

# FCC Test Report

## (Class II Permissive Change)

|              |                                   |
|--------------|-----------------------------------|
| 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 Carolina 29210 USA |

|                 |                     |
|-----------------|---------------------|
| Date of Receipt | July. 21, 2015      |
| Issued Date     | Aug. 07, 2015       |
| Report No.      | 1570526R-RFUSP05V00 |
| 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 of the equipment and evaluated measurement uncertainty herein.

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# Test Report

Issued Date: Aug. 07, 2015

Report No.: 1570526R-RFUSP05V00



|                     |                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                  |
| FCC ID.             | PD98260D2                                                                                                                                |
| EUT Rated Voltage   | DC 3.3V                                                                                                                                  |
| EUT Test Voltage    | AC 120V/60Hz                                                                                                                             |
| Trade Name          | Intel                                                                                                                                    |
| Applicable Standard | FCC CFR Title 47 Part 15 Subpart E: 2014<br>ANSI C63.4: 2014, ANSI C63.10: 2013<br>789033 D02 General UNII Test Procedures New Rules v01 |
| Test Result         | Complied                                                                                                                                 |

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## 1. GENERAL INFORMATION

### 1.1. EUT Description

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Product Name       | Intel® Dual Band Wireless-AC 8260                                                     |
| Trade Name         | Intel                                                                                 |
| FCC ID.            | PD98260D2                                                                             |
| Model No.          | 8260D2W                                                                               |
| Frequency Range    | 802.11a/n-20MHz:5745-5825MHz<br>802.11n-40MHz:5755-5795MHz<br>802.11ac-80MHz: 5775MHz |
| Number of Channels | 802.11a/n-20MHz: 5, n-40MHz: 2, ac-80MHz: 1                                           |
| Data Rate          | 802.11a/g: 6-54Mbps, 802.11n: up to 300Mbps<br>802.11ac: up to 866.7Mbps              |
| Channel Control    | Auto                                                                                  |
| Type of Modulation | 802.11a/n/ac:OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM                                   |
| Antenna type       | PIFA Antenna                                                                          |
| Antenna Gain       | Refer to the table “Antenna List”                                                     |

#### Antenna List

| No. | Manufacturer | Part No.                 | Antenna type | Peak Gain                   |
|-----|--------------|--------------------------|--------------|-----------------------------|
| 1.  | SkyCross     | N/A (Main)<br>N/A (Aux ) | PIFA         | 4.97 dBi for 5.725~5.850GHz |

Note: 1. The antenna of EUT is conform to FCC 15.203.

802.11a/n-20MHz Center Working Frequency of Each Channel:

| Channel               | Frequency | Channel               | Frequency | Channel               | Frequency | Channel               | Frequency |
|-----------------------|-----------|-----------------------|-----------|-----------------------|-----------|-----------------------|-----------|
| Channel 149: 5745 MHz |           | Channel 153: 5765 MHz |           | Channel 157: 5785 MHz |           | Channel 161: 5805 MHz |           |
| Channel 165: 5825 MHz |           |                       |           |                       |           |                       |           |

802.11n-40MHz Center Working Frequency of Each Channel:

| Channel               | Frequency | Channel               | Frequency |
|-----------------------|-----------|-----------------------|-----------|
| Channel 151: 5755 MHz |           | Channel 159: 5795 MHz |           |

802.11ac-80MHz Center Working Frequency of Each Channel:

| Channel               | Frequency |
|-----------------------|-----------|
| Channel 155: 5775 MHz |           |

**Duty Cycle**

If duty cycle is <98%, duty factor shall be considered.

Formula:

Duty cycle =  $T_{on} / (T_{on} + T_{off})$

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

Results:

|             | Duty Cycle | Duty Factor (dB) |
|-------------|------------|------------------|
| 802.11a     | 0.982      | 0.079            |
| 802.11n-20  | 0.98       | 0.088            |
| 802.11n-40  | 0.966      | 0.150            |
| 802.11ac-80 | 0.799      | 0.975            |

Note:

1. This device is an Intel® Dual Band Wireless-AC 8260 including an IEEE 802.11 a/n/ac WLAN transceiver.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart E for Unlicensed National Information Infrastructure devices.
4. This is to request a Class II permissive change for FCC ID: PD98260D2, originally granted on 05/26/2015.

The major change filed under this application is:

Changes in operation in U-NII-3 Band:

This device previously authorized under Section 15.247, a Class II permissive change reduce the Output Power through firmware filing to demonstrate compliance with the “New Rules”.

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Mode | Mode 1 SISO A: Transmit (802.11a-6Mbps)<br>Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps)<br>Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps)<br>Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps)<br>Mode 2 SISO B: Transmit (802.11a-6Mbps)<br>Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps)<br>Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps)<br>Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps)<br>Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps)<br>Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps)<br>Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps)<br>Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps)<br>Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps)<br>Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps) |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

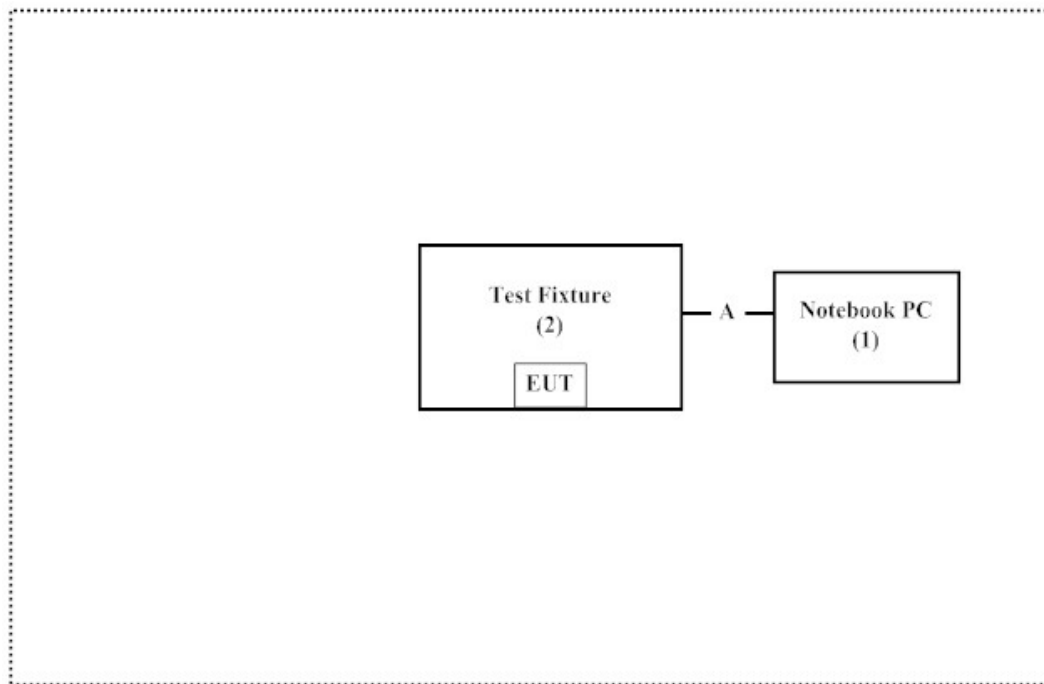
### 1.3. Tested System Details

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 and peripherals as shown in section 1.4.
- (2) Execute “DRTU (Ver 1.8.1-01253)” program on the Notebook PC.
- (3) Configure the test mode, the test channel, and the data rate.
- (4) Start the continuous transmission.
- (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

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FCC Accreditation Number: TW1014

## 2. Conducted Emission

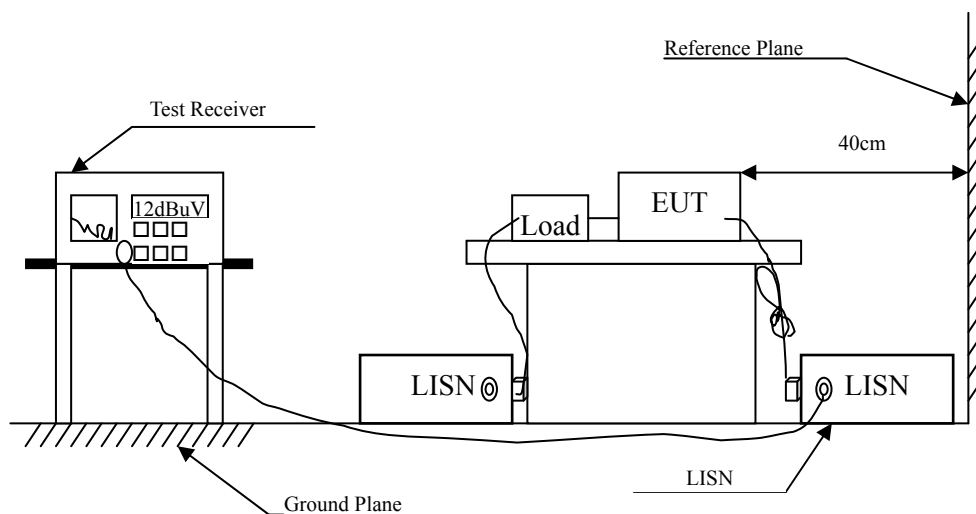
### 2.1. Test Equipment

|   | Equipment                | Manufacturer | Model No. / Serial No. | Last Cal.  | Remark      |
|---|--------------------------|--------------|------------------------|------------|-------------|
| X | Test Receiver            | R & S        | ESCS 30 / 825442/018   | Sep., 2014 |             |
| X | Artificial Mains Network | R & S        | ENV4200 / 848411/10    | Feb., 2015 | Peripherals |
| X | LISN                     | R & S        | ESH3-Z5 / 825562/002   | Feb., 2015 | EUT         |
|   | DC LISN                  | Schwarzbeck  | 8226 / 176             | Mar, 2015  | EUT         |
| X | Pulse Limiter            | R & S        | ESH3-Z2 / 357.8810.52  | Feb., 2015 |             |
|   | No.1 Shielded Room       |              |                        |            |             |

Note:

1. All equipment is calibrated once a year or as required by manufacturer.
2. All equipment is calibrated to traceable calibration procedures.
3. The test instruments marked by "X" are used to measure the final test results.

### 2.2. Test Setup



### 2.3. Limits

| <b>FCC Part 15 Subpart C Paragraph 15.207 (dBUV) Limit</b> |        |       |
|------------------------------------------------------------|--------|-------|
| Frequency<br>MHz                                           | Limits |       |
|                                                            | QP     | AV    |
| 0.15 - 0.50                                                | 66-56  | 56-46 |
| 0.50-5.0                                                   | 56     | 46    |
| 5.0 - 30                                                   | 60     | 50    |

Remarks : In the above table, the tighter limit applies at the band edges.

### 2.4. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

The EUT was setup to ANSI C63.4, 2014; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

### 2.5. Uncertainty

$\pm 2.26$  dB

## 2.6. Test Result of Conducted Emission

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Conducted Emission Test  
 Power Line : Line 1  
 Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

| Frequency<br>MHz  | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV | Margin<br>dB | Limit<br>dBuV |
|-------------------|-------------------------|--------------------------|------------------------------|--------------|---------------|
| <b>LINE 1</b>     |                         |                          |                              |              |               |
| <b>Quasi-Peak</b> |                         |                          |                              |              |               |
| 0.150             | 9.671                   | 37.200                   | 46.871                       | -19.129      | 66.000        |
| 0.177             | 9.663                   | 31.310                   | 40.973                       | -24.256      | 65.229        |
| 0.209             | 9.661                   | 29.790                   | 39.451                       | -24.863      | 64.314        |
| 0.568             | 9.680                   | 29.690                   | 39.370                       | -16.630      | 56.000        |
| 2.345             | 9.783                   | 20.130                   | 29.913                       | -26.087      | 56.000        |
| 18.904            | 10.052                  | 12.050                   | 22.102                       | -37.898      | 60.000        |
| <b>Average</b>    |                         |                          |                              |              |               |
| 0.150             | 9.671                   | 30.480                   | 40.151                       | -15.849      | 56.000        |
| 0.177             | 9.663                   | 22.920                   | 32.583                       | -22.646      | 55.229        |
| 0.209             | 9.661                   | 22.410                   | 32.071                       | -22.243      | 54.314        |
| 0.568             | 9.680                   | 20.990                   | 30.670                       | -15.330      | 46.000        |
| 2.345             | 9.783                   | 10.320                   | 20.103                       | -25.897      | 46.000        |
| 18.904            | 10.052                  | 5.580                    | 15.632                       | -34.368      | 50.000        |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Conducted Emission Test  
Power Line : Line 2  
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

| Frequency         | Correct | Reading | Measurement | Margin  | Limit  |
|-------------------|---------|---------|-------------|---------|--------|
| MHz               | Factor  | Level   | Level       |         |        |
|                   | dB      | dBuV    | dBuV        | dB      | dBuV   |
| <b>LINE 2</b>     |         |         |             |         |        |
| <b>Quasi-Peak</b> |         |         |             |         |        |
| 0.150             | 9.671   | 36.650  | 46.321      | -19.679 | 66.000 |
| 0.181             | 9.662   | 32.960  | 42.622      | -22.492 | 65.114 |
| 0.541             | 9.679   | 28.470  | 38.149      | -17.851 | 56.000 |
| 0.568             | 9.680   | 28.610  | 38.290      | -17.710 | 56.000 |
| 2.361             | 9.783   | 21.160  | 30.943      | -25.057 | 56.000 |
| 19.377            | 10.186  | 11.950  | 22.136      | -37.864 | 60.000 |
| <b>Average</b>    |         |         |             |         |        |
| 0.150             | 9.671   | 28.540  | 38.211      | -17.789 | 56.000 |
| 0.181             | 9.662   | 16.730  | 26.392      | -28.722 | 55.114 |
| 0.541             | 9.679   | 24.960  | 34.639      | -11.361 | 46.000 |
| 0.568             | 9.680   | 23.240  | 32.920      | -13.080 | 46.000 |
| 2.361             | 9.783   | 11.660  | 21.443      | -24.557 | 46.000 |
| 19.377            | 10.186  | 2.690   | 12.876      | -37.124 | 50.000 |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Conducted Emission Test  
Power Line : Line 1  
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

| Frequency         | Correct | Reading | Measurement | Margin  | Limit  |
|-------------------|---------|---------|-------------|---------|--------|
| MHz               | Factor  | Level   | Level       |         |        |
|                   | dB      | dBuV    | dBuV        | dB      | dBuV   |
| <b>LINE 1</b>     |         |         |             |         |        |
| <b>Quasi-Peak</b> |         |         |             |         |        |
| 0.181             | 9.662   | 33.990  | 43.652      | -21.462 | 65.114 |
| 0.212             | 9.661   | 31.230  | 40.891      | -23.338 | 64.229 |
| 0.240             | 9.663   | 25.890  | 35.553      | -27.876 | 63.429 |
| 0.556             | 9.680   | 27.050  | 36.730      | -19.270 | 56.000 |
| 2.337             | 9.783   | 20.830  | 30.613      | -25.387 | 56.000 |
| 19.638            | 10.058  | 10.950  | 21.008      | -38.992 | 60.000 |
| <b>Average</b>    |         |         |             |         |        |
| 0.181             | 9.662   | 27.390  | 37.052      | -18.062 | 55.114 |
| 0.212             | 9.661   | 21.190  | 30.851      | -23.378 | 54.229 |
| 0.240             | 9.663   | 15.470  | 25.133      | -28.296 | 53.429 |
| 0.556             | 9.680   | 14.240  | 23.920      | -22.080 | 46.000 |
| 2.337             | 9.783   | 17.520  | 27.303      | -18.697 | 46.000 |
| 19.638            | 10.058  | 2.410   | 12.468      | -37.532 | 50.000 |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Conducted Emission Test  
Power Line : Line 2  
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

| Frequency         | Correct | Reading | Measurement | Margin  | Limit  |
|-------------------|---------|---------|-------------|---------|--------|
| MHz               | Factor  | Level   | Level       |         |        |
|                   | dB      | dBuV    | dBuV        | dB      | dBuV   |
| <b>LINE 2</b>     |         |         |             |         |        |
| <b>Quasi-Peak</b> |         |         |             |         |        |
| 0.181             | 9.662   | 32.640  | 42.302      | -22.812 | 65.114 |
| 0.212             | 9.661   | 28.890  | 38.551      | -25.678 | 64.229 |
| 0.244             | 9.663   | 25.180  | 34.843      | -28.471 | 63.314 |
| 0.545             | 9.679   | 28.910  | 38.589      | -17.411 | 56.000 |
| 2.365             | 9.784   | 20.810  | 30.594      | -25.406 | 56.000 |
| 19.240            | 10.185  | 11.360  | 21.545      | -38.455 | 60.000 |
| <b>Average</b>    |         |         |             |         |        |
| 0.181             | 9.662   | 24.960  | 34.622      | -20.492 | 55.114 |
| 0.212             | 9.661   | 20.580  | 30.241      | -23.988 | 54.229 |
| 0.244             | 9.663   | 17.960  | 27.623      | -25.691 | 53.314 |
| 0.545             | 9.679   | 27.290  | 36.969      | -9.031  | 46.000 |
| 2.365             | 9.784   | 15.040  | 24.824      | -21.176 | 46.000 |
| 19.240            | 10.185  | 5.340   | 15.525      | -34.475 | 50.000 |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Conducted Emission Test  
Power Line : Line 1  
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

| Frequency         | Correct | Reading | Measurement | Margin  | Limit  |
|-------------------|---------|---------|-------------|---------|--------|
| MHz               | Factor  | Level   | Level       |         |        |
|                   | dB      | dBuV    | dBuV        | dB      | dBuV   |
| <b>LINE 1</b>     |         |         |             |         |        |
| <b>Quasi-Peak</b> |         |         |             |         |        |
| 0.150             | 9.671   | 37.200  | 46.871      | -19.129 | 66.000 |
| 0.177             | 9.663   | 31.310  | 40.973      | -24.256 | 65.229 |
| 0.209             | 9.661   | 29.790  | 39.451      | -24.863 | 64.314 |
| 0.568             | 9.680   | 29.690  | 39.370      | -16.630 | 56.000 |
| 2.345             | 9.783   | 20.130  | 29.913      | -26.087 | 56.000 |
| 18.904            | 10.052  | 12.050  | 22.102      | -37.898 | 60.000 |
| <b>Average</b>    |         |         |             |         |        |
| 0.150             | 9.671   | 30.480  | 40.151      | -15.849 | 56.000 |
| 0.177             | 9.663   | 22.920  | 32.583      | -22.646 | 55.229 |
| 0.209             | 9.661   | 22.410  | 32.071      | -22.243 | 54.314 |
| 0.568             | 9.680   | 20.990  | 30.670      | -15.330 | 46.000 |
| 2.345             | 9.783   | 10.320  | 20.103      | -25.897 | 46.000 |
| 18.904            | 10.052  | 5.580   | 15.632      | -34.368 | 50.000 |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Conducted Emission Test  
Power Line : Line 2  
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

| Frequency         | Correct | Reading | Measurement | Margin  | Limit  |
|-------------------|---------|---------|-------------|---------|--------|
| MHz               | Factor  | Level   | Level       |         |        |
|                   | dB      | dBuV    | dBuV        | dB      | dBuV   |
| <b>LINE 2</b>     |         |         |             |         |        |
| <b>Quasi-Peak</b> |         |         |             |         |        |
| 0.150             | 9.671   | 36.650  | 46.321      | -19.679 | 66.000 |
| 0.181             | 9.662   | 32.960  | 42.622      | -22.492 | 65.114 |
| 0.541             | 9.679   | 28.470  | 38.149      | -17.851 | 56.000 |
| 0.568             | 9.680   | 28.610  | 38.290      | -17.710 | 56.000 |
| 2.361             | 9.783   | 21.160  | 30.943      | -25.057 | 56.000 |
| 19.377            | 10.186  | 11.950  | 22.136      | -37.864 | 60.000 |
| <b>Average</b>    |         |         |             |         |        |
| 0.150             | 9.671   | 28.540  | 38.211      | -17.789 | 56.000 |
| 0.181             | 9.662   | 16.730  | 26.392      | -28.722 | 55.114 |
| 0.541             | 9.679   | 24.960  | 34.639      | -11.361 | 46.000 |
| 0.568             | 9.680   | 23.240  | 32.920      | -13.080 | 46.000 |
| 2.361             | 9.783   | 11.660  | 21.443      | -24.557 | 46.000 |
| 19.377            | 10.186  | 2.690   | 12.876      | -37.124 | 50.000 |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Conducted Emission Test  
Power Line : Line 1  
Test Mode : Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

| Frequency         | Correct | Reading | Measurement | Margin  | Limit  |
|-------------------|---------|---------|-------------|---------|--------|
| MHz               | Factor  | Level   | Level       |         |        |
|                   | dB      | dBuV    | dBuV        | dB      | dBuV   |
| <b>LINE 1</b>     |         |         |             |         |        |
| <b>Quasi-Peak</b> |         |         |             |         |        |
| 0.185             | 9.661   | 30.760  | 40.421      | -24.579 | 65.000 |
| 0.216             | 9.661   | 25.190  | 34.851      | -29.263 | 64.114 |
| 0.548             | 9.679   | 29.650  | 39.329      | -16.671 | 56.000 |
| 0.572             | 9.681   | 31.270  | 40.951      | -15.049 | 56.000 |
| 2.408             | 9.785   | 20.030  | 29.815      | -26.185 | 56.000 |
| 19.291            | 10.055  | 12.210  | 22.265      | -37.735 | 60.000 |
| <b>Average</b>    |         |         |             |         |        |
| 0.185             | 9.661   | 17.750  | 27.411      | -27.589 | 55.000 |
| 0.216             | 9.661   | 17.140  | 26.801      | -27.313 | 54.114 |
| 0.548             | 9.679   | 27.680  | 37.359      | -8.641  | 46.000 |
| 0.572             | 9.681   | 27.920  | 37.601      | -8.399  | 46.000 |
| 2.408             | 9.785   | 12.710  | 22.495      | -23.505 | 46.000 |
| 19.291            | 10.055  | 1.770   | 11.825      | -38.175 | 50.000 |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Conducted Emission Test  
Power Line : Line 2  
Test Mode : Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

| Frequency         | Correct | Reading | Measurement | Margin  | Limit  |
|-------------------|---------|---------|-------------|---------|--------|
| MHz               | Factor  | Level   | Level       |         |        |
|                   | dB      | dBuV    | dBuV        | dB      | dBuV   |
| <b>LINE 2</b>     |         |         |             |         |        |
| <b>Quasi-Peak</b> |         |         |             |         |        |
| 0.177             | 9.663   | 31.230  | 40.893      | -24.336 | 65.229 |
| 0.185             | 9.661   | 29.540  | 39.201      | -25.799 | 65.000 |
| 0.209             | 9.661   | 28.730  | 38.391      | -25.923 | 64.314 |
| 0.545             | 9.679   | 29.360  | 39.039      | -16.961 | 56.000 |
| 2.302             | 9.782   | 20.150  | 29.932      | -26.068 | 56.000 |
| 18.388            | 10.167  | 9.310   | 19.477      | -40.523 | 60.000 |
| <b>Average</b>    |         |         |             |         |        |
| 0.177             | 9.663   | 24.550  | 34.213      | -21.016 | 55.229 |
| 0.185             | 9.661   | 19.240  | 28.901      | -26.099 | 55.000 |
| 0.209             | 9.661   | 20.360  | 30.021      | -24.293 | 54.314 |
| 0.545             | 9.679   | 28.410  | 38.089      | -7.911  | 46.000 |
| 2.302             | 9.782   | 14.470  | 24.252      | -21.748 | 46.000 |
| 18.388            | 10.167  | 3.050   | 13.217      | -36.783 | 50.000 |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

### 3. Maximun conducted output power

#### 3.1. Test Equipment

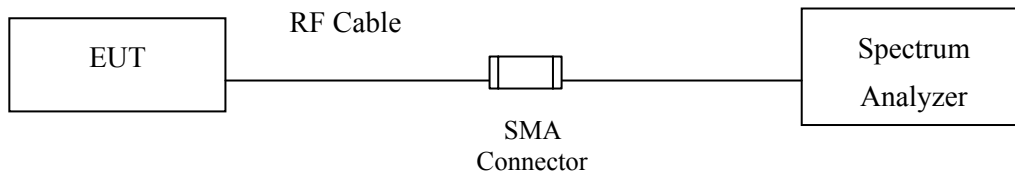
|   | Equipment         | Manufacturer | Model No./Serial No. | Last Cal.  |
|---|-------------------|--------------|----------------------|------------|
| X | Power Meter       | Anritsu      | ML2495A/6K00003357   | May, 2015  |
| X | Power Sensor      | Anritsu      | MA2411B/0738448      | Jun, 2015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

Note:

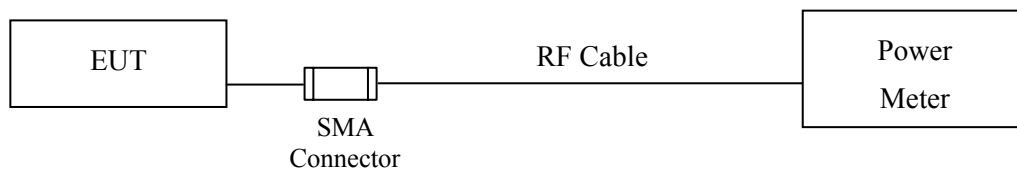
1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with “X” are used to measure the final test results.

#### 3.2. Test Setup

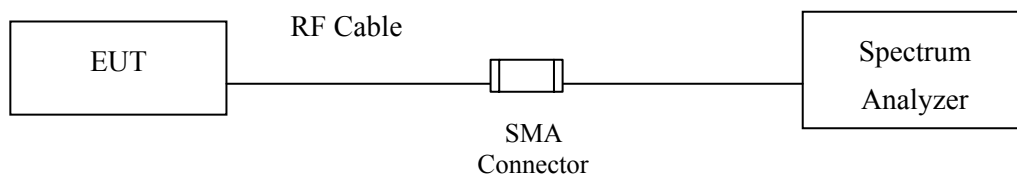
##### 99% Occupied Bandwidth



##### Conduction Power Measurement (for 802.11an)



##### Conduction Power Measurement (for 802.11ac)



### 3.3. Limits

- (1) For the band 5.15-5.25 GHz,
  - (i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W, provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
  - (ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
  - (iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
  - (iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- (2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- (3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point UNII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any

corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

### 3.4. Test Procedure

As an alternative to FCC KDB-789033, the EUT maximum conducted output power was measured with an average power meter employing a video bandwidth greater than the 6dB BW of the emission under test. Maximum conducted output power was read directly from the meter across all data rates, and across three channels within each sub-band. Special care was used to make sure that the EUT was transmitting in continuous mode. This method exceeds the limitations of FCC KDB-789033, and provides more accurate measurements.

802.11an ( $BW \leq 40\text{MHz}$ ) Maximum conducted output power using KDB 789033 section E)3)a)  
Method PM (Measurement using an RF average power meter)

Note: the power meter have a video bandwidth that is greater than or equal to the measurement bandwidth, (Anritsu/ MA2411B video bandwidth: 65MHz)

802.11ac ( $BW=80\text{MHz}$ ) Maximum conducted output power using KDB 789033 section E)2)b)  
Method SA-1 (trace averaging with the EUT transmitting at full power throughout each sweep).

When transmitted signals consist of two or more non-contiguous spectrum segments (e.g., 80+80 MHz mode) or when a single spectrum segment of a transmission crosses the boundary between two adjacent U-NII bands, KDB 644545 D01 section F) procedure is used for measurements.

### 3.5. Uncertainty

$\pm 1.27 \text{ dB}$

### 3.6. Test Result of Maximum conducted output power

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Maximum conducted output power  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps)

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 6                              | 9     | 12    | 18    | 24    | 36    | 48    | 54    |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 149            | 5745            | 18.56                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |
| 157            | 5785            | 20.55                          | 20.48 | 20.41 | 20.34 | 20.27 | 20.20 | 20.13 | 20.06 | <30dBm         |
| 165            | 5825            | 19.33                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

| Channel No | Frequency Range (MHz) | Output Power (dBm) | Duty Factor (dB) | Total Output Power (dBm) | Output Power Limit (dBm) |
|------------|-----------------------|--------------------|------------------|--------------------------|--------------------------|
| 149        | 5745                  | 18.56              | 0.079            | 18.639                   | 30                       |
| 157        | 5785                  | 20.55              | 0.079            | 20.629                   | 30                       |
| 165        | 5825                  | 19.33              | 0.079            | 19.409                   | 30                       |

Note: Total Output Power Value = Output Power value + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Maximum conducted output power  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps)

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 7.2                            | 14.4  | 21.7  | 28.9  | 43.3  | 57.8  | 65    | 72.2  |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 149            | 5745            | 16.23                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |
| 157            | 5785            | 20.71                          | 20.64 | 20.57 | 20.50 | 20.43 | 20.36 | 20.29 | 20.22 | <30dBm         |
| 165            | 5825            | 19.38                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

| Channel No | Frequency Range (MHz) | Output Power (dBm) | Duty Factor (dB) | Total Output Power (dBm) | Output Power Limit (dBm) |
|------------|-----------------------|--------------------|------------------|--------------------------|--------------------------|
| 149        | 5745                  | 16.23              | 0.088            | 16.318                   | 30                       |
| 157        | 5785                  | 20.71              | 0.088            | 20.798                   | 30                       |
| 165        | 5825                  | 19.38              | 0.088            | 19.468                   | 30                       |

Note: Total Output Power Value = Output Power value + Duty Factor



Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Maximum conducted output power  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps)

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 15                             | 30    | 45    | 60    | 90    | 120   | 135   | 150   |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 151            | 5755            | 15.93                          | 15.85 | 15.77 | 15.69 | 15.61 | 15.53 | 15.45 | 15.37 | <30dBm         |
| 159            | 5795            | 18.87                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

| Channel No | Frequency Range (MHz) | Output Power (dBm) | Duty Factor (dB) | Total Output Power (dBm) | Output Power Limit (dBm) |
|------------|-----------------------|--------------------|------------------|--------------------------|--------------------------|
| 151        | 5755                  | 15.93              | 0.15             | 16.08                    | 30                       |
| 159        | 5795                  | 18.87              | 0.15             | 19.02                    | 30                       |

Note: Total Output Power Value = Output Power value + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Maximum conducted output power  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps)

| Cable loss=1dB |                    | Maximum conducted output power |       |       |       |       |       |       |       |      |       |                   |
|----------------|--------------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------------------|
| Channel No     | Frequency<br>(MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       |      |       | Required<br>Limit |
|                |                    | VTH0                           | VTH1  | VTH2  | VTH3  | VTH4  | VTH5  | VTH6  | VTH7  | VTH8 | VTH9  |                   |
| 155            | 5775               | 15.04                          | 14.91 | 14.78 | 14.65 | 14.52 | 14.39 | 14.26 | 14.13 | 14   | 13.87 | <30dBm            |

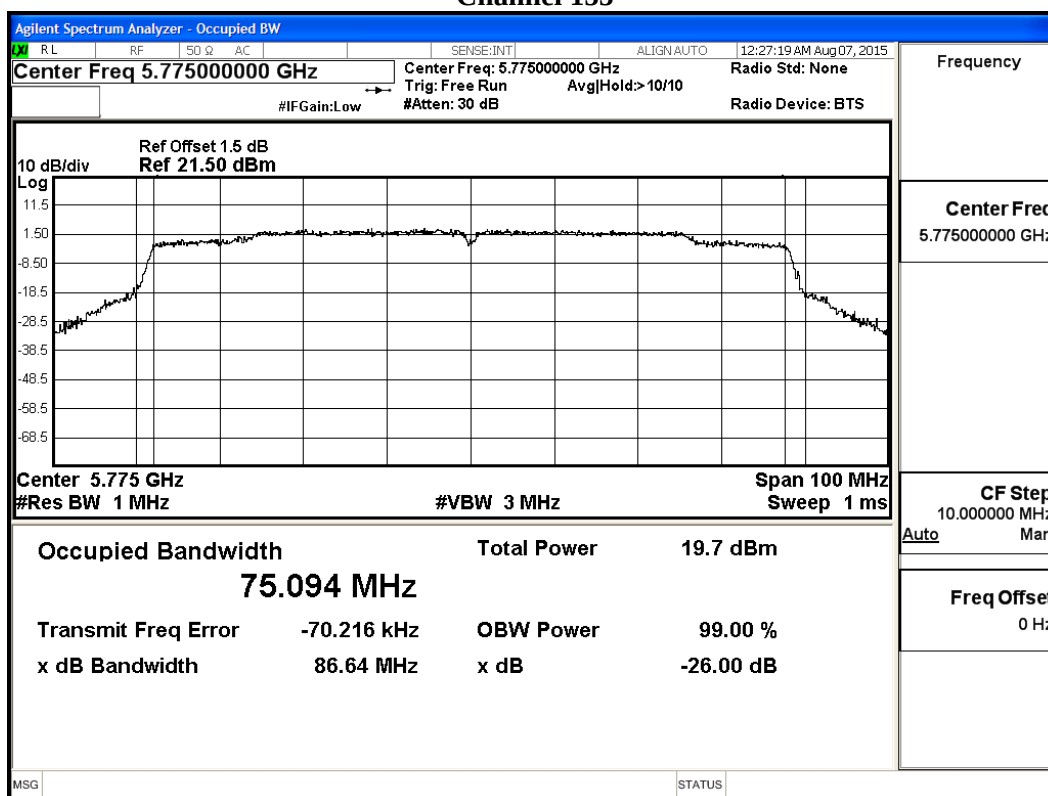
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

### Maximum conducted output power Measurement:

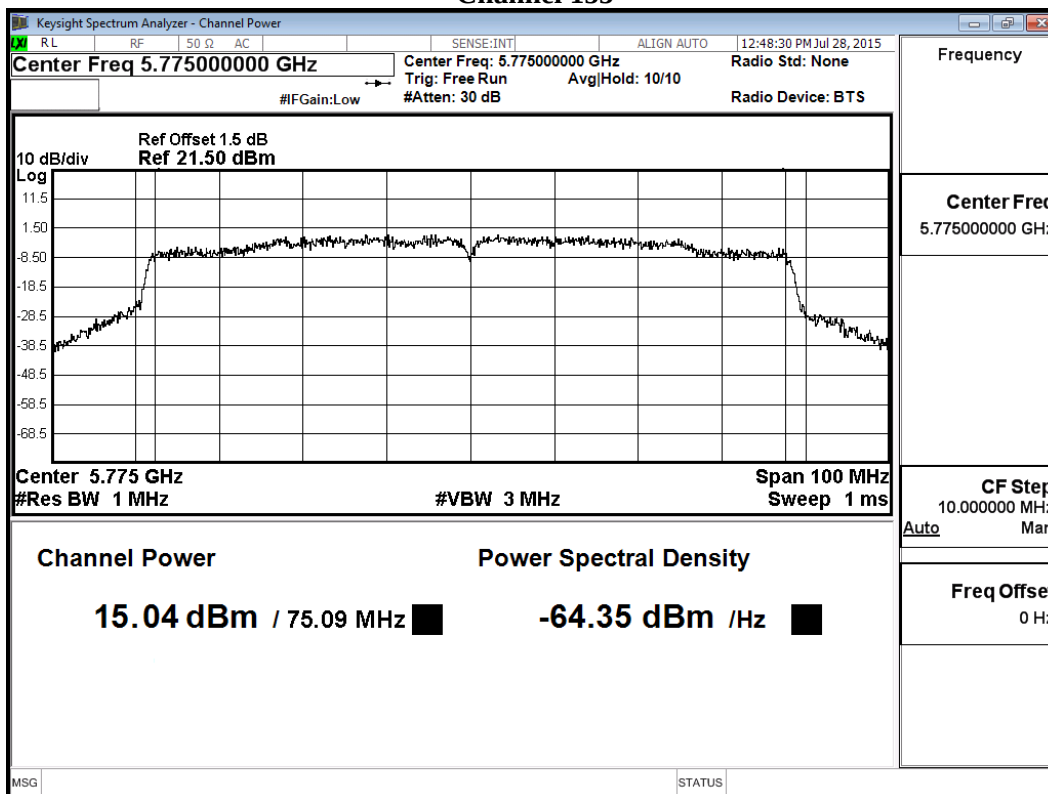
| Channel No | Frequency<br>Range<br>(MHz) | Output<br>Power<br>(dBm) | Duty Factor<br>(dB) | Total<br>Output Power<br>(dBm) | Output Power<br>Limit<br>(dBm) |
|------------|-----------------------------|--------------------------|---------------------|--------------------------------|--------------------------------|
| 155        | 5775                        | 15.04                    | 0.975               | 16.02                          | 30                             |

Note: Total Output Power Value = Output Power value + Duty Factor

### 99% Occupied Bandwidth: Channel 155



### Maximum conducted output power: Channel 155



Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Maximum conducted output power  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps)

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 6                              | 9     | 12    | 18    | 24    | 36    | 48    | 54    |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 149            | 5745            | 17.02                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |
| 157            | 5785            | 20.53                          | 20.41 | 20.29 | 20.17 | 20.05 | 19.93 | 19.81 | 19.69 | <30dBm         |
| 165            | 5825            | 19.12                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

| Channel No | Frequency Range (MHz) | Output Power (dBm) | Duty Factor (dB) | Total Output Power (dBm) | Output Power Limit (dBm) |
|------------|-----------------------|--------------------|------------------|--------------------------|--------------------------|
| 149        | 5745                  | 17.02              | 0.079            | 17.099                   | 30                       |
| 157        | 5785                  | 20.53              | 0.079            | 20.609                   | 30                       |
| 165        | 5825                  | 19.12              | 0.079            | 19.199                   | 30                       |

Note: Total Output Power Value = Output Power value + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Maximum conducted output power  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps)

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 7.2                            | 14.4  | 21.7  | 28.9  | 43.3  | 57.8  | 65    | 72.2  |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 149            | 5745            | 16.57                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |
| 157            | 5785            | 20.46                          | 20.38 | 20.30 | 20.22 | 20.14 | 20.06 | 19.98 | 19.90 | <30dBm         |
| 165            | 5825            | 20.13                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

| Channel No | Frequency Range (MHz) | Output Power (dBm) | Duty Factor (dB) | Total Output Power (dBm) | Output Power Limit (dBm) |
|------------|-----------------------|--------------------|------------------|--------------------------|--------------------------|
| 149        | 5745                  | 16.57              | 0.088            | 16.658                   | 30                       |
| 157        | 5785                  | 20.46              | 0.088            | 20.548                   | 30                       |
| 165        | 5825                  | 20.13              | 0.088            | 20.218                   | 30                       |

Note: Total Output Power Value = Output Power value + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Maximum conducted output power  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps)

| Cable loss=1dB |                 | Maximum conducted output power |       |       |      |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |      |       |       |       |       | Required Limit |
|                |                 | 15                             | 30    | 45    | 60   | 90    | 120   | 135   | 150   |                |
|                |                 | Measurement Level (dBm)        |       |       |      |       |       |       |       |                |
| 151            | 5755            | 15.41                          | 15.34 | 15.27 | 15.2 | 15.13 | 15.06 | 14.99 | 14.92 | <30dBm         |
| 159            | 5795            | 17.86                          | --    | --    | --   | --    | --    | --    | --    | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

| Channel No | Frequency Range (MHz) | Output Power (dBm) | Duty Factor (dB) | Total Output Power (dBm) | Output Power Limit (dBm) |
|------------|-----------------------|--------------------|------------------|--------------------------|--------------------------|
| 151        | 5755                  | 15.41              | 0.15             | 15.56                    | 30                       |
| 159        | 5795                  | 17.86              | 0.15             | 18.01                    | 30                       |

Note: Total Output Power Value = Output Power value + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Maximum conducted output power  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps)

| Cable loss=1dB |                    | Maximum conducted output power |       |       |       |       |       |       |       |       |       |                   |
|----------------|--------------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| Channel No     | Frequency<br>(MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       |       |       | Required<br>Limit |
|                |                    | VTH0                           | VTH1  | VTH2  | VTH3  | VTH4  | VTH5  | VTH6  | VTH7  | VTH8  | VTH9  |                   |
| 155            | 5775               | 13.92                          | 13.87 | 13.82 | 13.77 | 13.72 | 13.67 | 13.62 | 13.57 | 13.52 | 13.47 | <30dBm            |

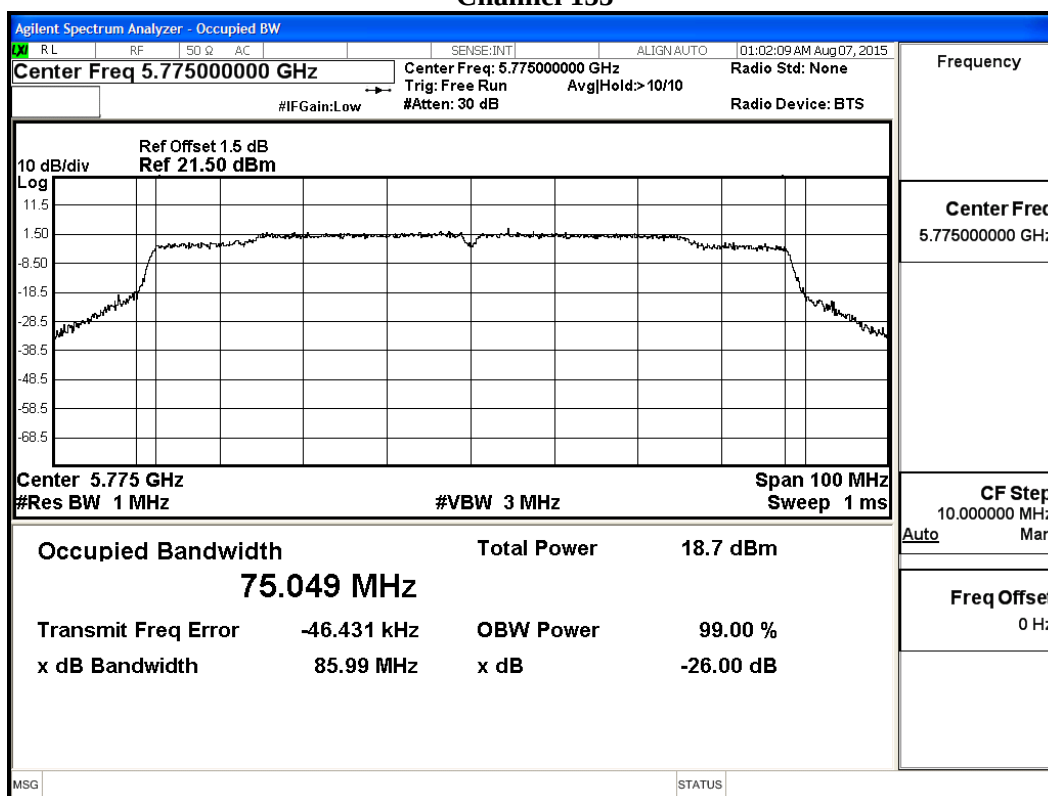
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

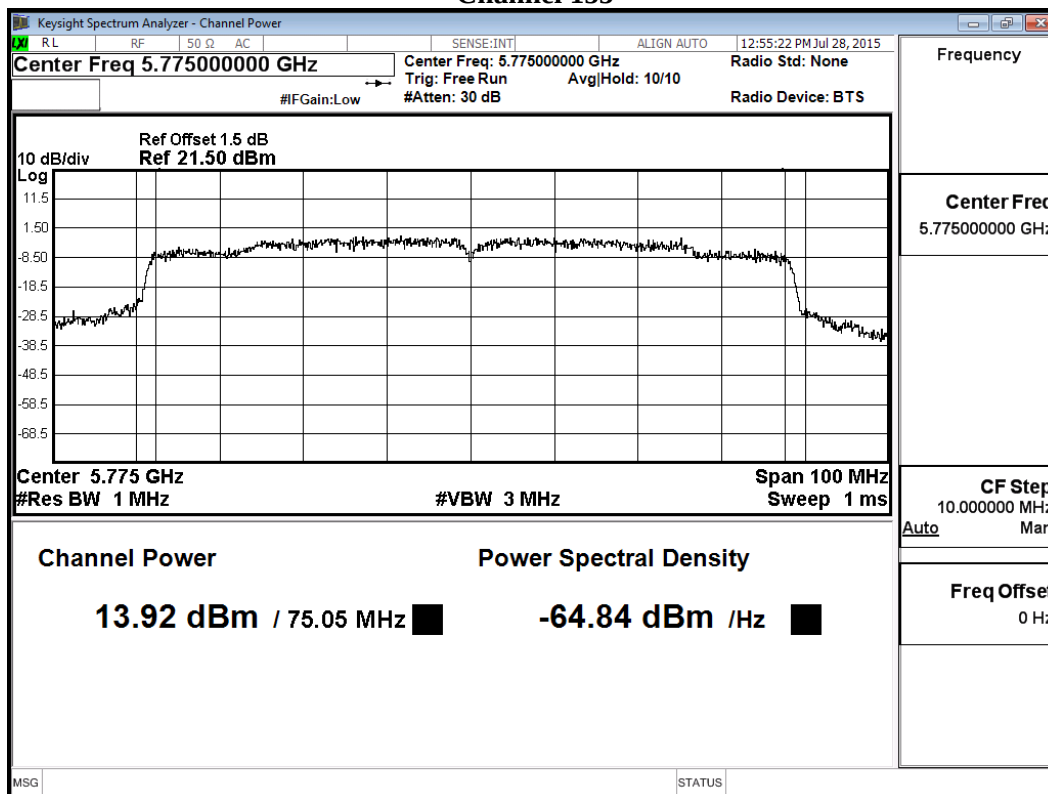
| Channel No | Frequency<br>Range<br>(MHz) | Output<br>Power<br>(dBm) | Duty Factor<br>(dB) | Total<br>Output Power<br>(dBm) | Output Power<br>Limit<br>(dBm) |
|------------|-----------------------------|--------------------------|---------------------|--------------------------------|--------------------------------|
| 155        | 5775                        | 13.92                    | 0.975               | 14.90                          | 30                             |

Note: Total Output Power Value = Output Power value + Duty Factor

### 99% Occupied Bandwidth: Channel 155



### Maximum conducted output power: Channel 155





Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Maximum conducted output power  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps)

#### CHAIN A

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 14.4                           | 28.9  | 43.3  | 57.8  | 86.7  | 115.6 | 130   | 144.4 |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 149            | 5745            | 16.05                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |
| 157            | 5785            | 18.06                          | 17.94 | 17.82 | 17.70 | 17.58 | 17.46 | 17.34 | 17.22 | <30dBm         |
| 165            | 5825            | 19.25                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### CHAIN B

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 14.4                           | 28.9  | 43.3  | 57.8  | 86.7  | 115.6 | 130   | 144.4 |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 149            | 5745            | 16.35                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |
| 157            | 5785            | 17.97                          | 17.91 | 17.85 | 17.79 | 17.73 | 17.67 | 17.61 | 17.55 | <30dBm         |
| 165            | 5825            | 19.42                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

##### (CHAIN A+ B)

| Channel Number | Frequency (MHz) | Chain A Power (dBm) | Chain B Power (dBm) | Duty factor (dBm) | Output Power (dBm) | Output Power Limit |
|----------------|-----------------|---------------------|---------------------|-------------------|--------------------|--------------------|
|                |                 |                     |                     |                   |                    | (dBm)              |
| 149            | 5745            | 16.05               | 16.35               | 0.088             | 19.30              | 30                 |
| 157            | 5785            | 18.06               | 17.97               | 0.088             | 21.11              | 30                 |
| 165            | 5825            | 19.25               | 19.42               | 0.088             | 22.43              | 30                 |

Note:

- Power Output Value =Reading value on average power meter + cable loss
- Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)) + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Maximum conducted output power  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps)

#### CHAIN A

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 30                             | 60    | 90    | 120   | 180   | 240   | 270   | 300   |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 151            | 5755            | 14.48                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |
| 159            | 5795            | 17.40                          | 17.32 | 17.24 | 17.16 | 17.08 | 17.00 | 16.92 | 16.84 | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### CHAIN B

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 30                             | 60    | 90    | 120   | 180   | 240   | 270   | 300   |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 151            | 5755            | 14.78                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |
| 159            | 5795            | 17.32                          | 17.24 | 17.16 | 17.08 | 17.03 | 16.92 | 16.84 | 16.76 | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

##### (CHAIN A+ B)

| Channel Number | Frequency (MHz) | Chain A Power (dBm) | Chain B Power (dBm) | Duty factor (dBm) | Output Power (dBm) | Output Power Limit |
|----------------|-----------------|---------------------|---------------------|-------------------|--------------------|--------------------|
|                |                 |                     |                     |                   |                    | (dBm)              |
| 151            | 5755            | 14.48               | 14.78               | 0.150             | 17.64              | 30                 |
| 159            | 5795            | 17.40               | 17.32               | 0.150             | 20.37              | 30                 |

Note:

- Power Output Value =Reading value on average power meter + cable loss
- Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)) + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Maximum conducted output power  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps)

#### CHAIN A

| Cable loss=1dB |                    | Maximum conducted output power |       |       |       |       |       |       |       |       |       |                   |
|----------------|--------------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| Channel No     | Frequency<br>(MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       |       |       | Required<br>Limit |
|                |                    | VTH0                           | VTH1  | VTH2  | VTH3  | VTH4  | VTH5  | VTH6  | VTH7  | VTH8  | VTH9  |                   |
| 155            | 5775               | 13.74                          | 13.68 | 13.62 | 13.56 | 13.50 | 13.44 | 13.38 | 13.32 | 13.26 | 13.20 | <30dBm            |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### CHAIN B

| Cable loss=1dB |                    | Maximum conducted output power |       |       |       |       |       |       |       |       |       |                   |
|----------------|--------------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| Channel No     | Frequency<br>(MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       |       |       | Required<br>Limit |
|                |                    | VTH0                           | VTH1  | VTH2  | VTH3  | VTH4  | VTH5  | VTH6  | VTH7  | VTH8  | VTH9  |                   |
| 155            | 5775               | 14.12                          | 14.06 | 14.00 | 13.94 | 13.88 | 13.82 | 13.76 | 13.70 | 13.64 | 13.58 | <30dBm            |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

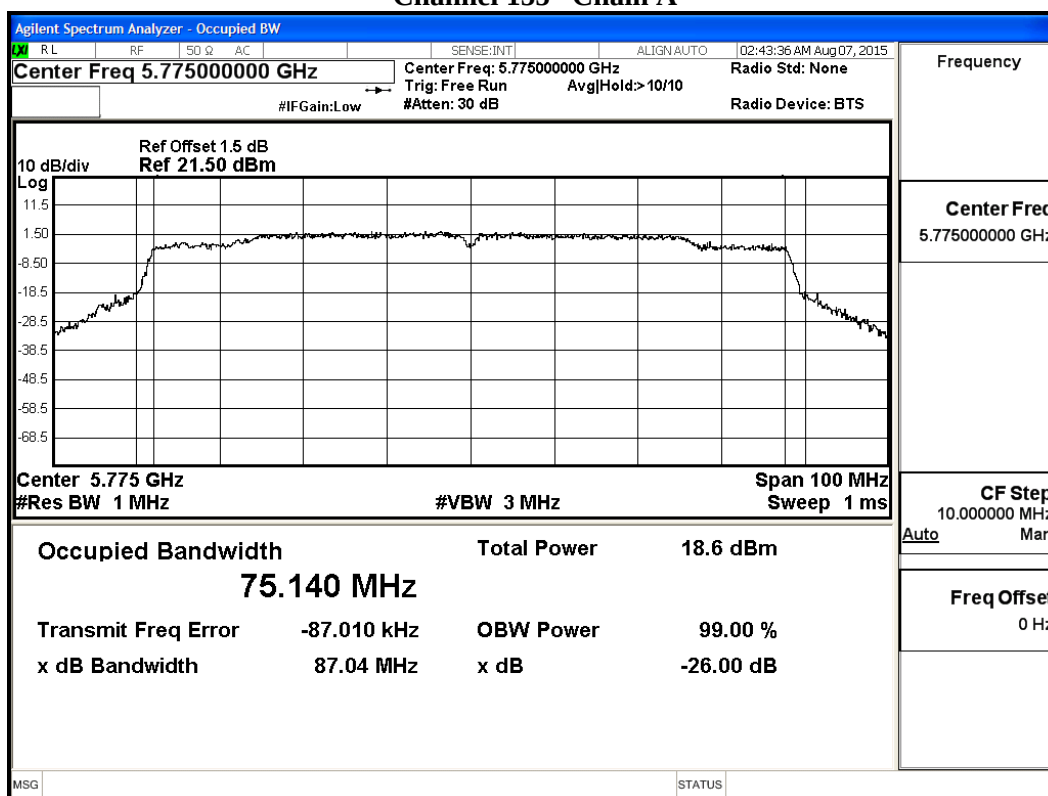
##### (CHAIN A+ B)

| Channel<br>Number | Frequency<br>(MHz) | Chain A<br>Power<br>(dBm) | Chain B<br>Power<br>(dBm) | Duty Factor<br>(dBm) | Output<br>Power<br>(dBm) | Output Power<br>Limit |
|-------------------|--------------------|---------------------------|---------------------------|----------------------|--------------------------|-----------------------|
|                   |                    |                           |                           |                      |                          | (dBm)                 |
| 155               | 5775               | 13.74                     | 14.12                     | 0.975                | 17.92                    | 30                    |

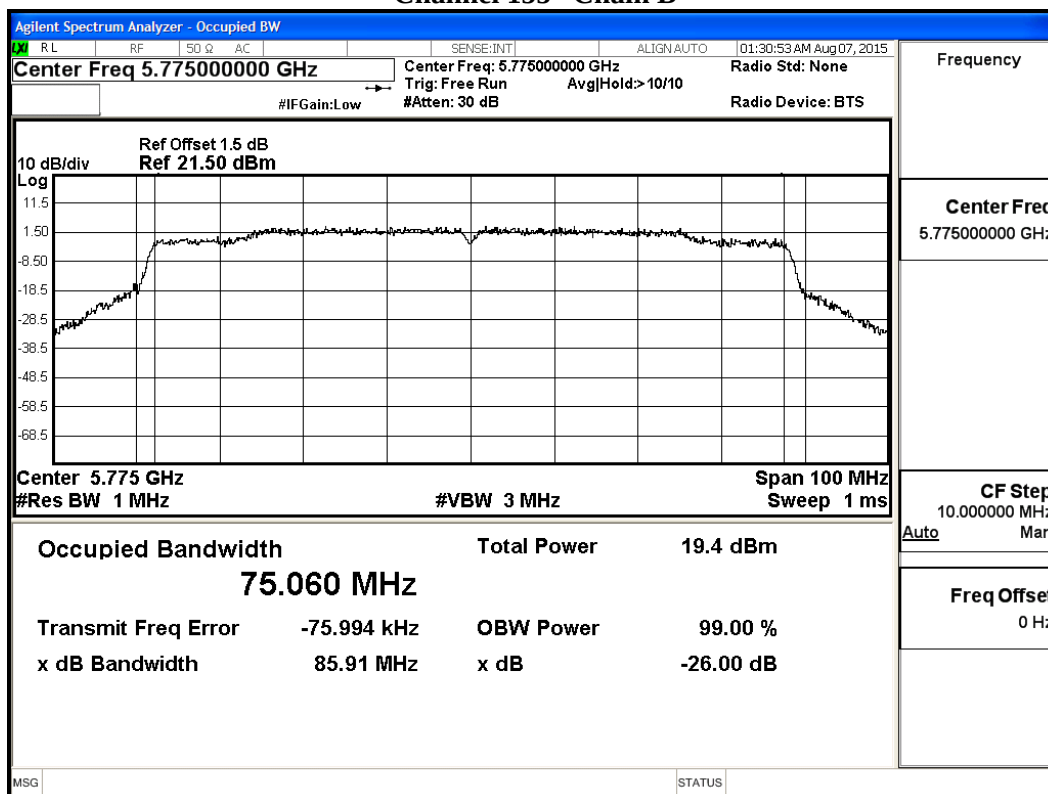
Note:

1. Power Output Value =Reading value on average power meter + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)) + Duty Factor

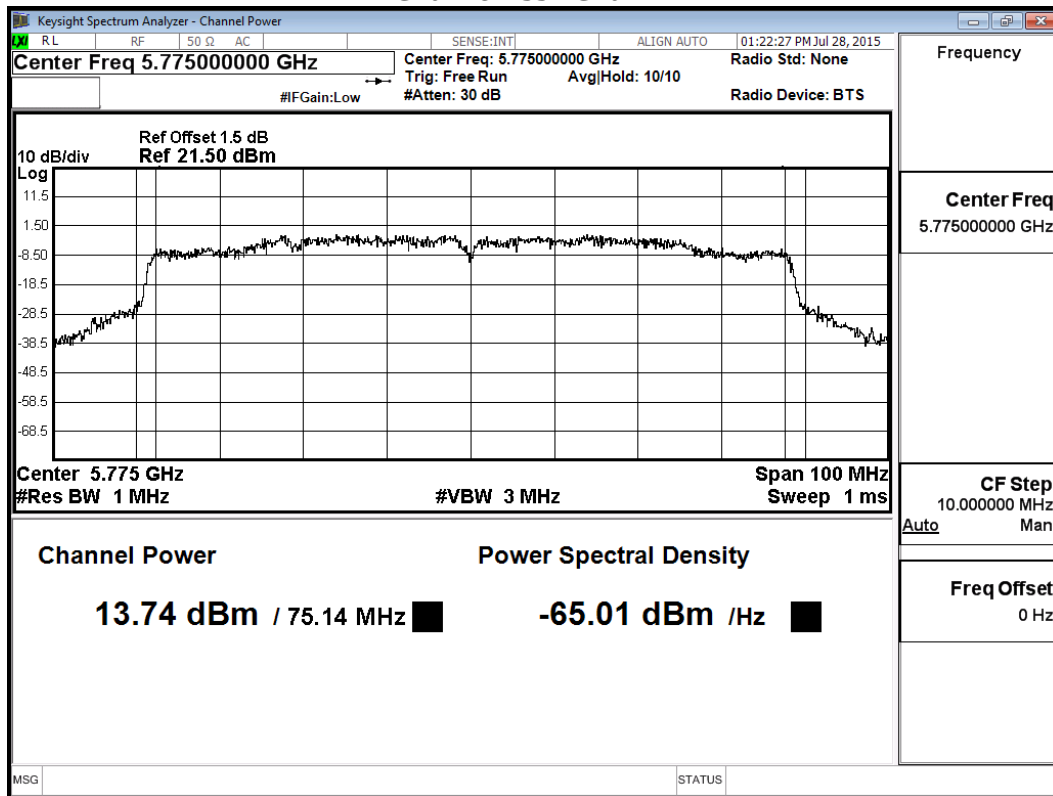
### 99% Occupied Bandwidth: Channel 155– Chain A



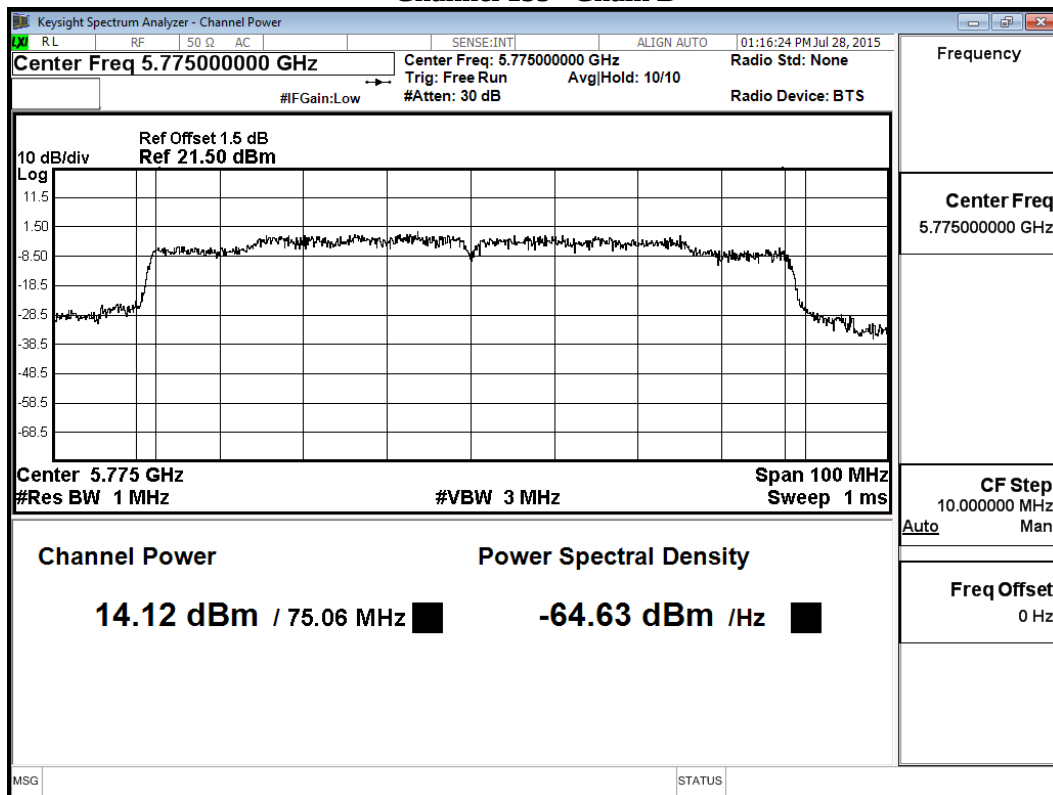
### Channel 155– Chain B



Maximum conducted output power:  
 Channel 155– Chain A



Channel 155– Chain B



Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Maximum conducted output power  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps)

#### CHAIN A

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 14.4                           | 28.9  | 43.3  | 57.8  | 86.7  | 115.6 | 130   | 144.4 |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 149            | 5745            | 15.62                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |
| 157            | 5785            | 17.88                          | 17.79 | 17.70 | 17.61 | 17.52 | 17.43 | 17.34 | 17.25 | <30dBm         |
| 165            | 5825            | 19.10                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### CHAIN B

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 14.4                           | 28.9  | 43.3  | 57.8  | 86.7  | 115.6 | 130   | 144.4 |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 149            | 5745            | 15.92                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |
| 157            | 5785            | 17.89                          | 17.78 | 17.67 | 17.56 | 17.45 | 17.34 | 17.23 | 17.12 | <30dBm         |
| 165            | 5825            | 19.38                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

##### (CHAIN A+ B)

| Channel Number | Frequency (MHz) | Chain A Power (dBm) | Chain B Power (dBm) | Duty Factor (dBm) | Output Power (dBm) | Output Power Limit |
|----------------|-----------------|---------------------|---------------------|-------------------|--------------------|--------------------|
|                |                 |                     |                     |                   |                    | (dBm)              |
| 149            | 5745            | 15.62               | 15.92               | 0.088             | 18.87              | 30                 |
| 157            | 5785            | 17.88               | 17.89               | 0.088             | 20.98              | 30                 |
| 165            | 5825            | 19.10               | 19.38               | 0.088             | 22.34              | 30                 |

Note:

- Power Output Value =Reading value on average power meter + cable loss
- Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)) + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Maximum conducted output power  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps)

#### CHAIN A

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 30                             | 60    | 90    | 120   | 180   | 240   | 270   | 300   |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 151            | 5755            | 14.38                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |
| 159            | 5795            | 16.52                          | 16.44 | 16.36 | 16.28 | 16.20 | 16.12 | 16.04 | 15.96 | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### CHAIN B

| Cable loss=1dB |                 | Maximum conducted output power |       |       |       |       |       |       |       |                |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No.    | Frequency (MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       | Required Limit |
|                |                 | 30                             | 60    | 90    | 120   | 180   | 240   | 270   | 300   |                |
|                |                 | Measurement Level (dBm)        |       |       |       |       |       |       |       |                |
| 151            | 5755            | 14.72                          | --    | --    | --    | --    | --    | --    | --    | <30dBm         |
| 159            | 5795            | 16.48                          | 16.37 | 16.26 | 16.15 | 16.04 | 15.93 | 15.82 | 15.71 | <30dBm         |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

##### (CHAIN A+ B)

| Channel Number | Frequency (MHz) | Chain A Power (dBm) | Chain B Power (dBm) | Duty Factor (dBm) | Output Power (dBm) | Output Power Limit |
|----------------|-----------------|---------------------|---------------------|-------------------|--------------------|--------------------|
|                |                 |                     |                     |                   |                    | (dBm)              |
| 151            | 5755            | 14.38               | 14.72               | 0.150             | 17.56              | 30                 |
| 159            | 5795            | 16.52               | 16.48               | 0.150             | 19.51              | 30                 |

Note:

- Power Output Value =Reading value on average power meter + cable loss
- Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)) + Duty Factor

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Maximum conducted output power  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps)

#### CHAIN A

| Cable loss=1dB |                    | Maximum conducted output power |       |       |       |       |       |       |       |       |       |                   |
|----------------|--------------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| Channel No     | Frequency<br>(MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       |       |       | Required<br>Limit |
|                |                    | VTH0                           | VTH1  | VTH2  | VTH3  | VTH4  | VTH5  | VTH6  | VTH7  | VTH8  | VTH9  |                   |
| 155            | 5775               | 13.20                          | 13.02 | 12.84 | 12.66 | 12.48 | 12.30 | 12.12 | 11.94 | 11.76 | 11.58 | <30dBm            |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### CHAIN B

| Cable loss=1dB |                    | Maximum conducted output power |       |       |       |       |       |       |       |       |       |                   |
|----------------|--------------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| Channel No     | Frequency<br>(MHz) | Data Rate (Mbps)               |       |       |       |       |       |       |       |       |       | Required<br>Limit |
|                |                    | VTH0                           | VTH1  | VTH2  | VTH3  | VTH4  | VTH5  | VTH6  | VTH7  | VTH8  | VTH9  |                   |
| 155            | 5775               | 13.62                          | 13.54 | 13.47 | 13.40 | 13.33 | 13.26 | 13.19 | 13.12 | 13.05 | 12.98 | <30dBm            |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

#### Maximum conducted output power Measurement:

##### (CHAIN A+ B)

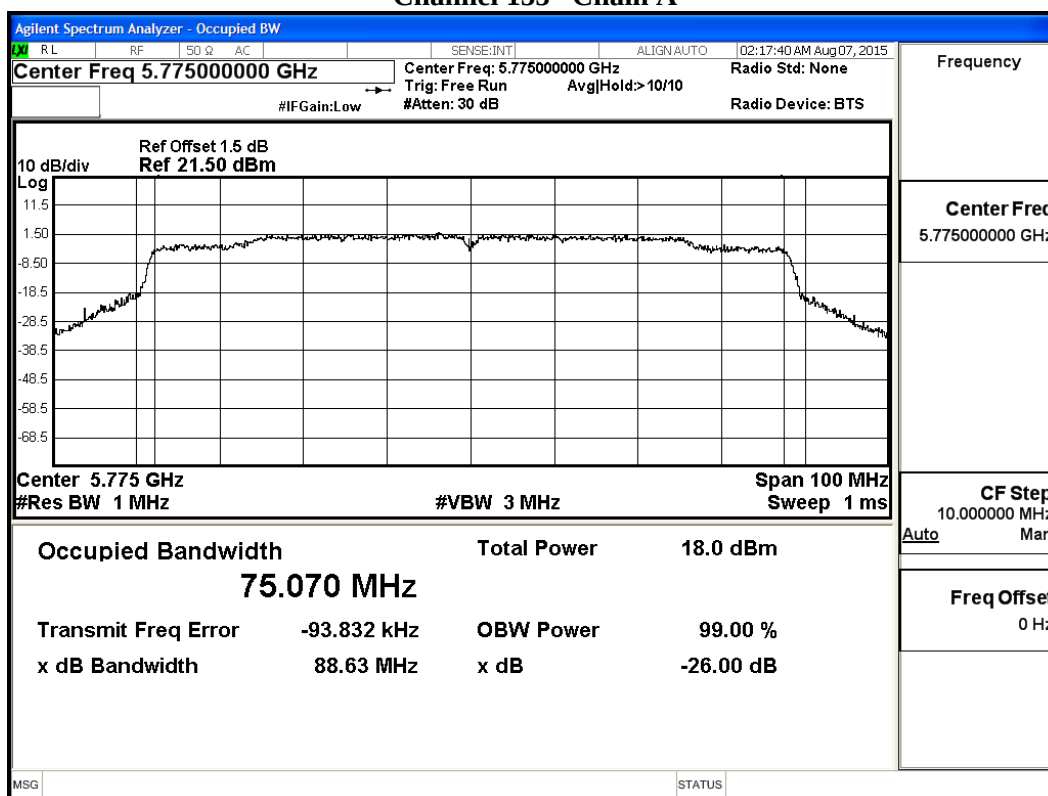
| Channel<br>Number | Frequency<br>(MHz) | Chain A<br>Power<br>(dBm) | Chain B<br>Power<br>(dBm) | Duty Factor<br>(dBm) | Output<br>Power<br>(dBm) | Output Power<br>Limit |
|-------------------|--------------------|---------------------------|---------------------------|----------------------|--------------------------|-----------------------|
|                   |                    |                           |                           |                      |                          | (dBm)                 |
| 155               | 5775               | 13.20                     | 13.62                     | 0.975                | 17.40                    | 30                    |

Note:

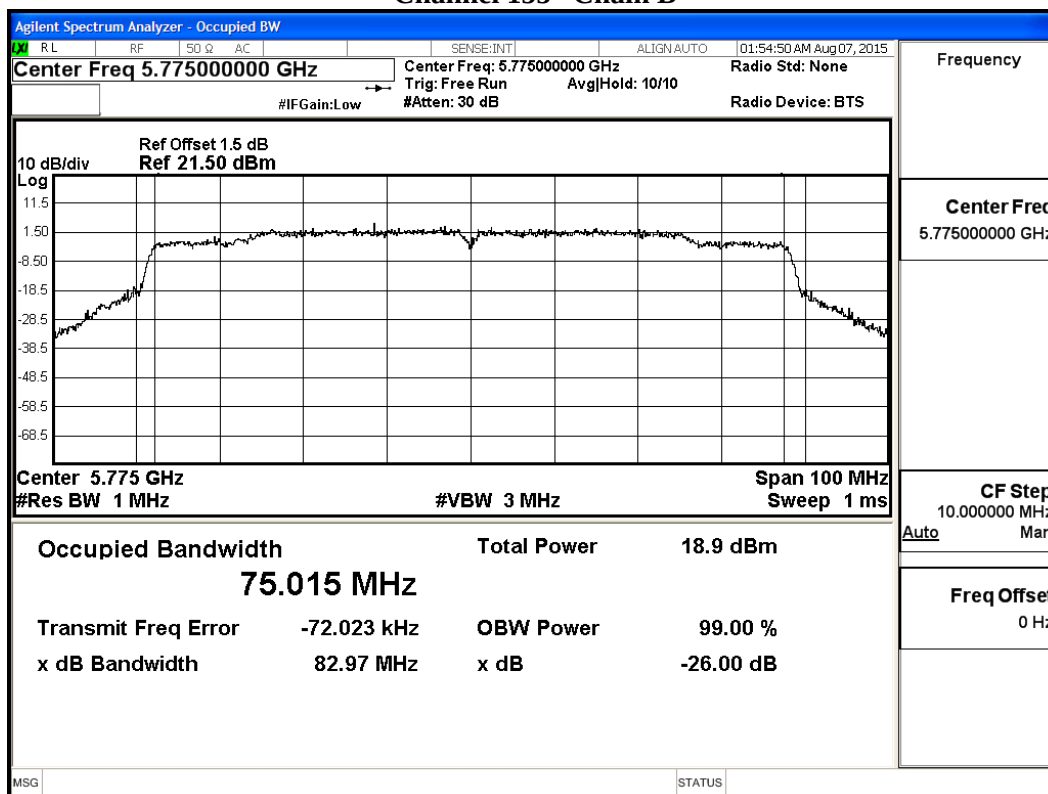
1. Power Output Value =Reading value on average power meter + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)) + Duty Factor



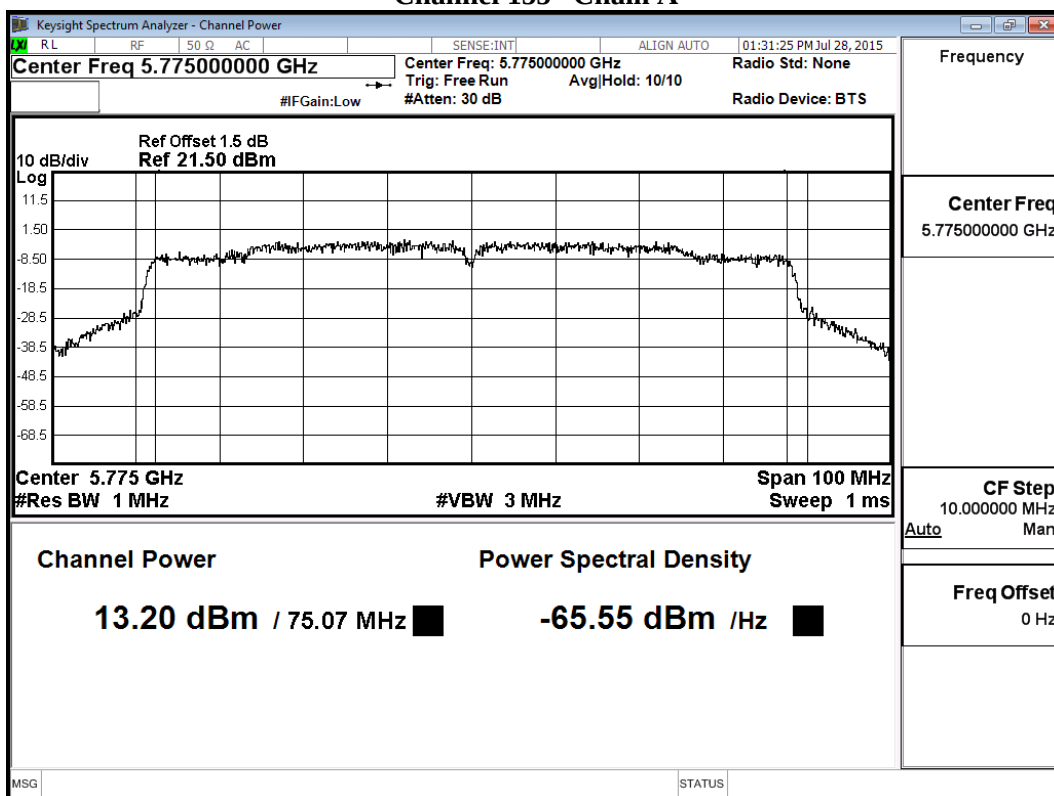
### 99% Occupied Bandwidth: Channel 155– Chain A



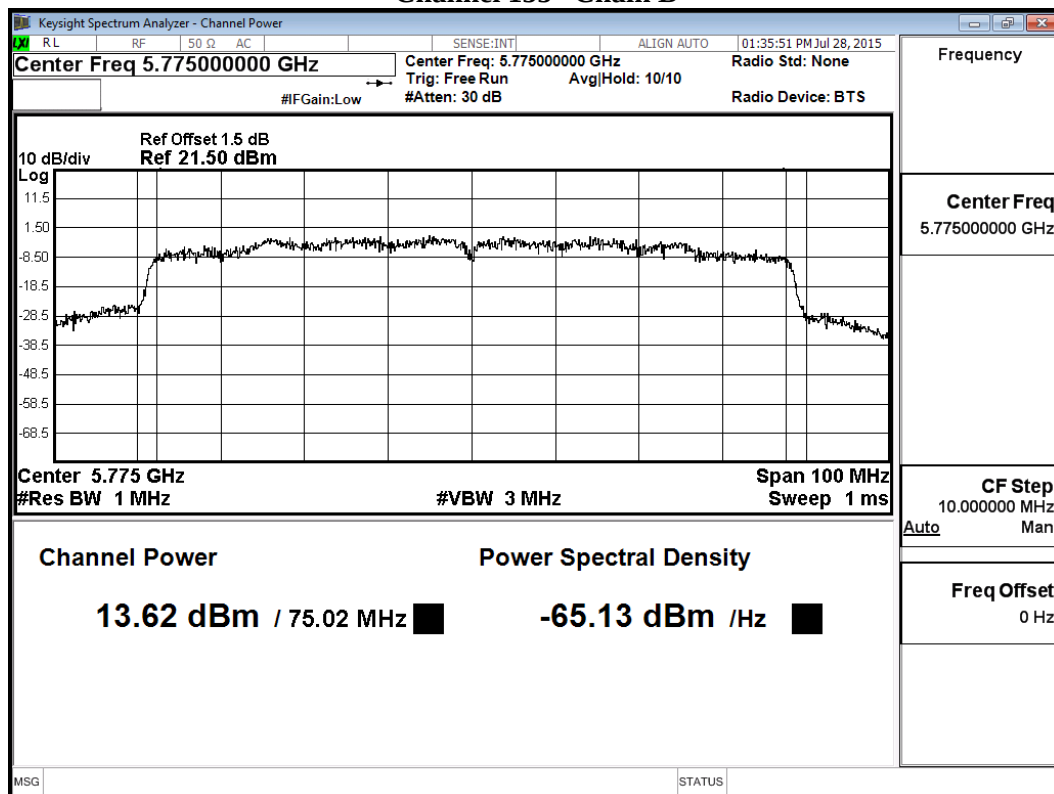
### Channel 155– Chain B



### Maximum conducted output power: Channel 155– Chain A



### Channel 155– Chain B



## 4. Peak Power Spectral Density

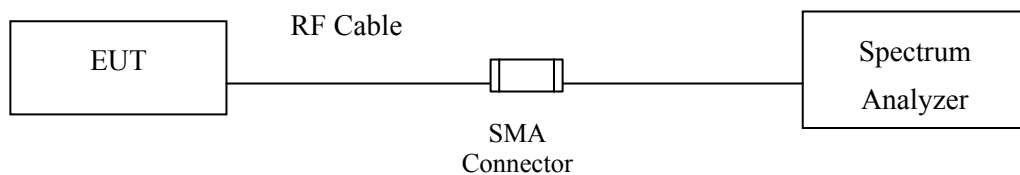
### 4.1. Test Equipment

|   | 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 |

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.

### 4.2. Test Setup



### 4.3. Limits

- (1) For the band 5.15-5.25 GHz,
  - (i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
  - (ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
  - (iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude

the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. +

- (2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- (3) For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point UNII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

#### 4.4. Test Procedure

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

The Peak Power Spectral Density using KDB 789033 section F) procedure, Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer.

SA-1 method is selected to run the test.

Scale the observed power level to an equivalent value in 500 kHz by adjusting (increase) the measured power by a bandwidth correction factor (BWCF) where  $BWCF = 10\log(500\text{ kHz}/100\text{ kHz}) = 6.98\text{ dB}$ .

#### 4.5. Uncertainty

$\pm 1.27\text{ dB}$

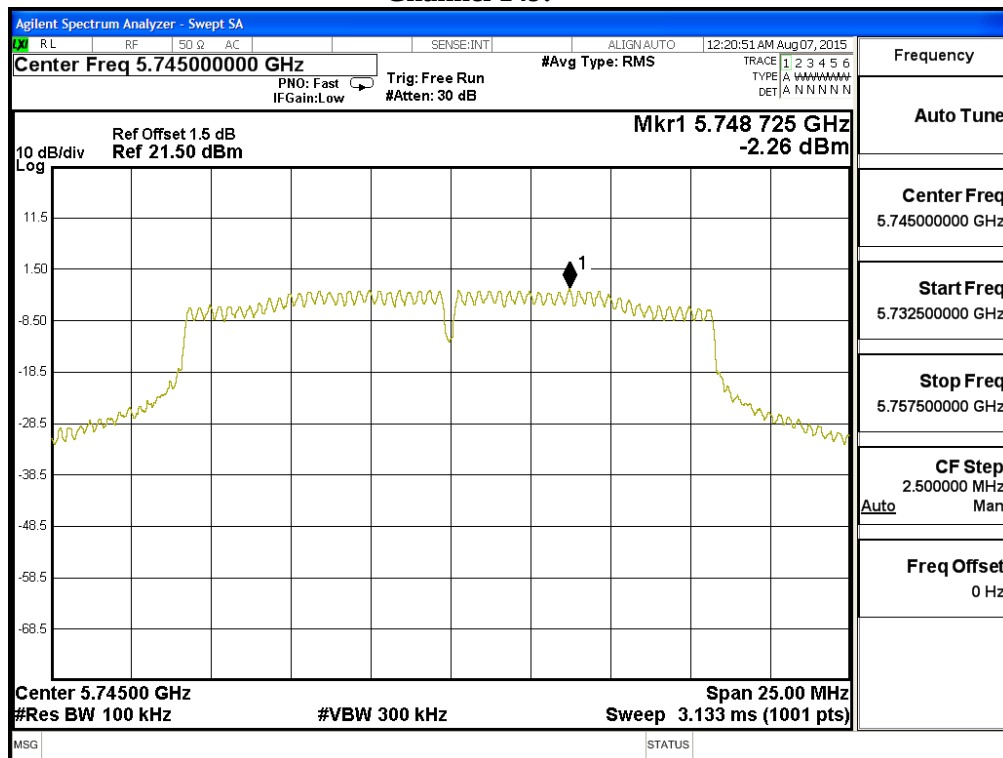
#### 4.6. Test Result of Peak Power Spectral Density

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Peak Power Spectral Density  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps)

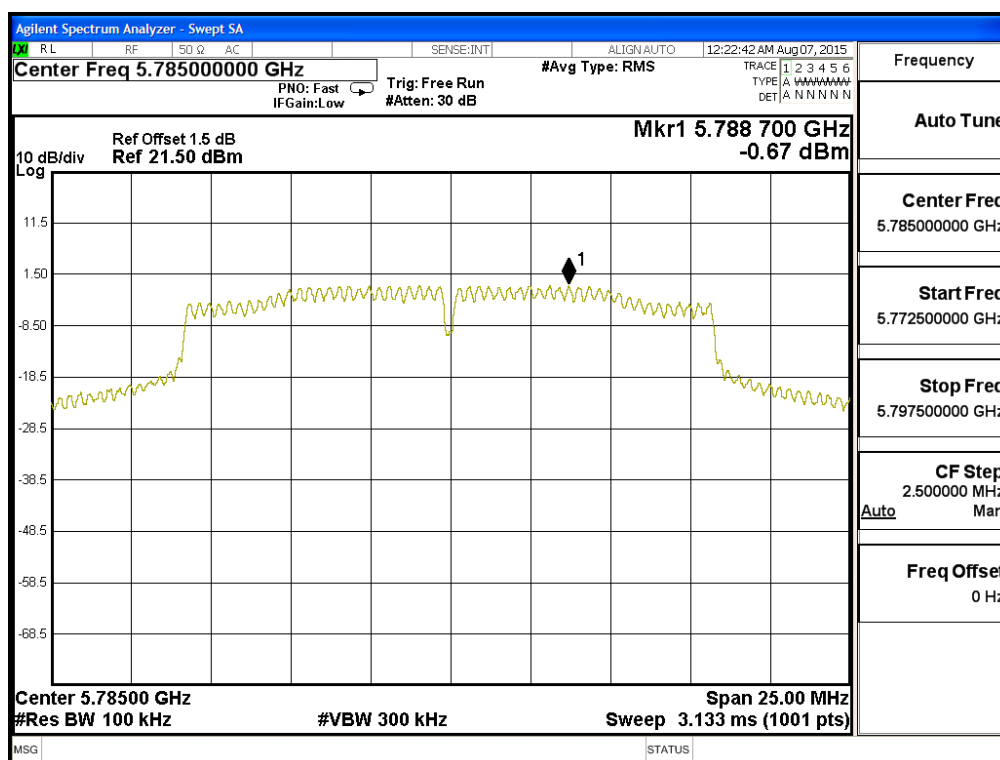
| Channel Number | Frequency (MHz) | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------|-----------|-------------------|------------------|----------------------|--------|
| 149            | 5745            | -2.260     | 6.980     | 0.079             | 4.799            | <30                  | Pass   |
| 157            | 5785            | -0.670     | 6.980     | 0.079             | 6.389            | <30                  | Pass   |
| 165            | 5825            | -1.930     | 6.980     | 0.079             | 5.129            | <30                  | Pass   |

Note: Total PPSD = PPSD value + BWCF + Duty Factor

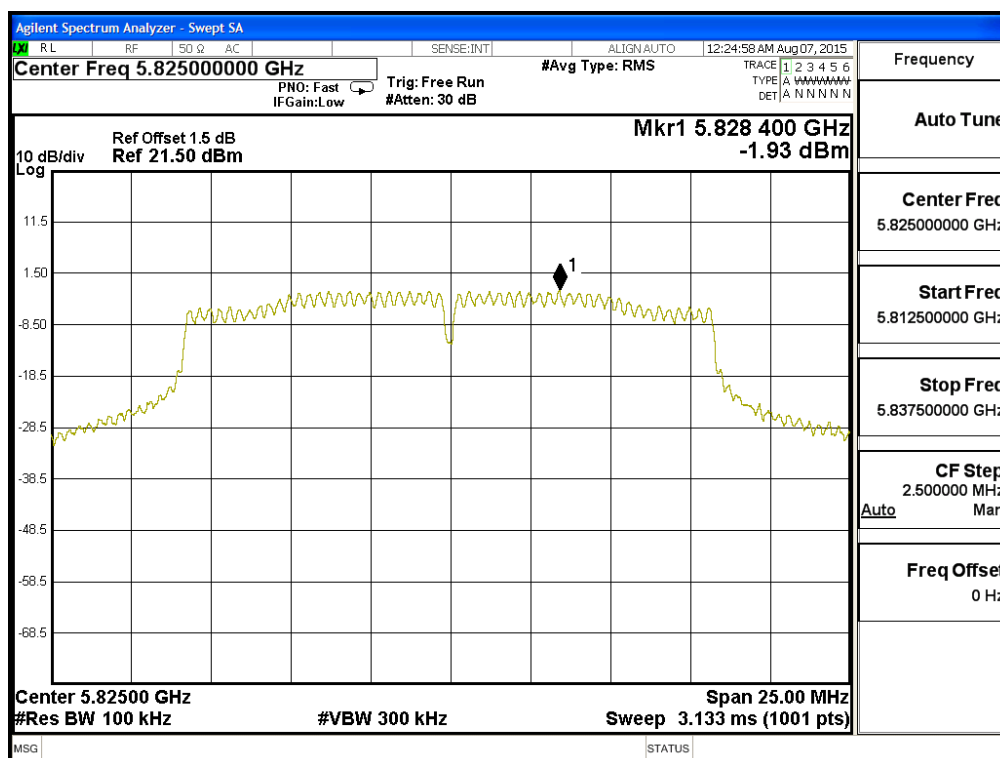
**Channel 149:**



### Channel 157:



### Channel 165:

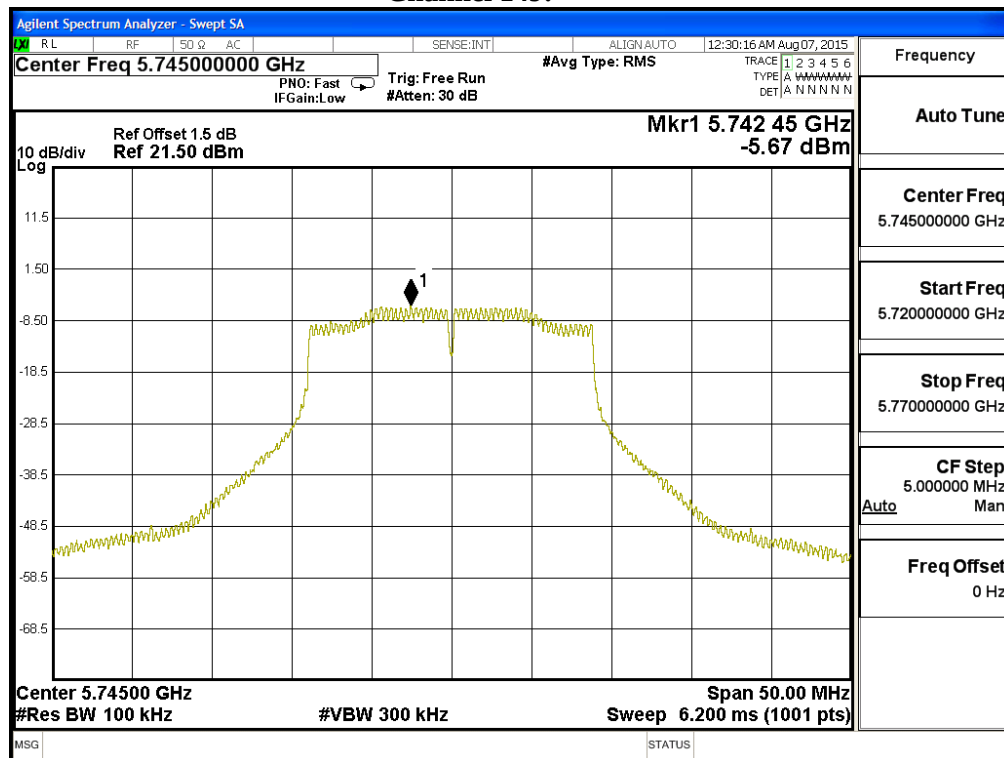


Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Peak Power Spectral Density  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps)

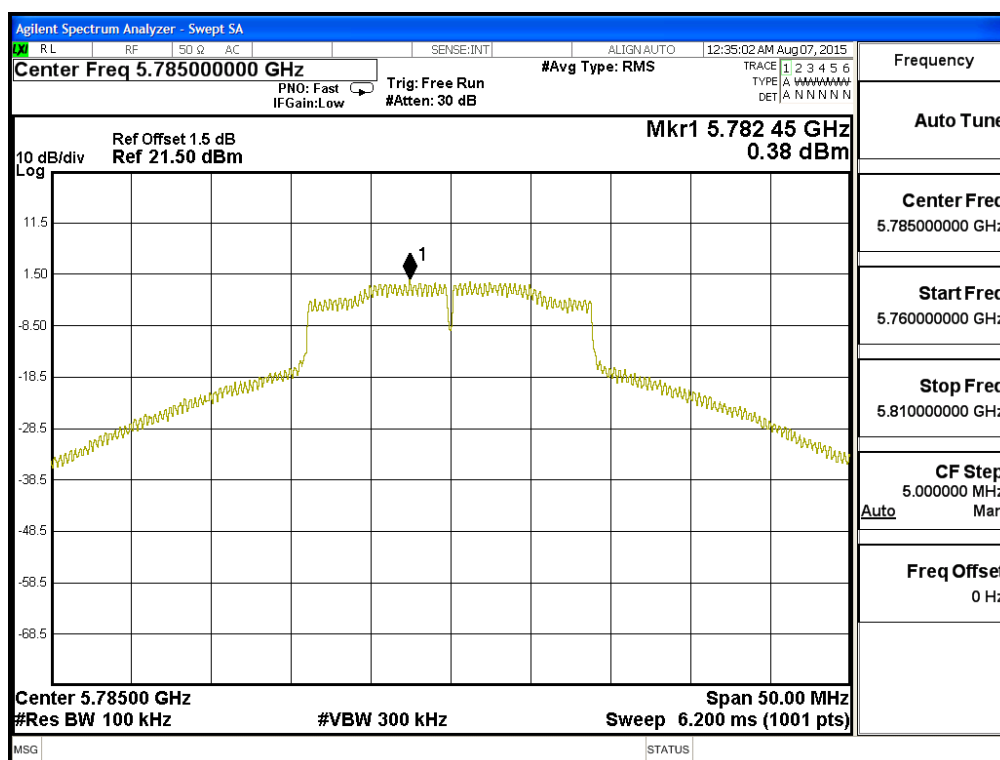
| Channel Number | Frequency (MHz) | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------|-----------|-------------------|------------------|----------------------|--------|
| 149            | 5745            | -5.670     | 6.980     | 0.088             | 1.398            | <30                  | Pass   |
| 157            | 5785            | 0.380      | 6.980     | 0.088             | 7.448            | <30                  | Pass   |
| 165            | 5825            | -1.430     | 6.980     | 0.088             | 5.638            | <30                  | Pass   |

Note: Total PPSD = PPSD value + BWCF + Duty Factor

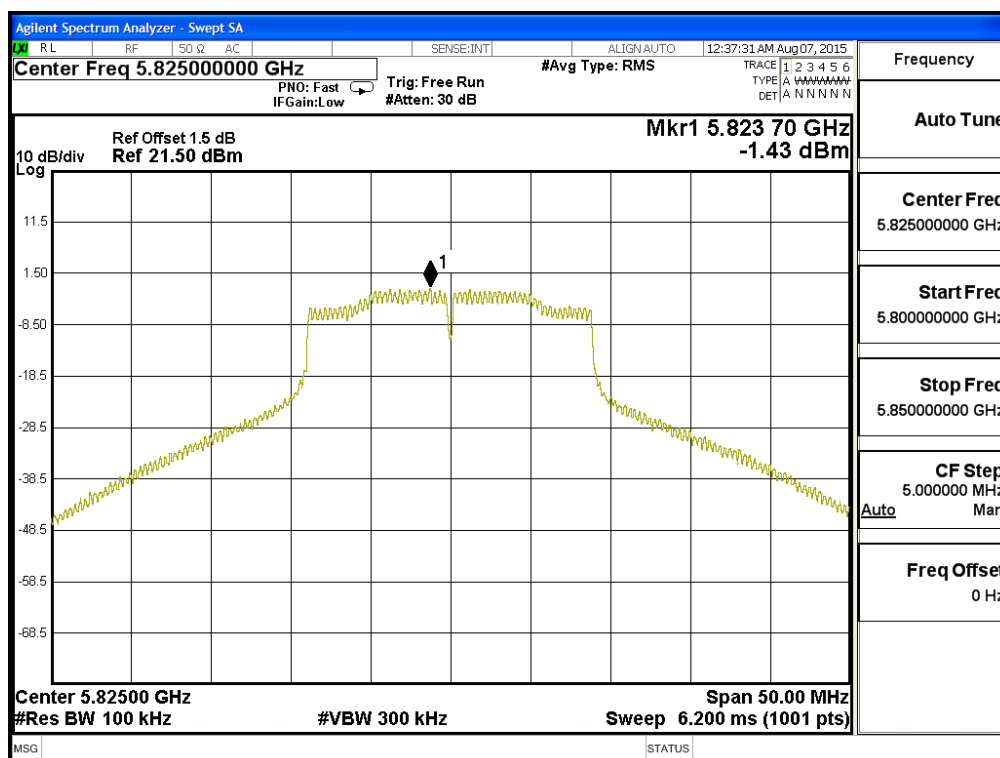
### Channel 149:



### Channel 157:



### Channel 165:



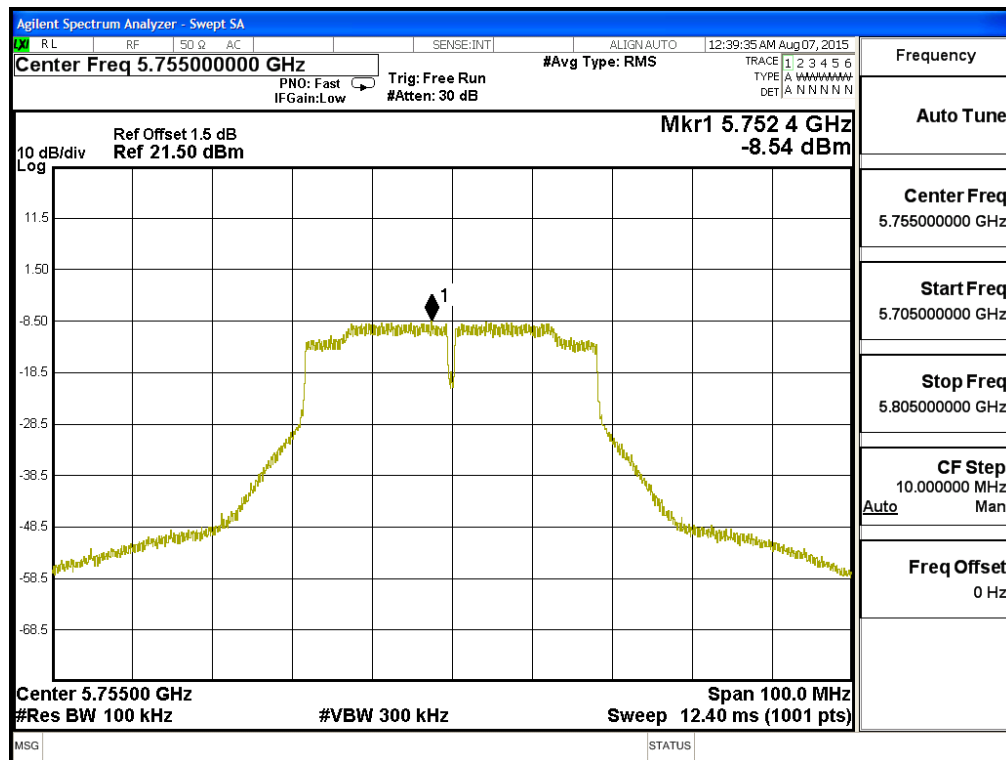


Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Peak Power Spectral Density  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps)

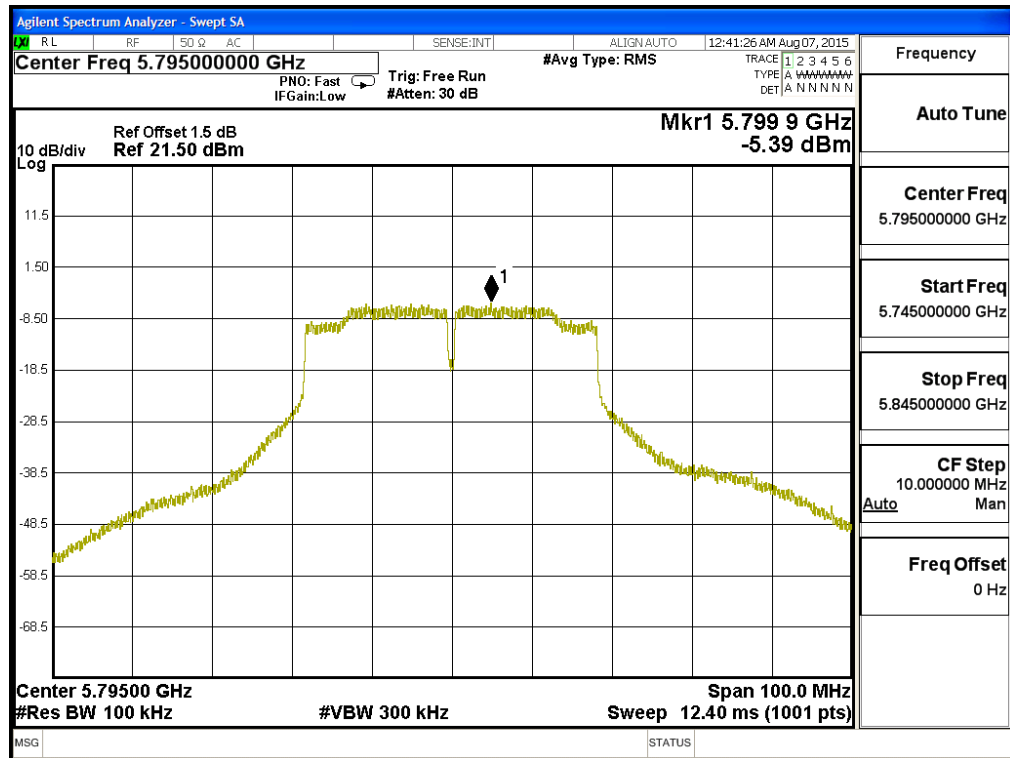
| Channel Number | Frequency (MHz) | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) <sub>1</sub> | Required Limit (dBm) | Result |
|----------------|-----------------|------------|-----------|-------------------|-------------------------------|----------------------|--------|
| 151            | 5755            | -8.540     | 6.980     | 0.150             | -1.410                        | <30                  | Pass   |
| 159            | 5795            | -5.390     | 6.980     | 0.150             | 1.740                         | <30                  | Pass   |

Note: Total PPSD = PPSD value + BWCF + Duty Factor

### Channel 151



### Channel 159

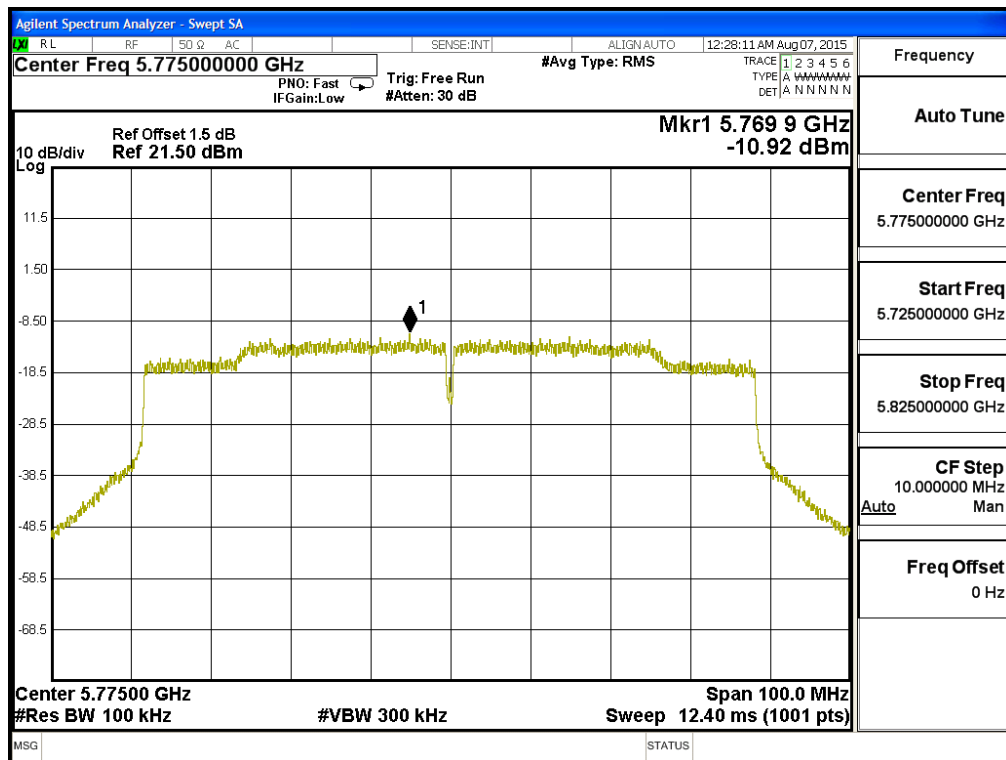


Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Peak Power Spectral Density  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps)

| Channel Number | Frequency (MHz) | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) <sub>1</sub> | Required Limit (dBm) | Result |
|----------------|-----------------|------------|-----------|-------------------|-------------------------------|----------------------|--------|
| 155            | 5775            | -10.920    | 6.980     | 0.975             | -2.965                        | <30                  | Pass   |

Note: Total PPSD = PPSD value + BWCF + Duty Factor

### Channel 155

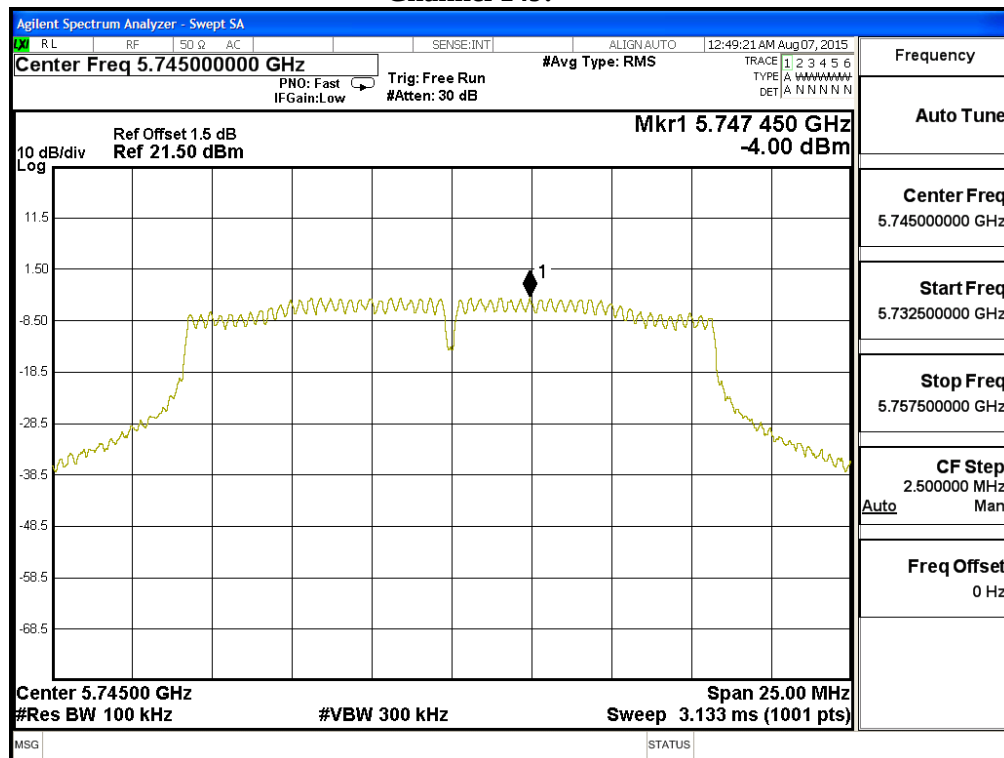


Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Peak Power Spectral Density  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps)

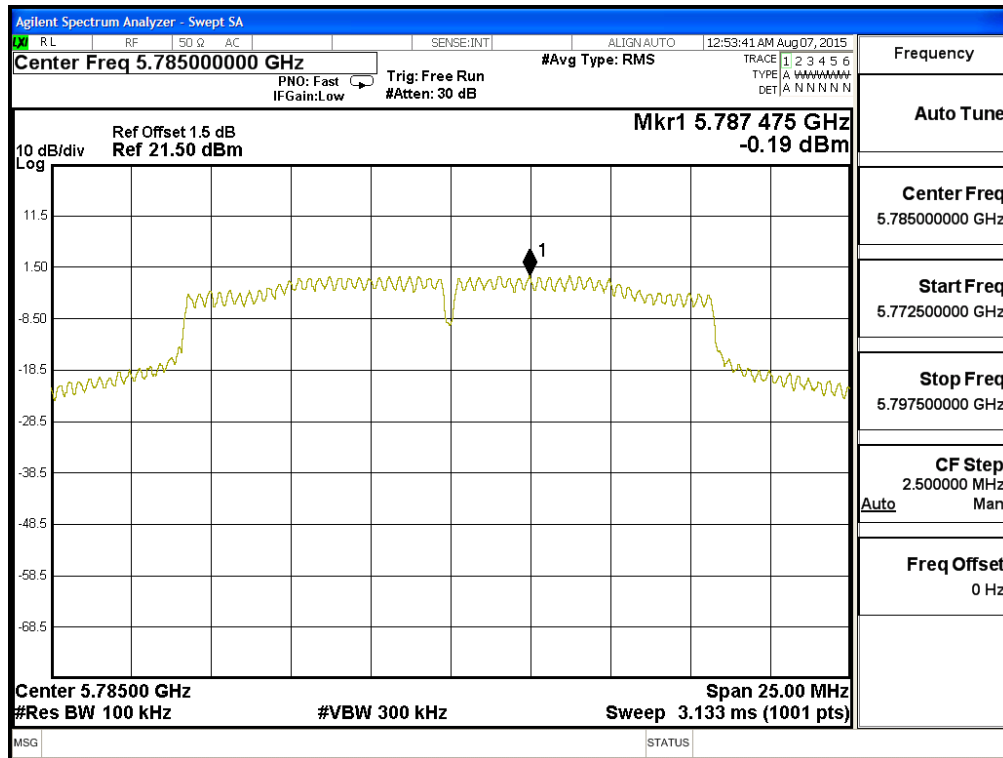
| Channel Number | Frequency (MHz) | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------|-----------|-------------------|------------------|----------------------|--------|
| 149            | 5745            | -4.000     | 6.980     | 0.079             | 3.059            | <30                  | Pass   |
| 157            | 5785            | -0.190     | 6.980     | 0.079             | 6.869            | <30                  | Pass   |
| 165            | 5825            | -0.140     | 6.980     | 0.079             | 6.919            | <30                  | Pass   |

Note: Total PPSD = PPSD value + BWCF + Duty Factor

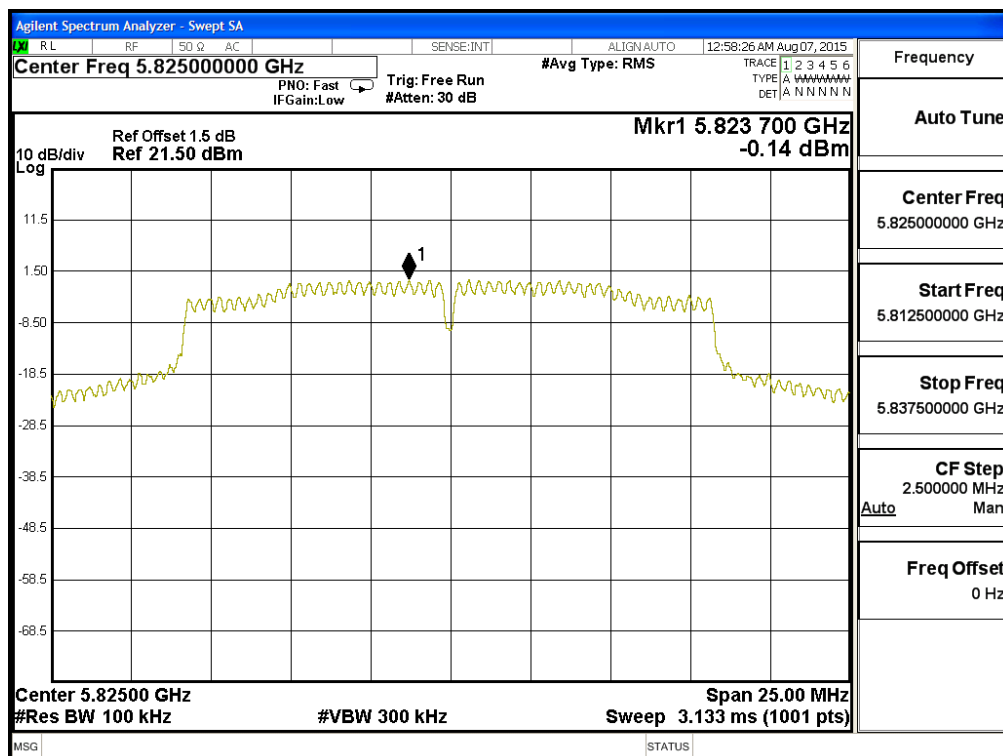
### Channel 149:



### Channel 157:



### Channel 165:

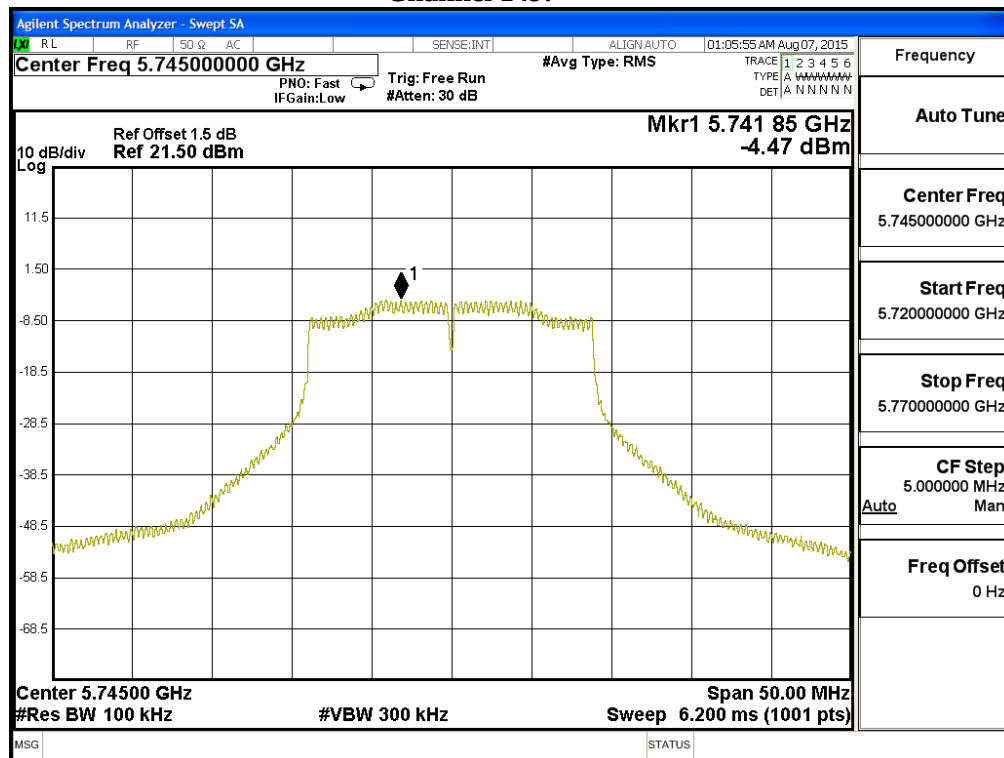


Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Peak Power Spectral Density  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps)

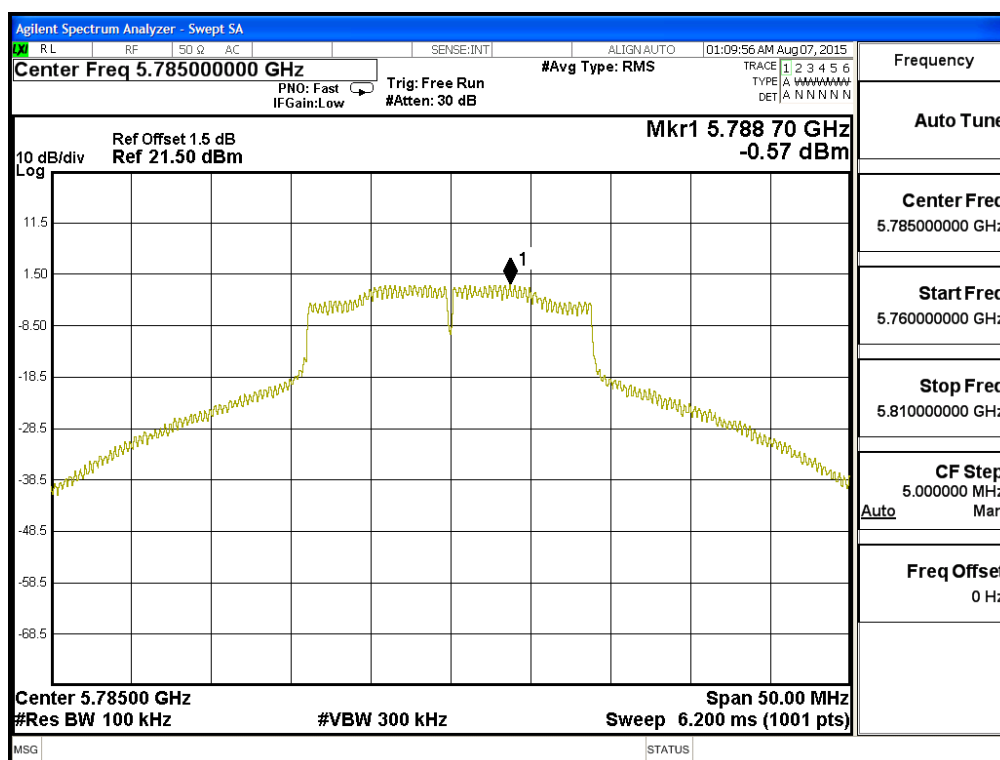
| Channel Number | Frequency (MHz) | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------|-----------|-------------------|------------------|----------------------|--------|
| 149            | 5745            | -4.470     | 6.980     | 0.088             | 2.598            | <30                  | Pass   |
| 157            | 5785            | -0.570     | 6.980     | 0.088             | 6.498            | <30                  | Pass   |
| 165            | 5825            | -0.540     | 6.980     | 0.088             | 6.528            | <30                  | Pass   |

Note: Total PPSD = PPSD value + BWCF + Duty Factor

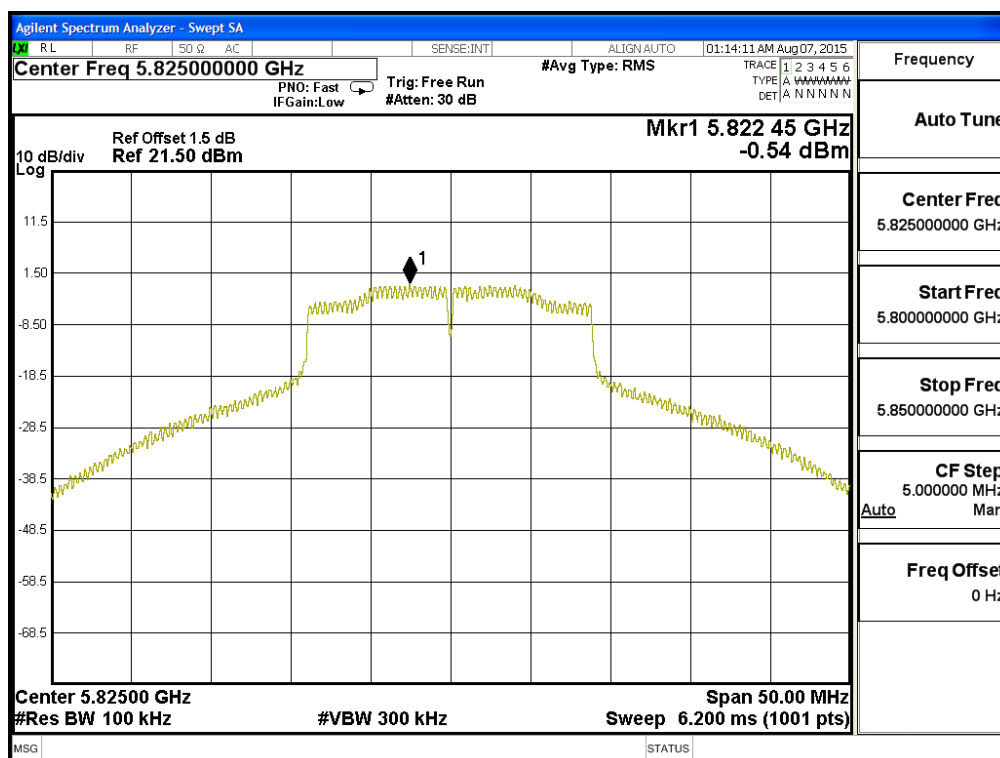
### Channel 149:



### Channel 157:



### Channel 165:

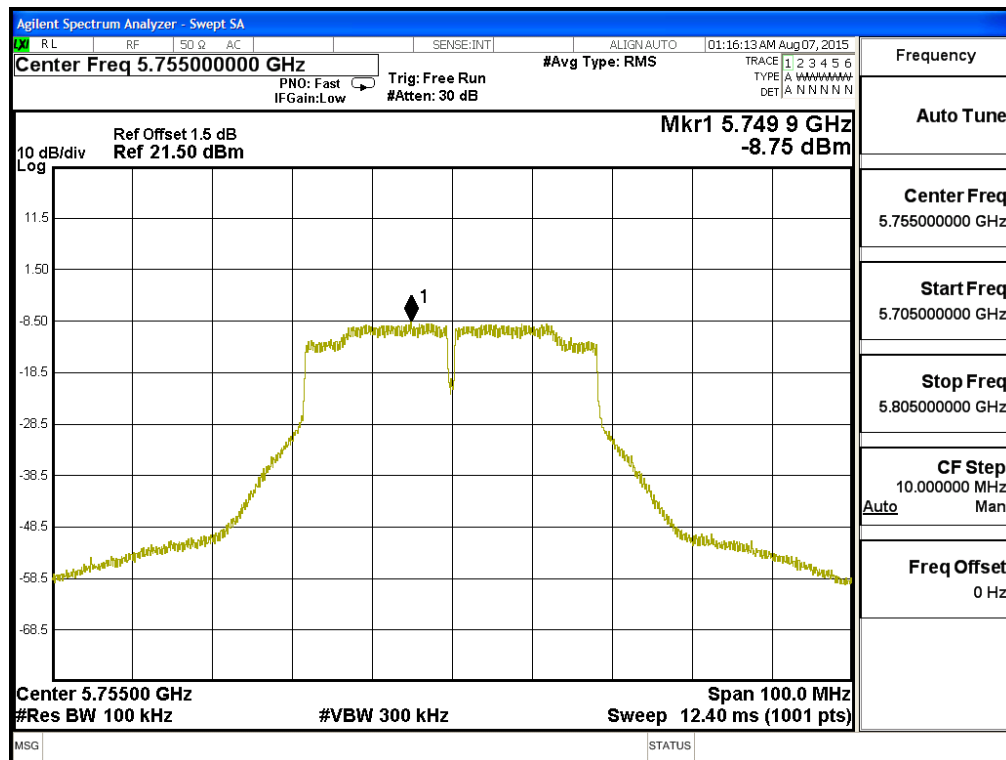


Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Peak Power Spectral Density  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps)

| Channel Number | Frequency (MHz) | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) <sub>1</sub> | Required Limit (dBm) | Result |
|----------------|-----------------|------------|-----------|-------------------|-------------------------------|----------------------|--------|
| 151            | 5755            | -8.750     | 6.980     | 0.150             | -1.620                        | <30                  | Pass   |
| 159            | 5795            | -6.380     | 6.980     | 0.150             | 0.750                         | <30                  | Pass   |

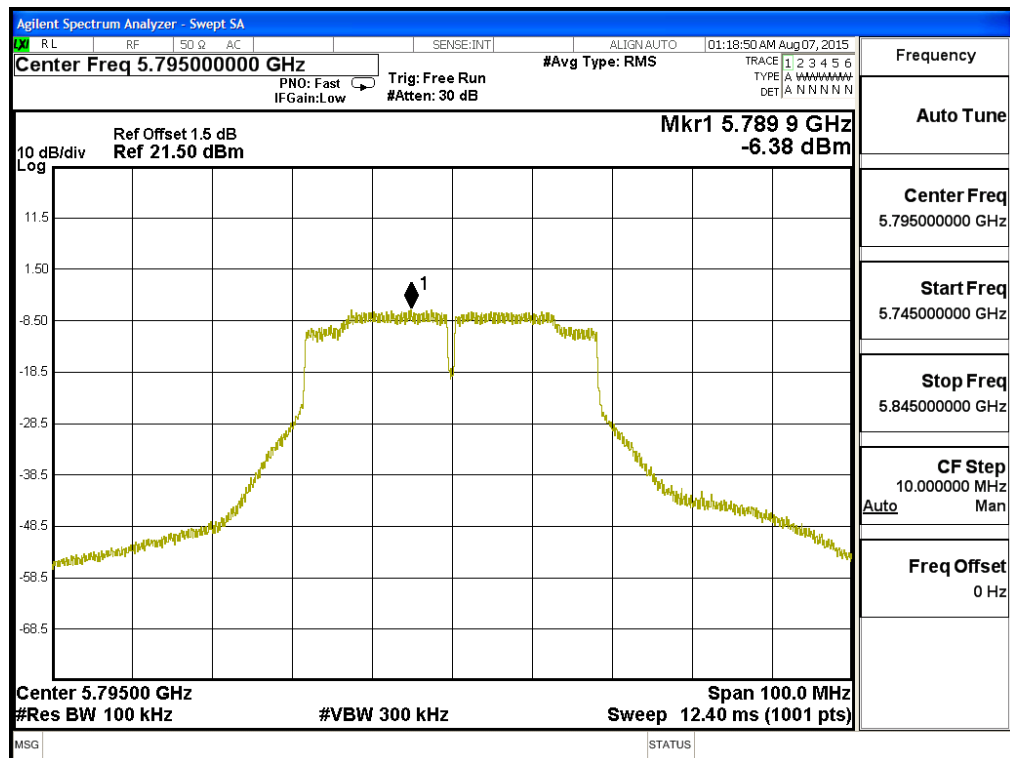
Note: Total PPSD = PPSD value + BWCF + Duty Factor

### Channel 151





### Channel 159

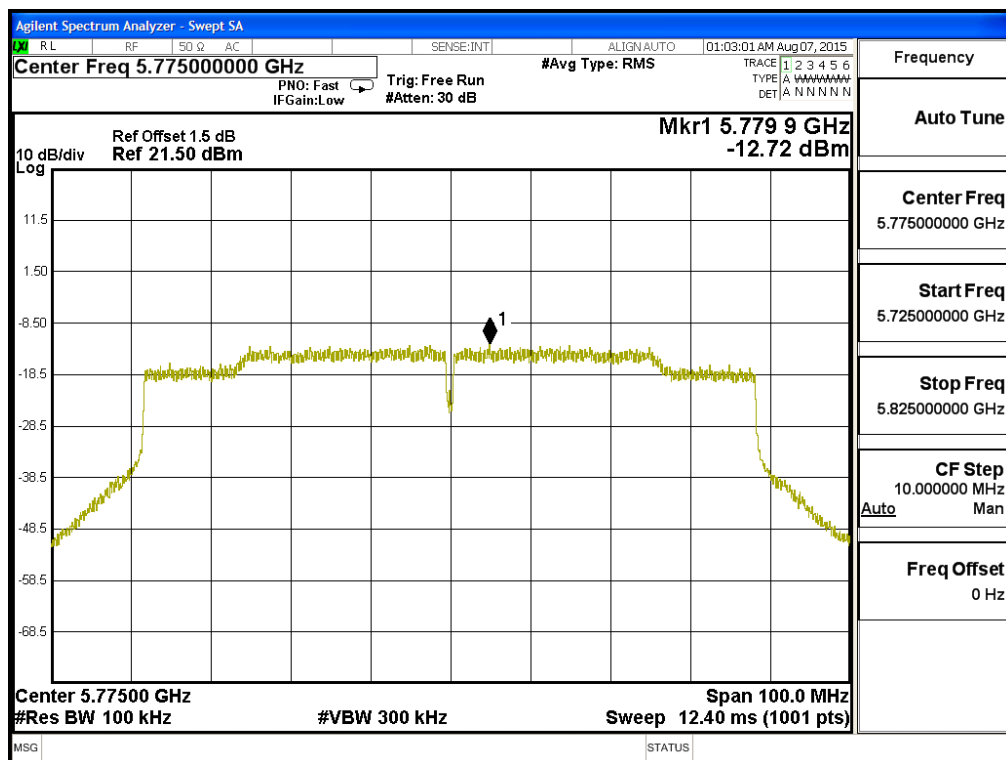


Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Peak Power Spectral Density  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps)

| Channel Number | Frequency (MHz) | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) <sub>1</sub> | Required Limit (dBm) | Result |
|----------------|-----------------|------------|-----------|-------------------|-------------------------------|----------------------|--------|
| 155            | 5775            | -12.720    | 6.980     | 0.975             | -4.765                        | <30                  | Pass   |

Note: Total PPSD = PPSD value + BWCF + Duty Factor

### Channel 155



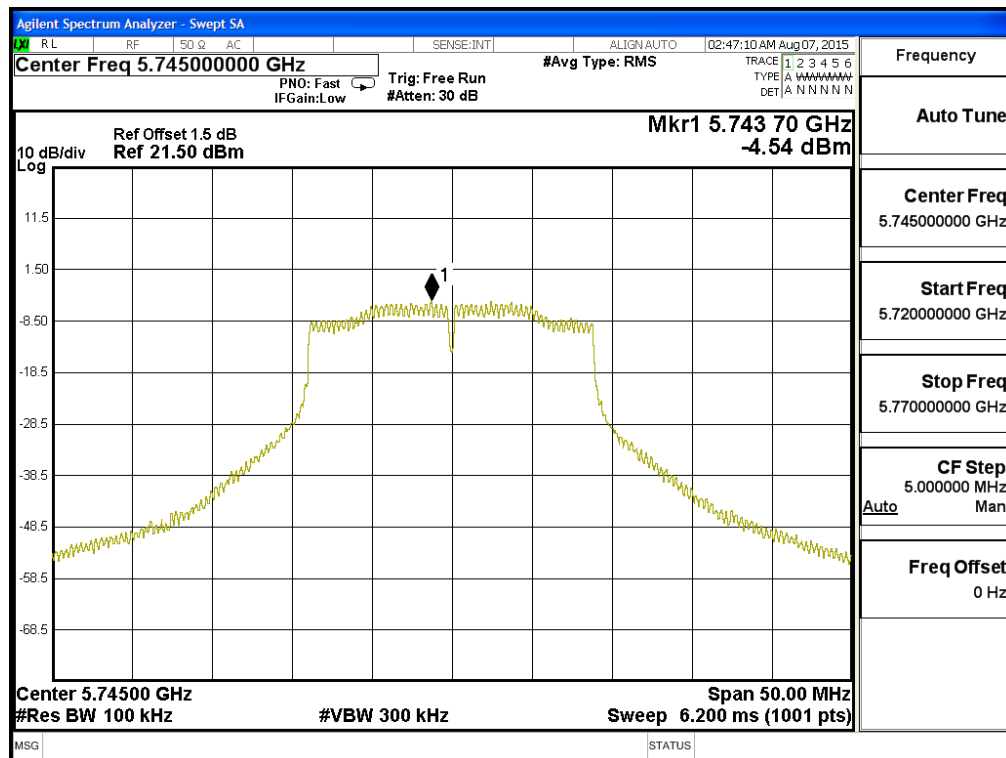
Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Peak Power Spectral Density  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps)

| Channel Number | Frequency (MHz) | Chain | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) <sub>1</sub> | Required Limit (dBm) | Result |
|----------------|-----------------|-------|------------|-----------|-------------------|-------------------------------|----------------------|--------|
| 149            | 5745            | A     | -4.540     | 6.980     | 0.088             | 5.538                         | <30                  | Pass   |
|                |                 | B     | -4.680     | 6.980     | 0.088             | 5.398                         | <30                  | Pass   |
| 157            | 5785            | A     | -3.080     | 6.980     | 0.088             | 6.998                         | <30                  | Pass   |
|                |                 | B     | -2.850     | 6.980     | 0.088             | 7.228                         | <30                  | Pass   |
| 165            | 5825            | A     | -1.500     | 6.980     | 0.088             | 8.578                         | <30                  | Pass   |
|                |                 | B     | -1.310     | 6.980     | 0.088             | 8.768                         | <30                  | Pass   |

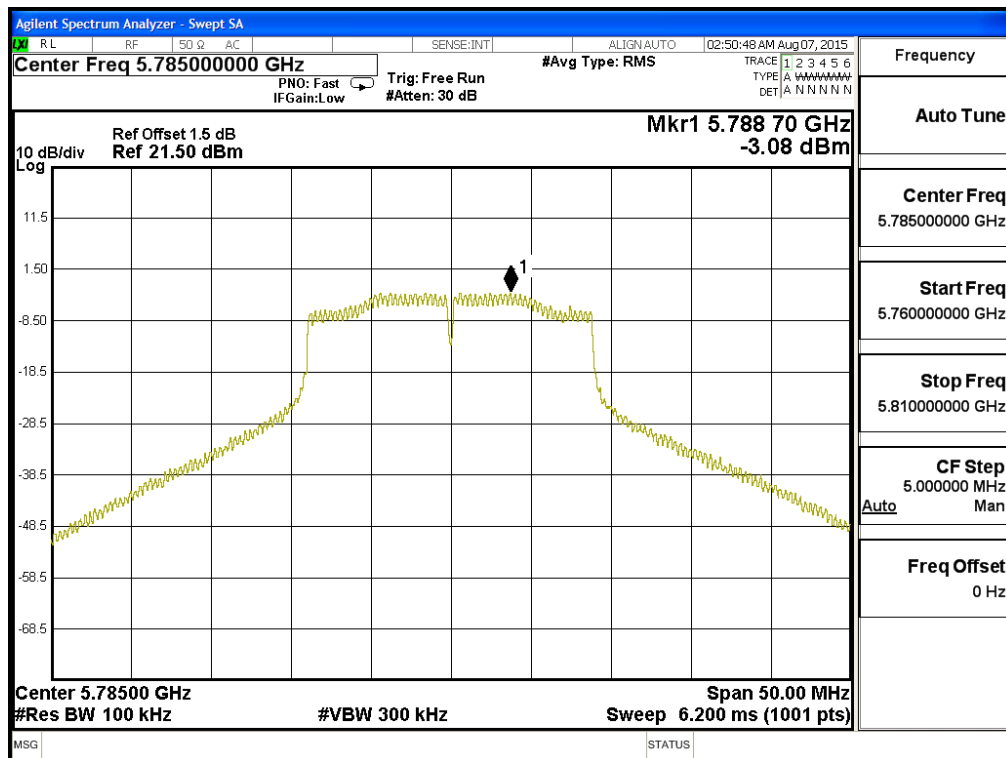
Note: 1. The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911D01.

2. Total PPSD = PPSD value + BWCF + Duty Factor +  $10 \cdot \log 2$ .

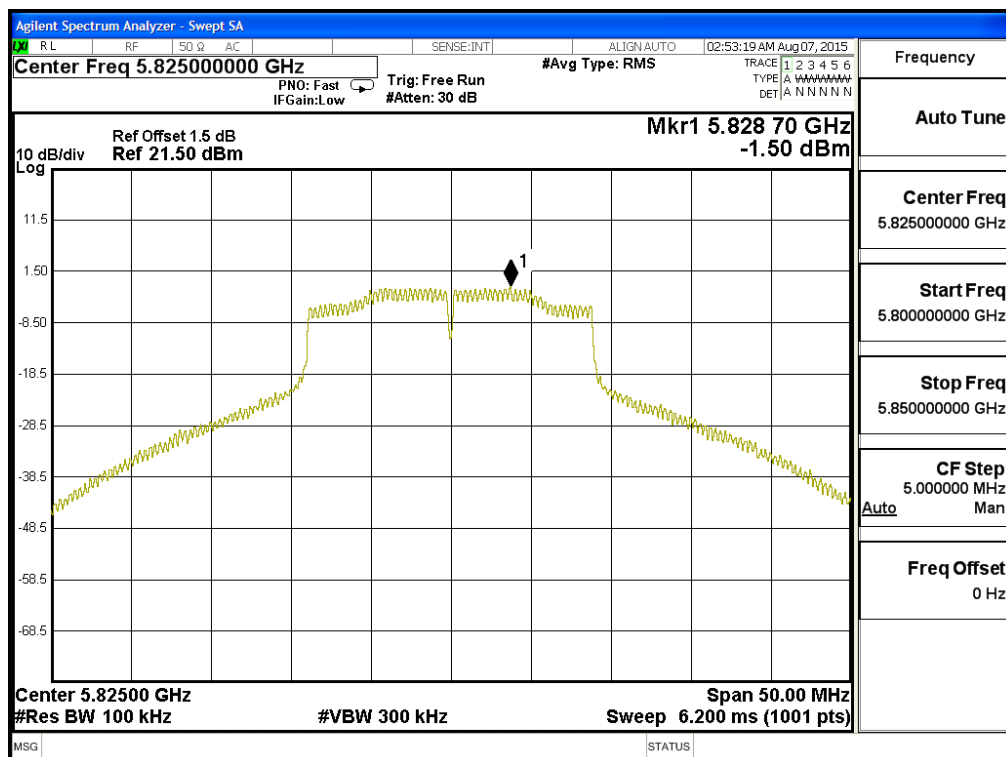
### Channel 149 – Chain A



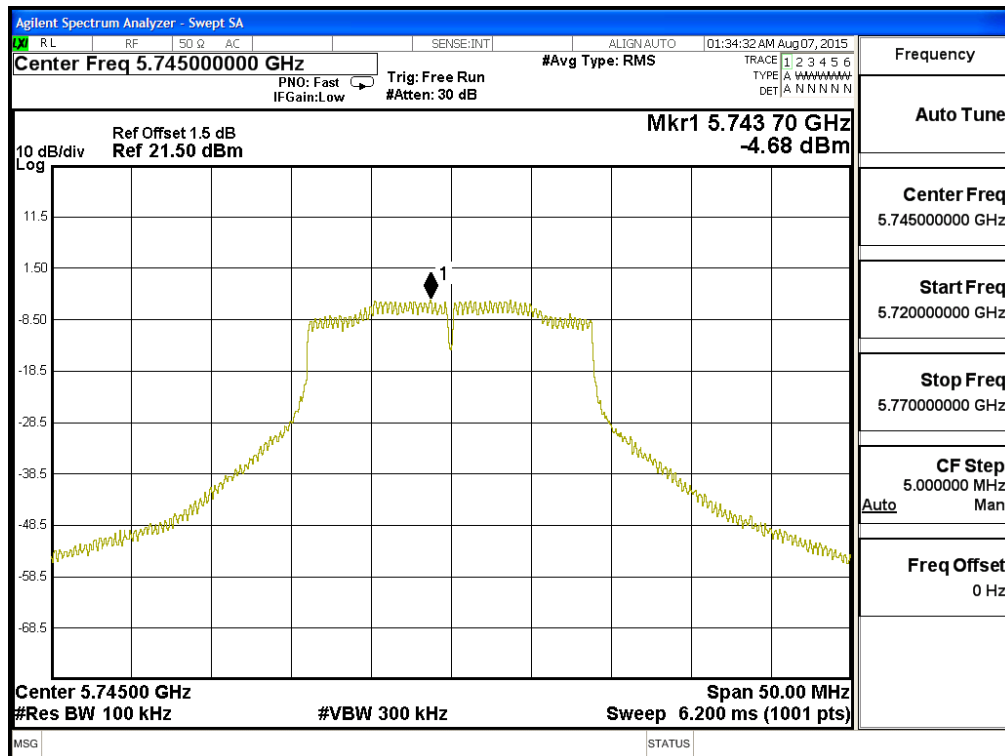
### Channel 157 – Chain A



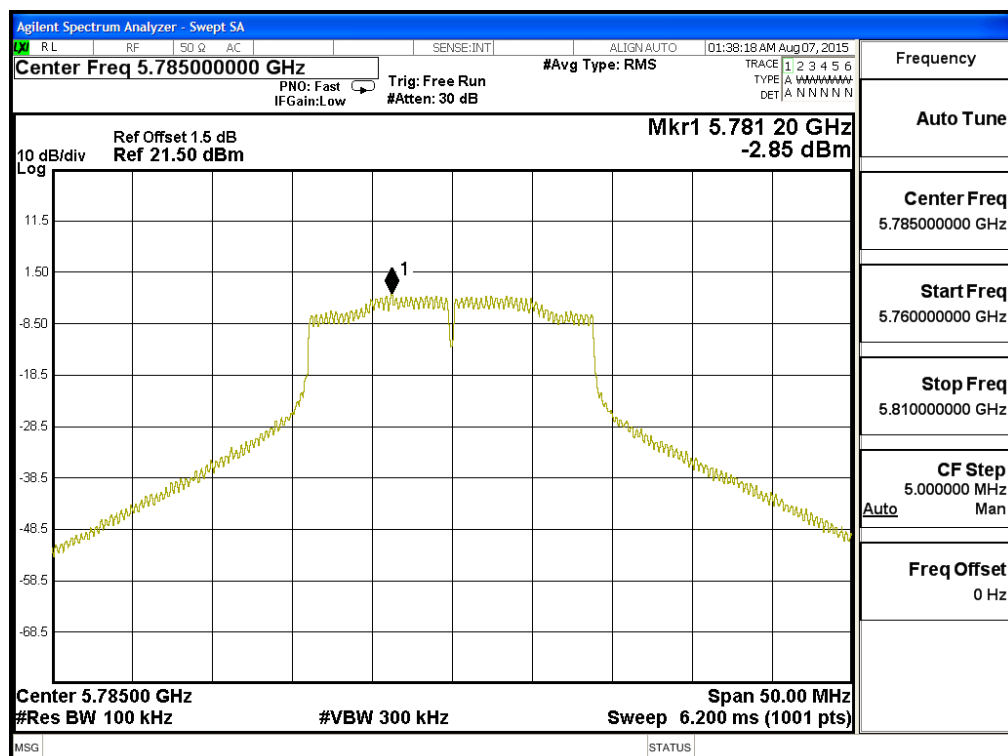
### Channel 165 – Chain A



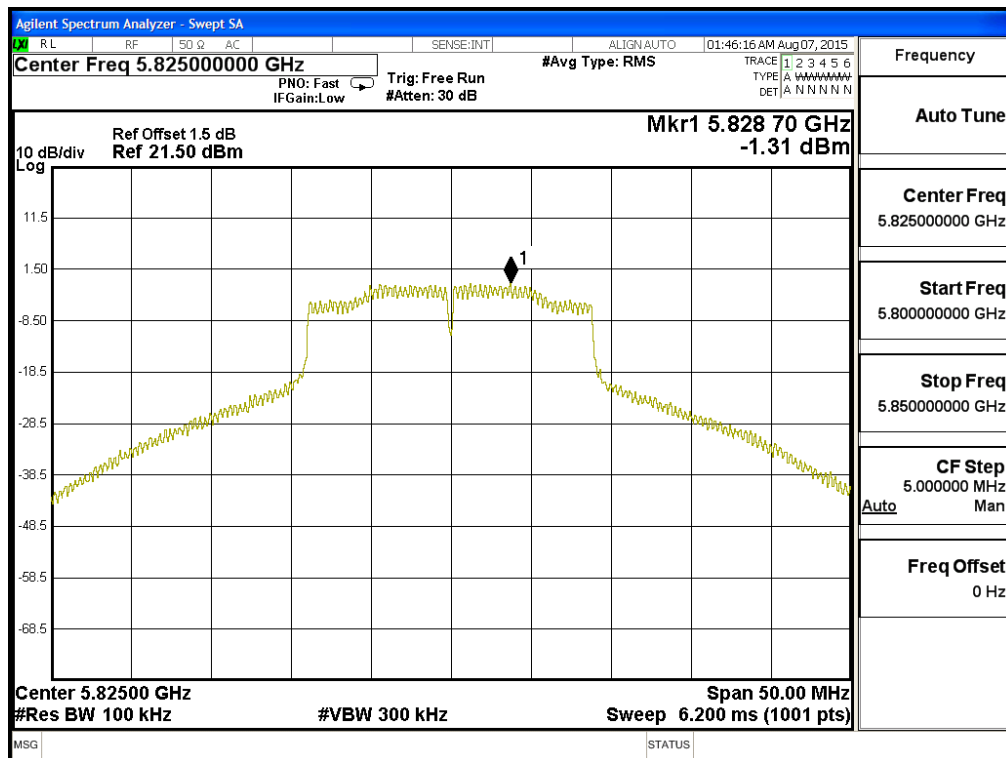
### Channel 149 – Chain B



### Channel 157 – Chain B



### Channel 165 – Chain B



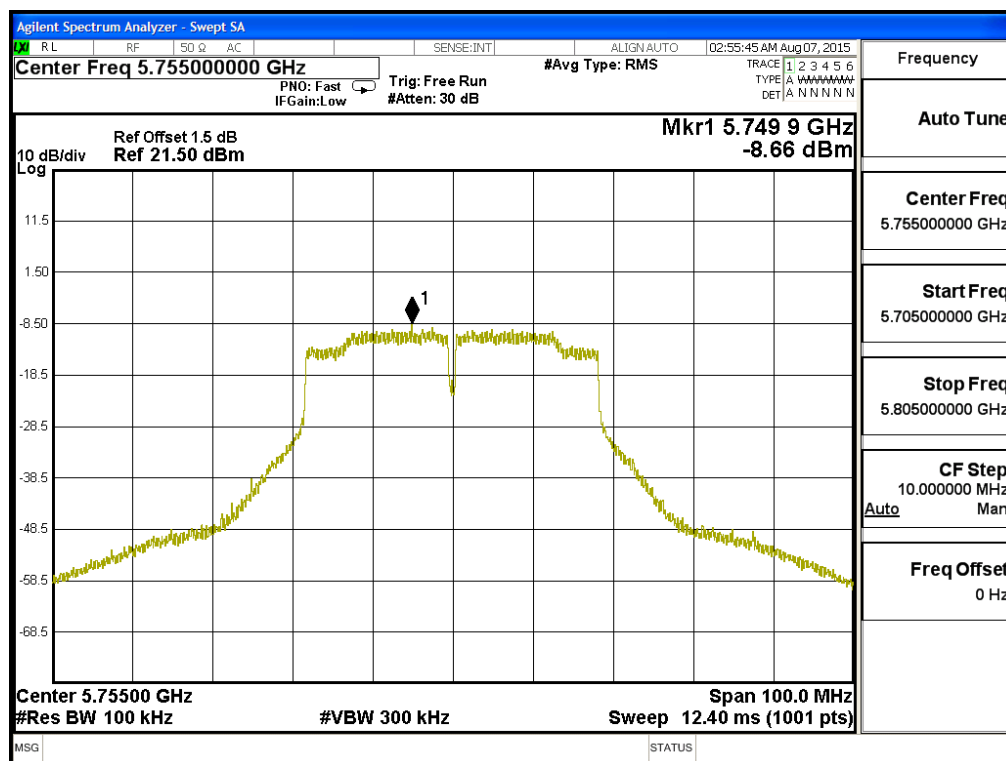
Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Peak Power Spectral Density  
 Test Site : No.3 OATS  
 Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps)

| Channel Number | Frequency (MHz) | Chain | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) <sub>1</sub> | Required Limit (dBm) | Result |
|----------------|-----------------|-------|------------|-----------|-------------------|-------------------------------|----------------------|--------|
| 151            | 5755            | A     | -8.660     | 6.980     | 0.150             | 1.480                         | <30                  | Pass   |
|                |                 | B     | -8.970     | 6.980     | 0.150             | 1.170                         | <30                  | Pass   |
| 159            | 5795            | A     | -6.470     | 6.980     | 0.150             | 3.670                         | <30                  | Pass   |
|                |                 | B     | -6.170     | 6.980     | 0.150             | 3.970                         | <30                  | Pass   |

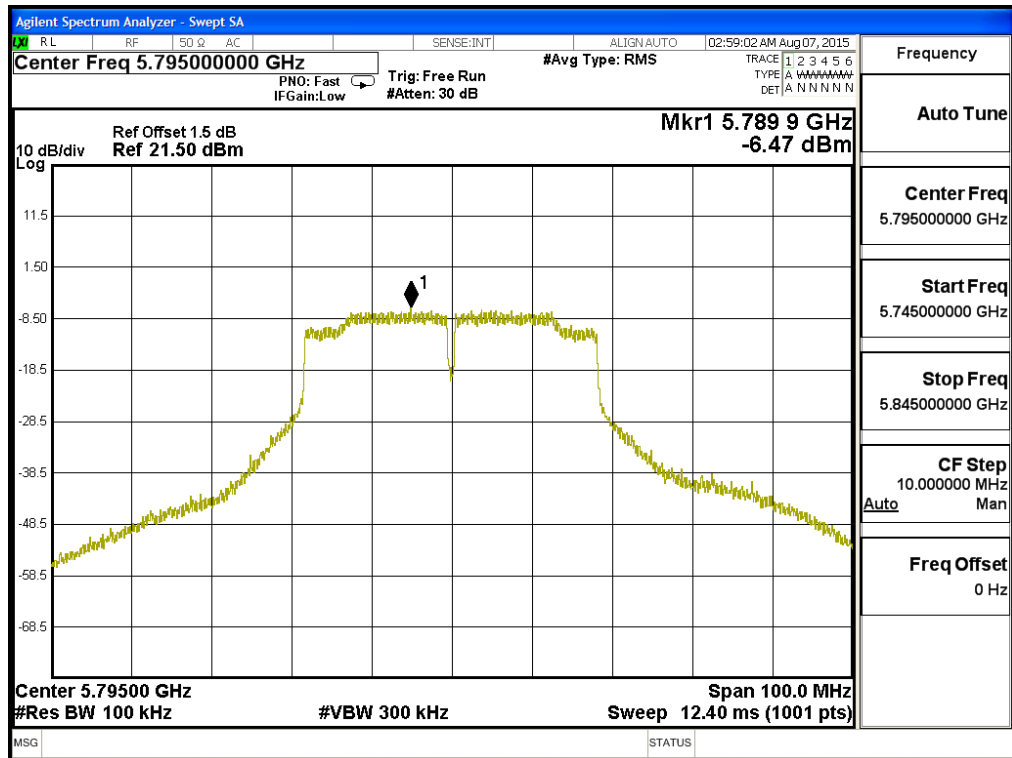
Note: 1. The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911D01.

2. Total PPSD = PPSD value + BWCF + Duty Factor +  $10 \cdot \log 2$ .

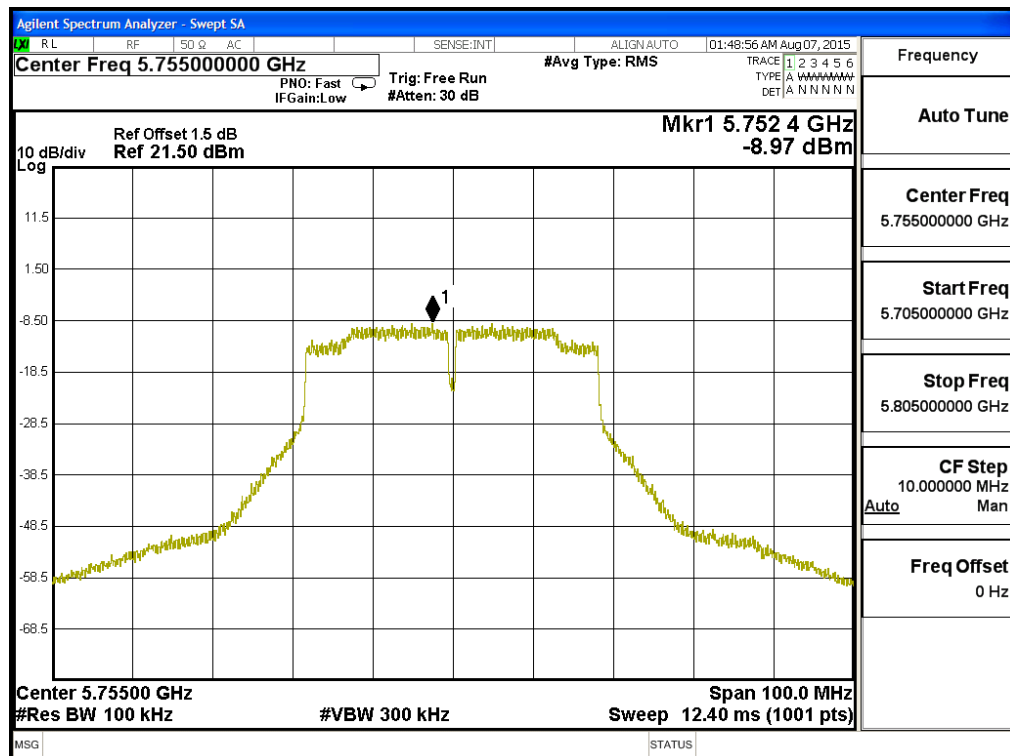
### Channel 151 – Chain A



### Channel 159 – Chain A

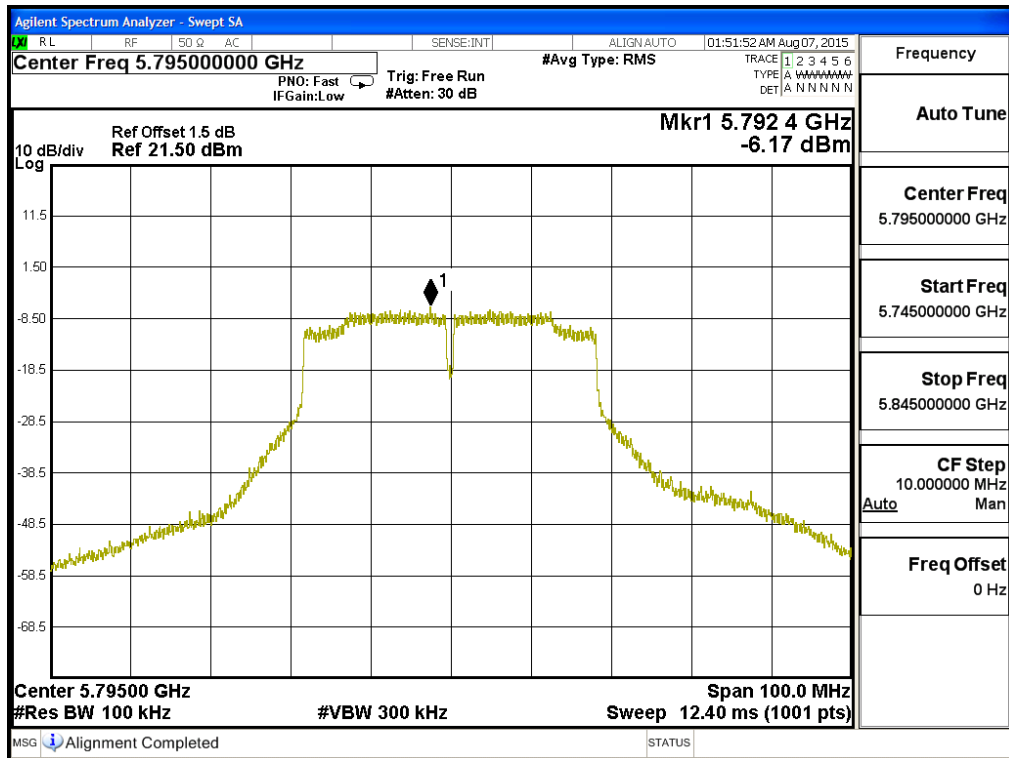


### Channel 151 – Chain B





### Channel 159 – Chain B

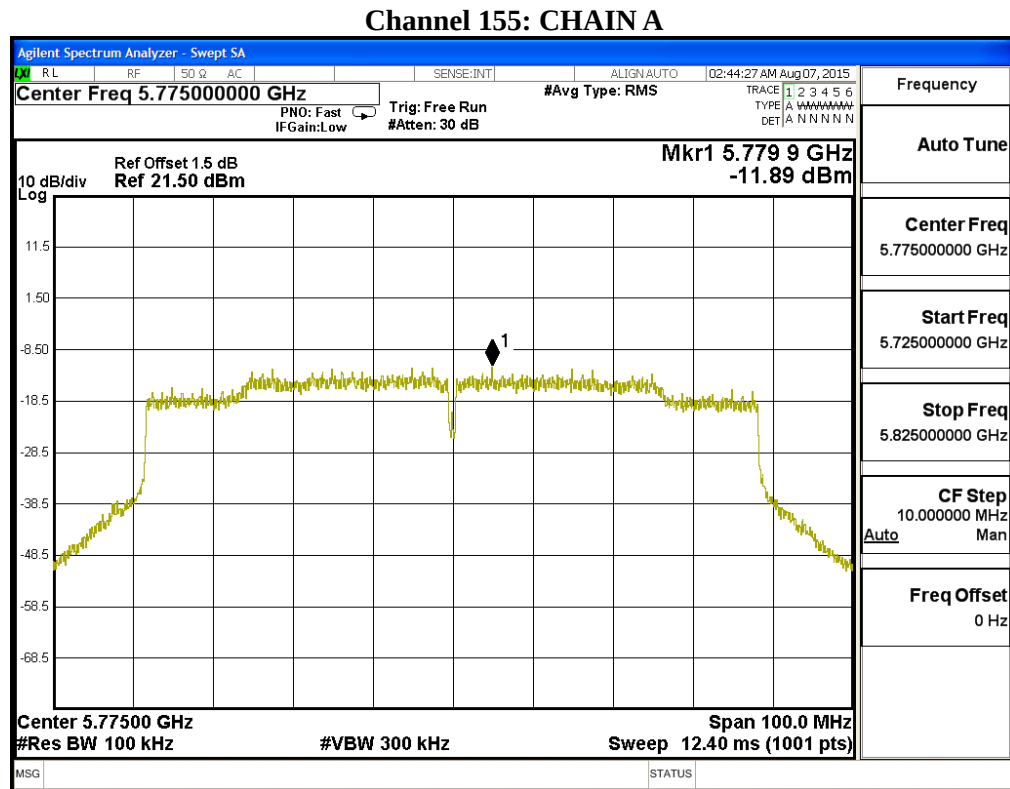


Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Peak Power Spectral Density  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps)

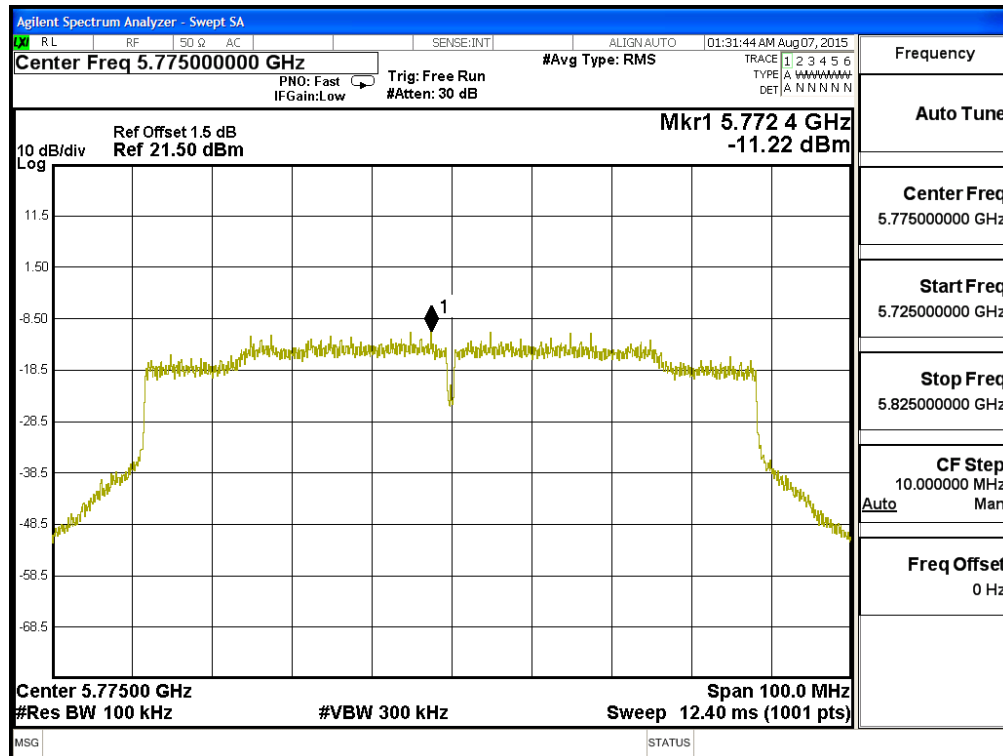
| Channel Number | Frequency (MHz) | Chain | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) <sub>1</sub> | Required Limit (dBm) | Result |
|----------------|-----------------|-------|------------|-----------|-------------------|-------------------------------|----------------------|--------|
| 155            | 5775            | A     | -11.890    | 6.980     | 0.975             | -0.925                        | <30                  | Pass   |
|                |                 | B     | -11.220    | 6.980     | 0.975             | -0.255                        | <30                  | Pass   |

Note: 1. The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911D01.

2. Total PPSD = PPSD value + BWCF + Duty Factor +  $10 \cdot \log 2$ .



### Channel 155: CHAIN B



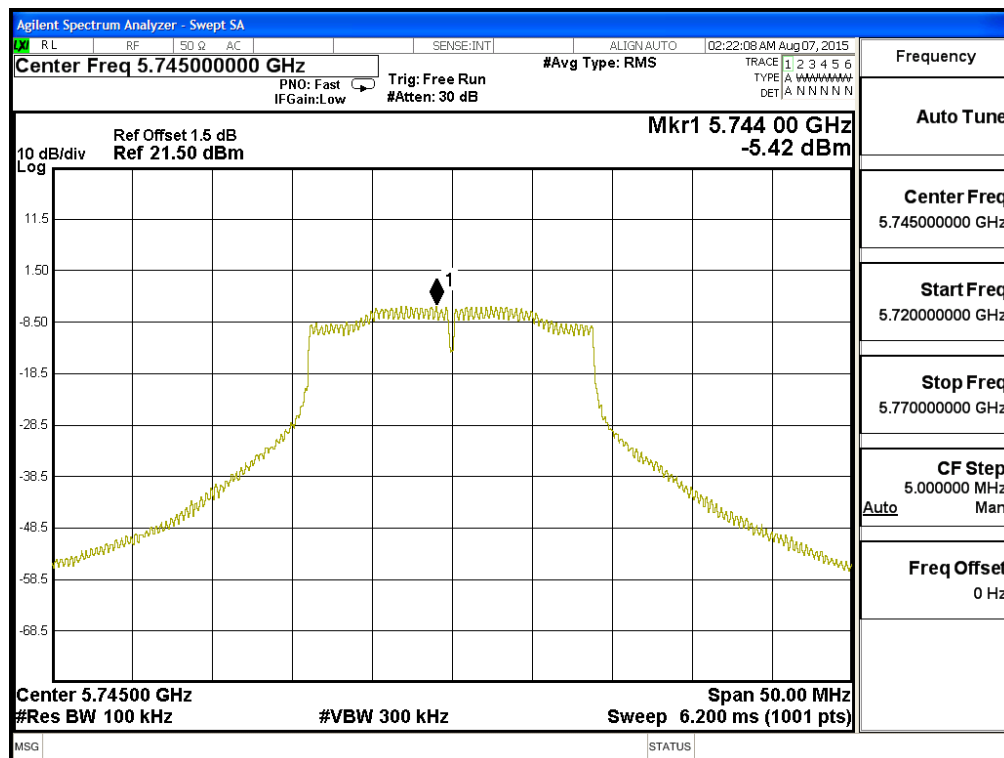
Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Peak Power Spectral Density  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps)

| Channel Number | Frequency (MHz) | Chain | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSS (dBm) <sub>1</sub> | Required Limit (dBm) | Result |
|----------------|-----------------|-------|------------|-----------|-------------------|-------------------------------|----------------------|--------|
| 149            | 5745            | A     | -5.420     | 6.980     | 0.088             | 4.658                         | <30                  | Pass   |
|                |                 | B     | -4.860     | 6.980     | 0.088             | 5.218                         | <30                  | Pass   |
| 157            | 5785            | A     | -2.580     | 6.980     | 0.088             | 7.498                         | <30                  | Pass   |
|                |                 | B     | -2.490     | 6.980     | 0.088             | 7.588                         | <30                  | Pass   |
| 165            | 5825            | A     | -1.790     | 6.980     | 0.088             | 8.288                         | <30                  | Pass   |
|                |                 | B     | -1.700     | 6.980     | 0.088             | 8.378                         | <30                  | Pass   |

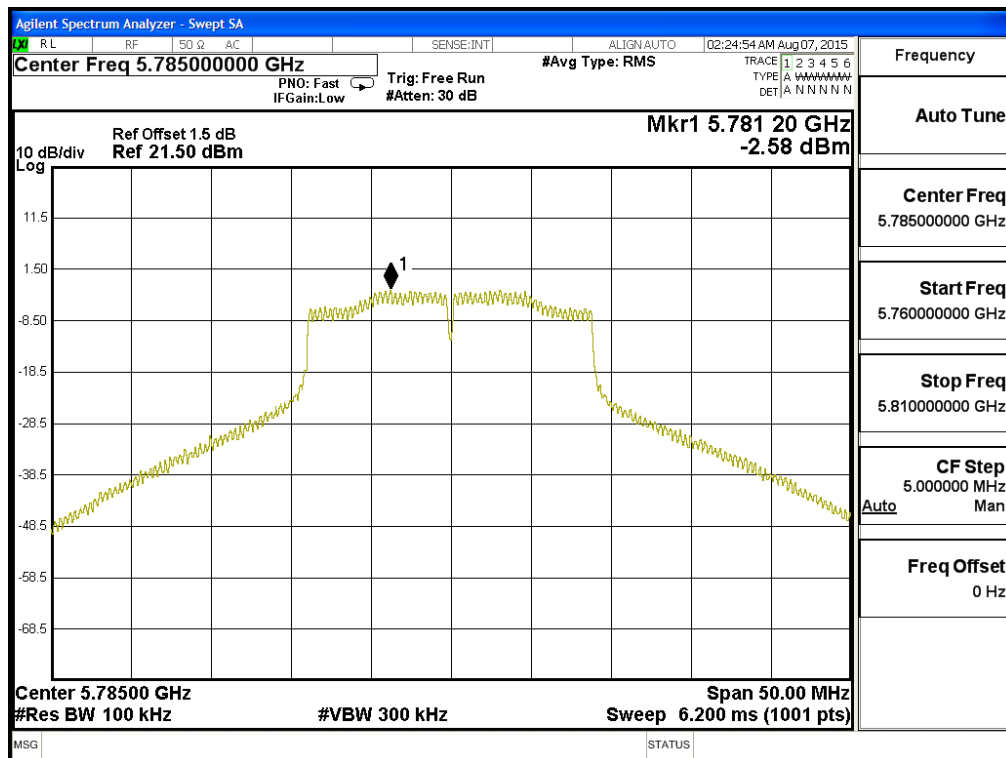
Note: 1. The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911D01.

2. Total PPSS = PPSS value + BWCF + Duty Factor +  $10 \cdot \log 2$ .

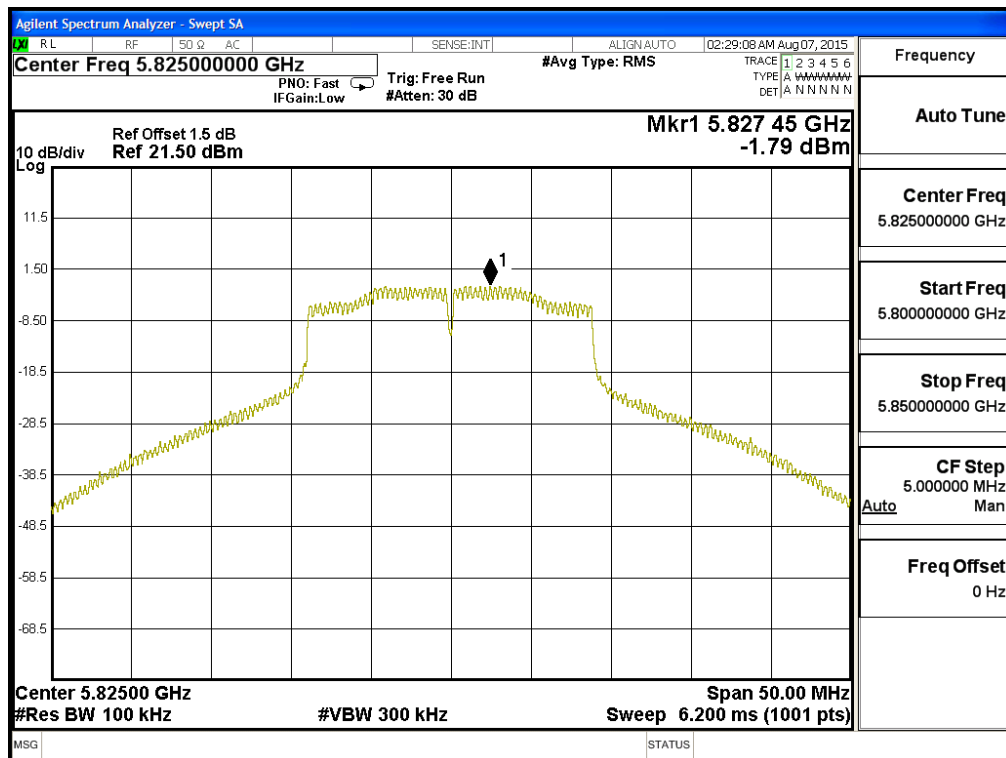
### Channel 149 – Chain A



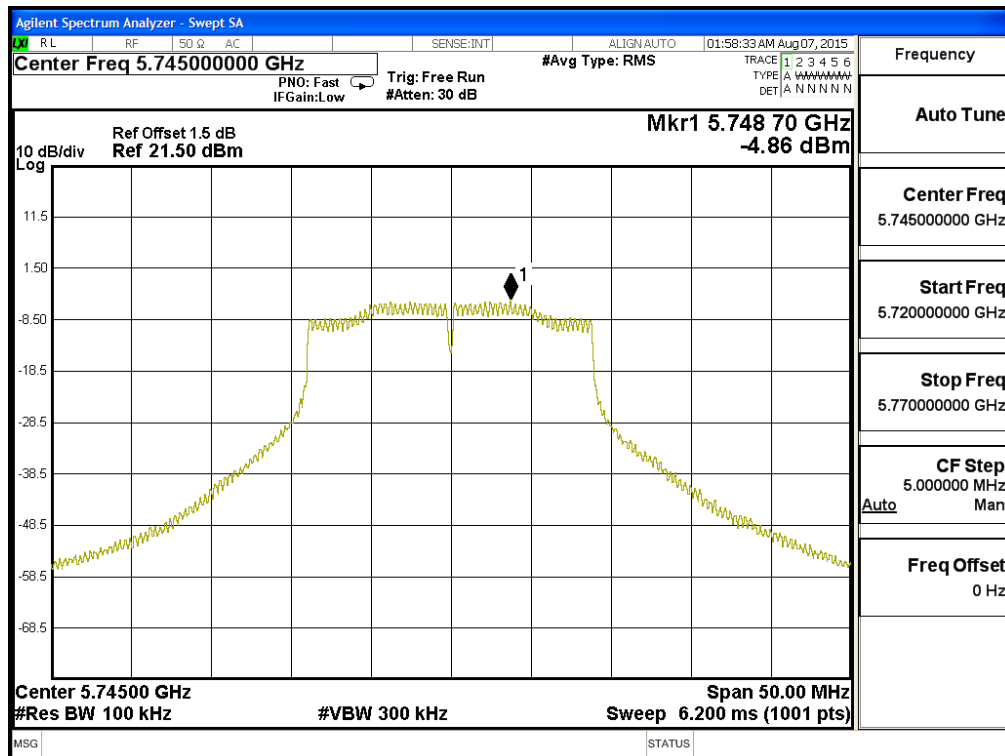
### Channel 157 – Chain A



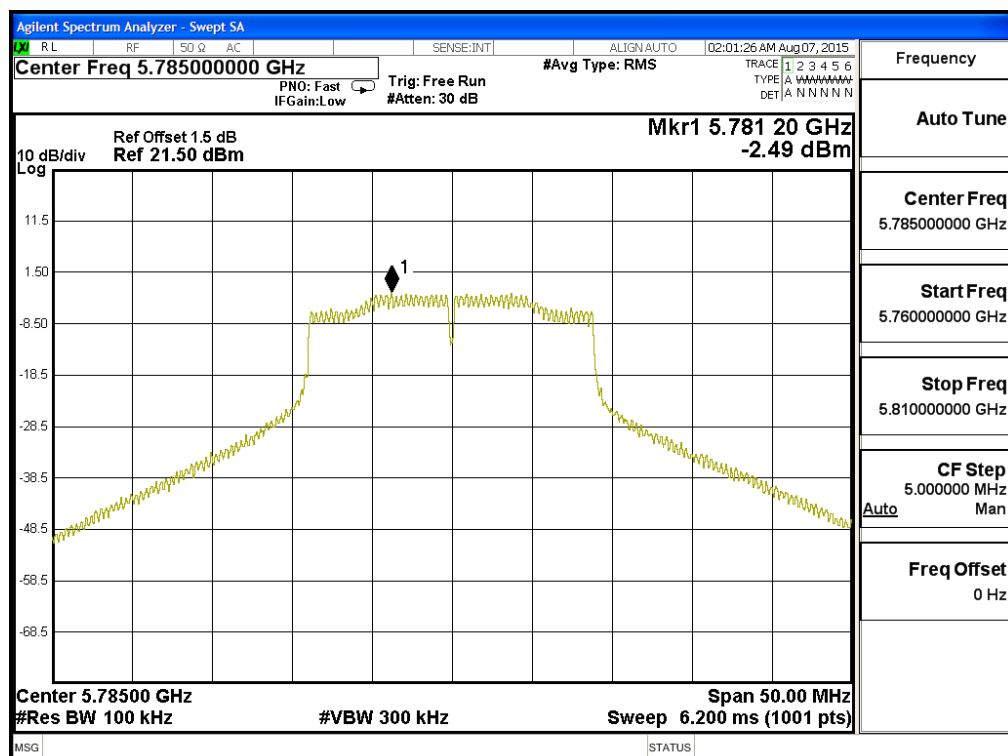
### Channel 165 – Chain A



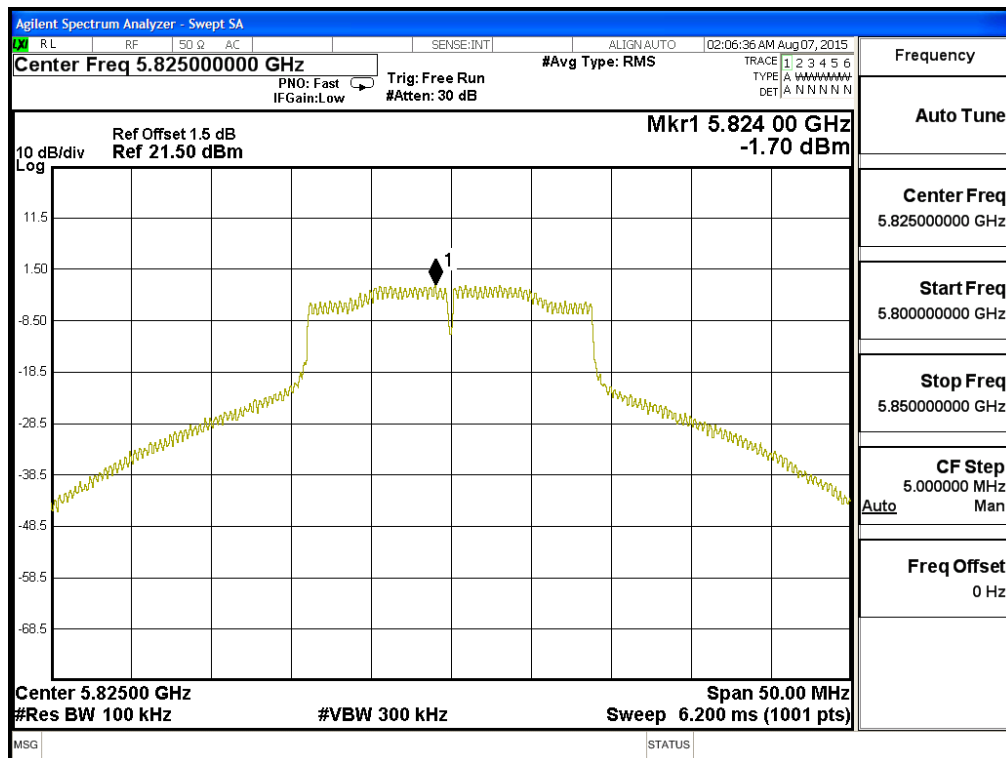
### Channel 149 – Chain B



### Channel 157 – Chain B



### Channel 165 – Chain B



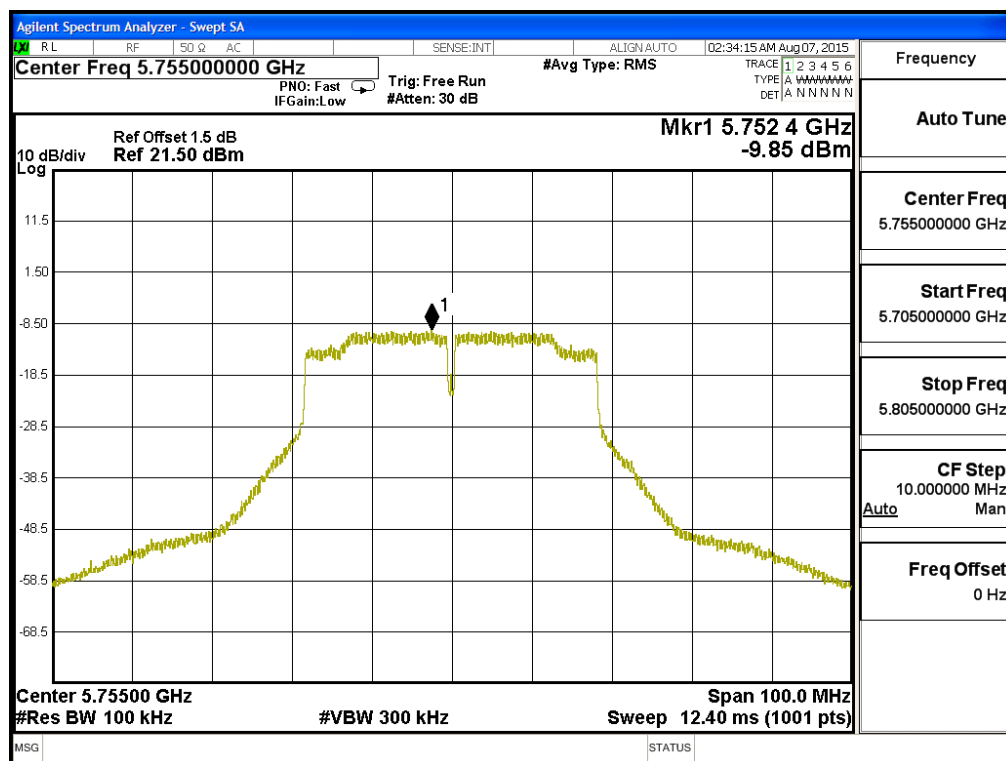
Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Peak Power Spectral Density  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps)

| Channel Number | Frequency (MHz) | Chain | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) <sub>1</sub> | Required Limit (dBm) | Result |
|----------------|-----------------|-------|------------|-----------|-------------------|-------------------------------|----------------------|--------|
| 151            | 5755            | A     | -9.850     | 6.980     | 0.150             | 0.290                         | <30                  | Pass   |
|                |                 | B     | -9.370     | 6.980     | 0.150             | 0.770                         | <30                  | Pass   |
| 159            | 5795            | A     | -7.300     | 6.980     | 0.150             | 2.840                         | <30                  | Pass   |
|                |                 | B     | -7.730     | 6.980     | 0.150             | 2.410                         | <30                  | Pass   |

Note: 1. The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911D01.

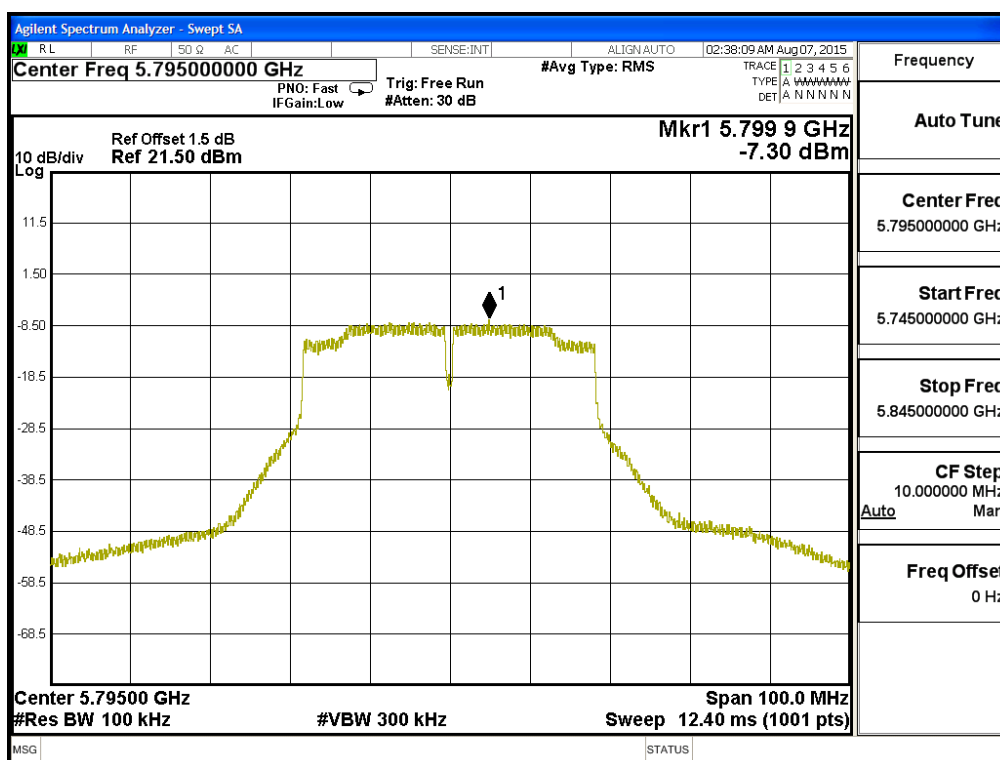
2. Total PPSD = PPSD value + BWCF + Duty Factor +  $10 \cdot \log 2$ .

### Channel 151 – Chain A

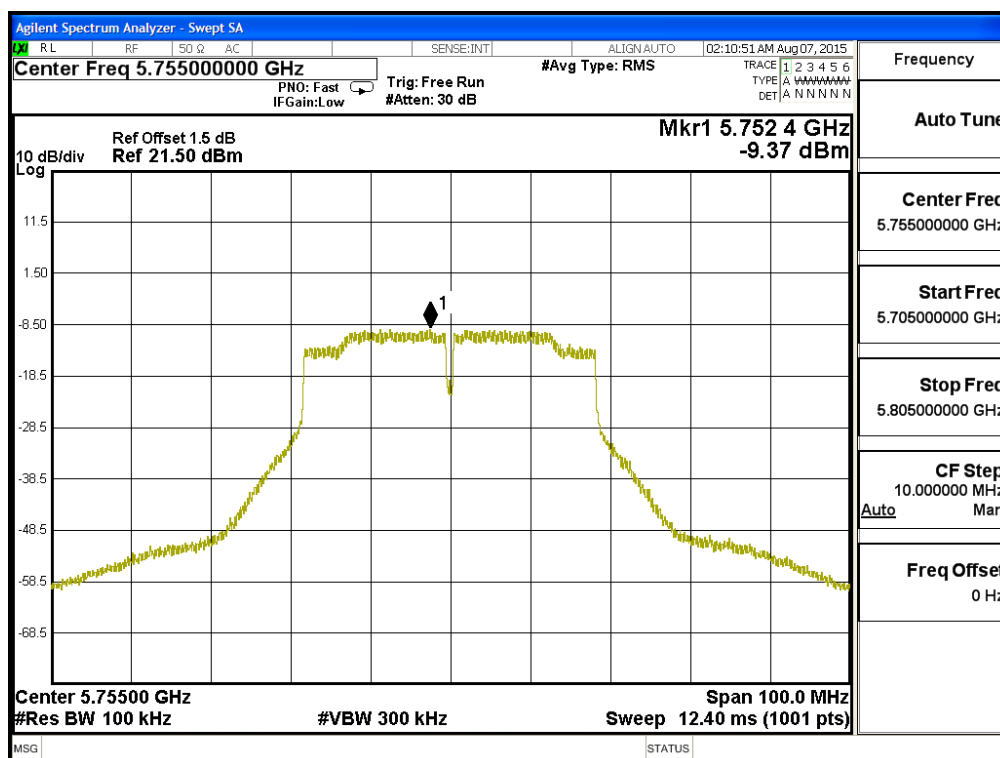




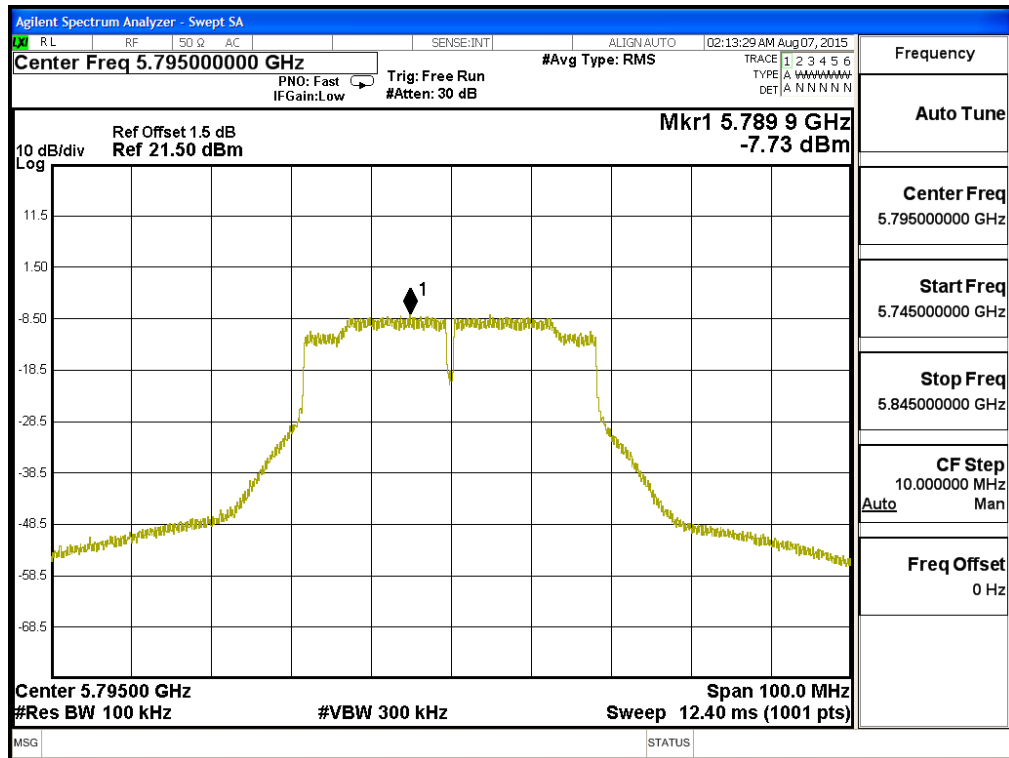
### Channel 159 – Chain A



### Channel 151 – Chain B



### Channel 159 – Chain B



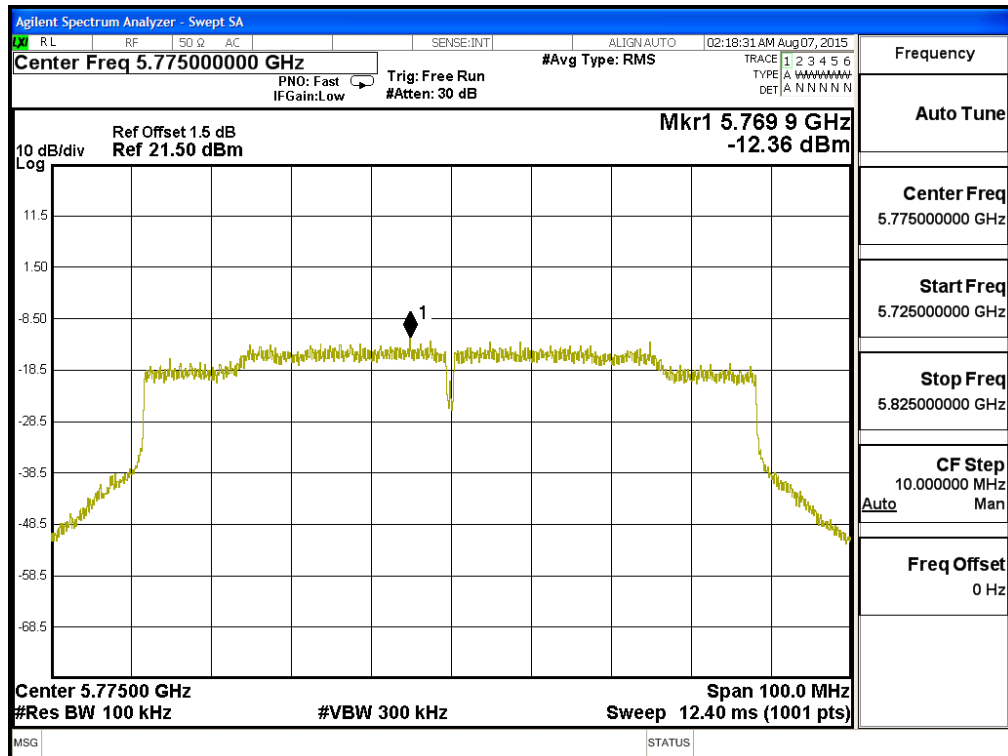
Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Peak Power Spectral Density  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps)

| Channel Number | Frequency (MHz) | Chain | PPSD (dBm) | BWCF (dB) | Duty Factor (dBm) | Total PPSD (dBm) <sub>1</sub> | Required Limit (dBm) | Result |
|----------------|-----------------|-------|------------|-----------|-------------------|-------------------------------|----------------------|--------|
| 155            | 5775            | A     | -12.360    | 6.980     | 0.975             | -1.395                        | <30                  | Pass   |
|                |                 | B     | -10.670    | 6.980     | 0.975             | 0.295                         | <30                  | Pass   |

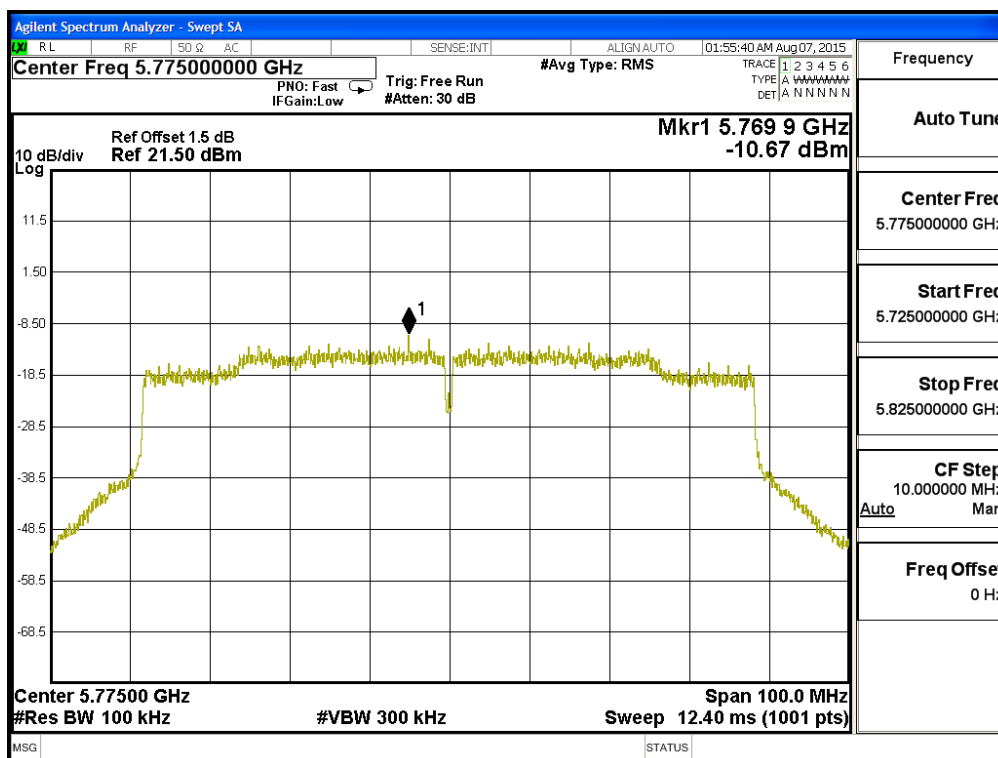
Note: 1. The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911D01.

2. Total PPSS = PPSS value + BWCF + Duty Factor +  $10 \cdot \log 2$ .

### Channel 155: CHAIN A



### Channel 155: CHAIN B



## 5. Radiated Emission

### 5.1. Test Equipment

The following test equipments are used during the radiated emission test:

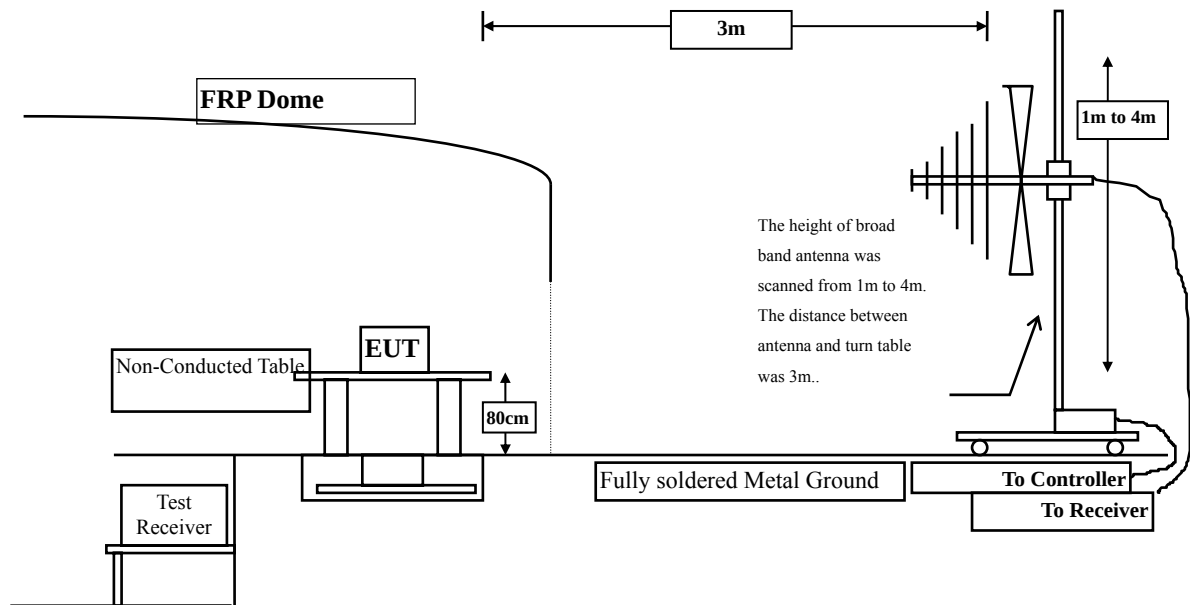
| Test Site                                    |   | Equipment             | Manufacturer    | Model No./Serial No. | Last Cal. |
|----------------------------------------------|---|-----------------------|-----------------|----------------------|-----------|
| <input checked="" type="checkbox"/> Site # 3 | X | Magnetic Loop Antenna | Teseq           | HLA6121/ 37133       | Sep, 2014 |
|                                              | X | Bilog Antenna         | Schaffner Chase | CBL6112B/ 2707       | Jun, 2015 |
|                                              | X | EMI Test Receiver     | R&S             | ESCS 30/838251/ 001  | Jun, 2015 |
|                                              | X | Coaxial Cable         | QTK(Arnist)     | RG 214/ LC003-RG     | Jun, 2015 |
|                                              | X | Coaxial signal switch | Arnist          | MP59B/ 6200798682    | Jun, 2015 |

| Test Site                                  |   | Equipment         | Manufacturer | Model No./Serial No.        | Last Cal. |
|--------------------------------------------|---|-------------------|--------------|-----------------------------|-----------|
| <input checked="" type="checkbox"/> 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, 2015 |
|                                            | 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 |

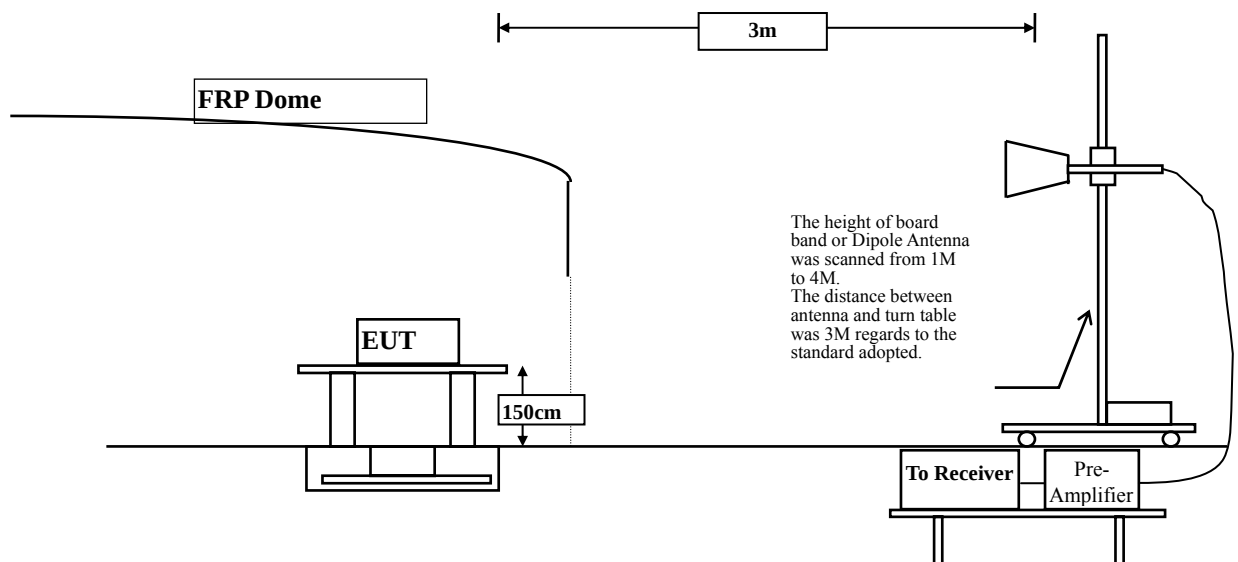
- Note:
1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
  2. The test instruments marked with "X" are used to measure the final test results.

## 5.2. Test Setup

### Radiated Emission Below 1GHz



### Radiated Emission Above 1GHz



### 5.3. 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.

| <b>FCC Part 15 Subpart C Paragraph 15.209(a) Limits</b> |                                      |                                 |
|---------------------------------------------------------|--------------------------------------|---------------------------------|
| Frequency<br>MHz                                        | Field strength<br>(microvolts/meter) | Measurement distance<br>(meter) |
| 0.009-0.490                                             | 2400/F(kHz)                          | 300                             |
| 0.490-1.705                                             | 24000/F(kHz)                         | 30                              |
| 1.705-30                                                | 30                                   | 30                              |
| 30-88                                                   | 100                                  | 3                               |
| 88-216                                                  | 150                                  | 3                               |
| 216-960                                                 | 200                                  | 3                               |
| Above 960                                               | 500                                  | 3                               |

Remarks: E field strength (dBuV/m) = 20 log E field strength (uV/m)

#### 5.4. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested according to FCC KDB-789033 test procedure for compliance to FCC 47CFR 15. 407 requirements.

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground, when measuring the frequency range above 1GHz, 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 between 1 meter and 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.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna.

The worst radiated emission is measured in the Open Area Test Site on the Final Measurement.

The measurement frequency range from 9kHz - 10th Harmonic of fundamental was investigated.

#### 5.5. Uncertainty

± 3.8 dB below 1GHz

± 3.9 dB above 1GHz



## 5.6. Test Result of Radiated Emission

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5745MHz)

| Frequency<br>MHz             | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|------------------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>            |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11490.000                    | 17.106                  | 35.618                   | 52.724                         | -21.276      | 74.000          |
| 17235.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>              |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11490.000                    | 18.034                  | 35.138                   | 53.172                         | -20.828      | 74.000          |
| 17235.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5785MHz)

| Frequency<br>MHz             | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|------------------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>            |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11570.000                    | 16.809                  | 34.979                   | 51.788                         | -22.212      | 74.000          |
| 17355.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20800.000                    | *                       | *                        | *                              | *            | 74.000          |
| 26000.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31200.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36400.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>              |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11570.000                    | 17.698                  | 35.736                   | 53.434                         | -20.566      | 74.000          |
| 17355.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20800.000                    | *                       | *                        | *                              | *            | 74.000          |
| 26000.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31200.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36400.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5825MHz)

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
| MHz                   | Factor  | Level   | Level       |         |        |
|                       | dB      | dBuV    | dBuV/m      | dB      | dBuV/m |
| <b>Horizontal</b>     |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11650.000             | 16.158  | 35.735  | 51.893      | -22.107 | 74.000 |
| 17475.000             | *       | *       | *           | *       | 74.000 |
| 20960.000             | *       | *       | *           | *       | 74.000 |
| 26200.000             | *       | *       | *           | *       | 74.000 |
| 31440000              | *       | *       | *           | *       | 74.000 |
| 36680.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |
| <b>Vertical</b>       |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11650.000             | 17.274  | 35.076  | 52.350      | -21.650 | 74.000 |
| 17475.000             | *       | *       | *           | *       | 74.000 |
| 20960.000             | *       | *       | *           | *       | 74.000 |
| 26200.000             | *       | *       | *           | *       | 74.000 |
| 31440000              | *       | *       | *           | *       | 74.000 |
| 36680.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)

| Frequency<br>MHz             | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|------------------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>            |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11490.000                    | 17.106                  | 34.669                   | 51.775                         | -22.225      | 74.000          |
| 17235.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>              |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11490.000                    | 18.034                  | 34.439                   | 52.473                         | -21.527      | 74.000          |
| 17235.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
| MHz                   | Factor  | Level   | Level       |         |        |
|                       | dB      | dBuV    | dBuV/m      | dB      | dBuV/m |
| <b>Horizontal</b>     |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11570.000             | 16.809  | 35.580  | 52.389      | -21.611 | 74.000 |
| 17355.000             | *       | *       | *           | *       | 74.000 |
| 20880.000             | *       | *       | *           | *       | 74.000 |
| 26100.000             | *       | *       | *           | *       | 74.000 |
| 31320.000             | *       | *       | *           | *       | 74.000 |
| 36540.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |
| <b>Vertical</b>       |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11570.000             | 17.698  | 35.451  | 53.149      | -20.851 | 74.000 |
| 17355.000             | *       | *       | *           | *       | 74.000 |
| 20880.000             | *       | *       | *           | *       | 74.000 |
| 26100.000             | *       | *       | *           | *       | 74.000 |
| 31320.000             | *       | *       | *           | *       | 74.000 |
| 36540.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
| MHz                   | Factor  | Level   | Level       |         |        |
|                       | dB      | dBuV    | dBuV/m      | dB      | dBuV/m |
| <b>Horizontal</b>     |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11650.000             | 16.158  | 35.378  | 51.536      | -22.464 | 74.000 |
| 17475.000             | *       | *       | *           | *       | 74.000 |
| 20960.000             | *       | *       | *           | *       | 74.000 |
| 26200.000             | *       | *       | *           | *       | 74.000 |
| 31440.000             | *       | *       | *           | *       | 74.000 |
| 36680.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |
| <b>Vertical</b>       |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11650.000             | 17.274  | 35.568  | 52.842      | -21.158 | 74.000 |
| 17475.000             | *       | *       | *           | *       | 74.000 |
| 20960.000             | *       | *       | *           | *       | 74.000 |
| 26200.000             | *       | *       | *           | *       | 74.000 |
| 31440.000             | *       | *       | *           | *       | 74.000 |
| 36680.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5755MHz)

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
| MHz                   | Factor  | Level   | Level       |         |        |
|                       | dB      | dBuV    | dBuV/m      | dB      | dBuV/m |
| <b>Horizontal</b>     |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11510.000             | 17.124  | 35.221  | 52.345      | -21.655 | 74.000 |
| 17265.000             | *       | *       | *           | *       | 74.000 |
| 20760.000             | *       | *       | *           | *       | 74.000 |
| 25950.000             | *       | *       | *           | *       | 74.000 |
| 31140.000             | *       | *       | *           | *       | 74.000 |
| 36330.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |
| <b>Vertical</b>       |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11510.000             | 18.081  | 35.078  | 53.159      | -20.841 | 74.000 |
| 17265.000             | *       | *       | *           | *       | 74.000 |
| 20760.000             | *       | *       | *           | *       | 74.000 |
| 25950.000             | *       | *       | *           | *       | 74.000 |
| 31140.000             | *       | *       | *           | *       | 74.000 |
| 36330.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5795MHz)

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
| MHz                   | Factor  | Level   | Level       |         |        |
|                       | dB      | dBuV    | dBuV/m      | dB      | dBuV/m |
| <b>Horizontal</b>     |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11590.000             | 16.701  | 35.651  | 52.352      | -21.648 | 74.000 |
| 17385.000             | *       | *       | *           | *       | 74.000 |
| 20920.000             | *       | *       | *           | *       | 74.000 |
| 26150.000             | *       | *       | *           | *       | 74.000 |
| 31380.000             | *       | *       | *           | *       | 74.000 |
| 36610.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |
| <b>Vertical</b>       |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11590.000             | 17.567  | 35.210  | 52.777      | -21.223 | 74.000 |
| 17385.000             | *       | *       | *           | *       | 74.000 |
| 20920.000             | *       | *       | *           | *       | 74.000 |
| 26150.000             | *       | *       | *           | *       | 74.000 |
| 31380.000             | *       | *       | *           | *       | 74.000 |
| 36610.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

| Frequency<br>MHz             | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|------------------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>            |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11530.000                    | 17.018                  | 35.732                   | 52.750                         | -21.250      | 74.000          |
| 17325.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>              |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11530.000                    | 17.952                  | 35.129                   | 53.081                         | -20.919      | 74.000          |
| 17325.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5745MHz)

| Frequency<br>MHz             | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|------------------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>            |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11490.000                    | 17.106                  | 35.367                   | 52.473                         | -21.527      | 74.000          |
| 17235.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>              |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11490.000                    | 18.034                  | 34.882                   | 52.916                         | -21.084      | 74.000          |
| 17235.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5785MHz)

| Frequency<br>MHz      | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|-----------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>     |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11570.000             | 16.809                  | 35.460                   | 52.269                         | -21.731      | 74.000          |
| 17355.000             | *                       | *                        | *                              | *            | 74.000          |
| 20800.000             | *                       | *                        | *                              | *            | 74.000          |
| 26000.000             | *                       | *                        | *                              | *            | 74.000          |
| 31200.000             | *                       | *                        | *                              | *            | 74.000          |
| 36400.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>       |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11570.000             | 17.698                  | 35.582                   | 53.280                         | -20.720      | 74.000          |
| 17355.000             | *                       | *                        | *                              | *            | 74.000          |
| 20800.000             | *                       | *                        | *                              | *            | 74.000          |
| 26000.000             | *                       | *                        | *                              | *            | 74.000          |
| 31200.000             | *                       | *                        | *                              | *            | 74.000          |
| 36400.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5825MHz)

| Frequency<br>MHz             | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|------------------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>            |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11650.000                    | 16.158                  | 34.686                   | 50.844                         | -23.156      | 74.000          |
| 17475.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20960.000                    | *                       | *                        | *                              | *            | 74.000          |
| 26200.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31440000                     | *                       | *                        | *                              | *            | 74.000          |
| 36680.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>              |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11650.000                    | 17.274                  | 35.093                   | 52.367                         | -21.633      | 74.000          |
| 17475.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20960.000                    | *                       | *                        | *                              | *            | 74.000          |
| 26200.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31440000                     | *                       | *                        | *                              | *            | 74.000          |
| 36680.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)

| Frequency<br>MHz             | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|------------------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>            |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11490.000                    | 17.106                  | 34.527                   | 51.633                         | -22.367      | 74.000          |
| 17235.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>              |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11490.000                    | 18.034                  | 34.527                   | 52.561                         | -21.439      | 74.000          |
| 17235.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
| MHz                   | Factor  | Level   | Level       |         |        |
|                       | dB      | dBuV    | dBuV/m      | dB      | dBuV/m |
| <b>Horizontal</b>     |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11570.000             | 16.809  | 35.153  | 51.962      | -22.038 | 74.000 |
| 17355.000             | *       | *       | *           | *       | 74.000 |
| 20880.000             | *       | *       | *           | *       | 74.000 |
| 26100.000             | *       | *       | *           | *       | 74.000 |
| 31320.000             | *       | *       | *           | *       | 74.000 |
| 36540.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |
| <b>Vertical</b>       |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11570.000             | 17.698  | 35.288  | 52.986      | -21.014 | 74.000 |
| 17355.000             | *       | *       | *           | *       | 74.000 |
| 20880.000             | *       | *       | *           | *       | 74.000 |
| 26100.000             | *       | *       | *           | *       | 74.000 |
| 31320.000             | *       | *       | *           | *       | 74.000 |
| 36540.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
| MHz                   | Factor  | Level   | Level       |         |        |
|                       | dB      | dBuV    | dBuV/m      | dB      | dBuV/m |
| <b>Horizontal</b>     |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11650.000             | 16.158  | 34.602  | 50.760      | -23.240 | 74.000 |
| 17475.000             | *       | *       | *           | *       | 74.000 |
| 20960.000             | *       | *       | *           | *       | 74.000 |
| 26200.000             | *       | *       | *           | *       | 74.000 |
| 31440.000             | *       | *       | *           | *       | 74.000 |
| 36680.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |
| <b>Vertical</b>       |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11650.000             | 17.274  | 35.149  | 52.423      | -21.577 | 74.000 |
| 17475.000             | *       | *       | *           | *       | 74.000 |
| 20960.000             | *       | *       | *           | *       | 74.000 |
| 26200.000             | *       | *       | *           | *       | 74.000 |
| 31440.000             | *       | *       | *           | *       | 74.000 |
| 36680.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5755MHz)

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
| MHz                   | Factor  | Level   | Level       |         |        |
|                       | dB      | dBuV    | dBuV/m      | dB      | dBuV/m |
| <b>Horizontal</b>     |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11510.000             | 17.124  | 35.261  | 52.385      | -21.615 | 74.000 |
| 17265.000             | *       | *       | *           | *       | 74.000 |
| 20760.000             | *       | *       | *           | *       | 74.000 |
| 25950.000             | *       | *       | *           | *       | 74.000 |
| 31140.000             | *       | *       | *           | *       | 74.000 |
| 36330.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |
| <b>Vertical</b>       |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11510.000             | 18.081  | 34.949  | 53.030      | -20.970 | 74.000 |
| 17265.000             | *       | *       | *           | *       | 74.000 |
| 20760.000             | *       | *       | *           | *       | 74.000 |
| 25950.000             | *       | *       | *           | *       | 74.000 |
| 31140.000             | *       | *       | *           | *       | 74.000 |
| 36330.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5795MHz)

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
| MHz                   | Factor  | Level   | Level       |         |        |
|                       | dB      | dBuV    | dBuV/m      | dB      | dBuV/m |
| <b>Horizontal</b>     |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11590.000             | 16.701  | 34.890  | 51.591      | -22.409 | 74.000 |
| 17385.000             | *       | *       | *           | *       | 74.000 |
| 20920.000             | *       | *       | *           | *       | 74.000 |
| 26150.000             | *       | *       | *           | *       | 74.000 |
| 31380.000             | *       | *       | *           | *       | 74.000 |
| 36610.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |
| <b>Vertical</b>       |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11590.000             | 17.567  | 34.839  | 52.406      | -21.594 | 74.000 |
| 17385.000             | *       | *       | *           | *       | 74.000 |
| 20920.000             | *       | *       | *           | *       | 74.000 |
| 26150.000             | *       | *       | *           | *       | 74.000 |
| 31380.000             | *       | *       | *           | *       | 74.000 |
| 36610.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

| Frequency<br>MHz             | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|------------------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>            |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11530.000                    | 17.018                  | 35.512                   | 52.530                         | -21.470      | 74.000          |
| 17325.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>              |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11530.000                    | 17.952                  | 34.347                   | 52.299                         | -21.701      | 74.000          |
| 17325.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5745MHz)

| Frequency<br>MHz             | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|------------------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>            |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11490.000                    | 17.106                  | 35.391                   | 52.497                         | -21.503      | 74.000          |
| 17235.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>              |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11490.000                    | 18.034                  | 34.750                   | 52.784                         | -21.216      | 74.000          |
| 17235.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5785MHz)

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
| MHz                   | Factor  | Level   | Level       |         |        |
|                       | dB      | dBuV    | dBuV/m      | dB      | dBuV/m |
| <b>Horizontal</b>     |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11570.000             | 16.809  | 35.410  | 52.219      | -21.781 | 74.000 |
| 17355.000             | *       | *       | *           | *       | 74.000 |
| 20880.000             | *       | *       | *           | *       | 74.000 |
| 26100.000             | *       | *       | *           | *       | 74.000 |
| 31320.000             | *       | *       | *           | *       | 74.000 |
| 36540.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |
| <b>Vertical</b>       |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11570.000             | 17.698  | 35.126  | 52.824      | -21.176 | 74.000 |
| 17355.000             | *       | *       | *           | *       | 74.000 |
| 20880.000             | *       | *       | *           | *       | 74.000 |
| 26100.000             | *       | *       | *           | *       | 74.000 |
| 31320.000             | *       | *       | *           | *       | 74.000 |
| 36540.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5825MHz)

| Frequency<br>MHz      | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|-----------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>     |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11650.000             | 16.158                  | 35.398                   | 51.556                         | -22.444      | 74.000          |
| 17475.000             | *                       | *                        | *                              | *            | 74.000          |
| 20960.000             | *                       | *                        | *                              | *            | 74.000          |
| 26200.000             | *                       | *                        | *                              | *            | 74.000          |
| 31440.000             | *                       | *                        | *                              | *            | 74.000          |
| 36680.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>       |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11650.000             | 17.274                  | 34.642                   | 51.916                         | -22.084      | 74.000          |
| 17475.000             | *                       | *                        | *                              | *            | 74.000          |
| 20960.000             | *                       | *                        | *                              | *            | 74.000          |
| 26200.000             | *                       | *                        | *                              | *            | 74.000          |
| 31440.000             | *                       | *                        | *                              | *            | 74.000          |
| 36680.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) (5755MHz)

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
| MHz                   | Factor  | Level   | Level       |         |        |
|                       | dB      | dBuV    | dBuV/m      | dB      | dBuV/m |
| <b>Horizontal</b>     |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11510.000             | 17.124  | 34.728  | 51.852      | -22.148 | 74.000 |
| 17265.000             | *       | *       | *           | *       | 74.000 |
| 20760.000             | *       | *       | *           | *       | 74.000 |
| 25950.000             | *       | *       | *           | *       | 74.000 |
| 31140.000             | *       | *       | *           | *       | 74.000 |
| 36330.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |
| <b>Vertical</b>       |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11510.000             | 18.081  | 34.686  | 52.767      | -21.233 | 74.000 |
| 17265.000             | *       | *       | *           | *       | 74.000 |
| 20760.000             | *       | *       | *           | *       | 74.000 |
| 25950.000             | *       | *       | *           | *       | 74.000 |
| 31140.000             | *       | *       | *           | *       | 74.000 |
| 36330.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) (5795MHz)

| Frequency<br>MHz      | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|-----------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>     |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11590.000             | 16.701                  | 35.404                   | 52.105                         | -21.895      | 74.000          |
| 17385.000             | *                       | *                        | *                              | *            | 74.000          |
| 20920.000             | *                       | *                        | *                              | *            | 74.000          |
| 26150.000             | *                       | *                        | *                              | *            | 74.000          |
| 31380.000             | *                       | *                        | *                              | *            | 74.000          |
| 36610.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>       |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11590.000             | 17.567                  | 35.116                   | 52.683                         | -21.317      | 74.000          |
| 17385.000             | *                       | *                        | *                              | *            | 74.000          |
| 20920.000             | *                       | *                        | *                              | *            | 74.000          |
| 26150.000             | *                       | *                        | *                              | *            | 74.000          |
| 31380.000             | *                       | *                        | *                              | *            | 74.000          |
| 36610.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

| Frequency<br>MHz      | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|-----------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>     |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11530.000             | 17.018                  | 35.326                   | 52.344                         | -21.656      | 74.000          |
| 17325.000             | *                       | *                        | *                              | *            | 74.000          |
| 20720.000             | *                       | *                        | *                              | *            | 74.000          |
| 25900.000             | *                       | *                        | *                              | *            | 74.000          |
| 31080.000             | *                       | *                        | *                              | *            | 74.000          |
| 36260.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>       |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11530.000             | 17.952                  | 34.900                   | 52.852                         | -21.148      | 74.000          |
| 17325.000             | *                       | *                        | *                              | *            | 74.000          |
| 20720.000             | *                       | *                        | *                              | *            | 74.000          |
| 25900.000             | *                       | *                        | *                              | *            | 74.000          |
| 31080.000             | *                       | *                        | *                              | *            | 74.000          |
| 36260.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5745MHz)

| Frequency<br>MHz             | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|------------------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>            |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11490.000                    | 17.106                  | 34.955                   | 52.061                         | -21.939      | 74.000          |
| 17235.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>              |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11490.000                    | 18.034                  | 35.300                   | 53.334                         | -20.666      | 74.000          |
| 17235.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20720.000                    | *                       | *                        | *                              | *            | 74.000          |
| 25900.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31080.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36260.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5785MHz)

| Frequency<br>MHz             | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|------------------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>            |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11570.000                    | 16.809                  | 35.291                   | 52.100                         | -21.900      | 74.000          |
| 17355.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20880.000                    | *                       | *                        | *                              | *            | 74.000          |
| 26100.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31320.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36540.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>              |                         |                          |                                |              |                 |
| <b>Peak Detector:</b>        |                         |                          |                                |              |                 |
| 11570.000                    | 17.698                  | 35.010                   | 52.708                         | -21.292      | 74.000          |
| 17355.000                    | *                       | *                        | *                              | *            | 74.000          |
| 20880.000                    | *                       | *                        | *                              | *            | 74.000          |
| 26100.000                    | *                       | *                        | *                              | *            | 74.000          |
| 31320.000                    | *                       | *                        | *                              | *            | 74.000          |
| 36540.000                    | *                       | *                        | *                              | *            | 74.000          |
| <b>Average<br/>Detector:</b> |                         |                          |                                |              |                 |
| *                            | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5825MHz)

| Frequency             | Correct | Reading | Measurement | Margin  | Limit  |
|-----------------------|---------|---------|-------------|---------|--------|
| MHz                   | Factor  | Level   | Level       |         |        |
|                       | dB      | dBuV    | dBuV/m      | dB      | dBuV/m |
| <b>Horizontal</b>     |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11650.000             | 16.158  | 34.510  | 50.668      | -23.332 | 74.000 |
| 17475.000             | *       | *       | *           | *       | 74.000 |
| 20960.000             | *       | *       | *           | *       | 74.000 |
| 26200.000             | *       | *       | *           | *       | 74.000 |
| 31440.000             | *       | *       | *           | *       | 74.000 |
| 36680.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |
| <b>Vertical</b>       |         |         |             |         |        |
| <b>Peak Detector:</b> |         |         |             |         |        |
| 11650.000             | 17.274  | 34.585  | 51.859      | -22.141 | 74.000 |
| 17475.000             | *       | *       | *           | *       | 74.000 |
| 20960.000             | *       | *       | *           | *       | 74.000 |
| 26200.000             | *       | *       | *           | *       | 74.000 |
| 31440.000             | *       | *       | *           | *       | 74.000 |
| 36680.000             | *       | *       | *           | *       | 74.000 |
| <b>Average</b>        |         |         |             |         |        |
| <b>Detector:</b>      |         |         |             |         |        |
| *                     | *       | *       | *           | *       | *      |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps) (5755MHz)

| Frequency<br>MHz      | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|-----------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>     |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11510.000             | 17.124                  | 34.912                   | 52.036                         | -21.964      | 74.000          |
| 17265.000             | *                       | *                        | *                              | *            | 74.000          |
| 20760.000             | *                       | *                        | *                              | *            | 74.000          |
| 25950.000             | *                       | *                        | *                              | *            | 74.000          |
| 31140.000             | *                       | *                        | *                              | *            | 74.000          |
| 36330.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>       |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11510.000             | 18.081                  | 34.739                   | 52.820                         | -21.180      | 74.000          |
| 17265.000             | *                       | *                        | *                              | *            | 74.000          |
| 20760.000             | *                       | *                        | *                              | *            | 74.000          |
| 25950.000             | *                       | *                        | *                              | *            | 74.000          |
| 31140.000             | *                       | *                        | *                              | *            | 74.000          |
| 36330.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps) (5795MHz)

| Frequency<br>MHz      | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|-----------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>     |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11590.000             | 16.701                  | 35.228                   | 51.929                         | -22.071      | 74.000          |
| 17385.000             | *                       | *                        | *                              | *            | 74.000          |
| 20920.000             | *                       | *                        | *                              | *            | 74.000          |
| 26150.000             | *                       | *                        | *                              | *            | 74.000          |
| 31380.000             | *                       | *                        | *                              | *            | 74.000          |
| 36610.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>       |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11590.000             | 17.567                  | 34.779                   | 52.346                         | -21.654      | 74.000          |
| 17385.000             | *                       | *                        | *                              | *            | 74.000          |
| 20920.000             | *                       | *                        | *                              | *            | 74.000          |
| 26150.000             | *                       | *                        | *                              | *            | 74.000          |
| 31380.000             | *                       | *                        | *                              | *            | 74.000          |
| 36610.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

| Frequency<br>MHz      | Correct<br>Factor<br>dB | Reading<br>Level<br>dBuV | Measurement<br>Level<br>dBuV/m | Margin<br>dB | Limit<br>dBuV/m |
|-----------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>     |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11530.000             | 17.018                  | 35.193                   | 52.211                         | -21.789      | 74.000          |
| 17325.000             | *                       | *                        | *                              | *            | 74.000          |
| 20720.000             | *                       | *                        | *                              | *            | 74.000          |
| 25900.000             | *                       | *                        | *                              | *            | 74.000          |
| 31080.000             | *                       | *                        | *                              | *            | 74.000          |
| 36260.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |
| <b>Vertical</b>       |                         |                          |                                |              |                 |
| <b>Peak Detector:</b> |                         |                          |                                |              |                 |
| 11530.000             | 17.952                  | 34.726                   | 52.678                         | -21.322      | 74.000          |
| 17325.000             | *                       | *                        | *                              | *            | 74.000          |
| 20720.000             | *                       | *                        | *                              | *            | 74.000          |
| 25900.000             | *                       | *                        | *                              | *            | 74.000          |
| 31080.000             | *                       | *                        | *                              | *            | 74.000          |
| 36260.000             | *                       | *                        | *                              | *            | 74.000          |
| <b>Average</b>        |                         |                          |                                |              |                 |
| <b>Detector:</b>      |                         |                          |                                |              |                 |
| *                     | *                       | *                        | *                              | *            | *               |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5785MHz)

| Frequency | Correct | Reading    | Measurement  | Margin | Limit        |
|-----------|---------|------------|--------------|--------|--------------|
| MHz       | Factor  | Level      | Level        |        |              |
|           | dB      | dB $\mu$ V | dB $\mu$ V/m | dB     | dB $\mu$ V/m |

#### Horizontal

##### Peak Detector

|         |         |        |        |         |        |
|---------|---------|--------|--------|---------|--------|
| 141.923 | -10.440 | 49.243 | 38.803 | -4.697  | 43.500 |
| 238.602 | -7.221  | 40.288 | 33.067 | -12.933 | 46.000 |
| 337.841 | -3.900  | 41.567 | 37.667 | -8.333  | 46.000 |
| 451.294 | -1.677  | 34.545 | 32.868 | -13.132 | 46.000 |
| 624.163 | 1.908   | 30.926 | 32.834 | -13.166 | 46.000 |
| 791.423 | 5.216   | 24.650 | 29.866 | -16.134 | 46.000 |

#### Vertical

##### Peak Detector

|         |        |        |        |         |        |
|---------|--------|--------|--------|---------|--------|
| 118.722 | -3.423 | 41.132 | 37.709 | -5.791  | 43.500 |
| 325.453 | -5.729 | 41.318 | 35.589 | -10.411 | 46.000 |
| 494.162 | -2.286 | 31.411 | 29.125 | -16.875 | 46.000 |
| 624.384 | -2.580 | 30.646 | 28.066 | -17.934 | 46.000 |
| 816.201 | 3.235  | 27.457 | 30.692 | -15.308 | 46.000 |
| 960.913 | 7.213  | 23.908 | 31.121 | -22.879 | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

| Frequency<br>MHz     | Correct<br>Factor<br>dB | Reading<br>Level<br>dBμV | Measurement<br>Level<br>dBμV/m | Margin<br>dB | Limit<br>dBμV/m |
|----------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>    |                         |                          |                                |              |                 |
| <b>Peak Detector</b> |                         |                          |                                |              |                 |
| 166.275              | -11.009                 | 45.576                   | 34.567                         | -8.933       | 43.500          |
| 300.411              | -3.521                  | 37.766                   | 34.245                         | -11.755      | 46.000          |
| 417.605              | -3.234                  | 37.651                   | 34.417                         | -11.583      | 46.000          |
| 529.133              | 1.850                   | 32.453                   | 34.303                         | -11.697      | 46.000          |
| 678.391              | 2.884                   | 34.179                   | 37.063                         | -8.937       | 46.000          |
| 841.064              | 5.204                   | 26.580                   | 31.784                         | -14.216      | 46.000          |
| <b>Vertical</b>      |                         |                          |                                |              |                 |
| <b>Peak Detector</b> |                         |                          |                                |              |                 |
| 166.171              | -7.817                  | 45.626                   | 37.809                         | -5.691       | 43.500          |
| 337.921              | -4.364                  | 42.147                   | 37.783                         | -8.217       | 46.000          |
| 510.651              | -0.178                  | 32.704                   | 32.526                         | -13.474      | 46.000          |
| 721.480              | -0.098                  | 27.928                   | 27.830                         | -18.170      | 46.000          |
| 841.393              | 2.993                   | 28.002                   | 30.995                         | -15.005      | 46.000          |
| 969.202              | 8.191                   | 23.861                   | 32.052                         | -21.948      | 54.000          |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.



Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5755MHz)

| Frequency            | Correct | Reading | Measurement | Margin  | Limit  |
|----------------------|---------|---------|-------------|---------|--------|
| MHz                  | Factor  | Level   | Level       |         |        |
|                      | dB      | dBμV    | dBμV/m      | dB      | dBμV/m |
| <b>Horizontal</b>    |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 165.361              | -11.138 | 45.978  | 34.840      | -8.660  | 43.500 |
| 300.142              | -3.545  | 38.489  | 34.944      | -11.056 | 46.000 |
| 417.685              | -3.234  | 38.200  | 34.966      | -11.034 | 46.000 |
| 529.834              | 1.858   | 32.858  | 34.716      | -11.284 | 46.000 |
| 680.411              | 2.866   | 30.452  | 33.318      | -12.682 | 46.000 |
| 816.264              | 5.350   | 27.585  | 32.935      | -13.065 | 46.000 |
| <b>Vertical</b>      |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 118.731              | -3.423  | 40.659  | 37.236      | -6.264  | 43.500 |
| 240.162              | -8.518  | 41.019  | 32.501      | -13.499 | 46.000 |
| 337.581              | -4.428  | 41.146  | 36.718      | -9.282  | 46.000 |
| 527.914              | -0.452  | 32.922  | 32.470      | -13.530 | 46.000 |
| 673.842              | -0.580  | 35.333  | 34.753      | -11.247 | 46.000 |
| 816.264              | 3.237   | 27.434  | 30.671      | -15.329 | 46.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

| Frequency            | Correct | Reading | Measurement | Margin  | Limit  |
|----------------------|---------|---------|-------------|---------|--------|
| MHz                  | Factor  | Level   | Level       |         |        |
|                      | dB      | dBμV    | dBμV/m      | dB      | dBμV/m |
| <b>Horizontal</b>    |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 308.973              | -3.652  | 39.207  | 35.555      | -10.445 | 46.000 |
| 399.421              | -2.276  | 36.373  | 34.097      | -11.903 | 46.000 |
| 500.614              | 0.103   | 30.768  | 30.871      | -15.129 | 46.000 |
| 599.183              | 3.985   | 25.987  | 29.972      | -16.028 | 46.000 |
| 667.292              | 2.024   | 30.857  | 32.881      | -13.119 | 46.000 |
| 797.841              | 5.150   | 25.331  | 30.481      | -15.519 | 46.000 |
| <b>Vertical</b>      |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 108.741              | -0.373  | 32.949  | 32.576      | -10.924 | 43.500 |
| 211.623              | -7.939  | 39.148  | 31.209      | -12.291 | 43.500 |
| 332.901              | -4.916  | 35.351  | 30.435      | -15.565 | 46.000 |
| 500.175              | -0.799  | 31.943  | 31.144      | -14.856 | 46.000 |
| 624.361              | -2.581  | 29.168  | 26.587      | -19.413 | 46.000 |
| 867.483              | 0.641   | 34.128  | 34.769      | -11.231 | 46.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5785MHz)

| Frequency            | Correct | Reading | Measurement | Margin  | Limit  |
|----------------------|---------|---------|-------------|---------|--------|
| MHz                  | Factor  | Level   | Level       |         |        |
|                      | dB      | dBμV    | dBμV/m      | dB      | dBμV/m |
| <b>Horizontal</b>    |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 141.926              | -10.440 | 49.017  | 38.577      | -4.923  | 43.500 |
| 238.595              | -7.221  | 39.979  | 32.758      | -13.242 | 46.000 |
| 337.834              | -3.900  | 41.268  | 37.368      | -8.632  | 46.000 |
| 451.285              | -1.677  | 33.677  | 32.000      | -14.000 | 46.000 |
| 624.164              | 1.908   | 30.232  | 32.140      | -13.860 | 46.000 |
| 791.425              | 5.216   | 24.379  | 29.595      | -16.405 | 46.000 |
| <b>Vertical</b>      |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 118.713              | -3.423  | 40.321  | 36.898      | -6.602  | 43.500 |
| 325.445              | -5.729  | 40.360  | 34.631      | -11.369 | 46.000 |
| 494.155              | -2.286  | 30.577  | 28.291      | -17.709 | 46.000 |
| 624.384              | -2.580  | 30.599  | 28.019      | -17.981 | 46.000 |
| 816.195              | 3.235   | 27.109  | 30.344      | -15.656 | 46.000 |
| 960.913              | 7.213   | 23.567  | 30.780      | -23.220 | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

| Frequency<br>MHz     | Correct<br>Factor<br>dB | Reading<br>Level<br>dBμV | Measurement<br>Level<br>dBμV/m | Margin<br>dB | Limit<br>dBμV/m |
|----------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>    |                         |                          |                                |              |                 |
| <b>Peak Detector</b> |                         |                          |                                |              |                 |
| 166.270              | -11.009                 | 45.236                   | 34.227                         | -9.273       | 43.500          |
| 300.414              | -3.521                  | 37.765                   | 34.244                         | -11.756      | 46.000          |
| 417.596              | -3.234                  | 36.920                   | 33.686                         | -12.314      | 46.000          |
| 529.135              | 1.850                   | 31.714                   | 33.564                         | -12.436      | 46.000          |
| 678.384              | 2.884                   | 33.720                   | 36.604                         | -9.396       | 46.000          |
| 841.055              | 5.204                   | 25.888                   | 31.092                         | -14.908      | 46.000          |
| <b>Vertical</b>      |                         |                          |                                |              |                 |
| <b>Peak Detector</b> |                         |                          |                                |              |                 |
| 166.173              | -7.817                  | 44.828                   | 37.011                         | -6.489       | 43.500          |
| 337.925              | -4.364                  | 42.029                   | 37.665                         | -8.335       | 46.000          |
| 510.643              | -0.178                  | 32.689                   | 32.511                         | -13.489      | 46.000          |
| 721.482              | -0.098                  | 27.779                   | 27.681                         | -18.319      | 46.000          |
| 841.384              | 2.993                   | 27.708                   | 30.701                         | -15.299      | 46.000          |
| 969.197              | 8.191                   | 23.793                   | 31.984                         | -22.016      | 54.000          |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5755MHz)

| Frequency            | Correct | Reading | Measurement | Margin  | Limit  |
|----------------------|---------|---------|-------------|---------|--------|
| MHz                  | Factor  | Level   | Level       |         |        |
|                      | dB      | dBμV    | dBμV/m      | dB      | dBμV/m |
| <b>Horizontal</b>    |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 165.363              | -11.138 | 45.342  | 34.204      | -9.296  | 43.500 |
| 300.134              | -3.545  | 37.727  | 34.182      | -11.818 | 46.000 |
| 417.687              | -3.234  | 37.675  | 34.441      | -11.559 | 46.000 |
| 529.827              | 1.858   | 31.861  | 33.719      | -12.281 | 46.000 |
| 680.415              | 2.866   | 29.466  | 32.332      | -13.668 | 46.000 |
| 816.255              | 5.350   | 26.713  | 32.063      | -13.937 | 46.000 |
| <b>Vertical</b>      |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 118.725              | -3.423  | 39.931  | 36.508      | -6.992  | 43.500 |
| 240.153              | -8.518  | 40.272  | 31.754      | -14.246 | 46.000 |
| 337.573              | -4.428  | 41.100  | 36.672      | -9.328  | 46.000 |
| 527.915              | -0.452  | 32.728  | 32.276      | -13.724 | 46.000 |
| 673.835              | -0.580  | 34.721  | 34.141      | -11.859 | 46.000 |
| 816.255              | 3.237   | 26.812  | 30.049      | -15.951 | 46.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

| Frequency            | Correct | Reading | Measurement | Margin  | Limit  |
|----------------------|---------|---------|-------------|---------|--------|
| MHz                  | Factor  | Level   | Level       |         |        |
|                      | dB      | dBμV    | dBμV/m      | dB      | dBμV/m |
| <b>Horizontal</b>    |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 308.968              | -3.652  | 38.382  | 34.730      | -11.270 | 46.000 |
| 399.425              | -2.276  | 36.151  | 33.875      | -12.125 | 46.000 |
| 500.615              | 0.103   | 30.020  | 30.123      | -15.877 | 46.000 |
| 599.175              | 3.985   | 25.796  | 29.781      | -16.219 | 46.000 |
| 667.293              | 2.024   | 29.927  | 31.951      | -14.049 | 46.000 |
| 797.835              | 5.150   | 25.330  | 30.480      | -15.520 | 46.000 |
| <b>Vertical</b>      |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 108.732              | -0.373  | 32.794  | 32.421      | -11.079 | 43.500 |
| 211.627              | -7.939  | 38.946  | 31.007      | -12.493 | 43.500 |
| 332.892              | -4.916  | 34.436  | 29.520      | -16.480 | 46.000 |
| 500.168              | -0.799  | 31.084  | 30.285      | -15.715 | 46.000 |
| 624.363              | -2.581  | 28.592  | 26.011      | -19.989 | 46.000 |
| 867.473              | 0.641   | 34.066  | 34.707      | -11.293 | 46.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5785MHz)

| Frequency            | Correct | Reading | Measurement | Margin  | Limit  |
|----------------------|---------|---------|-------------|---------|--------|
| MHz                  | Factor  | Level   | Level       |         |        |
|                      | dB      | dBμV    | dBμV/m      | dB      | dBμV/m |
| <b>Horizontal</b>    |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 166.269              | -11.009 | 44.055  | 33.046      | -10.454 | 43.500 |
| 300.408              | -3.521  | 35.102  | 31.581      | -14.419 | 46.000 |
| 417.586              | -3.234  | 34.406  | 31.172      | -14.828 | 46.000 |
| 529.115              | 1.850   | 29.749  | 31.599      | -14.401 | 46.000 |
| 678.385              | 2.884   | 31.289  | 34.173      | -11.827 | 46.000 |
| 841.052              | 5.204   | 23.731  | 28.935      | -17.065 | 46.000 |
| <b>Vertical</b>      |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 166.183              | -7.817  | 42.158  | 34.341      | -9.159  | 43.500 |
| 337.937              | -4.364  | 39.261  | 34.897      | -11.103 | 46.000 |
| 510.632              | -0.178  | 30.211  | 30.033      | -15.967 | 46.000 |
| 721.451              | -0.098  | 27.188  | 27.090      | -18.910 | 46.000 |
| 841.384              | 2.993   | 25.321  | 28.314      | -17.686 | 46.000 |
| 969.182              | 8.191   | 21.376  | 29.567      | -24.433 | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) (5755MHz)

| Frequency<br>MHz     | Correct<br>Factor<br>dB | Reading<br>Level<br>dBμV | Measurement<br>Level<br>dBμV/m | Margin<br>dB | Limit<br>dBμV/m |
|----------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>    |                         |                          |                                |              |                 |
| <b>Peak Detector</b> |                         |                          |                                |              |                 |
| 165.357              | -11.138                 | 42.472                   | 31.334                         | -12.166      | 43.500          |
| 300.121              | -3.545                  | 35.783                   | 32.238                         | -13.762      | 46.000          |
| 417.672              | -3.234                  | 36.669                   | 33.435                         | -12.565      | 46.000          |
| 529.815              | 1.858                   | 29.703                   | 31.561                         | -14.439      | 46.000          |
| 680.402              | 2.866                   | 27.991                   | 30.857                         | -15.143      | 46.000          |
| 816.247              | 5.350                   | 24.853                   | 30.203                         | -15.797      | 46.000          |
| <b>Vertical</b>      |                         |                          |                                |              |                 |
| <b>Peak Detector</b> |                         |                          |                                |              |                 |
| 118.714              | -3.423                  | 37.503                   | 34.080                         | -9.420       | 43.500          |
| 240.144              | -8.518                  | 38.071                   | 29.553                         | -16.447      | 46.000          |
| 337.572              | -4.428                  | 38.798                   | 34.370                         | -11.630      | 46.000          |
| 527.909              | -0.452                  | 31.280                   | 30.828                         | -15.172      | 46.000          |
| 673.825              | -0.580                  | 32.588                   | 32.008                         | -13.992      | 46.000          |
| 816.250              | 3.237                   | 24.578                   | 27.815                         | -18.185      | 46.000          |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.



Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

| Frequency            | Correct | Reading | Measurement | Margin  | Limit  |
|----------------------|---------|---------|-------------|---------|--------|
| MHz                  | Factor  | Level   | Level       |         |        |
|                      | dB      | dBμV    | dBμV/m      | dB      | dBμV/m |
| <b>Horizontal</b>    |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 308.964              | -3.652  | 36.799  | 33.147      | -12.853 | 46.000 |
| 399.403              | -2.276  | 34.403  | 32.127      | -13.873 | 46.000 |
| 500.612              | 0.103   | 28.130  | 28.233      | -17.767 | 46.000 |
| 599.168              | 3.985   | 24.609  | 28.594      | -17.406 | 46.000 |
| 667.290              | 2.024   | 28.354  | 30.378      | -15.622 | 46.000 |
| 797.814              | 5.150   | 23.281  | 28.431      | -17.569 | 46.000 |
| <b>Vertical</b>      |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 108.701              | -0.373  | 31.472  | 31.099      | -12.401 | 43.500 |
| 211.641              | -7.939  | 36.250  | 28.311      | -15.189 | 43.500 |
| 332.896              | -4.916  | 32.115  | 27.199      | -18.801 | 46.000 |
| 500.147              | -0.799  | 29.262  | 28.463      | -17.537 | 46.000 |
| 624.365              | -2.581  | 26.482  | 23.901      | -22.099 | 46.000 |
| 867.473              | 0.641   | 32.105  | 32.746      | -13.254 | 46.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5785MHz)

| Frequency            | Correct | Reading | Measurement | Margin  | Limit  |
|----------------------|---------|---------|-------------|---------|--------|
| MHz                  | Factor  | Level   | Level       |         |        |
|                      | dB      | dBμV    | dBμV/m      | dB      | dBμV/m |
| <b>Horizontal</b>    |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 166.269              | -11.009 | 44.422  | 33.413      | -10.087 | 43.500 |
| 300.413              | -3.521  | 35.564  | 32.043      | -13.957 | 46.000 |
| 417.591              | -3.234  | 34.657  | 31.423      | -14.577 | 46.000 |
| 529.113              | 1.850   | 30.570  | 32.420      | -13.580 | 46.000 |
| 678.391              | 2.884   | 31.519  | 34.403      | -11.597 | 46.000 |
| 841.047              | 5.204   | 23.979  | 29.183      | -16.817 | 46.000 |
| <b>Vertical</b>      |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 166.183              | -7.817  | 42.951  | 35.134      | -8.366  | 43.500 |
| 337.934              | -4.364  | 39.572  | 35.208      | -10.792 | 46.000 |
| 510.638              | -0.178  | 31.009  | 30.831      | -15.169 | 46.000 |
| 721.460              | -0.098  | 27.514  | 27.416      | -18.584 | 46.000 |
| 841.382              | 2.993   | 25.821  | 28.814      | -17.186 | 46.000 |
| 969.182              | 8.191   | 21.495  | 29.686      | -24.314 | 54.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps) (5755MHz)

| Frequency<br>MHz     | Correct<br>Factor<br>dB | Reading<br>Level<br>dBμV | Measurement<br>Level<br>dBμV/m | Margin<br>dB | Limit<br>dBμV/m |
|----------------------|-------------------------|--------------------------|--------------------------------|--------------|-----------------|
| <b>Horizontal</b>    |                         |                          |                                |              |                 |
| <b>Peak Detector</b> |                         |                          |                                |              |                 |
| 165.362              | -11.138                 | 43.203                   | 32.065                         | -11.435      | 43.500          |
| 300.129              | -3.545                  | 36.078                   | 32.533                         | -13.467      | 46.000          |
| 417.677              | -3.234                  | 37.272                   | 34.038                         | -11.962      | 46.000          |
| 529.814              | 1.858                   | 30.122                   | 31.980                         | -14.020      | 46.000          |
| 680.409              | 2.866                   | 28.919                   | 31.785                         | -14.215      | 46.000          |
| 816.253              | 5.350                   | 25.699                   | 31.049                         | -14.951      | 46.000          |
| <b>Vertical</b>      |                         |                          |                                |              |                 |
| <b>Peak Detector</b> |                         |                          |                                |              |                 |
| 118.710              | -3.423                  | 37.951                   | 34.528                         | -8.972       | 43.500          |
| 240.152              | -8.518                  | 38.884                   | 30.366                         | -15.634      | 46.000          |
| 337.570              | -4.428                  | 39.163                   | 34.735                         | -11.265      | 46.000          |
| 527.906              | -0.452                  | 31.469                   | 31.017                         | -14.983      | 46.000          |
| 673.820              | -0.580                  | 33.006                   | 32.426                         | -13.574      | 46.000          |
| 816.248              | 3.237                   | 24.672                   | 27.909                         | -18.091      | 46.000          |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : General Radiated Emission  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

| Frequency            | Correct | Reading | Measurement | Margin  | Limit  |
|----------------------|---------|---------|-------------|---------|--------|
| MHz                  | Factor  | Level   | Level       |         |        |
|                      | dB      | dBμV    | dBμV/m      | dB      | dBμV/m |
| <b>Horizontal</b>    |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 308.962              | -3.652  | 37.022  | 33.370      | -12.630 | 46.000 |
| 399.411              | -2.276  | 34.587  | 32.311      | -13.689 | 46.000 |
| 500.611              | 0.103   | 28.907  | 29.010      | -16.990 | 46.000 |
| 599.177              | 3.985   | 24.692  | 28.677      | -17.323 | 46.000 |
| 667.289              | 2.024   | 29.303  | 31.327      | -14.673 | 46.000 |
| 797.820              | 5.150   | 23.663  | 28.813      | -17.187 | 46.000 |
| <b>Vertical</b>      |         |         |             |         |        |
| <b>Peak Detector</b> |         |         |             |         |        |
| 108.706              | -0.373  | 31.703  | 31.330      | -12.170 | 43.500 |
| 211.637              | -7.939  | 36.934  | 28.995      | -14.505 | 43.500 |
| 332.901              | -4.916  | 32.571  | 27.655      | -18.345 | 46.000 |
| 500.155              | -0.799  | 29.592  | 28.793      | -17.207 | 46.000 |
| 624.362              | -2.581  | 26.725  | 24.144      | -21.856 | 46.000 |
| 867.482              | 0.641   | 32.683  | 33.324      | -12.676 | 46.000 |

Note:

1. All Readings below 1GHz are Quasi-Peak, 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. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

## 6. Band Edge

### 6.1. Test Equipment

#### RF Radiated Measurement:

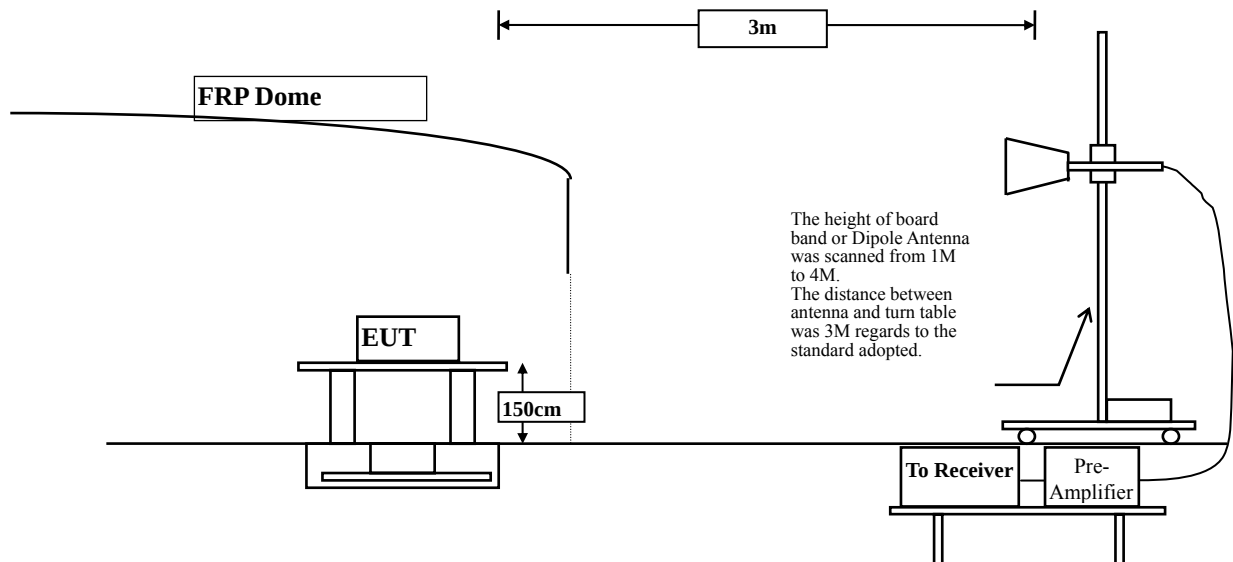
The following test equipments are used during the band edge tests:

| 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, 2015 |
|           | 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.

### 6.2. Test Setup

#### RF Radiated Measurement:



### 6.3. Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section.

Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

| <b>FCC Part 15 Subpart C Paragraph 15.209 Limits</b> |          |           |
|------------------------------------------------------|----------|-----------|
| Frequency<br>MHz                                     | uV/m @3m | dBuV/m@3m |
| 30-88                                                | 100      | 40        |
| 88-216                                               | 150      | 43.5      |
| 216-960                                              | 200      | 46        |
| Above 960                                            | 500      | 54        |

Remarks :

1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

### 6.4. Test Procedure

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table can rotate 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 can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10:2013 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 kHz, above 1GHz are 1 MHz.

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

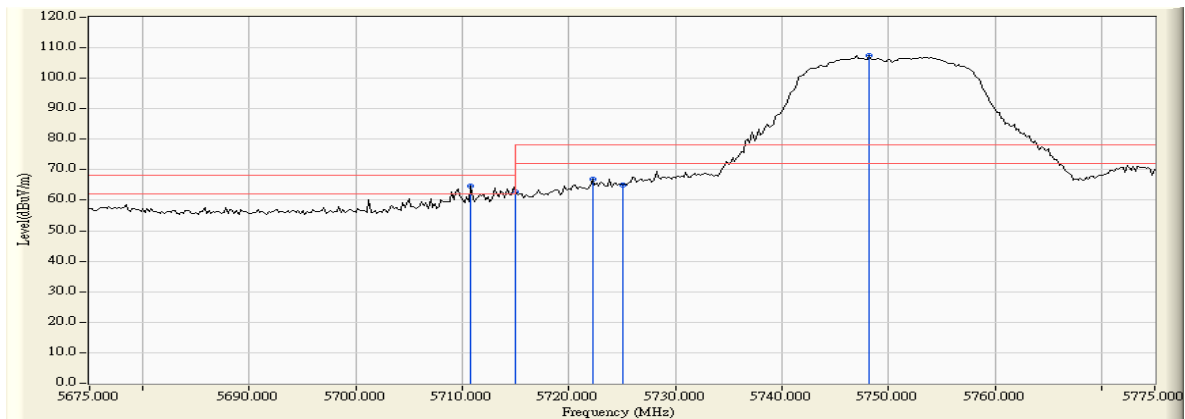
### 6.5. Uncertainty

± 3.8 dB below 1GHz

± 3.9 dB above 1GHz

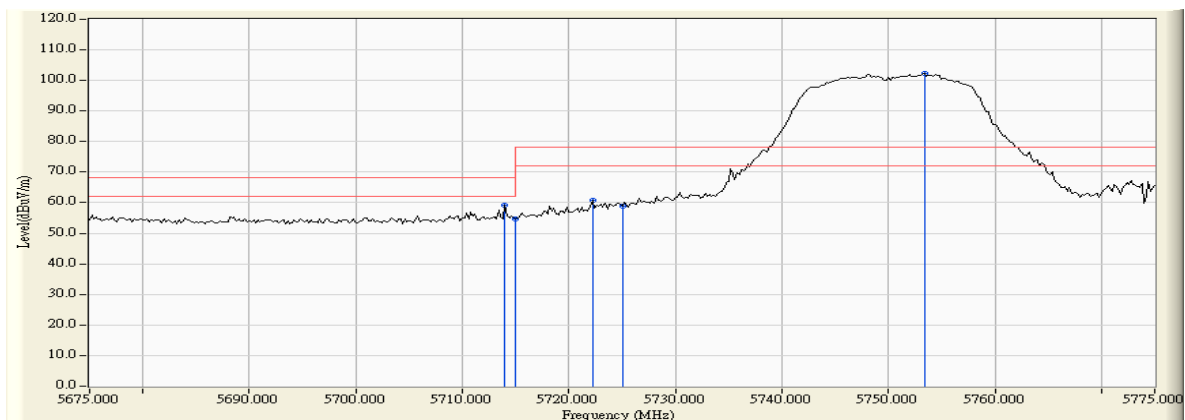
## 6.6. Test Result of Band Edge

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps)-Channel 149



### RF Radiated Measurement:

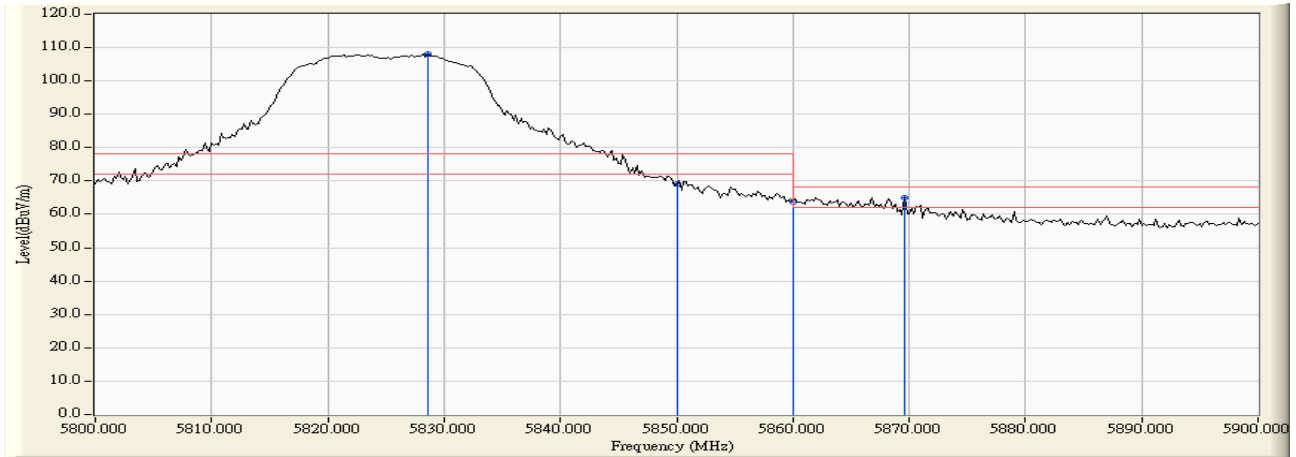
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5710.800        | 5.045               | 59.527               | 64.573                  | -3.647      | 68.220          | Pass   |
| Horizontal | 5715.000        | 5.063               | 57.633               | 62.696                  | -5.524      | 68.220          | Pass   |
| Horizontal | 5722.200        | 5.092               | 61.755               | 66.847                  | -11.373     | 78.220          | Pass   |
| Horizontal | 5725.000        | 5.104               | 59.989               | 65.092                  | -13.128     | 78.220          | Pass   |
| Horizontal | 5748.200        | 5.198               | 102.134              | 107.332                 | --          | --              | --     |



### RF Radiated Measurement:

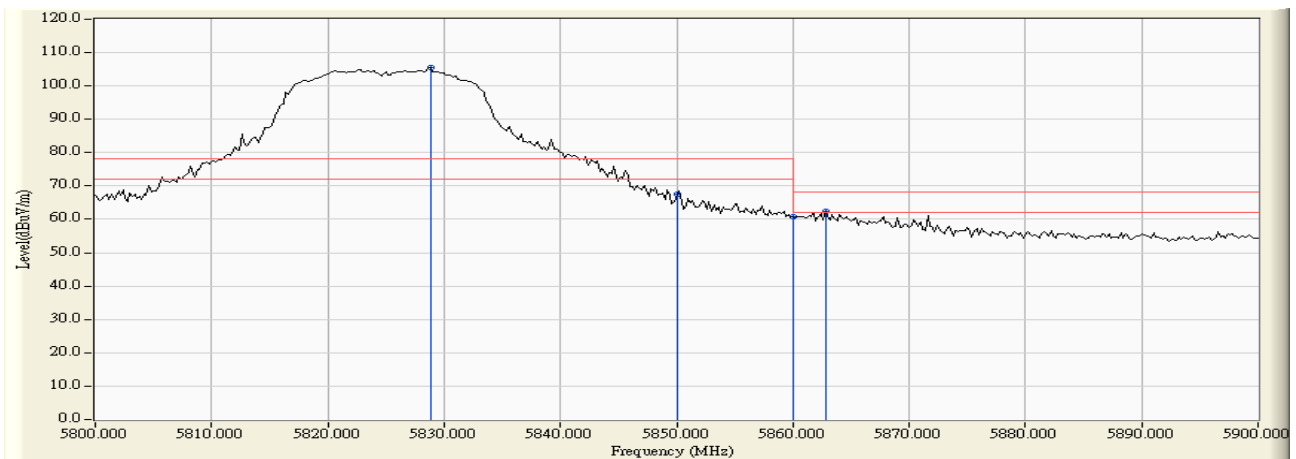
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5714.000        | 4.182               | 54.915               | 59.098                  | -9.122      | 68.220          | Pass   |
| Vertical | 5715.000        | 4.186               | 50.626               | 54.812                  | -13.408     | 68.220          | Pass   |
| Vertical | 5722.200        | 4.206               | 56.440               | 60.647                  | -17.573     | 78.220          | Pass   |
| Vertical | 5725.000        | 4.215               | 54.676               | 58.891                  | -19.329     | 78.220          | Pass   |
| Vertical | 5753.400        | 4.295               | 98.118               | 102.413                 | --          | --              | --     |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps)-Channel 165



**RF Radiated Measurement:**

|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5828.600        | 5.565               | 102.687              | 108.252                 | --          | --              | --     |
| Horizontal | 5850.000        | 5.715               | 63.568               | 69.283                  | -8.937      | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.798               | 57.875               | 63.673                  | -4.547      | 68.220          | Pass   |
| Horizontal | 5869.600        | 5.884               | 59.173               | 65.056                  | -3.164      | 68.220          | Pass   |

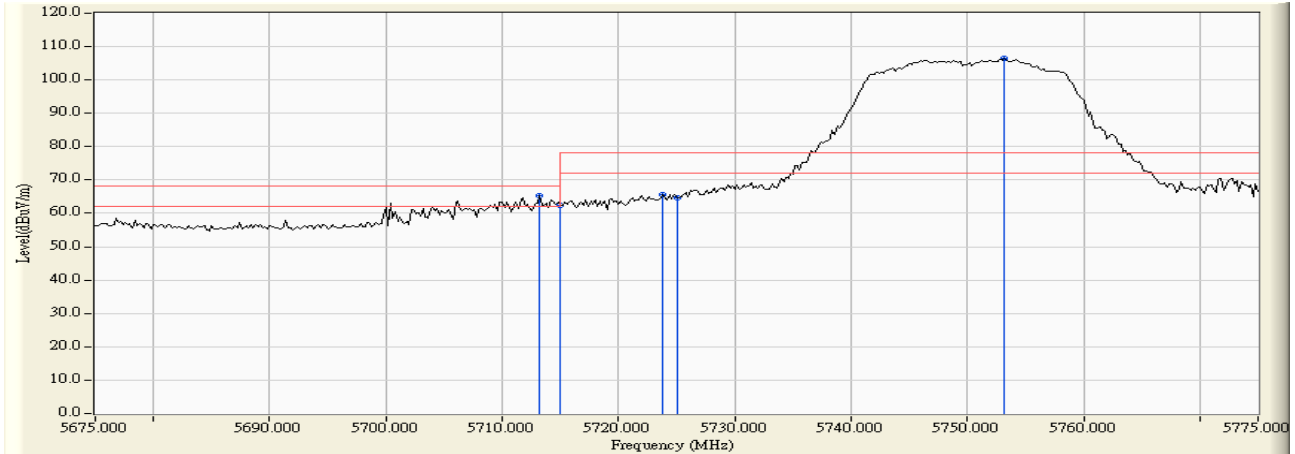


**RF Radiated Measurement:**

|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5828.800        | 4.276               | 101.217              | 105.493                 | --          | --              | --     |
| Vertical | 5850.000        | 4.194               | 63.349               | 67.543                  | -10.677     | 78.220          | Pass   |
| Vertical | 5860.000        | 4.168               | 56.737               | 60.905                  | -7.315      | 68.220          | Pass   |
| Vertical | 5862.800        | 4.161               | 58.372               | 62.533                  | -5.687      | 68.220          | Pass   |

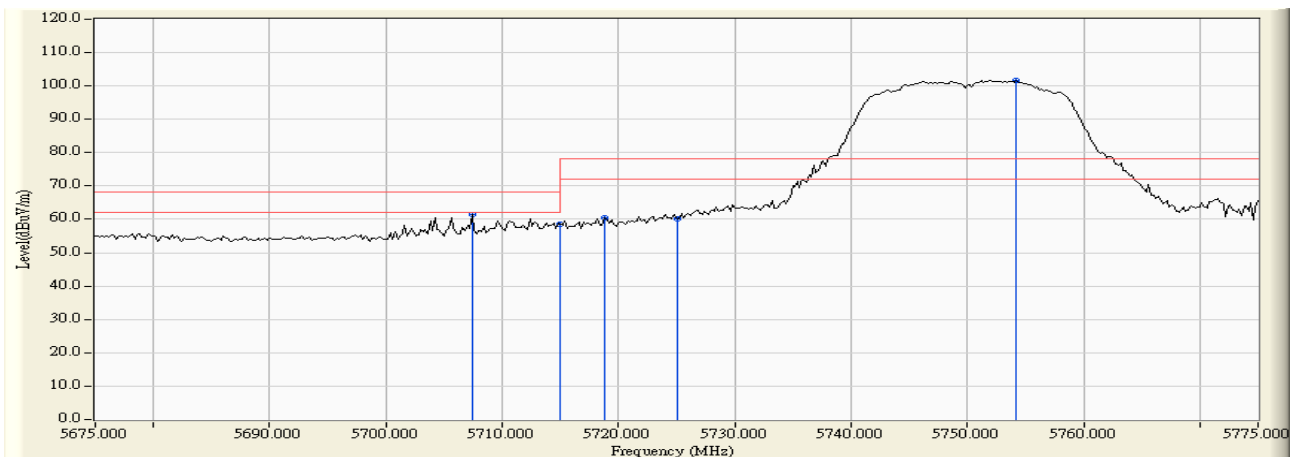


Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) -Channel 149



#### RF Radiated Measurement:

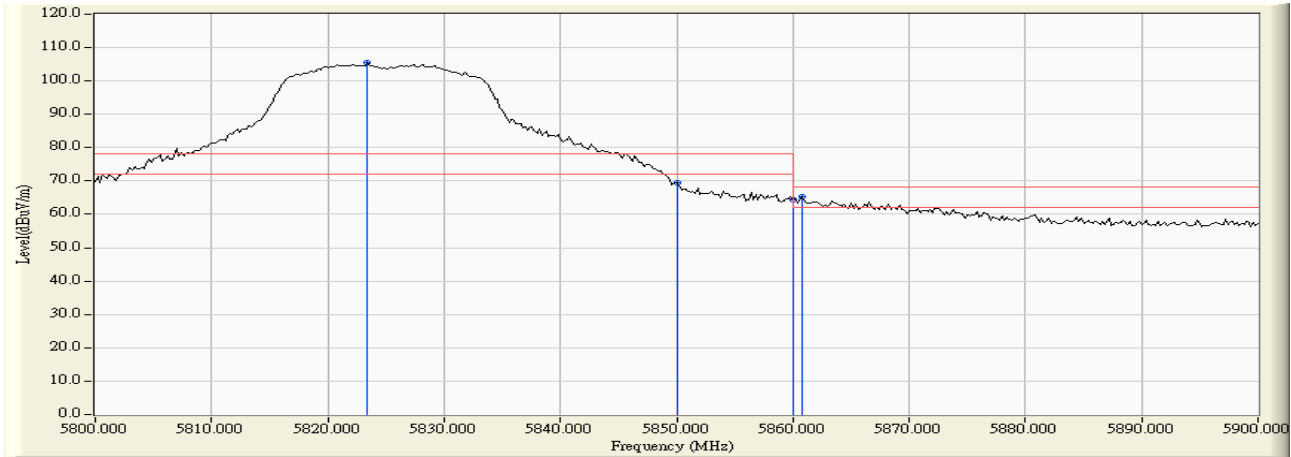
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5713.200        | 5.055               | 60.292               | 65.348                  | -2.872      | 68.220          | Pass   |
| Horizontal | 5715.000        | 5.063               | 57.372               | 62.435                  | -5.785      | 68.220          | Pass   |
| Horizontal | 5723.800        | 5.098               | 60.405               | 65.504                  | -12.716     | 78.220          | Pass   |
| Horizontal | 5725.000        | 5.104               | 59.579               | 64.682                  | -13.538     | 78.220          | Pass   |
| Horizontal | 5753.200        | 5.216               | 101.147              | 106.363                 | --          | --              | --     |



#### RF Radiated Measurement:

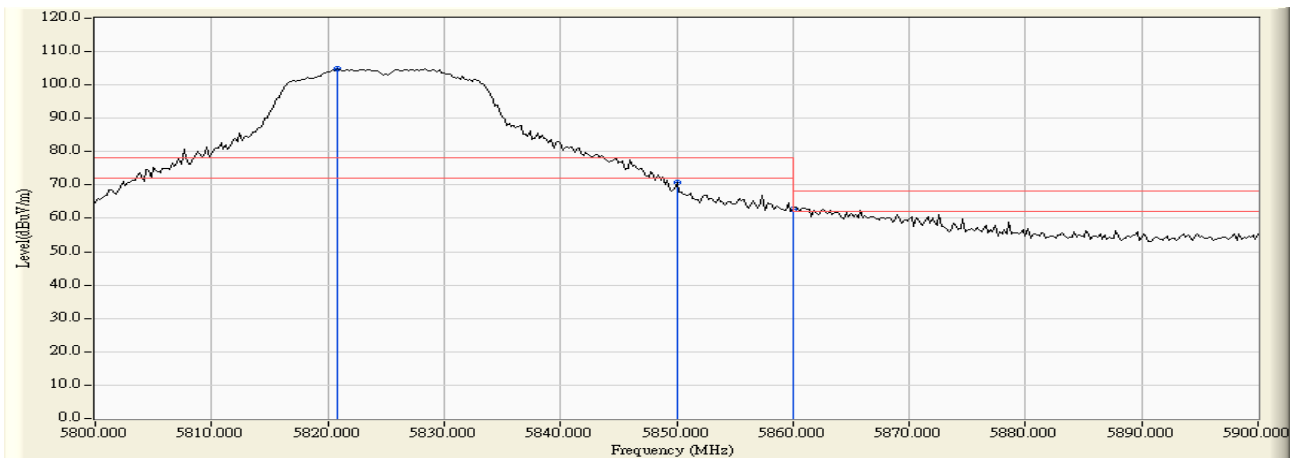
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5707.400        | 4.170               | 57.207               | 61.377                  | -6.843      | 68.220          | Pass   |
| Vertical | 5715.000        | 4.186               | 54.517               | 58.703                  | -9.517      | 68.220          | Pass   |
| Vertical | 5718.800        | 4.197               | 56.302               | 60.499                  | -17.721     | 78.220          | Pass   |
| Vertical | 5725.000        | 4.215               | 56.094               | 60.309                  | -17.911     | 78.220          | Pass   |
| Vertical | 5754.200        | 4.297               | 97.448               | 101.745                 | --          | --              | --     |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) -Channel 165



#### RF Radiated Measurement:

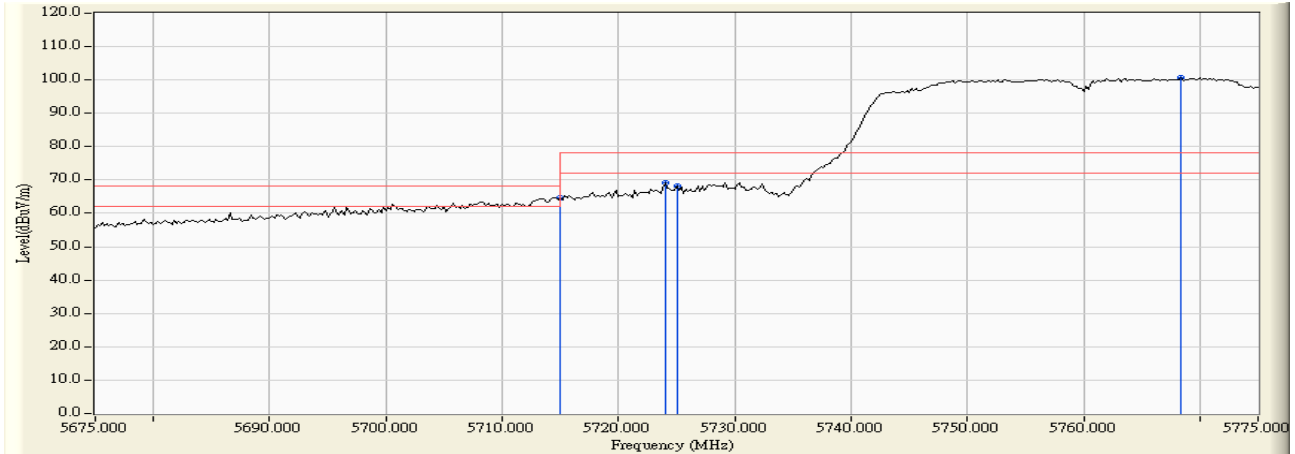
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuv) | Measure Level (dBuv /m) | Margin (dB) | Limit (dBuv /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5823.400        | 5.530               | 99.849               | 105.379                 | --          | --              | --     |
| Horizontal | 5850.000        | 5.715               | 63.650               | 69.365                  | -8.855      | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.798               | 58.565               | 64.363                  | -3.857      | 68.220          | Pass   |
| Horizontal | 5860.800        | 5.805               | 59.566               | 65.371                  | -2.849      | 68.220          | Pass   |



#### RF Radiated Measurement:

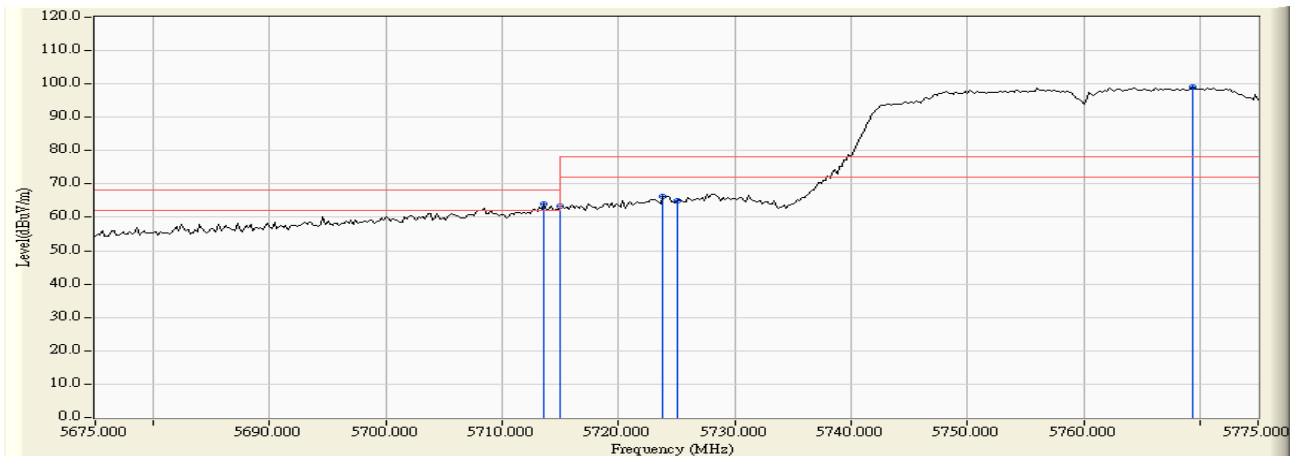
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuv) | Measure Level (dBuv /m) | Margin (dB) | Limit (dBuv /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5820.800        | 4.310               | 100.522              | 104.832                 | --          | --              | --     |
| Vertical | 5850.000        | 4.194               | 66.516               | 70.710                  | -7.510      | 78.220          | Pass   |
| Vertical | 5860.000        | 4.168               | 58.538               | 62.706                  | -5.514      | 68.220          | Pass   |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) -Channel 151



#### RF Radiated Measurement :

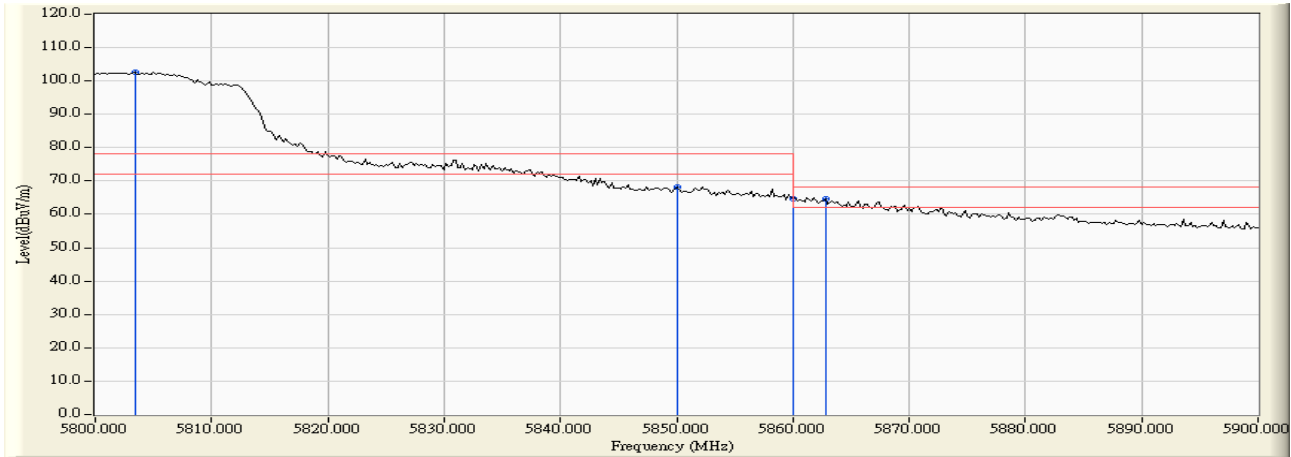
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5715.000        | 5.063               | 59.504               | 64.567                  | -3.653      | 68.220          | Pass   |
| Horizontal | 5724.000        | 5.099               | 64.098               | 69.197                  | -9.023      | 78.220          | Pass   |
| Horizontal | 5725.000        | 5.104               | 62.946               | 68.049                  | -10.171     | 78.220          | Pass   |
| Horizontal | 5768.400        | 5.268               | 95.354               | 100.623                 | --          | --              | --     |



#### RF Radiated Measurement:

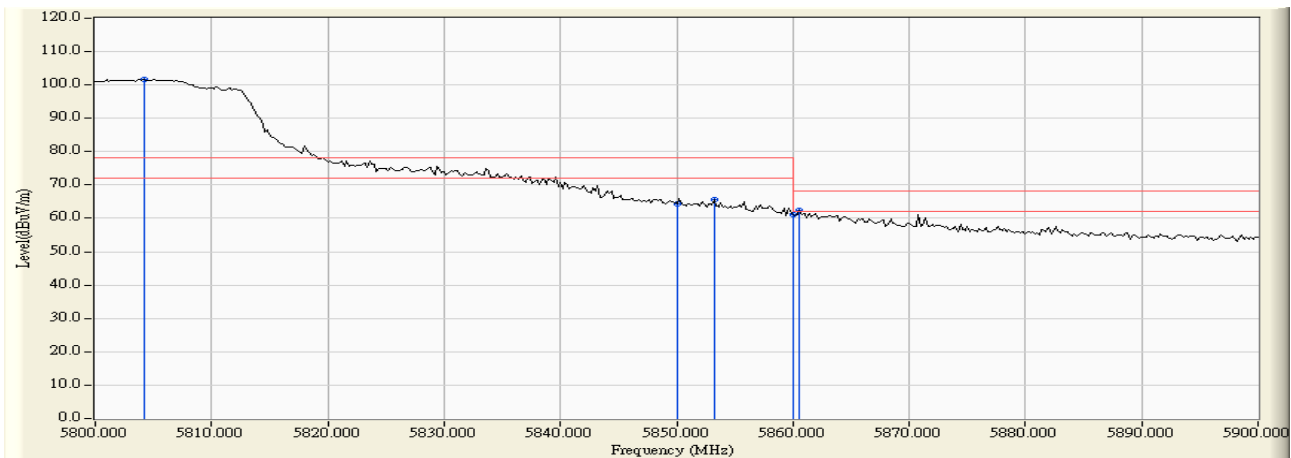
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5713.600        | 4.182               | 59.709               | 63.891                  | -4.329      | 68.220          | Pass   |
| Vertical | 5715.000        | 4.186               | 59.295               | 63.481                  | -4.739      | 68.220          | Pass   |
| Vertical | 5723.800        | 4.211               | 61.964               | 66.175                  | -12.045     | 78.220          | Pass   |
| Vertical | 5725.000        | 4.215               | 60.897               | 65.112                  | -13.108     | 78.220          | Pass   |
| Vertical | 5769.400        | 4.332               | 94.603               | 98.935                  | --          | --              | --     |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) -Channel 159



**RF Radiated Measurement:**

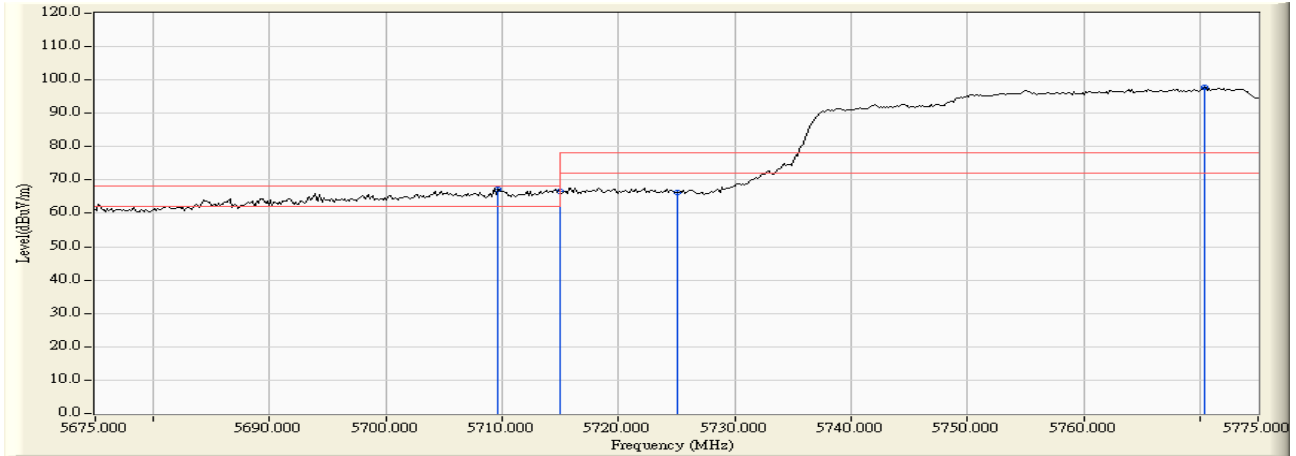
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuv) | Measure Level (dBuv /m) | Margin (dB) | Limit (dBuv /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5803.400        | 5.406               | 97.355               | 102.760                 | --          | --              | --     |
| Horizontal | 5850.000        | 5.715               | 62.340               | 68.055                  | -10.165     | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.798               | 58.954               | 64.752                  | -3.468      | 68.220          | Pass   |
| Horizontal | 5862.800        | 5.822               | 58.961               | 64.783                  | -3.437      | 68.220          | Pass   |



**RF Radiated Measurement:**

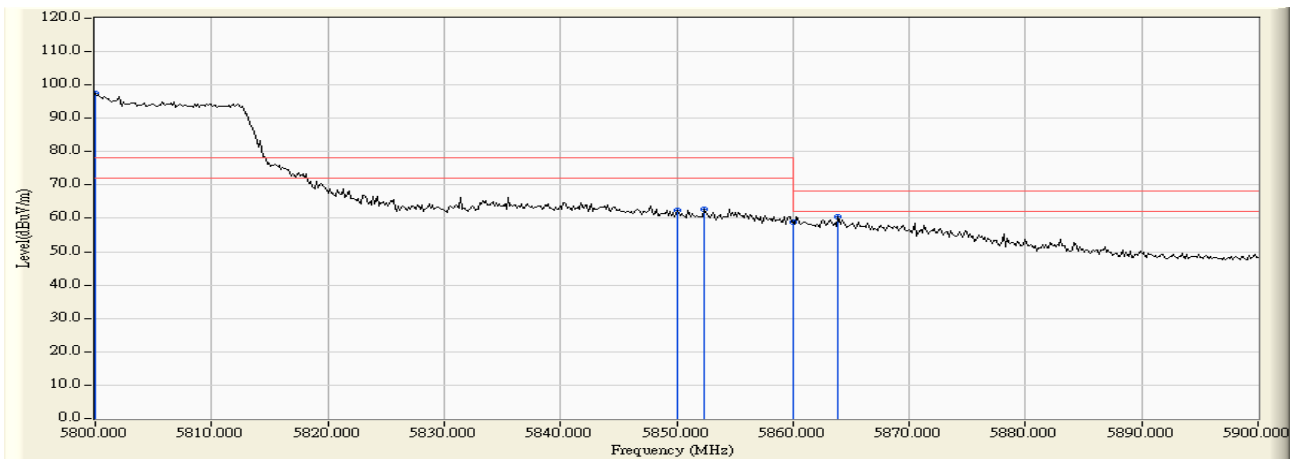
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuv) | Measure Level (dBuv /m) | Margin (dB) | Limit (dBuv /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5804.200        | 4.364               | 97.437               | 101.801                 | --          | --              | --     |
| Vertical | 5850.000        | 4.194               | 60.084               | 64.278                  | -13.942     | 78.220          | Pass   |
| Vertical | 5853.200        | 4.186               | 61.290               | 65.476                  | -12.744     | 78.220          | Pass   |
| Vertical | 5860.000        | 4.168               | 57.114               | 61.282                  | -6.938      | 68.220          | Pass   |
| Vertical | 5860.600        | 4.167               | 58.119               | 62.285                  | -5.935      | 68.220          | Pass   |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps)-Channel 155



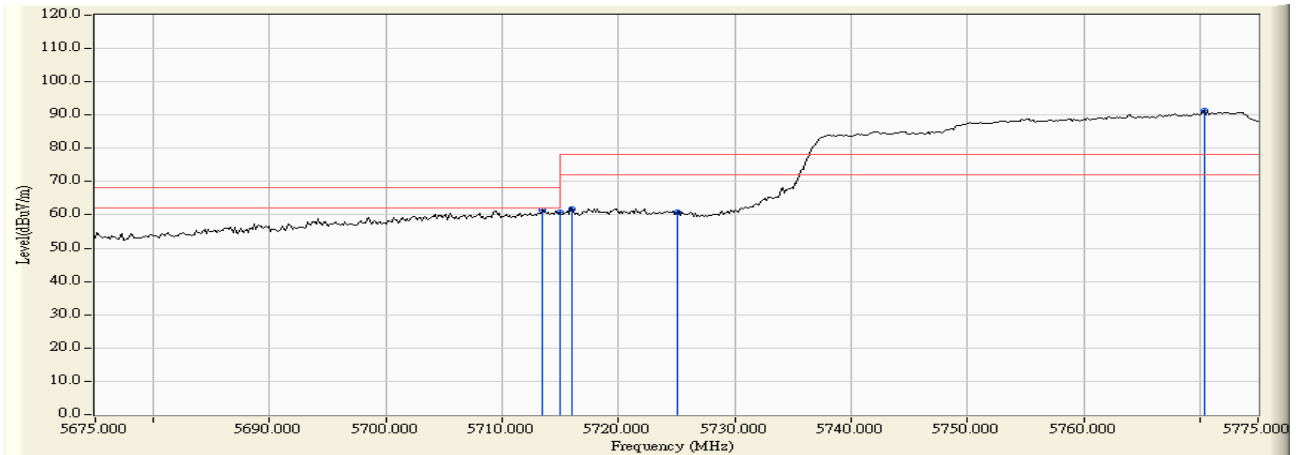
#### RF Radiated Measurement:

|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5709.638        | 4.650               | 62.635               | 67.286                  | -0.934      | 68.220          | Pass   |
| Horizontal | 5715.000        | 4.652               | 61.922               | 66.574                  | -1.646      | 68.220          | Pass   |
| Horizontal | 5725.000        | 4.654               | 61.636               | 66.290                  | -11.930     | 78.220          | Pass   |
| Horizontal | 5770.362        | 4.660               | 93.209               | 97.869                  | --          | --              | --     |



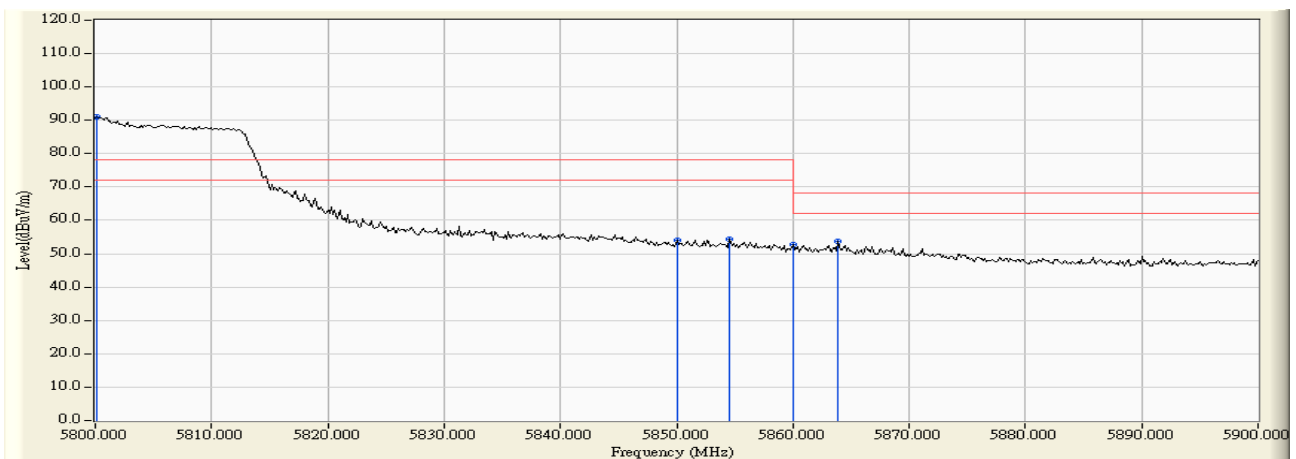
#### RF Radiated Measurement:

|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5800.000        | 4.683               | 92.694               | 97.377                  | --          | --              | --     |
| Horizontal | 5850.000        | 4.964               | 57.447               | 62.411                  | -15.809     | 78.220          | Pass   |
| Horizontal | 5852.319        | 4.978               | 57.704               | 62.681                  | -15.539     | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.023               | 54.011               | 59.034                  | -9.186      | 68.220          | Pass   |
| Horizontal | 5863.913        | 5.046               | 55.483               | 60.529                  | -7.691      | 68.220          | Pass   |



**RF Radiated Measurement:**

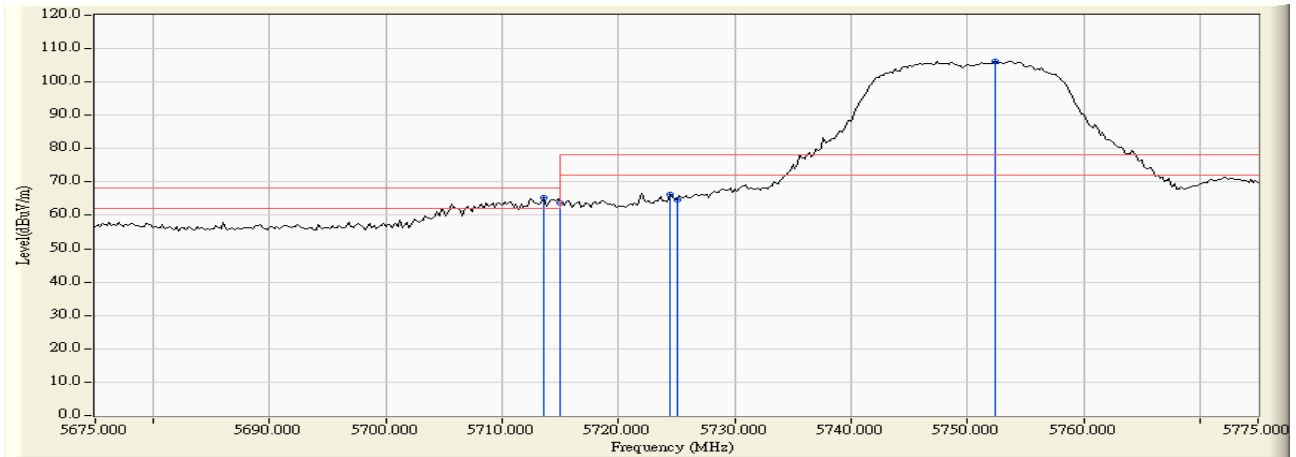
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5713.406        | 5.993               | 55.385               | 61.379                  | -6.841      | 68.220          | Pass   |
| Vertical | 5715.000        | 5.994               | 54.682               | 60.676                  | -7.544      | 68.220          | Pass   |
| Vertical | 5716.014        | 5.994               | 55.865               | 61.859                  | -16.361     | 78.220          | Pass   |
| Vertical | 5725.000        | 5.992               | 54.782               | 60.775                  | -17.445     | 78.220          | Pass   |
| Vertical | 5770.362        | 5.983               | 85.289               | 91.272                  | --          | --              | --     |



**RF Radiated Measurement:**

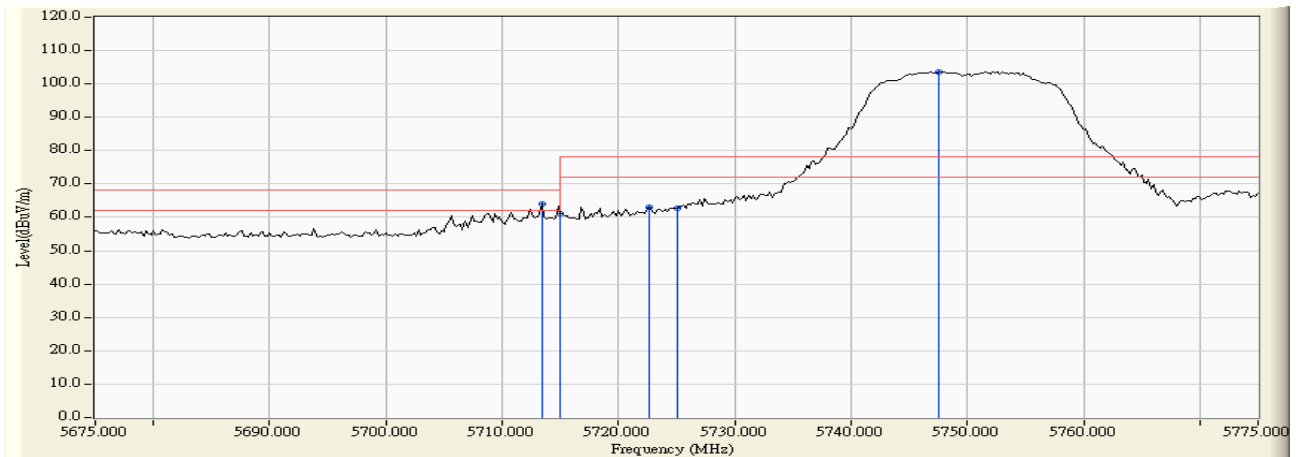
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5800.145        | 5.979               | 85.018               | 90.997                  | --          | --              | --     |
| Vertical | 5850.000        | 6.037               | 48.112               | 54.149                  | -24.071     | 78.220          | Pass   |
| Vertical | 5854.493        | 6.042               | 48.437               | 54.478                  | -23.742     | 78.220          | Pass   |
| Vertical | 5860.000        | 6.047               | 46.641               | 52.688                  | -15.532     | 68.220          | Pass   |
| Vertical | 5863.913        | 6.052               | 47.787               | 53.838                  | -14.382     | 68.220          | Pass   |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps)-Channel 149



**RF Radiated Measurement:**

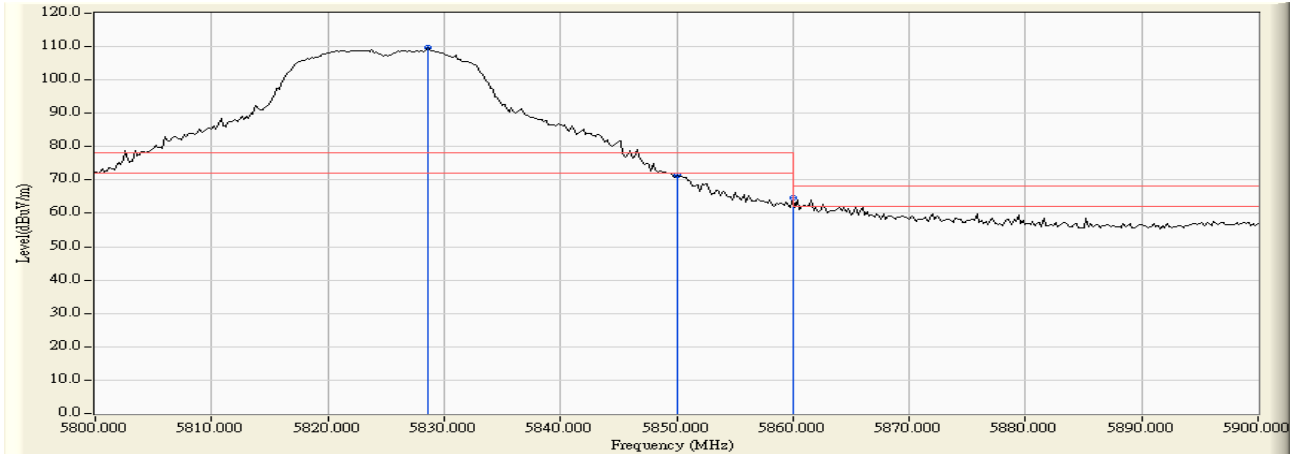
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5713.600        | 5.058               | 60.358               | 65.415                  | -2.805      | 68.220          | Pass   |
| Horizontal | 5715.000        | 5.063               | 58.512               | 63.575                  | -4.645      | 68.220          | Pass   |
| Horizontal | 5724.400        | 5.101               | 61.265               | 66.366                  | -11.854     | 78.220          | Pass   |
| Horizontal | 5725.000        | 5.104               | 59.607               | 64.710                  | -13.510     | 78.220          | Pass   |
| Horizontal | 5752.400        | 5.213               | 101.063              | 106.276                 | --          | --              | --     |



**RF Radiated Measurement:**

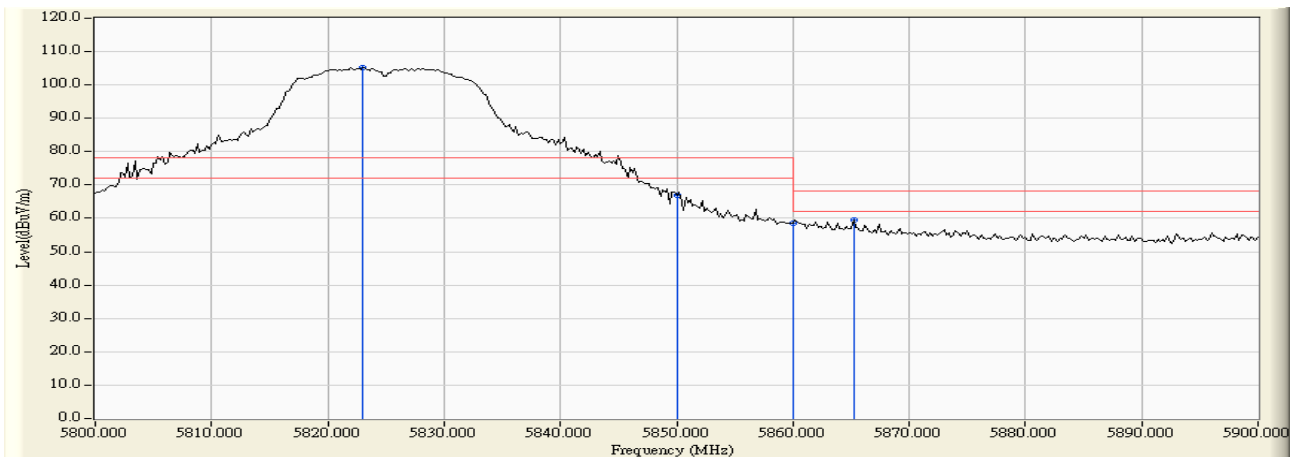
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5713.400        | 4.181               | 59.771               | 63.952                  | -4.268      | 68.220          | Pass   |
| Vertical | 5715.000        | 4.186               | 56.916               | 61.102                  | -7.118      | 68.220          | Pass   |
| Vertical | 5722.600        | 4.207               | 58.802               | 63.010                  | -15.210     | 78.220          | Pass   |
| Vertical | 5725.000        | 4.215               | 58.573               | 62.788                  | -15.432     | 78.220          | Pass   |
| Vertical | 5747.600        | 4.280               | 99.306               | 103.586                 | --          | --              | --     |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps)-Channel 165



**RF Radiated Measurement:**

|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5828.600        | 5.565               | 104.043              | 109.608                 | --          | --              | --     |
| Horizontal | 5850.000        | 5.715               | 65.711               | 71.426                  | -6.794      | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.798               | 59.025               | 64.823                  | -3.397      | 68.220          | Pass   |

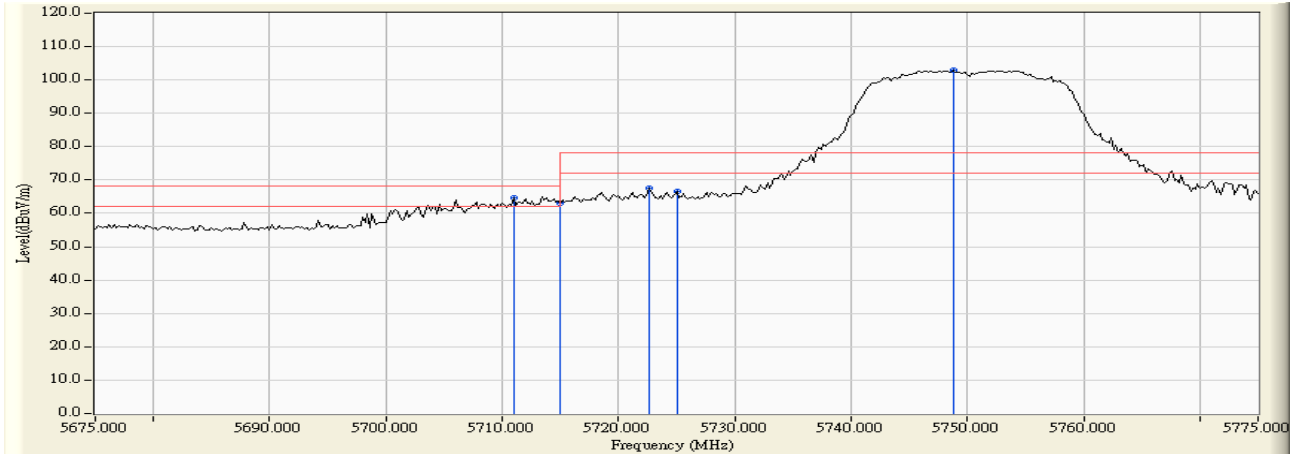


**RF Radiated Measurement:**

|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5823.000        | 4.301               | 100.790              | 105.091                 | --          | --              | --     |
| Vertical | 5850.000        | 4.194               | 62.762               | 66.956                  | -11.264     | 78.220          | Pass   |
| Vertical | 5860.000        | 4.168               | 54.226               | 58.394                  | -9.826      | 68.220          | Pass   |
| Vertical | 5865.200        | 4.156               | 55.485               | 59.641                  | -8.579      | 68.220          | Pass   |

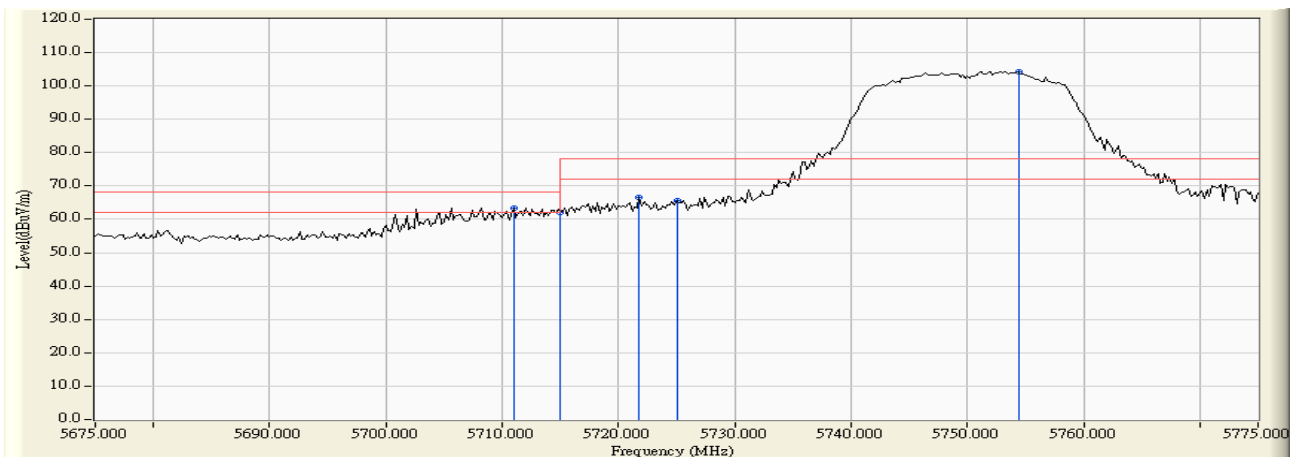


Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) -Channel 149



**RF Radiated Measurement:**

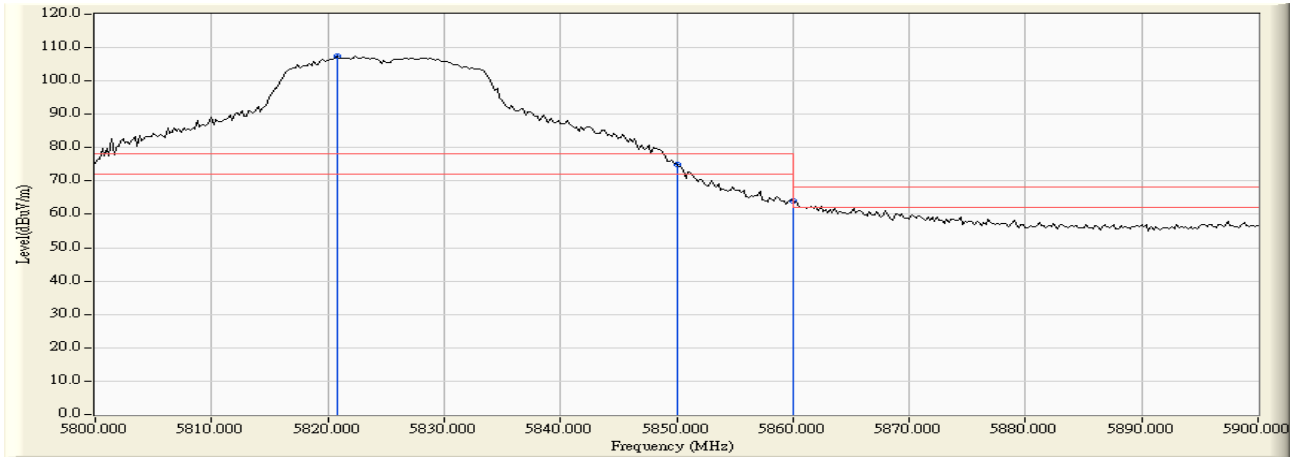
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5711.000        | 5.047               | 59.713               | 64.760                  | -3.460      | 68.220          | Pass   |
| Horizontal | 5715.000        | 5.063               | 57.869               | 62.932                  | -5.288      | 68.220          | Pass   |
| Horizontal | 5722.600        | 5.093               | 62.471               | 67.565                  | -10.655     | 78.220          | Pass   |
| Horizontal | 5725.000        | 5.104               | 61.479               | 66.582                  | -11.638     | 78.220          | Pass   |
| Horizontal | 5748.800        | 5.199               | 97.697               | 102.897                 | --          | --              | --     |



**RF Radiated Measurement:**

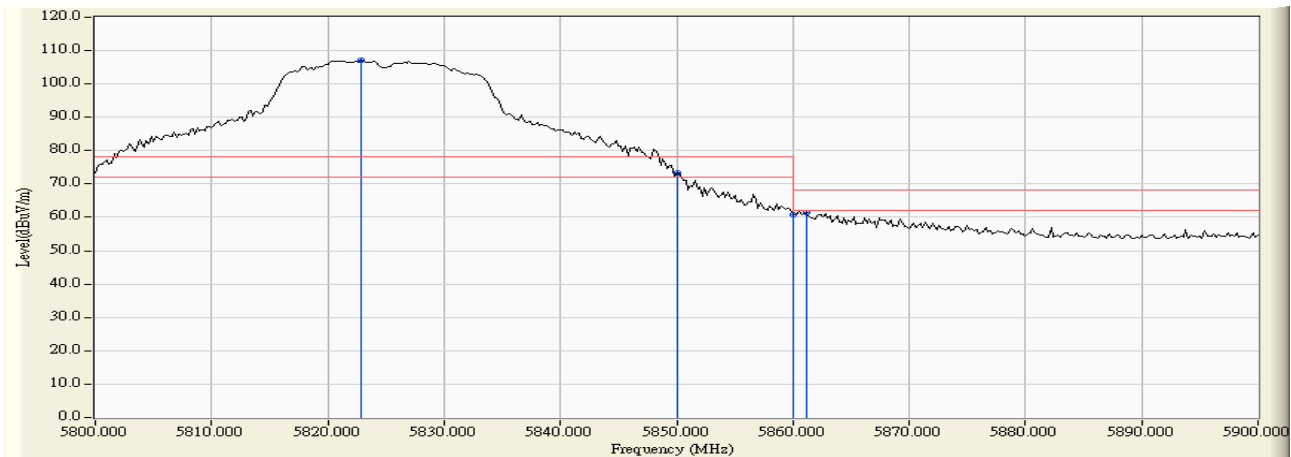
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5711.000        | 4.174               | 59.361               | 63.535                  | -4.685      | 68.220          | Pass   |
| Vertical | 5715.000        | 4.186               | 57.839               | 62.025                  | -6.195      | 68.220          | Pass   |
| Vertical | 5721.800        | 4.205               | 62.459               | 66.664                  | -11.556     | 78.220          | Pass   |
| Vertical | 5725.000        | 4.215               | 61.399               | 65.614                  | -12.606     | 78.220          | Pass   |
| Vertical | 5754.400        | 4.297               | 99.898               | 104.195                 | --          | --              | --     |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) -Channel 165



**RF Radiated Measurement:**

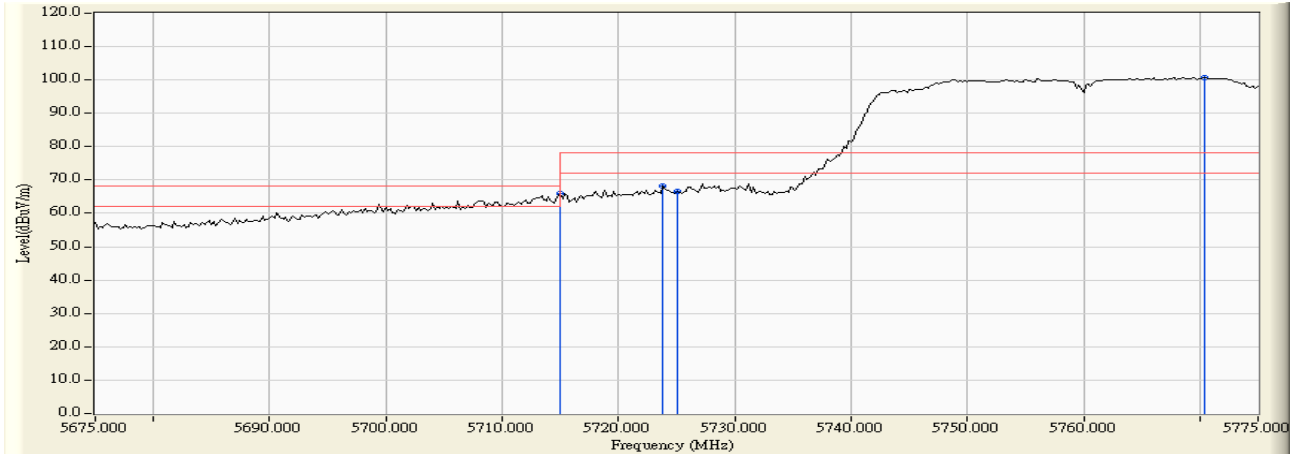
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuv) | Measure Level (dBuv /m) | Margin (dB) | Limit (dBuv /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5820.800        | 5.513               | 102.078              | 107.591                 | --          | --              | --     |
| Horizontal | 5850.000        | 5.715               | 69.087               | 74.802                  | -3.418      | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.798               | 58.088               | 63.886                  | -4.334      | 68.220          | Pass   |



**RF Radiated Measurement:**

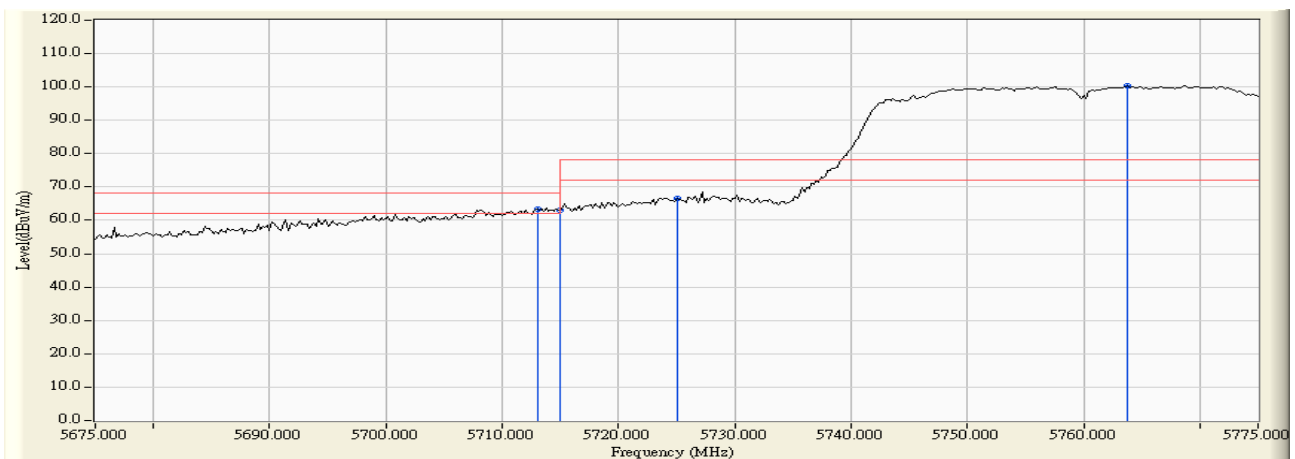
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuv) | Measure Level (dBuv /m) | Margin (dB) | Limit (dBuv /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5822.800        | 4.302               | 102.853              | 107.155                 | --          | --              | --     |
| Vertical | 5850.000        | 4.194               | 69.104               | 73.298                  | -4.922      | 78.220          | Pass   |
| Vertical | 5860.000        | 4.168               | 56.762               | 60.930                  | -7.290      | 68.220          | Pass   |
| Vertical | 5861.200        | 4.165               | 57.186               | 61.351                  | -6.869      | 68.220          | Pass   |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) -Channel 151



**RF Radiated Measurement :**

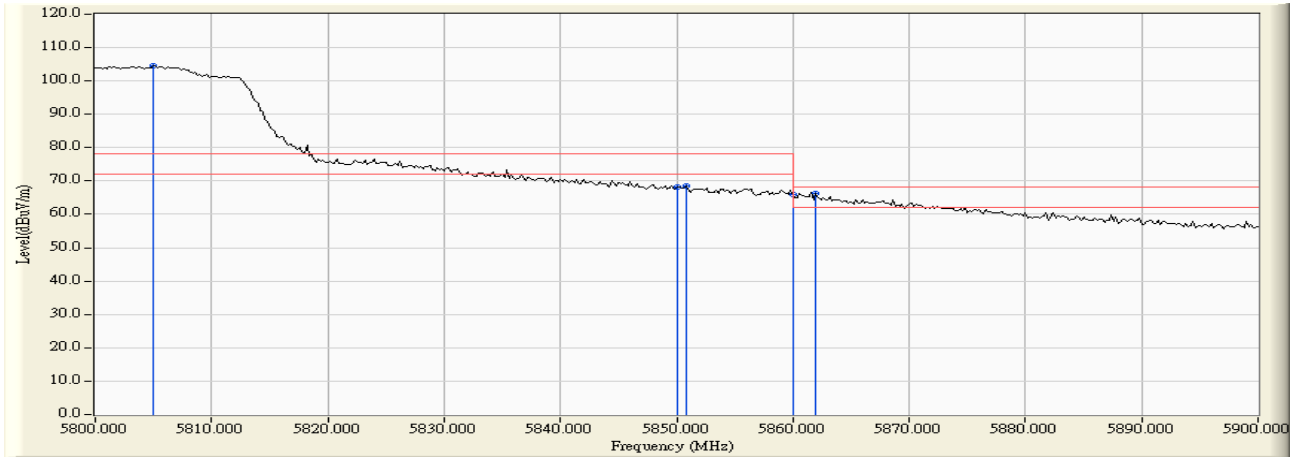
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5715.000        | 5.063               | 60.876               | 65.939                  | -2.281      | 68.220          | Pass   |
| Horizontal | 5723.800        | 5.098               | 63.079               | 68.178                  | -10.042     | 78.220          | Pass   |
| Horizontal | 5725.000        | 5.104               | 61.364               | 66.467                  | -11.753     | 78.220          | Pass   |
| Horizontal | 5770.400        | 5.276               | 95.558               | 100.833                 | --          | --              | --     |



**RF Radiated Measurement:**

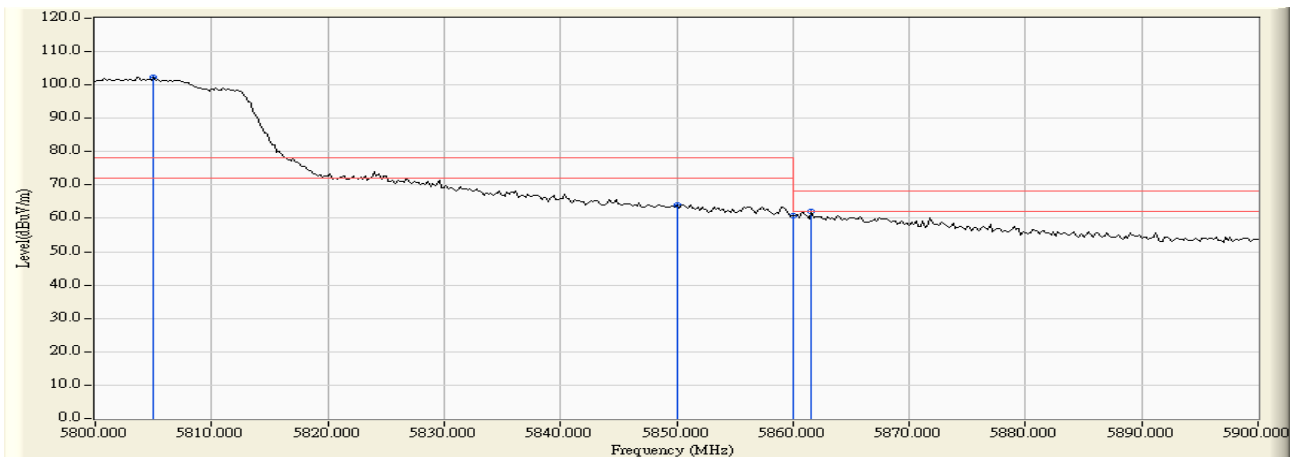
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5713.000        | 4.180               | 59.337               | 63.517                  | -4.703      | 68.220          | Pass   |
| Vertical | 5715.000        | 4.186               | 58.781               | 62.967                  | -5.253      | 68.220          | Pass   |
| Vertical | 5725.000        | 4.215               | 62.485               | 66.700                  | -11.520     | 78.220          | Pass   |
| Vertical | 5763.800        | 4.320               | 96.131               | 100.451                 | --          | --              | --     |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) -Channel 159



**RF Radiated Measurement:**

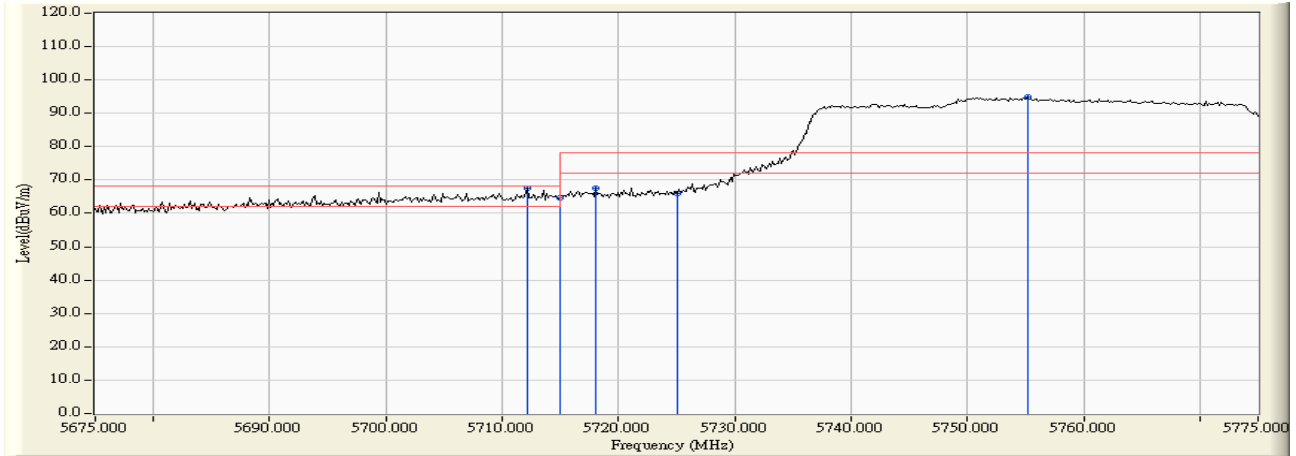
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5805.000        | 5.414               | 99.194               | 104.609                 | --          | --              | --     |
| Horizontal | 5850.000        | 5.715               | 62.639               | 68.354                  | -9.866      | 78.220          | Pass   |
| Horizontal | 5850.800        | 5.722               | 62.855               | 68.577                  | -9.643      | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.798               | 60.195               | 65.993                  | -2.227      | 68.220          | Pass   |
| Horizontal | 5862.000        | 5.815               | 60.372               | 66.187                  | -2.033      | 68.220          | Pass   |



**RF Radiated Measurement:**

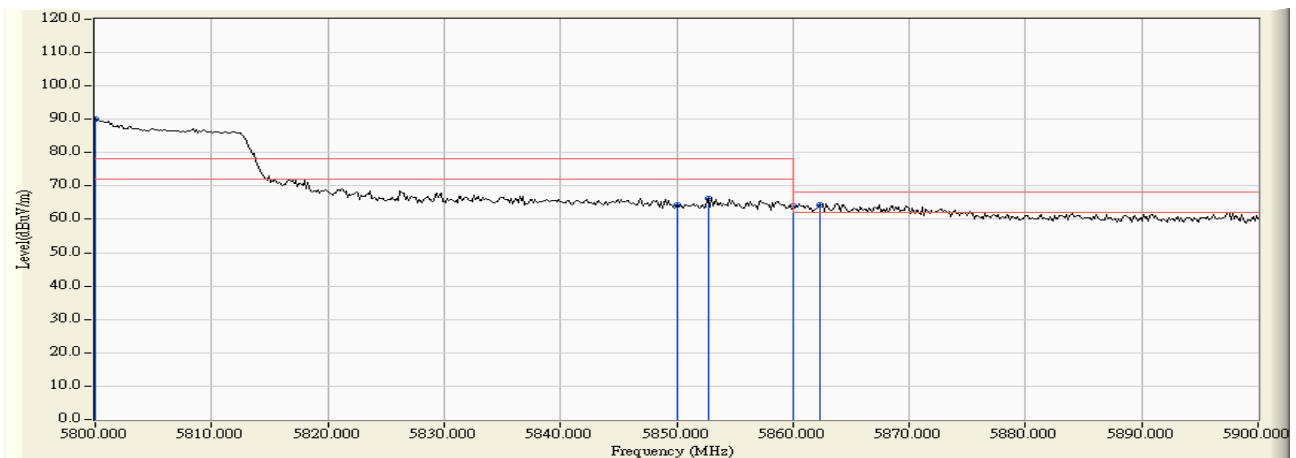
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5805.000        | 4.362               | 97.944               | 102.307                 | --          | --              | --     |
| Vertical | 5850.000        | 4.194               | 59.687               | 63.881                  | -14.339     | 78.220          | Pass   |
| Vertical | 5860.000        | 4.168               | 56.669               | 60.837                  | -7.383      | 68.220          | Pass   |
| Vertical | 5861.600        | 4.164               | 57.865               | 62.029                  | -6.191      | 68.220          | Pass   |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps)-Channel 155



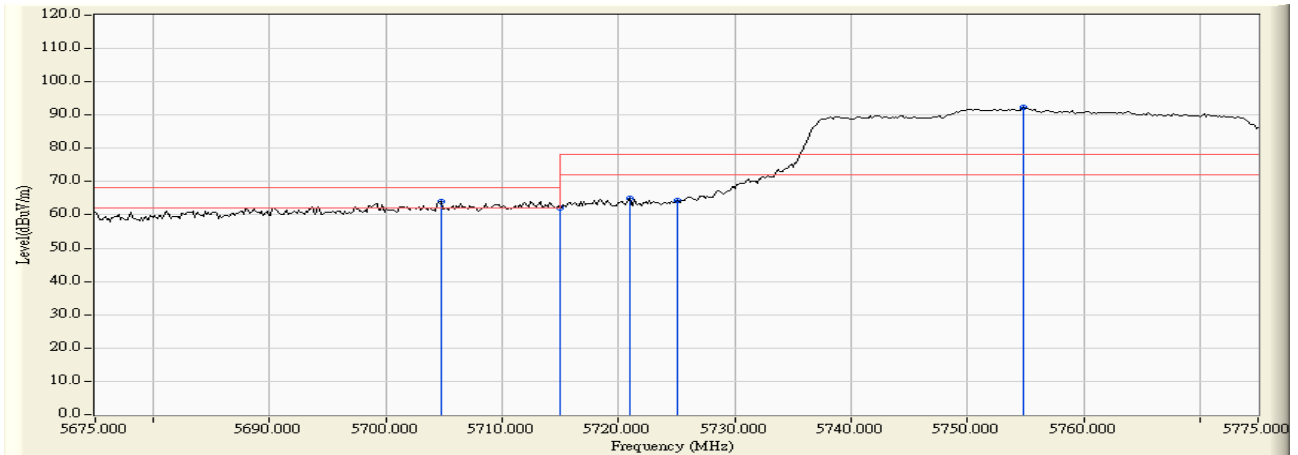
#### RF Radiated Measurement:

|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5712.101        | 4.651               | 62.864               | 67.515                  | -0.705      | 68.220          | Pass   |
| Horizontal | 5715.000        | 4.652               | 59.929               | 64.581                  | -3.639      | 68.220          | Pass   |
| Horizontal | 5718.043        | 4.653               | 62.901               | 67.554                  | -10.666     | 78.220          | Pass   |
| Horizontal | 5725.000        | 4.654               | 61.315               | 65.969                  | -12.251     | 78.220          | Pass   |
| Horizontal | 5755.145        | 4.659               | 90.289               | 94.947                  | --          | --              | --     |



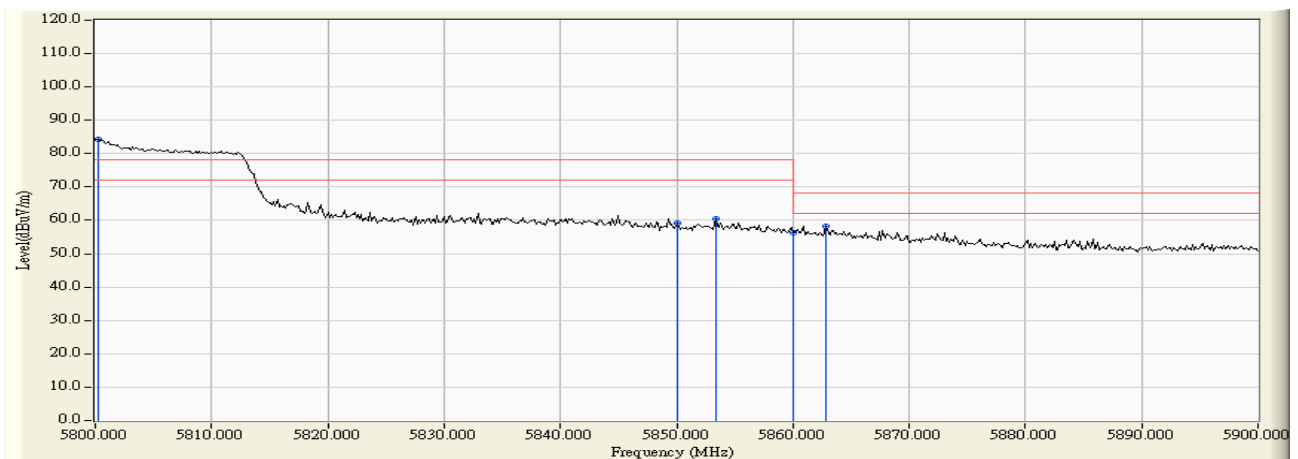
#### RF Radiated Measurement:

|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5800.000        | 4.683               | 85.268               | 89.951                  | --          | --              | --     |
| Horizontal | 5850.000        | 4.964               | 59.524               | 64.488                  | -13.732     | 78.220          | Pass   |
| Horizontal | 5852.754        | 4.980               | 61.296               | 66.276                  | -11.944     | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.023               | 58.880               | 63.903                  | -4.317      | 68.220          | Pass   |
| Horizontal | 5862.319        | 5.037               | 59.406               | 64.442                  | -3.778      | 68.220          | Pass   |



**RF Radiated Measurement:**

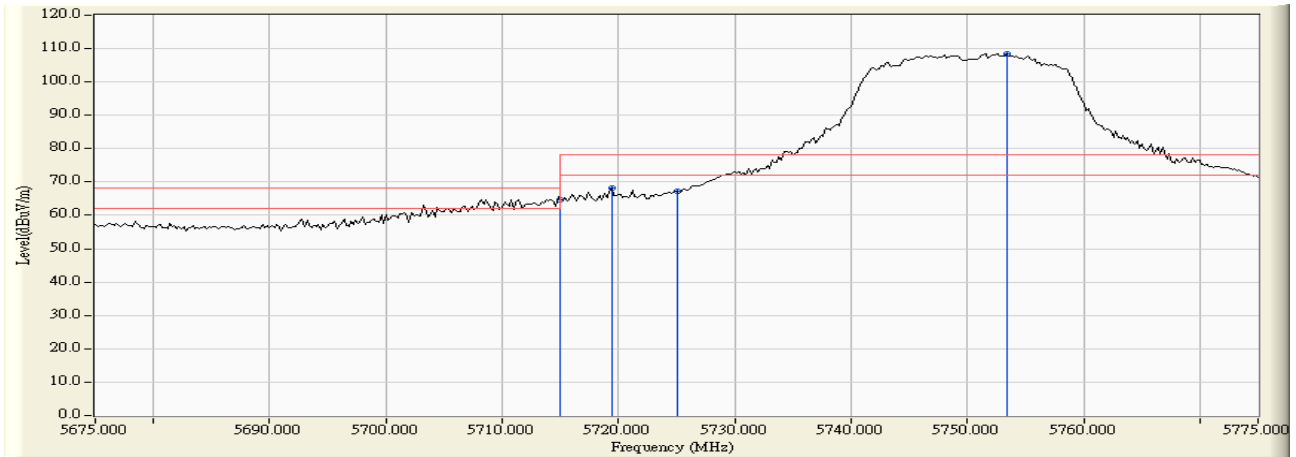
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5704.710        | 5.989               | 57.887               | 63.876                  | -4.344      | 68.220          | Pass   |
| Vertical | 5715.000        | 5.994               | 56.106               | 62.100                  | -6.120      | 68.220          | Pass   |
| Vertical | 5720.942        | 5.993               | 59.084               | 65.077                  | -13.143     | 78.220          | Pass   |
| Vertical | 5725.000        | 5.992               | 58.204               | 64.197                  | -14.023     | 78.220          | Pass   |
| Vertical | 5754.855        | 5.986               | 86.232               | 92.219                  | --          | --              | --     |



**RF Radiated Measurement:**

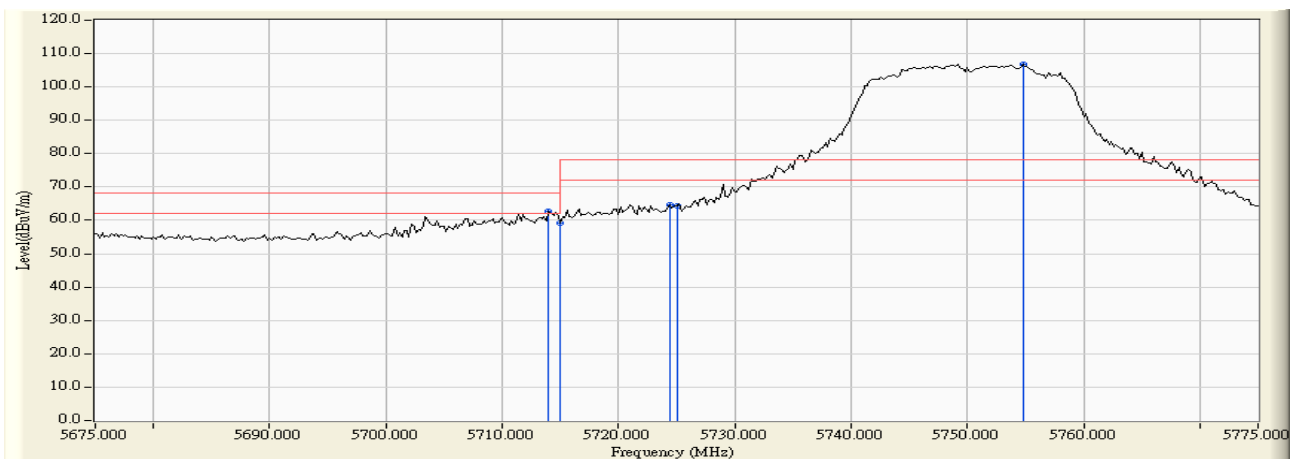
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5800.290        | 5.979               | 78.428               | 84.407                  | --          | --              | --     |
| Vertical | 5850.000        | 6.037               | 53.007               | 59.044                  | -19.176     | 78.220          | Pass   |
| Vertical | 5853.333        | 6.040               | 54.347               | 60.387                  | -17.833     | 78.220          | Pass   |
| Vertical | 5860.000        | 6.047               | 50.124               | 56.171                  | -12.049     | 68.220          | Pass   |
| Vertical | 5862.899        | 6.050               | 52.226               | 58.276                  | -9.944      | 68.220          | Pass   |

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) -Channel 149



**RF Radiated Measurement:**

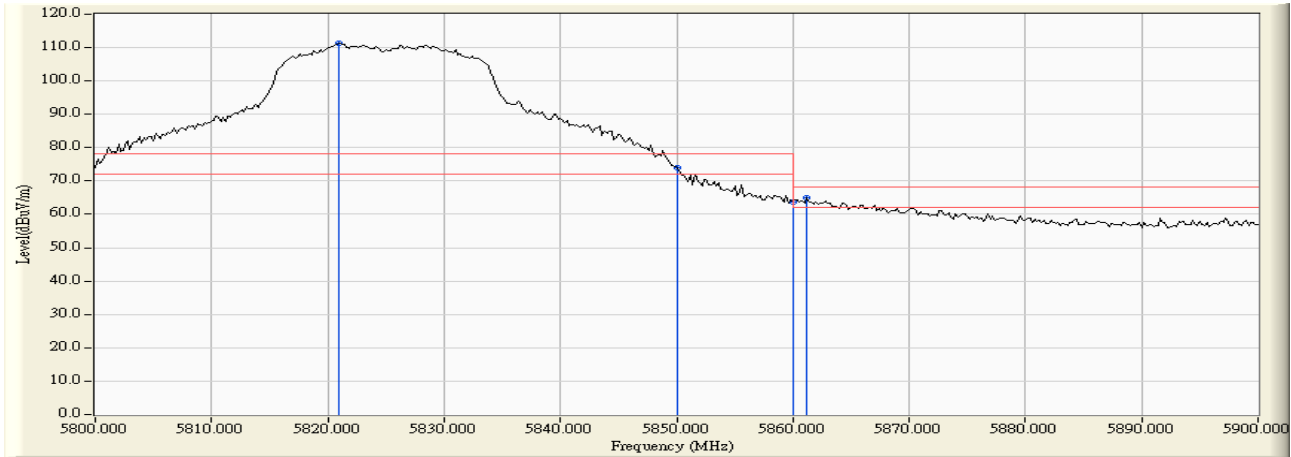
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5715.000        | 5.063               | 59.695               | 64.758                  | -3.462      | 68.220          | Pass   |
| Horizontal | 5719.400        | 5.081               | 63.139               | 68.220                  | -10.000     | 78.220          | Pass   |
| Horizontal | 5725.000        | 5.104               | 62.057               | 67.160                  | -11.060     | 78.220          | Pass   |
| Horizontal | 5753.400        | 5.217               | 103.229              | 108.445                 | --          | --              | --     |



**RF Radiated Measurement:**

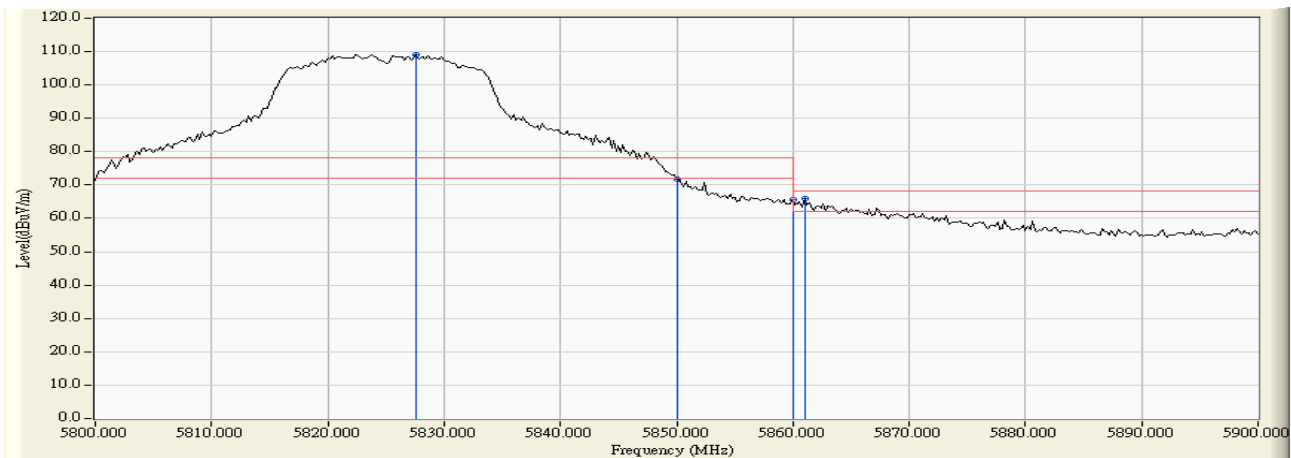
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5714.000        | 4.182               | 58.503               | 62.686                  | -5.534      | 68.220          | Pass   |
| Vertical | 5715.000        | 4.186               | 55.156               | 59.342                  | -8.878      | 68.220          | Pass   |
| Vertical | 5724.400        | 4.213               | 60.537               | 64.750                  | -13.470     | 78.220          | Pass   |
| Vertical | 5725.000        | 4.215               | 60.170               | 64.385                  | -13.835     | 78.220          | Pass   |
| Vertical | 5754.800        | 4.298               | 102.513              | 106.811                 | --          | --              | --     |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) -Channel 165



#### RF Radiated Measurement:

|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuv) | Measure Level (dBuv /m) | Margin (dB) | Limit (dBuv /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5821.000        | 5.515               | 105.721              | 111.236                 | --          | --              | --     |
| Horizontal | 5850.000        | 5.715               | 68.166               | 73.881                  | -4.339      | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.798               | 57.797               | 63.595                  | -4.625      | 68.220          | Pass   |
| Horizontal | 5861.200        | 5.808               | 59.023               | 64.831                  | -3.389      | 68.220          | Pass   |

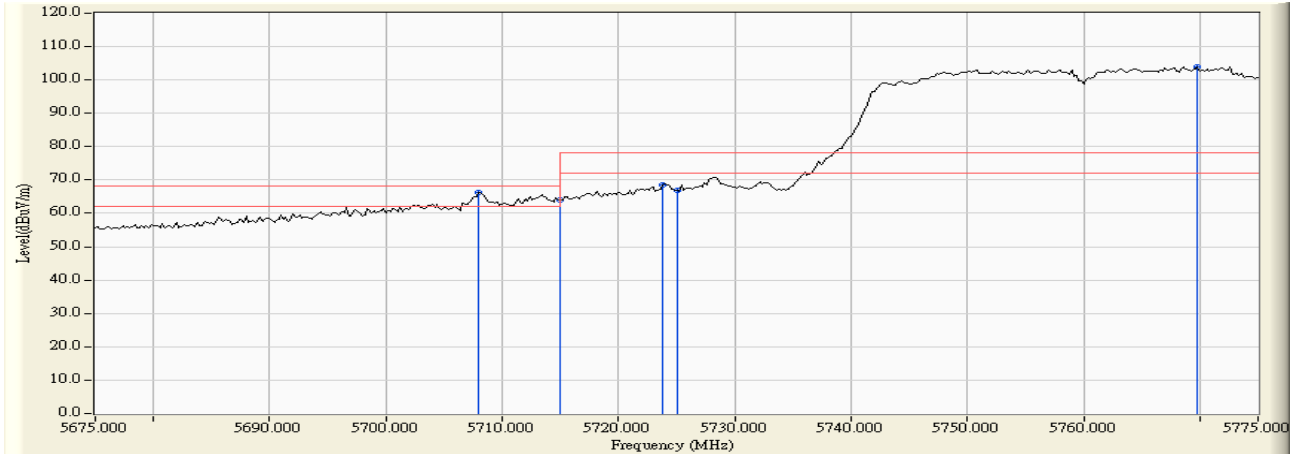


#### RF Radiated Measurement:

|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuv) | Measure Level (dBuv /m) | Margin (dB) | Limit (dBuv /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5827.600        | 4.282               | 104.812              | 109.093                 | --          | --              | --     |
| Vertical | 5850.000        | 4.194               | 67.515               | 71.709                  | -6.511      | 78.220          | Pass   |
| Vertical | 5860.000        | 4.168               | 61.475               | 65.643                  | -2.577      | 68.220          | Pass   |
| Vertical | 5861.000        | 4.165               | 61.689               | 65.854                  | -2.366      | 68.220          | Pass   |

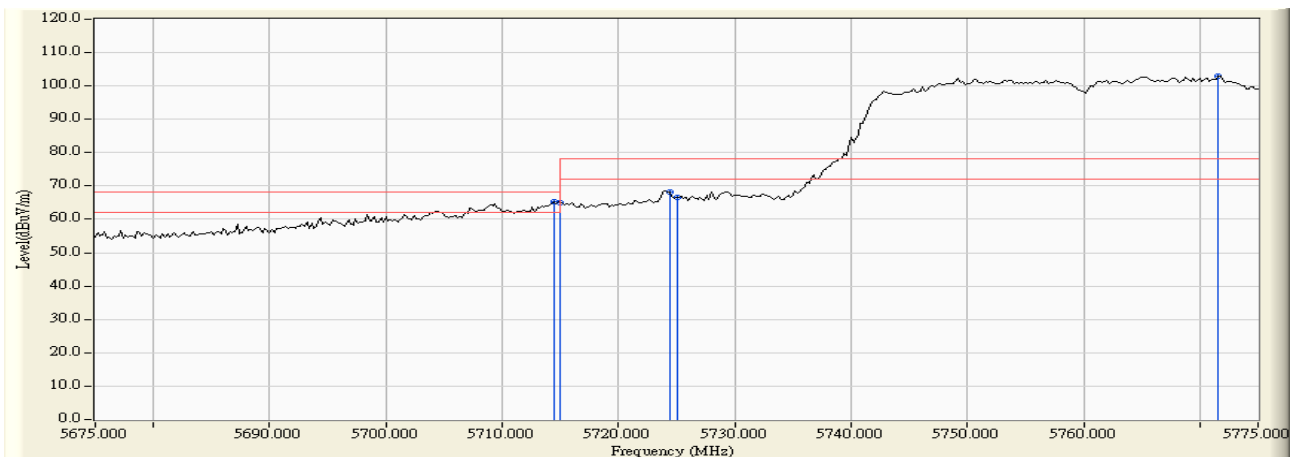


Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) -Channel 151



**RF Radiated Measurement :**

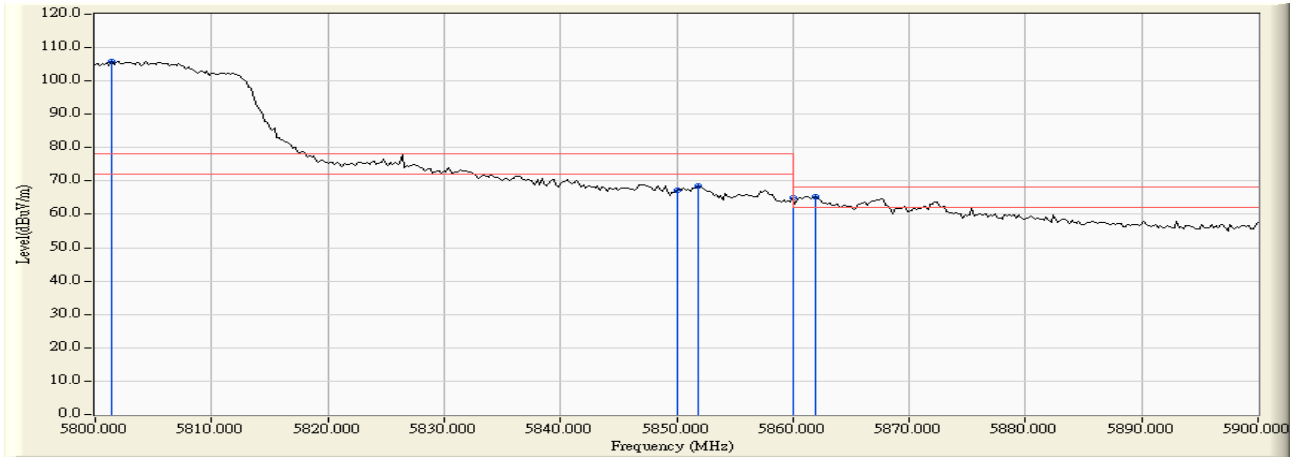
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5708.000        | 5.034               | 61.080               | 66.114                  | -2.106      | 68.220          | Pass   |
| Horizontal | 5715.000        | 5.063               | 59.055               | 64.118                  | -4.102      | 68.220          | Pass   |
| Horizontal | 5723.800        | 5.098               | 63.462               | 68.561                  | -9.659      | 78.220          | Pass   |
| Horizontal | 5725.000        | 5.104               | 61.755               | 66.858                  | -11.362     | 78.220          | Pass   |
| Horizontal | 5769.800        | 5.273               | 98.573               | 103.846                 | --          | --              | --     |



**RF Radiated Measurement:**

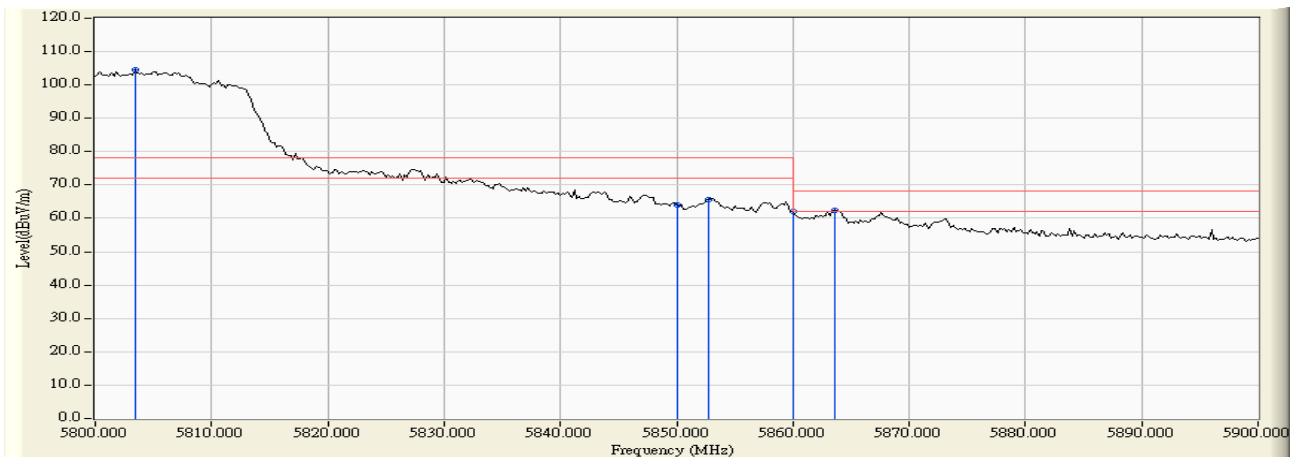
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5714.400        | 4.184               | 61.090               | 65.274                  | -2.946      | 68.220          | Pass   |
| Vertical | 5715.000        | 4.186               | 60.883               | 65.069                  | -3.151      | 68.220          | Pass   |
| Vertical | 5724.400        | 4.213               | 64.078               | 68.291                  | -9.929      | 78.220          | Pass   |
| Vertical | 5725.000        | 4.215               | 62.515               | 66.730                  | -11.490     | 78.220          | Pass   |
| Vertical | 5771.600        | 4.337               | 98.602               | 102.939                 | --          | --              | --     |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) -Channel 159



**RF Radiated Measurement:**

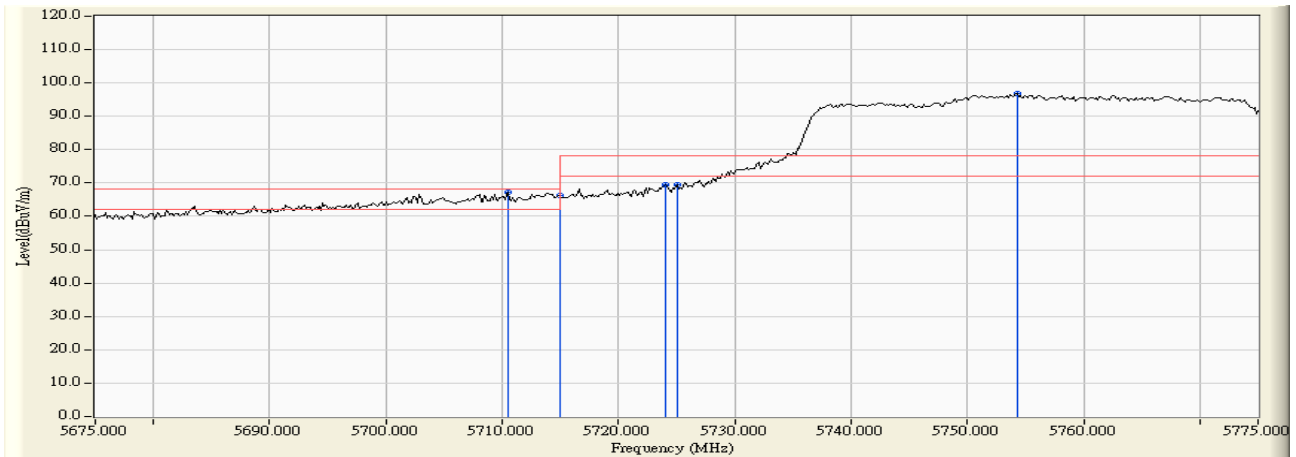
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5801.400        | 5.394               | 100.609              | 106.003                 | --          | --              | --     |
| Horizontal | 5850.000        | 5.715               | 61.678               | 67.393                  | -10.827     | 78.220          | Pass   |
| Horizontal | 5851.800        | 5.730               | 62.766               | 68.496                  | -9.724      | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.798               | 59.081               | 64.879                  | -3.341      | 68.220          | Pass   |
| Horizontal | 5862.000        | 5.815               | 59.499               | 65.314                  | -2.906      | 68.220          | Pass   |



**RF Radiated Measurement:**

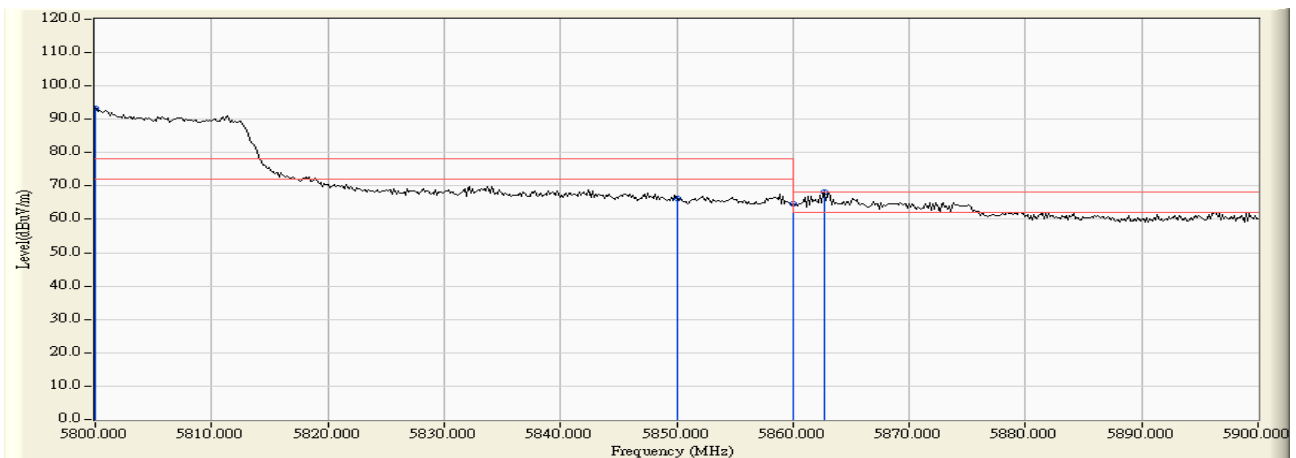
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5803.400        | 4.366               | 100.178              | 104.543                 | --          | --              | --     |
| Vertical | 5850.000        | 4.194               | 59.669               | 63.863                  | -14.357     | 78.220          | Pass   |
| Vertical | 5852.800        | 4.187               | 61.598               | 65.785                  | -12.435     | 78.220          | Pass   |
| Vertical | 5860.000        | 4.168               | 57.768               | 61.936                  | -6.284      | 68.220          | Pass   |
| Vertical | 5863.600        | 4.160               | 58.159               | 62.318                  | -5.902      | 68.220          | Pass   |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps)-Channel 155



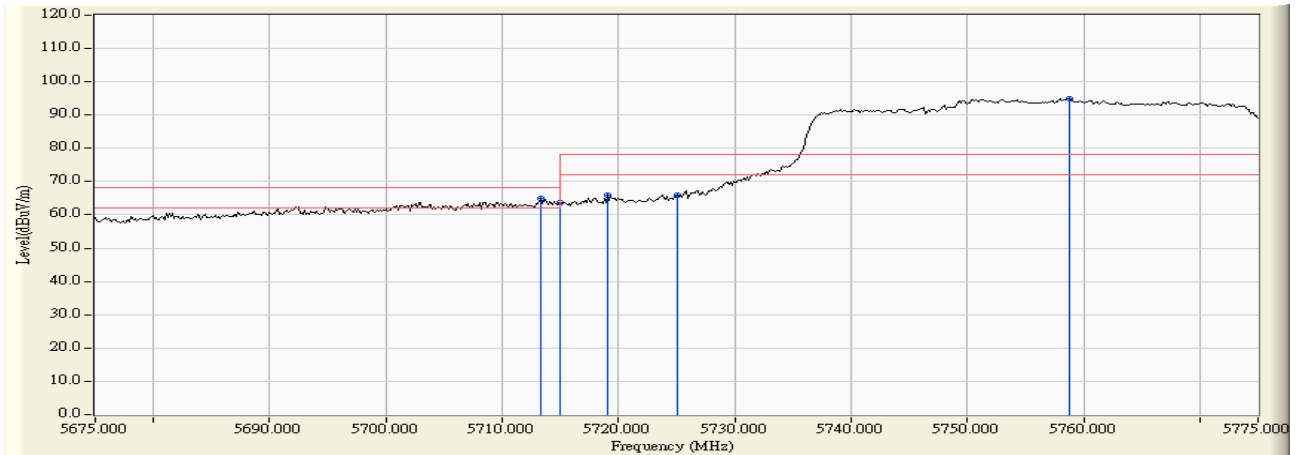
#### RF Radiated Measurement:

|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5710.507        | 4.651               | 62.602               | 67.253                  | -0.967      | 68.220          | Pass   |
| Horizontal | 5715.000        | 4.652               | 61.606               | 66.258                  | -1.962      | 68.220          | Pass   |
| Horizontal | 5723.986        | 4.654               | 64.741               | 69.395                  | -8.825      | 78.220          | Pass   |
| Horizontal | 5725.000        | 4.654               | 64.714               | 69.368                  | -8.852      | 78.220          | Pass   |
| Horizontal | 5754.275        | 4.659               | 92.196               | 96.854                  | --          | --              | --     |



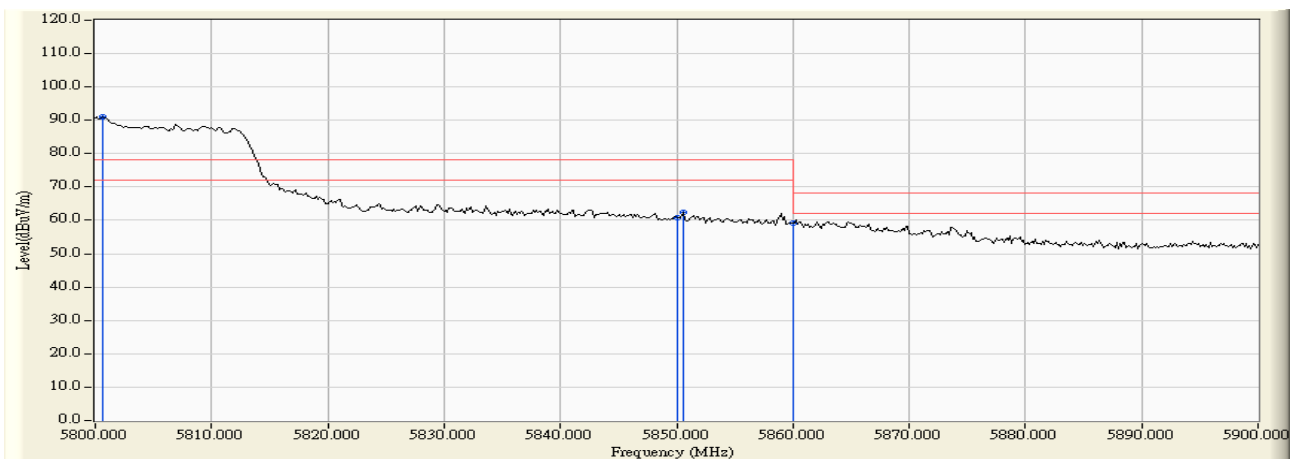
#### RF Radiated Measurement:

|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5800.000        | 4.683               | 88.709               | 93.392                  | --          | --              | --     |
| Horizontal | 5850.000        | 4.964               | 61.225               | 66.189                  | -12.031     | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.023               | 59.673               | 64.696                  | -3.524      | 68.220          | Pass   |
| Horizontal | 5862.754        | 5.039               | 63.044               | 68.083                  | -0.137      | 68.220          | Pass   |



**RF Radiated Measurement:**

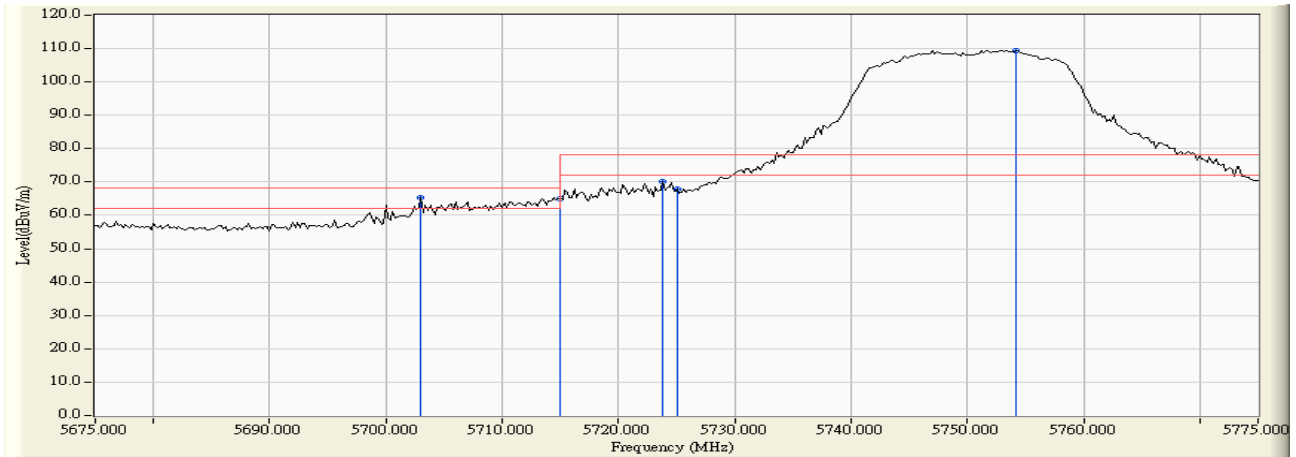
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5713.261        | 5.995               | 58.889               | 64.883                  | -3.337      | 68.220          | Pass   |
| Vertical | 5715.000        | 5.994               | 57.725               | 63.719                  | -4.501      | 68.220          | Pass   |
| Vertical | 5719.058        | 5.993               | 59.918               | 65.911                  | -12.309     | 78.220          | Pass   |
| Vertical | 5725.000        | 5.992               | 60.079               | 66.072                  | -12.148     | 78.220          | Pass   |
| Vertical | 5758.768        | 5.985               | 88.851               | 94.837                  | --          | --              | --     |



**RF Radiated Measurement:**

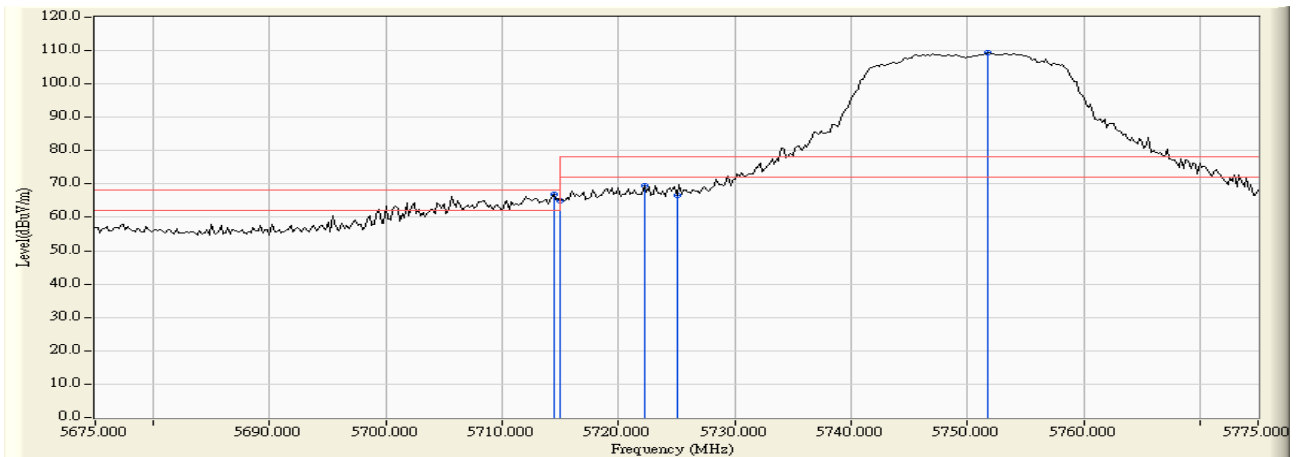
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5800.580        | 5.979               | 85.006               | 90.985                  | --          | --              | --     |
| Vertical | 5850.000        | 6.037               | 54.746               | 60.783                  | -17.437     | 78.220          | Pass   |
| Vertical | 5850.580        | 6.037               | 56.445               | 62.482                  | -15.738     | 78.220          | Pass   |
| Vertical | 5860.000        | 6.047               | 53.169               | 59.216                  | -9.004      | 68.220          | Pass   |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) -Channel 149



**RF Radiated Measurement:**

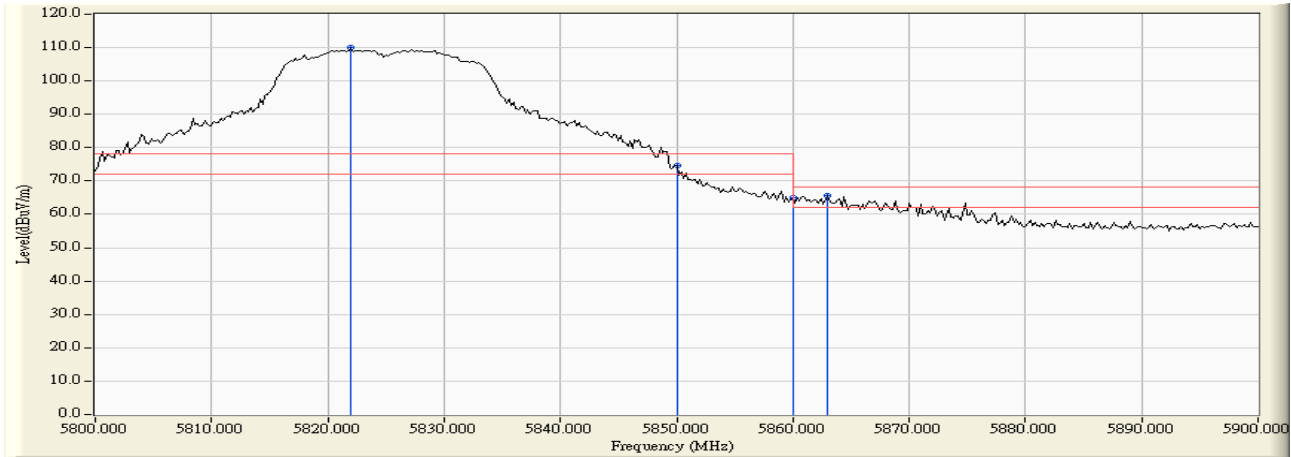
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5703.000        | 5.014               | 60.311               | 65.325                  | -2.895      | 68.220          | Pass   |
| Horizontal | 5715.000        | 5.063               | 60.000               | 65.063                  | -3.157      | 68.220          | Pass   |
| Horizontal | 5723.800        | 5.098               | 64.926               | 70.025                  | -8.195      | 78.220          | Pass   |
| Horizontal | 5725.000        | 5.104               | 62.632               | 67.735                  | -10.485     | 78.220          | Pass   |
| Horizontal | 5754.200        | 5.220               | 104.237              | 109.456                 | --          | --              | --     |



**RF Radiated Measurement:**

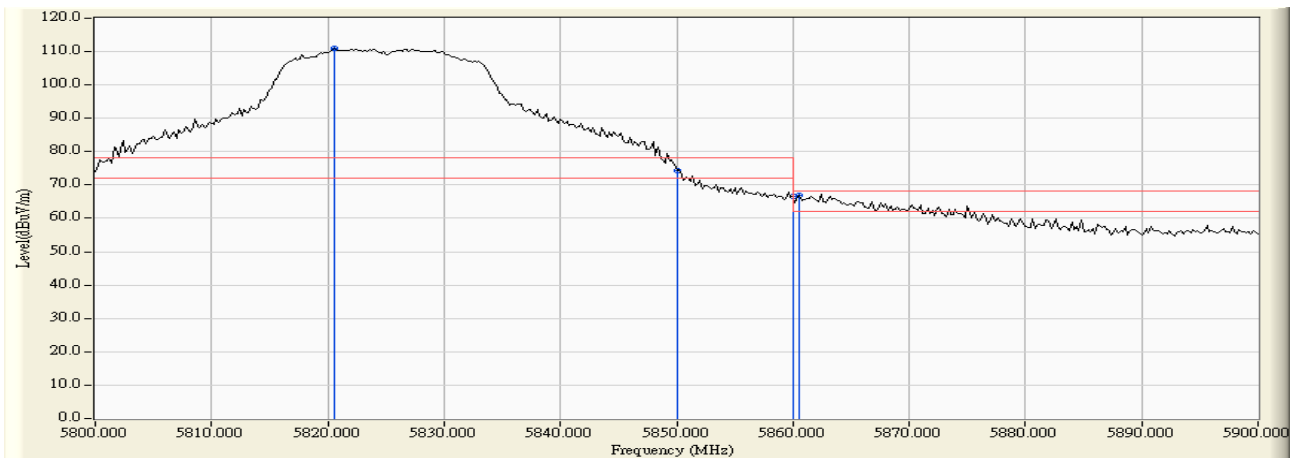
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5714.400        | 4.184               | 62.574               | 66.758                  | -1.462      | 68.220          | Pass   |
| Vertical | 5715.000        | 4.186               | 60.798               | 64.984                  | -3.236      | 68.220          | Pass   |
| Vertical | 5722.200        | 4.206               | 65.370               | 69.577                  | -8.643      | 78.220          | Pass   |
| Vertical | 5725.000        | 4.215               | 62.342               | 66.557                  | -11.663     | 78.220          | Pass   |
| Vertical | 5751.800        | 4.290               | 105.025              | 109.316                 | --          | --              | --     |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) -Channel 165



**RF Radiated Measurement:**

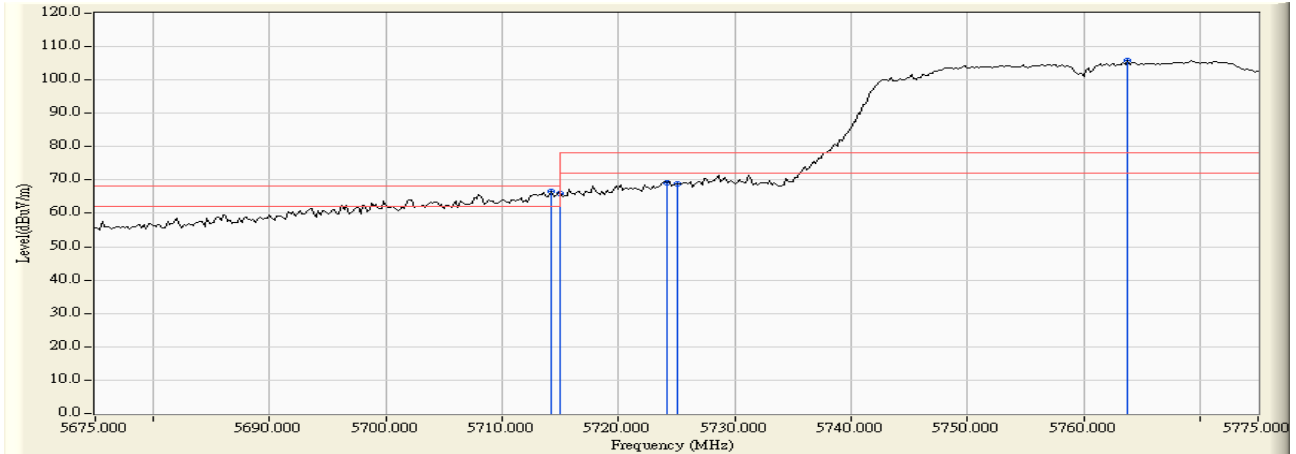
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuv) | Measure Level (dBuv /m) | Margin (dB) | Limit (dBuv /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5822.000        | 5.521               | 104.463              | 109.984                 | --          | --              | --     |
| Horizontal | 5850.000        | 5.715               | 69.023               | 74.738                  | -3.482      | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.798               | 59.087               | 64.885                  | -3.335      | 68.220          | Pass   |
| Horizontal | 5863.000        | 5.824               | 59.912               | 65.736                  | -2.484      | 68.220          | Pass   |



**RF Radiated Measurement:**

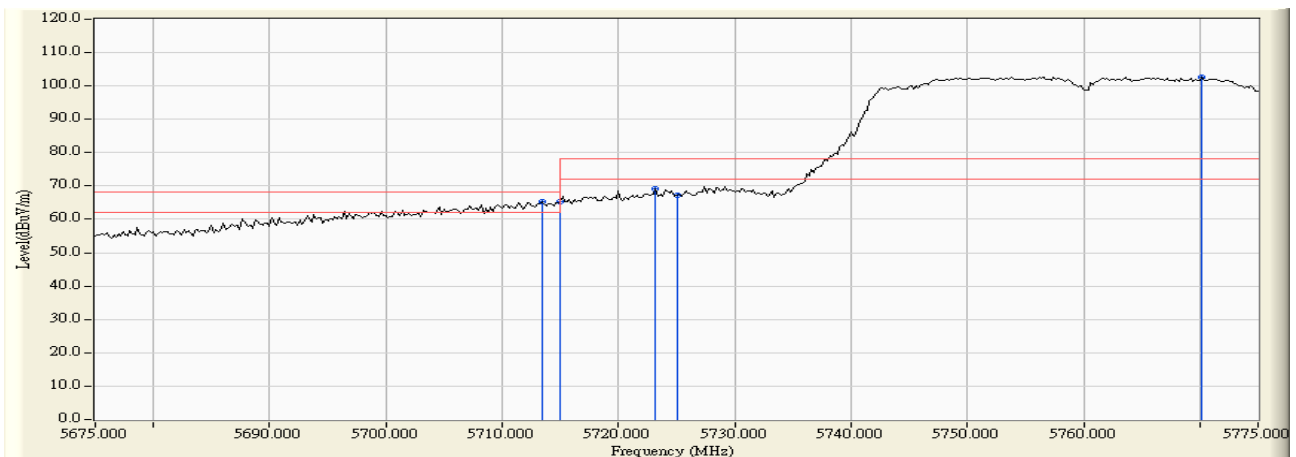
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuv) | Measure Level (dBuv /m) | Margin (dB) | Limit (dBuv /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5820.600        | 4.311               | 106.725              | 111.036                 | --          | --              | --     |
| Vertical | 5850.000        | 4.194               | 70.185               | 74.379                  | -3.841      | 78.220          | Pass   |
| Vertical | 5860.000        | 4.168               | 62.281               | 66.449                  | -1.771      | 68.220          | Pass   |
| Vertical | 5860.600        | 4.167               | 62.666               | 66.832                  | -1.388      | 68.220          | Pass   |

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Band Edge Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps) -Channel 151



**RF Radiated Measurement :**

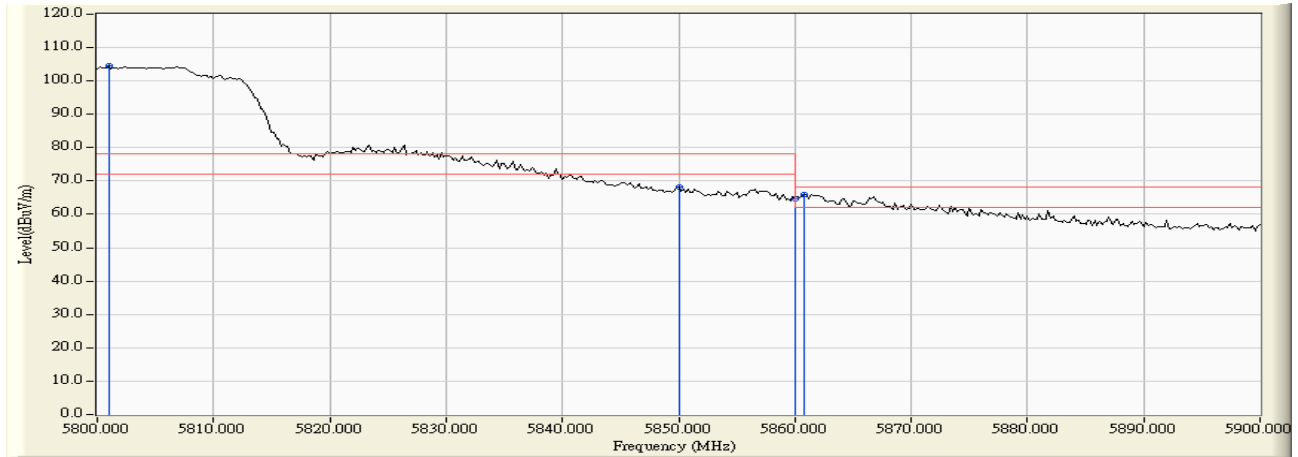
|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5714.200        | 5.059               | 61.496               | 66.556                  | -1.664      | 68.220          | Pass   |
| Horizontal | 5715.000        | 5.063               | 60.981               | 66.044                  | -2.176      | 68.220          | Pass   |
| Horizontal | 5724.200        | 5.101               | 64.186               | 69.286                  | -8.934      | 78.220          | Pass   |
| Horizontal | 5725.000        | 5.104               | 63.629               | 68.732                  | -9.488      | 78.220          | Pass   |
| Horizontal | 5763.800        | 5.253               | 100.530              | 105.783                 | --          | --              | --     |



**RF Radiated Measurement:**

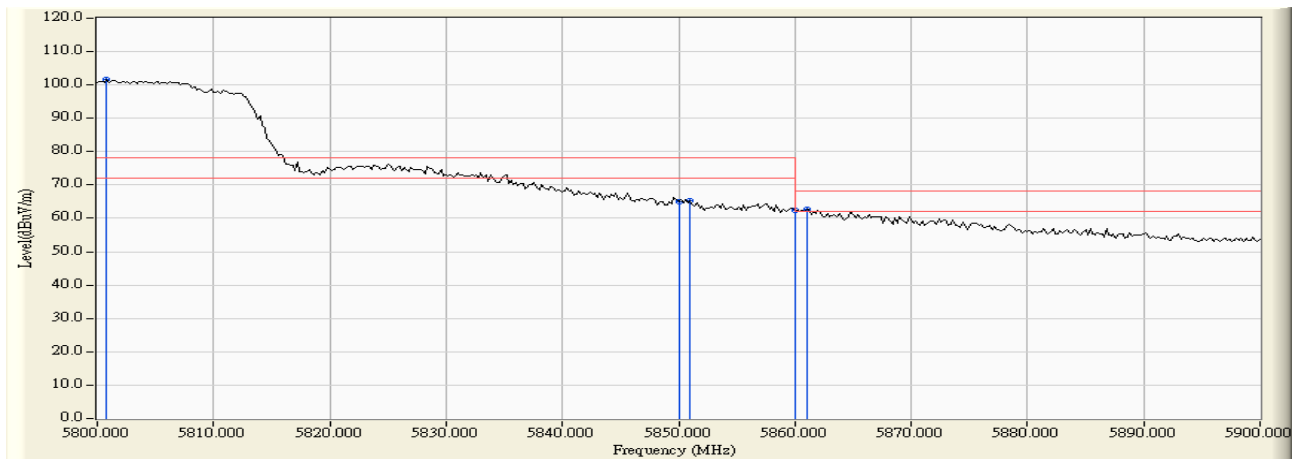
|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5713.400        | 4.181               | 61.185               | 65.366                  | -2.854      | 68.220          | Pass   |
| Vertical | 5715.000        | 4.186               | 61.061               | 65.247                  | -2.973      | 68.220          | Pass   |
| Vertical | 5723.200        | 4.210               | 64.872               | 69.081                  | -9.139      | 78.220          | Pass   |
| Vertical | 5725.000        | 4.215               | 63.044               | 67.259                  | -10.961     | 78.220          | Pass   |
| Vertical | 5770.200        | 4.334               | 98.418               | 102.752                 | --          | --              | --     |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps) -Channel 159



**RF Radiated Measurement:**

|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5801.000        | 5.392               | 99.209               | 104.601                 | --          | --              | --     |
| Horizontal | 5850.000        | 5.715               | 62.516               | 68.231                  | -9.989      | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.798               | 58.951               | 64.749                  | -3.471      | 68.220          | Pass   |
| Horizontal | 5860.800        | 5.805               | 60.227               | 66.032                  | -2.188      | 68.220          | Pass   |

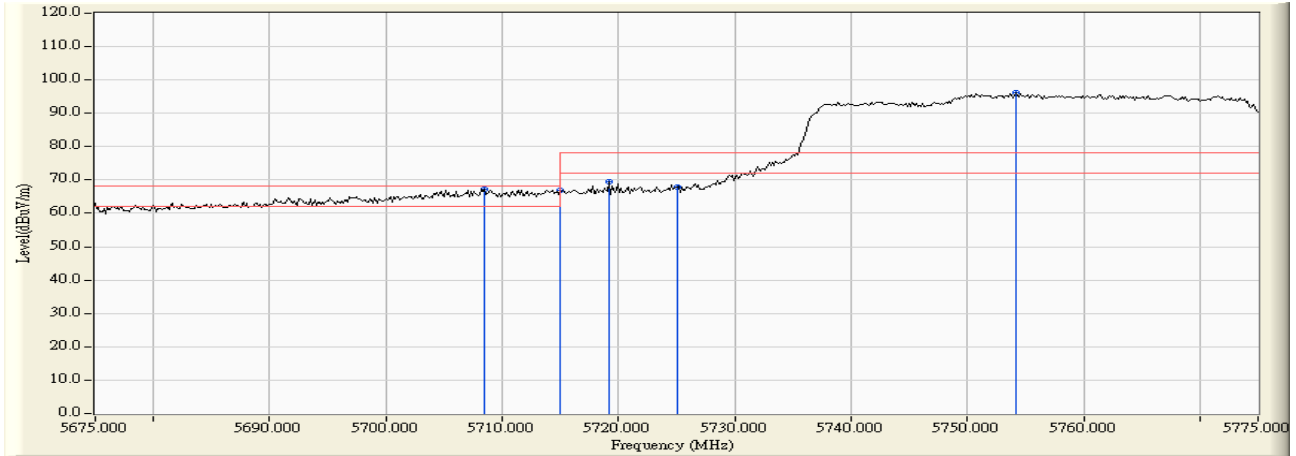


**RF Radiated Measurement:**

|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5800.800        | 4.370               | 97.153               | 101.523                 | --          | --              | --     |
| Vertical | 5850.000        | 4.194               | 60.817               | 65.011                  | -13.209     | 78.220          | Pass   |
| Vertical | 5851.000        | 4.191               | 61.160               | 65.352                  | -12.868     | 78.220          | Pass   |
| Vertical | 5860.000        | 4.168               | 58.393               | 62.561                  | -5.659      | 68.220          | Pass   |
| Vertical | 5861.000        | 4.165               | 58.694               | 62.859                  | -5.361      | 68.220          | Pass   |

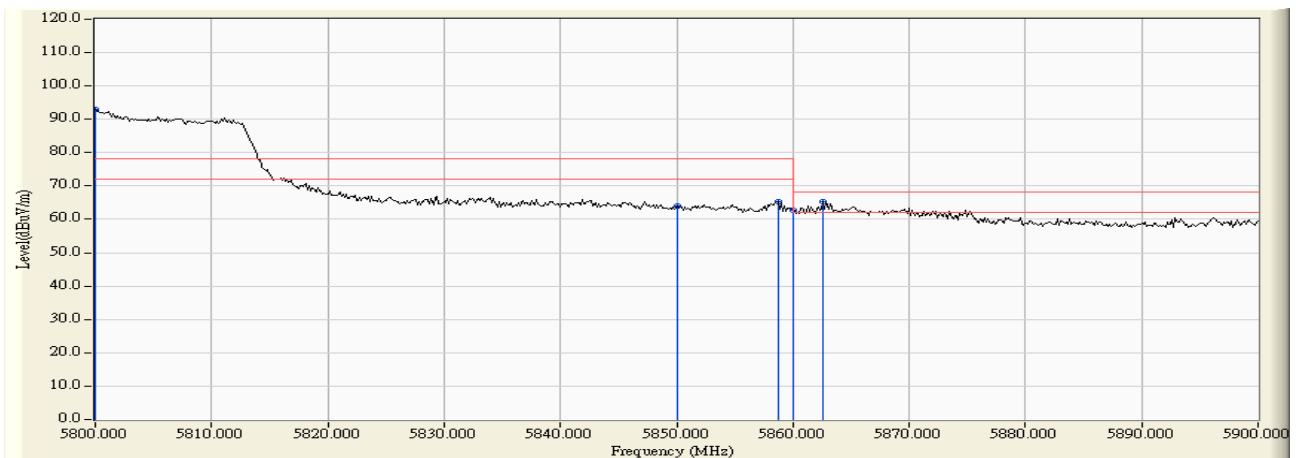


Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Band Edge Data  
Test Site : No.3 OATS  
Test Mode : Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps)-Channel 155



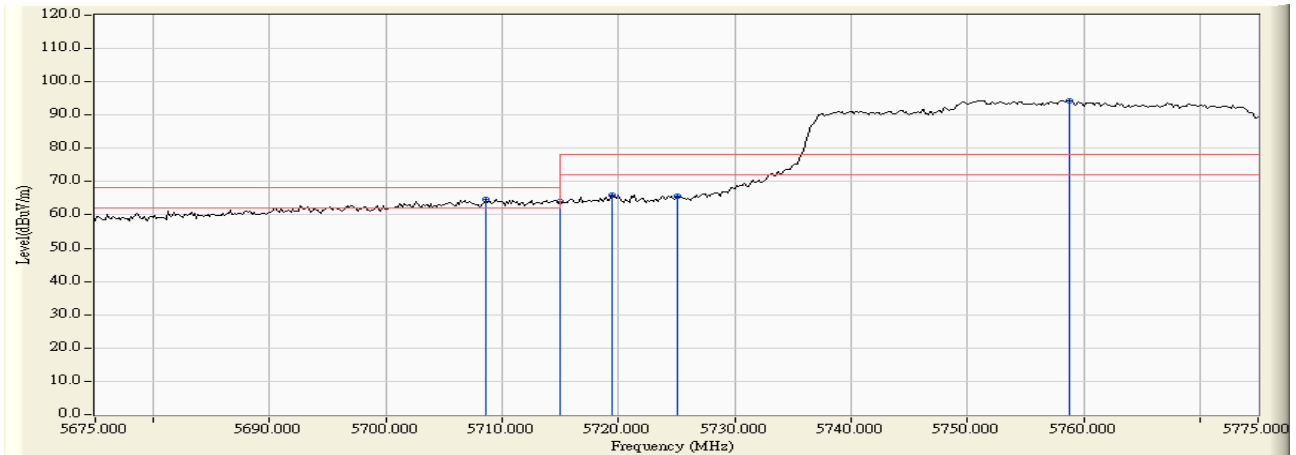
#### RF Radiated Measurement:

|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5708.478        | 4.649               | 62.603               | 67.252                  | -0.968      | 68.220          | Pass   |
| Horizontal | 5715.000        | 4.652               | 62.284               | 66.936                  | -1.284      | 68.220          | Pass   |
| Horizontal | 5719.203        | 4.653               | 64.692               | 69.345                  | -8.875      | 78.220          | Pass   |
| Horizontal | 5725.000        | 4.654               | 63.204               | 67.858                  | -10.362     | 78.220          | Pass   |
| Horizontal | 5754.130        | 4.658               | 91.524               | 96.182                  | --          | --              | --     |



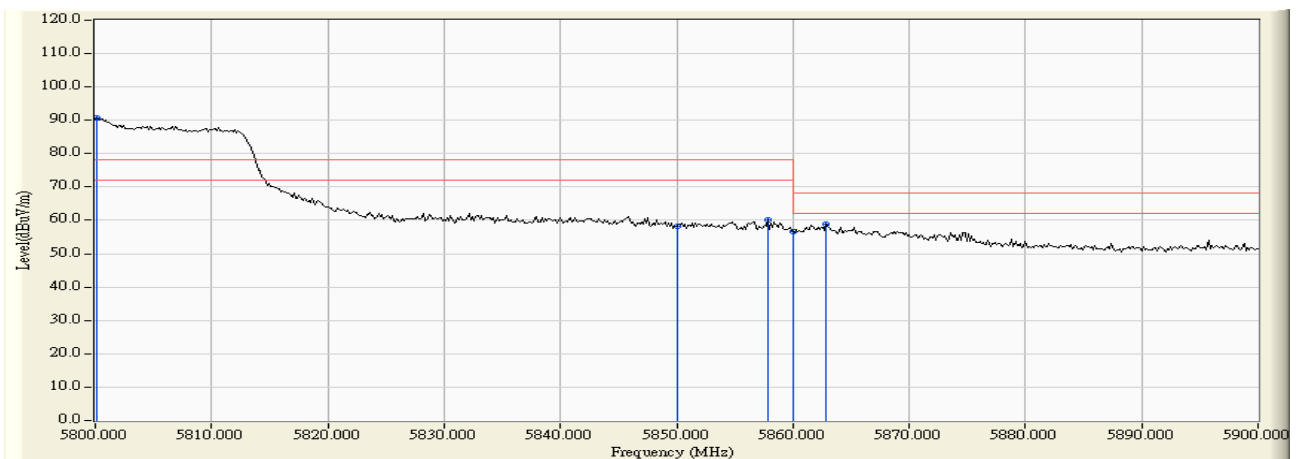
#### RF Radiated Measurement:

|            | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|------------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Horizontal | 5800.000        | 4.683               | 88.388               | 93.071                  | --          | --              | --     |
| Horizontal | 5850.000        | 4.964               | 58.899               | 63.863                  | -14.357     | 78.220          | Pass   |
| Horizontal | 5858.696        | 5.015               | 60.280               | 65.295                  | -12.925     | 78.220          | Pass   |
| Horizontal | 5860.000        | 5.023               | 57.778               | 62.801                  | -5.419      | 68.220          | Pass   |
| Horizontal | 5862.609        | 5.038               | 60.388               | 65.426                  | -2.794      | 68.220          | Pass   |



#### RF Radiated Measurement:

|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5708.623        | 5.995               | 58.673               | 64.667                  | -3.553      | 68.220          | Pass   |
| Vertical | 5715.000        | 5.994               | 57.950               | 63.944                  | -4.276      | 68.220          | Pass   |
| Vertical | 5719.493        | 5.994               | 59.922               | 65.915                  | -12.305     | 78.220          | Pass   |
| Vertical | 5725.000        | 5.992               | 59.560               | 65.553                  | -12.667     | 78.220          | Pass   |
| Vertical | 5758.768        | 5.985               | 88.424               | 94.410                  | --          | --              | --     |



#### RF Radiated Measurement:

|          | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV /m) | Margin (dB) | Limit (dBuV /m) | Result |
|----------|-----------------|---------------------|----------------------|-------------------------|-------------|-----------------|--------|
| Vertical | 5800.145        | 5.979               | 84.806               | 90.785                  | --          | --              | --     |
| Vertical | 5850.000        | 6.037               | 52.237               | 58.274                  | -19.946     | 78.220          | Pass   |
| Vertical | 5857.826        | 6.045               | 54.060               | 60.105                  | -18.115     | 78.220          | Pass   |
| Vertical | 5860.000        | 6.047               | 50.672               | 56.719                  | -11.501     | 68.220          | Pass   |
| Vertical | 5862.899        | 6.050               | 52.804               | 58.854                  | -9.366      | 68.220          | Pass   |

## 7. Occupied Bandwidth

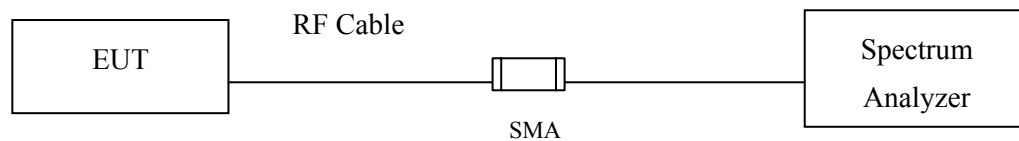
### 7.1. Test Equipment

|   | 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 |

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.

### 7.2. Test Setup



### 7.3. Limits

For the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz

### 7.4. Test Procedure

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

### 7.5. Uncertainty

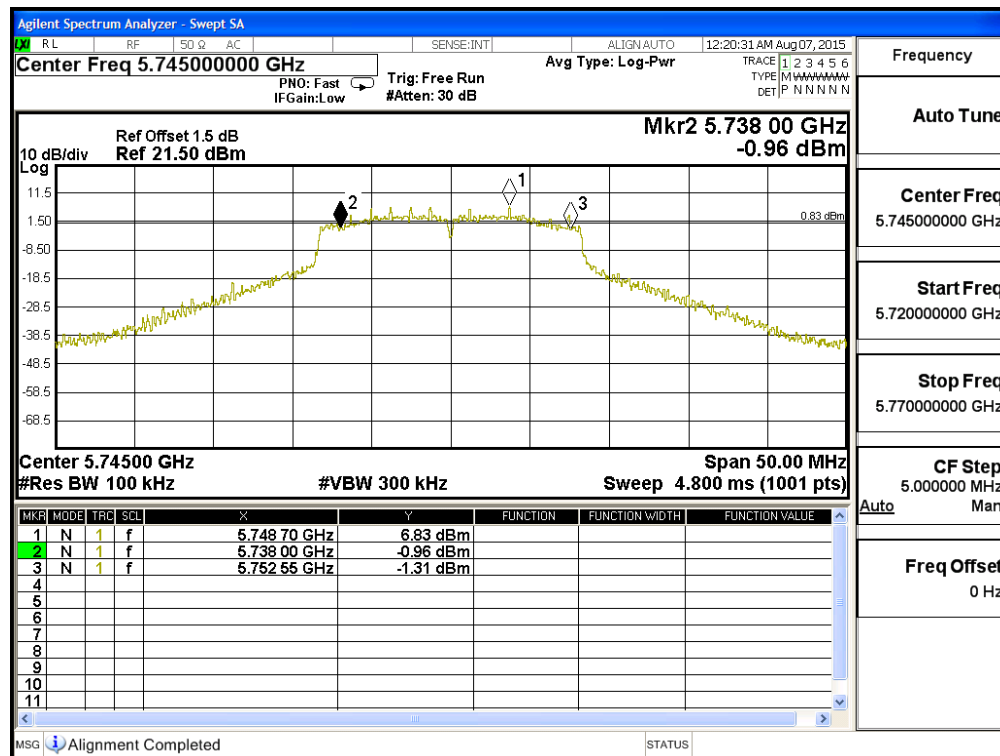
$\pm 150\text{Hz}$

## 7.6. Test Result of Occupied Bandwidth

Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5745MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 149         | 5745.00         | 15600                   | >500                 | Pass   |

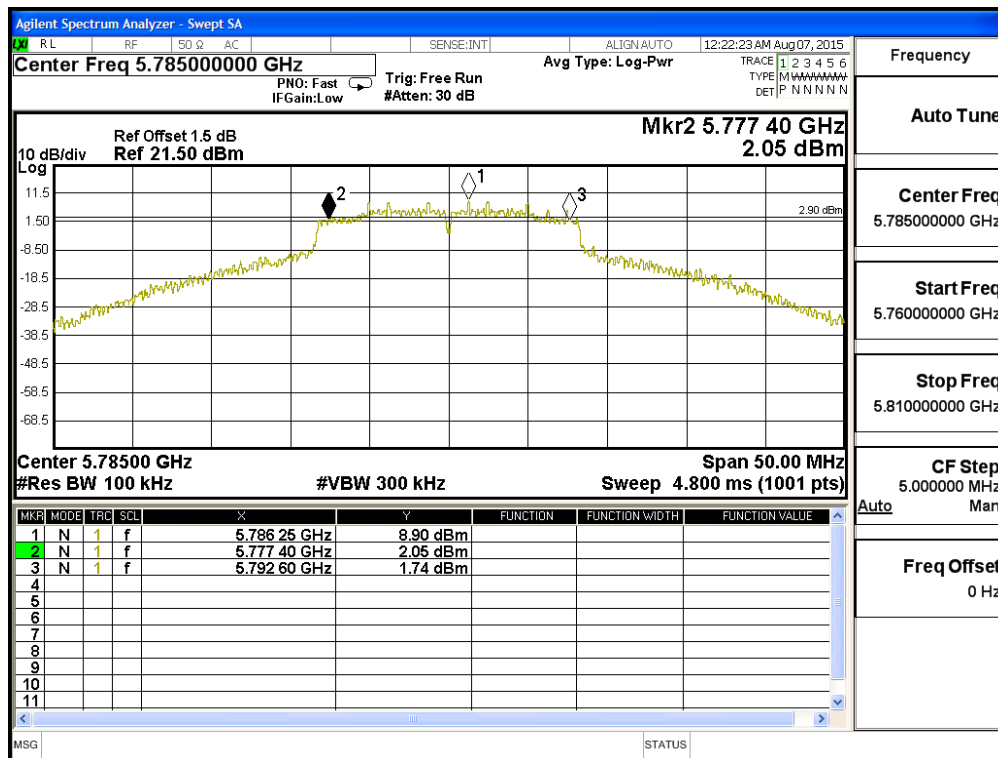
Figure Channel 149:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5785MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 157         | 5785.00         | 15200                   | >500                 | Pass   |

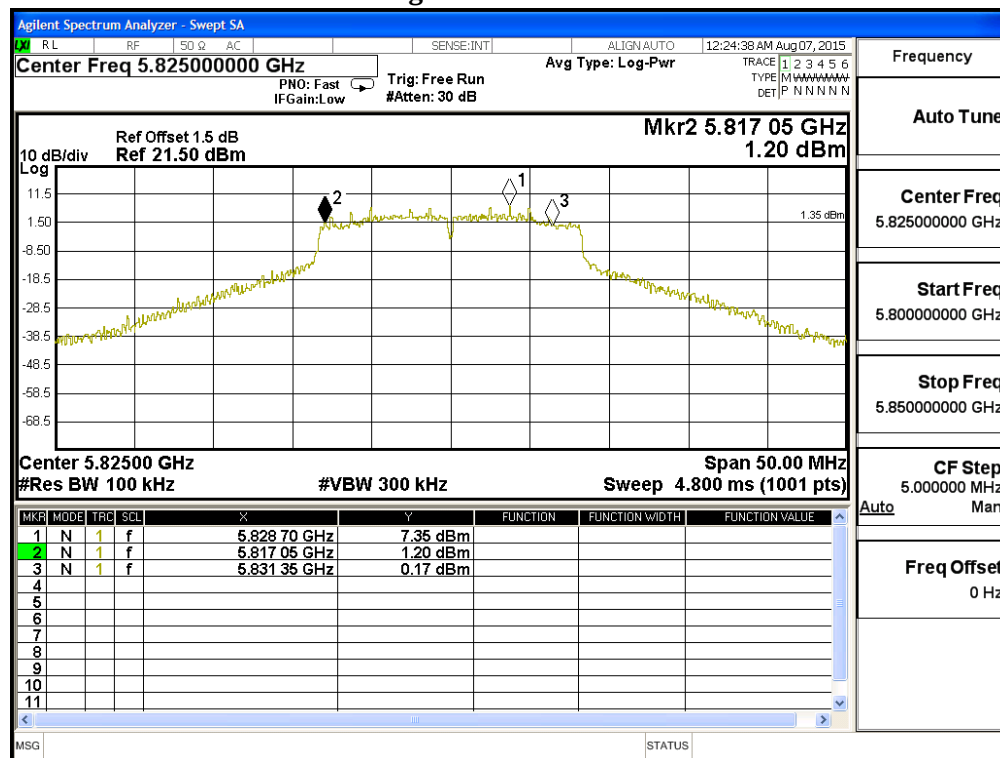
Figure Channel 157:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11a-6Mbps) (5825MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 165         | 5825.00         | 15250                   | >500                 | Pass   |

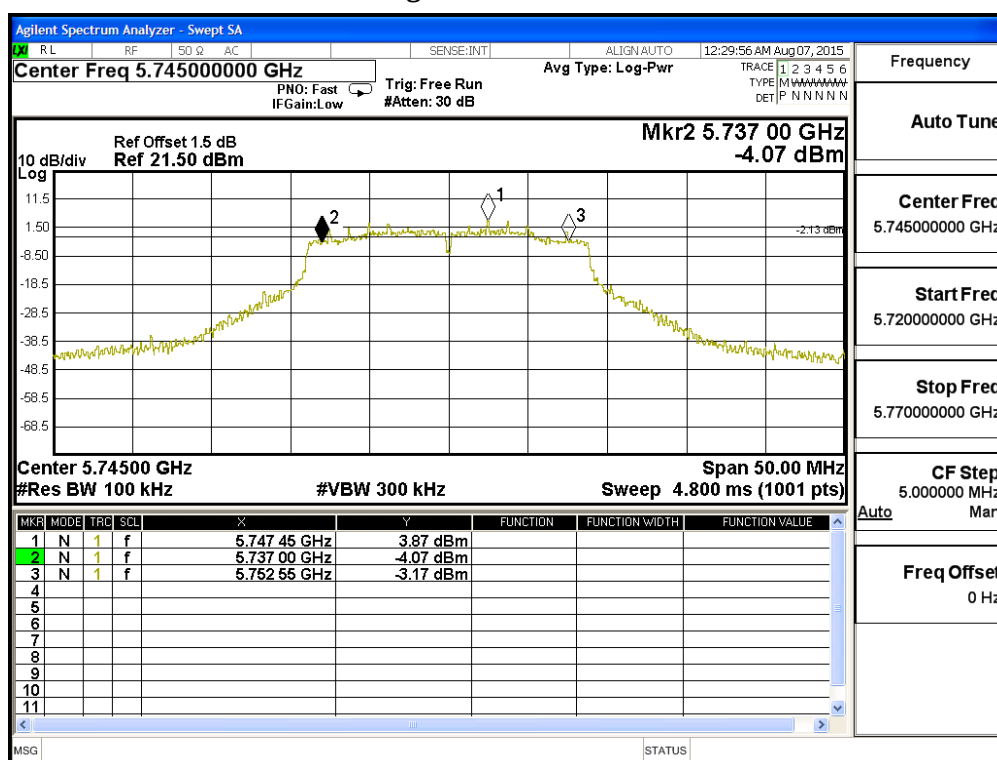
Figure Channel 165:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 149         | 5745.00         | 15200                   | >500                 | Pass   |

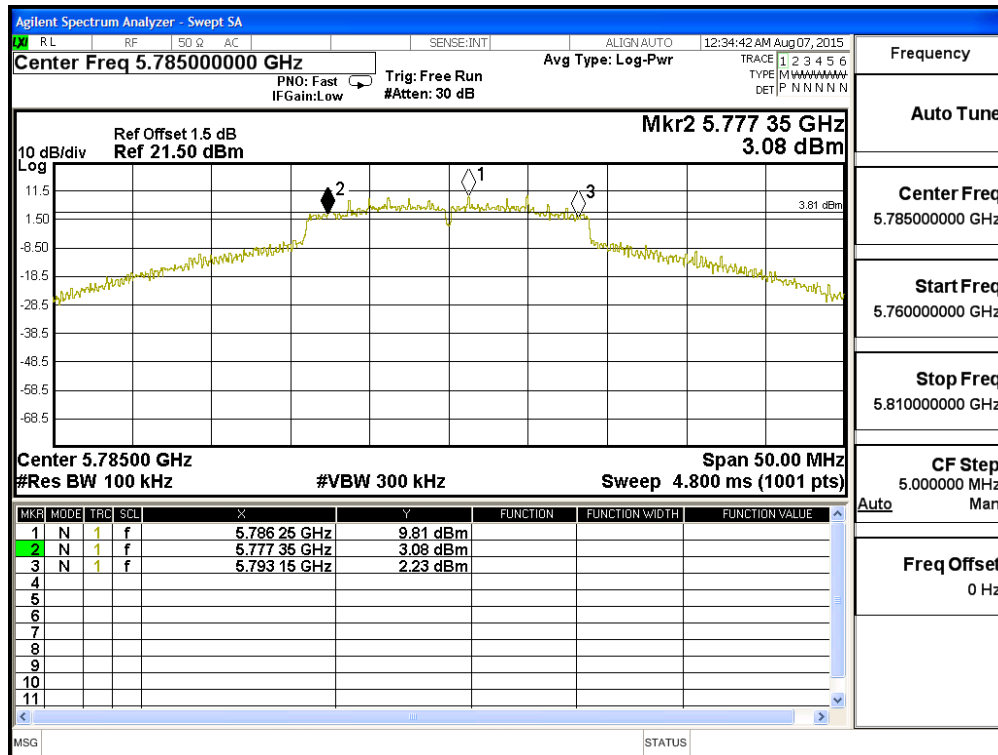
Figure Channel 149:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 157         | 5785.00         | 17350                   | >500                 | Pass   |

Figure Channel 157:

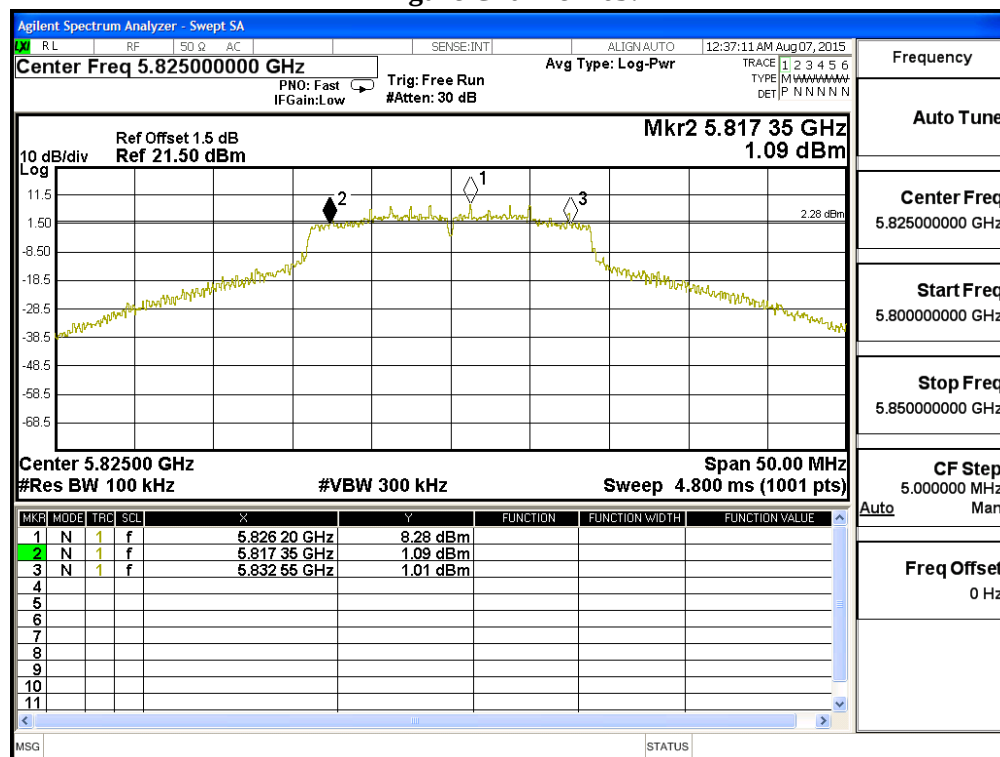




Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 165         | 5825.00         | 15200                   | >500                 | Pass   |

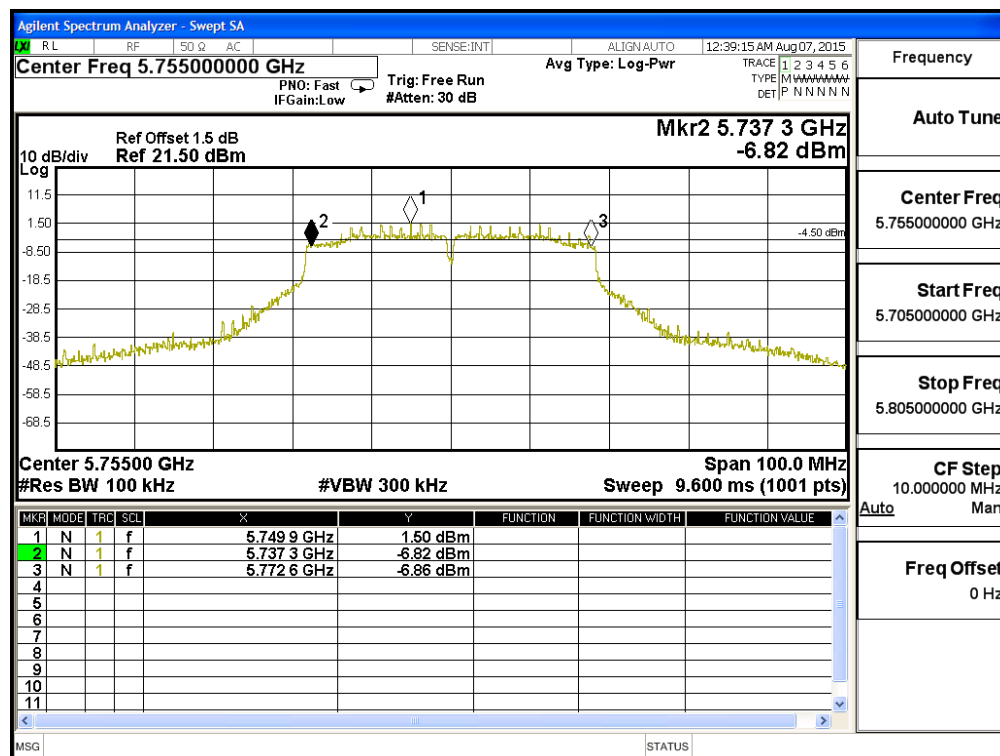
**Figure Channel 165:**



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5755MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 151         | 5755.00         | 35300                   | >500                 | Pass   |

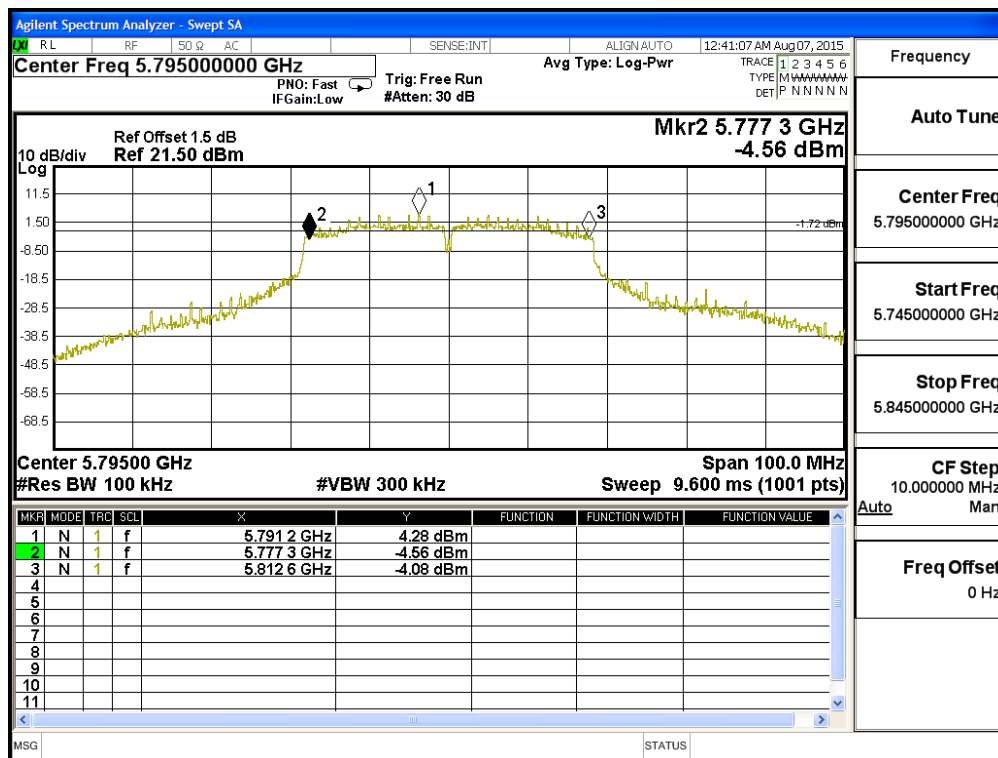
**Figure Channel 151:**



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW 15Mbps) (5795MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 159         | 5795.00         | 35300                   | >500                 | Pass   |

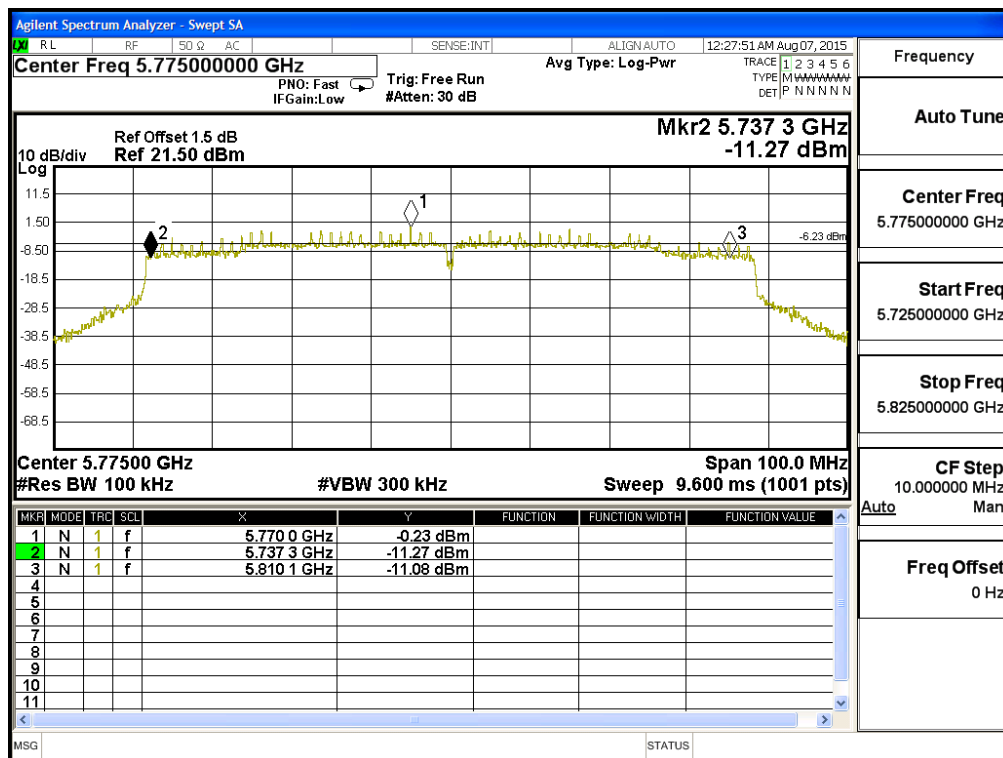
Figure Channel 159:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1 SISO A: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 155         | 5775.00         | 69100                   | >500                 | Pass   |

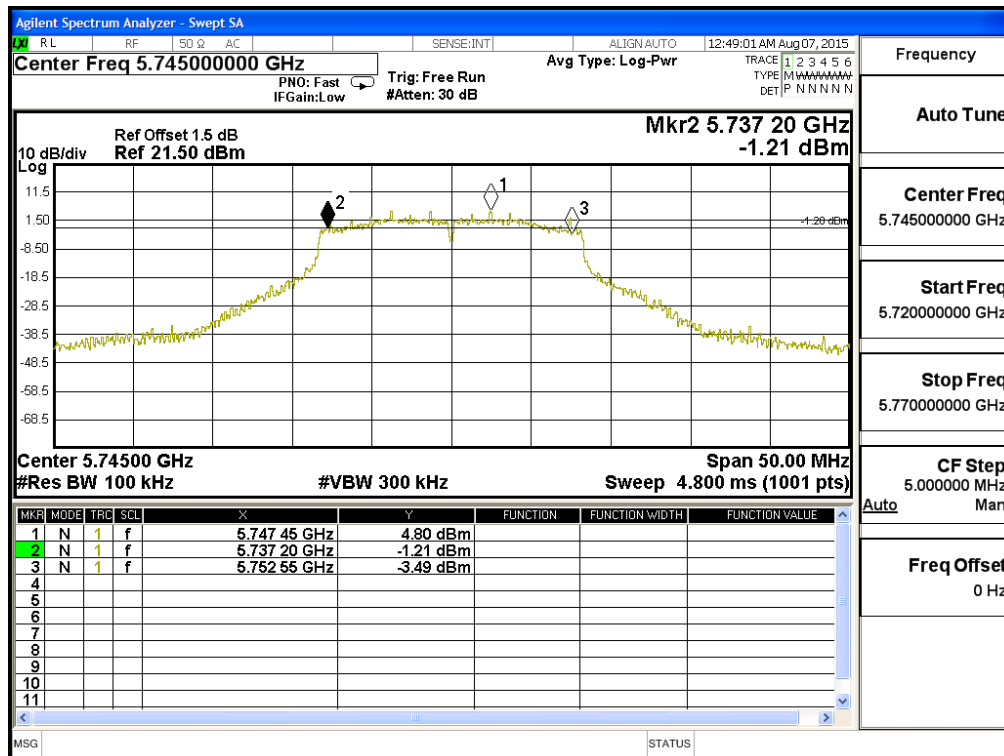
Figure Channel 155:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5745MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 149         | 5745.00         | 15450                   | >500                 | Pass   |

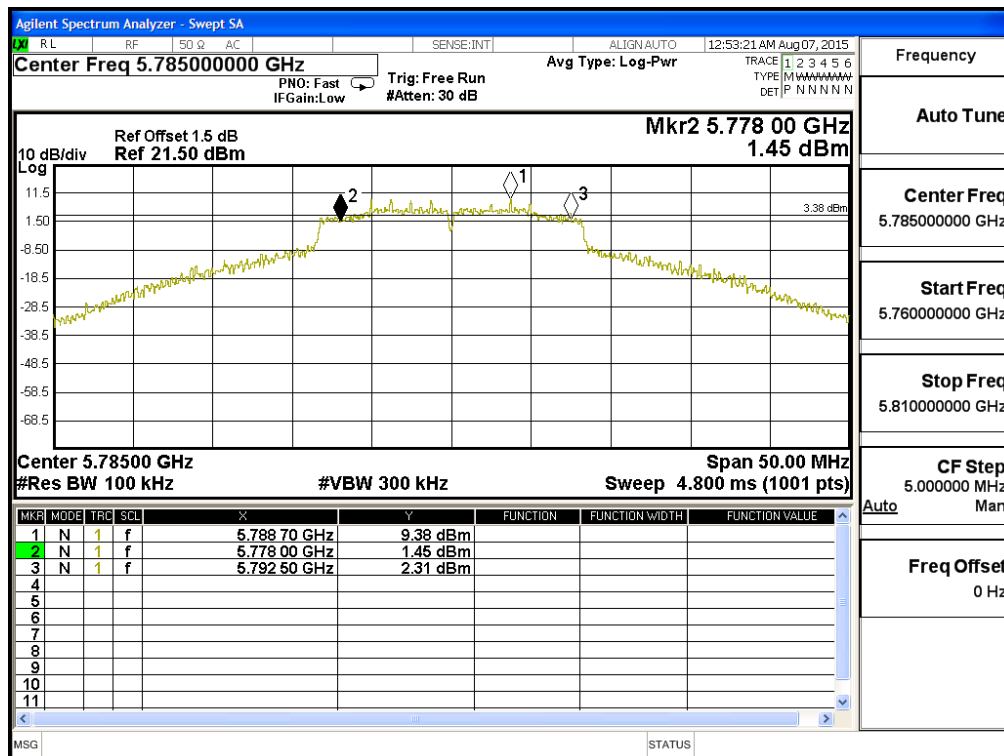
Figure Channel 149:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5785MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 157         | 5785.00         | 15150                   | >500                 | Pass   |

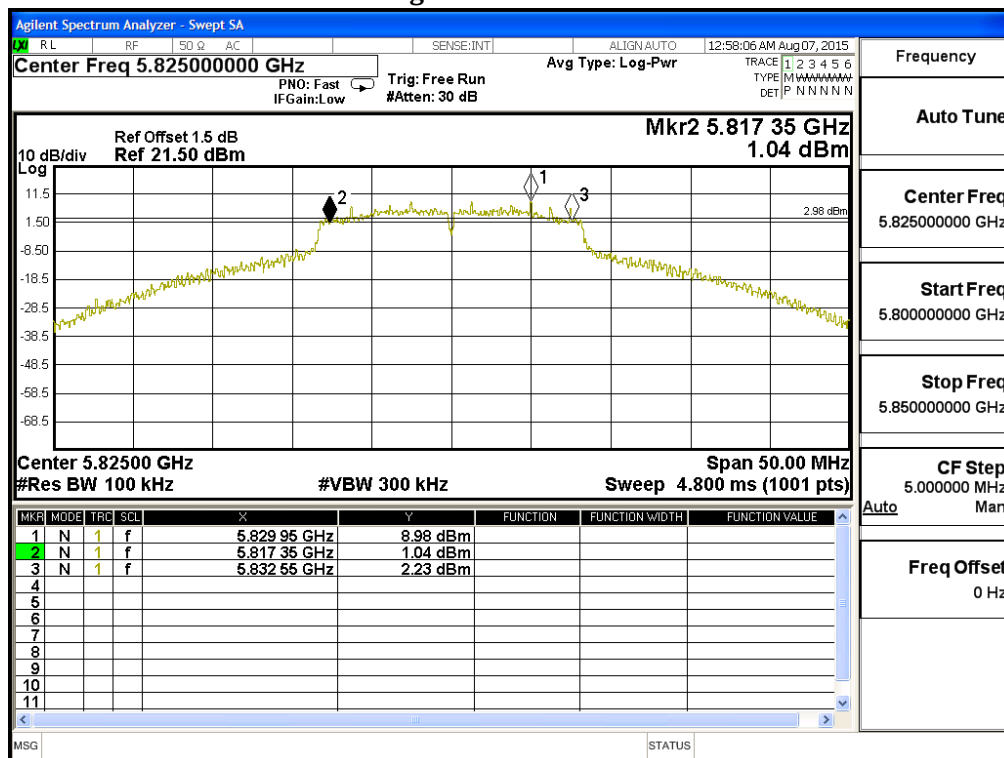
Figure Channel 157:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11a-6Mbps) (5825MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 165         | 5825.00         | 13950                   | >500                 | Pass   |

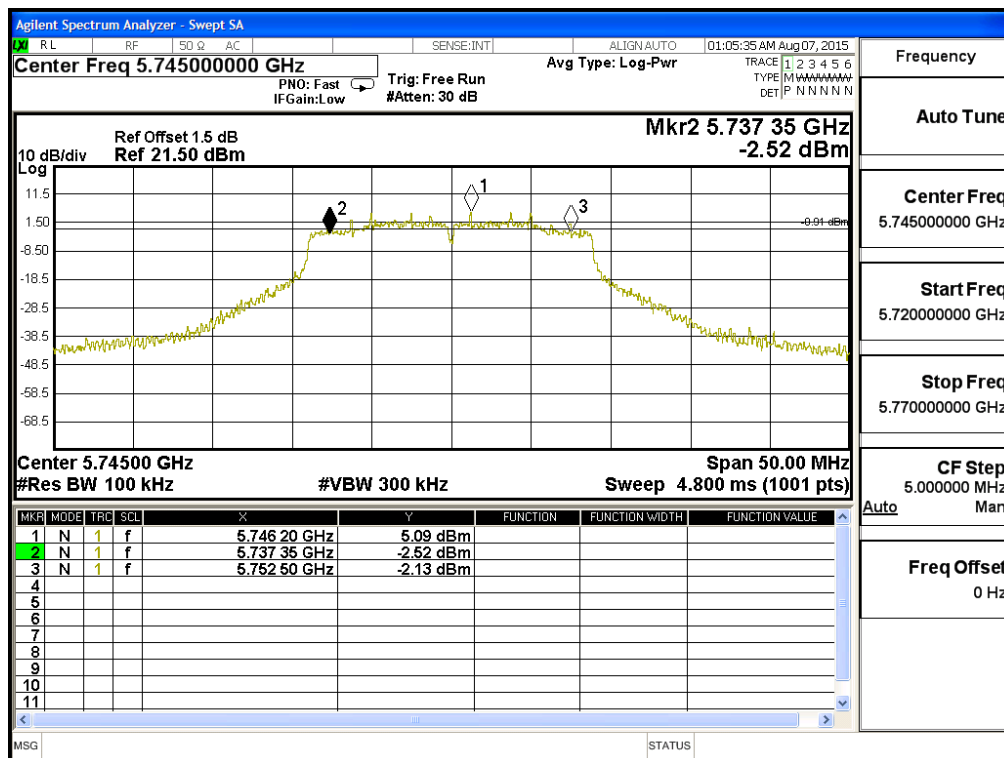
Figure Channel 165:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 149         | 5745.00         | 15200                   | >500                 | Pass   |

Figure Channel 149:

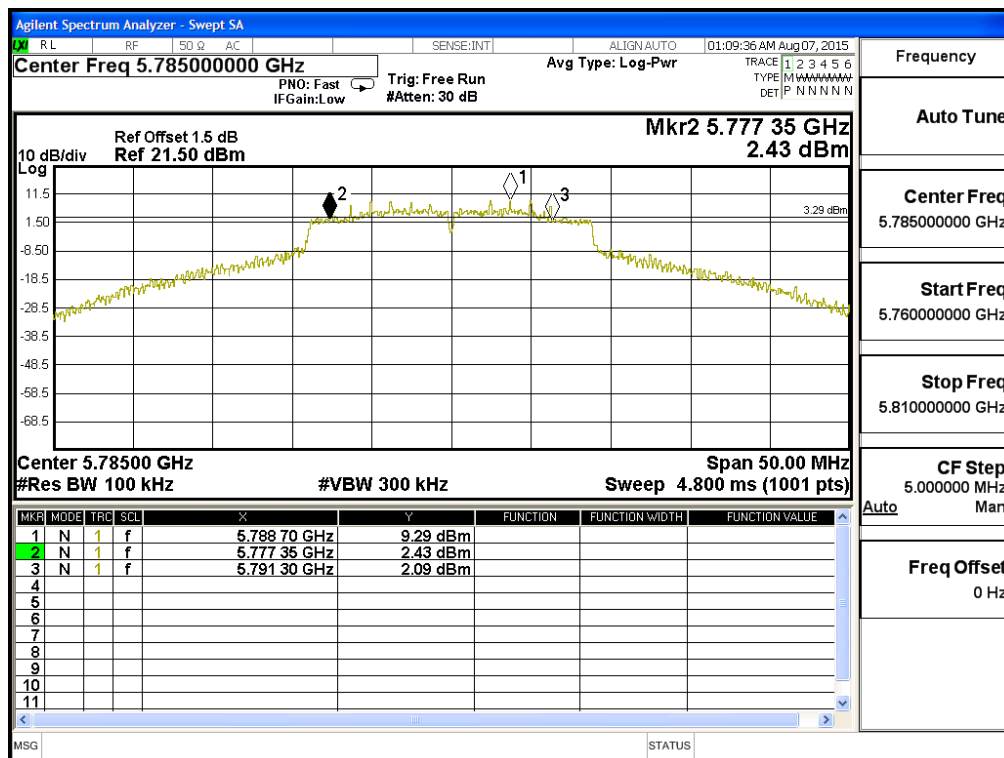




Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 157         | 5785.00         | 15150                   | >500                 | Pass   |

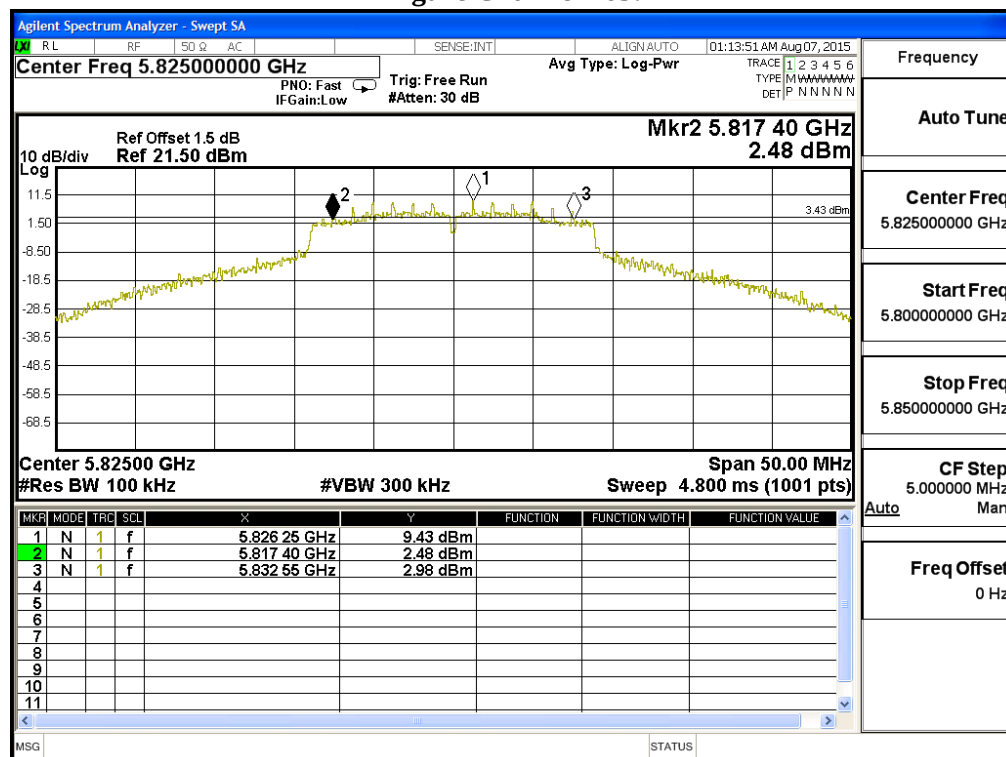
Figure Channel 157:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 165         | 5825.00         | 15150                   | >500                 | Pass   |

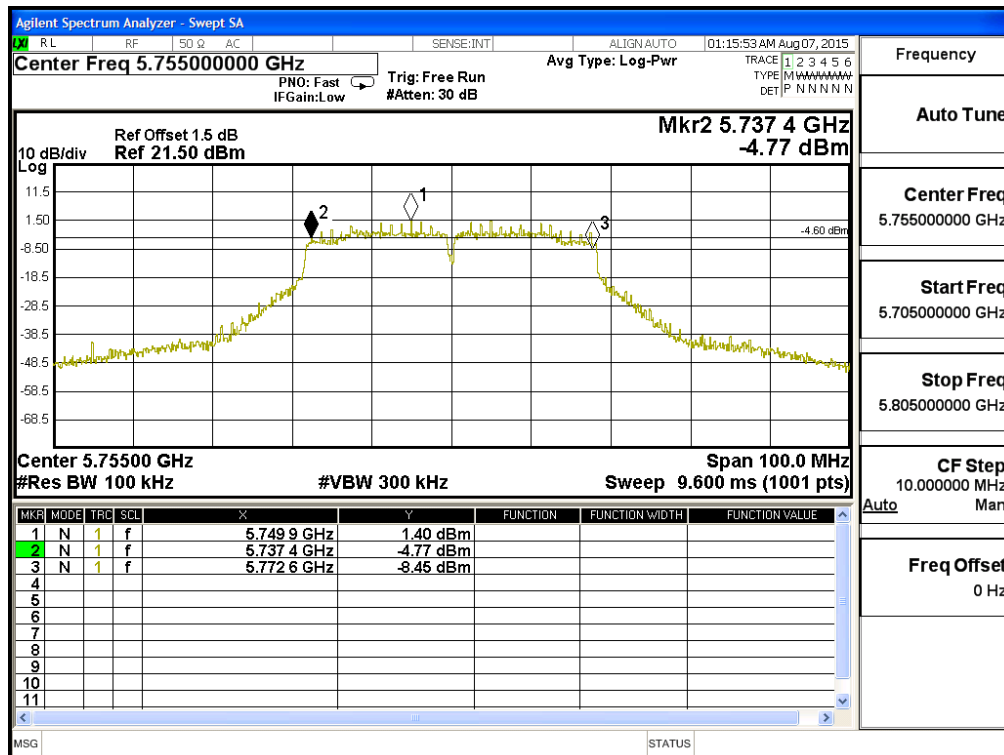
Figure Channel 165:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5755MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 151         | 5755.00         | 35300                   | >500                 | Pass   |

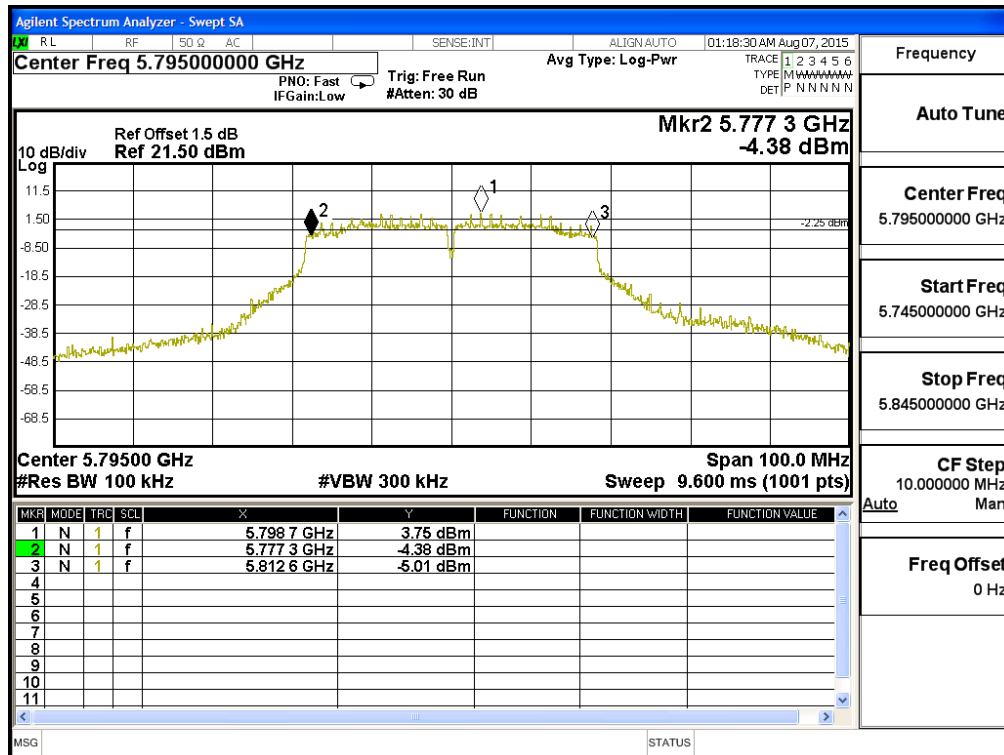
Figure Channel 151:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW 15Mbps) (5795MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 159         | 5795.00         | 35300                   | >500                 | Pass   |

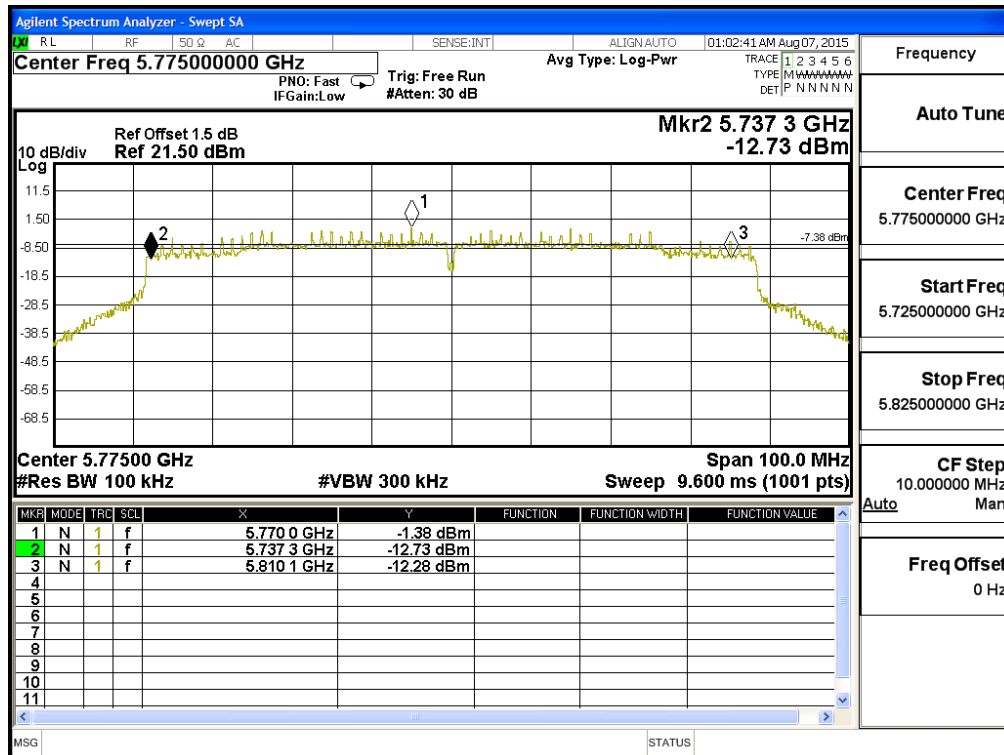
Figure Channel 159:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2 SISO B: Transmit (802.11ac-80BW-32.5Mbps) (5775MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 155         | 5775.00         | 72800                   | >500                 | Pass   |

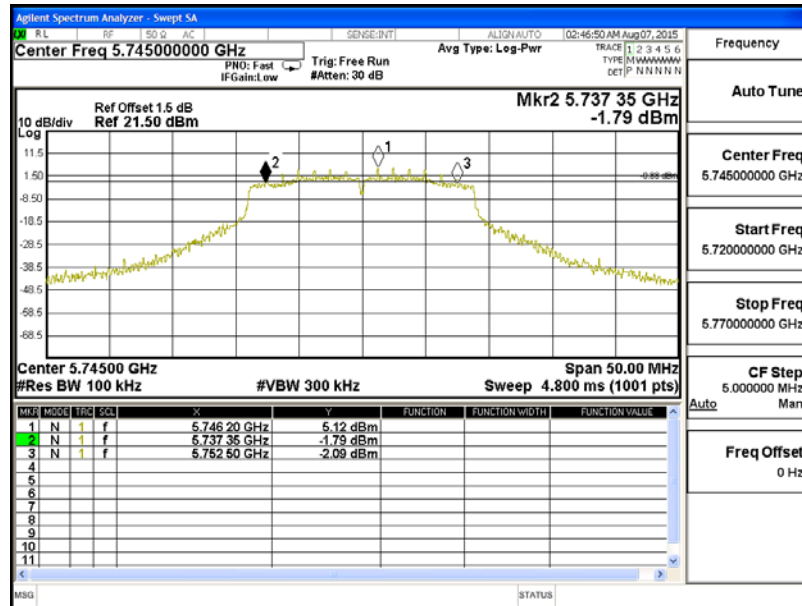
Figure Channel 155:



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5745MHz)

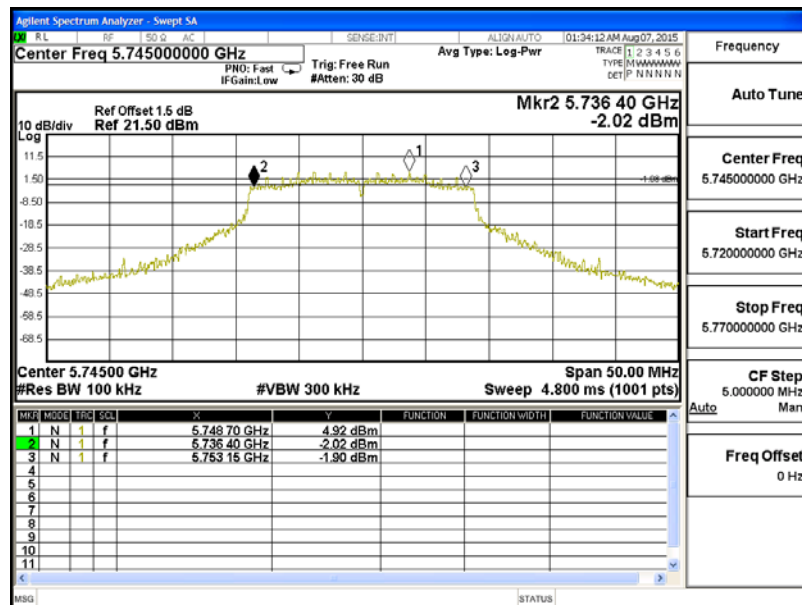
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 149         | 5745.00         | 15100                   | >500                 | Pass   |

Figure Channel 149: (Chain A)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 149         | 5745.00         | 16750                   | >500                 | Pass   |

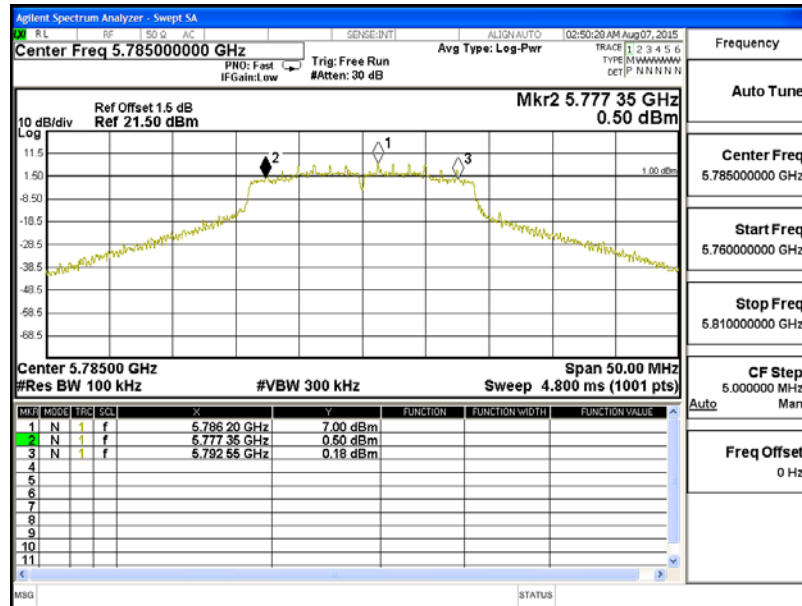
Figure Channel 149: (Chain B)



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5785MHz)

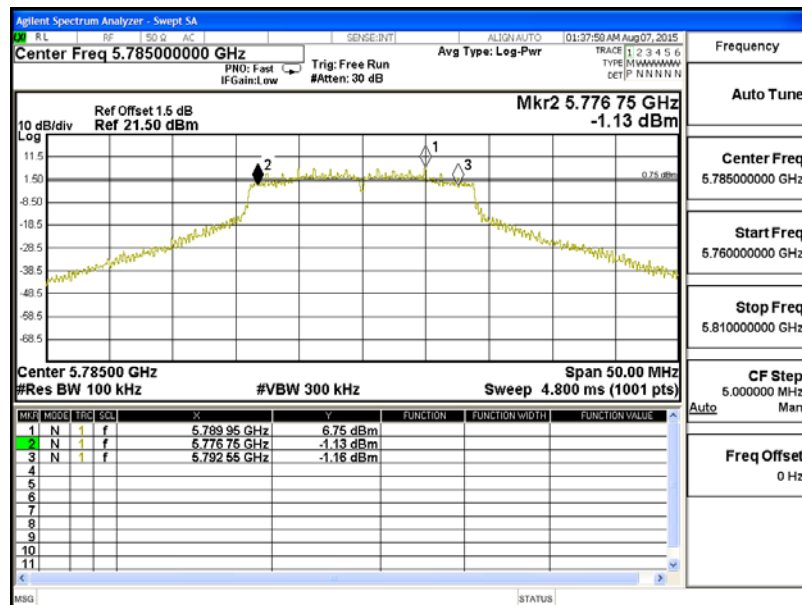
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 157         | 5785.00         | 15200                   | >500                 | Pass   |

Figure Channel 157: (Chain A)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 157         | 5785.00         | 15800                   | >500                 | Pass   |

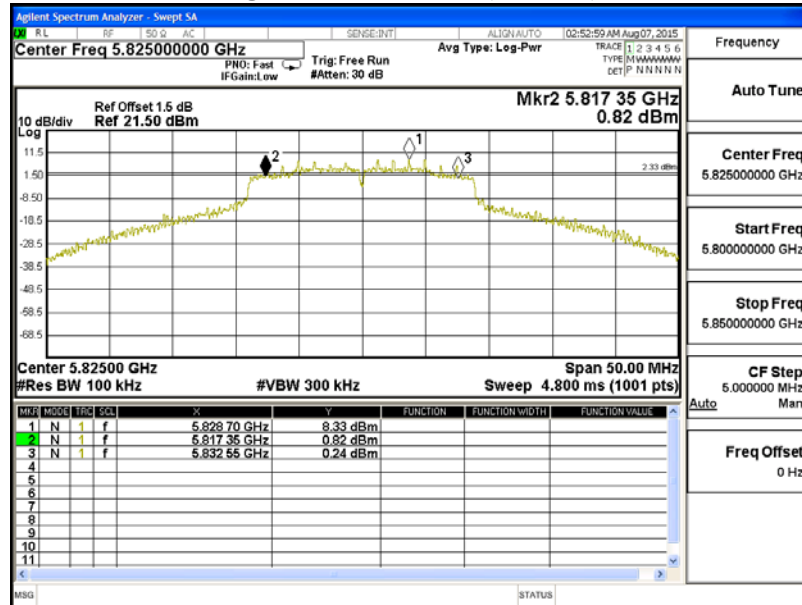
Figure Channel 157: (ChainB)



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3 MIMO: Transmit (802.11n-20BW 14.4Mbps) (5825MHz)

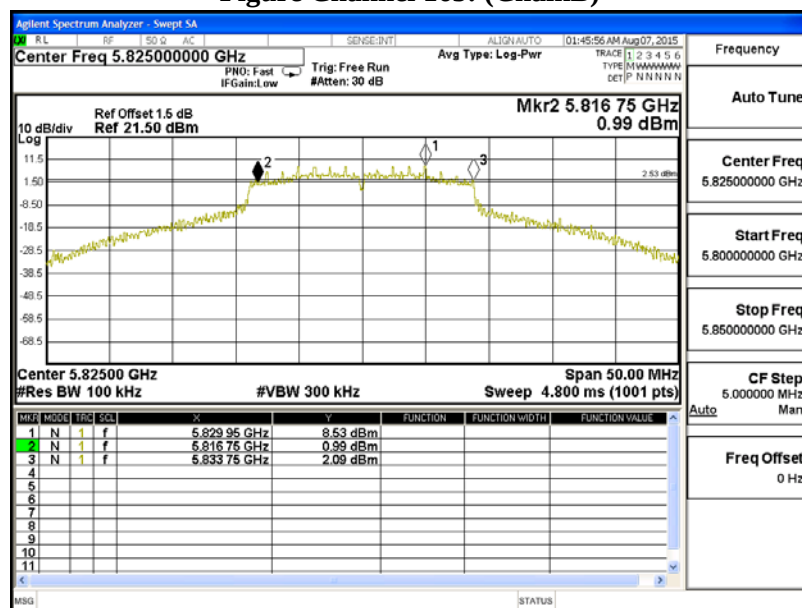
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 165         | 5825.00         | 15200                   | >500                 | Pass   |

Figure Channel 165: (ChainA)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 165         | 5825.00         | 17000                   | >500                 | Pass   |

Figure Channel 165: (ChainB)

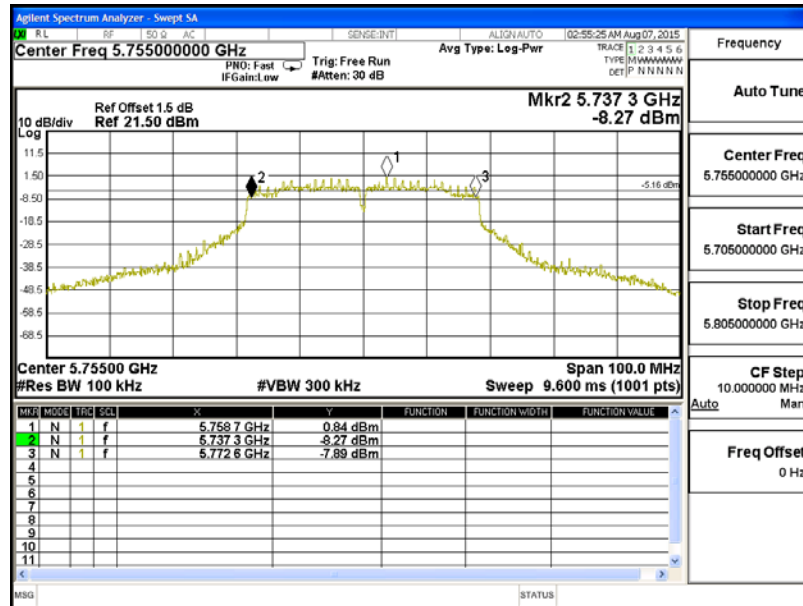




Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) (5755MHz)

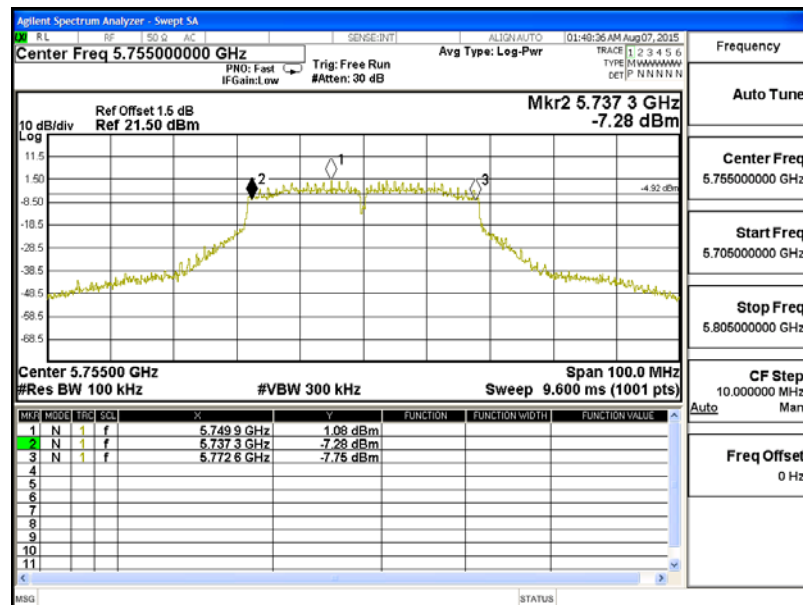
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 151         | 5755.00         | 35300                   | >500                 | Pass   |

Figure Channel 151: (ChainA)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 151         | 5755.00         | 35300                   | >500                 | Pass   |

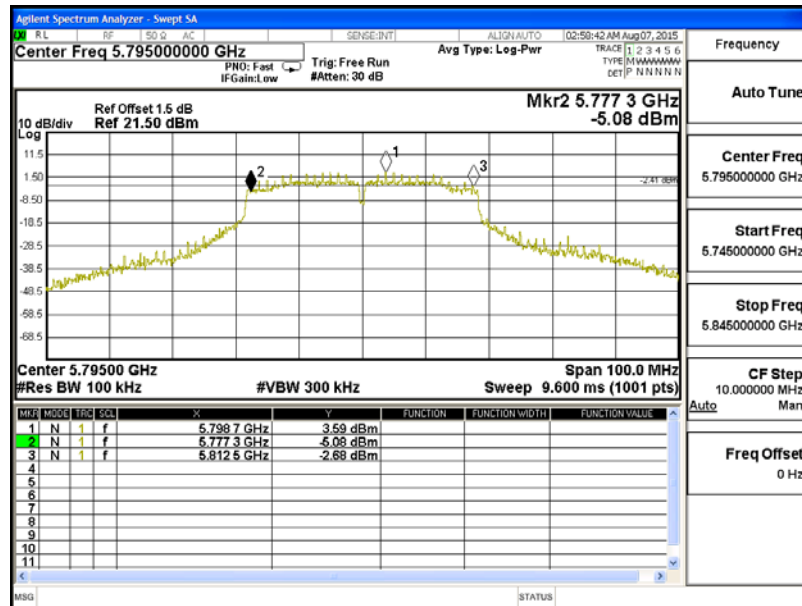
Figure Channel 151: (ChainB)



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3 MIMO: Transmit (802.11n-40BW 30Mbps) (5795MHz)

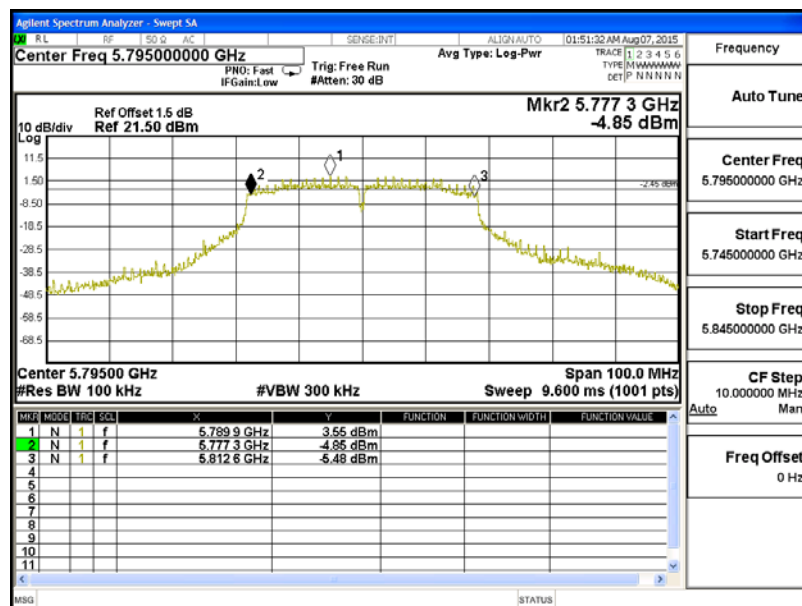
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 159         | 5795.00         | 35200                   | >500                 | Pass   |

Figure Channel 159: (ChainA)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 159         | 5795.00         | 35300                   | >500                 | Pass   |

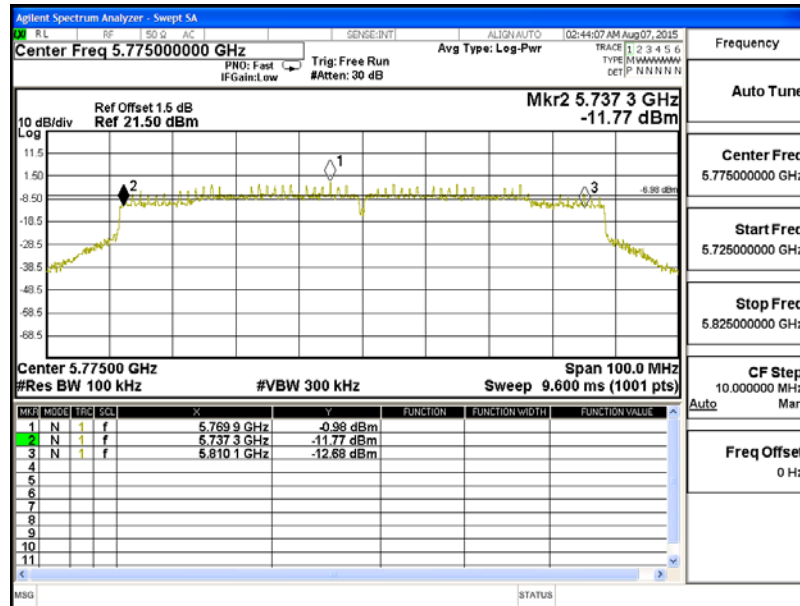
Figure Channel 159: (ChainB)



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3 MIMO: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

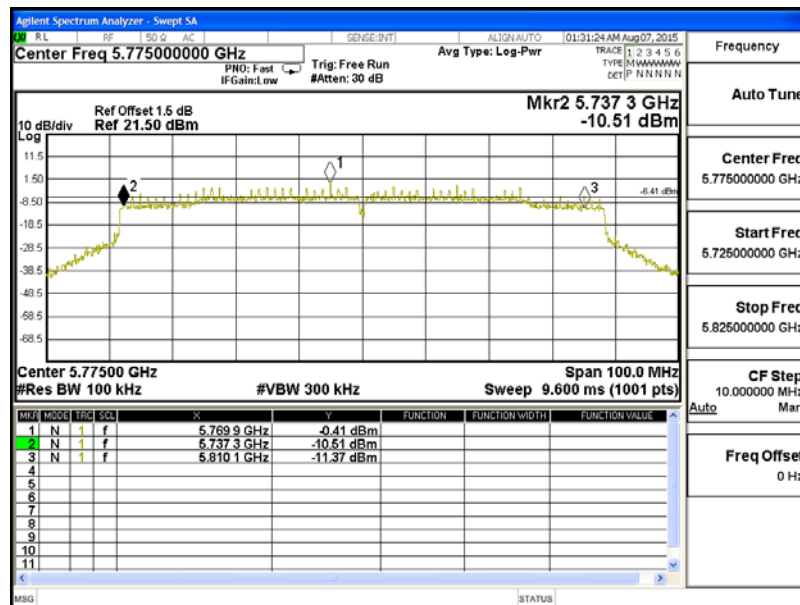
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 155         | 5775.00         | 72800                   | >500                 | Pass   |

Figure Channel 155: (ChainA)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 155         | 5775.00         | 72800                   | >500                 | Pass   |

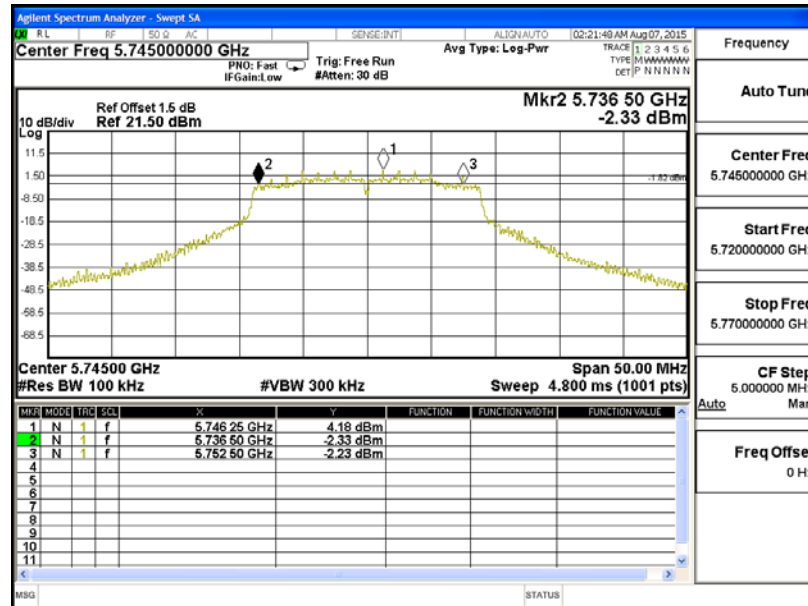
Figure Channel 155: (ChainB)



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5745MHz)

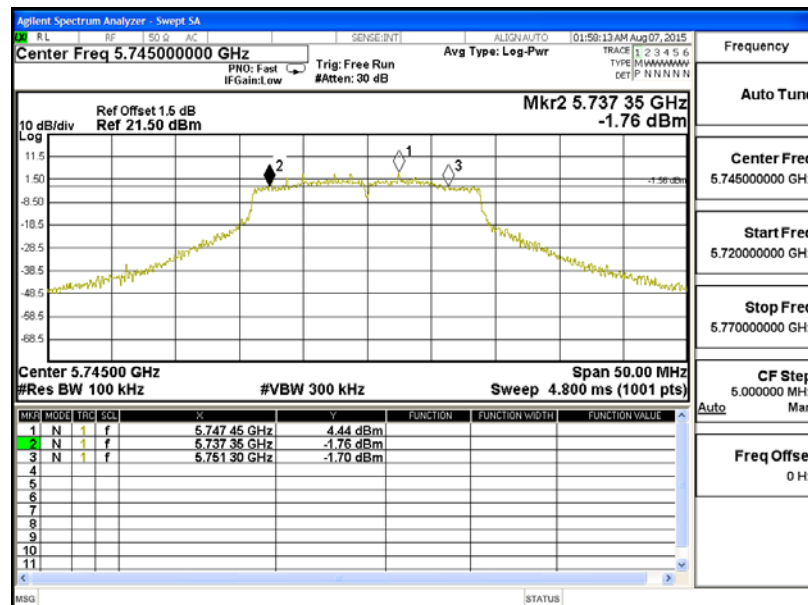
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 149         | 5745.00         | 16000                   | >500                 | Pass   |

Figure Channel 149: (Chain A)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 149         | 5745.00         | 13950                   | >500                 | Pass   |

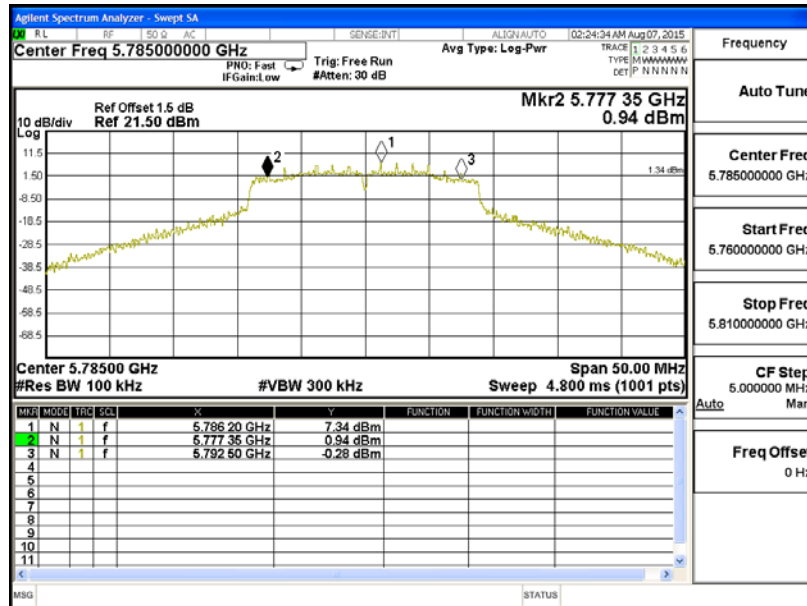
Figure Channel 149: (Chain B)



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5785MHz)

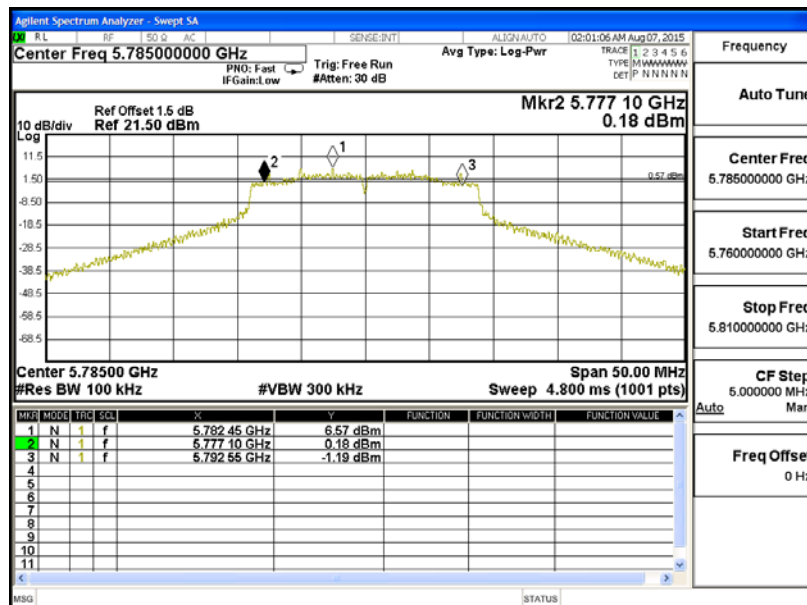
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 157         | 5785.00         | 15150                   | >500                 | Pass   |

Figure Channel 157: (Chain A)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 157         | 5785.00         | 15450                   | >500                 | Pass   |

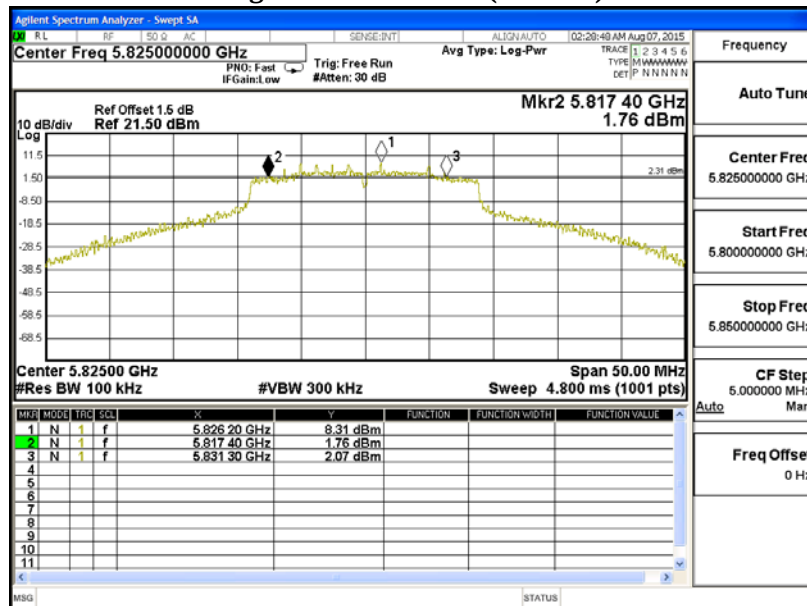
Figure Channel 157: (ChainB)



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-20BW 14.4Mbps) (5825MHz)

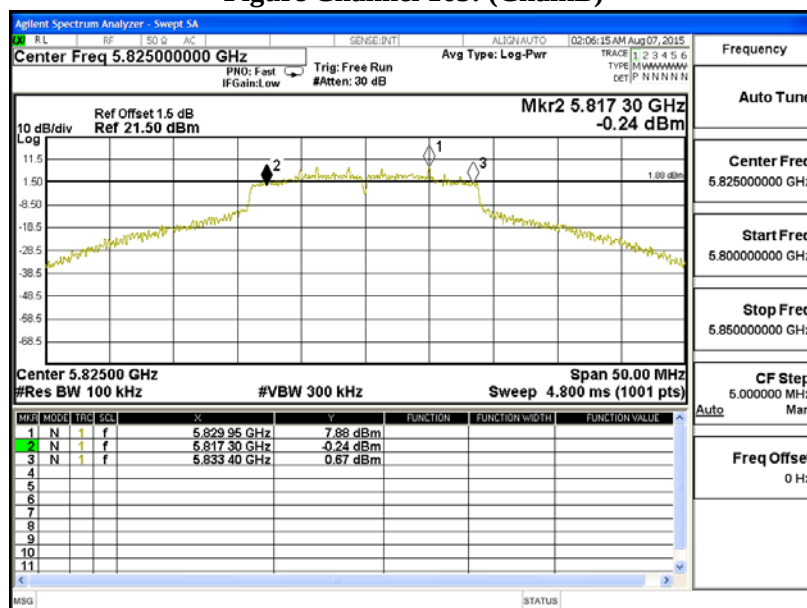
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 165         | 5825.00         | 13900                   | >500                 | Pass   |

Figure Channel 165: (ChainA)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 165         | 5825.00         | 16100                   | >500                 | Pass   |

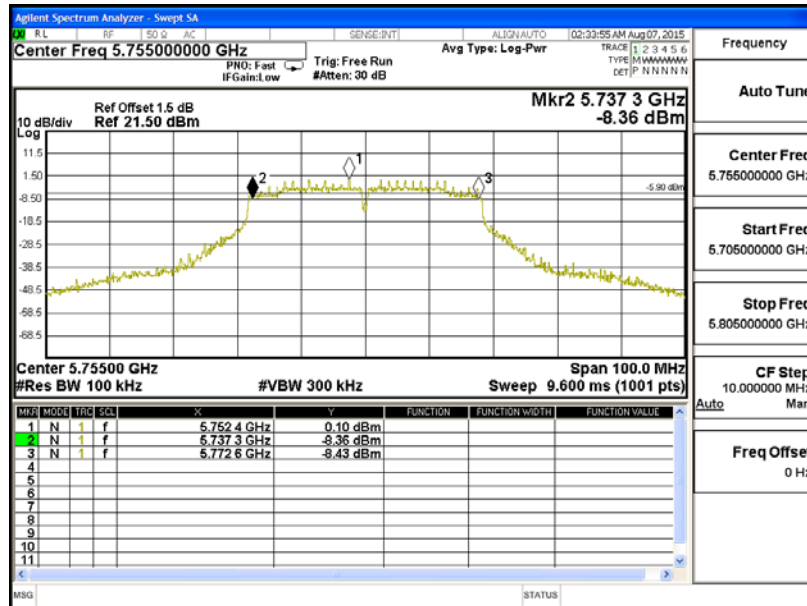
Figure Channel 165: (ChainB)



Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps) (5755MHz)

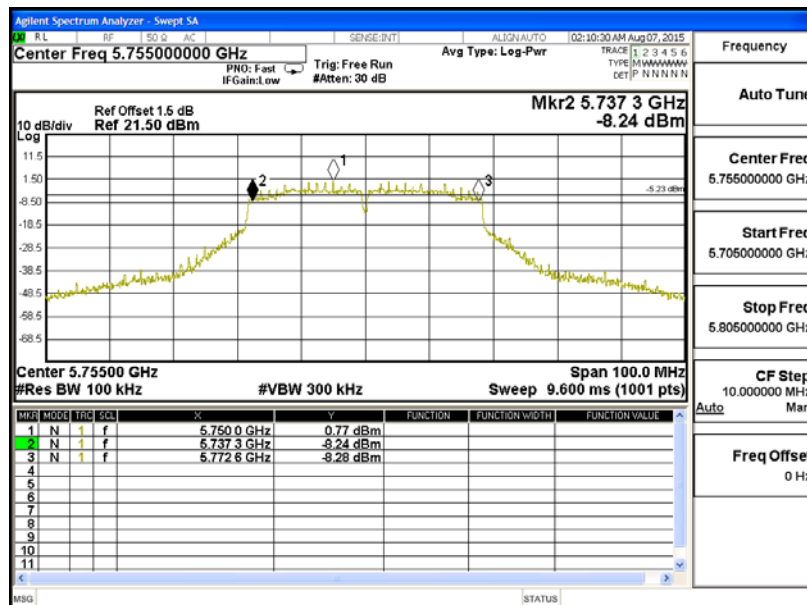
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 151         | 5755.00         | 35300                   | >500                 | Pass   |

Figure Channel 151: (ChainA)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 151         | 5755.00         | 35300                   | >500                 | Pass   |

Figure Channel 151: (ChainB)

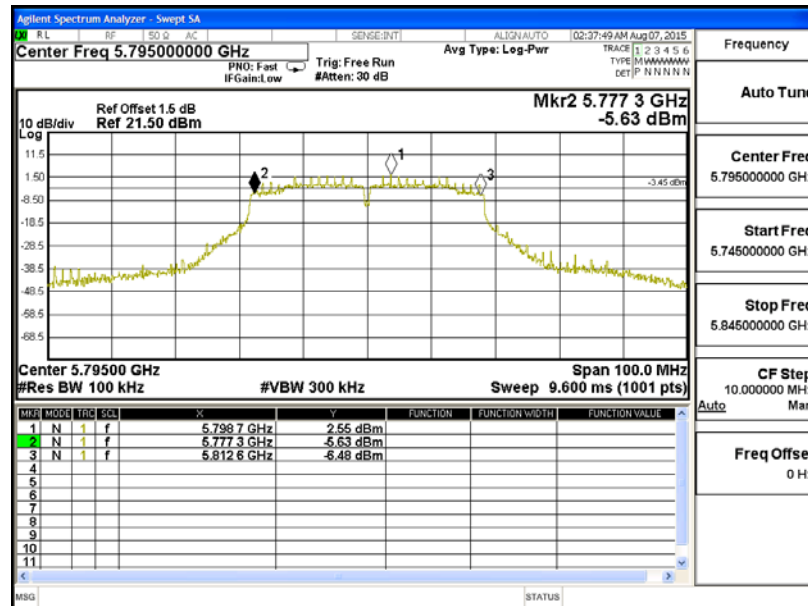




Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit (802.11n-40BW 30Mbps) (5795MHz)

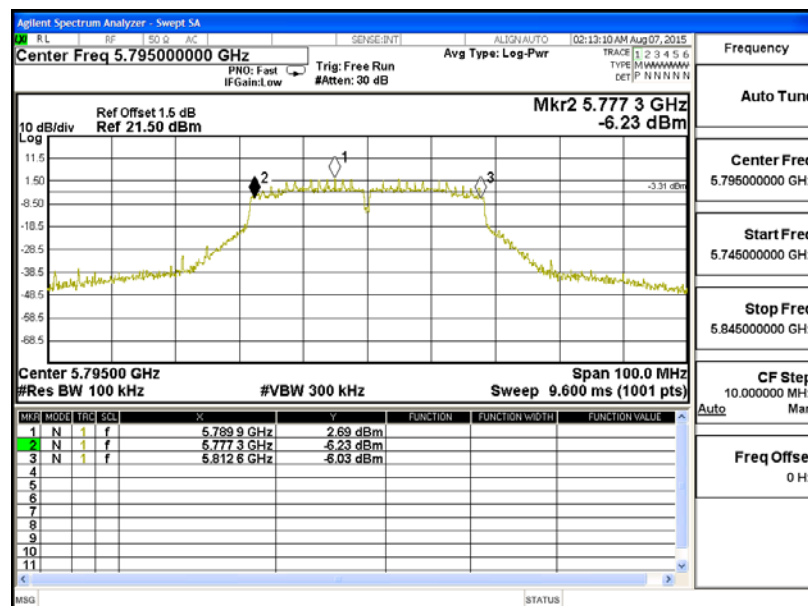
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 159         | 5795.00         | 35300                   | >500                 | Pass   |

Figure Channel 159: (ChainA)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 159         | 5795.00         | 35300                   | >500                 | Pass   |

Figure Channel 159: (ChainB)

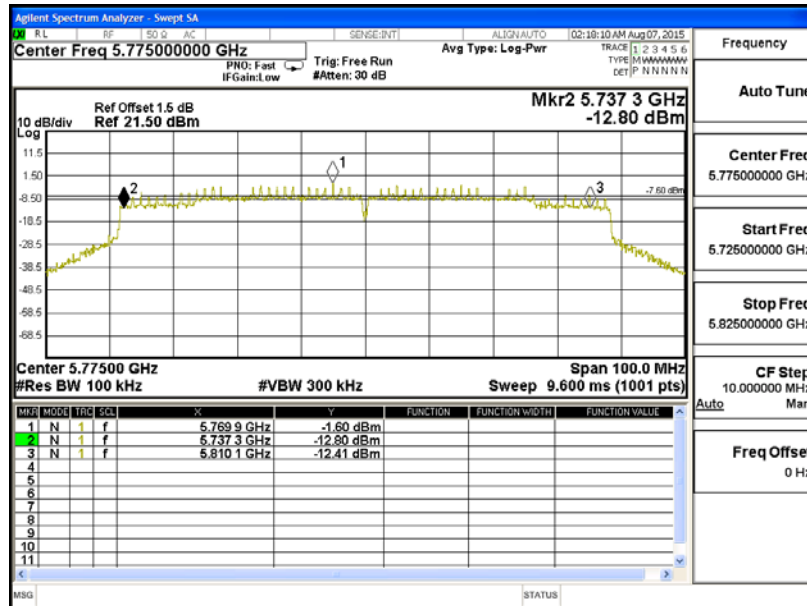




Product : Intel® Dual Band Wireless-AC 8260  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 4 Beamforming: Transmit (802.11ac-80BW-65Mbps) (5775MHz)

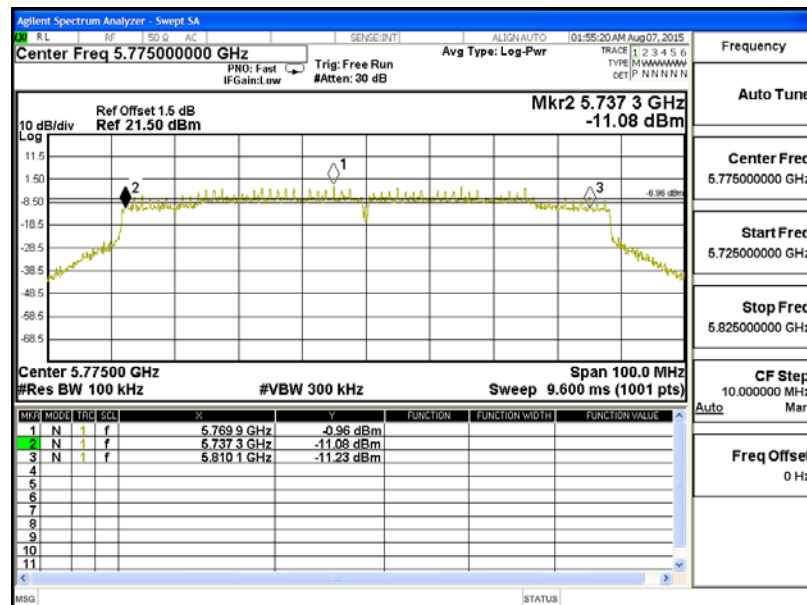
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 155         | 5775.00         | 72800                   | >500                 | Pass   |

Figure Channel 155: (ChainA)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 155         | 5775.00         | 72800                   | >500                 | Pass   |

Figure Channel 155: (ChainB)



## 8. Frequency Stability

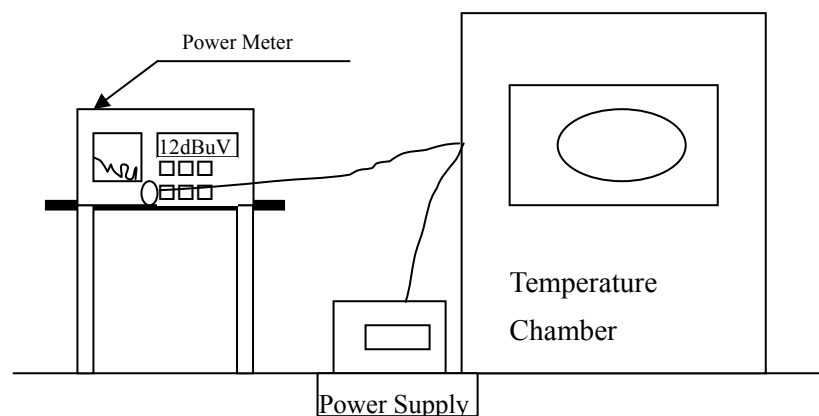
### 8.1. Test Equipment

|   | 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 |

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.

### 8.2. Test Setup



### 8.3. Limits

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified

### 8.4. Test Procedure

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

### 8.5. Uncertainty

$\pm 150$  Hz

## 8.6. Test Result of Frequency Stability

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Frequency Stability  
Test Site : Temperature Chamber  
Test Mode : Carrier Wave

### Chain A

| Test Conditions |             | Channel | Frequency (MHz) | Frequency (MHz) | $\Delta F$ (MHz) |
|-----------------|-------------|---------|-----------------|-----------------|------------------|
| Tnom (20) oC    | Vnom (120)V | 149     | 5745.0000       | 5745.0024       | -0.0024          |
|                 |             | 151     | 5755.0000       | 5755.0054       | -0.0054          |
|                 |             | 155     | 5775.0000       | 5775.0029       | -0.0029          |
|                 |             | 157     | 5785.0000       | 5785.0025       | -0.0025          |
|                 |             | 159     | 5795.0000       | 5795.0024       | -0.0024          |
|                 |             | 165     | 5825.0000       | 5825.0347       | -0.0347          |
| Tnom (70) oC    | Vnom (138)V | 149     | 5745.0000       | 5745.0034       | -0.0034          |
|                 |             | 151     | 5755.0000       | 5755.0021       | -0.0021          |
|                 |             | 155     | 5775.0000       | 5775.0057       | -0.0057          |
|                 |             | 157     | 5785.0000       | 5785.0025       | -0.0025          |
|                 |             | 159     | 5795.0000       | 5795.0035       | -0.0035          |
|                 |             | 165     | 5825.0000       | 5825.0034       | -0.0034          |
| Tnom (70) oC    | Vnom (102)V | 149     | 5745.0000       | 5745.0066       | -0.0066          |
|                 |             | 151     | 5755.0000       | 5755.0027       | -0.0027          |
|                 |             | 155     | 5775.0000       | 5775.0039       | -0.0039          |
|                 |             | 157     | 5785.0000       | 5785.0025       | -0.0025          |
|                 |             | 159     | 5795.0000       | 5795.0088       | -0.0088          |
|                 |             | 165     | 5825.0000       | 5825.0078       | -0.0078          |
| Tnom (-10) oC   | Vnom (138)V | 149     | 5745.0000       | 5745.0025       | -0.0025          |
|                 |             | 151     | 5755.0000       | 5755.0057       | -0.0057          |
|                 |             | 157     | 5785.0000       | 5785.0029       | -0.0029          |
|                 |             | 155     | 5775.0000       | 5775.0105       | -0.0105          |
|                 |             | 159     | 5795.0000       | 5795.0027       | -0.0027          |
|                 |             | 165     | 5825.0000       | 5825.0059       | -0.0059          |
| Tnom (-10) oC   | Vnom (102)V | 149     | 5745.0000       | 5745.0025       | -0.0025          |
|                 |             | 151     | 5755.0000       | 5755.0057       | -0.0057          |
|                 |             | 157     | 5785.0000       | 5785.0029       | -0.0029          |
|                 |             | 155     | 5775.0000       | 5775.0304       | -0.0304          |
|                 |             | 159     | 5795.0000       | 5795.0027       | -0.0027          |
|                 |             | 165     | 5825.0000       | 5825.0059       | -0.0059          |

Product : Intel® Dual Band Wireless-AC 8260  
Test Item : Frequency Stability  
Test Site : Temperature Chamber  
Test Mode : Carrier Wave

**Chain B**

| Test Conditions |             | Channel | Frequency (MHz) | Frequency (MHz) | $\Delta F$ (MHz) |
|-----------------|-------------|---------|-----------------|-----------------|------------------|
| Tnom (20) oC    | Vnom (120)V | 149     | 5745.0000       | 5745.0022       | -0.0022          |
|                 |             | 151     | 5755.0000       | 5755.0056       | -0.0056          |
|                 |             | 155     | 5775.0000       | 5775.0023       | -0.0023          |
|                 |             | 157     | 5785.0000       | 5785.0025       | -0.0025          |
|                 |             | 159     | 5795.0000       | 5795.0027       | -0.0027          |
|                 |             | 165     | 5825.0000       | 5825.0347       | -0.0347          |
| Tnom (70) oC    | Vnom (138)V | 149     | 5745.0000       | 5745.0033       | -0.0033          |
|                 |             | 151     | 5755.0000       | 5755.0021       | -0.0021          |
|                 |             | 155     | 5775.0000       | 5775.0054       | -0.0054          |
|                 |             | 157     | 5785.0000       | 5785.0028       | -0.0028          |
|                 |             | 159     | 5795.0000       | 5795.0035       | -0.0035          |
|                 |             | 165     | 5825.0000       | 5825.0033       | -0.0033          |
| Tnom (70) oC    | Vnom (102)V | 149     | 5745.0000       | 5745.0066       | -0.0066          |
|                 |             | 151     | 5755.0000       | 5755.0028       | -0.0028          |
|                 |             | 155     | 5775.0000       | 5775.0035       | -0.0035          |
|                 |             | 157     | 5785.0000       | 5785.0025       | -0.0025          |
|                 |             | 159     | 5795.0000       | 5795.0088       | -0.0088          |
|                 |             | 165     | 5825.0000       | 5825.0072       | -0.0072          |
| Tnom (-10) oC   | Vnom (138)V | 149     | 5745.0000       | 5745.0021       | -0.0021          |
|                 |             | 151     | 5755.0000       | 5755.0050       | -0.0050          |
|                 |             | 155     | 5775.0000       | 5775.0108       | -0.0108          |
|                 |             | 157     | 5785.0000       | 5785.0029       | -0.0029          |
|                 |             | 159     | 5795.0000       | 5795.0025       | -0.0025          |
|                 |             | 165     | 5825.0000       | 5825.0057       | -0.0057          |
| Tnom (-10) oC   | Vnom (102)V | 149     | 5745.0000       | 5745.0025       | -0.0025          |
|                 |             | 151     | 5755.0000       | 5755.0054       | -0.0054          |
|                 |             | 155     | 5775.0000       | 5775.0302       | -0.0302          |
|                 |             | 157     | 5785.0000       | 5785.0029       | -0.0029          |
|                 |             | 159     | 5795.0000       | 5795.0022       | -0.0022          |
|                 |             | 165     | 5825.0000       | 5825.0051       | -0.0051          |

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

No modification was made during testing.