

# FCC Test Report

## (Class II Permissive Change)

Product Name	Intel® Wireless-AC 9462
Model No	9462NGW
FCC ID.	PD99462NG

Applicant	Intel Mobile Communications
Address	100 Center Point Circle, Suite 200 Columbia, South Carolina 29210 USA

Date of Receipt	Feb. 22, 2018
Issue Date	Mar. 28, 2018
Report No.	1820196R-RFUSP25V00
Report Version	V1.0



Testing Laboratory

3023

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.

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## Test Report

Issue Date: Mar. 28, 2018

Report No.: 1820196R-RFUSP25V00



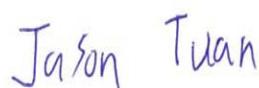
Product Name	Intel® Wireless-AC 9462
Applicant	Intel Mobile Communications
Address	100 Center Point Circle, Suite 200 Columbia, South Carolina 29210 USA
Manufacturer	Intel Mobile Communications
Model No.	9462NGW
FCC ID.	PD99462NG
EUT Rated Voltage	DC 3.3V (via Mini-PCI Express slot)
EUT Test Voltage	DC 3.3V (via Mini-PCI Express slot)
Trade Name	Intel
Applicable Standard	FCC CFR Title 47 Part 15 Subpart E: 2017 ANSI C63.4: 2014, ANSI C63.10: 2013 789033 D02 General UNII Test Procedures New Rules v02
Test Result	Complied

Documented By :



( Senior Adm. Specialist / Rita Huang )

Tested By :



( Engineer / Jason Tuan )

Approved By :



( Director / Vincent Lin )

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Attachment 1: EUT Test Photographs

Attachment 2: EUT Detailed Photographs

## 1. GENERAL INFORMATION

### 1.1. EUT Description

Product Name	Intel® Wireless-AC 9462
Trade Name	Intel
Model No.	9462NGW
FCC ID.	PD99462NG
Frequency Range	802.11b/g/n-20MHz:2412-2472MHz, 802.11n-40MHz:2422-2462MHz
Number of Channels	802.11b/g/n-20MHz: 13, n-40MHz: 9
Data Speed	802.11b: 1-11Mbps, 802.11g: 6-54Mbps, 802.11n: up to 150Mbps
Channel separation	802.11b/g/n-20(40)MHz: 5 MHz
Type of Modulation	802.11b:DSSS, DBPSK, DQPSK, CCK 802.11g/n: OFDM, BPSK, QPSK, 16QAM, 64QAM
Antenna Type	Dipole Antenna
Channel Control	Auto
Antenna Gain	Refer to the table “Antenna List”

### Antenna List:

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	WIESON Technologies co ., ltd	GY121HT0321-003-H / GY121C888-001-H(Main) ` GY121HT0321-003-H / GY121C888-001-H(Aux)	Dipole	2.89dBi for 2.4 GHz

Note: The antenna of EUT is conform to FCC 15.203

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

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

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

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

## Note:

1. This device is an Intel® Wireless-AC 9462 built-in WLAN 、Bluetooth transceiver, this report for 2.4G WLAN.
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.
4. These tests are conducted on a sample for the purpose of demonstrating compliance of 802.11b/g/n transmitter with Part 15 Subpart C Paragraph 15.247 of spread spectrum devices.
5. This is to request a Class II permissive change for FCC ID: PD99462NG, originally granted on 12/11/2017.

The major change filed under this application is:

Change #1: Addition an new antenna, antenna type is different with the original application.

(Antenna type: Dipole Antenna)

#2: Reduce the Output Power through firmware, All other hardware is identical with original granted.

Test Mode:	Mode 1 SISO A: Transmit (802.11b 1Mbps)
	Mode 1 SISO A: Transmit (802.11g 6Mbps)
	Mode 1 SISO A: Transmit (802.11n-20BW) 7.2Mbps
	Mode 1 SISO A: Transmit (802.11n-40BW) 15Mbps
	Mode 2 SISO B: Transmit (802.11b 1Mbps)
	Mode 2 SISO B: Transmit (802.11g 6Mbps)
	Mode 2 SISO B: Transmit (802.11n-20BW) 7.2Mbps
	Mode 2 SISO B: Transmit (802.11n-40BW) 15Mbps

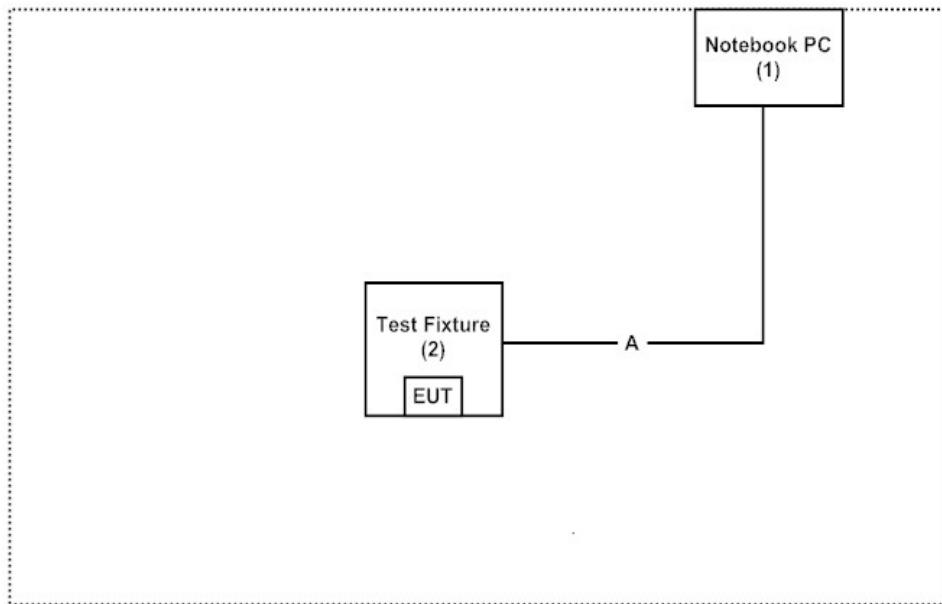
### 1.3. Tested System Details

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

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

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

### 1.4. Configuration of Tested System



### 1.5. EUT Exercise Software

- (1) Setup the EUT as shown on 1.4
- (2) Execute software “DRTU (Ver 10.1742.0-06126)” on the Notebook PC.
- (3) Configure the test mode, the test channel, and the data rate.
- (4) Start the continuous transmission.
- (5) Verify that the EUT works properly.

## 1.6. Test Facility

Ambient conditions in the laboratory:

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

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:

<http://www.dekra.com.tw/chinese/about/certificates.aspx?bval=5>

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: <http://www.dekra.com.tw>

Site Description: Accredited by TAF  
Accredited Number: 3023

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FCC Accreditation Number: TW3023

## 1.7. List of Test Item and Equipment

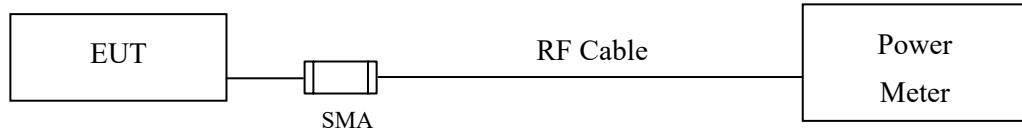
	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Power Meter	Keysight	8990B	MY51000410	2017/8/16	2018/8/15
X	Wideband power sensor	Keysight	N1923A	MY5608003	2017/8/16	2018/8/15
X	Spectrum Analyzer	R&S	FSP40	100170	2018/1/5	2019/1/3
	Loop Antenna	TESEQ	HLA6121	37133	2018/3/18	2019/3/17
X	Bi-Log Antenna	Schaffner Chase	CBL6112B	2707	2017/6/11	2018/6/10
X	Horn Antenna	ETS-Lindgren	3117	00203761	2017/10/15	2018/10/13
	Horn Antenna	Schwarzbeck	BBHA9170	209	2017/4/14	2018/4/13
X	Pre-Amplifier	QuieTek	QTK-LK-E-I-AMP4	N/A	2017/6/16	2018/6/15
X	Pre-Amplifier	EMCI	EMC012630SE	980210	2018/1/26	2019/1/24
X	Pre-Amplifier	NARDA WE	DBL-1840N506	013	2017/8/6	2018/8/4
X	Filter	MicroTRON	BRM50701	019	2017/10/20	2018/10/18
	Filter	Microwave Circuits	N0257881	36681	2017/12/7	2018/12/5
X	Coaxial Cable	QTK(Arnist)	SUCOFLEX 106	L1606-015C	2017/6/23	2018/6/22
X	EMI Test Receiver	R&S	ESCS 30	838251/001	2017/7/21	2018/7/20
X	Coaxial Cable	QTK(Arnist)	RG 214	LC003-RG	2017/6/16	2018/6/15
X	Coaxial signal switch	Anritsu	MP59B	6201415889	2017/6/16	2018/6/15

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with "X" are used to measure the final test results.
3. Test Software version :QuieTek EMI 2.0 V2.1.113.

## 2. Peak Power Output

### 2.1. Test Setup



### 2.2. Limits

The maximum peak power shall be less 1 Watt.

### 2.3. 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 v04 section 9.1.3 PKPM1 Peak power meter method.

### 2.4. Uncertainty

± 1.27 dB

## 2.5. Test Result of Peak Power Output

Product : Intel® Wireless-AC 9462  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/13  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps)

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	18.05	--	--	--	20.73	<30dBm	Pass
07	2442	20.7	20.63	20.54	20.46	22.2	<30dBm	Pass
11	2462	19.41	--	--	--	21.83	<30dBm	Pass
12	2467	16.63	--	--	--	19.21	<30dBm	Pass
13	2472	14.62	--	--	--	17.43	<30dBm	Pass

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

Product : Intel® Wireless-AC 9462  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/13  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

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)										
01	2412	16.07	--	--	--	--	--	--	--	21.34	<30dBm	Pass
07	2442	19.15	19.07	18.95	18.86	18.79	18.71	18.63	18.54	23.21	<30dBm	Pass
11	2462	16.23	--	--	--	--	--	--	--	22.16	<30dBm	Pass
12	2467	13.19	--	--	--	--	--	--	--	19.17	<30dBm	Pass
13	2472	-5.5	--	--	--	--	--	--	--	3.05	<30dBm	Pass

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

Product : Intel® Wireless-AC 9462  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/13  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7			
		Measurement Level (dBm)										
01	2412	15.76	--	--	--	--	--	--	--	21.5	<30dBm	Pass
07	2442	18.7	18.62	18.54	18.45	18.31	18.23	18.12	18.06	23.08	<30dBm	Pass
11	2462	15.42	--	--	--	--	--	--	--	21.65	<30dBm	Pass
12	2467	13.06	--	--	--	--	--	--	--	19.08	<30dBm	Pass
13	2472	-5.97	--	--	--	--	--	--	--	2.74	<30dBm	Pass

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

Product : Intel® Wireless-AC 9462  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/13  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7			
		Measurement Level (dBm)										
03	2422	13.84	--	--	--	--	--	--	--	21.25	<30dBm	Pass
07	2442	14.66	14.52	14.43	14.31	14.25	14.13	14.02	13.94	23.34	<30dBm	Pass
09	2452	13.35	--	--	--	--	--	--	--	20.41	<30dBm	Pass
10	2457	10.57	--	--	--	--	--	--	--	18.64	<30dBm	Pass
11	2462	2.72	--	--	--	--	--	--	--	10.4	<30dBm	Pass

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

Product : Intel® Wireless-AC 9462  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/13  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps)

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	17.74	--	--	--	20.47	<30dBm	Pass
07	2442	20.84	20.73	20.61	20.54	22.39	<30dBm	Pass
11	2462	19.44	--	--	--	22.21	<30dBm	Pass
12	2467	16.41	--	--	--	18.99	<30dBm	Pass
13	2472	14.31	--	--	--	17.12	<30dBm	Pass

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

Product : Intel® Wireless-AC 9462  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/13  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps)

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)										
01	2412	15.98	--	--	--	--	--	--	--	21.52	<30dBm	Pass
07	2442	19.09	18.95	18.82	18.76	18.69	18.51	18.43	18.34	23.36	<30dBm	Pass
11	2462	16.35	--	--	--	--	--	--	--	22.24	<30dBm	Pass
12	2467	12.46	--	--	--	--	--	--	--	18.84	<30dBm	Pass
13	2472	-5.44	--	--	--	--	--	--	--	3.08	<30dBm	Pass

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

Product : Intel® Wireless-AC 9462  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/13  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7			
		Measurement Level (dBm)										
01	2412	15.63	--	--	--	--	--	--	--	21.53	<30dBm	Pass
07	2442	19.05	18.92	18.84	18.75	18.61	18.53	18.42	18.36	23.39	<30dBm	Pass
11	2462	15.68	--	--	--	--	--	--	--	21.82	<30dBm	Pass
12	2467	12.83	--	--	--	--	--	--	--	18.72	<30dBm	Pass
13	2472	-5.74	--	--	--	--	--	--	--	2.68	<30dBm	Pass

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

Product : Intel® Wireless-AC 9462  
 Test Item : Peak Power Output Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/13  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps

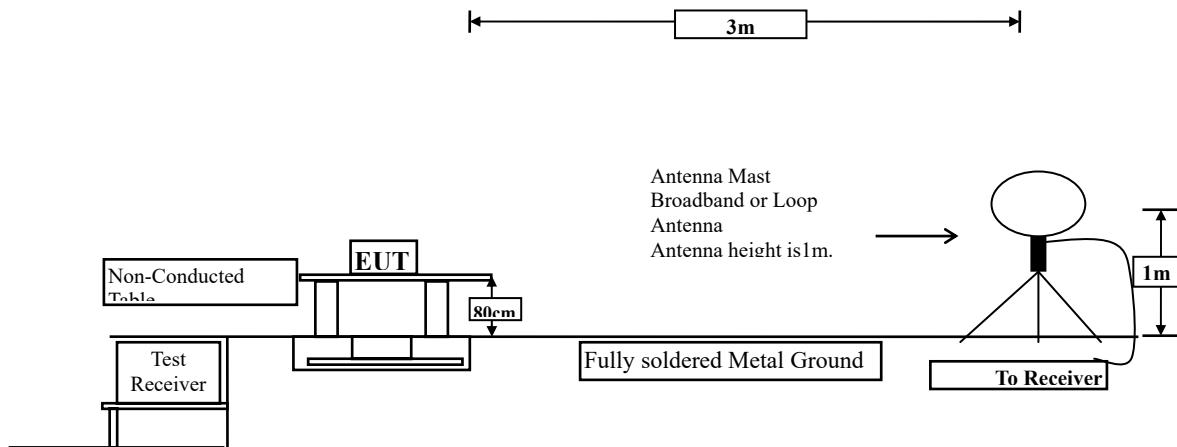
Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		HT0	HT1	HT2	HT3	HT4	HT5	HT6	HT7			
		Measurement Level (dBm)										
03	2422	13.74	--	--	--	--	--	--	--	21.28	<30dBm	Pass
07	2442	14.66	14.52	14.43	14.31	14.25	14.13	14.02	13.94	23.42	<30dBm	Pass
09	2452	13.41	--	--	--	--	--	--	--	20.44	<30dBm	Pass
10	2457	10.31	--	--	--	--	--	--	--	17.87	<30dBm	Pass
11	2462	1.83	--	--	--	--	--	--	--	11.29	<30dBm	Pass

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

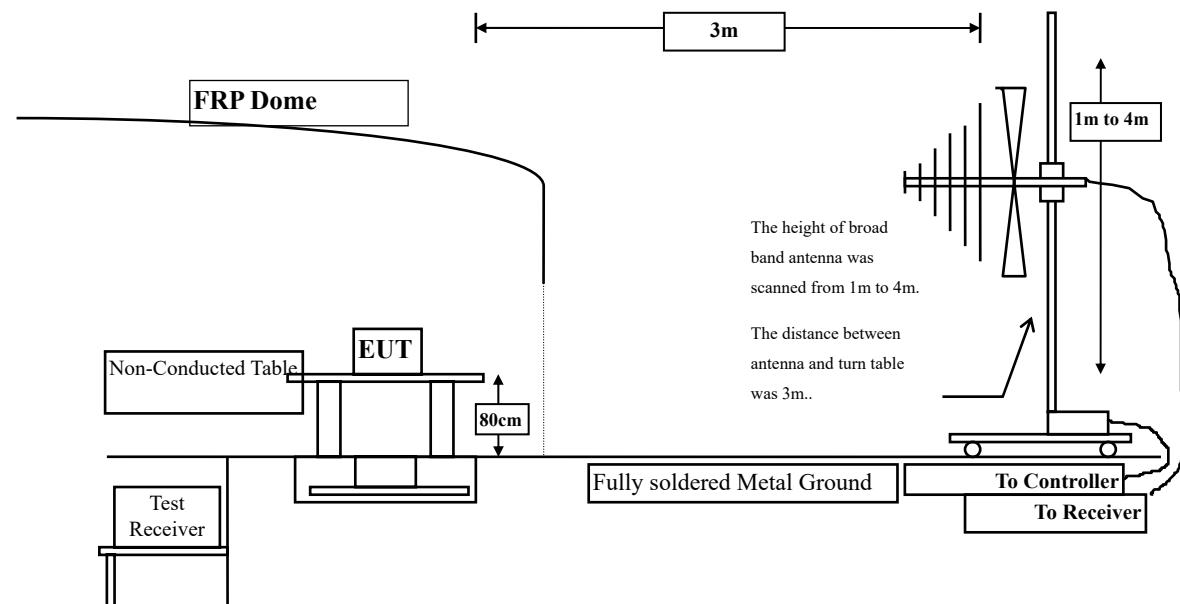
### 3. Radiated Emission

#### 3.1. Test Setup

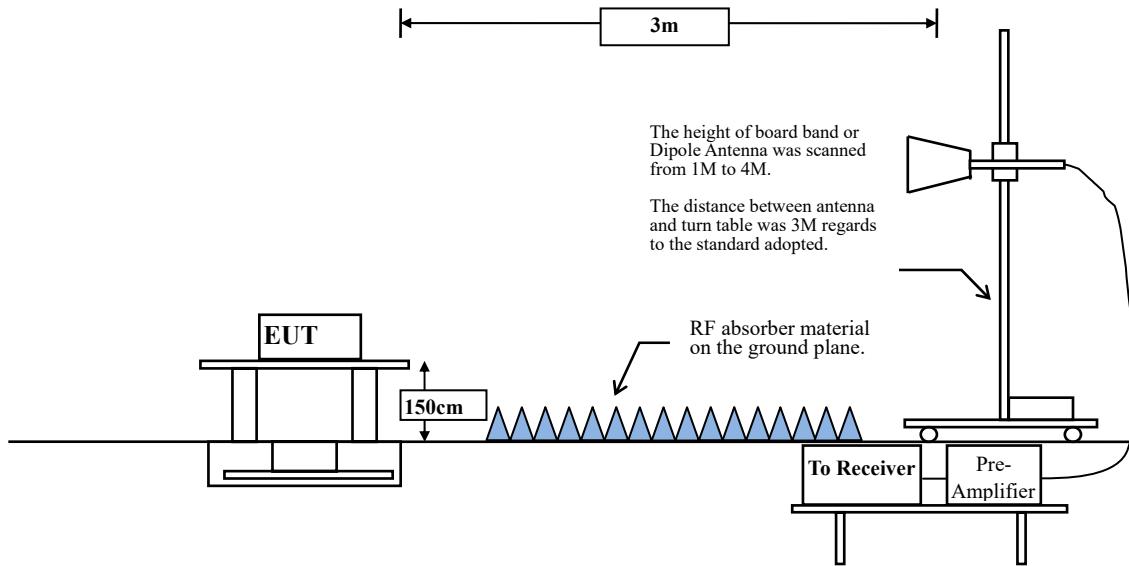
Under 30MHz



Below 1GHz



Above 1GHz



### 3.2. 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.

FCC Part 15 Subpart C Paragraph 15.209(a) Limits		
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)

### 3.3. 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.

#### **RBW and VBW Parameter setting:**

According to KDB 558074 section 12.2.4. Peak power measurement procedure

RBW = as specified in Table 1.

VBW  $\geq$  3 x RBW.

**Table 1 —RBW as a function of frequency**

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

According to KDB 558074 section 12.2.5. Average power measurement procedure

RBW = 1MHz.

VBW = 10Hz, when duty cycle  $\geq$  98 %

VBW  $\geq$  1/T, when duty cycle < 98 %

( T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (KHz)	VBW (Hz)
802.11b	98.6664	12.3333	0.081081	100hz
802.11g	93.6657	2.0362	0.491111	500hz
802.11n20	94.5650	1.8913	0.528737	1khz
802.11n40	79.8727	0.8913	1.121957	2khz

Note: Duty Cycle Refer to Section 5

### 3.4. Uncertainty

$\pm$  4.08 dB above 1GHz

$\pm$  4.22 dB below 1GHz

### 3.5. Test Result of Radiated Emission

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2412MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4824.000	-9.979	51.890	41.911	-32.089	74.000
7236.000	-4.641	52.470	47.830	-26.170	74.000
9648.000	-1.835	43.470	41.634	-32.366	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4824.000	-6.819	52.570	45.752	-28.248	74.000
7236.000	-3.796	53.530	49.734	-24.266	74.000
9648.000	-1.365	44.590	43.225	-30.775	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000

#### Note:

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4884.000	-10.330	53.430	43.100	-30.900	74.000
7326.000	-3.858	52.420	48.561	-25.439	74.000
9768.000	-2.613	44.240	41.627	-32.373	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4884.000	-7.633	53.880	46.247	-27.753	74.000
7326.000	-2.966	52.790	49.824	-24.176	74.000
9768.000	-2.154	44.620	42.466	-31.534	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss -Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test repor.

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2462 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4924.000	-10.519	51.950	41.430	-32.570	74.000
7386.000	-3.876	47.780	43.904	-30.096	74.000
9848.000	-2.581	45.660	43.079	-30.921	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4924.000	-7.856	52.660	44.803	-29.197	74.000
7386.000	-2.749	48.120	45.371	-28.629	74.000
9848.000	-2.066	46.630	44.564	-29.436	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2467 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4934.000	33.033	51.120	40.561	-33.439	74.000
7401.000	39.711	46.570	42.720	-31.280	74.000
9868.000	41.151	47.510	45.001	-28.999	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4934.000	-7.860	52.300	44.441	-29.559	74.000
7401.000	-2.722	47.820	45.098	-28.902	74.000
9868.000	-1.949	48.010	46.061	-27.939	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2472 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4944.000	-10.598	51.080	40.482	-33.518	74.000
7416.000	-3.780	46.420	42.640	-31.360	74.000
9888.000	-2.437	47.380	44.944	-29.056	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4944.000	-7.861	52.010	44.149	-29.851	74.000
7416.000	-2.728	47.810	45.082	-28.918	74.000
9888.000	-1.835	48.590	46.756	-27.244	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)(2412MHz)

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

**Peak Detector:**

4824.000	-9.979	51.340	41.361	-32.639	74.000
7236.000	-4.641	51.930	47.290	-26.710	74.000
9648.000	-1.835	43.080	41.244	-32.756	74.000

**Average**

**Detector:**

--	--	--	--	--	54.000
----	----	----	----	----	--------

### Vertical

**Peak Detector:**

4824.000	-6.819	52.030	45.212	-28.788	74.000
7236.000	-3.796	52.960	49.164	-24.836	74.000
9648.000	-1.365	43.890	42.525	-31.475	74.000

**Average**

**Detector:**

--	--	--	--	--	54.000
----	----	----	----	----	--------

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps) (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4884.000	-10.330	52.790	42.460	-31.540	74.000
7326.000	-3.858	51.830	47.971	-26.029	74.000
9768.000	-2.613	43.810	41.197	-32.803	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4884.000	-7.633	53.310	45.677	-28.323	74.000
7326.000	-2.966	52.080	49.114	-24.886	74.000
9768.000	-2.154	44.290	42.136	-31.864	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps) (2462 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4924.000	-10.519	51.830	41.310	-32.690	74.000
7386.000	-3.876	47.280	43.404	-30.596	74.000
9848.000	-2.581	45.280	42.699	-31.301	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4924.000	-7.856	52.380	44.523	-29.477	74.000
7386.000	-2.749	47.820	45.071	-28.929	74.000
9848.000	-2.066	45.910	43.844	-30.156	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps) (2467 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4934.000	-10.560	50.810	40.251	-33.749	74.000
7401.000	-3.849	45.920	42.070	-31.930	74.000
9868.000	-2.508	47.380	44.871	-29.129	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4934.000	-7.860	51.750	43.891	-30.109	74.000
7401.000	-2.722	47.210	44.488	-29.512	74.000
9868.000	-1.949	47.630	45.681	-28.319	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps) (2472 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4944.000	-10.598	50.870	40.272	-33.728	74.000
7416.000	-3.780	46.170	42.390	-31.610	74.000
9888.000	-2.437	47.090	44.654	-29.346	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4944.000	-7.861	51.370	43.509	-30.491	74.000
7416.000	-2.728	47.320	44.592	-29.408	74.000
9888.000	-1.835	48.060	46.226	-27.774	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2412MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4824.000	-9.979	51.370	41.391	-32.609	74.000
7236.000	-4.640	52.040	47.400	-26.600	74.000
9648.000	-1.836	42.980	41.144	-32.856	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4824.000	-6.819	52.370	45.552	-28.448	74.000
7236.000	-3.796	53.040	49.244	-24.756	74.000
9648.000	-1.365	43.820	42.455	-31.545	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4884.000	-10.330	53.170	42.840	-31.160	74.000
7326.000	-3.858	51.960	48.101	-25.899	74.000
9768.000	-2.613	43.830	41.217	-32.783	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4884.000	-7.633	53.290	45.657	-28.343	74.000
7326.000	-2.966	52.480	49.514	-24.486	74.000
9768.000	-2.154	44.310	42.156	-31.844	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2462 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4924.000	-10.519	51.630	41.110	-32.890	74.000
7386.000	-3.876	47.280	43.404	-30.596	74.000
9848.000	-2.581	45.310	42.729	-31.271	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4924.000	-7.856	52.290	44.433	-29.567	74.000
7386.000	-2.749	47.930	45.181	-28.819	74.000
9848.000	-2.066	46.280	44.214	-29.786	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2467 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4934.000	-10.560	50.830	40.271	-33.729	74.000
7401.000	-3.849	46.370	42.520	-31.480	74.000
9868.000	-2.508	47.020	44.511	-29.489	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4934.000	-7.860	51.970	44.111	-29.889	74.000
7401.000	-2.722	47.530	44.808	-29.192	74.000
9868.000	-1.949	47.810	45.861	-28.139	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2472 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4944.000	-10.598	50.860	40.262	-33.738	74.000
7416.000	-3.780	46.010	42.230	-31.770	74.000
9888.000	-2.437	46.930	44.494	-29.506	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4944.000	-7.861	51.730	43.869	-30.131	74.000
7416.000	-2.728	47.380	44.652	-29.348	74.000
9888.000	-1.835	48.020	46.186	-27.814	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2422MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4844.000	-7.089	50.730	43.640	-30.360	74.000
7266.000	-3.451	48.300	44.849	-29.151	74.000
9688.000	-1.661	45.910	44.250	-29.750	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4844.000	-7.089	51.830	44.740	-29.260	74.000
7266.000	-3.451	49.370	45.919	-28.081	74.000
9688.000	-1.661	47.260	45.600	-28.400	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4884.000	-10.330	51.860	41.530	-32.470	74.000
7326.000	-3.858	48.630	44.771	-29.229	74.000
9768.000	-2.613	45.380	42.767	-31.233	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4884.000	-7.633	53.180	45.547	-28.453	74.000
7326.000	-2.966	50.320	47.354	-26.646	74.000
9768.000	-2.154	46.790	44.636	-29.364	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

## Note:

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2452 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4904.000	-10.435	50.270	39.835	-34.165	74.000
7356.000	-3.867	46.820	42.953	-31.047	74.000
9808.000	-2.726	45.090	42.364	-31.636	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4904.000	-7.819	51.530	43.711	-30.289	74.000
7356.000	-2.857	48.390	45.533	-28.467	74.000
9808.000	-2.300	46.830	44.530	-29.470	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2457 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4914.000	-10.480	51.830	41.350	-32.650	74.000
7371.000	-3.870	47.260	43.390	-30.610	74.000
9828.000	-2.653	45.630	42.977	-31.023	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4914.000	-7.855	53.030	45.175	-28.825	74.000
7371.000	-2.802	48.580	45.778	-28.222	74.000
9828.000	-2.182	47.030	44.848	-29.152	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2462 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4924.000	-10.519	51.370	40.850	-33.150	74.000
7386.000	-3.876	47.560	43.684	-30.316	74.000
9848.000	-2.581	45.720	43.139	-30.861	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4924.000	-7.856	52.370	44.513	-29.487	74.000
7386.000	-2.749	48.190	45.441	-28.559	74.000
9848.000	-2.066	46.810	44.744	-29.256	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2412MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4824.000	-9.979	52.270	42.291	-31.709	74.000
7236.000	-4.641	53.310	48.670	-25.330	74.000
9648.000	-1.835	44.590	42.754	-31.246	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4824.000	-6.819	53.930	47.112	-26.888	74.000
7236.000	-3.796	54.270	50.474	-23.526	74.000
9648.000	-1.365	45.020	43.655	-30.345	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4884.000	-10.330	53.670	43.340	-30.660	74.000
7326.000	-3.858	53.260	49.401	-24.599	74.000
9768.000	-2.613	45.190	42.577	-31.423	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4884.000	-7.633	54.710	47.077	-26.923	74.000
7326.000	-2.966	54.030	51.064	-22.936	74.000
9768.000	-2.154	45.860	43.706	-30.294	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

## Note:

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2462 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4924.000	-10.519	52.730	42.210	-31.790	74.000
7386.000	-3.876	48.510	44.634	-29.366	74.000
9848.000	-2.581	45.920	43.339	-30.661	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4924.000	-7.856	53.510	45.653	-28.347	74.000
7386.000	-2.749	48.860	46.111	-27.889	74.000
9848.000	-2.066	47.030	44.964	-29.036	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2467 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4934.000	-10.560	51.890	41.331	-32.669	74.000
7401.000	-3.849	47.380	43.530	-30.470	74.000
9868.000	-2.508	47.910	45.401	-28.599	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4934.000	-7.860	53.720	45.861	-28.139	74.000
7401.000	-2.722	48.250	45.528	-28.472	74.000
9868.000	-1.949	48.910	46.961	-27.039	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2472 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4944.000	-10.598	51.760	41.162	-32.838	74.000
7416.000	-3.780	46.930	43.150	-30.850	74.000
9888.000	-2.437	48.010	45.574	-28.426	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4944.000	-7.861	53.340	45.479	-28.521	74.000
7416.000	-2.728	48.270	45.542	-28.458	74.000
9888.000	-1.835	49.510	47.676	-26.324	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2412MHz)

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

**Peak Detector:**

4824.000	-9.979	51.910	41.931	-32.069	74.000
7236.000	-4.641	52.640	48.000	-26.000	74.000
9648.000	-1.835	43.870	42.034	-31.966	74.000

**Average**

**Detector:**

--	--	--	--	--	54.000
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### Vertical

**Peak Detector:**

4824.000	-6.819	52.760	45.942	-28.058	74.000
7236.000	-3.796	53.590	49.794	-24.206	74.000
9648.000	-1.365	45.270	43.905	-30.095	74.000

**Average**

**Detector:**

--	--	--	--	--	54.000
----	----	----	----	----	--------

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4884.000	-10.330	53.020	42.690	-31.310	74.000
7326.000	-3.858	52.340	48.481	-25.519	74.000
9768.000	-2.613	44.670	42.057	-31.943	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4884.000	-7.633	54.080	46.447	-27.553	74.000
7326.000	-2.966	52.790	49.824	-24.176	74.000
9768.000	-2.154	45.340	43.186	-30.814	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

## Note:

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2462 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4924.000	-10.519	52.610	42.090	-31.910	74.000
7386.000	-3.876	47.560	43.684	-30.316	74.000
9848.000	-2.581	45.890	43.309	-30.691	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4924.000	-7.856	52.910	45.053	-28.947	74.000
7386.000	-2.749	48.570	45.821	-28.179	74.000
9848.000	-2.066	46.820	44.754	-29.246	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2467 MHz)

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

### Horizontal

**Peak Detector:**

4934.000	-10.560	51.520	40.961	-33.039	74.000
7401.000	-3.849	46.810	42.960	-31.040	74.000
9868.000	-2.508	48.210	45.701	-28.299	74.000

### Average

**Detector:**

--	--	--	--	--	54.000
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### Vertical

**Peak Detector:**

4934.000	-7.860	53.030	45.171	-28.829	74.000
7401.000	-2.722	48.350	45.628	-28.372	74.000
9868.000	-1.949	49.270	47.321	-26.679	74.000

### Average

**Detector:**

--	--	--	--	--	54.000
----	----	----	----	----	--------

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2472 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4944.000	-10.598	51.370	40.772	-33.228	74.000
7416.000	-3.780	46.820	43.040	-30.960	74.000
9888.000	-2.437	48.190	45.754	-28.246	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4944.000	-7.861	52.760	44.899	-29.101	74.000
7416.000	-2.728	47.960	45.232	-28.768	74.000
9888.000	-1.835	48.610	46.776	-27.224	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2412MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4824.000	-9.979	51.970	41.991	-32.009	74.000
7236.000	-4.641	53.150	48.510	-25.490	74.000
9648.000	-1.835	44.260	42.424	-31.576	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4824.000	-6.819	53.340	46.522	-27.478	74.000
7236.000	-3.796	54.190	50.394	-23.606	74.000
9648.000	-1.365	45.180	43.815	-30.185	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4884.000	-10.330	53.610	43.280	-30.720	74.000
7326.000	-3.858	52.730	48.871	-25.129	74.000
9768.000	-2.613	44.390	41.777	-32.223	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4884.000	-7.633	54.030	46.397	-27.603	74.000
7326.000	-2.966	53.270	50.304	-23.696	74.000
9768.000	-2.154	45.190	43.036	-30.964	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2462 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4924.000	-10.519	52.150	41.630	-32.370	74.000
7386.000	-3.876	47.890	44.014	-29.986	74.000
9848.000	-2.581	45.730	43.149	-30.851	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4924.000	-7.856	53.340	45.483	-28.517	74.000
7386.000	-2.749	48.510	45.761	-28.239	74.000
9848.000	-2.066	47.290	45.224	-28.776	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2467 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4934.000	-10.560	51.490	40.931	-33.069	74.000
7401.000	-3.849	47.380	43.530	-30.470	74.000
9868.000	-2.508	47.810	45.301	-28.699	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4934.000	-7.860	53.040	45.181	-28.819	74.000
7401.000	-2.722	48.630	45.908	-28.092	74.000
9868.000	-1.949	48.590	46.641	-27.359	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2472 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4944.000	-10.598	51.730	41.132	-32.868	74.000
7416.000	-3.780	47.560	43.780	-30.220	74.000
9888.000	-2.437	47.910	45.474	-28.526	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4944.000	-7.861	52.610	44.749	-29.251	74.000
7416.000	-2.728	47.830	45.102	-28.898	74.000
9888.000	-1.835	48.560	46.726	-27.274	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2422MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4844.000	-10.096	51.370	41.274	-32.726	74.000
7266.000	-4.271	48.590	44.319	-29.681	74.000
9688.000	-2.204	46.210	44.007	-29.993	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4844.000	-7.089	52.910	45.820	-28.180	74.000
7266.000	-3.451	50.160	46.709	-27.291	74.000
9688.000	-1.661	47.690	46.030	-27.970	74.000
<b>Average</b>					
<b>Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4884.000	-10.330	52.280	41.950	-32.050	74.000
7326.000	-3.858	49.170	45.311	-28.689	74.000
9768.000	-2.613	45.820	43.207	-30.793	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4884.000	-7.633	53.710	46.077	-27.923	74.000
7326.000	-2.966	50.980	48.014	-25.986	74.000
9768.000	-2.154	47.340	45.186	-28.814	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2452 MHz)

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
4904.000	-10.435	50.830	40.395	-33.605	74.000
7356.000	-3.867	47.240	43.373	-30.627	74.000
9808.000	-2.726	45.670	42.944	-31.056	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
4904.000	-7.819	52.370	44.551	-29.449	74.000
7356.000	-2.857	48.910	46.053	-27.947	74.000
9808.000	-2.300	47.520	45.220	-28.780	74.000
<b>Average Detector:</b>					
--	--	--	--	--	54.000

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2457 MHz)

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

### Horizontal

**Peak Detector:**

4914.000	-10.480	52.680	42.200	-31.800	74.000
7371.000	-3.870	47.510	43.640	-30.360	74.000
9828.000	-2.653	46.020	43.367	-30.633	74.000

### Average

**Detector:**

--	--	--	--	--	54.000
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### Vertical

**Peak Detector:**

4914.000	-7.855	53.720	45.865	-28.135	74.000
7371.000	-2.802	49.190	46.388	-27.612	74.000
9828.000	-2.182	47.680	45.498	-28.502	74.000

### Average

**Detector:**

--	--	--	--	--	54.000
----	----	----	----	----	--------

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Harmonic Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/14  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2462 MHz)

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

### Horizontal

**Peak Detector:**

4924.000	-10.519	51.930	41.410	-32.590	74.000
7386.000	-3.876	48.120	44.244	-29.756	74.000
9848.000	-2.581	46.370	43.789	-30.211	74.000

**Average**

**Detector:**

--	--	--	--	--	54.000
----	----	----	----	----	--------

### Vertical

**Peak Detector:**

4924.000	-7.856	53.060	45.203	-28.797	74.000
7386.000	-2.749	48.710	45.961	-28.039	74.000
9848.000	-2.066	47.380	45.314	-28.686	74.000

**Average**

**Detector:**

--	--	--	--	--	54.000
----	----	----	----	----	--------

**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/16  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dBµV	Measurement Level dBµV/m	Margin dB	Limit dBµV/m
<b>Horizontal</b>					
30.000	-0.150	37.183	37.033	-2.967	40.000
106.630	-7.622	44.633	37.011	-6.489	43.500
203.630	-10.357	44.760	34.402	-9.098	43.500
370.470	0.839	33.828	34.667	-11.333	46.000
815.700	6.451	23.660	30.111	-15.889	46.000
961.200	6.810	24.365	31.175	-22.825	54.000
<b>Vertical</b>					
106.630	-4.302	42.791	38.489	-5.011	43.500
180.350	-1.132	34.061	32.929	-10.571	43.500
380.170	0.962	28.459	29.421	-16.579	46.000
450.010	-5.869	35.113	29.244	-16.756	46.000
531.490	1.197	28.918	30.114	-15.886	46.000
806.000	3.686	23.972	27.658	-18.342	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® Wireless-AC 9462  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/16  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps) (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
30.000	-0.150	35.627	35.477	-4.523	40.000
106.630	-7.622	44.266	36.644	-6.856	43.500
191.990	-9.887	46.364	36.477	-7.023	43.500
390.840	0.962	31.404	32.366	-13.634	46.000
532.460	3.099	27.389	30.488	-15.512	46.000
827.340	7.361	23.623	30.984	-15.016	46.000
<b>Vertical</b>					
42.610	-11.321	47.517	36.196	-3.804	40.000
106.630	-4.302	43.159	38.857	-4.643	43.500
196.840	-5.691	36.195	30.504	-12.996	43.500
389.870	-0.732	30.769	30.036	-15.964	46.000
605.210	2.274	32.396	34.670	-11.330	46.000
843.830	2.420	23.381	25.801	-20.199	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® Wireless-AC 9462  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/16  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
30.000	-0.150	36.134	35.984	-4.016	40.000
106.630	-7.622	44.600	36.978	-6.522	43.500
191.990	-9.887	44.907	35.020	-8.480	43.500
380.170	1.382	31.210	32.592	-13.408	46.000
530.520	3.062	29.389	32.451	-13.549	46.000
884.570	6.531	25.886	32.417	-13.583	46.000
<b>Vertical</b>					
106.630	-4.302	43.483	39.181	-4.319	43.500
180.350	-1.132	32.317	31.185	-12.315	43.500
380.170	0.962	30.080	31.042	-14.958	46.000
532.460	1.209	32.558	33.767	-12.233	46.000
758.470	2.289	24.273	26.562	-19.438	46.000
929.190	3.780	23.434	27.214	-18.786	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® Wireless-AC 9462  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/16  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
30.970	-0.328	33.249	32.921	-7.079	40.000
106.630	-7.622	43.707	36.085	-7.415	43.500
420.910	-0.262	26.916	26.654	-19.346	46.000
537.310	3.283	23.659	26.942	-19.058	46.000
825.400	7.346	22.769	30.115	-15.885	46.000
908.820	6.330	22.727	29.057	-16.943	46.000
<b>Vertical</b>					
106.630	-4.302	42.563	38.261	-5.239	43.500
382.110	0.521	30.081	30.601	-15.399	46.000
532.460	1.209	26.605	27.814	-18.186	46.000
681.840	1.622	24.008	25.630	-20.370	46.000
755.560	2.829	23.496	26.325	-19.675	46.000
964.110	3.722	23.233	26.955	-27.045	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® Wireless-AC 9462  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/16  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
106.630	-7.622	43.650	36.028	-7.472	43.500
191.990	-9.887	40.711	30.824	-12.676	43.500
389.870	0.998	30.890	31.887	-14.113	46.000
532.460	3.099	30.316	33.415	-12.585	46.000
692.510	3.667	23.490	27.157	-18.843	46.000
884.570	6.531	23.678	30.209	-15.791	46.000
<b>Vertical</b>					
106.630	-4.302	44.029	39.727	-3.773	43.500
368.530	-0.274	28.044	27.770	-18.230	46.000
532.460	1.209	25.087	26.296	-19.704	46.000
606.180	2.246	23.492	25.738	-20.262	46.000
704.150	-0.598	32.685	32.087	-13.913	46.000
930.160	3.830	23.435	27.265	-18.735	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® Wireless-AC 9462  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/16  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit
					dB $\mu$ V/m
<b>Horizontal</b>					
106.630	-7.622	44.146	36.524	-6.976	43.500
191.990	-9.887	42.491	32.604	-10.896	43.500
376.290	1.003	32.187	33.190	-12.810	46.000
532.460	3.099	26.888	29.987	-16.013	46.000
604.240	4.289	23.729	28.019	-17.981	46.000
826.370	7.359	23.235	30.594	-15.406	46.000
<b>Vertical</b>					
106.630	-4.302	41.928	37.626	-5.874	43.500
191.020	-5.629	34.601	28.972	-14.528	43.500
383.080	0.195	27.096	27.291	-18.709	46.000
531.490	1.197	25.825	27.021	-18.979	46.000
690.570	2.237	23.705	25.942	-20.058	46.000
809.880	3.026	23.771	26.797	-19.203	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® Wireless-AC 9462  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/16  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2442 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
106.630	-7.622	44.608	36.986	-6.514	43.500
191.990	-9.887	41.223	31.336	-12.164	43.500
385.990	1.160	31.140	32.300	-13.700	46.000
530.520	3.062	26.301	29.363	-16.637	46.000
798.240	6.409	24.098	30.506	-15.494	46.000
931.130	7.420	23.413	30.833	-15.167	46.000
<b>Vertical</b>					
106.630	-4.302	43.544	39.242	-4.258	43.500
191.990	-5.637	35.826	30.189	-13.311	43.500
380.170	0.962	28.501	29.463	-16.537	46.000
530.520	1.192	30.951	32.143	-13.857	46.000
690.570	2.237	23.195	25.432	-20.568	46.000
963.140	3.581	24.008	27.589	-26.411	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® Wireless-AC 9462  
 Test Item : General Radiated Emission Data  
 Test Site : No.3 OATS  
 Test date : 2018/03/16  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2442 MHz)

Frequency MHz	Correct Factor	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
106.630	-7.622	44.584	36.962	-6.538	43.500
191.990	-9.887	40.980	31.093	-12.407	43.500
374.350	0.884	34.700	35.584	-10.416	46.000
591.630	3.373	24.507	27.880	-18.120	46.000
822.490	7.179	23.185	30.364	-15.636	46.000
967.990	7.317	23.537	30.854	-23.146	54.000
<b>Vertical</b>					
106.630	-4.302	43.424	39.122	-4.378	43.500
192.960	-5.655	34.358	28.703	-14.797	43.500
365.620	0.282	28.080	28.362	-17.638	46.000
640.130	-1.584	26.464	24.880	-21.120	46.000
825.400	3.016	22.573	25.589	-20.411	46.000
947.620	3.231	23.491	26.722	-19.278	46.000

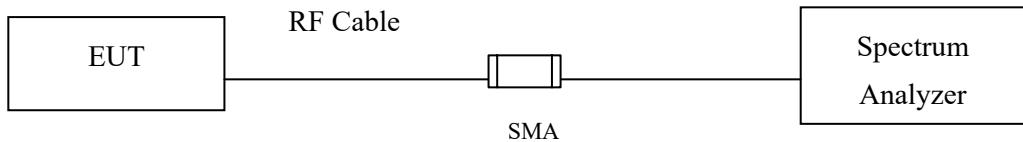
## Note:

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

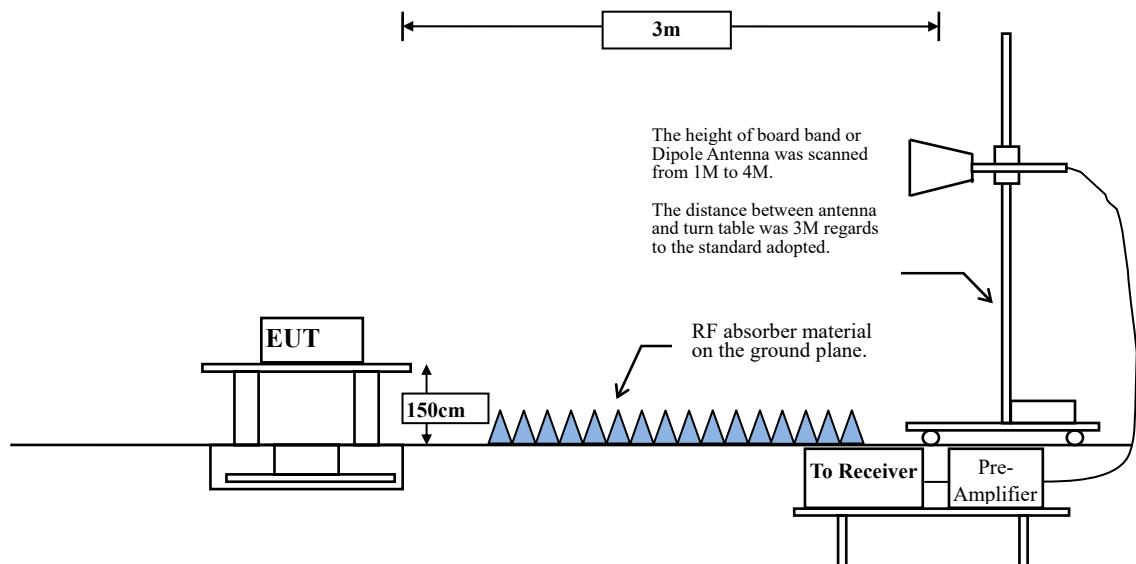
### 4.1. Test Setup

#### RF Conducted Measurement



#### RF Radiated Measurement:

Above 1GHz



## 4.2. 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.

## 4.3. 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.

### **RBW and VBW Parameter setting:**

According to KDB 558074 section 12.2.4. Peak power measurement procedure

RBW = as specified in Table 1.

VBW  $\geq$  3 x RBW.

**Table 1 —RBW as a function of frequency**

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

According to KDB 558074 section 12.2.5. Average power measurement procedure

RBW = 1MHz.

VBW = 10Hz, when duty cycle  $\geq$  98 %

VBW  $\geq$  1/T, when duty cycle < 98 %

( T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (KHz)	VBW (Hz)
802.11b	98.6664	12.3333	0.081081	100hz
802.11g	93.6657	2.0362	0.491111	500hz
802.11n20	94.5650	1.8913	0.528737	1khz
802.11n40	79.8727	0.8913	1.121957	2khz

Note: Duty Cycle Refer to Section 5

#### 4.4. Uncertainty

$\pm$  4.08 dB above 1GHz

$\pm$  4.22 dB below 1GHz

## 4.5. Test Result of Band Edge

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2412MHz)

### RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2363.913	6.358	52.429	58.787	74.00	54.00	Pass
01 (Peak)	2390.000	6.474	51.775	58.250	74.00	54.00	Pass
01 (Peak)	2394.493	6.495	52.881	59.376	--	--	--
01 (Peak)	2400.000	6.528	52.523	59.051	--	--	--
01 (Peak)	2413.043	6.610	91.409	98.019	--	--	--
01 (Average)	2385.797	6.457	34.859	41.315	74.00	54.00	Pass
01 (Average)	2390.000	6.474	31.254	37.729	74.00	54.00	Pass
01 (Average)	2399.275	6.524	38.125	44.649	--	--	--
01 (Average)	2400.000	6.528	37.014	43.542	--	--	--
01 (Average)	2412.754	6.608	88.246	94.854	--	--	--

Figure Channel 01:

Horizontal (Peak)

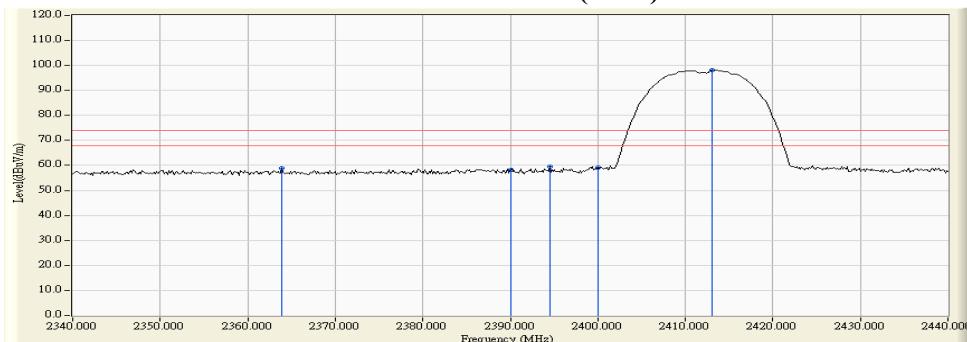
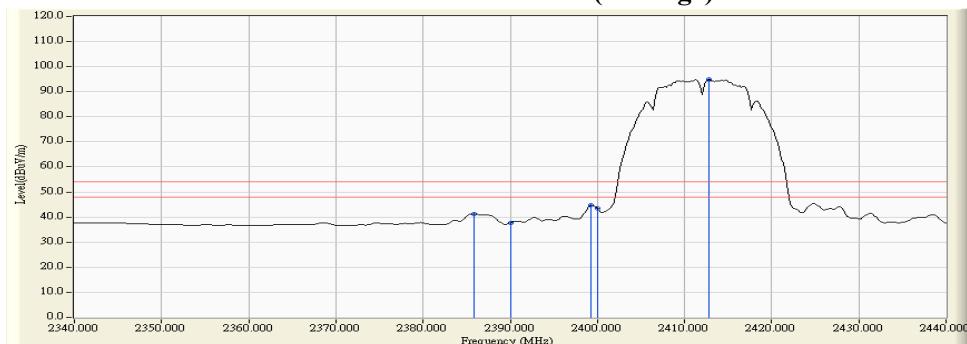


Figure Channel 01:

Horizontal (Average)



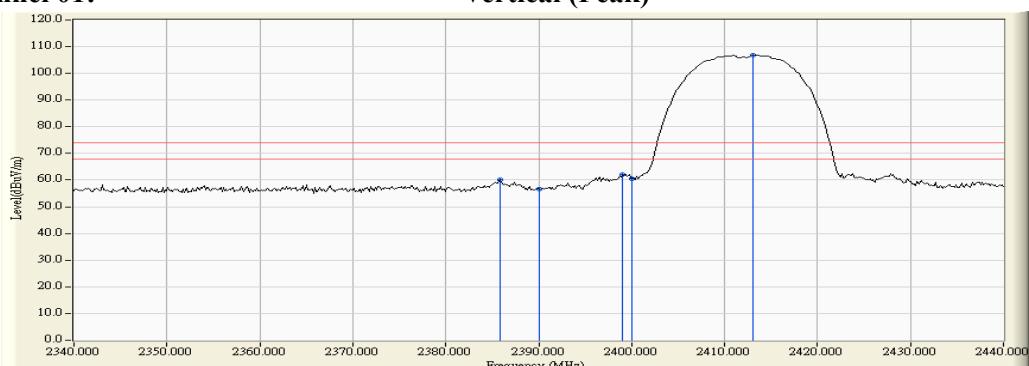
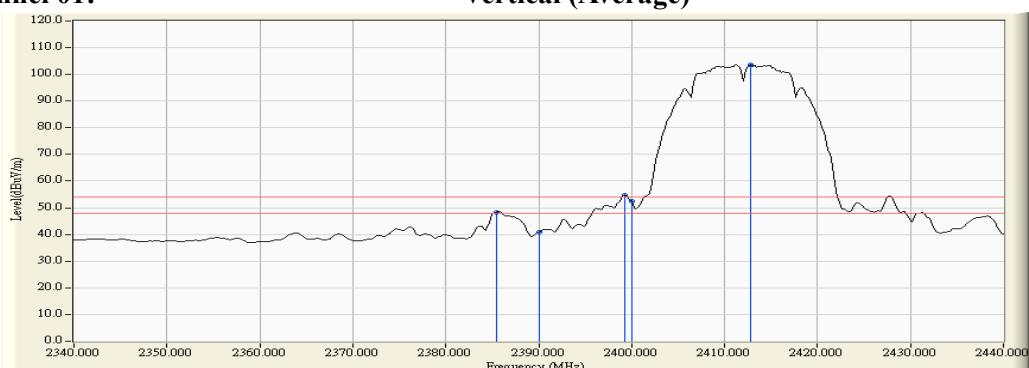
Note:

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2412MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2385.797	5.899	54.114	60.012	74.00	54.00	Pass
01 (Peak)	2390.000	5.880	50.812	56.693	74.00	54.00	Pass
01 (Peak)	2398.986	5.877	56.156	62.033	--	--	--
01 (Peak)	2400.000	5.879	54.481	60.360	--	--	--
01 (Peak)	2413.043	5.921	100.901	106.821	--	--	--
01 (Average)	2385.507	5.900	42.371	48.270	74.00	54.00	Pass
01 (Average)	2390.000	5.880	35.077	40.958	74.00	54.00	Pass
01 (Average)	2399.275	5.878	48.941	54.818	--	--	--
01 (Average)	2400.000	5.879	46.435	52.314	--	--	--
01 (Average)	2412.754	5.919	97.676	103.594	--	--	--

**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. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

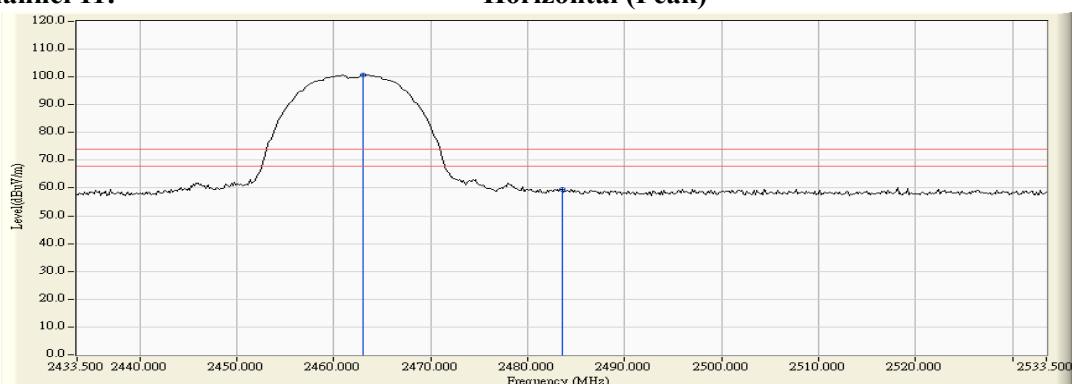
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2462MHz)

**F Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2463.065	30.906	93.702	100.668	--	--	--
11 (Peak)	2483.500	31.050	52.379	59.489	74.00	54.00	Pass
11 (Average)	2462.630	6.963	90.597	97.560	--	--	--
11 (Average)	2483.500	7.110	35.600	42.710	74.00	54.00	Pass

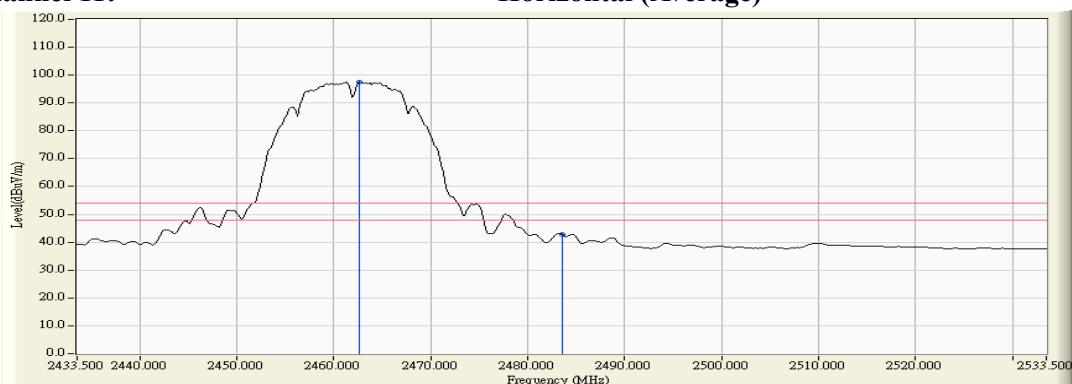
**Figure Channel 11:**

**Horizontal (Peak)**



**Figure Channel 11:**

**Horizontal (Average)**



Note:

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

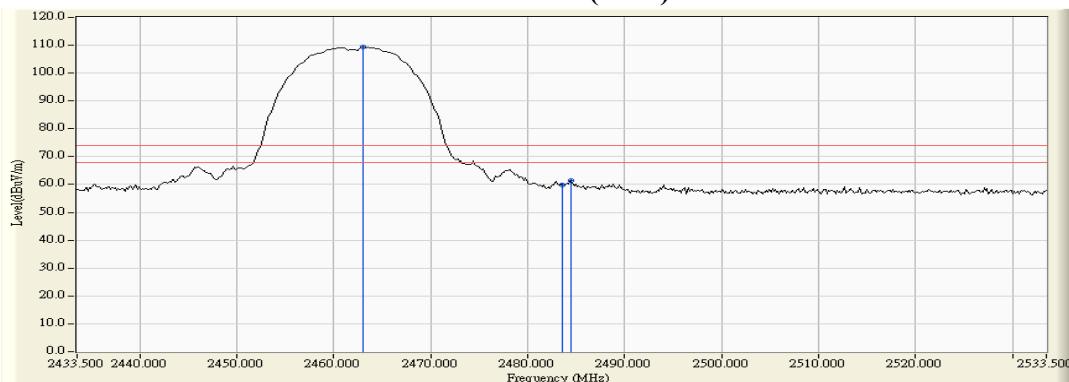
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2462MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2463.065	6.236	103.040	109.276	--	--	--
11 (Peak)	2483.500	6.363	53.537	59.900	74.00	54.00	Pass
11 (Peak)	2484.514	6.369	54.920	61.290	74.00	54.00	Pass
11 (Average)	2462.630	6.234	99.745	105.978	--	--	--
11 (Average)	2483.500	6.363	43.432	49.795	74.00	54.00	Pass
11 (Average)	2484.804	6.372	43.445	49.816	74.00	54.00	Pass

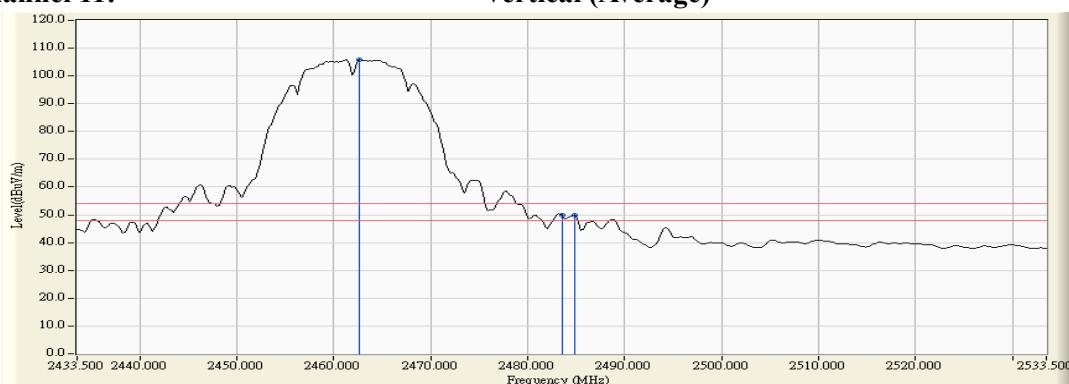
**Figure Channel 11:**

**Vertical (Peak)**



**Figure Channel 11:**

**Vertical (Average)**



**Note:**

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

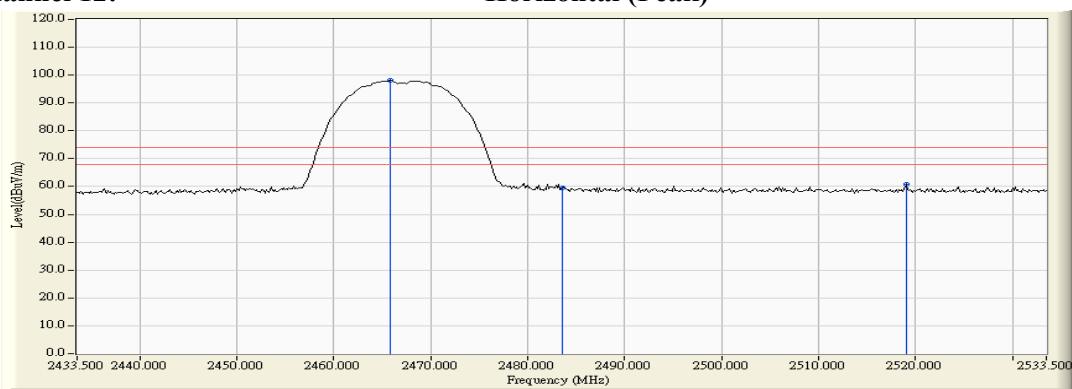
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2467MHz)

**F Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
12 (Peak)	2465.819	6.985	90.993	97.978	--	--	--
12 (Peak)	2483.500	7.110	52.499	59.609	74.00	54.00	Pass
12 (Peak)	2519.007	7.130	53.516	60.646	74.00	54.00	Pass
12 (Average)	2466.254	6.989	87.819	94.807	--	--	--
12 (Average)	2483.500	7.110	35.940	43.050	74.00	54.00	Pass

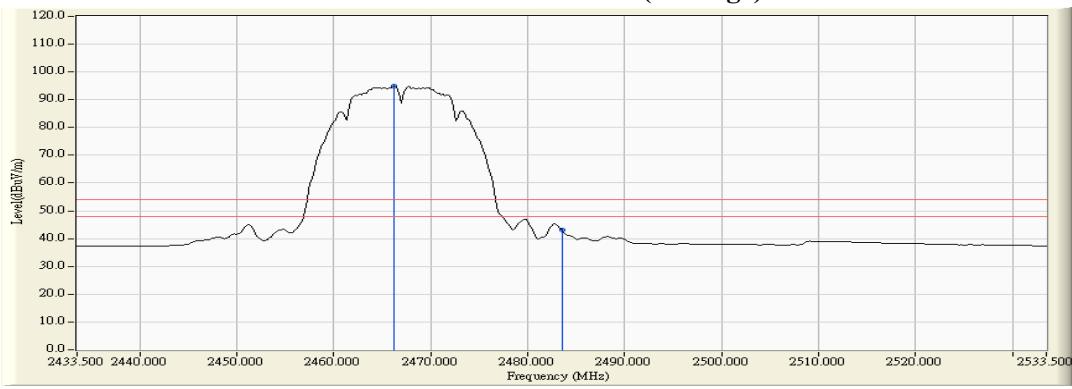
**Figure Channel 12:**

**Horizontal (Peak)**



**Figure Channel 12:**

**Horizontal (Average)**



Note:

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

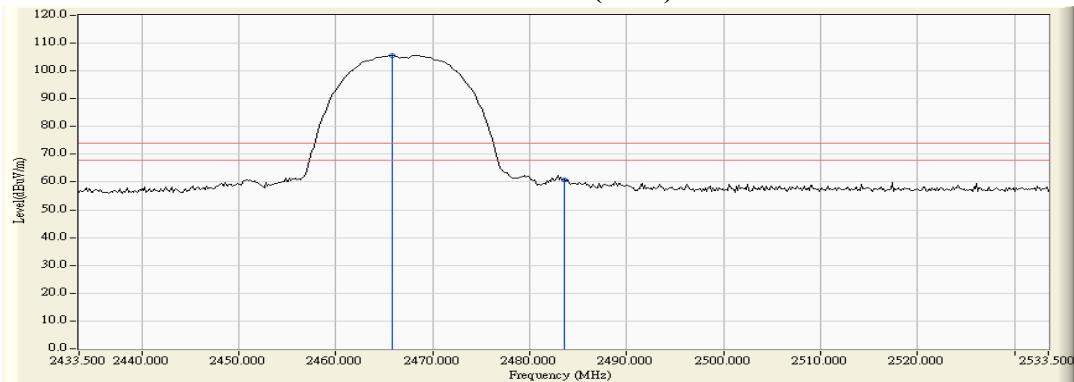
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2467MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
12 (Peak)	2465.819	6.253	99.313	105.566	--	--	--
12 (Peak)	2483.500	6.363	54.341	60.704	74.00	54.00	Pass
12 (Average)	2466.254	6.256	96.319	102.575	--	--	--
12 (Average)	2483.500	6.363	42.742	49.105	74.00	54.00	Pass

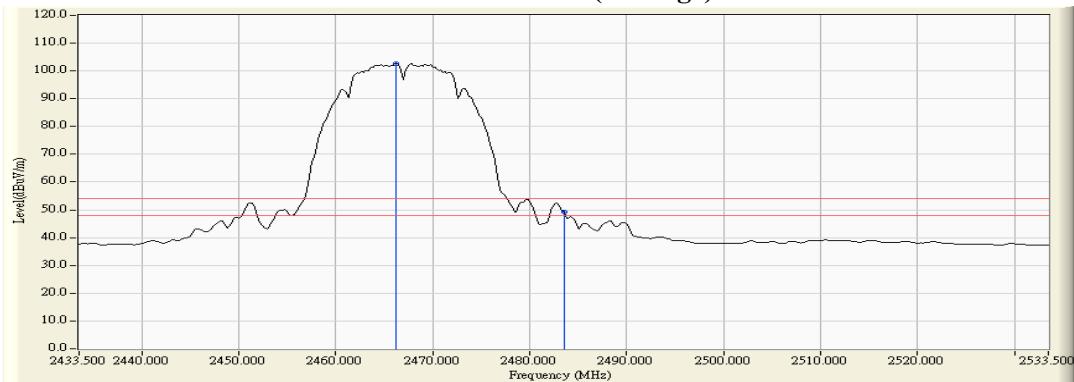
**Figure Channel 12:**

**Vertical (Peak)**



**Figure Channel 12:**

**Vertical (Average)**



**Note:**

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

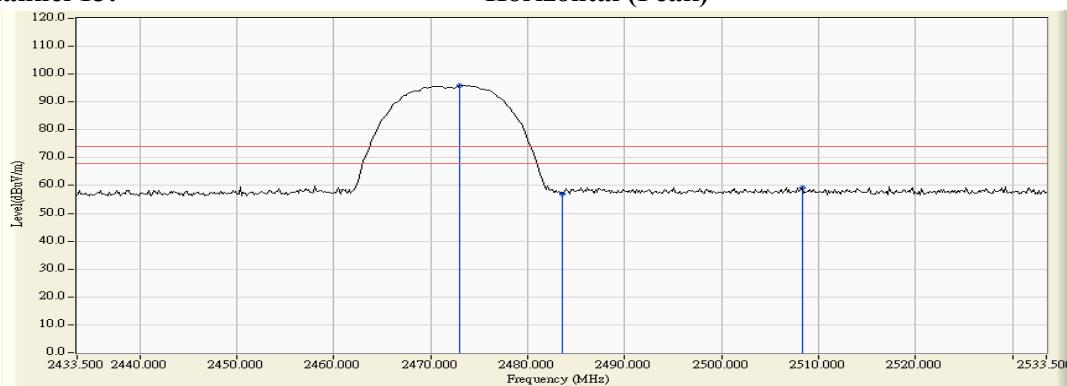
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2472MHz)

**F Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
13 (Peak)	2472.920	7.035	88.857	95.892	--	--	--
13 (Peak)	2483.500	7.110	49.727	56.837	74.00	54.00	Pass
13 (Peak)	2508.283	7.171	52.149	59.320	74.00	54.00	Pass
13 (Average)	2472.775	7.034	85.505	92.539	--	--	--
13 (Average)	2483.500	7.110	31.954	39.064	74.00	54.00	Pass
13 (Average)	2488.138	7.143	34.158	41.301	74.00	54.00	Pass

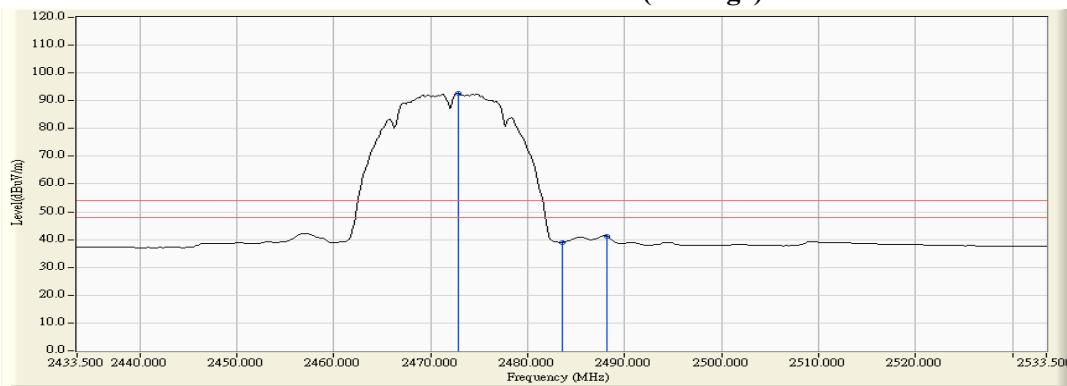
**Figure Channel 13:**

**Horizontal (Peak)**



**Figure Channel 13:**

**Horizontal (Average)**



Note:

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

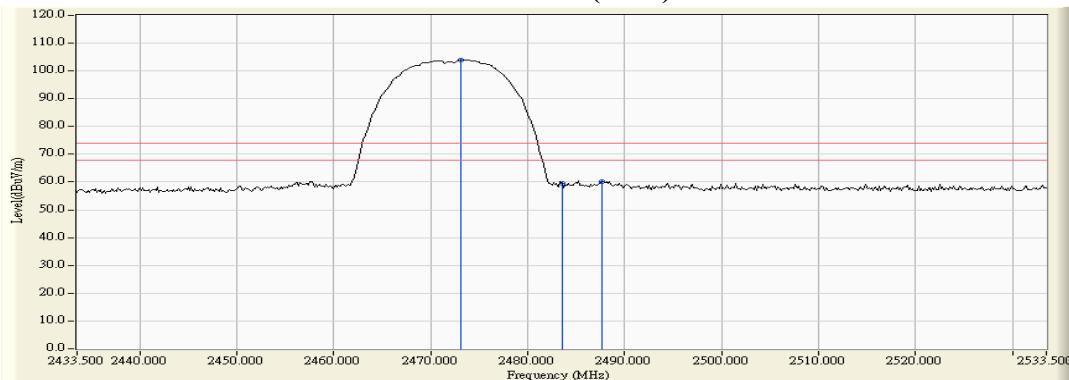
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps) (2472MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
13 (Peak)	2473.065	6.298	97.660	103.958	--	--	--
13 (Peak)	2483.500	6.363	53.101	59.464	74.00	54.00	Pass
13 (Peak)	2487.703	6.389	53.909	60.299	74.00	54.00	Pass
13 (Average)	2472.775	6.296	94.504	100.800	--	--	--
13 (Average)	2483.500	6.363	36.596	42.959	74.00	54.00	Pass
13 (Average)	2487.848	6.391	41.627	48.017	74.00	54.00	Pass

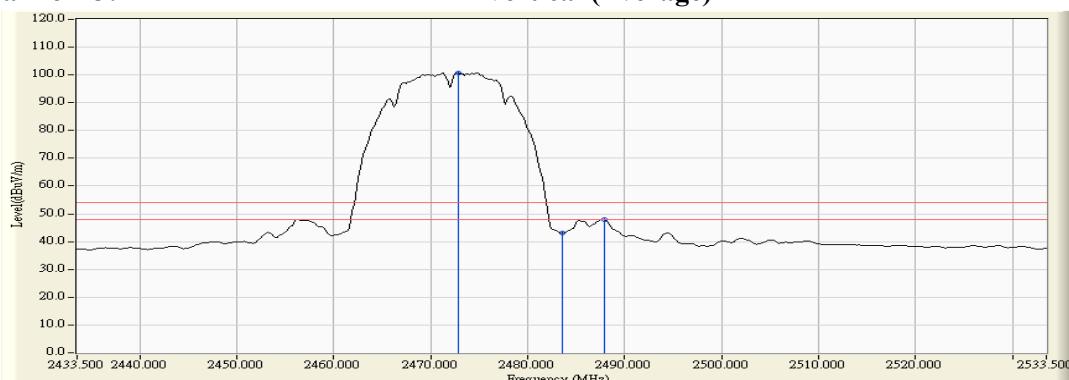
**Figure Channel 13:**

**Vertical (Peak)**



**Figure Channel 13:**

**Vertical (Average)**



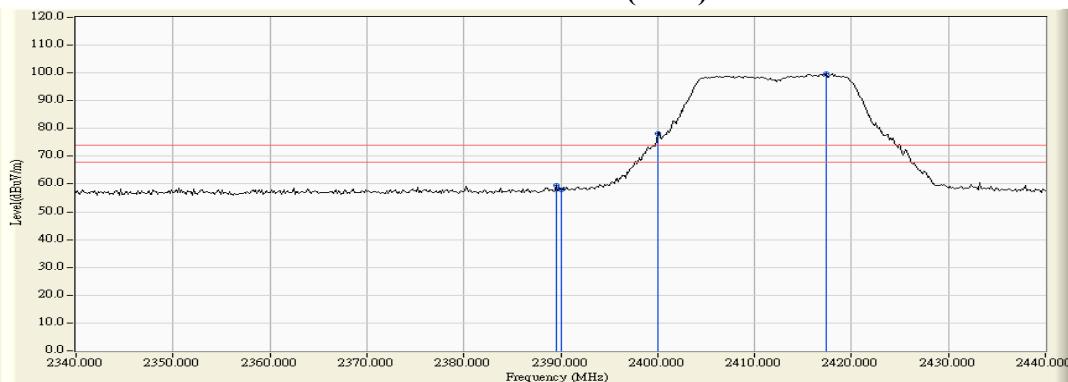
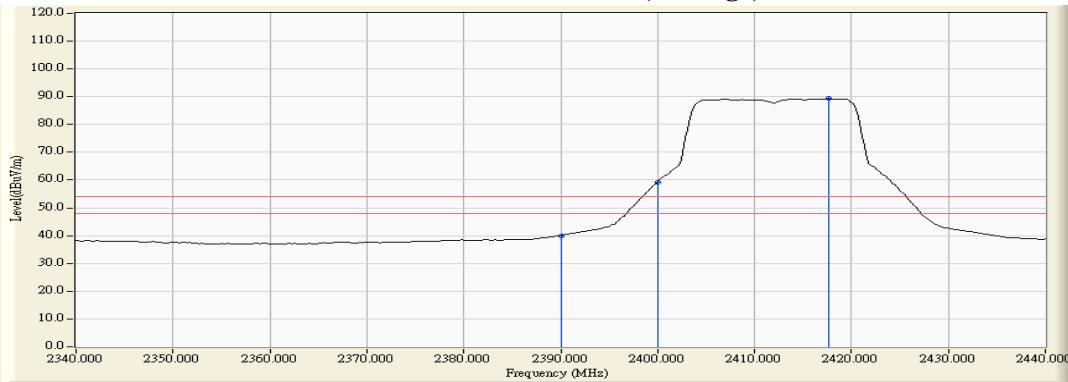
**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps) (2412MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2389.565	6.473	53.171	59.644	74.00	54.00	Pass
01 (Peak)	2390.000	6.474	51.443	57.918	74.00	54.00	Pass
01 (Peak)	2400.000	6.528	71.666	78.194	--	--	--
01 (Peak)	2417.391	6.641	93.155	99.796	--	--	--
01 (Average)	2390.000	6.474	33.485	39.960	74.00	54.00	Pass
01 (Average)	2400.000	6.528	52.741	59.269	--	--	--
01 (Average)	2417.681	6.644	82.634	89.277	--	--	--

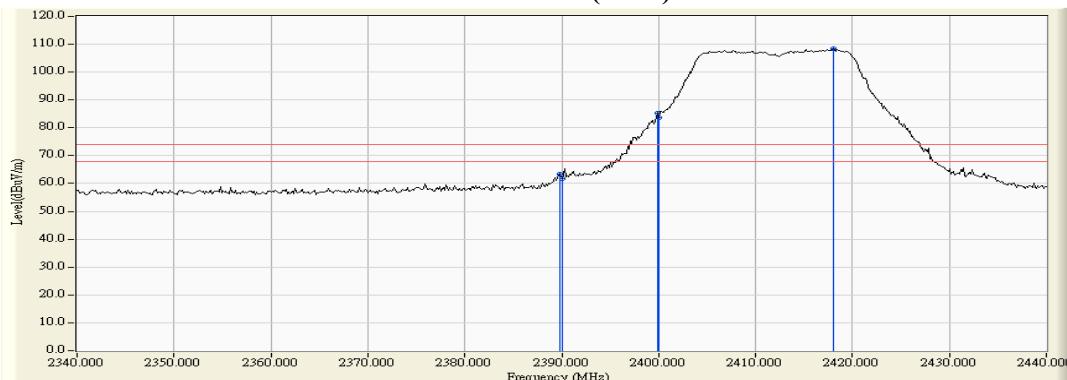
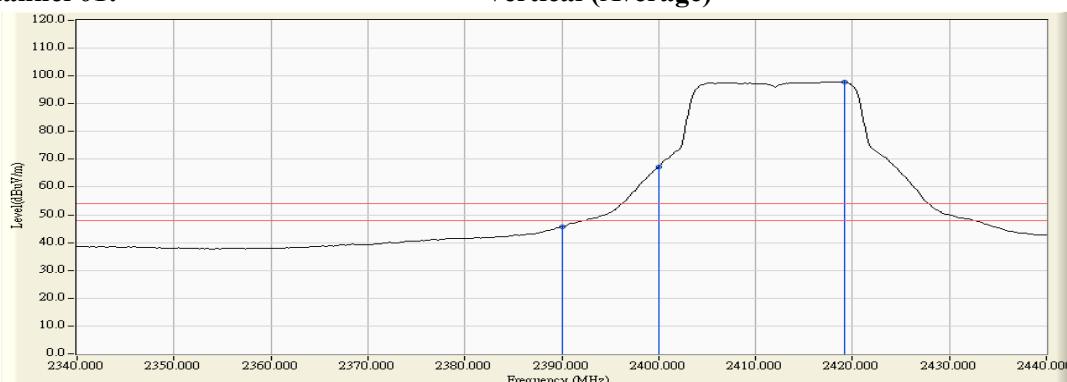
**Figure Channel 01:****Horizontal (Peak)****Figure Channel 01:****Horizontal (Average)****Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps) (2412MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2389.855	5.881	57.538	63.419	74.00	54.00	Pass
01 (Peak)	2390.000	5.880	55.961	61.842	74.00	54.00	Pass
01 (Peak)	2399.855	5.879	79.485	85.364	--	--	--
01 (Peak)	2400.000	5.879	77.683	83.562	--	--	--
01 (Peak)	2417.971	5.951	102.374	108.325	--	--	--
01 (Average)	2390.000	5.880	39.759	45.640	74.00	54.00	Pass
01 (Average)	2400.000	5.879	61.421	67.300	--	--	--
01 (Average)	2419.130	5.958	91.899	97.857	--	--	--

**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. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

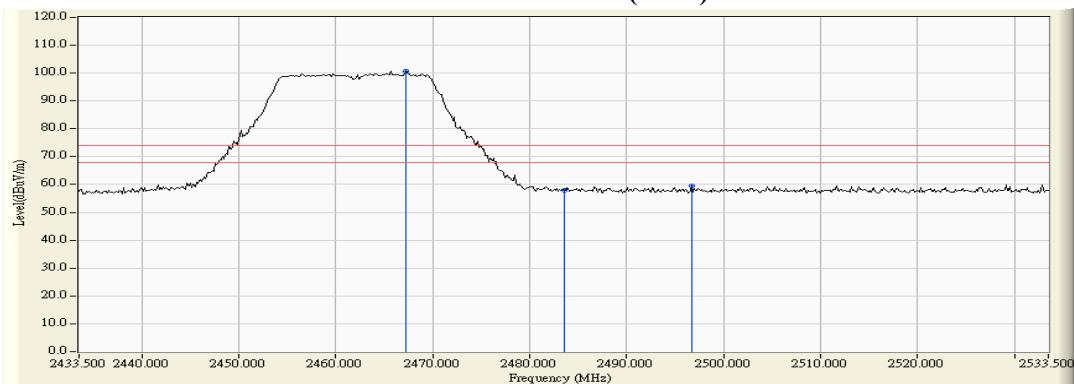
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps) (2462MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2467.268	6.995	93.807	100.802	--	--	--
11 (Peak)	2483.500	7.110	50.862	57.972	74.00	54.00	Pass
11 (Peak)	2496.688	7.197	52.465	59.662	74.00	54.00	Pass
11 (Average)	2464.514	6.976	83.092	90.068	--	--	--
11 (Average)	2483.500	7.110	33.212	40.322	74.00	54.00	Pass

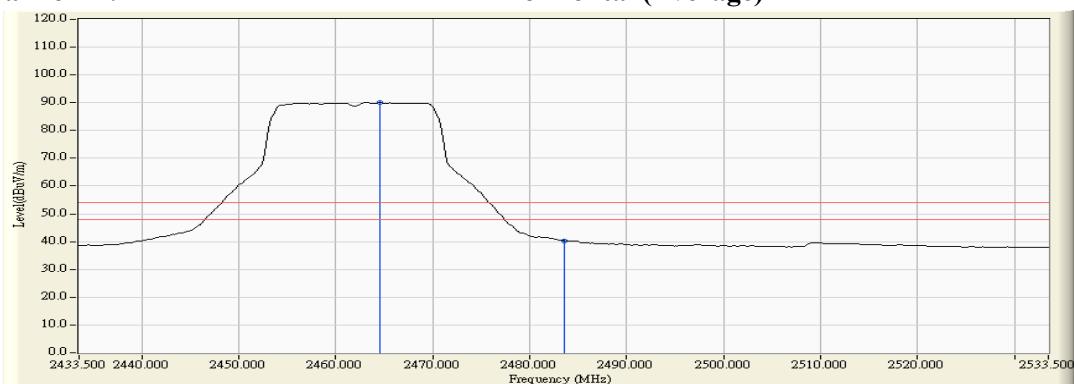
**Figure Channel 11:**

**Horizontal (Peak)**



**Figure Channel 11:**

**Horizontal (Average)**



**Note:**

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

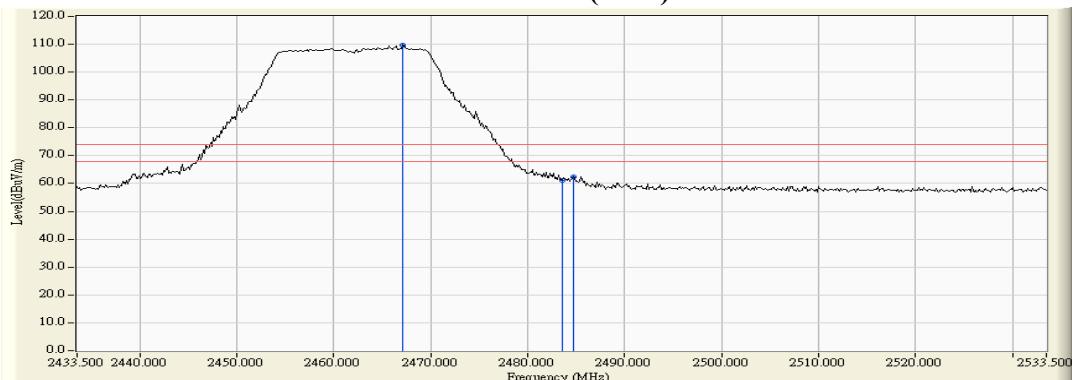
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)(2462MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2467.123	6.261	103.487	109.748	--	--	--
11 (Peak)	2483.500	6.363	54.734	61.097	74.00	54.00	Pass
11 (Peak)	2484.659	6.371	56.088	62.459	74.00	54.00	Pass
11 (Average)	2464.659	6.246	92.411	98.657	--	--	--
11 (Average)	2483.500	6.363	39.739	46.102	74.00	54.00	Pass

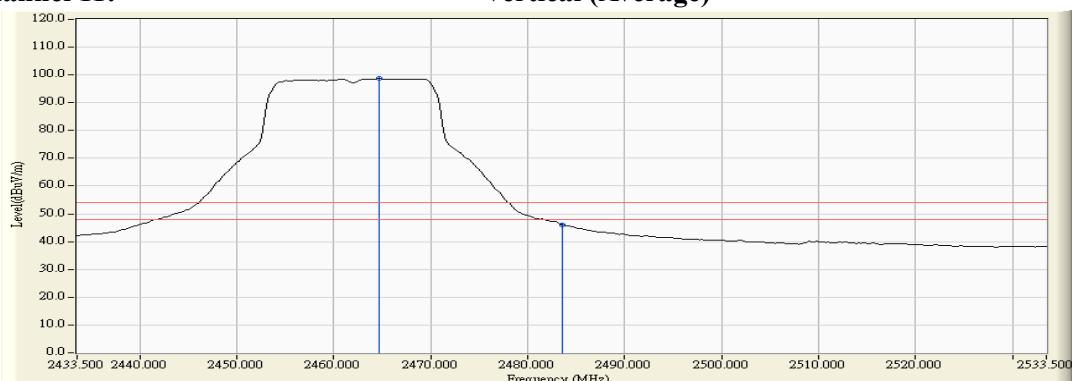
**Figure Channel 11:**

**Vertical (Peak)**



**Figure Channel 11:**

**Vertical (Average)**



Note:

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

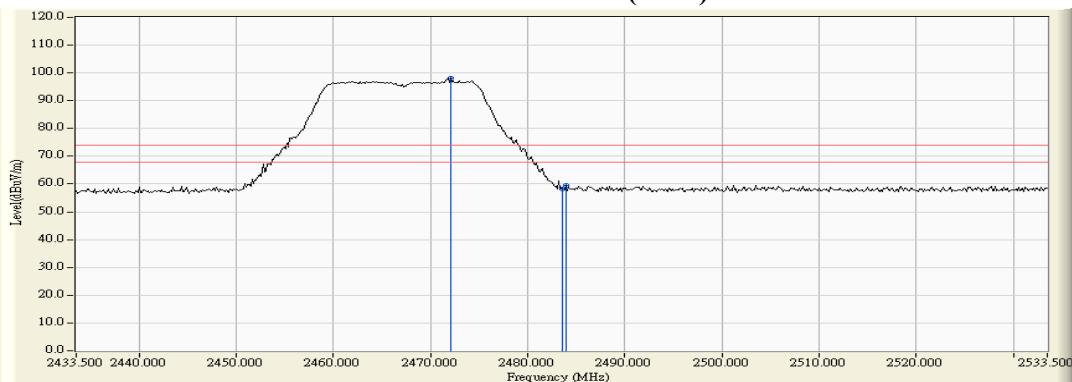
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps) (2467MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
12 (Peak)	2472.051	7.029	91.198	98.227	--	--	--
12 (Peak)	2483.500	7.110	51.003	58.113	74.00	54.00	Pass
12 (Peak)	2483.935	7.113	52.421	59.534	74.00	54.00	Pass
12 (Average)	2473.500	7.039	80.090	87.129	--	--	--
12 (Average)	2483.500	7.110	33.597	40.707	74.00	54.00	Pass

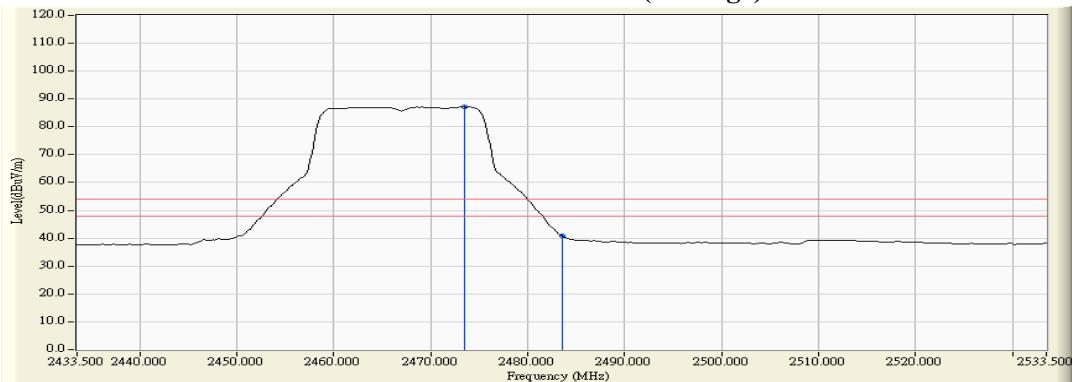
**Figure Channel 12:**

**Horizontal (Peak)**



**Figure Channel 12:**

**Horizontal (Average)**



**Note:**

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

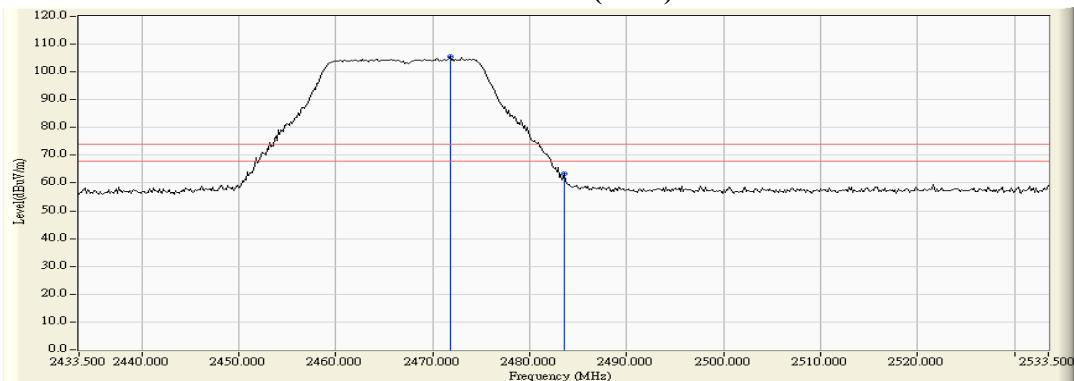
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)(2467MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
12 (Peak)	2471.761	6.290	99.307	105.597	--	--	--
12 (Peak)	2483.500	6.363	56.970	63.333	74.00	54.00	Pass
12 (Average)	2473.210	6.299	88.709	95.008	--	--	--
12 (Average)	2483.500	6.363	39.201	45.564	74.00	54.00	Pass

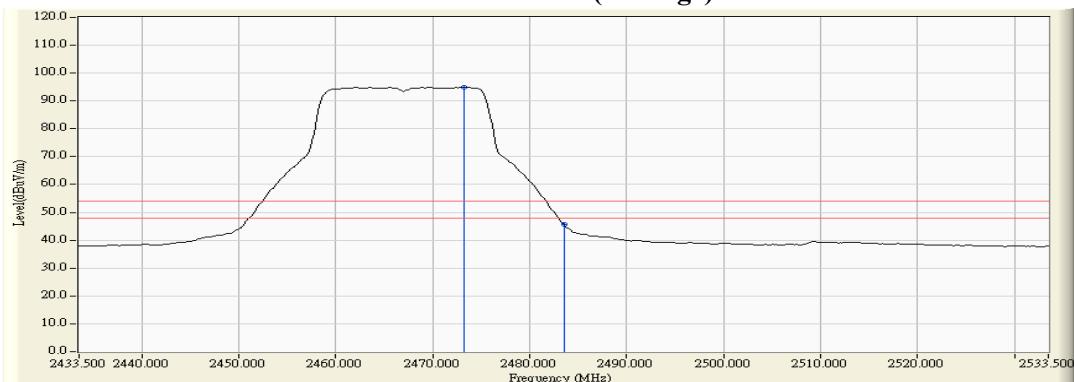
**Figure Channel 12:**

**Vertical (Peak)**



**Figure Channel 12:**

**Vertical (Average)**



Note:

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

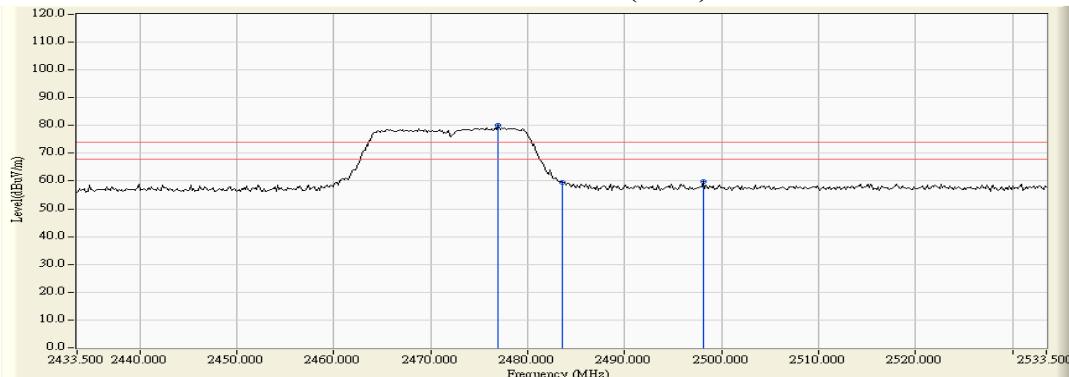
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps) (2472MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
13 (Peak)	2476.978	7.064	73.132	80.196	--	--	--
13 (Peak)	2483.500	7.110	52.279	59.389	74.00	54.00	Pass
13 (Peak)	2498.138	7.194	52.497	59.691	74.00	54.00	Pass
13 (Average)	2478.283	7.073	62.072	69.145	--	--	--
13 (Average)	2483.500	7.110	36.471	43.581	74.00	54.00	Pass

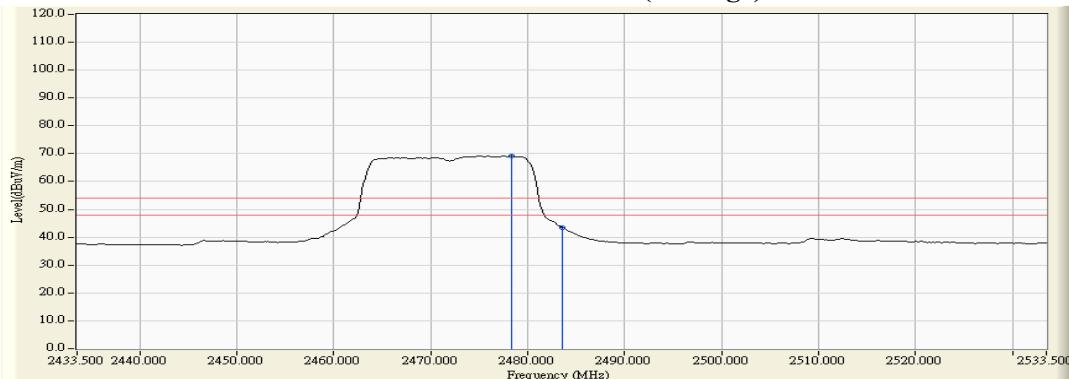
**Figure Channel 13:**

**Horizontal (Peak)**



**Figure Channel 13:**

**Horizontal (Average)**



**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)(2472MHz)

#### RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
13 (Peak)	2477.413	6.325	82.618	88.943	--	--	--
13 (Peak)	2483.500	6.363	61.115	67.478	74.00	54.00	Pass
13 (Peak)	2483.645	6.364	62.065	68.429	74.00	54.00	Pass
13 (Average)	2476.833	6.322	71.601	77.923	--	--	--
13 (Average)	2483.500	6.363	44.372	50.735	74.00	54.00	Pass

Figure Channel 13:

Vertical (Peak)

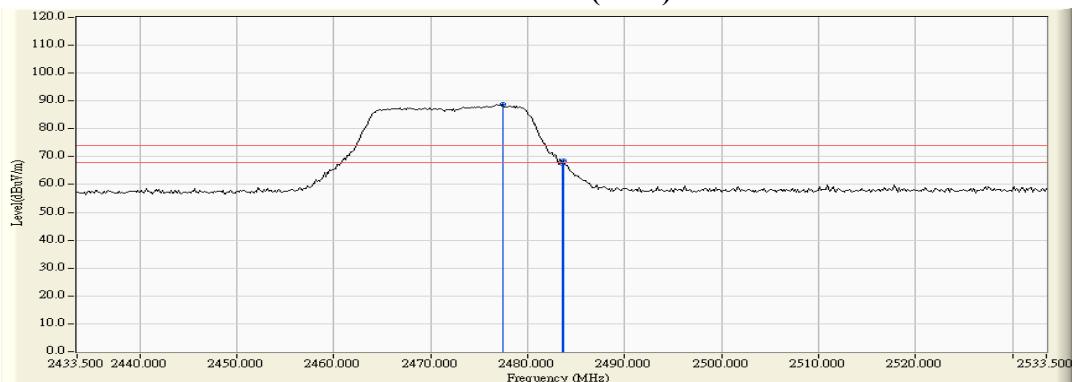
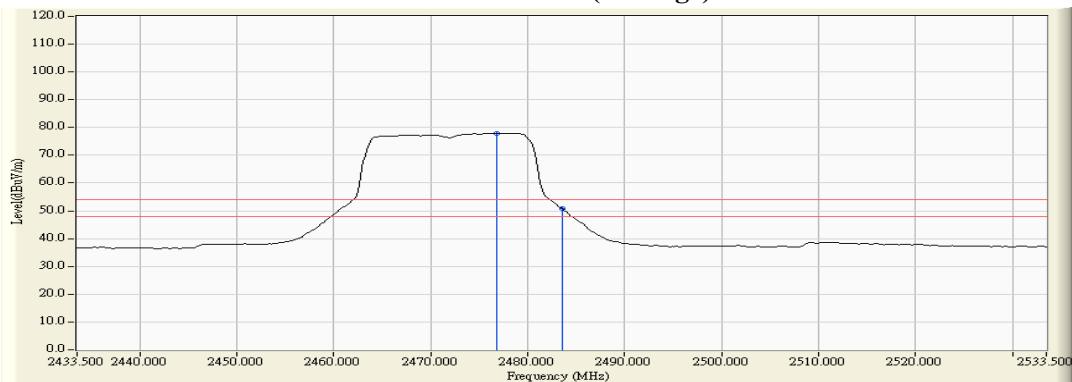


Figure Channel 13:

Vertical (Average)



Note:

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

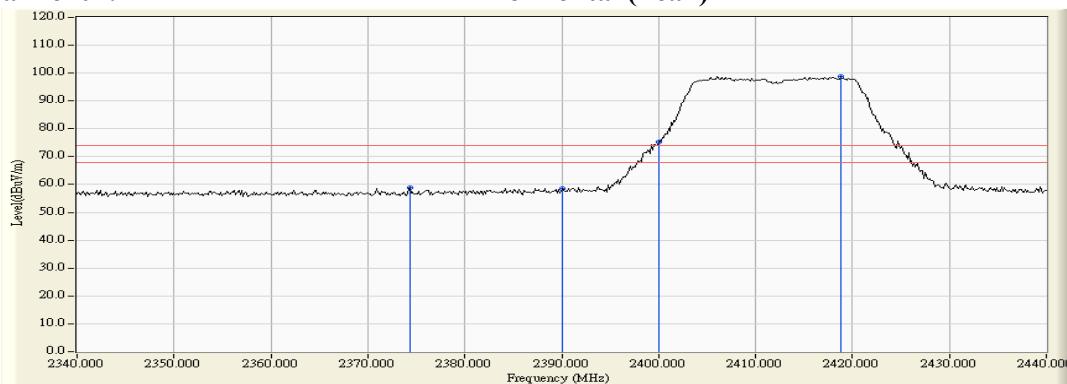
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2412MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2374.348	6.405	52.554	58.959	74.00	54.00	Pass
01 (Peak)	2390.000	6.474	52.004	58.479	74.00	54.00	Pass
01 (Peak)	2400.000	6.528	68.863	75.391	--	--	--
01 (Peak)	2418.841	6.651	92.208	98.859	--	--	--
01 (Average)	2390.000	6.474	34.155	40.630	74.00	54.00	Pass
01 (Average)	2400.000	6.528	52.939	59.467	--	--	--
01 (Average)	2417.536	6.642	82.116	88.758	--	--	--

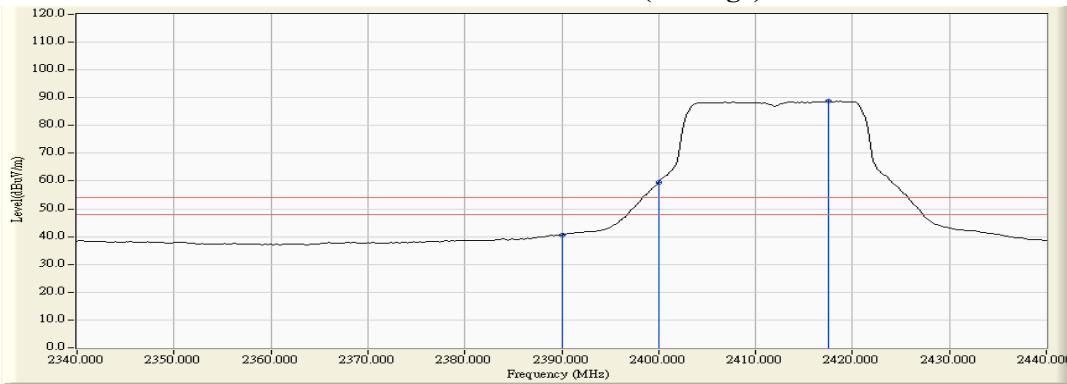
**Figure Channel 01:**

**Horizontal (Peak)**



**Figure Channel 01:**

**Horizontal (Average)**



Note:

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

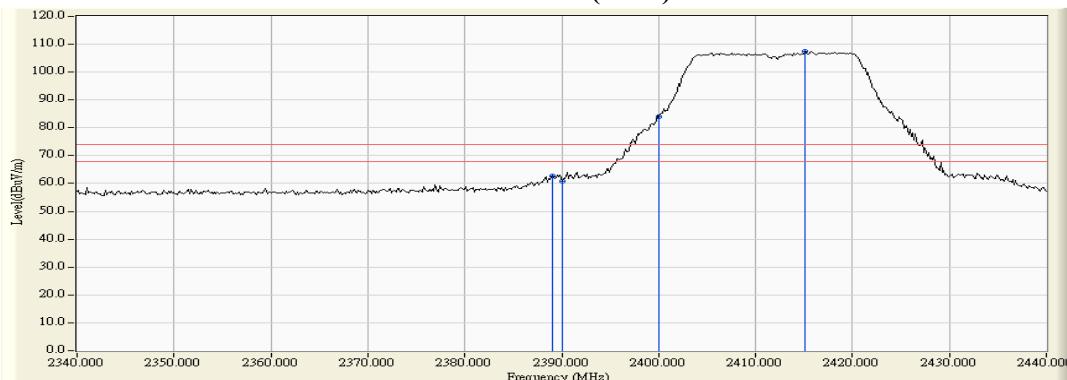
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW) \_ 7.2Mbps (2412MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2388.986	5.885	56.952	62.837	74.00	54.00	Pass
01 (Peak)	2390.000	5.880	55.082	60.963	74.00	54.00	Pass
01 (Peak)	2400.000	5.879	78.139	84.018	--	--	--
01 (Peak)	2415.072	5.933	101.531	107.464	--	--	--
01 (Average)	2389.710	5.882	41.025	46.907	74.00	54.00	Pass
01 (Average)	2390.000	5.880	40.854	46.735	74.00	54.00	Pass
01 (Average)	2400.000	5.879	61.978	67.857	--	--	--
01 (Average)	2418.261	5.953	91.246	97.199	--	--	--

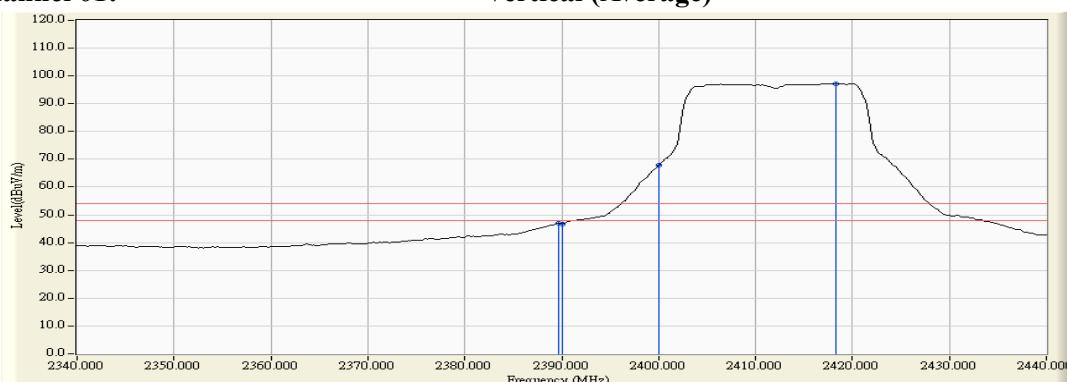
**Figure Channel 01:**

**Vertical (Peak)**



**Figure Channel 01:**

**Vertical (Average)**



**Note:**

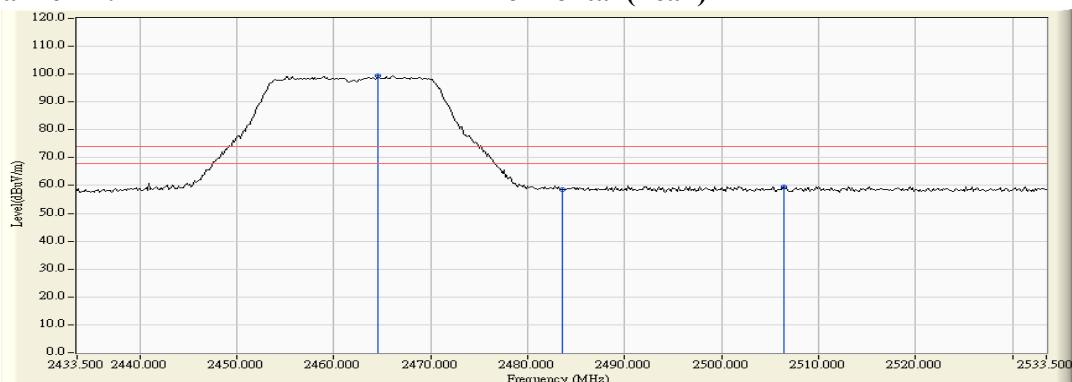
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2462MHz)

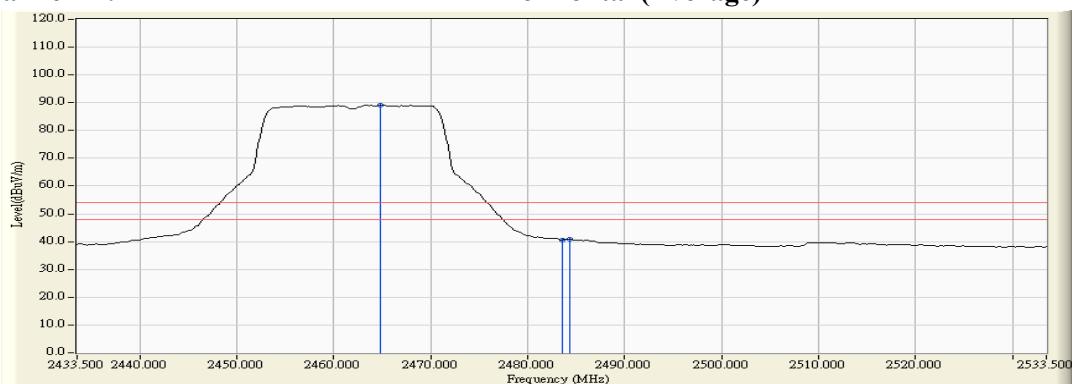
**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2464.514	6.976	92.467	99.443	--	--	--
11 (Peak)	2483.500	7.110	51.330	58.440	74.00	54.00	Pass
11 (Peak)	2506.399	7.176	52.385	59.561	74.00	54.00	Pass
11 (Average)	2464.804	6.978	82.160	89.138	--	--	--
11 (Average)	2483.500	7.110	33.554	40.664	74.00	54.00	Pass
11 (Average)	2484.370	7.116	33.730	40.846	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. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

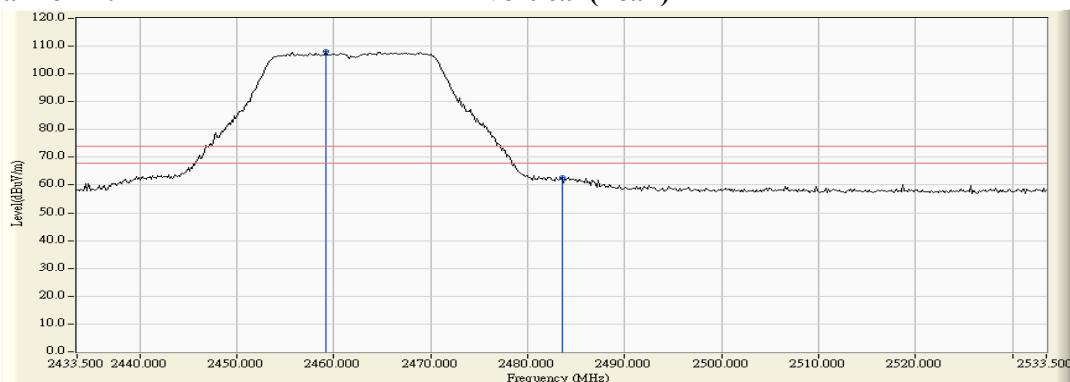
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2462MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2459.152	6.211	101.882	108.093	--	--	--
11 (Peak)	2483.500	6.363	56.239	62.602	74.00	54.00	Pass
11 (Average)	2467.123	6.261	91.742	98.003	--	--	--
11 (Average)	2483.500	6.363	40.725	47.088	74.00	54.00	Pass

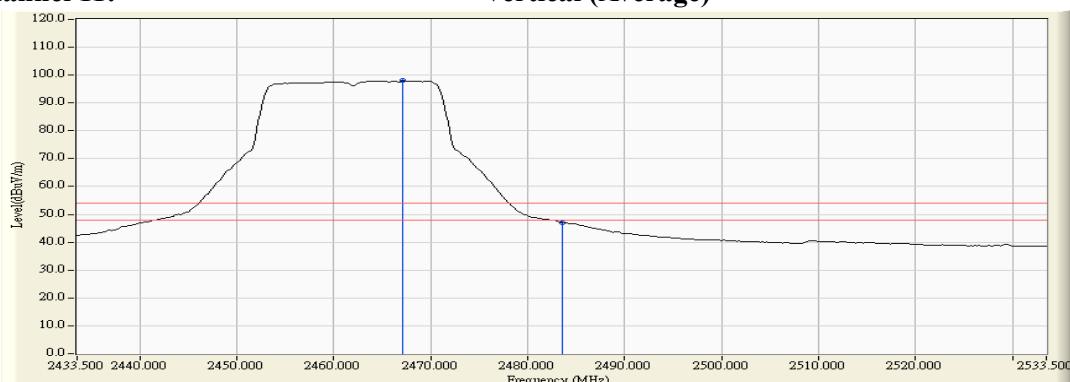
**Figure Channel 11:**

**Vertical (Peak)**



**Figure Channel 11:**

**Vertical (Average)**



**Note:**

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

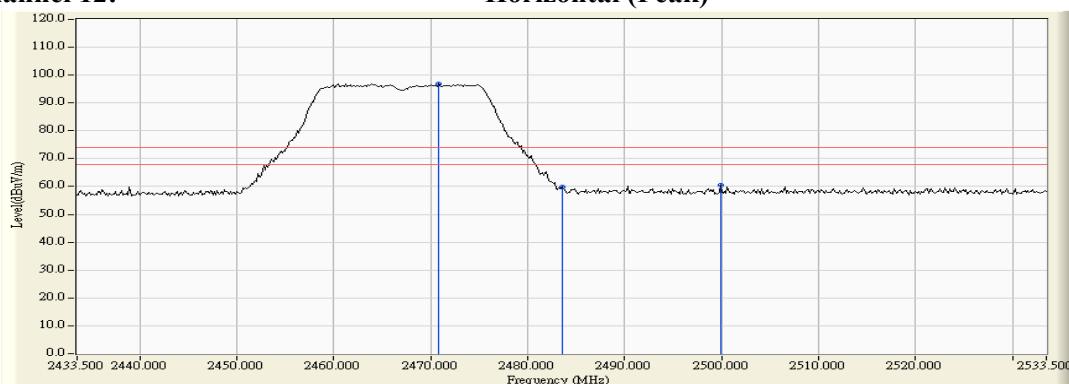
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2467MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
12 (Peak)	2470.746	7.020	89.874	96.894	--	--	--
12 (Peak)	2483.500	7.110	52.771	59.881	74.00	54.00	Pass
12 (Peak)	2499.877	7.190	53.266	60.456	74.00	54.00	Pass
12 (Average)	2463.790	6.971	80.143	87.114	--	--	--
12 (Average)	2483.500	7.110	34.205	41.315	74.00	54.00	Pass

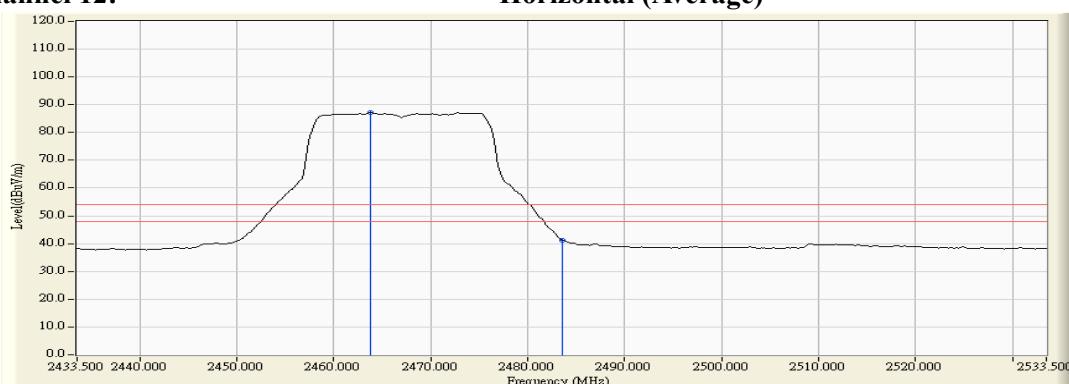
**Figure Channel 12:**

**Horizontal (Peak)**



**Figure Channel 12:**

**Horizontal (Average)**



**Note:**

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

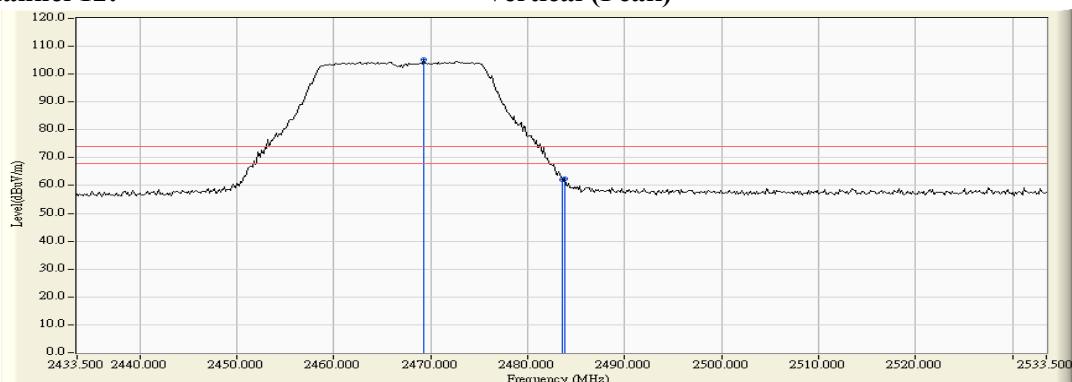
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2467MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
12 (Peak)	2469.297	6.274	98.818	105.093	--	--	--
12 (Peak)	2483.500	6.363	55.841	62.204	74.00	54.00	Pass
12 (Peak)	2483.790	6.365	56.090	62.455	74.00	54.00	Pass
12 (Average)	2473.790	6.303	88.658	94.961	--	--	--
12 (Average)	2483.500	6.363	40.306	46.669	74.00	54.00	Pass

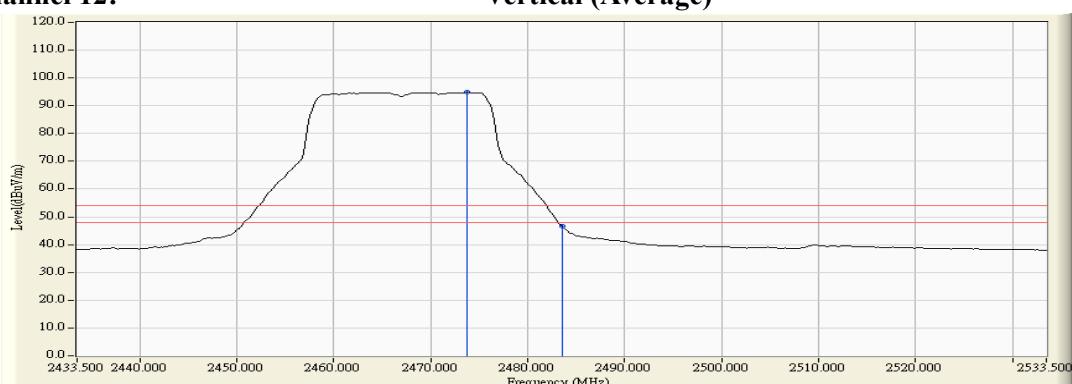
**Figure Channel 12:**

**Vertical (Peak)**



**Figure Channel 12:**

**Vertical (Average)**



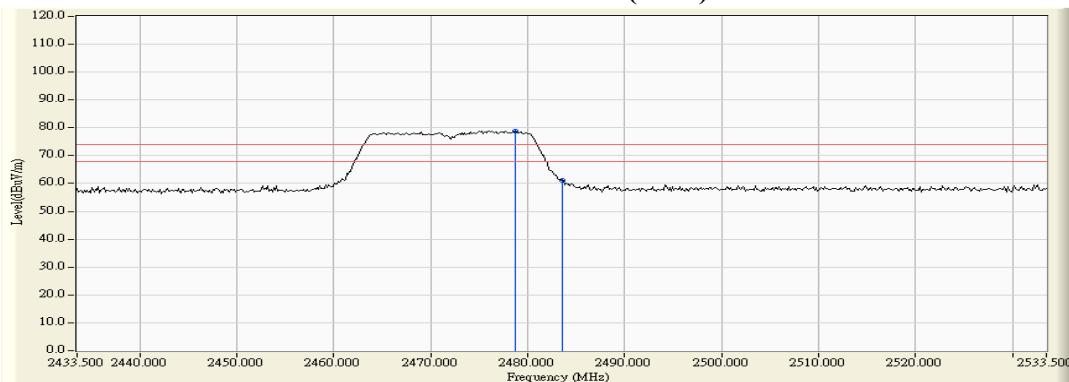
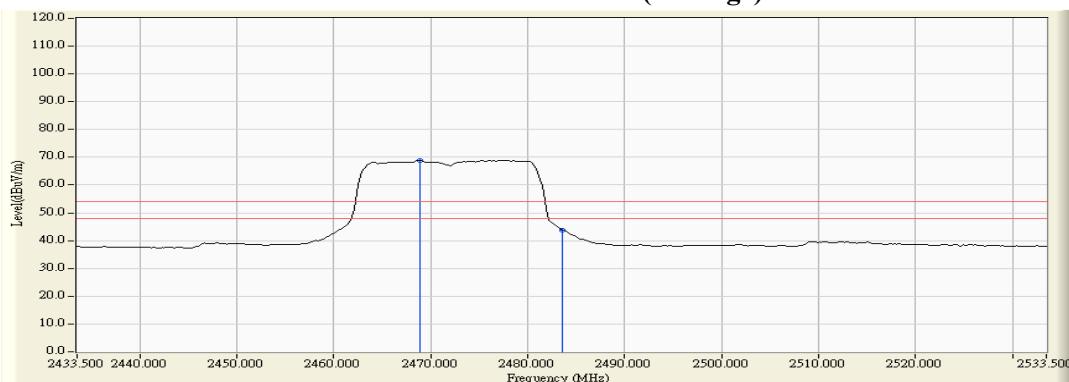
**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2472MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
13 (Peak)	2478.717	7.076	71.738	78.814	--	--	--
13 (Peak)	2483.500	7.110	53.953	61.063	74.00	54.00	Pass
13 (Average)	2468.862	7.006	61.827	68.834	--	--	--
13 (Average)	2483.500	7.110	36.720	43.830	74.00	54.00	Pass

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

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

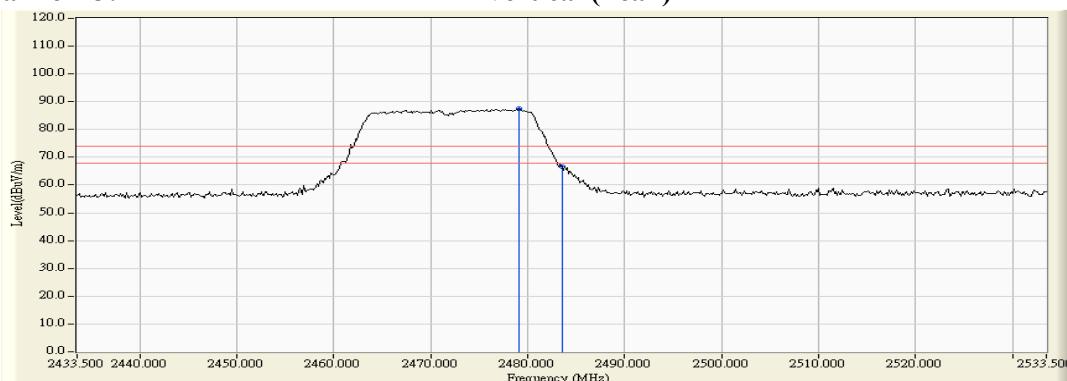
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-20BW)\_7.2Mbps (2472MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
13 (Peak)	2479.152	6.336	81.104	87.440	--	--	--
13 (Peak)	2483.500	6.363	60.383	66.746	74.00	54.00	Pass
13 (Average)	2475.384	6.313	71.448	77.760	--	--	--
13 (Average)	2483.500	6.363	44.928	51.291	74.00	54.00	Pass

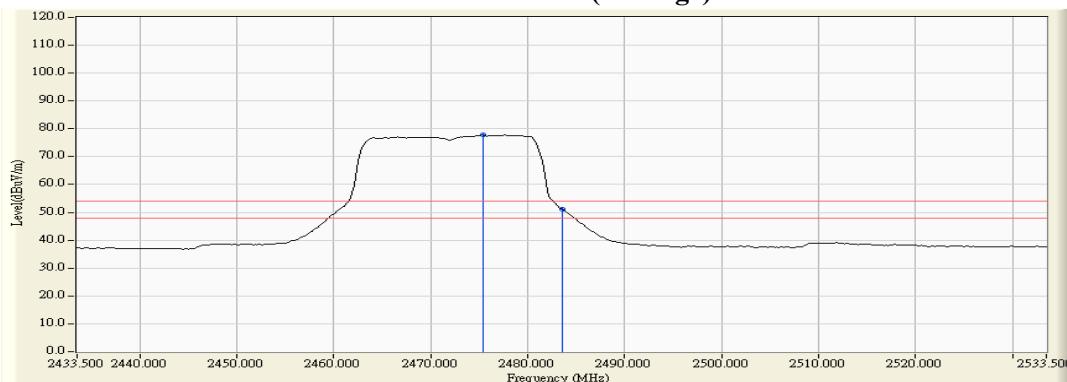
**Figure Channel 13:**

**Vertical (Peak)**



**Figure Channel 13:**

**Vertical (Average)**



**Note:**

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

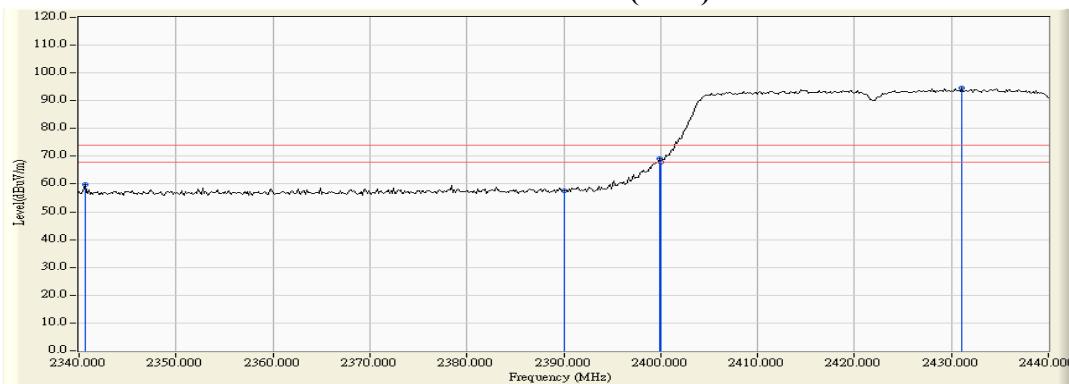
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2422MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
03 (Peak)	2340.580	6.255	53.556	59.812	74.00	54.00	Pass
03 (Peak)	2390.000	6.474	51.009	57.484	74.00	54.00	Pass
03 (Peak)	2399.855	6.527	62.656	69.184	--	--	--
03 (Peak)	2400.000	6.528	61.409	67.937	--	--	--
03 (Peak)	2431.014	6.739	87.793	94.531	--	--	--
03 (Average)	2390.000	6.474	34.394	40.869	74.00	54.00	Pass
03 (Average)	2400.000	6.528	47.361	53.889	--	--	--
03 (Average)	2426.957	6.709	77.672	84.381	--	--	--

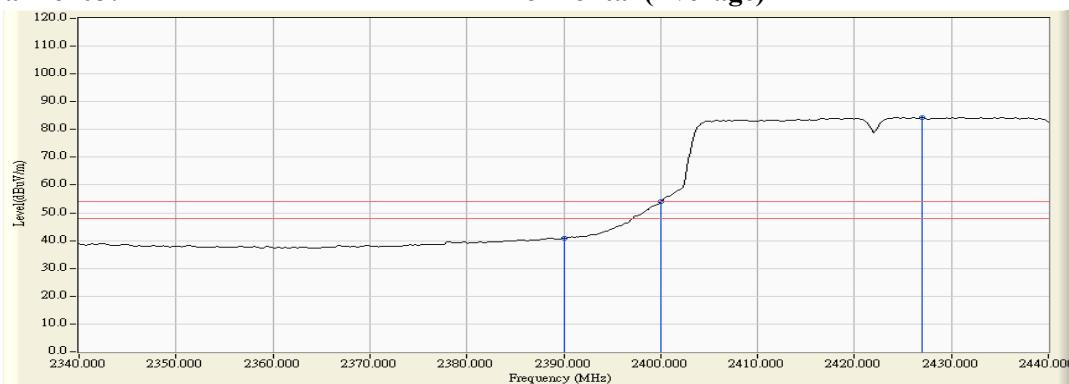
**Figure Channel 03:**

**Horizontal (Peak)**



**Figure Channel 03:**

**Horizontal (Average)**



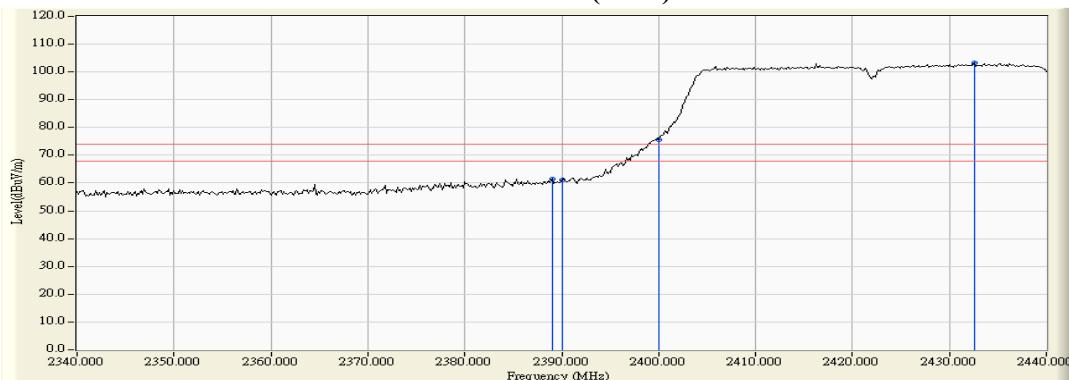
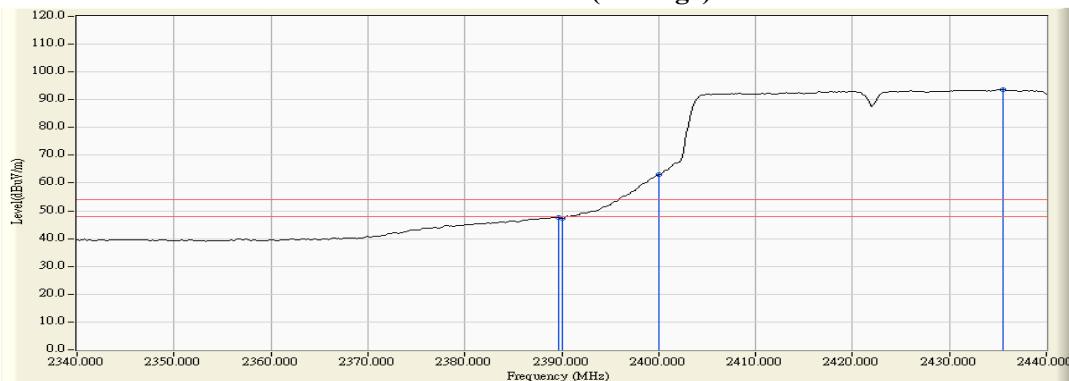
**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2422MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
03 (Peak)	2388.986	5.885	55.603	61.488	74.00	54.00	Pass
03 (Peak)	2390.000	5.880	55.312	61.193	74.00	54.00	Pass
03 (Peak)	2400.000	5.879	69.654	75.533	--	--	--
03 (Peak)	2432.609	6.043	97.185	103.228	--	--	--
03 (Average)	2389.710	5.882	41.762	47.644	74.00	54.00	Pass
03 (Average)	2390.000	5.880	41.478	47.359	74.00	54.00	Pass
03 (Average)	2400.000	5.879	57.129	63.008	--	--	--
03 (Average)	2435.507	6.060	87.661	93.722	--	--	--

**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. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

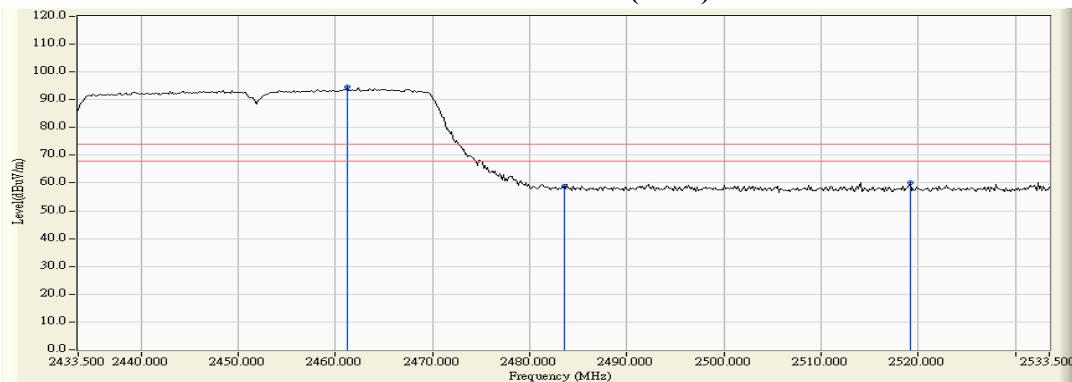
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2452MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
09 (Peak)	2461.181	6.953	87.668	94.621	--	--	--
09 (Peak)	2483.500	7.110	51.909	59.019	74.00	54.00	Pass
09 (Peak)	2519.152	7.130	53.069	60.198	74.00	54.00	Pass
09 (Average)	2459.152	6.938	77.742	84.680	--	--	--
09 (Average)	2483.500	7.110	33.628	40.738	74.00	54.00	Pass
09 (Average)	2486.833	7.134	33.858	40.992	74.00	54.00	Pass

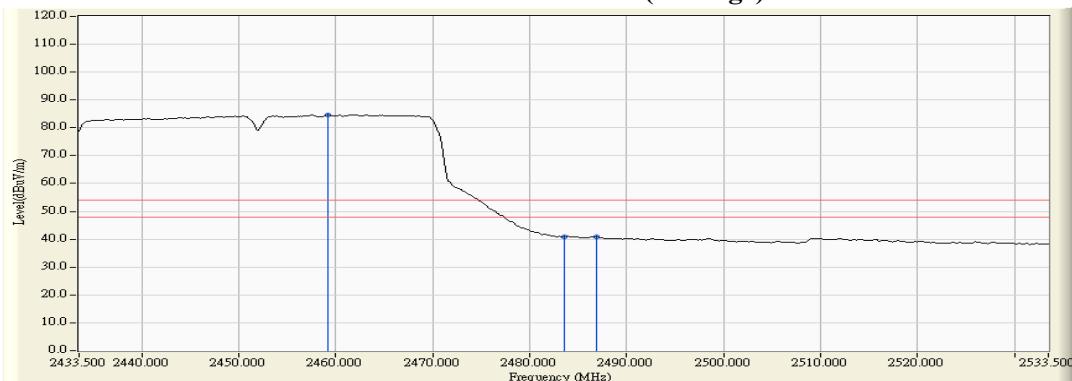
**Figure Channel 09:**

**Horizontal (Peak)**



**Figure Channel 09:**

**Horizontal (Average)**



Note:

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2452MHz)

#### RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
09 (Peak)	2462.341	30.172	97.587	103.818	--	--	--
09 (Peak)	2483.500	30.303	54.575	60.938	74.00	54.00	Pass
09 (Peak)	2489.587	30.342	56.966	63.367	74.00	54.00	Pass
09 (Average)	2461.616	6.227	87.195	93.422	--	--	--
09 (Average)	2483.500	6.363	40.237	46.600	74.00	54.00	Pass

Figure Channel 09:

Vertical (Peak)

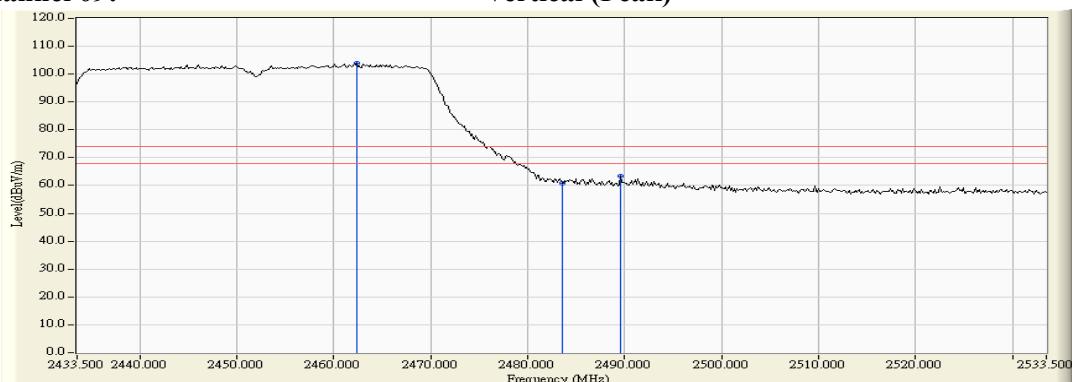
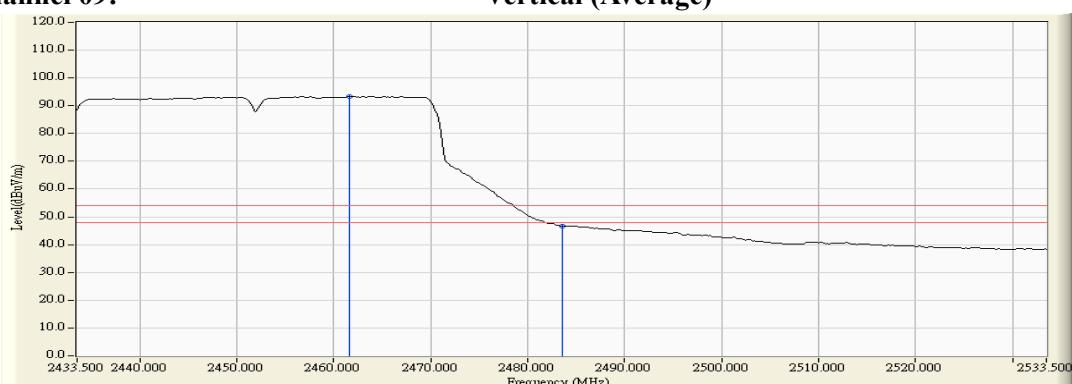


Figure Channel 09:

Vertical (Average)



#### Note:

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

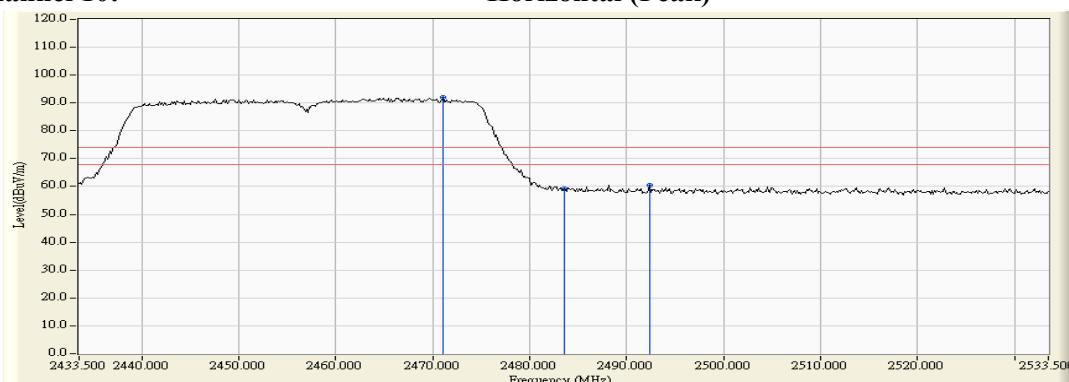
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2457MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
10 (Peak)	2471.036	7.021	85.040	92.062	--	--	--
10 (Peak)	2483.500	7.110	52.051	59.161	74.00	54.00	Pass
10 (Peak)	2492.341	7.172	53.296	60.469	74.00	54.00	Pass
10 (Average)	2473.210	7.038	74.959	81.996	--	--	--
10 (Average)	2483.500	7.110	34.323	41.433	74.00	54.00	Pass
10 (Average)	2484.370	7.116	35.161	42.277	74.00	54.00	Pass

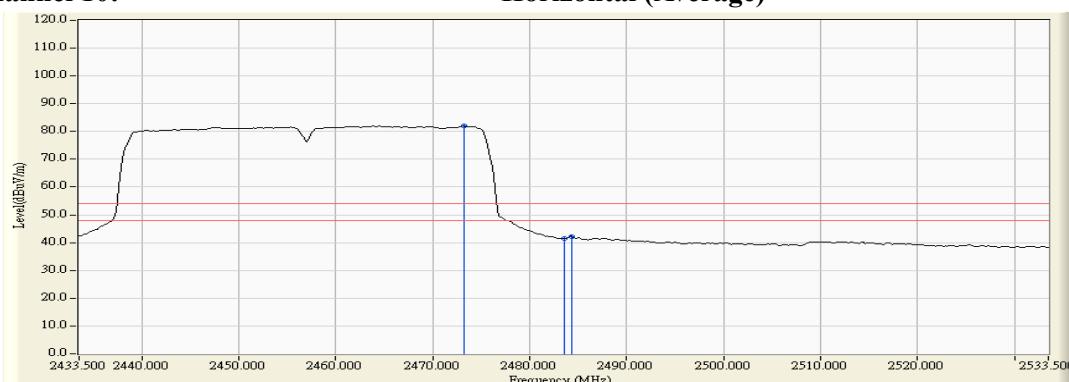
**Figure Channel 10:**

**Horizontal (Peak)**



**Figure Channel 10:**

**Horizontal (Average)**



**Note:**

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

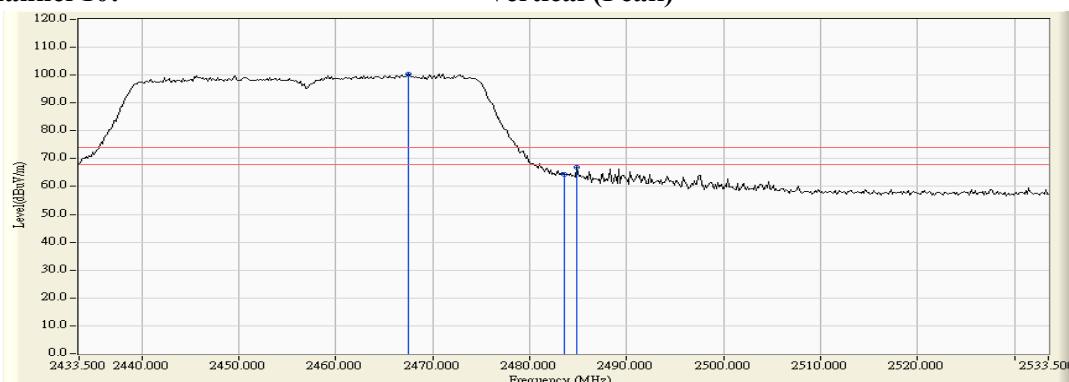
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2457MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
10 (Peak)	2467.413	6.263	94.261	100.524	--	--	--
10 (Peak)	2483.500	6.363	57.903	64.266	74.00	54.00	Pass
10 (Peak)	2484.804	6.372	60.580	66.951	74.00	54.00	Pass
10 (Average)	2469.877	6.278	84.232	90.510	--	--	--
10 (Average)	2483.500	6.363	40.751	47.114	74.00	54.00	Pass
10 (Average)	2484.370	6.368	41.277	47.646	74.00	54.00	Pass

**Figure Channel 10:**

**Vertical (Peak)**



**Figure Channel 10:**

**Vertical (Average)**



**Note:**

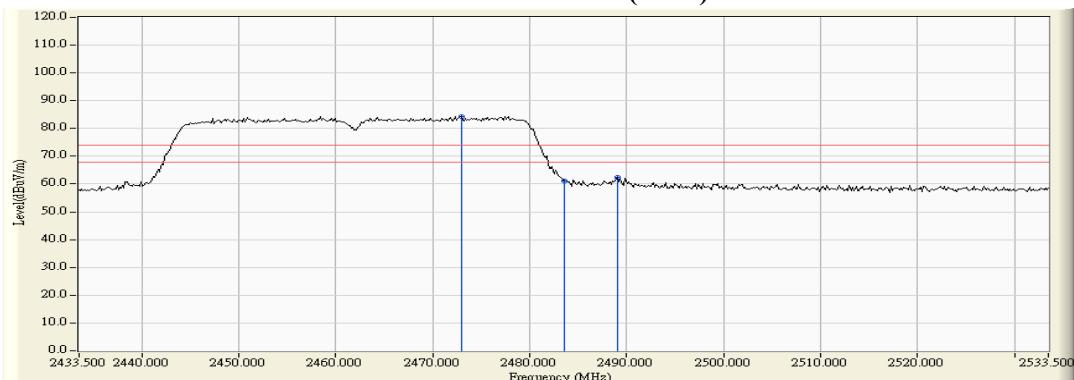
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detectionn.

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2462MHz)

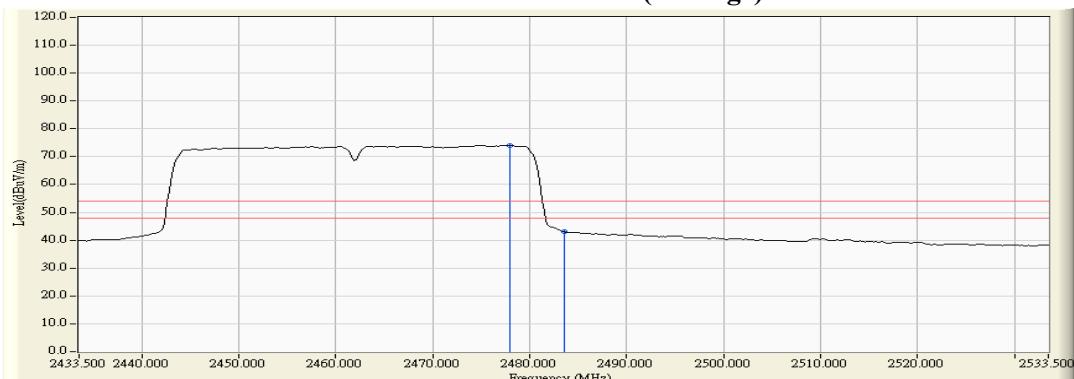
**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2472.920	7.035	77.308	84.343	--	--	--
11 (Peak)	2483.500	7.110	54.061	61.171	74.00	54.00	Pass
11 (Peak)	2489.007	7.149	55.186	62.335	74.00	54.00	Pass
11 (Average)	2477.993	7.070	66.978	74.049	--	--	--
11 (Average)	2483.500	7.110	35.974	43.084	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. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

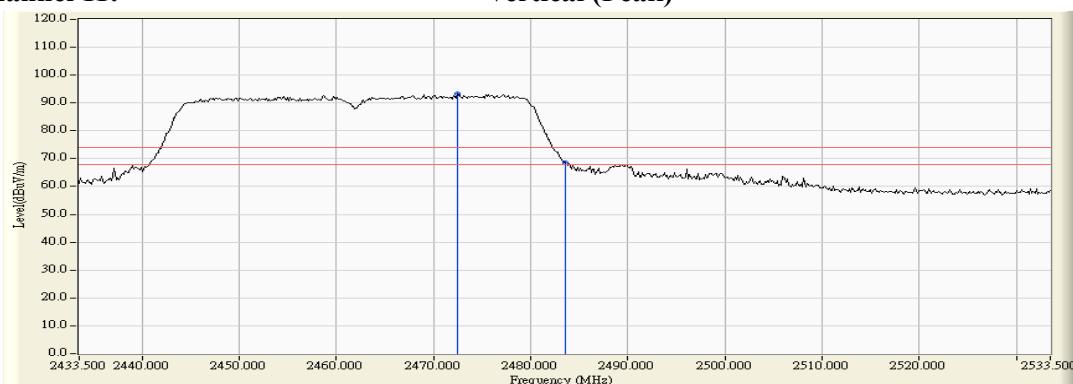
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 1 SISO A: Transmit (802.11n-40BW)\_15Mbps (2462MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2472.486	6.294	86.948	93.242	--	--	--
11 (Peak)	2483.500	6.363	62.272	68.635	74.00	54.00	Pass
11 (Average)	2473.790	6.303	76.951	83.254	--	--	--
11 (Average)	2483.500	6.363	43.517	49.880	74.00	54.00	Pass

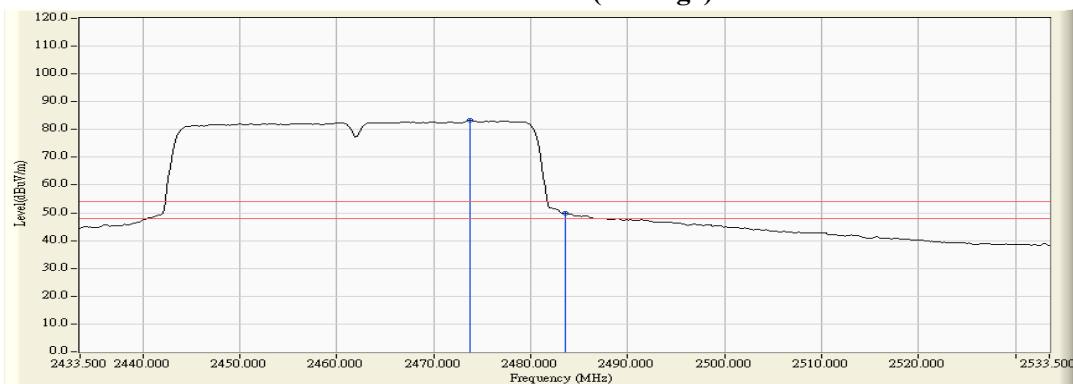
**Figure Channel 11:**

**Vertical (Peak)**



**Figure Channel 11:**

**Vertical (Average)**



**Note:**

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

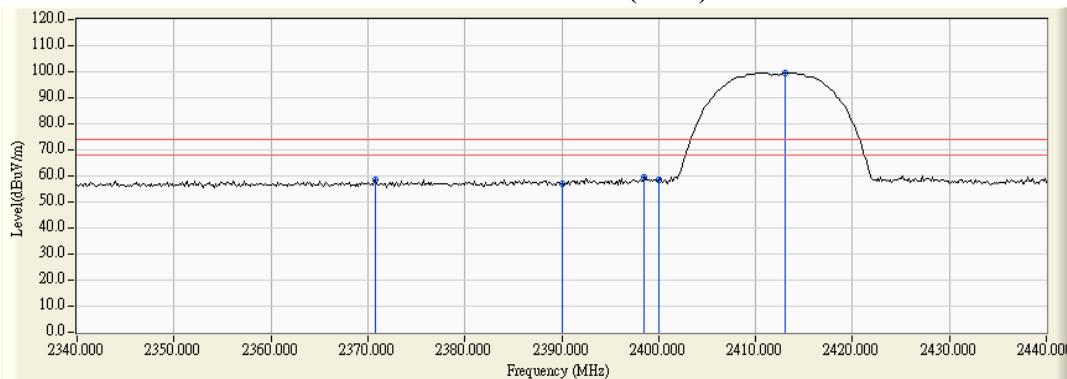
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2412MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2370.725	6.390	51.960	58.349	74.00	54.00	Pass
01 (Peak)	2390.000	6.474	50.734	57.209	74.00	54.00	Pass
01 (Peak)	2398.551	6.520	52.799	59.319	--	--	--
01 (Peak)	2400.000	6.528	52.220	58.748	--	--	--
01 (Peak)	2413.043	6.610	93.050	99.660	--	--	--
01 (Average)	2385.652	6.456	35.543	41.999	74.00	54.00	Pass
01 (Average)	2390.000	6.474	32.156	38.631	74.00	54.00	Pass
01 (Average)	2399.130	6.523	39.231	45.754	--	--	--
01 (Average)	2400.000	6.528	36.809	43.337	--	--	--
01 (Average)	2412.754	6.608	90.098	96.706	--	--	--

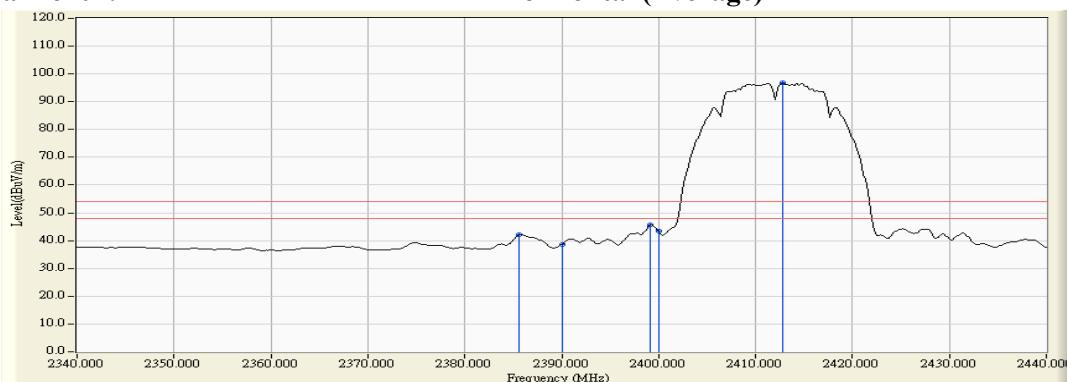
**Figure Channel 01:**

**Horizontal (Peak)**



**Figure Channel 01:**

**Horizontal (Average)**



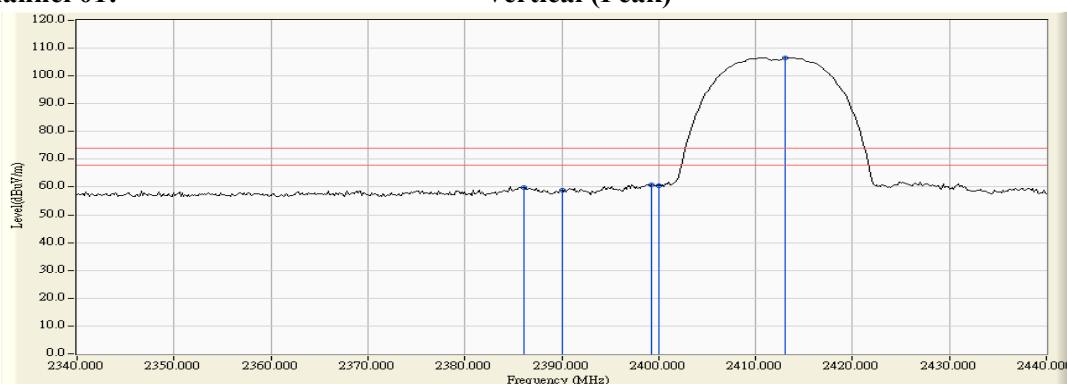
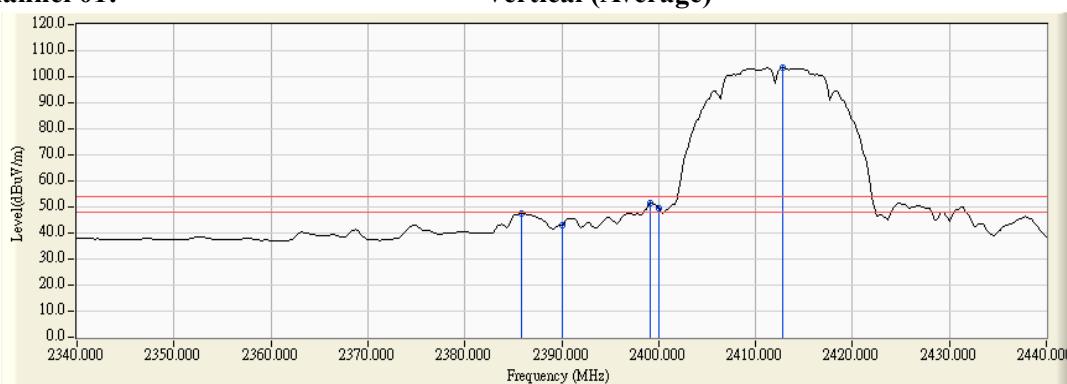
**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2412MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2386.087	5.897	54.050	59.947	74.00	54.00	Pass
01 (Peak)	2390.000	5.880	53.104	58.985	74.00	54.00	Pass
01 (Peak)	2399.275	5.878	54.926	60.803	--	--	--
01 (Peak)	2400.000	5.879	54.663	60.542	--	--	--
01 (Peak)	2413.043	5.921	100.682	106.602	--	--	--
01 (Average)	2385.797	5.899	41.629	47.527	74.00	54.00	Pass
01 (Average)	2390.000	5.880	37.276	43.157	74.00	54.00	Pass
01 (Average)	2399.130	5.877	45.647	51.524	--	--	--
01 (Average)	2400.000	5.879	43.860	49.739	--	--	--
01 (Average)	2412.754	5.919	97.598	103.516	--	--	--

**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. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

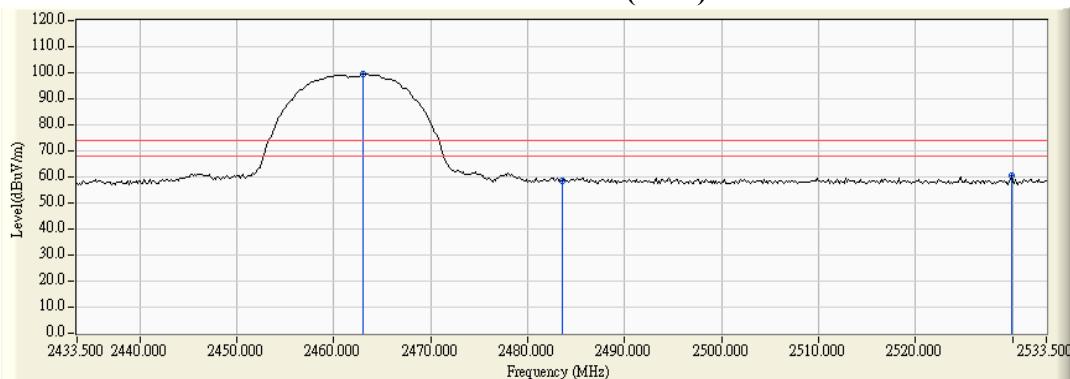
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2462MHz)

**F Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2463.065	6.966	92.354	99.320	--	--	--
11 (Peak)	2483.500	7.110	51.398	58.508	74.00	54.00	Pass
11 (Peak)	2529.877	7.074	53.202	60.276	74.00	54.00	Pass
11 (Average)	2462.775	6.964	89.604	96.568	--	--	--
11 (Average)	2483.500	7.110	34.449	41.559	74.00	54.00	Pass
11 (Average)	2484.804	7.120	35.215	42.334	74.00	54.00	Pass

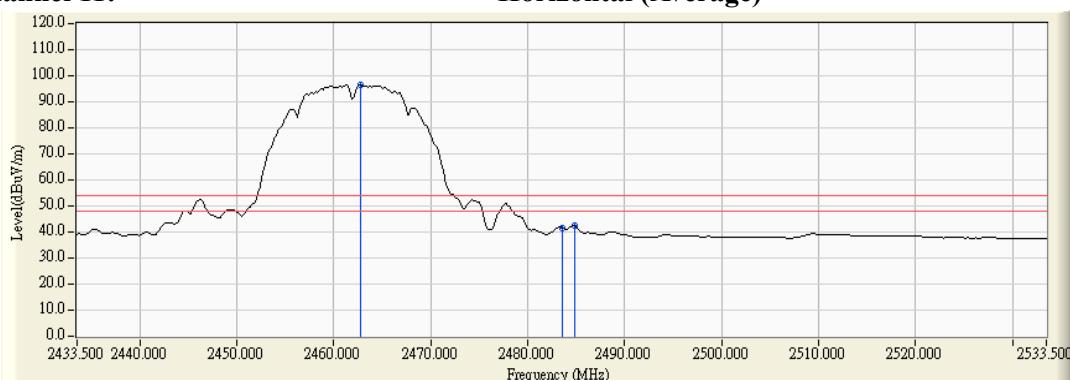
**Figure Channel 11:**

**Horizontal (Peak)**



**Figure Channel 11:**

**Horizontal (Average)**



**Note:**

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

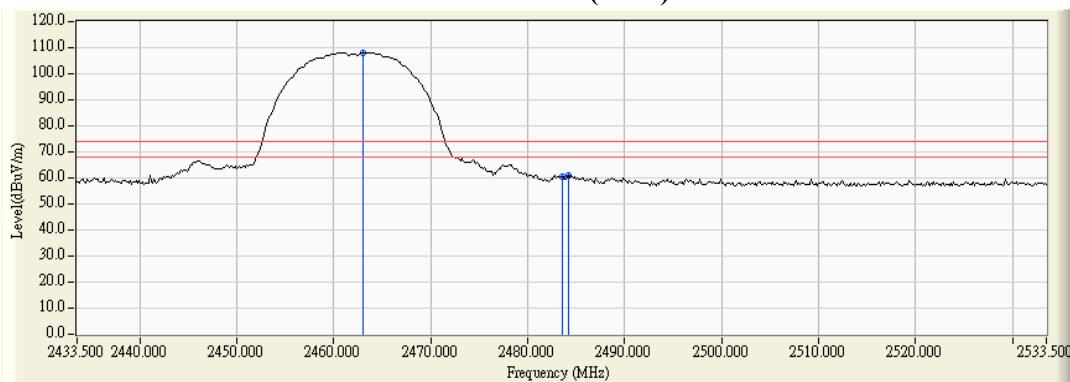
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2462MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2463.065	6.236	101.884	108.120	--	--	--
11 (Peak)	2483.500	6.363	54.076	60.439	74.00	54.00	Pass
11 (Peak)	2484.225	6.368	54.748	61.116	74.00	54.00	Pass
11 (Average)	2462.775	6.234	99.221	105.455	--	--	--
11 (Average)	2483.500	6.363	43.028	49.391	74.00	54.00	Pass
11 (Average)	2484.804	6.372	43.921	50.292	74.00	54.00	Pass

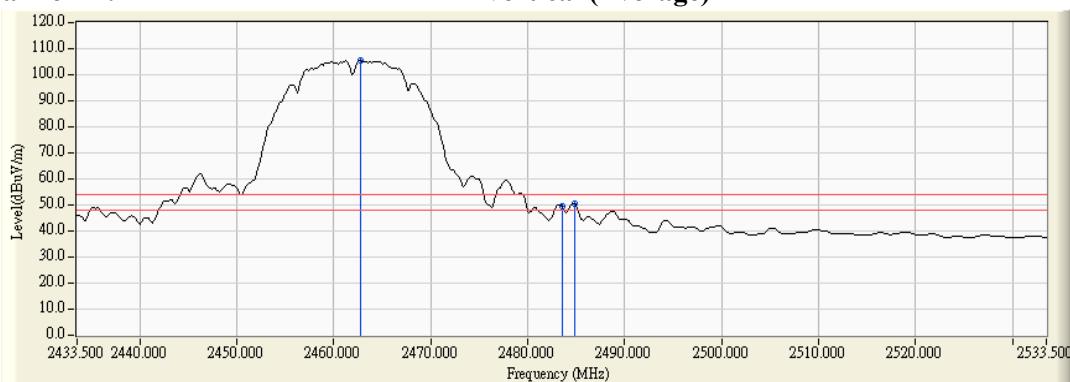
**Figure Channel 11:**

**Vertical (Peak)**



**Figure Channel 11:**

**Vertical (Average)**



**Note:**

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

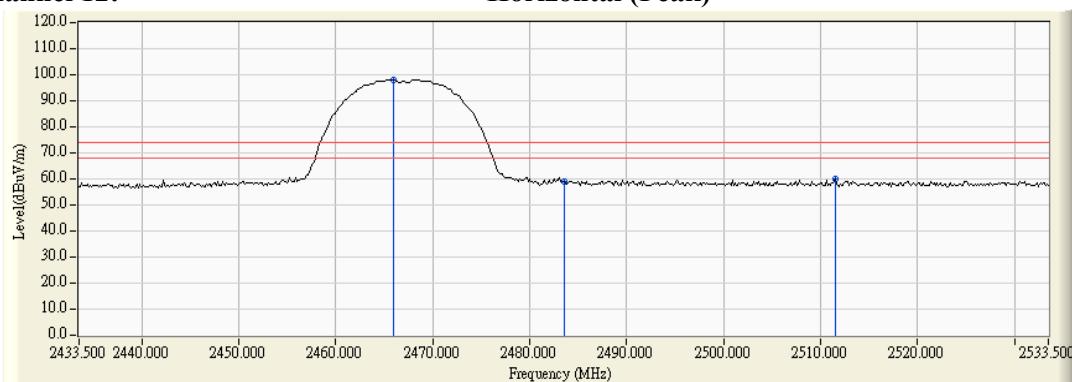
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2467MHz)

**F Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
12 (Peak)	2465.964	6.987	91.052	98.038	--	--	--
12 (Peak)	2483.500	7.110	51.861	58.971	74.00	54.00	Pass
12 (Peak)	2511.471	7.164	52.787	59.951	74.00	54.00	Pass
12 (Average)	2467.703	6.999	88.085	95.083	--	--	--
12 (Average)	2483.500	7.110	36.065	43.175	74.00	54.00	Pass

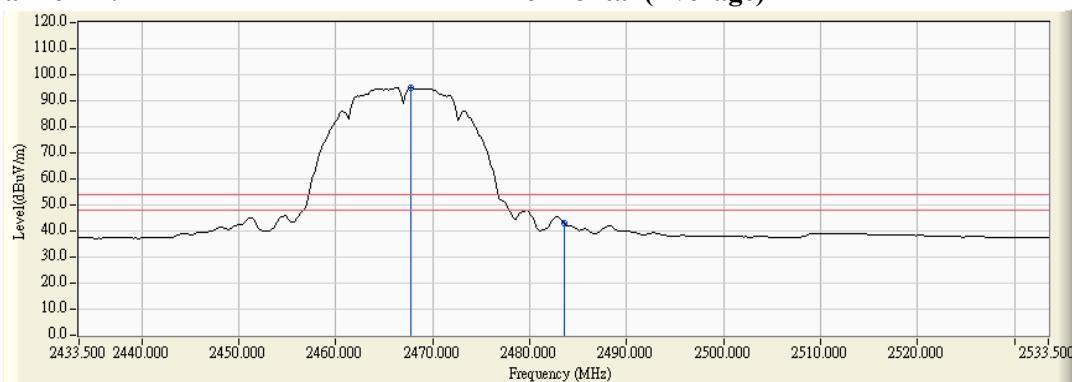
**Figure Channel 12:**

**Horizontal (Peak)**



**Figure Channel 12:**

**Horizontal (Average)**



**Note:**

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

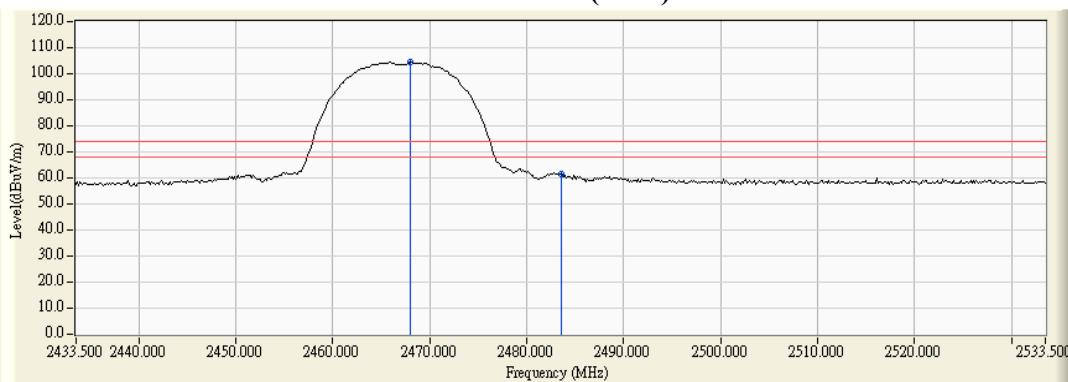
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2467MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
12 (Peak)	2467.993	30.207	98.056	104.323	--	--	--
12 (Peak)	2483.500	30.303	55.317	61.680	74.00	54.00	Pass
12 (Average)	2467.703	6.265	95.235	101.500	--	--	--
12 (Average)	2483.500	6.363	43.724	50.087	74.00	54.00	Pass

**Figure Channel 12:**

**Vertical (Peak)**



**Figure Channel 12:**

**Vertical (Average)**



**Note:**

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

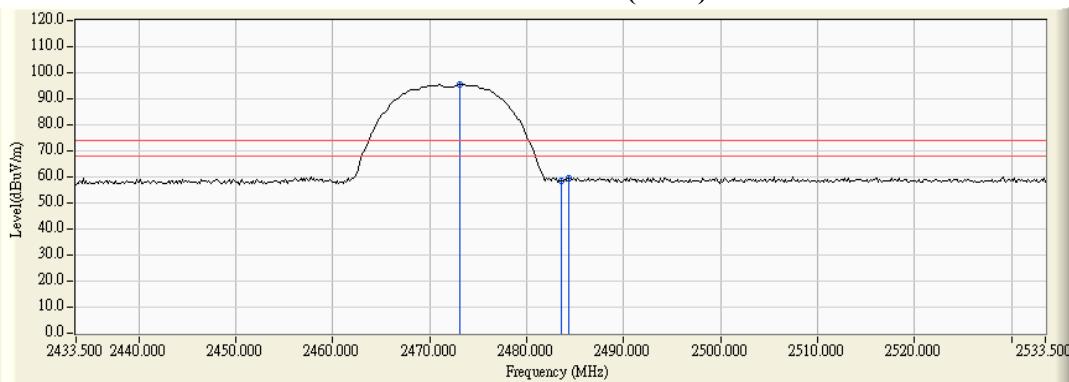
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2472MHz)

**F Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
13 (Peak)	2473.065	7.037	88.381	95.417	--	--	--
13 (Peak)	2483.500	7.110	51.544	58.654	74.00	54.00	Pass
13 (Peak)	2484.370	7.116	52.467	59.583	74.00	54.00	Pass
13 (Average)	2472.775	7.034	85.552	92.586	--	--	--
13 (Average)	2483.500	7.110	31.866	38.976	74.00	54.00	Pass
13 (Average)	2487.558	7.138	34.777	41.916	74.00	54.00	Pass

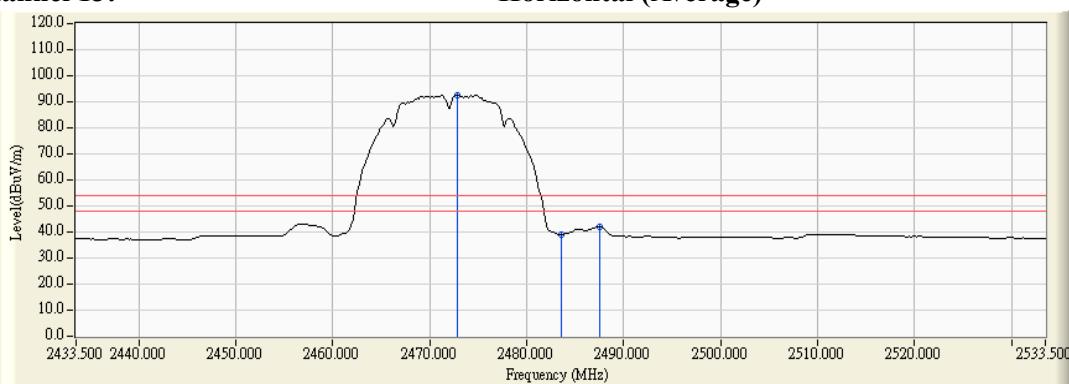
**Figure Channel 13:**

**Horizontal (Peak)**



**Figure Channel 13:**

**Horizontal (Average)**



Note:

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

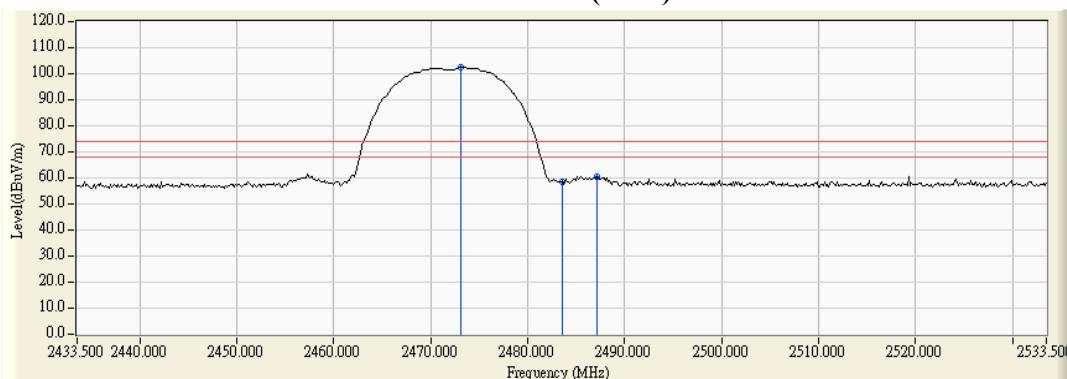
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps) (2472MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
13 (Peak)	2473.065	6.298	96.149	102.447	--	--	--
13 (Peak)	2483.500	6.363	52.135	58.498	74.00	54.00	Pass
13 (Peak)	2487.123	6.386	54.042	60.428	74.00	54.00	Pass
13 (Average)	2472.775	6.296	93.367	99.663	--	--	--
13 (Average)	2483.500	6.363	35.923	42.286	74.00	54.00	Pass
13 (Average)	2485.239	6.374	42.294	48.668	74.00	54.00	Pass

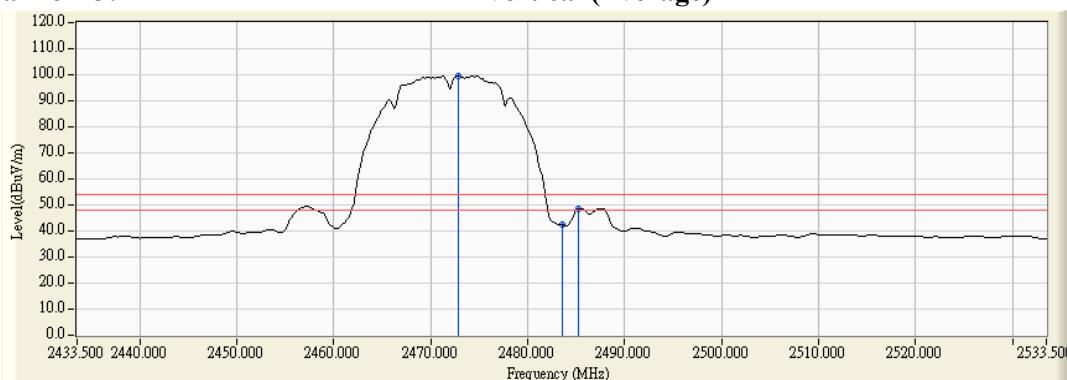
**Figure Channel 13:**

**Vertical (Peak)**



**Figure Channel 13:**

**Vertical (Average)**



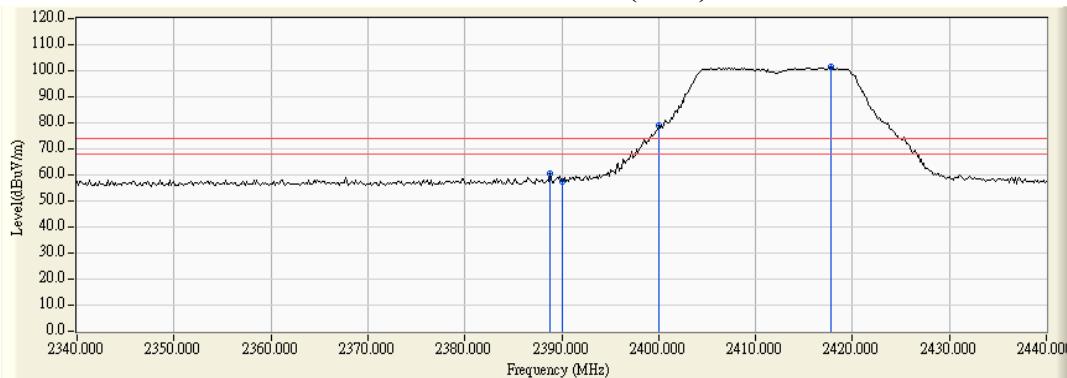
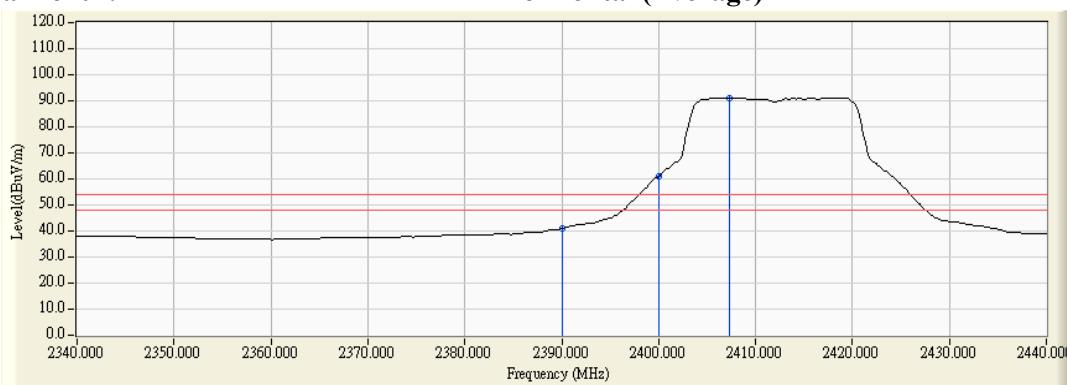
**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2412MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2388.841	6.470	53.827	60.297	74.00	54.00	Pass
01 (Peak)	2390.000	6.474	50.950	57.425	74.00	54.00	Pass
01 (Peak)	2400.000	6.528	72.710	79.238	--	--	--
01 (Peak)	2417.826	6.645	94.617	101.261	--	--	--
01 (Average)	2390.000	6.474	34.510	40.985	74.00	54.00	Pass
01 (Average)	2400.000	6.528	54.680	61.208	--	--	--
01 (Average)	2407.246	6.572	84.647	91.219	--	--	--

**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. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

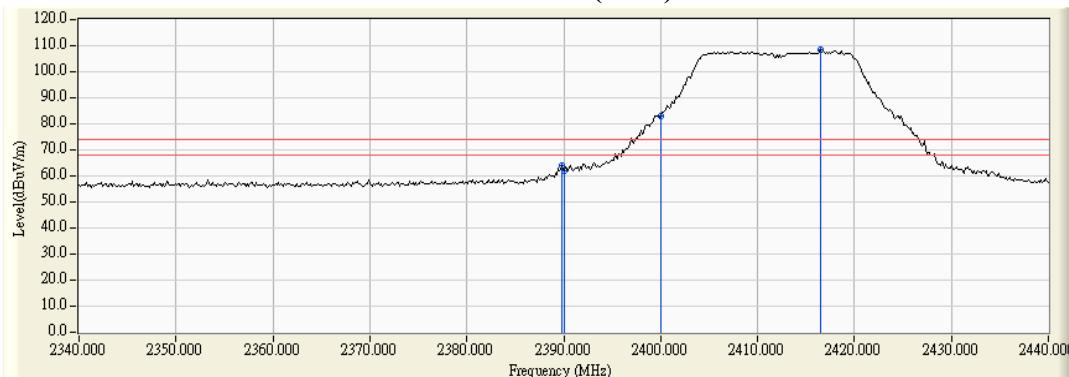
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2412MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2389.855	5.881	58.220	64.101	74.00	54.00	Pass
01 (Peak)	2390.000	5.880	56.116	61.997	74.00	54.00	Pass
01 (Peak)	2400.000	5.879	77.248	83.127	--	--	--
01 (Peak)	2416.522	5.942	102.514	108.456	--	--	--
01 (Average)	2390.000	5.880	39.454	45.335	74.00	54.00	Pass
01 (Average)	2400.000	5.879	60.318	66.197	--	--	--
01 (Average)	2407.826	5.900	89.278	95.177	--	--	--

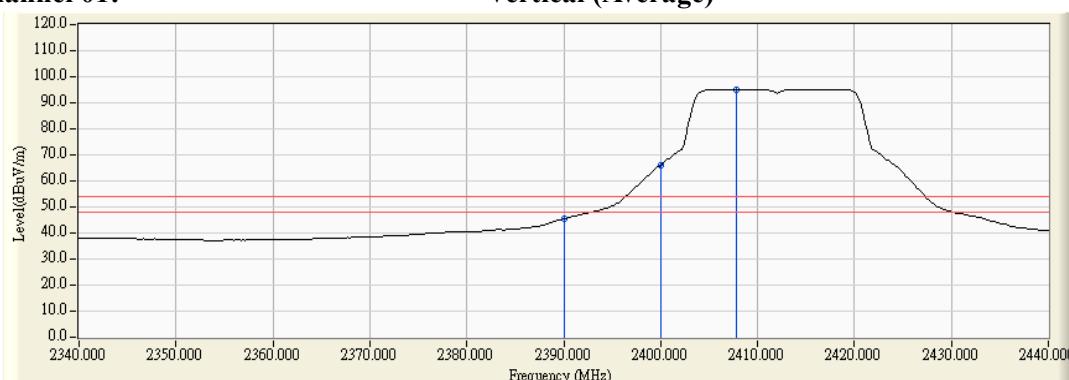
**Figure Channel 01:**

**Vertical (Peak)**



**Figure Channel 01:**

**Vertical (Average)**



**Note:**

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

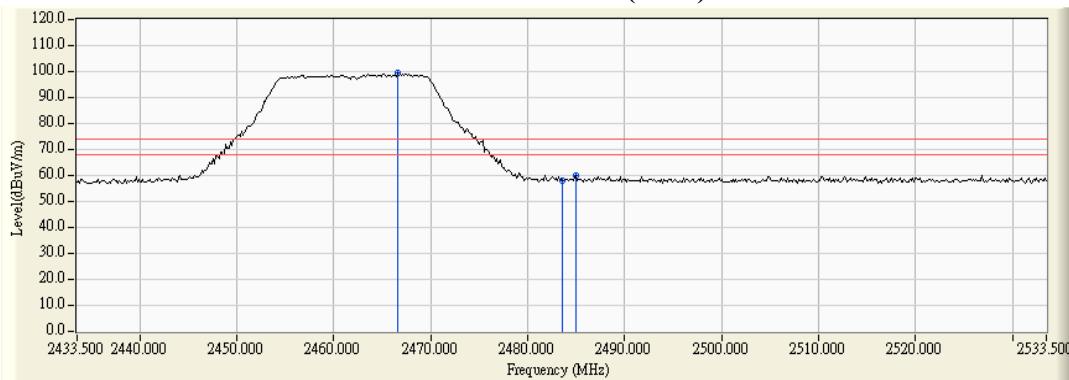
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2462MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2466.543	6.990	92.663	99.653	--	--	--
11 (Peak)	2483.500	7.110	51.069	58.179	74.00	54.00	Pass
11 (Peak)	2484.949	7.120	52.877	59.997	74.00	54.00	Pass
11 (Average)	2465.529	6.983	82.411	89.394	--	--	--
11 (Average)	2483.500	7.110	32.981	40.091	74.00	54.00	Pass

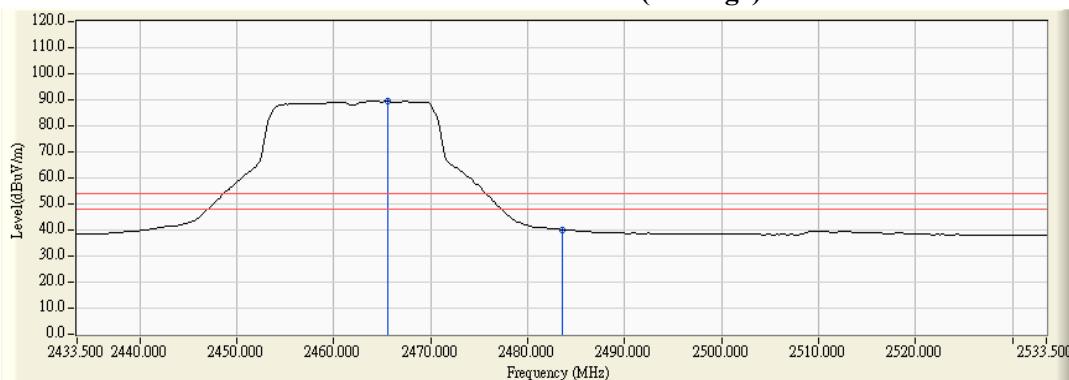
**Figure Channel 11:**

**Horizontal (Peak)**



**Figure Channel 11:**

**Horizontal (Average)**



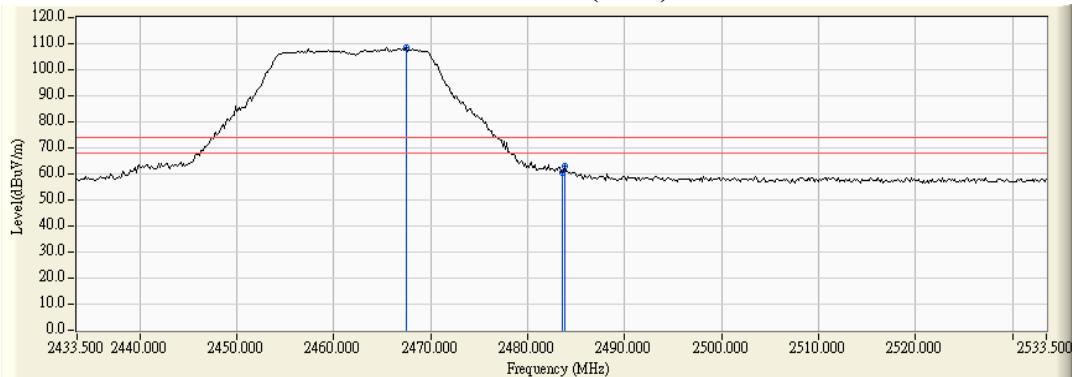
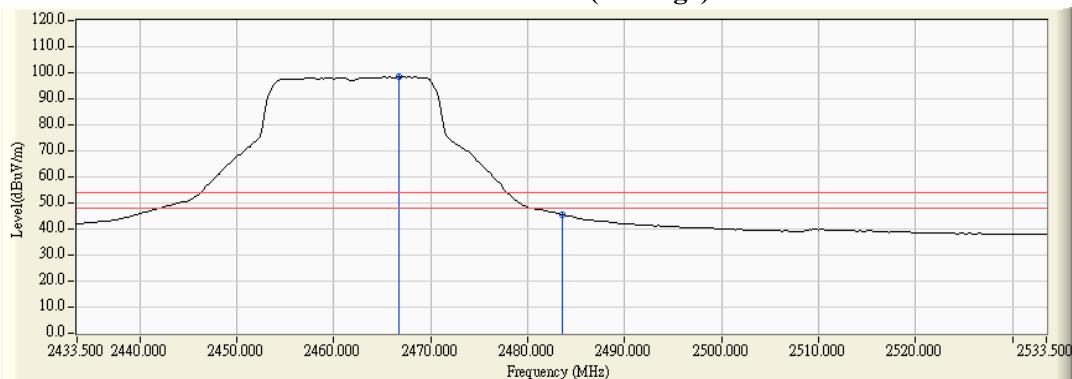
**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2462MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2467.413	6.263	102.427	108.690	--	--	--
11 (Peak)	2483.500	6.363	53.935	60.298	74.00	54.00	Pass
11 (Peak)	2483.790	6.365	56.520	62.885	74.00	54.00	Pass
11 (Average)	2466.688	6.258	92.066	98.324	--	--	--
11 (Average)	2483.500	6.363	39.161	45.524	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. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

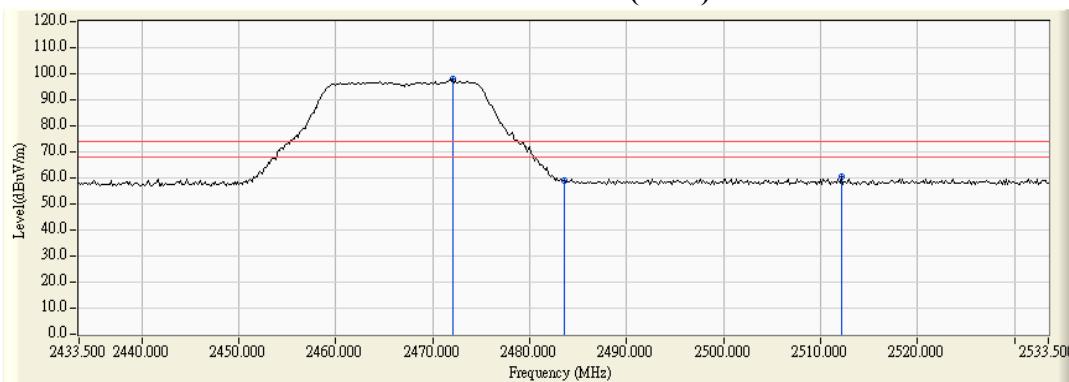
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2467MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
12 (Peak)	2472.051	7.029	90.835	97.864	--	--	--
12 (Peak)	2483.500	7.110	51.811	58.921	74.00	54.00	Pass
12 (Peak)	2512.196	7.162	53.181	60.344	74.00	54.00	Pass
12 (Average)	2465.529	6.983	80.339	87.322	--	--	--
12 (Average)	2483.500	7.110	33.175	40.285	74.00	54.00	Pass

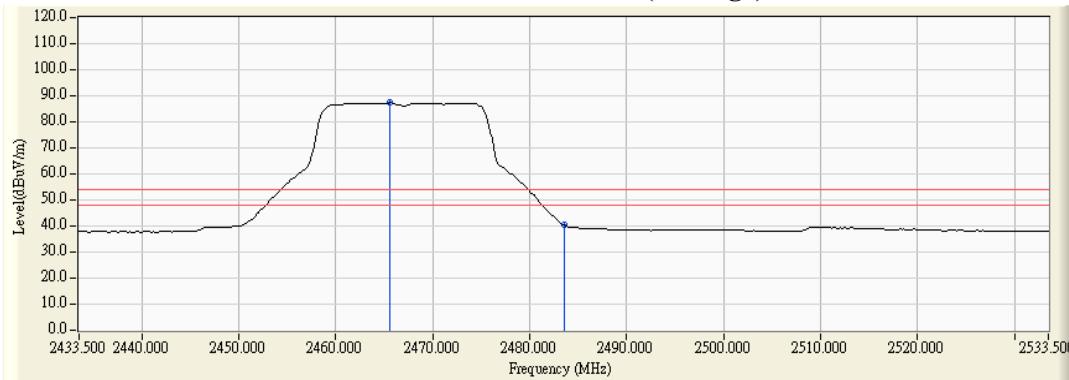
**Figure Channel 12:**

**Horizontal (Peak)**



**Figure Channel 12:**

**Horizontal (Average)**



**Note:**

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

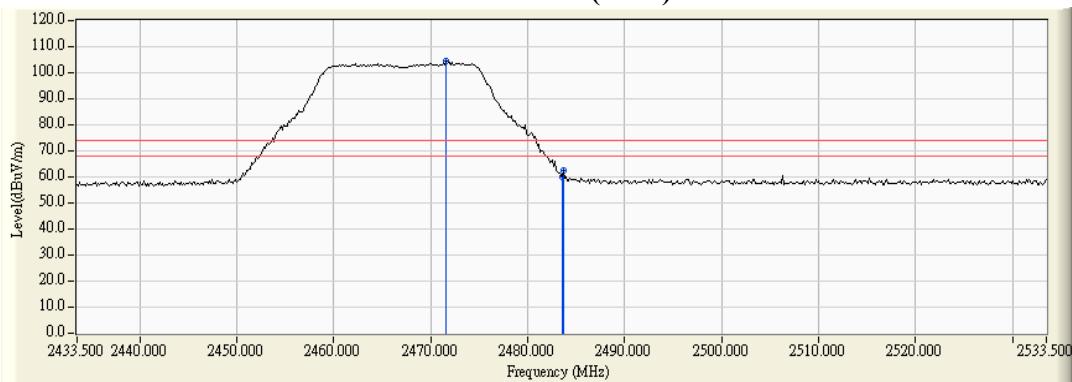
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2467MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
12 (Peak)	2471.616	6.289	98.019	104.308	--	--	--
12 (Peak)	2483.500	6.363	53.847	60.210	74.00	54.00	Pass
12 (Peak)	2483.645	6.364	55.903	62.267	74.00	54.00	Pass
12 (Average)	2469.877	6.278	87.983	94.261	--	--	--
12 (Average)	2483.500	6.363	38.332	44.695	74.00	54.00	Pass

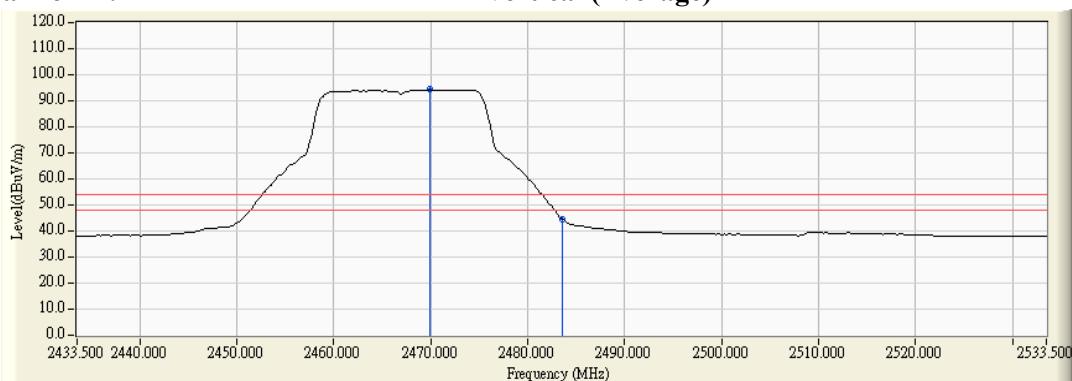
**Figure Channel 12:**

**Vertical (Peak)**



**Figure Channel 12:**

**Vertical (Average)**



Note:

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

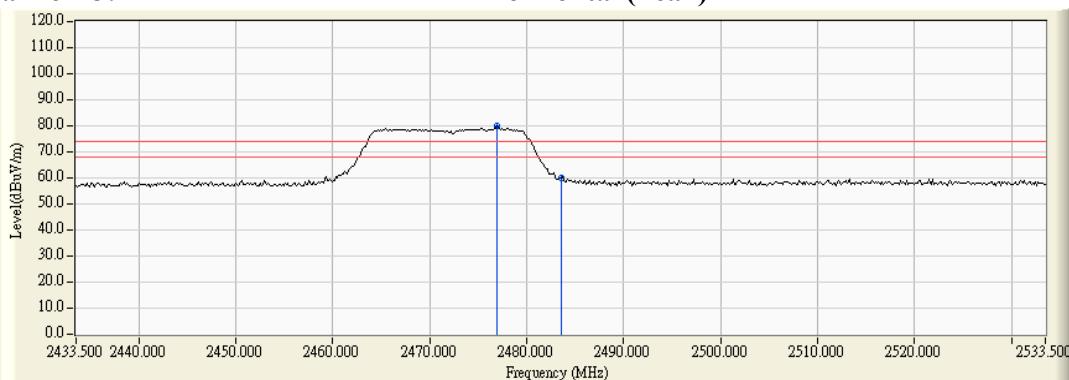
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2472MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
13 (Peak)	2476.978	7.064	72.764	79.828	--	--	--
13 (Peak)	2483.500	7.110	52.855	59.965	74.00	54.00	Pass
13 (Average)	2466.833	6.992	62.296	69.288	--	--	--
13 (Average)	2483.500	7.110	35.992	43.102	74.00	54.00	Pass

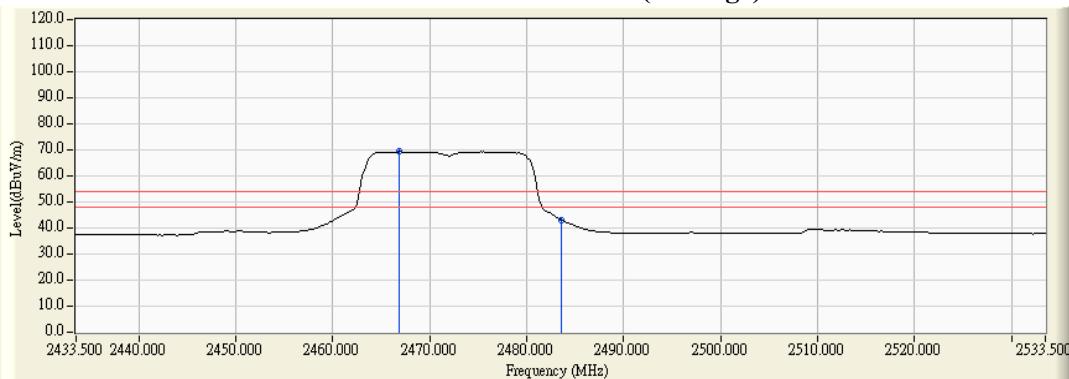
**Figure Channel 13:**

**Horizontal (Peak)**



**Figure Channel 13:**

**Horizontal (Average)**



**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps) (2472MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
13 (Peak)	2477.123	6.323	80.650	86.973	--	--	--
13 (Peak)	2483.500	6.363	58.943	65.306	74.00	54.00	Pass
13 (Average)	2476.543	6.320	70.193	76.513	--	--	--
13 (Average)	2483.500	6.363	42.727	49.090	74.00	54.00	Pass

Figure Channel 13:

Vertical (Peak)

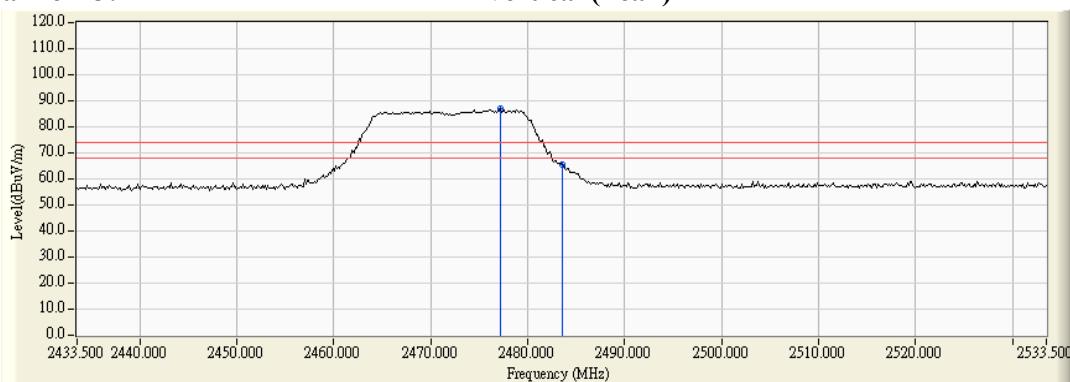
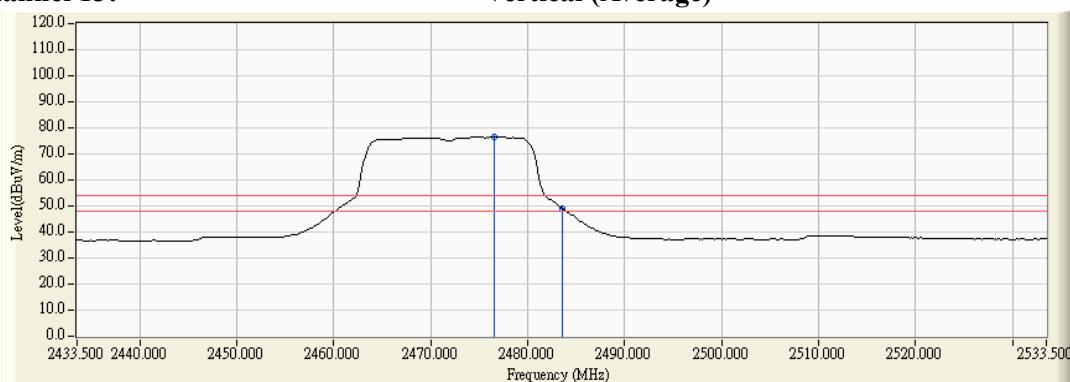


Figure Channel 13:

Vertical (Average)



**Note:**

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

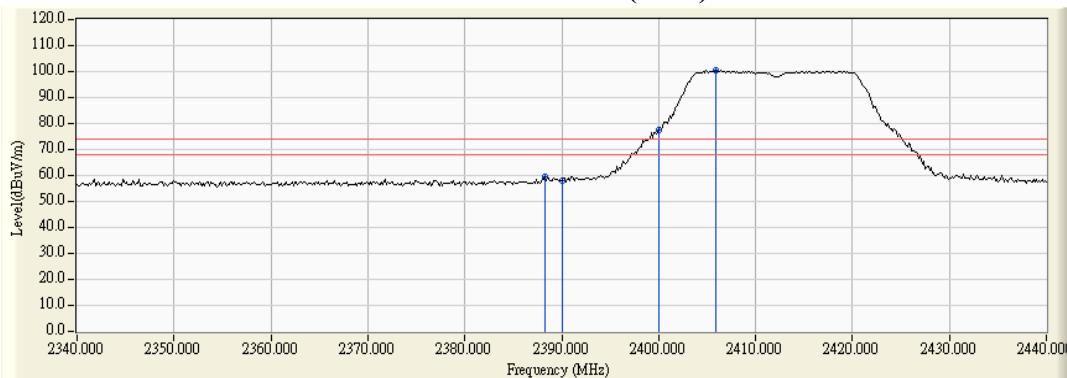
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2412MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2388.261	6.467	52.922	59.389	74.00	54.00	Pass
01 (Peak)	2390.000	6.474	51.550	58.025	74.00	54.00	Pass
01 (Peak)	2400.000	6.528	70.834	77.362	--	--	--
01 (Peak)	2405.942	6.564	93.881	100.445	--	--	--
01 (Average)	2390.000	6.474	35.579	42.054	74.00	54.00	Pass
01 (Average)	2400.000	6.528	55.159	61.687	--	--	--
01 (Average)	2406.957	6.571	84.078	90.649	--	--	--

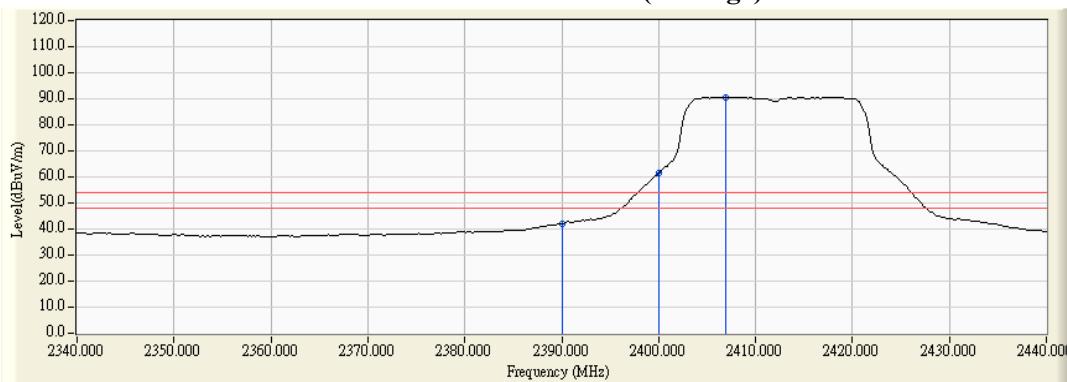
**Figure Channel 01:**

**Horizontal (Peak)**



**Figure Channel 01:**

**Horizontal (Average)**



**Note:**

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

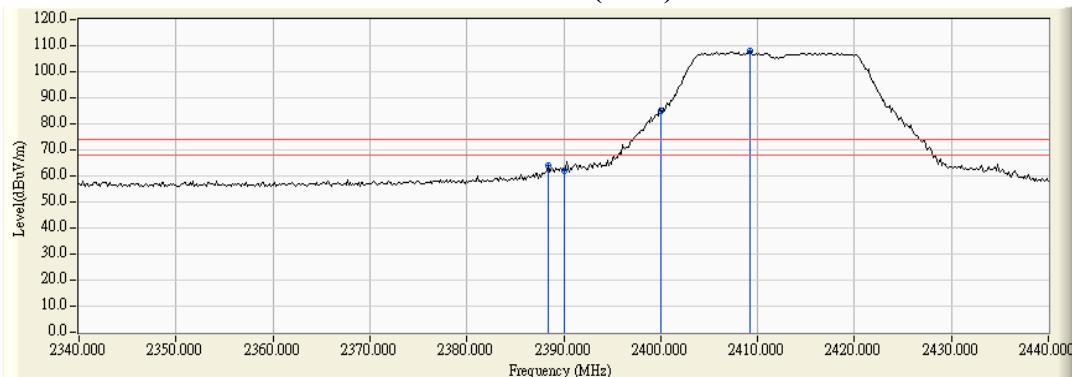
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW) \_ 7.2Mbps (2412MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
01 (Peak)	2388.406	5.888	57.954	63.841	74.00	54.00	Pass
01 (Peak)	2390.000	5.880	56.056	61.937	74.00	54.00	Pass
01 (Peak)	2400.000	5.879	79.255	85.134	--	--	--
01 (Peak)	2409.275	5.903	102.197	108.100	--	--	--
01 (Average)	2390.000	5.880	42.248	48.129	74.00	54.00	Pass
01 (Average)	2400.000	5.879	63.180	69.059	--	--	--
01 (Average)	2417.681	5.950	91.947	97.896	--	--	--

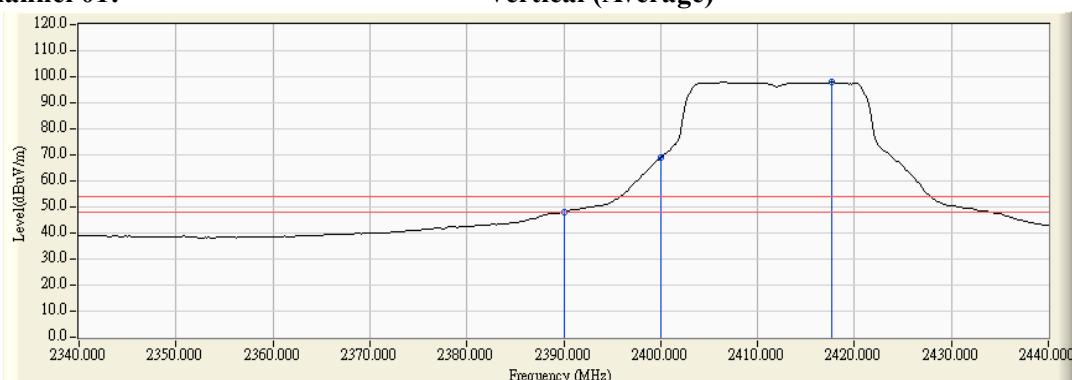
**Figure Channel 01:**

**Vertical (Peak)**



**Figure Channel 01:**

**Vertical (Average)**



**Note:**

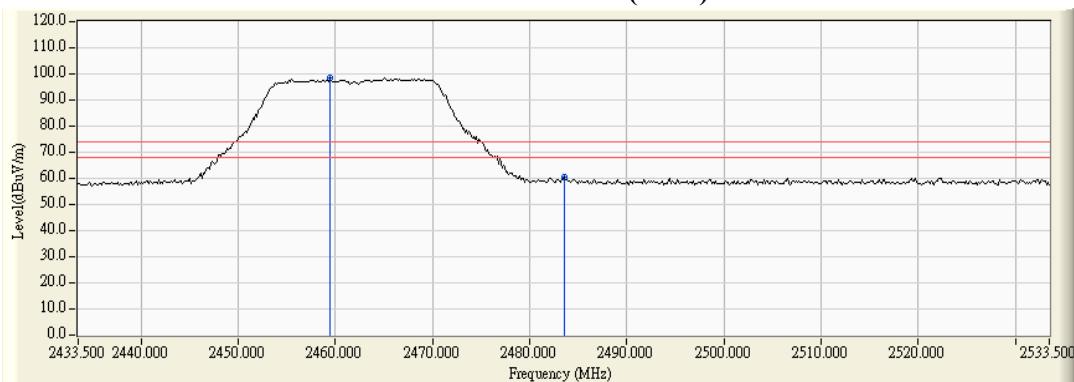
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2462MHz)

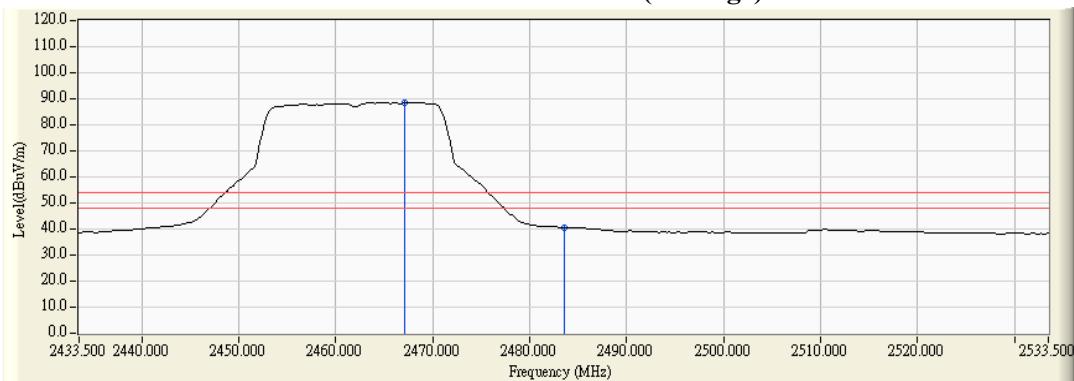
**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2459.442	6.940	91.442	98.382	--	--	--
11 (Peak)	2483.500	7.110	53.217	60.327	74.00	54.00	Pass
11 (Average)	2467.123	6.994	81.599	88.593	--	--	--
11 (Average)	2483.500	7.110	33.194	40.304	74.00	54.00	Pass

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



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



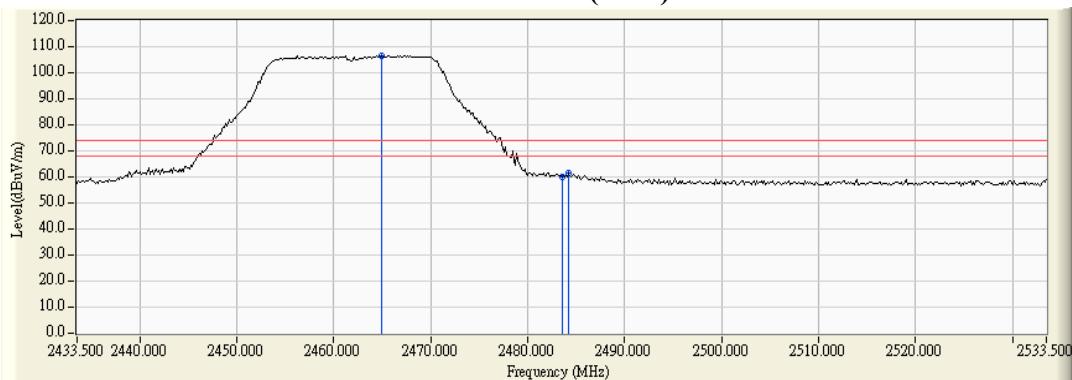
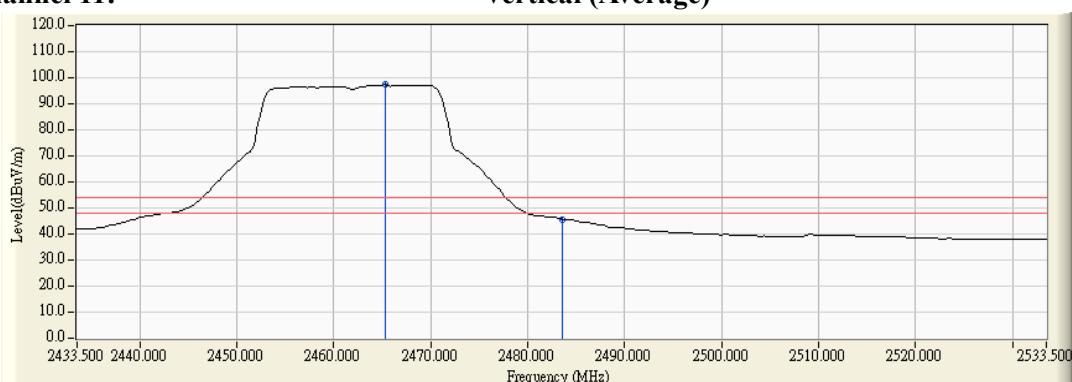
**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2462MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2464.949	6.248	100.420	106.668	--	--	--
11 (Peak)	2483.500	6.363	53.788	60.151	74.00	54.00	Pass
11 (Peak)	2484.225	6.368	55.165	61.533	74.00	54.00	Pass
11 (Average)	2465.239	6.249	91.040	97.289	--	--	--
11 (Average)	2483.500	6.363	39.236	45.599	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. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

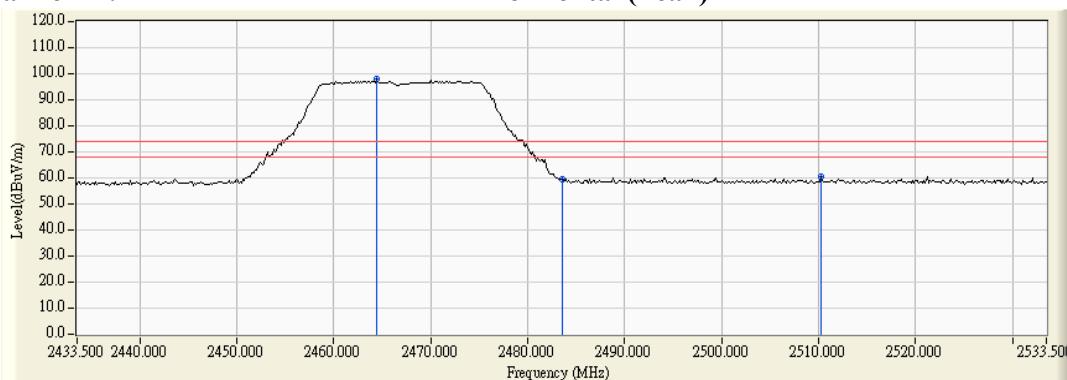
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2467MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
12 (Peak)	2464.370	6.975	90.829	97.804	--	--	--
12 (Peak)	2483.500	7.110	52.176	59.286	74.00	54.00	Pass
12 (Peak)	2510.312	7.167	53.102	60.269	74.00	54.00	Pass
12 (Average)	2463.935	6.972	80.766	87.738	--	--	--
12 (Average)	2483.500	7.110	34.262	41.372	74.00	54.00	Pass

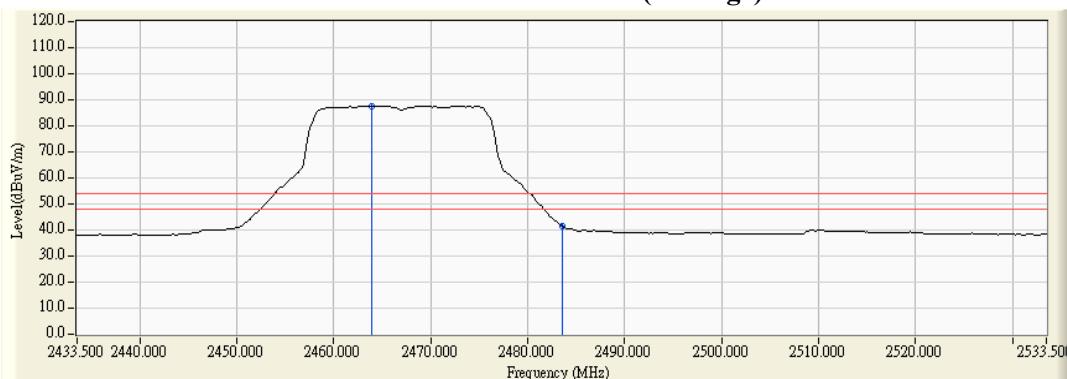
**Figure Channel 12:**

**Horizontal (Peak)**



**Figure Channel 12:**

**Horizontal (Average)**



**Note:**

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

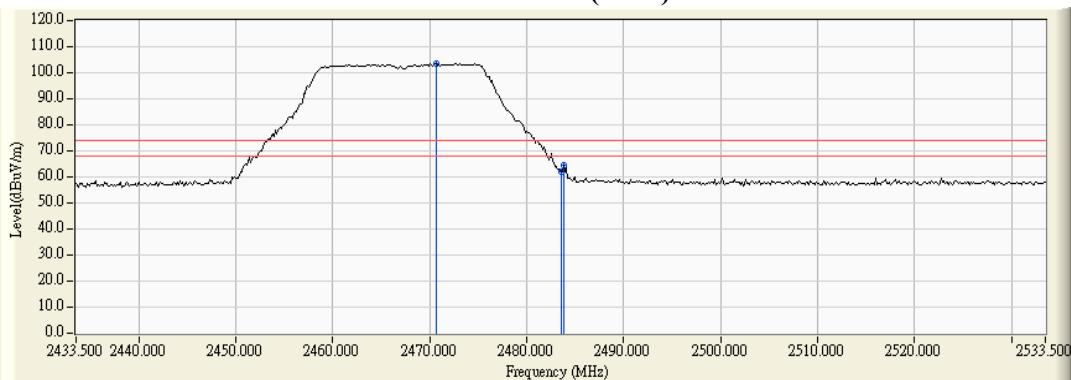
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2467MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
12 (Peak)	2470.601	6.283	97.235	103.518	--	--	--
12 (Peak)	2483.500	6.363	55.858	62.221	74.00	54.00	Pass
12 (Peak)	2483.790	6.365	58.130	64.495	74.00	54.00	Pass
12 (Average)	2473.935	6.303	88.155	94.458	--	--	--
12 (Average)	2483.500	6.363	39.938	46.301	74.00	54.00	Pass

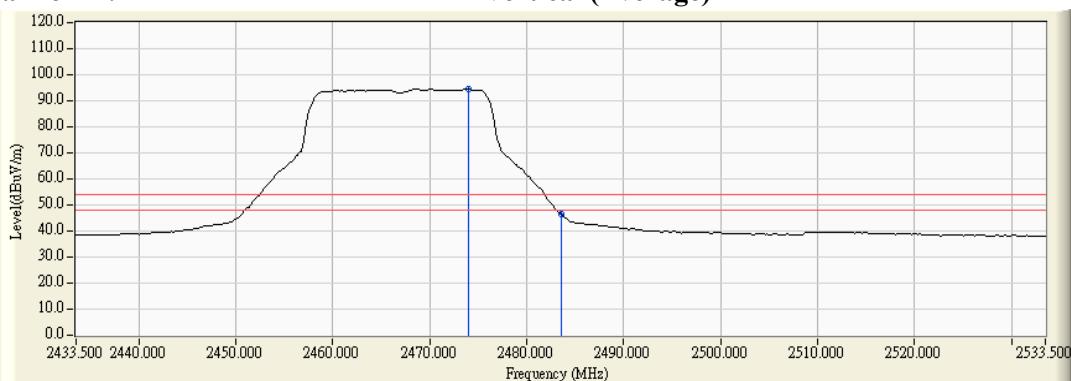
**Figure Channel 12:**

**Vertical (Peak)**



**Figure Channel 12:**

**Vertical (Average)**



**Note:**

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

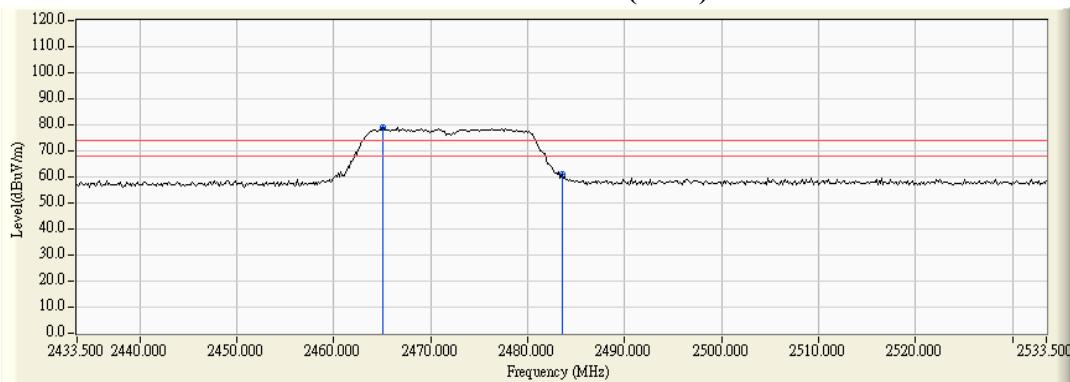
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2472MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
13 (Peak)	2465.094	6.980	71.892	78.872	--	--	--
13 (Peak)	2483.500	7.110	54.062	61.172	74.00	54.00	Pass
13 (Average)	2475.239	7.052	61.981	69.032	--	--	--
13 (Average)	2483.500	7.110	36.346	43.456	74.00	54.00	Pass

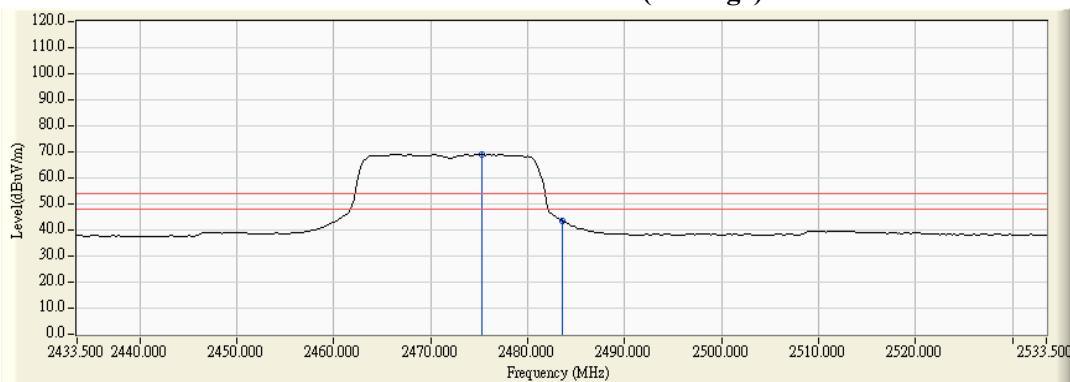
**Figure Channel 13:**

**Horizontal (Peak)**



**Figure Channel 13:**

**Horizontal (Average)**



**Note:**

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

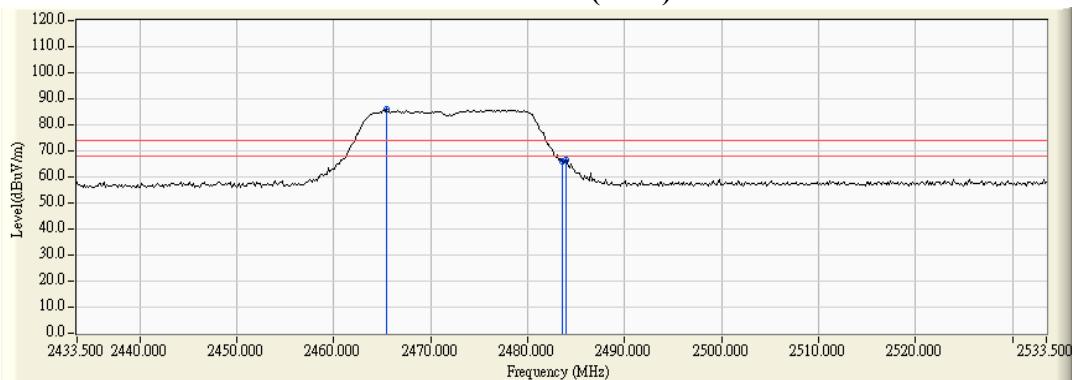
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-20BW)\_7.2Mbps (2472MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
13 (Peak)	2465.384	6.250	79.690	85.940	--	--	--
13 (Peak)	2483.500	6.363	59.557	65.920	74.00	54.00	Pass
13 (Peak)	2483.935	6.366	59.985	66.351	74.00	54.00	Pass
13 (Average)	2477.703	6.327	70.073	76.400	--	--	--
13 (Average)	2483.500	6.363	43.086	49.449	74.00	54.00	Pass

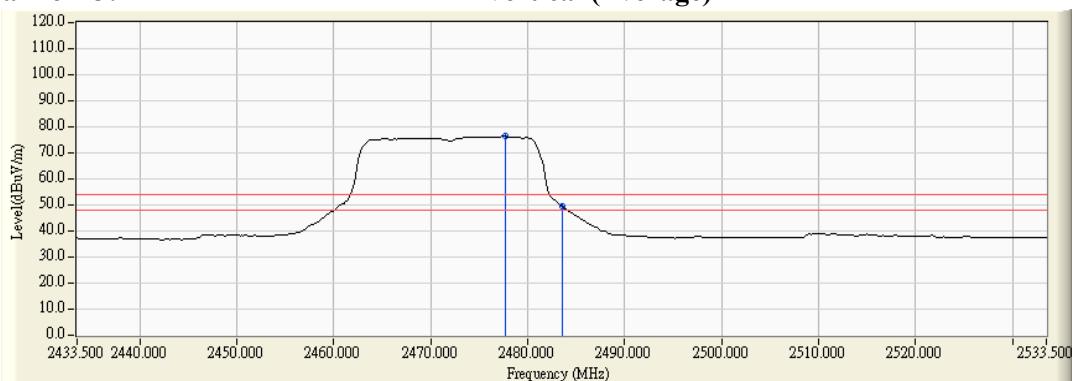
**Figure Channel 13:**

**Vertical (Peak)**



**Figure Channel 13:**

**Vertical (Average)**



**Note:**

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

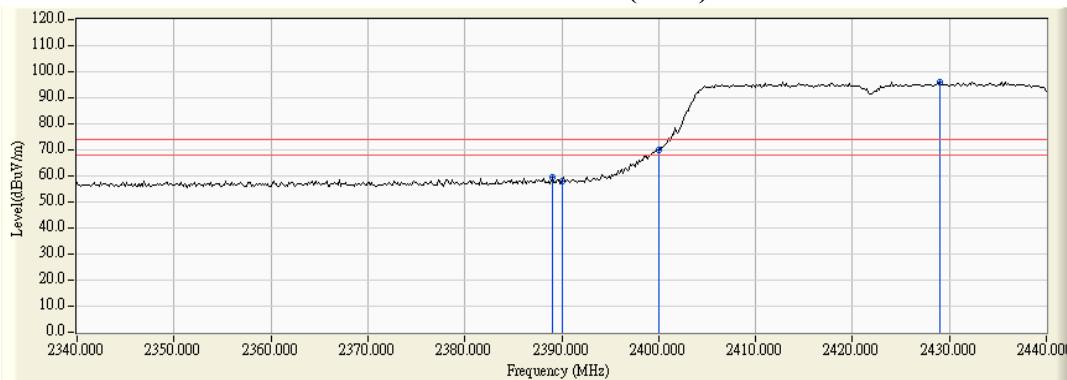
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2422MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
03 (Peak)	2388.986	6.470	52.855	59.325	74.00	54.00	Pass
03 (Peak)	2390.000	6.474	51.691	58.166	74.00	54.00	Pass
03 (Peak)	2400.000	6.528	63.338	69.866	--	--	--
03 (Peak)	2428.986	6.723	89.508	96.232	--	--	--
03 (Average)	2389.275	6.471	35.657	42.128	74.00	54.00	Pass
03 (Average)	2390.000	6.474	35.259	41.734	74.00	54.00	Pass
03 (Average)	2400.000	6.528	49.645	56.173	--	--	--
03 (Average)	2435.362	6.769	79.376	86.145	--	--	--

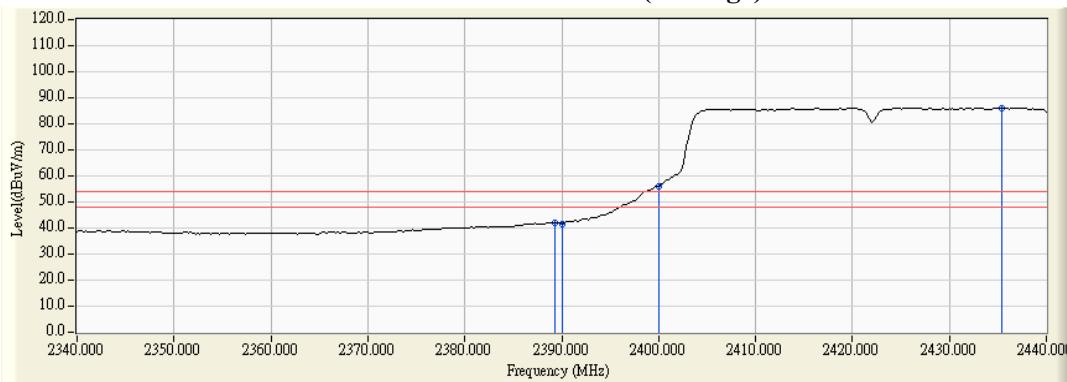
**Figure Channel 03:**

**Horizontal (Peak)**



**Figure Channel 03:**

**Horizontal (Average)**



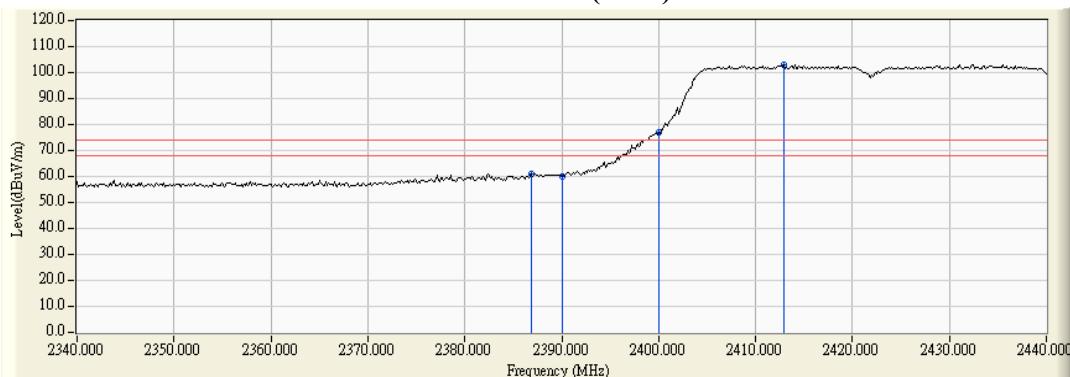
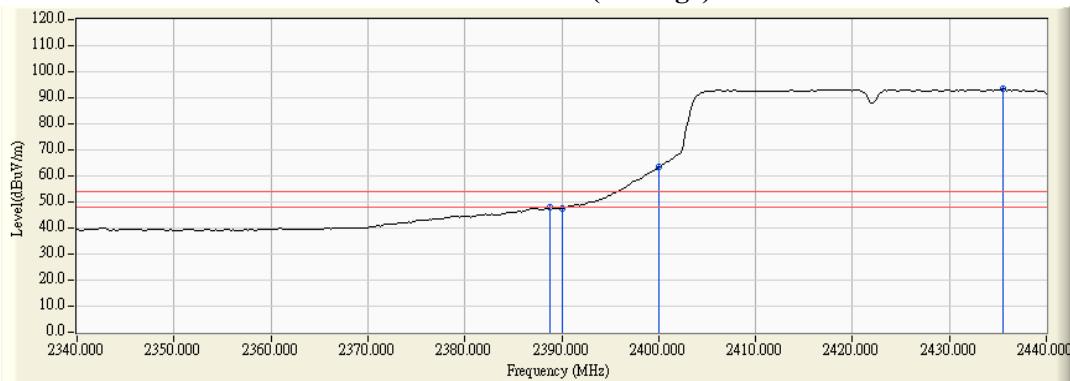
**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2422MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
03 (Peak)	2386.812	5.894	55.272	61.166	74.00	54.00	Pass
03 (Peak)	2390.000	5.880	54.078	59.959	74.00	54.00	Pass
03 (Peak)	2400.000	5.879	71.024	76.903	--	--	--
03 (Peak)	2412.899	5.920	97.321	103.240	--	--	--
03 (Average)	2388.841	5.886	41.907	47.793	74.00	54.00	Pass
03 (Average)	2390.000	5.880	41.682	47.563	74.00	54.00	Pass
03 (Average)	2400.000	5.879	57.465	63.344	--	--	--
03 (Average)	2435.507	6.060	87.242	93.303	--	--	--

**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. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

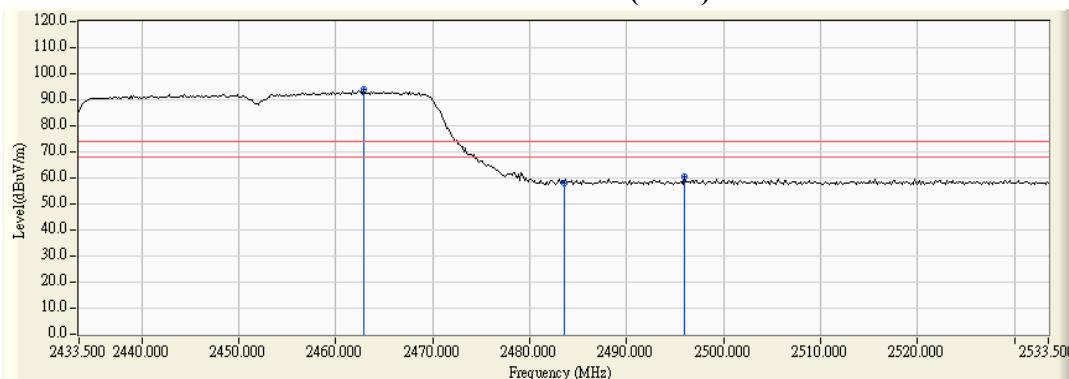
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2452MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
09 (Peak)	2462.920	6.965	86.835	93.800	--	--	--
09 (Peak)	2483.500	7.110	51.059	58.169	74.00	54.00	Pass
09 (Peak)	2495.964	7.198	53.125	60.323	74.00	54.00	Pass
09 (Average)	2465.964	6.987	79.108	86.094	--	--	--
09 (Average)	2483.500	7.110	35.811	42.921	74.00	54.00	Pass

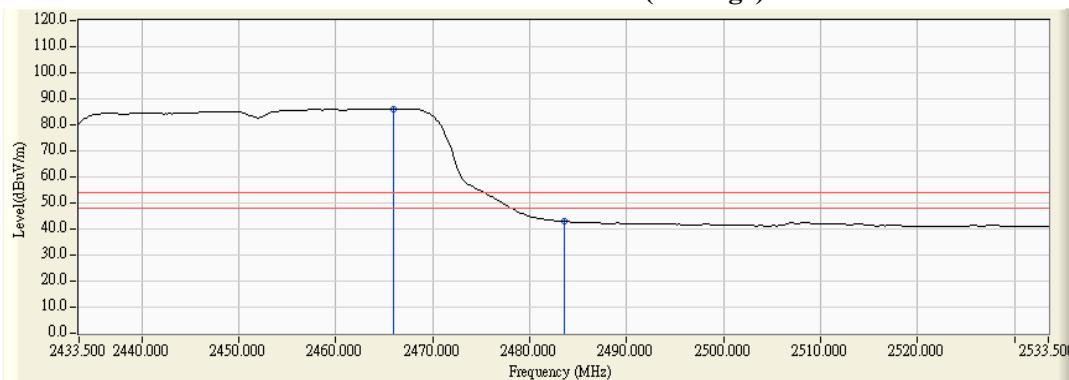
**Figure Channel 09:**

**Horizontal (Peak)**



**Figure Channel 09:**

**Horizontal (Average)**



Note:

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

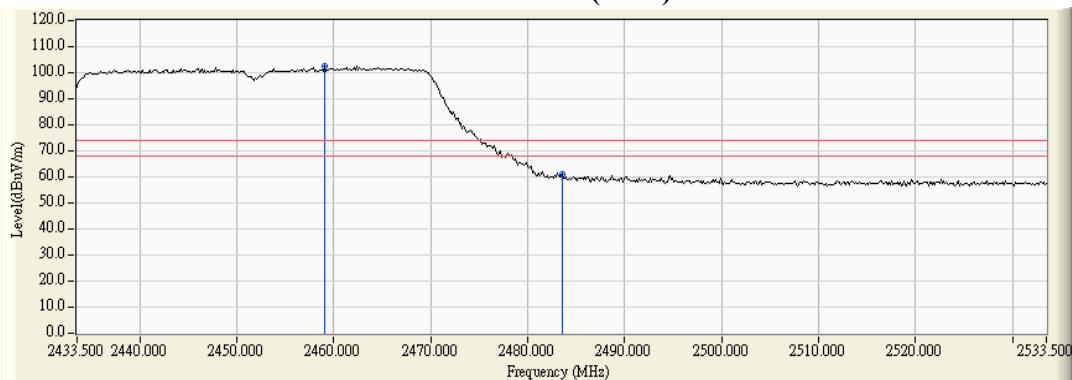
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2452MHz)

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
09 (Peak)	2459.007	6.211	96.107	102.317	--	--	--
09 (Peak)	2483.500	6.363	54.401	60.764	74.00	54.00	Pass
09 (Average)	2465.094	6.248	86.443	92.692	--	--	--
09 (Average)	2483.500	6.363	39.017	45.380	74.00	54.00	Pass
09 (Average)	2484.370	6.368	39.392	45.761	74.00	54.00	Pass

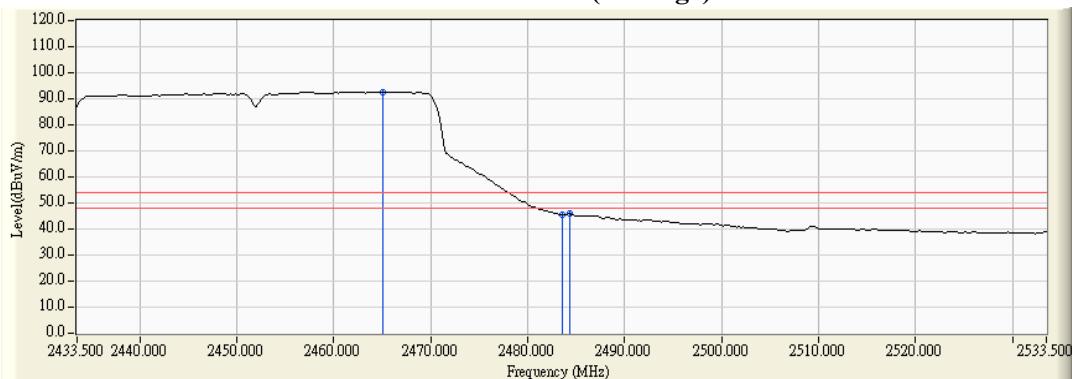
**Figure Channel 09:**

**Vertical (Peak)**



**Figure Channel 09:**

**Vertical (Average)**



**Note:**

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

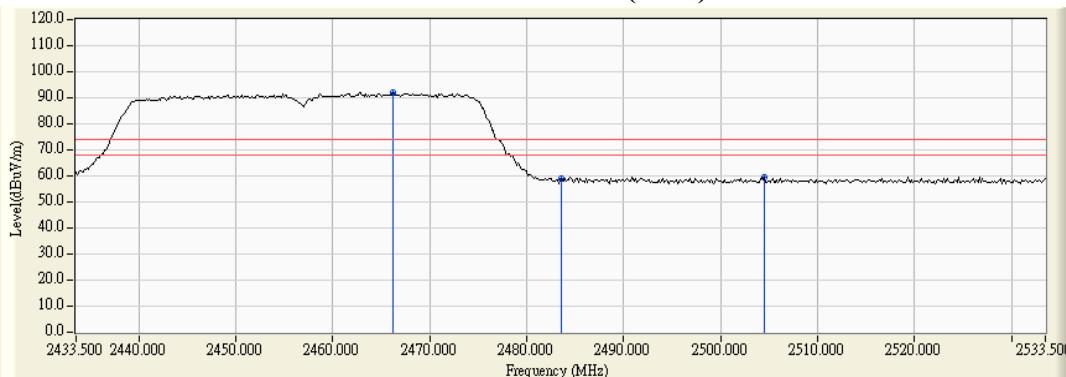
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2457MHz)

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
10 (Peak)	2466.254	6.989	85.166	92.154	--	--	--
10 (Peak)	2483.500	7.110	51.734	58.844	74.00	54.00	Pass
10 (Peak)	2504.514	7.180	52.338	59.518	74.00	54.00	Pass
10 (Average)	2464.225	6.974	75.636	82.610	--	--	--
10 (Average)	2483.500	7.110	33.464	40.574	74.00	54.00	Pass
10 (Average)	2484.659	7.119	33.691	40.809	74.00	54.00	Pass

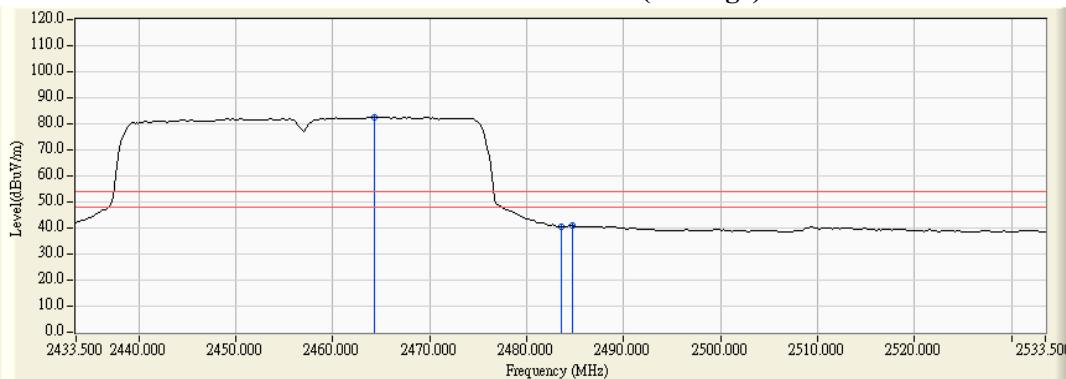
**Figure Channel 10:**

**Horizontal (Peak)**



**Figure Channel 10:**

**Horizontal (Average)**



**Note:**

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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2457MHz)

#### RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
10 (Peak)	2470.891	30.224	92.676	98.961	--	--	--
10 (Peak)	2483.500	30.303	53.473	59.836	74.00	54.00	Pass
10 (Peak)	2483.790	30.305	56.007	62.372	74.00	54.00	Pass
10 (Average)	2467.558	6.263	82.988	89.252	--	--	--
10 (Average)	2483.500	6.363	38.536	44.899	74.00	54.00	Pass

Figure Channel 10:

Vertical (Peak)

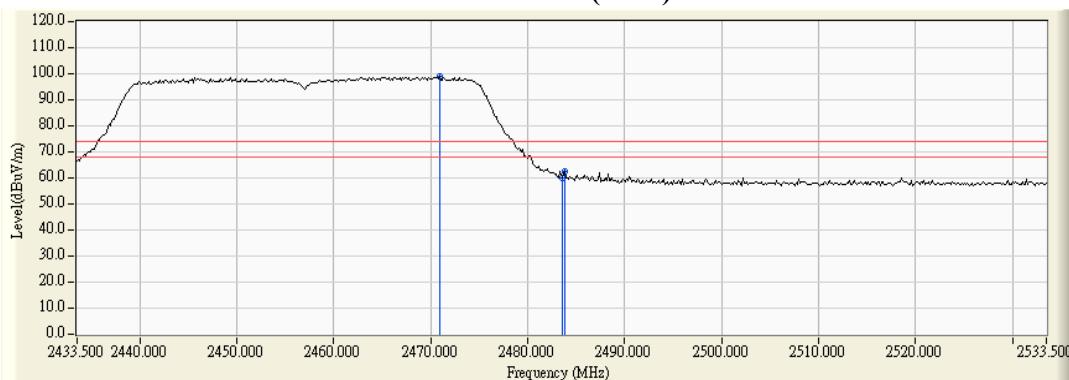
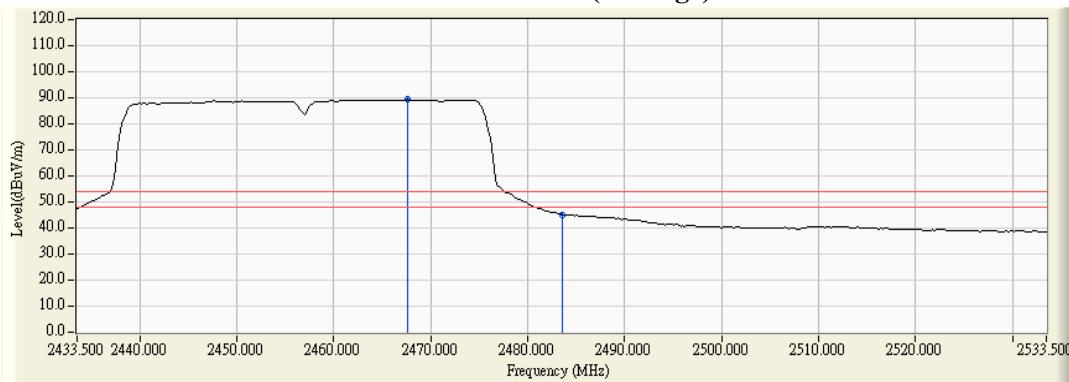


Figure Channel 10:

Vertical (Average)



#### Note:

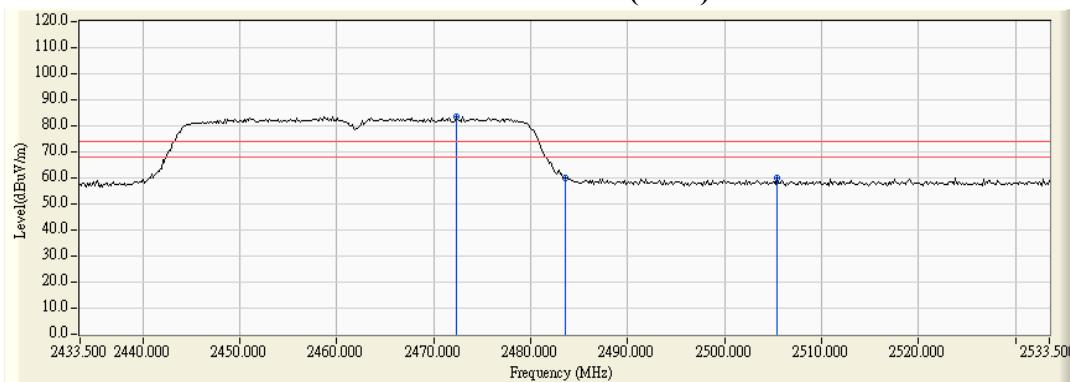
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average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

Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2462MHz)

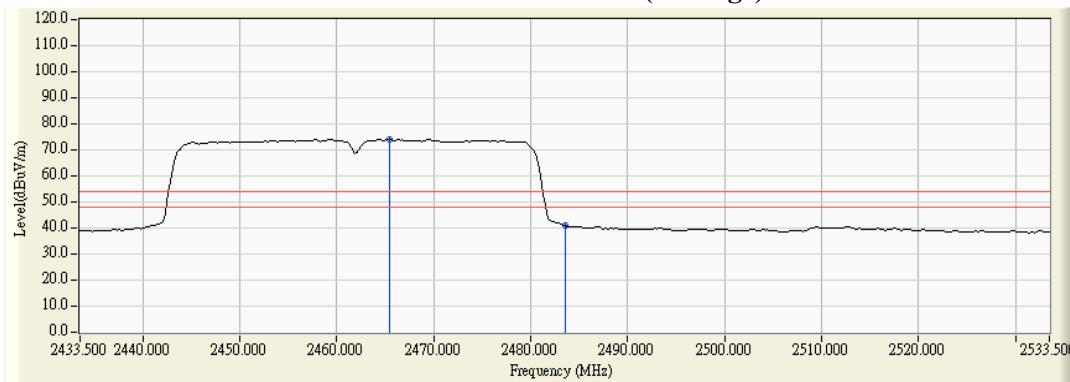
**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2472.341	7.031	76.447	83.478	--	--	--
11 (Peak)	2483.500	7.110	52.691	59.801	74.00	54.00	Pass
11 (Peak)	2505.384	7.178	52.968	60.146	74.00	54.00	Pass
11 (Average)	2465.384	6.982	67.033	74.015	--	--	--
11 (Average)	2483.500	7.110	33.751	40.861	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. “\*”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

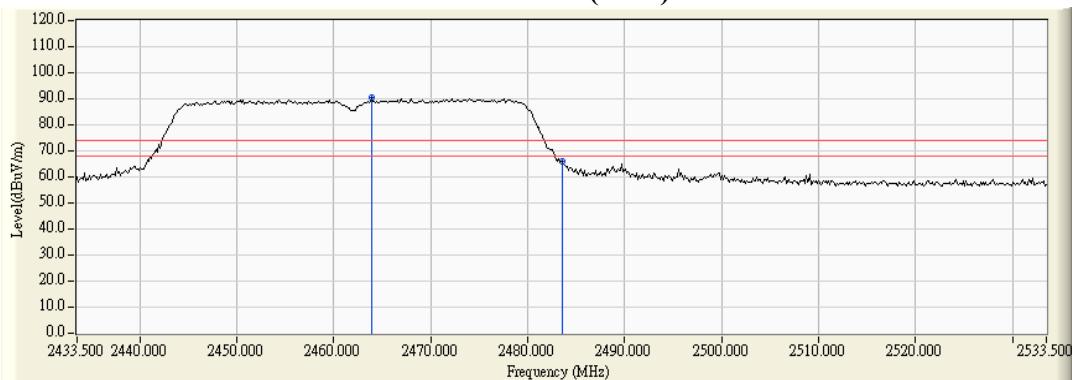
Product : Intel® Wireless-AC 9462  
 Test Item : Band Edge  
 Test Site : No.3 OATS  
 Test date : 2018/03/05  
 Test Mode : Mode 2 SISO B: Transmit (802.11n-40BW)\_15Mbps (2462MHz)

#### RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
11 (Peak)	2463.935	6.241	84.037	90.278	--	--	--
11 (Peak)	2483.500	6.363	59.592	65.955	74.00	54.00	Pass
11 (Average)	2463.645	6.239	74.385	80.625	--	--	--
11 (Average)	2483.500	6.363	37.775	44.138	74.00	54.00	Pass
11 (Average)	2484.225	6.368	37.901	44.269	74.00	54.00	Pass

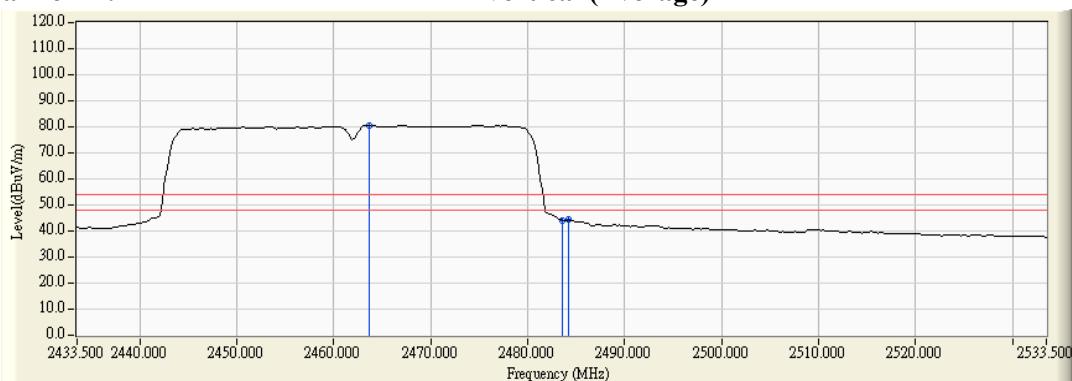
**Figure Channel 11:**

**Vertical (Peak)**



**Figure Channel 11:**

**Vertical (Average)**

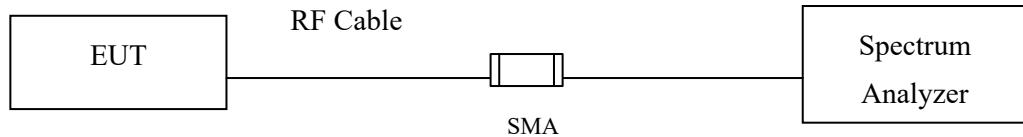


#### Note:

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

## 5. Duty Cycle

### 5.1. Test Setup



### 5.2. Test Procedure

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

### 5.3. Uncertainty

± 2.31msec

## 5.4. Test Result of Duty Cycle

Product : Intel® Wireless-AC 9462  
 Test Item : Duty Cycle  
 Test Mode : Transmit

Duty Cycle Formula:

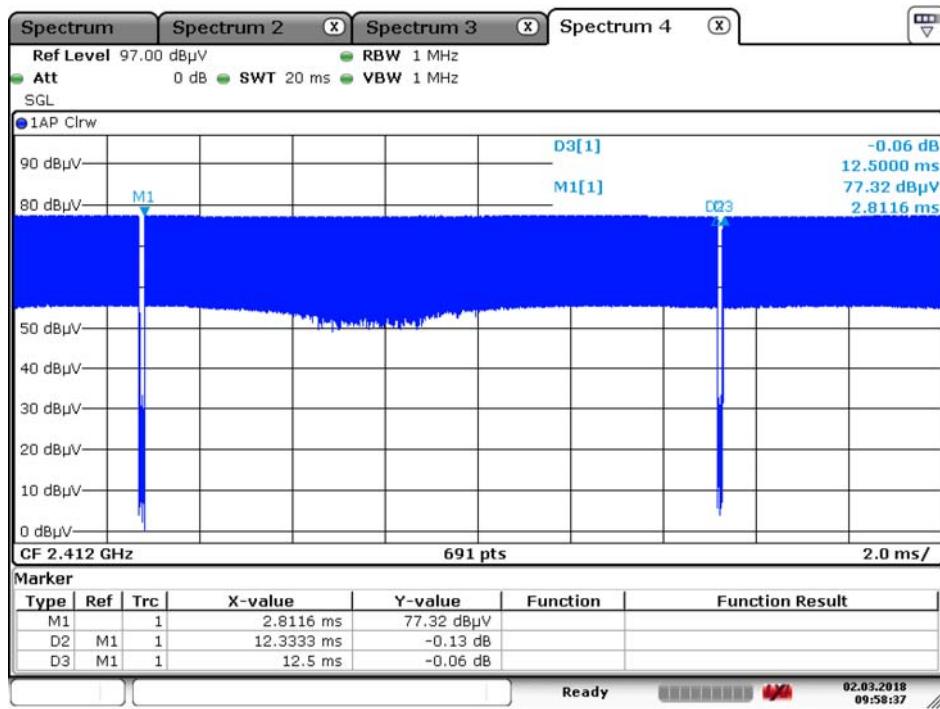
$$\text{Duty Cycle} = \text{Ton} / (\text{Ton} + \text{Toff})$$

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

Results:

2.4GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11b	12.3333	12.5000	98.6664	0.058307
802.11g	2.0362	2.1739	93.6657	0.284191
802.11n20	1.8913	2.0000	94.5650	0.242696
802.11n40	0.8913	1.1159	79.8727	0.976014

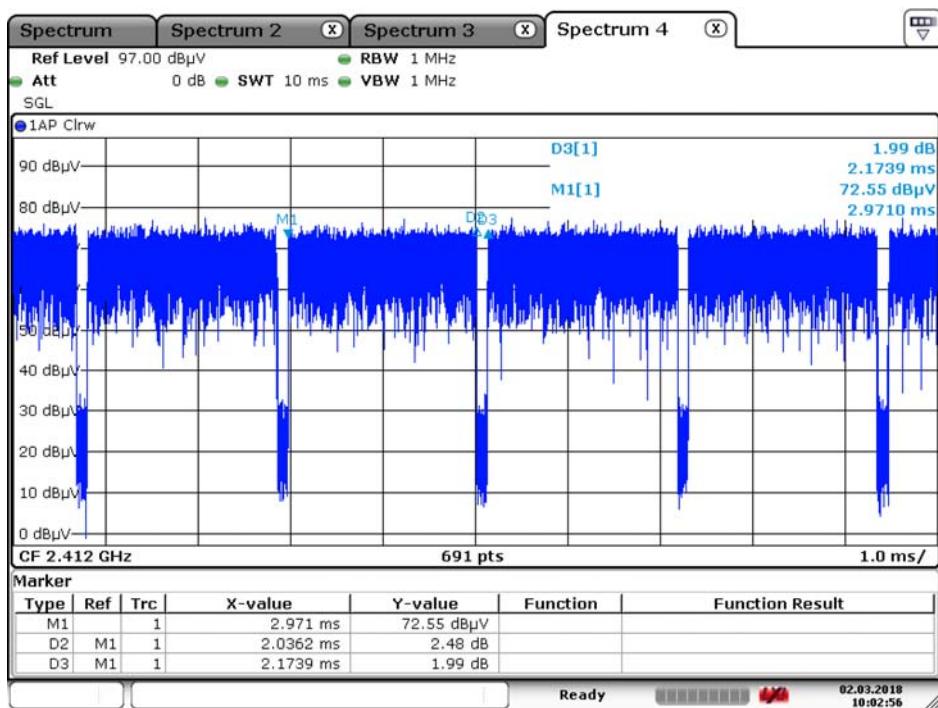
802.11b



Date: 2.MAR.2018 09:58:37

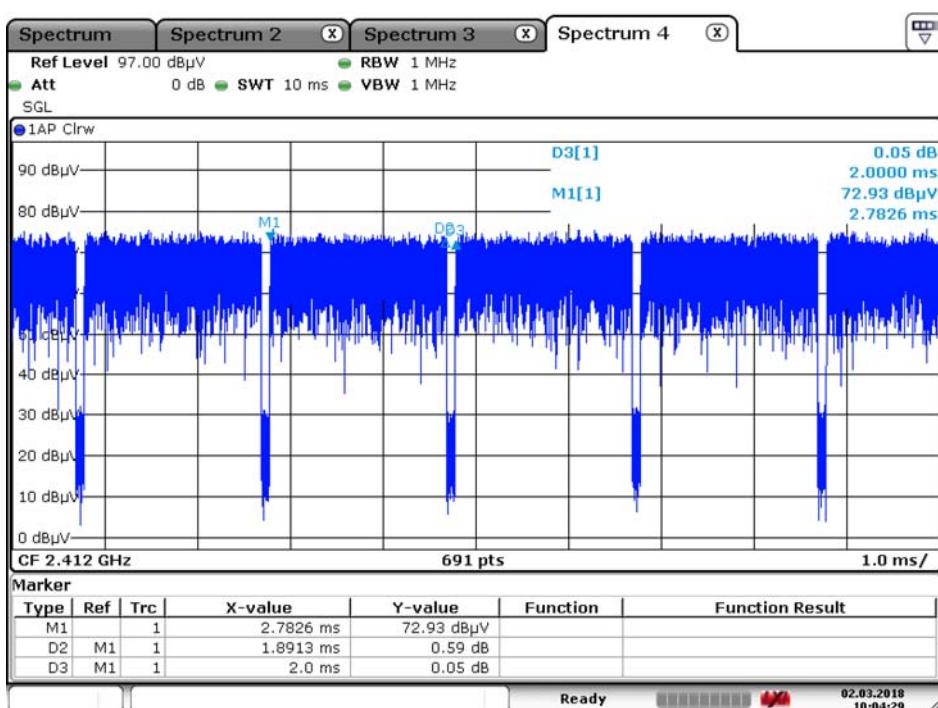
02.03.2018  
09:58:37

802.11g



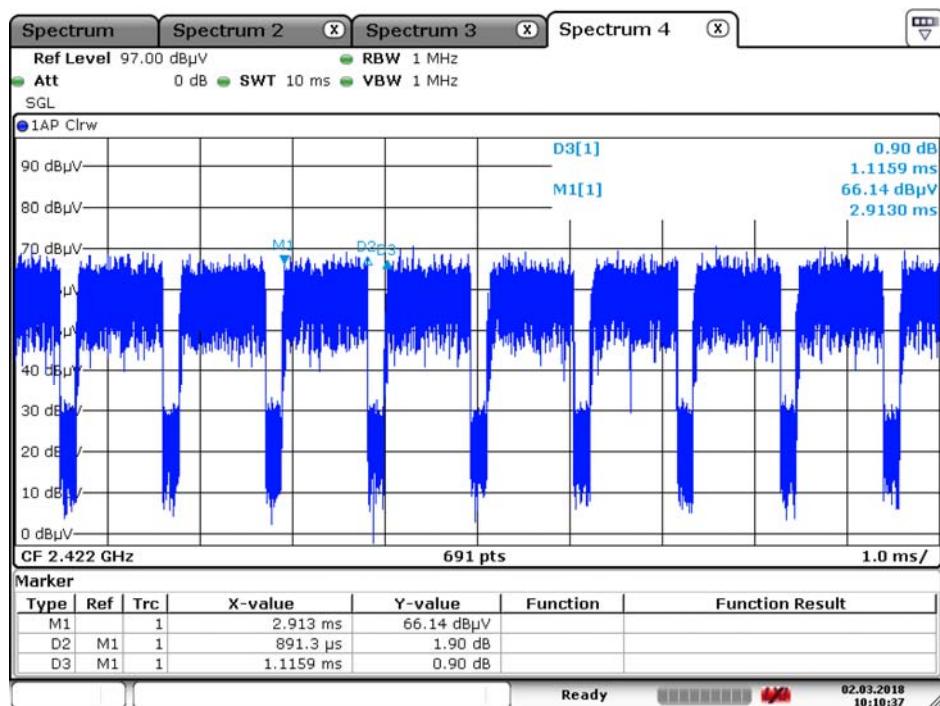
Date: 2.MAR.2018 10:02:56

802.11n20



Date: 2.MAR.2018 10:04:29

## 802.11n40



Date: 2.MAR 2018 10:10:37

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

No modification was made during testing.