

## FCC Test Report (Class II Permissive Change)

Product Name	INTEL DUAL BAND WIRELESS-AC 7265
Model No	7265NGW
FCC ID.	MSQ7265NG

Applicant	ASUSTeK COMPUTER INC.
Address	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan

Date of Receipt	July 08, 2015
Issue Date	Aug. 26, 2015
Report No.	1570250R-RFUSP25V00
Report Version	V1.0



The test results relate only to the samples tested.  
The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.  
This report must not be used to claim product endorsement by TAF or any agency of the government.  
The test report shall not be reproduced without the written approval of QuieTek Corporation.

# Test Report

Issue Date: Aug. 26, 2015

Report No.: 1570250R-RFUSP25V00



Product Name	INTEL DUAL BAND WIRELESS-AC 7265
Applicant	ASUSTeK COMPUTER INC.
Address	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan
Manufacturer	Intel Mobile Communications
Model No.	7265NGW
EUT Rated Voltage	DC 3.3V
EUT Test Voltage	AC 120V/60Hz
Trade Name	Intel
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C: 2013 ANSI C63.4: 2014, ANSI C63.10: 2013 KDB 558074 D01 DTS Meas Guidance v03r03
Test Result	Complied

Documented By :

*Rita Huang*

( Senior Adm. Specialist / Rita Huang )

Tested By :

*Alan Chen*

( Engineer / Alan Chen )

Approved By :

*Vincent Lin*

( Director / Vincent Lin )

## TABLE OF CONTENTS

Description	Page
<b>1. GENERAL INFORMATION .....</b>	<b>4</b>
1.1. EUT Description.....	4
1.2. Operational Description .....	7
1.3. Tested System Details.....	8
1.4. Configuration of Tested System .....	8
1.5. EUT Exercise Software .....	9
1.6. Test Facility .....	10
<b>2. Peak Power Output .....</b>	<b>11</b>
2.1. Test Equipment.....	11
2.2. Test Setup .....	11
2.3. Limits .....	11
2.4. Test Procedure .....	11
2.5. Uncertainty .....	11
2.6. Test Result of Peak Power Output.....	12
<b>3. Radiated Emission.....</b>	<b>22</b>
3.1. Test Equipment.....	22
3.2. Test Setup .....	23
3.3. Limits .....	24
3.4. Test Procedure .....	25
3.5. Uncertainty .....	25
3.6. Test Result of Radiated Emission.....	26
<b>4. Band Edge .....</b>	<b>55</b>
4.1. Test Equipment.....	55
4.2. Test Setup .....	56
4.3. Limits .....	56
4.4. Test Procedure .....	57
4.5. Uncertainty .....	57
4.6. Test Result of Band Edge .....	58
<b>5. EMI Reduction Method During Compliance Testing .....</b>	<b>74</b>
Attachment 1: EUT Test Photographs	
Attachment 2: EUT Detailed Photographs	

## 1. GENERAL INFORMATION

### 1.1. EUT Description

Product Name	INTEL DUAL BAND WIRELESS-AC 7265
Trade Name	Intel
Model No.	7265NGW
FCC ID.	MSQ7265NG
Frequency Range	802.11b/g/n-20MHz:2412-2462MHz,802.11n-40MHz:2422-2452MHz 802.11a/n-20MHz:5745-5825MHz ,802.11n-40MHz:5755-5795MHz 802.11ac-80MHz: 5775MHz,
Number of Channels	802.11b/g/n-20MHz: 11, n-40MHz: 7 802.11a/n-20MHz: 5, n-40MHz: 2 802.11ac-80MHz: 1
Data Speed	802.11b: 1-11Mbps, 802.11a/g: 6-54Mbps, 802.11n: up to 300Mbps 802.11ac-80MHz: up to 866.7Mbps
Channel separation	802.11b/g/n-20(40)MHz: 5 MHz, 802.11a/n-20MHz: 20MHz 802.11an-40MHz: 40MHz, 802.11ac-80MHz: 80MHz
Type of Modulation	802.11b:DSSS, DBPSK, DQPSK, CCK 802.11a/g/n/ac: OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM
Antenna Type	PIFA Antenna
Antenna Gain	Refer to the table "Antenna List"
Channel Control	Auto
Power Adapter	MFR: ASUS, M/N: PA-1650-63 Input: AC 100-240V, 50/60Hz, 1.7A Output: 19V $\overline{=}$ 3.42A Cable out: Shielded, 1.8m
Test Platform.	Brand Name: ASUS, M/N: Q552U

#### Antenna List

Mode	Manufacturer	Part No.	Peak Gain
PAD	ACON	ANF6Y-200002(Main)(Aux)	0.75dBi For 2.4GHz -2.03dBi For 5725-5850GHz
Notebook	ACON	ANF6Y-200002(Main)(Aux)	-1.73dBi For 2.4GHz -0.27dBi For 5725-5850GHz

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

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

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 (2.4G Band) Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 1:	2422 MHz	Channel 2:	2427 MHz	Channel 3:	2432 MHz	Channel 4:	2437 MHz
Channel 5:	2442 MHz	Channel 6:	2447 MHz	Channel 7:	2452 MHz		

802.11n-40MHz (5G Band) 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

Note:

1. This device is a INTEL DUAL BAND WIRELESS-AC 7265 with a built-in 2.4GHz and 5GHz WLAN transceiver.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report. (802.11b is 1Mbps 、 802.11g is 6Mbps 、 802.11n(20M-BW) is 14.4Mbps 、 802.11n(40M-BW) is 30Mbps and 802.11ac(80M-BW) is 65 Mbps).
4. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is shown in the report.
5. The platform applies to Notebook PC mode and PAD mode. Each model through the pretest, only the worst case(2.4G:PAD mode;5G: Notebook PC mode) is shown in the test report.
6. These tests are conducted on a sample for the purpose of demonstrating compliance of 802.11a/b/g/n transmitter with Part 15 Subpart C Paragraph 15.247 of spread spectrum devices.
7. This is to request a Class II permissive change for FCC ID: MSQ7265NG, originally granted on 10/20/2014.

The major change filed under this application is:

Change #1: Additional Chassis added, Model number: Q552U

#2: Reduce the Output Power through firmware  
(only reduce Wi-Fi Power, Bluetooth power haven't changes).

#3: Addition one new antennas, the antenna type is the same, the antenna gain is lower than the original application.

Test Mode:	Mode 1: Transmit (802.11b 1Mbps)
	Mode 2: Transmit (802.11g 6Mbps)
	Mode 3: Transmit - 802.11a 6Mbps
	Mode 4: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band)
	Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band)
	Mode 6: Transmit - 802.11n-20BW_14.4Mbps(5G Band)
	Mode 7: Transmit - 802.11n-40BW_30Mbps(5G Band)
	Mode 8: Transmit - 802.11ac-80BW_65Mbps(5G Band)

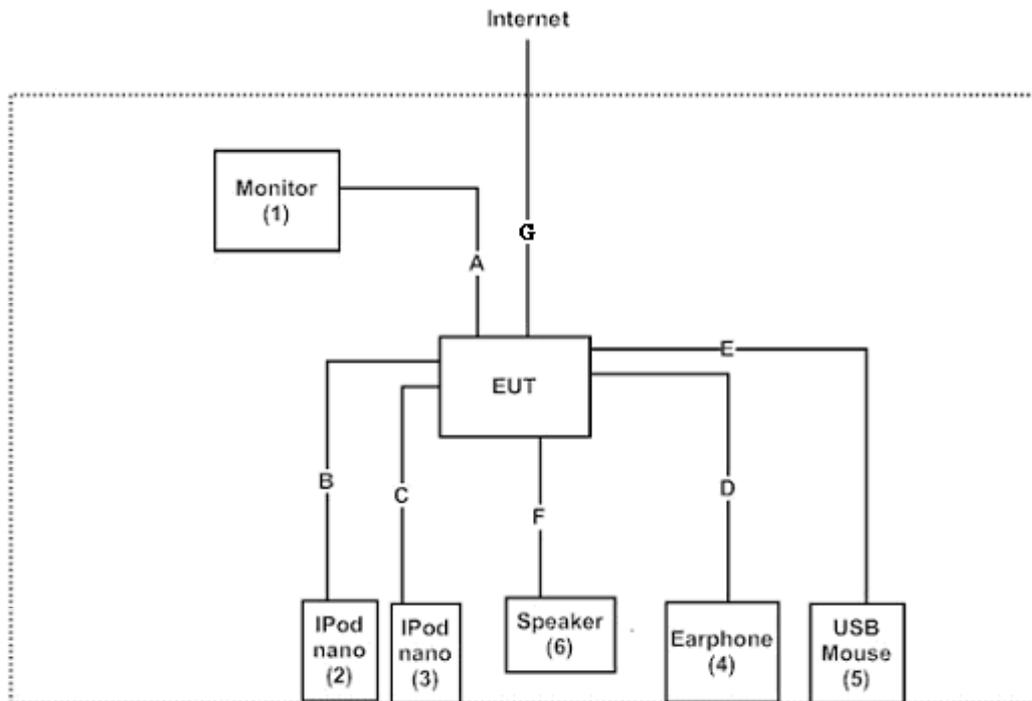
### 1.3. Tested System Details

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	Monitor	Dell	ST232L	N/A	Non-Shielded, 1.8m
2	iPod nano	Apple	A1236	7M752P7LY0P	N/A
3	iPod nano	Apple	A1236	YM827ENKY0P	N/A
4	Earphone	Dr.AV	CD-806B	N/A	N/A
5	USB Mouse	Logitech	M-BE58	LZE11403976	N/A
6	Speaker	ASUS	SUBWOOFER	04071-0010100	N/A

Signal Cable Type	Signal cable Description
A HDMI Cable	Shielded, 1.8m
B USB Cable	Shielded, 1.2m
C USB Cable	Shielded, 1.2m
D Earphone Cable	Non-Shielded, 1.8m
E Mouse Cable	Shielded, 1.8m
F Speaker Cable	Non-Shielded, 0.3m
G RJ45 Cable	Non-Shielded, 1.8m

### 1.4. Configuration of Tested System



## **1.5. EUT Exercise Software**

- (1) Setup the EUT as shown in Section 1.4
- (2) Execute software “DRTU V.1.7.7014830” on the Notebook PC.
- (3) Configure the test mode, the test channel, and the data rate.
- (4) Press “OK” to start the continuous Transmit.
- (5) Verify that the EUT works properly.

**1.6. Test Facility**

Ambient conditions in the laboratory:

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

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

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

The address and introduction of Quietek Corporation's laboratories can be founded in our Web

site : <http://www.quietek.com/>

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

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

FCC Accreditation Number: TW1014

## 2. Peak Power Output

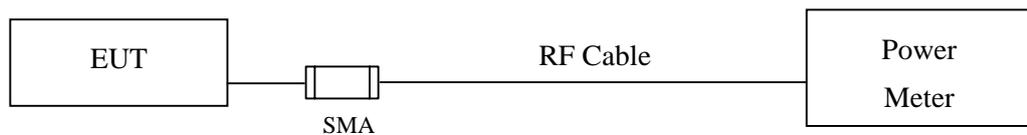
### 2.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Power Meter	Anritsu	ML2495A/6K00003357	May, 2015
X	Power Sensor	Anritsu	MA2411B/0738448	Jun, 2015

Note:

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

### 2.2. Test Setup



### 2.3. Limits

The maximum peak power shall be less 1 Watt.

### 2.4. Test Procedure

The EUT was tested according to DTS test procedure of KDB 558074 for compliance to FCC 47CFR 15.247 requirements. The maximum peak conducted output power using KDB 558074 D01 DTS Meas Guidance v03r02 section 9.1.2 PKPM1 Peak power meter methodfor for 802.11a/b/g/n, section 9.2.2 Measurement using a spectrum analyzer (SA) for 802.11ac.

### 2.5. Uncertainty

± 1.27 dB

**2.6. Test Result of Peak Power Output**

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps)

**CHAIN A**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)				Peak Power	Required Limit	Result
		1	2	5.5	11			
		Measurement Level (dBm)						
01	2412	14.86	--	--	--	18.1	<30dBm	Pass
06	2437	15	14.91	14.82	14.73	18.46	<30dBm	Pass
11	2462	14.98	--	--	--	18.18	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

**CHAIN B**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)				Peak Power	Required Limit	Result
		1	2	5.5	11			
		Measurement Level (dBm)						
01	2412	14.88	--	--	--	18.14	<30dBm	Pass
06	2437	14.95	14.89	14.83	14.77	18.35	<30dBm	Pass
11	2462	14.93	--	--	--	18.3	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps)

**CHAIN A**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		7.2	14.4	21.7	28.9	43.3	57.8	65	72.2			
		Measurement Level (dBm)										
01	2412	13.85	--	--	--	--	--	--	--	19.12	<30dBm	Pass
06	2437	14.91	14.87	14.82	14.79	14.75	14.72	14.67	14.63	20.27	<30dBm	Pass
11	2462	12.16	--	--	--	--	--	--	--	17.39	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

**CHAIN B**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		7.2	14.4	21.7	28.9	43.3	57.8	65	72.2			
		Measurement Level (dBm)										
01	2412	14.5	--	--	--	--	--	--	--	19.94	<30dBm	Pass
06	2437	14.98	14.91	14.84	14.77	14.72	14.63	14.56	14.43	20.36	<30dBm	Pass
11	2462	14.29	--	--	--	--	--	--	--	19.85	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3: Transmit - 802.11a 6Mbps

**CHAIN A**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		6	9	12	18	24	36	48	54			
		Measurement Level (dBm)										
149	5745	13..39	--	--	--	--	--	--	--	18.62	<30dBm	Pass
157	5785	13.36	13.29	13.22	13.15	13.08	13.01	12.94	12.87	18.75	<30dBm	Pass
165	5825	13.42	--	--	--	--	--	--	--	18.76	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

**CHAIN B**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		6	9	12	18	24	36	48	54			
		Measurement Level (dBm)										
149	5745	13.15	--	--	--	--	--	--	--	18.55	<30dBm	Pass
157	5785	13.52	13.49	13.46	13.43	13.41	13.37	13.32	13.31	18.75	<30dBm	Pass
165	5825	13.48	--	--	--	--	--	--	--	18.81	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 4: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band)

**CHAIN A**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4			
		Measurement Level (dBm)										
01	2412	12.13	--	--	--	--	--	--	--	16.58	11.13	Pass
06	2437	14.65	14.59	14.52	14.47	14.41	14.32	14.29	14.23	20.03	14.65	Pass
11	2462	12.2	--	--	--	--	--	--	--	17.54	12.2	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

**CHAIN B**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4			
		Measurement Level (dBm)										
01	2412	12.55	--	--	--	--	--	--	--	17.52	12.02	Pass
06	2437	14.84	14.74	14.64	14.54	14.44	14.34	14.24	14.14	20.51	15.2	Pass
11	2462	12.23	--	--	--	--	--	--	--	17.73	12.16	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Channel	Frequency (MHz)	Data Rata (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
1	2412	HT8	16.58	17.52	20.09	30	Pass
6	2437	HT8	20.03	20.51	23.29	30	Pass
11	2462	HT8	17.54	17.73	20.65	30	Pass

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_30Mbps(2.4G Band)

**CHAIN A**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power 30	Required Limit	Result
		30	60	90	120	180	240	270	300			
		Measurement Level (dBm)										
03	2422	13.11	--	--	--	--	--	--	--	14.7	<30dBm	Pass
06	2437	14.87	14.71	14.55	14.39	14.23	14.07	13.91	13.75	18.51	<30dBm	Pass
09	2452	11.02	--	--	--	--	--	--	--	15.11	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

**CHAIN B**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power 30	Required Limit	Result
		30	60	90	120	180	240	270	300			
		Measurement Level (dBm)										
03	2422	13.19	--	--	--	--	--	--	--	15.22	<30dBm	Pass
06	2437	14.98	14.91	14.84	14.77	14.7	14.63	14.56	14.49	18.94	<30dBm	Pass
09	2452	11.13	--	--	--	--	--	--	--	15.27	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Channel	Frequency (MHz)	Data Rata (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
3	2422	HT8	14.70	15.22	17.98	30	Pass
6	2437	HT8	18.51	18.94	21.74	30	Pass
9	2452	HT8	15.11	15.27	18.20	30	Pass

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 6: Transmit - 802.11n-20BW\_14.4Mbps(5G Band)

**CHAIN A**

Channel No	Frequency (MHz)	Average Power									Peak Power	Required Limit	Result
		For different Data Rate (Mbps)											
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	14.4			
Measurement Level (dBm)													
149	5745	13.47	--	--	--	--	--	--	--	18.71	<30dBm	Pass	
157	5785	13.22	13.17	13.12	13.07	13.02	12.97	12.92	12.87	18.65	<30dBm	Pass	
165	5825	13.43	--	--	--	--	--	--	--	18.31	<30dBm	Pass	

Note: Peak Power Output Value =Reading value on power meter + cable loss

**CHAIN B**

Channel No	Frequency (MHz)	Average Power									Peak Power	Required Limit	Result
		For different Data Rate (Mbps)											
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4	14.4			
Measurement Level (dBm)													
149	5745	13.26	--	--	--	--	--	--	--	18.77	<30dBm	Pass	
157	5785	13.25	13.19	13.13	13.07	13.01	12.95	12.89	12.83	18.69	<30dBm	Pass	
165	5825	13.77	--	--	--	--	--	--	--	19.31	<30dBm	Pass	

Note: Peak Power Output Value =Reading value on power meter + cable loss

Channel	Frequency (MHz)	Data Rata (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
149	5745	HT8	18.71	18.77	21.75	30	Pass
157	5785	HT8	18.65	18.69	21.68	30	Pass
165	5825	HT8	18.31	19.31	21.85	30	Pass

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 7: Transmit - 802.11n-40BW\_30Mbps(5G Band)

**CHAIN A**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		30	60	90	120	180	240	270	300			
		Measurement Level (dBm)										
151	5755	13.26	--	--	--	--	--	--	--	18.93	<30dBm	Pass
159	5795	13.37	13.28	13.17	13.06	12.95	12.84	12.73	12.62	18.82	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

**CHAIN B**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		30	60	90	120	180	240	270	300			
		Measurement Level (dBm)										
151	5755	13.42	--	--	--	--	--	--	--	18.77	<30dBm	Pass
159	5795	13.43	13.37	13.31	13.25	13.19	13.13	13.07	13.01	18.77	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Channel	Frequency (MHz)	Data Rata (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
151	5755	HT8	18.93	18.77	21.86	30	Pass
159	5795	HT8	18.82	18.77	21.81	30	Pass

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 8: Transmit - 802.11ac-80BW\_65Mbps(5G Band)

**CHAIN A**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)									Required Limit	Result
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8		
		Measurement Level (dBm)										
155	5775	13.42	13.35	13.25	13.21	13.14	13.07	13.03	12.93	13.42	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

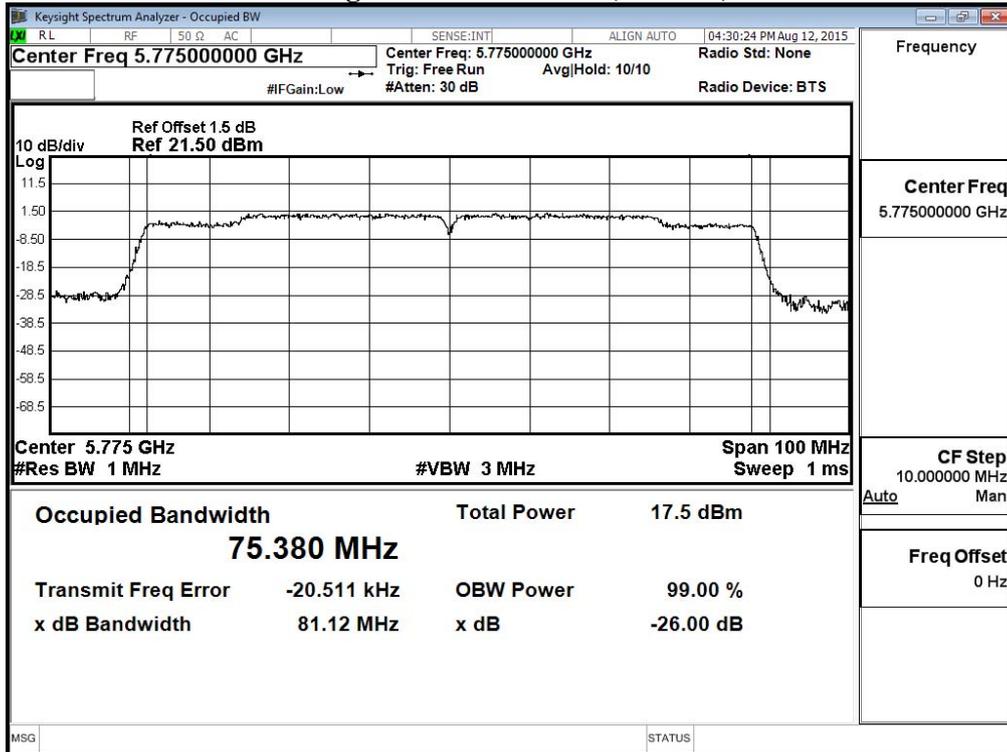
**CHAIN B**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)									Required Limit	Result
		VTH0	VTH1	VTH2	VTH3	VTH4	VTH5	VTH6	VTH7	VTH8		
		Measurement Level (dBm)										
155	5775	13.53	13.47	13.43	13.35	13.29	13.24	13.17	13.11	13.52	<30dBm	Pass

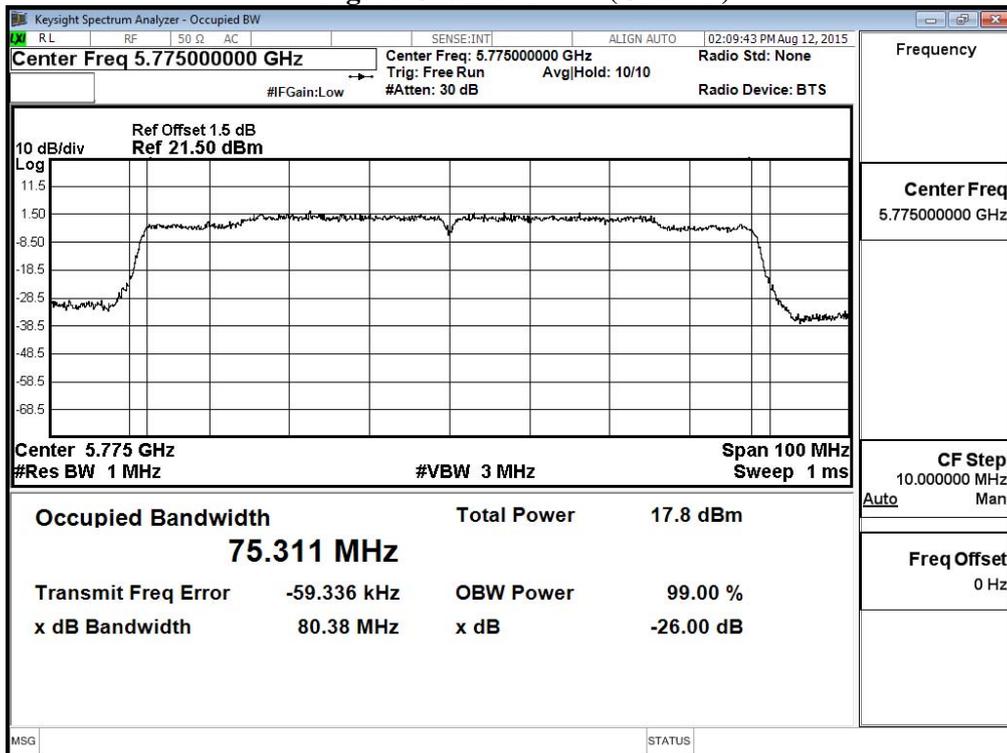
Note: Peak Power Output Value =Reading value on power meter + cable loss

Channel	Frequency (MHz)	Data Rata (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
154	5775	Peak Power	13.42	13.53	16.49	30	Pass

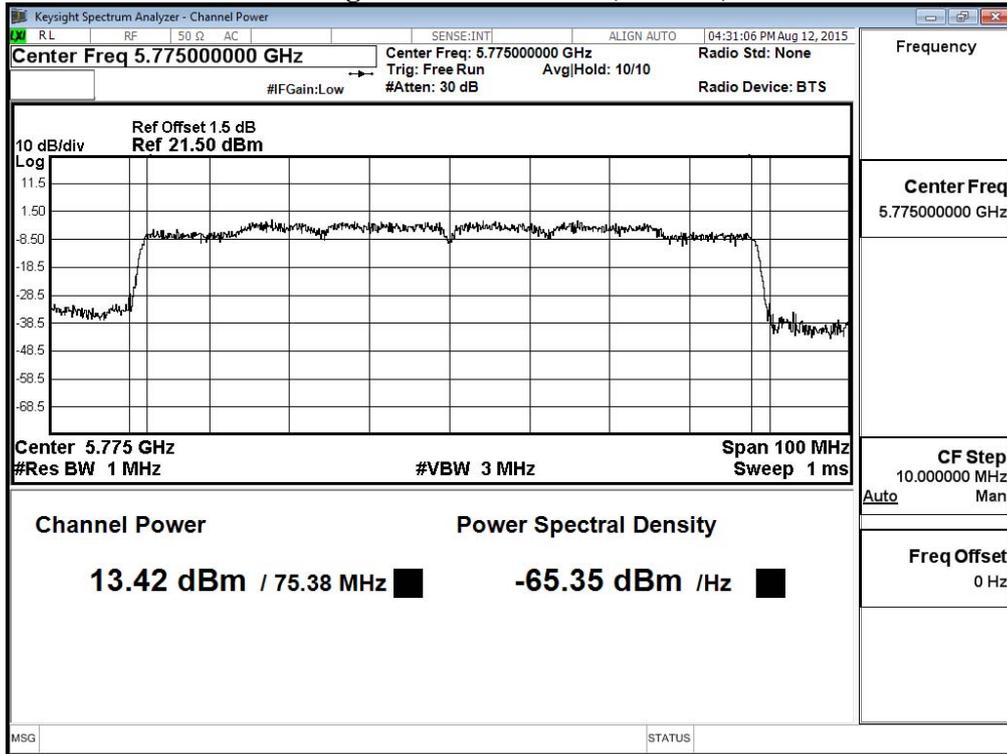
**26dBc Occupied Bandwidth:  
Figure Channel 155: (Chain A)**



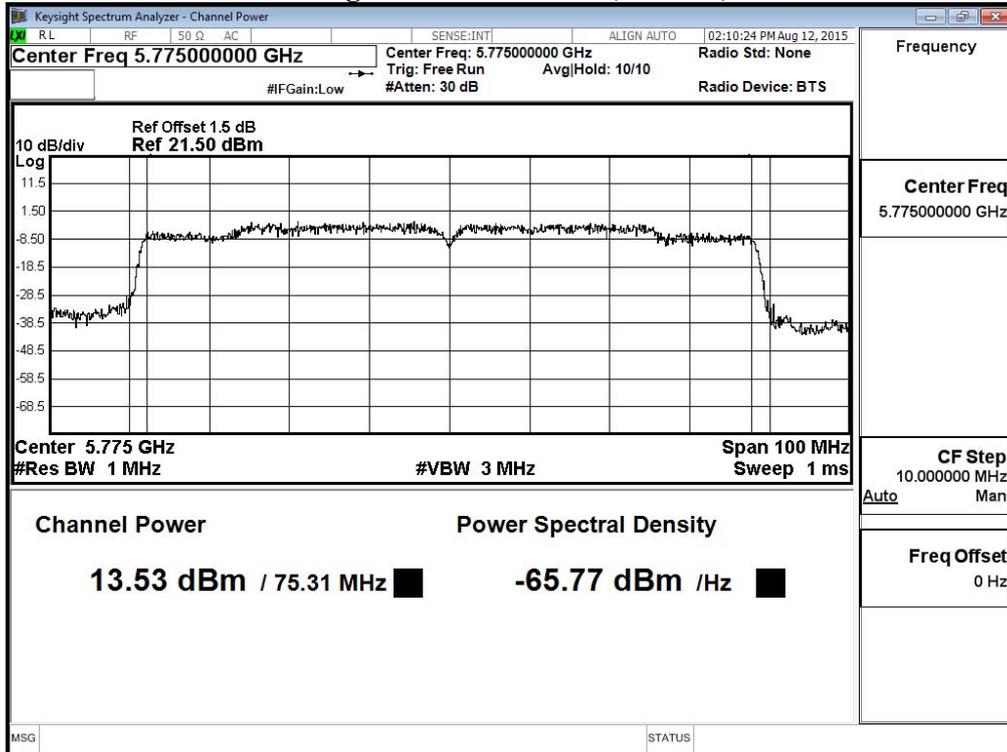
**Figure Channel 155: (Chain B)**



**Maximum conducted output power:**  
**Figure Channel 155: (Chain A)**



**Figure Channel 155: (Chain B)**



### 3. Radiated Emission

#### 3.1. Test Equipment

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

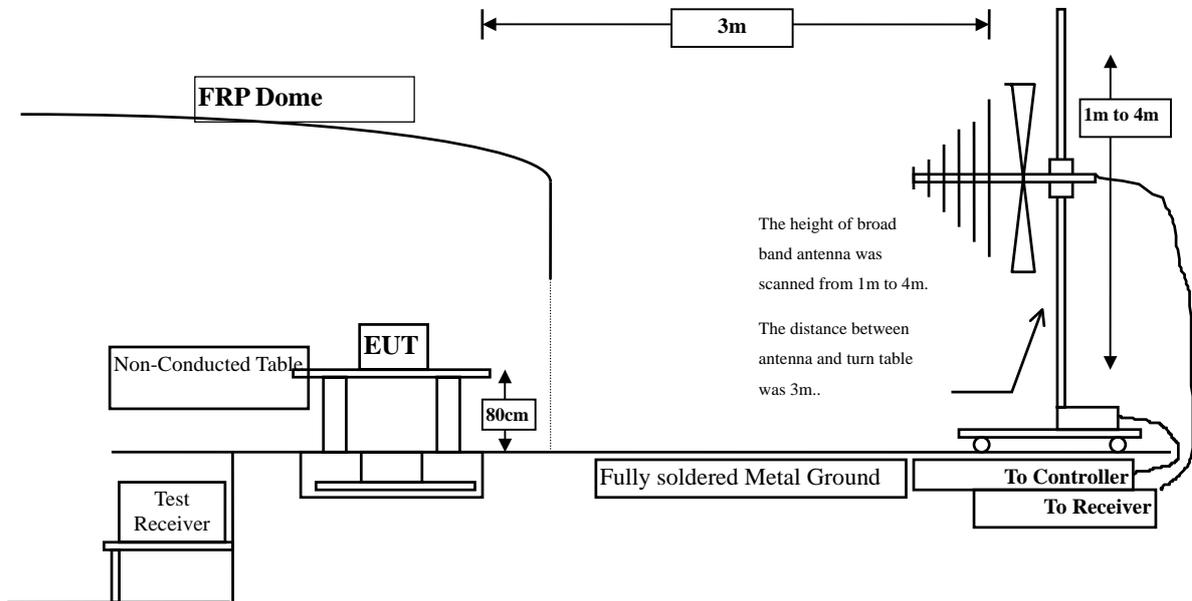
Test Site	Equipment		Manufacturer	Model No./Serial No.	Last Cal.
☒ Site # 3	X	Magnetic Loop Antenna	Teseq	HLA6121/ 37133	Sep, 2014
	X	Bilog Antenna	Schaffner Chase	CBL6112B/ 2707	Jun, 2015
	X	EMI Test Receiver	R&S	ESCS 30/838251/ 001	Jun, 2015
	X	Coaxial Cable	QTK(Armist)	RG 214/ LC003-RG	Jun, 2015
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

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

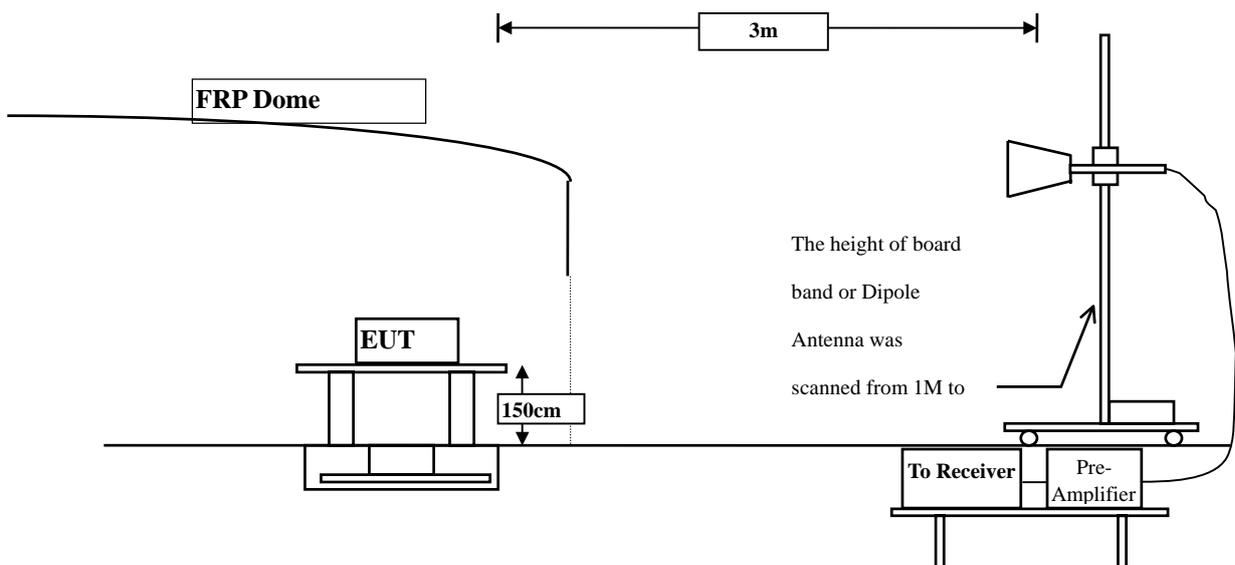
- Note:
1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
  2. The test instruments marked with “X” are used to measure the final test results.

### 3.2. Test Setup

#### Radiated Emission Below 1GHz



#### Radiated Emission Above 1GHz



### 3.3. Limits

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

<b>FCC Part 15 Subpart C Paragraph 15.209(a) Limits</b>		
Frequency MHz	Field strength (microvolts/meter)	Measurement distance (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)

### **3.4. Test Procedure**

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

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.

### **3.5. Uncertainty**

± 3.9 dB above 1GHz

± 3.8 dB below 1GHz

**3.6. Test Result of Radiated Emission**

Product : INTEL DUAL BAND WIRELESS-AC 7265  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2412MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4824.000	6.347	42.950	49.298	-24.702	74.000
7236.000	10.324	41.990	52.314	-21.686	74.000
9648.000	13.334	36.120	49.454	-24.546	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
4824.000	6.347	46.320	52.668	-21.332	74.000
7236.000	10.324	39.210	49.534	-24.466	74.000
9648.000	13.334	39.550	52.884	-21.116	74.000
<b>Average 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 7265  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2437 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4874.000	5.997	43.100	49.096	-24.904	74.000
7311.000	10.727	38.640	49.367	-24.633	74.000
9748.000	13.342	38.530	51.872	-22.128	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
4874.000	5.997	46.570	52.566	-21.434	74.000
7311.000	10.727	38.670	49.397	-24.603	74.000
9748.000	13.342	38.240	51.582	-22.418	74.000
<b>Average 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 7265  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2462 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4924.000	6.404	41.740	48.144	-25.856	74.000
7386.000	10.613	38.280	48.893	-25.107	74.000
9848.000	13.573	37.580	51.153	-22.847	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
4924.000	6.404	46.820	53.224	-20.776	74.000
7386.000	10.613	39.620	50.233	-23.767	74.000
9848.000	13.573	39.110	52.683	-21.317	74.000
<b>Average 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 7265  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2412MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4824.000	6.347	40.280	46.628	-27.372	74.000
7236.000	10.324	37.990	48.314	-25.686	74.000
9648.000	13.334	37.260	50.594	-23.406	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
4824.000	6.347	46.710	53.058	-20.942	74.000
7236.000	10.324	37.970	48.294	-25.706	74.000
9648.000	13.334	39.280	52.614	-21.386	74.000
<b>Average 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 7265  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2437 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4874.000	5.997	42.570	48.566	-25.434	74.000
7311.000	10.727	39.240	49.967	-24.033	74.000
9748.000	13.342	38.260	51.602	-22.398	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
4874.000	5.997	45.100	51.096	-22.904	74.000
7311.000	10.727	37.950	48.677	-25.323	74.000
9748.000	13.342	39.280	52.622	-21.378	74.000
<b>Average 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 7265  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2462 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4924.000	6.404	41.650	48.054	-25.946	74.000
7386.000	10.613	39.520	50.133	-23.867	74.000
9848.000	13.573	38.620	52.193	-21.807	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
4924.000	6.404	46.820	53.224	-20.776	74.000
7386.000	10.613	39.460	50.073	-23.927	74.000
9848.000	13.573	39.260	52.833	-21.167	74.000
<b>Average 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 7265  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 3: Transmit - 802.11a 6Mbps (5745 MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level	dB	dBuV/m
	dB	dBuV	dBuV/m		

**Horizontal**

**Peak Detector:**

11490.000	15.521	36.880	52.401	-21.599	74.000
-----------	--------	--------	--------	---------	--------

**Average**

**Detector:**

--

**Vertical**

**Peak Detector:**

11490.000	15.521	36.990	52.511	-21.489	74.000
-----------	--------	--------	--------	---------	--------

**Average**

**Detector:**

--

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 7265  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 3: Transmit - 802.11a 6Mbps (5785 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11570.000	15.723	36.860	52.584	-21.416	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
11570.000	15.723	37.010	52.734	-21.266	74.000
<b>Average 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 7265  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 3: Transmit - 802.11a 6Mbps (5825 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11650.000	15.762	37.150	52.912	-21.088	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
11650.000	15.762	36.890	52.652	-21.348	74.000
<b>Average 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 7265  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 4: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band) (2412MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4824.000	6.347	41.250	47.598	-26.402	74.000
7236.000	10.324	40.120	50.444	-23.556	74.000
9648.000	13.334	40.220	53.554	-20.446	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
4824.000	6.347	45.000	51.348	-22.652	74.000
7236.000	10.324	39.260	49.584	-24.416	74.000
9648.000	13.334	39.570	52.904	-21.096	74.000
<b>Average 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 7265  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 4: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band) (2437 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4874.000	5.997	42.330	48.326	-25.674	74.000
7311.000	10.727	39.620	50.347	-23.653	74.000
9748.000	13.342	39.550	52.892	-21.108	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
4874.000	5.997	44.870	50.866	-23.134	74.000
7311.000	10.727	38.620	49.347	-24.653	74.000
9748.000	13.342	40.080	53.422	-20.578	74.000
<b>Average 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 7265  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 4: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band) (2462 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4924.000	6.347	41.970	48.318	-25.682	74.000
7386.000	10.613	39.580	50.193	-23.807	74.000
9848.000	13.573	38.380	51.953	-22.047	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
4924.000	6.404	45.740	52.144	-21.856	74.000
7386.000	10.613	41.270	51.883	-22.117	74.000
9848.000	13.573	38.260	51.833	-22.167	74.000
<b>Average 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 7265  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_30Mbps(2.4G Band) (2422MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4844.000	6.135	41.250	47.386	-26.614	74.000
7266.000	10.405	39.310	49.714	-24.286	74.000
9688.000	13.292	38.620	51.911	-22.089	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
4844.000	6.135	42.950	49.086	-24.914	74.000
7266.000	10.405	41.230	51.634	-22.366	74.000
9688.000	13.292	39.820	53.111	-20.889	74.000
<b>Average 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 7265  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_30Mbps(2.4G Band) (2437 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4874.000	5.997	41.280	47.276	-26.724	74.000
7311.000	10.727	39.470	50.197	-23.803	74.000
9748.000	13.342	39.710	53.052	-20.948	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
4874.000	5.997	43.860	49.856	-24.144	74.000
7311.000	10.727	39.540	50.267	-23.733	74.000
9748.000	13.342	40.360	53.702	-20.298	74.000
<b>Average 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 7265  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_30Mbps(2.4G Band) (2452 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4904.000	6.379	40.260	46.639	-27.361	74.000
7356.000	10.078	39.140	49.217	-24.783	74.000
9808.000	13.444	37.980	51.424	-22.576	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
4904.000	6.379	41.250	47.629	-26.371	74.000
7356.000	10.078	39.240	49.317	-24.683	74.000
9808.000	13.444	39.640	53.084	-20.916	74.000
<b>Average 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 7265  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 6: Transmit - 802.11n-20BW\_14.4Mbps(5G Band) (5745MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11490.000	15.521	36.750	52.271	-21.729	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
11490.000	15.521	36.940	52.461	-21.539	74.000
<b>Average 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 7265  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 6: Transmit - 802.11n-20BW\_14.4Mbps(5G Band) (5785 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11570.000	15.723	37.250	52.974	-21.026	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
11570.000	15.723	36.950	52.674	-21.326	74.000
<b>Average 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 7265  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 6: Transmit - 802.11n-20BW\_14.4Mbps(5G Band) (5825 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11650.000	15.762	36.188	51.950	-22.050	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
11650.000	51.912	36.368	52.130	-21.870	74.000
<b>Average 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 7265  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 7: Transmit - 802.11n-40BW\_30Mbps(5G Band) (5755MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11510.000	15.705	36.605	52.310	-21.690	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
11510.000	15.705	36.245	51.950	-22.050	74.000
<b>Average 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 7265  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 7: Transmit - 802.11n-40BW\_30Mbps(5G Band) (5795 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11590.000	15.500	36.750	52.250	-21.750	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
11590.000	15.500	36.890	52.390	-21.610	74.000
<b>Average 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 7265  
Test Item : Harmonic Radiated Emission Data  
Test Site : No.3 OATS  
Test Mode : Mode 8: Transmit - 802.11ac-80BW\_65Mbps(5G Band) (5775 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11550.000	16.378	35.592	51.970	-22.030	74.000
<b>Average Detector:</b>					
--					
<b>Vertical</b>					
<b>Peak Detector:</b>					
11550.000	16.378	35.592	51.970	-22.030	74.000
<b>Average 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 7265  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2437 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
212.360	-10.540	41.121	30.581	-12.919	43.500
342.340	-2.710	37.554	34.844	-11.156	46.000
505.300	1.940	35.026	36.966	-9.034	46.000
652.740	1.744	35.741	37.485	-8.515	46.000
782.720	5.154	33.165	38.319	-7.681	46.000
939.860	6.530	25.057	31.587	-14.413	46.000
<b>Vertical</b>					
216.240	-6.206	40.113	33.907	-12.093	46.000
359.800	-1.440	39.240	37.801	-8.199	46.000
518.880	0.570	37.908	38.478	-7.522	46.000
681.840	1.455	36.060	37.515	-8.485	46.000
815.700	2.665	35.143	37.808	-8.192	46.000
967.020	3.695	29.320	33.015	-20.985	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 7265  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2437 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
212.360	-10.540	42.367	31.827	-11.673	43.500
357.860	-0.846	37.792	36.946	-9.054	46.000
483.960	1.288	36.717	38.005	-7.995	46.000
602.300	3.560	34.612	38.172	-7.828	46.000
734.220	2.961	33.541	36.502	-9.498	46.000
901.060	5.603	26.888	32.491	-13.509	46.000
<b>Vertical</b>					
198.780	-5.880	38.182	32.302	-11.198	43.500
293.840	-5.184	41.373	36.190	-9.810	46.000
468.440	-3.724	41.469	37.745	-8.255	46.000
631.400	-1.635	37.368	35.733	-10.267	46.000
778.840	2.351	35.875	38.226	-7.774	46.000
928.220	3.400	29.309	32.709	-13.291	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 7265  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 3: Transmit - 802.11a 6Mbps (5785MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
175.500	-5.709	36.975	31.266	-12.234	43.500
321.000	-9.509	41.120	31.611	-14.389	46.000
429.640	-8.279	36.773	28.494	-17.506	46.000
483.960	-5.208	36.042	30.834	-15.166	46.000
633.340	1.094	31.819	32.913	-13.087	46.000
776.900	0.267	32.110	32.377	-13.623	46.000
<b>Vertical</b>					
161.920	-4.663	36.238	31.575	-11.925	43.500
288.020	-9.138	41.036	31.898	-14.102	46.000
353.980	-8.491	39.952	31.461	-14.539	46.000
447.100	-6.535	39.364	32.829	-13.171	46.000
476.200	-5.406	35.965	30.559	-15.441	46.000
738.100	-0.388	34.158	33.770	-12.230	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 7265  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 4: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band) (2437 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
210.420	-10.586	42.678	32.093	-11.407	43.500
336.520	-3.556	40.709	37.153	-8.847	46.000
449.040	0.241	38.091	38.332	-7.668	46.000
608.120	3.700	35.647	39.347	-6.653	46.000
771.080	4.905	34.634	39.539	-6.461	46.000
937.920	6.527	26.473	33.000	-13.000	46.000
<b>Vertical</b>					
225.940	-6.410	38.321	31.911	-14.089	46.000
392.780	-1.290	36.653	35.363	-10.637	46.000
505.300	-0.130	38.002	37.872	-8.128	46.000
672.140	-0.720	38.652	37.932	-8.068	46.000
804.060	3.120	36.469	39.589	-6.411	46.000
937.920	2.887	30.763	33.650	-12.350	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 7265  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_30Mbps(2.4G Band) (2437 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
214.300	-10.488	41.144	30.655	-12.845	43.500
359.800	-0.350	36.908	36.559	-9.441	46.000
524.700	2.950	34.813	37.763	-8.237	46.000
679.900	2.658	35.304	37.962	-8.038	46.000
821.520	6.845	30.944	37.789	-8.211	46.000
941.800	6.570	27.498	34.068	-11.932	46.000
<b>Vertical</b>					
200.720	-5.850	37.638	31.788	-11.712	43.500
299.660	-4.270	39.599	35.329	-10.671	46.000
462.620	-2.723	41.190	38.467	-7.533	46.000
606.180	2.020	36.584	38.604	-7.396	46.000
782.720	2.524	34.910	37.434	-8.566	46.000
943.740	3.170	29.335	32.505	-13.495	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 7265  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 6: Transmit - 802.11n-20BW\_14.4Mbps(5G Band) (5785 MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
175.500	-5.709	40.075	34.366	-9.134	43.500
276.380	-7.372	40.241	32.869	-13.131	46.000
373.380	-8.376	40.712	32.336	-13.664	46.000
530.520	-2.550	36.015	33.465	-12.535	46.000
577.080	0.785	34.537	35.322	-10.678	46.000
728.400	-0.791	36.067	35.276	-10.724	46.000
<b>Vertical</b>					
202.660	-8.761	40.007	31.246	-12.254	43.500
305.480	-9.365	42.960	33.595	-12.405	46.000
443.220	-6.941	35.961	29.020	-16.980	46.000
571.260	0.438	34.224	34.662	-11.338	46.000
782.720	0.389	35.352	35.741	-10.259	46.000
842.860	1.232	34.242	35.474	-10.526	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 7265  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 7: Transmit - 802.11n-40BW\_30Mbps(5G Band) (5755MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
194.900	-7.917	40.456	32.539	-10.961	43.500
282.200	-8.017	40.650	32.633	-13.367	46.000
367.560	-8.491	42.008	33.517	-12.483	46.000
499.480	-4.646	32.381	27.735	-18.265	46.000
749.740	0.055	33.757	33.812	-12.188	46.000
831.220	1.470	32.265	33.735	-12.265	46.000
<b>Vertical</b>					
280.260	-7.696	42.750	35.054	-10.946	46.000
386.960	-8.150	41.531	33.381	-12.619	46.000
530.520	-2.550	35.915	33.365	-12.635	46.000
594.540	1.159	33.227	34.386	-11.614	46.000
759.440	0.214	33.229	33.443	-12.557	46.000
908.820	3.824	30.583	34.407	-11.593	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 7265  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 8: Transmit - 802.11ac-80BW\_65Mbps(5G Band) (5775MHz)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
<b>Horizontal</b>					
161.920	-4.663	36.238	31.575	-11.925	43.500
229.820	-7.837	43.938	36.101	-9.899	46.000
353.980	-8.491	43.460	34.969	-11.031	46.000
447.100	-6.535	41.471	34.936	-11.064	46.000
551.860	-1.549	35.947	34.398	-11.602	46.000
709.000	-3.562	36.740	33.178	-12.822	46.000
<b>Vertical</b>					
282.200	-8.017	43.150	35.133	-10.867	46.000
447.100	-6.535	42.471	35.936	-10.064	46.000
501.420	-4.428	36.630	32.202	-13.798	46.000
613.940	1.212	32.065	33.277	-12.723	46.000
838.980	1.420	31.834	33.254	-12.746	46.000
928.220	4.228	31.723	35.951	-10.049	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.

**4. Band Edge**

**4.1. Test Equipment**

**RF Conducted Measurement**

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

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

Note:

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

**RF Radiated Measurement:**

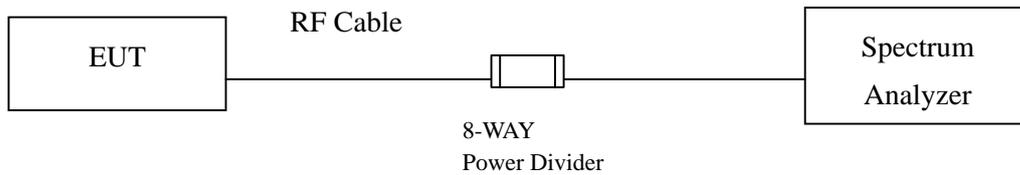
The following test equipments are used during the band edge tests:

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
☒ CB # 8	X	Spectrum Analyzer	R&S	FSP40/ 100339	Oct, 2014
	X	Horn Antenna	ETS-Lindgren	3117/ 35205	Mar., 2015
	X	Horn Antenna	Schwarzbeck	BBHA9170/209	Jan, 2015
	X	Horn Antenna	TRC	AH-0801/95051	Aug, 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

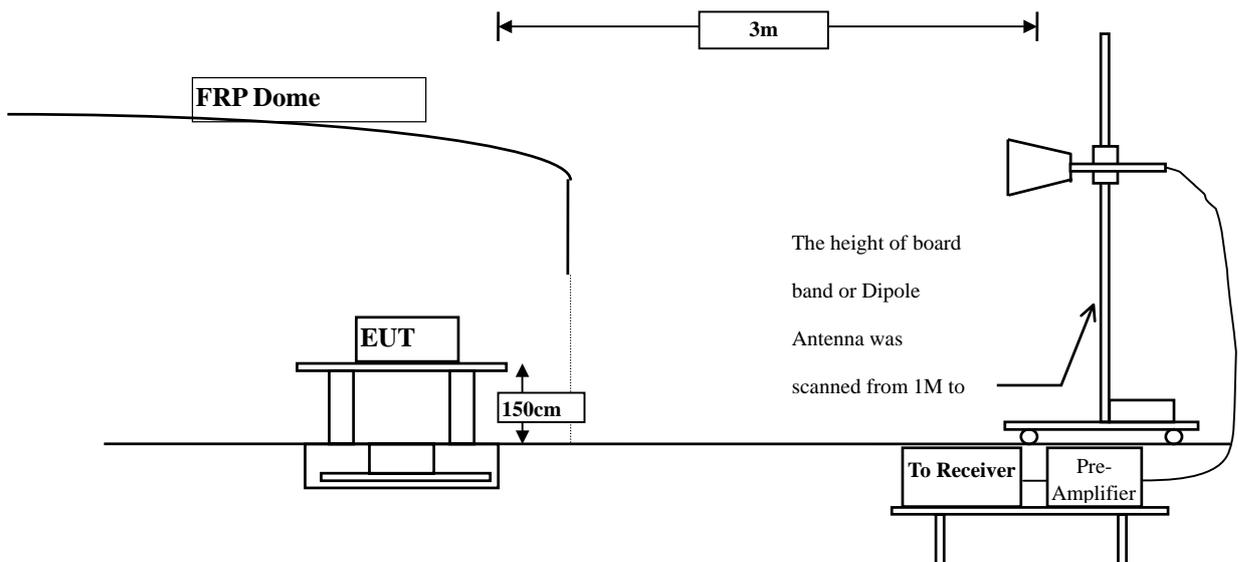
- Note:
1. All instruments are calibrated every one year.
  2. The test instruments marked by “X” are used to measure the final test results.

## 4.2. Test Setup

### RF Conducted Measurement



### RF Radiated Measurement:



## 4.3. 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.

#### **4.4. Test Procedure**

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

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

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

#### **4.5. Uncertainty**

± 3.9 dB above 1GHz

± 3.8 dB below 1GHz

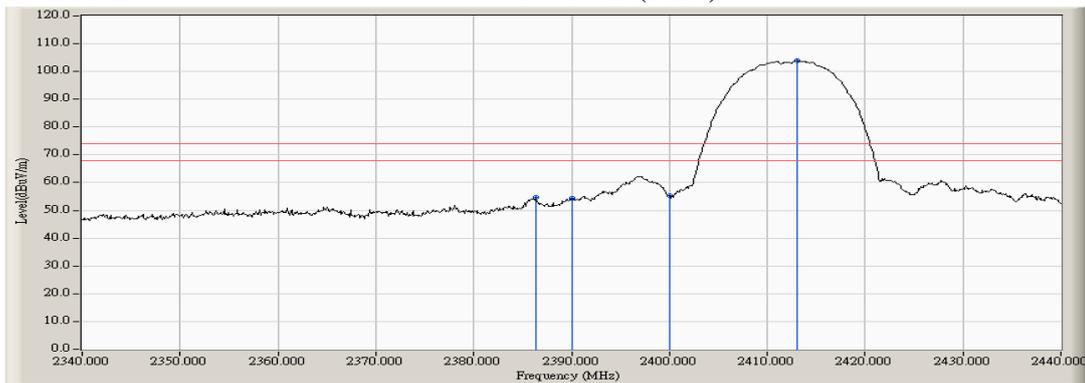
#### 4.6. Test Result of Band Edge

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps)

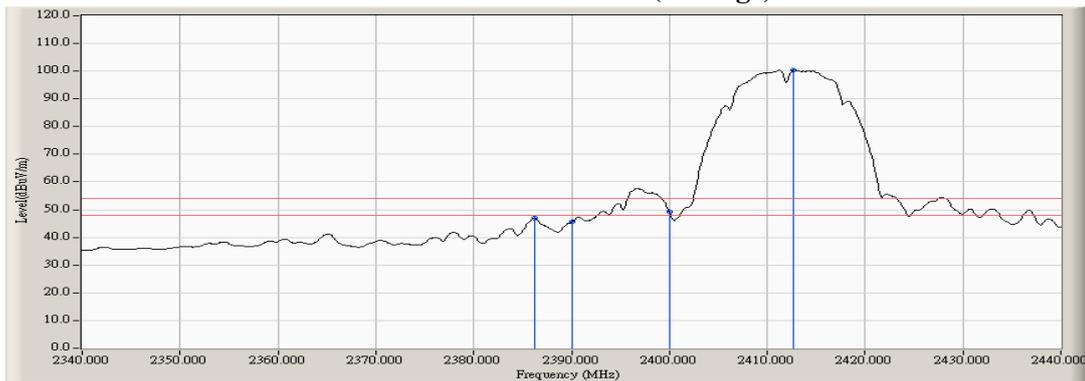
##### RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2386.300	1.811	52.821	54.632	74.00	54.00	Pass
01 (Peak)	2390.000	1.818	52.410	54.227	74.00	54.00	Pass
01 (Peak)	2400.000	1.832	53.364	55.196	--	--	--
01 (Peak)	2413.000	1.978	101.832	103.810	--	--	--
01 (Average)	2386.200	1.811	45.032	46.842	74.00	54.00	Pass
01 (Average)	2390.000	1.818	43.729	45.546	74.00	54.00	Pass
01 (Average)	2400.000	1.832	47.250	49.082	--	--	--
01 (Average)	2412.700	1.974	98.386	100.360	--	--	--

**Figure Channel 01: Horizontal (Peak)**



**Figure Channel 01: Horizontal (Average)**



Note:

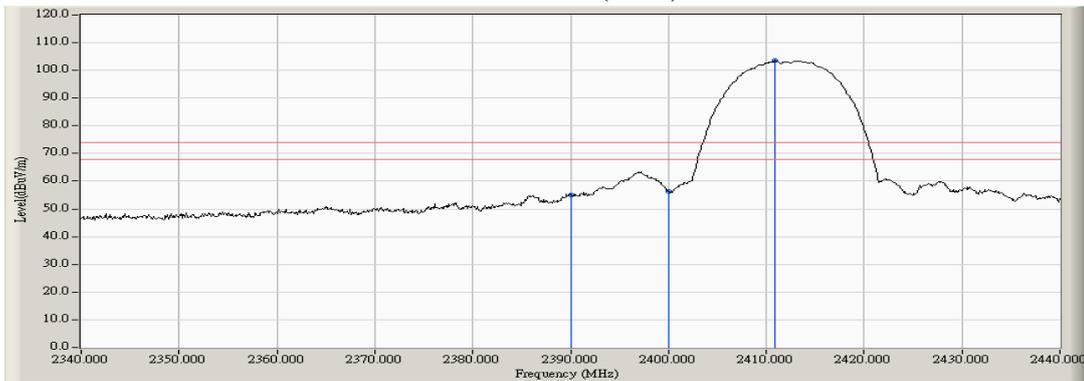
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps)

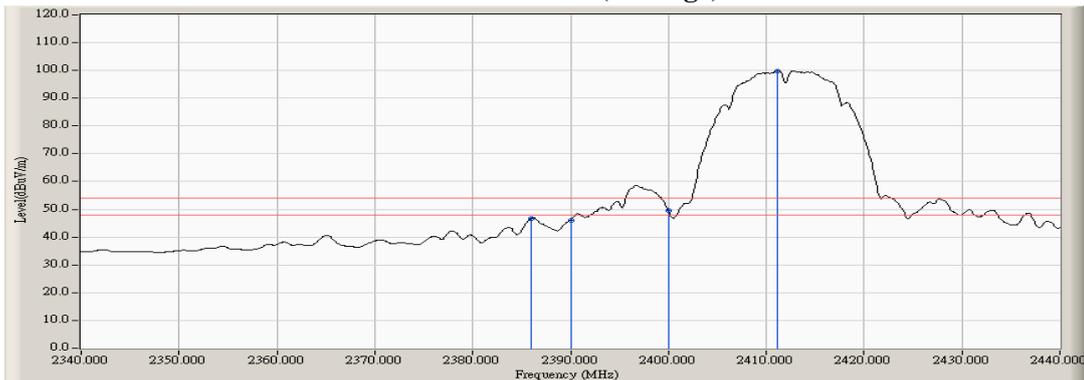
**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2390.000	1.818	53.109	54.926	74.00	54.00	Pass
01 (Peak)	2400.000	1.832	54.517	56.349	--	--	--
01 (Peak)	2410.900	1.950	101.564	103.513	--	--	--
01 (Average)	2386.000	1.810	44.979	46.789	74.00	54.00	Pass
01 (Average)	2390.000	1.818	44.340	46.157	74.00	54.00	Pass
01 (Average)	2400.000	1.832	47.587	49.419	--	--	--
01 (Average)	2411.200	1.953	97.907	99.860	--	--	--

**Figure Channel 01: Vertical (Peak)**



**Figure Channel 01: Vertical (Average)**



**Note:**

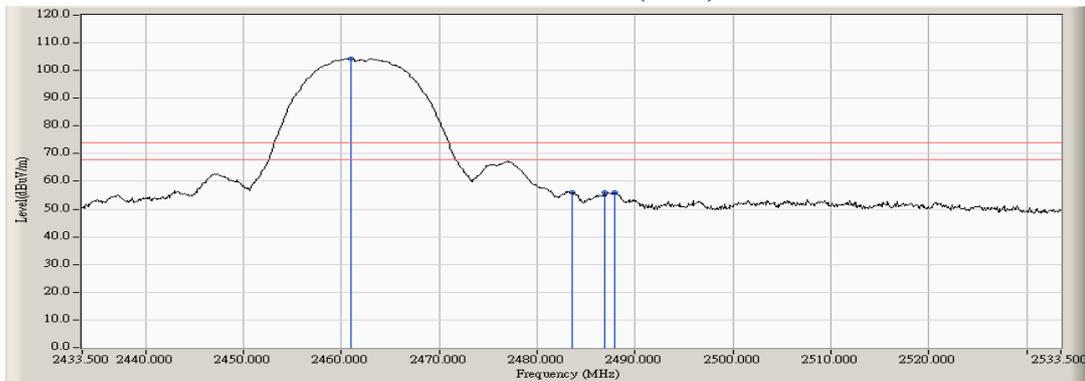
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps)

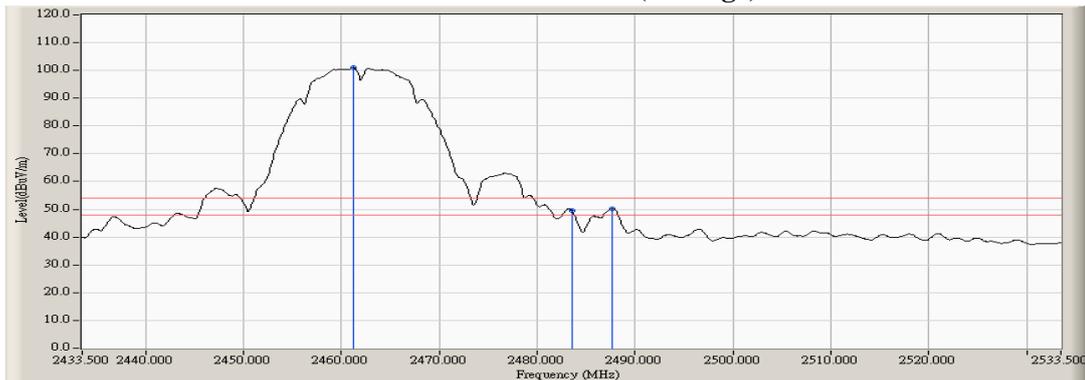
**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2461.000	2.051	102.277	104.328	--	--	Pass
11 (Peak)	2483.500	2.393	53.538	55.930	74.00	54.00	Pass
11 (Peak)	2486.900	2.444	53.583	56.027	74.00	54.00	Pass
11 (Peak)	2487.900	2.459	53.510	55.969	74.00	54.00	Pass
11 (Average)	2461.200	2.054	98.941	100.995	--	--	Pass
11 (Average)	2483.500	2.393	47.269	49.661	74.00	54.00	Pass
11 (Average)	2487.600	2.454	47.750	50.204	74.00	54.00	Pass

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



**Figure Channel 1: Horizontal (Average)**



**Note:**

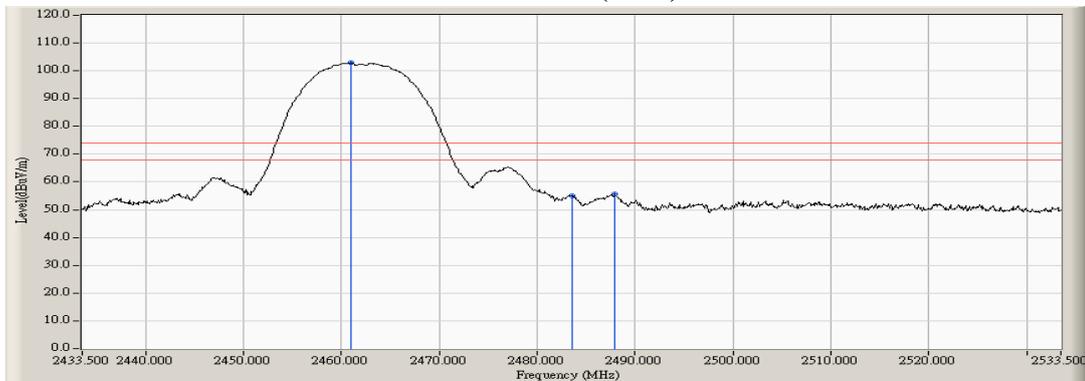
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2461.000	2.051	100.792	102.843	--	--	Pass
11 (Peak)	2483.500	2.393	52.576	54.968	74.00	54.00	Pass
11 (Peak)	2487.900	2.459	53.072	55.531	74.00	54.00	Pass
11 (Average)	2461.200	2.054	97.464	99.518	--	--	Pass
11 (Average)	2483.500	2.393	46.210	48.602	74.00	54.00	Pass
11 (Average)	2487.600	2.454	46.854	49.308	74.00	54.00	Pass

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



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



**Note:**

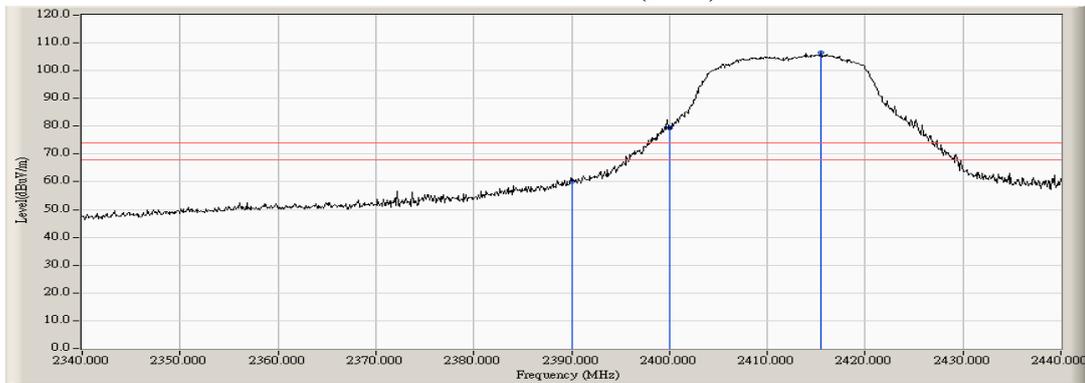
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps)

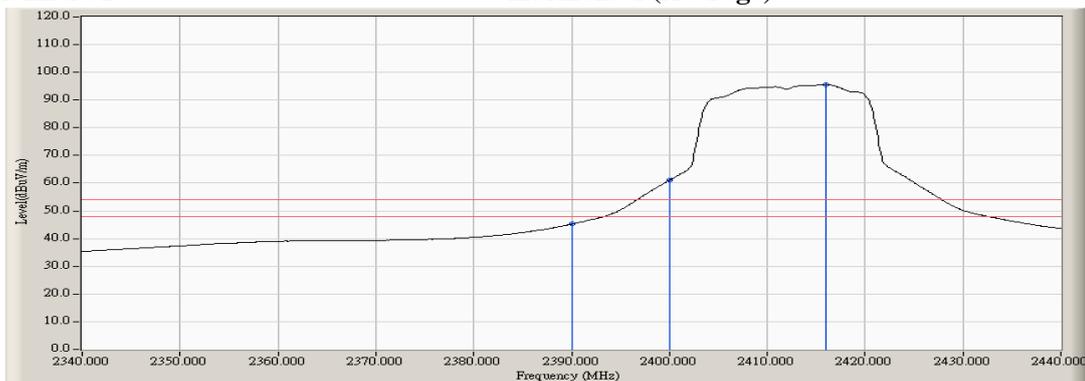
**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2390.000	1.818	58.189	60.006	74.00	54.00	Pass
01 (Peak)	2400.000	1.832	77.762	79.594	--	--	--
01 (Peak)	2415.500	2.013	104.447	106.459	--	--	--
01 (Average)	2390.000	1.818	43.412	45.229	74.00	54.00	Pass
01 (Average)	2400.000	1.832	59.229	61.061	--	--	--
01 (Average)	2416.000	2.019	93.483	95.502	--	--	--

**Figure Channel 01: Horizontal (Peak)**



**Figure Channel 01: Horizontal (Average)**



**Note:**

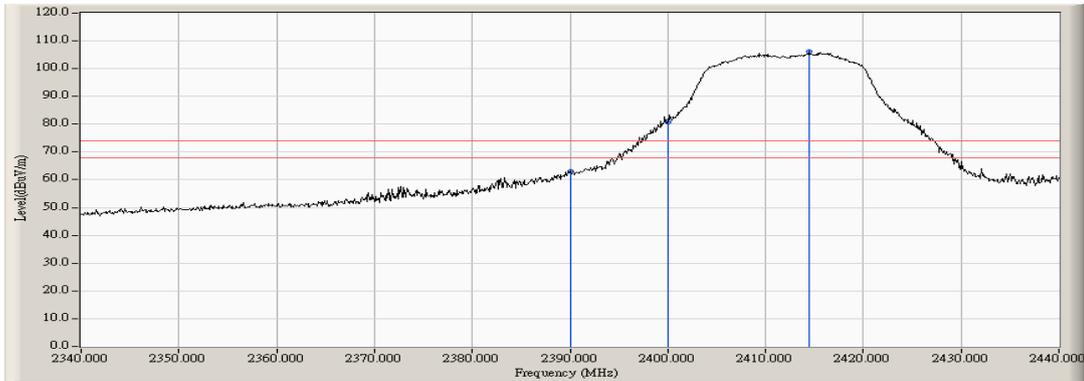
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps)

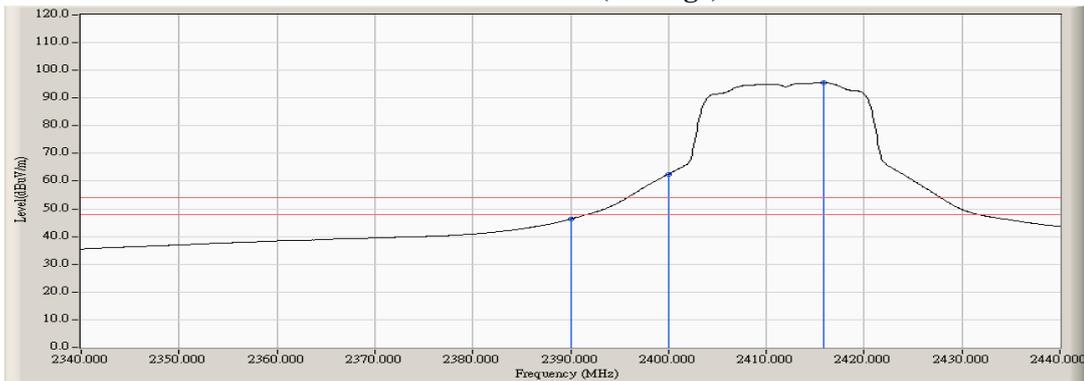
**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2390.000	1.818	61.260	63.077	74.00	54.00	Pass
01 (Peak)	2400.000	1.832	78.818	80.650	--	--	--
01 (Peak)	2414.400	1.997	104.084	106.081	--	--	--
01 (Average)	2390.000	1.818	44.502	46.319	74.00	54.00	Pass
01 (Average)	2400.000	1.832	60.723	62.555	--	--	--
01 (Average)	2415.900	2.018	93.440	95.457	--	--	--

**Figure Channel 01: Vertical (Peak)**



**Figure Channel 01: Vertical (Average)**



Note:

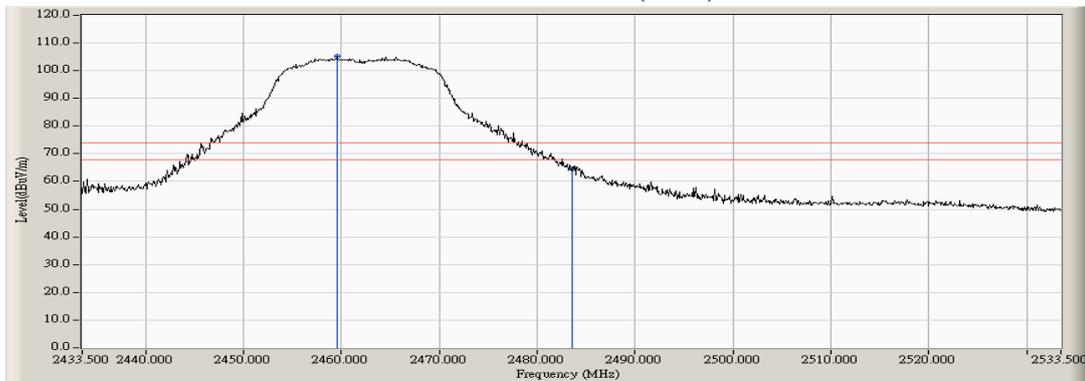
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps)

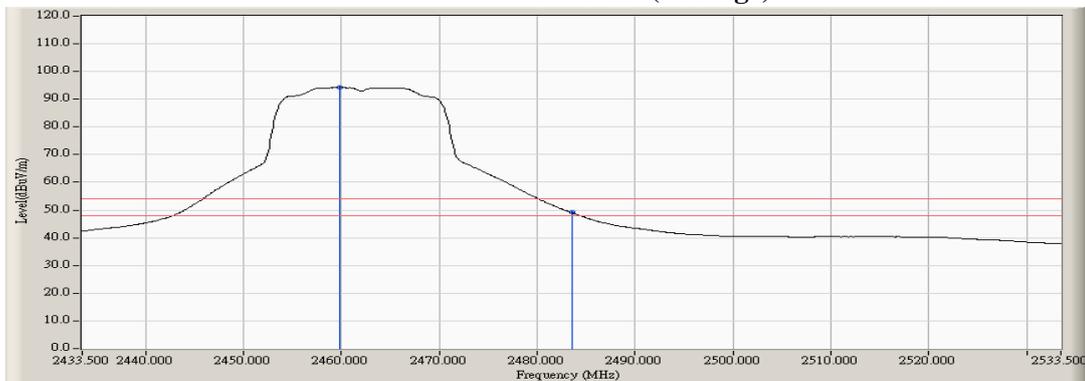
**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2459.500	2.027	103.225	105.252	--	--	Pass
11 (Peak)	2483.500	2.393	62.113	64.505	74.00	54.00	Pass
11 (Average)	2459.800	2.032	92.166	94.198	--	--	Pass
11 (Average)	2483.500	2.393	46.674	49.066	74.00	54.00	Pass

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



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



Note:

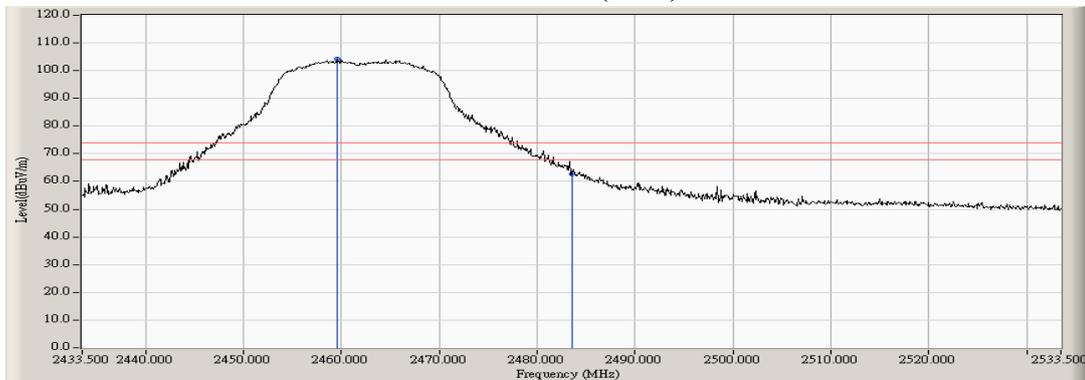
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps)

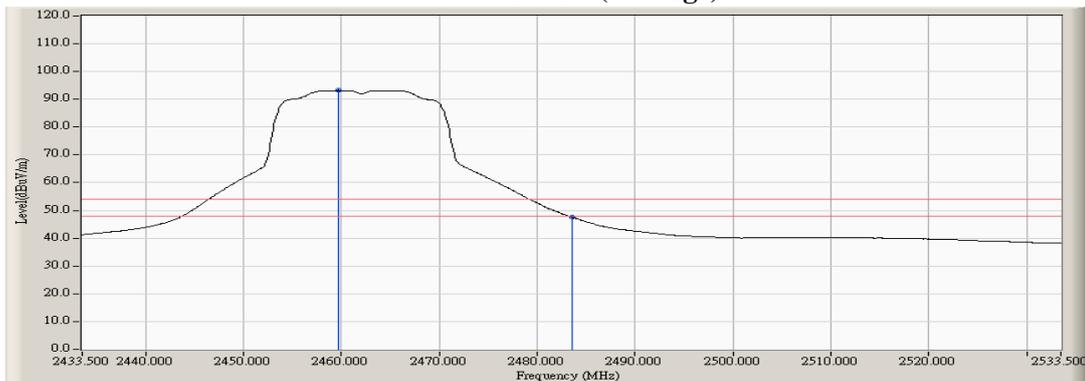
**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2459.500	2.027	102.199	104.226	--	--	Pass
11 (Peak)	2483.500	2.393	60.418	62.810	74.00	54.00	Pass
11 (Average)	2459.700	2.031	91.121	93.151	--	--	Pass
11 (Average)	2483.500	2.393	45.241	47.633	74.00	54.00	Pass

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



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



**Note:**

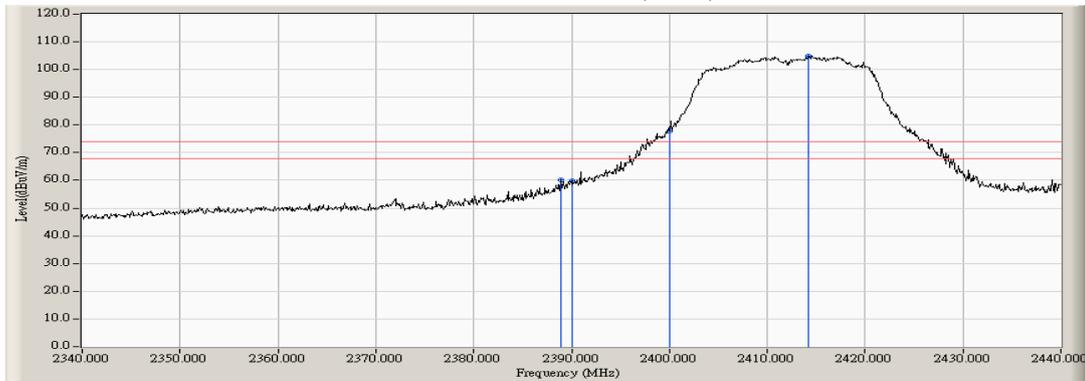
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 4: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band)

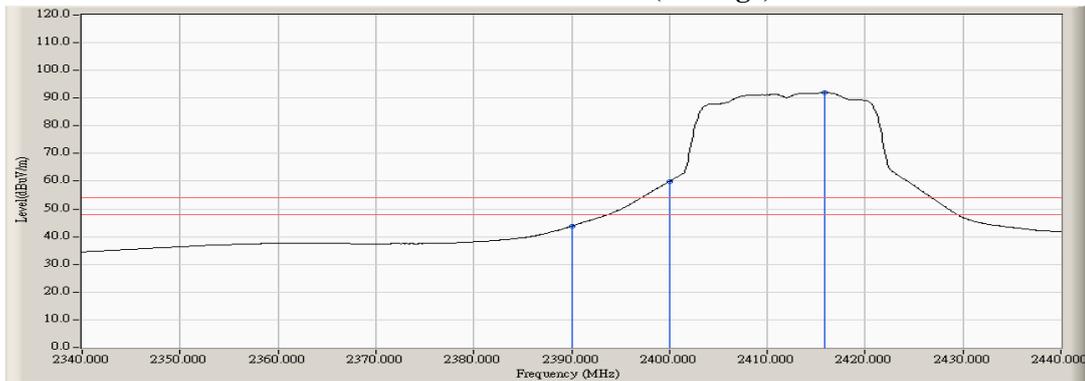
**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2388.900	1.815	58.231	60.046	74.00	54.00	Pass
01 (Peak)	2390.000	1.818	57.893	59.710	74.00	54.00	Pass
01 (Peak)	2400.000	1.832	75.975	77.807	--	--	--
01 (Peak)	2414.200	1.994	102.954	104.948	--	--	--
01 (Average)	2390.000	1.818	41.959	43.776	74.00	54.00	Pass
01 (Average)	2400.000	1.832	58.111	59.943	--	--	--
01 (Average)	2415.800	2.016	89.919	91.935	--	--	--

**Figure Channel 01: Horizontal (Peak)**



**Figure Channel 01: Horizontal (Average)**



**Note:**

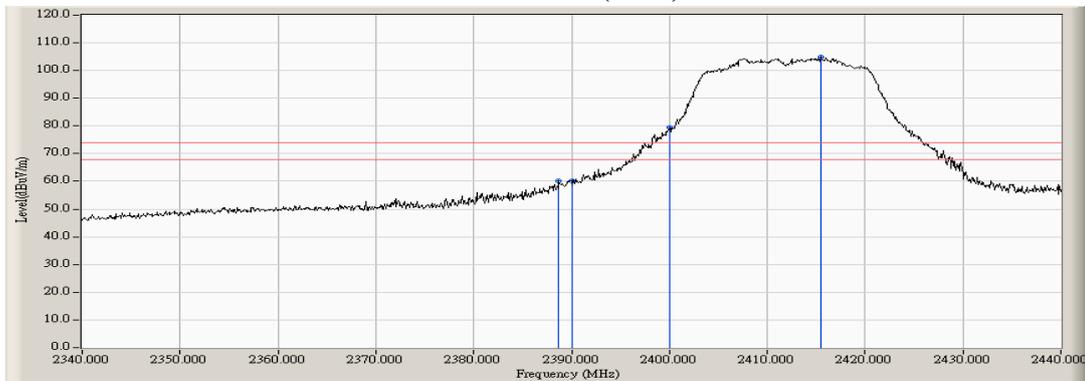
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 4: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band)

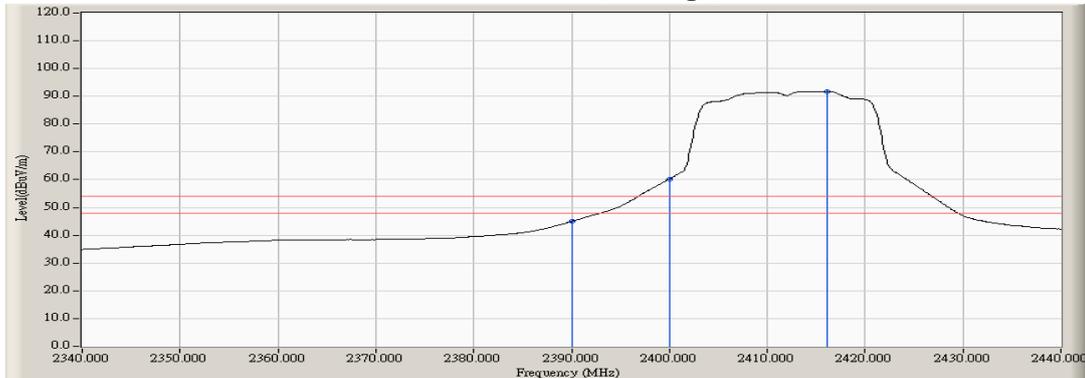
**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2388.700	1.815	58.482	60.297	74.00	54.00	Pass
01 (Peak)	2390.000	1.818	58.412	60.229	74.00	54.00	Pass
01 (Peak)	2400.000	1.832	77.508	79.340	--	--	--
01 (Peak)	2415.500	2.013	102.719	104.731	--	--	--
01 (Average)	2390.000	1.818	43.151	44.968	74.00	54.00	Pass
01 (Average)	2400.000	1.832	58.427	60.259	--	--	--
01 (Average)	2416.100	2.020	89.828	91.848	--	--	--

**Figure Channel 01: Vertical (Peak)**



**Figure Channel 01: Vertical (Average)**



**Note:**

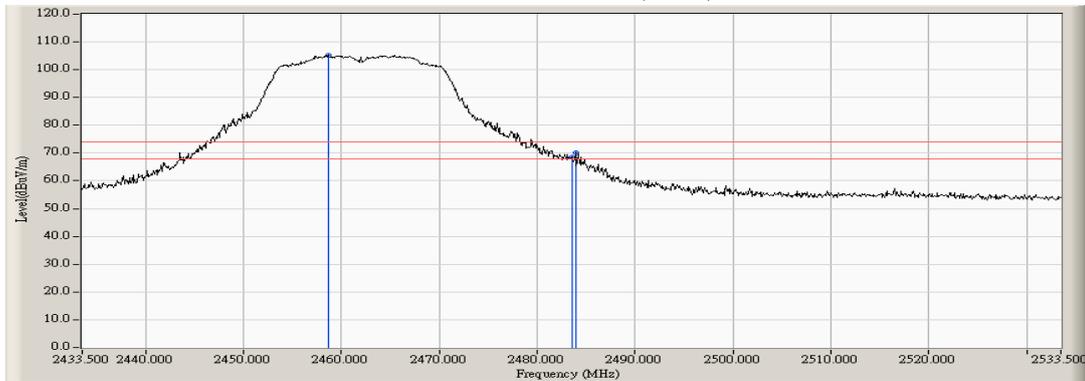
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 4: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band)

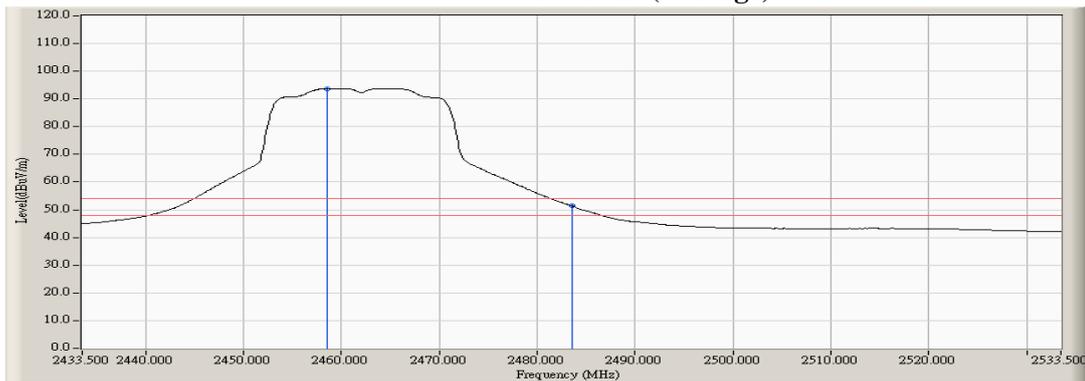
**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2458.700	2.015	103.137	105.152	--	--	Pass
11 (Peak)	2483.500	2.393	66.229	68.621	74.00	54.00	Pass
11 (Peak)	2483.900	2.399	67.796	70.194	74.00	54.00	Pass
11 (Average)	2458.500	2.012	91.675	93.686	--	--	Pass
11 (Average)	2483.500	2.393	48.994	51.386	74.00	54.00	Pass

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



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



**Note:**

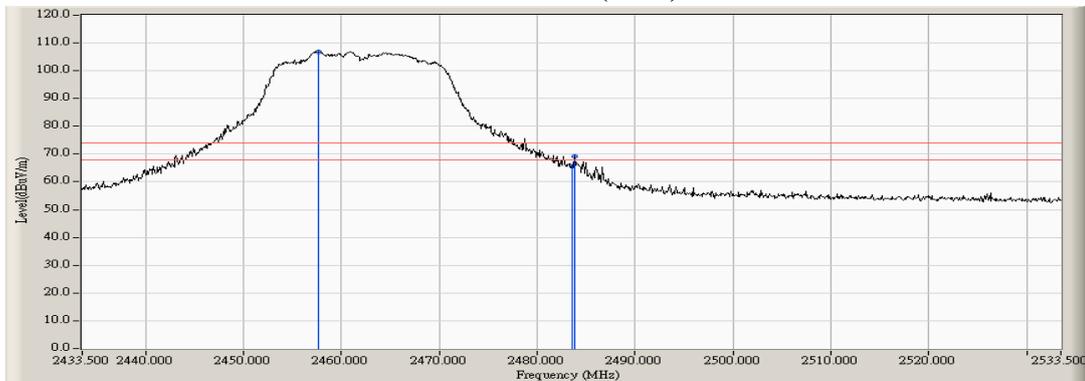
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 4: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band)

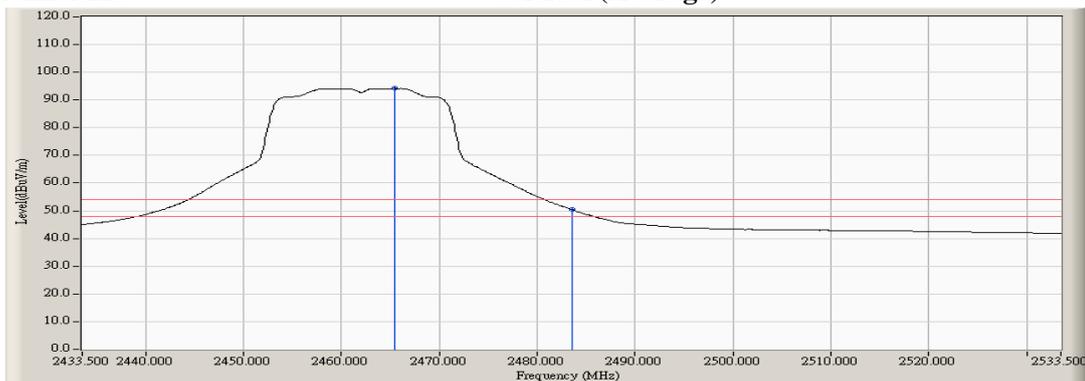
**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
11 (Peak)	2457.600	1.997	104.819	106.816	--	--	Pass
11 (Peak)	2483.500	2.393	63.396	65.788	74.00	54.00	Pass
11 (Peak)	2483.800	2.396	66.745	69.141	74.00	54.00	Pass
11 (Average)	2465.400	2.118	92.000	94.119	--	--	Pass
11 (Average)	2483.500	2.393	48.112	50.504	74.00	54.00	Pass

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



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



**Note:**

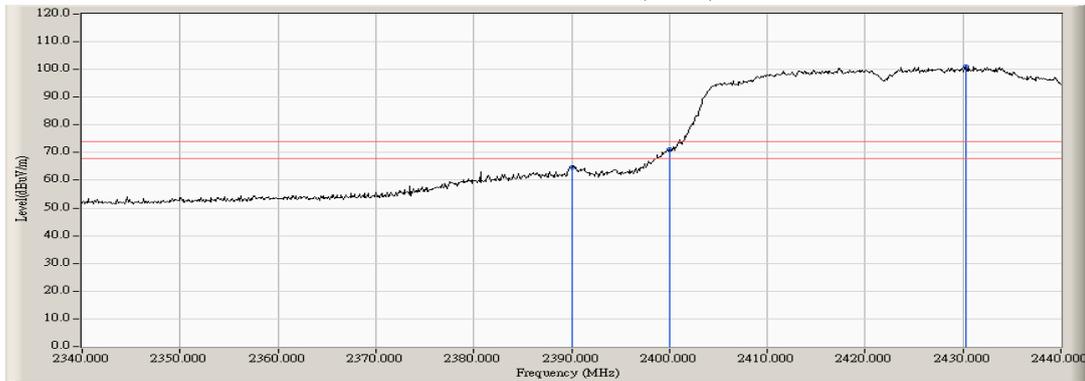
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_30Mbps(2.4G Band)

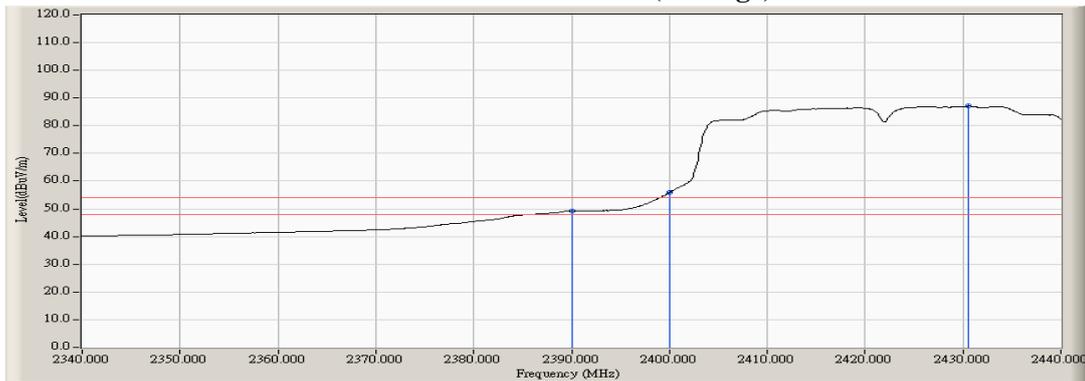
**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
03 (Peak)	2390.000	1.818	62.995	64.812	74.00	54.00	Pass
03 (Peak)	2400.000	1.832	69.157	70.989	--	--	--
03 (Peak)	2430.300	2.144	98.814	100.958	--	--	--
03 (Average)	2390.000	1.818	47.283	49.100	74.00	54.00	Pass
03 (Average)	2400.000	1.832	54.020	55.852	--	--	--
03 (Average)	2430.500	2.146	84.900	87.046	--	--	--

**Figure Channel 03: Horizontal (Peak)**



**Figure Channel 03: Horizontal (Average)**



**Note:**

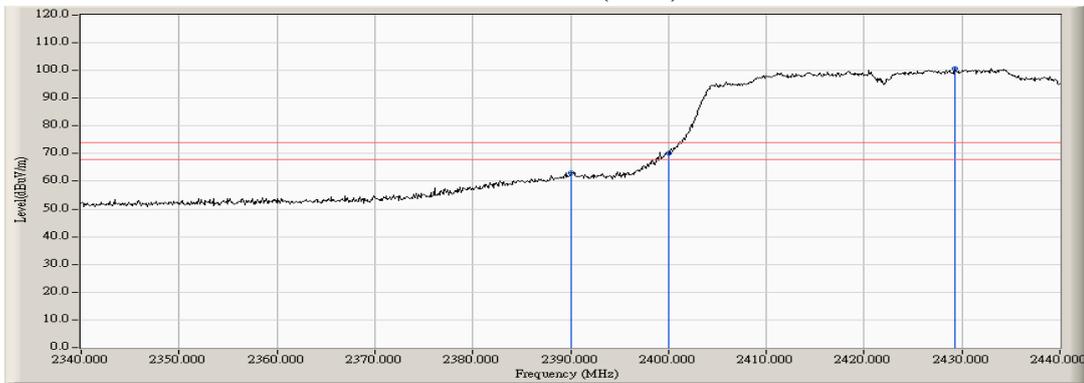
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_30Mbps(2.4G Band)

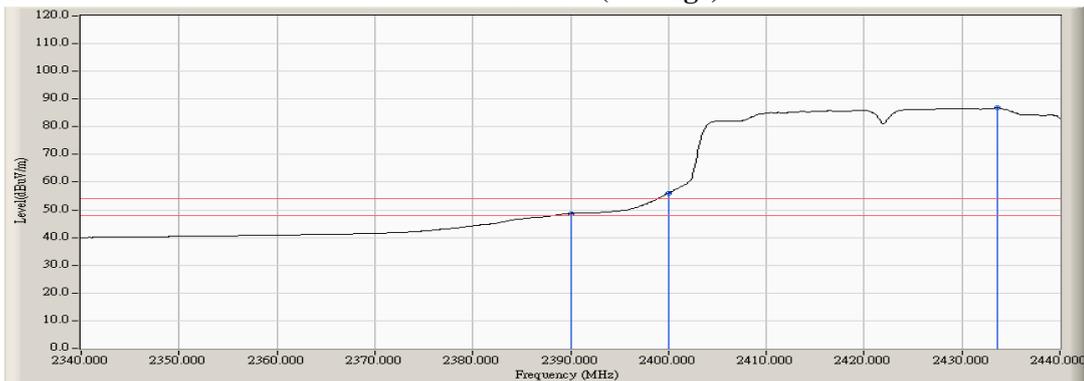
**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
03 (Peak)	2390.000	1.818	61.128	62.945	74.00	54.00	Pass
03 (Peak)	2400.000	1.832	68.291	70.123	--	--	--
03 (Peak)	2429.300	2.137	98.663	100.800	--	--	--
03 (Average)	2390.000	1.818	46.837	48.654	74.00	54.00	Pass
03 (Average)	2400.000	1.832	54.206	56.038	--	--	--
03 (Average)	2433.600	2.167	84.582	86.749	--	--	--

**Figure Channel 03: Vertical (Peak)**



**Figure Channel 03: Vertical (Average)**



**Note:**

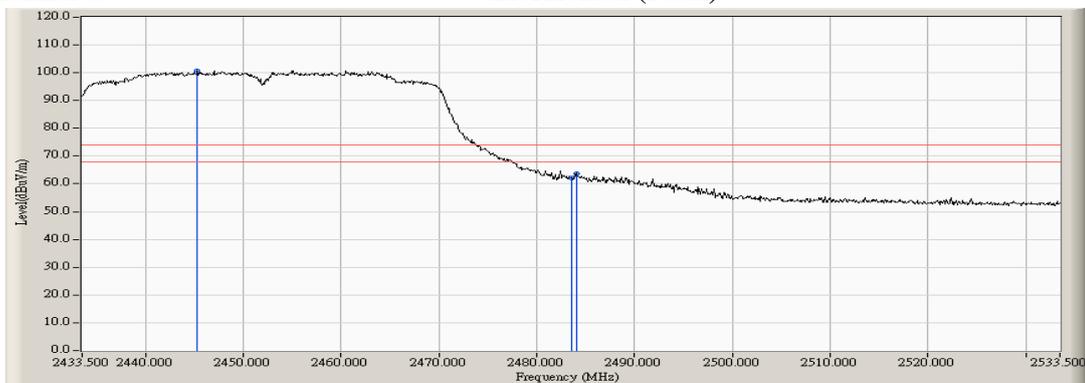
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_30Mbps(2.4G Band)

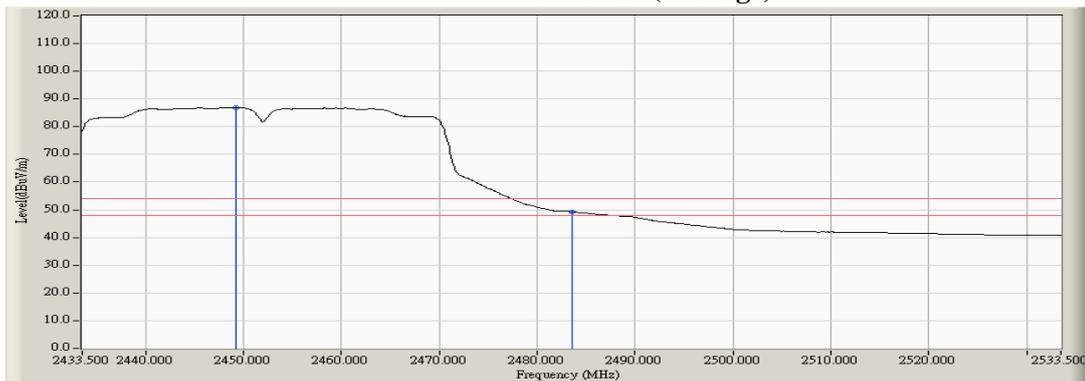
**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
09 (Peak)	2445.300	2.105	98.598	100.703	--	--	Pass
09 (Peak)	2483.500	2.393	59.617	62.009	74.00	54.00	Pass
09 (Peak)	2484.100	2.401	61.325	63.726	74.00	54.00	Pass
09 (Average)	2449.200	2.055	84.960	87.016	--	--	Pass
09 (Average)	2483.500	2.393	46.947	49.339	74.00	54.00	Pass

**Figure Channel 09: Horizontal (Peak)**



**Figure Channel 09: Horizontal (Average)**



**Note:**

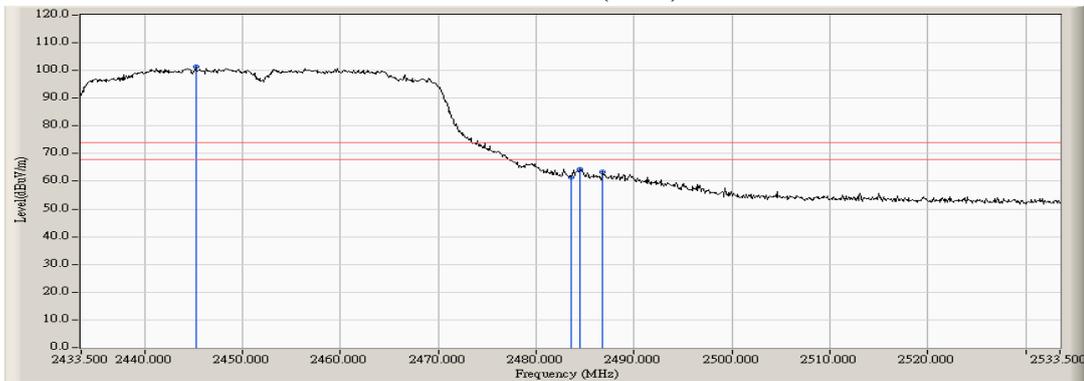
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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

Product : INTEL DUAL BAND WIRELESS-AC 7265  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_30Mbps(2.4G Band)

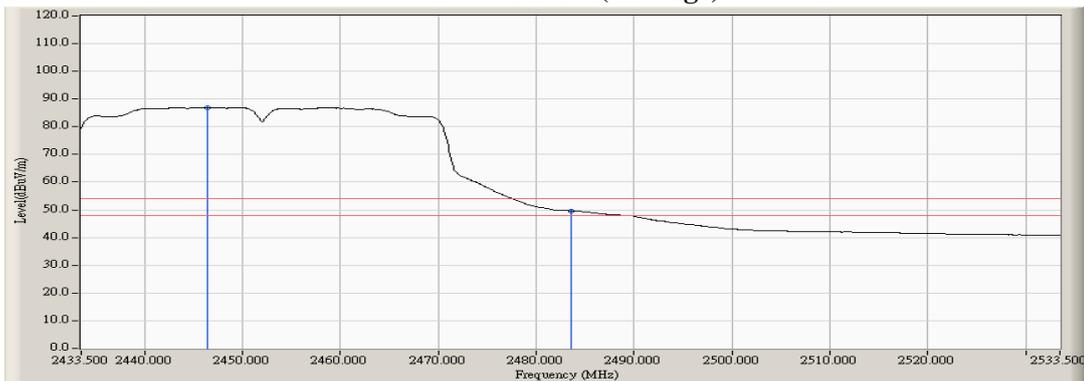
**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
09 (Peak)	2445.200	2.106	99.082	101.188	--	--	Pass
09 (Peak)	2483.500	2.393	59.125	61.517	74.00	54.00	Pass
09 (Peak)	2484.500	2.407	62.068	64.475	74.00	54.00	Pass
09 (Peak)	2486.800	2.442	61.062	63.504	74.00	54.00	Pass
09 (Average)	2446.400	2.090	84.891	86.982	--	--	Pass
09 (Average)	2483.500	2.393	47.293	49.685	74.00	54.00	Pass

**Figure Channel 09: Vertical (Peak)**



**Figure Channel 09: Vertical (Average)**



**Note:**

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

**5. EMI Reduction Method During Compliance Testing**

No modification was made during testing.

## Attachment 1: EUT Test Photographs

## Attachment 2: EUT Detailed Photographs