

## Test Result for Inspection

|              |                                   |
|--------------|-----------------------------------|
| Product Name | Intel® Dual Band Wireless-AC 8260 |
| Model No     | 8260D2W                           |
| FCC ID.      | PD98260D2                         |

|           |                                                                          |
|-----------|--------------------------------------------------------------------------|
| Applicant | Intel Mobile Communications                                              |
| Address   | 100 Center Point Circle, Suite 200 Columbia, South<br>Carolina 29210 USA |

|                 |                 |
|-----------------|-----------------|
| Date of Receipt | June 26, 2015   |
| Issue Date      | July 01, 2015   |
| Report No.      | 1570012S-CUSTOM |
| Report Version  | V1.0            |



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.

The test report shall not be reproduced without the written approval of QuieTek Corporation.

# Test Report

Issue Date: July 01, 2015

Report No.: 1570012S-CUSTOM



|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Product Name        | Intel® Dual Band Wireless-AC 8260                                                                                          |
| Applicant           | Intel Mobile Communications                                                                                                |
| Address             | 100 Center Point Circle, Suite 200 Columbia, South Carolina 29210 USA                                                      |
| Manufacturer        | Intel Mobile Communications                                                                                                |
| Model No.           | 8260D2W                                                                                                                    |
| EUT Rated Voltage   | DC 3.3V                                                                                                                    |
| EUT Test Voltage    | AC 120V/60Hz                                                                                                               |
| Trade Name          | Intel                                                                                                                      |
| Applicable Standard | FCC CFR Title 47 Part 15 Subpart C: 2013<br>ANSI C63.4: 2014, ANSI C63.10: 2013<br>KDB 558074 D01 DTS Meas Guidance v03r02 |
| Test Result         | Complied                                                                                                                   |

Documented By

:

*Rita Huang*

( Senior Adm. Specialist / Rita Huang )

Tested By

:

*Alan Chen*

( Engineer / Alan Chen )

Approved By

:

*Vincent Lin*

( Director / Vincent Lin )

## TABLE OF CONTENTS

| Description                                                    | Page      |
|----------------------------------------------------------------|-----------|
| <b>1. GENERAL INFORMATION .....</b>                            | <b>4</b>  |
| 1.1. EUT Description.....                                      | 4         |
| 1.2. Operational Description .....                             | 7         |
| 1.3. Tested System Details.....                                | 8         |
| 1.4. Configuration of Tested System .....                      | 8         |
| 1.5. EUT Exercise Software .....                               | 8         |
| 1.6. Test Facility .....                                       | 9         |
| <b>2. Peak Power Output .....</b>                              | <b>10</b> |
| 2.1. Test Equipment.....                                       | 10        |
| 2.2. Test Setup .....                                          | 10        |
| 2.3. Limits .....                                              | 10        |
| 2.4. Test Procedure .....                                      | 11        |
| 2.5. Uncertainty .....                                         | 11        |
| 2.6. Test Result of Peak Power Output.....                     | 12        |
| <b>3. Band Edge .....</b>                                      | <b>12</b> |
| 3.1. Test Equipment.....                                       | 13        |
| 3.2. Test Setup .....                                          | 14        |
| 3.3. Limits .....                                              | 14        |
| 3.4. Test Procedure .....                                      | 15        |
| 3.5. Uncertainty .....                                         | 15        |
| 3.6. Test Result of Band Edge .....                            | 16        |
| <b>4. EMI Reduction Method During Compliance Testing .....</b> | <b>40</b> |

## 1. GENERAL INFORMATION

### 1.1. EUT Description

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Product Name       | Intel® Dual Band Wireless-AC 8260                                            |
| Trade Name         | Intel                                                                        |
| Model No.          | 8260D2W                                                                      |
| FCC ID.            | PD98260D2                                                                    |
| Frequency Range    | 802.11b/g/n-20MHz:2412-2472MHz,802.11n-40MHz:2422-2462MHz                    |
| Number of Channels | 802.11b/g/n-20MHz: 13, n-40MHz: 9                                            |
| Data Speed         | 802.11b: 1-11Mbps, 802.11a/g: 6-54Mbps, 802.11n: up to 300Mbps               |
| Channel separation | 802.11b/g/n-20MHz: 5 MHz                                                     |
| Type of Modulation | 802.11b:DSSS, DBPSK, DQPSK, CCK<br>802.11g/n: OFDM, BPSK, QPSK, 16QAM, 64QAM |
| Antenna Type       | PIFA Antenna                                                                 |
| Antenna Gain       | Refer to the table “Antenna List”                                            |
| Channel Control    | Auto                                                                         |

#### Antenna List

| No. | Manufacturer | Part No.                 | Antenna Type | Peak Gain          |
|-----|--------------|--------------------------|--------------|--------------------|
| 1   | SkyCross     | N/A (Main)<br>N/A (Aux ) | PIFA         | 3.24 dBi in 2.4GHz |

Note: The antenna of EUT is conform to FCC 15.203

802.11b/g/n-20MHz Center Frequency of Each Channel:

| Channel     | Frequency | Channel     | Frequency | Channel     | Frequency | Channel     | Frequency |
|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| Channel 01: | 2412 MHz  | Channel 02: | 2417 MHz  | Channel 03: | 2422 MHz  | Channel 04: | 2427 MHz  |
| Channel 05: | 2432 MHz  | Channel 06: | 2437 MHz  | Channel 07: | 2442 MHz  | Channel 08: | 2447 MHz  |
| Channel 09: | 2452 MHz  | Channel 10: | 2457 MHz  | Channel 11: | 2462 MHz  | Channel 12: | 2467 MHz  |
| Channel 13: | 2472 MHz  |             |           |             |           |             |           |

802.11n-40MHz (2.4G Band) Center Working Frequency of Each Channel:

| Channel     | Frequency | Channel    | Frequency | Channel    | Frequency | Channel     | Frequency |
|-------------|-----------|------------|-----------|------------|-----------|-------------|-----------|
| Channel 3:  | 2422 MHz  | Channel 4: | 2427 MHz  | Channel 5: | 2432 MHz  | Channel 6:  | 2437 MHz  |
| Channel 7:  | 2442 MHz  | Channel 8: | 2447 MHz  | Channel 9: | 2452 MHz  | Channel 10: | 2457 MHz  |
| Channel 11: | 2462 MHz  |            |           |            |           |             |           |

**Duty Cycle**

Formula:

$$\text{Duty cycle} = \text{Ton} / (\text{Ton} + \text{Toff})$$

$$\text{Duty Factor} = 10 \text{ Log } (1/\text{Duty Cycle})$$

Results:

| 2.4GHz band | Duty Cycle | Duty Factor (dB) |
|-------------|------------|------------------|
| 802.11b     | 0.982      | 0.079            |
| 802.11g     | 0.988      | 0.052            |
| 802.11n-20  | 0.983      | 0.074            |
| 802.11n-40  | 0.940      | 0.269            |

Note:

1. This device is an Intel® Dual Band Wireless-AC 8260 with a built-in 2.4GHz and 5GHz WLAN transceiver.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. These tests are conducted on a sample for the purpose of demonstrating compliance of 802.11a/b/g/n transmitter with Part 15 Subpart C Paragraph 15.247 of spread spectrum devices.

|            |                                                                 |
|------------|-----------------------------------------------------------------|
| Test Mode: | Mode 1 SISO A: Transmit (802.11b 1Mbps)                         |
|            | Mode 1 SISO A: Transmit (802.11g 6Mbps)                         |
|            | Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(2.4G Band)       |
|            | Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(2.4G Band)        |
|            | Mode 2 SISO B: Transmit (802.11b 1Mbps)                         |
|            | Mode 2 SISO B: Transmit (802.11g 6Mbps)                         |
|            | Mode 2 SISO B: Transmit - 802.11n-20BW_7.2Mbps(2.4G Band)       |
|            | Mode 2 SISO B: Transmit - 802.11n-40BW_15Mbps(2.4G Band)        |
|            | Mode 3 MIMO: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band)        |
|            | Mode 3 MIMO: Transmit - 802.11n-40BW_30Mbps(2.4G Band)          |
|            | Mode 4 Beamforming: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band) |
|            | Mode 4 Beamforming: Transmit - 802.11n-40BW_30Mbps(2.4G Band)   |

## 1.2. Operational Description

The EUT is an Intel® Dual Band Wireless-AC 8260 with a built-in 2.4GHz and 5GHz WLAN transceiver. This device provided four kinds of transmitting speed 1, 2, 5.5 and 11Mbps and the device of RF carrier is DBPSK, DQPSK and CCK (IEEE 802.11b). The device provided of eight kinds of transmitting speed 6, 9, 12, 18, 24, 36, 48 and 54Mbps the device of RF carrier is BPSK, QPSK, 16QAM and 64QAM (IEEE 802.11a/g).

The device provided of eight kinds of transmitting speed 14.4, 28.9, 43.3, 57.8, 86.7, 115.6, 130 and 144.4Mbps in 802.11n(20M-BW) mode and 30, 60, 90, 120, 180, 240, 270 and 300 Mbps(40M-BW) and 65, 130, 195, 260, 390, 520, 585, 650, 780 and 866.7Mbps in 802.11ac(80BW) mode the device of RF carrier is BPSK, QPSK, 16QAM and 64QAM and 256 QAM (IEEE 802.11n/ac), the IEEE 802.11n/ac is Multiple In, Multiple Out" (MIMO) technology.

The device adapts direct sequence spread spectrum modulation. The antenna provides diversity function to improve the receiving function and the antennas to support 2(Transmit) × 2(Receive) MIMO technology.

This Intel® Dual Band Wireless-AC 8260, compliant with IEEE 802.11a/b/g/n/ac, is a high-efficiency Wireless LAN adapter. It allows your computer to connect to a wireless network and to share resources, such as files or printers without being bound to the network wires. Operation in 2.4GHz Direct Sequence Spread Spectrum (DSSS) and Orthogonal Frequency Division Multiplexing (OFDM) radio transmission, the Intel® Dual Band Wireless-AC 8260 Wired Equivalent Protection (WEP) algorithm is used. In addition, its standard compliance ensures that it can communicate with any IEEE 802.11a/b/g/n/ac network.

This equipment includes WLAN and Bluetooth, which can not transmit signals simultaneously.

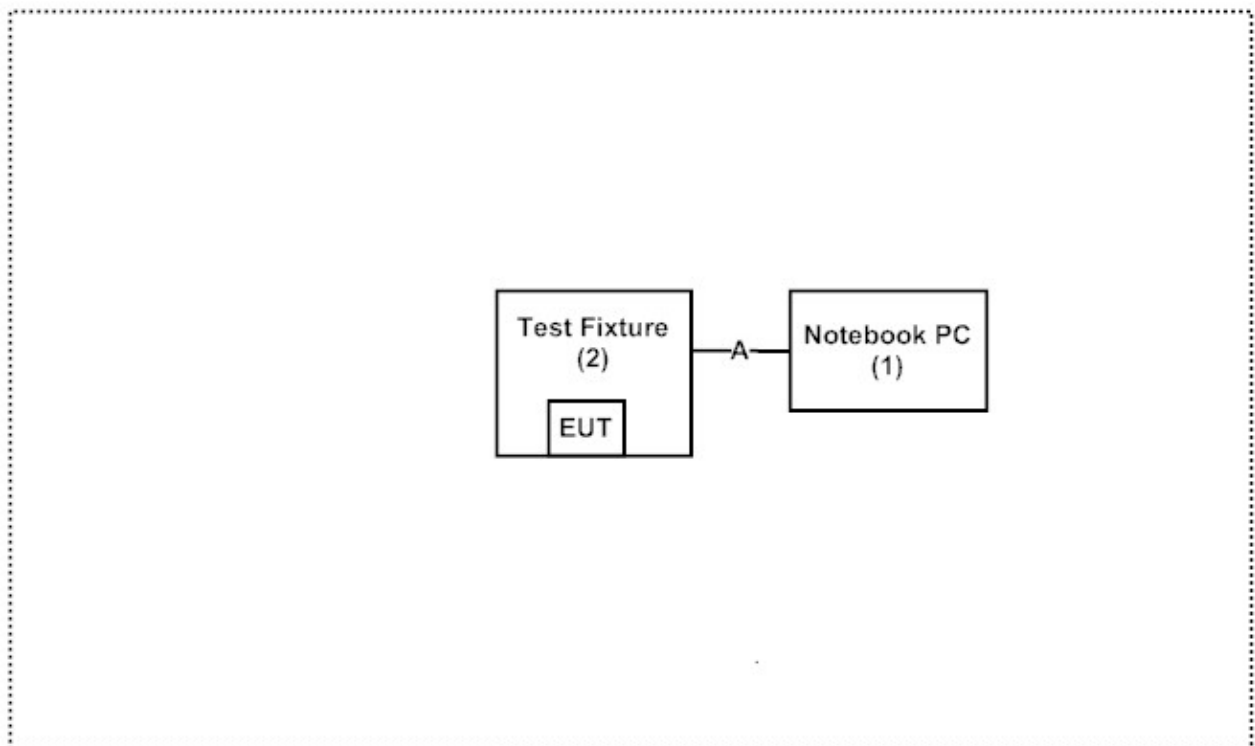
### 1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

|   | Product      | Manufacturer | Model No. | Serial No. | Power Cord         |
|---|--------------|--------------|-----------|------------|--------------------|
| 1 | Notebook PC  | DELL         | N/A       | N/A        | Non-Shielded, 1.8m |
| 2 | Test Fixture | Intel        | N/A       | N/A        | N/A                |

|   | Signal Cable Type  | Signal cable Description |
|---|--------------------|--------------------------|
| A | Test Fixture Cable | Non-Shielded, 1.0m       |

### 1.4. Configuration of Tested System



### 1.5. EUT Exercise Software

- (1) Setup the EUT as shown in Section 1.4.
- (2) Execute software “DRTU (Ver 1.8.1-01253)” on the EUT.
- (3) Configure the test mode, the test channel, and the data rate.
- (4) Press “OK” to start the continuous Transmit.
- (5) Verify that the EUT works properly.

## 1.6. Test Facility

Ambient conditions in the laboratory:

| Items                      | Required (IEC 68-1) | Actual   |
|----------------------------|---------------------|----------|
| Temperature (°C)           | 15-35               | 20-35    |
| Humidity (%RH)             | 25-75               | 50-65    |
| Barometric pressure (mbar) | 860-1060            | 950-1000 |

The related certificate for our laboratories about the test site and management system can be downloaded from

QuieTek Corporation's Web Site : <http://www.quietek.com/chinese/about/certificates.aspx?bval=5>

The address and introduction of Quietek Corporation's laboratories can be founded in our Web site : <http://www.quietek.com/>

Site Description: File on  
Federal Communications Commission  
FCC Engineering Laboratory  
7435 Oakland Mills Road  
Columbia, MD 21046  
Registration Number: 92195

Site Name: Quietek Corporation  
Site Address: No.5-22, Ruishukeng,  
Linkou Dist. New Taipei City 24451,  
Taiwan, R.O.C.  
TEL: 886-2-8601-3788 / FAX : 886-2-8601-3789  
E-Mail : [service@quietek.com](mailto:service@quietek.com)

FCC Accreditation Number: TW1014

## 2. Peak Power Output

### 2.1. Test Equipment

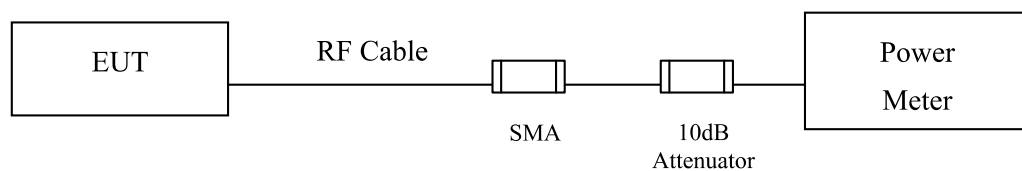
|   | Equipment         | Manufacturer | Model No./Serial No. | Last Cal.  |
|---|-------------------|--------------|----------------------|------------|
| X | Power Meter       | Anritsu      | ML2495A/6K00003357   | May, 2015  |
| X | Power Sensor      | Anritsu      | MA2411B/0738448      | Jun., 2015 |
|   | Spectrum Analyzer | R&S          | FSP40 / 100170       | Jun., 2015 |
|   | Spectrum Analyzer | Agilent      | E4407B / US39440758  | Jun., 2015 |
| X | Spectrum Analyzer | Agilent      | N9010A / MY48030495  | Apr., 2015 |

Note:

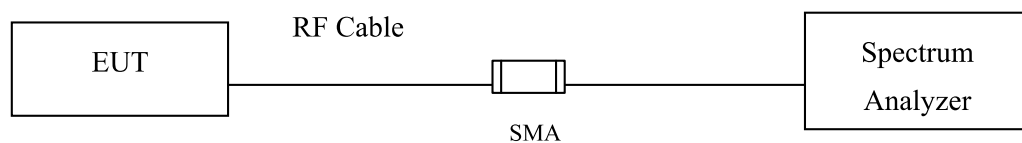
1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with “X” are used to measure the final test results.

### 2.2. Test Setup

#### Conduction Power Measurement (for $\leq 40$ MHz)



#### Conduction Power Measurement (for 80 MHz)



### 2.3. Limits

The maximum peak power shall be less 1 Watt.

## 2.4. Test Procedure

The EUT was tested according to DTS test procedure of KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

**BW  $\leq$  40MHz:** The maximum peak conducted output power using KDB 558074 D01 DTS Meas Guidance v03r02 section 9.1.2 PKPM1 Peak power meter method

Note: the power meter have a video bandwidth that is greater than or equal to the measurement bandwidth, (Anritsu/ MA2411B video bandwidth: 50MHz)

**BW=80MHz:** The maximum average conducted output power using KDB 558074 D01 DTS Meas Guidance v03r02 section 9.2.2.2 Method AVGSA-1, Measurement using a spectrum analyzer (SA) for 802.11ac. (Trace averaging with the EUT transmitting at full power throughout each sweep).

## 2.5. Uncertainty

Power sensor/meter method:  $\pm 0.517$  dB

Spectrum analyzer method:  $\pm 1.27$  dB

## 2.6. Test Result of Peak Power Output

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Peak Power Output Data  
Test Site : No.3 OATS  
Test Mode : Transmit Mode

| Mode       |        | Channel No | Frequency (MHz) | Average Power (dBm) | Peak Power (dBm) | Required Limit (dBm) | Result |
|------------|--------|------------|-----------------|---------------------|------------------|----------------------|--------|
| 802.11b    | SISO A | 13         | 2472            | 11.75               | 13.81            | 30 dBm               | PASS   |
|            | SISO B | 13         | 2472            | 7.79                | 9.63             | 30 dBm               | PASS   |
| 802.11g    | SISO A | 13         | 2472            | 0.52                | 6.32             | 30 dBm               | PASS   |
|            | SISO B | 13         | 2472            | -0.51               | 5.25             | 30 dBm               | PASS   |
| 802.11n-20 | SISO A | 13         | 2472            | -0.4                | 5.82             | 30 dBm               | PASS   |
|            | SISO B | 13         | 2472            | -0.21               | 5.76             | 30 dBm               | PASS   |
| 802.11n-40 | SISO A | 11         | 2462            | -0.75               | 4.51             | 30 dBm               | PASS   |
|            | SISO B | 11         | 2462            | -0.32               | 4.78             | 30 dBm               | PASS   |

### Average Power(dBm)

| Mode       |      | Channel No | Frequency (MHz) | Chain A Power (dBm) | Chain B Power (dBm) | Total Power (dBm) | Required Limit (dBm) | Result |
|------------|------|------------|-----------------|---------------------|---------------------|-------------------|----------------------|--------|
| 802.11n-20 | MIMO | 13         | 2472            | -0.75               | -1.18               | 2.05              | --                   | --     |
|            | BF   | 13         | 2472            | -0.39               | -1.19               | 2.24              | --                   | --     |
| 802.11n-40 | MIMO | 11         | 2462            | -1.09               | -2.03               | 1.48              | --                   | --     |
|            | BF   | 11         | 2462            | -0.89               | -1.34               | 1.90              | --                   | --     |

### Peak Power(dBm)

| Mode       |      | Channel No | Frequency (MHz) | Chain A Power (dBm) | Chain B Power (dBm) | Total Power (dBm) | Required Limit (dBm) | Result |
|------------|------|------------|-----------------|---------------------|---------------------|-------------------|----------------------|--------|
| 802.11n-20 | MIMO | 13         | 2472            | 5.38                | 4.98                | 8.19              | 30 dBm               | PASS   |
|            | BF   | 13         | 2472            | 5.94                | 5.16                | 8.58              | 30 dBm               | PASS   |
| 802.11n-40 | MIMO | 11         | 2462            | 4.45                | 3.82                | 7.16              | 30 dBm               | PASS   |
|            | BF   | 11         | 2462            | 4.27                | 3.81                | 7.06              | 30 dBm               | PASS   |

### 3. Band Edge

#### 3.1. Test Equipment

##### RF Conducted Measurement

The following test equipments are used during the band edge tests:

|   | Equipment           | Manufacturer | Model No./Serial No.   | Last Cal.  |
|---|---------------------|--------------|------------------------|------------|
|   | Spectrum Analyzer   | R&S          | FSP40 / 100170         | Jun, 2015  |
|   | Spectrum Analyzer   | Agilent      | E4407B / US39440758    | Jun, 2015  |
| X | Spectrum Analyzer   | Agilent      | N9010A / MY48030495    | Apr., 2015 |
|   | 8-WAY Power Divider | JFW          | 50PD-647 / 526770 0916 | Apr., 2015 |

Note:

1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with “X” are used to measure the final test results.

##### RF Radiated Measurement:

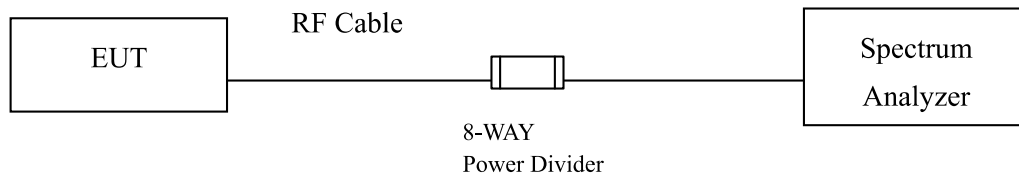
The following test equipments are used during the band edge tests:

| Test Site |   | Equipment         | Manufacturer | Model No./Serial No.        | Last Cal.  |
|-----------|---|-------------------|--------------|-----------------------------|------------|
| ☒ CB # 8  | X | Spectrum Analyzer | R&S          | FSP40/ 100339               | Oct, 2014  |
|           | X | Horn Antenna      | ETS-Lindgren | 3117/ 35205                 | Mar., 2015 |
|           | X | Horn Antenna      | Schwarzbeck  | BBHA9170/209                | Jan, 2015  |
|           | X | Horn Antenna      | TRC          | AH-0801/95051               | Aug, 2014  |
|           | X | Pre-Amplifier     | EMCI         | EMC012630SE/980210          | Jan, 2015  |
|           | X | Pre-Amplifier     | MITEQ        | JS41-001040000-58-5P/153945 | Jul, 2015  |
|           | X | Pre-Amplifier     | NARDA        | DBL-1840N506/013            | Jul, 2015  |

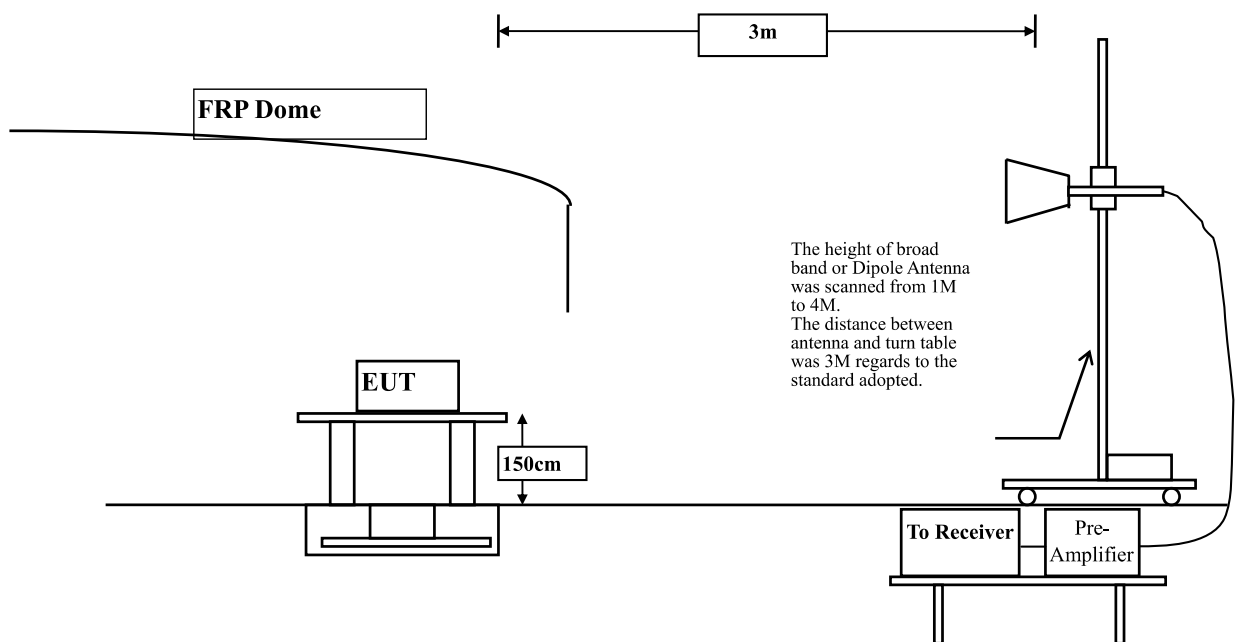
- Note:
1. All instruments are calibrated every one year.
  2. The test instruments marked by “X” are used to measure the final test results.

### 3.2. Test Setup

#### RF Conducted Measurement



#### RF Radiated Measurement:



### 3.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

### **3.4. Test Procedure**

The EUT was setup according to ANSI C63.10, 2013 and tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.

### **3.5. Uncertainty**

± 3.9 dB above 1GHz

± 3.8 dB below 1GHz

### 3.6. Test Result of Band Edge

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps)

#### RF Radiated Measurement (Horizontal):

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2470.300        | 33.914              | 69.976               | 103.891                 | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 33.951              | 39.536               | 73.486                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2471.300        | 33.917              | 64.564               | 98.481                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 33.951              | 18.375               | 52.325                  | 74.00               | 54.00                  | Pass   |

Figure Channel 13: Horizontal (Peak)

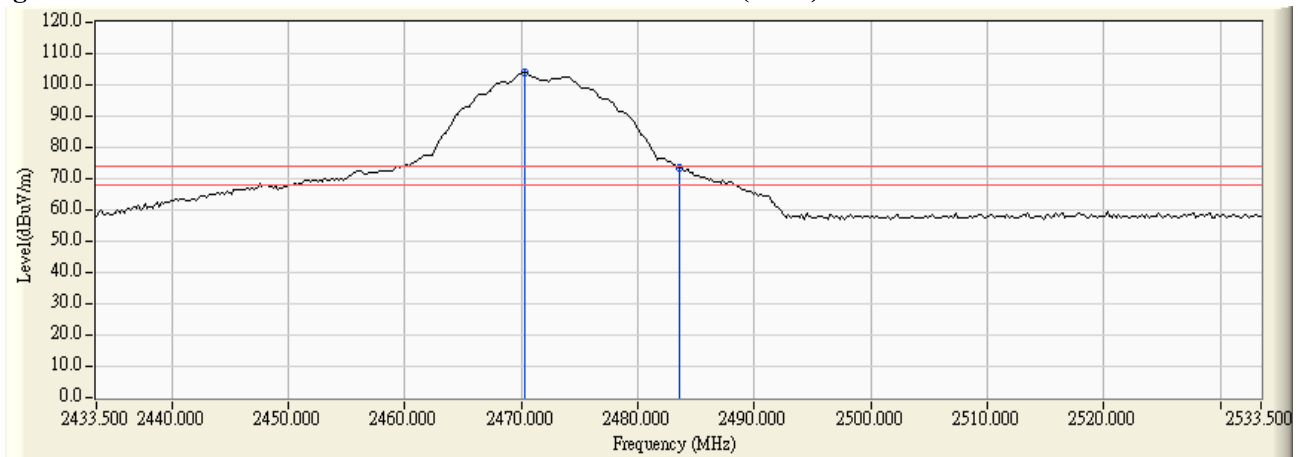
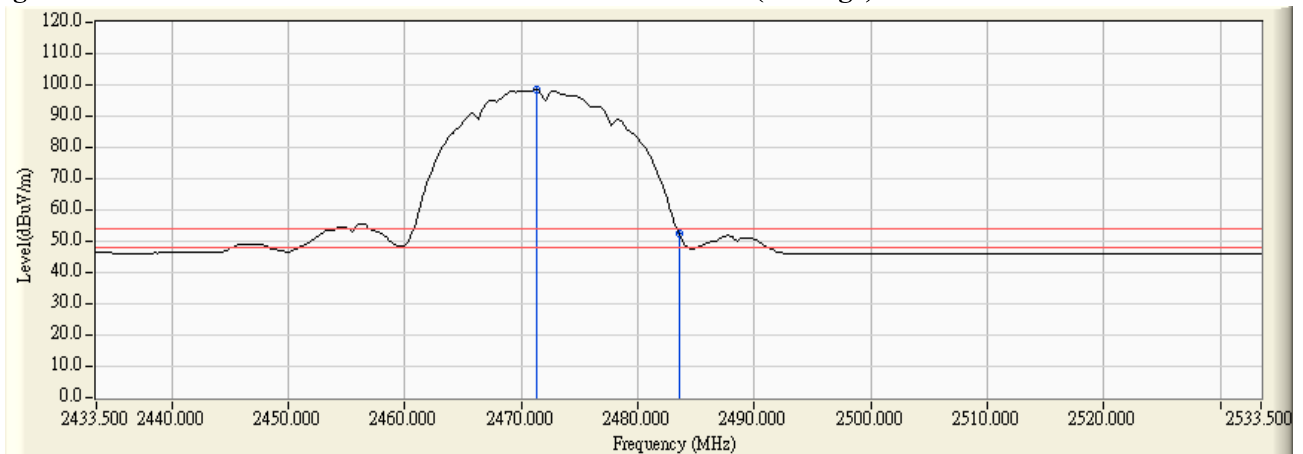


Figure Channel 13: Horizontal (Average)



- Note:1. All readings above 1GHz are performed with peak and/or average measurements as necessary.  
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.  
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.  
4. “ \* ”, means this data is the worst emission level.  
5. Measurement Level = Reading Level + Correct Factor.  
6. The average measurement was not performed when the peak measured data under the limit of average detection.

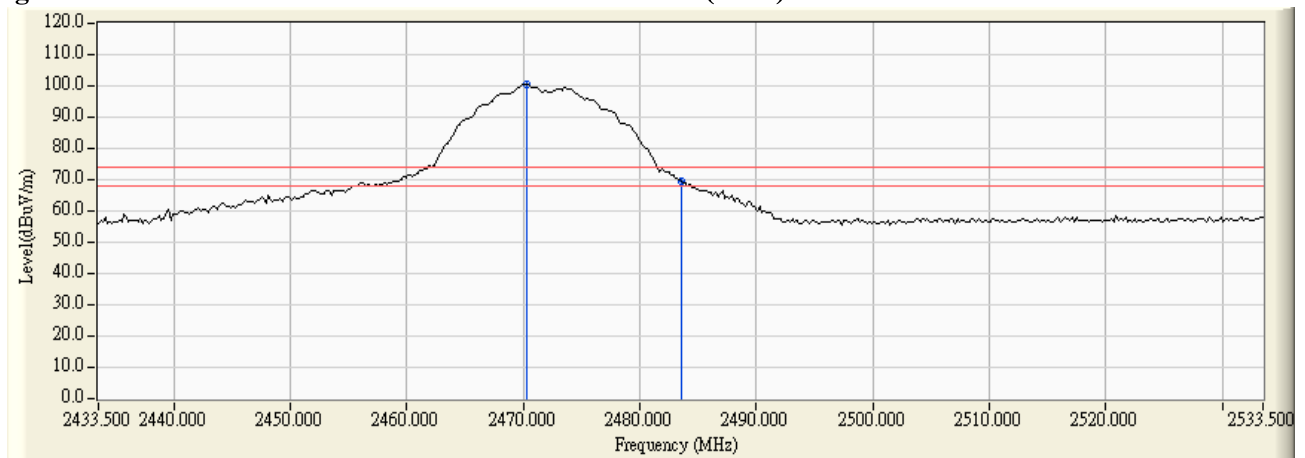
Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps)

**RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2470.300        | 32.520              | 68.045               | 100.566                 | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 32.586              | 36.830               | 69.415                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2471.300        | 32.526              | 62.496               | 95.021                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 32.586              | 16.468               | 49.053                  | 74.00               | 54.00                  | Pass   |

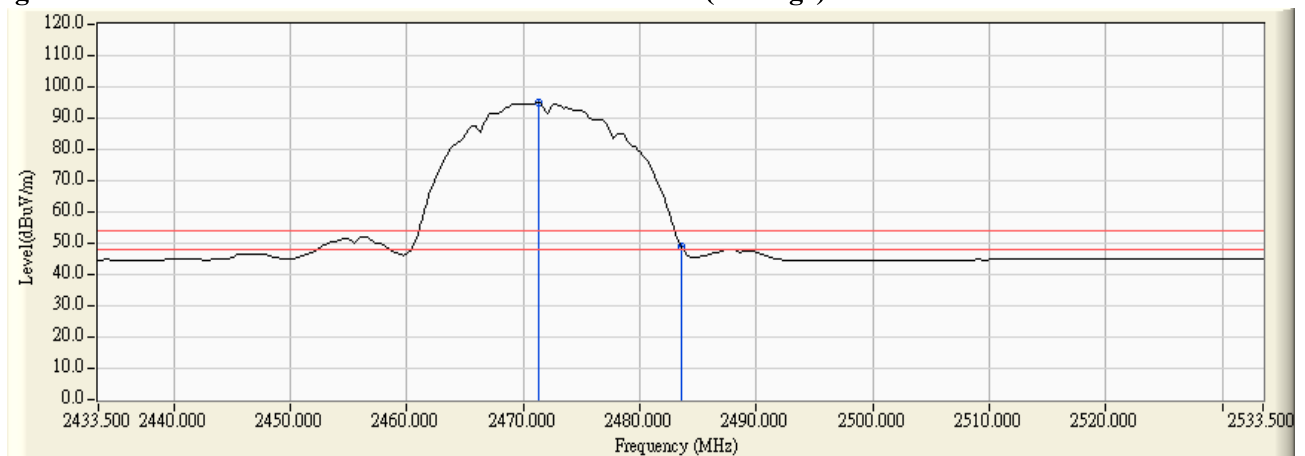
**Figure Channel 13:**

**Vertical (Peak)**



**Figure Channel 13:**

**Vertical (Average)**



Note:

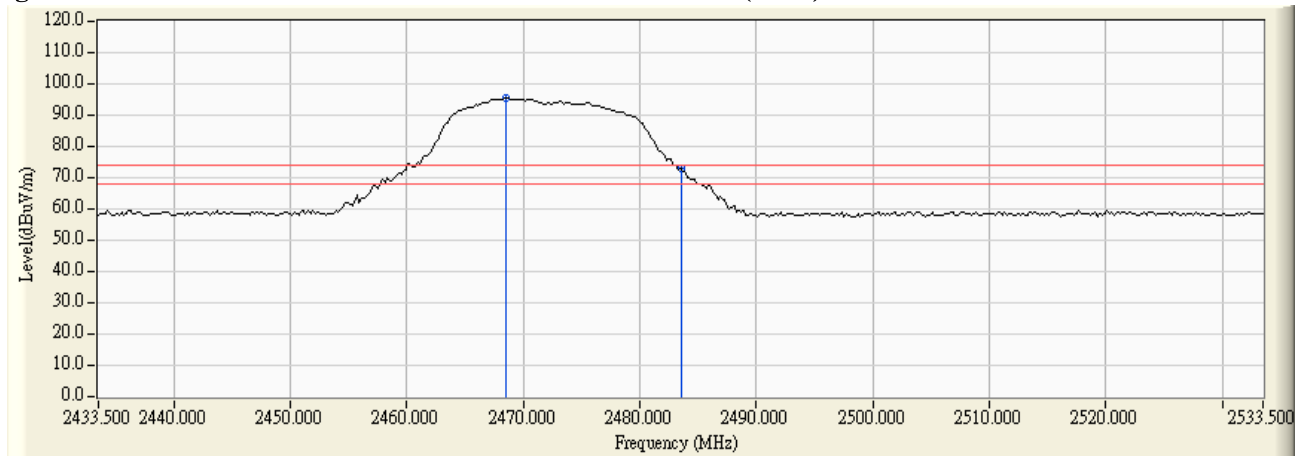
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

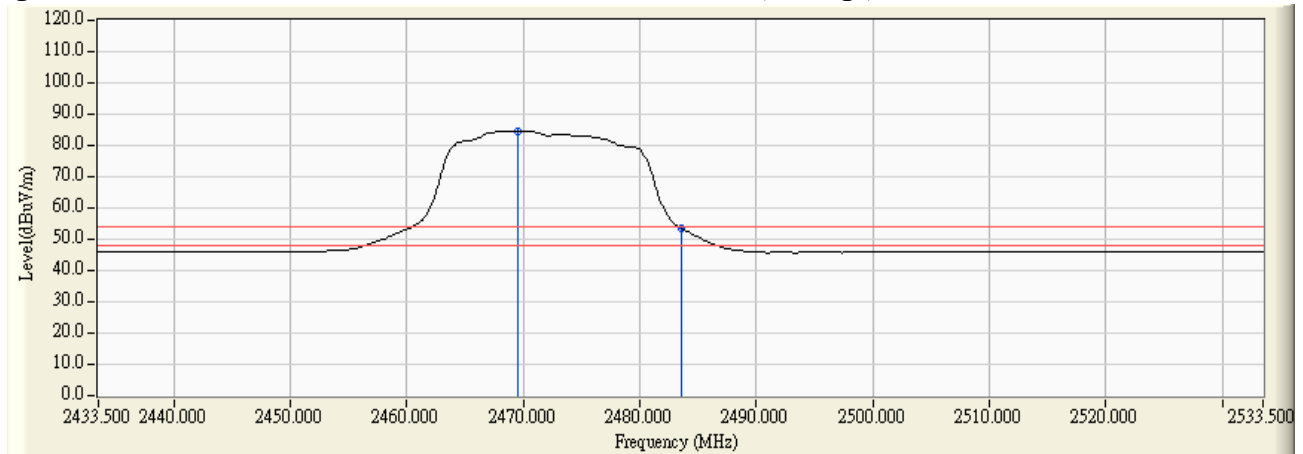
**RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2468.500        | 33.909              | 61.427               | 95.337                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 33.951              | 38.993               | 72.943                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2469.500        | 33.912              | 50.753               | 84.665                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 33.951              | 19.505               | 53.455                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 13: Horizontal (Peak)**



**Figure Channel 13: Horizontal (Average)**



Note:

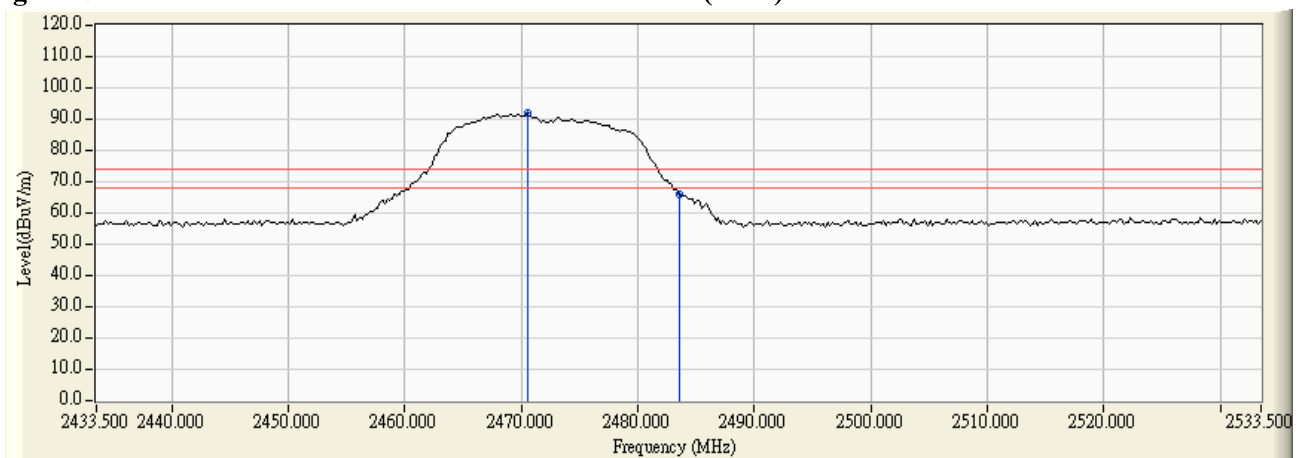
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

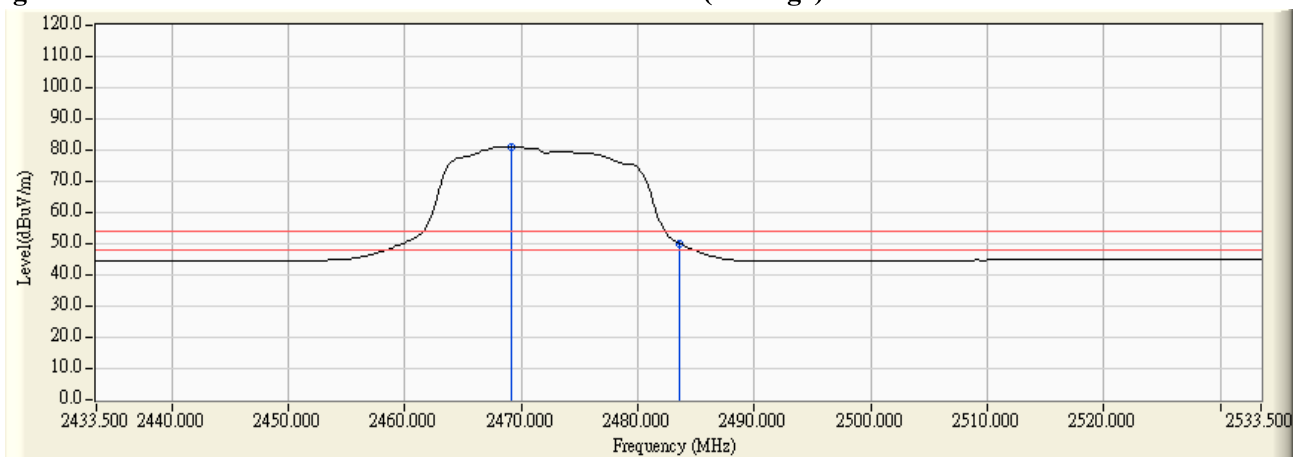
**RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2470.500        | 32.522              | 59.348               | 91.870                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 32.586              | 33.242               | 65.827                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2469.100        | 32.514              | 48.582               | 81.097                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 32.586              | 17.489               | 50.074                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 13: Vertical (Peak)**



**Figure Channel 13: Vertical (Average)**



Note:

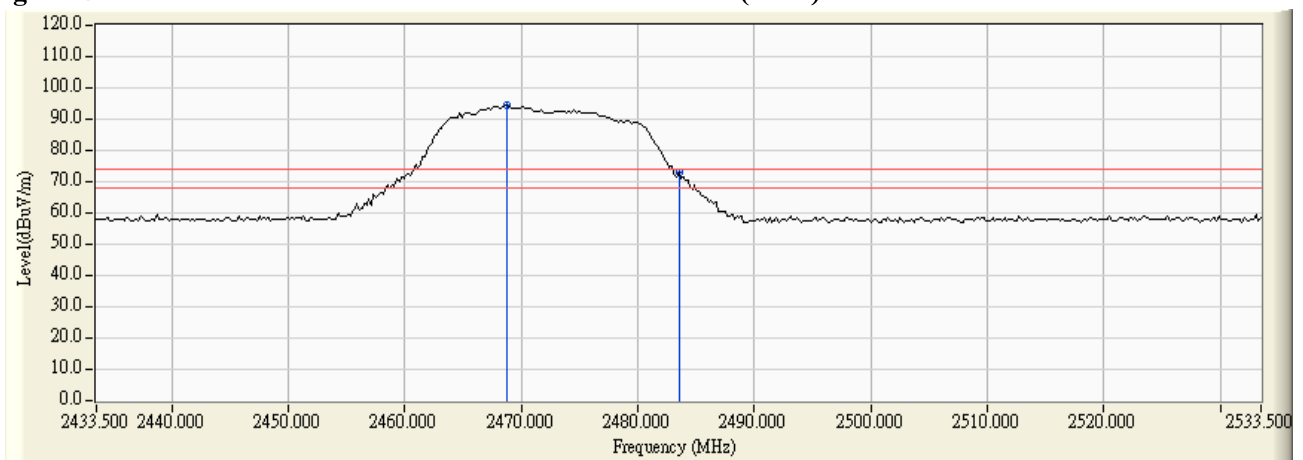
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW\_7.2Mbps(2.4G Band)

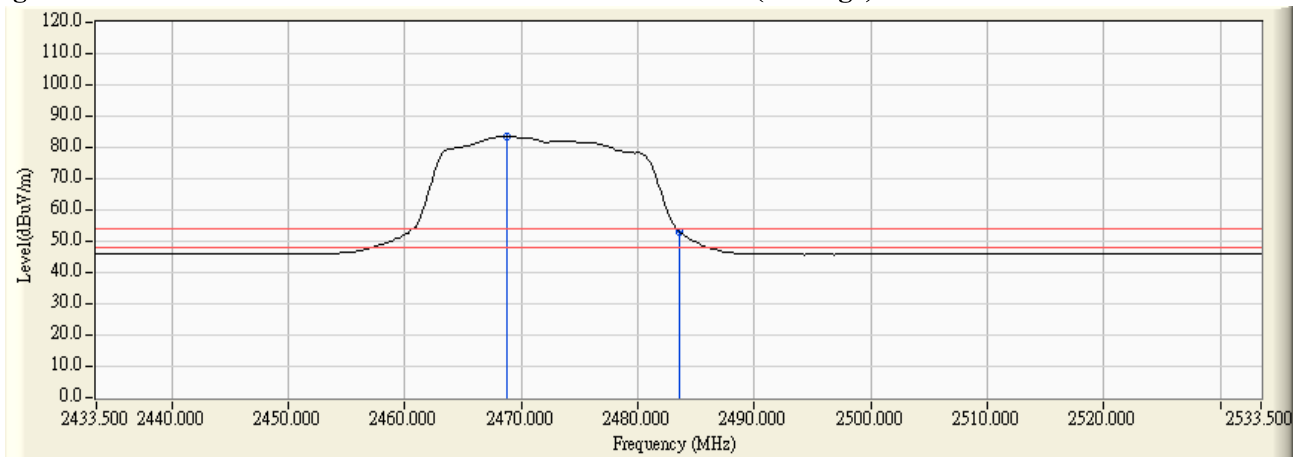
**RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2468.700        | 33.910              | 60.491               | 94.401                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 33.951              | 38.803               | 72.753                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2468.700        | 33.910              | 49.496               | 83.406                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 33.951              | 19.164               | 53.114                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 13: Horizontal (Peak)**



**Figure Channel 13: Horizontal (Average)**



Note:

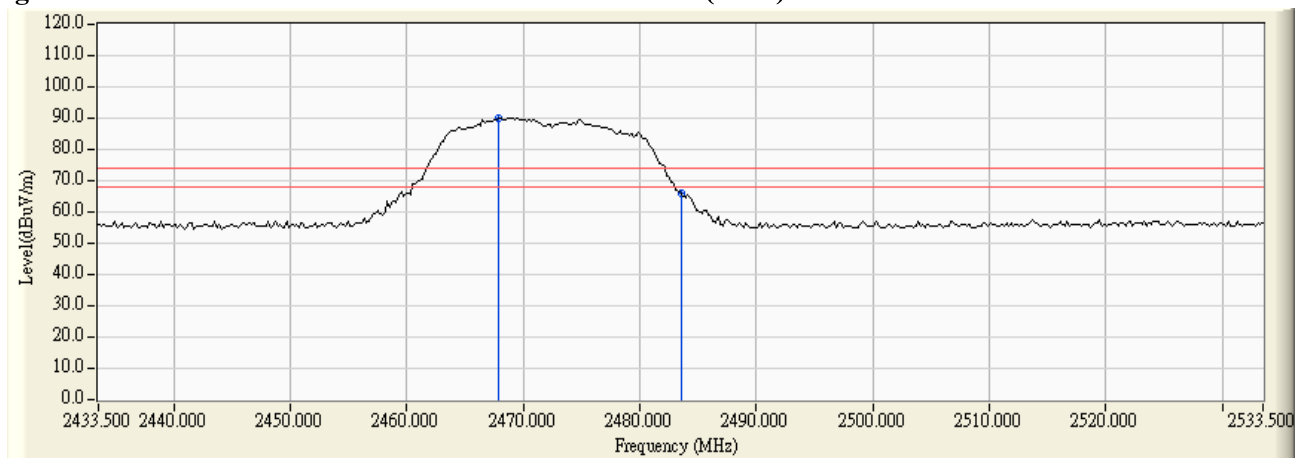
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW\_7.2Mbps(2.4G Band)

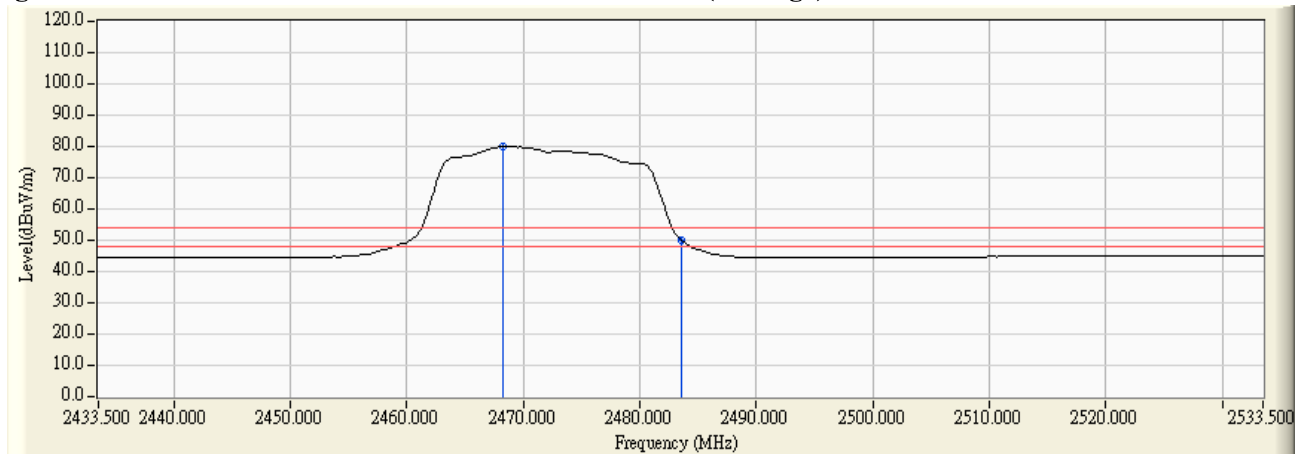
**RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2467.900        | 32.509              | 57.650               | 90.159                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 32.586              | 33.296               | 65.881                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2468.300        | 32.511              | 47.445               | 79.956                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 32.586              | 17.433               | 50.018                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 13: Vertical (Peak)**



**Figure Channel 13: Vertical (Average)**



**Note:**

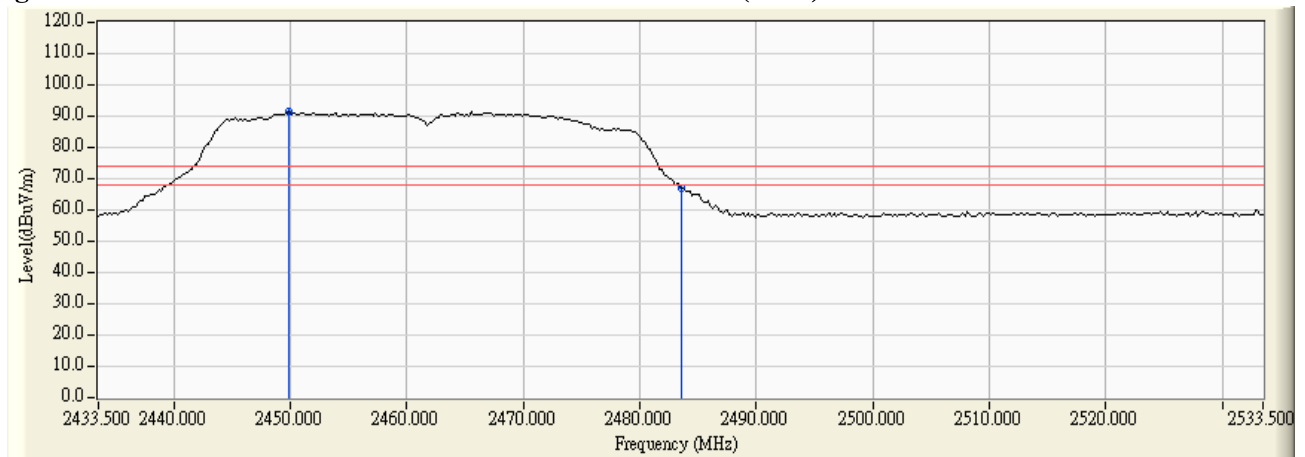
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW\_15Mbps(2.4G Band)

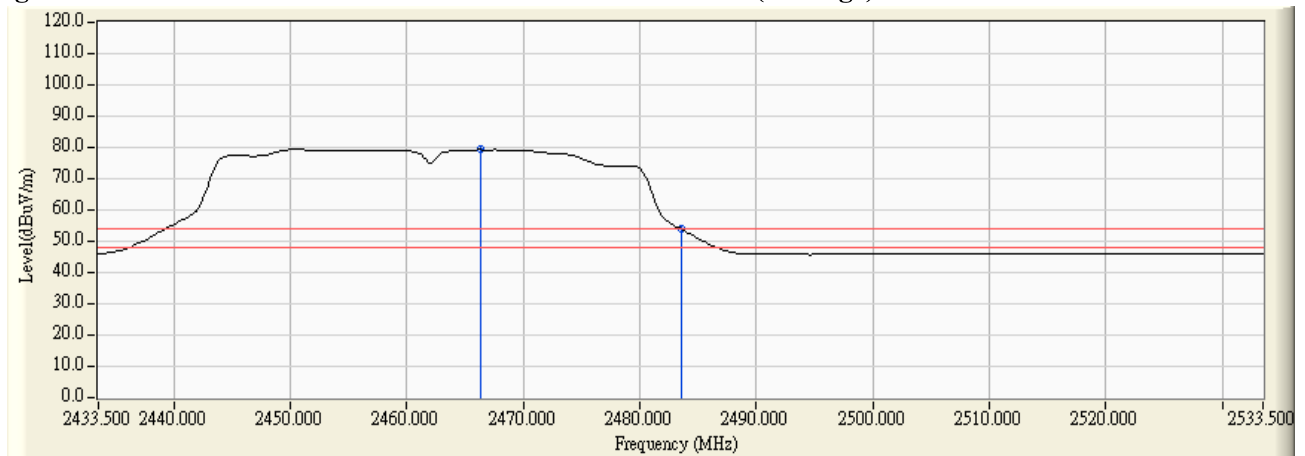
**RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 11 (Peak)    | 2449.900        | 33.861              | 57.574               | 91.436                  | --                  | --                     | Pass   |
| 11 (Peak)    | 2483.500        | 33.951              | 32.813               | 66.763                  | 74.00               | 54.00                  | Pass   |
| 11 (Average) | 2466.300        | 33.904              | 45.464               | 79.368                  | --                  | --                     | Pass   |
| 11 (Average) | 2483.500        | 33.951              | 19.944               | 53.894                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 11: Horizontal (Peak)**



**Figure Channel 11: Horizontal (Average)**



Note:

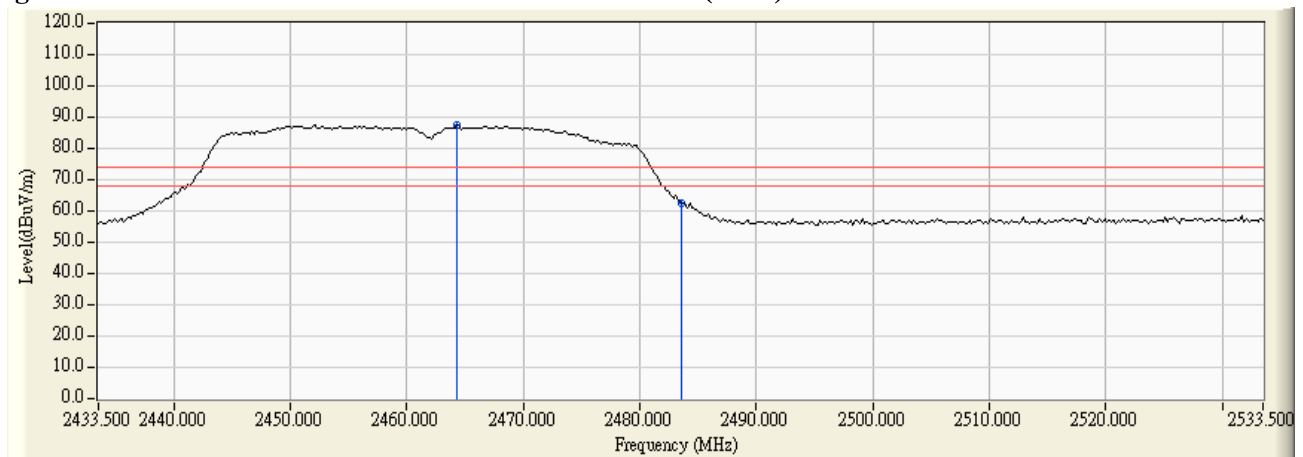
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW\_15Mbps(2.4G Band)

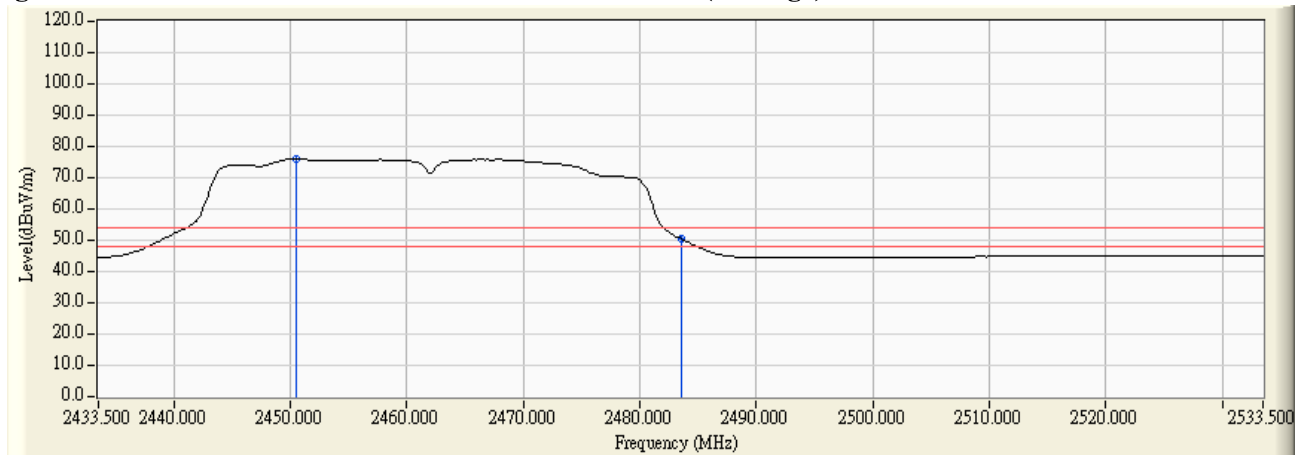
**RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 11 (Peak)    | 2464.300        | 32.492              | 54.917               | 87.409                  | --                  | --                     | Pass   |
| 11 (Peak)    | 2483.500        | 32.586              | 30.139               | 62.724                  | 74.00               | 54.00                  | Pass   |
| 11 (Average) | 2450.500        | 32.425              | 43.490               | 75.915                  | --                  | --                     | Pass   |
| 11 (Average) | 2483.500        | 32.586              | 17.907               | 50.492                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 11: Vertical (Peak)**



**Figure Channel 11: Vertical (Average)**



Note:

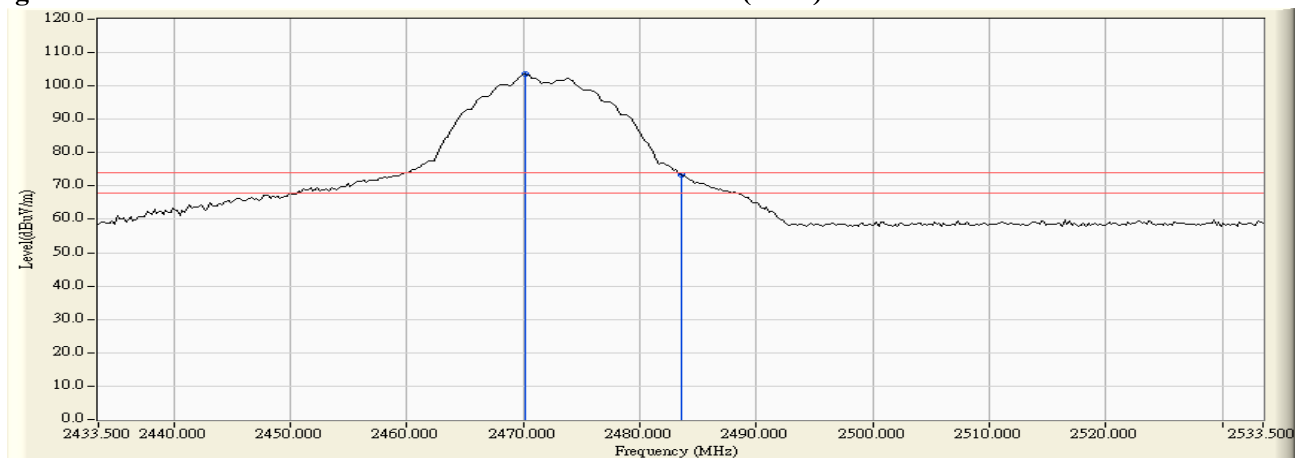
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps)

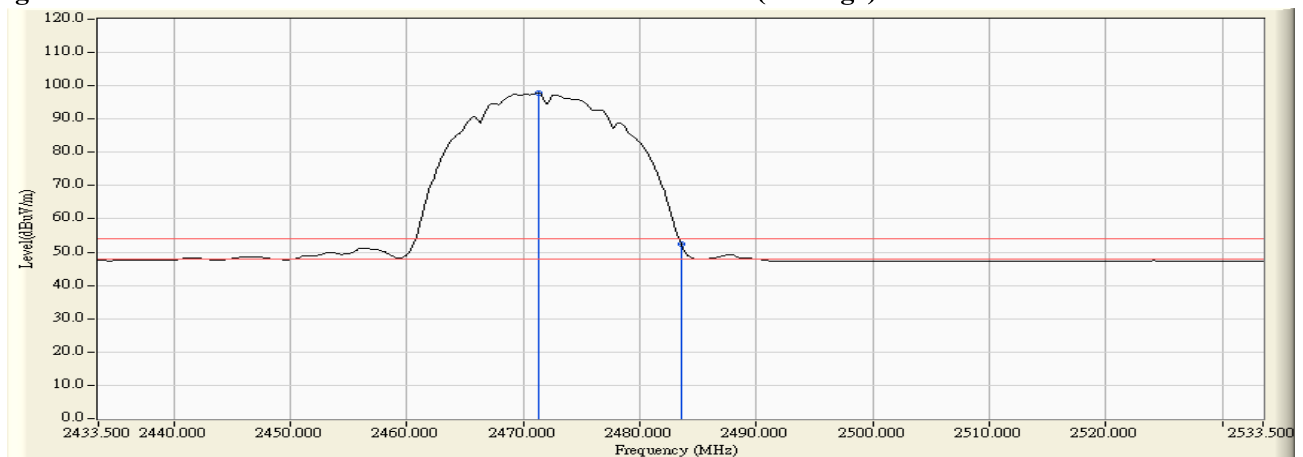
**RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2470.100        | 33.914              | 69.523               | 103.437                 | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 33.951              | 39.462               | 73.412                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2471.300        | 33.917              | 63.965               | 97.882                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 33.951              | 18.499               | 52.449                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 13: Horizontal (Peak)**



**Figure Channel 13: Horizontal (Average)**



**Note:**

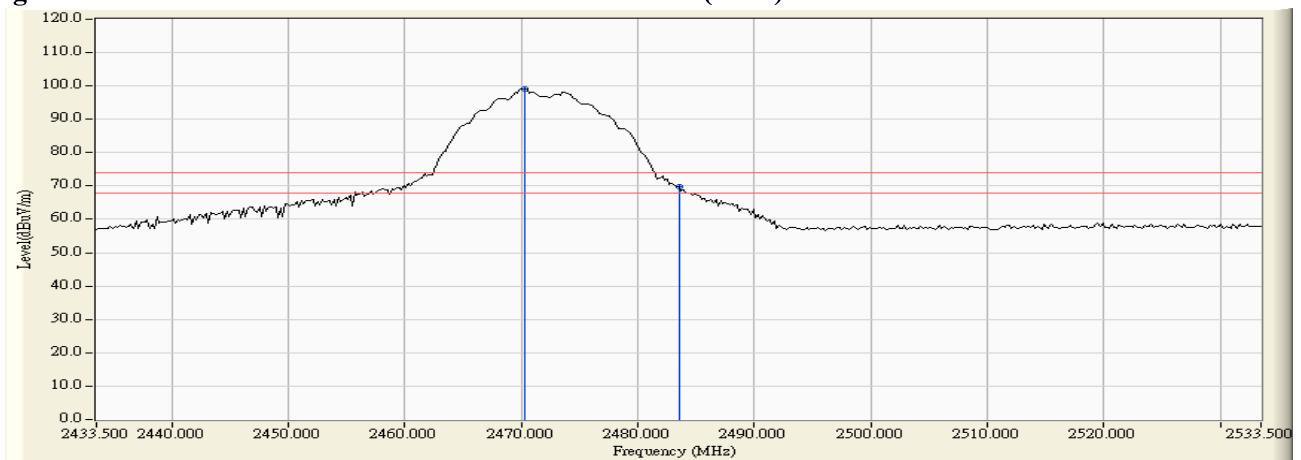
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps)

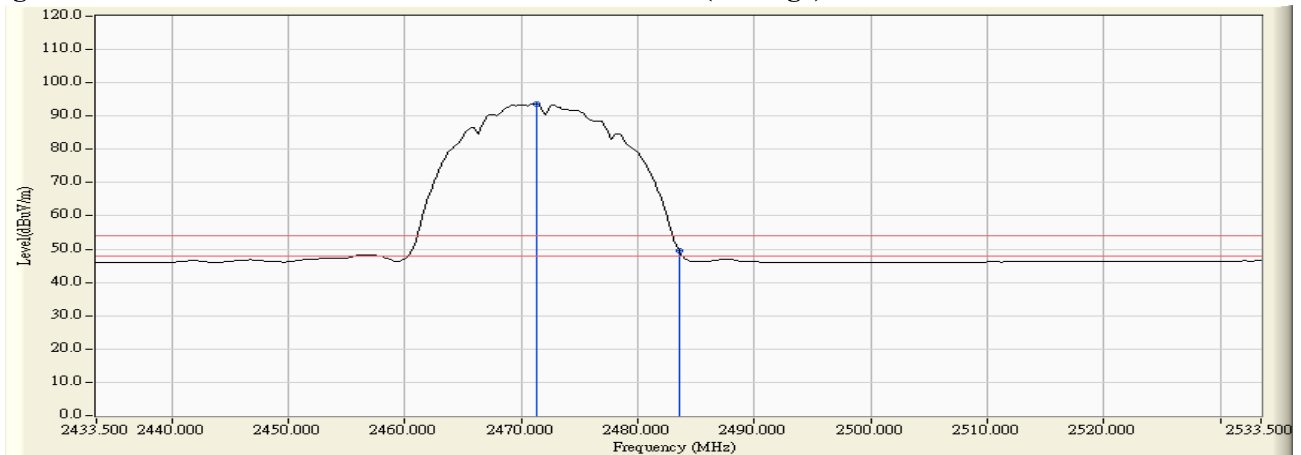
**RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2470.300        | 32.520              | 66.527               | 99.048                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 32.586              | 37.221               | 69.806                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2471.300        | 32.526              | 61.225               | 93.750                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 32.586              | 16.965               | 49.550                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 13: Vertical (Peak)**



**Figure Channel 13: Vertical (Average)**



**Note:**

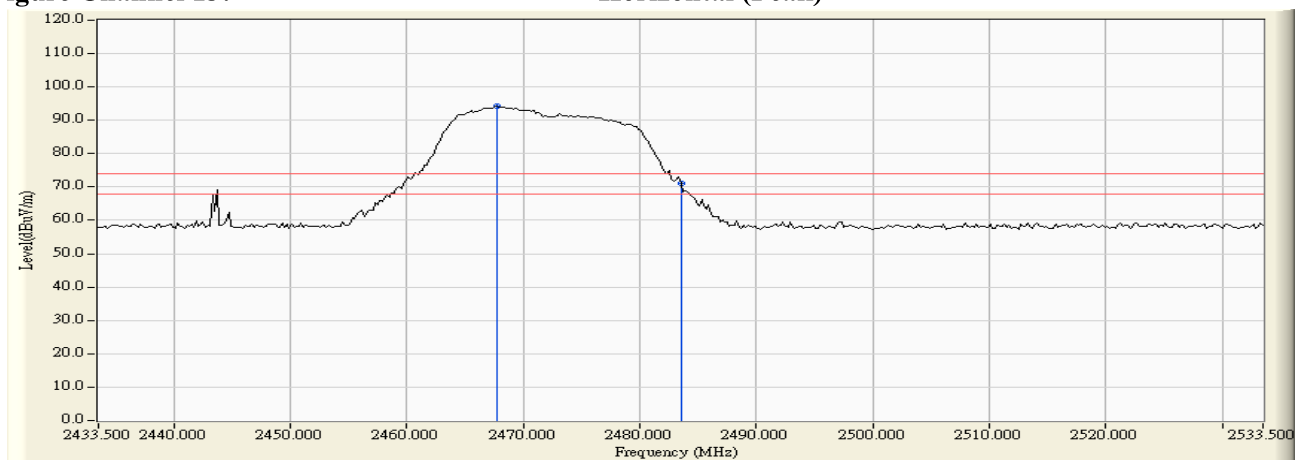
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps)

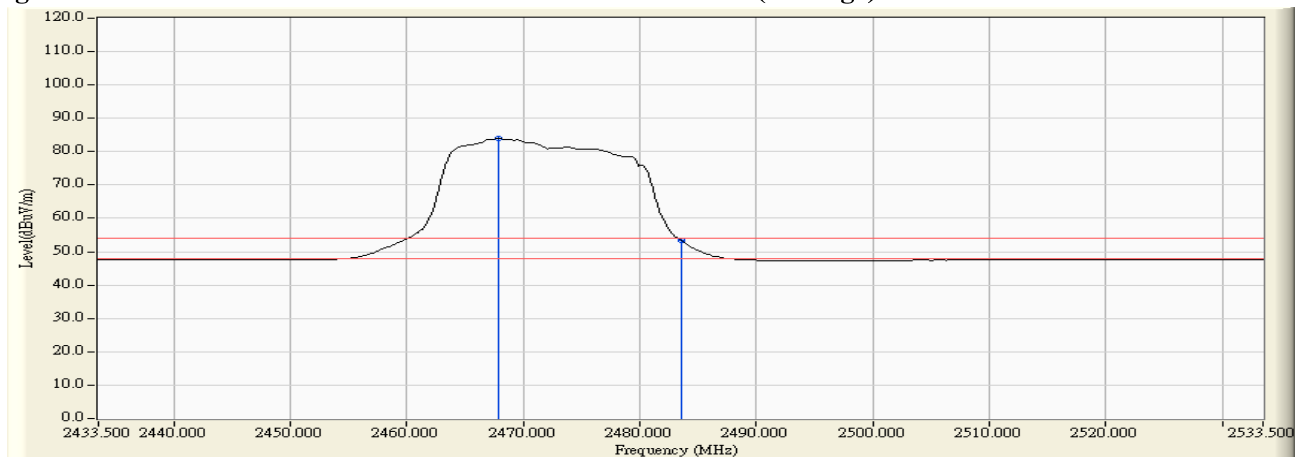
**RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2467.700        | 33.908              | 60.271               | 94.179                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 33.951              | 37.111               | 71.061                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2467.900        | 33.909              | 50.059               | 83.967                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 33.951              | 19.395               | 53.345                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 13: Horizontal (Peak)**



**Figure Channel 13: Horizontal (Average)**



**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

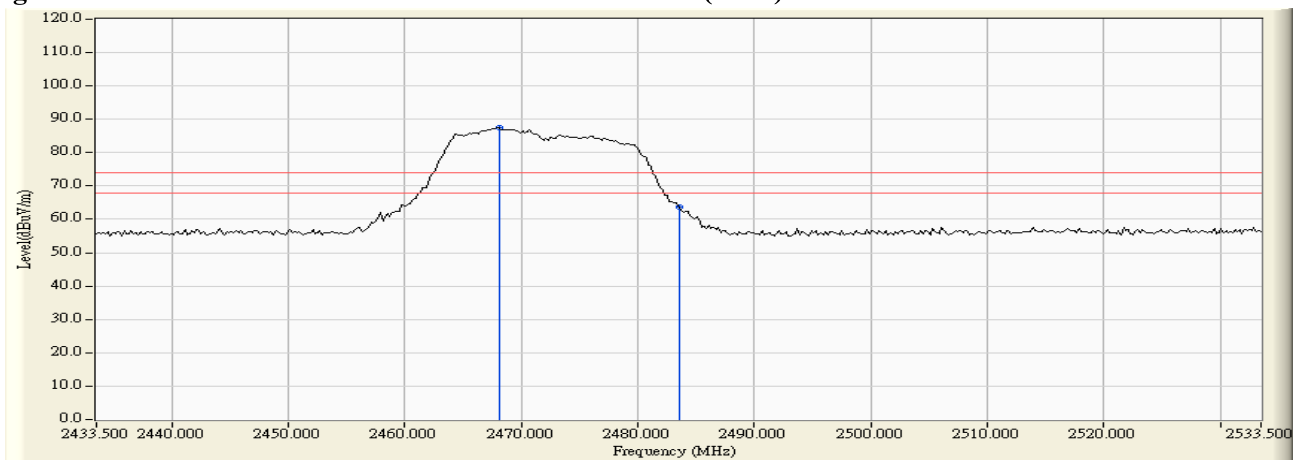
Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps)

**RF Radiated Measurement(Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2468.100        | 32.510              | 55.109               | 87.619                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 32.586              | 31.202               | 63.787                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2467.300        | 32.505              | 44.940               | 77.446                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 32.586              | 17.226               | 49.811                  | 74.00               | 54.00                  | Pass   |

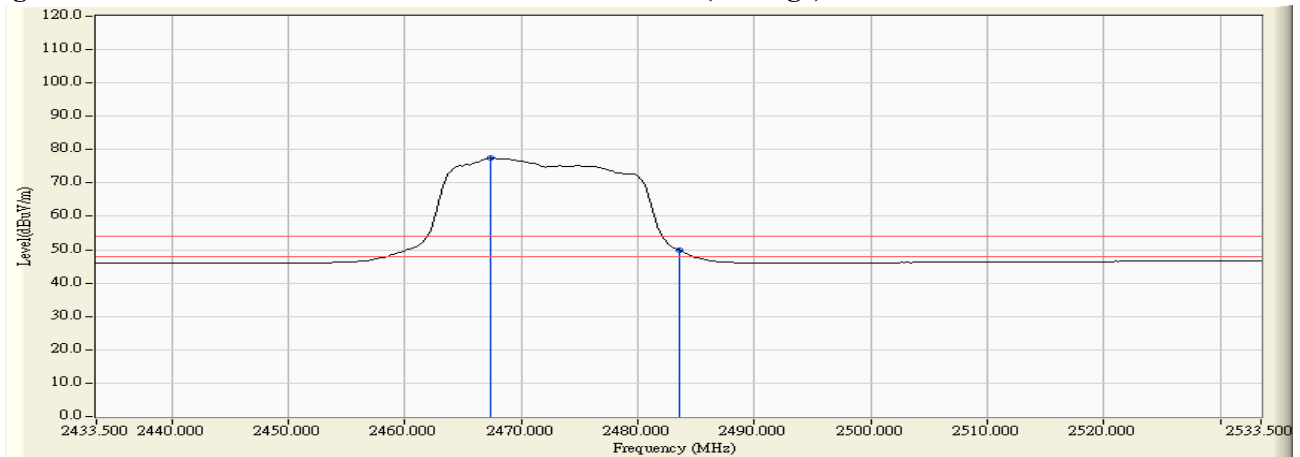
**Figure Channel 13:**

**Vertical (Peak)**



**Figure Channel 13:**

**Vertical (Average)**



Note:

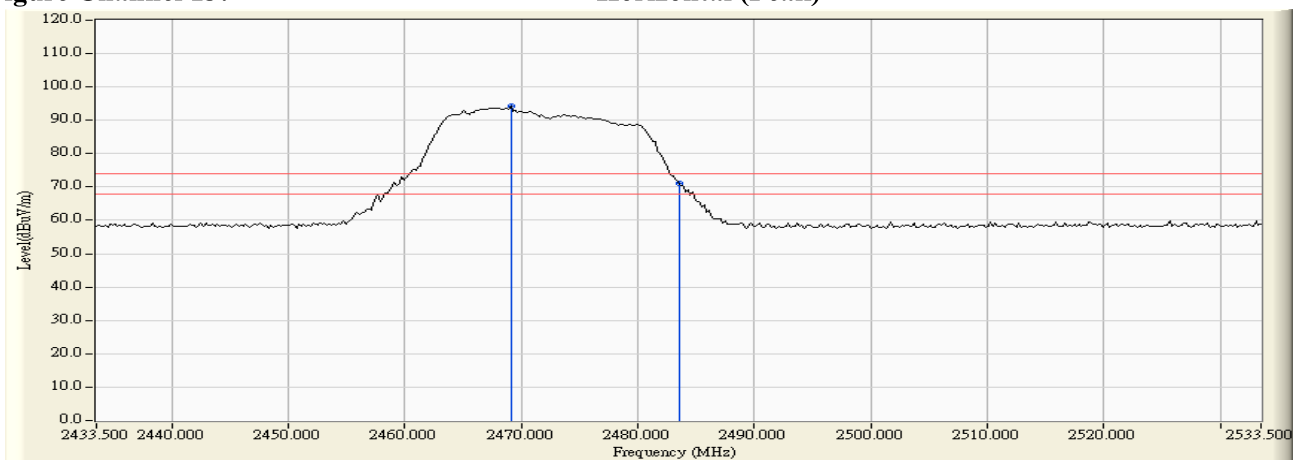
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit - 802.11n-20BW\_7.2Mbps(2.4G Band)

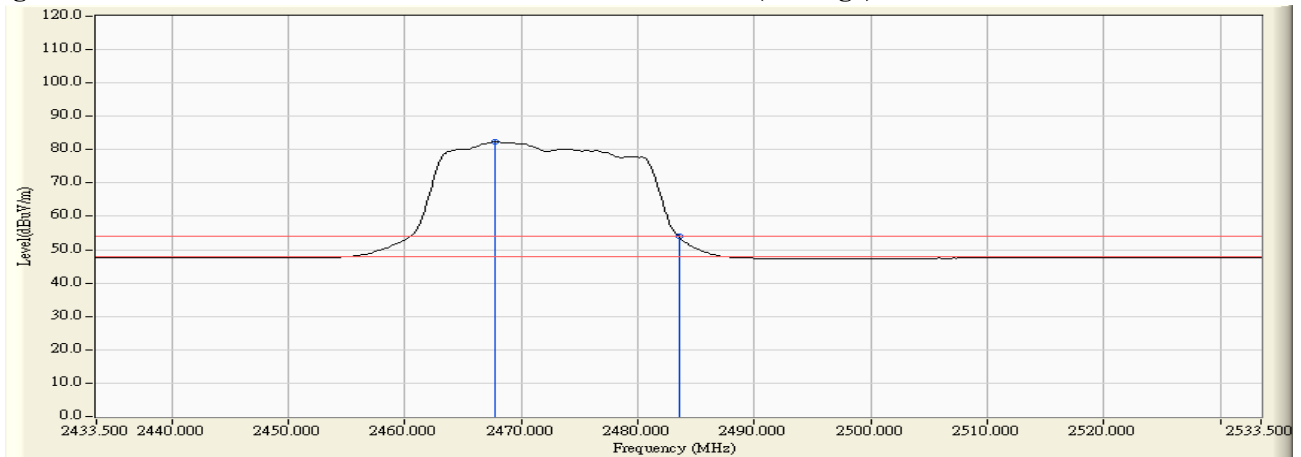
**RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2469.100        | 33.911              | 60.313               | 94.224                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 33.951              | 36.996               | 70.946                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2467.700        | 33.908              | 48.510               | 82.418                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 33.951              | 20.043               | 53.993                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 13: Horizontal (Peak)**



**Figure Channel 13: Horizontal (Average)**



**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

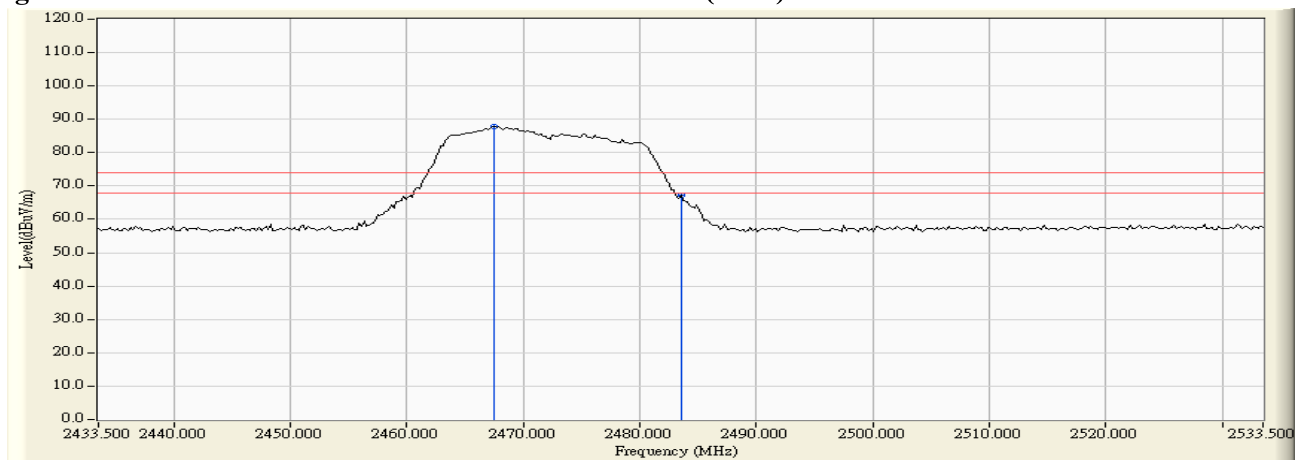
Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit - 802.11n-20BW\_7.2Mbps(2.4G Band)

**RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2467.500        | 32.506              | 55.216               | 87.723                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 32.586              | 34.647               | 67.232                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2467.700        | 32.509              | 44.738               | 77.246                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 32.586              | 17.484               | 50.069                  | 74.00               | 54.00                  | Pass   |

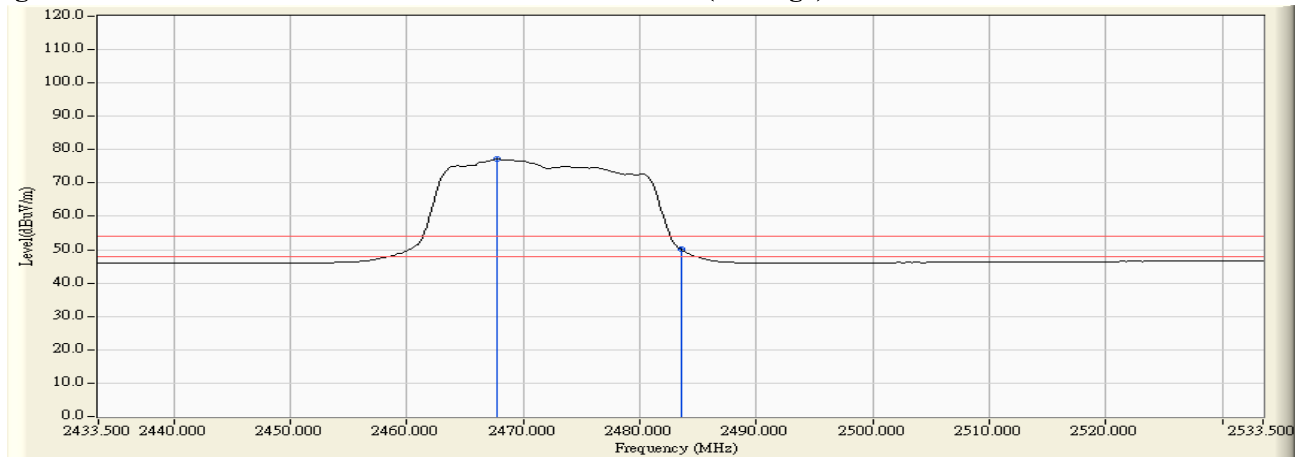
**Figure Channel 13:**

**Vertical (Peak)**



**Figure Channel 13:**

**Vertical (Average)**



Note:

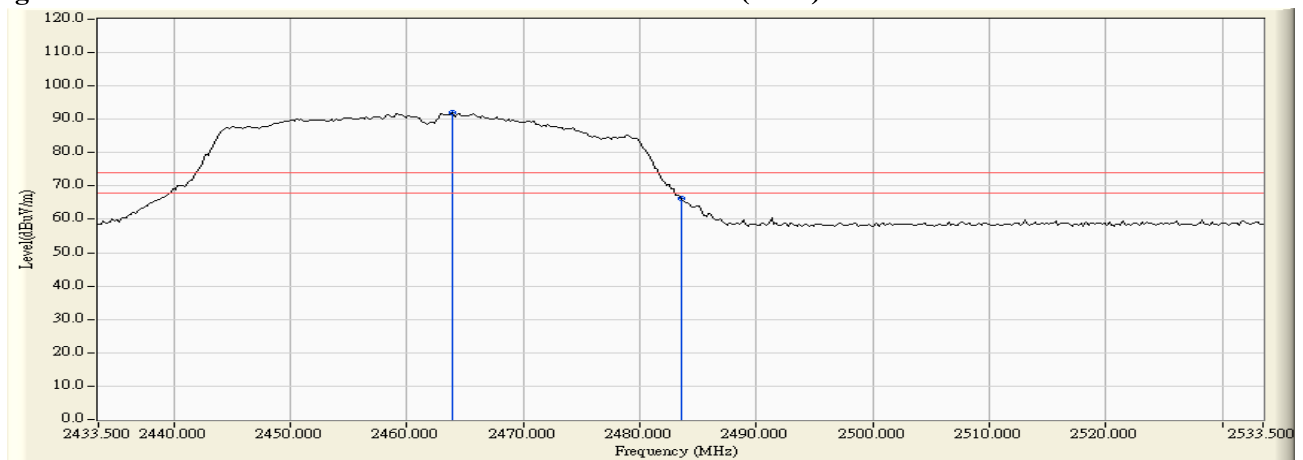
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit - 802.11n-40BW\_15Mbps(2.4G Band)

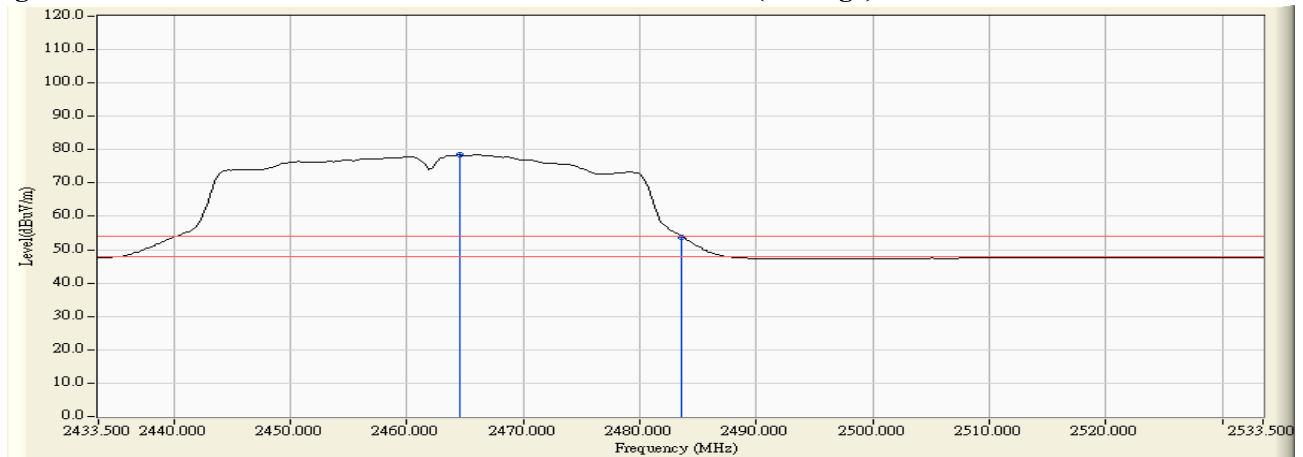
**RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 11 (Peak)    | 2463.900        | 33.897              | 57.972               | 91.869                  | --                  | --                     | Pass   |
| 11 (Peak)    | 2483.500        | 33.951              | 32.240               | 66.190                  | 74.00               | 54.00                  | Pass   |
| 11 (Average) | 2464.500        | 33.899              | 44.575               | 78.474                  | --                  | --                     | Pass   |
| 11 (Average) | 2483.500        | 33.951              | 19.841               | 53.791                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 11: Horizontal (Peak)**



**Figure Channel 11: Horizontal (Average)**



Note:

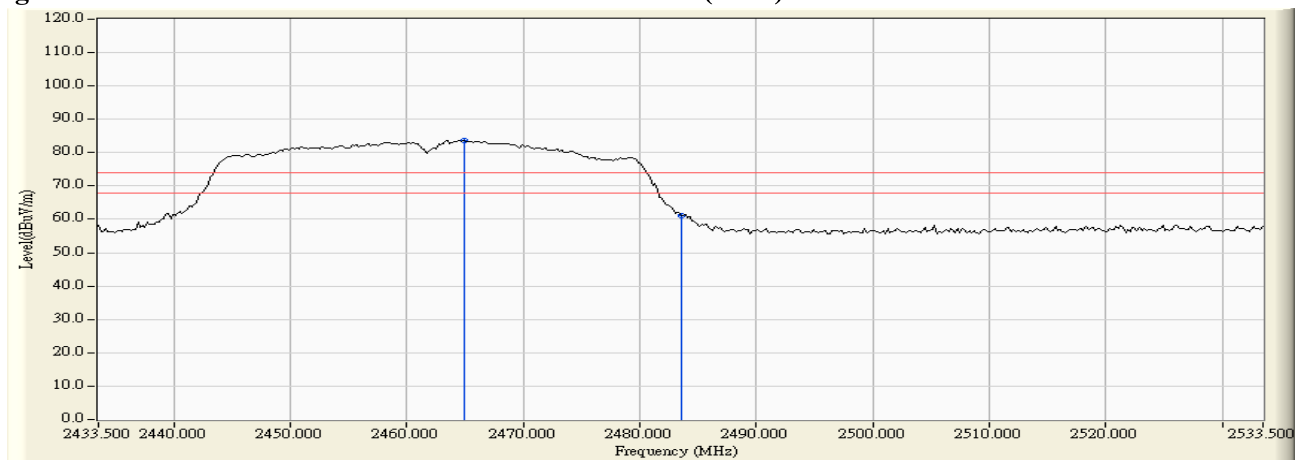
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit - 802.11n-40BW\_15Mbps(2.4G Band)

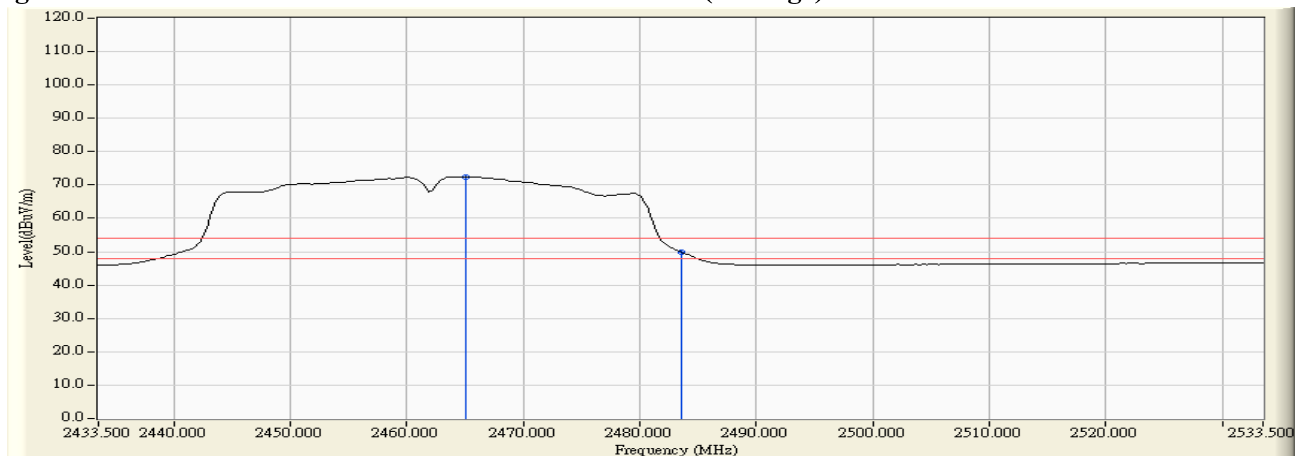
**RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 11 (Peak)    | 2464.900        | 32.495              | 51.061               | 83.555                  | --                  | --                     | Pass   |
| 11 (Peak)    | 2483.500        | 32.586              | 28.526               | 61.111                  | 74.00               | 54.00                  | Pass   |
| 11 (Average) | 2465.100        | 32.495              | 39.978               | 72.473                  | --                  | --                     | Pass   |
| 11 (Average) | 2483.500        | 32.586              | 17.279               | 49.864                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 11: Vertical (Peak)**



**Figure Channel 11: Vertical (Average)**



Note:

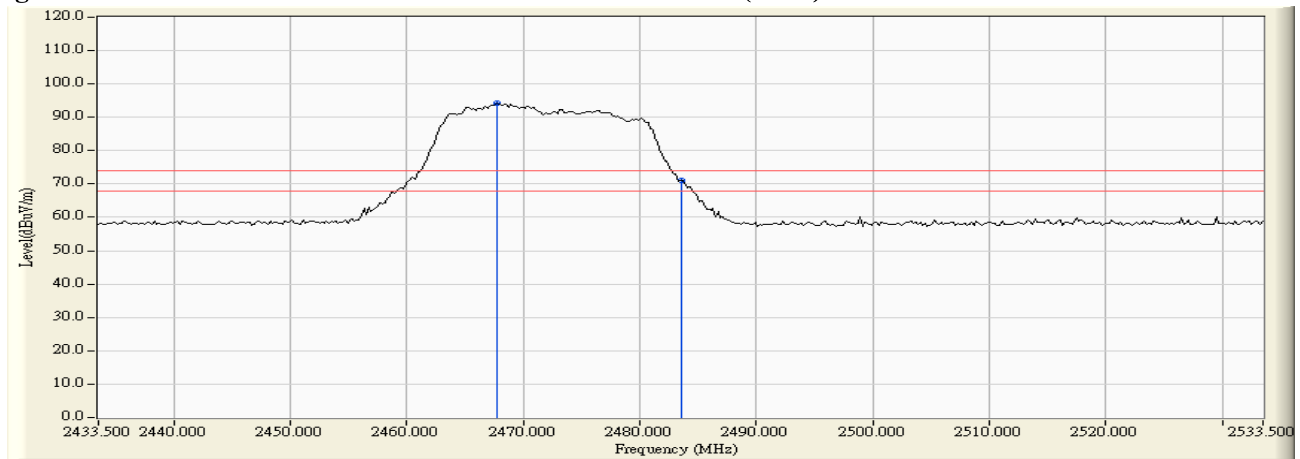
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 3 MIMO: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band)

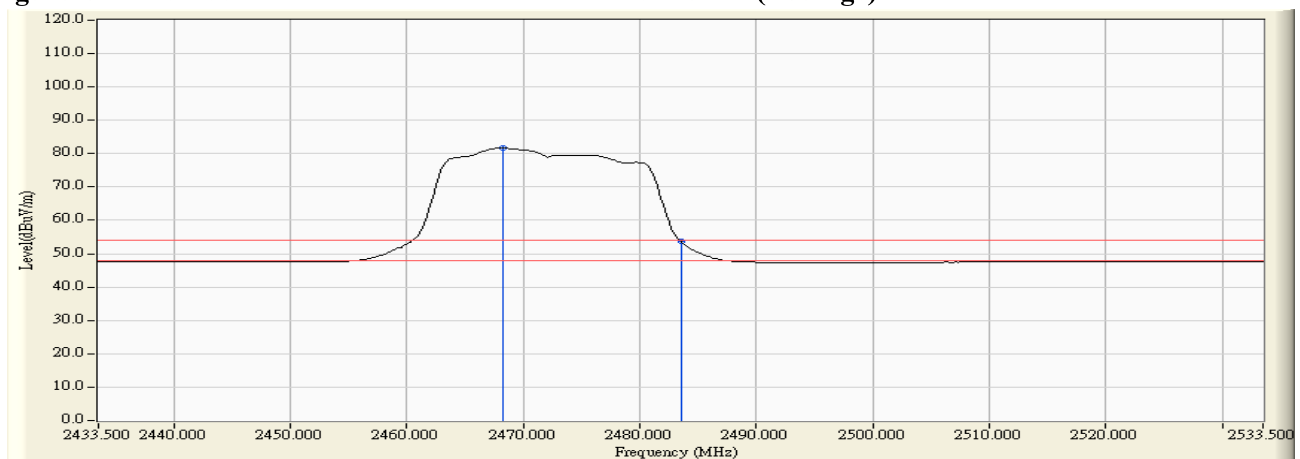
**RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2467.700        | 33.908              | 60.489               | 94.397                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 33.951              | 37.075               | 71.025                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2468.300        | 33.909              | 47.758               | 81.667                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 33.951              | 19.796               | 53.746                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 13: Horizontal (Peak)**



**Figure Channel 13: Horizontal (Average)**



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

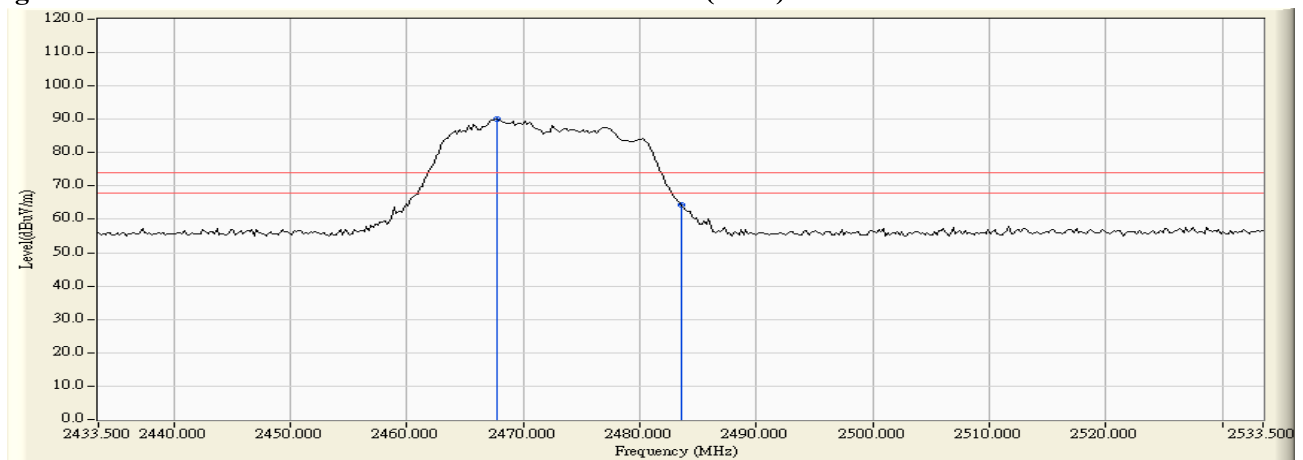
Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 3 MIMO: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band)

**RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2467.700        | 32.509              | 57.469               | 89.977                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 32.586              | 31.803               | 64.388                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2468.300        | 32.511              | 45.159               | 77.670                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 32.586              | 17.899               | 50.484                  | 74.00               | 54.00                  | Pass   |

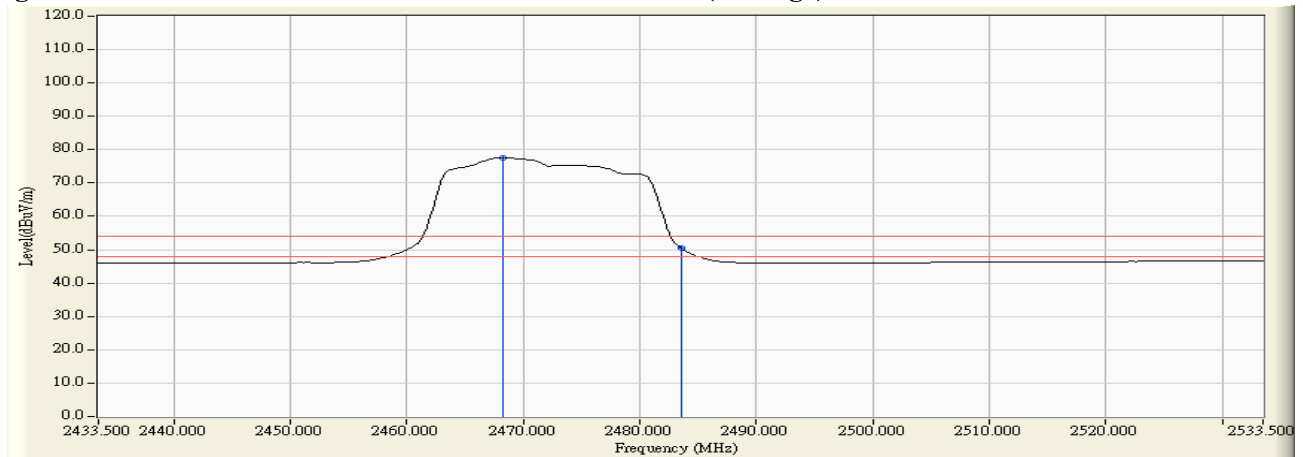
**Figure Channel 13:**

**Vertical (Peak)**



**Figure Channel 13:**

**Vertical (Average)**



Note:

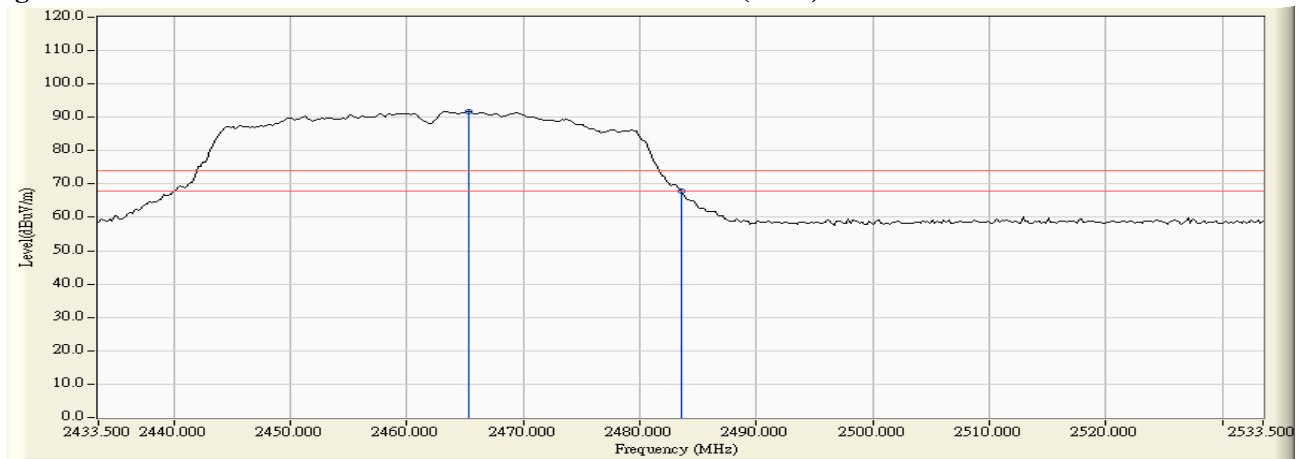
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit - 802.11n-40BW\_30Mbps(2.4G Band)

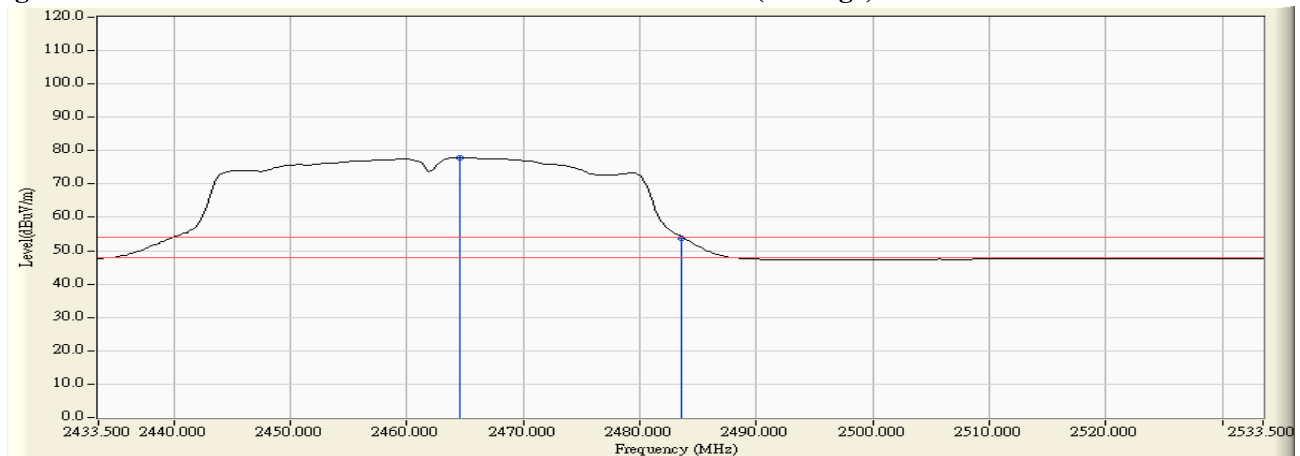
**RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 11 (Peak)    | 2465.300        | 33.901              | 57.851               | 91.752                  | --                  | --                     | Pass   |
| 11 (Peak)    | 2483.500        | 33.951              | 33.890               | 67.840                  | 74.00               | 54.00                  | Pass   |
| 11 (Average) | 2464.500        | 33.899              | 44.098               | 77.997                  | --                  | --                     | Pass   |
| 11 (Average) | 2483.500        | 33.951              | 19.763               | 53.713                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 11: Horizontal (Peak)**



**Figure Channel 11: Horizontal (Average)**



Note:

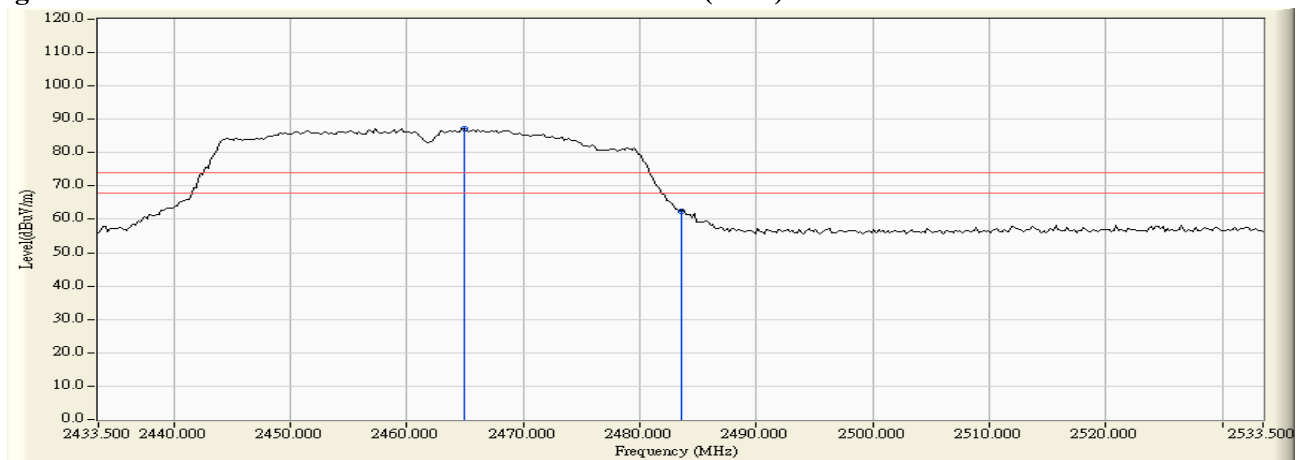
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit - 802.11n-40BW\_30Mbps(2.4G Band)

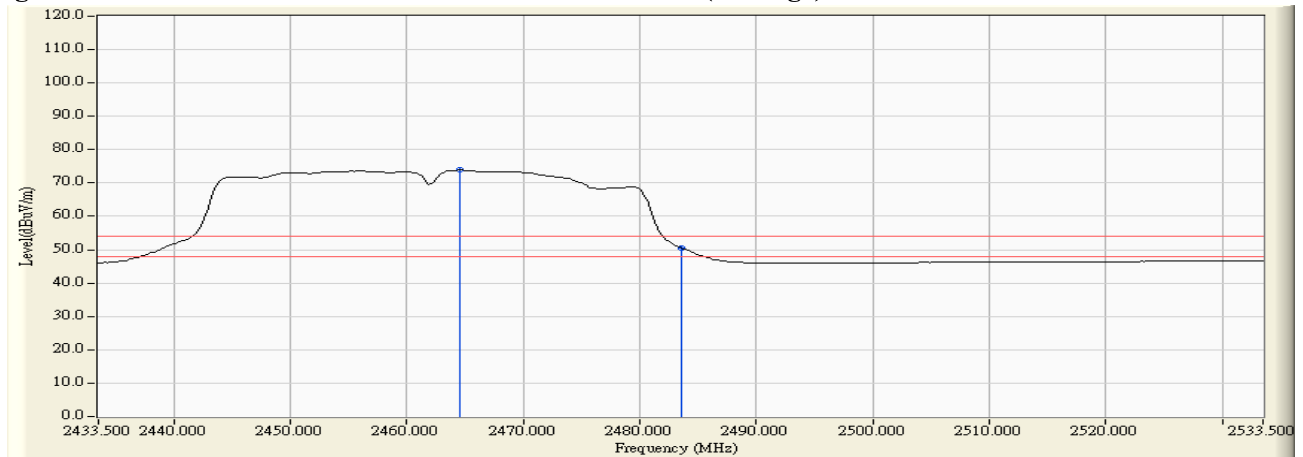
**RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 11 (Peak)    | 2464.900        | 32.495              | 54.793               | 87.287                  | --                  | --                     | Pass   |
| 11 (Peak)    | 2483.500        | 32.586              | 29.804               | 62.389                  | 74.00               | 54.00                  | Pass   |
| 11 (Average) | 2464.500        | 32.492              | 41.373               | 73.865                  | --                  | --                     | Pass   |
| 11 (Average) | 2483.500        | 32.586              | 18.084               | 50.669                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 11: Vertical (Peak)**



**Figure Channel 11: Vertical (Average)**



Note:

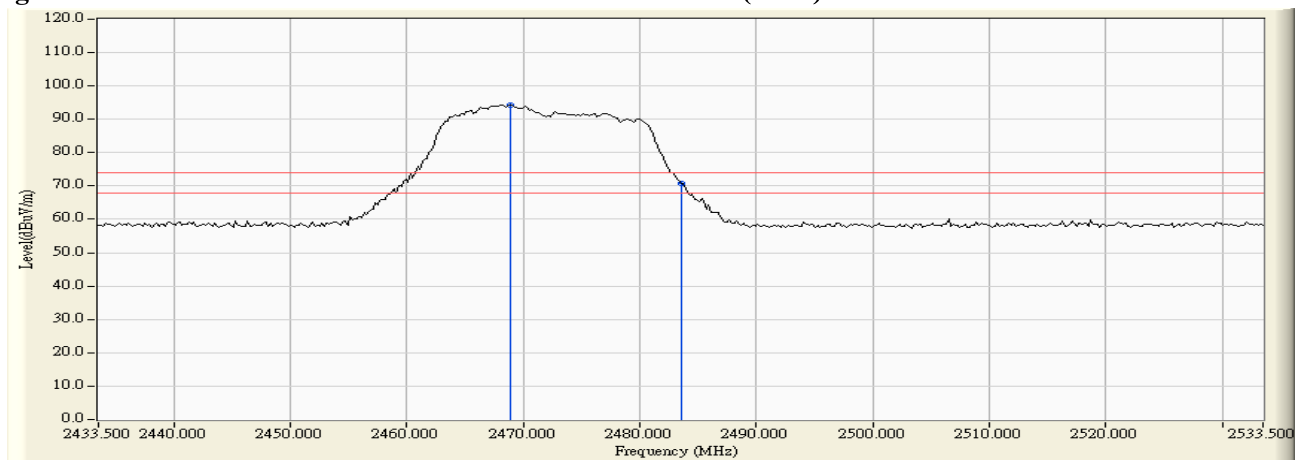
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band)

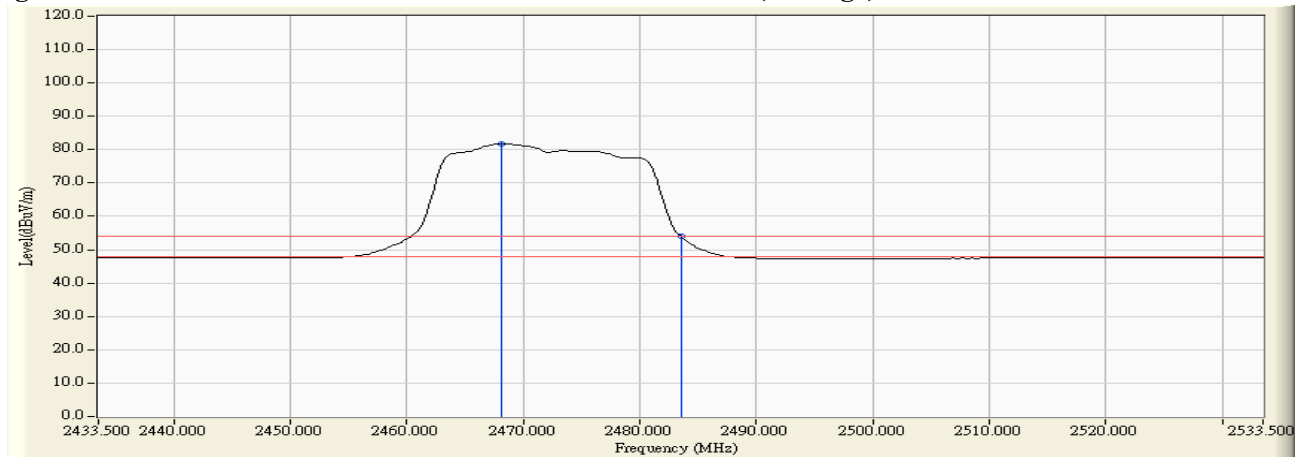
**RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2468.900        | 33.911              | 60.409               | 94.320                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 33.951              | 36.882               | 70.832                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2468.100        | 33.909              | 47.858               | 81.767                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 33.951              | 20.001               | 53.951                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 13: Horizontal (Peak)**



**Figure Channel 13: Horizontal (Average)**



Note:

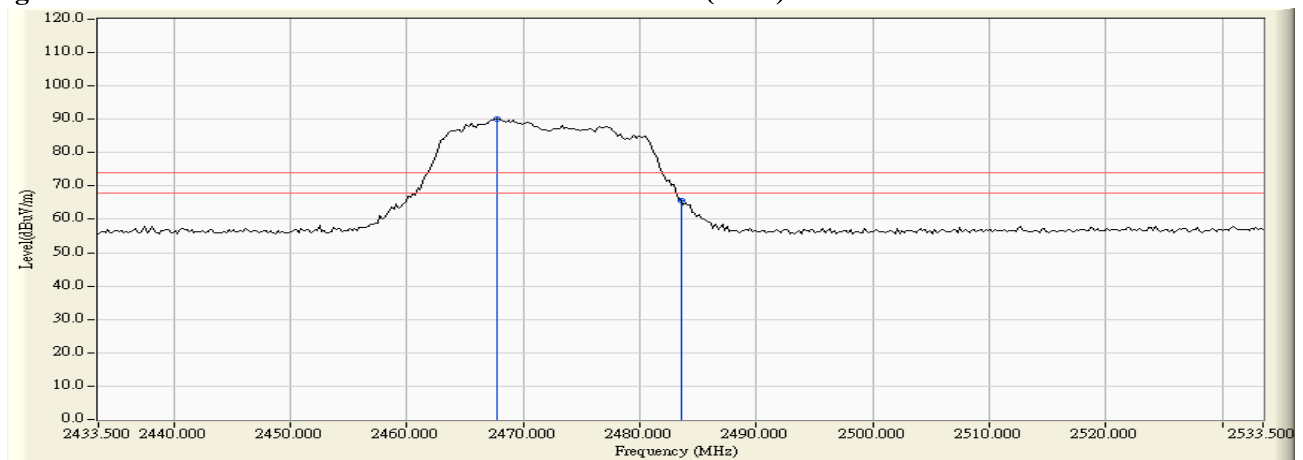
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band)

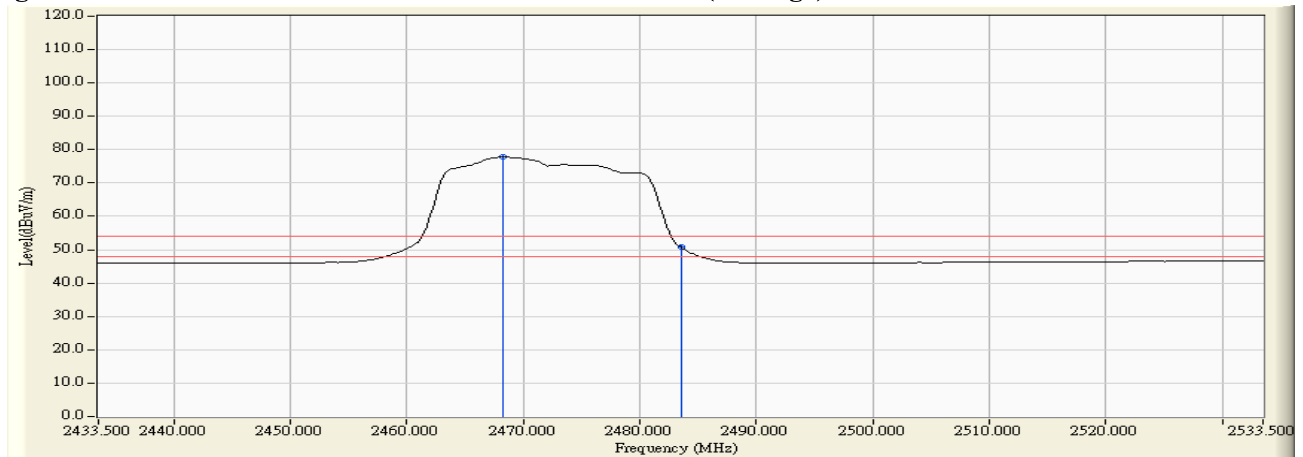
**RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 13 (Peak)    | 2467.700        | 32.509              | 57.584               | 90.092                  | --                  | --                     | Pass   |
| 13 (Peak)    | 2483.500        | 32.586              | 32.912               | 65.497                  | 74.00               | 54.00                  | Pass   |
| 13 (Average) | 2468.300        | 32.511              | 45.267               | 77.778                  | --                  | --                     | Pass   |
| 13 (Average) | 2483.500        | 32.586              | 18.176               | 50.761                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 13: Vertical (Peak)**



**Figure Channel 13: Vertical (Average)**



Note:

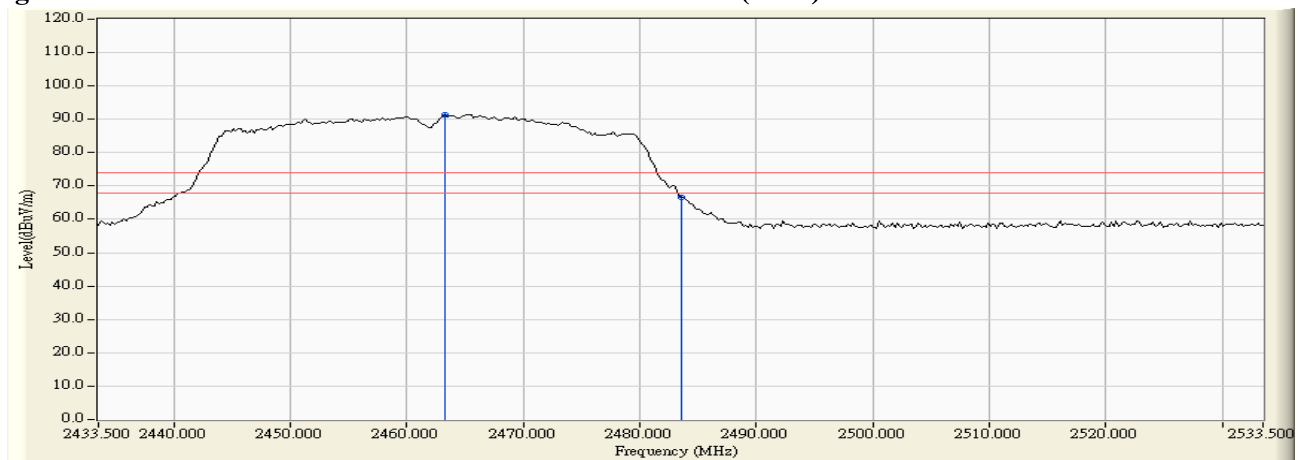
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit - 802.11n-40BW\_30Mbps(2.4G Band)

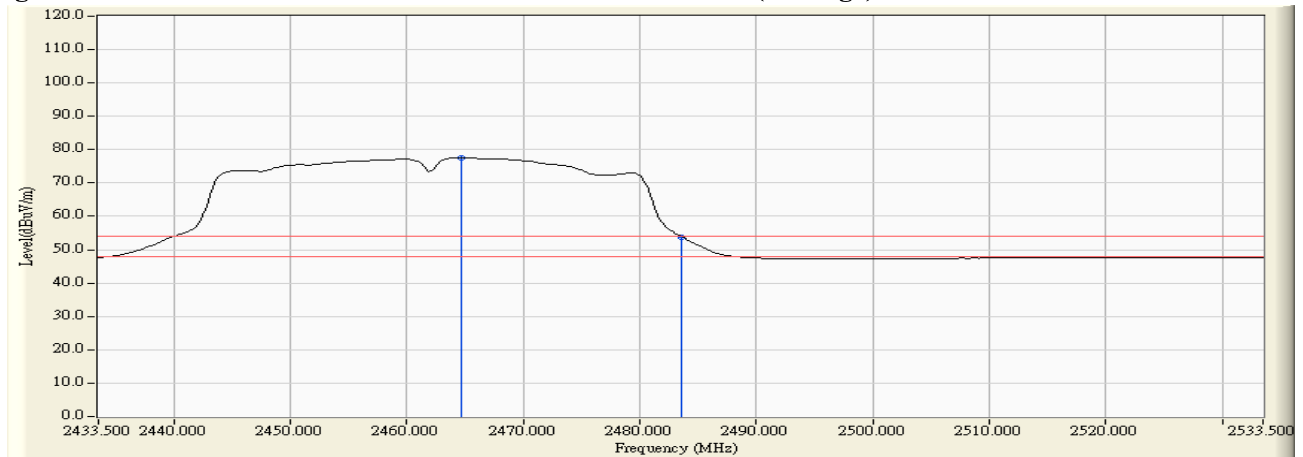
**RF Radiated Measurement (Horizontal):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 11 (Peak)    | 2463.300        | 33.895              | 57.598               | 91.494                  | --                  | --                     | Pass   |
| 11 (Peak)    | 2483.500        | 33.951              | 32.712               | 66.662                  | 74.00               | 54.00                  | Pass   |
| 11 (Average) | 2464.700        | 33.900              | 43.782               | 77.682                  | --                  | --                     | Pass   |
| 11 (Average) | 2483.500        | 33.951              | 19.661               | 53.611                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 11: Horizontal (Peak)**



**Figure Channel 11: Horizontal (Average)**



Note:

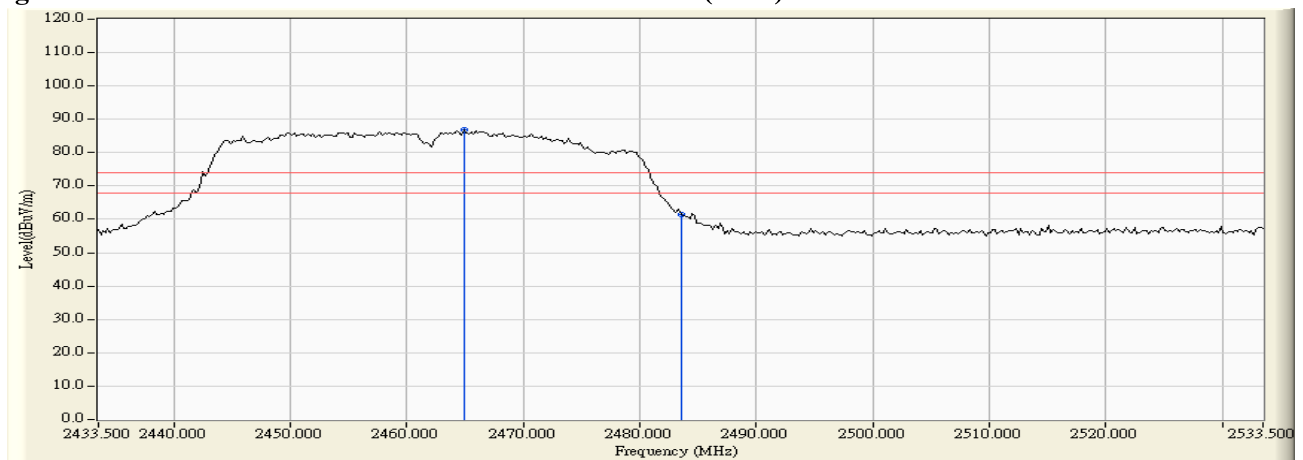
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit - 802.11n-40BW\_30Mbps(2.4G Band)

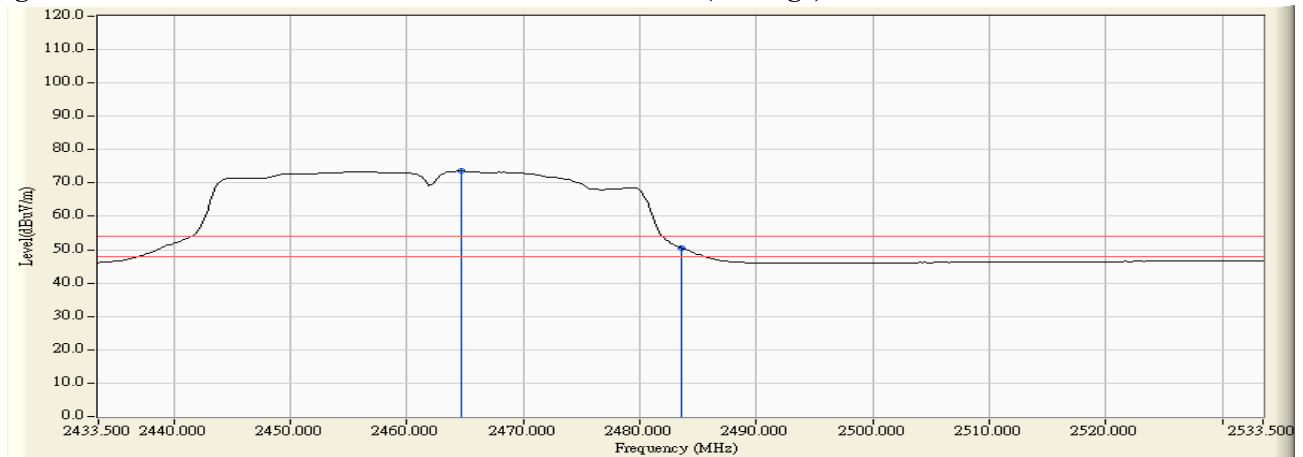
**RF Radiated Measurement (Vertical):**

| Channel No.  | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 11 (Peak)    | 2464.900        | 32.495              | 54.437               | 86.931                  | --                  | --                     | Pass   |
| 11 (Peak)    | 2483.500        | 32.586              | 28.995               | 61.580                  | 74.00               | 54.00                  | Pass   |
| 11 (Average) | 2464.700        | 32.494              | 41.127               | 73.620                  | --                  | --                     | Pass   |
| 11 (Average) | 2483.500        | 32.586              | 17.990               | 50.575                  | 74.00               | 54.00                  | Pass   |

**Figure Channel 11: Vertical (Peak)**



**Figure Channel 11: Vertical (Average)**



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

#### **4. EMI Reduction Method During Compliance Testing**

No modification was made during testing.