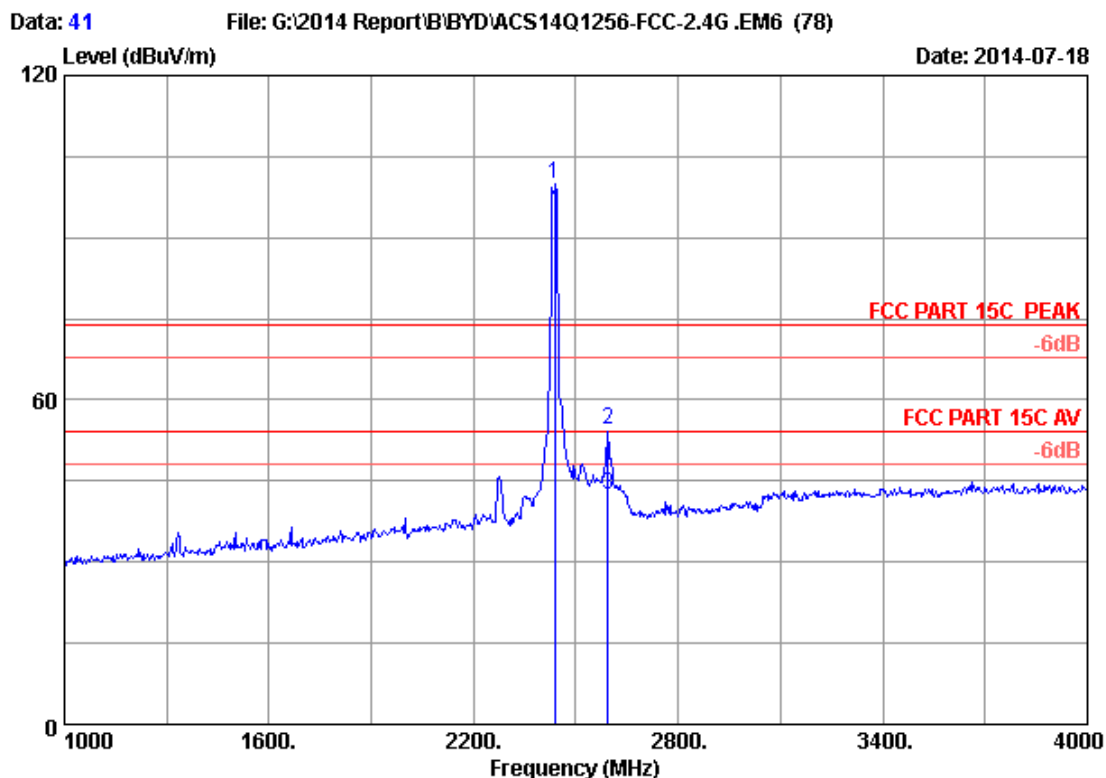
|              |                            |           |            |
|--------------|----------------------------|-----------|------------|
| Site no.     | : 3m Chamber               | Data no.  | : 39       |
| Dis. / Ant.  | : 3m 2013 3115 (4580)      | Ant. pol. | : VERTICAL |
| Limit        | : FCC PART 15C PEAK        |           |            |
| Env. / Ins.  | : 24°C/56%                 | Engineer  | : Leo-Li   |
| EUT          | : Tablet PC                |           |            |
| Power Rating | : DC 5V From Adapter Input | AC        | 120V/60Hz  |
| Test Mode    | : IEEE802.11g 2437MHz Tx   |           |            |
| M/N          | : AT10-B                   |           |            |



Site no. : 3m Chamber Data no. : 40  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2437MHz Tx  
 M/N : AT10-B

| No. | 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   | 4874.000       | 32.97                    | 8.63                  | 35.70                 | 39.57             | 45.47             | 74.00              | 28.53          | Peak    |
| 2   | 4874.000       | 32.97                    | 8.63                  | 35.70                 | 30.82             | 36.72             | 54.00              | 17.28          | Average |

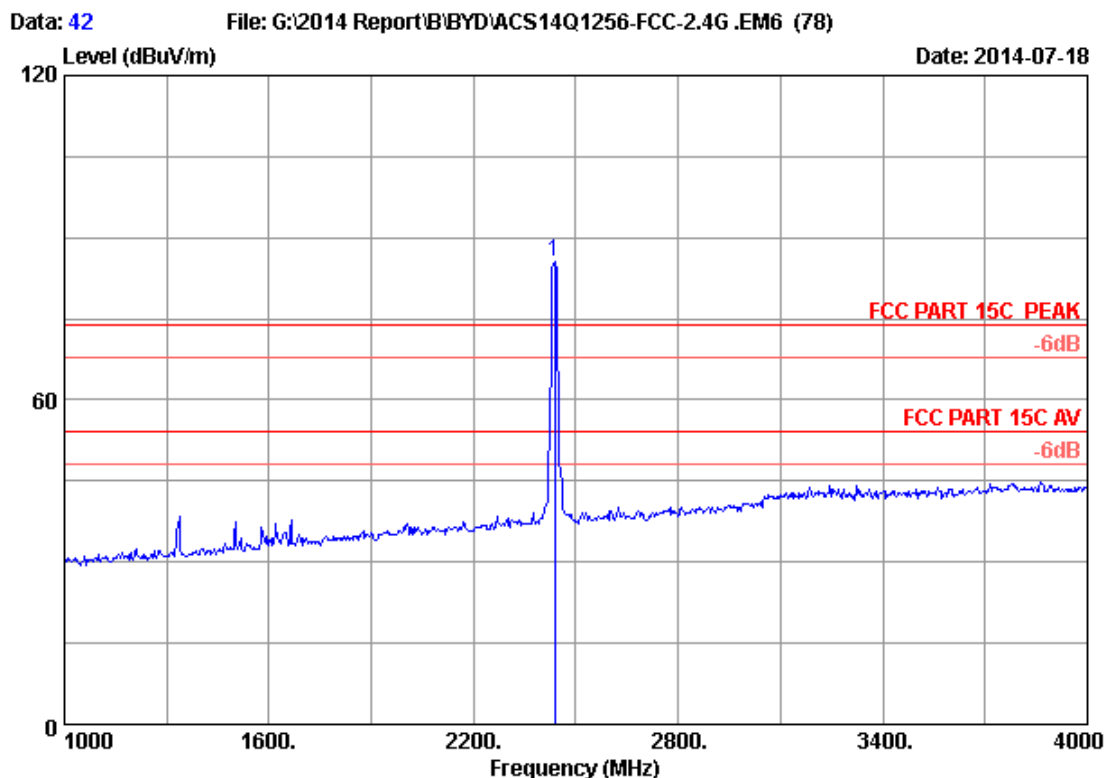
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 41  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2437MHz Tx  
 M/N : AT10-B

| No. | 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   | 2437.000       | 28.26                    | 5.85                  | 35.70                 | 101.67            | 100.08                        | 74.00              | -26.08         | Peak    |
| 2   | 2593.040       | 28.77                    | 6.08                  | 35.70                 | 55.26             | 54.41                         | 74.00              | 19.59          | Peak    |
| 3   | 2593.040       | 28.77                    | 6.08                  | 35.70                 | 43.26             | 42.41                         | 54.00              | 11.59          | Average |

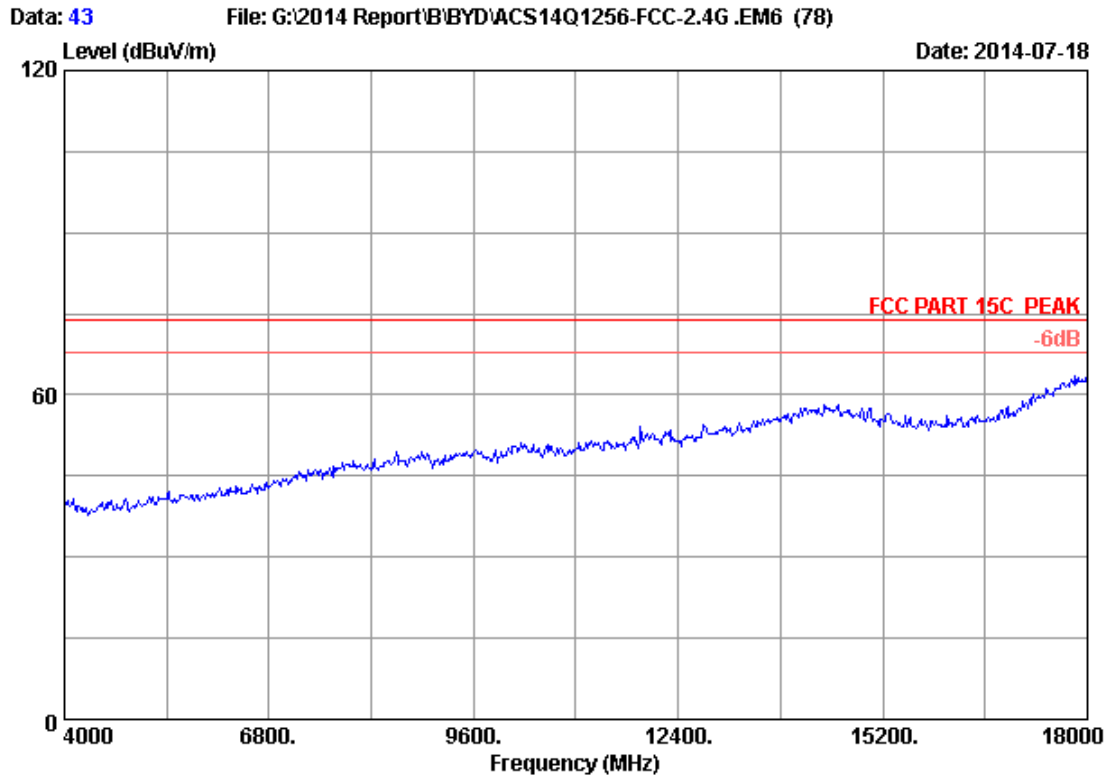
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



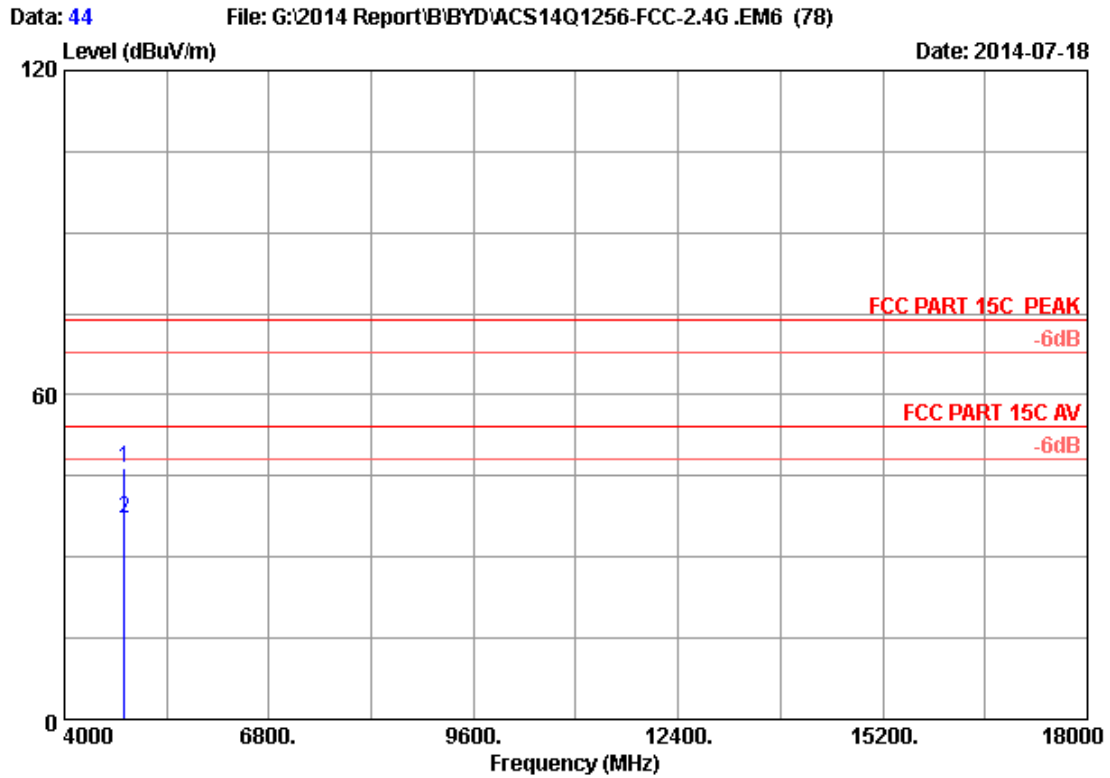
Site no. : 3m Chamber Data no. : 42  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2437MHz Tx  
 M/N : AT10-B

| No. | 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   | 2437.000       | 28.26                    | 5.85                  | 35.70                 | 87.29             | 85.70                         | 74.00              | -11.70         | Peak   |

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



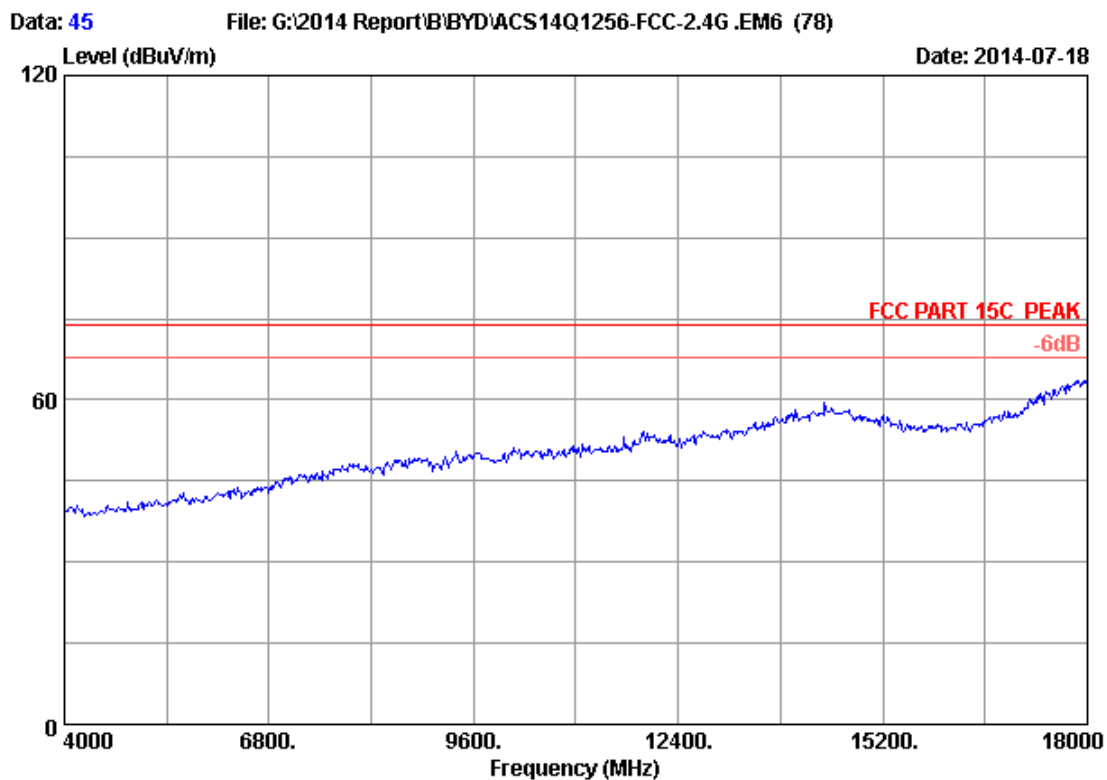
|              |                            |           |             |
|--------------|----------------------------|-----------|-------------|
| Site no.     | : 3m Chamber               | Data no.  | : 43        |
| Dis. / Ant.  | : 3m 2013 3115 (4580)      | Ant. pol. | : VERTICAL  |
| Limit        | : FCC PART 15C PEAK        |           |             |
| Env. / Ins.  | : 24°C/56%                 | Engineer  | : Leo-Li    |
| EUT          | : Tablet PC                |           |             |
| Power Rating | : DC 5V From Adapter Input | AC        | : 120V/60Hz |
| Test Mode    | : IEEE802.11g 2412MHz Tx   |           |             |
| M/N          | : AT10-B                   |           |             |



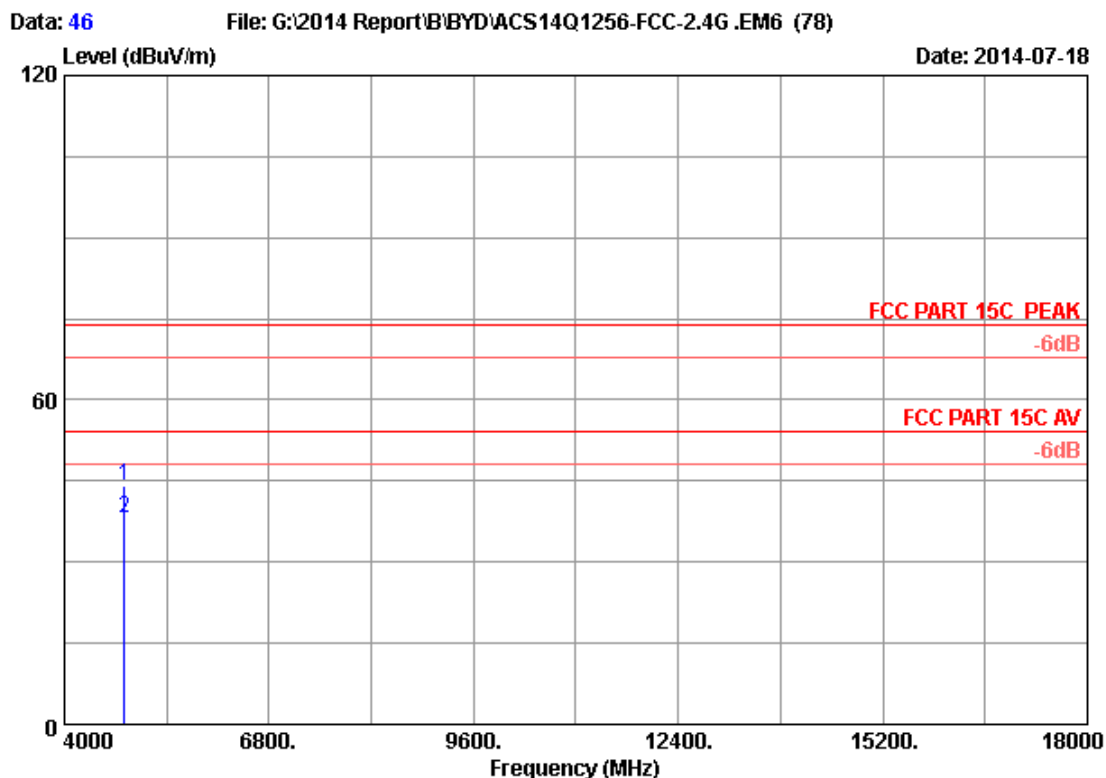
Site no. : 3m Chamber Data no. : 44  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : AT10-B

| No. | Freq.<br>(MHz) | Ant.             | Cable        | AMP            | Emission          |                   |                    |                |         |
|-----|----------------|------------------|--------------|----------------|-------------------|-------------------|--------------------|----------------|---------|
|     |                | Factor<br>(dB/m) | Loss<br>(dB) | factor<br>(dB) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark  |
| 1   | 4824.000       | 32.88            | 8.58         | 35.70          | 40.57             | 46.33             | 74.00              | 27.67          | Peak    |
| 2   | 4824.000       | 32.88            | 8.58         | 35.70          | 31.23             | 36.99             | 54.00              | 17.01          | Average |

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



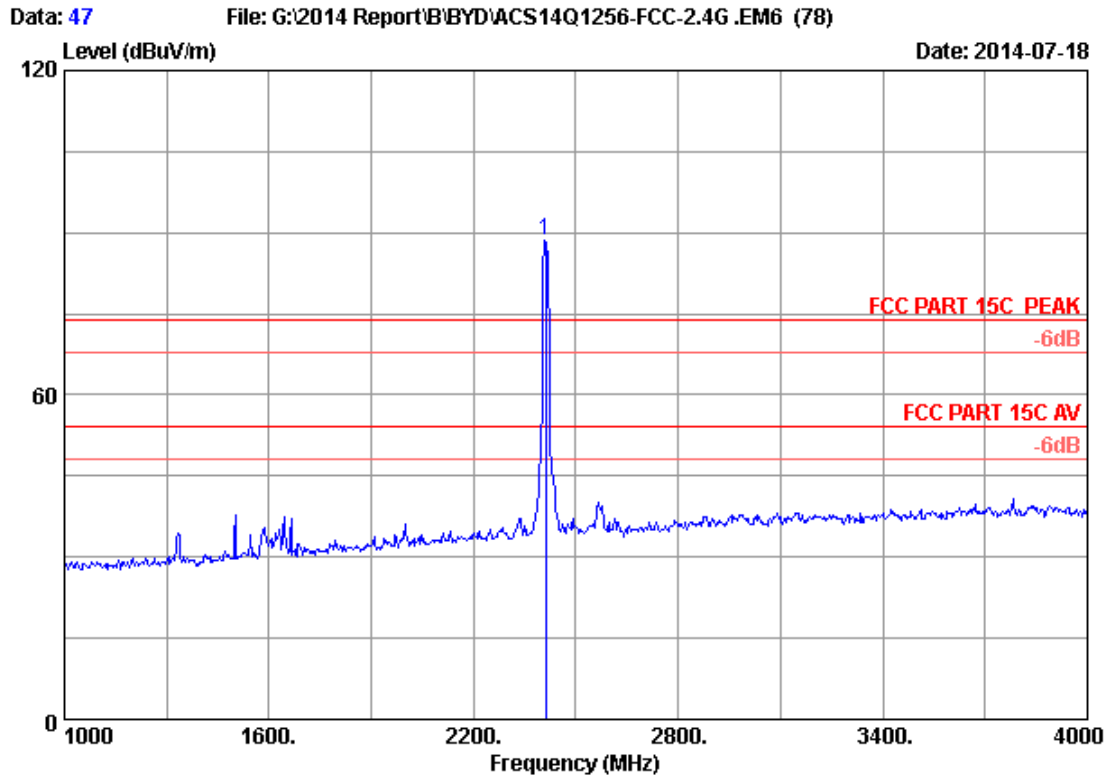
|              |                            |           |              |
|--------------|----------------------------|-----------|--------------|
| Site no.     | : 3m Chamber               | Data no.  | : 45         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)      | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK        |           |              |
| Env. / Ins.  | : 24°C/56%                 | Engineer  | : Leo-Li     |
| EUT          | : Tablet PC                |           |              |
| Power Rating | : DC 5V From Adapter Input | AC        | 120V/60Hz    |
| Test Mode    | : IEEE802.11g 2412MHz Tx   |           |              |
| M/N          | : AT10-B                   |           |              |



Site no. : 3m Chamber Data no. : 46  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 4824.000       | 32.88                    | 8.58                  | 35.70                 | 38.42             | 44.18                         | 74.00              | 29.82          | Peak    |
| 2   | 4824.000       | 32.88                    | 8.58                  | 35.70                 | 32.50             | 38.26                         | 54.00              | 15.74          | Average |

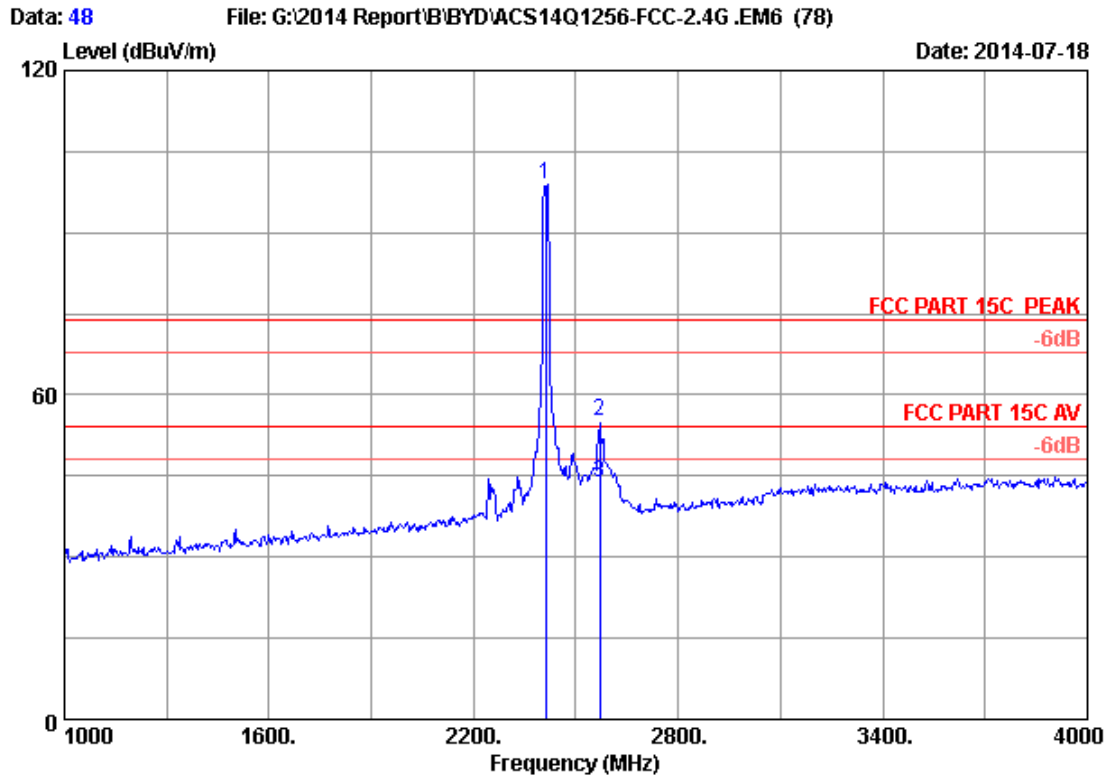
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 47  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2412.000       | 28.21                    | 5.81                  | 35.70                 | 90.29             | 88.61                         | 74.00              | -14.61         | Peak   |

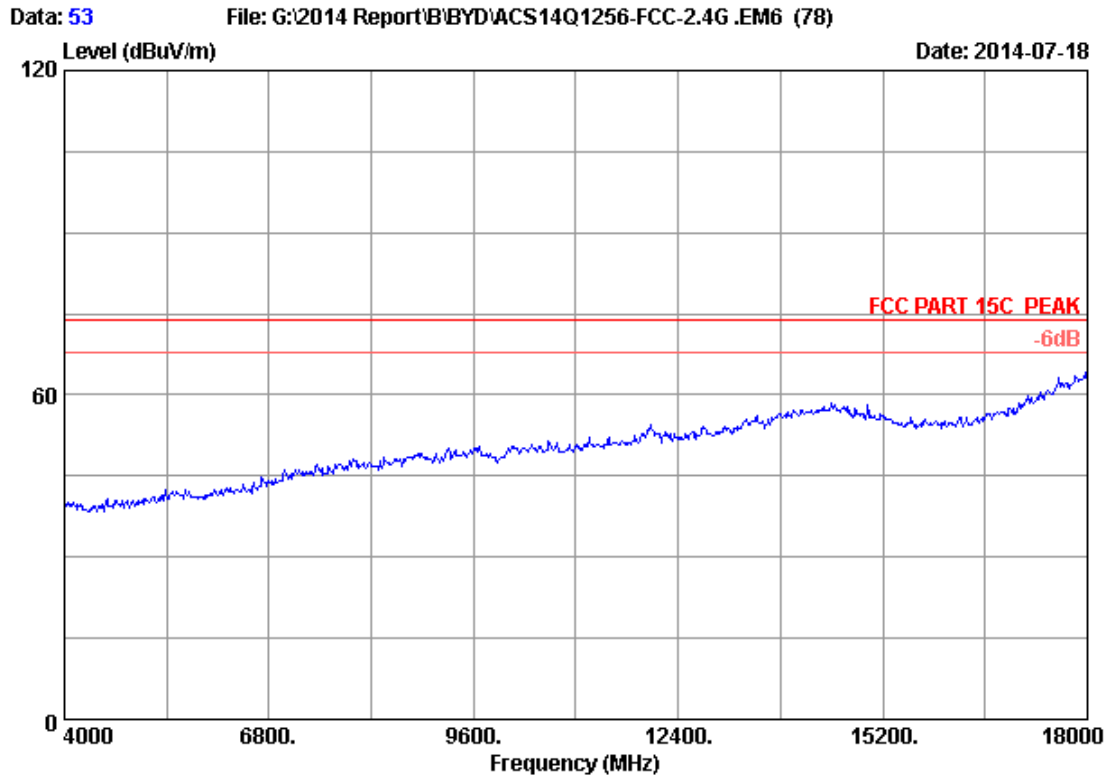
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



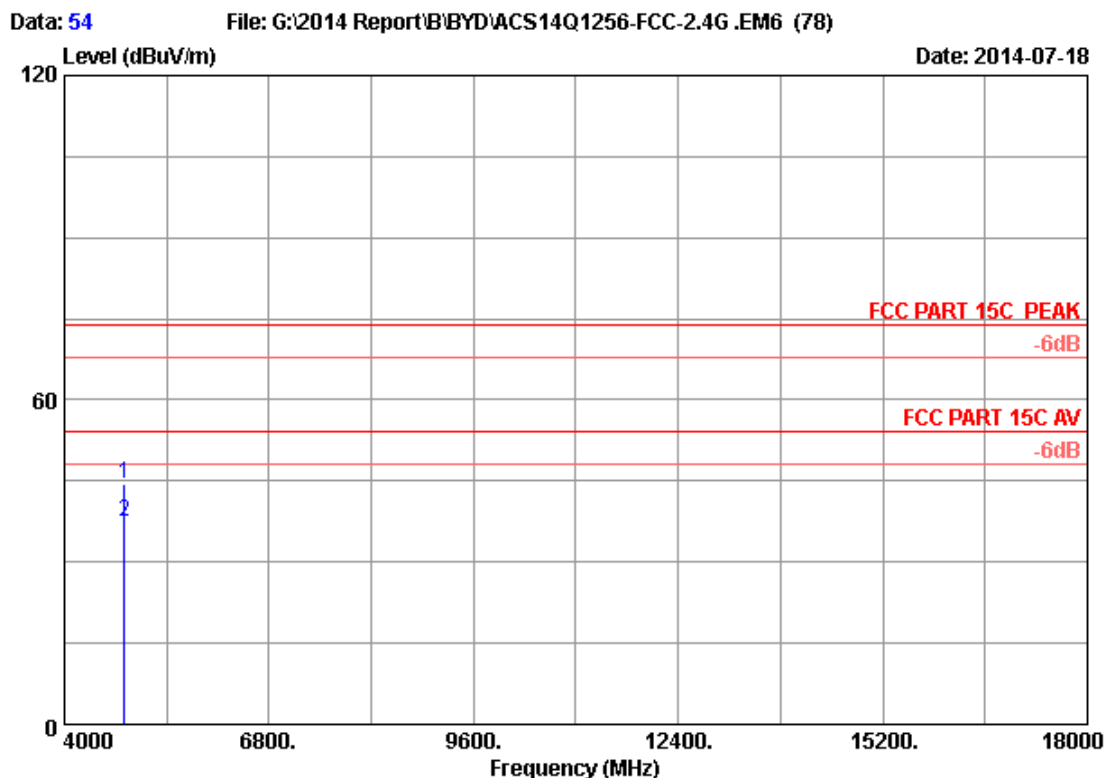
Site no. : 3m Chamber Data no. : 48  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2412.000       | 28.21                    | 5.81                  | 35.70                 | 100.47            | 98.79                         | 74.00              | -24.79         | Peak    |
| 2   | 2569.000       | 28.68                    | 6.04                  | 35.70                 | 56.12             | 55.14                         | 74.00              | 18.86          | Peak    |
| 3   | 2569.000       | 28.68                    | 6.04                  | 35.70                 | 44.82             | 43.84                         | 54.00              | 10.16          | Average |

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



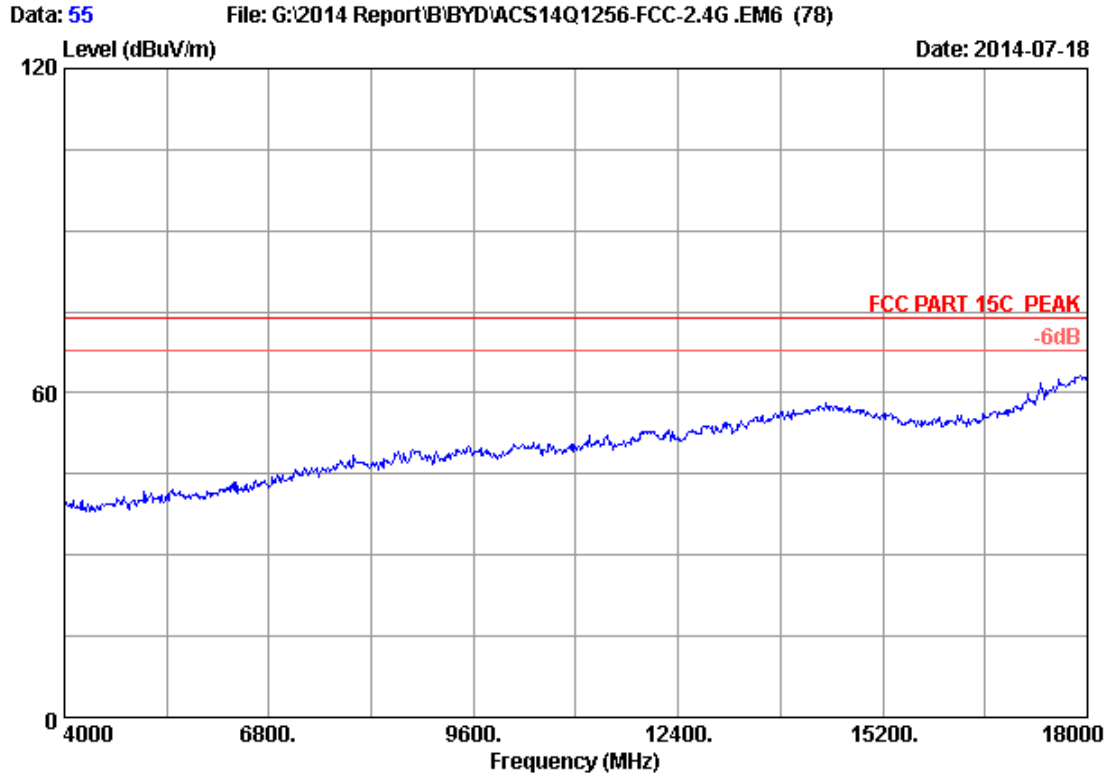
|              |                                         |           |              |
|--------------|-----------------------------------------|-----------|--------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 53         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK                     |           |              |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Leo-Li     |
| EUT          | : Tablet PC                             |           |              |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |              |
| Test Mode    | : IEEE802.11nHT20 2412MHz Tx            |           |              |
| M/N          | : AT10-B                                |           |              |



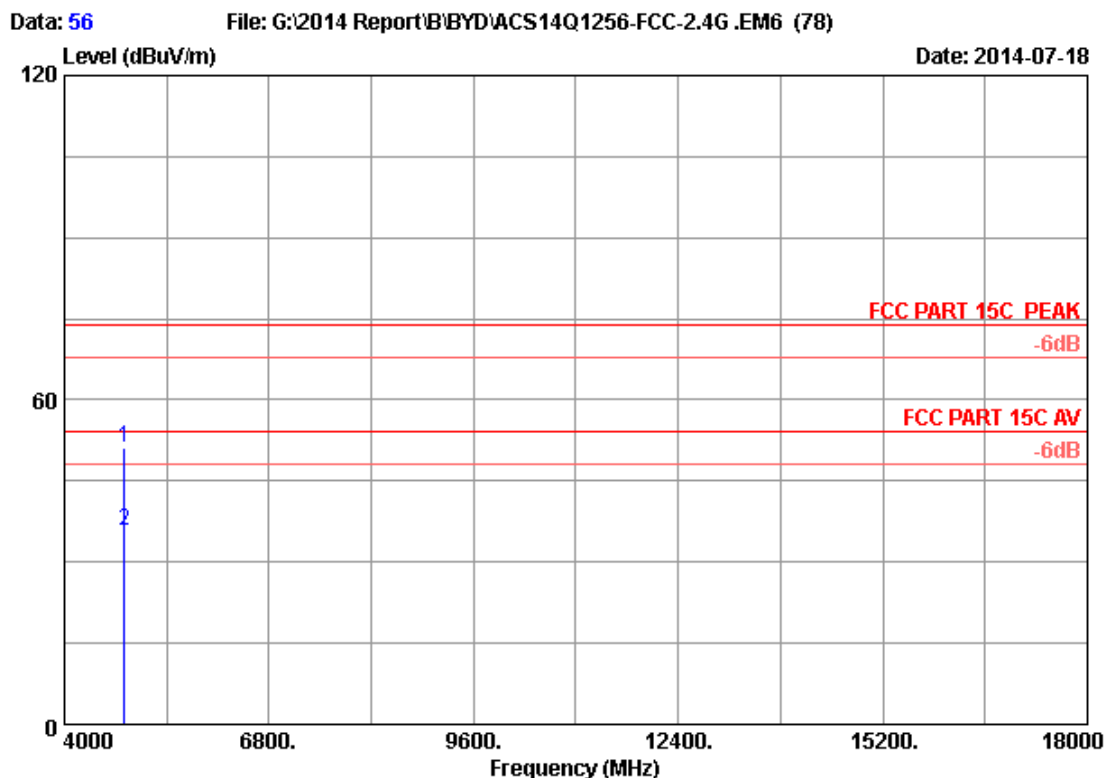
Site no. : 3m Chamber Data no. : 54  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2412MHz Tx  
 M/N : AT10-B

| No. | 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       | 32.88                    | 8.58                  | 35.70                 | 38.69             | 44.45             | 74.00              | 29.55          | Peak    |
| 2   | 4824.000       | 32.88                    | 8.58                  | 35.70                 | 31.54             | 37.30             | 54.00              | 16.70          | Average |

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



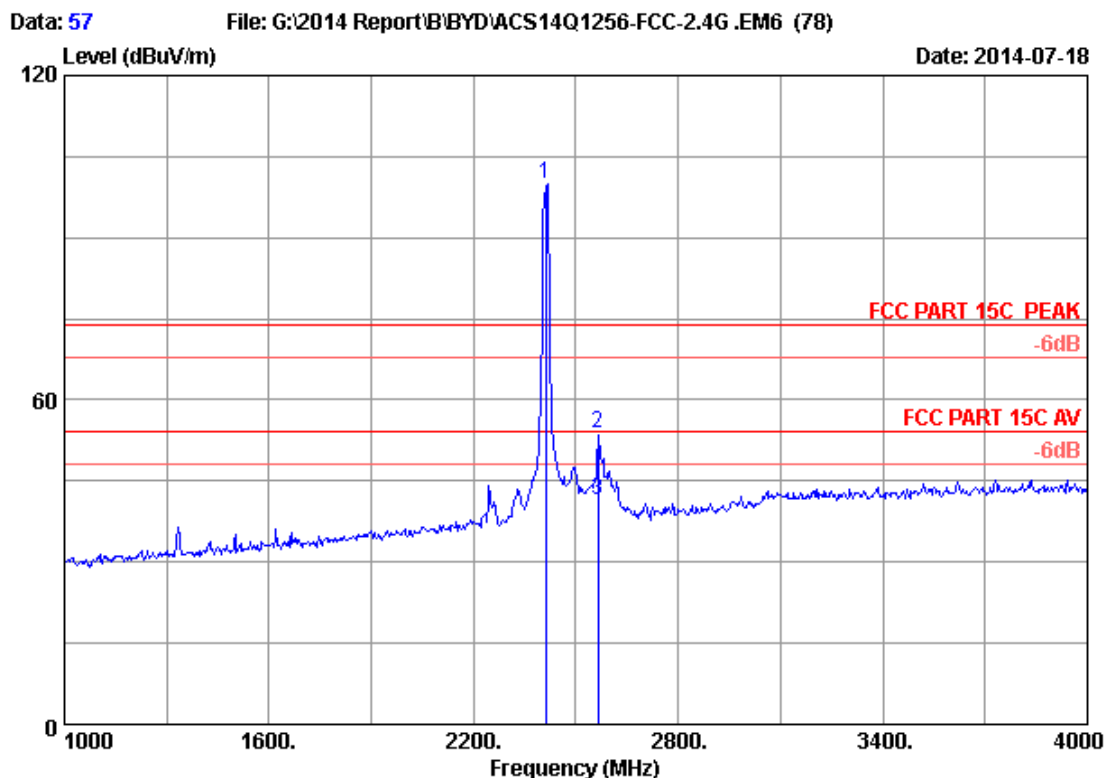
|              |                                         |           |            |
|--------------|-----------------------------------------|-----------|------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 55       |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : VERTICAL |
| Limit        | : FCC PART 15C PEAK                     |           |            |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Leo-Li   |
| EUT          | : Tablet PC                             |           |            |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |            |
| Test Mode    | : IEEE802.11nHT20 2412MHz Tx            |           |            |
| M/N          | : AT10-B                                |           |            |



Site no. : 3m Chamber Data no. : 56  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 4824.000       | 32.88                    | 8.58                  | 35.70                 | 45.52             | 51.28                         | 74.00              | 22.72          | Peak    |
| 2   | 4824.000       | 32.88                    | 8.58                  | 35.70                 | 30.12             | 35.88                         | 54.00              | 18.12          | Average |

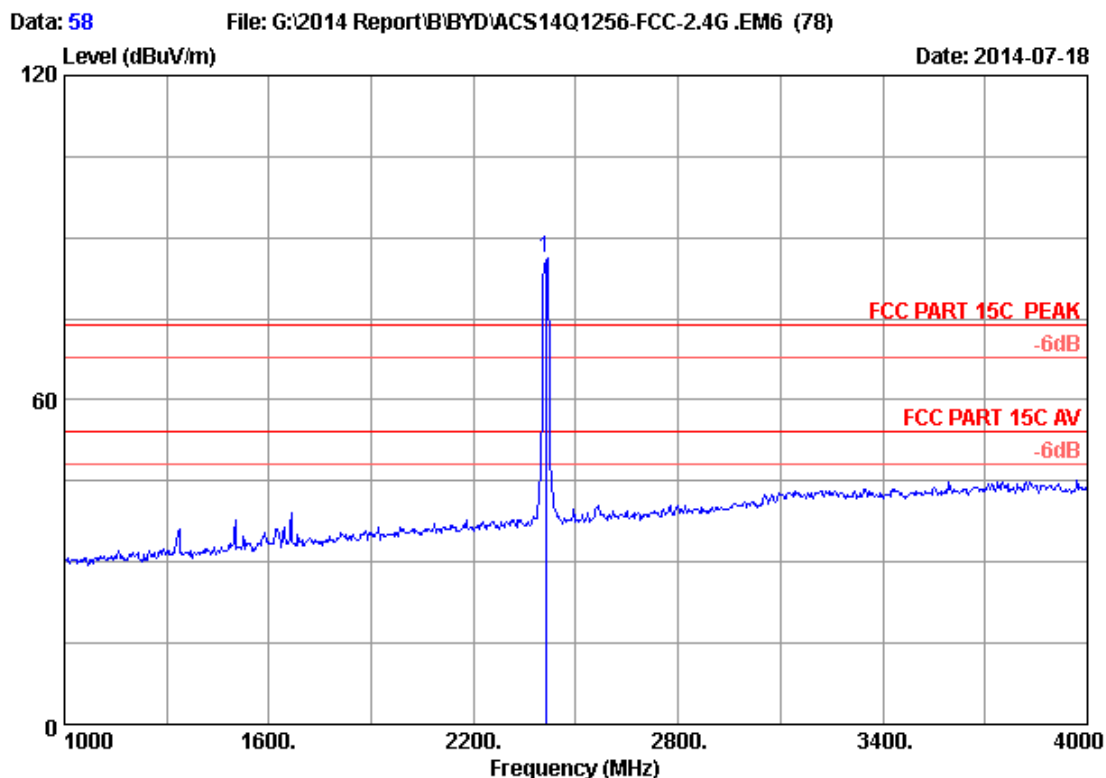
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 57  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2412.000       | 28.21                    | 5.81                  | 35.70                 | 101.67            | 99.99                         | 74.00              | -25.99         | Peak    |
| 2   | 2565.630       | 28.66                    | 6.04                  | 35.70                 | 54.82             | 53.82                         | 74.00              | 20.18          | Peak    |
| 3   | 2565.630       | 28.66                    | 6.04                  | 35.70                 | 42.51             | 41.51                         | 54.00              | 12.49          | Average |

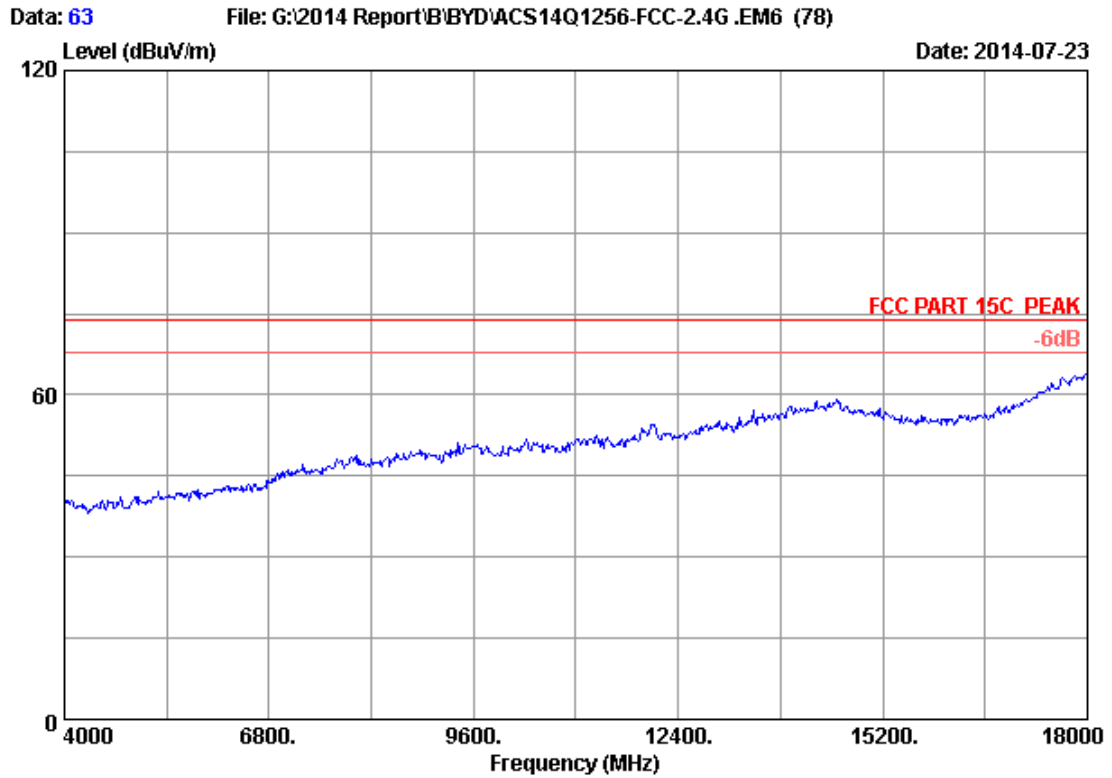
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



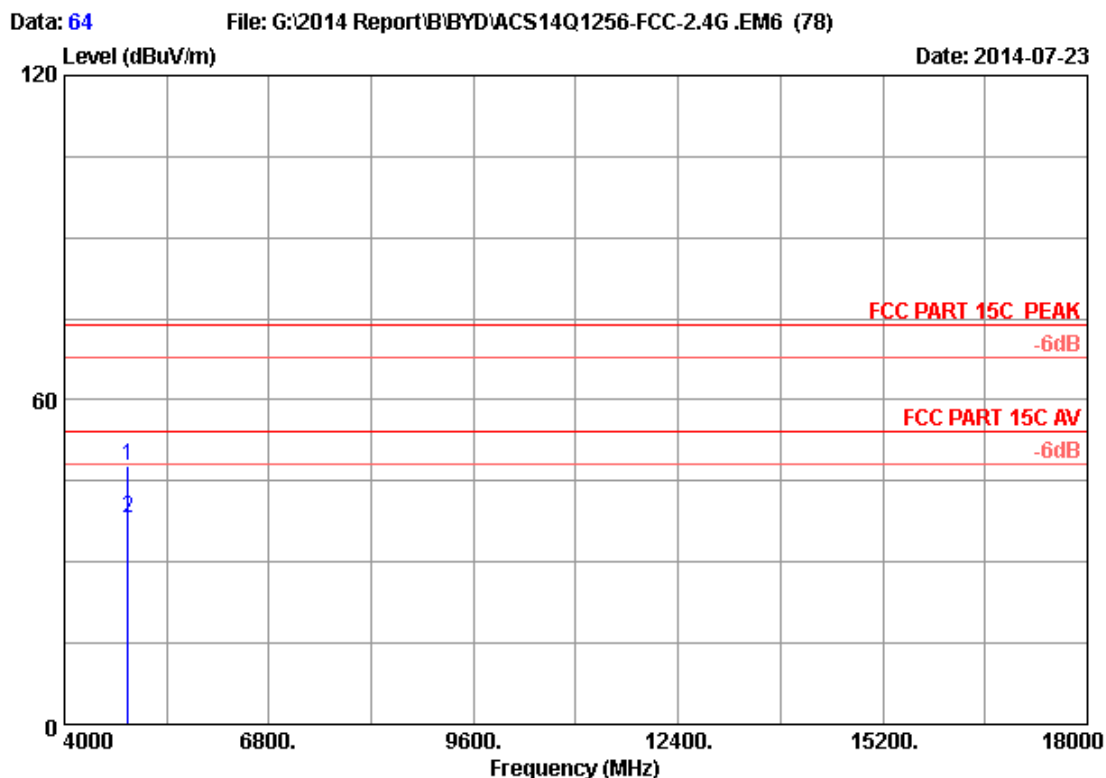
Site no. : 3m Chamber Data no. : 58  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2412.000       | 28.21                    | 5.81                  | 35.70                 | 87.87             | 86.19                         | 74.00              | -12.19         | Peak   |

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



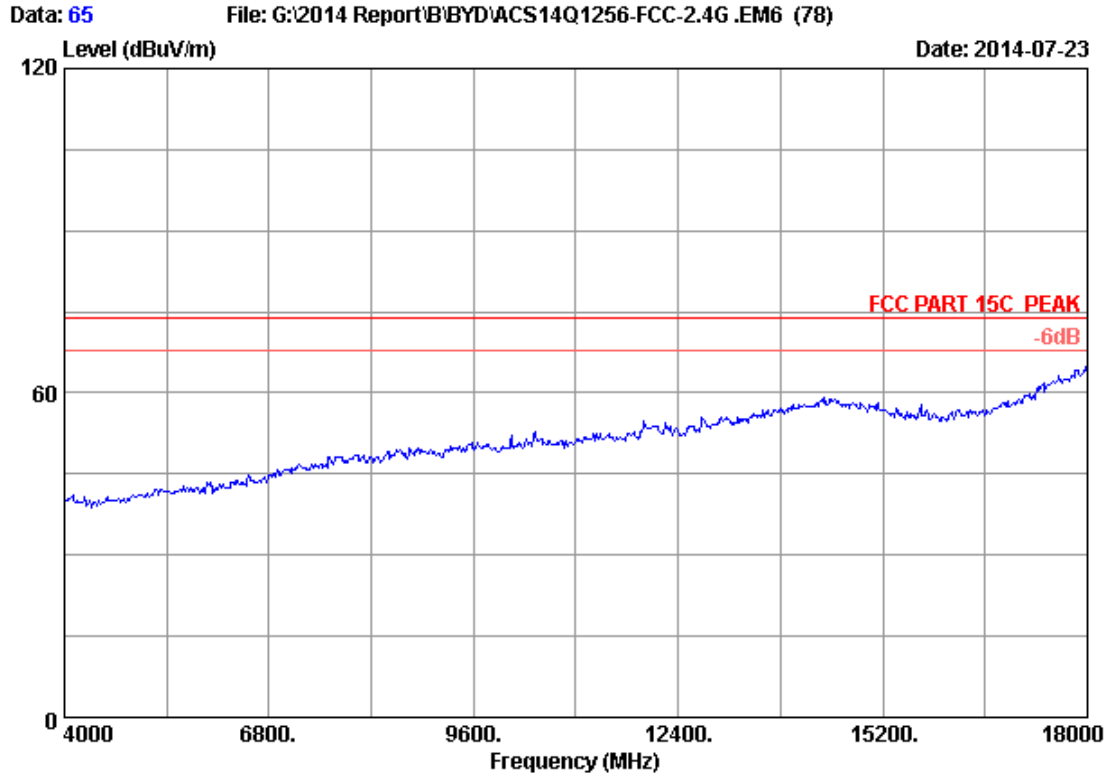
|              |                                         |           |              |
|--------------|-----------------------------------------|-----------|--------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 63         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK                     |           |              |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Leo-Li     |
| EUT          | : Tablet PC                             |           |              |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |              |
| Test Mode    | : IEEE802.11nHT20 2437MHz Tx            |           |              |
| M/N          | : AT10-B                                |           |              |



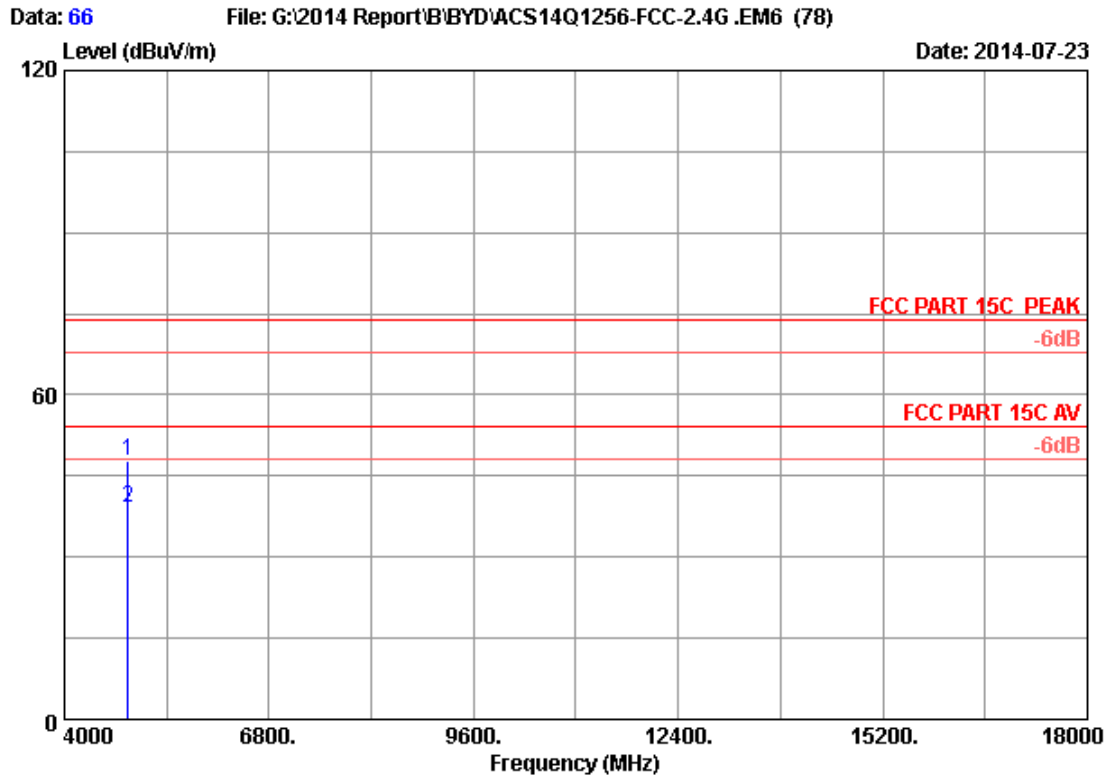
Site no. : 3m Chamber Data no. : 64  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2437MHz Tx  
 M/N : AT10-B

| No. | 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   | 4874.000       | 32.97                    | 8.63                  | 35.70                 | 42.02             | 47.92             | 74.00              | 26.08          | Peak    |
| 2   | 4874.000       | 32.97                    | 8.63                  | 35.70                 | 32.20             | 38.10             | 54.00              | 15.90          | Average |

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



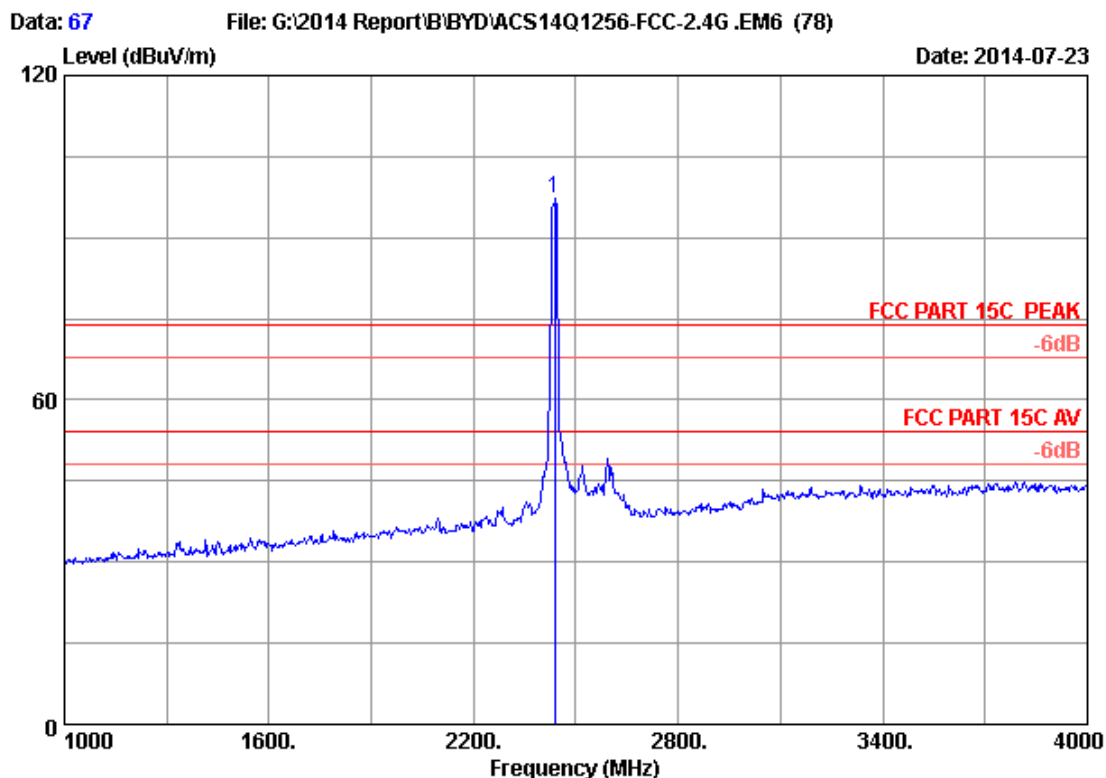
|              |                                         |           |            |
|--------------|-----------------------------------------|-----------|------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 65       |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : VERTICAL |
| Limit        | : FCC PART 15C PEAK                     |           |            |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Leo-Li   |
| EUT          | : Tablet PC                             |           |            |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |            |
| Test Mode    | : IEEE802.11nHT20 2437MHz Tx            |           |            |
| M/N          | : AT10-B                                |           |            |



Site no. : 3m Chamber Data no. : 66  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2437MHz Tx  
 M/N : AT10-B

| No. | 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   | 4874.000       | 32.97                    | 8.63                  | 35.70                 | 41.99             | 47.89             | 74.00              | 26.11          | Peak    |
| 2   | 4874.000       | 32.97                    | 8.63                  | 35.70                 | 33.27             | 39.17             | 54.00              | 14.83          | Average |

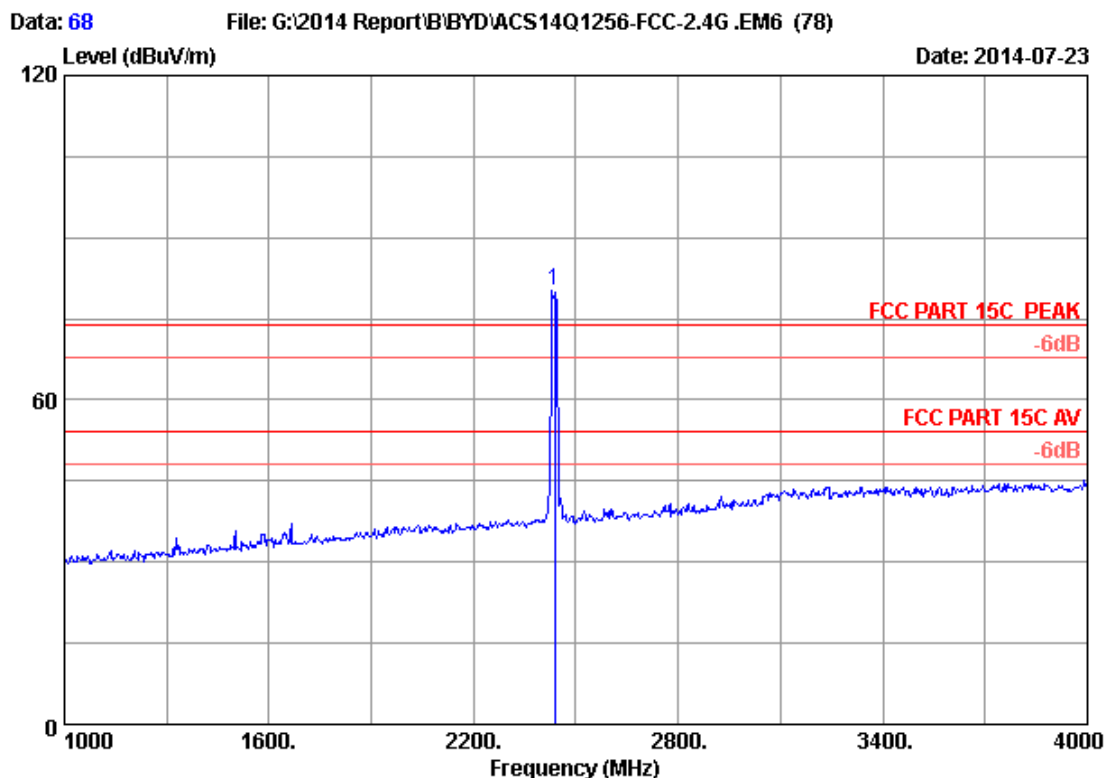
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 67  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2437MHz Tx  
 M/N : AT10-B

| No. | 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   | 2437.000       | 28.26                    | 5.85                  | 35.70                 | 98.87             | 97.28                         | 74.00              | -23.28         | Peak   |

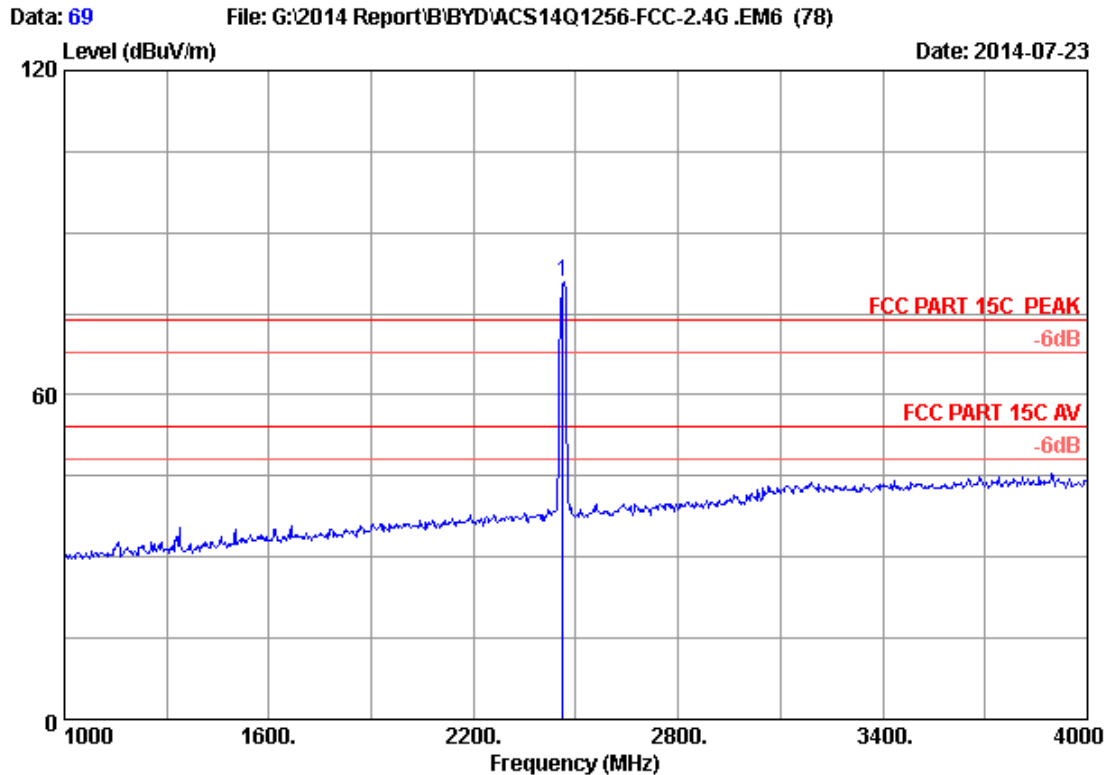
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 68  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2437MHz Tx  
 M/N : AT10-B

| No. | 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       | 28.26                    | 5.85                  | 35.70                 | 81.81             | 80.22             | 74.00              | -6.22          | Peak   |

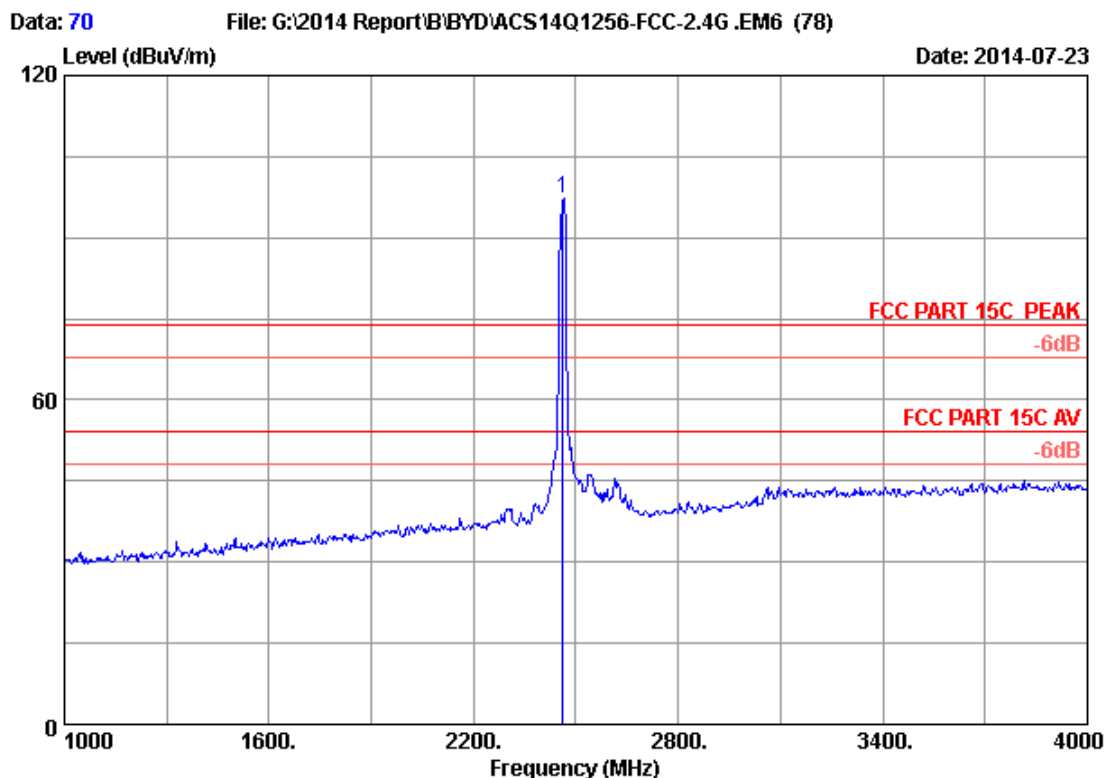
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 69  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2462MHz Tx  
 M/N : AT10-B

| No. | 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       | 28.32                    | 5.89                  | 35.70                 | 82.41             | 80.92             | 74.00              | -6.92          | Peak   |

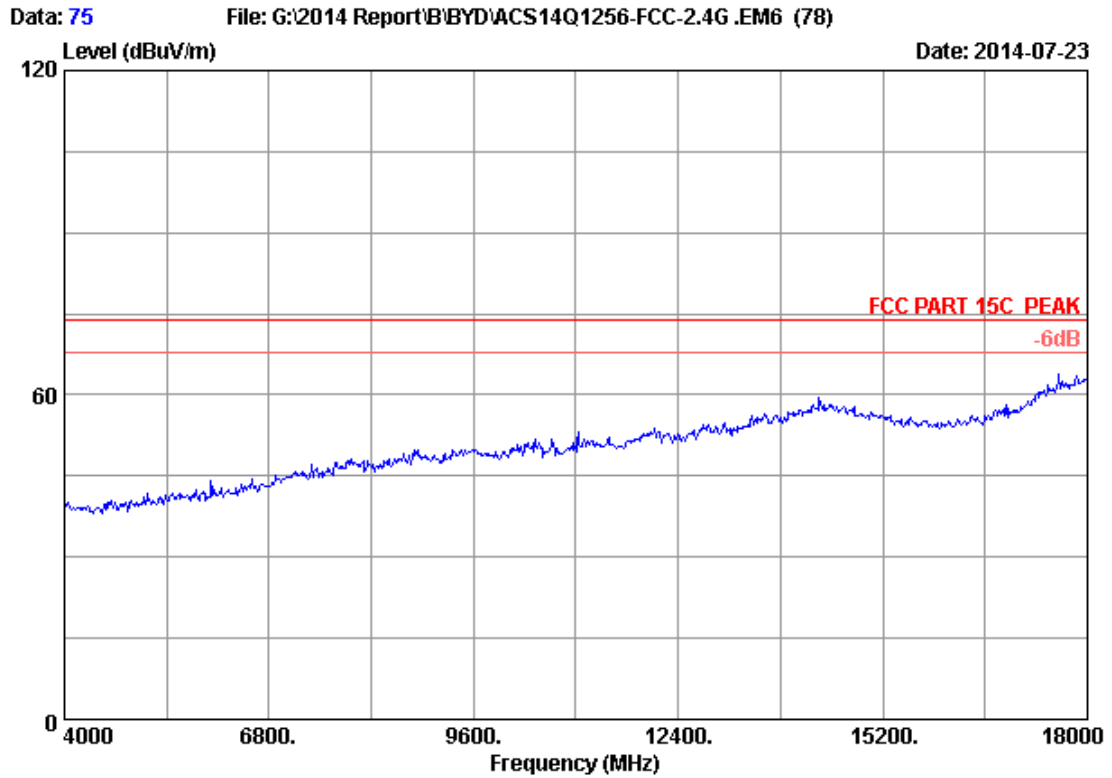
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



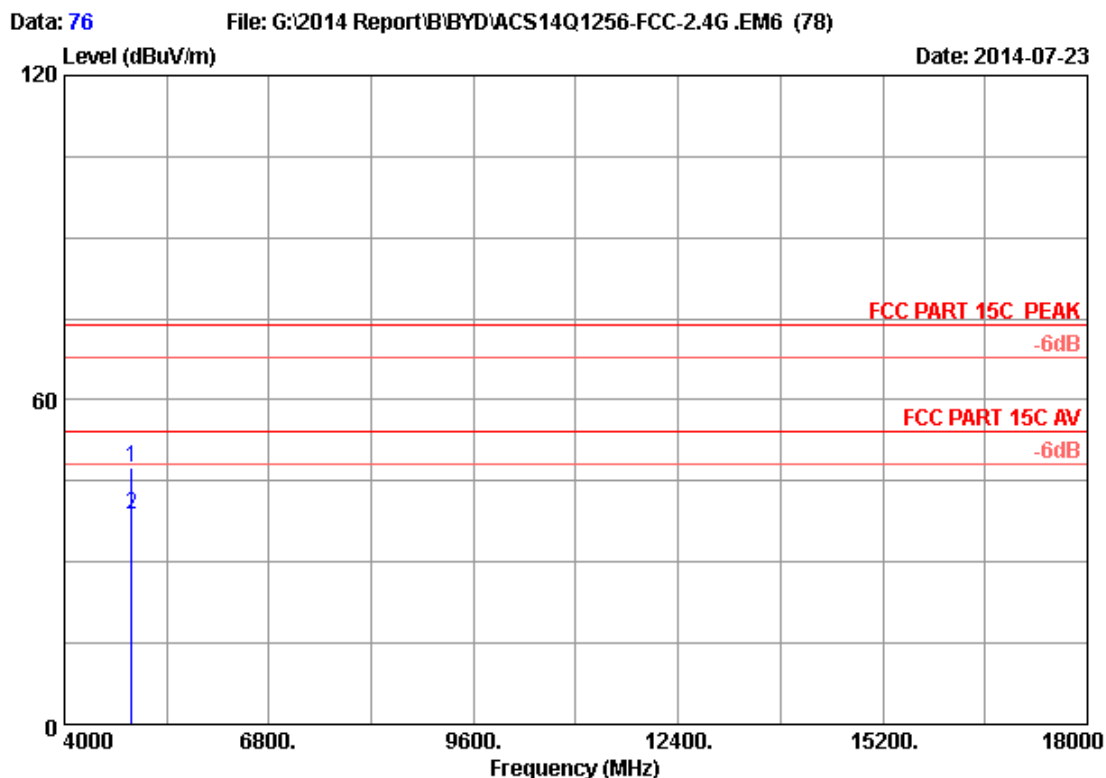
Site no. : 3m Chamber Data no. : 70  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2462MHz Tx  
 M/N : AT10-B

| No. | 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       | 28.32                    | 5.89                  | 35.70                 | 98.67             | 97.18             | 74.00              | -23.18         | Peak   |

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



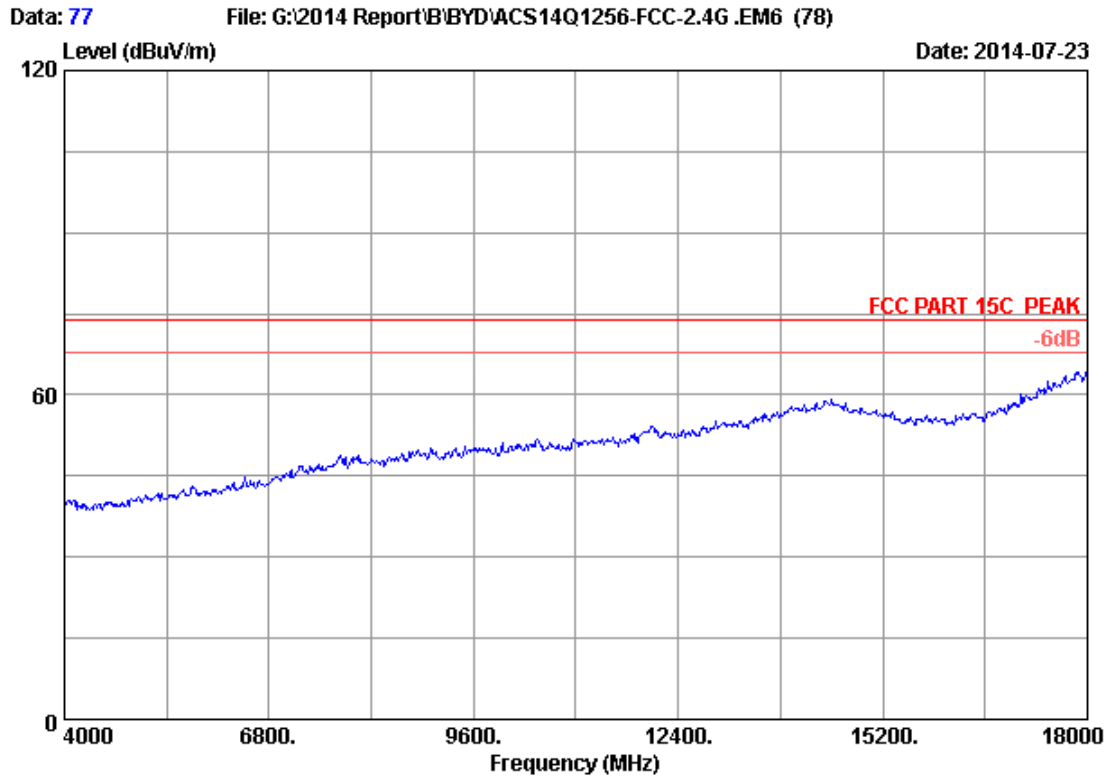
|              |                                         |           |            |
|--------------|-----------------------------------------|-----------|------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 75       |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : VERTICAL |
| Limit        | : FCC PART 15C PEAK                     |           |            |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Leo-Li   |
| EUT          | : Tablet PC                             |           |            |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |            |
| Test Mode    | : IEEE802.11nHT20 2462MHz Tx            |           |            |
| M/N          | : AT10-B                                |           |            |



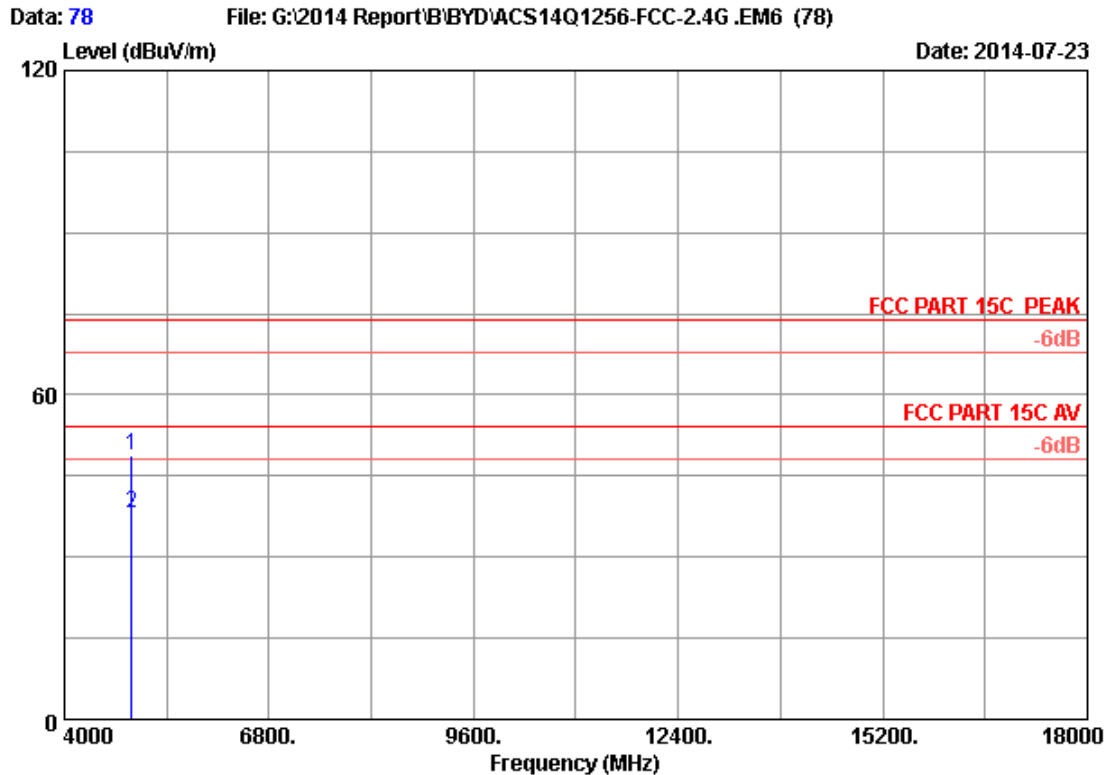
Site no. : 3m Chamber Data no. : 76  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 4924.000       | 33.06                    | 8.69                  | 35.70                 | 41.29             | 47.34                         | 74.00              | 26.66          | Peak    |
| 2   | 4924.000       | 33.06                    | 8.69                  | 35.70                 | 32.76             | 38.81                         | 54.00              | 15.19          | Average |

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



|              |                                         |           |              |
|--------------|-----------------------------------------|-----------|--------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 77         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK                     |           |              |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Leo-Li     |
| EUT          | : Tablet PC                             |           |              |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |              |
| Test Mode    | : IEEE802.11nHT20 2462MHz Tx            |           |              |
| M/N          | : AT10-B                                |           |              |

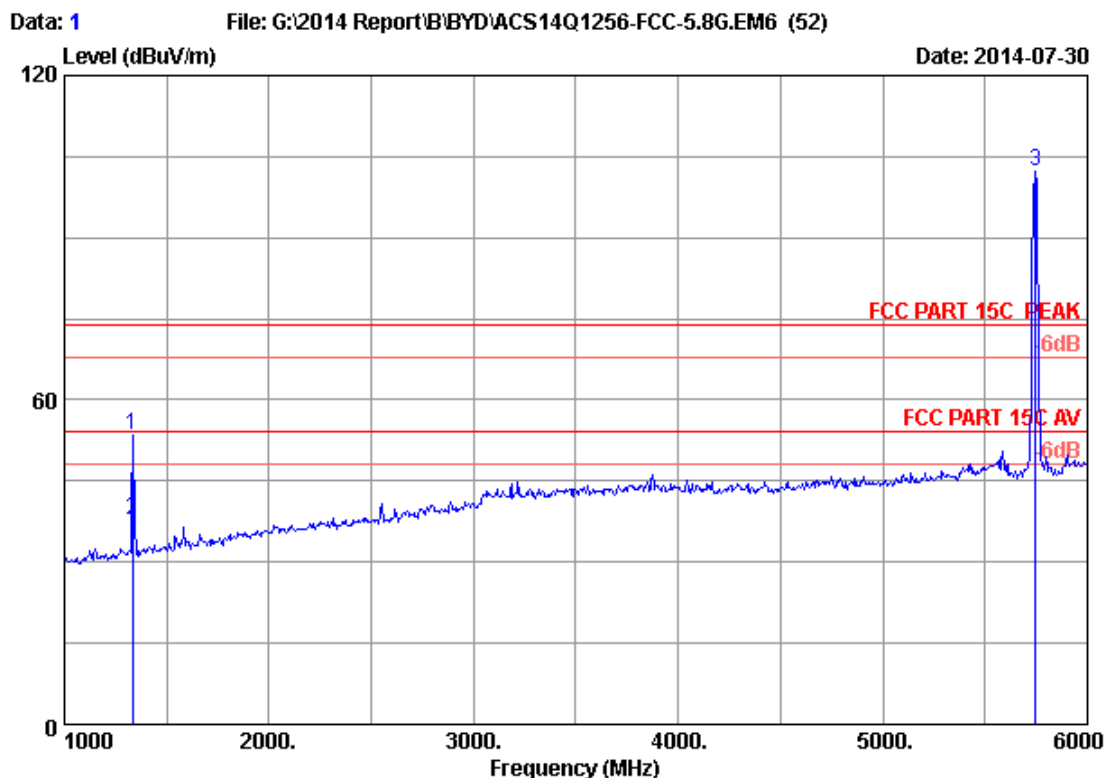


Site no. : 3m Chamber Data no. : 78  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 4924.000       | 33.06                    | 8.69                  | 35.70                 | 42.85             | 48.90             | 74.00              | 25.10          | Peak    |
| 2   | 4924.000       | 33.06                    | 8.69                  | 35.70                 | 32.16             | 38.21             | 54.00              | 15.79          | Average |

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

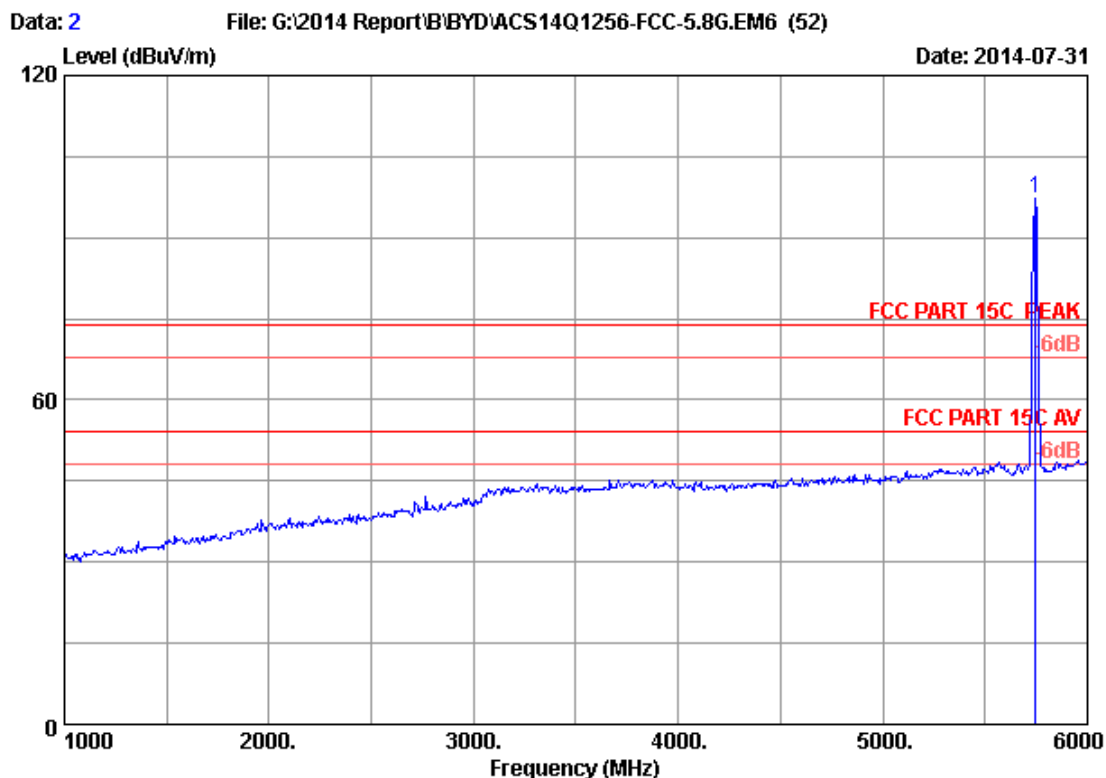
**UNII Band 4:**  
**Frequency: 1GHz~18GHz**



Site no. : 3m Chamber Data no. : 1  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 1334.560       | 24.60                    | 4.25                  | 36.43                 | 61.00             | 53.42                         | 74.00              | 20.58          | Peak    |
| 2   | 1334.560       | 24.60                    | 4.25                  | 36.43                 | 45.19             | 37.61                         | 54.00              | 16.39          | Average |
| 3   | 5745.000       | 34.10                    | 9.55                  | 35.70                 | 94.21             | 102.16                        | 74.00              | -28.16         | Peak    |

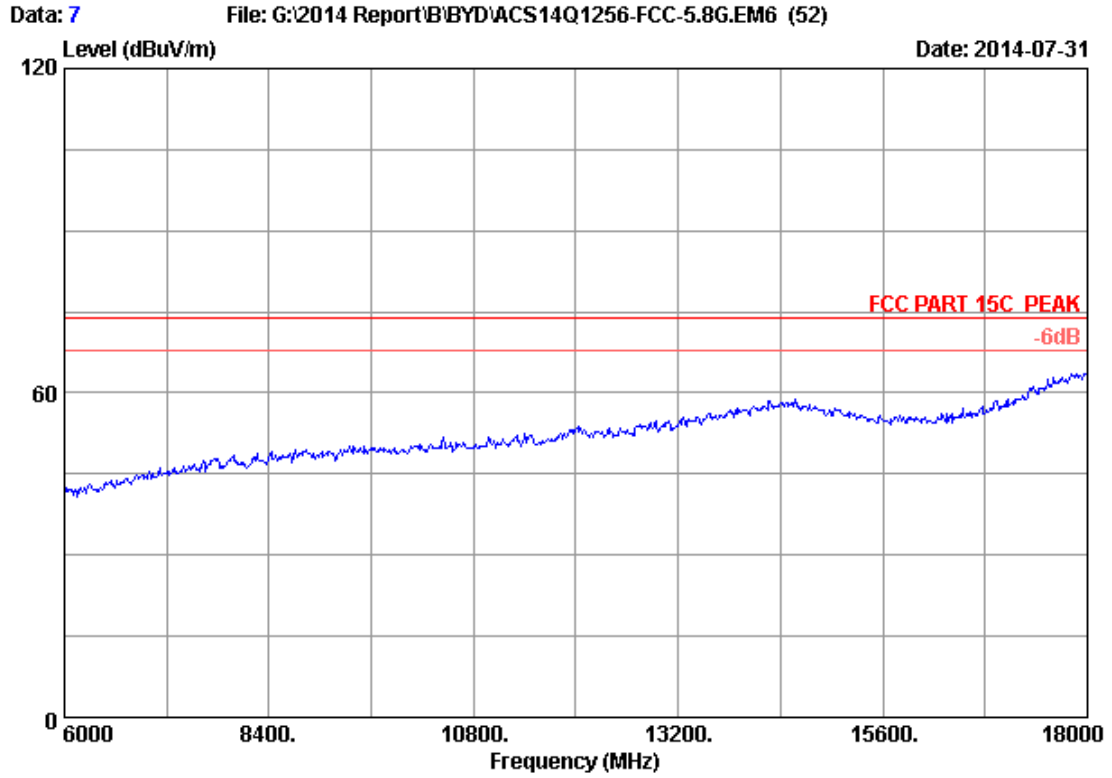
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



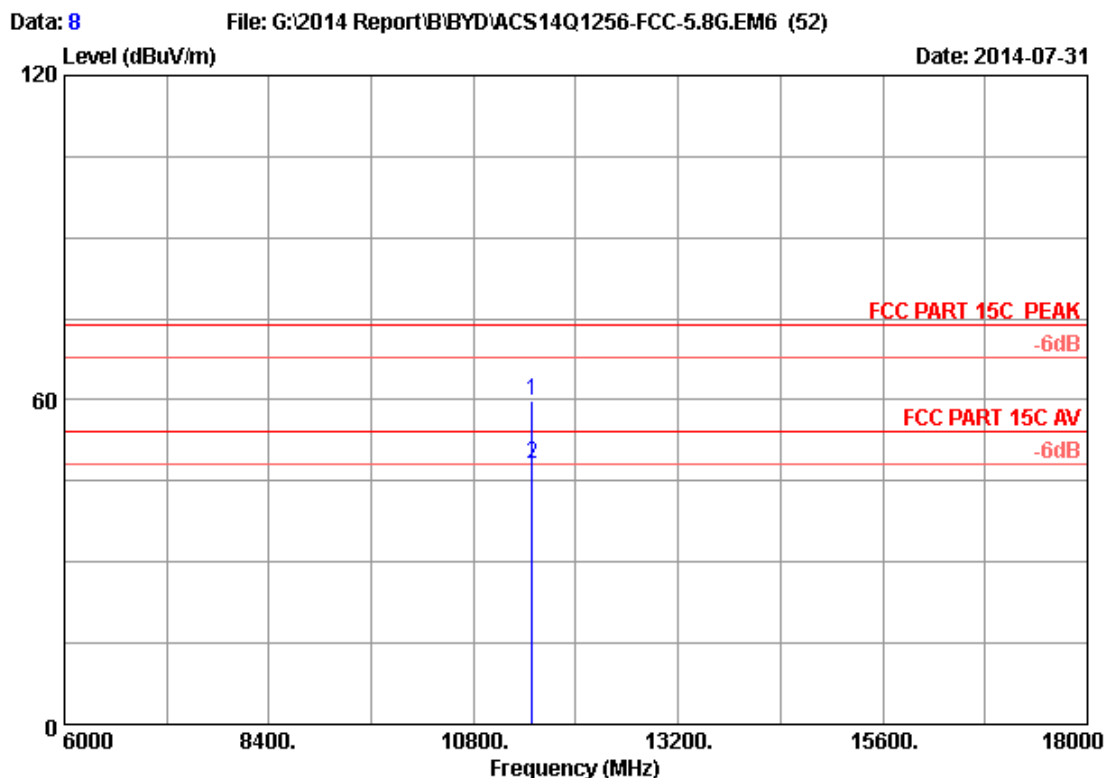
Site no. : 3m Chamber Data no. : 2  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 5745.000       | 34.10                    | 9.55                  | 35.70                 | 89.16             | 97.11             | 74.00              | -23.11         | Peak   |

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



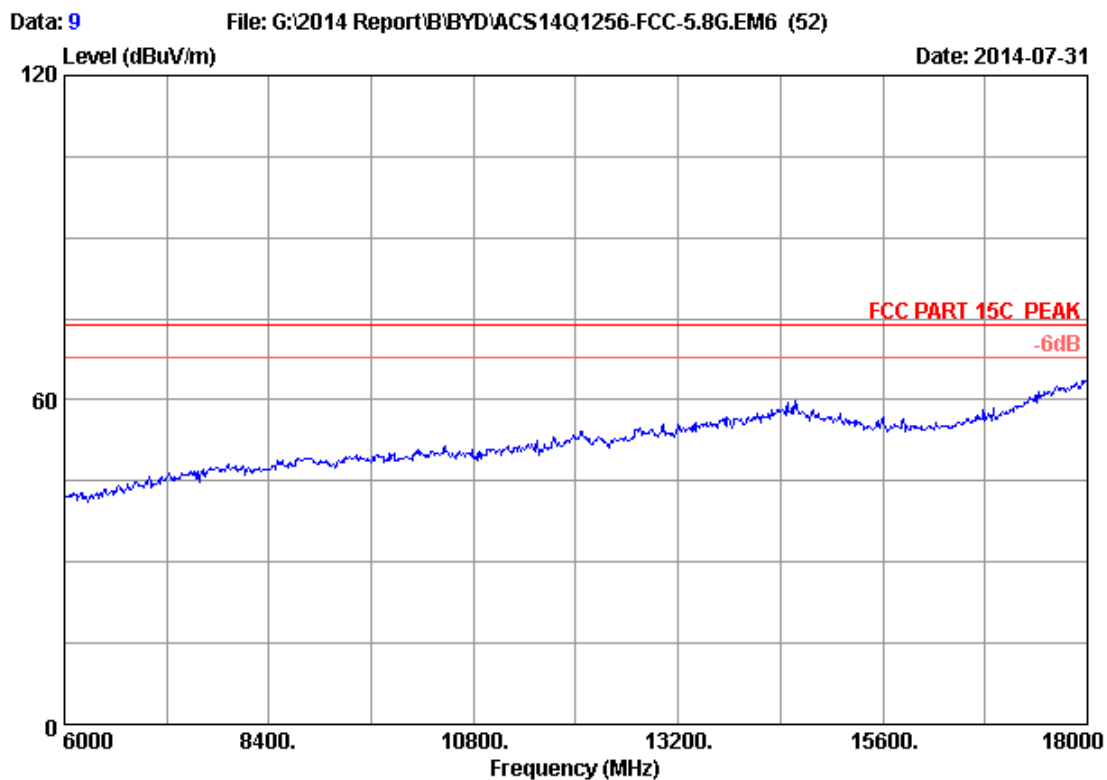
|              |                                         |           |              |
|--------------|-----------------------------------------|-----------|--------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 7          |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK                     |           |              |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Kevin_HMJ  |
| EUT          | : Tablet PC                             |           |              |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |              |
| Test Mode    | : IEEE802.11a CH149 5745MHz Tx          |           |              |
| M/N          | : AT10-B                                |           |              |



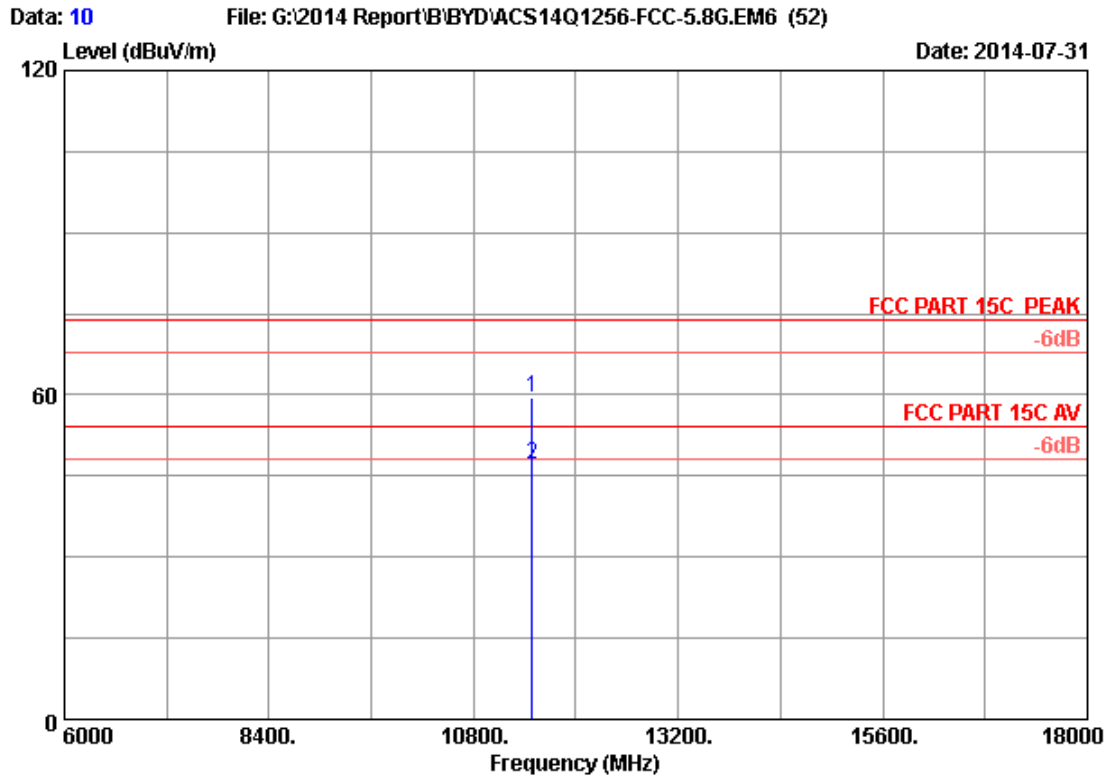
Site no. : 3m Chamber Data no. : 8  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 11490.000      | 38.69                    | 13.28                 | 35.28                 | 43.19             | 59.88                         | 74.00              | 14.12          | Peak    |
| 2   | 11490.000      | 38.69                    | 13.28                 | 35.28                 | 31.48             | 48.17                         | 54.00              | 5.83           | Average |

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



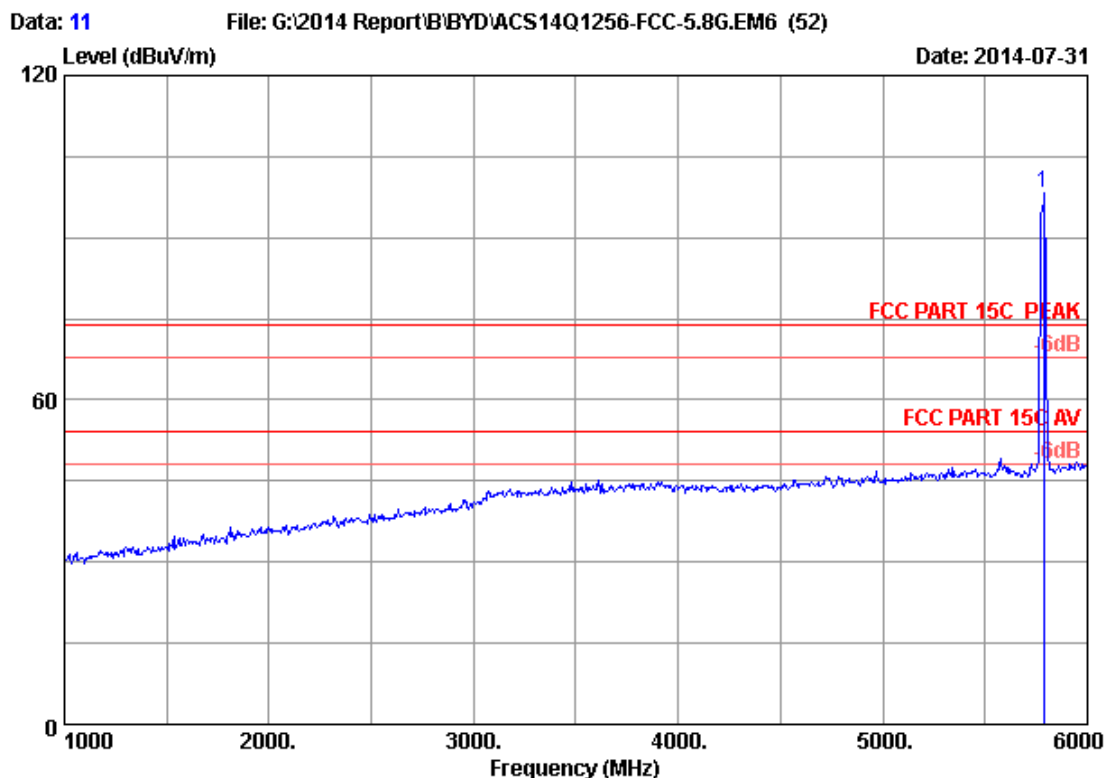
|              |                                         |           |             |
|--------------|-----------------------------------------|-----------|-------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 9         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : VERTICAL  |
| Limit        | : FCC PART 15C PEAK                     |           |             |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Kevin_HMJ |
| EUT          | : Tablet PC                             |           |             |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |             |
| Test Mode    | : IEEE802.11a CH149 5745MHz Tx          |           |             |
| M/N          | : AT10-B                                |           |             |



Site no. : 3m Chamber Data no. : 10  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 11490.000      | 38.69                    | 13.28                 | 35.28                 | 42.65             | 59.34                         | 74.00              | 14.66          | Peak    |
| 2   | 11490.000      | 38.69                    | 13.28                 | 35.28                 | 30.61             | 47.30                         | 54.00              | 6.70           | Average |

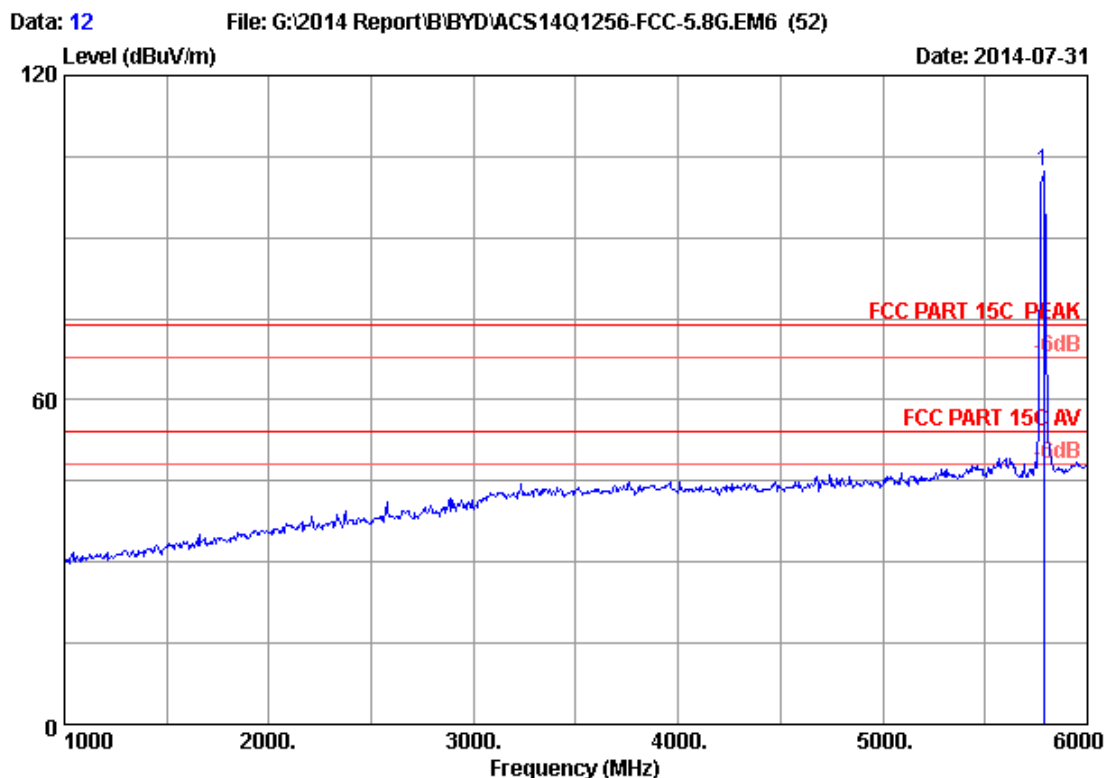
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 11  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH157 5785MHz Tx  
 M/N : AT10-B

| No. | 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   | 5785.000       | 34.11                    | 9.59                  | 35.70                 | 90.28             | 98.28                         | 74.00              | -24.28         | Peak   |

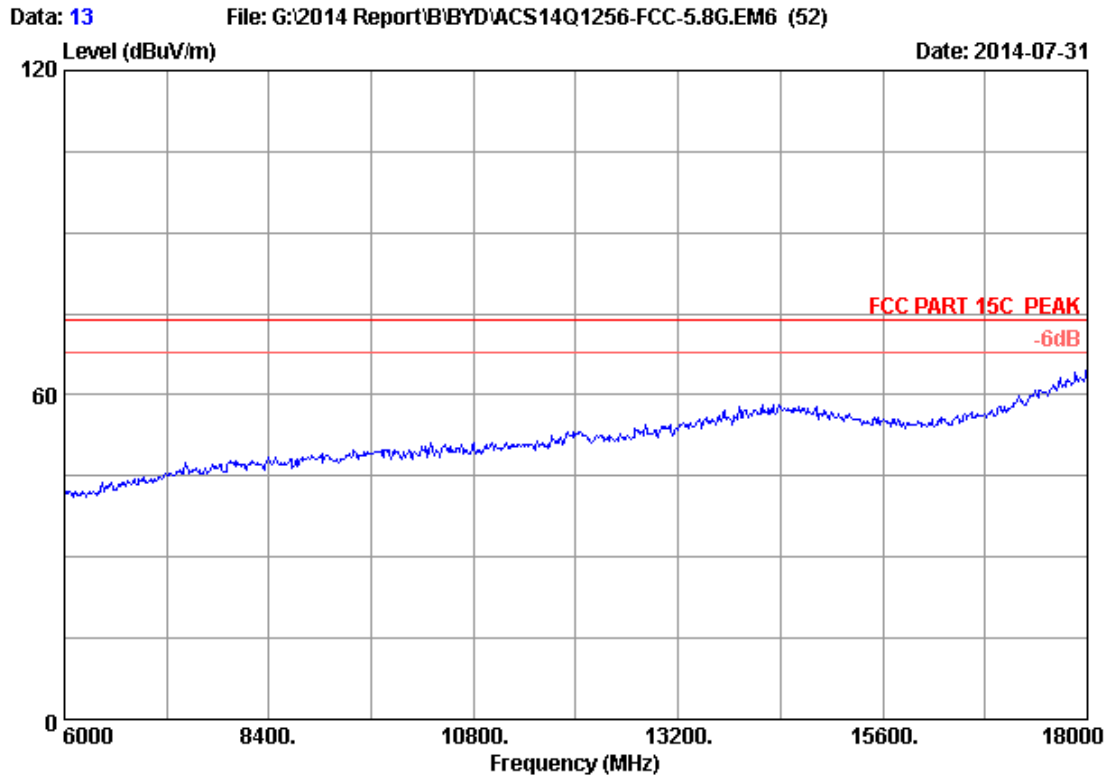
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



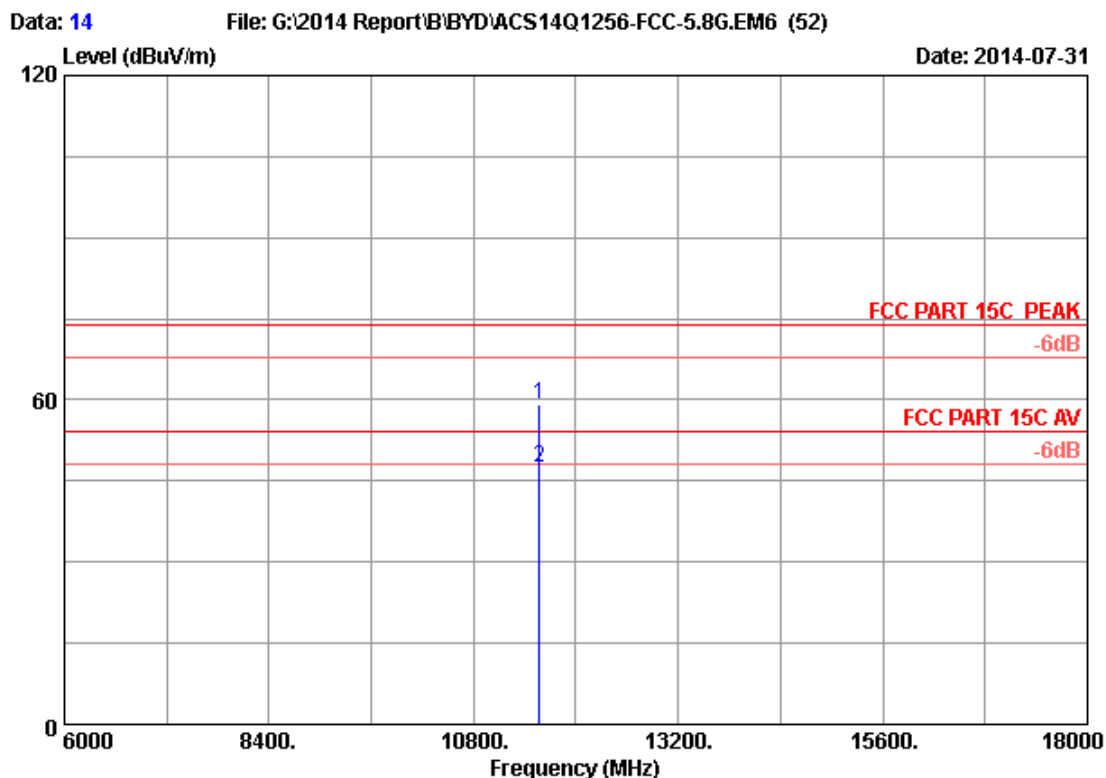
Site no. : 3m Chamber Data no. : 12  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH157 5785MHz Tx  
 M/N : AT10-B

| No. | Freq.<br>(MHz) | Ant.<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | AMP<br>factor<br>(dB) | Emission          |                   |                    |                |        |
|-----|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
|     |                |                          |                       |                       | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limits<br>(dBuV/m) | Margin<br>(dB) | Remark |
| 1   | 5785.000       | 34.11                    | 9.59                  | 35.70                 | 94.19             | 102.19            | 74.00              | -28.19         | Peak   |

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



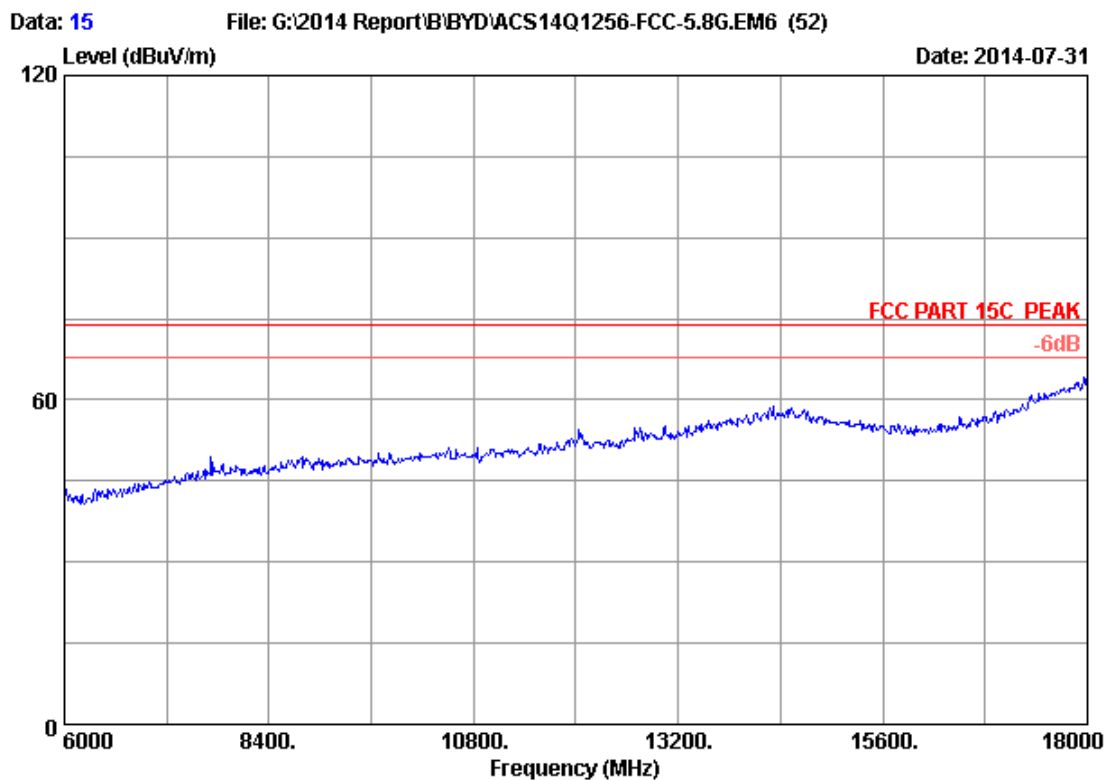
|              |                                         |           |             |
|--------------|-----------------------------------------|-----------|-------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 13        |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : VERTICAL  |
| Limit        | : FCC PART 15C PEAK                     |           |             |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Kevin_HMJ |
| EUT          | : Tablet PC                             |           |             |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |             |
| Test Mode    | : IEEE802.11a CH157 5785MHz Tx          |           |             |
| M/N          | : AT10-B                                |           |             |



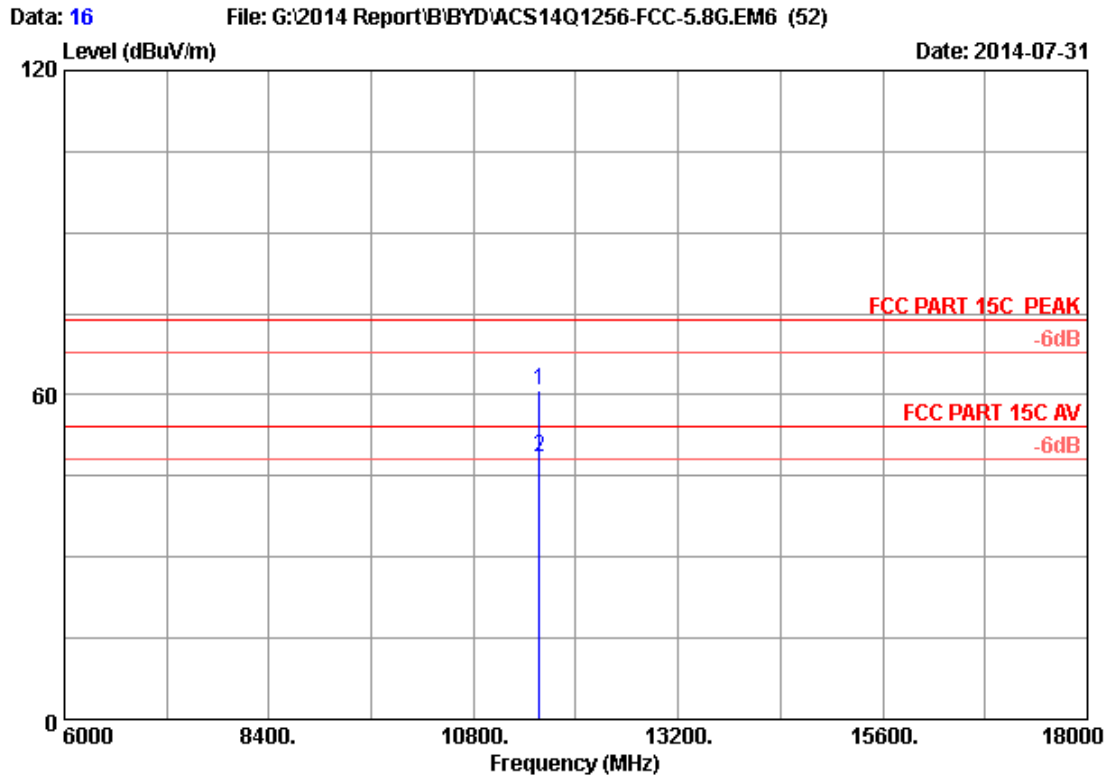
Site no. : 3m Chamber Data no. : 14  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH157 5785MHz Tx  
 M/N : AT10-B

| No. | 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   | 11570.000      | 38.80                    | 13.32                 | 35.26                 | 42.28             | 59.14                         | 74.00              | 14.86          | Peak    |
| 2   | 11570.000      | 38.80                    | 13.32                 | 35.26                 | 30.52             | 47.38                         | 54.00              | 6.62           | Average |

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



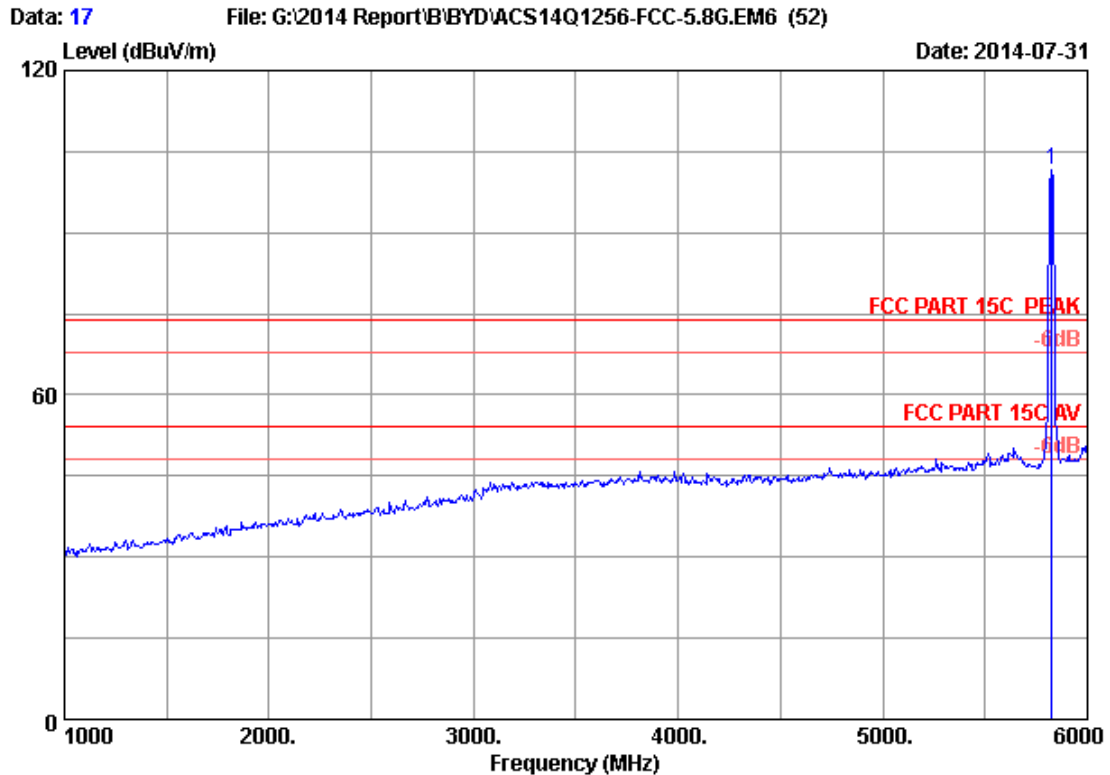
|              |                                         |           |              |
|--------------|-----------------------------------------|-----------|--------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 15         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK                     |           |              |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Kevin_HMJ  |
| EUT          | : Tablet PC                             |           |              |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |              |
| Test Mode    | : IEEE802.11a CH157 5785MHz Tx          |           |              |
| M/N          | : AT10-B                                |           |              |



Site no. : 3m Chamber Data no. : 16  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH157 5785MHz Tx  
 M/N : AT10-B

| No. | 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   | 11570.000      | 38.80                    | 13.32                 | 35.26                 | 43.85             | 60.71                         | 74.00              | 13.29          | Peak    |
| 2   | 11570.000      | 38.80                    | 13.32                 | 35.26                 | 31.48             | 48.34                         | 54.00              | 5.66           | Average |

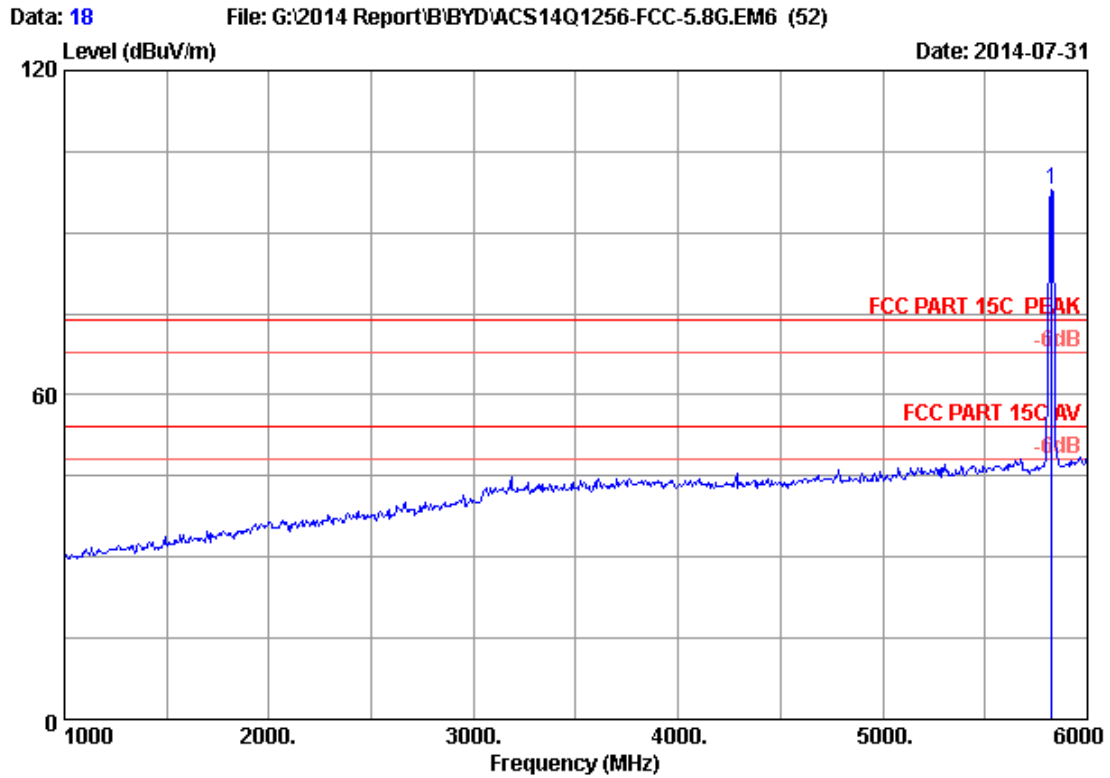
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 17  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 5825.000       | 34.13                    | 9.63                  | 35.70                 | 93.40             | 101.46                        | 74.00              | -27.46         | Peak   |

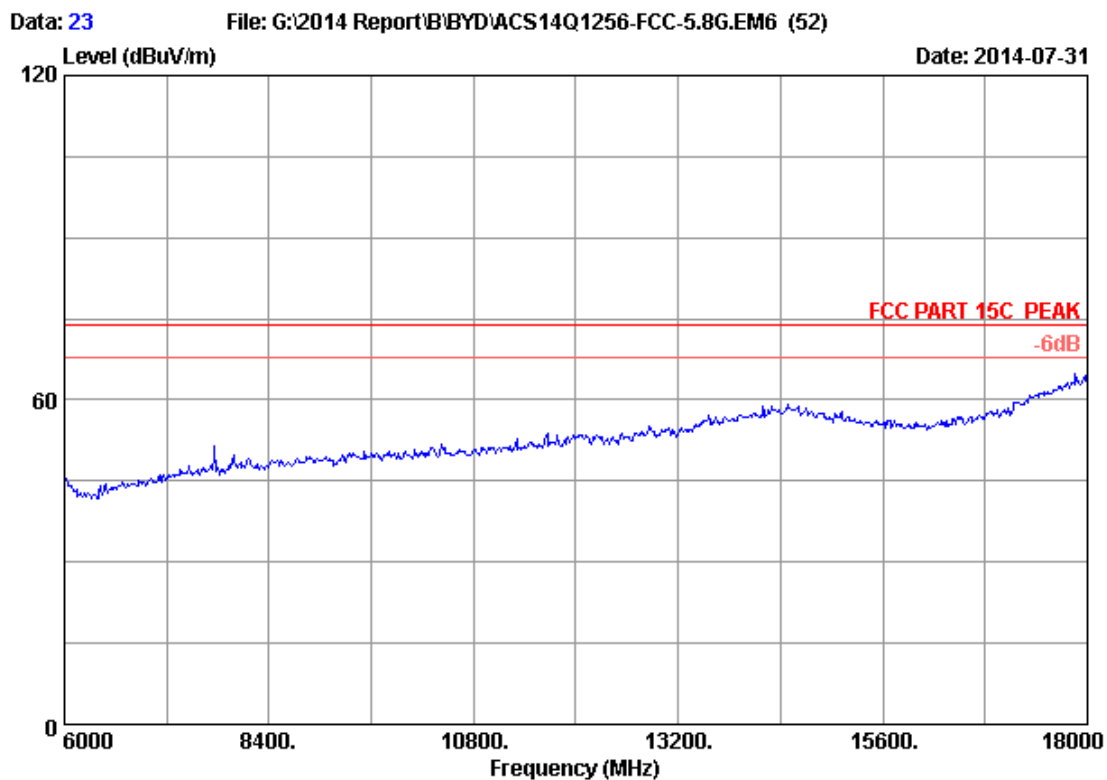
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



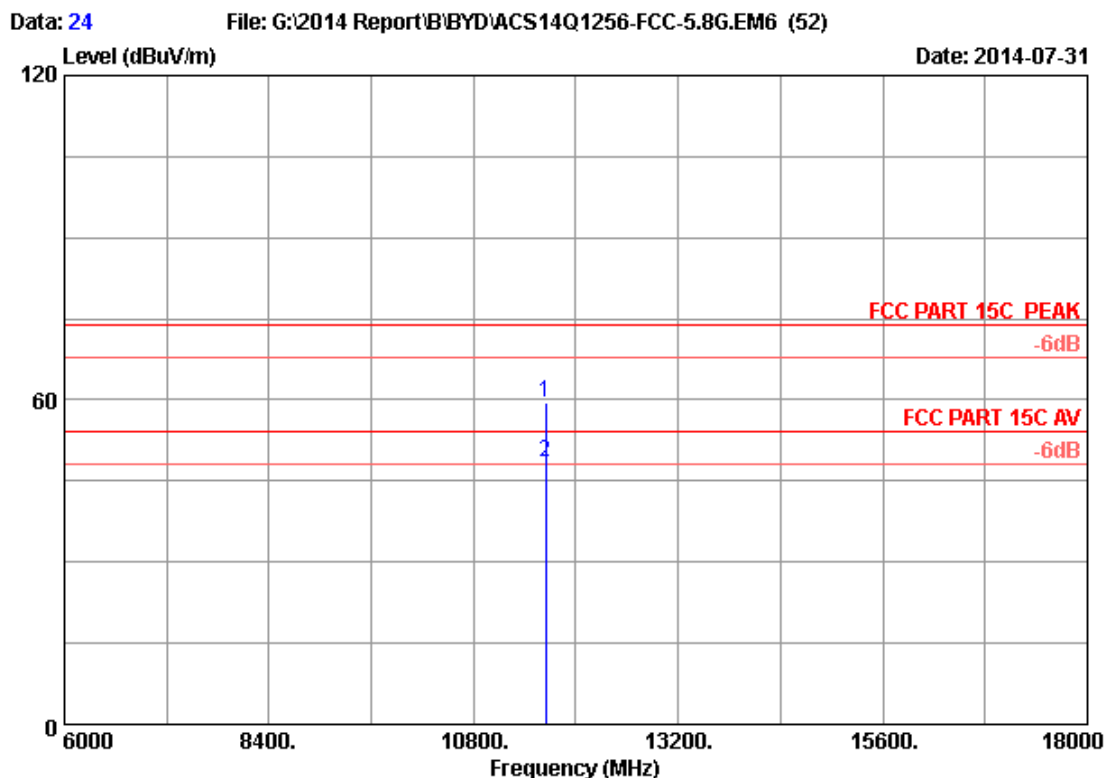
Site no. : 3m Chamber Data no. : 18  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 5825.000       | 34.13                    | 9.63                  | 35.70                 | 89.83             | 97.89                         | 74.00              | -23.89         | Peak   |

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



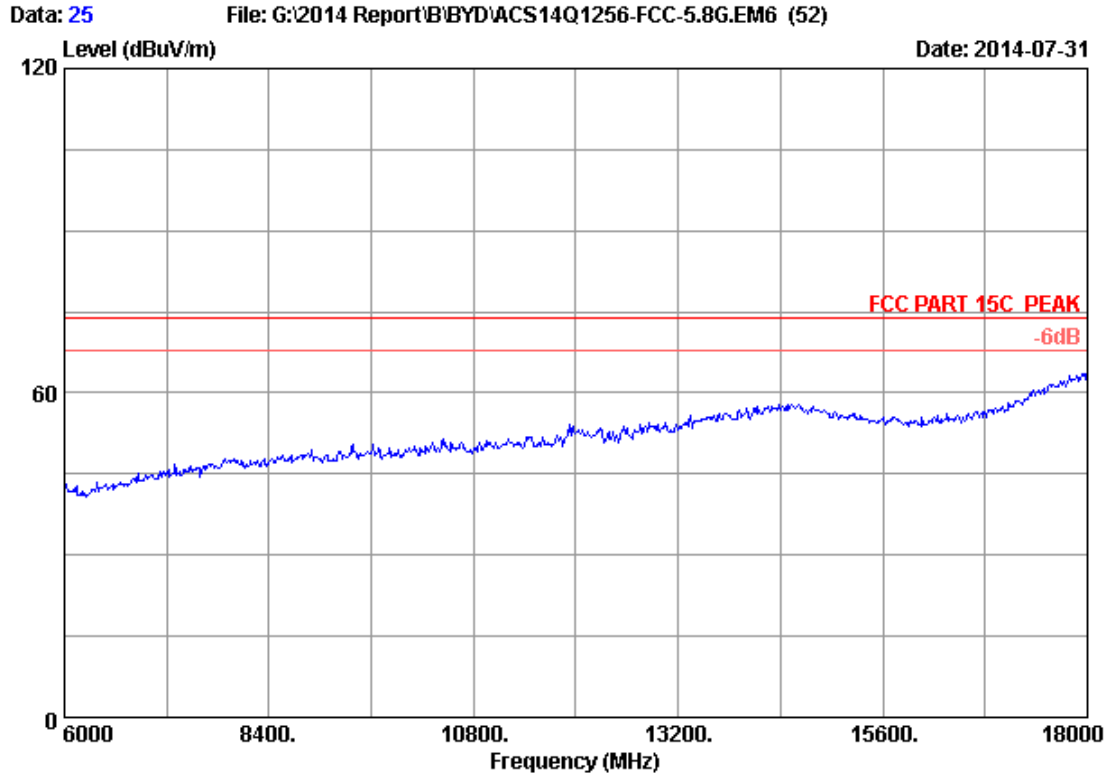
|              |                                         |           |              |
|--------------|-----------------------------------------|-----------|--------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 23         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK                     |           |              |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Kevin_HMJ  |
| EUT          | : Tablet PC                             |           |              |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |              |
| Test Mode    | : IEEE802.11a CH165 5825MHz Tx          |           |              |
| M/N          | : AT10-B                                |           |              |



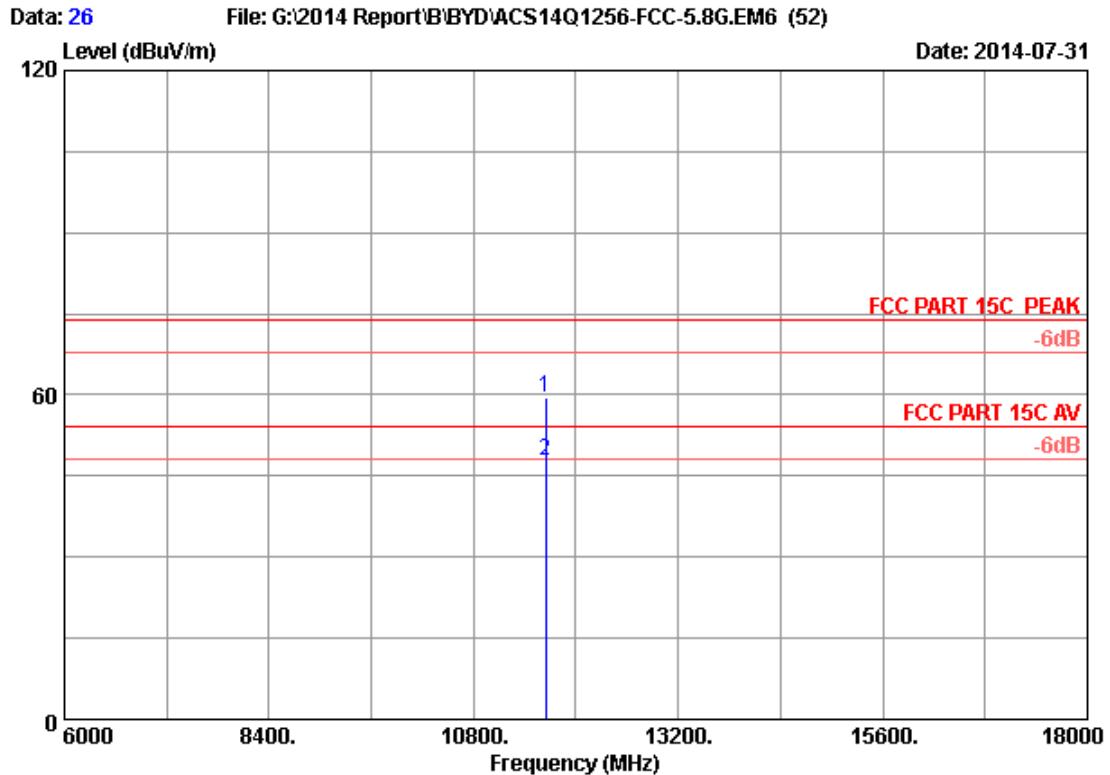
Site no. : 3m Chamber Data no. : 24  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 11650.000      | 38.91                    | 13.37                 | 35.25                 | 42.51             | 59.54                         | 74.00              | 14.46          | Peak    |
| 2   | 11650.000      | 38.91                    | 13.37                 | 35.25                 | 31.51             | 48.54                         | 54.00              | 5.46           | Average |

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



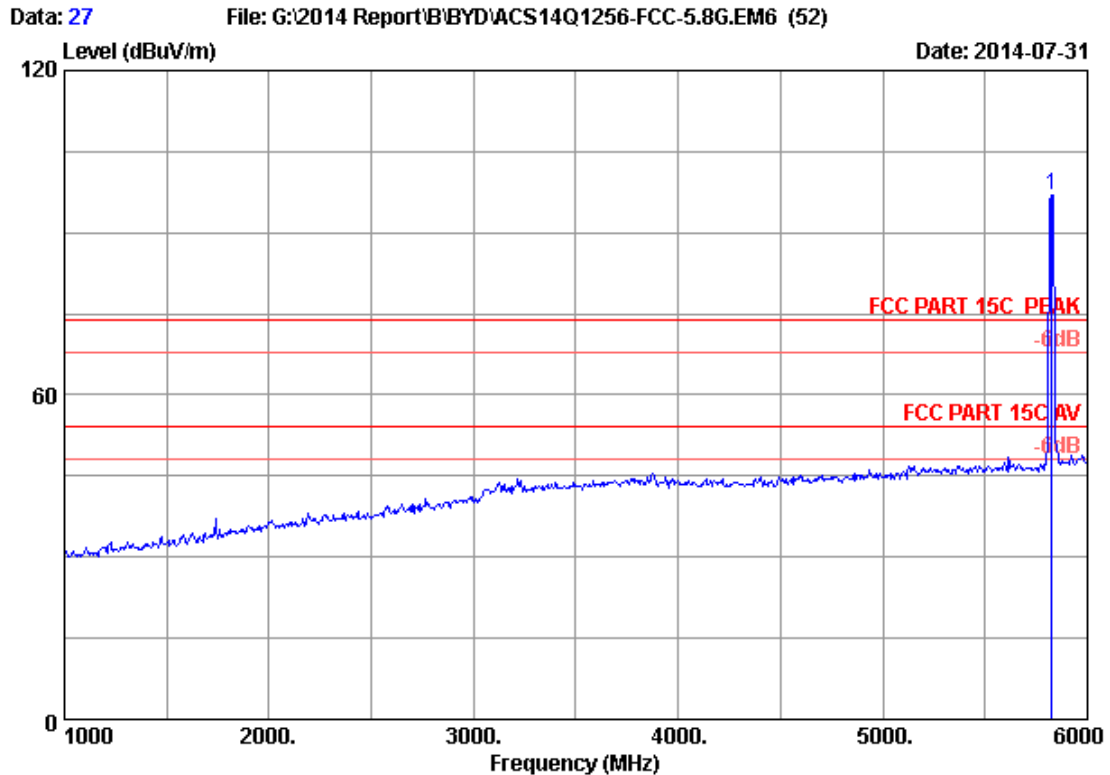
|              |                                         |           |             |
|--------------|-----------------------------------------|-----------|-------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 25        |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : VERTICAL  |
| Limit        | : FCC PART 15C PEAK                     |           |             |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Kevin_HMJ |
| EUT          | : Tablet PC                             |           |             |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |             |
| Test Mode    | : IEEE802.11a CH165 5825MHz Tx          |           |             |
| M/N          | : AT10-B                                |           |             |



Site no. : 3m Chamber Data no. : 26  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 11650.000      | 38.91                    | 13.37                 | 35.25                 | 42.59             | 59.62                         | 74.00              | 14.38          | Peak    |
| 2   | 11650.000      | 38.91                    | 13.37                 | 35.25                 | 30.85             | 47.88                         | 54.00              | 6.12           | Average |

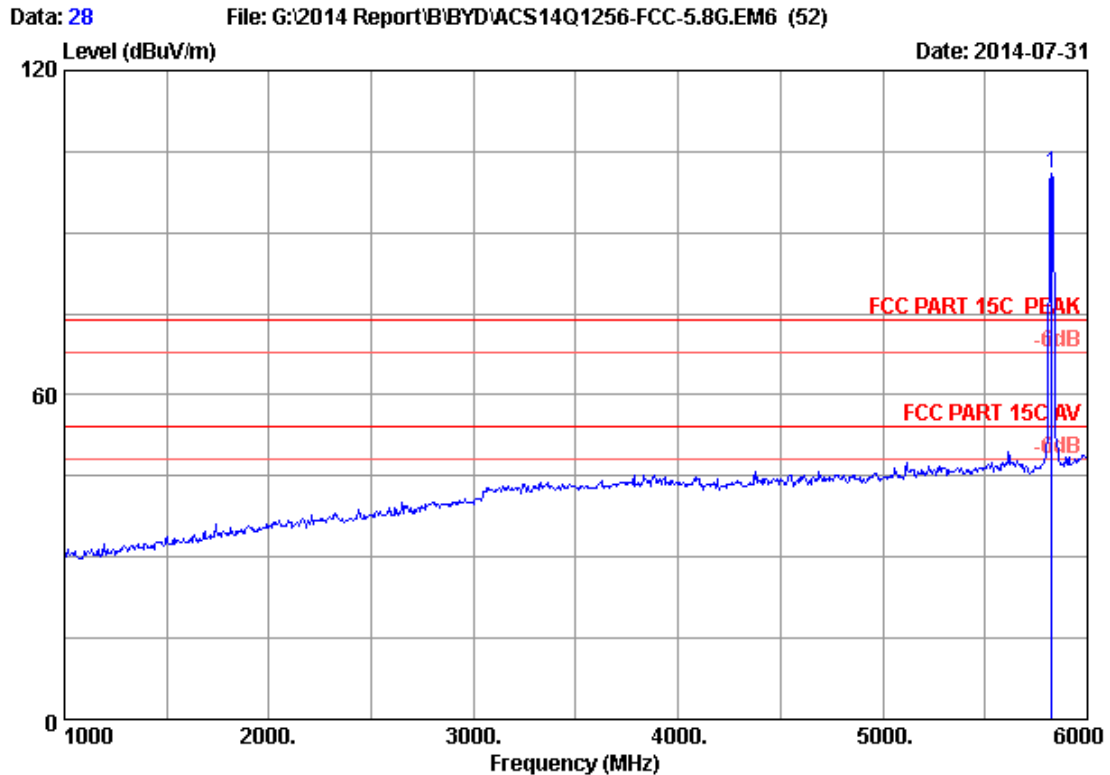
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 27  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 5825.000       | 34.13                    | 9.63                  | 35.70                 | 88.95             | 97.01             | 74.00              | -23.01         | Peak   |

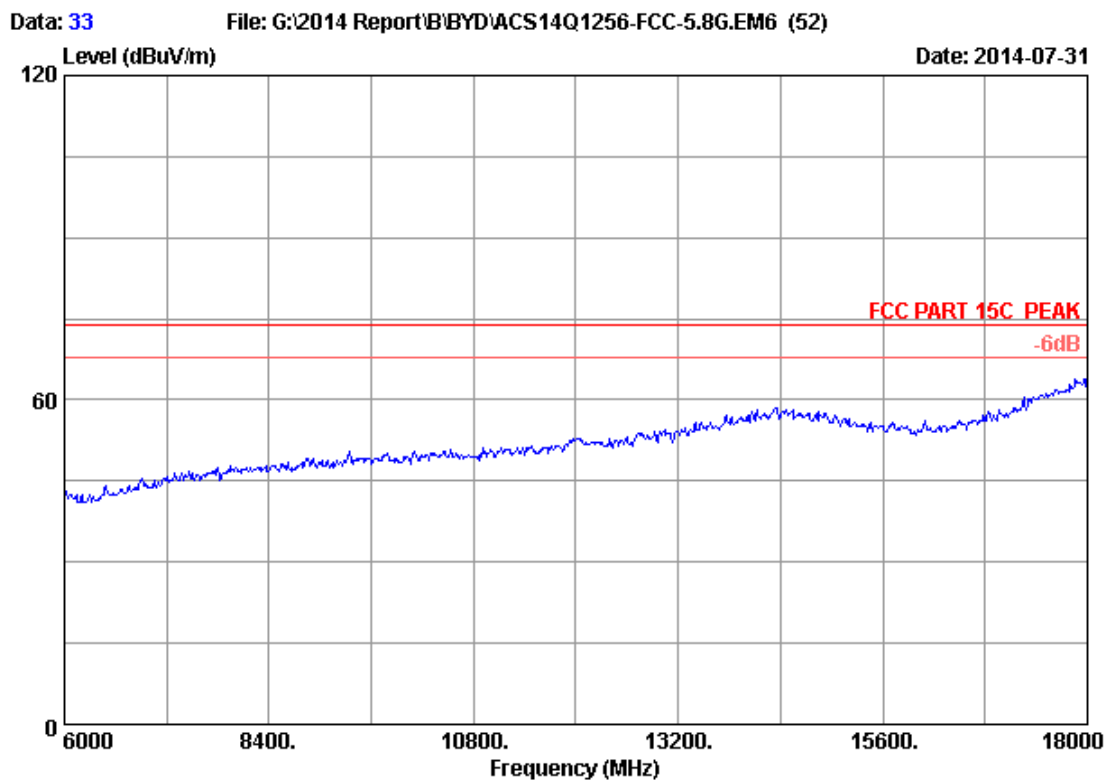
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



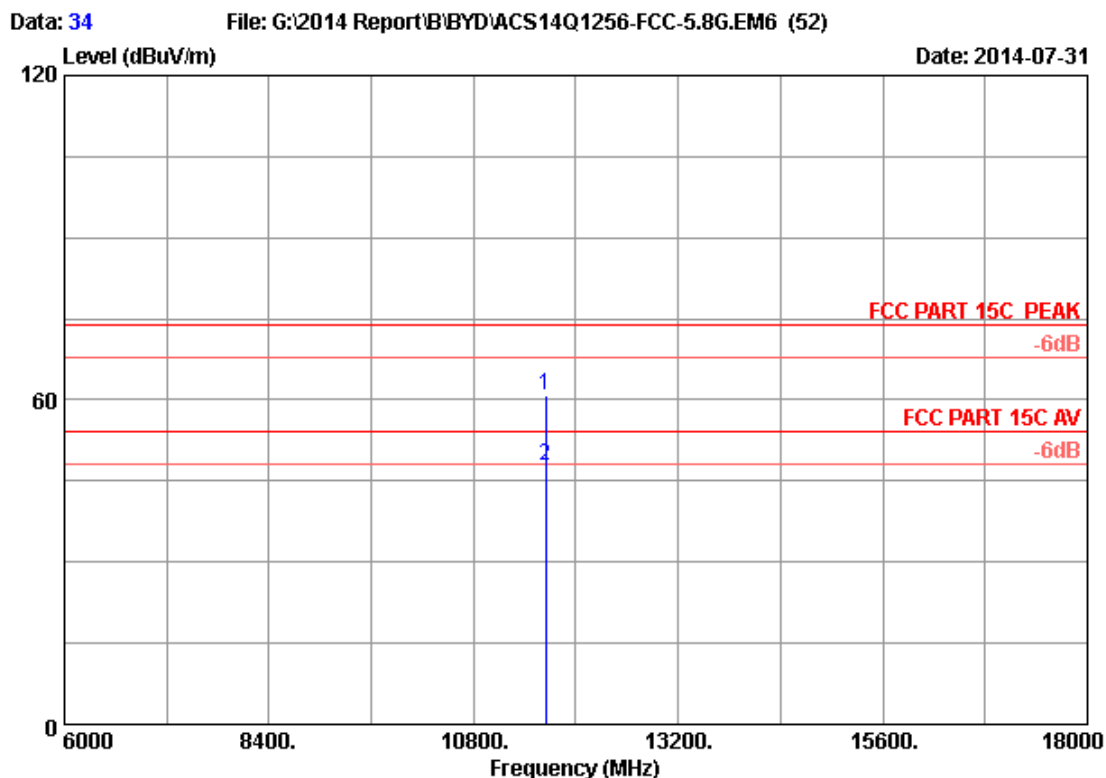
Site no. : 3m Chamber Data no. : 28  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 5825.000       | 34.13                    | 9.63                  | 35.70                 | 92.82             | 100.88            | 74.00              | -26.88         | Peak   |

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



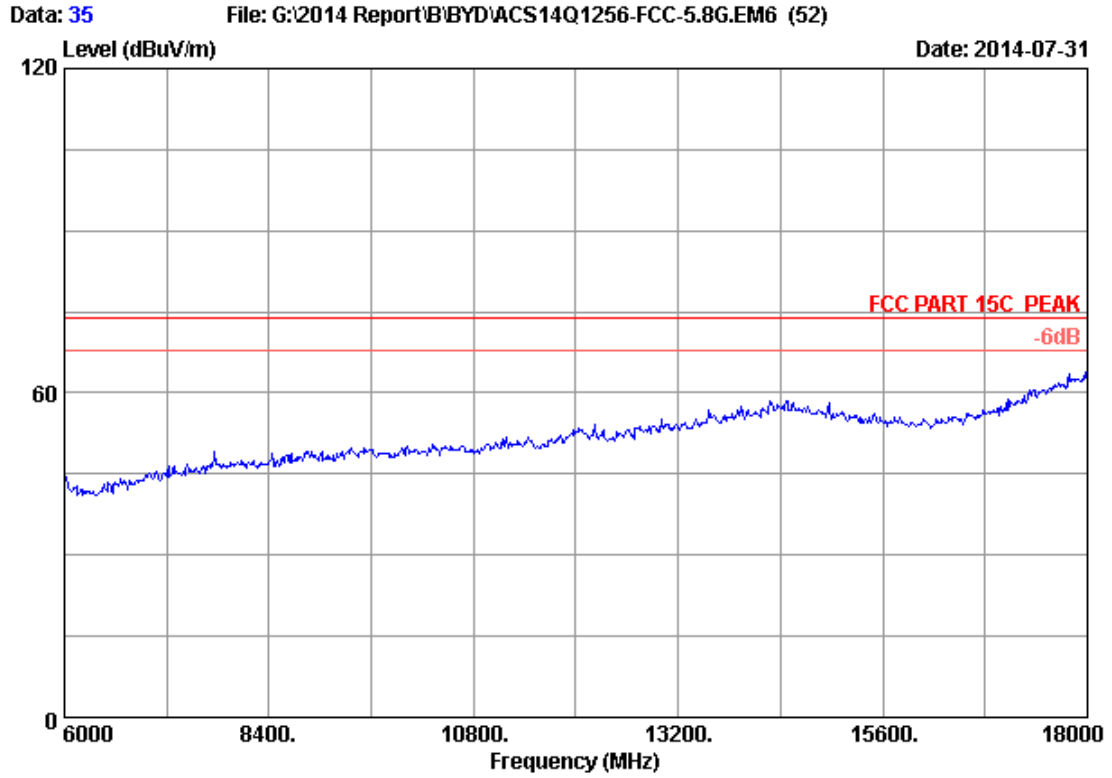
|              |                                         |           |             |
|--------------|-----------------------------------------|-----------|-------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 33        |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : VERTICAL  |
| Limit        | : FCC PART 15C PEAK                     |           |             |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Kevin_HMJ |
| EUT          | : Tablet PC                             |           |             |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |             |
| Test Mode    | : IEEE802.11nHT20 CH165 5825MHz Tx      |           |             |
| M/N          | : AT10-B                                |           |             |



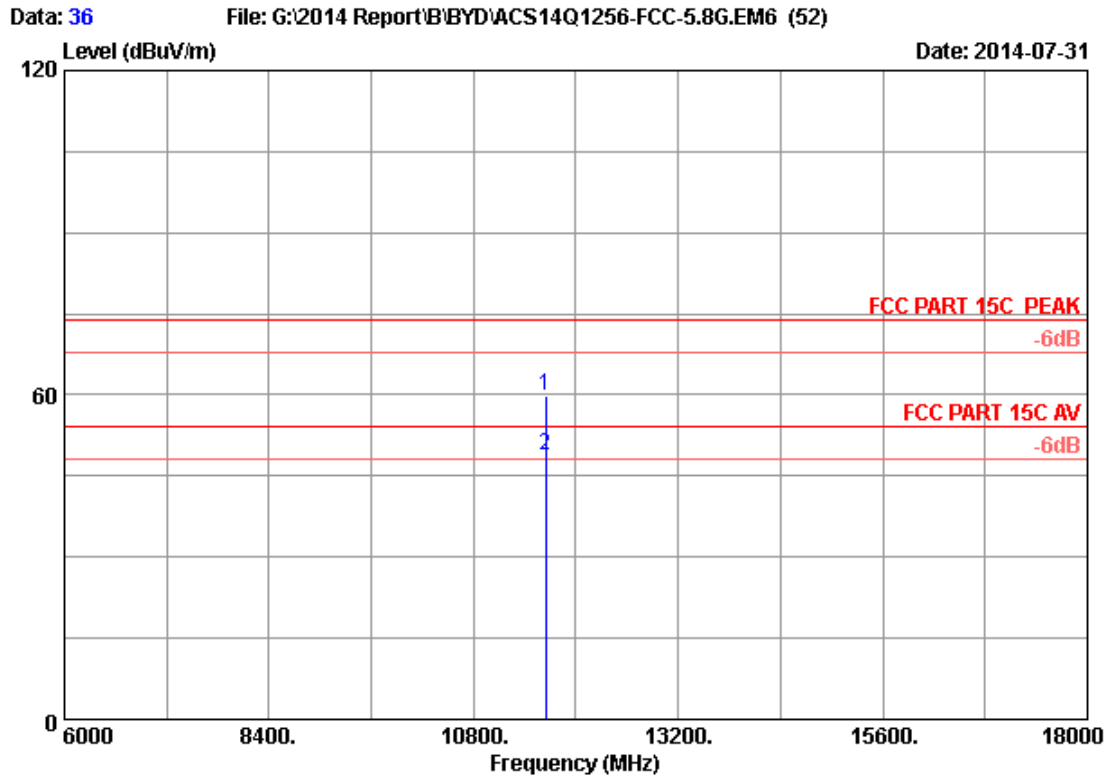
Site no. : 3m Chamber Data no. : 34  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 11650.000      | 38.91                    | 13.37                 | 35.25                 | 43.76             | 60.79                         | 74.00              | 13.21          | Peak    |
| 2   | 11650.000      | 38.91                    | 13.37                 | 35.25                 | 30.79             | 47.82                         | 54.00              | 6.18           | Average |

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



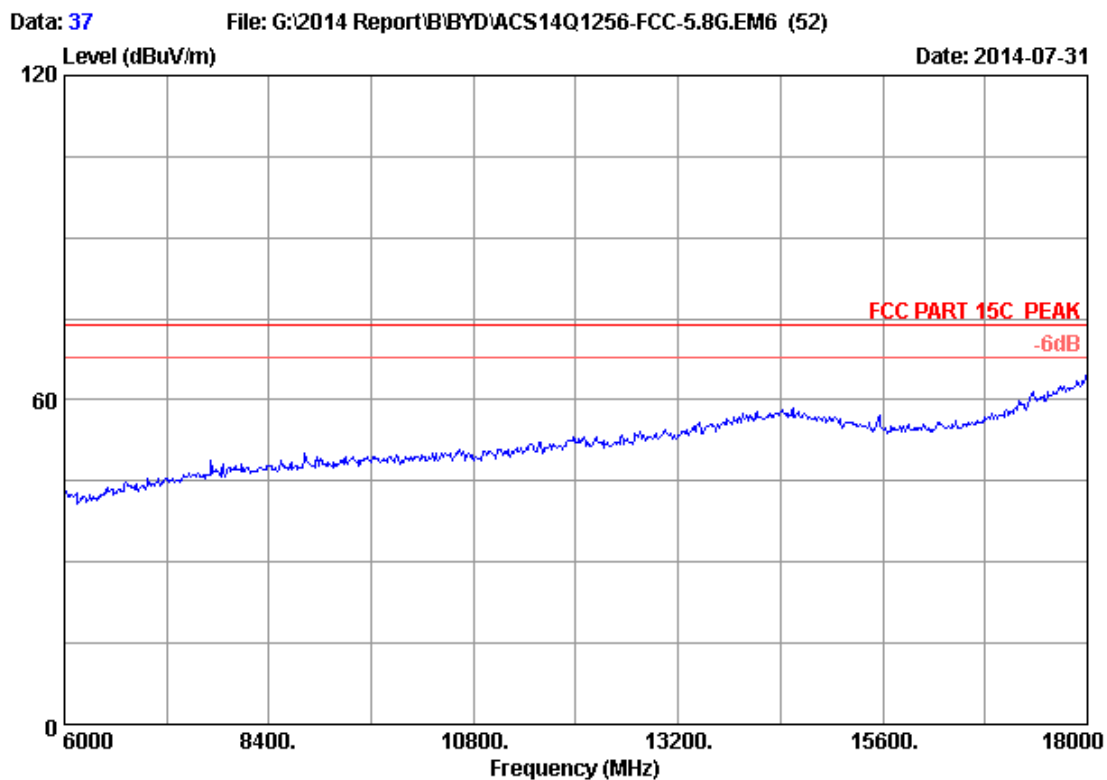
|              |                                         |           |              |
|--------------|-----------------------------------------|-----------|--------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 35         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK                     |           |              |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Kevin_HMJ  |
| EUT          | : Tablet PC                             |           |              |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |              |
| Test Mode    | : IEEE802.11nHT20 CH165 5825MHz Tx      |           |              |
| M/N          | : AT10-B                                |           |              |



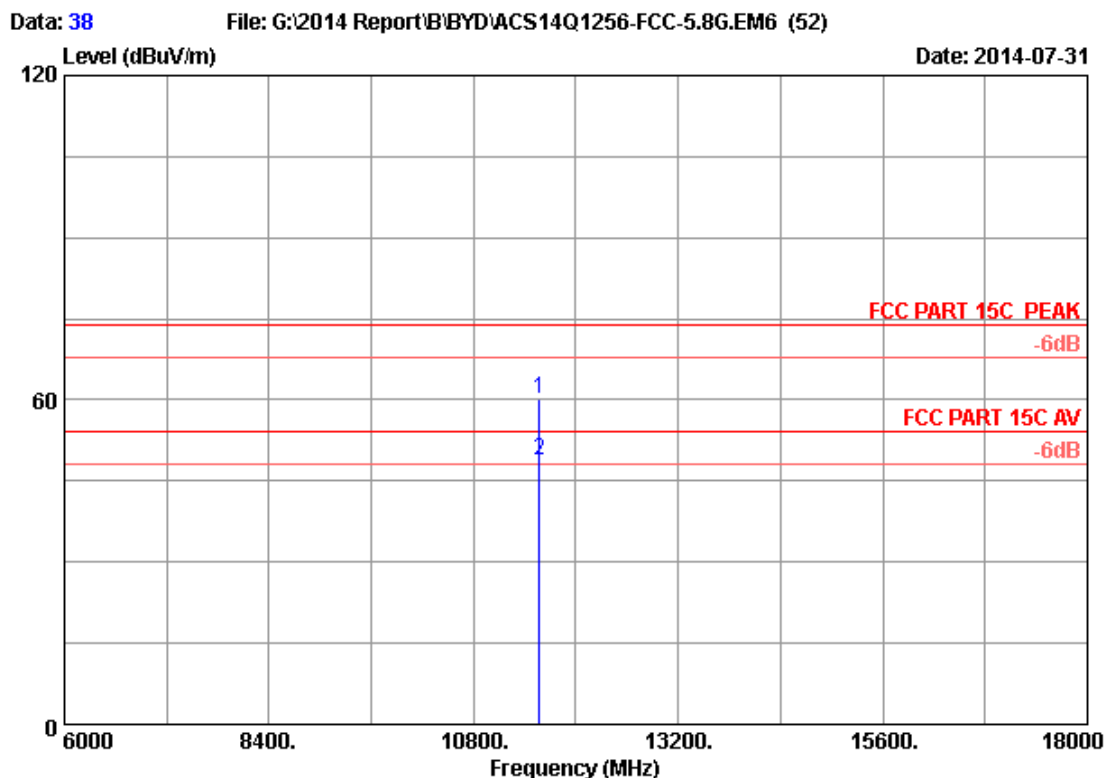
Site no. : 3m Chamber Data no. : 36  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 11650.000      | 38.91                    | 13.37                 | 35.25                 | 42.91             | 59.94                         | 74.00              | 14.06          | Peak    |
| 2   | 11650.000      | 38.91                    | 13.37                 | 35.25                 | 31.64             | 48.67                         | 54.00              | 5.33           | Average |

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



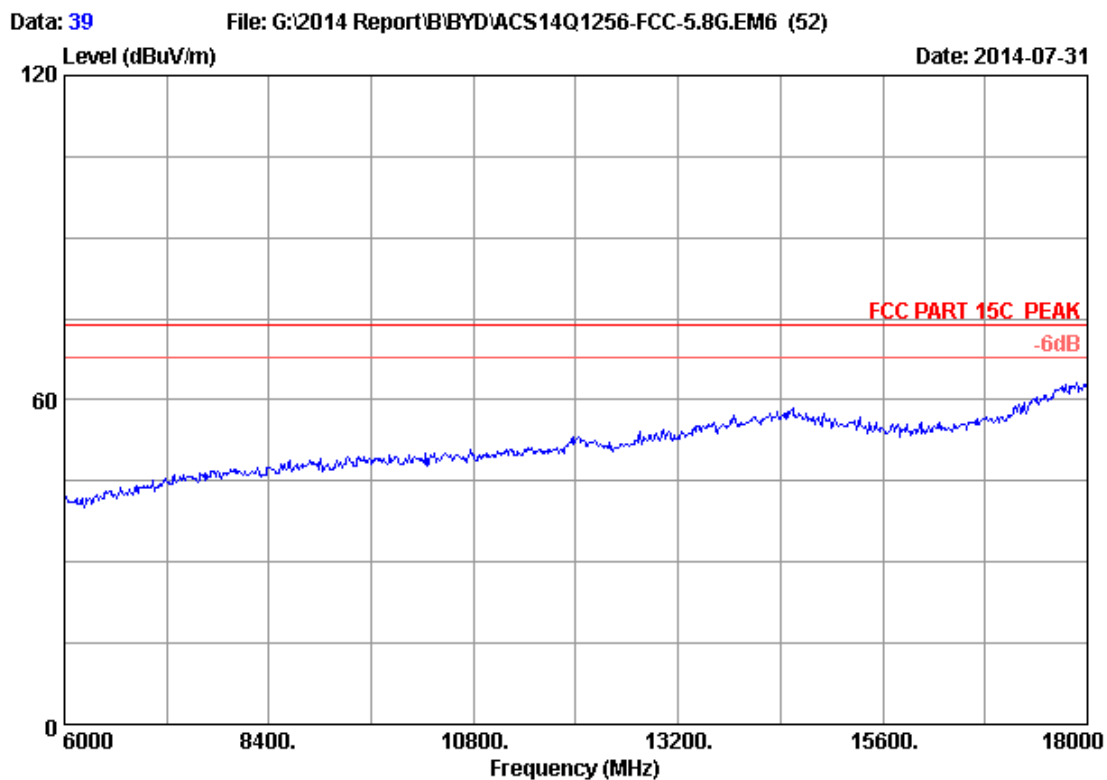
|              |                                         |           |              |
|--------------|-----------------------------------------|-----------|--------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 37         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK                     |           |              |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Kevin_HMJ  |
| EUT          | : Tablet PC                             |           |              |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |              |
| Test Mode    | : IEEE802.11nHT20 CH157 5785MHz Tx      |           |              |
| M/N          | : AT10-B                                |           |              |



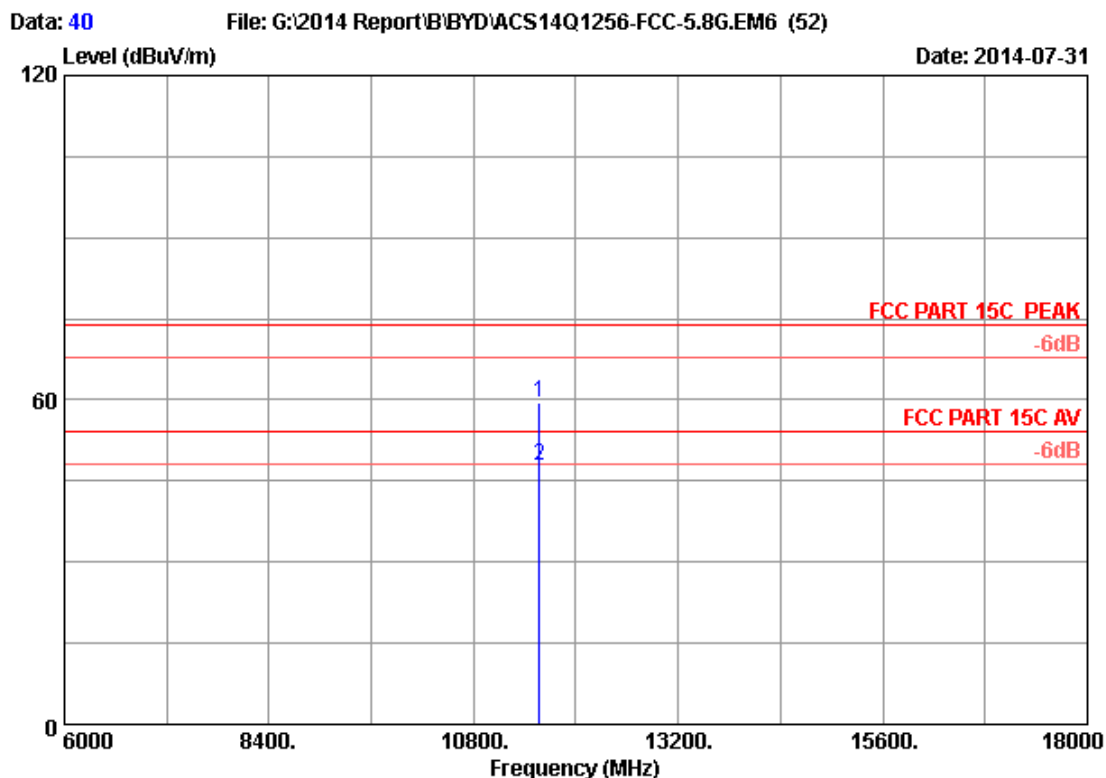
Site no. : 3m Chamber Data no. : 38  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH157 5785MHz Tx  
 M/N : AT10-B

| No. | 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   | 11570.000      | 38.80                    | 13.32                 | 35.26                 | 43.36             | 60.22                         | 74.00              | 13.78          | Peak    |
| 2   | 11570.000      | 38.80                    | 13.32                 | 35.26                 | 31.82             | 48.68                         | 54.00              | 5.32           | Average |

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



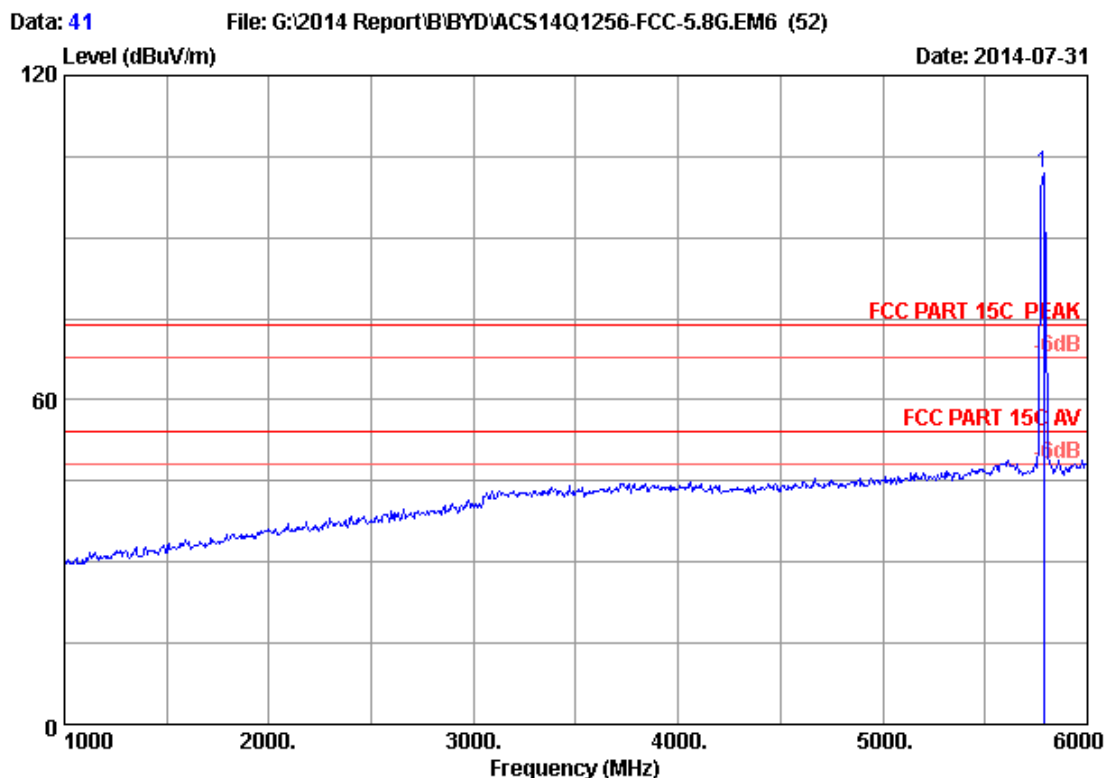
|              |                                         |           |             |
|--------------|-----------------------------------------|-----------|-------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 39        |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : VERTICAL  |
| Limit        | : FCC PART 15C PEAK                     |           |             |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Kevin_HMJ |
| EUT          | : Tablet PC                             |           |             |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |             |
| Test Mode    | : IEEE802.11nHT20 CH157 5785MHz Tx      |           |             |
| M/N          | : AT10-B                                |           |             |



Site no. : 3m Chamber Data no. : 40  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH157 5785MHz Tx  
 M/N : AT10-B

| No. | 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   | 11570.000      | 38.80                    | 13.32                 | 35.26                 | 42.61             | 59.47                         | 74.00              | 14.53          | Peak    |
| 2   | 11570.000      | 38.80                    | 13.32                 | 35.26                 | 30.95             | 47.81                         | 54.00              | 6.19           | Average |

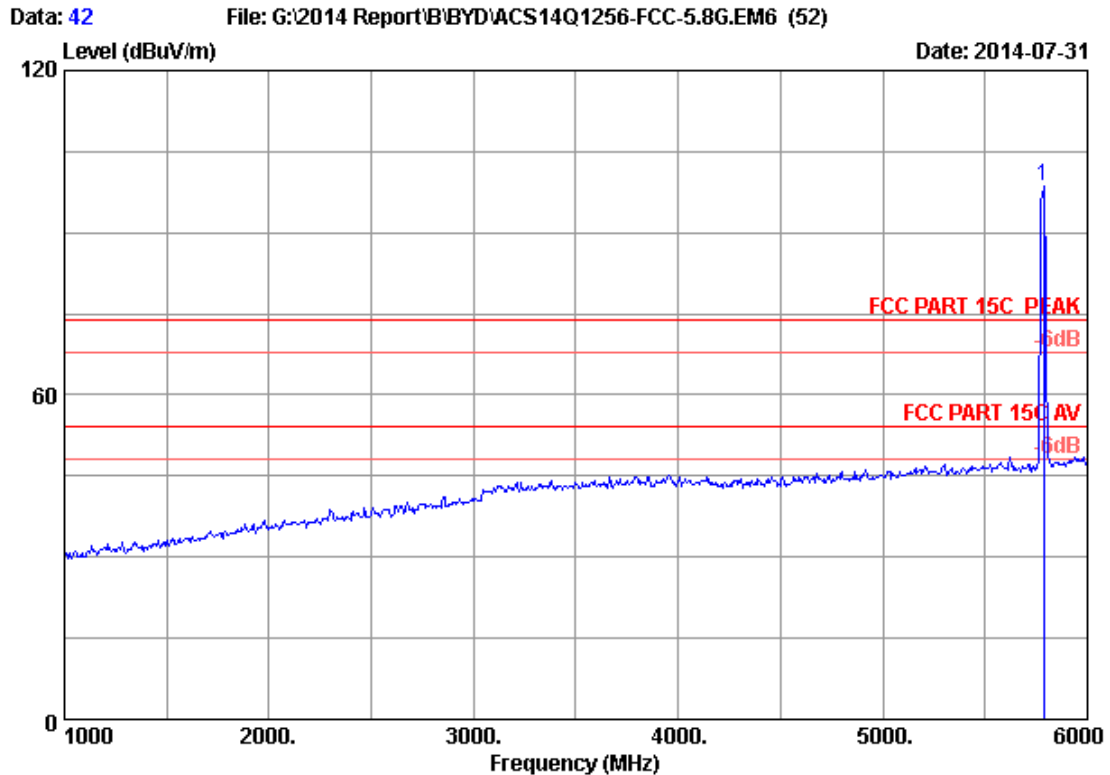
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 41  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH157 5785MHz Tx  
 M/N : AT10-B

| No. | 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   | 5785.000       | 34.11                    | 9.59                  | 35.70                 | 94.01             | 102.01            | 74.00              | -28.01         | Peak   |

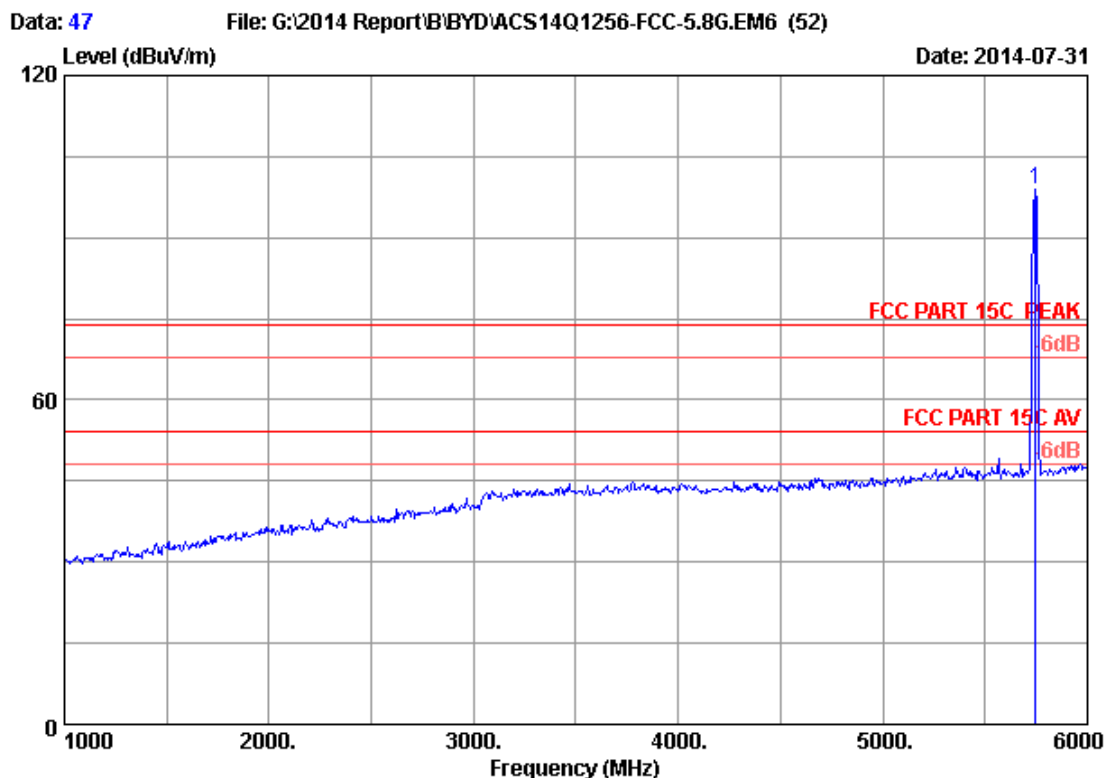
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 42  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH157 5785MHz Tx  
 M/N : AT10-B

| No. | 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   | 5785.000       | 34.11                    | 9.59                  | 35.70                 | 90.62             | 98.62                         | 74.00              | -24.62         | Peak   |

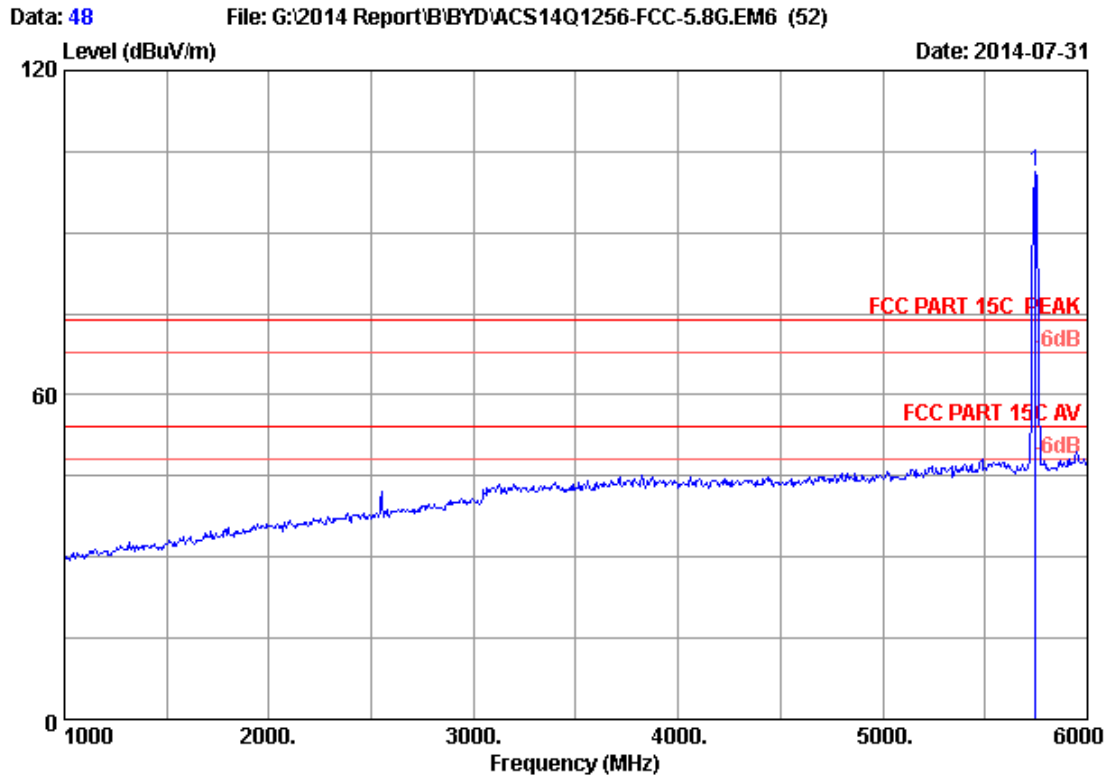
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 47  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 5745.000       | 34.10                    | 9.55                  | 35.70                 | 90.87             | 98.82             | 74.00              | -24.82         | Peak   |

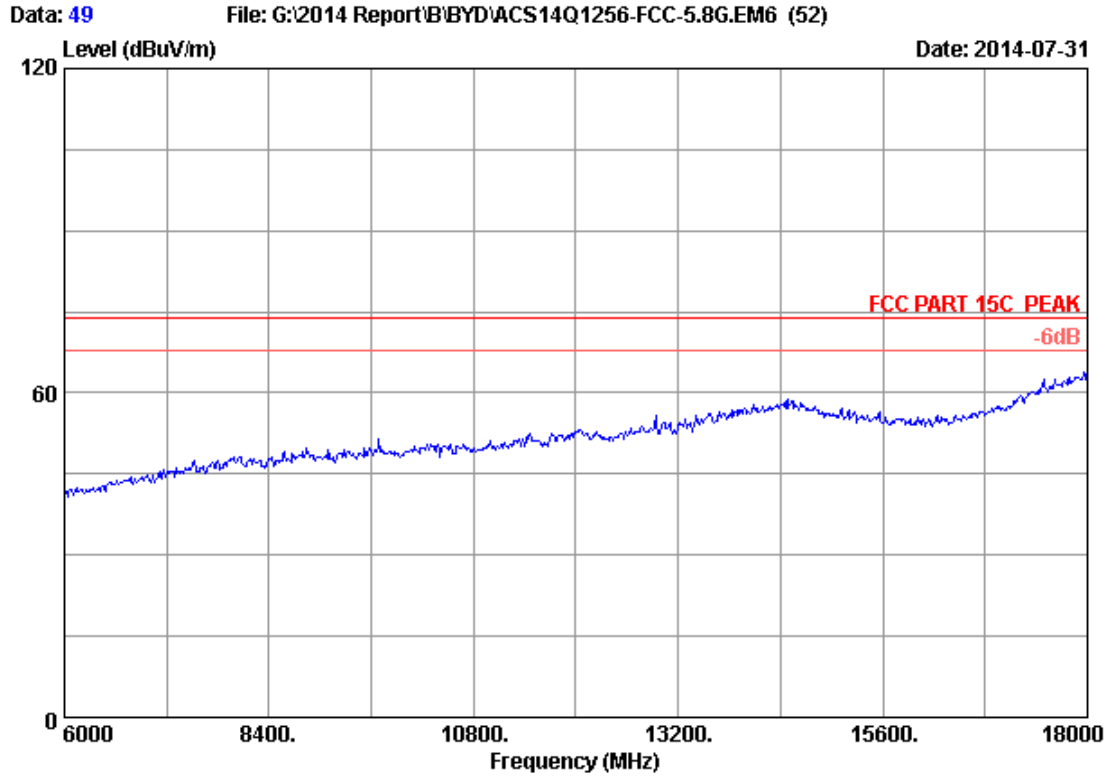
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



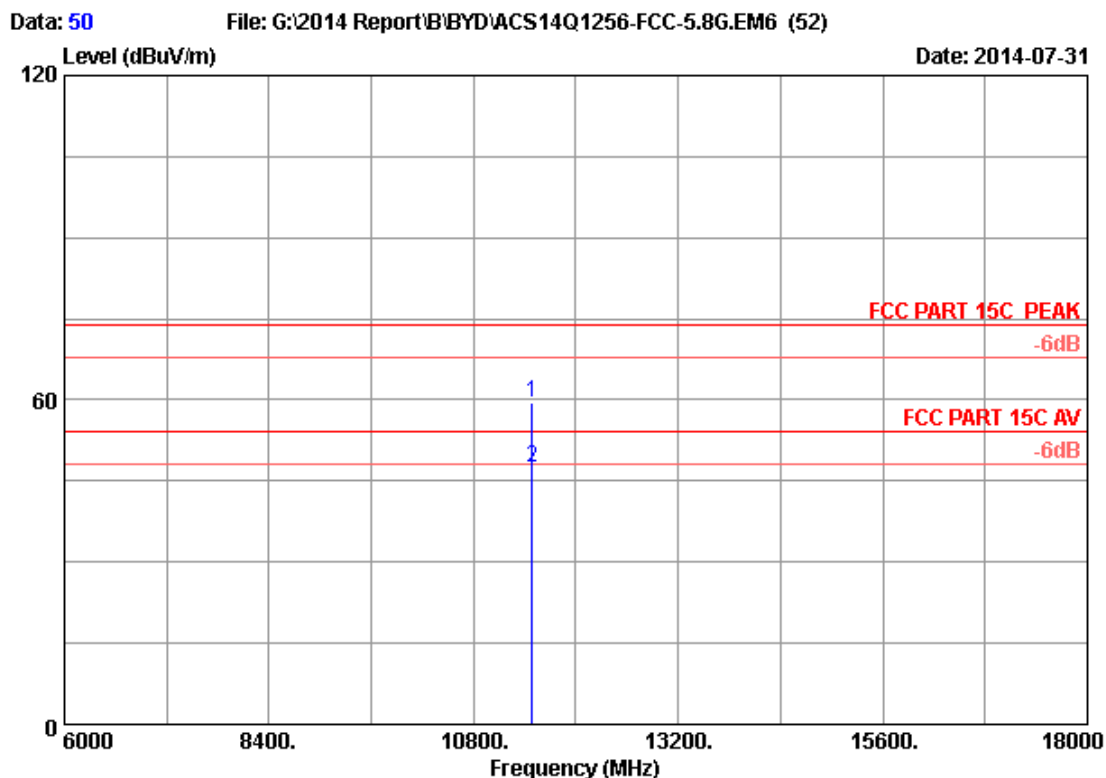
Site no. : 3m Chamber Data no. : 48  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 5745.000       | 34.10                    | 9.55                  | 35.70                 | 93.49             | 101.44            | 74.00              | -27.44         | Peak   |

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



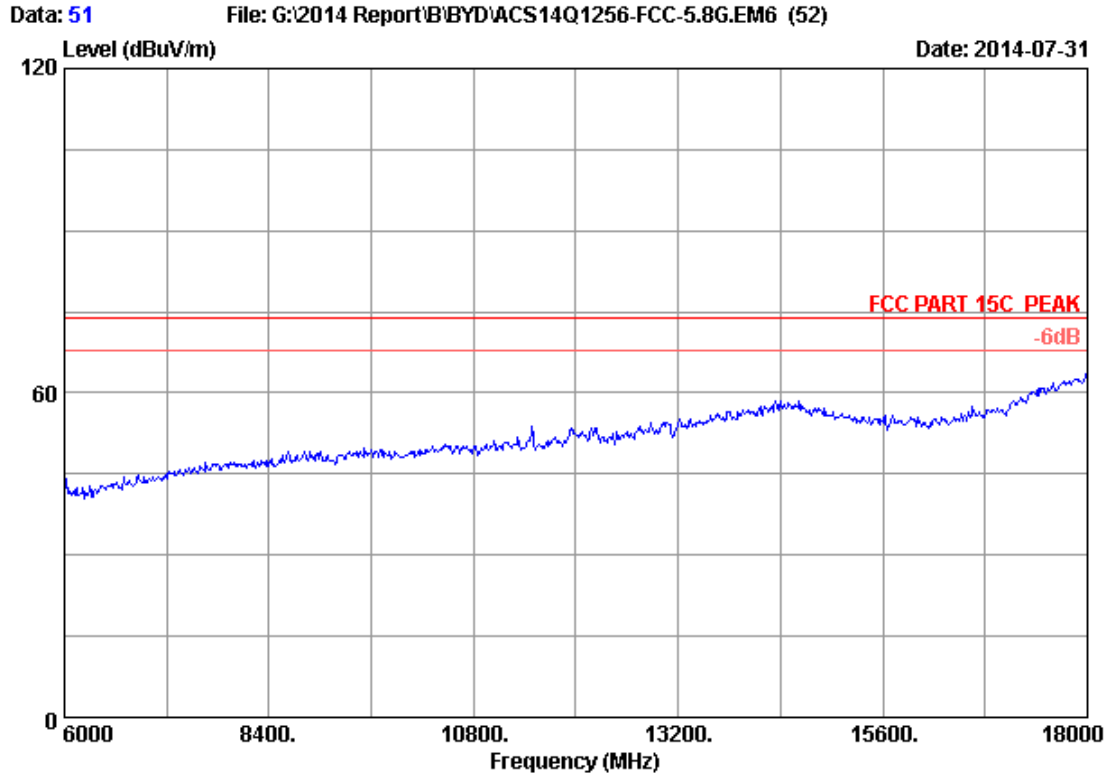
|              |                                         |           |             |
|--------------|-----------------------------------------|-----------|-------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 49        |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : VERTICAL  |
| Limit        | : FCC PART 15C PEAK                     |           |             |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Kevin_HMJ |
| EUT          | : Tablet PC                             |           |             |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |             |
| Test Mode    | : IEEE802.11nHT20 CH149 5745MHz Tx      |           |             |
| M/N          | : AT10-B                                |           |             |



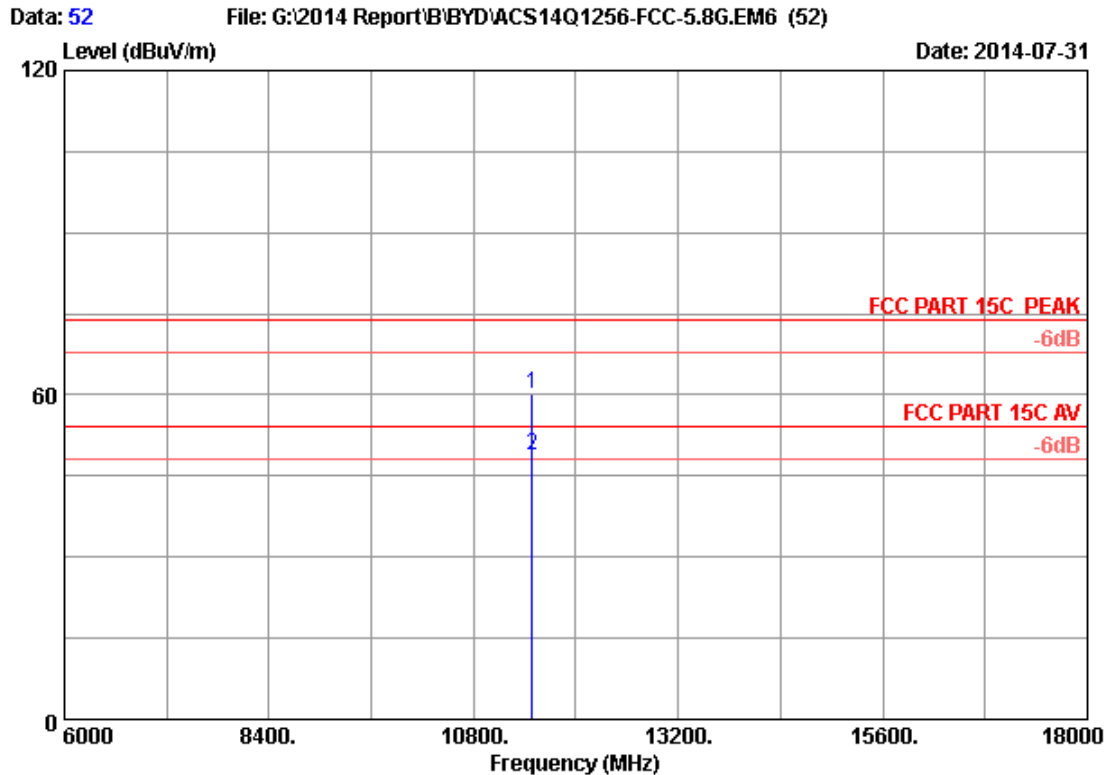
Site no. : 3m Chamber Data no. : 50  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 11490.000      | 38.69                    | 13.28                 | 35.28                 | 42.70             | 59.39                         | 74.00              | 14.61          | Peak    |
| 2   | 11490.000      | 38.69                    | 13.28                 | 35.28                 | 30.79             | 47.48                         | 54.00              | 6.52           | Average |

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



|              |                                         |           |              |
|--------------|-----------------------------------------|-----------|--------------|
| Site no.     | : 3m Chamber                            | Data no.  | : 51         |
| Dis. / Ant.  | : 3m 2013 3115 (4580)                   | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART 15C PEAK                     |           |              |
| Env. / Ins.  | : 24°C/56%                              | Engineer  | : Kevin_HMJ  |
| EUT          | : Tablet PC                             |           |              |
| Power Rating | : DC 5V From Adapter Input AC 120V/60Hz |           |              |
| Test Mode    | : IEEE802.11nHT20 CH149 5745MHz Tx      |           |              |
| M/N          | : AT10-B                                |           |              |



Site no. : 3m Chamber Data no. : 52  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 11490.000      | 38.69                    | 13.28                 | 35.28                 | 43.52             | 60.21                         | 74.00              | 13.79          | Peak    |
| 2   | 11490.000      | 38.69                    | 13.28                 | 35.28                 | 32.05             | 48.74                         | 54.00              | 5.26           | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 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      | E7403A    | MY42000106 | Apr. 28,14 | 1 Year        |
| 2.   | Matching Transformer | Anritsu      | MP614A    | NO.2       | NCR        | NCR           |
| 3.   | TV SG                | Philip       | PM5418    | LO625020   | Apr. 28,14 | 1 Year        |

### 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.

### 5.3. Test Procedure

The transmitter output was connected to a spectrum analyzer, The resolution bandwidth is set to 100 kHz, The video bandwidth is set to 300 kHz and measure all the emissions detected.

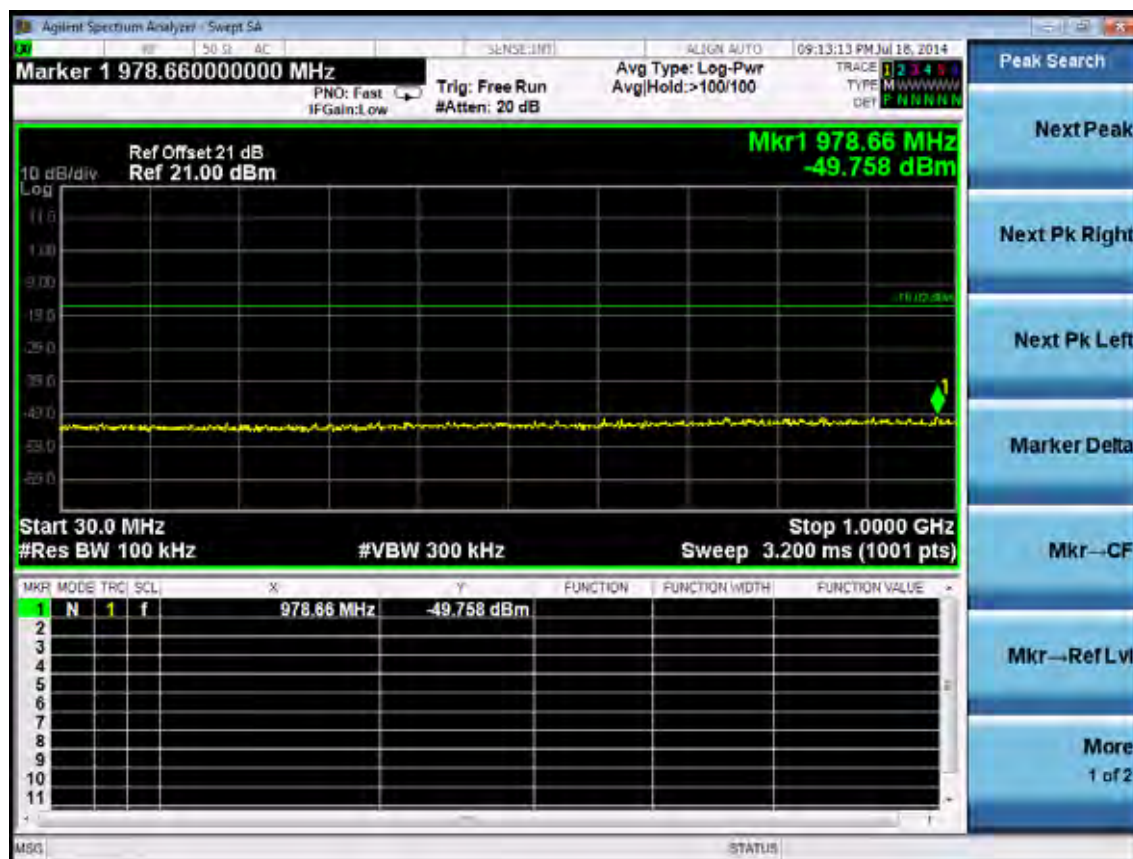
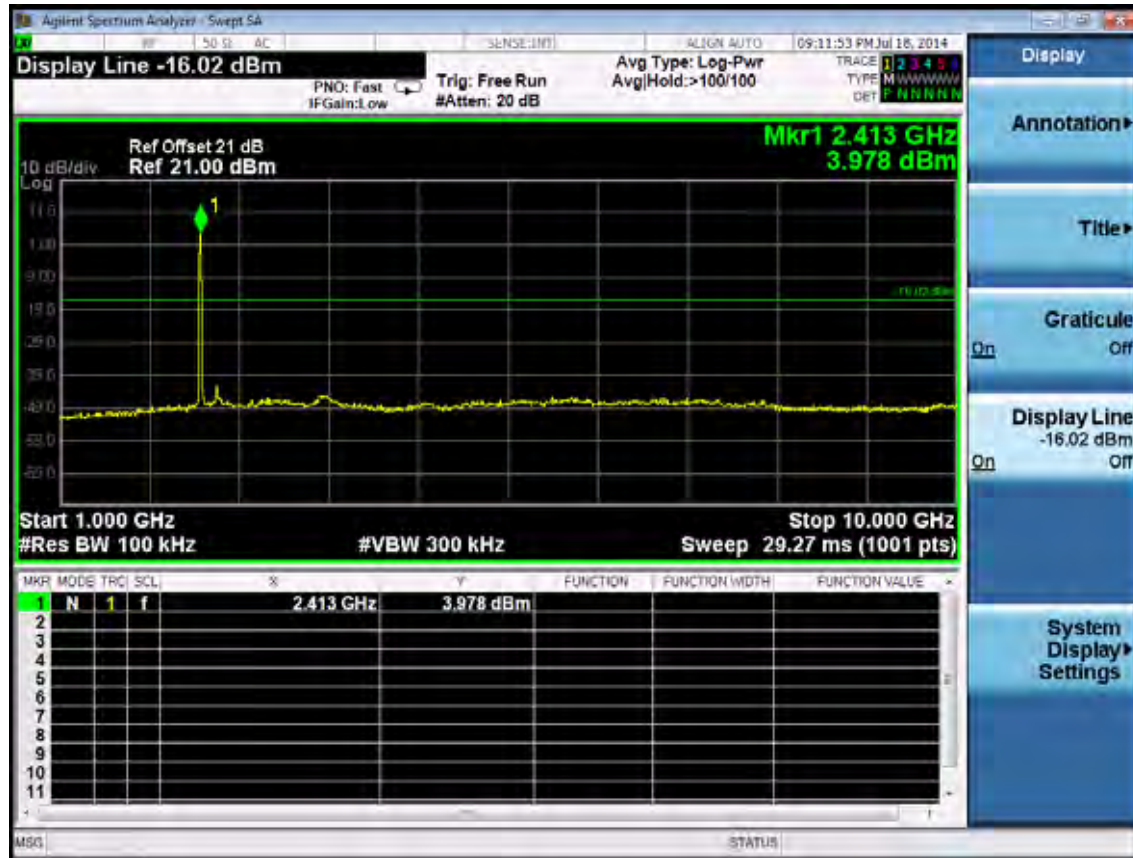
### 5.4. Test result

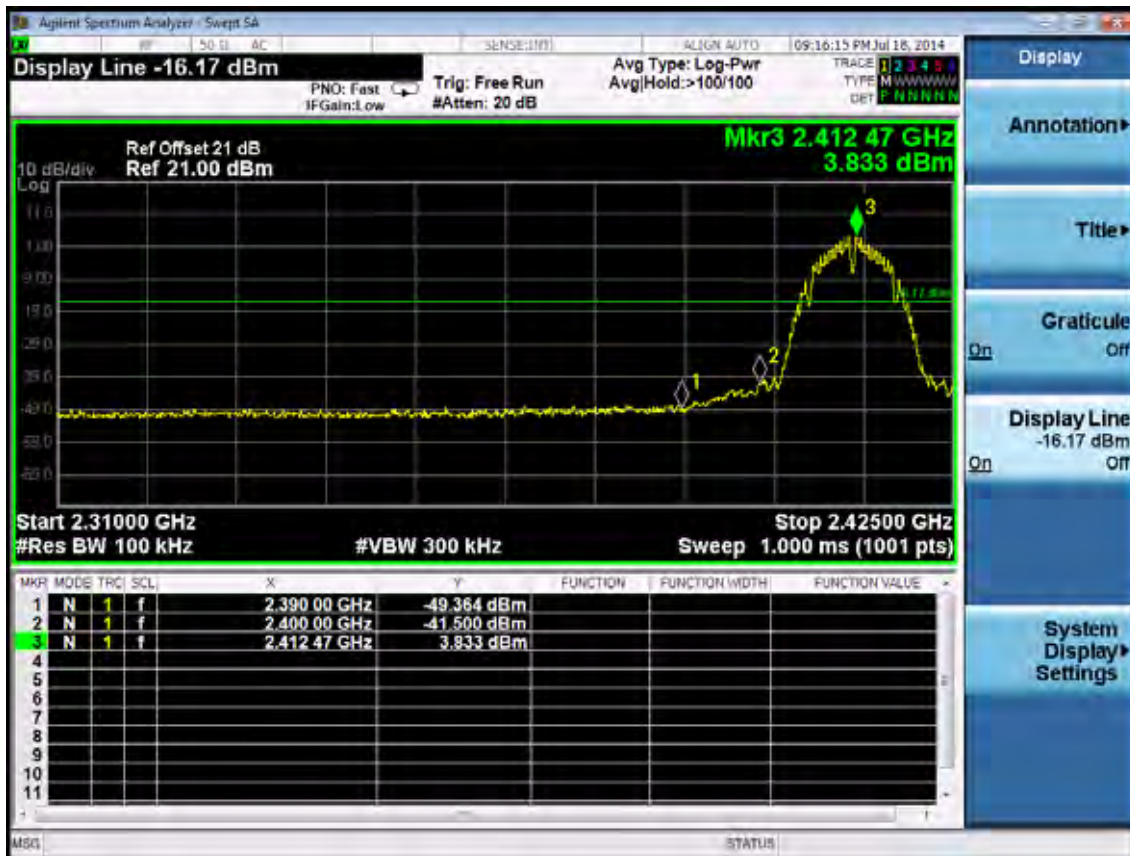
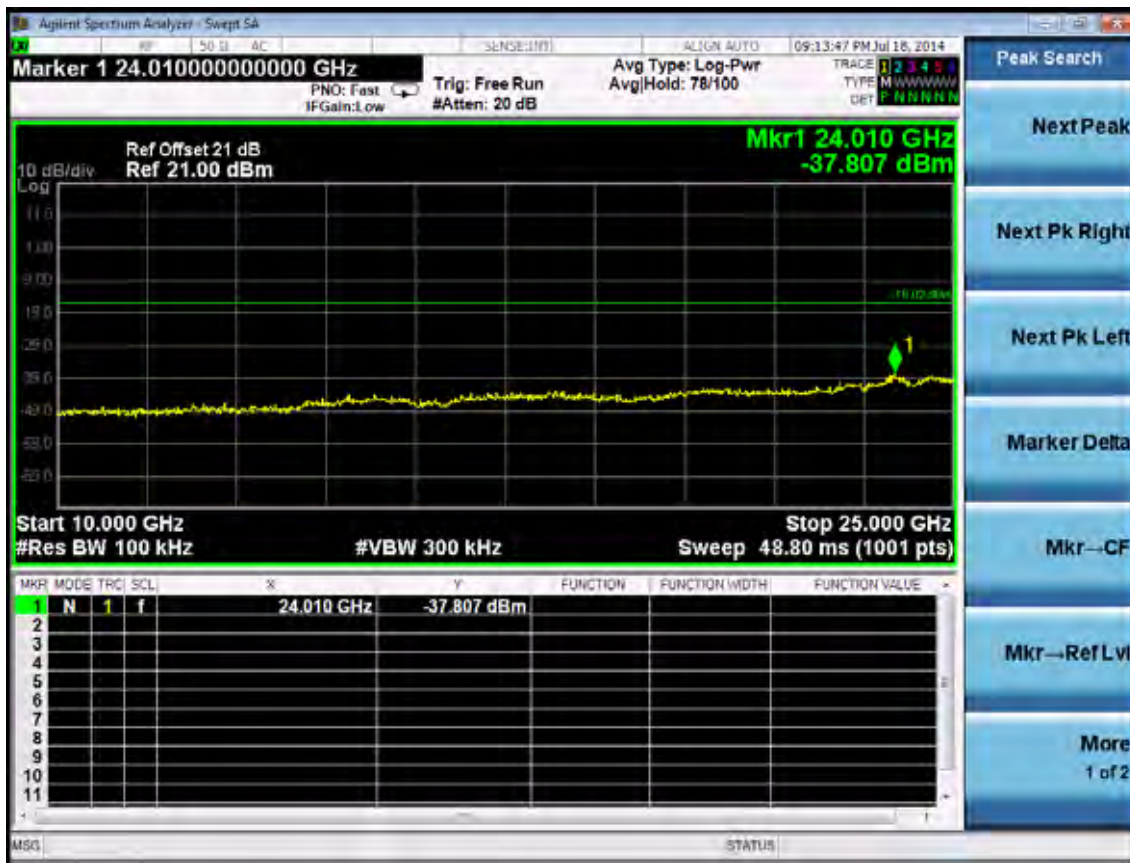
**PASS** (The testing data was attached in the next pages.)

## 2.4G:

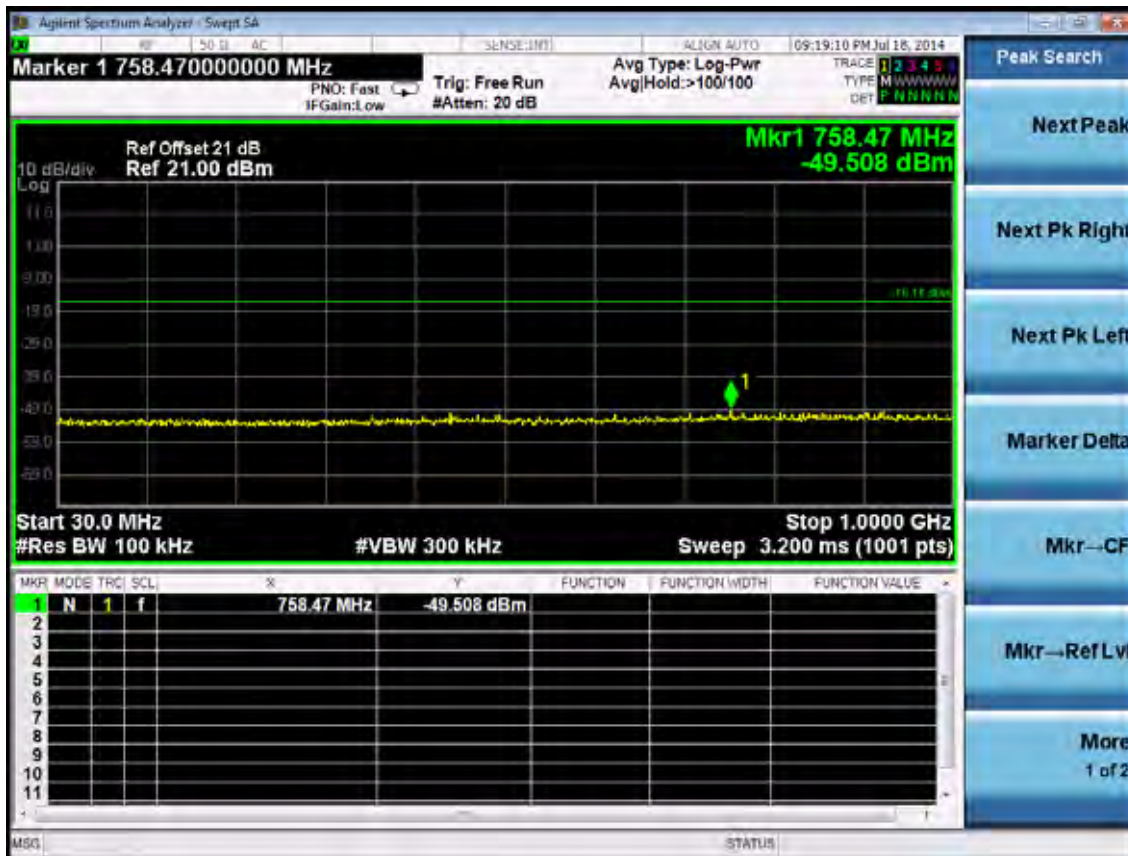
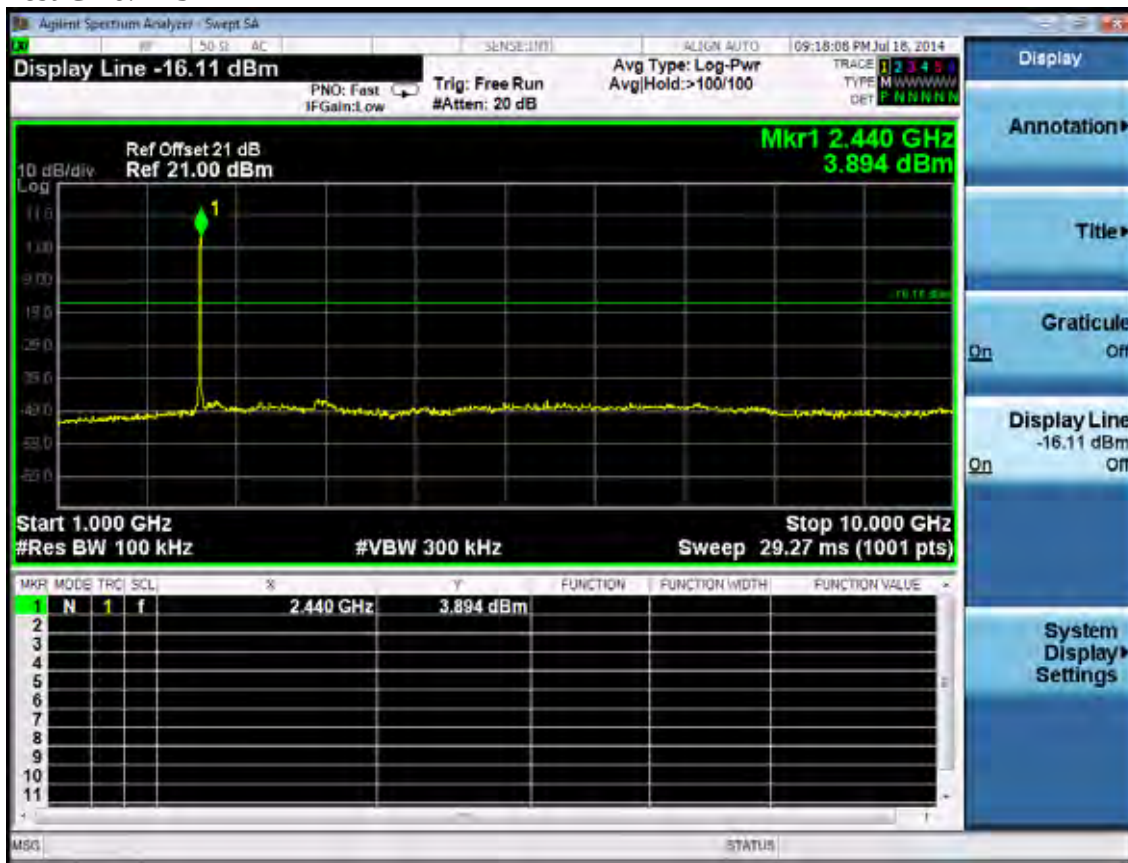
Test Mode: IEEE 802.11b TX

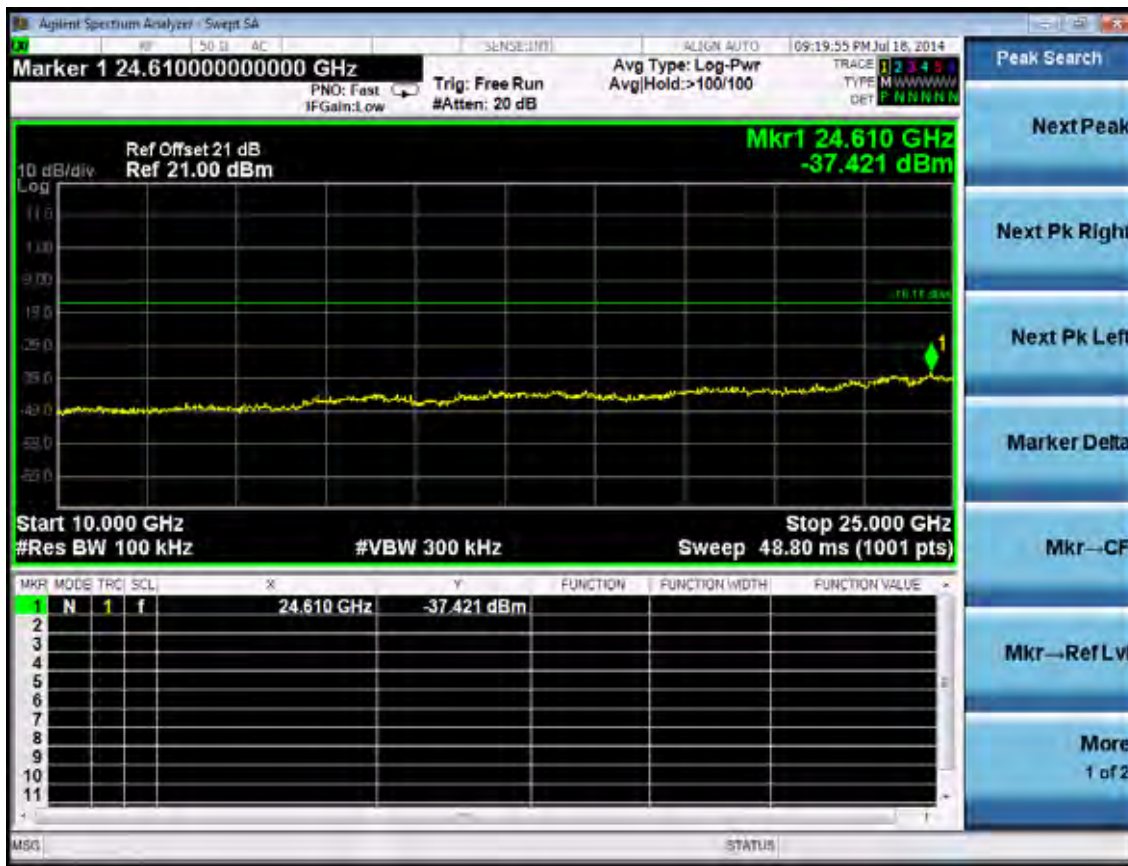
Test CH1: 2412MHz



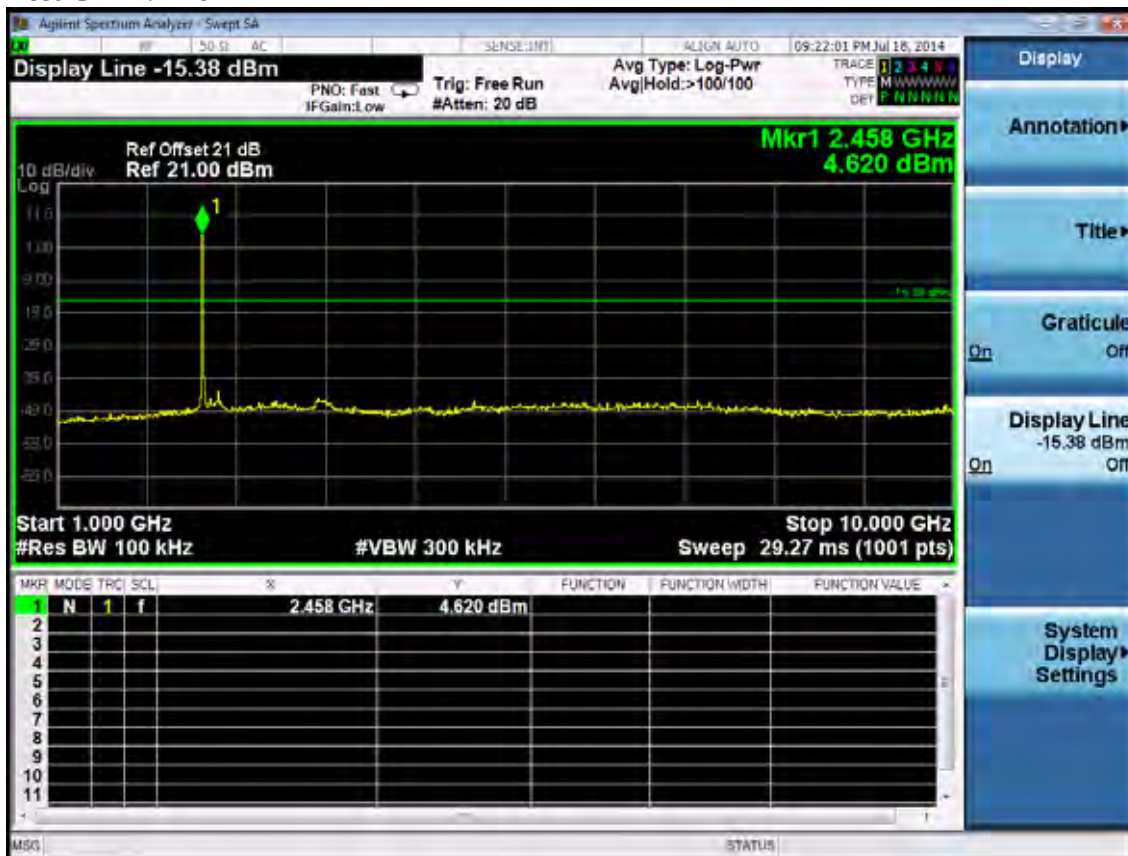


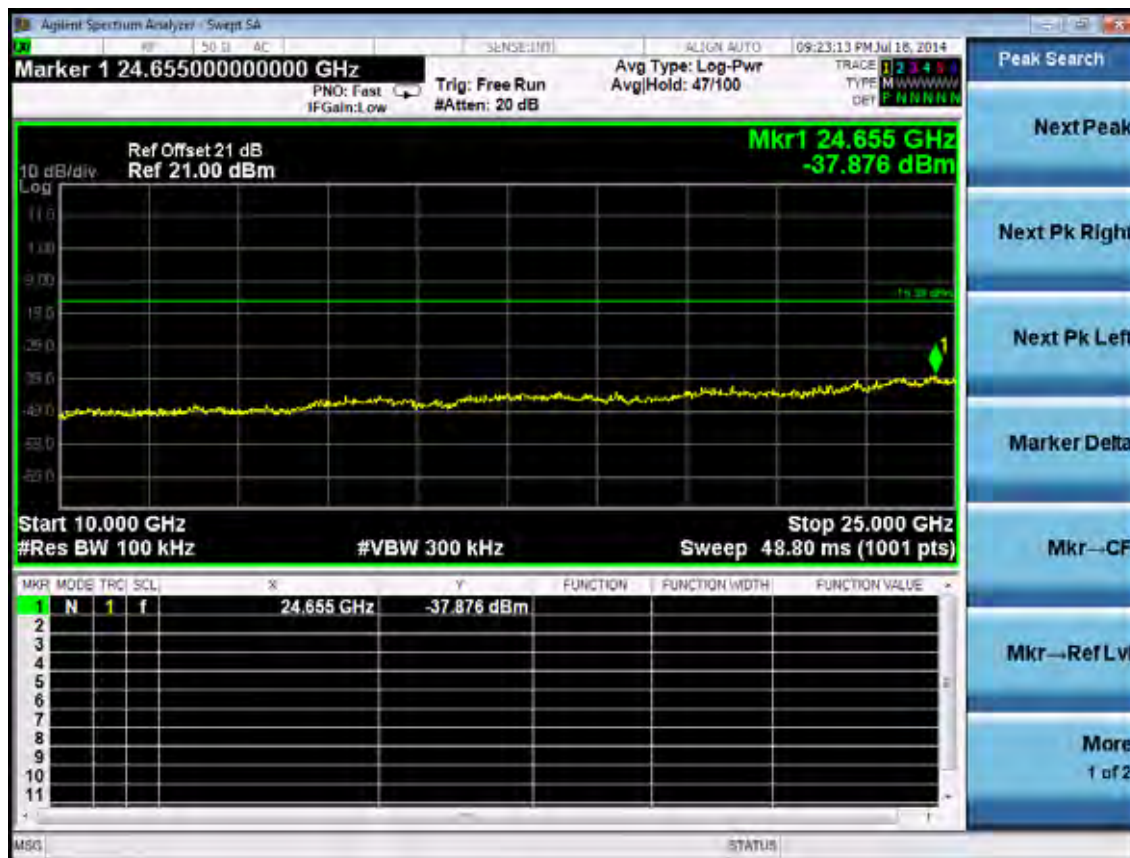
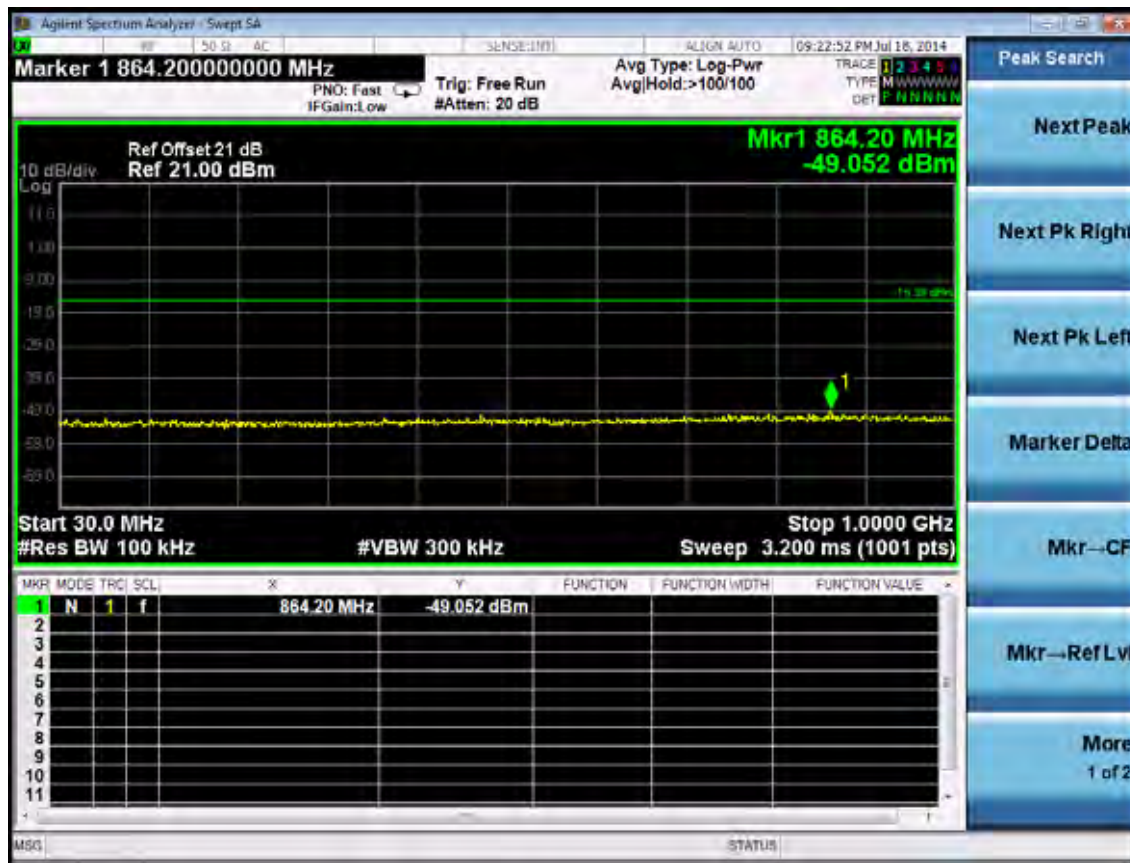
Test CH6: 2437MHz





Test CH11: 2462MHz

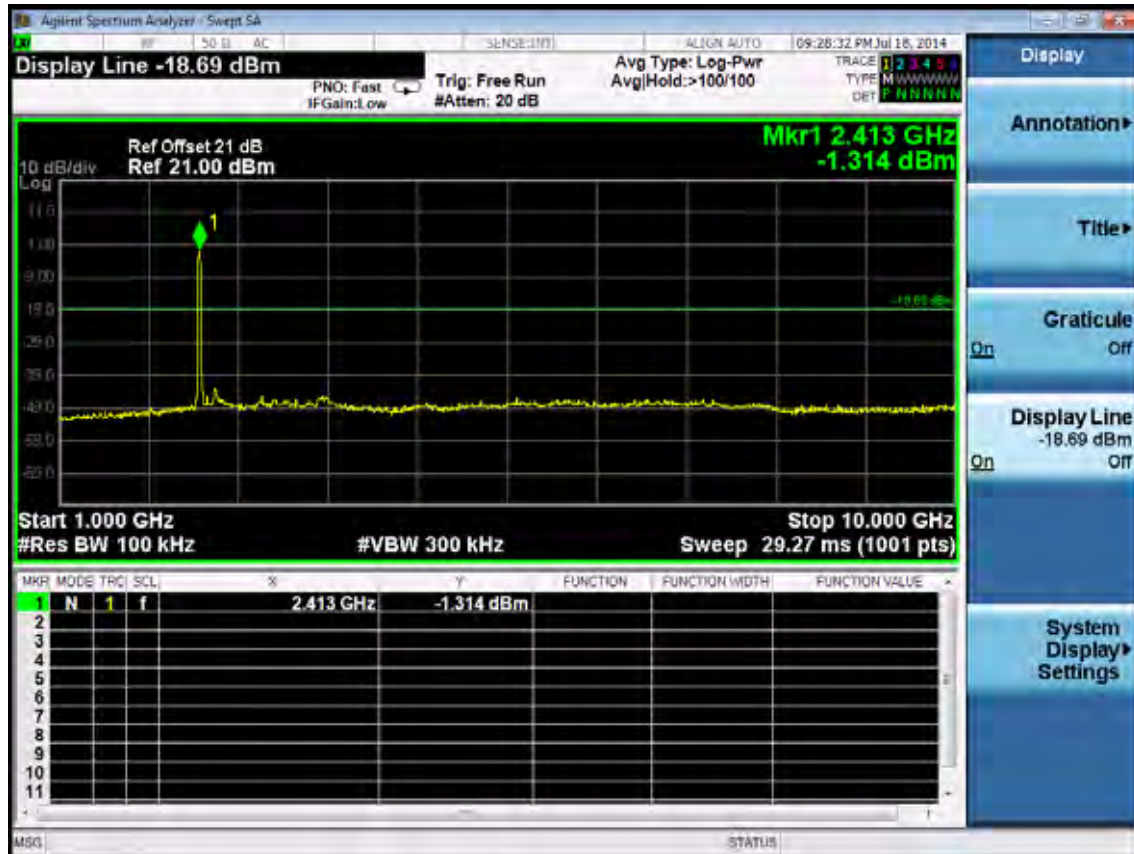


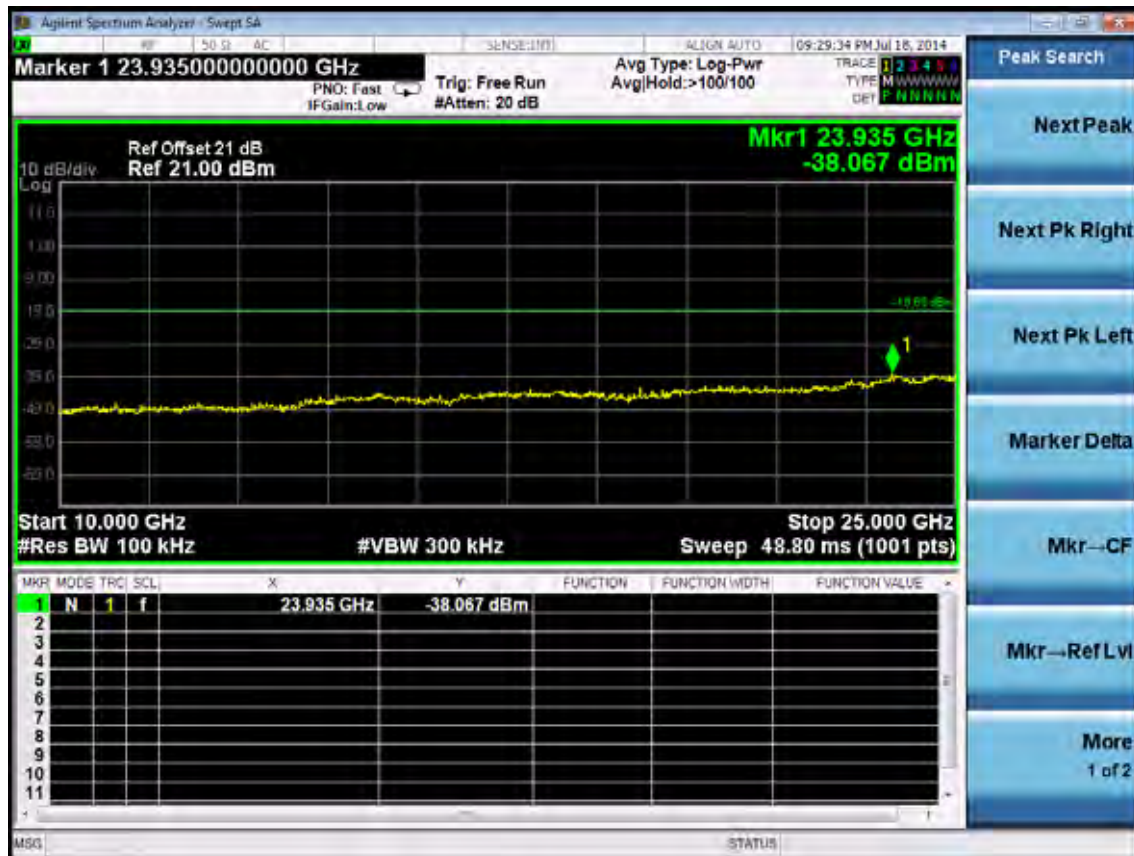
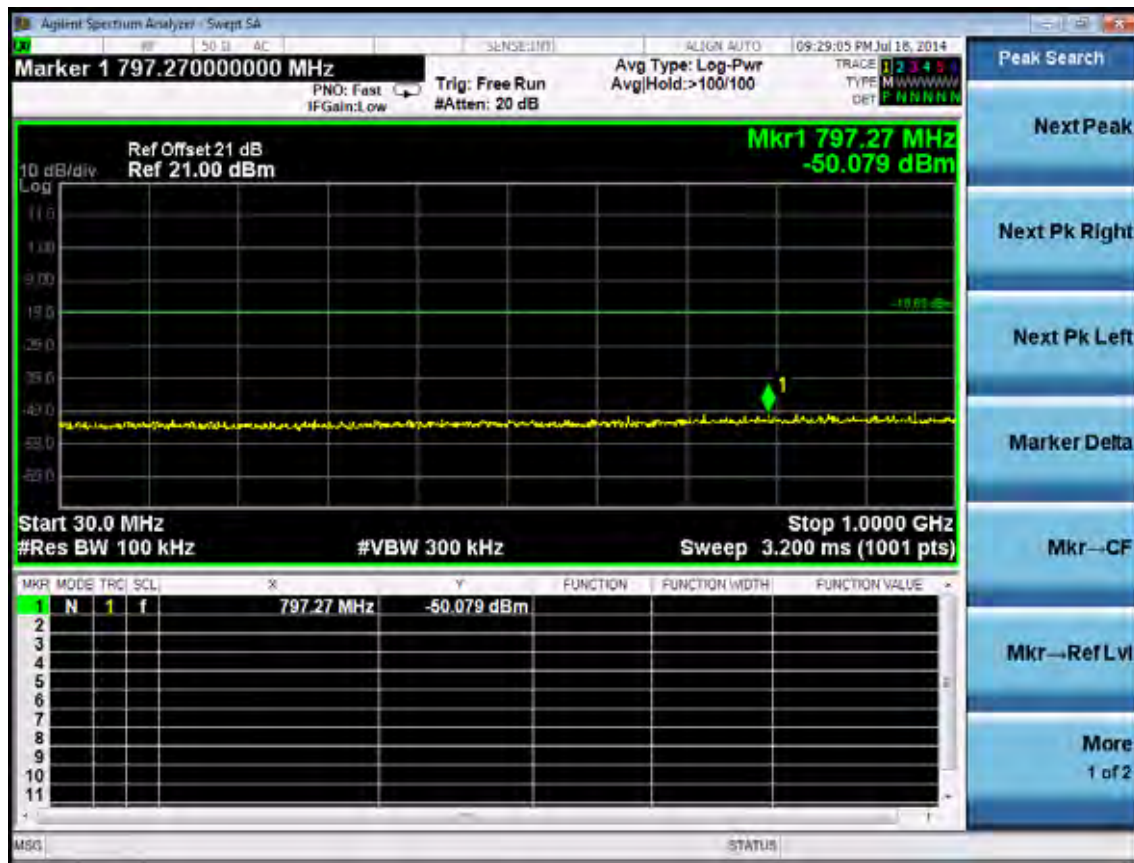




Test Mode: IEEE 802.11g TX

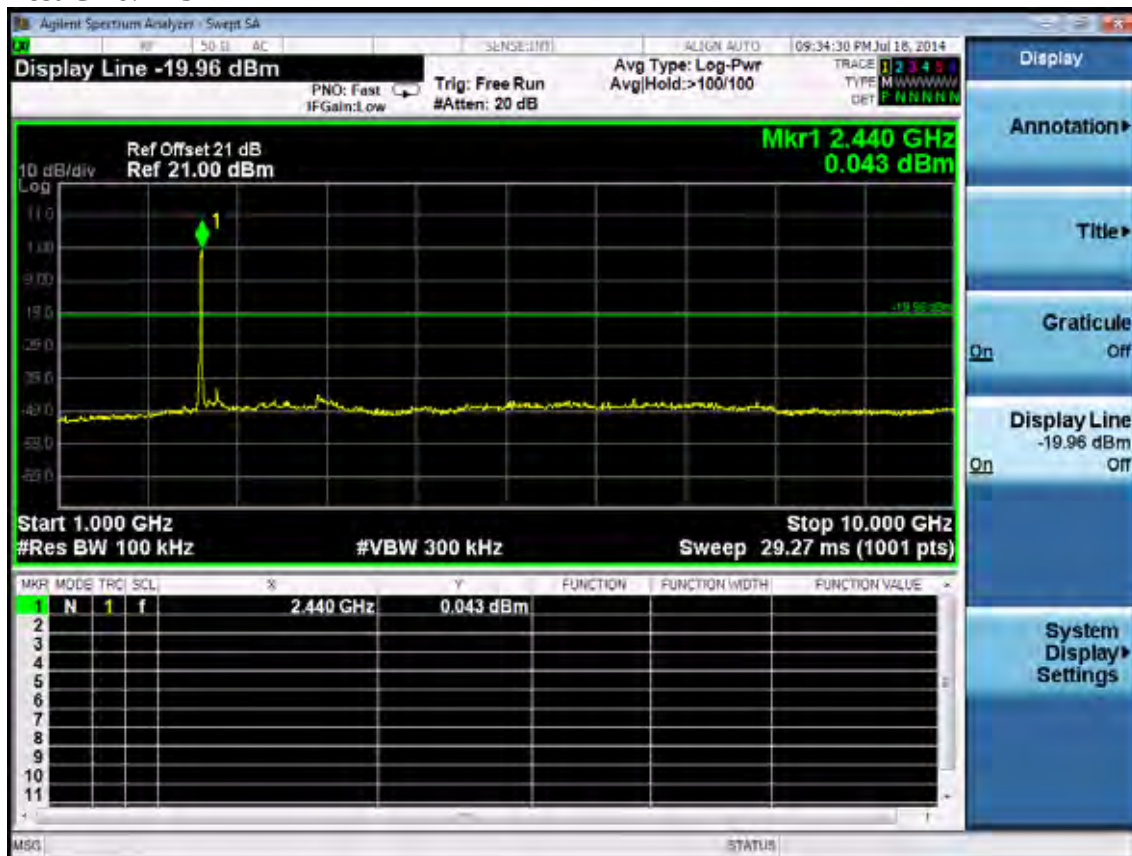
Test CH1: 2412MHz

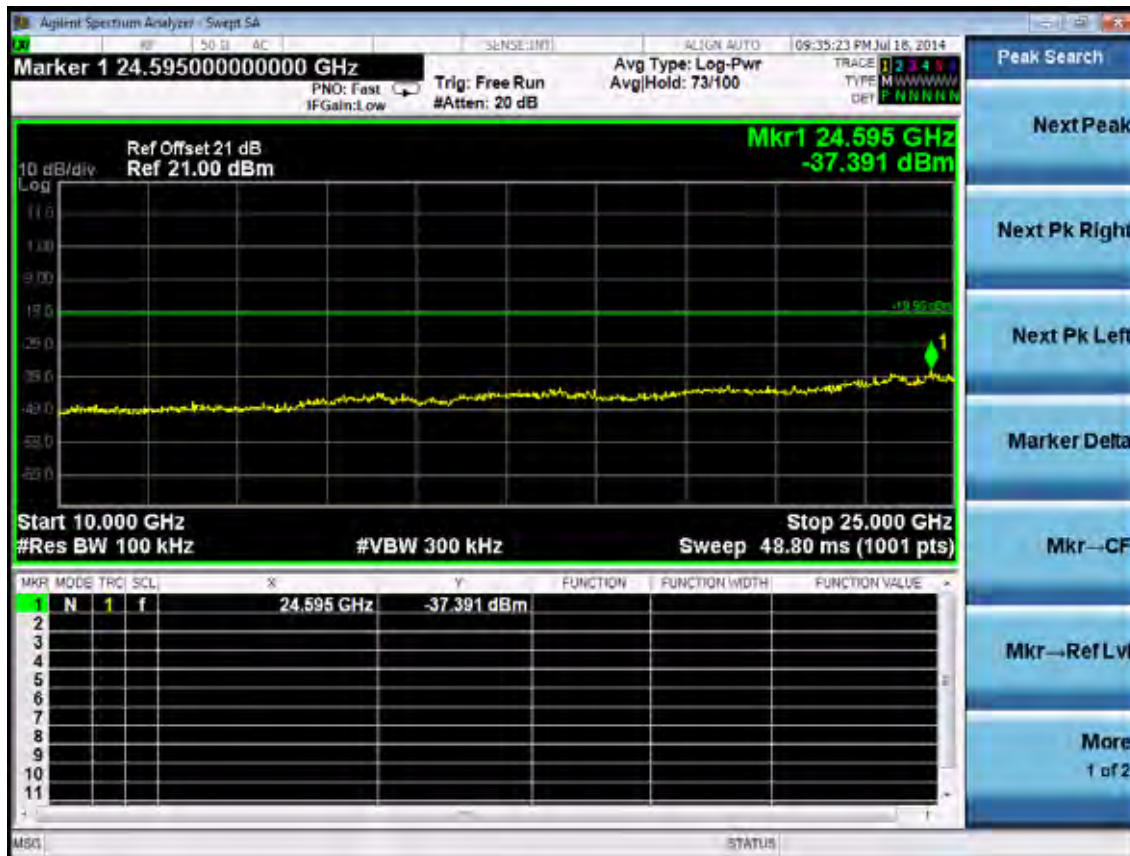
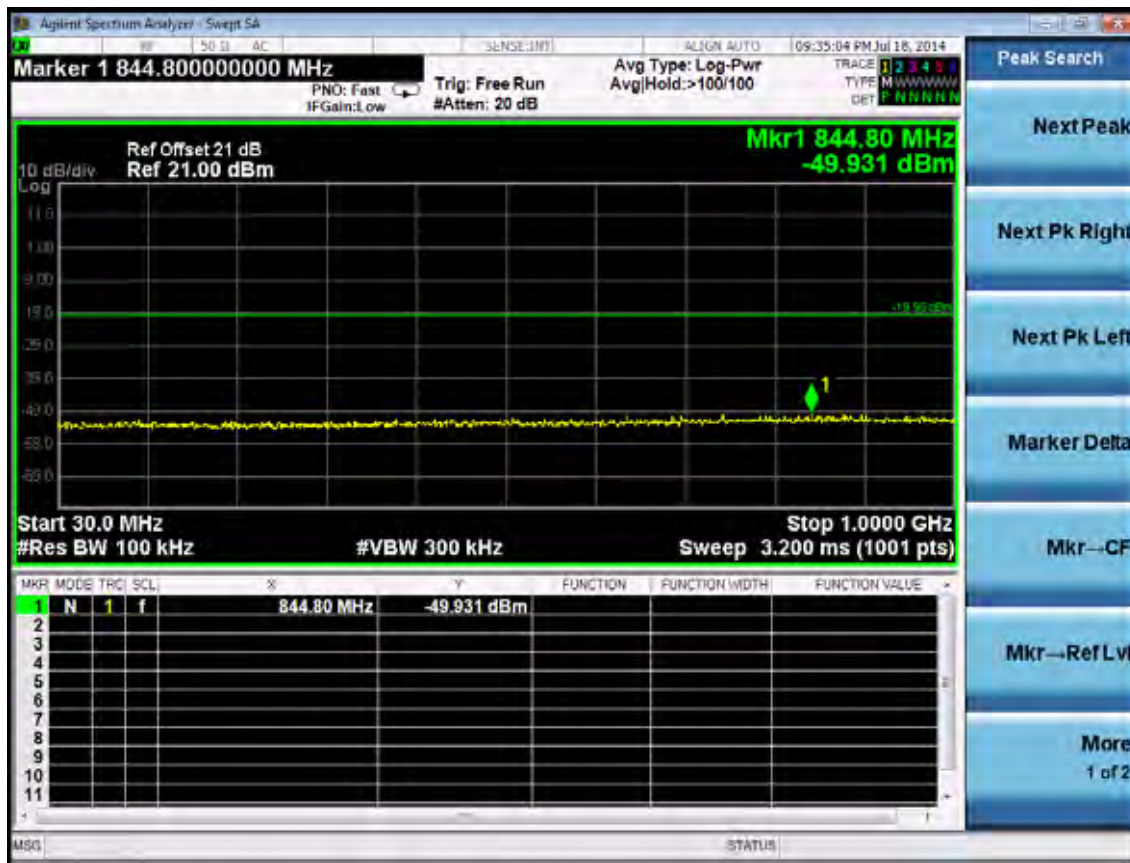




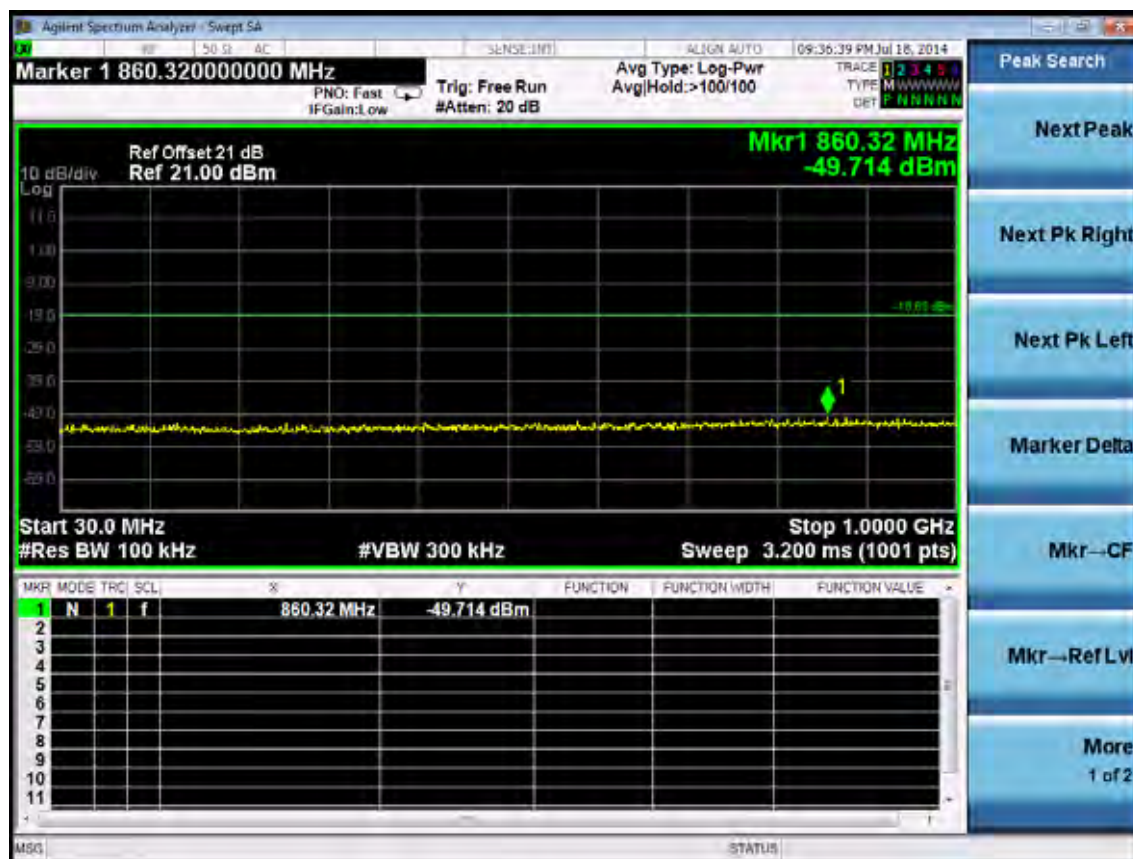
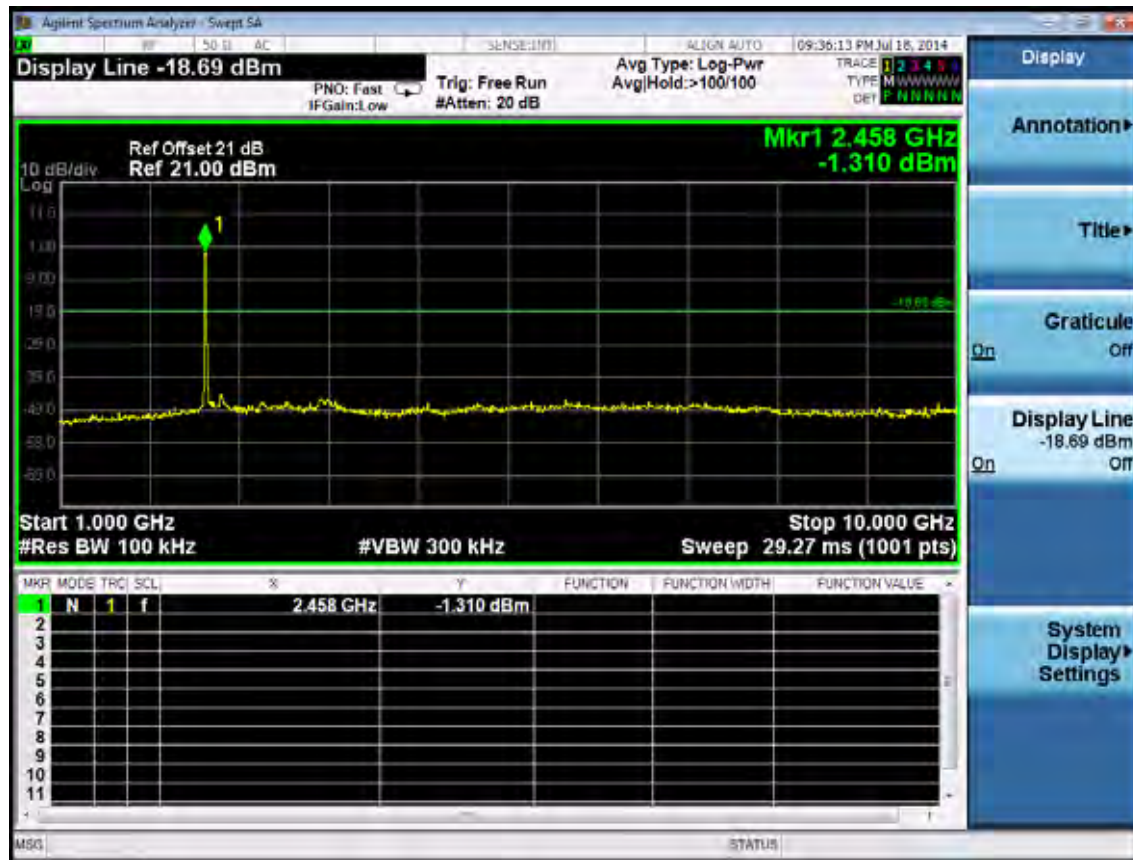


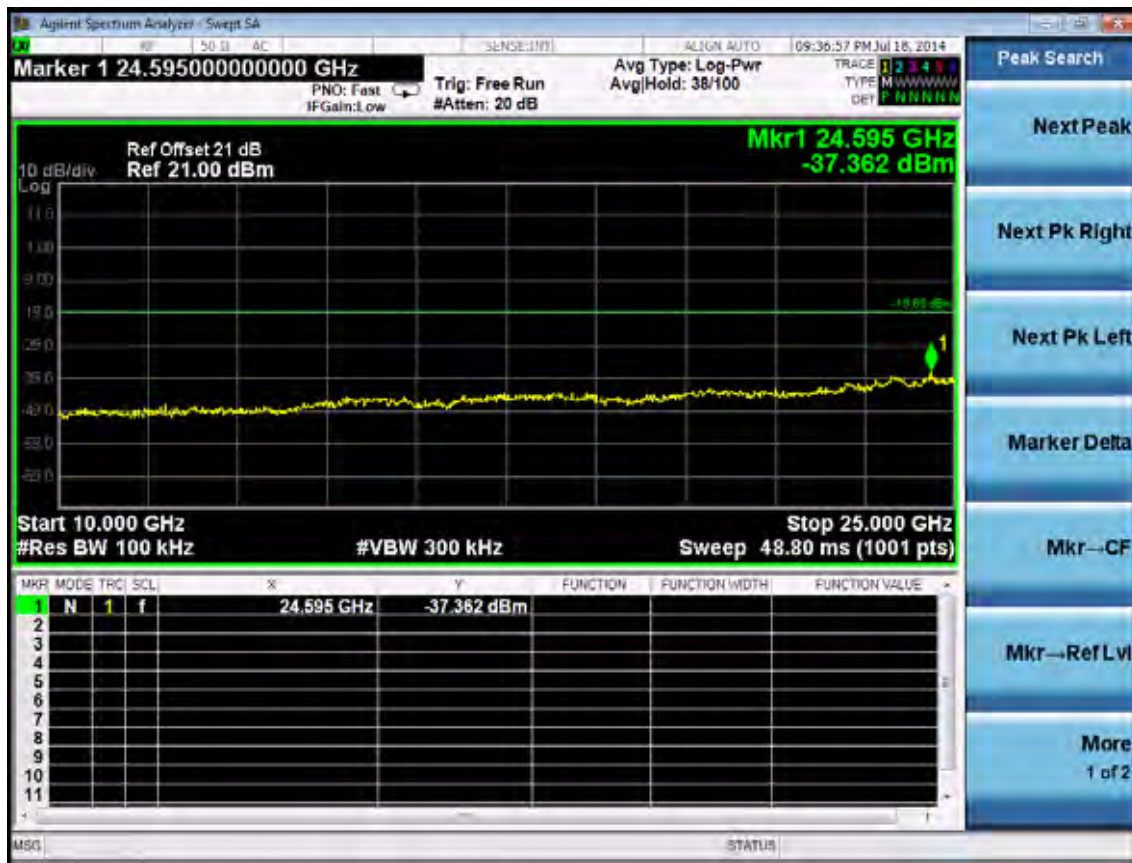
Test CH6: 2437MHz





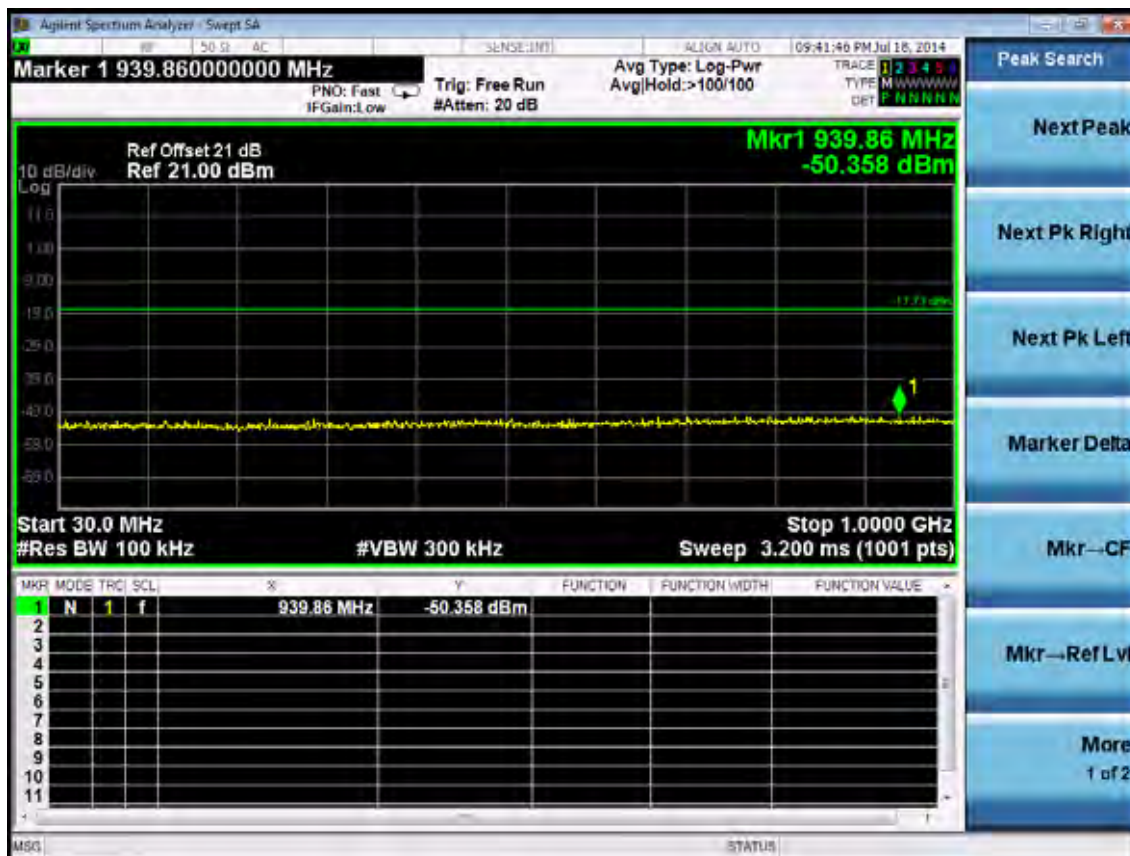
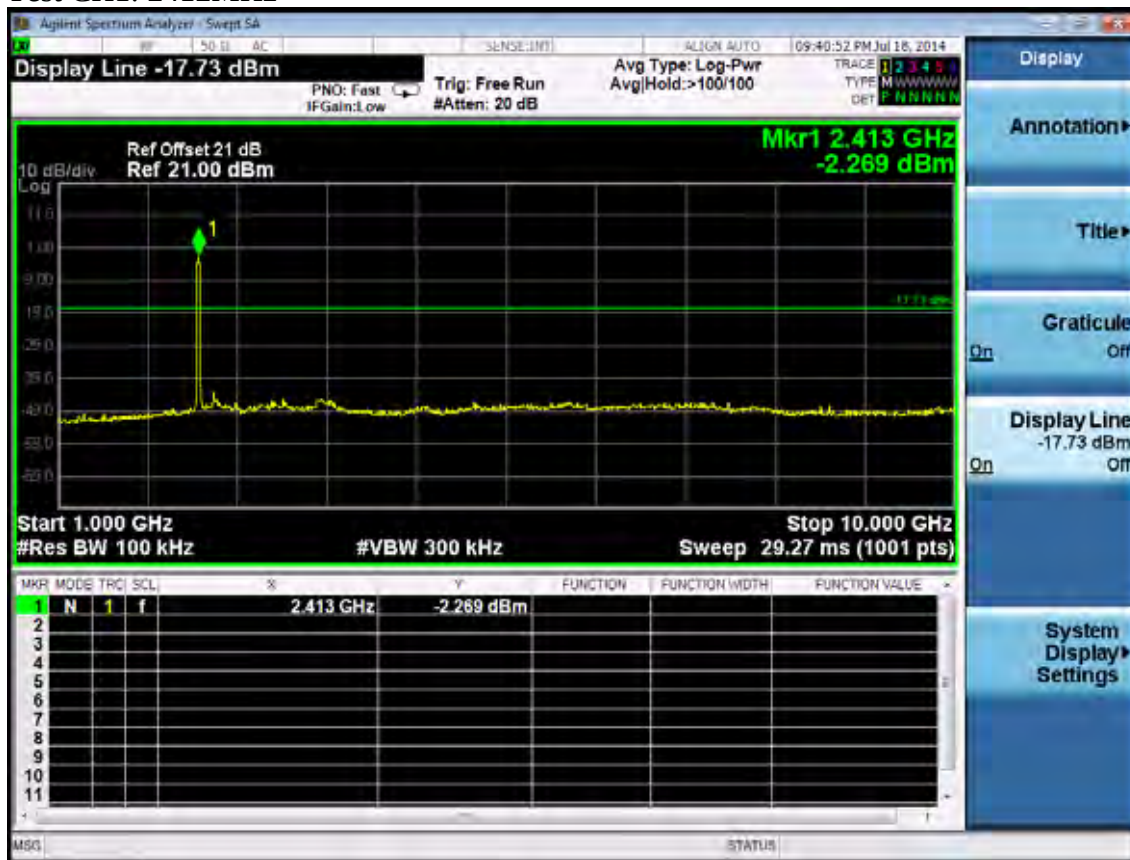
Test CH11: 2462MHz

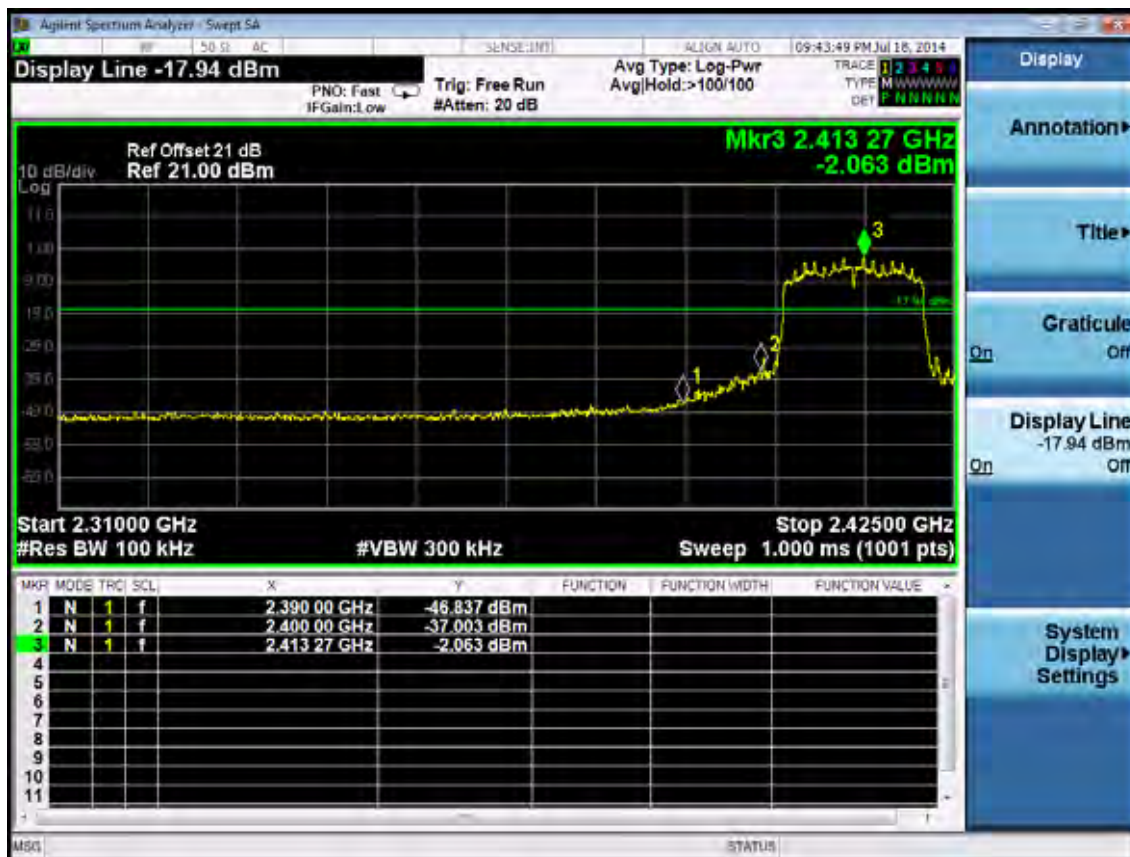
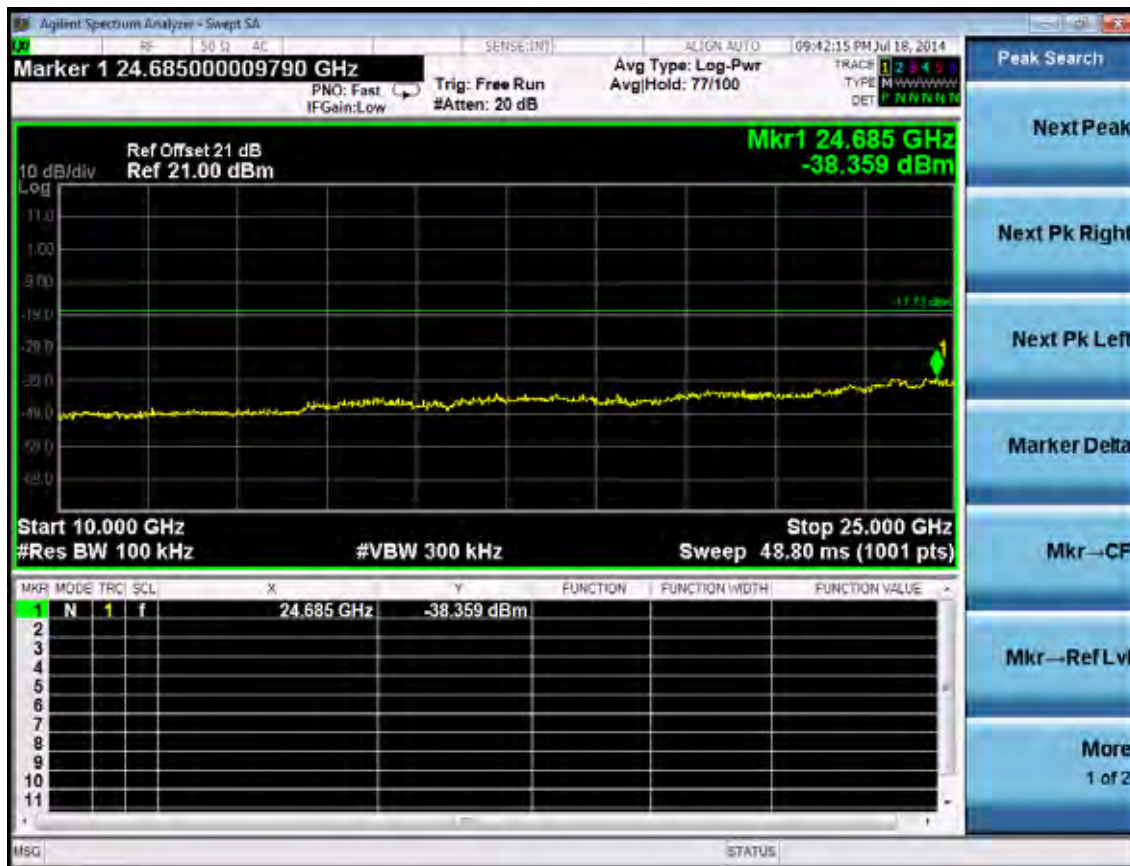




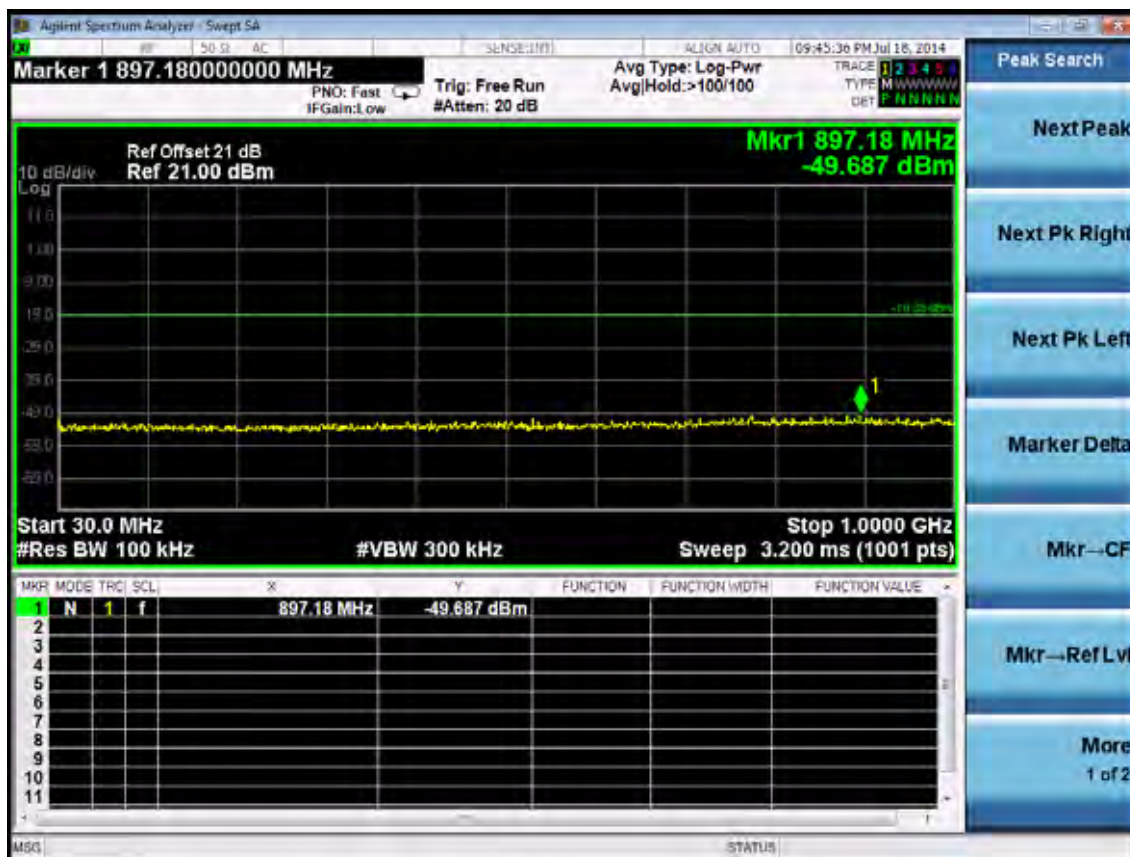
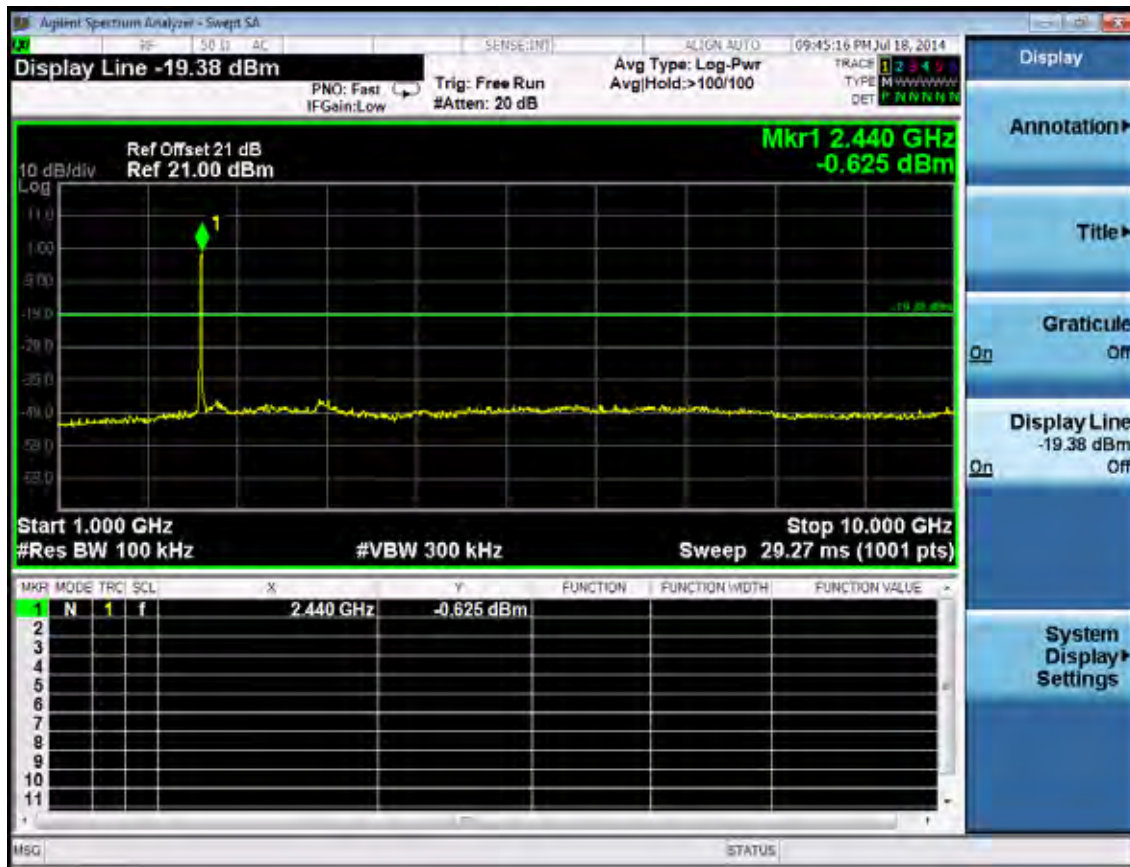
Test Mode: IEEE 802.11n HT20 TX

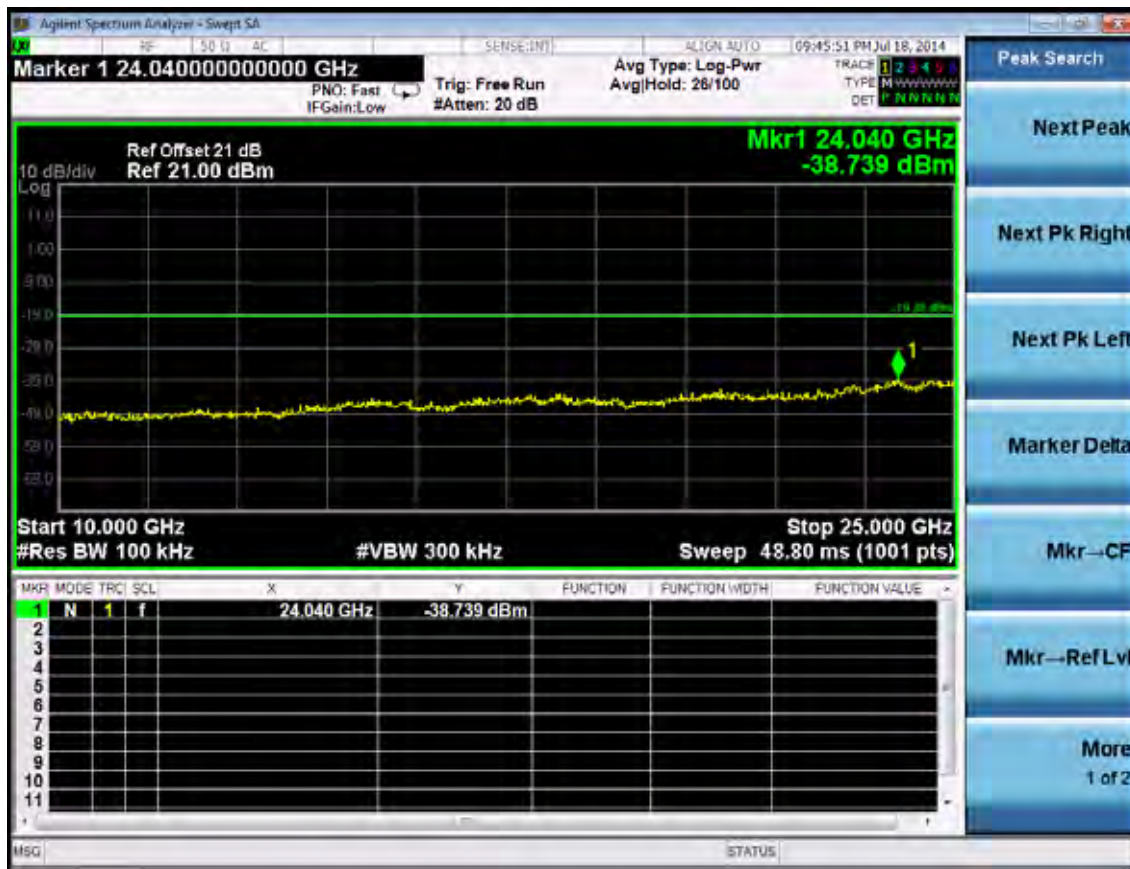
Test CH1: 2412MHz



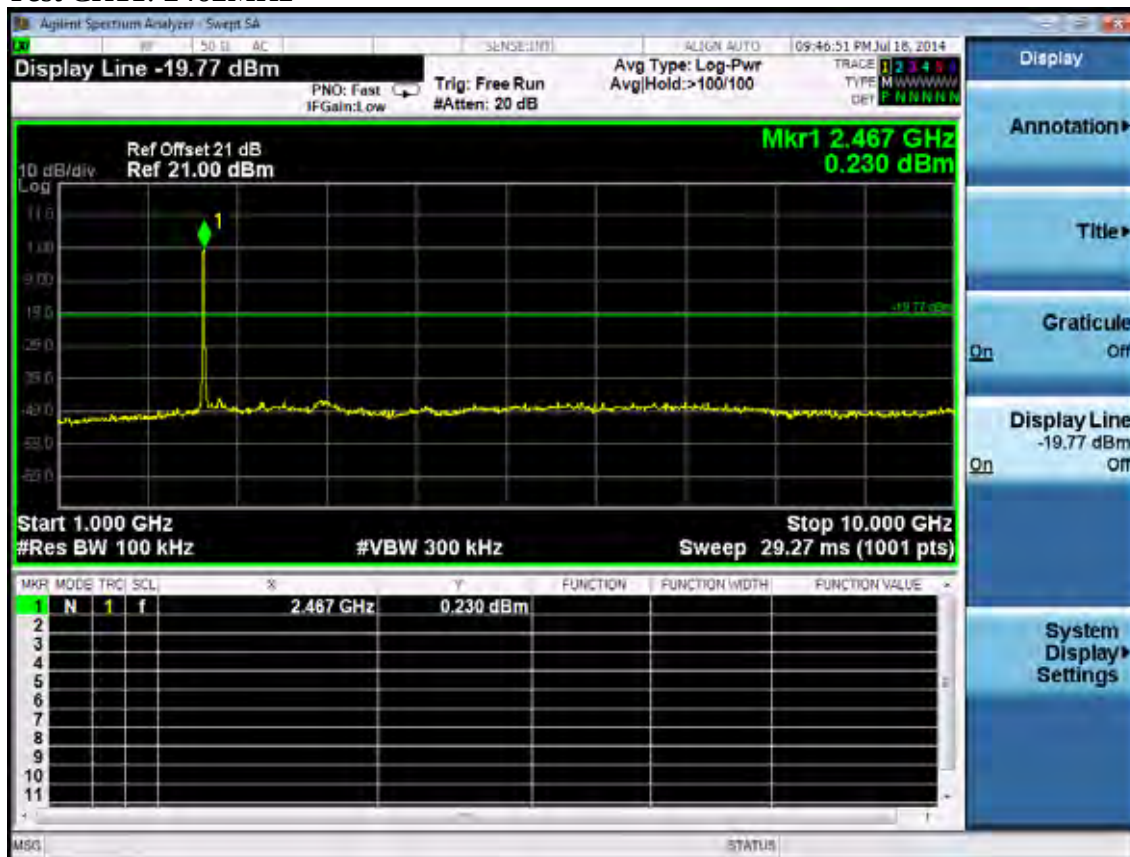


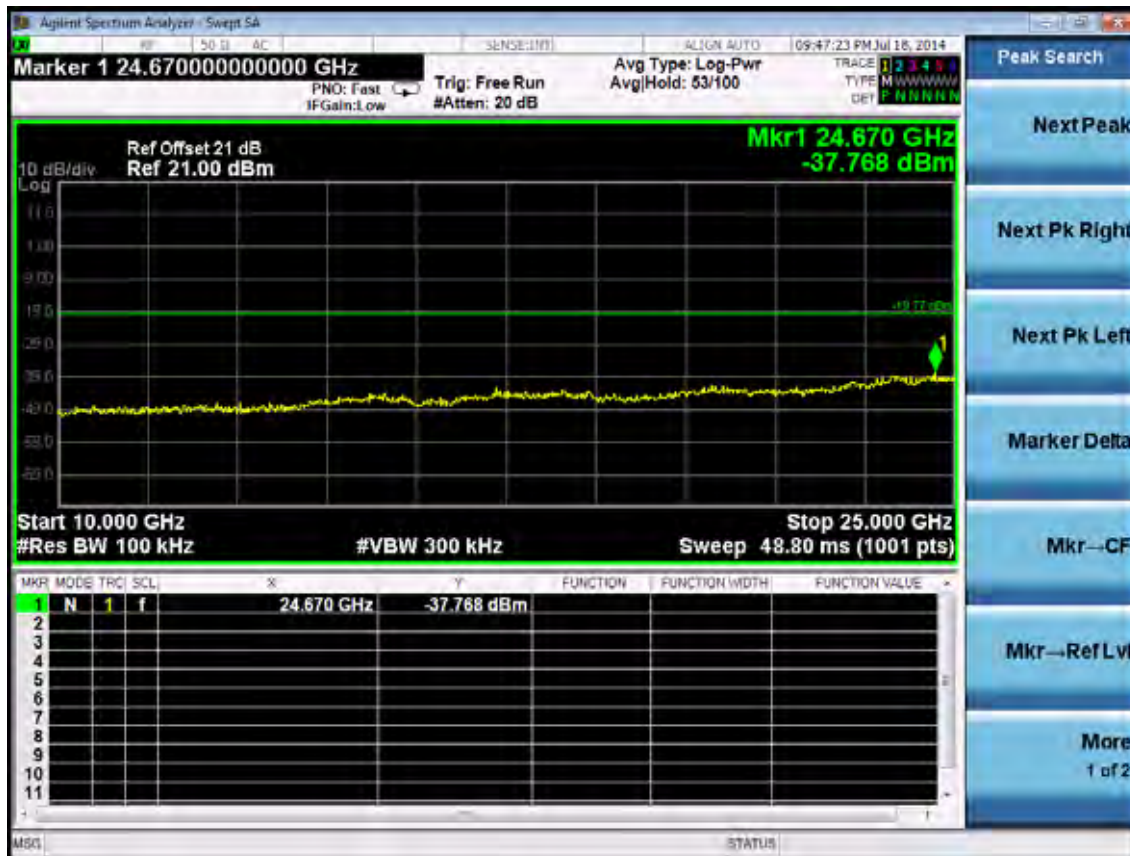
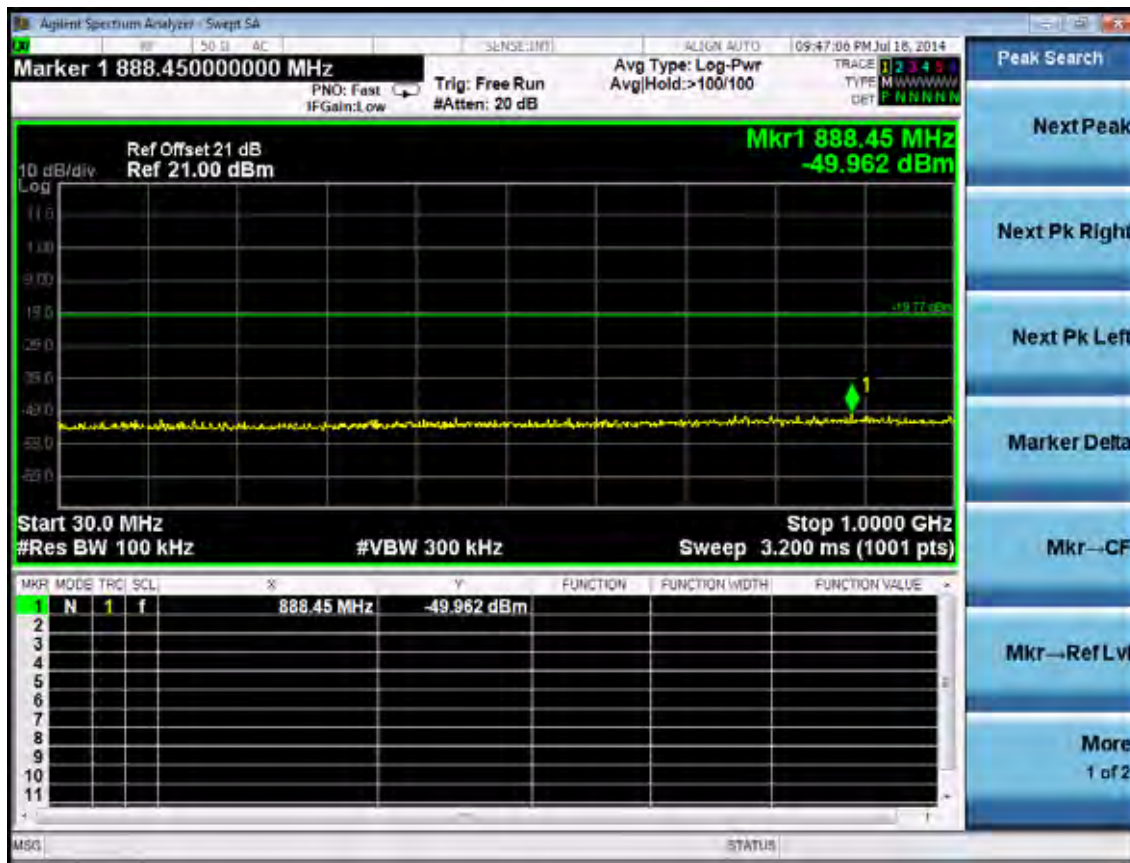
Test CH6: 2437MHz





Test CH11: 2462MHz



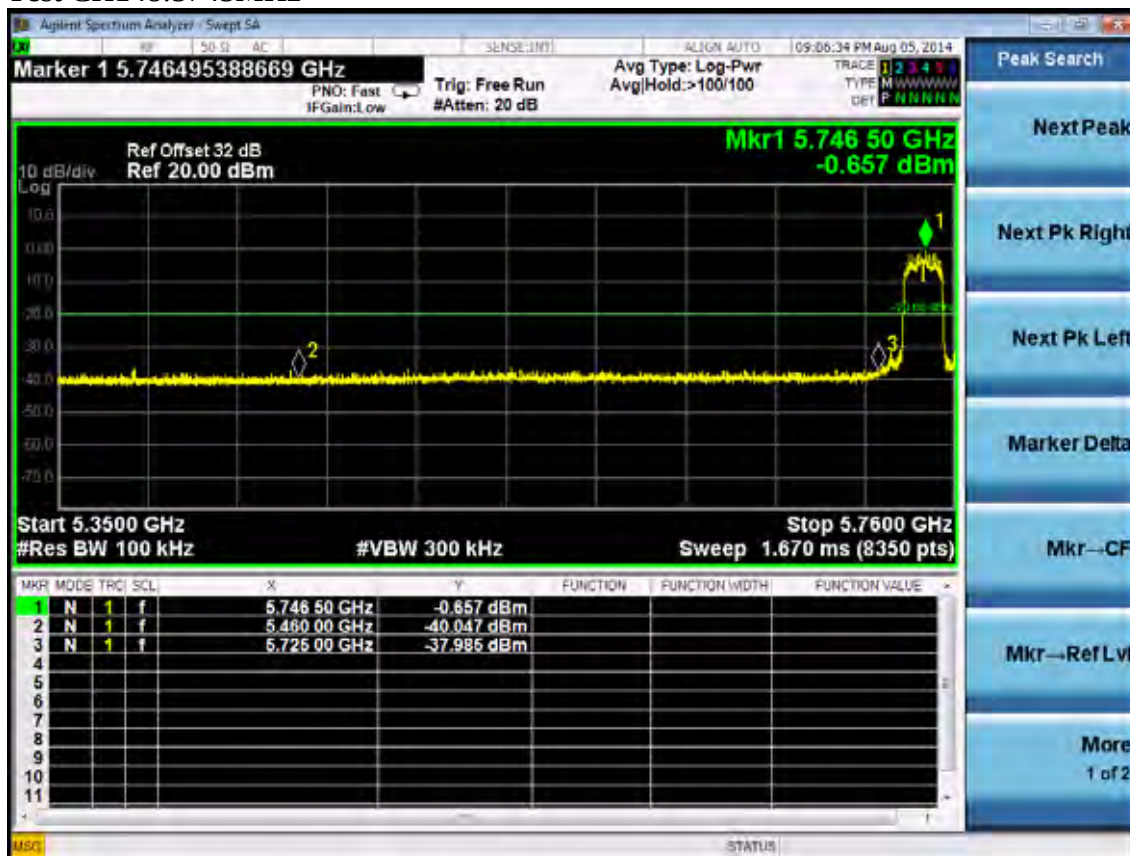


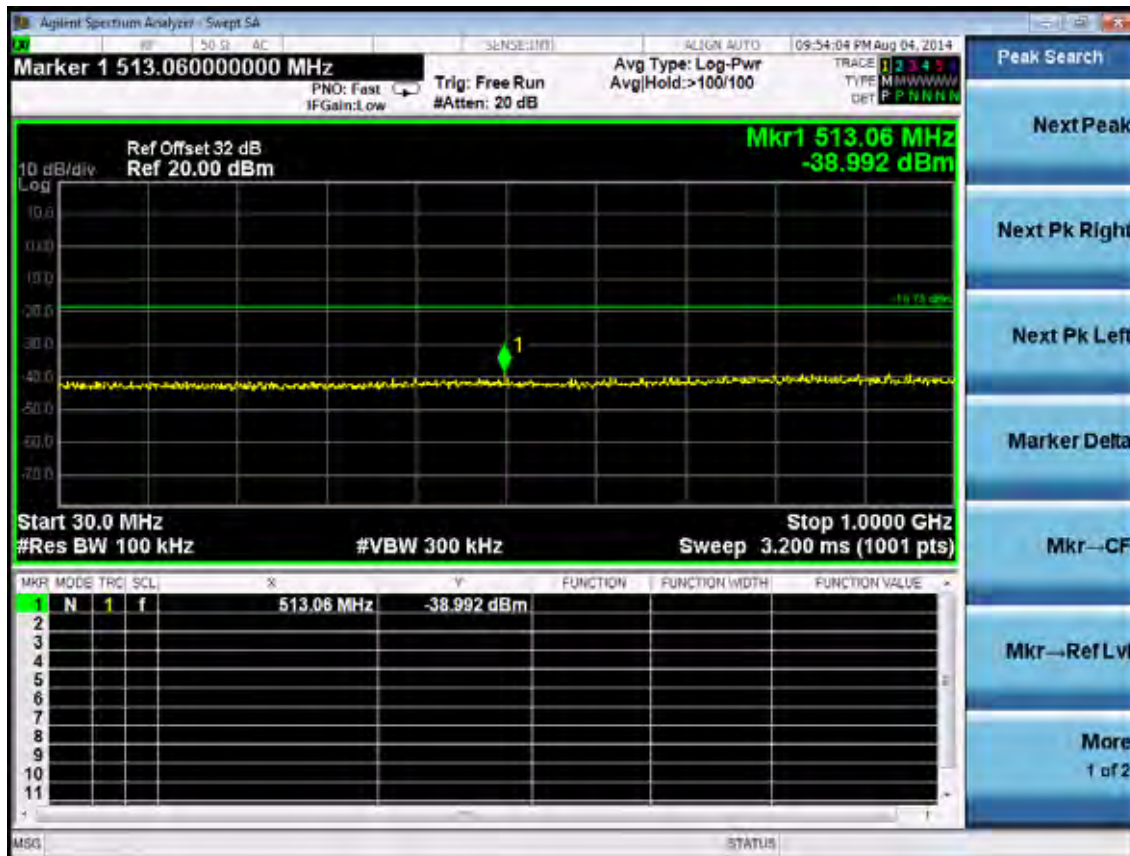
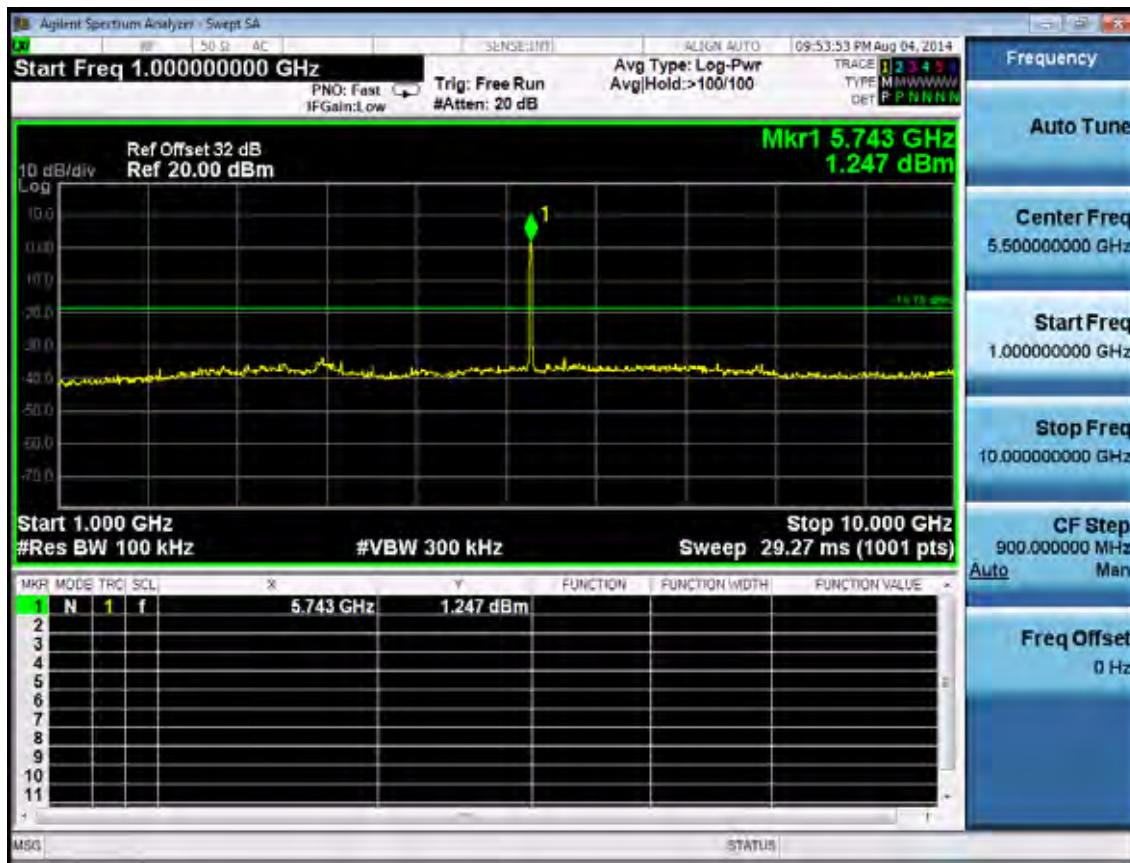


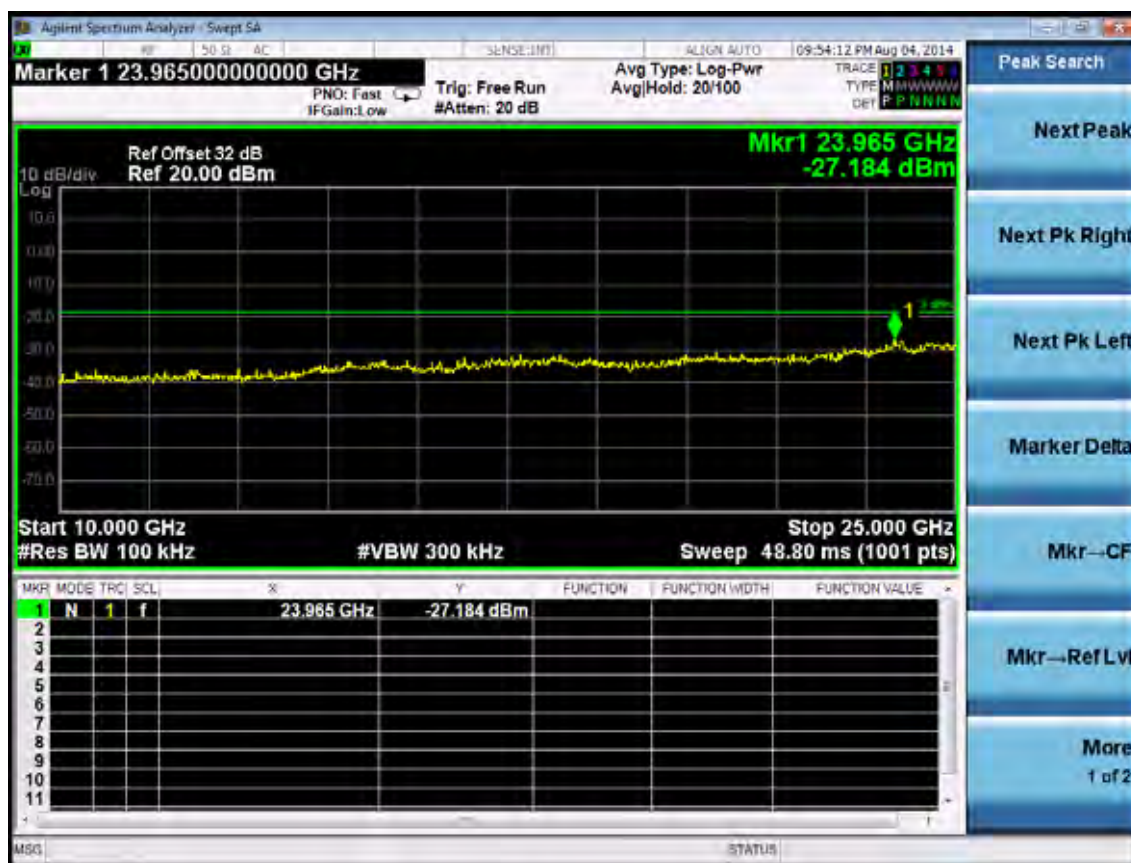
#### UNII Band 4:

Test Mode: IEEE 802.11a TX

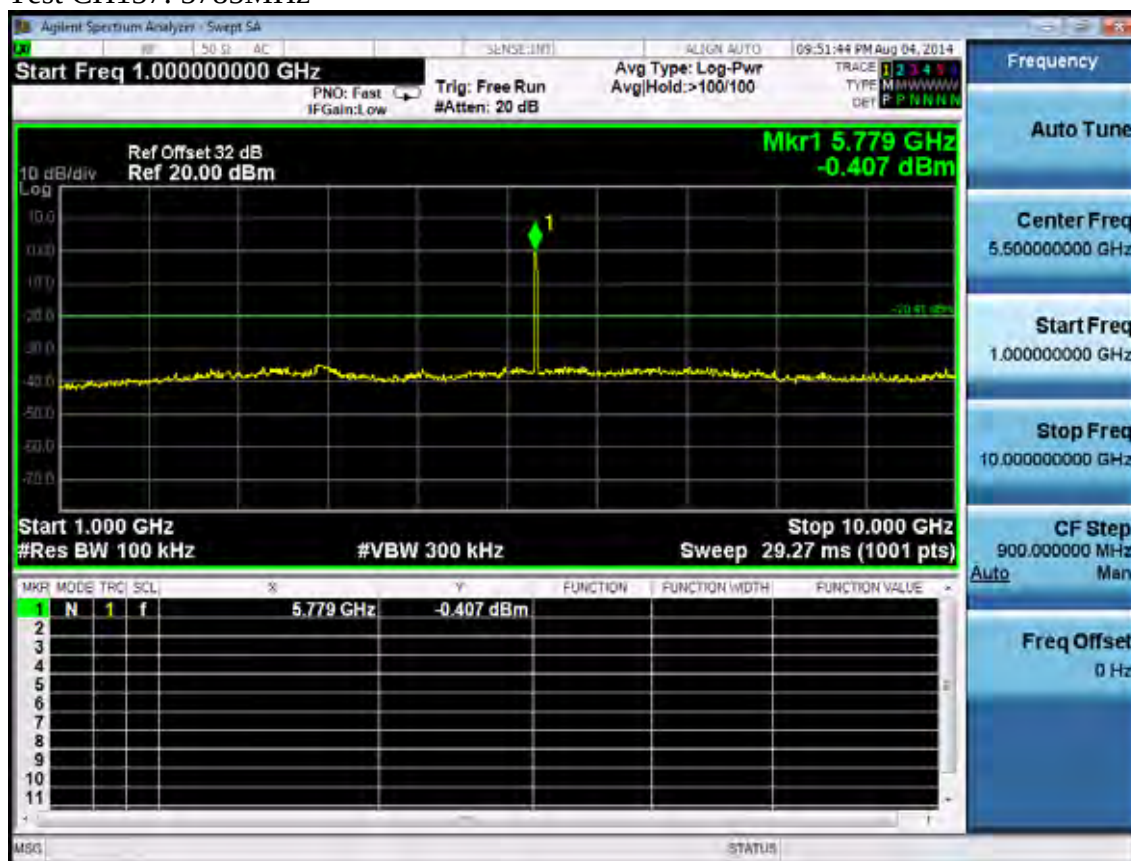
Test CH148:5745MHz

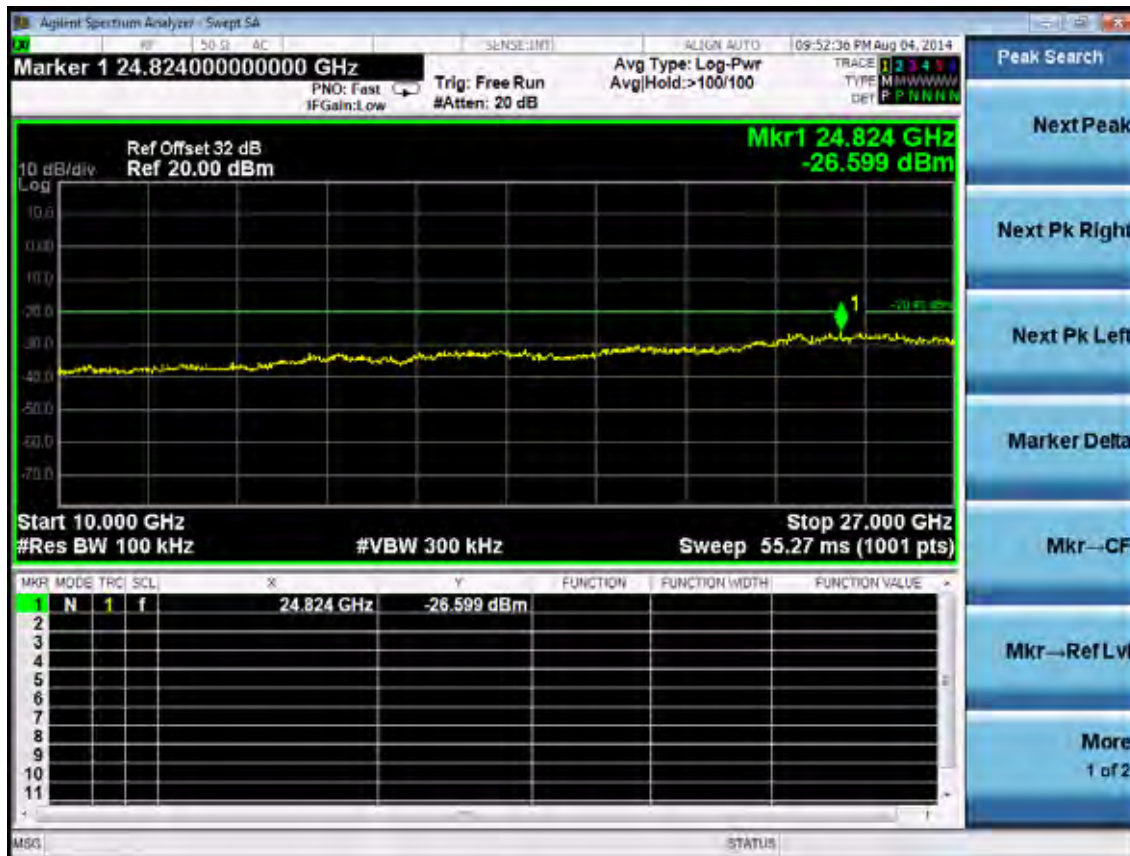
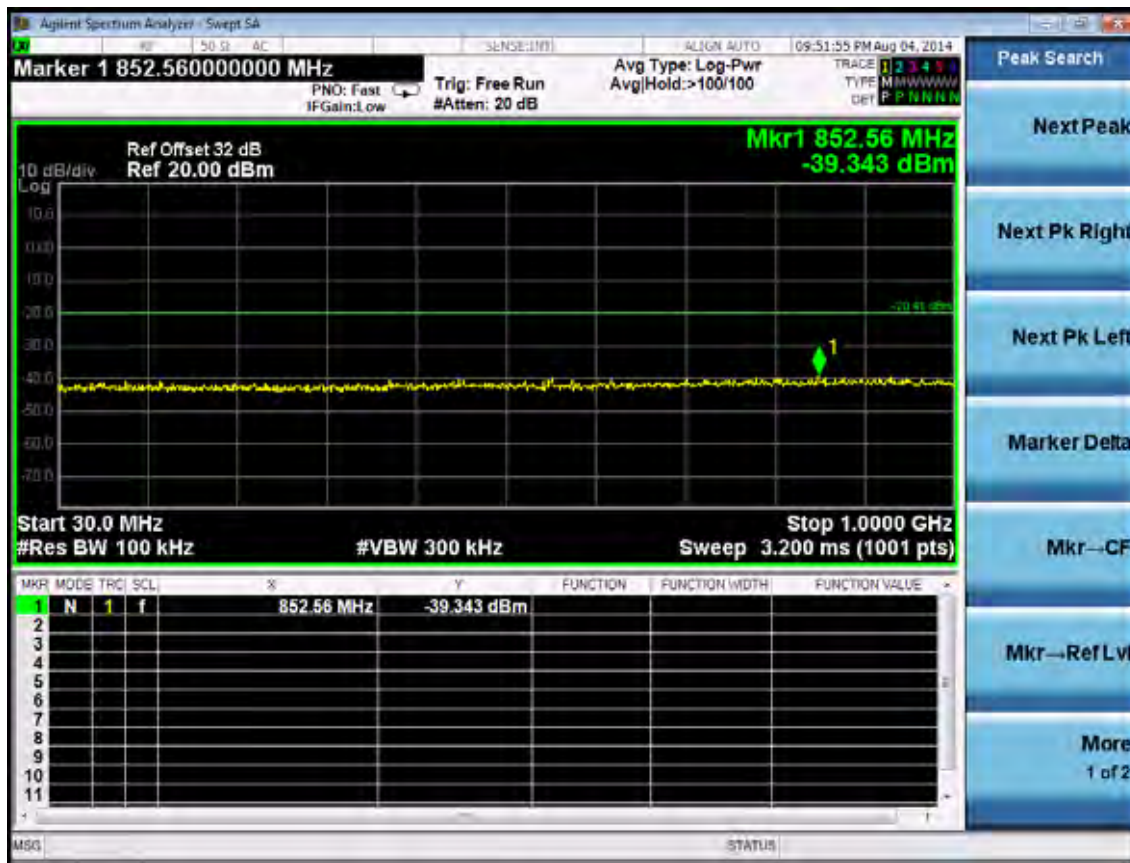




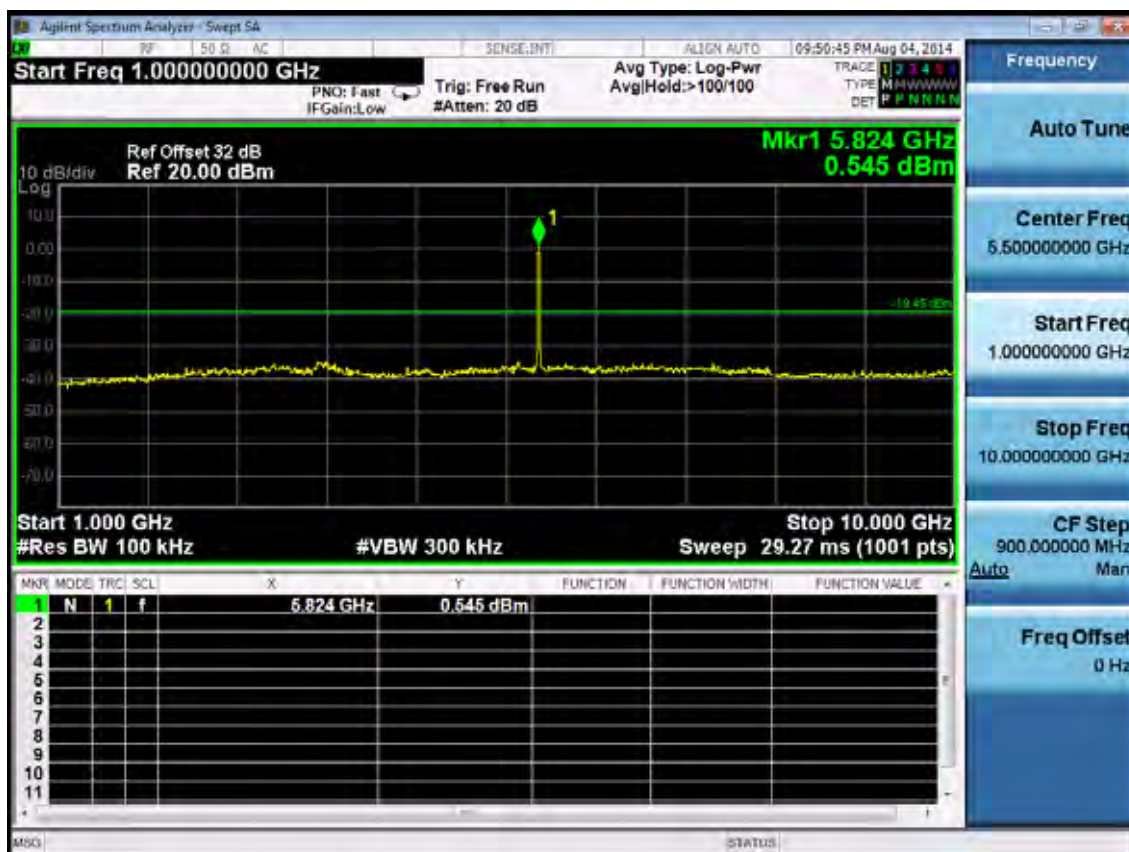
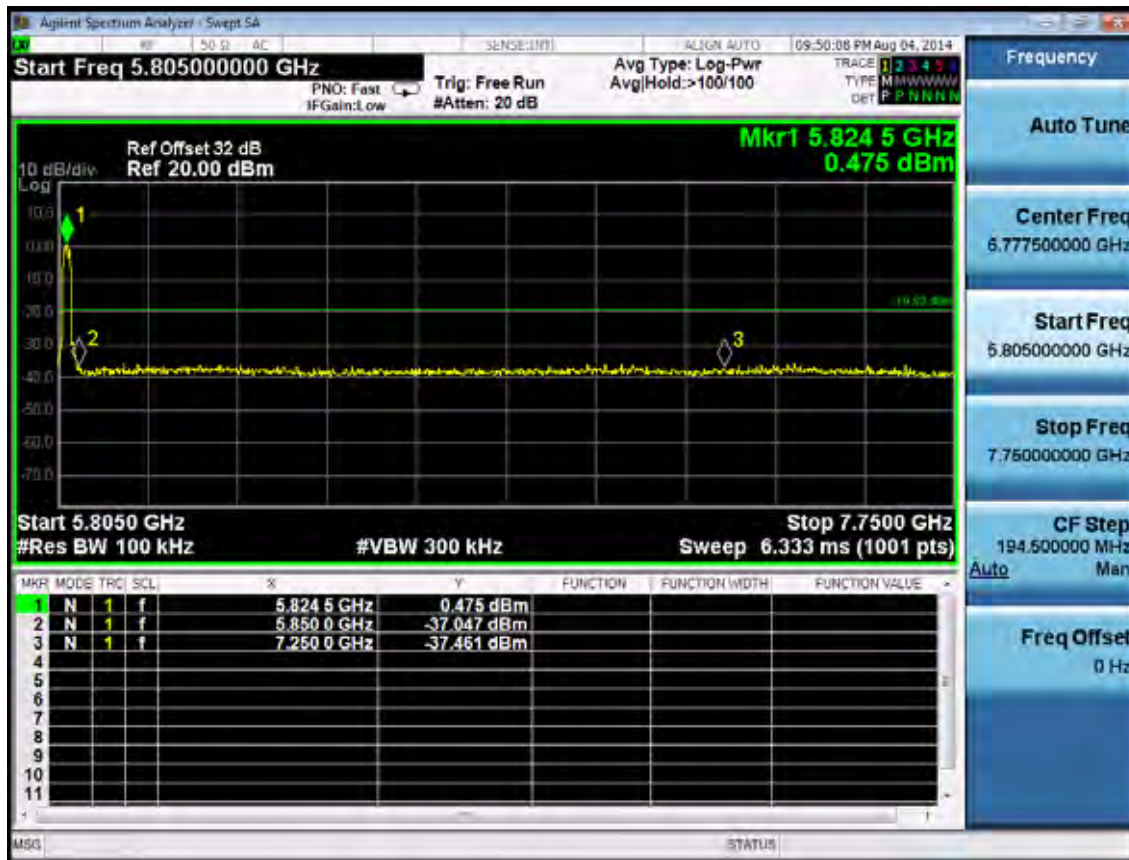


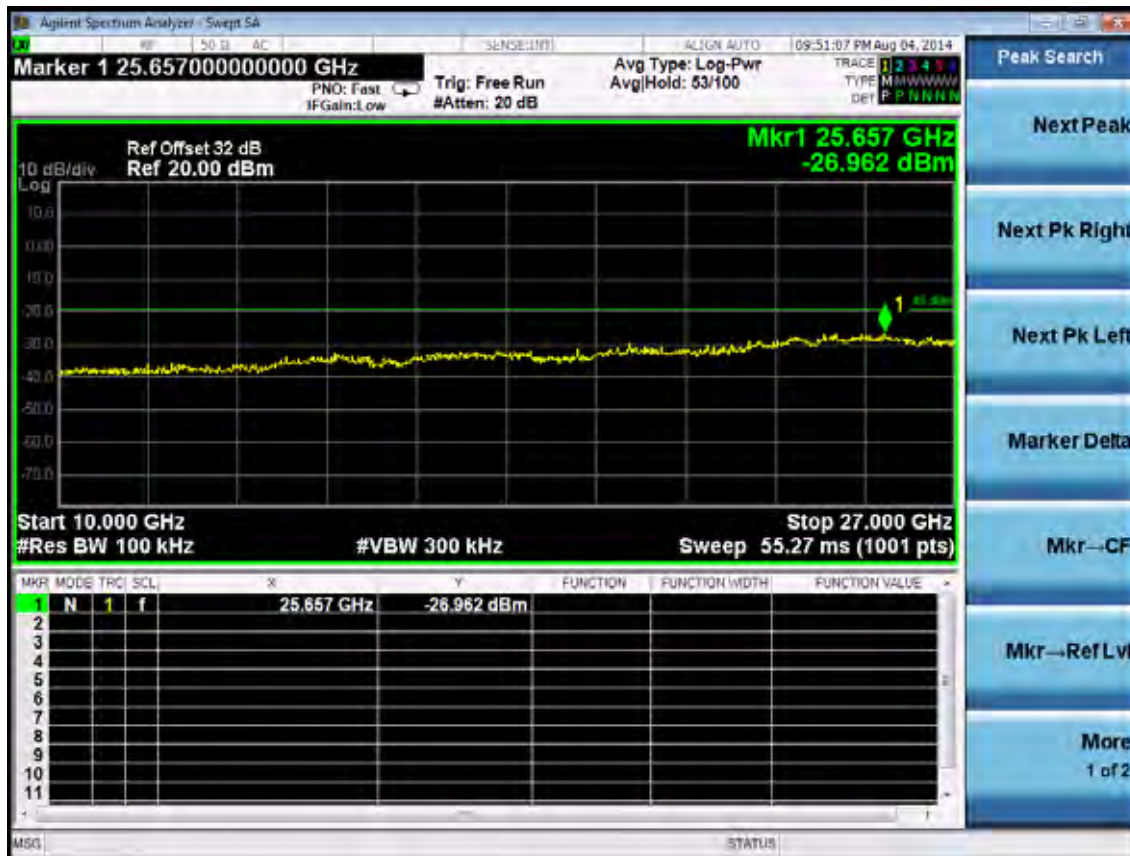
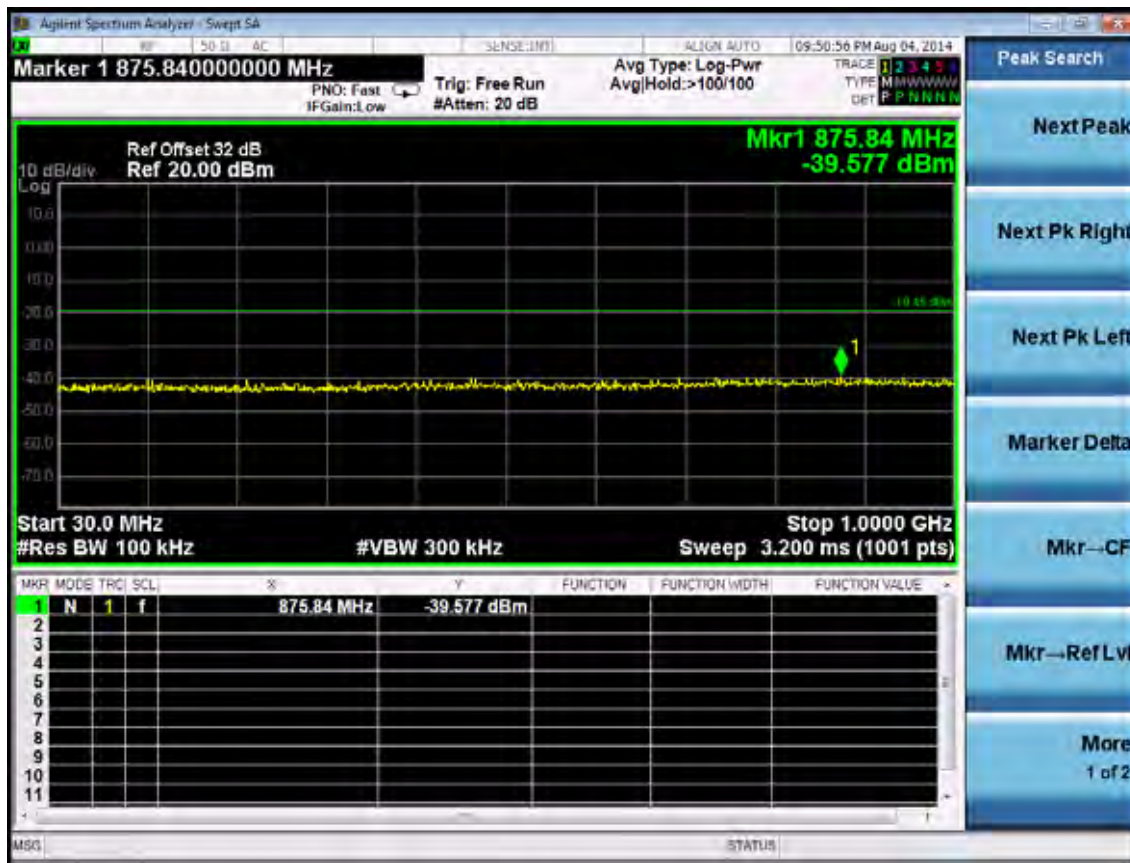
Test CH157: 5785MHz





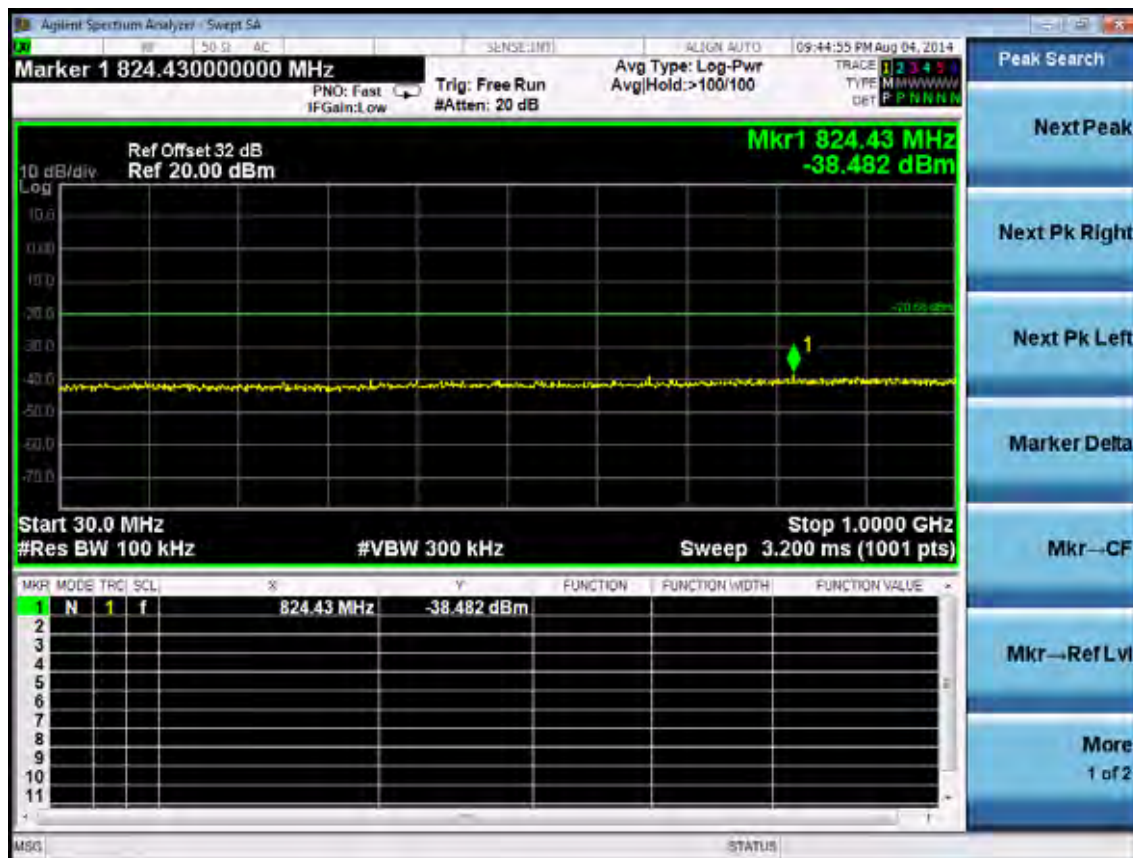
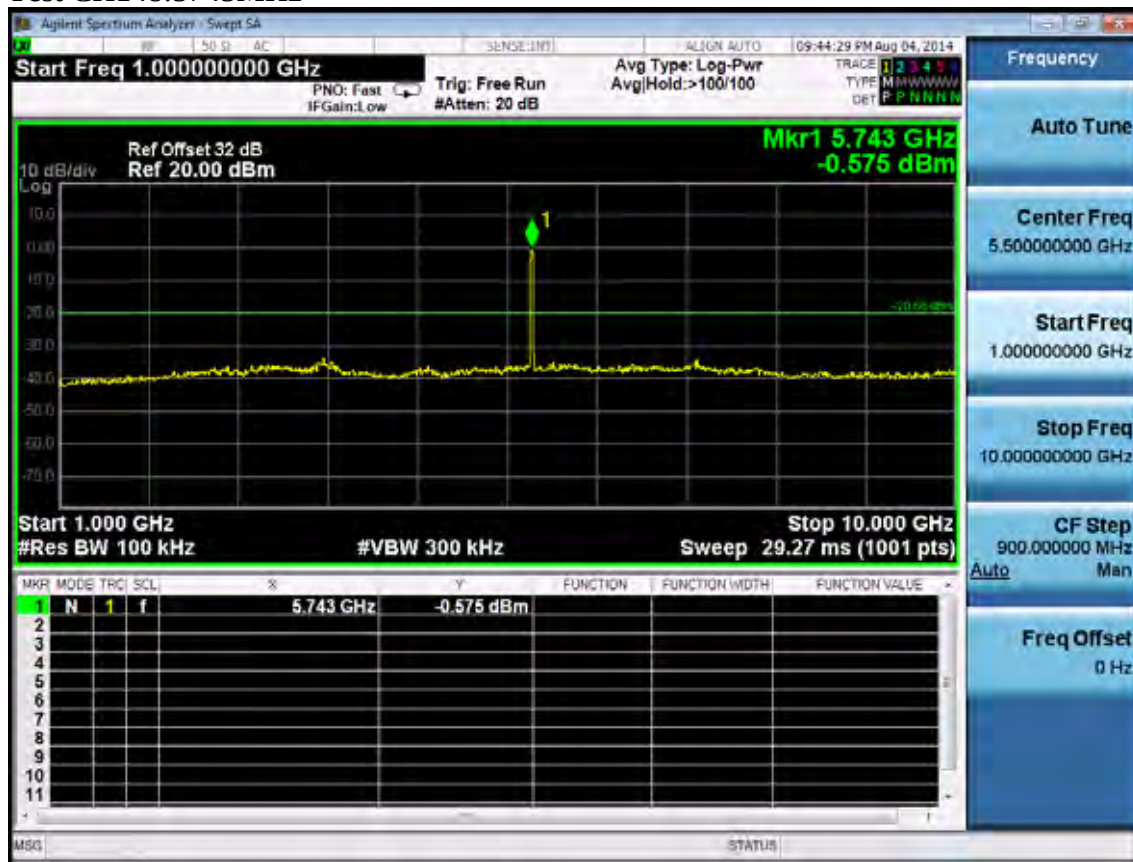
### Test CH165: 5825MHz

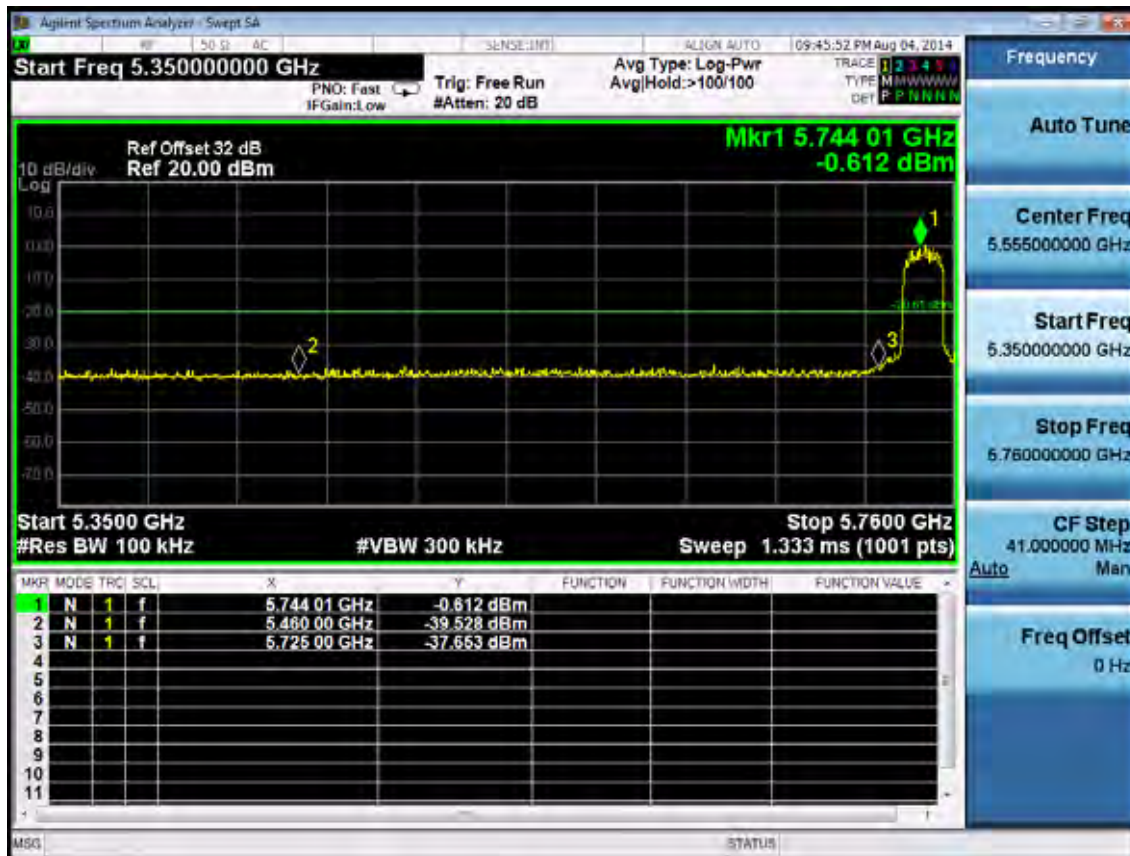
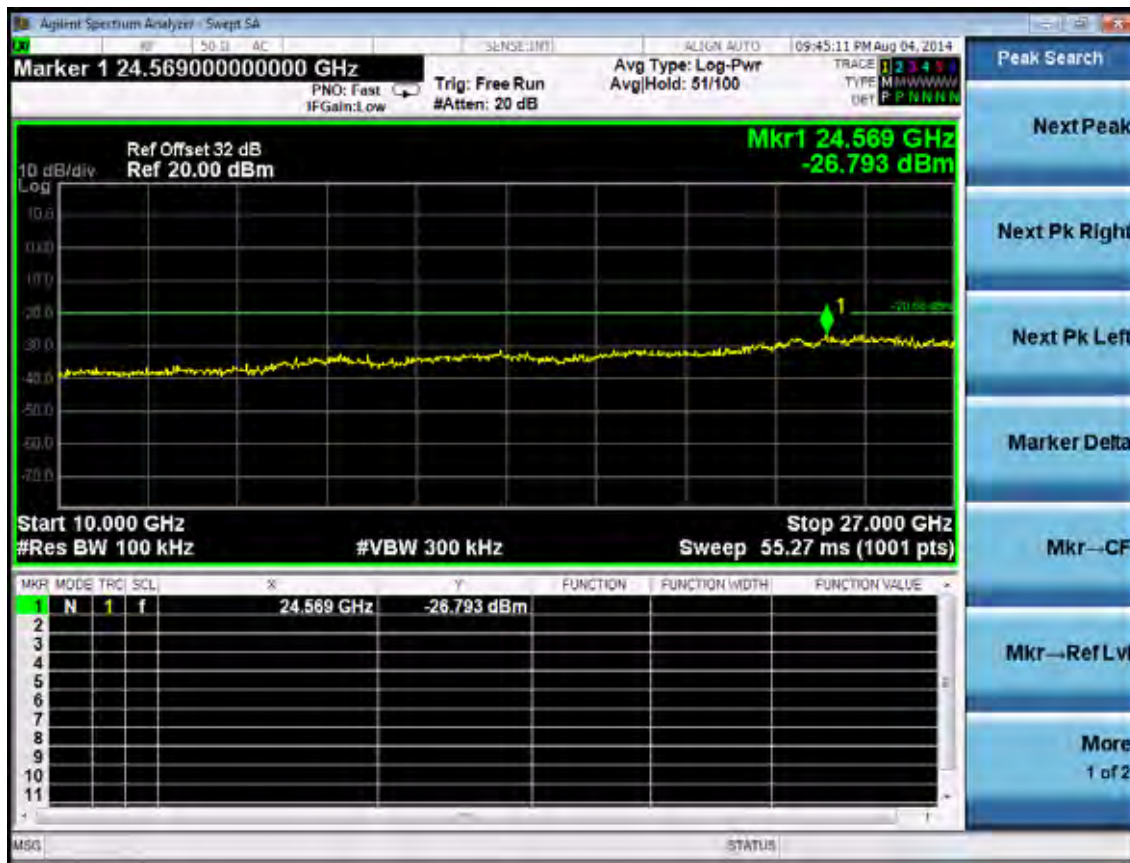




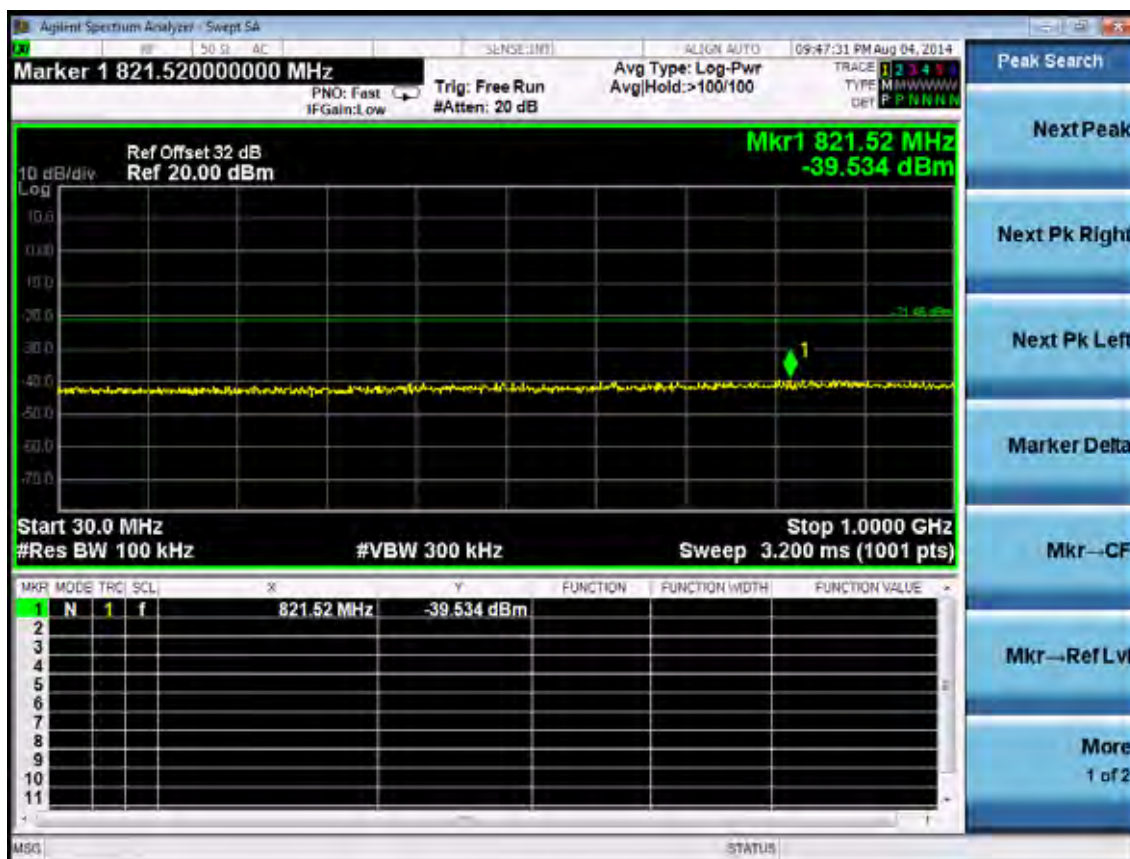
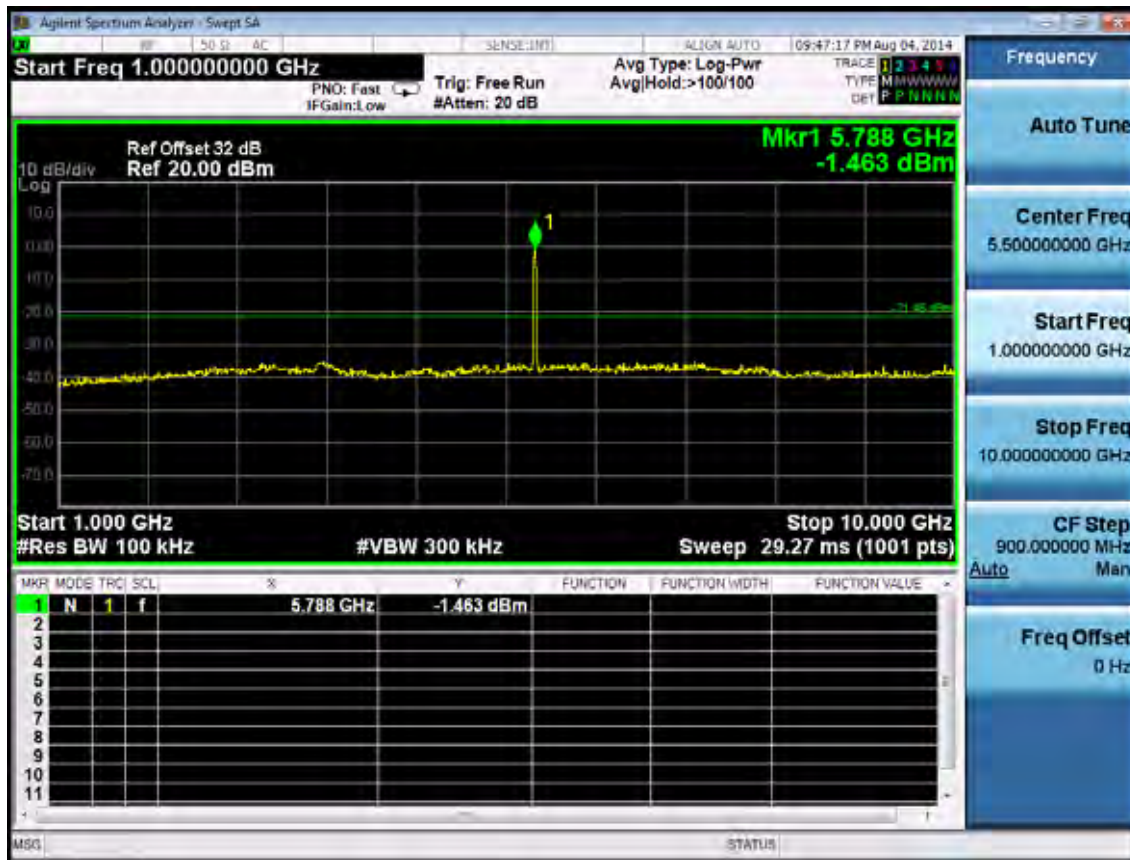
Test Mode: IEEE 802.11n HT20 TX

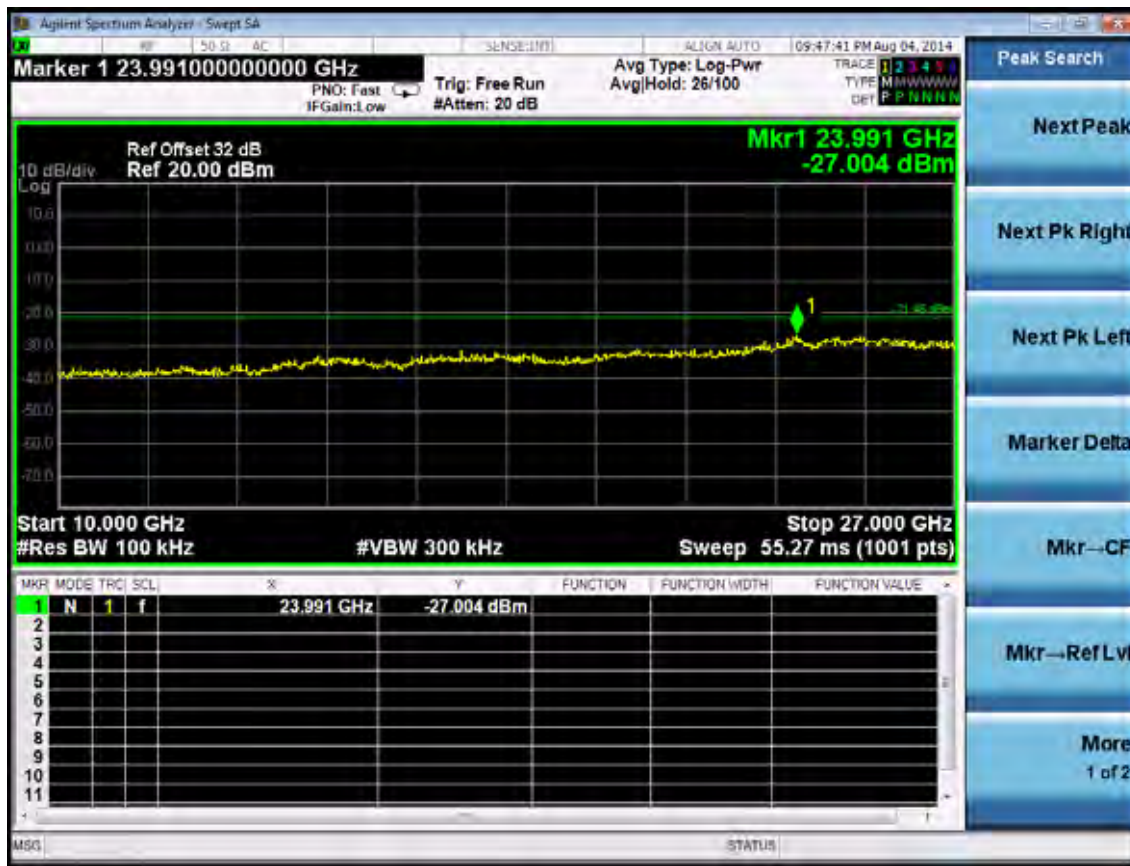
Test CH148:5745MHz



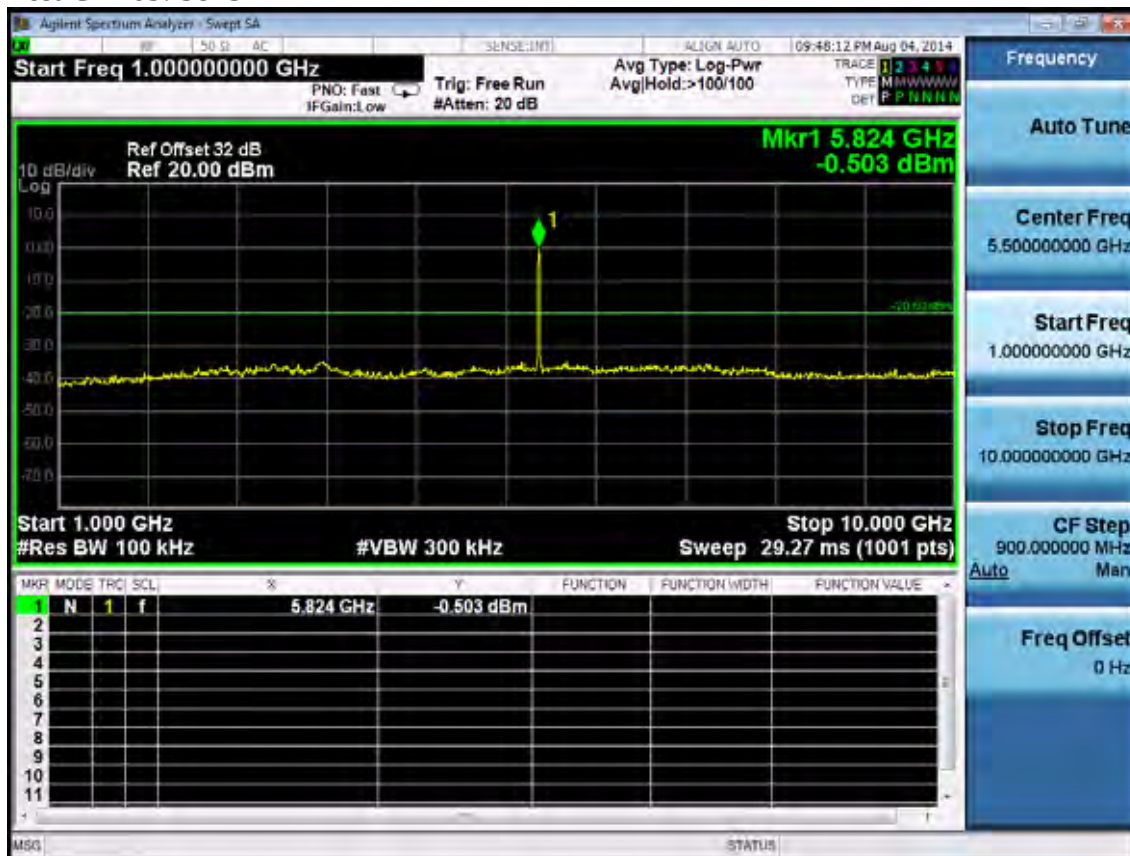


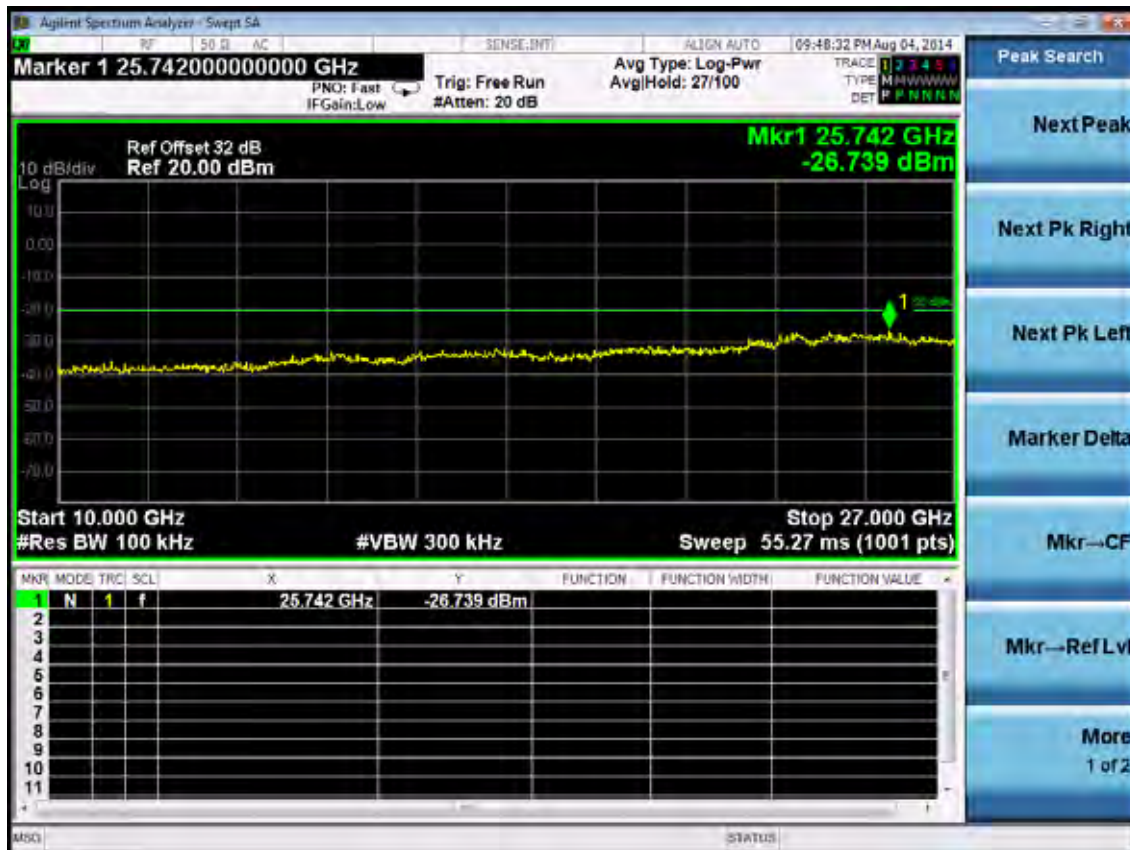
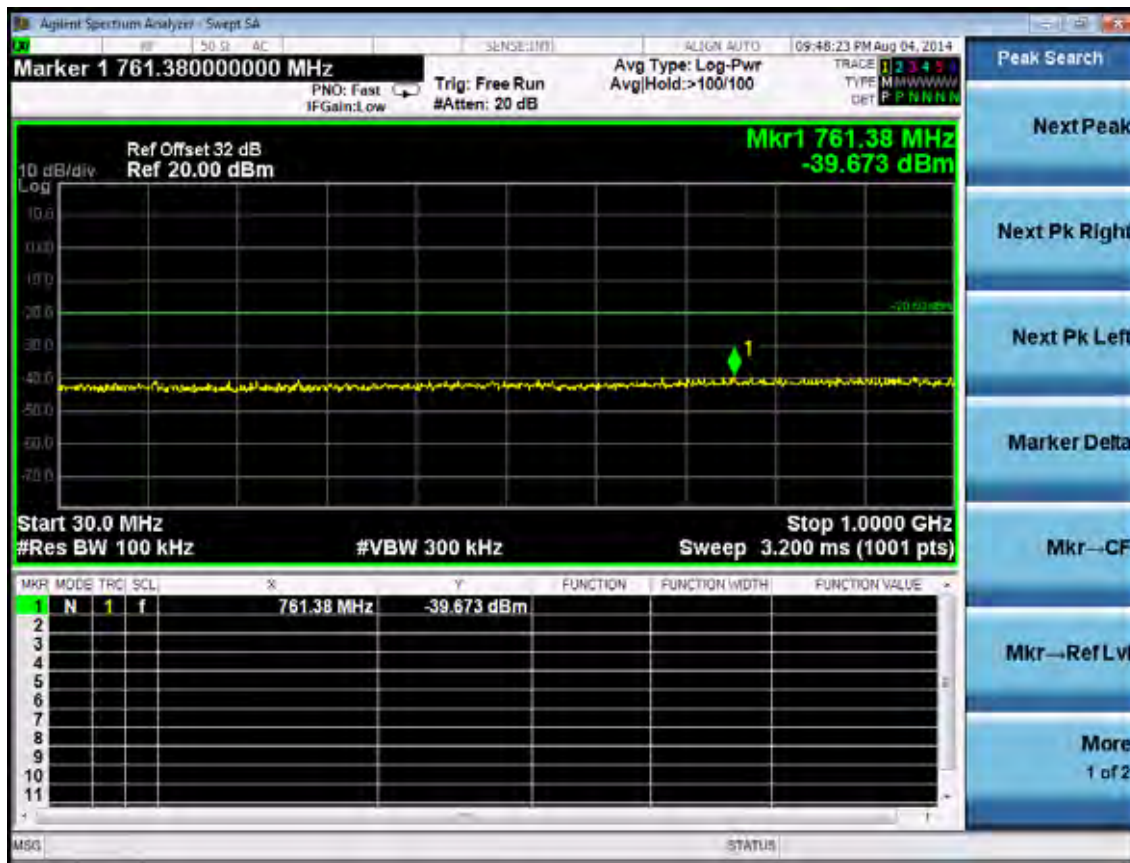
Test CH157: 5785MHz

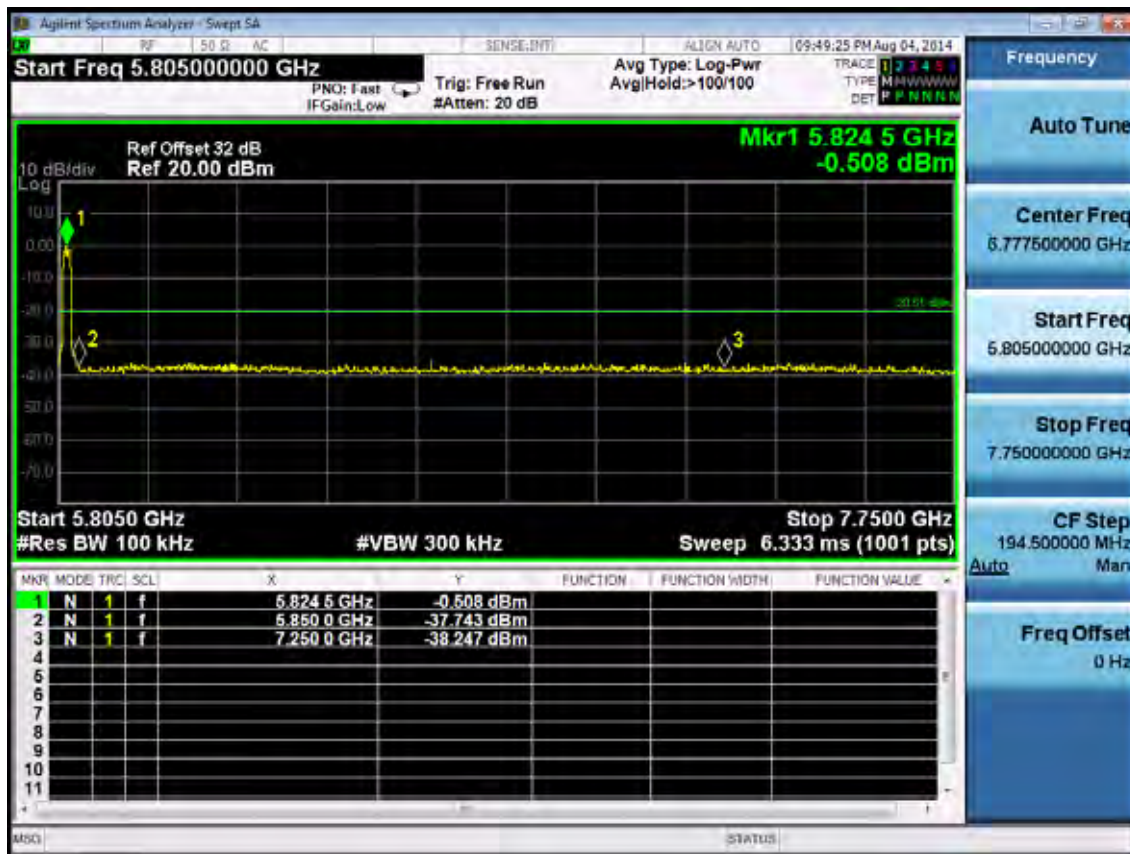




Test CH165: 5825MHz







## 6. BAND EDGE COMPLIANCE TEST

### 6.1. Test Equipment

| Item | Equipment    | Manufacturer | Model No.   | Serial No. | Last Cal.  | Cal. Interval |
|------|--------------|--------------|-------------|------------|------------|---------------|
| 1.   | Spectrum     | Agilent      | E4446A      | US44300459 | Apr. 28,14 | 1 Year        |
| 2.   | Amp          | HP           | 8449B       | 3008A02495 | Apr. 28,14 | 1 Year        |
| 3.   | Horn Antenna | EMCO         | 3115        | 9607-4877  | Aug.27, 13 | 1 Year        |
| 4.   | HF Cable     | Hubersuhner  | Sucoflex104 | 274094/4   | Apr. 28,14 | 1 Year        |
| 5    | RF Cable     | Hubersuhner  | Sucoflex102 | 28610/2    | Apr. 28,14 | 1 Year        |

### 6.2. Limit

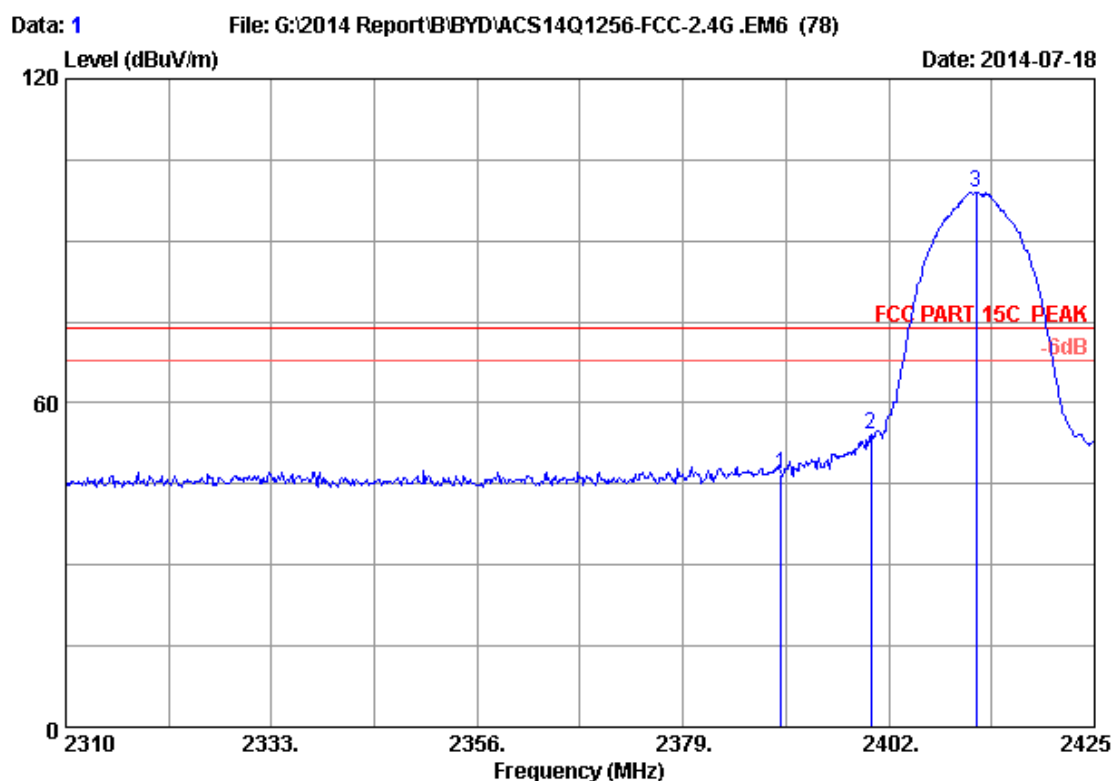
All the lower and upper band-edges emissions appearing within 5.35-5.46GHz and 7.25-7.75GHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 5725MHz to 5850MHz shall be at least 20dB below the fundamental emissions, or comply 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 upper band-edges of the emission:
  - (a) PEAK: RBW=1MHz; VBW=3MHz; Sweep=AUTO
  - (b) AVERAGE: RBW=1MHz; VBW=10Hz; Sweep=AUTO

### 6.4. Test Results

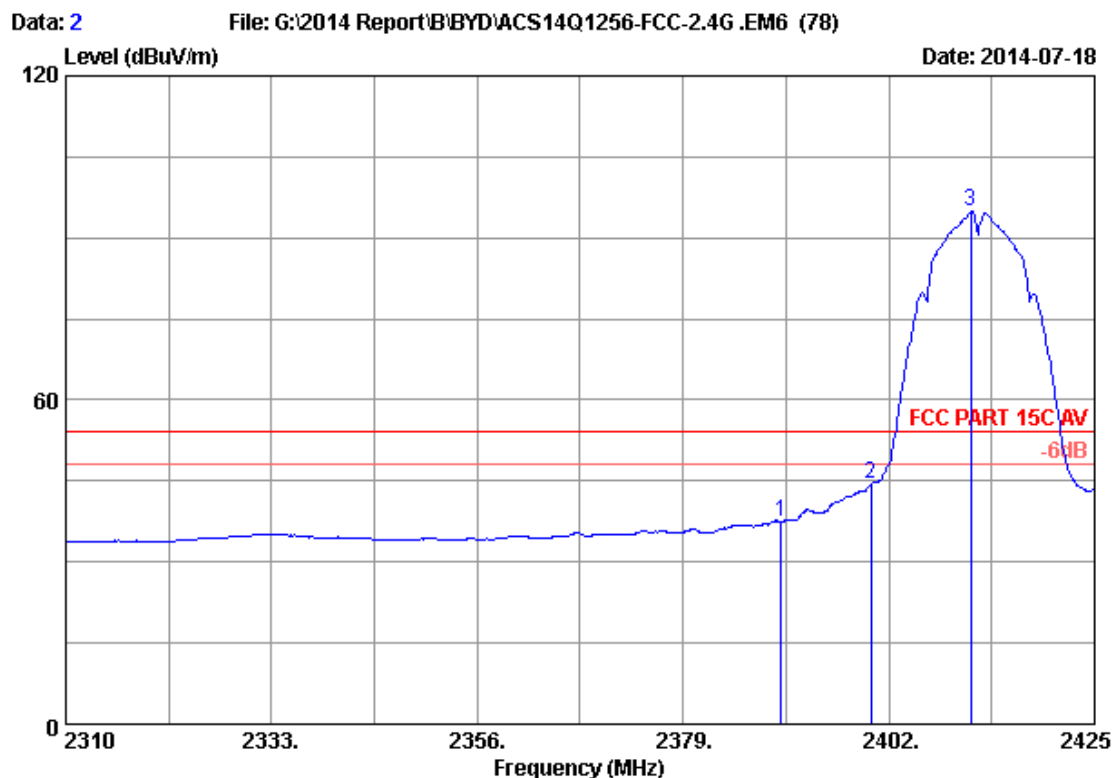
Pass (The testing data was attached in the next pages.)

**2.4G:**


Site no. : 3m Chamber Data no. : 1  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2390.000       | 28.16                    | 5.78                  | 35.70                 | 48.67             | 46.91                         | 74.00              | 27.09          | Peak   |
| 2   | 2400.000       | 28.18                    | 5.80                  | 35.70                 | 55.93             | 54.21                         | 74.00              | 19.79          | Peak   |
| 3   | 2411.775       | 28.21                    | 5.81                  | 35.70                 | 100.73            | 99.05                         | 74.00              | -25.05         | Peak   |

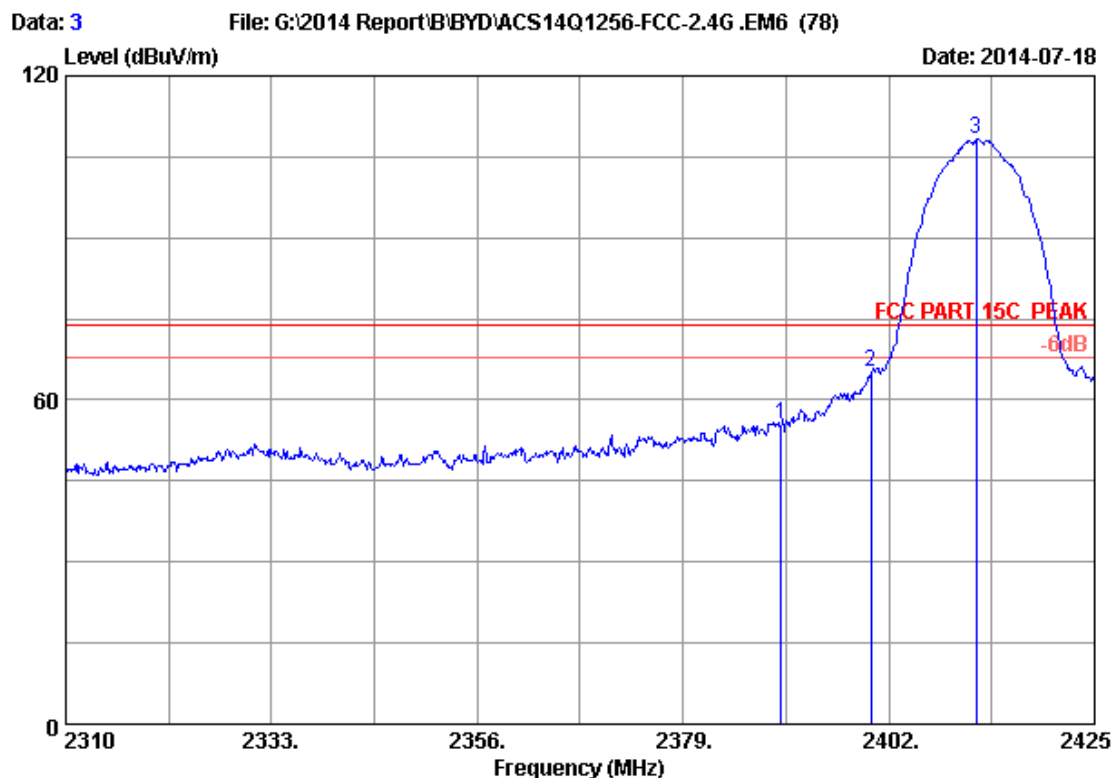
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 2  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2390.000       | 28.16                    | 5.78                  | 35.70                 | 39.20             | 37.44                         | 54.00              | 16.56          | Average |
| 2   | 2400.000       | 28.18                    | 5.80                  | 35.70                 | 46.23             | 44.51                         | 54.00              | 9.49           | Average |
| 3   | 2411.200       | 28.20                    | 5.81                  | 35.70                 | 96.52             | 94.83                         | 54.00              | -40.83         | Average |

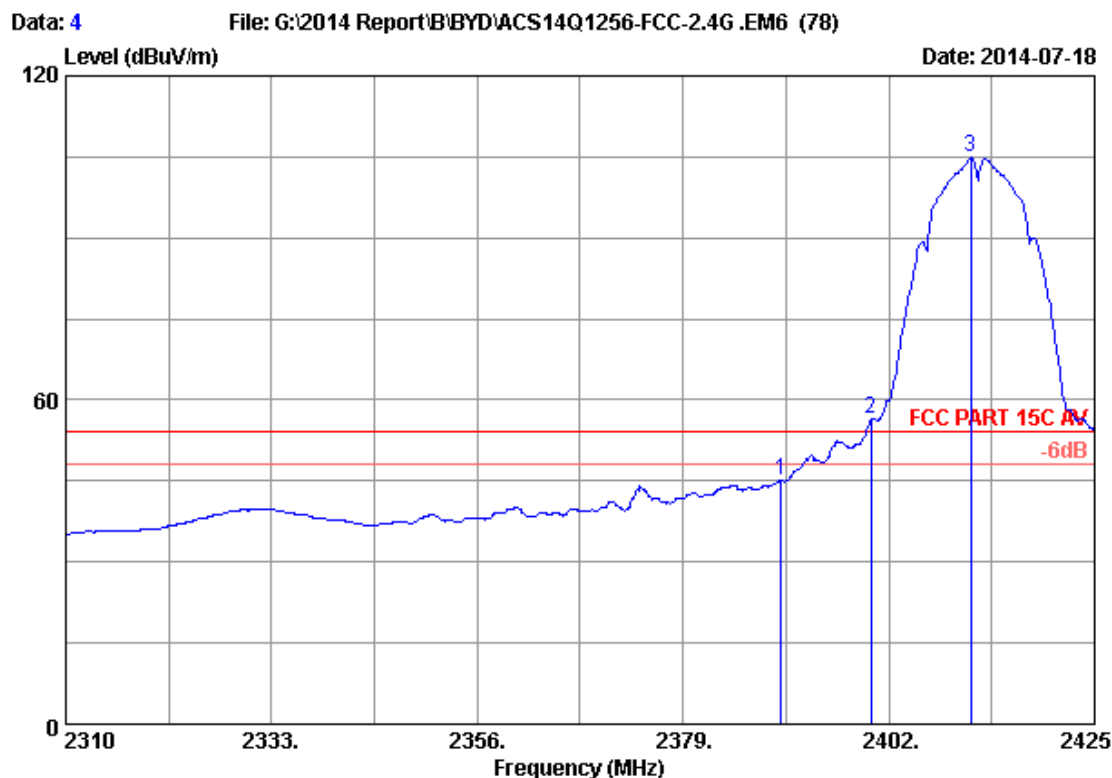
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 3  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2390.000       | 28.16                    | 5.78                  | 35.70                 | 57.39             | 55.63                         | 74.00              | 18.37          | Peak   |
| 2   | 2400.000       | 28.18                    | 5.80                  | 35.70                 | 66.82             | 65.10                         | 74.00              | 8.90           | Peak   |
| 3   | 2411.775       | 28.21                    | 5.81                  | 35.70                 | 110.09            | 108.41                        | 74.00              | -34.41         | Peak   |

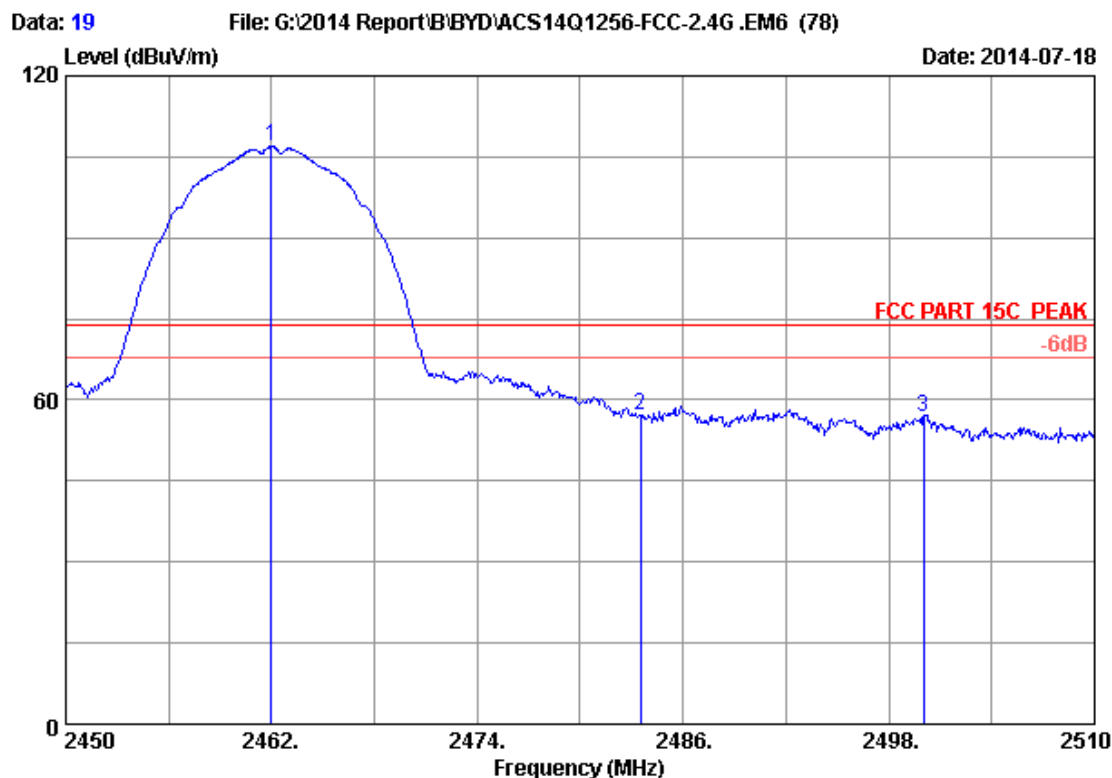
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 4  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2390.000       | 28.16                    | 5.78                  | 35.70                 | 46.85             | 45.09                         | 54.00              | 8.91           | Average |
| 2   | 2400.000       | 28.18                    | 5.80                  | 35.70                 | 58.14             | 56.42                         | 54.00              | -2.42          | Average |
| 3   | 2411.200       | 28.20                    | 5.81                  | 35.70                 | 106.55            | 104.86                        | 54.00              | -50.86         | Average |

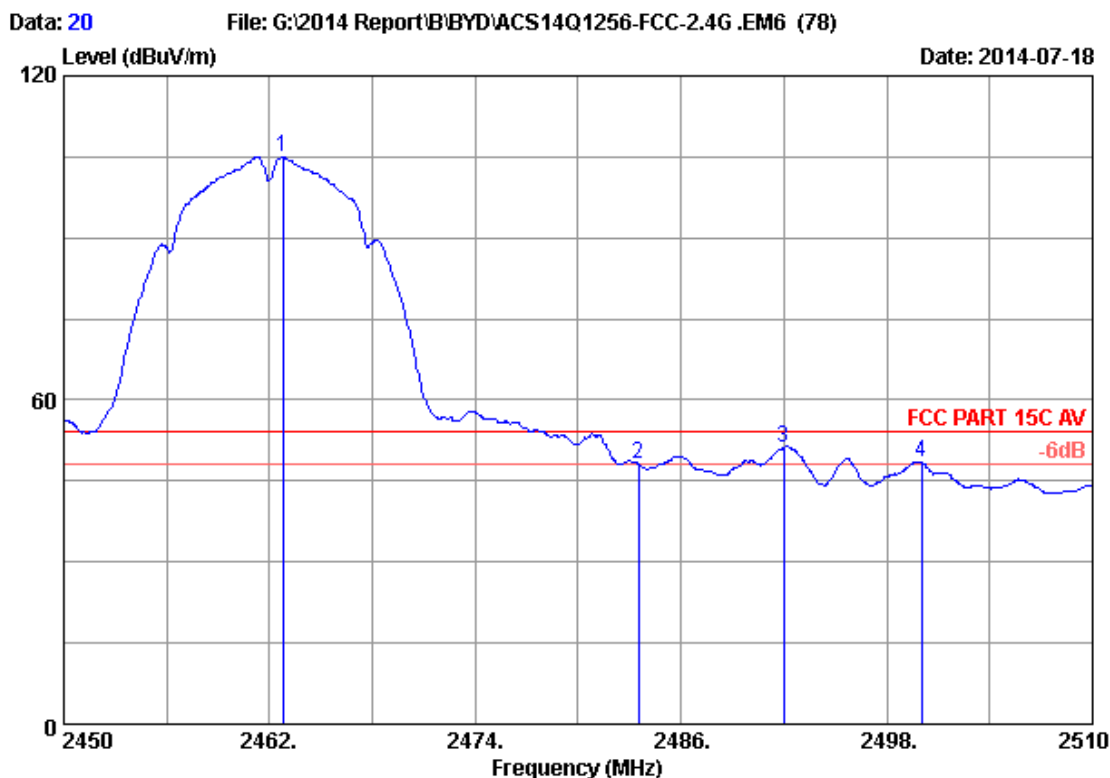
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 19  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2462.000       | 28.32                    | 5.89                  | 35.70                 | 108.39            | 106.90                        | 74.00              | -32.90         | Peak   |
| 2   | 2483.500       | 28.36                    | 5.92                  | 35.70                 | 58.50             | 57.08                         | 74.00              | 16.92          | Peak   |
| 3   | 2500.000       | 28.40                    | 5.94                  | 35.70                 | 58.06             | 56.70                         | 74.00              | 17.30          | Peak   |

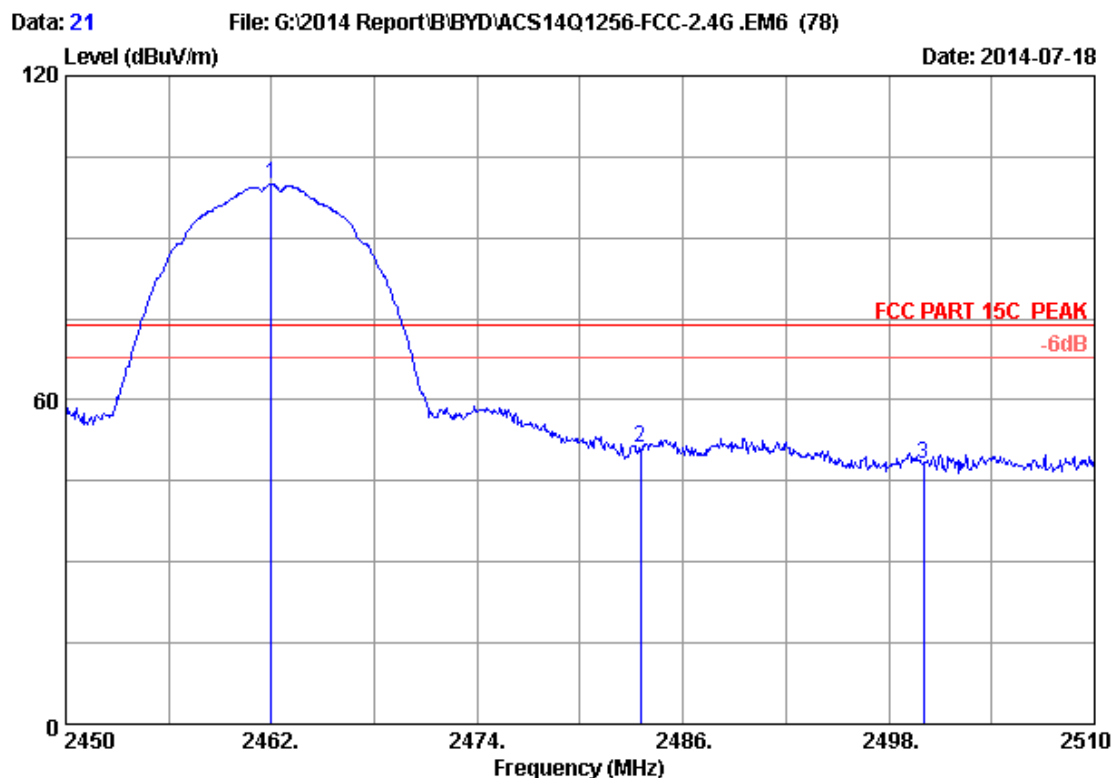
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 20  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2462.780       | 28.32                    | 5.89                  | 35.70                 | 106.44            | 104.95                        | 54.00              | -50.95         | Average |
| 2   | 2483.500       | 28.36                    | 5.92                  | 35.70                 | 49.70             | 48.28                         | 54.00              | 5.72           | Average |
| 3   | 2491.970       | 28.38                    | 5.93                  | 35.70                 | 52.62             | 51.23                         | 54.00              | 2.77           | Average |
| 4   | 2500.000       | 28.40                    | 5.94                  | 35.70                 | 49.70             | 48.34                         | 54.00              | 5.66           | Average |

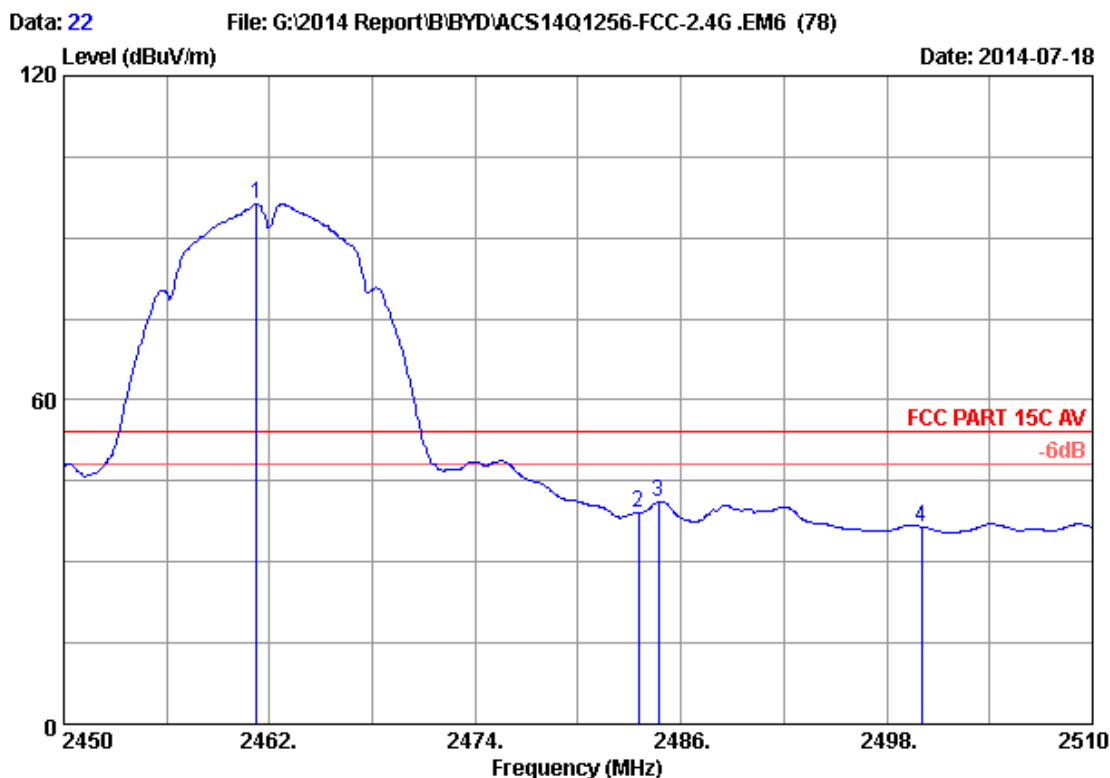
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 21  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2462.000       | 28.32                    | 5.89                  | 35.70                 | 101.41            | 99.92                         | 74.00              | -25.92         | Peak   |
| 2   | 2483.500       | 28.36                    | 5.92                  | 35.70                 | 52.41             | 50.99                         | 74.00              | 23.01          | Peak   |
| 3   | 2500.000       | 28.40                    | 5.94                  | 35.70                 | 49.34             | 47.98                         | 74.00              | 26.02          | Peak   |

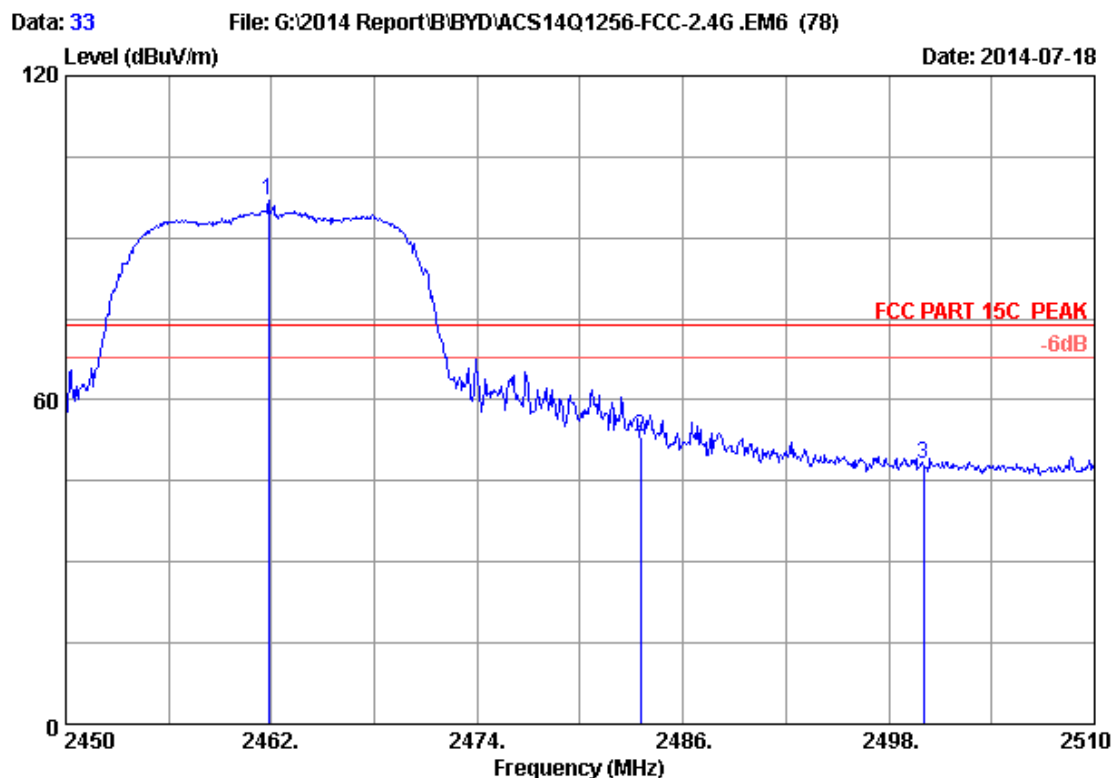
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 22  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2461.220       | 28.31                    | 5.89                  | 35.70                 | 97.80             | 96.30                         | 54.00              | -42.30         | Average |
| 2   | 2483.500       | 28.36                    | 5.92                  | 35.70                 | 40.49             | 39.07                         | 54.00              | 14.93          | Average |
| 3   | 2484.680       | 28.37                    | 5.92                  | 35.70                 | 42.63             | 41.22                         | 54.00              | 12.78          | Average |
| 4   | 2500.000       | 28.40                    | 5.94                  | 35.70                 | 37.88             | 36.52                         | 54.00              | 17.48          | Average |

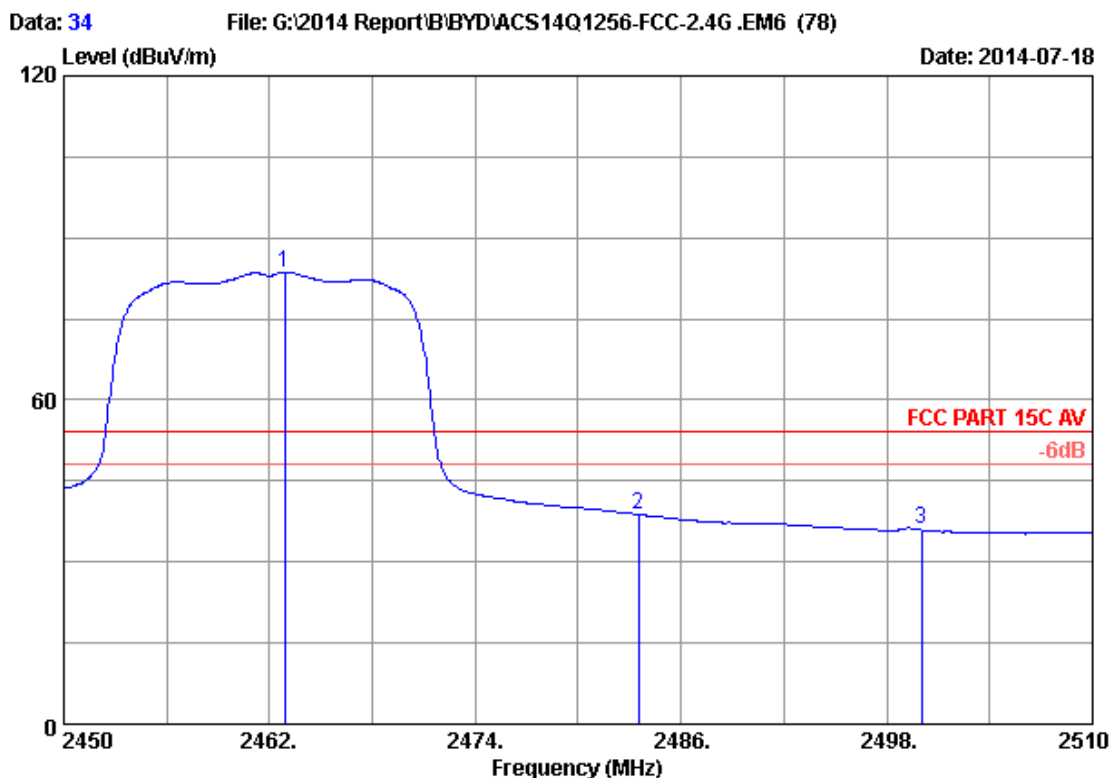
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 33  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2461.820       | 28.32                    | 5.89                  | 35.70                 | 98.34             | 96.85                         | 74.00              | -22.85         | Peak   |
| 2   | 2483.500       | 28.36                    | 5.92                  | 35.70                 | 54.71             | 53.29                         | 74.00              | 20.71          | Peak   |
| 3   | 2500.000       | 28.40                    | 5.94                  | 35.70                 | 49.47             | 48.11                         | 74.00              | 25.89          | Peak   |

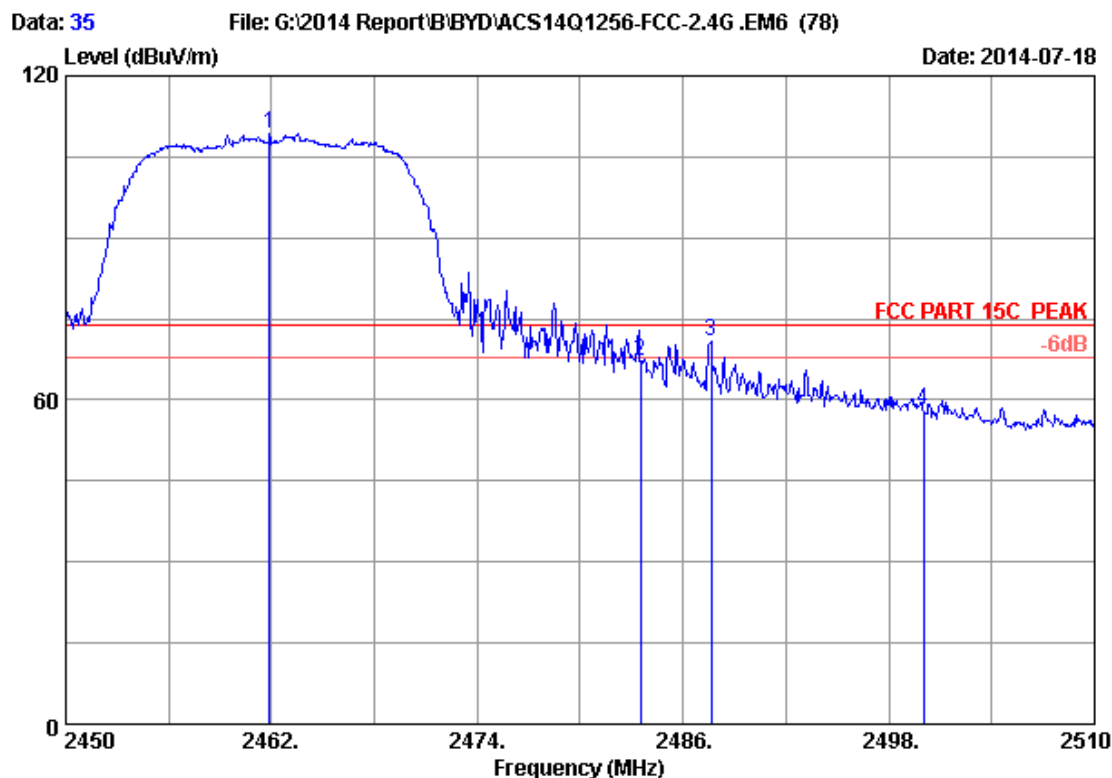
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 34  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2462.900       | 28.32                    | 5.89                  | 35.70                 | 85.16             | 83.67                         | 54.00              | -29.67         | Average |
| 2   | 2483.500       | 28.36                    | 5.92                  | 35.70                 | 40.25             | 38.83                         | 54.00              | 15.17          | Average |
| 3   | 2500.000       | 28.40                    | 5.94                  | 35.70                 | 37.31             | 35.95                         | 54.00              | 18.05          | Average |

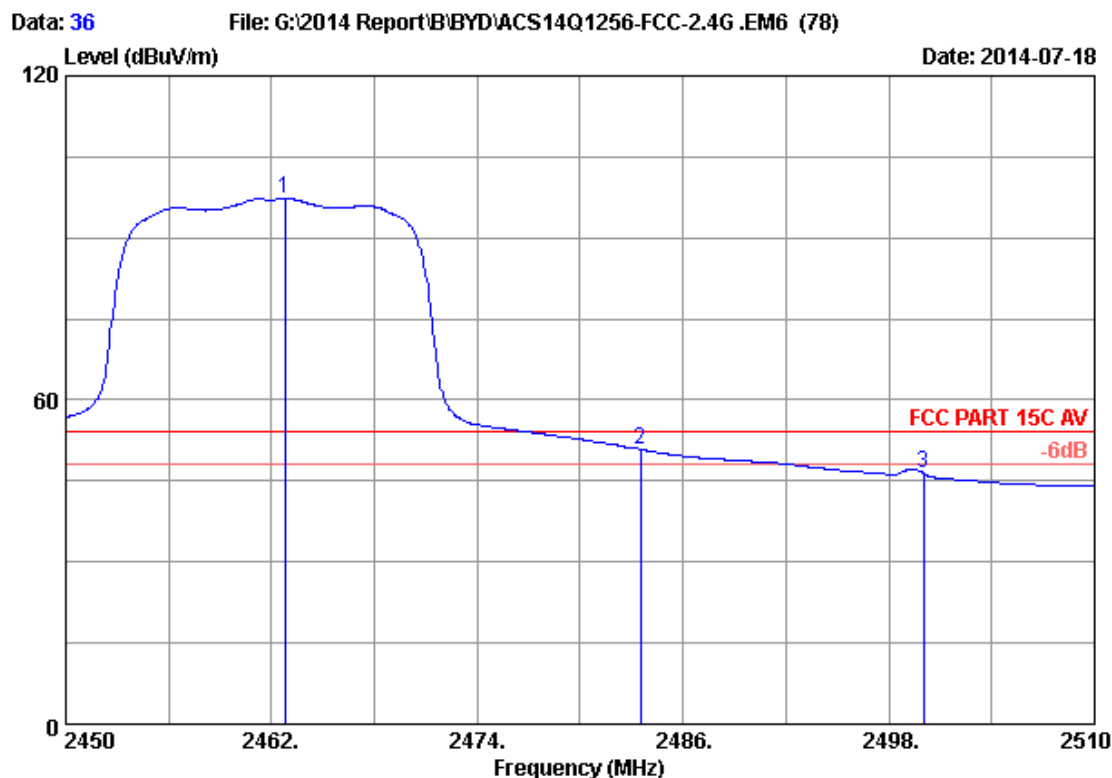
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 35  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2461.880       | 28.32                    | 5.89                  | 35.70                 | 110.92            | 109.43                        | 74.00              | -35.43         | Peak   |
| 2   | 2483.500       | 28.36                    | 5.92                  | 35.70                 | 68.56             | 67.14                         | 74.00              | 6.86           | Peak   |
| 3   | 2487.620       | 28.37                    | 5.92                  | 35.70                 | 72.33             | 70.92                         | 74.00              | 3.08           | Peak   |
| 4   | 2500.000       | 28.40                    | 5.94                  | 35.70                 | 59.61             | 58.25                         | 74.00              | 15.75          | Peak   |

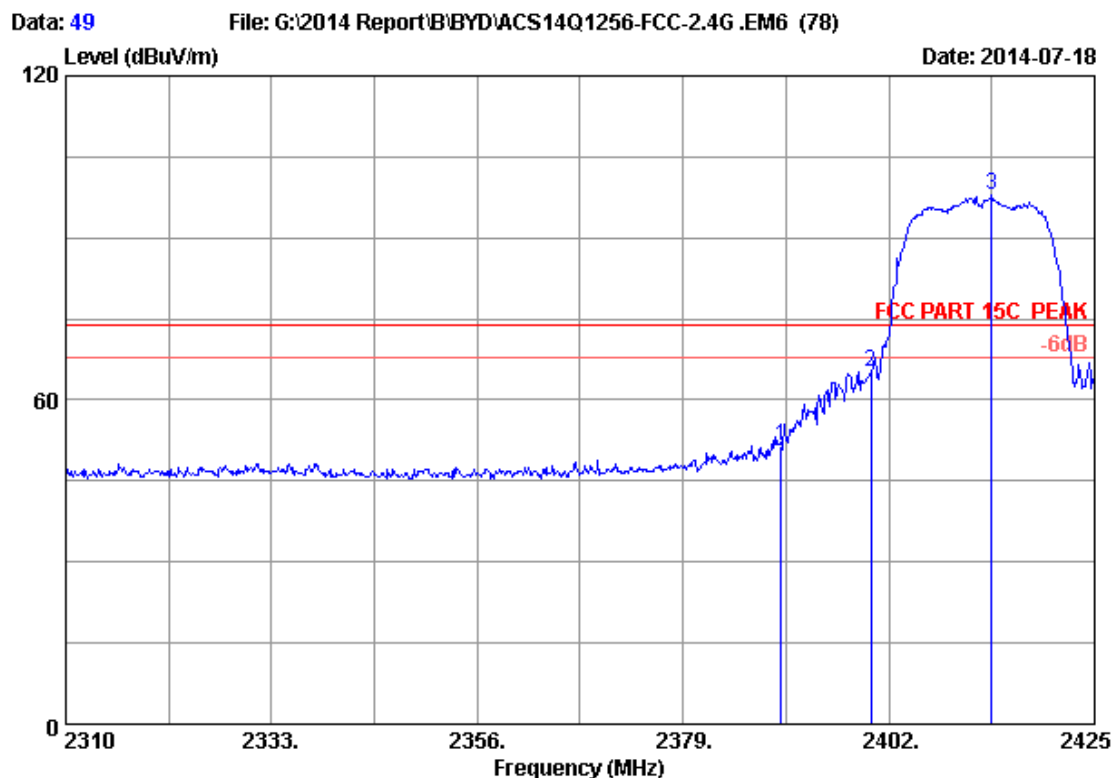
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 36  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2462.780       | 28.32                    | 5.89                  | 35.70                 | 98.89             | 97.40                         | 54.00              | -43.40         | Average |
| 2   | 2483.500       | 28.36                    | 5.92                  | 35.70                 | 52.30             | 50.88                         | 54.00              | 3.12           | Average |
| 3   | 2500.000       | 28.40                    | 5.94                  | 35.70                 | 47.81             | 46.45                         | 54.00              | 7.55           | Average |

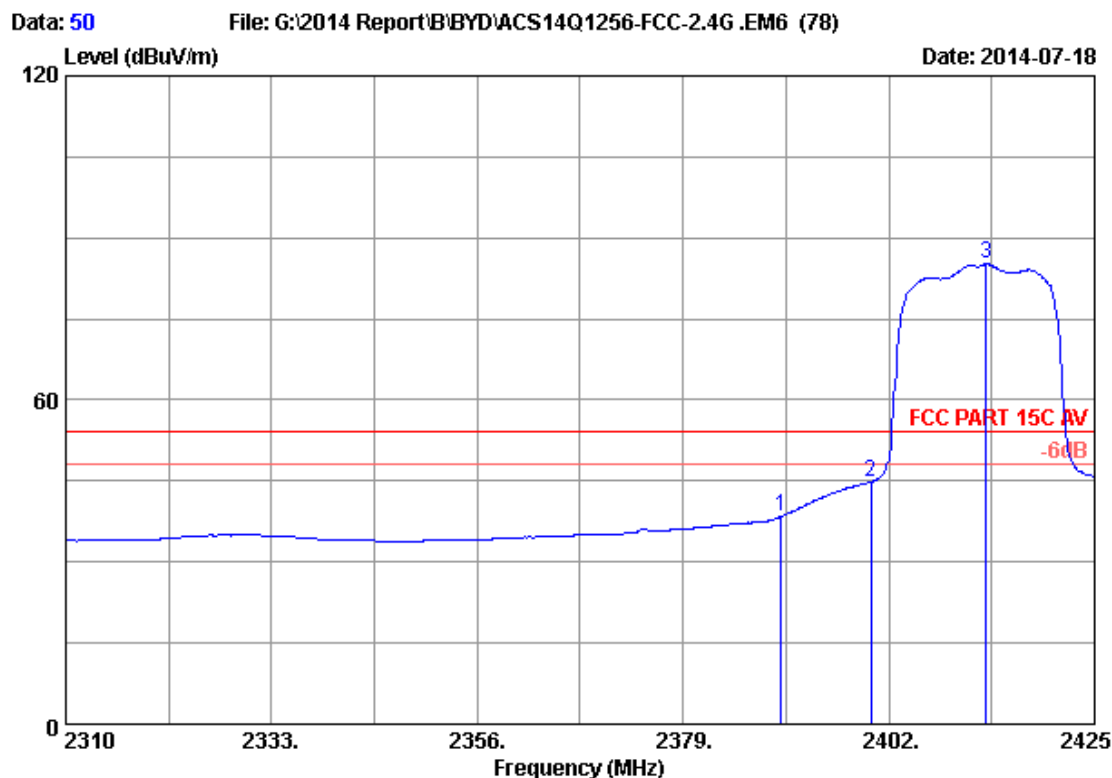
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 49  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2390.000       | 28.16                    | 5.78                  | 35.70                 | 53.35             | 51.59                         | 74.00              | 22.41          | Peak   |
| 2   | 2400.000       | 28.18                    | 5.80                  | 35.70                 | 66.80             | 65.08                         | 74.00              | 8.92           | Peak   |
| 3   | 2413.500       | 28.21                    | 5.82                  | 35.70                 | 99.61             | 97.94                         | 74.00              | -23.94         | Peak   |

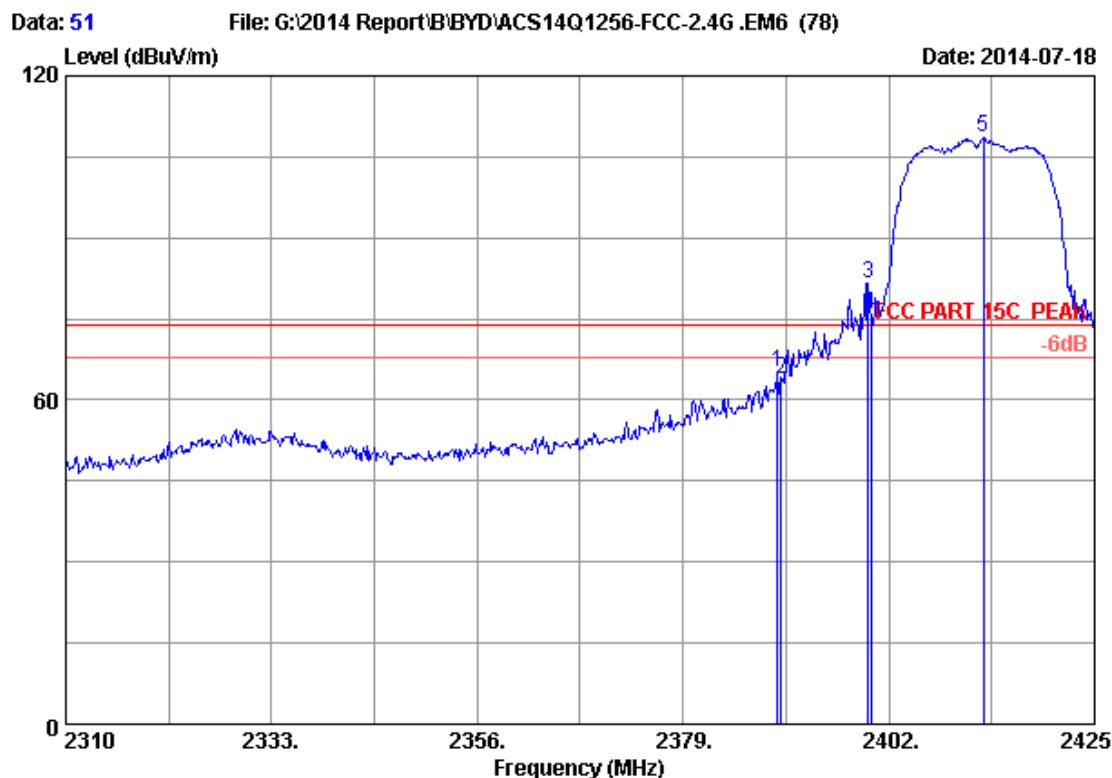
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 50  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2390.000       | 28.16                    | 5.78                  | 35.70                 | 40.24             | 38.48                         | 54.00              | 15.52          | Average |
| 2   | 2400.000       | 28.18                    | 5.80                  | 35.70                 | 46.60             | 44.88                         | 54.00              | 9.12           | Average |
| 3   | 2412.925       | 28.21                    | 5.82                  | 35.70                 | 86.84             | 85.17                         | 54.00              | -31.17         | Average |

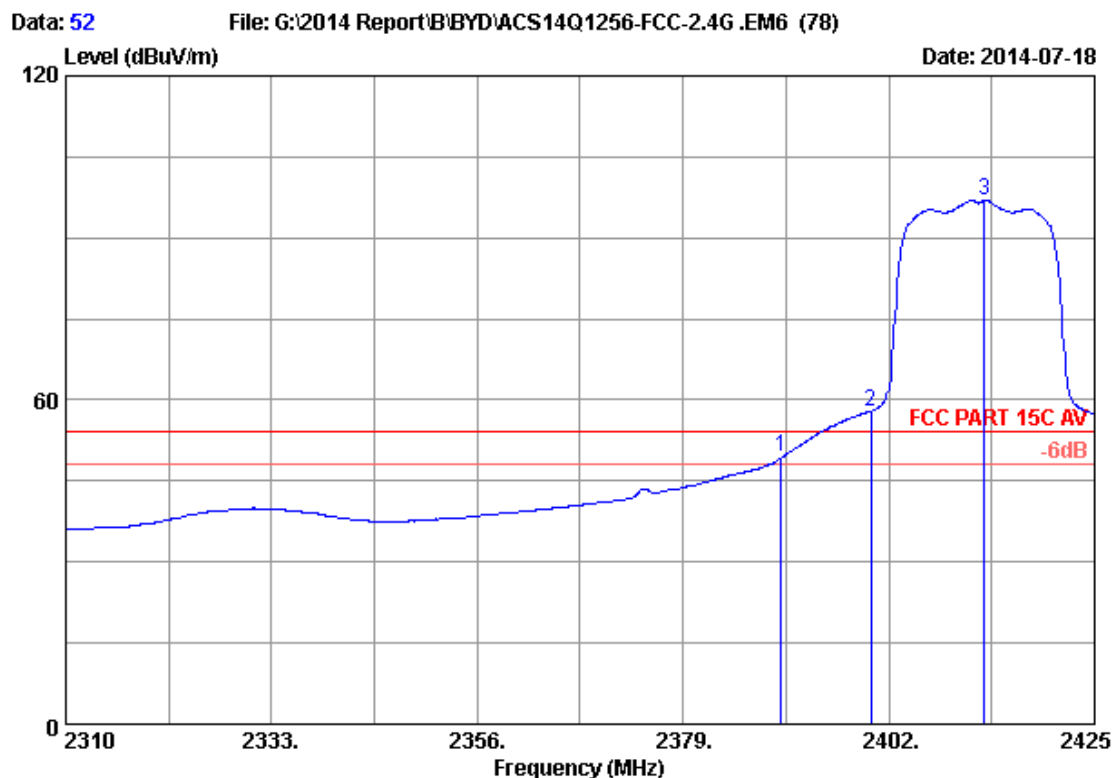
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 51  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2389.580       | 28.16                    | 5.78                  | 35.70                 | 66.97             | 65.21                         | 74.00              | 8.79           | Peak   |
| 2   | 2390.000       | 28.16                    | 5.78                  | 35.70                 | 65.62             | 63.86                         | 74.00              | 10.14          | Peak   |
| 3   | 2399.700       | 28.18                    | 5.80                  | 35.70                 | 83.21             | 81.49                         | 74.00              | -7.49          | Peak   |
| 4   | 2400.000       | 28.18                    | 5.80                  | 35.70                 | 77.60             | 75.88                         | 74.00              | -1.88          | Peak   |
| 5   | 2412.580       | 28.21                    | 5.82                  | 35.70                 | 110.22            | 108.55                        | 74.00              | -34.55         | Peak   |

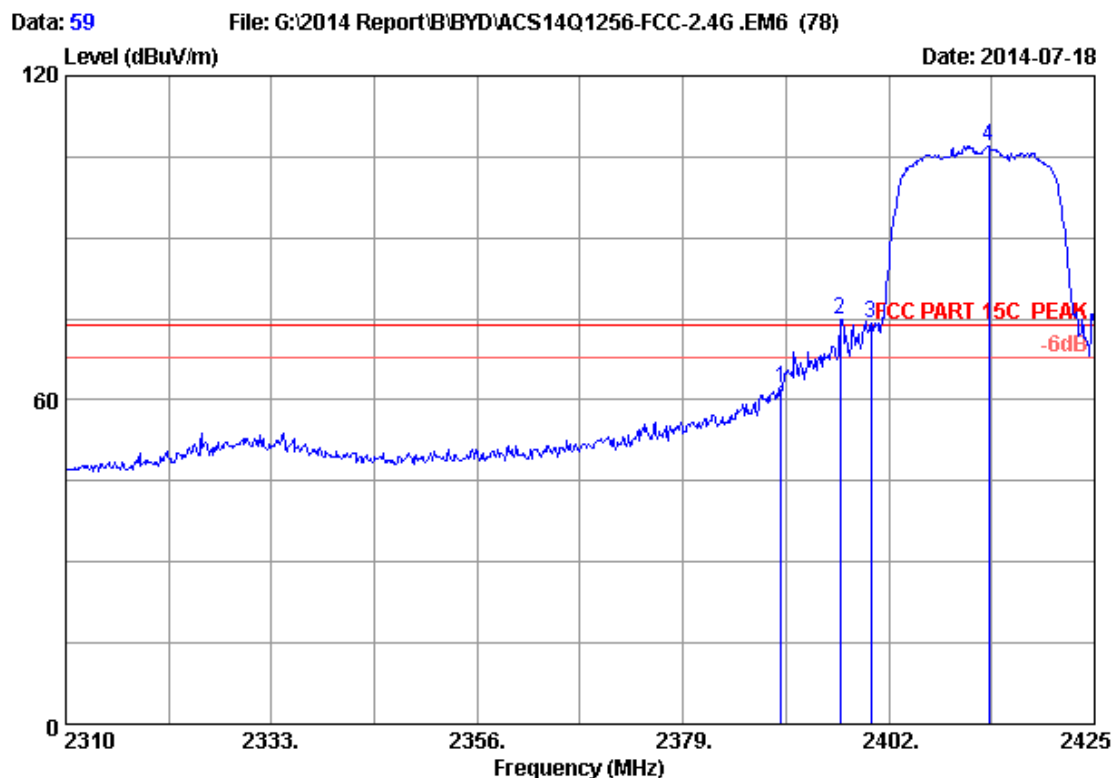
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 52  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2390.000       | 28.16                    | 5.78                  | 35.70                 | 51.08             | 49.32                         | 54.00              | 4.68           | Average |
| 2   | 2400.000       | 28.18                    | 5.80                  | 35.70                 | 59.70             | 57.98                         | 54.00              | -3.98          | Average |
| 3   | 2412.695       | 28.21                    | 5.82                  | 35.70                 | 98.56             | 96.89                         | 54.00              | -42.89         | Average |

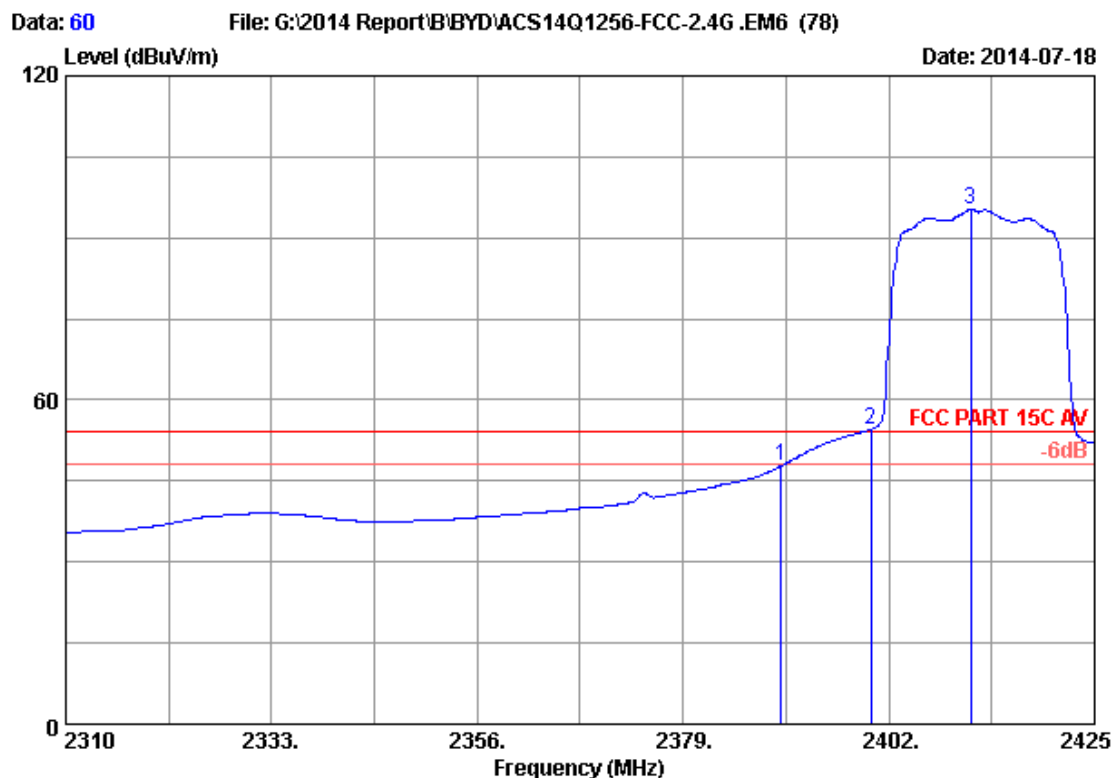
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 59  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2390.000       | 28.16                    | 5.78                  | 35.70                 | 63.87             | 62.11                         | 74.00              | 11.89          | Peak   |
| 2   | 2396.595       | 28.17                    | 5.79                  | 35.70                 | 76.65             | 74.91                         | 74.00              | -0.91          | Peak   |
| 3   | 2400.000       | 28.18                    | 5.80                  | 35.70                 | 76.03             | 74.31                         | 74.00              | -0.31          | Peak   |
| 4   | 2413.155       | 28.21                    | 5.82                  | 35.70                 | 108.55            | 106.88                        | 74.00              | -32.88         | Peak   |

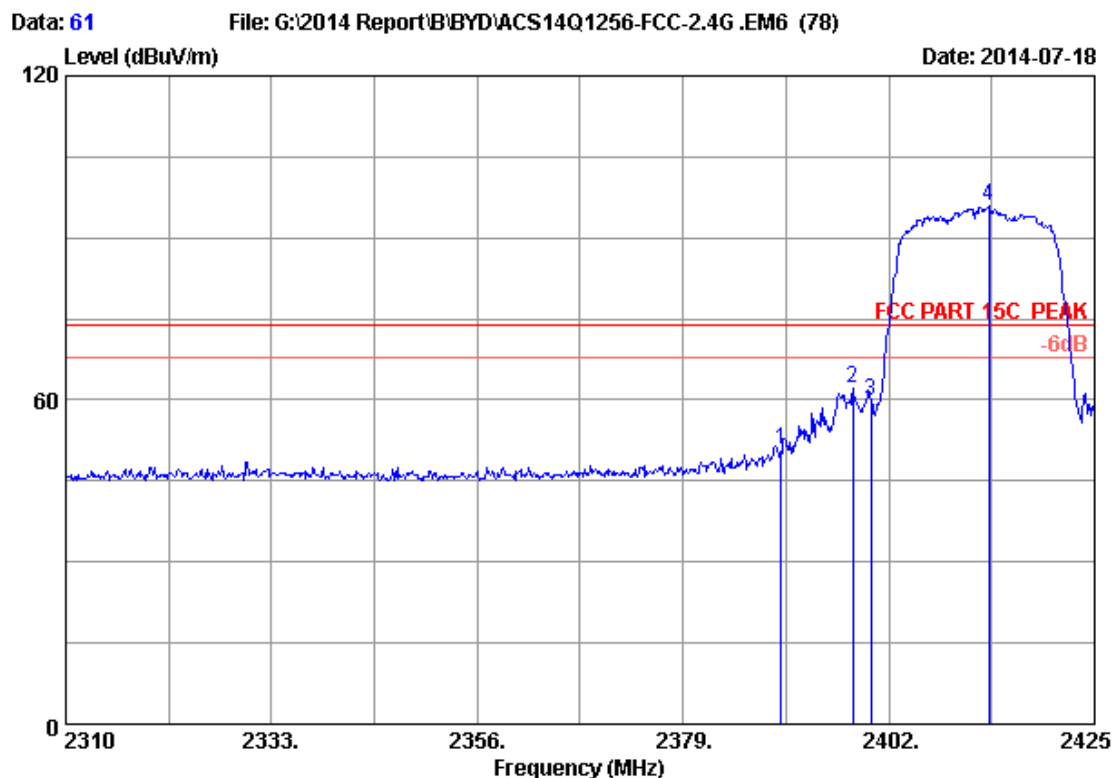
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 60  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2390.000       | 28.16                    | 5.78                  | 35.70                 | 49.63             | 47.87                         | 54.00              | 6.13           | Average |
| 2   | 2400.000       | 28.18                    | 5.80                  | 35.70                 | 56.30             | 54.58                         | 54.00              | -0.58          | Average |
| 3   | 2411.200       | 28.20                    | 5.81                  | 35.70                 | 96.91             | 95.22                         | 54.00              | -41.22         | Average |

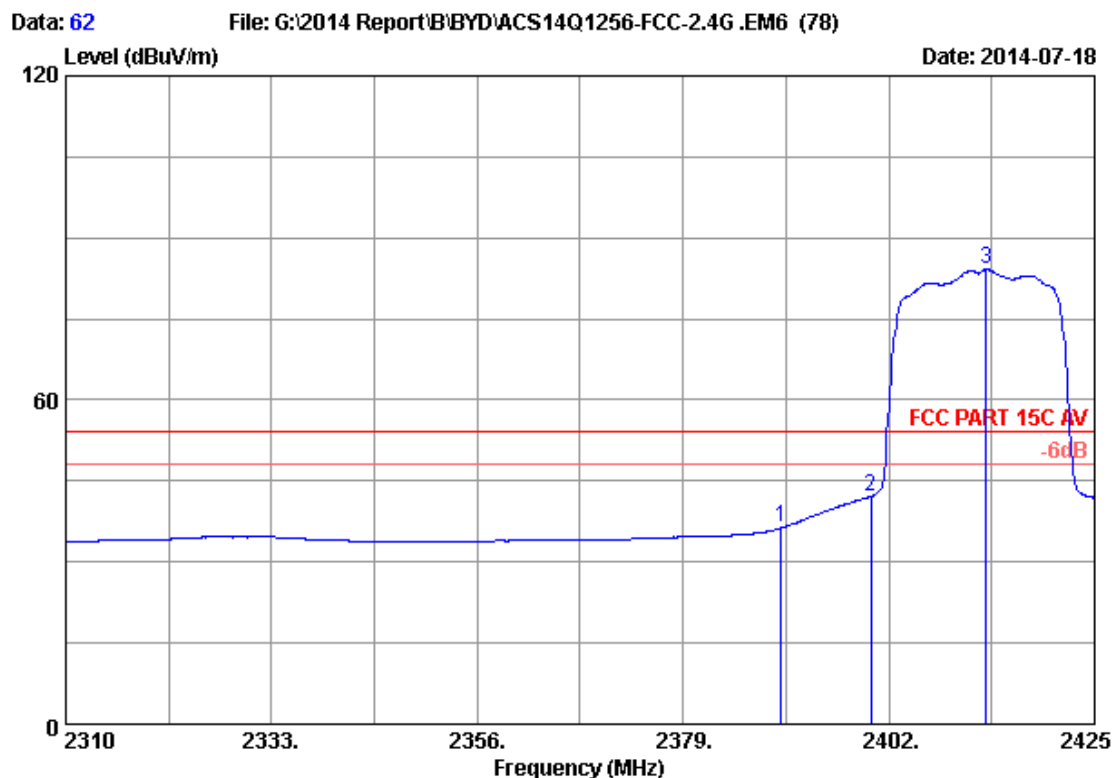
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 61  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2390.000       | 28.16                    | 5.78                  | 35.70                 | 52.71             | 50.95                         | 74.00              | 23.05          | Peak   |
| 2   | 2397.975       | 28.18                    | 5.79                  | 35.70                 | 63.74             | 62.01                         | 74.00              | 11.99          | Peak   |
| 3   | 2400.000       | 28.18                    | 5.80                  | 35.70                 | 61.61             | 59.89                         | 74.00              | 14.11          | Peak   |
| 4   | 2413.155       | 28.21                    | 5.82                  | 35.70                 | 97.48             | 95.81                         | 74.00              | -21.81         | Peak   |

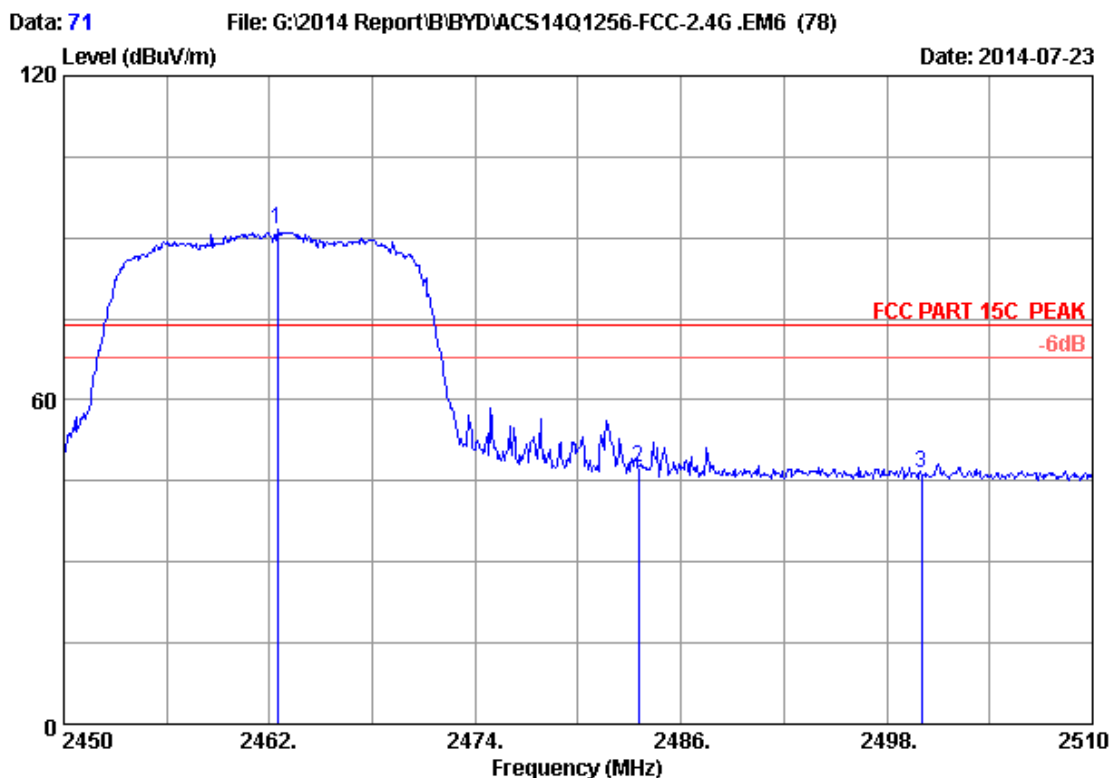
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 62  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2412MHz Tx  
 M/N : AT10-B

| No. | 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   | 2390.000       | 28.16                    | 5.78                  | 35.70                 | 38.08             | 36.32                         | 54.00              | 17.68          | Average |
| 2   | 2400.000       | 28.18                    | 5.80                  | 35.70                 | 43.92             | 42.20                         | 54.00              | 11.80          | Average |
| 3   | 2412.925       | 28.21                    | 5.82                  | 35.70                 | 85.76             | 84.09                         | 54.00              | -30.09         | Average |

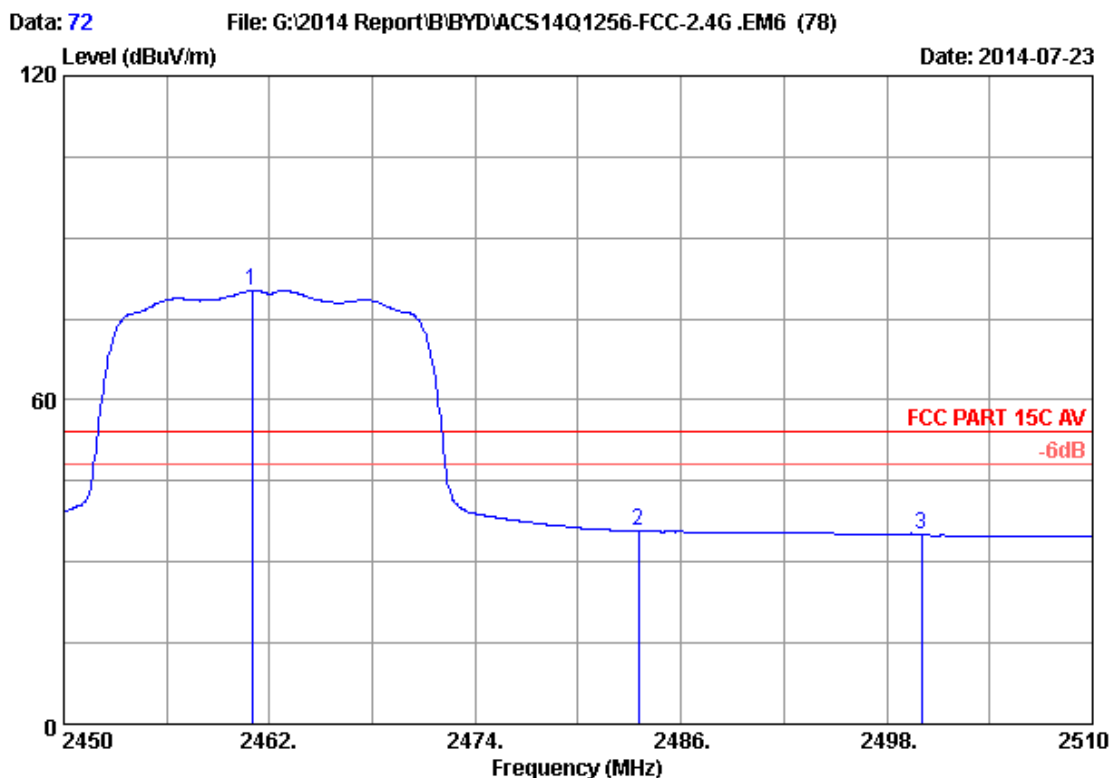
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 71  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2462.480       | 28.32                    | 5.89                  | 35.70                 | 93.03             | 91.54                         | 74.00              | -17.54         | Peak   |
| 2   | 2483.500       | 28.36                    | 5.92                  | 35.70                 | 48.79             | 47.37                         | 74.00              | 26.63          | Peak   |
| 3   | 2500.000       | 28.40                    | 5.94                  | 35.70                 | 47.94             | 46.58                         | 74.00              | 27.42          | Peak   |

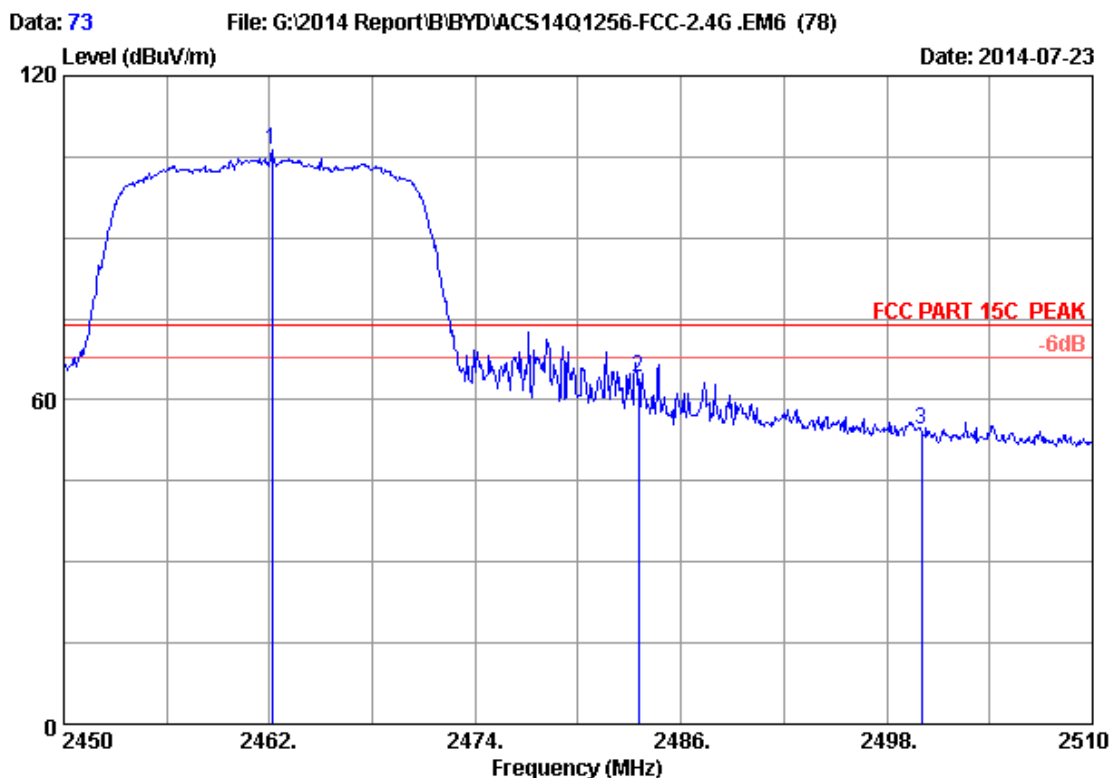
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 72  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2460.980       | 28.31                    | 5.89                  | 35.70                 | 81.85             | 80.35                         | 54.00              | -26.35         | Average |
| 2   | 2483.500       | 28.36                    | 5.92                  | 35.70                 | 37.11             | 35.69                         | 54.00              | 18.31          | Average |
| 3   | 2500.000       | 28.40                    | 5.94                  | 35.70                 | 36.42             | 35.06                         | 54.00              | 18.94          | Average |

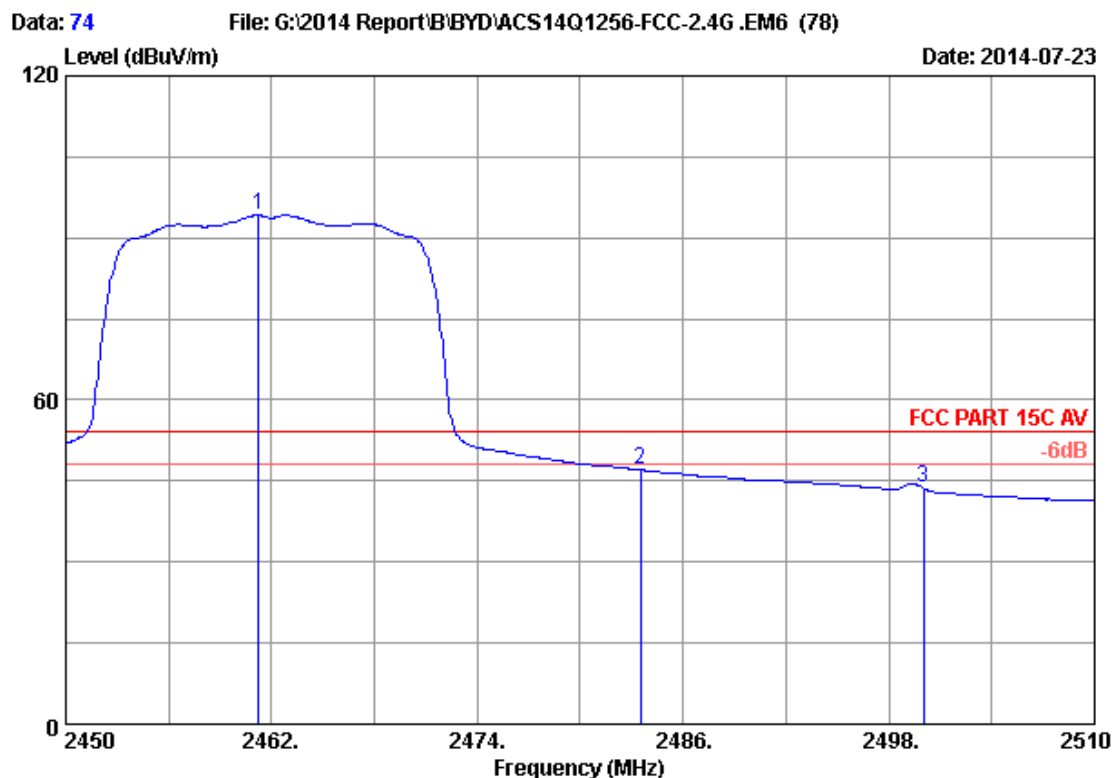
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 73  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2462.120       | 28.32                    | 5.89                  | 35.70                 | 107.81            | 106.32                        | 74.00              | -32.32         | Peak   |
| 2   | 2483.500       | 28.36                    | 5.92                  | 35.70                 | 65.71             | 64.29                         | 74.00              | 9.71           | Peak   |
| 3   | 2500.000       | 28.40                    | 5.94                  | 35.70                 | 55.91             | 54.55                         | 74.00              | 19.45          | Peak   |

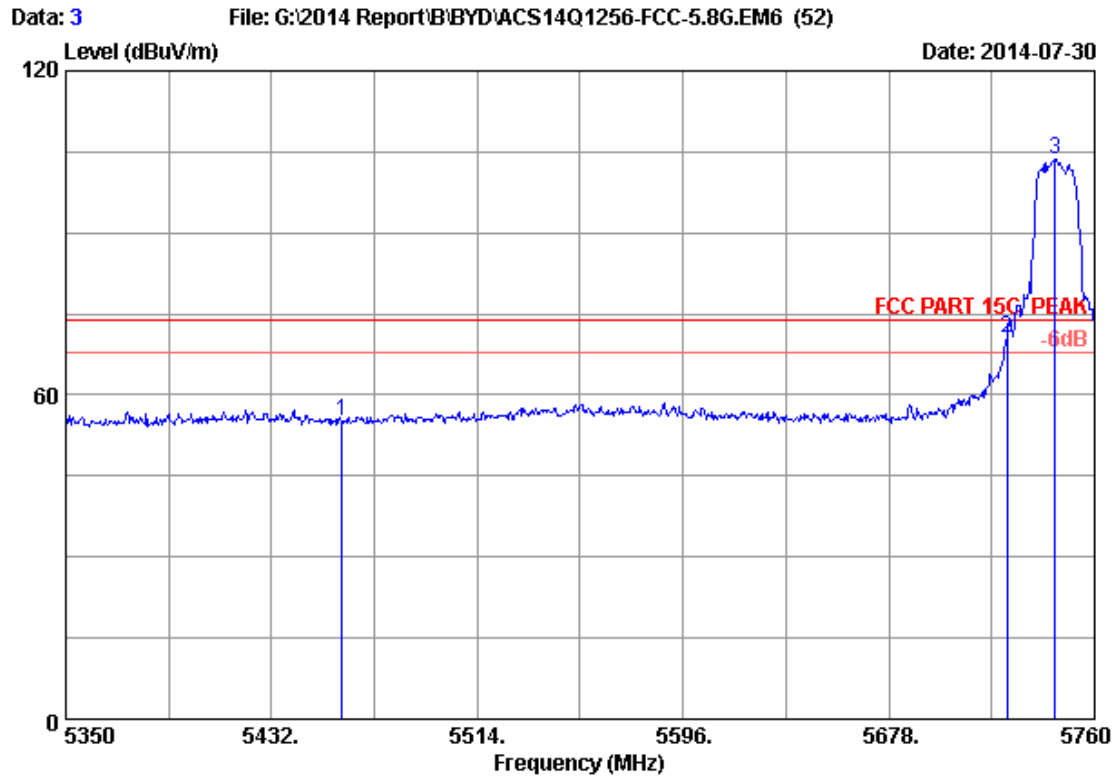
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 74  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C 9K-30M  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2462MHz Tx  
 M/N : AT10-B

| No. | 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   | 2461.220       | 28.31                    | 5.89                  | 35.70                 | 95.68             | 94.18                         | 54.00              | -40.18         | Average |
| 2   | 2483.500       | 28.36                    | 5.92                  | 35.70                 | 48.49             | 47.07                         | 54.00              | 6.93           | Average |
| 3   | 2500.000       | 28.40                    | 5.94                  | 35.70                 | 45.06             | 43.70                         | 54.00              | 10.30          | Average |

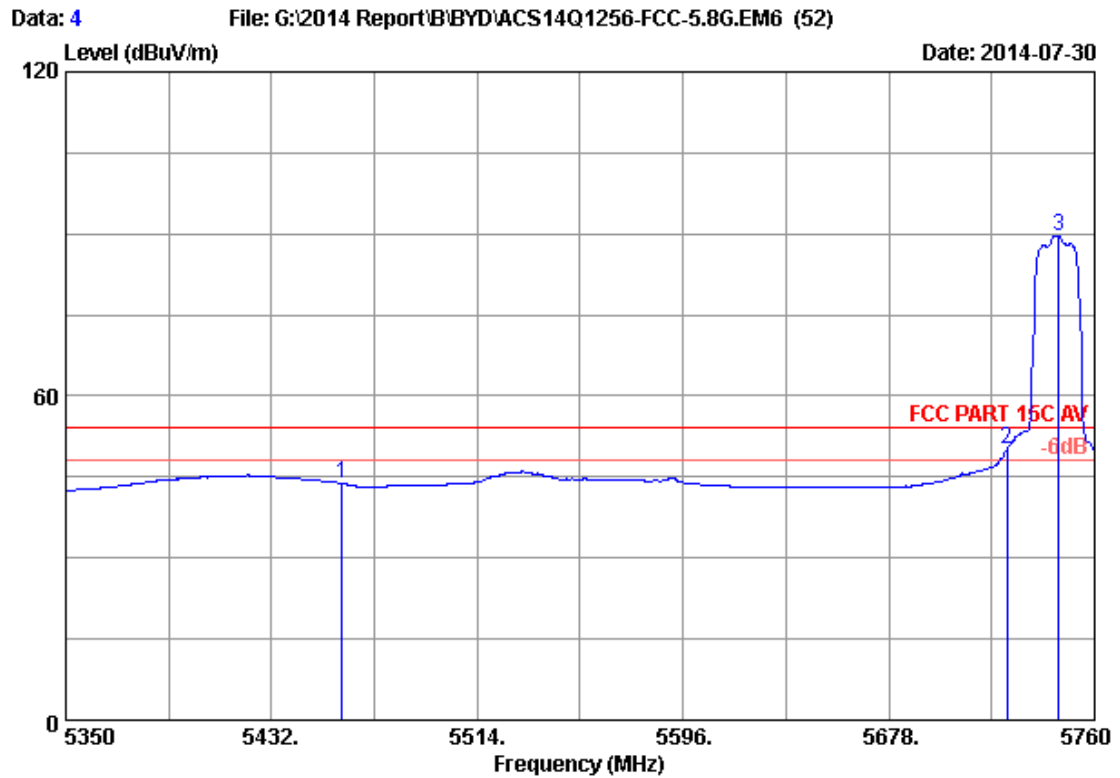
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.

**UNII Band 4:**


Site no. : 3m Chamber Data no. : 3  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 5460.000       | 33.94                    | 9.25                  | 35.70                 | 47.75             | 55.24                         | 74.00              | 18.76          | Peak   |
| 2   | 5725.000       | 34.09                    | 9.52                  | 35.70                 | 62.48             | 70.39                         | 74.00              | 3.61           | Peak   |
| 3   | 5744.420       | 34.10                    | 9.54                  | 35.70                 | 95.83             | 103.77                        | 74.00              | -29.77         | Peak   |

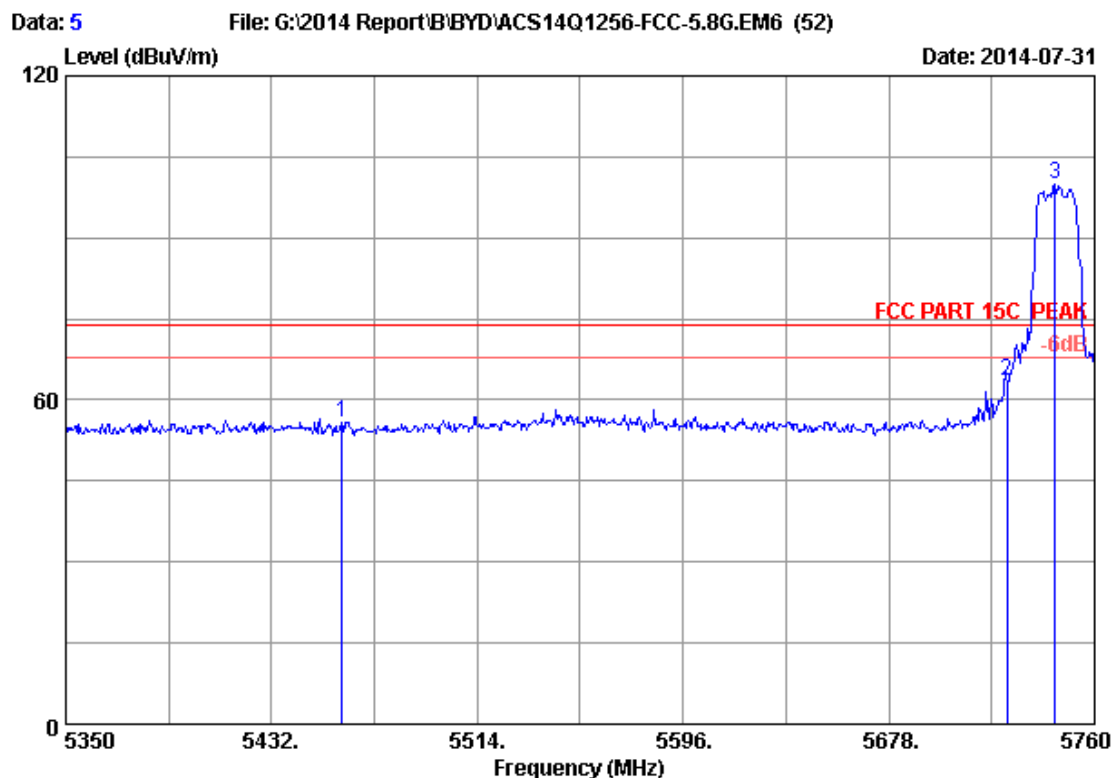
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 4  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 5460.000       | 33.94                    | 9.25                  | 35.70                 | 36.29             | 43.78                         | 54.00              | 10.22          | Average |
| 2   | 5725.000       | 34.09                    | 9.52                  | 35.70                 | 42.25             | 50.16                         | 54.00              | 3.84           | Average |
| 3   | 5745.650       | 34.10                    | 9.55                  | 35.70                 | 81.72             | 89.67                         | 54.00              | -35.67         | Average |

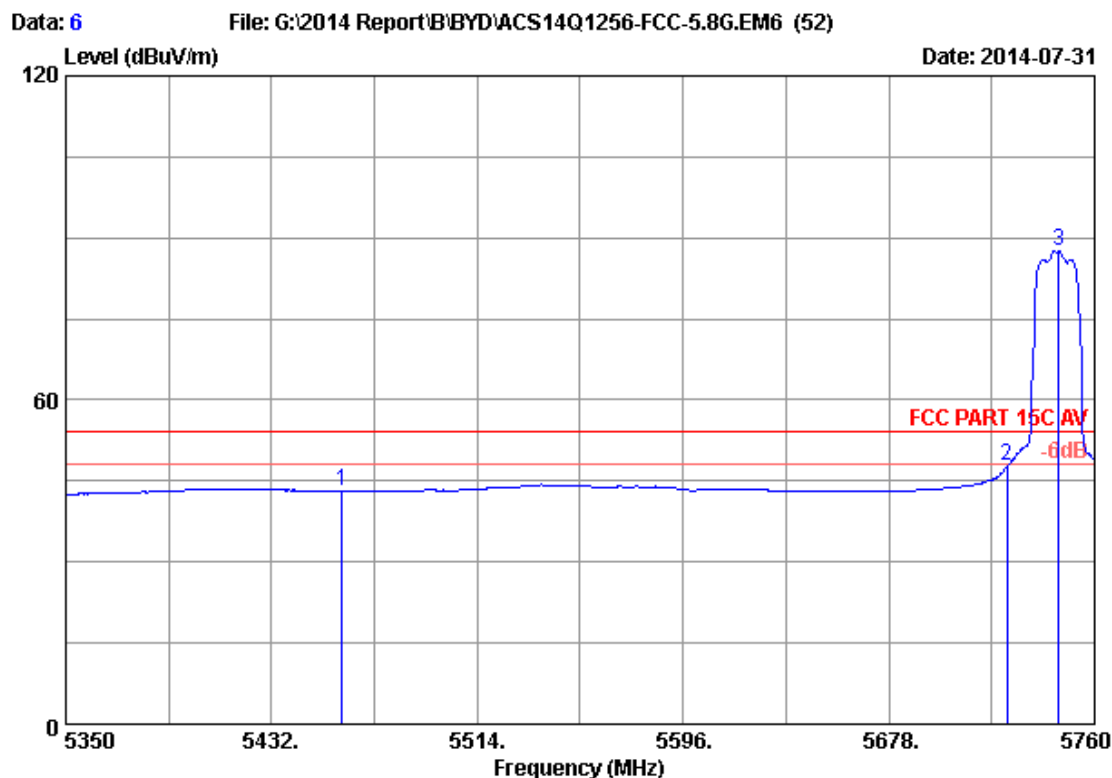
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 5  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 5460.000       | 33.94                    | 9.25                  | 35.70                 | 48.38             | 55.87                         | 74.00              | 18.13          | Peak   |
| 2   | 5725.000       | 34.09                    | 9.52                  | 35.70                 | 55.58             | 63.49                         | 74.00              | 10.51          | Peak   |
| 3   | 5744.420       | 34.10                    | 9.54                  | 35.70                 | 91.99             | 99.93                         | 74.00              | -25.93         | Peak   |

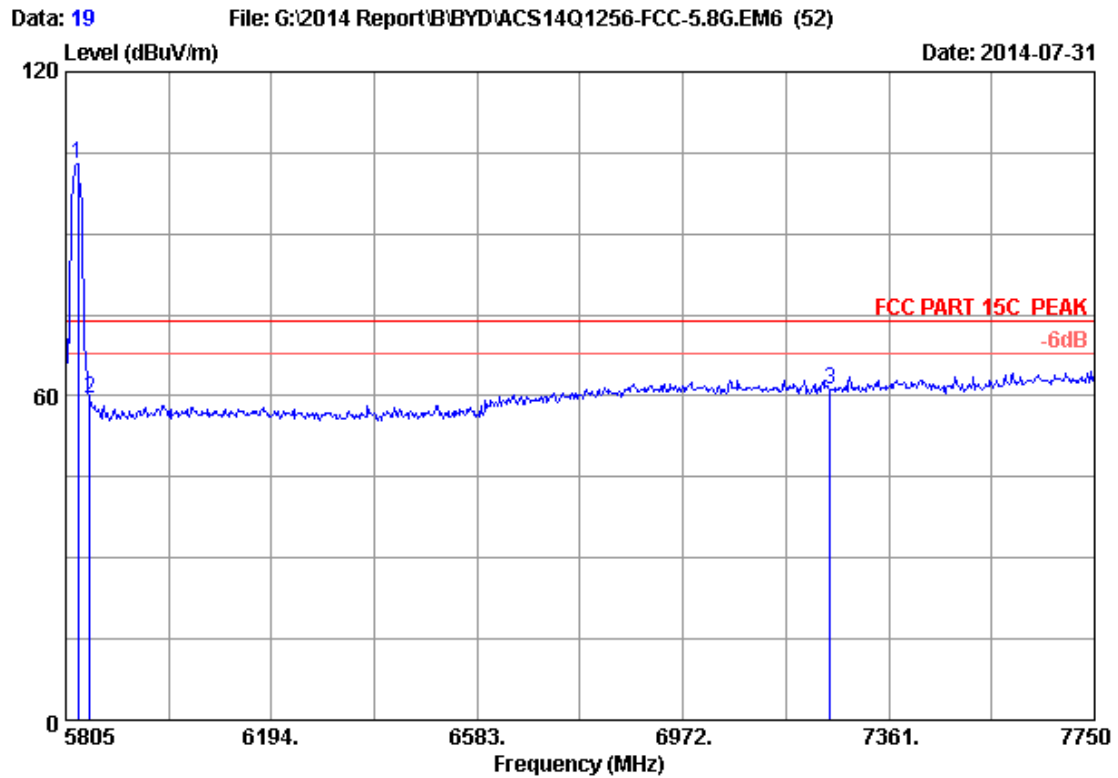
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 6  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 5460.000       | 33.94                    | 9.25                  | 35.70                 | 35.56             | 43.05                         | 54.00              | 10.95          | Average |
| 2   | 5725.000       | 34.09                    | 9.52                  | 35.70                 | 39.83             | 47.74                         | 54.00              | 6.26           | Average |
| 3   | 5745.650       | 34.10                    | 9.55                  | 35.70                 | 79.53             | 87.48                         | 54.00              | -33.48         | Average |

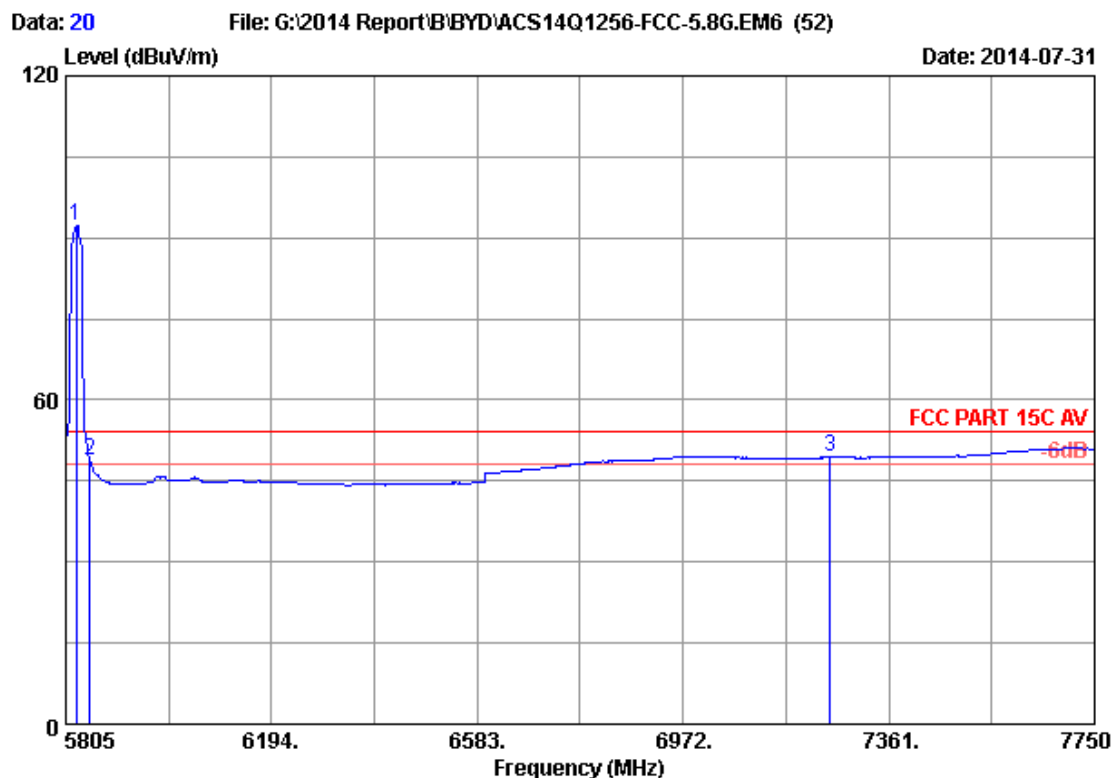
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 19  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 5828.340       | 34.13                    | 9.63                  | 35.70                 | 94.91             | 102.97                        | 74.00              | -28.97         | Peak   |
| 2   | 5850.000       | 34.14                    | 9.66                  | 35.70                 | 51.25             | 59.35                         | 74.00              | 14.65          | Peak   |
| 3   | 7250.000       | 36.05                    | 10.99                 | 35.45                 | 49.73             | 61.32                         | 74.00              | 12.68          | Peak   |

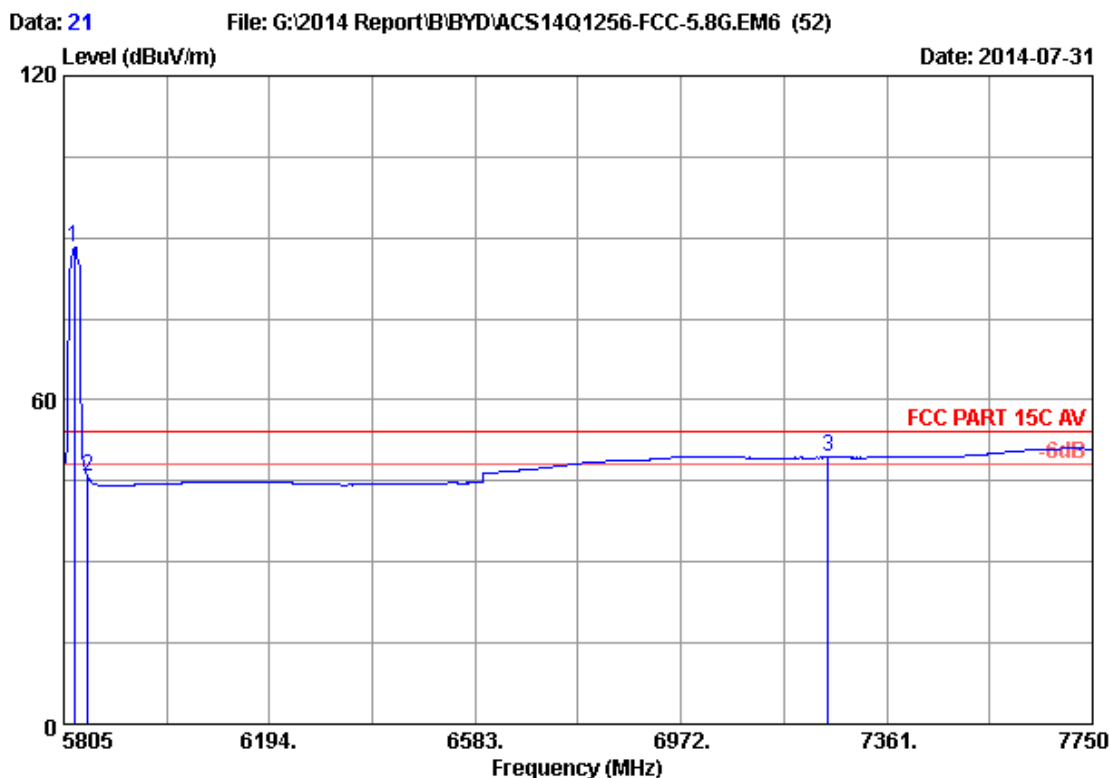
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 20  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 5824.450       | 34.13                    | 9.63                  | 35.70                 | 84.32             | 92.38                         | 54.00              | -38.38         | Average |
| 2   | 5850.000       | 34.14                    | 9.66                  | 35.70                 | 40.75             | 48.85                         | 54.00              | 5.15           | Average |
| 3   | 7250.000       | 36.05                    | 10.99                 | 35.45                 | 37.74             | 49.33                         | 54.00              | 4.67           | Average |

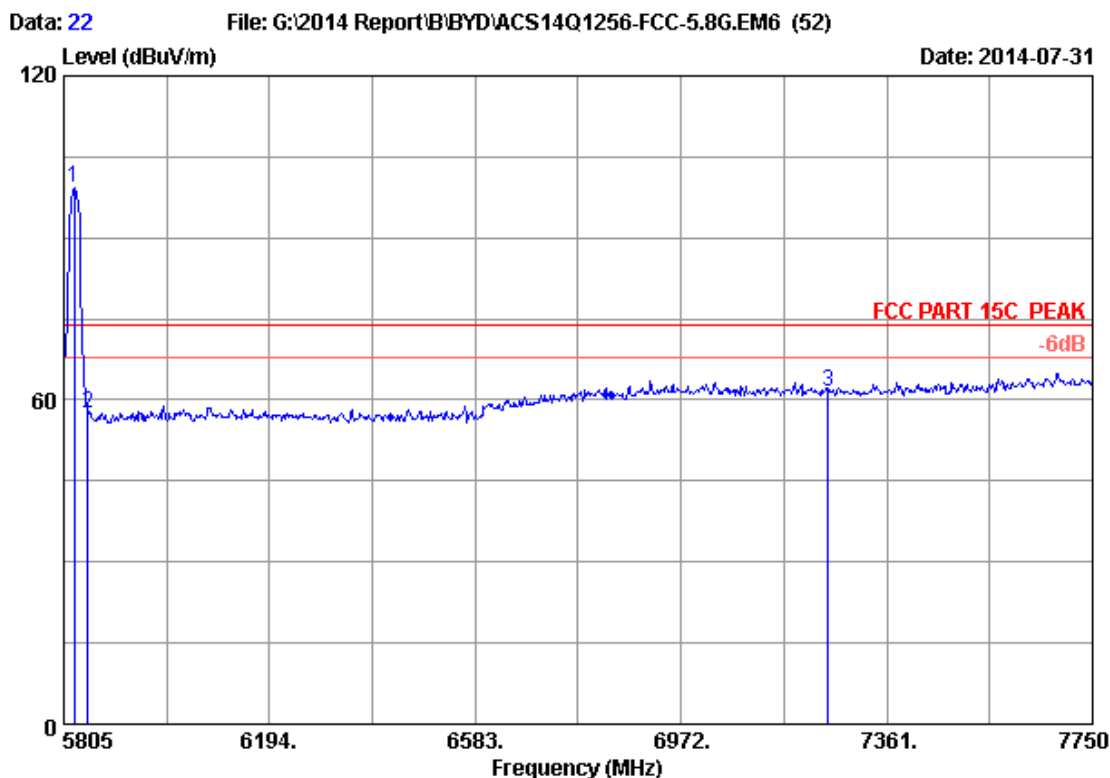
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 21  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 5824.450       | 34.13                    | 9.63                  | 35.70                 | 80.21             | 88.27                         | 54.00              | -34.27         | Average |
| 2   | 5850.000       | 34.14                    | 9.66                  | 35.70                 | 37.63             | 45.73                         | 54.00              | 8.27           | Average |
| 3   | 7250.000       | 36.05                    | 10.99                 | 35.45                 | 37.76             | 49.35                         | 54.00              | 4.65           | Average |

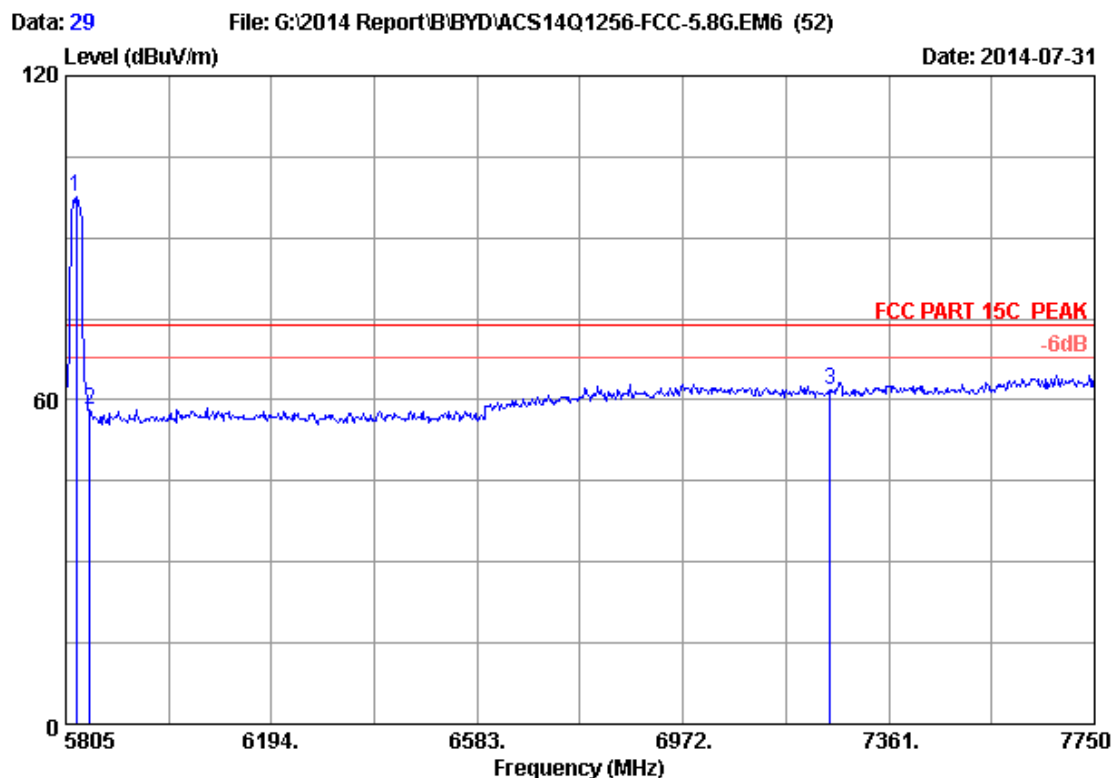
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 22  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11a CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 5824.450       | 34.13                    | 9.63                  | 35.70                 | 91.30             | 99.36                         | 74.00              | -25.36         | Peak   |
| 2   | 5850.000       | 34.14                    | 9.66                  | 35.70                 | 49.29             | 57.39                         | 74.00              | 16.61          | Peak   |
| 3   | 7250.000       | 36.05                    | 10.99                 | 35.45                 | 49.81             | 61.40                         | 74.00              | 12.60          | Peak   |

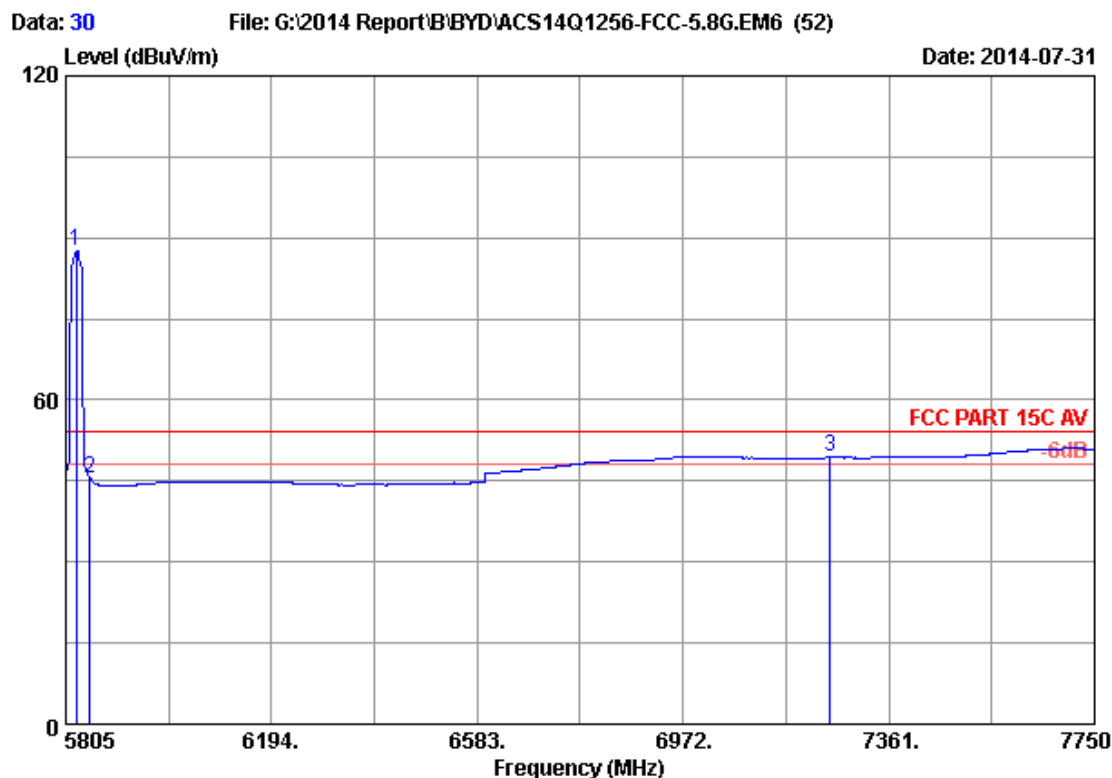
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 29  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 5824.450       | 34.13                    | 9.63                  | 35.70                 | 89.53             | 97.59                         | 74.00              | -23.59         | Peak   |
| 2   | 5850.000       | 34.14                    | 9.66                  | 35.70                 | 50.13             | 58.23                         | 74.00              | 15.77          | Peak   |
| 3   | 7250.000       | 36.05                    | 10.99                 | 35.45                 | 50.10             | 61.69                         | 74.00              | 12.31          | Peak   |

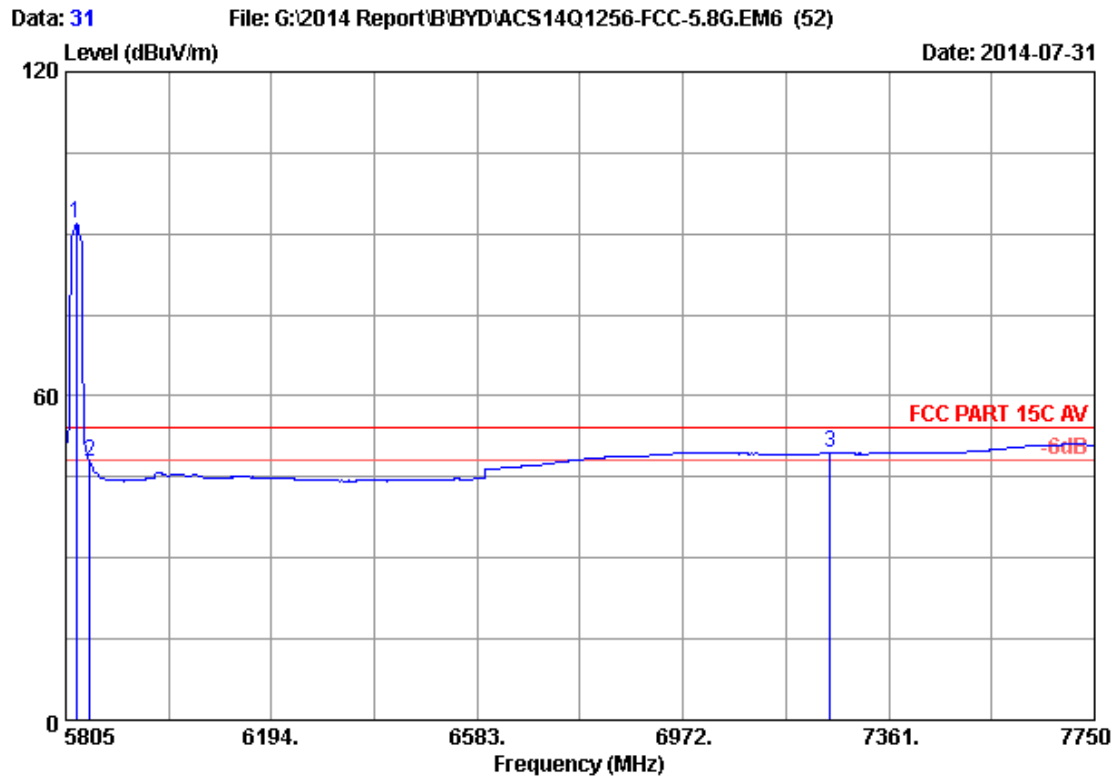
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 30  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 5824.450       | 34.13                    | 9.63                  | 35.70                 | 79.65             | 87.71                         | 54.00              | -33.71         | Average |
| 2   | 5850.000       | 34.14                    | 9.66                  | 35.70                 | 37.48             | 45.58                         | 54.00              | 8.42           | Average |
| 3   | 7250.000       | 36.05                    | 10.99                 | 35.45                 | 37.73             | 49.32                         | 54.00              | 4.68           | Average |

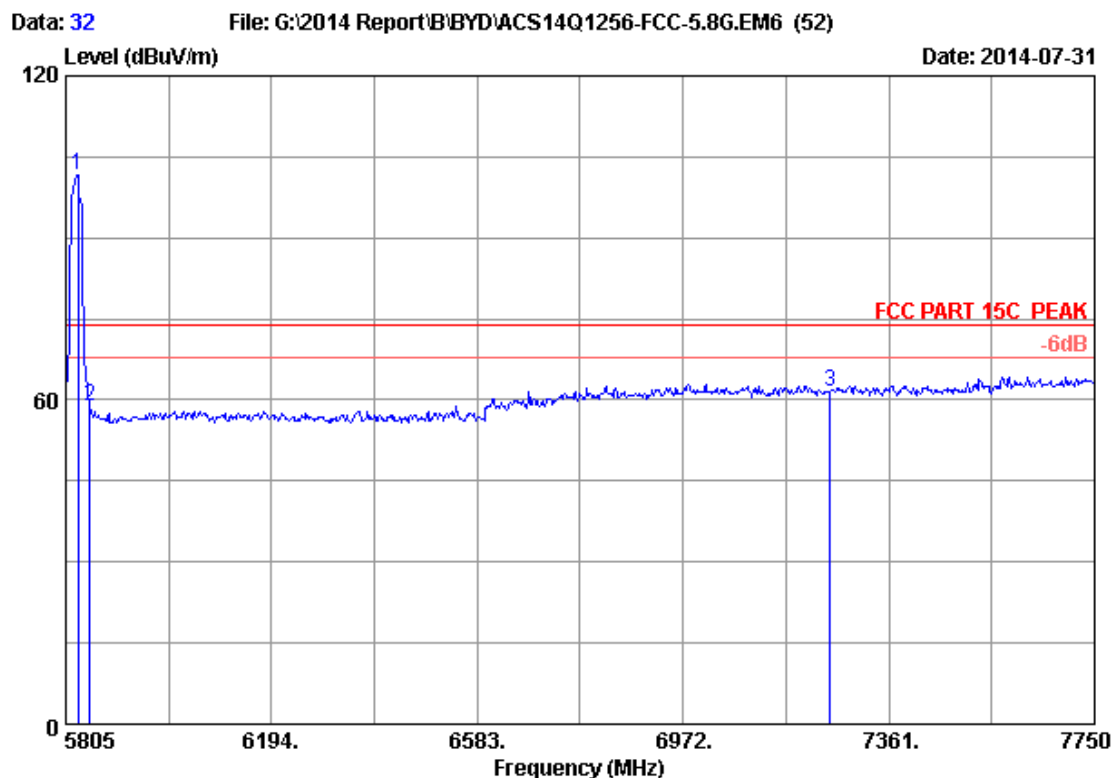
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 31  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 5824.450       | 34.13                    | 9.63                  | 35.70                 | 83.86             | 91.92                         | 54.00              | -37.92         | Average |
| 2   | 5850.000       | 34.14                    | 9.66                  | 35.70                 | 39.67             | 47.77                         | 54.00              | 6.23           | Average |
| 3   | 7250.000       | 36.05                    | 10.99                 | 35.45                 | 37.75             | 49.34                         | 54.00              | 4.66           | Average |

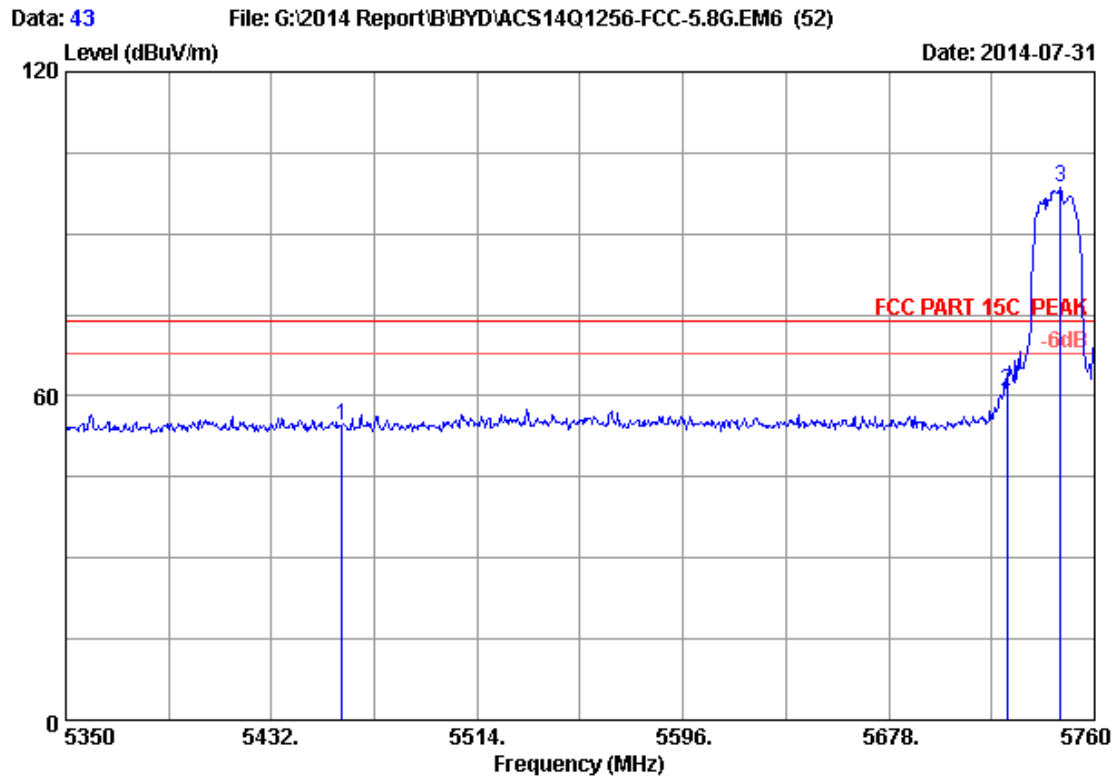
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 32  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH165 5825MHz Tx  
 M/N : AT10-B

| No. | 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   | 5828.340       | 34.13                    | 9.63                  | 35.70                 | 93.61             | 101.67                        | 74.00              | -27.67         | Peak   |
| 2   | 5850.000       | 34.14                    | 9.66                  | 35.70                 | 50.60             | 58.70                         | 74.00              | 15.30          | Peak   |
| 3   | 7250.000       | 36.05                    | 10.99                 | 35.45                 | 50.06             | 61.65                         | 74.00              | 12.35          | Peak   |

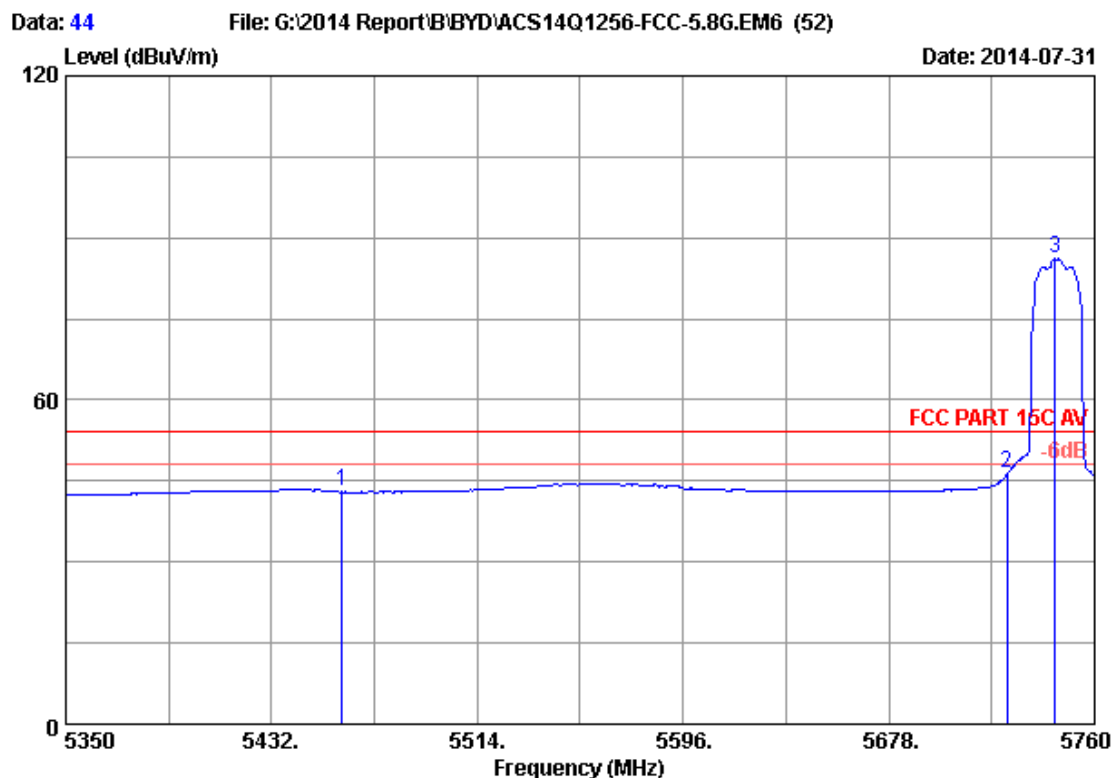
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 43  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 5460.000       | 33.94                    | 9.25                  | 35.70                 | 47.11             | 54.60                         | 74.00              | 19.40          | Peak   |
| 2   | 5725.000       | 34.09                    | 9.52                  | 35.70                 | 53.08             | 60.99                         | 74.00              | 13.01          | Peak   |
| 3   | 5746.470       | 34.10                    | 9.55                  | 35.70                 | 90.64             | 98.59                         | 74.00              | -24.59         | Peak   |

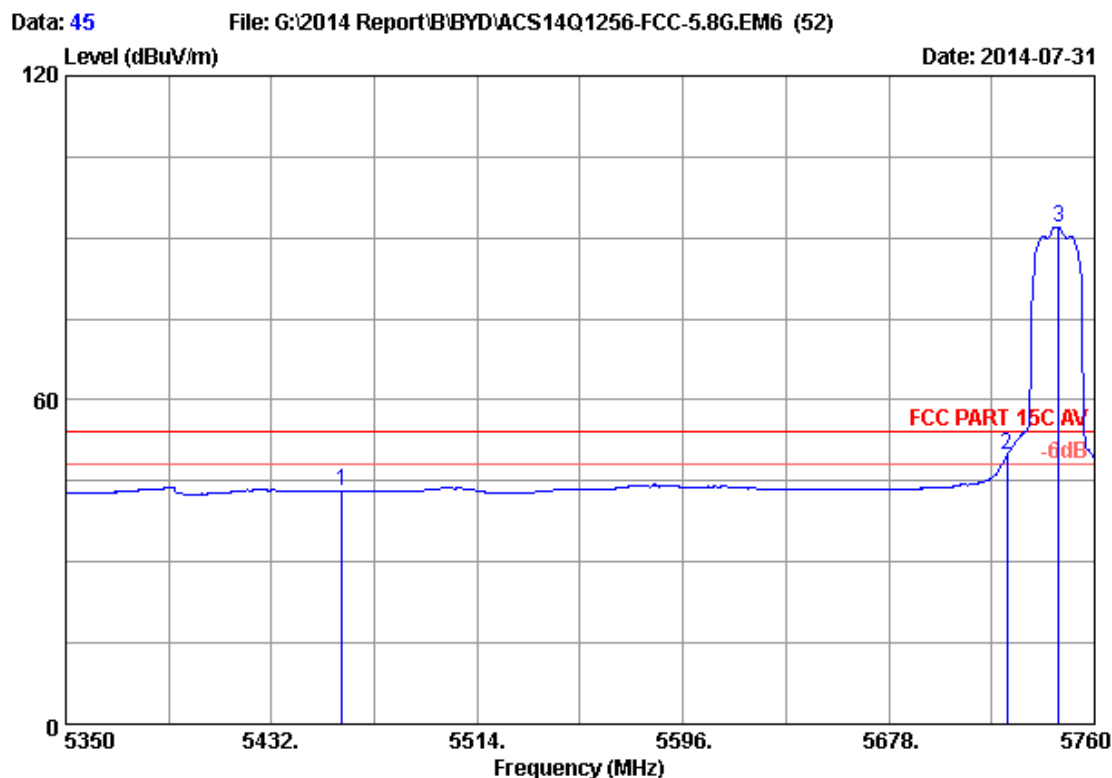
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 44  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 5460.000       | 33.94                    | 9.25                  | 35.70                 | 35.48             | 42.97                         | 54.00              | 11.03          | Average |
| 2   | 5725.000       | 34.09                    | 9.52                  | 35.70                 | 38.39             | 46.30                         | 54.00              | 7.70           | Average |
| 3   | 5744.420       | 34.10                    | 9.54                  | 35.70                 | 78.15             | 86.09                         | 54.00              | -32.09         | Average |

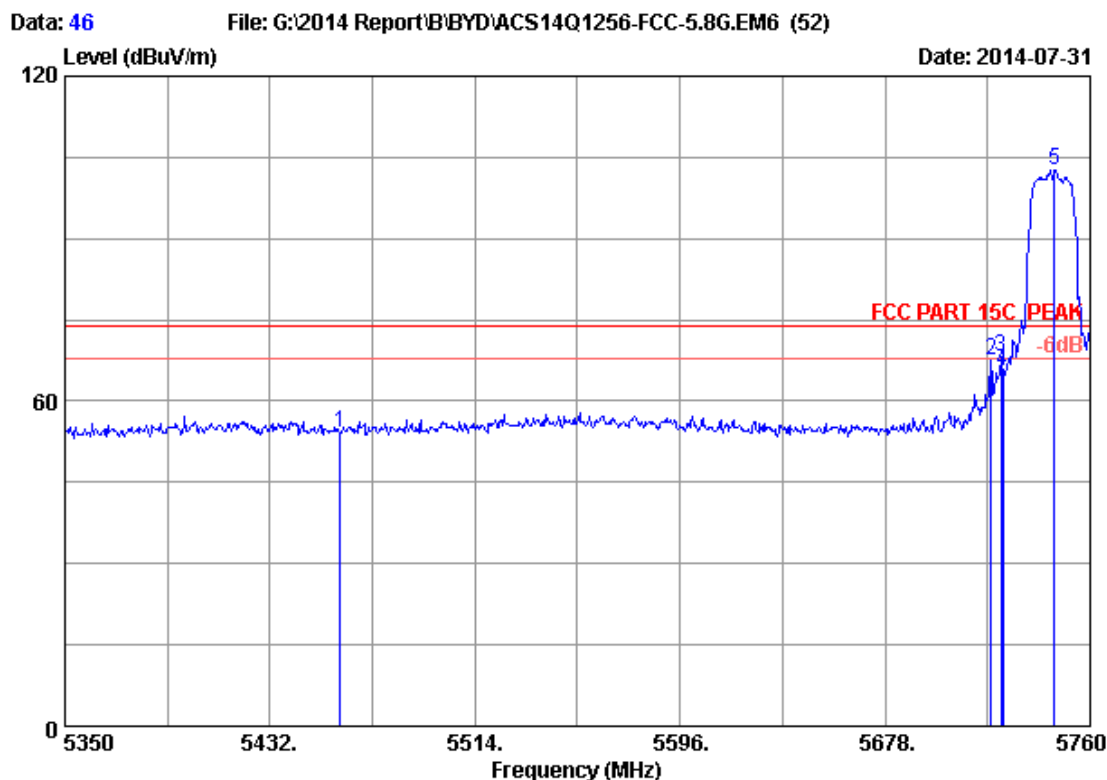
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 45  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C 9K-30M  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 5460.000       | 33.94                    | 9.25                  | 35.70                 | 35.61             | 43.10                         | 54.00              | 10.90          | Average |
| 2   | 5725.000       | 34.09                    | 9.52                  | 35.70                 | 41.95             | 49.86                         | 54.00              | 4.14           | Average |
| 3   | 5745.650       | 34.10                    | 9.55                  | 35.70                 | 84.03             | 91.98                         | 54.00              | -37.98         | Average |

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



Site no. : 3m Chamber Data no. : 46  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Kevin\_HMJ  
 EUT : Tablet PC  
 Power Rating : DC 5V From Adapter Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 CH149 5745MHz Tx  
 M/N : AT10-B

| No. | 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   | 5460.000       | 33.94                    | 9.25                  | 35.70                 | 46.75             | 54.24                         | 74.00              | 19.76          | Peak   |
| 2   | 5720.230       | 34.09                    | 9.52                  | 35.70                 | 59.55             | 67.46                         | 74.00              | 6.54           | Peak   |
| 3   | 5724.330       | 34.09                    | 9.52                  | 35.70                 | 60.44             | 68.35                         | 74.00              | 5.65           | Peak   |
| 4   | 5725.000       | 34.09                    | 9.52                  | 35.70                 | 57.65             | 65.56                         | 74.00              | 8.44           | Peak   |
| 5   | 5745.650       | 34.10                    | 9.55                  | 35.70                 | 94.81             | 102.76                        | 74.00              | -28.76         | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Ant Factor  
 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          | Agilent      | N9030A      | MY51380221 | Oct.31, 13 | 1Year         |
| 2.   | Attenuator (20dB) | Agilent      | 8491B       | MY39262165 | Apr. 28,14 | 1 Year        |
| 3.   | RF Cable          | Hubersuhner  | SUCOFLEX102 | 28620/2    | Apr. 28,14 | 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 300kHz RBW and 1MHz 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

#### 2.4G:

|                       |                         |                          |
|-----------------------|-------------------------|--------------------------|
| EUT: Tablet PC        |                         |                          |
| M/N: AT10-B           |                         |                          |
| Test date: 2014-07-18 | Pressure: 101.1±1.0 kpa | Humidity: 49.7±3.0%      |
| Tested by: Kevin_Hu   | Test site: RF site      | Temperature: 22.8±0.6 °C |

| Cable loss: 1 dB  |      | Attenuator loss: 20 dB |             |
|-------------------|------|------------------------|-------------|
| Test Mode         | CH   | 6dB bandwidth ( MHz )  | Limit (KHz) |
| 11b               | CH1  | 7.584                  | >500        |
|                   | CH6  | 7.632                  | >500        |
|                   | CH11 | 7.604                  | >500        |
| 11g               | CH1  | 15.88                  | >500        |
|                   | CH6  | 16.03                  | >500        |
|                   | CH11 | 15.95                  | >500        |
| 11n<br>HT20       | CH1  | 17.23                  | >500        |
|                   | CH6  | 17.28                  | >500        |
|                   | CH11 | 17.27                  | >500        |
| Conclusion : PASS |      |                        |             |

**UNII Band 4:**

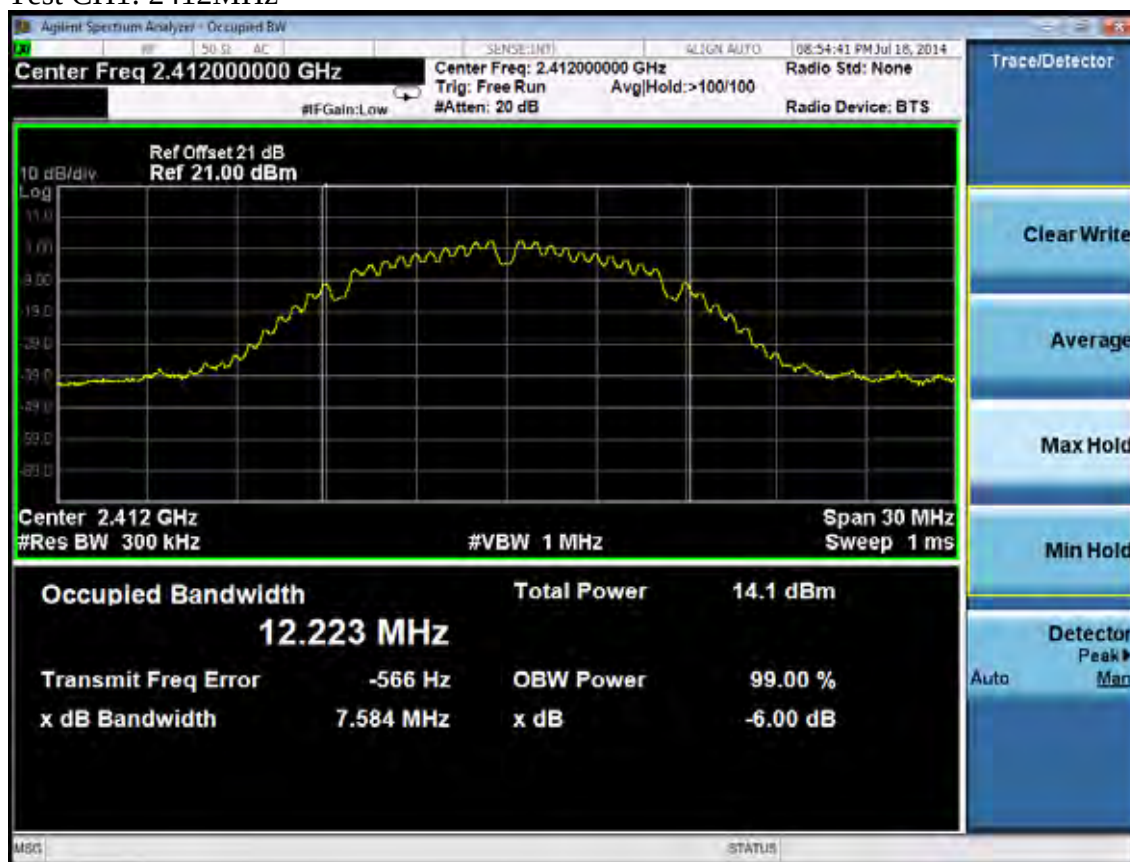
|                       |                         |                         |
|-----------------------|-------------------------|-------------------------|
| EUT: Tablet PC        |                         |                         |
| M/N: AT10-B           |                         |                         |
| Test date: 2014-07-26 | Pressure: 101.2±1.0 kpa | Humidity:52.5±3.0%      |
| Tested by: Kevin_Hu   | Test site: RF site      | Temperature:22.1±0.6 °C |

| Cable loss: 1 dB  |                      | Attenuator loss: 20 dB   |                |
|-------------------|----------------------|--------------------------|----------------|
| Test Mode         | Frequency<br>( MHz ) | 6dB bandwidth<br>( MHz ) | Limit<br>(KHz) |
| 11a               | 5745                 | 16.19                    | >500           |
|                   | 5785                 | 15.98                    | >500           |
|                   | 5825                 | 15.95                    | >500           |
| 11n<br>HT20       | 5745                 | 17.37                    | >500           |
|                   | 5785                 | 17.22                    | >500           |
|                   | 5825                 | 17.06                    | >500           |
| Conclusion : PASS |                      |                          |                |

## 2.4G:

Test Mode: IEEE 802.11b TX

Test CH1: 2412MHz



Test CH6: 2437MHz

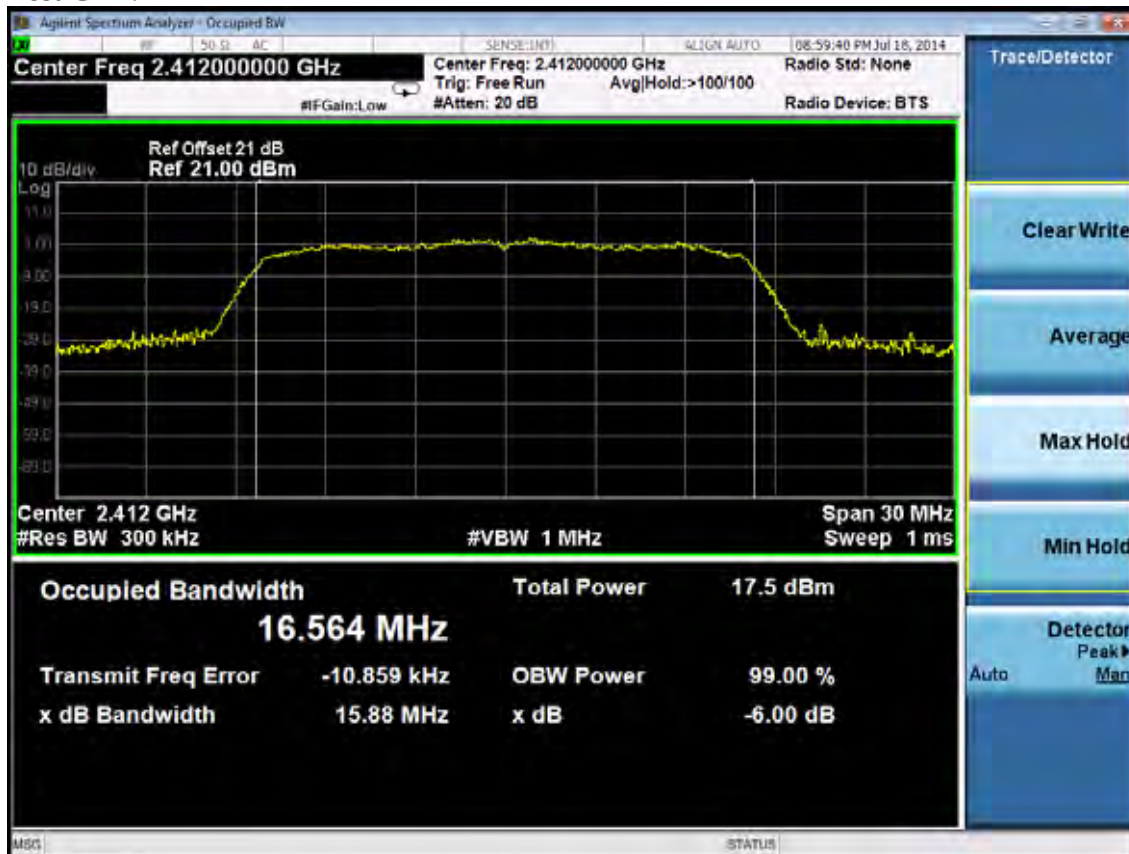


Test CH11: 2462MHz

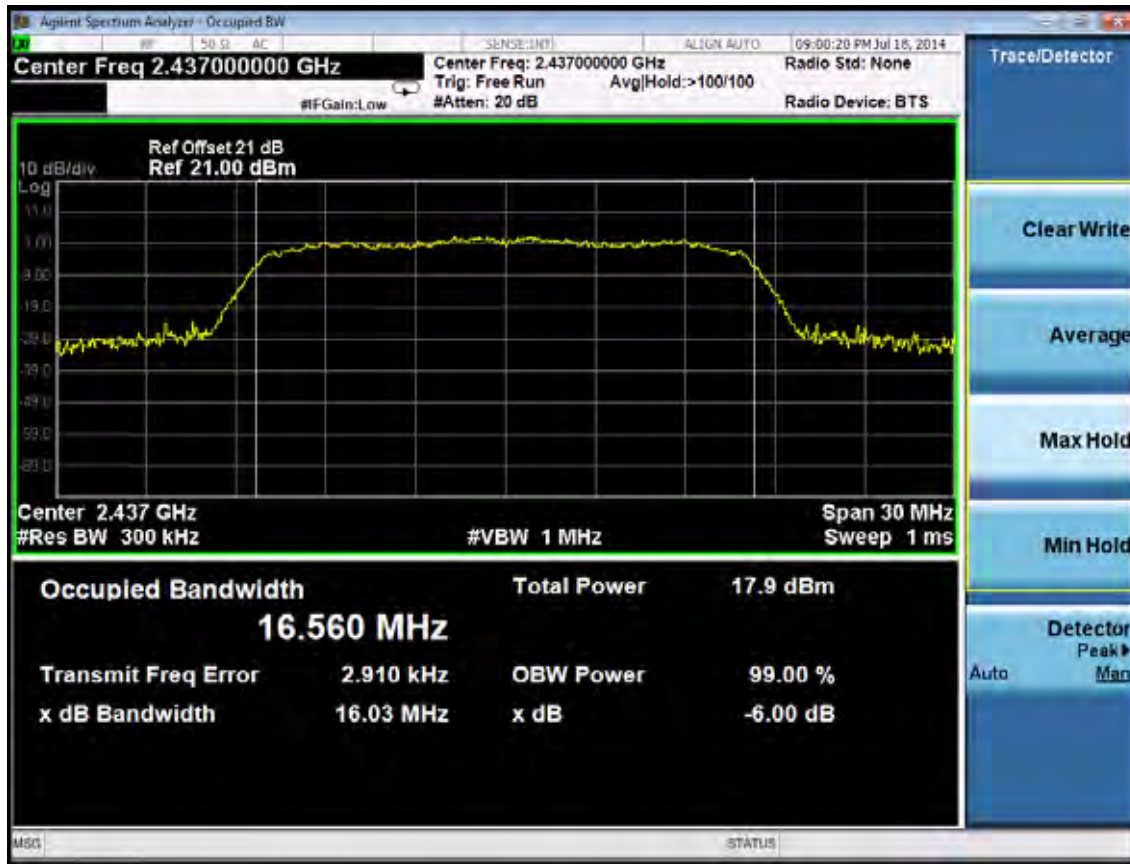


Test Mode: IEEE 802.11g TX

Test CH1: 2412MHz



Test CH6: 2437MHz

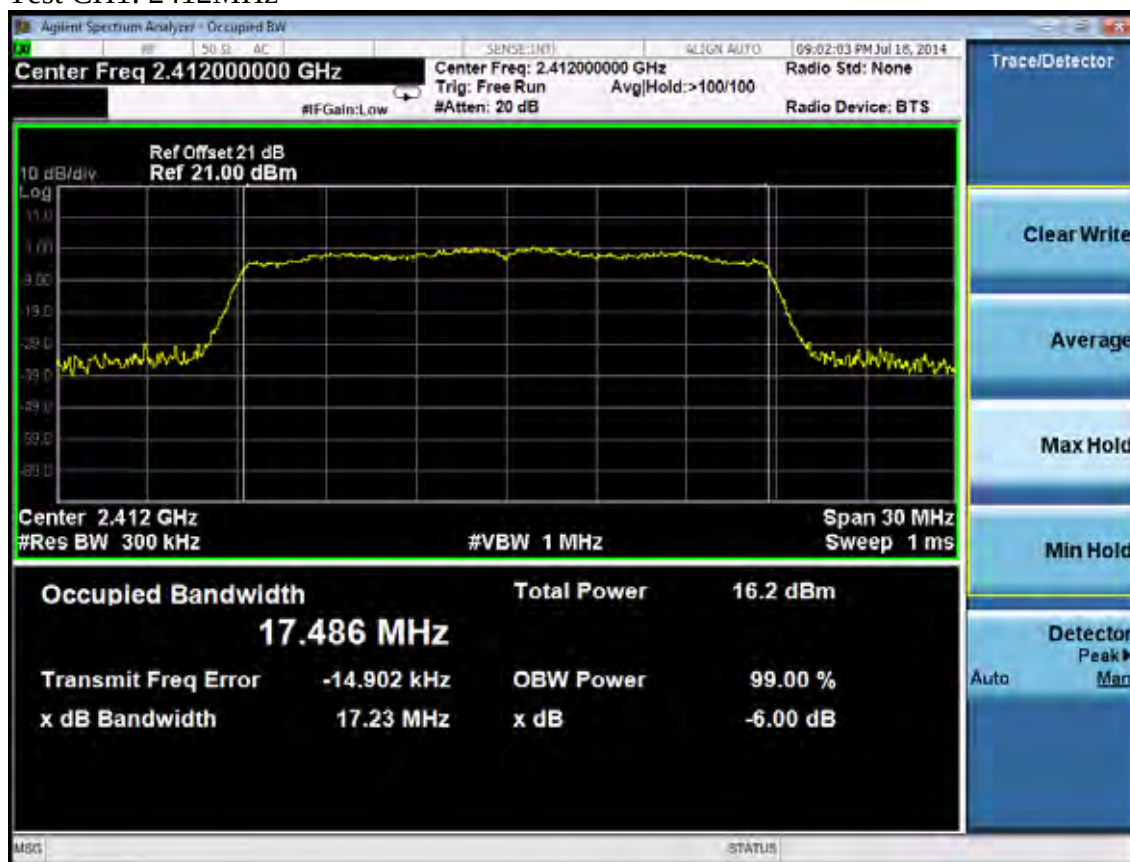


Test CH11: 2462MHz

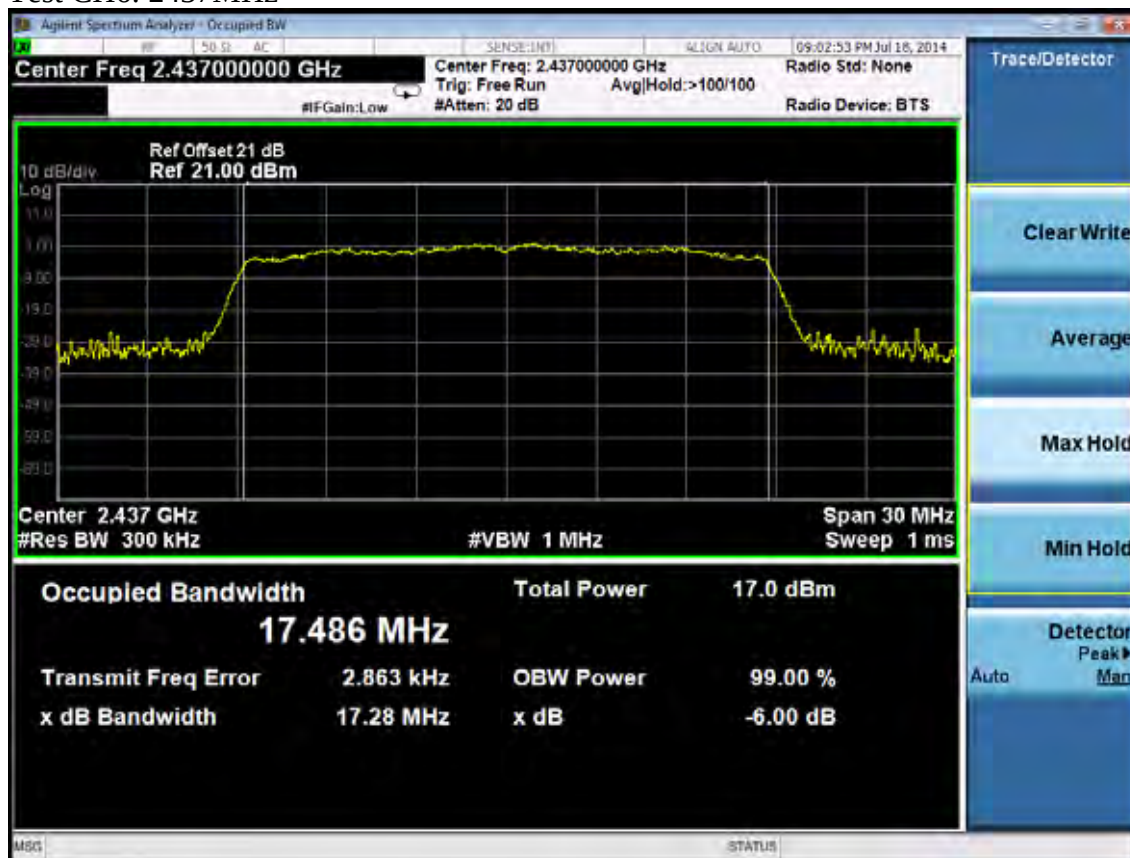


Test Mode: IEEE 802.11n HT20 TX

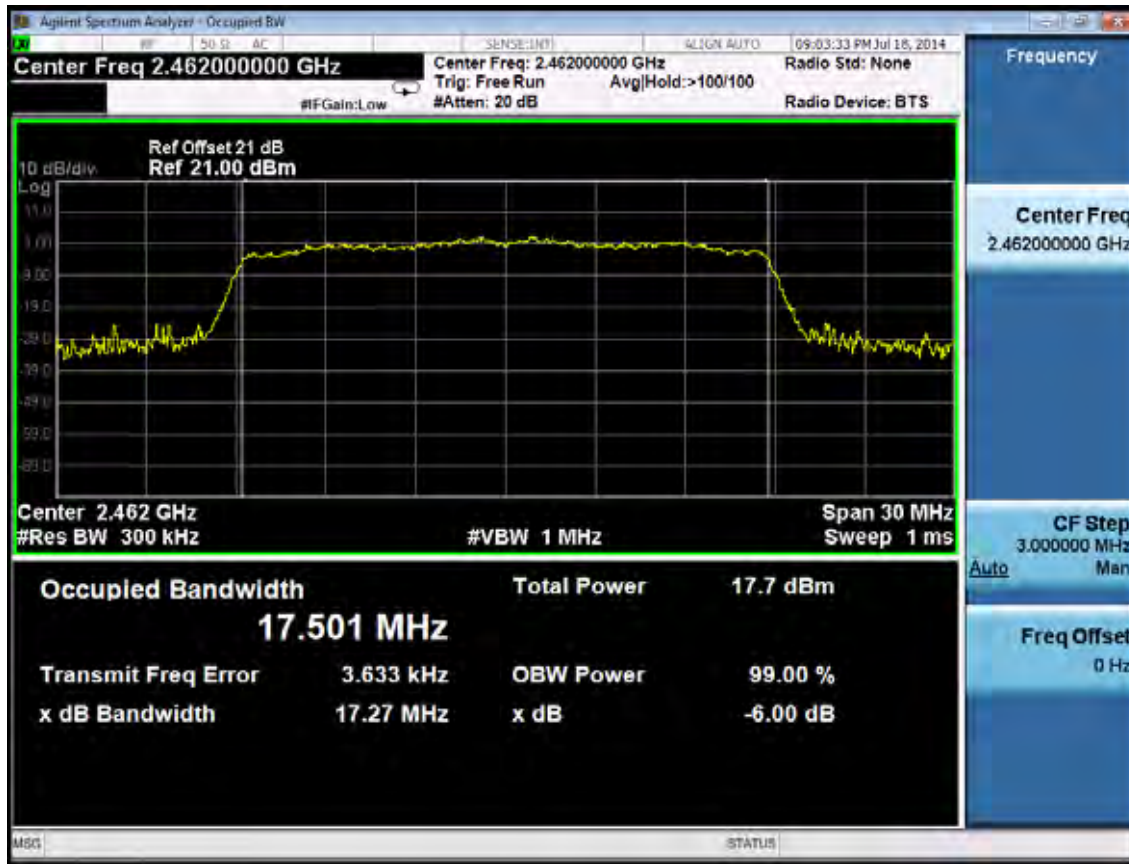
Test CH1: 2412MHz



Test CH6: 2437MHz



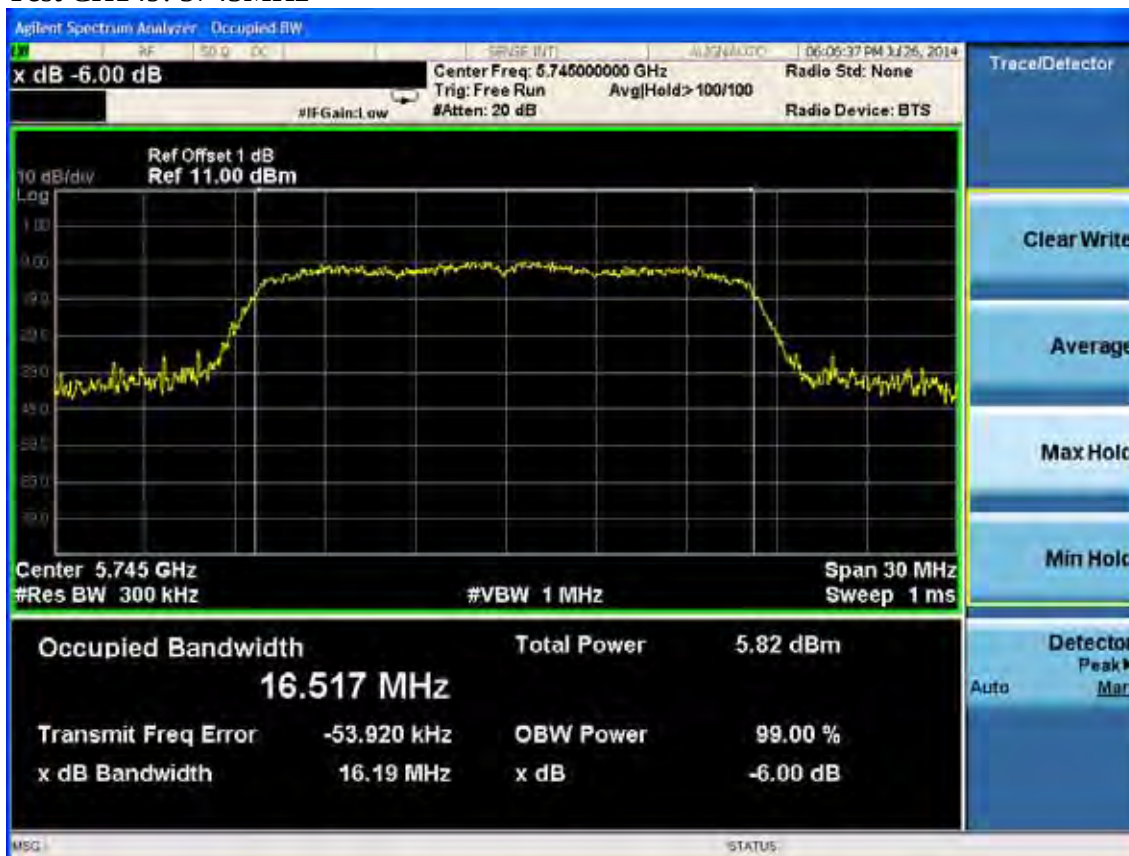
Test CH11: 2462MHz



UNII Band 4:

Test Mode: IEEE 802.11a TX

Test CH149: 5745MHz



Test CH157: 5785MHz



Test CH165: 5825MHz

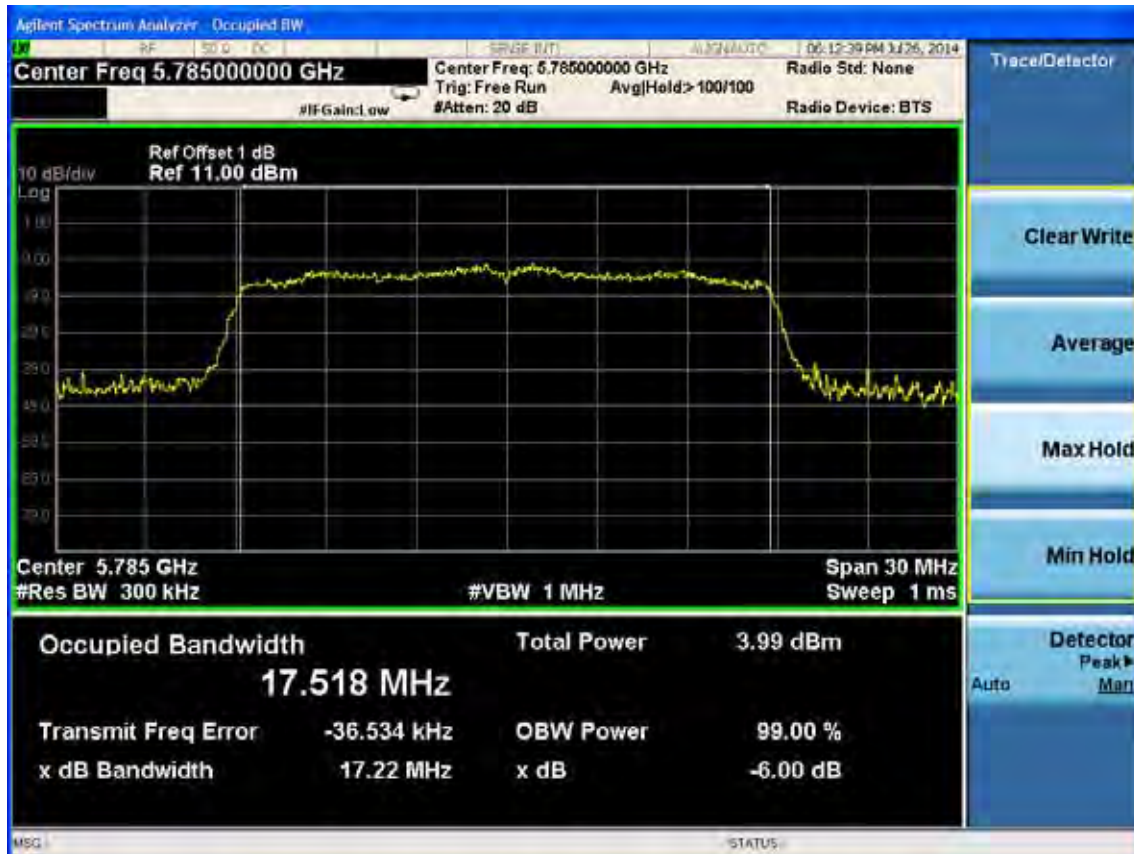


Test Mode: IEEE 802.11n HT20 TX

Test CH149: 5745MHz



Test CH157: 5785MHz



Test CH165: 5825MHz



## 8. OUTPUT POWER TEST

### 8.1. Test Equipment

| Item | Equipment            | Manufacturer | Model No.   | Serial No. | Last Cal.  | Cal. Interval |
|------|----------------------|--------------|-------------|------------|------------|---------------|
| 1.   | Spectrum             | Agilent      | E4446A      | US44300459 | Apr. 28,14 | 1 Year        |
| 2.   | Spectrum             | Agilent      | N9030A      | MY51380221 | Oct.31, 13 | 1Year         |
| 3.   | Power meter          | Anritsu      | ML2487A     | 6K00002472 | Apr. 28,14 | 1Year         |
| 4.   | Power sensor         | Anritsu      | MA2491A     | 0033005    | Apr. 28,14 | 1Year         |
| 5.   | Attenuator<br>(20dB) | Agilent      | 8491B       | MY39262165 | Apr. 28,14 | 1 Year        |
| 6    | RF Cable             | Hubersuhner  | SUCOFLEX102 | 28610/2    | Apr. 28,14 | 1 Year        |

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

For systems using digital modulation in the 2400—2483.5MHz, 5725-5850MHz, 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 26dB attenuator.
- 2, For IEEE 802.11b/g and IEEE802.11n HT20 mode, use a PK power meter which's bandwidth is 20MHz and above 26dB 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 use the test method described in KDB558074 clause 9.1.2.
  - 1) Set the RBW=1MHz and VBW =3MHz
  - 2) Set the span to a value that is 5-30% greater than EBW
  - 3) Detector = peak
  - 4) Sweep time = auto couple
  - 5) Trace Mode = max hold
  - 6) allow trace to fully stabilize
  - 7) use the spectrum analyser's integrated band power measurement function with band limits set equal to the EBW band edges.

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

## 8.4.Test Results

### 2.4G:

|                       |      |                           |                         |
|-----------------------|------|---------------------------|-------------------------|
| EUT: Tablet PC        |      |                           |                         |
| M/N: AT10-B           |      |                           |                         |
| Test date: 2014-07-18 |      | Pressure: 101.1±1.0 kpa   | Humidity: 50.2±3.0%     |
| Tested by: Kevin_Hu   |      | Test site: RF site        | Temperature:22.3±0.6 °C |
|                       |      |                           |                         |
| Cable loss: 1 dB      |      | Attenuator loss: 20 dB    |                         |
| Test Mode             | CH   | Peak output Power ( dBm ) | Limit (dBm)             |
| 11b                   | CH1  | 18.39                     | 30                      |
|                       | CH6  | 18.72                     | 30                      |
|                       | CH11 | 18.40                     | 30                      |
| 11g                   | CH1  | 20.35                     | 30                      |
|                       | CH6  | 21.11                     | 30                      |
|                       | CH11 | 21.03                     | 30                      |
| 11n<br>HT20           | CH1  | 21.08                     | 30                      |
|                       | CH6  | 21.89                     | 30                      |
|                       | CH11 | 21.33                     | 30                      |
| Conclusion: PASS      |      |                           |                         |

**UNII Band 4:**

|                       |                   |                         |                         |
|-----------------------|-------------------|-------------------------|-------------------------|
| EUT: Tablet PC        |                   |                         |                         |
| M/N: AT10-B           |                   |                         |                         |
| Test date: 2014-08-04 |                   | Pressure: 101.1±1.0 kpa | Humidity: 51.5±3.0%     |
| Tested by: Kevin_Hu   |                   | Test site: RF site      | Temperature:22.3±0.6 °C |
|                       |                   |                         |                         |
| Cable loss: 1 dB      |                   | Attenuator loss: 20 dB  |                         |
| Test Mode             | Frequency ( MHz ) | RF Output Power ( dBm ) | Limit (dBm)             |
| 11a                   | 5745              | 20.46                   | 30                      |
|                       | 5785              | 21.09                   | 30                      |
|                       | 5825              | 20.78                   | 30                      |
| 11n<br>HT20           | 5745              | 19.74                   | 30                      |
|                       | 5785              | 20.16                   | 30                      |
|                       | 5825              | 19.67                   | 30                      |
| Conclusion: PASS      |                   |                         |                         |

## 9. POWER SPECTRAL DENSITY TEST

### 9.1. Test Equipment

| Item | Equipment         | Manufacturer | Model No.   | Serial No. | Last Cal.  | Cal. Interval |
|------|-------------------|--------------|-------------|------------|------------|---------------|
| 1.   | Spectrum          | Agilent      | N9030A      | MY51380221 | Oct.31, 13 | 1Year         |
| 2.   | Attenuator (20dB) | Agilent      | 8491B       | MY39262165 | Apr. 28,14 | 1 Year        |
| 3    | RF Cable          | Hubersuhner  | SUCOFLEX102 | 28610/2    | Apr. 28,14 | 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. Set the test frequency as center frequency, Set RBW=3KHz, VBW=10KHz, Span large enough capture the entire frequency, Read out maximum peak level frequency
3. Set the frequency read from produce 2 as center frequency, then set the span= 300KHz, Sweep time=Span/RBW, Then Max hold, read out each mode and each ANT's Power density.

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

## 9.4.Test Results

### 2.4G:

|                       |                         |                       |
|-----------------------|-------------------------|-----------------------|
| EUT: Tablet PC        |                         |                       |
| M/N: AT10-B           |                         |                       |
| Test date: 2014-07-18 | Pressure: 101.2±1.0 kpa | Humidity:51.4±3.0%    |
| Tested by:Kevin_Hu    | Test site: RF Site      | Temperature:22.5±0.6℃ |

| Cable loss: 1 dB  |      | Attenuator loss: 20 dB     |                  |
|-------------------|------|----------------------------|------------------|
| Test Mode         | CH   | Power density ( dBm/3KHz ) | Limit (dBm/3KHz) |
| 11b               | CH1  | -8.630                     | 8                |
|                   | CH6  | -8.127                     | 8                |
|                   | CH11 | -6.576                     | 8                |
| 11g               | CH1  | -14.167                    | 8                |
|                   | CH6  | -12.018                    | 8                |
|                   | CH11 | -11.696                    | 8                |
| 11n Mode          |      |                            |                  |
| Test Mode         | CH   | Power density ( dBm/3KHz ) | Limit (dBm/3KHz) |
| 11n<br>HT20       | CH1  | -13.294                    | 8                |
|                   | CH6  | -12.456                    | 8                |
|                   | CH11 | -13.182                    | 8                |
| Conclusion : PASS |      |                            |                  |

**UNII Band 4:**

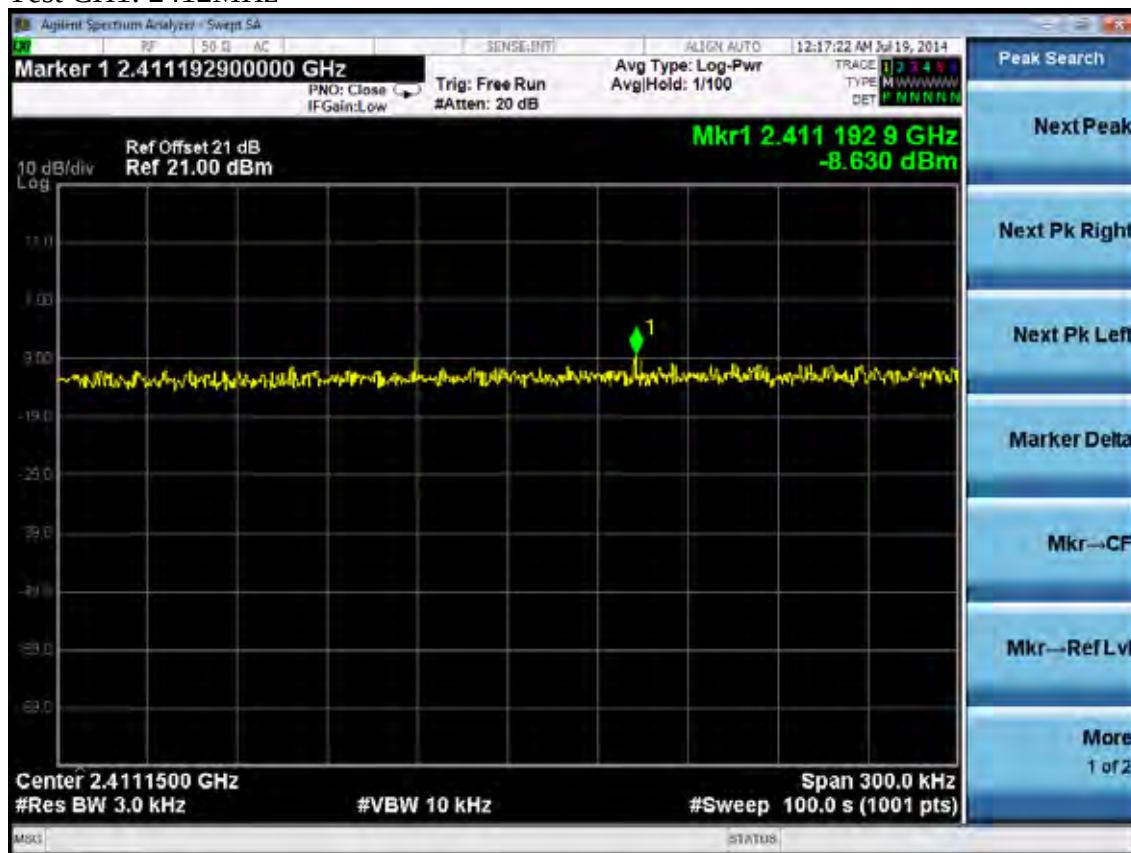
|                       |                         |                         |
|-----------------------|-------------------------|-------------------------|
| EUT: Tablet PC        |                         |                         |
| M/N: AT10-B           |                         |                         |
| Test date: 2014-08-04 | Pressure: 101.3±1.0 kpa | Humidity:52.1±3.0%      |
| Tested by:Kevin_Hu    | Test site: RF site      | Temperature:22.3±0.6 °C |

| Cable loss: 1 dB |                   | Attenuator loss: 20 dB     |             |
|------------------|-------------------|----------------------------|-------------|
| Test Mode        | Frequency ( MHz ) | Power Density<br>(dBm/MHz) | Limit       |
|                  |                   |                            | ( dBm/MHz ) |
| 11a              | 5745              | -12.184                    | 8           |
|                  | 5785              | -12.162                    | 8           |
|                  | 5825              | -12.718                    | 8           |
| 11n HT20         | 5745              | -11.919                    | 8           |
|                  | 5785              | -13.381                    | 8           |
|                  | 5825              | -13.944                    | 8           |
| Conclusion: PASS |                   |                            |             |

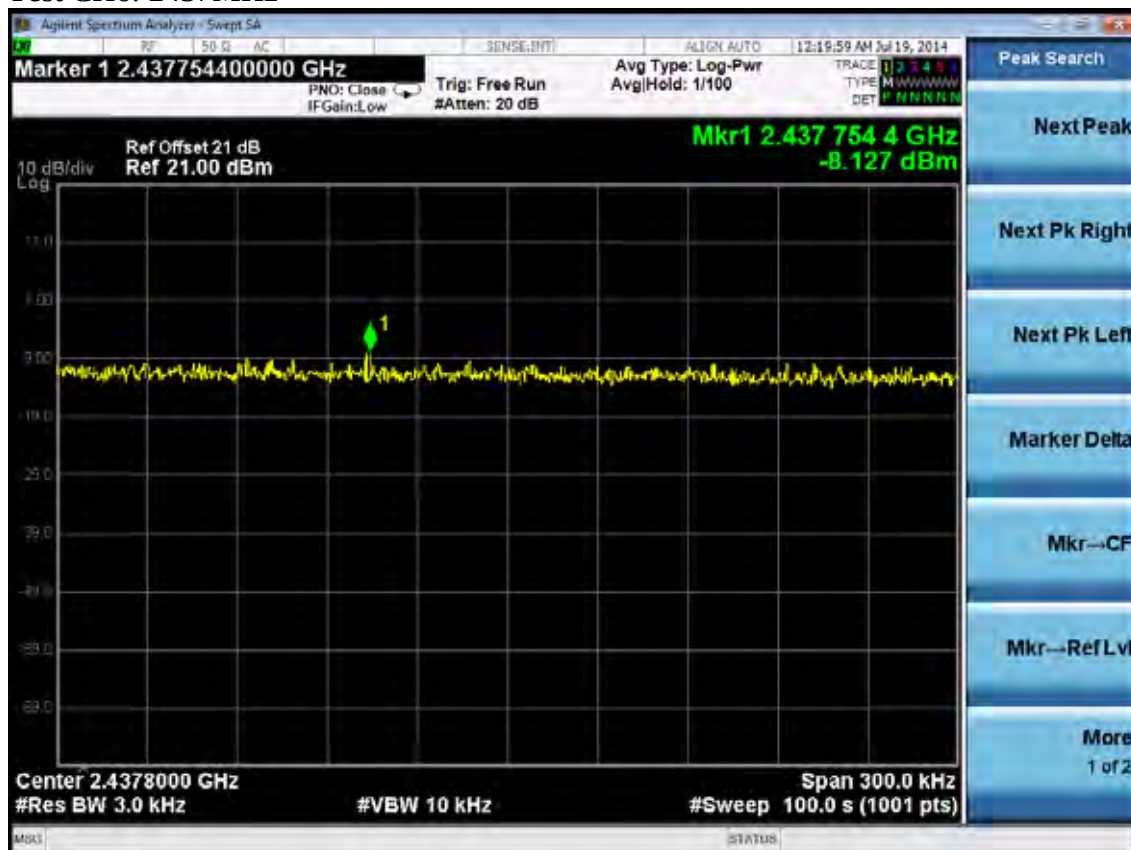
## 2.4G:

Test Mode: IEEE 802.11b TX

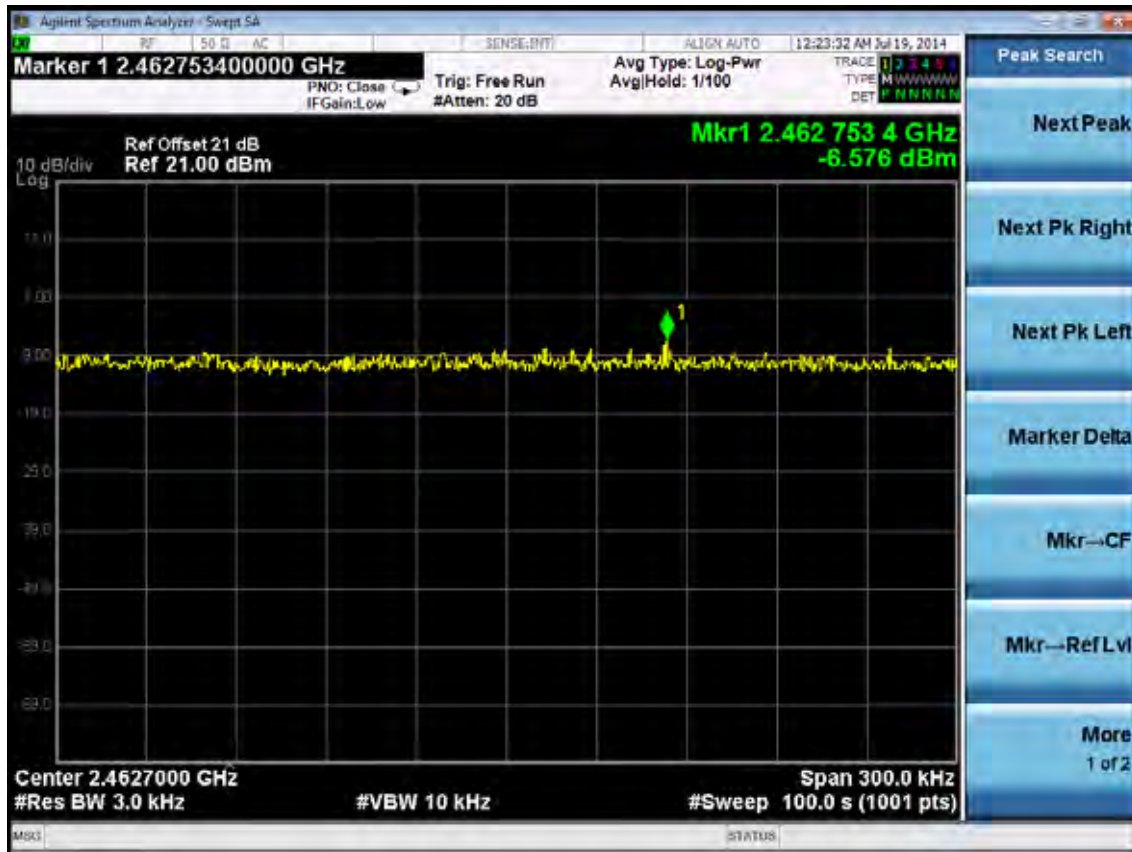
Test CH1: 2412MHz



Test CH6: 2437MHz

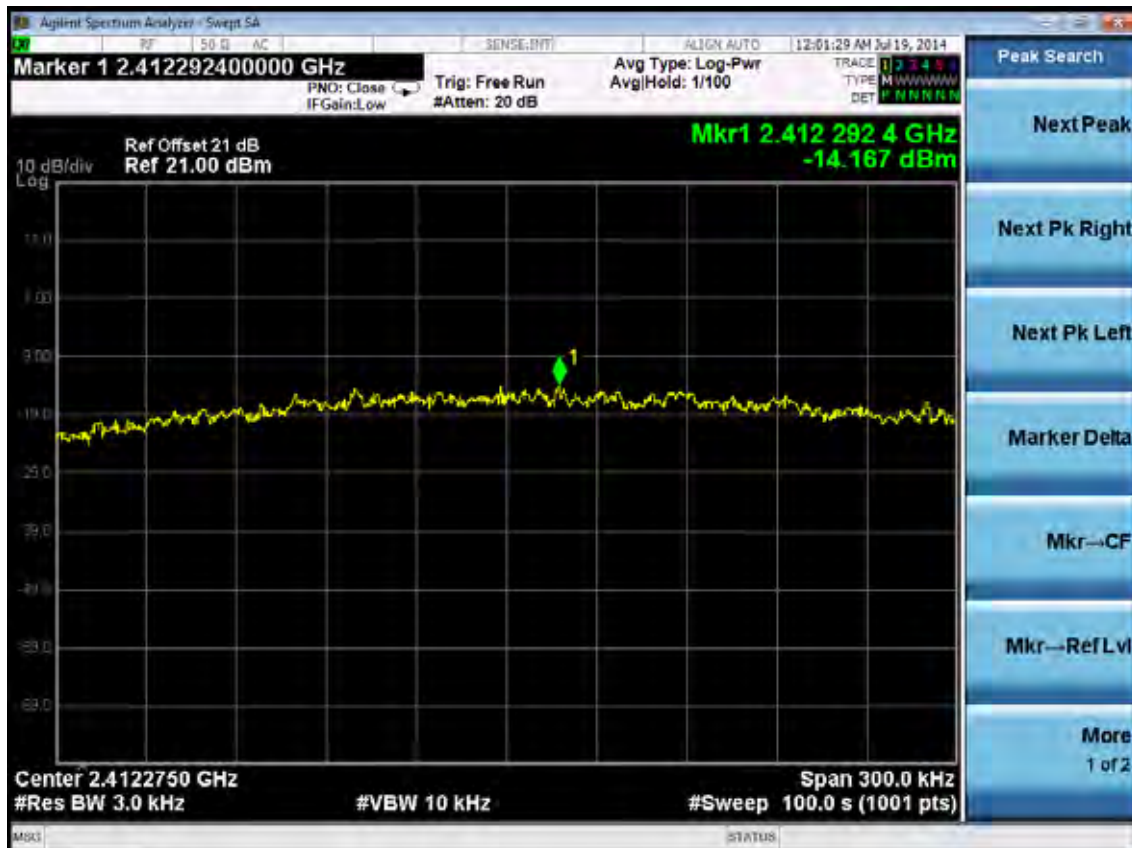


Test CH11: 2462MHz



Test Mode: IEEE 802.11g TX

Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH11: 2462MHz



Test Mode: IEEE 802.11n HT20 TX

Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH11: 2462MHz



UNII Band 4:

Test Mode: IEEE 802.11a TX

Test CH149: 5745MHz



Test CH157: 5785MHz



Test CH165: 5825MHz



Test Mode: IEEE 802.11n HT20 TX

Test CH149: 5745MHz



Test CH157: 5785MHz



Test CH165: 5825MHz



## 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 antennas used for this product are PIFA antenna 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 3.8dBi.

## 11.DEVIATION TO TEST SPECIFICATIONS

[NONE]