

# FCC Test Report

## (Class II Permissive Change)

Product Name	Intel® Wireless-AC 9560
Model No	9560NGW
FCC ID.	2AKHF9560NG

Applicant	TONGFANG HONGKONG (SUZHOU) LIMITED
Address	No. 10 Plant, Jianwu Phase III, Western Zone, Suzhou Industrial Park, Suzhou City, Jiangsu Province, 215000 China

Date of Receipt	Sep. 24, 2019
Issue Date	Nov. 15, 2019
Report No.	1990351R-RFUSP11V00-B
Report Version	V1.0



The test results relate only to the samples tested.

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

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# Test Report

Issue Date: Nov. 15, 2019

Report No.: 1990351R-RFUSP11V00-B



Product Name	Intel® Wireless-AC 9560
Applicant	TONGFANG HONGKONG (SUZHOU) LIMITED
Address	No. 10 Plant, Jianwu Phase III, Western Zone, Suzhou Industrial Park, Suzhou City, Jiangsu Province, 215000 China
Manufacturer	INTEL CORPORATION SAS
Model No.	9560NGW
FCC ID.	2AKHF9560NG
EUT Rated Voltage	DC 3.3V
EUT Test Voltage	DC 3.3V (Power by Test Platform)
Trade Name	Intel
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C ANSI C63.4: 2014, ANSI C63.10: 2013
Test Result	Complied

Documented By :



( Senior Adm. Specialist / Joanne Lin )

Tested By :



( Senior Engineer / Steven Tsai )

Approved By :



( Director / Vincent Lin )

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## 1. GENERAL INFORMATION

### 1.1. EUT Description

Product Name	Intel® Wireless-AC 9560
Trade Name	Intel
Model No.	9560NGW
FCC ID.	2AKHF9560NG
Frequency Range	2412-2472MHz for 802.11b/g/n-20BW, 2422-2462MHz for 802.11n-40BW
Number of Channels	802.11b/g/n-20MHz: 13, 802.11n-40MHz: 9
Data Speed	802.11b: 1-11Mbps, 802.11g: 6-54Mbps, 802.11n: up to 300Mbps
Channel separation	802.11b/g/n: 5 MHz
Type of Modulation	802.11b: DSSS (DBPSK, DQPSK, CCK) 802.11g/n: OFDM (BPSK, QPSK, 16QAM, 64QAM)
Antenna Type	PIFA Antenna
Antenna Gain	Refer to the table "Antenna List"
Channel Control	Auto
Test Platform	Product name: Notebook PC Brand: TONGFANG Model number: GK5CP5Y;GK5CP6Y;GK5CP0Y;GK5CP7Y;GK5CR0Y
Power Adapter	MFR: Chicony, M/N: A17-230P1A Input: AC 100-240V, 50-60Hz, 3.5A Output: DC 19.5V, 11.8A Cable Out: Non-shielded, 1.1m with two ferrite core bonded.

#### Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	Auden	ANTRG5Y119-1801(Main) ANTRG5Y119-1802(Aux)	PIFA Antenna	5.45dBi for 2.4GHz

Note: The antenna of EUT is conforming 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 Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
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						

Note:

1. The EUT is a Intel® Wireless-AC 9560 with a built-in WLAN (802.11a/b/g/n/ac) with Bluetooth (5.0 and V3.0+HS, V2.1+EDR) transceiver, this report for 2.4GHz 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. At result of pretests, module supports dual-channel transmission, only the worst case is shown in the report. (802.11b is chain B(Main port), 802.11g is chain B(Main port), 802.11n is chain A+B(AUX +Main port))
5. These tests are conducted on a sample for the purpose of demonstrating compliance of transmitter with Part 15 Subpart C Paragraph 15.247 of spread spectrum devices.
6. This is to request a Class II permissive change for FCC ID: 2AKHF9560NG, originally granted on 03/16/2018.

The major change filed under this application is:

Change #1: Additional Chassis is added, Product name: Notebook PC, Brand: TONGFANG,

Model number: GK5CP5Y;GK5CP6Y;GK5CP0Y;GK5CP7Y;GK5CR0Y.

All models are listed as below:

Brand	Model No.	GPU (NVIDIA)	Difference
TONGFANG	GK5CP5Y	N18P-G0	All models are electrically identical and different model names are used to distinguish between different GPU specifications.
	GK5CP6Y	N18E-G0	
	GK5CR0Y	N18E-G1	
	GK5CP0Y	N18E-G1	
	GK5CP7Y	N18E-G2	

#2: Reduce the Output Power through firmware, and SAR measurement were evaluated.  
(Only reduce Wi-Fi Output Power, Bluetooth Output Power haven't changes).

#3: Addition an antenna, the antenna type is same, the antenna gain is higher than the original application.

Test Mode:	Mode 1: Transmit (802.11b 1Mbps)
	Mode 2: Transmit (802.11g 6Mbps)
	Mode 3: Transmit (802.11n-20MBW 14.4Mbps)
	Mode 4: Transmit (802.11n-40MBW 30Mbps)
	Mode 5: Transmit

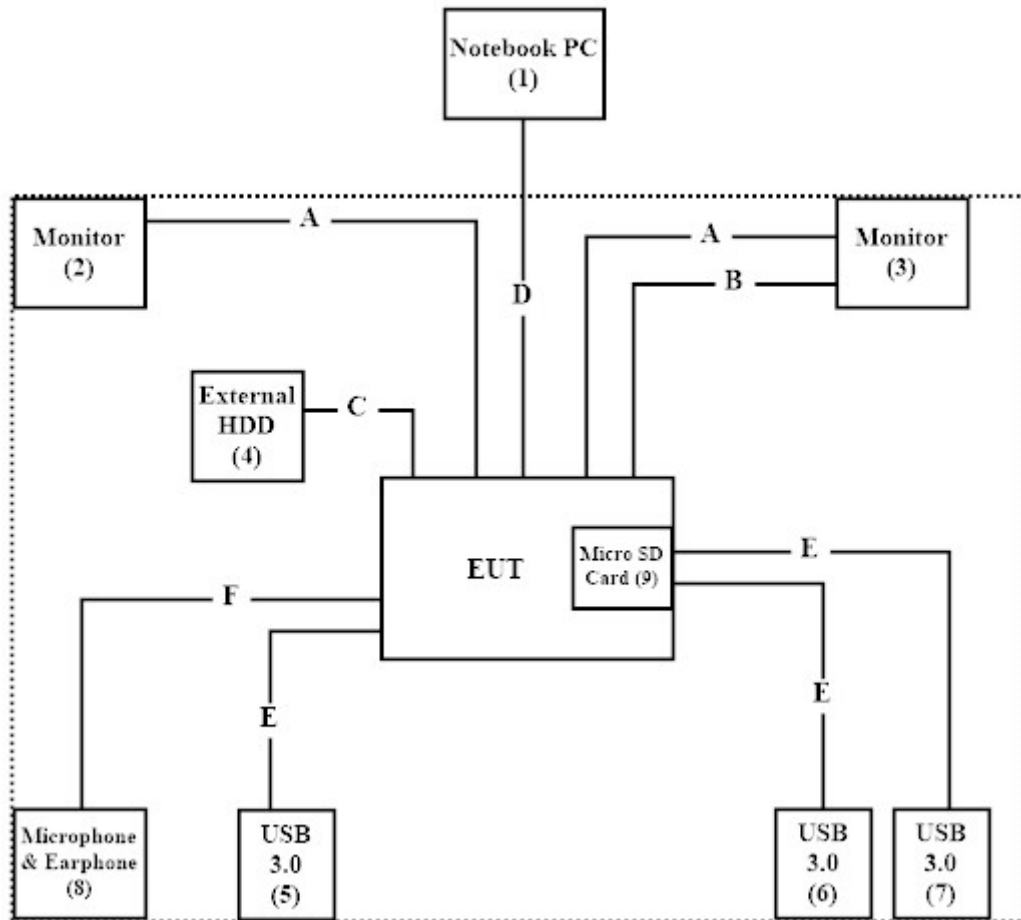
### 1.3. Tested System Details

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	P62G	CY9FJC2	Non-Shielded, 1.8m
2	Monitor	DELL	P2314H	CN-0G9D5T-74445-62 0-295S-A01	Non-Shielded, 1.8m
3	Monitor	DELL	S2817Qt	CN-0GD45P-74445-6C R-002M-A01	Non-Shielded, 1.8m
4	External HDD	SanDisk	SabDisk Extreme 900	N/A	N/A
5	USB 3.0	Transcend	TS1TSJ25M3	D468623809	N/A
6	USB 3.0	Transcend	TS1TSJ25M3	D468623808	N/A
7	USB 3.0	Transcend	TS1TSJ25M3	D468623807	N/A
8	Microphone & Earphone	Lenovo	P830	N/A	N/A
9	Micro SD Card	Transcend	8GB	N/A	N/A

Signal Cable Type	Signal cable Description	
A	Display Cable	Shielded, 1.8m, two PCS.
B	HDMI Cable	Shielded, 1.8m
C	USB Cable	Shielded, 0.5m
D	LAN Cable	Non-shielded, 3m
E	USB Cable	Shielded, 0.4m, three PCS.
F	Microphone & Earphone Cable	Non-shielded, 2m

#### 1.4. Configuration of Tested System



#### 1.5. EUT Exercise Software

1. Setup the EUT as shown in Section 1.4.
2. Execute software “DRTU 11.1923.0-09721” on the EUT.
3. Configure the test mode, the test channel, and the data rate.
4. Press “OK” to start the continuous Transmit.
5. Verify that the EUT works properly.



## 1.6. Test Facility

Ambient conditions in the laboratory:

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

**USA : FCC Registration Number: TW0023**

**Canada : IC Registration Number: 4075A**

Site Description : Accredited by TAF  
: Accredited Number: 3023

Test Laboratory : DEKRA Testing and Certification Co., Ltd.  
Address : No.159, Sec. 2, Wenhua 1st Rd., Linkou Dist.,  
New Taipei City 24457, Taiwan, R.O.C.

Phone number : 886-2-2602-7968

Fax number : 866-2-2602-3286

Email address : [info.tw@dekra.com](mailto:info.tw@dekra.com)

Website : <http://www.dekra.com.tw>

## 1.7. List of Test Item and Equipment

### For Conduction measurements /ASR1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	EMI Test Receiver	R&S	ESR7	101601	2019.05.13	2020.05.12
X	Two-Line V-Network	R&S	ENV216	101306	2019.03.11	2020.03.10
X	Two-Line V-Network	R&S	ENV216	101307	2019.04.03	2020.04.02
X	Coaxial Cable	Quietek	RG400_BNC	RF001	2019.05.24	2020.05.23

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 System V2.1.113.

### For Conducted measurements /ASR2

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Spectrum Analyzer	R&S	FSV30	103466	2018.12.22	2019.12.21
X	Peak Power Analyzer	KEYSIGHT	8900B	MY51000539	2019.06.27	2020.06.26
X	Power Sensor	KEYSIGHT	N1923A	MY59240002	2019.06.27	2020.06.26
X	Power Sensor	KEYSIGHT	N1923A	MY59240003	2019.06.27	2020.06.26
	Bluetooth Tester	R&S	CBT	101238	2019.01.21	2020.01.20

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 : DEKRA Conduction Test System V9.0.5.

### For Radiated measurements /ACB1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Loop Antenna	AMETEK	HLA6121	49611	2019.02.22	2020.02.21
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-674	2019.04.23	2020.04.22
X	Horn Antenna	ETS-Lindgren	3117	00203800	2018.12.11	2019.12.10
X	Horn Antenna	Com-Power	AH-840	101087	2019.05.30	2020.05.29
X	Pre-Amplifier	EMCI	EMC001330	980316	2019.06.14	2020.06.13
X	Pre-Amplifier	EMCI	EMC051835SE	980311	2019.06.13	2020.06.12
X	Pre-Amplifier	EMCI	EMC05820SE	980310	2019.06.24	2020.06.23
X	Pre-Amplifier	EMCI	EMC184045SE	980314	2019.05.28	2020.05.27
X	Filter	MICRO TRONICS	BRM50702	G251	2019.09.03	2020.09.02
	Filter	MICRO TRONICS	BRM50716	G188	2019.09.03	2020.09.02
X	EMI Test Receiver	R&S	ESR7	101602	2018.12.17	2019.12.16
X	Spectrum Analyzer	R&S	FSV40	101148	2019.02.20	2020.02.19
X	Coaxial Cable	SUHNER	SUCOFLEX 106	RF002	2019.05.25	2020.05.24
X	Mircoflex Cable	HUBER SUHNER	SUCOFLEX 102	MY3381/2	2019.05.28	2020.05.27

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 System V2.1.113.

## 1.8. Uncertainty

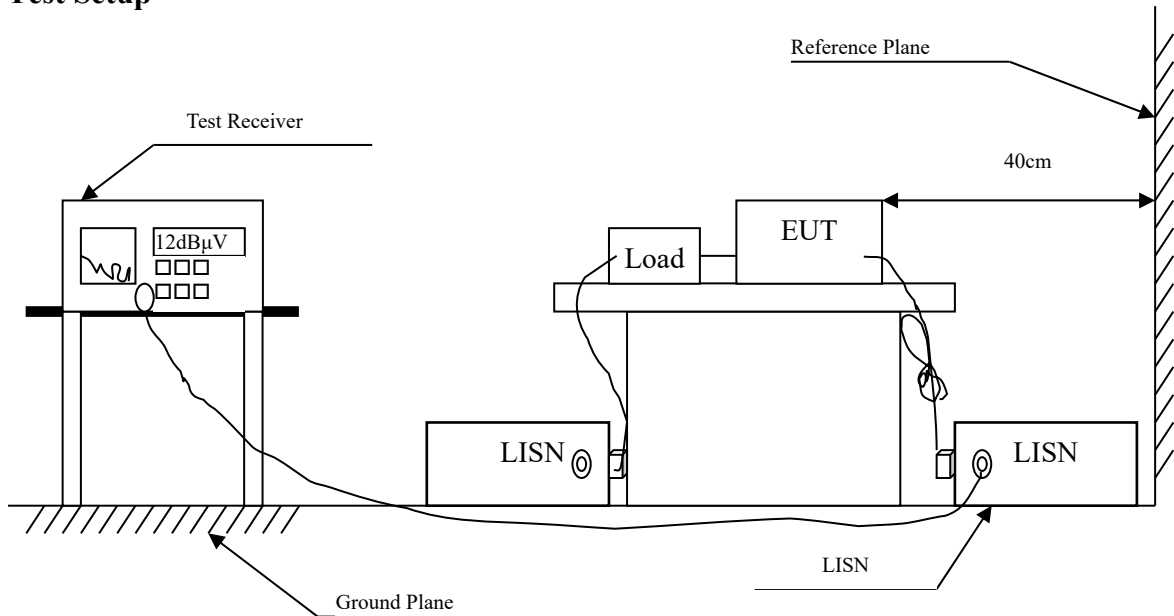
Uncertainties have been calculated according to the DEKRA internal document, and is described in each test chapter of this report.

The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95%.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

## 2. Conducted Emission

### 2.1. Test Setup



### 2.2. Limits

FCC Part 15 Subpart C Paragraph 15.207 (dB $\mu$ V) Limit		
Frequency MHz	Limits	
	QP	AVG
0.15 - 0.50	66-56	56-46
0.50-5.0	56	46
5.0 - 30	60	50

### 2.3. Test Procedure

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

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2014 on conducted measurement.

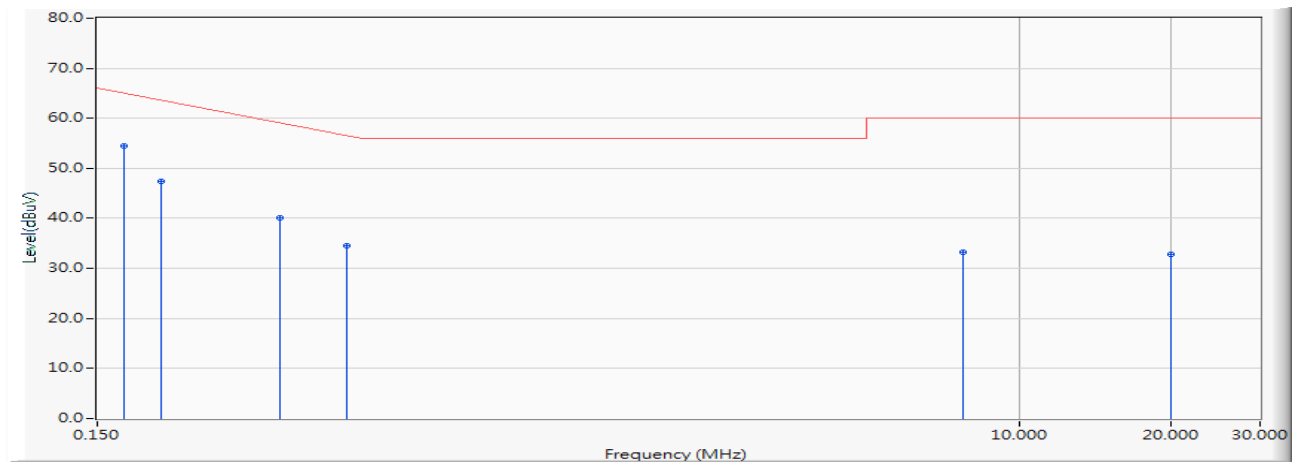
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

### 2.4. Uncertainty

$\pm 2.35$  dB

### 2.5. Test Result of Conducted Emission

Product : Intel® Wireless-AC 9560  
 Test Item : Conducted Emission Test  
 Power Line : Line 1  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2442MHz)  
 Test Date : 2019/10/23

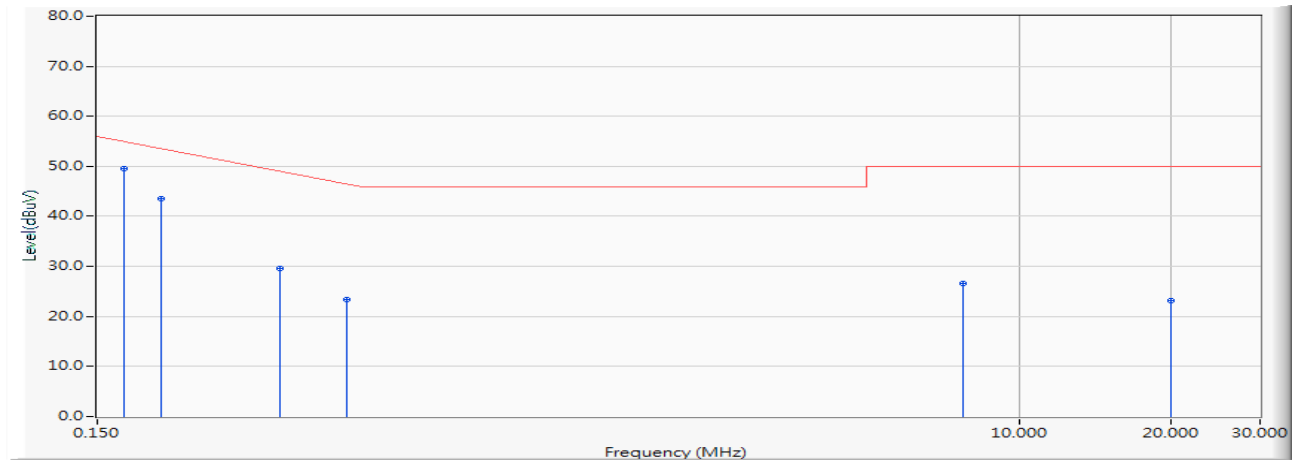


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV)	Margin (dB)	Limit (dBµV)	Detector Type
1	*	0.170	9.636	44.853	54.489	-10.940	65.429	QUASIPeAK
2		0.200	9.630	37.737	47.367	-17.204	64.571	QUASIPeAK
3		0.344	9.640	30.544	40.184	-20.273	60.457	QUASIPeAK
4		0.469	9.650	24.942	34.592	-22.294	56.886	QUASIPeAK
5		7.775	9.830	23.398	33.228	-26.772	60.000	QUASIPeAK
6		19.945	9.970	22.875	32.845	-27.155	60.000	QUASIPeAK

Note:

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

Product : Intel® Wireless-AC 9560  
 Test Item : Conducted Emission Test  
 Power Line : Line 1  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2442MHz)  
 Test Date : 2019/10/23

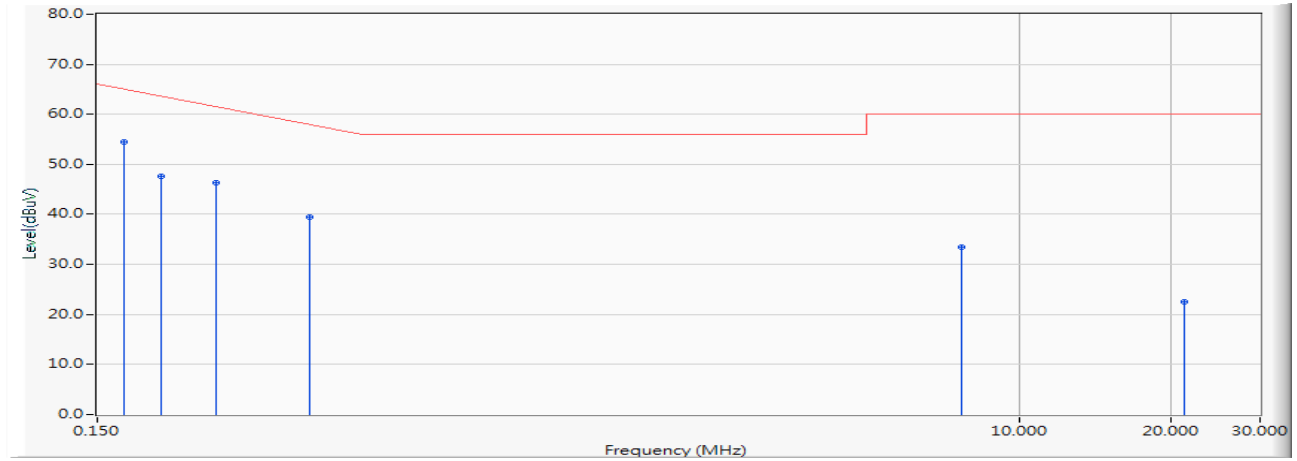


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV)	Margin (dB)	Limit (dBµV)	Detector Type
1	*	0.170	9.636	39.818	49.454	-5.975	55.429	AVERAGE
2		0.200	9.630	33.813	43.443	-11.128	54.571	AVERAGE
3		0.344	9.640	19.983	29.623	-20.834	50.457	AVERAGE
4		0.469	9.650	13.762	23.412	-23.474	46.886	AVERAGE
5		7.775	9.830	16.686	26.516	-23.484	50.000	AVERAGE
6		19.945	9.970	13.122	23.092	-26.908	50.000	AVERAGE

Note:

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

Product : Intel® Wireless-AC 9560  
 Test Item : Conducted Emission Test  
 Power Line : Line 2  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2442MHz)  
 Test Date : 2019/10/23

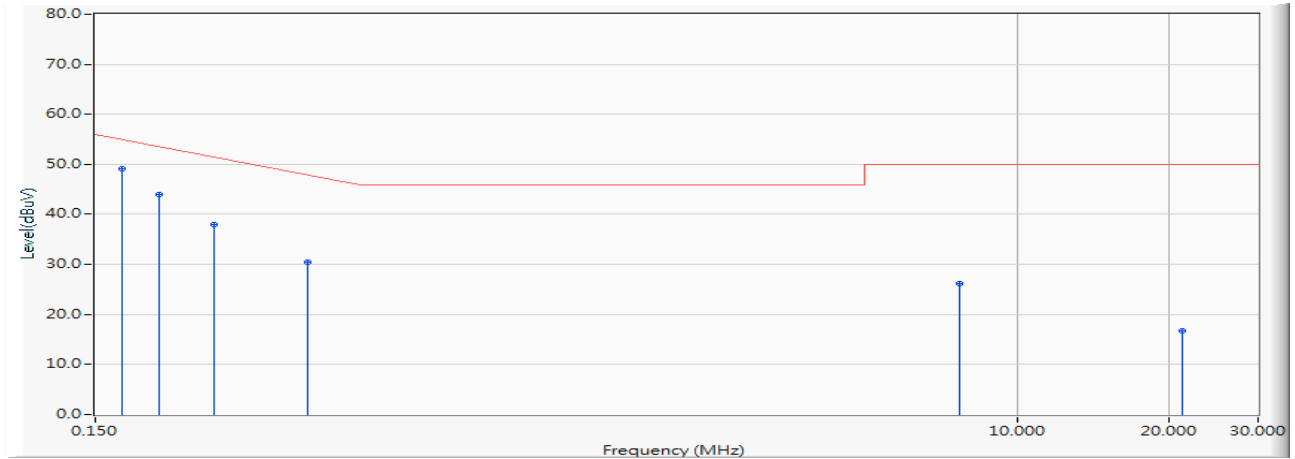


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV)	Margin (dB)	Limit (dBµV)	Detector Type
1	*	0.170	9.650	44.848	54.498	-10.931	65.429	QUASIPeAK
2		0.200	9.650	38.054	47.704	-16.867	64.571	QUASIPeAK
3		0.258	9.660	36.644	46.304	-16.610	62.914	QUASIPeAK
4		0.395	9.652	29.731	39.383	-19.617	59.000	QUASIPeAK
5		7.715	9.850	23.584	33.434	-26.566	60.000	QUASIPeAK
6		21.197	10.060	12.434	22.494	-37.506	60.000	QUASIPeAK

Note:

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

Product : Intel® Wireless-AC 9560  
 Test Item : Conducted Emission Test  
 Power Line : Line 2  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2442MHz)  
 Test Date : 2019/10/23



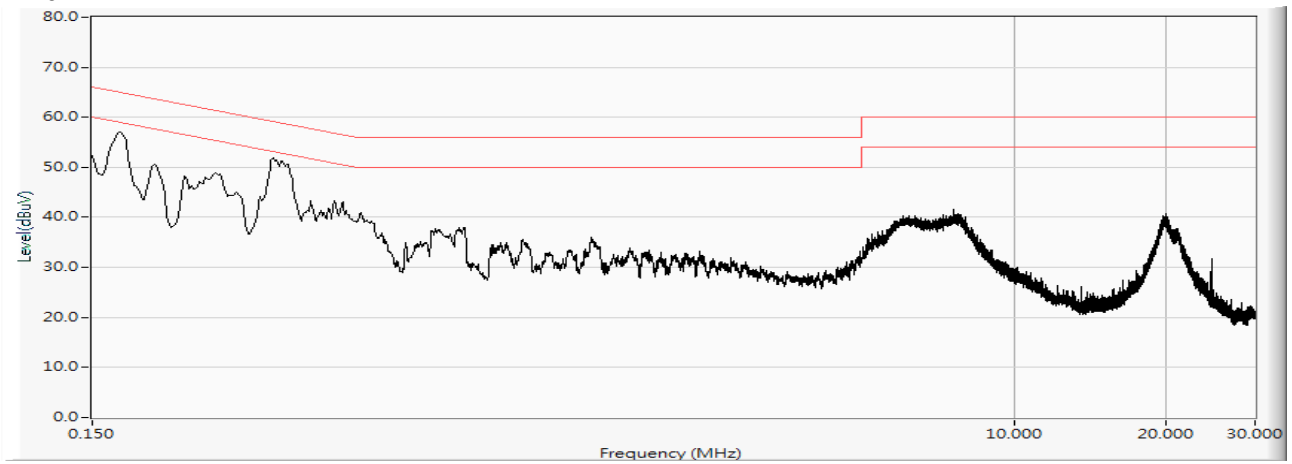
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV)	Margin (dB)	Limit (dBµV)	Detector Type
1	*	0.170	9.650	39.530	49.180	-6.249	55.429	AVERAGE
2		0.200	9.650	34.213	43.863	-10.708	54.571	AVERAGE
3		0.258	9.660	28.334	37.994	-14.920	52.914	AVERAGE
4		0.395	9.652	20.840	30.492	-18.508	49.000	AVERAGE
5		7.715	9.850	16.318	26.168	-23.832	50.000	AVERAGE
6		21.197	10.060	6.728	16.788	-33.212	50.000	AVERAGE

Note:

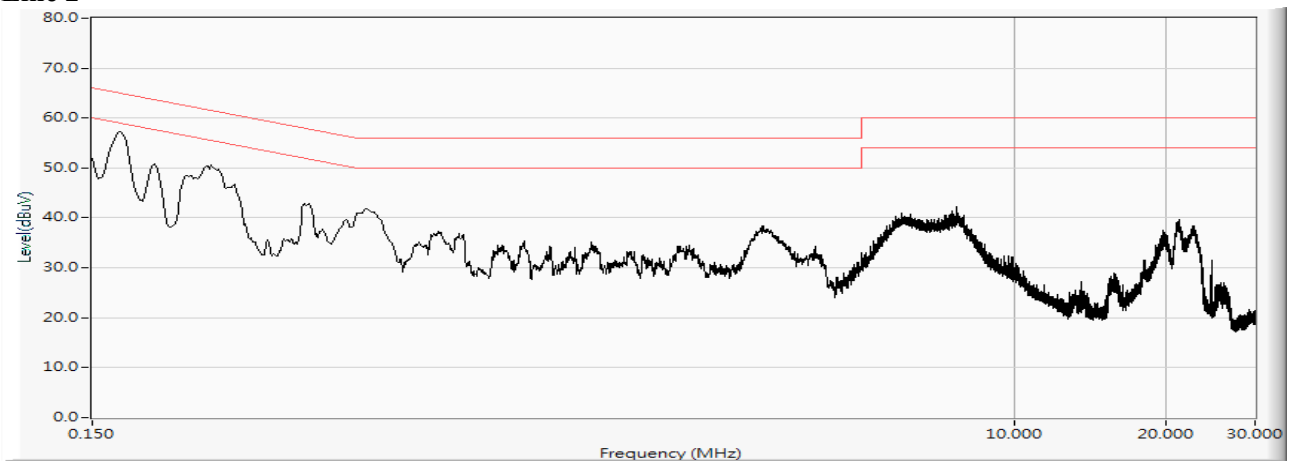
1. All Reading Levels are Quasi-Peak and average value.
2. “ \* “ means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



**Line 1**

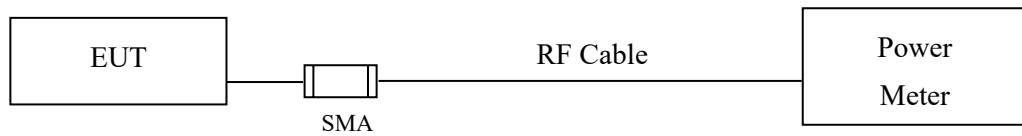


**Line 2**



### 3. Peak Power Output

#### 3.1. Test Setup



#### 3.2. Limits

The maximum peak power shall be less 1 Watt.

#### 3.3. Test Procedure

The EUT was tested according to C63.10:2013 for compliance to FCC 47CFR 15.247 requirements. The maximum peak conducted output power using C63.10:2013 Section 11.9.1.3 PKPM1 Peak power meter method. The maximum average conducted output power using C63.10:2013 Section 11.9.2.3 Measurement using a power meter (PM). (Measurement using a gated RF average-reading power meter).

#### 3.4. Uncertainty

$\pm 0.86$  dB

### 3.5. Test Result of Peak Power Output

Product : Intel® Wireless-AC 9560  
 Test Item : Peak Power Output Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps)  
 Test Date : 2019/10/23

#### Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)				Peak Power	Required Limit	Result
		1	2	5.5	11			
		Measurement Level (dBm)						
01	2412	19.56	--	--	--	21.86	<30dBm	Pass
07	2442	20.89	20.85	20.81	20.77	22.82	<30dBm	Pass
11	2462	19.46	--	--	--	21.93	<30dBm	Pass
12	2467	17.59	--	--	--	19.84	<30dBm	Pass
13	2472	15.22	--	--	--	17.94	<30dBm	Pass

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

#### Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)				Peak Power	Required Limit	Result
		1	2	5.5	11			
		Measurement Level (dBm)						
01	2412	19.78	--	--	--	22.04	<30dBm	Pass
07	2442	20.91	20.86	20.81	20.77	22.87	<30dBm	Pass
11	2462	19.48	--	--	--	21.97	<30dBm	Pass
12	2467	17.63	--	--	--	19.89	<30dBm	Pass
13	2472	15.28	--	--	--	17.98	<30dBm	Pass

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

Product : Intel® Wireless-AC 9560  
 Test Item : Peak Power Output Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps)  
 Test Date : 2019/10/23

**Chain A**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		6	9	12	18	24	36	48	54	6		
		Measurement Level (dBm)										
01	2412	16.84	--	--	--	--	--	--	--	21.05	<30dBm	Pass
07	2442	20.91	20.86	20.81	20.77	20.73	20.69	20.64	20.59	23.61	<30dBm	Pass
11	2462	16.74	--	--	--	--	--	--	--	21.41	<30dBm	Pass
12	2467	13.3	--	--	--	--	--	--	--	18.06	<30dBm	Pass
13	2472	-6.15	--	--	--	--	--	--	--	-0.13	<30dBm	Pass

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

**Chain B**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		6	9	12	18	24	36	48	54	6		
		Measurement Level (dBm)										
01	2412	16.95	--	--	--	--	--	--	--	21.33	<30dBm	Pass
07	2442	20.92	20.87	20.82	20.77	20.72	20.68	20.63	20.59	23.67	<30dBm	Pass
11	2462	16.89	--	--	--	--	--	--	--	21.61	<30dBm	Pass
12	2467	13.31	--	--	--	--	--	--	--	18.13	<30dBm	Pass
13	2472	-6.11	--	--	--	--	--	--	--	-0.05	<30dBm	Pass

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

Product : Intel® Wireless-AC 9560  
 Test Item : Peak Power Output Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps)  
 Test Date : 2019/10/23

**Chain A**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4			
		Measurement Level (dBm)										
01	2412	15.81	--	--	--	--	--	--	--	20.65	<30dBm	Pass
07	2442	17.38	17.33	17.29	17.24	17.19	17.13	17.08	17.03	22.09	<30dBm	Pass
11	2462	15.52	--	--	--	--	--	--	--	20.66	<30dBm	Pass
12	2467	12.76	--	--	--	--	--	--	--	17.89	<30dBm	Pass
13	2472	-8.11	--	--	--	--	--	--	--	-2.31	<30dBm	Pass

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

**Chain B**

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit	Result
		14.4	28.9	43.3	57.8	86.7	115.6	130	144.4			
		Measurement Level (dBm)										
01	2412	15.47	--	--	--	--	--	--	--	20.01	<30dBm	Pass
07	2442	17.11	17.06	17.02	16.97	16.94	16.89	16.82	16.77	21.68	<30dBm	Pass
11	2462	15.94	--	--	--	--	--	--	--	20.94	<30dBm	Pass
12	2467	12.65	--	--	--	--	--	--	--	17.49	<30dBm	Pass
13	2472	-8.31	--	--	--	--	--	--	--	-2.47	<30dBm	Pass

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

**Chain A+B**

Channel	Frequency (MHz)	Data Rate (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Peak Power Output (dBm)	Limit (dBm)	Result
01	2412	14.4	20.65	20.01	23.35	<30dBm	Pass
07	2442	14.4	22.09	21.68	24.90	<30dBm	Pass
11	2462	14.4	20.66	20.94	23.81	<30dBm	Pass
12	2467	14.4	17.89	17.49	20.70	<30dBm	Pass
13	2472	14.4	-2.31	-2.47	0.62	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10\*LOG (Chain A (mW)+ Chain B (mW))

Product : Intel® Wireless-AC 9560  
 Test Item : Peak Power Output Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps)  
 Test Date : 2019/10/23

**Chain A**

Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power 30	Required Limit	Result
		30	60	90	120	180	240	270	300			
		Measurement Level (dBm)										
03	2422	14.02	--	--	--	--	--	--	--	19.46	<30dBm	Pass
07	2442	14.37	14.32	14.27	14.22	14.18	14.13	14.09	14.04	19.95	<30dBm	Pass
09	2452	13.73	--	--	--	--	--	--	--	19.14	<30dBm	Pass
10	2457	10.62	--	--	--	--	--	--	--	17.77	<30dBm	Pass
11	2462	1.91	--	--	--	--	--	--	--	9.37	<30dBm	Pass

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

**Chain B**

Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power 30	Required Limit	Result
		30	60	90	120	180	240	270	300			
		Measurement Level (dBm)										
03	2422	13.41	--	--	--	--	--	--	--	18.41	<30dBm	Pass
07	2442	14.04	13.99	13.94	13.88	13.85	13.81	13.76	13.71	19.04	<30dBm	Pass
09	2452	13.77	--	--	--	--	--	--	--	18.95	<30dBm	Pass
10	2457	10.1	--	--	--	--	--	--	--	16.97	<30dBm	Pass
11	2462	2.31	--	--	--	--	--	--	--	9.11	<30dBm	Pass

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

**Chain A+B**

Channel	Frequency (MHz)	Data Rate (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Peak Power Output (dBm)	Limit (dBm)	Result
03	2422	30	19.46	18.41	21.98	<30dBm	Pass
07	2442	30	19.95	19.04	22.53	<30dBm	Pass
09	2452	30	19.14	18.95	22.06	<30dBm	Pass
10	2457	30	17.77	16.97	20.40	<30dBm	Pass
11	2462	30	9.37	9.11	12.25	<30dBm	Pass

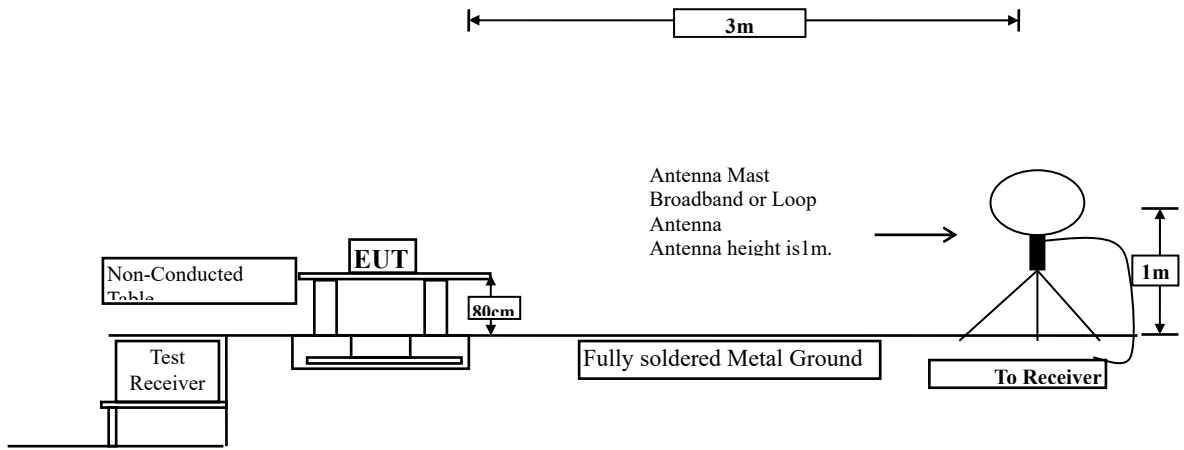
Note: Peak Power Output Value (dBm) = 10\*LOG (Chain A (mW)+ Chain B (mW))



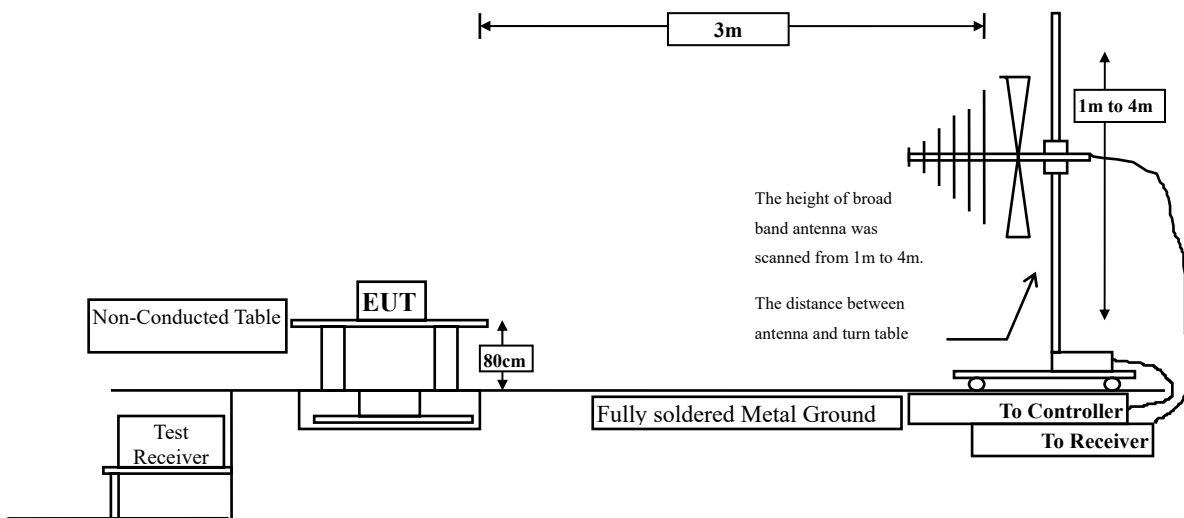
## 4. Radiated Emission

### 4.1. Test Setup

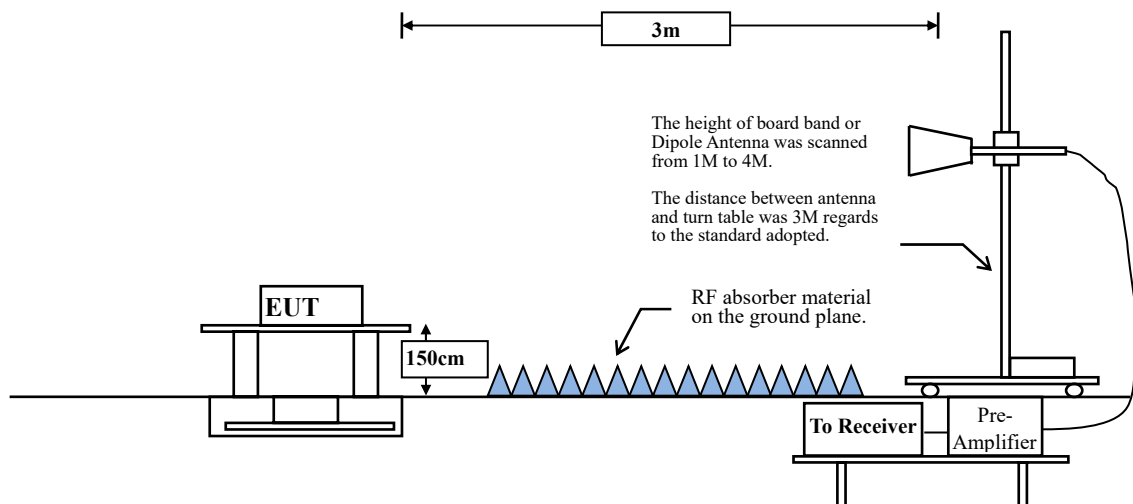
Radiated Emission Under 30MHz



Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



## 4.2. Limits

### ➤ General Radiated Emission Limits

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

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

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

### 4.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to C63.10:2013 Section 11.12.1 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 measurement frequency range from 9kHz - 10th Harmonic of fundamental was investigated.

### RBW and VBW Parameter setting:

According to C63.10 Section 11.12.2.4 Peak 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 C63.10 Section 11.12.2.5 Average 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 (Hz)	VBW (Hz)
802.11b	99.52	--	--	10
802.11g	98.56	--	--	10
802.11n20	99.31	--	--	10
802.11n40	99.67	--	--	10

Note: Duty Cycle Refer to Section 6

## 4.4. Uncertainty

Horizontal polarization :

30-300MHz:  $\pm$ 4.08dB ; 300M-1GHz:  $\pm$ 3.86dB ; 1-18GHz:  $\pm$ 3.77dB ; 18-40GHz:  $\pm$ 3.98dB

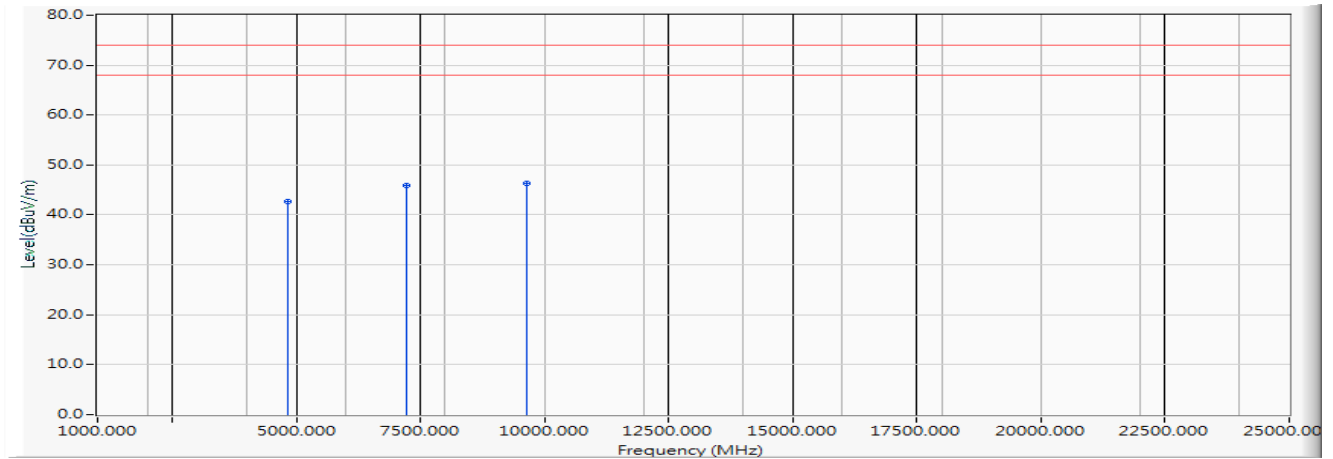
Vertical polarization :

30-300MHz:  $\pm$ 4.81dB ; 300M-1GHz:  $\pm$ 3.87dB ; 1-18GHz :  $\pm$ 3.83dB ; 18-40GHz:  $\pm$ 3.98dB

#### 4.5. Test Result of Radiated Emission

Product : Intel® Wireless-AC 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2412MHz)  
 Test Date : 2019/10/21

##### Horizontal



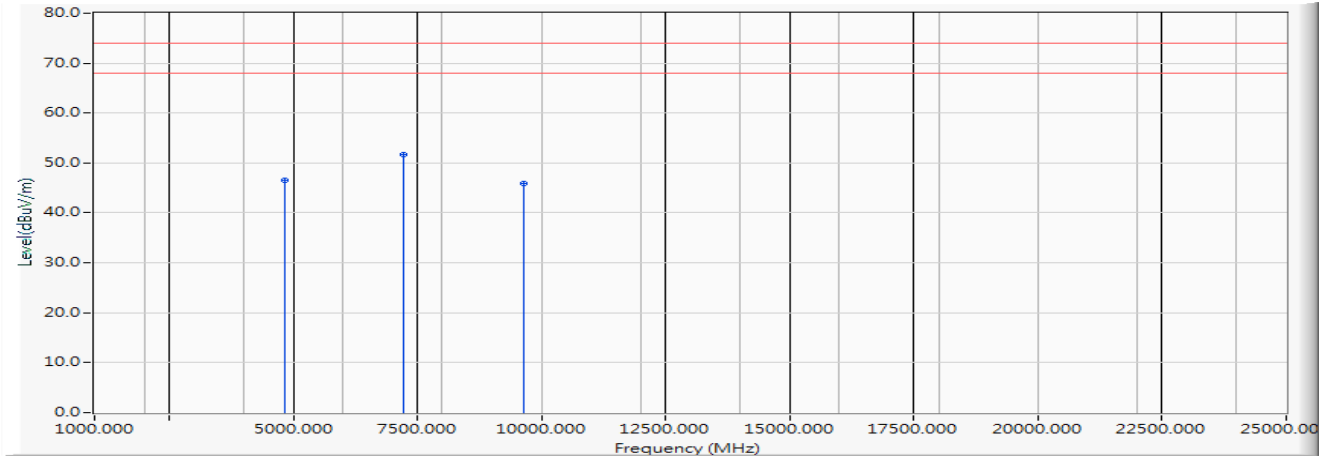
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4824.000	-6.086	48.770	42.685	-31.315	74.000	PEAK
2		7236.000	-3.033	48.990	45.957	-28.043	74.000	PEAK
3	*	9648.000	-0.680	47.110	46.430	-27.570	74.000	PEAK

##### 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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2412MHz)  
 Test Date : 2019/10/21

**Vertical**



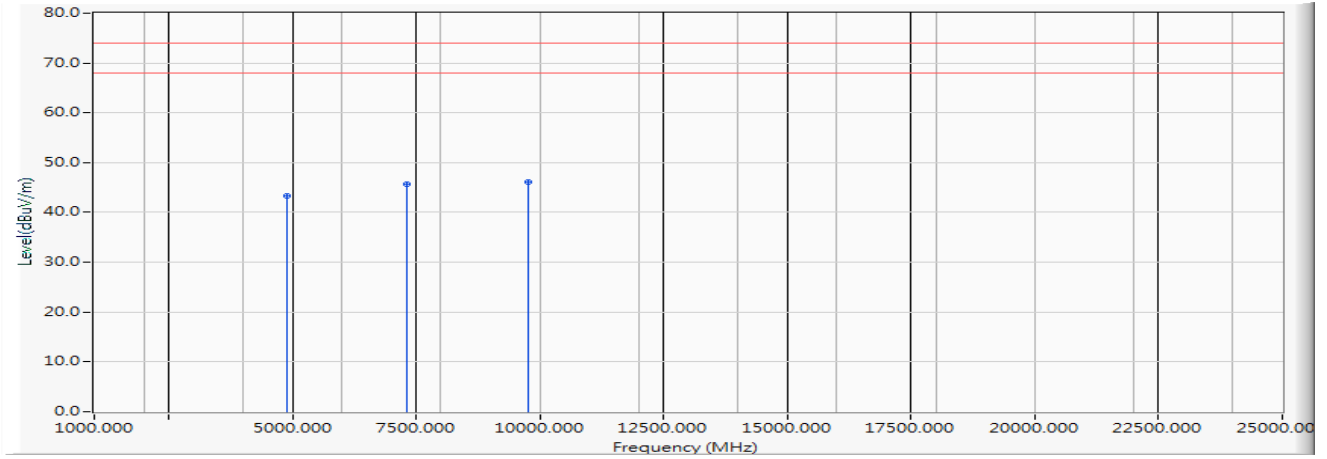
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4824.000	-6.086	52.690	46.605	-27.395	74.000	PEAK
2	*	7236.000	-3.033	54.640	51.607	-22.393	74.000	PEAK
3		9648.000	-0.680	46.670	45.990	-28.010	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2442MHz)  
 Test Date : 2019/10/21

**Horizontal**



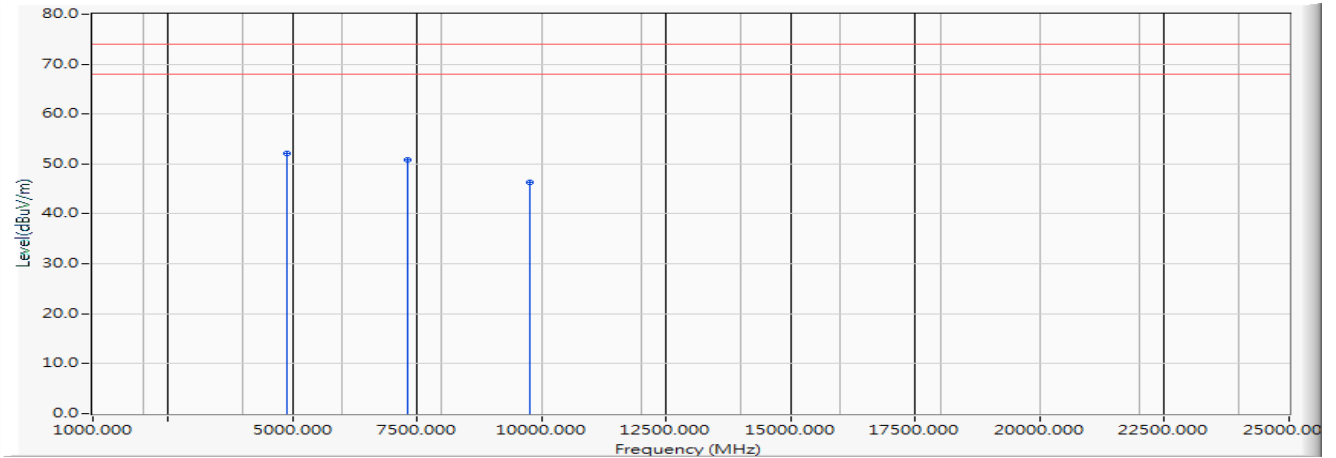
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4884.000	-6.045	49.270	43.224	-30.776	74.000	PEAK
2		7326.000	-2.948	48.530	45.582	-28.418	74.000	PEAK
3	*	9768.000	-0.482	46.630	46.148	-27.852	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2442MHz)  
 Test Date : 2019/10/21

**Vertical**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	4884.000	-6.045	58.160	52.114	-21.886	74.000	PEAK
2		7326.000	-2.948	53.810	50.862	-23.138	74.000	PEAK
3		9768.000	-0.482	46.910	46.428	-27.572	74.000	PEAK

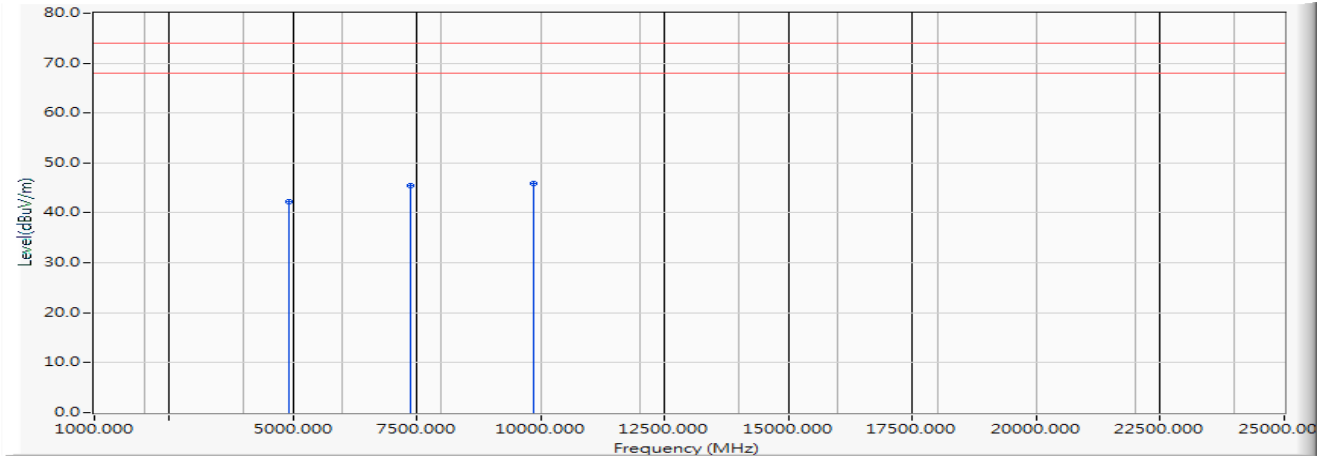
**Note:**

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2462MHz)  
 Test Date : 2019/10/21

**Horizontal**



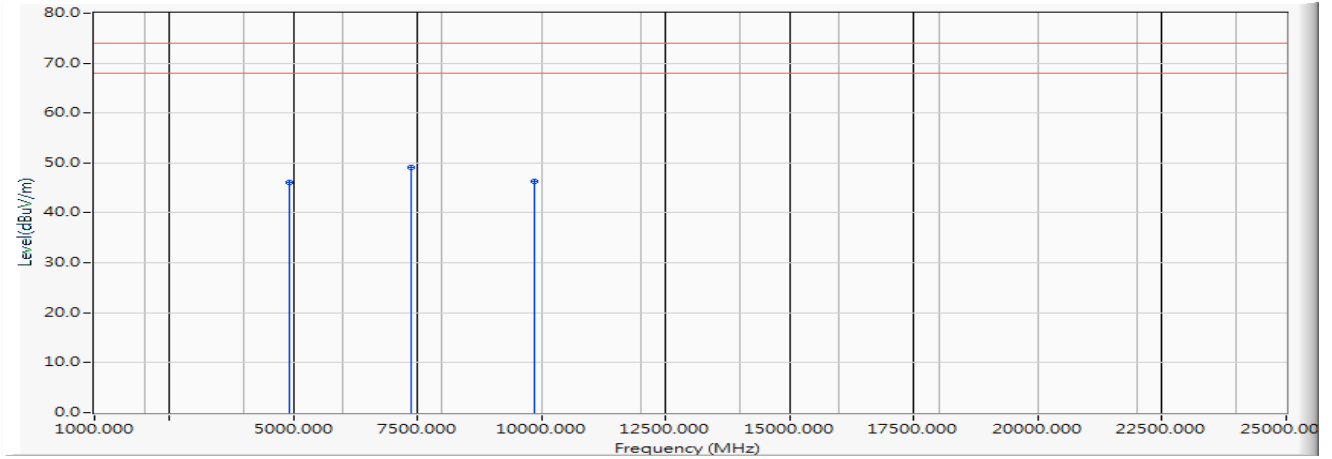
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4924.000	-6.041	48.200	42.160	-31.840	74.000	PEAK
2		7386.000	-2.861	48.260	45.398	-28.602	74.000	PEAK
3	*	9848.000	-0.399	46.250	45.851	-28.149	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2462MHz)  
 Test Date : 2019/10/21

**Vertical**



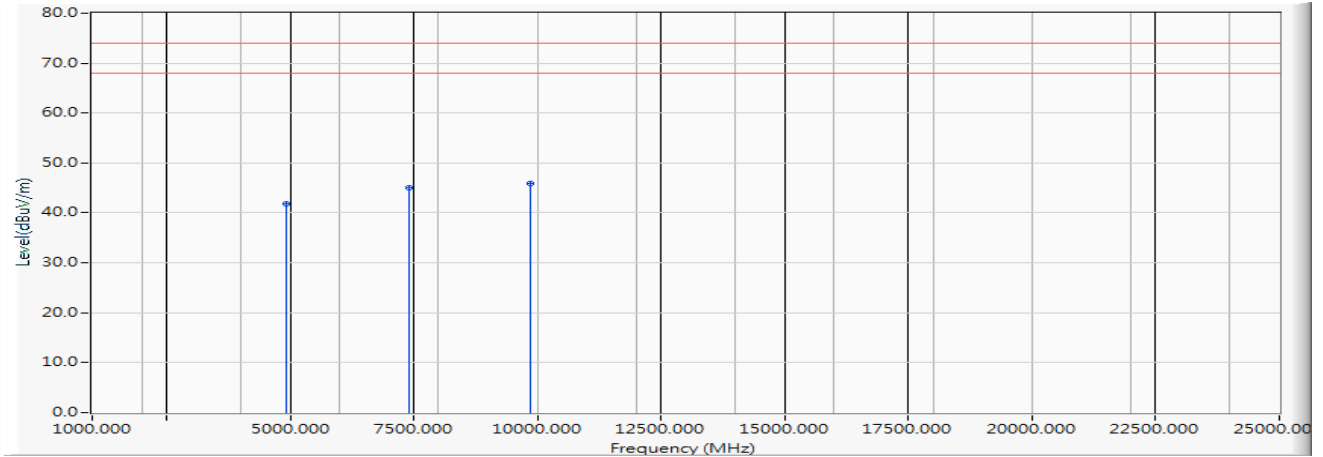
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4924.000	-6.041	52.220	46.180	-27.820	74.000	PEAK
2	*	7386.000	-2.861	51.940	49.078	-24.922	74.000	PEAK
3		9848.000	-0.399	46.660	46.261	-27.739	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2467MHz)  
 Test Date : 2019/10/21

**Horizontal**



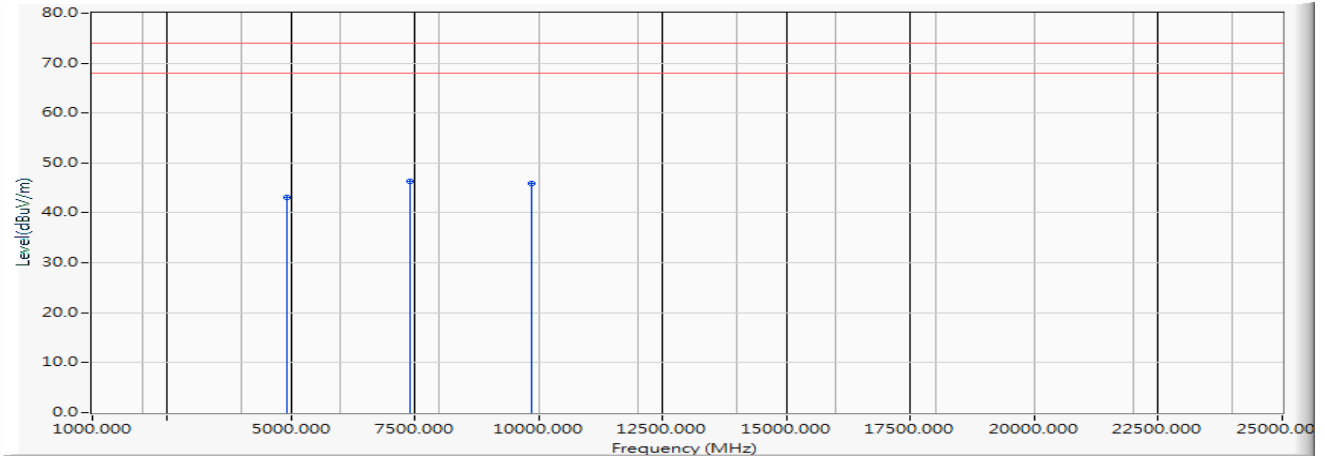
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	4934.000	-6.037	47.900	41.863	-32.137	74.000	PEAK
2	7401.000	-2.866	47.870	45.004	-28.996	74.000	PEAK
3	* 9868.000	-0.344	46.180	45.836	-28.164	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2467MHz)  
 Test Date : 2019/10/21

**Vertical**



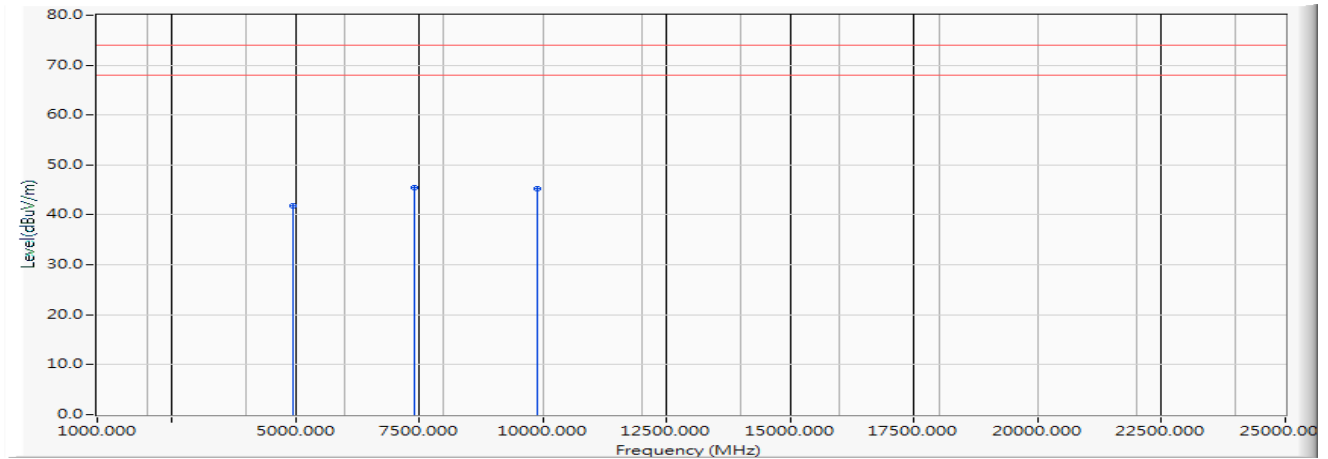
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4934.000	-6.037	49.090	43.053	-30.947	74.000	PEAK
2	*	7401.000	-2.866	49.220	46.354	-27.646	74.000	PEAK
3		9868.000	-0.344	46.180	45.836	-28.164	74.000	PEAK

**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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2472MHz)  
 Test Date : 2019/10/21

### Horizontal



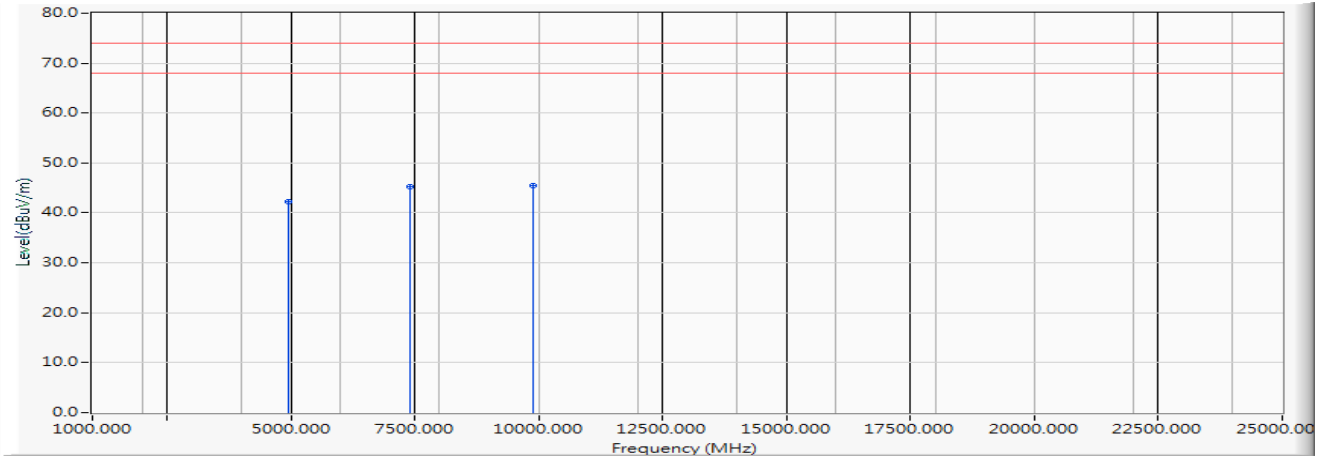
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4944.000	-6.039	47.850	41.811	-32.189	74.000	PEAK
2	*	7416.000	-2.853	48.270	45.418	-28.582	74.000	PEAK
3		9888.000	-0.283	45.640	45.357	-28.643	74.000	PEAK

#### 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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2472MHz)  
 Test Date : 2019/10/21

**Vertical**



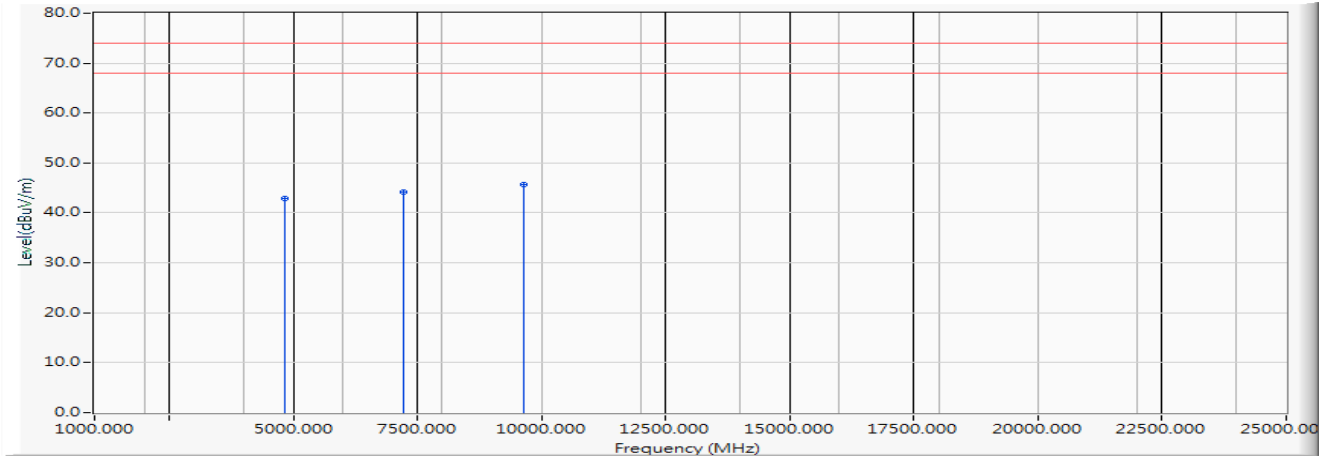
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	4944.000	-6.039	48.270	42.231	-31.769	74.000	PEAK
2	7416.000	-2.853	48.120	45.268	-28.732	74.000	PEAK
3	* 9888.000	-0.283	45.800	45.517	-28.483	74.000	PEAK

**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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2412MHz)  
 Test Date : 2019/10/21

**Horizontal**



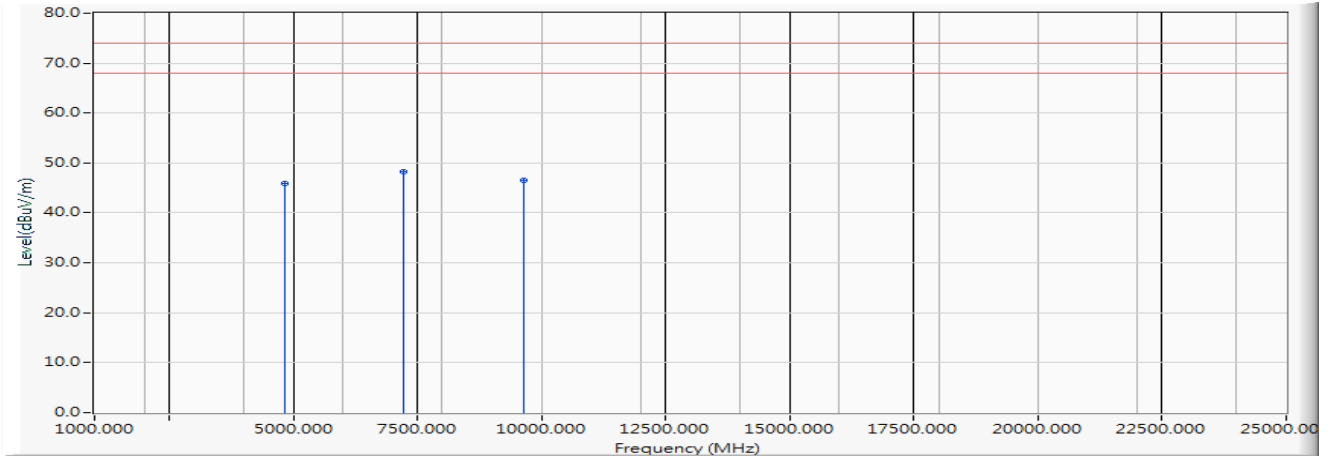
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4824.000	-6.086	48.960	42.875	-31.125	74.000	PEAK
2		7236.000	-3.033	47.240	44.207	-29.793	74.000	PEAK
3	*	9648.000	-0.680	46.320	45.640	-28.360	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2412MHz)  
 Test Date : 2019/10/21

**Vertical**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4824.000	-6.086	51.950	45.865	-28.135	74.000	PEAK
2	*	7236.000	-3.033	51.250	48.217	-25.783	74.000	PEAK
3		9648.000	-0.680	47.150	46.470	-27.530	74.000	PEAK

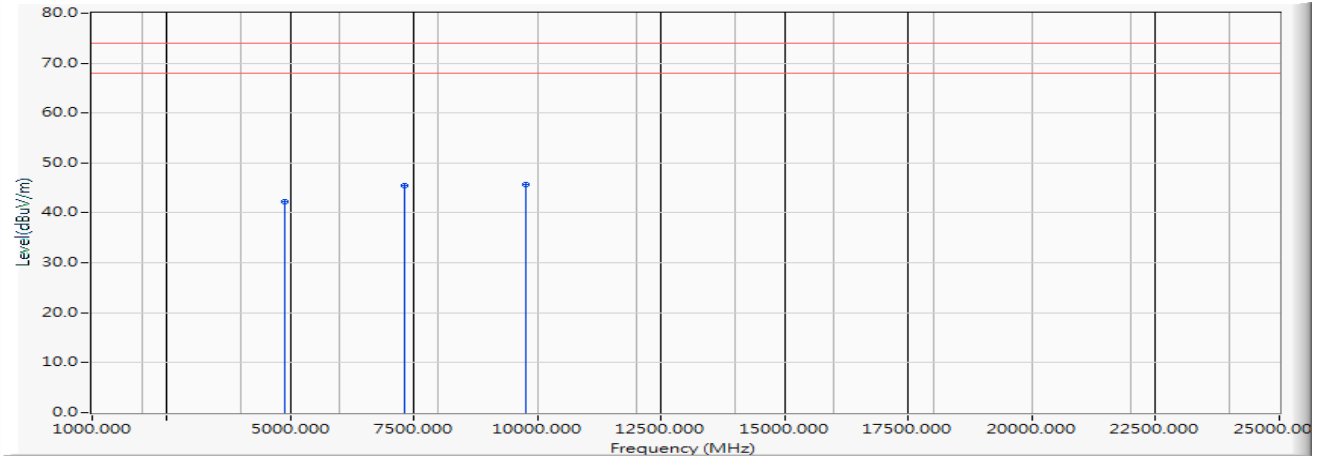
**Note:**

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2442MHz)  
 Test Date : 2019/10/21

**Horizontal**



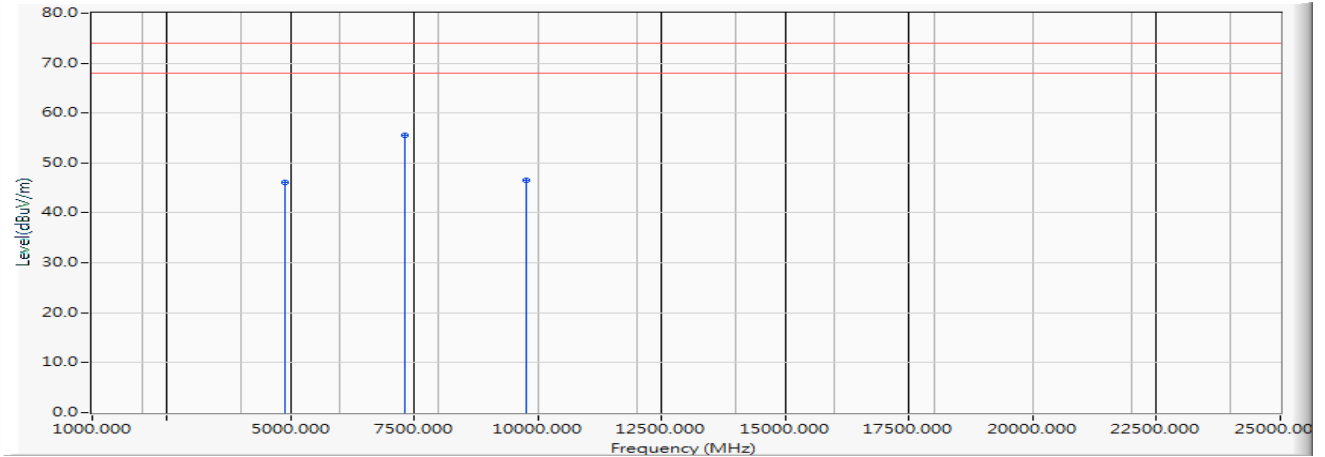
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	4884.000	-6.045	48.360	42.314	-31.686	74.000	PEAK
2	7326.000	-2.948	48.470	45.522	-28.478	74.000	PEAK
3	* 9768.000	-0.482	46.130	45.648	-28.352	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2442MHz)  
 Test Date : 2019/10/21

**Vertical**



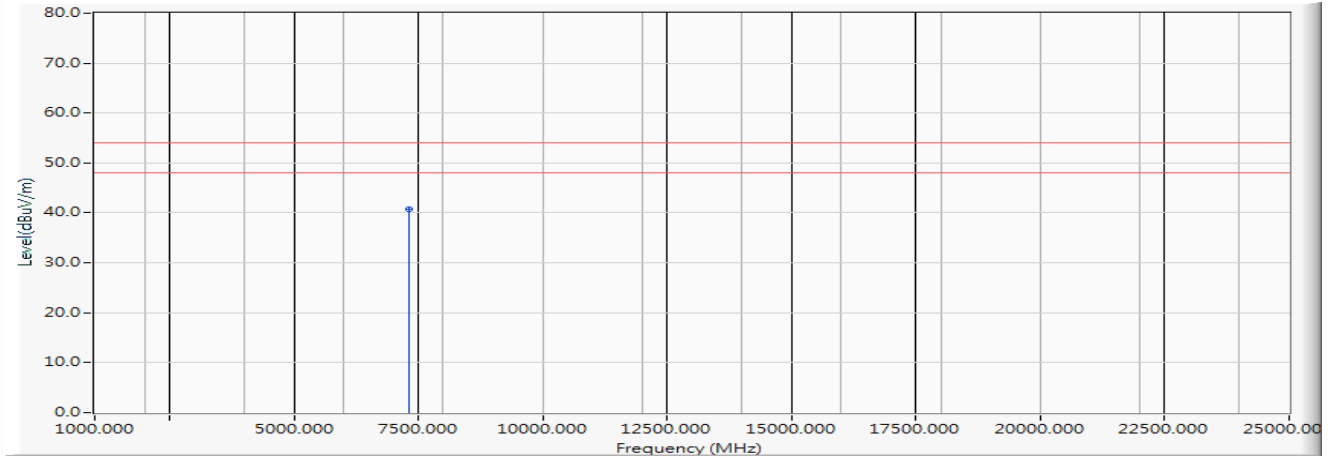
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4884.000	-6.045	52.100	46.054	-27.946	74.000	PEAK
2	*	7326.000	-2.948	58.540	55.592	-18.408	74.000	PEAK
3		9768.000	-0.482	47.050	46.568	-27.432	74.000	PEAK

**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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2442MHz)  
 Test Date : 2019/10/21

**Vertical**



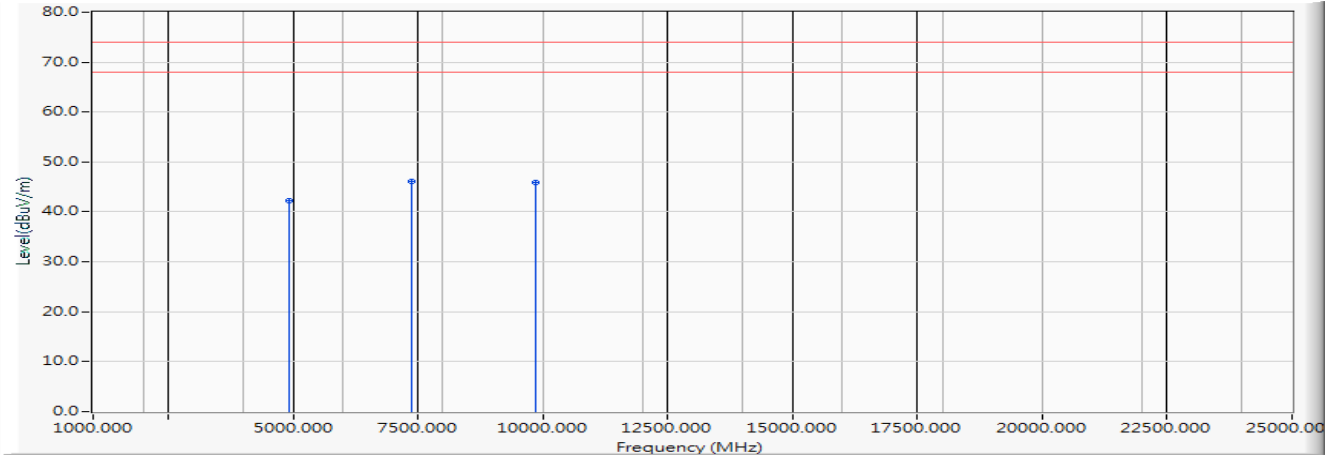
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	7326.000	-2.948	43.650	40.702	-13.298	54.000	AVERAGE

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2462MHz)  
 Test Date : 2019/10/21

**Horizontal**



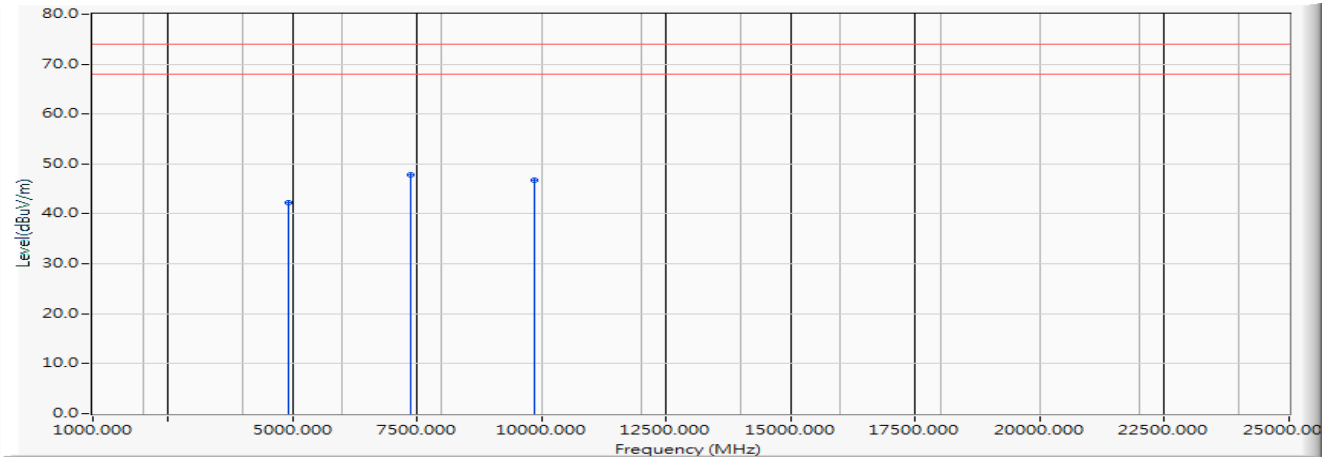
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4924.000	-6.041	48.310	42.270	-31.730	74.000	PEAK
2	*	7386.000	-2.861	48.900	46.038	-27.962	74.000	PEAK
3		9848.000	-0.399	46.330	45.931	-28.069	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2462MHz)  
 Test Date : 2019/10/21

**Vertical**



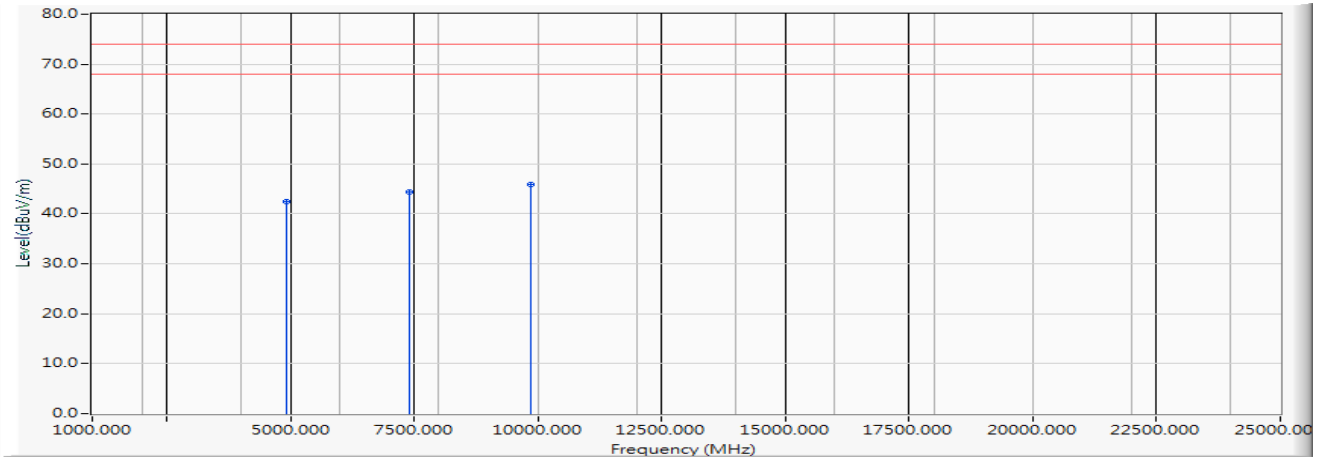
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4924.000	-6.041	48.320	42.280	-31.720	74.000	PEAK
2	*	7386.000	-2.861	50.600	47.738	-26.262	74.000	PEAK
3		9848.000	-0.399	47.180	46.781	-27.219	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2467MHz)  
 Test Date : 2019/10/21

**Horizontal**



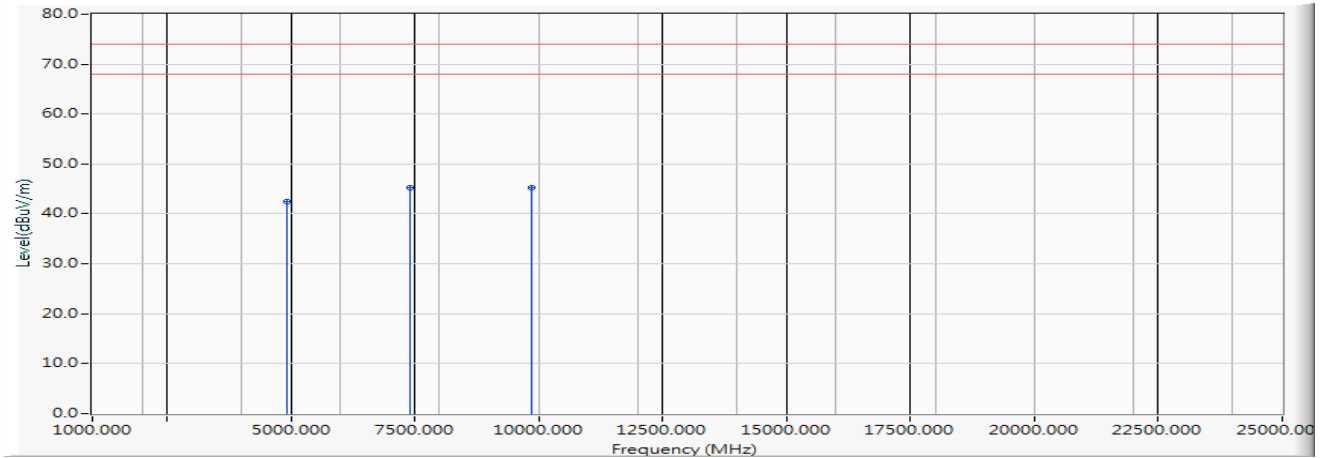
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4934.000	-6.037	48.420	42.383	-31.617	74.000	PEAK
2		7401.000	-2.866	47.320	44.454	-29.546	74.000	PEAK
3	*	9868.000	-0.344	46.240	45.896	-28.104	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2467MHz)  
 Test Date : 2019/10/21

**Vertical**



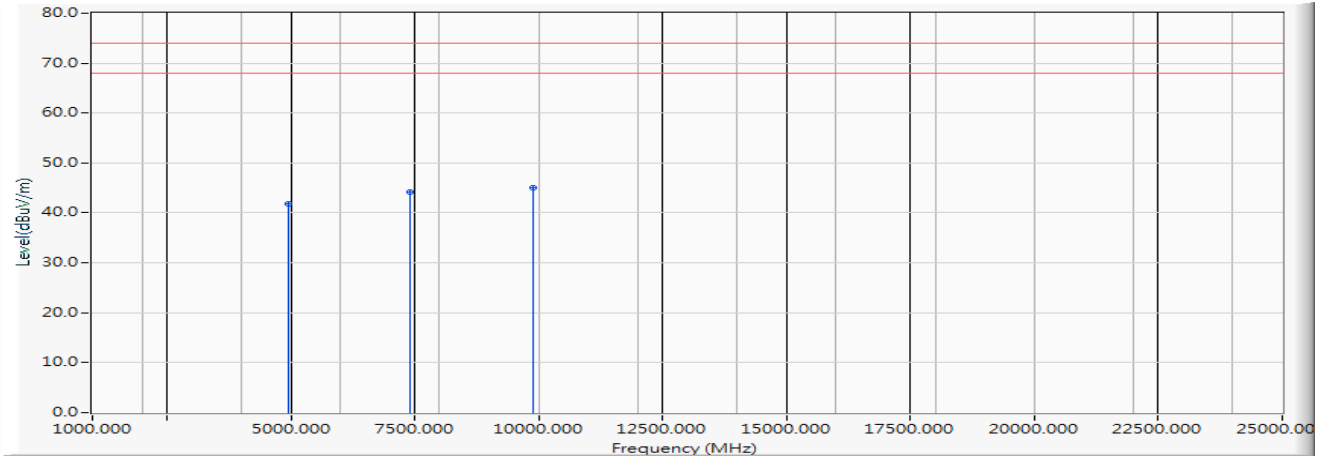
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4934.000	-6.037	48.460	42.423	-31.577	74.000	PEAK
2	*	7401.000	-2.866	48.180	45.314	-28.686	74.000	PEAK
3		9868.000	-0.344	45.510	45.166	-28.834	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2472MHz)  
 Test Date : 2019/10/21

**Horizontal**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector Type
1		4944.000	-6.039	47.930	41.891	-32.109	74.000	PEAK
2		7416.000	-2.853	46.940	44.088	-29.912	74.000	PEAK
3	*	9888.000	-0.283	45.340	45.057	-28.943	74.000	PEAK

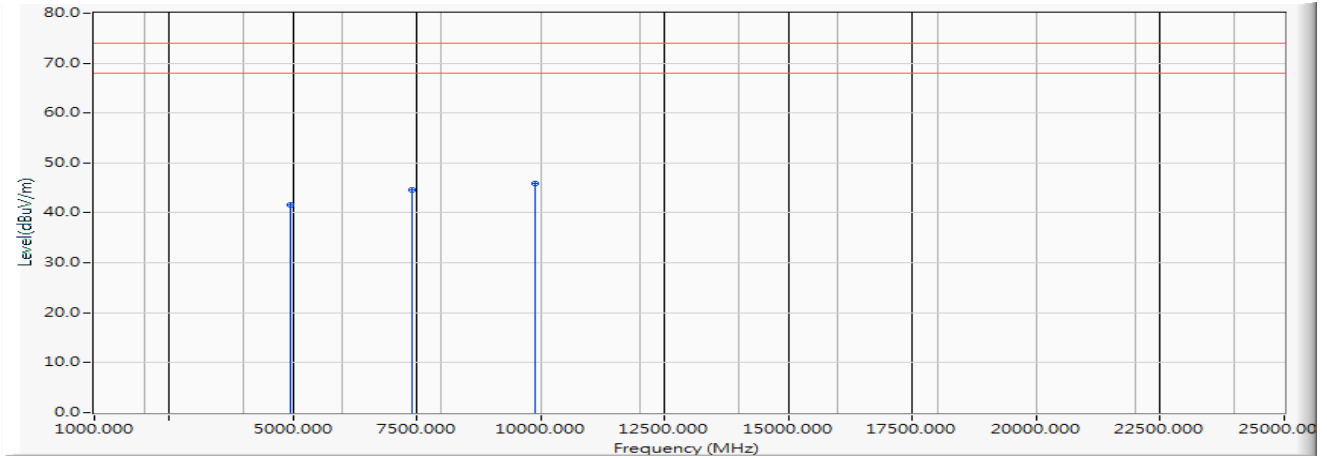
Note:

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2472MHz)  
 Test Date : 2019/10/21

**Vertical**



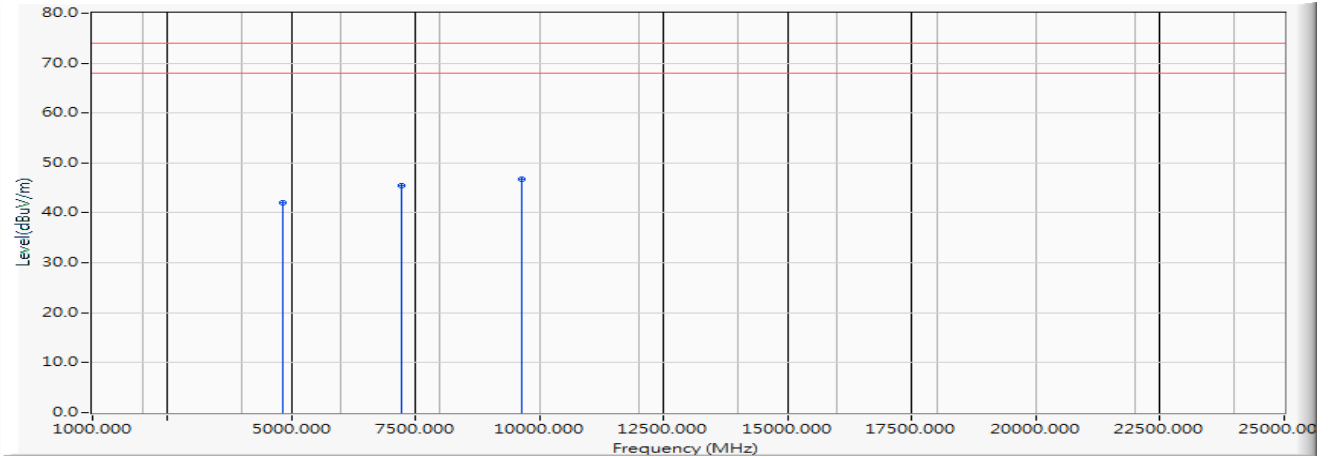
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector Type
1		4944.000	-6.039	47.600	41.561	-32.439	74.000	PEAK
2		7416.000	-2.853	47.560	44.708	-29.292	74.000	PEAK
3	*	9888.000	-0.283	46.270	45.987	-28.013	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2412MHz)  
 Test Date : 2019/10/22

**Horizontal**



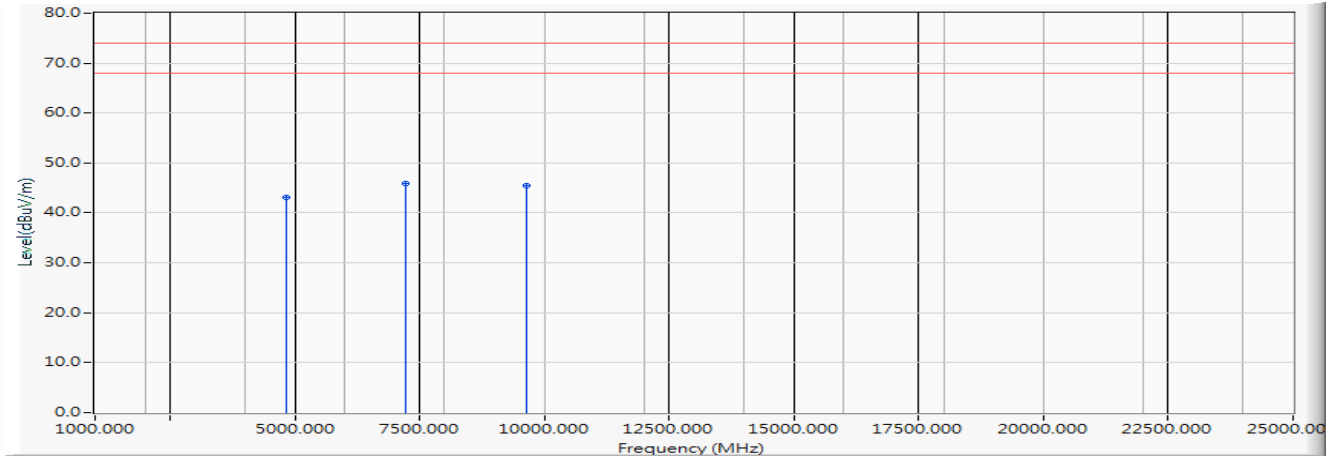
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	4824.000	-6.086	48.160	42.075	-31.925	74.000	PEAK
2	7236.000	-3.033	48.590	45.557	-28.443	74.000	PEAK
3	* 9648.000	-0.680	47.340	46.660	-27.340	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2412MHz)  
 Test Date : 2019/10/22

**Vertical**



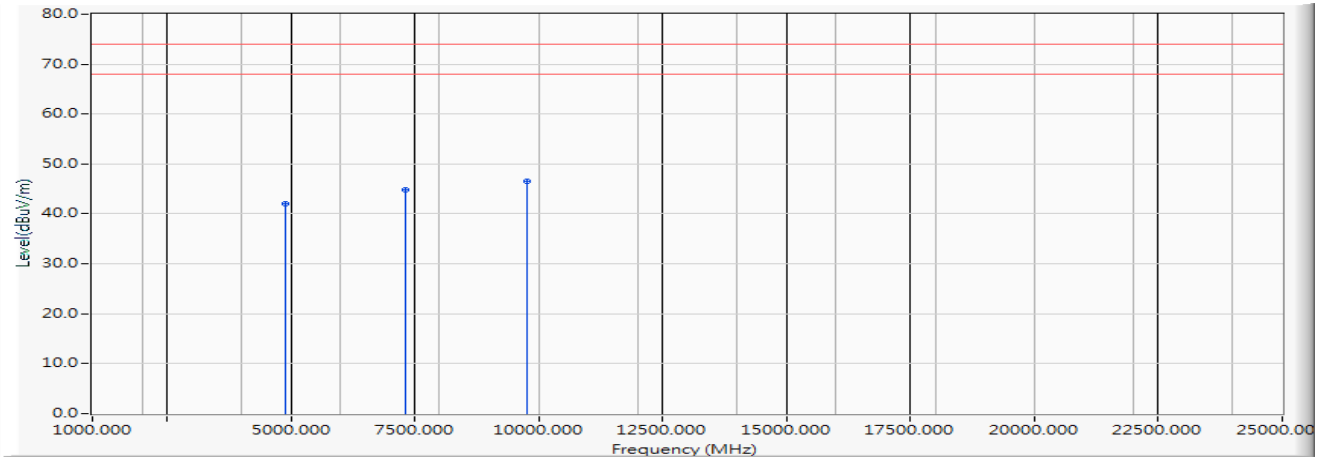
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4824.000	-6.086	49.250	43.165	-30.835	74.000	PEAK
2	*	7236.000	-3.033	48.950	45.917	-28.083	74.000	PEAK
3		9648.000	-0.680	46.120	45.440	-28.560	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2442MHz)  
 Test Date : 2019/10/22

**Horizontal**



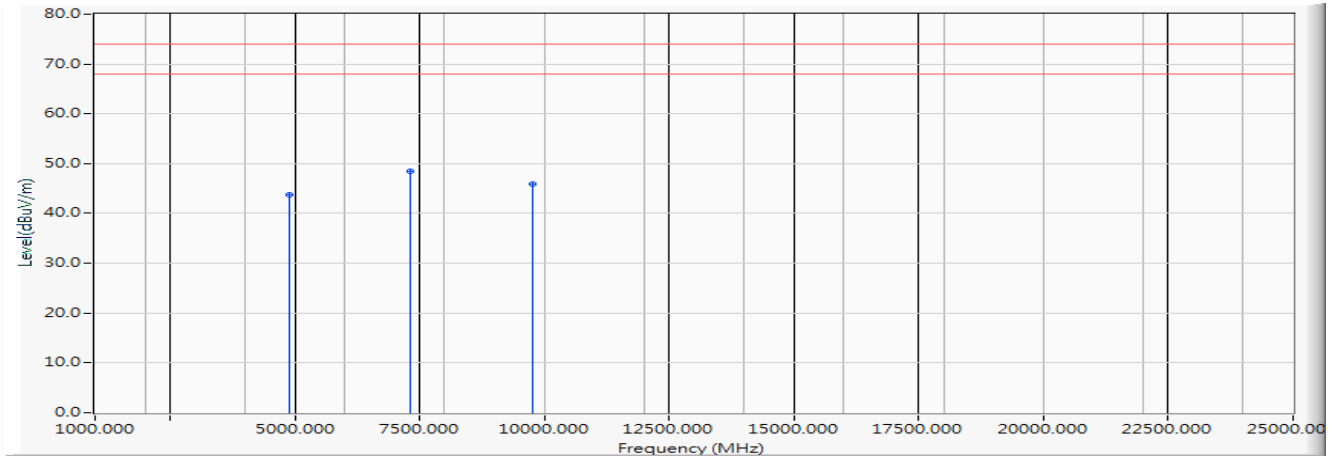
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4884.000	-6.045	48.130	42.084	-31.916	74.000	PEAK
2		7326.000	-2.948	47.680	44.732	-29.268	74.000	PEAK
3	*	9768.000	-0.482	46.980	46.498	-27.502	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2442MHz)  
 Test Date : 2019/10/22

**Vertical**



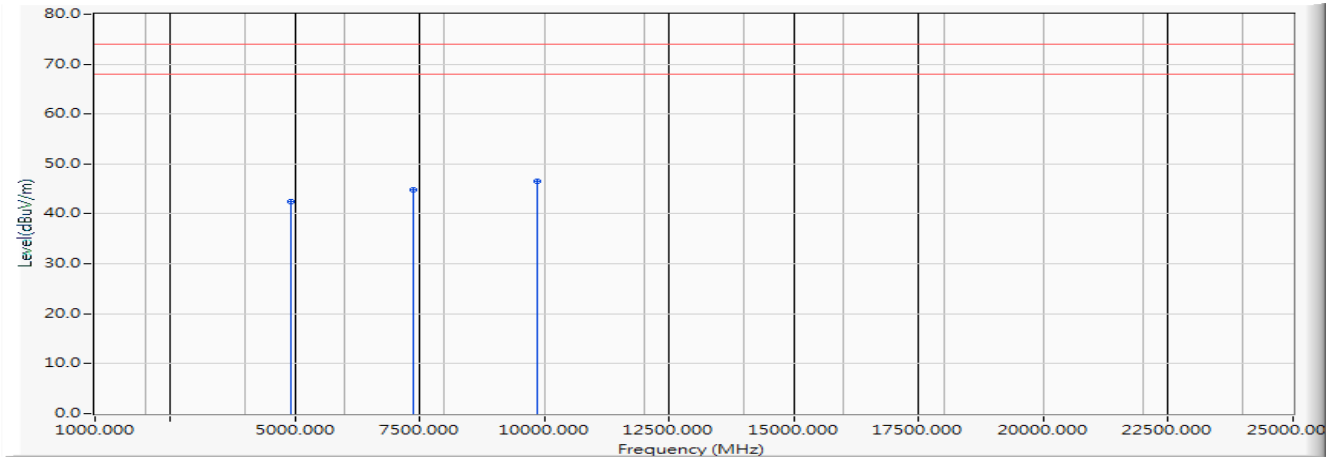
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4884.000	-6.045	49.740	43.694	-30.306	74.000	PEAK
2	*	7326.000	-2.948	51.500	48.552	-25.448	74.000	PEAK
3		9768.000	-0.482	46.390	45.908	-28.092	74.000	PEAK

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.

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 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2462MHz)  
 Test Date : 2019/10/22

**Horizontal**



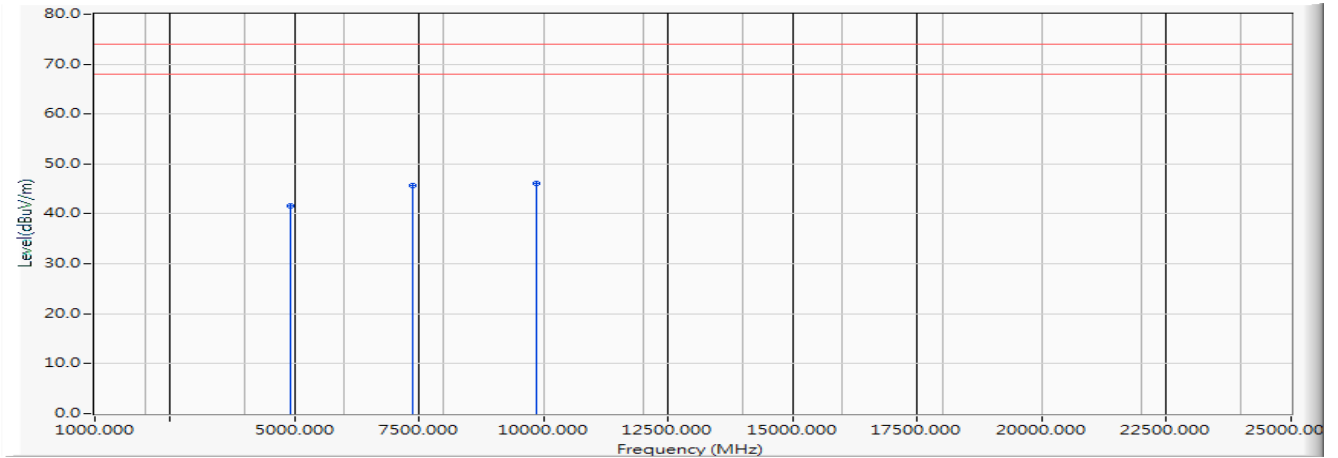
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4924.000	-6.041	48.520	42.480	-31.520	74.000	PEAK
2		7386.000	-2.861	47.760	44.898	-29.102	74.000	PEAK
3	*	9848.000	-0.399	46.860	46.461	-27.539	74.000	PEAK

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.

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 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2462MHz)  
 Test Date : 2019/10/22

**Vertical**



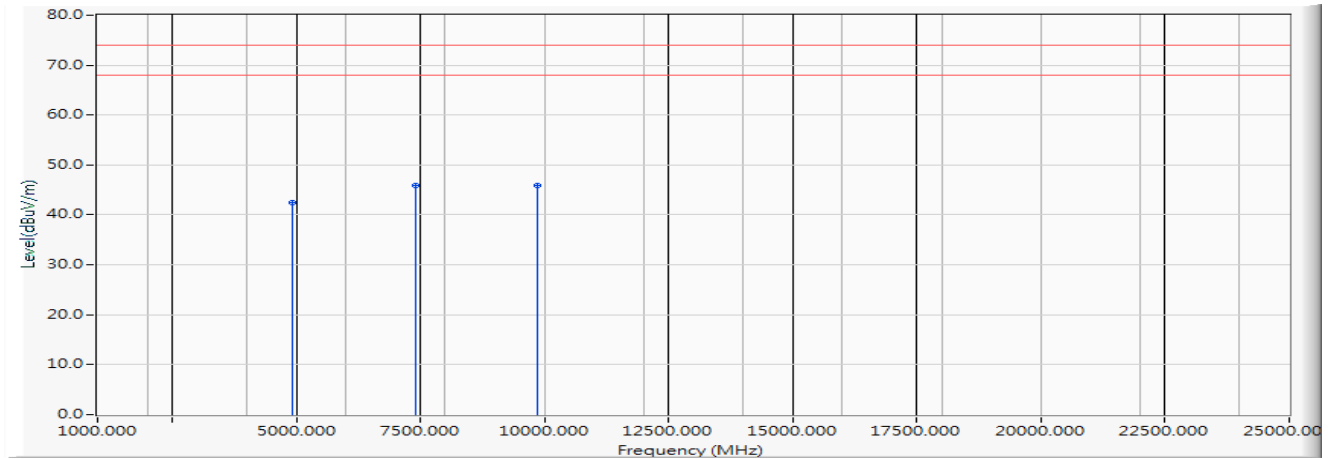
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4924.000	-6.041	47.580	41.540	-32.460	74.000	PEAK
2		7386.000	-2.861	48.490	45.628	-28.372	74.000	PEAK
3	*	9848.000	-0.399	46.590	46.191	-27.809	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2467MHz)  
 Test Date : 2019/10/22

**Horizontal**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector Type
1		4934.000	-6.037	48.430	42.393	-31.607	74.000	PEAK
2	*	7401.000	-2.866	48.770	45.904	-28.096	74.000	PEAK
3		9868.000	-0.344	46.150	45.806	-28.194	74.000	PEAK

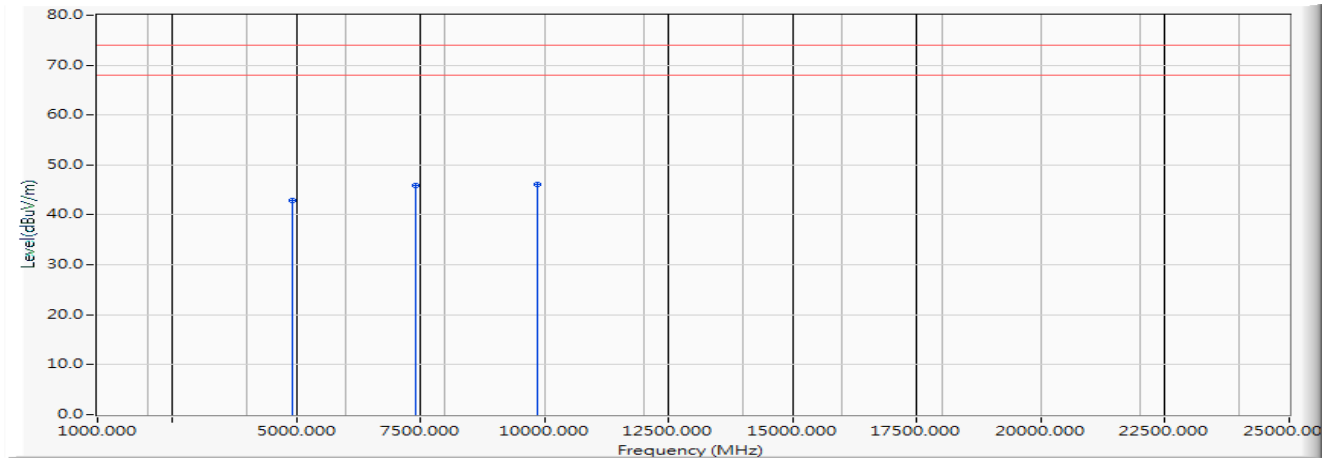
**Note:**

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.



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 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2467MHz)  
 Test Date : 2019/10/22

**Vertical**



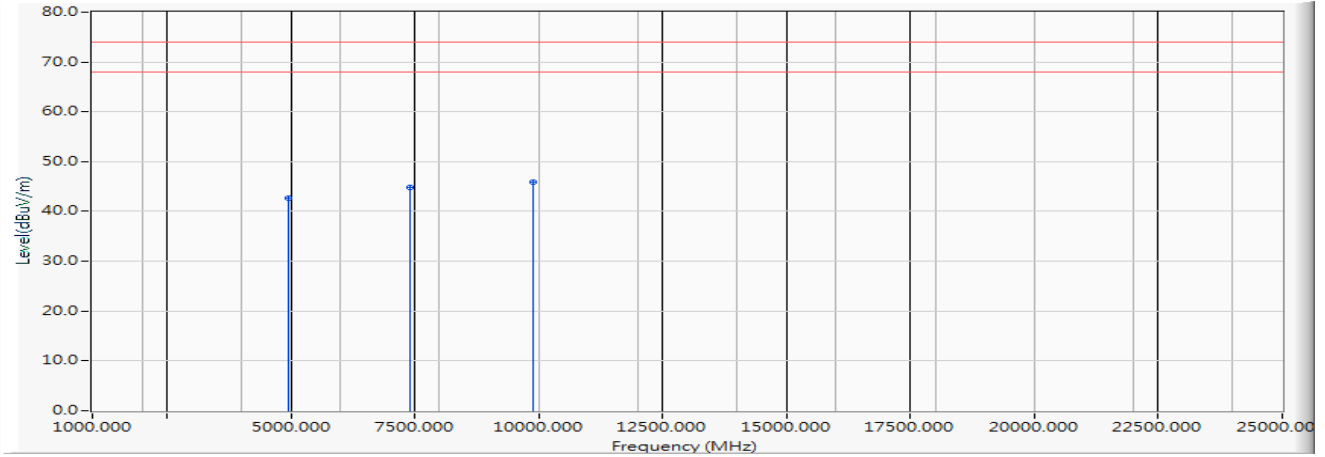
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector Type
1		4934.000	-6.037	49.020	42.983	-31.017	74.000	PEAK
2		7401.000	-2.866	48.740	45.874	-28.126	74.000	PEAK
3	*	9868.000	-0.344	46.520	46.176	-27.824	74.000	PEAK

**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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2472MHz)  
 Test Date : 2019/10/22

**Horizontal**



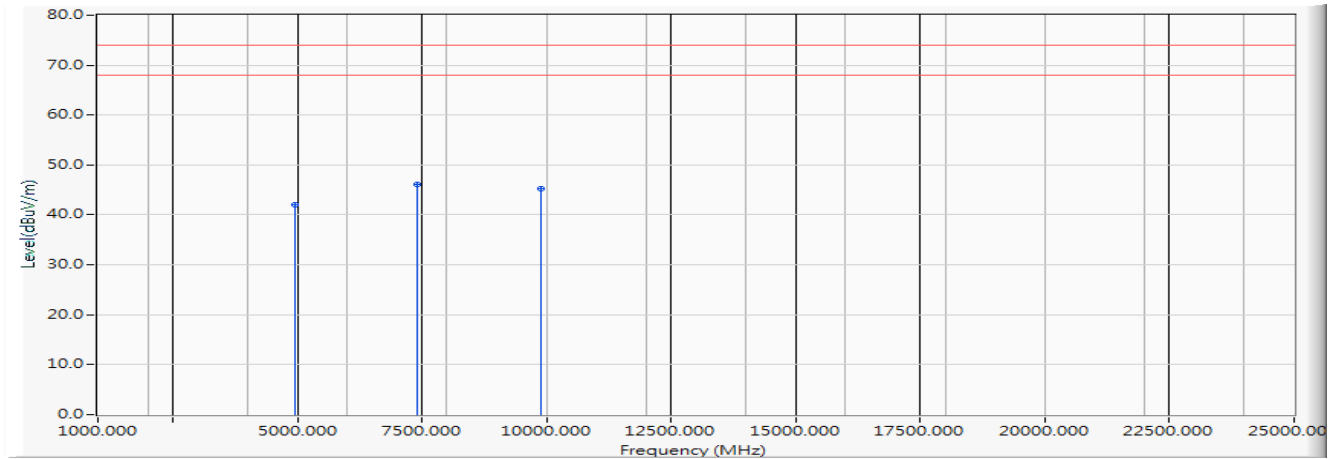
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4944.000	-6.039	48.630	42.591	-31.409	74.000	PEAK
2		7416.000	-2.853	47.640	44.788	-29.212	74.000	PEAK
3	*	9888.000	-0.283	46.270	45.987	-28.013	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2472MHz)  
 Test Date : 2019/10/22

**Vertical**



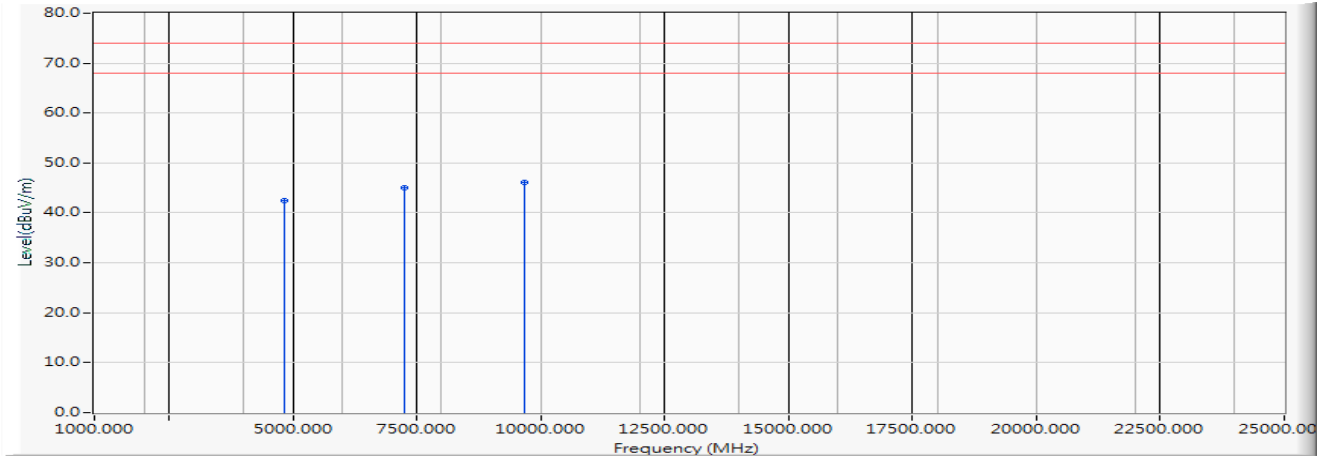
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector Type
1		4944.000	-6.039	48.010	41.971	-32.029	74.000	PEAK
2	*	7416.000	-2.853	48.890	46.038	-27.962	74.000	PEAK
3		9888.000	-0.283	45.480	45.197	-28.803	74.000	PEAK

**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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2422MHz)  
 Test Date : 2019/10/22

**Horizontal**



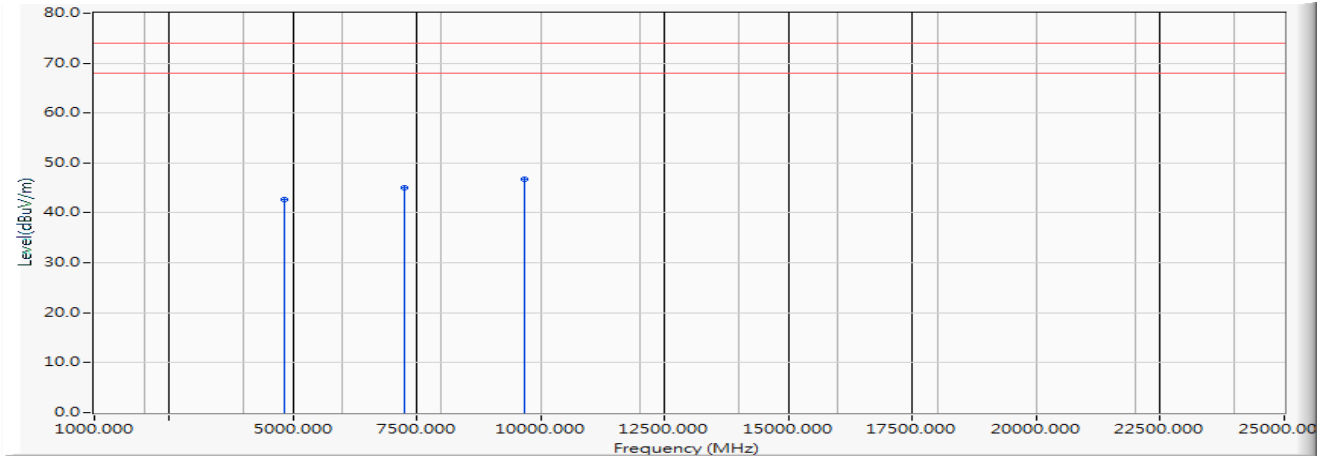
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	4844.000	-6.075	48.500	42.424	-31.576	74.000	PEAK
2	7266.000	-3.025	48.060	45.034	-28.966	74.000	PEAK
3	* 9688.000	-0.618	46.780	46.163	-27.837	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2422MHz)  
 Test Date : 2019/10/22

**Vertical**



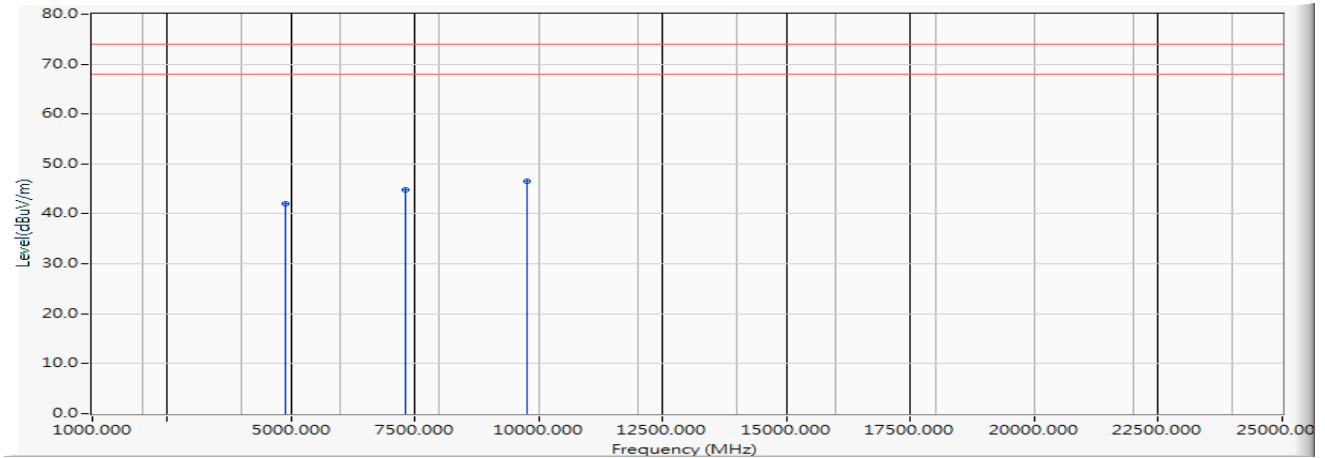
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4844.000	-6.075	48.720	42.644	-31.356	74.000	PEAK
2		7266.000	-3.025	48.110	45.084	-28.916	74.000	PEAK
3	*	9688.000	-0.618	47.290	46.673	-27.327	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2442MHz)  
 Test Date : 2019/10/22

**Horizontal**



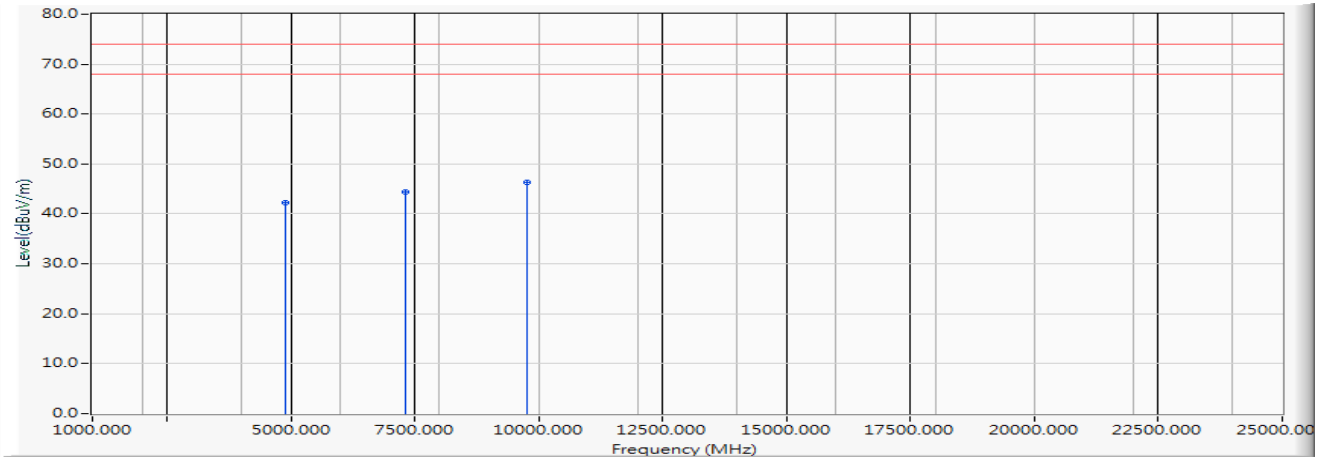
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4884.000	-6.045	48.090	42.044	-31.956	74.000	PEAK
2		7326.000	-2.948	47.720	44.772	-29.228	74.000	PEAK
3	*	9768.000	-0.482	46.980	46.498	-27.502	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2442MHz)  
 Test Date : 2019/10/22

**Vertical**



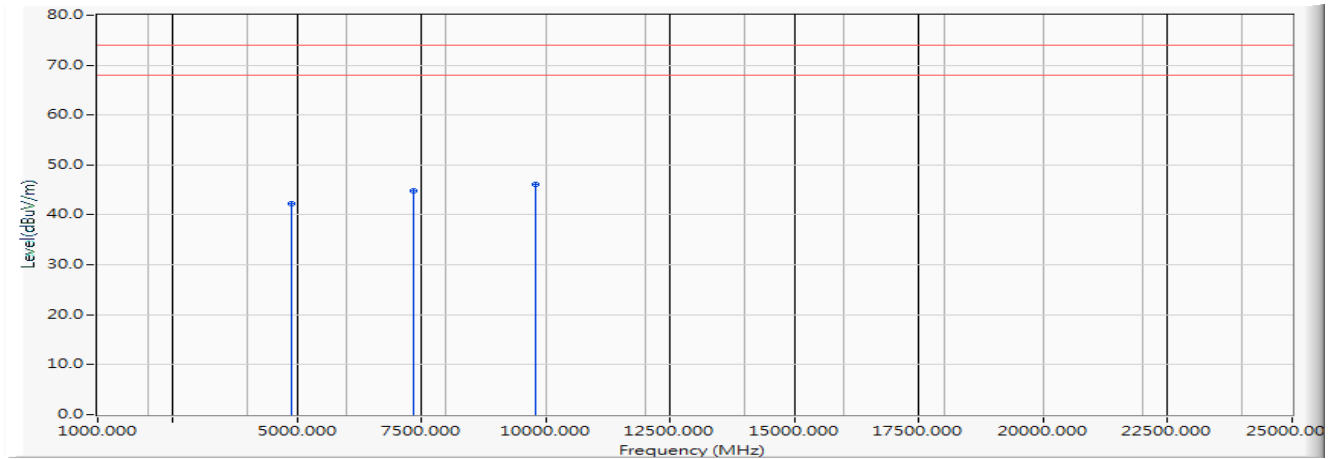
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4884.000	-6.045	48.250	42.204	-31.796	74.000	PEAK
2		7326.000	-2.948	47.450	44.502	-29.498	74.000	PEAK
3	*	9768.000	-0.482	46.840	46.358	-27.642	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2452MHz)  
 Test Date : 2019/10/22

**Horizontal**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector Type
1		4904.000	-6.069	48.270	42.201	-31.799	74.000	PEAK
2		7356.000	-2.911	47.800	44.890	-29.110	74.000	PEAK
3	*	9808.000	-0.445	46.580	46.135	-27.865	74.000	PEAK

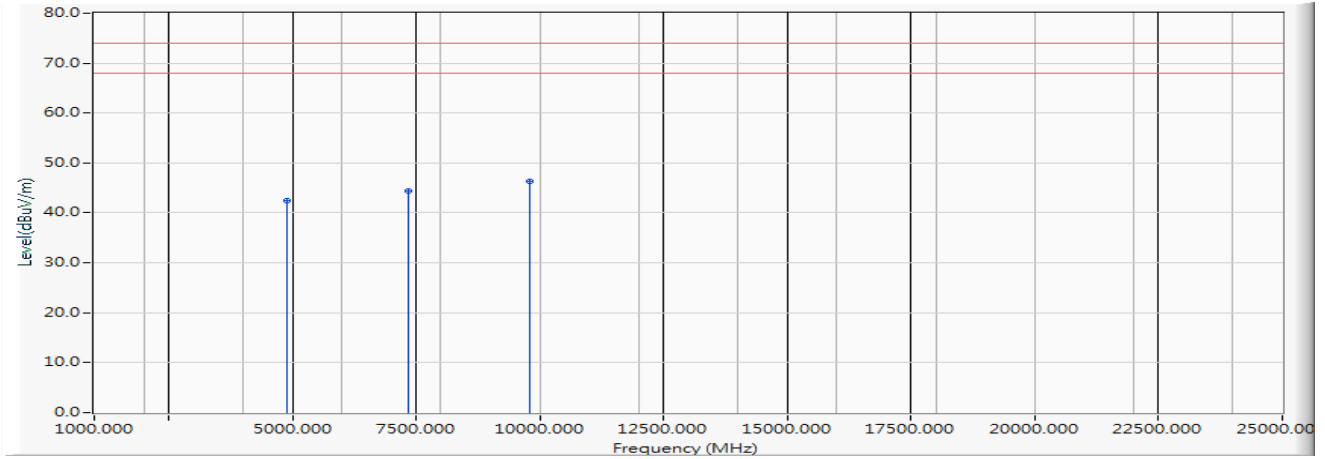
**Note:**

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2452MHz)  
 Test Date : 2019/10/22

**Vertical**



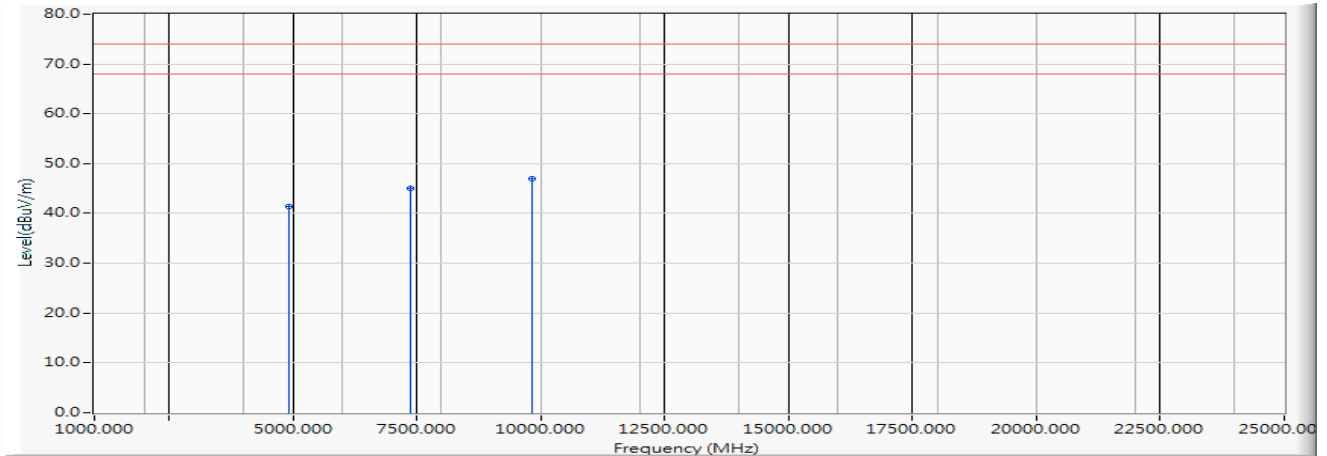
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector Type
1		4904.000	-6.069	48.430	42.361	-31.639	74.000	PEAK
2		7356.000	-2.911	47.220	44.310	-29.690	74.000	PEAK
3	*	9808.000	-0.445	46.700	46.255	-27.745	74.000	PEAK

**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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2457MHz)  
 Test Date : 2019/10/22

**Horizontal**



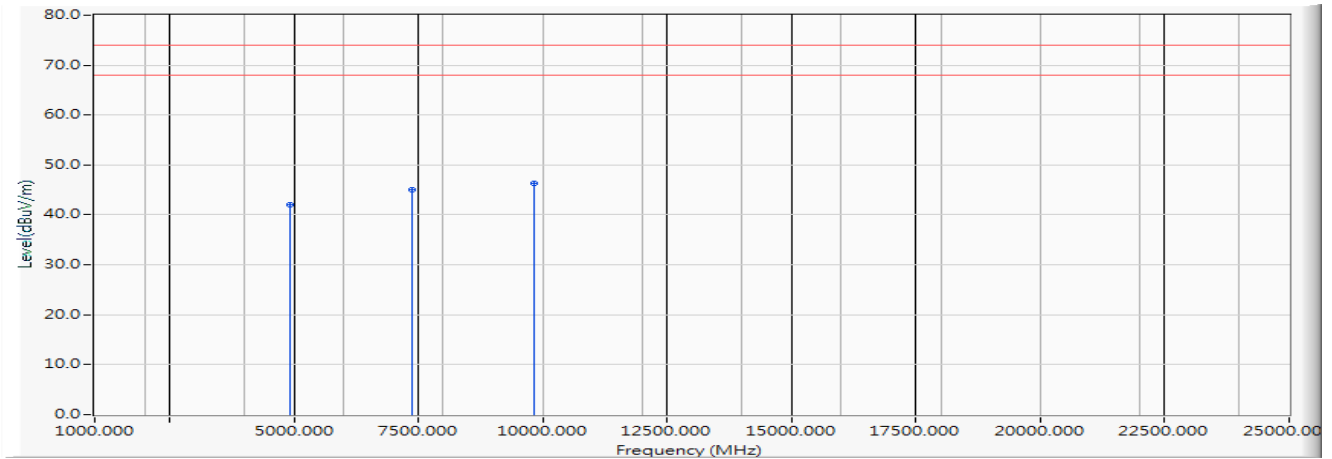
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4914.000	-6.050	47.430	41.380	-32.620	74.000	PEAK
2		7371.000	-2.881	48.020	45.138	-28.862	74.000	PEAK
3	*	9828.000	-0.408	47.310	46.902	-27.098	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2457MHz)  
 Test Date : 2019/10/22

**Vertical**



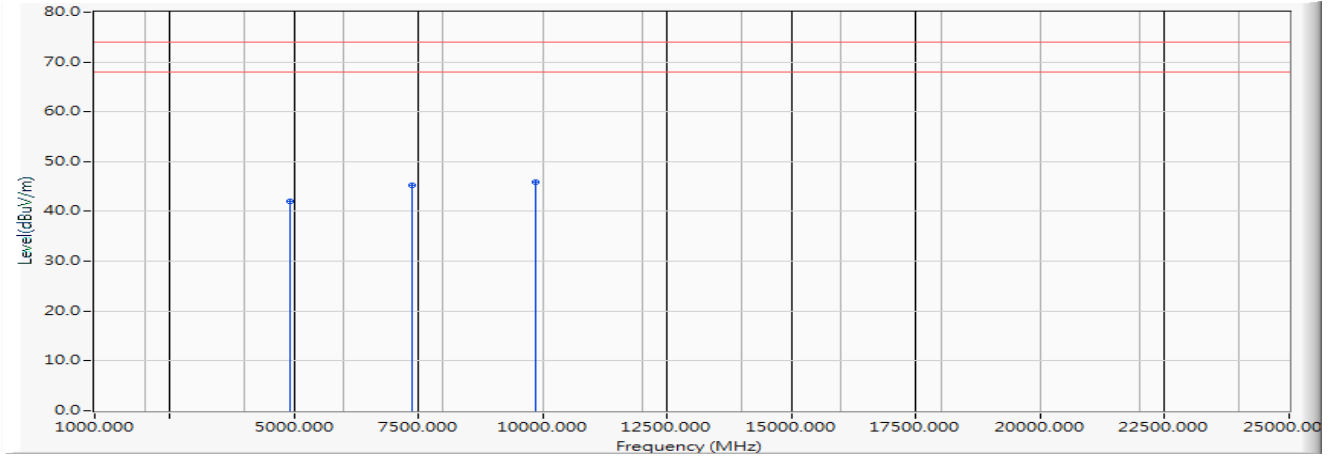
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector Type
1		4914.000	-6.050	48.050	42.000	-32.000	74.000	PEAK
2		7371.000	-2.881	48.010	45.128	-28.872	74.000	PEAK
3	*	9828.000	-0.408	46.670	46.262	-27.738	74.000	PEAK

**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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2462MHz)  
 Test Date : 2019/10/22

**Horizontal**



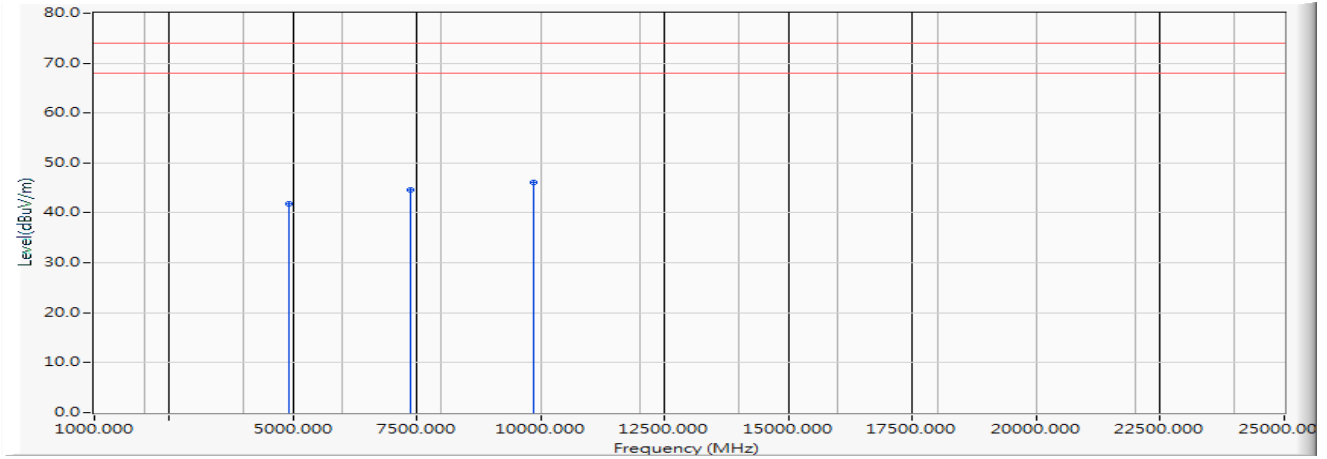
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		4924.000	-6.041	48.090	42.050	-31.950	74.000	PEAK
2		7386.000	-2.861	48.060	45.198	-28.802	74.000	PEAK
3	*	9848.000	-0.399	46.360	45.961	-28.039	74.000	PEAK

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 9560  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2462MHz)  
 Test Date : 2019/10/22

**Vertical**



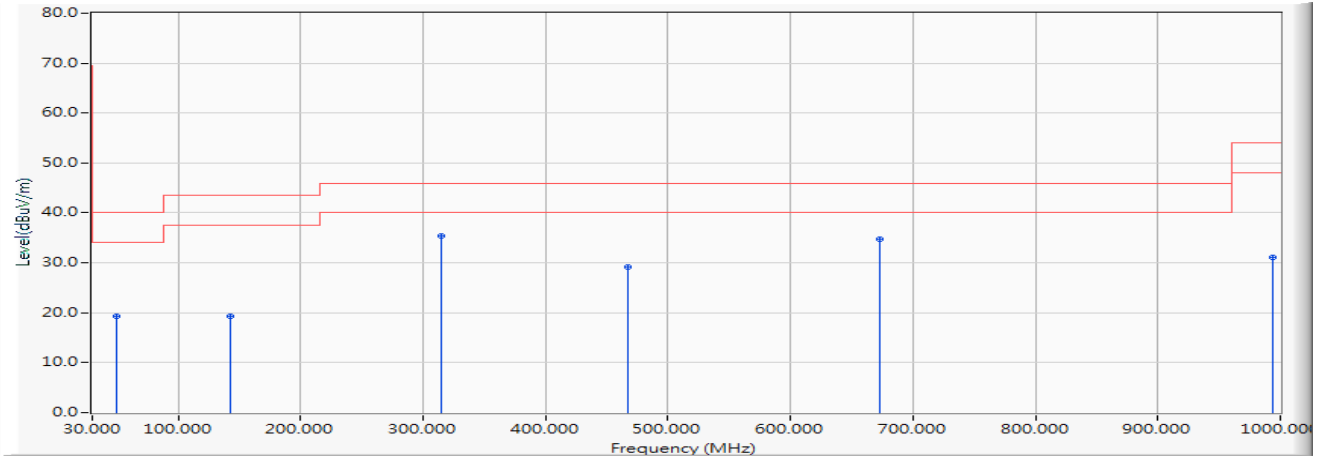
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector Type
1		4924.000	-6.041	47.820	41.780	-32.220	74.000	PEAK
2		7386.000	-2.861	47.510	44.648	-29.352	74.000	PEAK
3	*	9848.000	-0.399	46.570	46.171	-27.829	74.000	PEAK

**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 9560  
 Test Item : General Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2442MHz)  
 Test Date : 2019/10/24

**Horizontal**



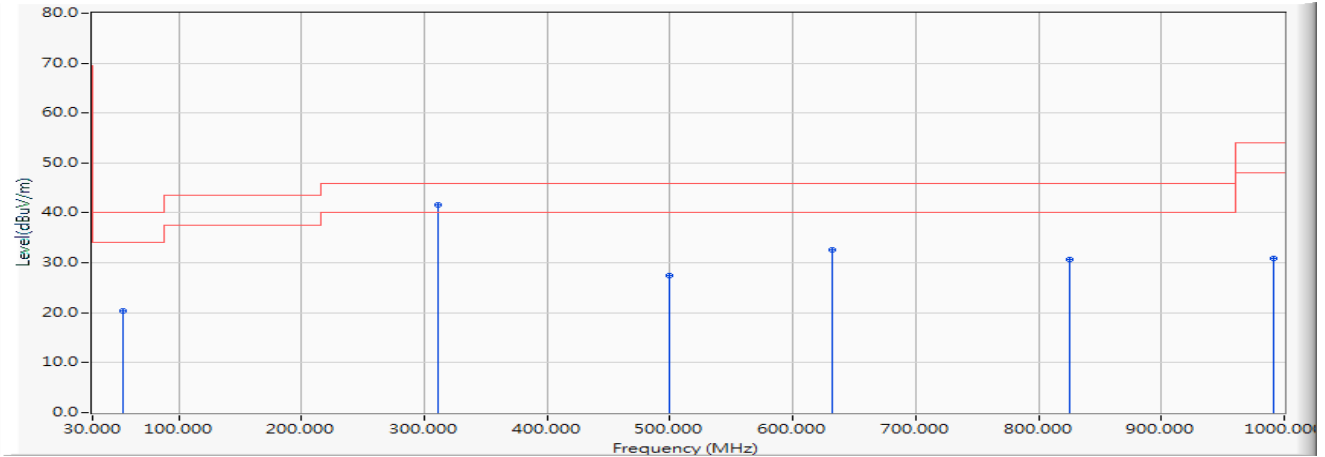
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		49.681	-10.918	30.191	19.272	-20.728	40.000	QUASIPeAK
2		142.464	-11.344	30.570	19.226	-24.274	43.500	QUASIPeAK
3	*	315.377	-9.978	45.315	35.338	-10.662	46.000	QUASIPeAK
4		467.203	-6.503	35.603	29.099	-16.901	46.000	QUASIPeAK
5		672.449	-3.380	38.042	34.662	-11.338	46.000	QUASIPeAK
6		994.377	0.933	30.091	31.024	-22.976	54.000	QUASIPeAK

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 emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Wireless-AC 9560  
 Test Item : General Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps)(2442MHz)  
 Test Date : 2019/10/24

**Vertical**



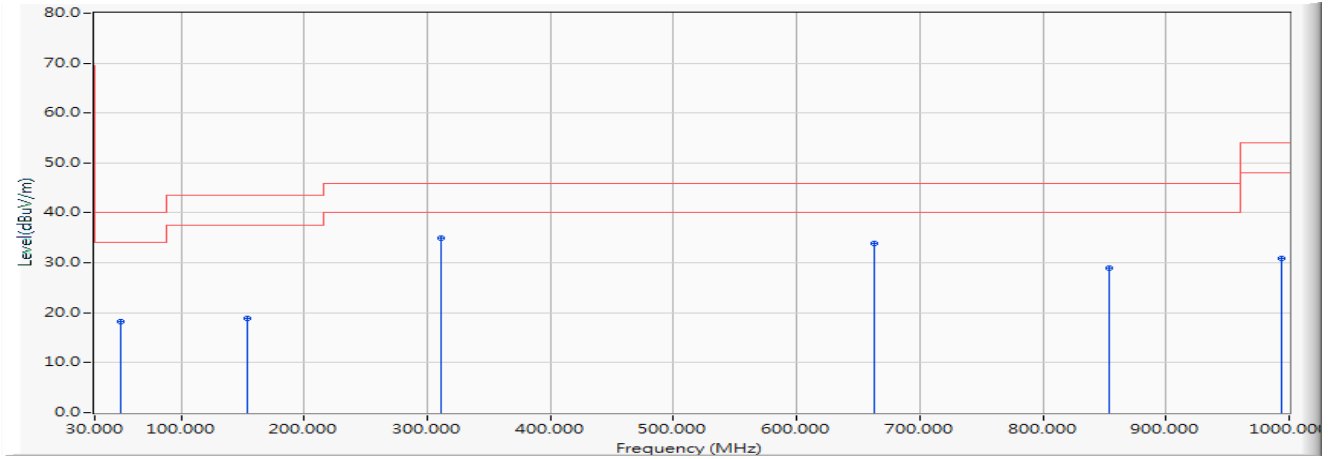
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		55.304	-11.572	31.904	20.332	-19.668	40.000	QUASIPeAK
2	*	311.159	-10.076	51.643	41.567	-4.433	46.000	QUASIPeAK
3		499.536	-5.960	33.342	27.382	-18.618	46.000	QUASIPeAK
4		631.681	-3.809	36.472	32.662	-13.338	46.000	QUASIPeAK
5		825.681	-1.255	31.940	30.684	-15.316	46.000	QUASIPeAK
6		991.565	0.897	30.057	30.954	-23.046	54.000	QUASIPeAK

**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 emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Wireless-AC 9560  
 Test Item : General Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2442MHz)  
 Test Date : 2019/10/24

**Horizontal**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		51.087	-11.048	29.231	18.183	-21.817	40.000	QUASIPEAK
2		153.710	-10.986	29.930	18.944	-24.556	43.500	QUASIPEAK
3	*	311.159	-10.076	45.109	35.033	-10.967	46.000	QUASIPEAK
4		662.609	-3.520	37.461	33.941	-12.059	46.000	QUASIPEAK
5		853.797	-0.825	29.730	28.905	-17.095	46.000	QUASIPEAK
6		994.377	0.933	30.025	30.958	-23.042	54.000	QUASIPEAK

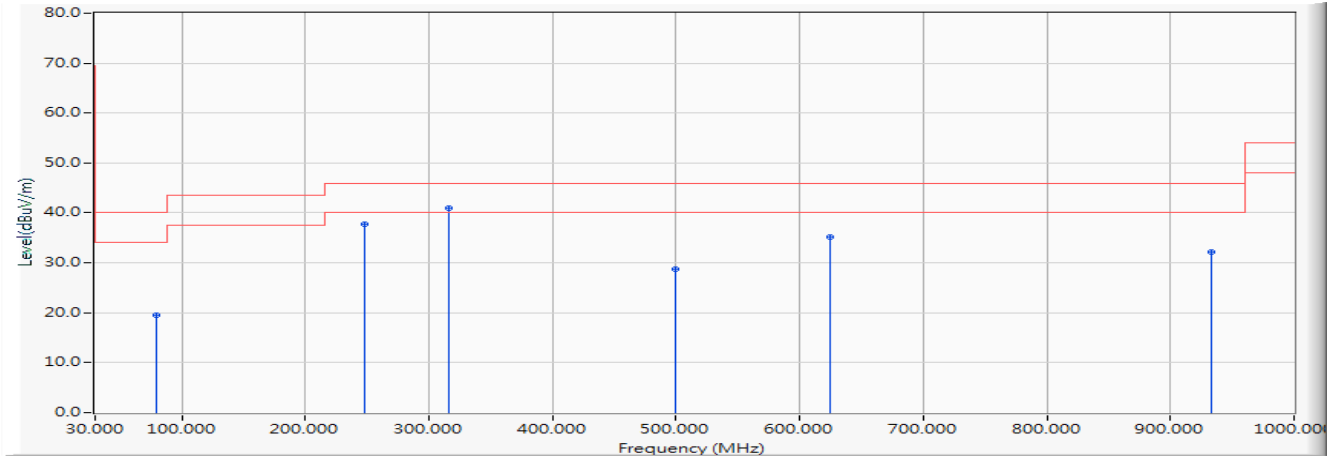
**Note:**

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 emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.



Product : Intel® Wireless-AC 9560  
 Test Item : General Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2442MHz)  
 Test Date : 2019/10/24

**Vertical**



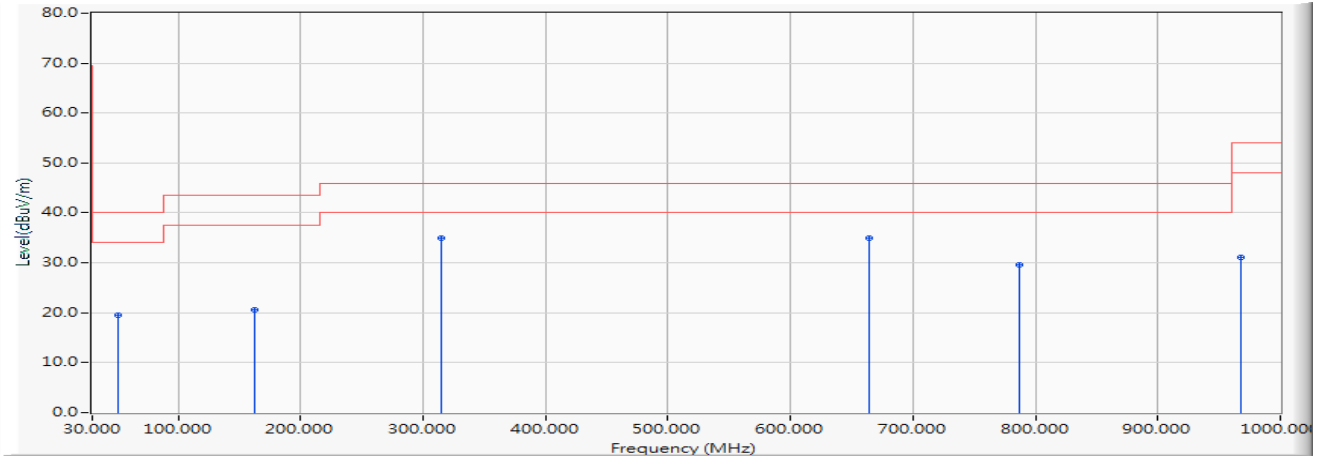
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		79.203	-15.483	34.974	19.491	-20.509	40.000	QUASIPEAK
2		247.899	-12.110	49.881	37.772	-8.228	46.000	QUASIPEAK
3	*	316.783	-9.944	50.915	40.971	-5.029	46.000	QUASIPEAK
4		499.536	-5.960	34.671	28.711	-17.289	46.000	QUASIPEAK
5		624.652	-3.854	38.957	35.103	-10.897	46.000	QUASIPEAK
6		932.522	0.158	31.918	32.077	-13.923	46.000	QUASIPEAK

**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 emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Wireless-AC 9560  
 Test Item : General Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2442MHz)  
 Test Date : 2019/10/24

**Horizontal**



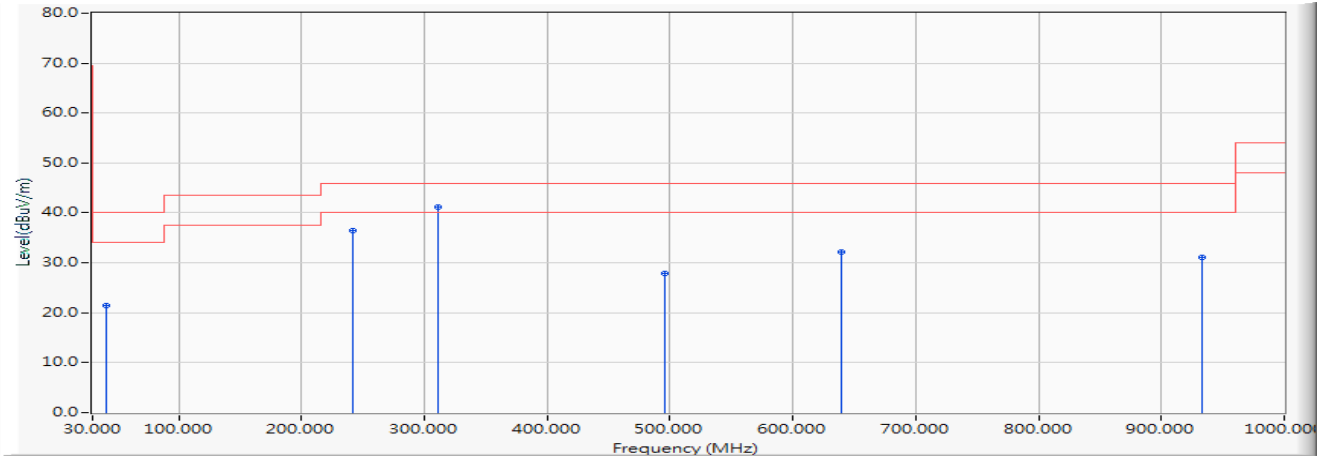
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		51.087	-11.048	30.614	19.566	-20.434	40.000	QUASIPeAK
2		162.145	-10.904	31.510	20.606	-22.894	43.500	QUASIPeAK
3	*	315.377	-9.978	45.024	35.047	-10.953	46.000	QUASIPeAK
4		664.014	-3.500	38.456	34.956	-11.044	46.000	QUASIPeAK
5		786.319	-1.762	31.335	29.573	-16.427	46.000	QUASIPeAK
6		967.667	0.585	30.554	31.139	-22.861	54.000	QUASIPeAK

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 emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Wireless-AC 9560  
 Test Item : General Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2442MHz)  
 Test Date : 2019/10/24

**Vertical**



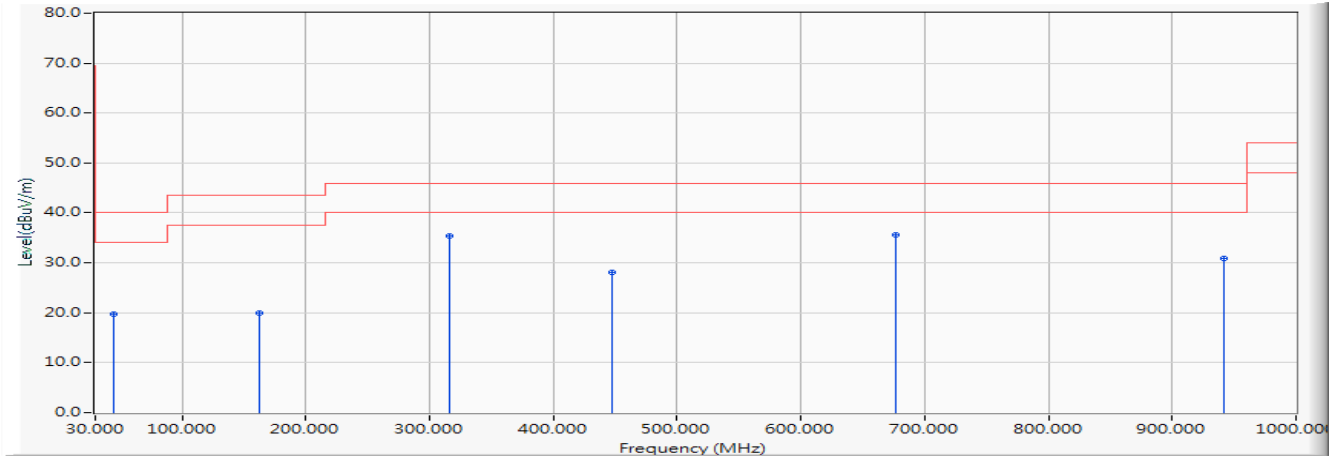
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		41.246	-11.050	32.502	21.452	-18.548	40.000	QUASIPeAK
2		242.275	-12.182	48.717	36.534	-9.466	46.000	QUASIPeAK
3	*	311.159	-10.076	51.208	41.132	-4.868	46.000	QUASIPeAK
4		495.319	-6.031	33.917	27.886	-18.114	46.000	QUASIPeAK
5		640.116	-3.756	36.029	32.273	-13.727	46.000	QUASIPeAK
6		932.522	0.158	30.906	31.065	-14.935	46.000	QUASIPeAK

**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 emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Wireless-AC 9560  
 Test Item : General Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2442MHz)  
 Test Date : 2019/10/24

**Horizontal**



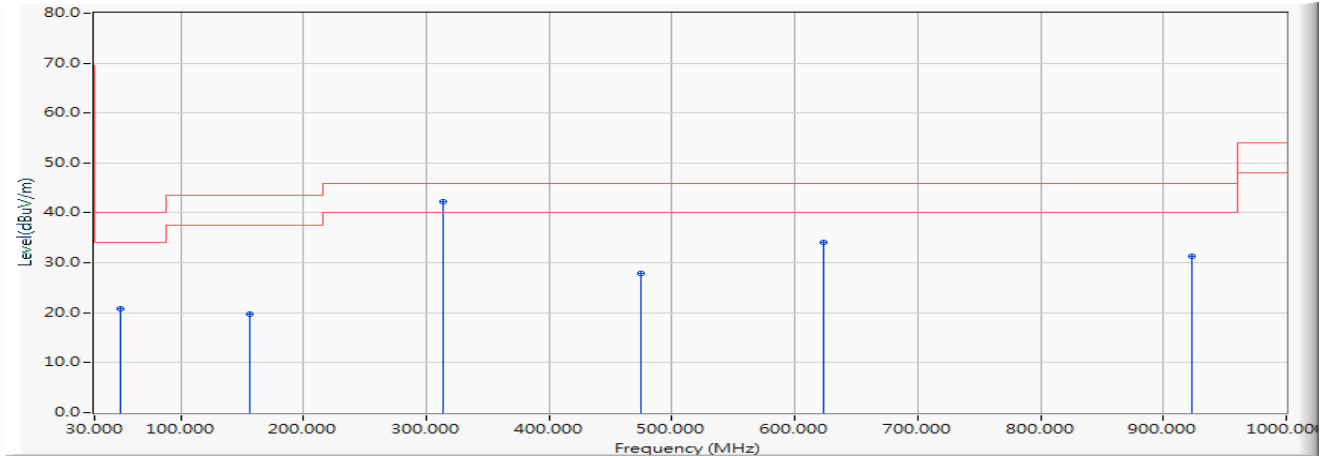
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		45.464	-10.829	30.545	19.716	-20.284	40.000	QUASIPeAK
2		162.145	-10.904	30.873	19.969	-23.531	43.500	QUASIPeAK
3		316.783	-9.944	45.339	35.395	-10.605	46.000	QUASIPeAK
4		447.522	-6.857	34.934	28.076	-17.924	46.000	QUASIPeAK
5	*	676.667	-3.320	38.857	35.537	-10.463	46.000	QUASIPeAK
6		942.362	0.265	30.668	30.933	-15.067	46.000	QUASIPeAK

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 emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Wireless-AC 9560  
 Test Item : General Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2442MHz)  
 Test Date : 2019/10/24

**Vertical**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		51.087	-11.048	31.906	20.858	-19.142	40.000	QUASIPeAK
2		156.522	-10.916	30.729	19.814	-23.686	43.500	QUASIPeAK
3	*	313.971	-10.010	52.226	42.216	-3.784	46.000	QUASIPeAK
4		474.232	-6.386	34.173	27.787	-18.213	46.000	QUASIPeAK
5		623.246	-3.862	37.896	34.033	-11.967	46.000	QUASIPeAK
6		922.681	0.050	31.161	31.211	-14.789	46.000	QUASIPeAK

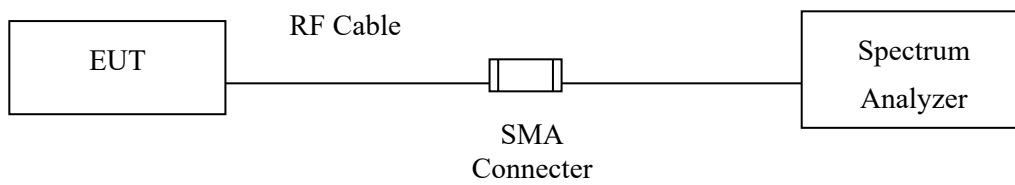
**Note:**

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 emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

## 5. Band Edge

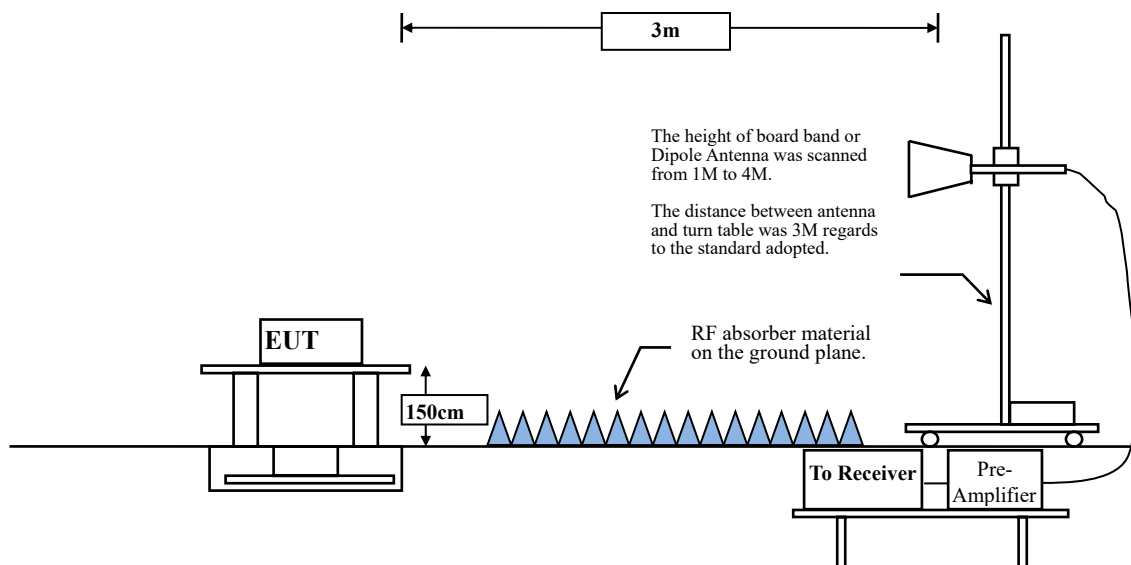
### 5.1. Test Setup

#### RF Conducted Measurement



#### RF Radiated Measurement:

Above 1GHz



## 5.2. Limits

According to FCC Section 15.247(d). In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

## 5.3. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested according to C63.10:2013 Section 11.12.1 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 C63.10 Section 11.12.2.4 Peak 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 C63.10 Section 11.12.2.5 Average 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 (Hz)	VBW (Hz)
802.11b	99.52	--	--	10
802.11g	98.56	--	--	10
802.11n20	99.31	--	--	10
802.11n40	99.67	--	--	10

Note: Duty Cycle Refer to Section 6

## 5.4. Uncertainty

Conducted:  $\pm 1.23$ dB

Radiated:

Horizontal polarization : 1-18GHz:  $\pm 3.77$ dB

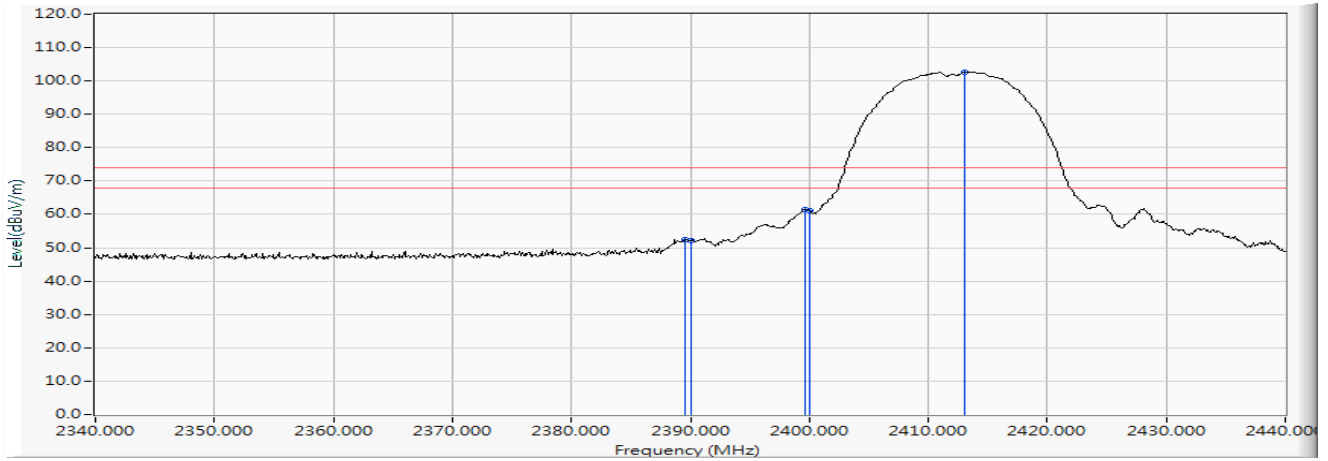
Vertical polarization : 1-18GHz :  $\pm 3.83$ dB



### 5.5. Test Result of Band Edge

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2412MHz)  
 Test Date : 2019/10/16

#### Horizontal



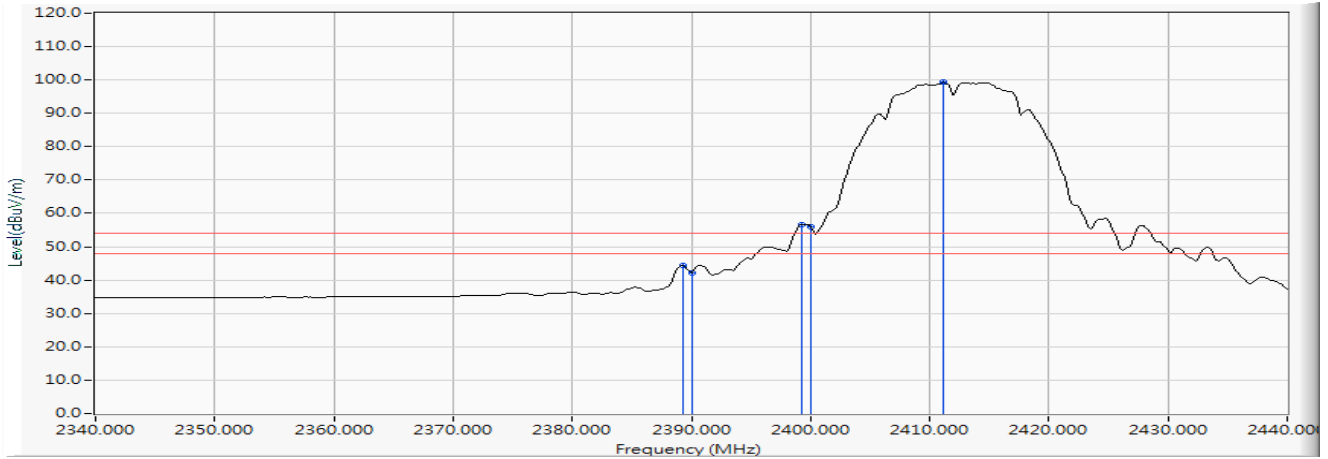
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		2389.600	10.261	42.136	52.397	-21.603	74.000	PEAK
2		2390.000	10.262	41.922	52.184	-21.816	74.000	PEAK
3		2399.600	10.302	51.258	61.560	--	--	PEAK
4		2400.000	10.304	50.899	61.202	--	--	PEAK
5	*	2413.100	10.357	92.372	102.728	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2412MHz)  
 Test Date : 2019/10/16

**Horizontal**



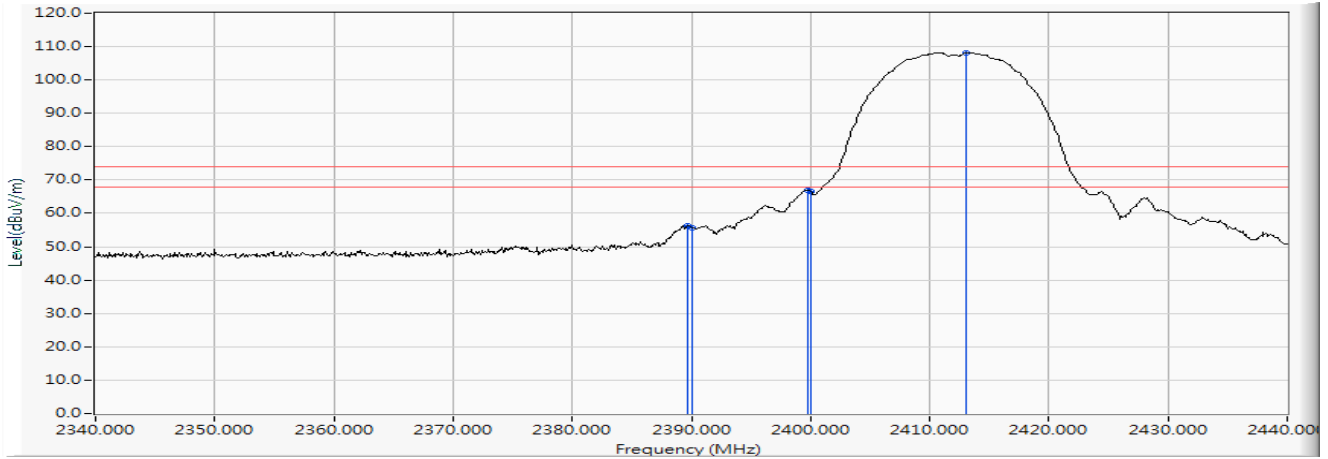
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		2389.275	10.260	34.081	44.340	-9.660	54.000	AVERAGE
2		2390.000	10.262	32.000	42.262	-11.738	54.000	AVERAGE
3		2399.275	10.300	46.467	56.767	--	--	AVERAGE
4		2400.000	10.304	45.742	56.045	--	--	AVERAGE
5	*	2411.159	10.349	88.906	99.255	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2412MHz)  
 Test Date : 2019/10/16

**Vertical**



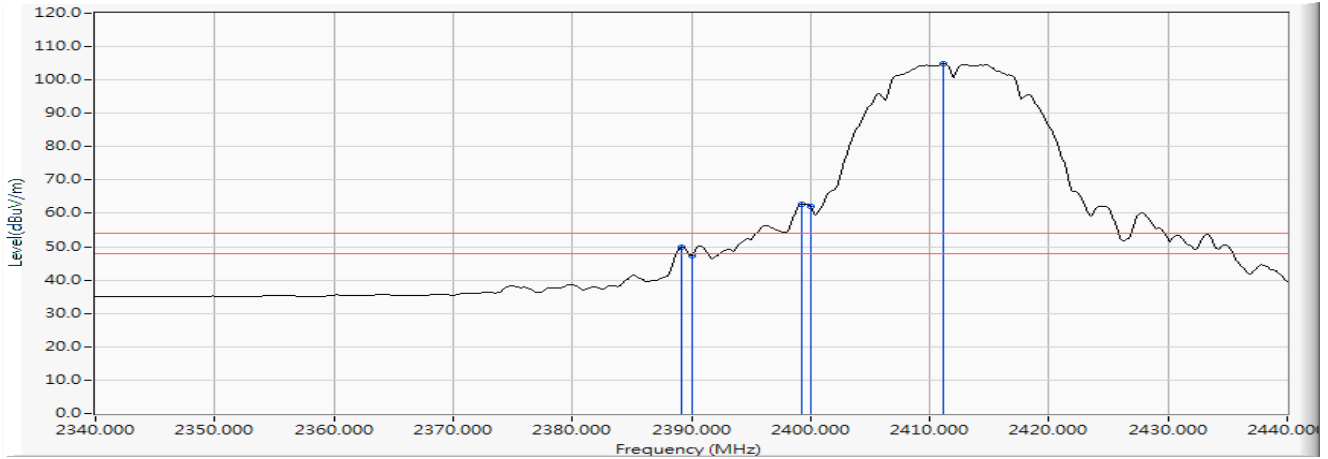
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		2389.700	10.261	46.026	56.287	-17.713	74.000	PEAK
2		2390.000	10.262	45.339	55.601	-18.399	74.000	PEAK
3		2399.800	10.302	56.732	67.035	--	--	PEAK
4		2400.000	10.304	56.350	66.653	--	--	PEAK
5	*	2413.100	10.357	97.781	108.137	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2412MHz)  
 Test Date : 2019/10/16

**Vertical**



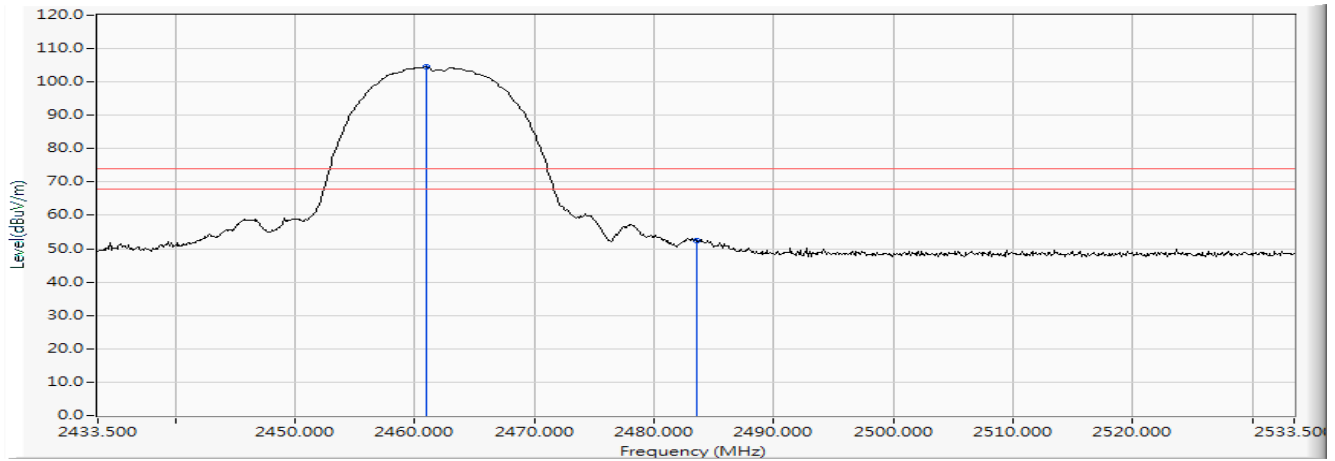
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		2389.130	10.259	39.618	49.877	-4.123	54.000	AVERAGE
2		2390.000	10.262	36.982	47.244	-6.756	54.000	AVERAGE
3		2399.275	10.300	52.483	62.783	--	--	AVERAGE
4		2400.000	10.304	51.736	62.039	--	--	AVERAGE
5	*	2411.159	10.349	94.497	104.846	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2462MHz)  
 Test Date : 2019/10/16

**Horizontal**



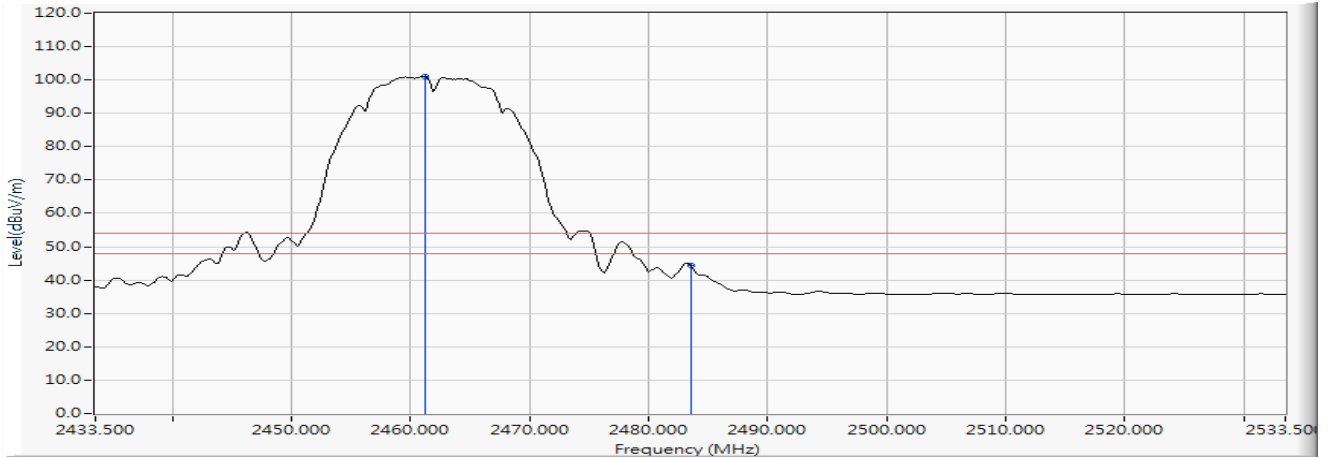
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2461.000	10.545	93.886	104.431	--	--	PEAK
2		2483.500	10.640	41.689	52.330	-21.670	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2462MHz)  
 Test Date : 2019/10/16

**Horizontal**



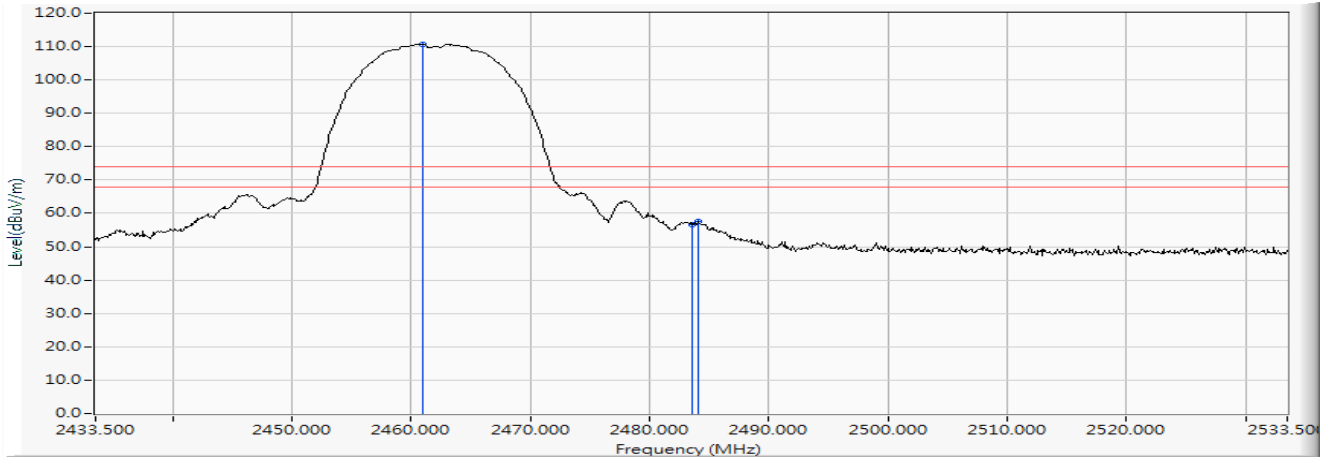
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2461.181	10.545	90.584	101.130	--	--	AVERAGE
2		2483.500	10.640	33.858	44.499	-9.501	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2462MHz)  
 Test Date : 2019/10/16

**Vertical**



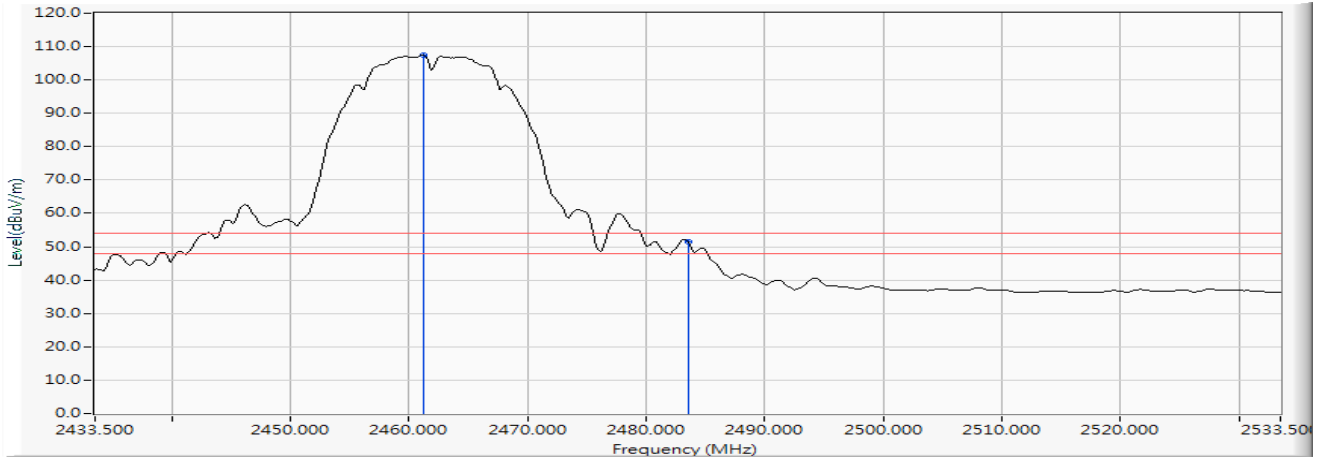
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2460.900	10.545	100.184	110.729	--	--	PEAK
2		2483.500	10.640	45.827	56.468	-17.532	74.000	PEAK
3		2484.100	10.644	46.880	57.524	-16.476	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2462MHz)  
 Test Date : 2019/10/16

**Vertical**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2461.181	10.545	96.845	107.391	--	--	AVERAGE
2		2483.500	10.640	40.948	51.589	-2.411	54.000	AVERAGE

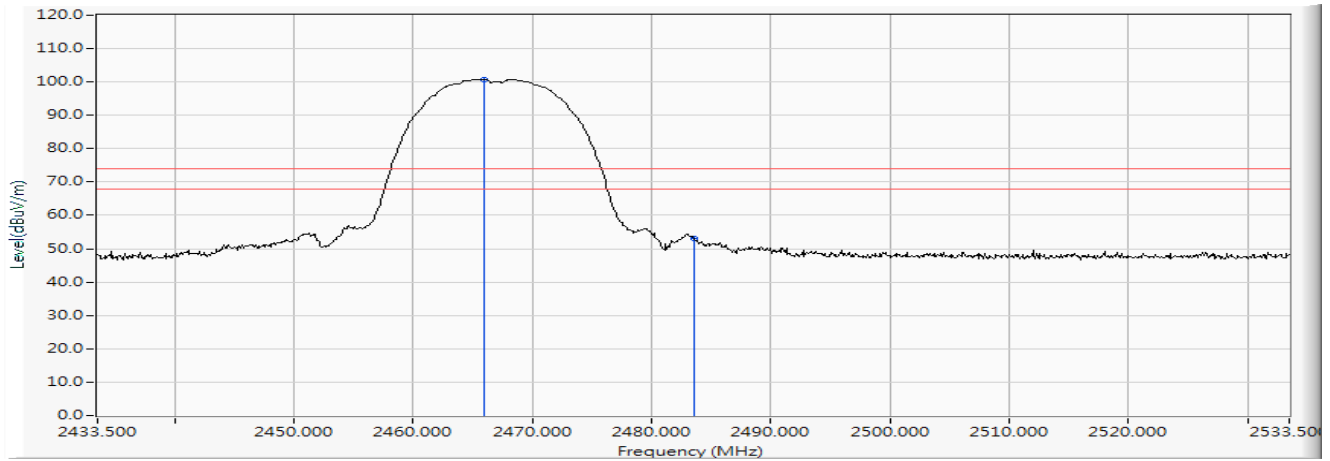
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2467MHz)  
 Test Date : 2019/10/16

**Horizontal**



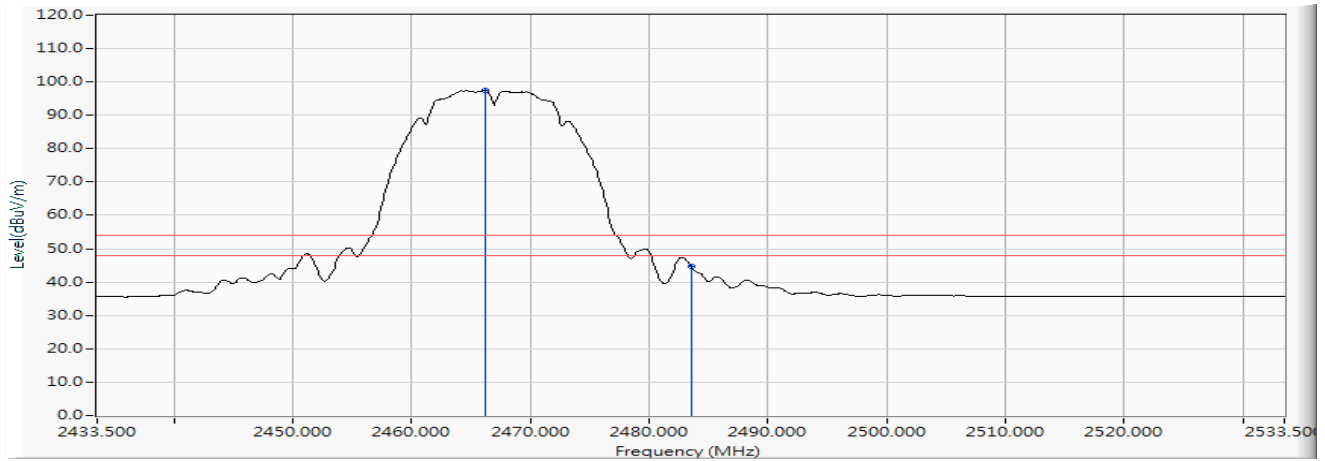
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2465.900	10.567	90.287	100.854	--	--	PEAK
2		2483.500	10.640	42.408	53.049	-20.951	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2467MHz)  
 Test Date : 2019/10/16

**Horizontal**



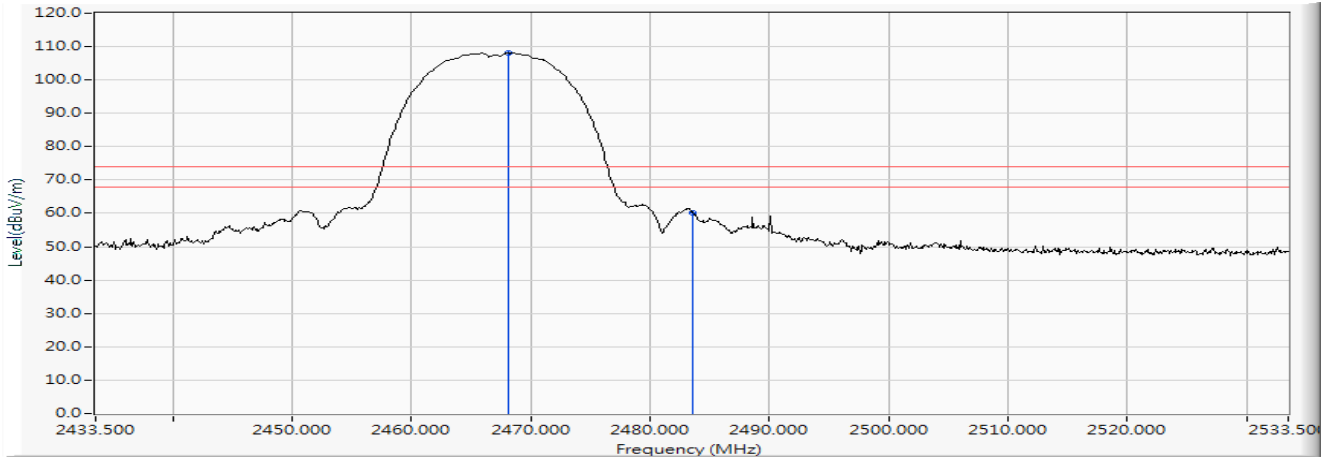
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2466.200	10.568	87.023	97.591	--	--	AVERAGE
2		2483.500	10.640	34.193	44.834	-9.166	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2467MHz)  
 Test Date : 2019/10/16

**Vertical**



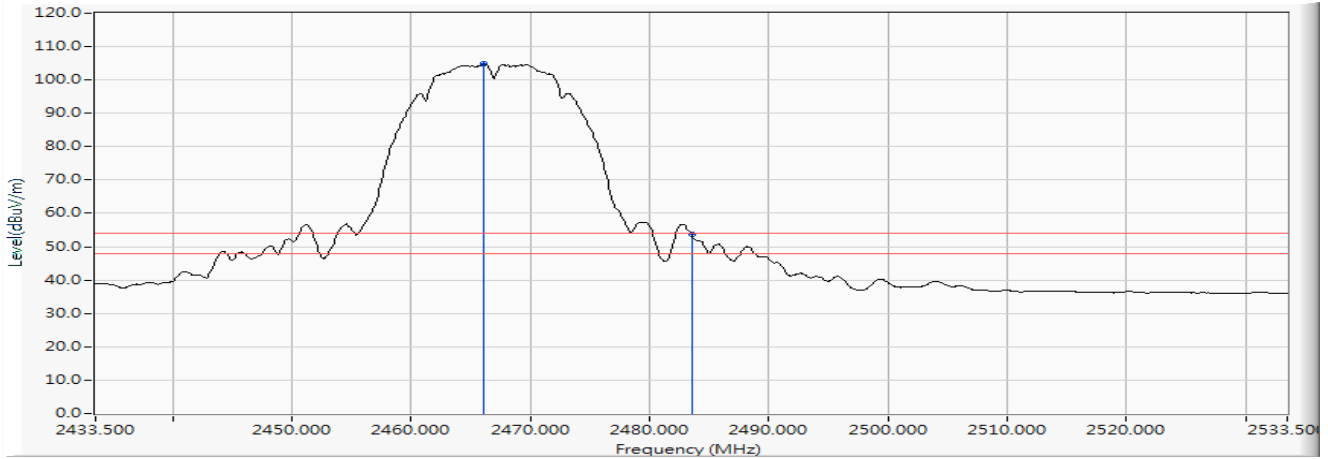
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2468.100	10.577	97.475	108.052	--	--	PEAK
2		2483.500	10.640	49.572	60.213	-13.787	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2467MHz)  
 Test Date : 2019/10/16

**Vertical**



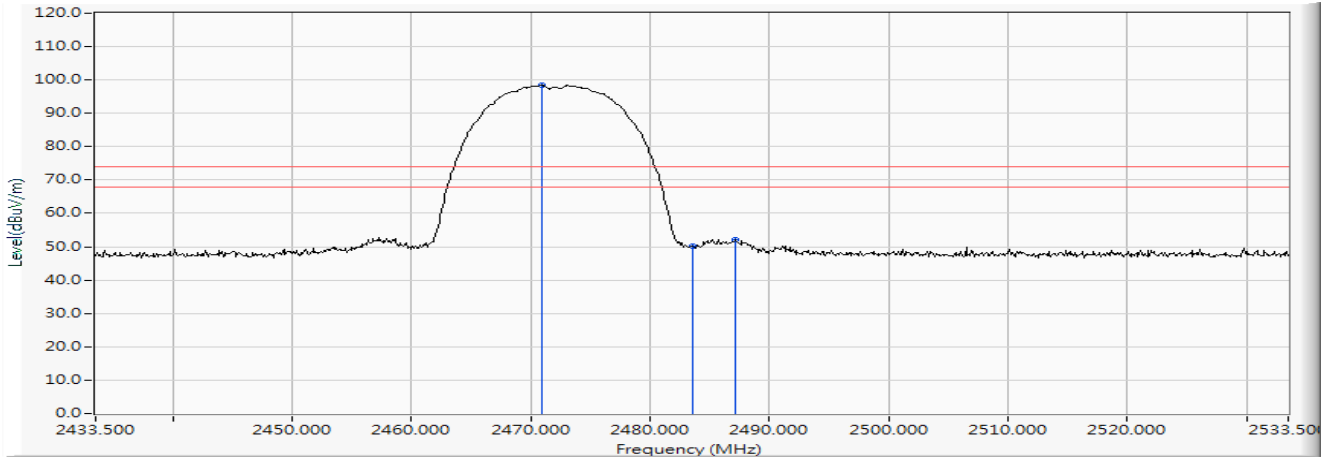
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2466.100	10.567	94.154	104.722	--	--	AVERAGE
2		2483.500	10.640	43.045	53.686	-0.314	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2472MHz)  
 Test Date : 2019/10/17

**Horizontal**



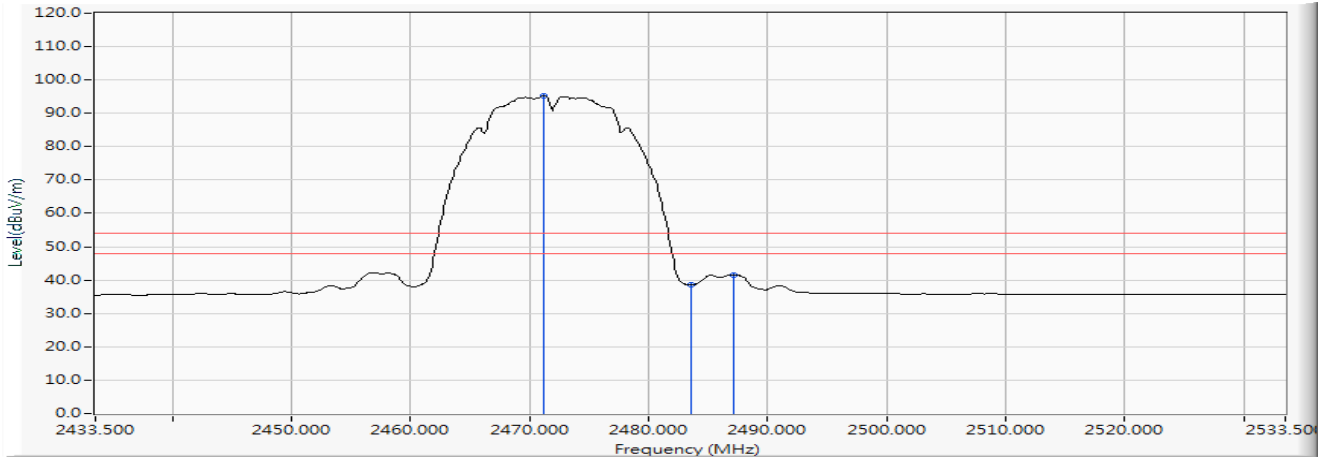
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2470.900	10.590	87.750	98.340	--	--	PEAK
2		2483.500	10.640	39.420	50.061	-23.939	74.000	PEAK
3		2487.200	10.655	41.388	52.043	-21.957	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2472MHz)  
 Test Date : 2019/10/17

**Horizontal**



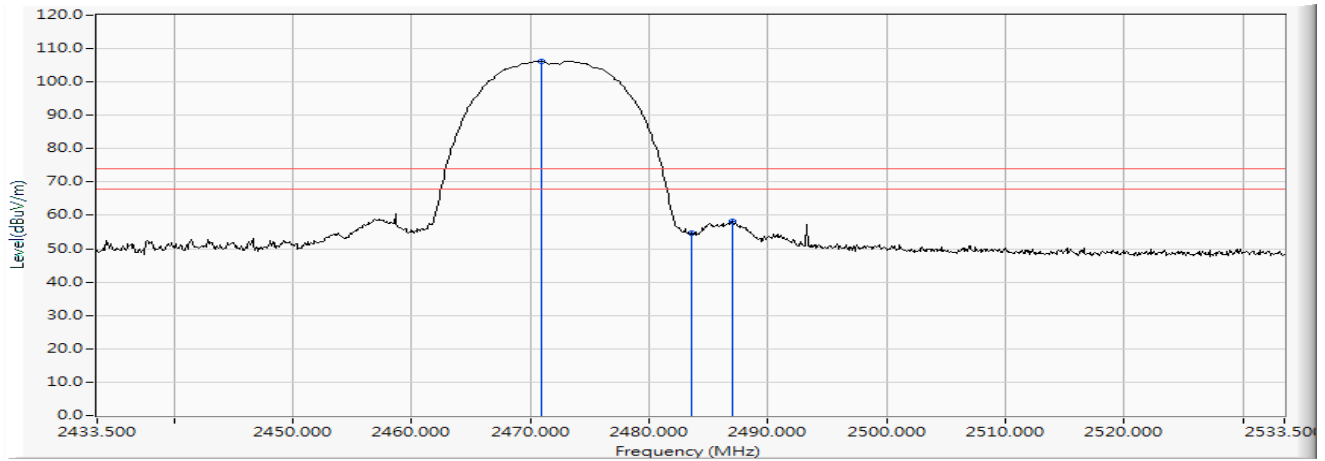
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2471.200	10.592	84.662	95.253	--	--	AVERAGE
2		2483.500	10.640	27.884	38.525	-15.475	54.000	AVERAGE
3		2487.100	10.655	30.915	41.570	-12.430	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2472MHz)  
 Test Date : 2019/10/17

**Vertical**



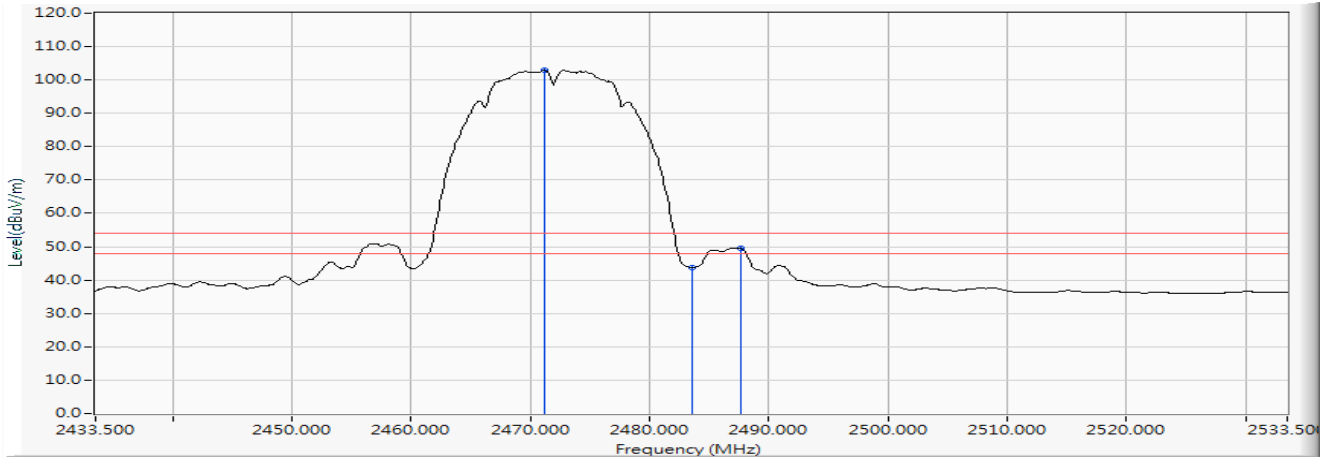
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2470.900	10.590	95.656	106.246	--	--	PEAK
2		2483.500	10.640	43.967	54.608	-19.392	74.000	PEAK
3		2487.000	10.654	47.587	58.242	-15.758	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2472MHz)  
 Test Date : 2019/10/17

**Vertical**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2471.200	10.592	92.447	103.038	--	--	AVERAGE
2		2483.500	10.640	33.177	43.818	-10.182	54.000	AVERAGE
3		2487.700	10.658	38.747	49.404	-4.596	54.000	AVERAGE

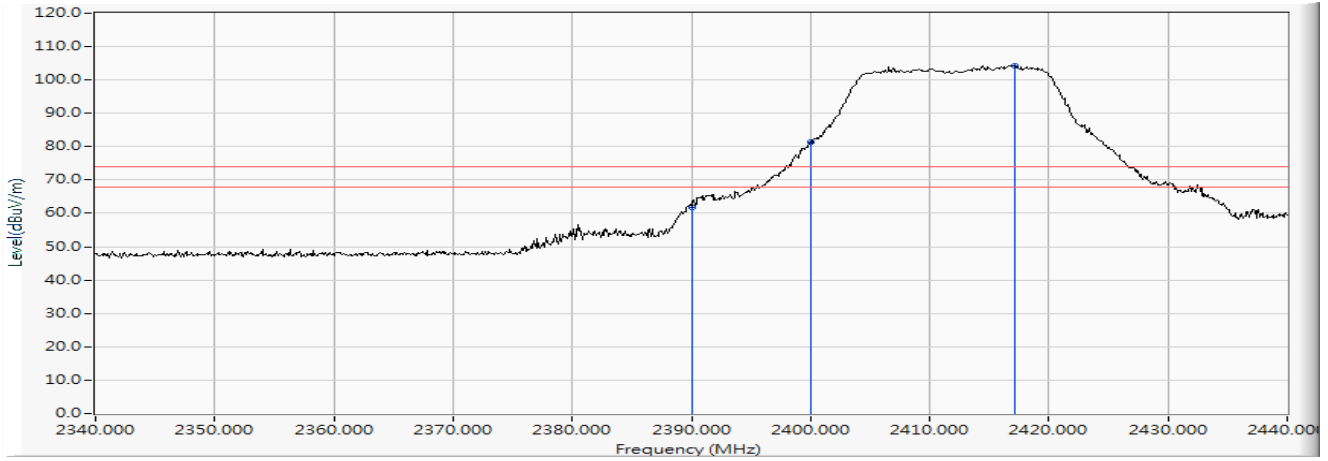
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2412MHz)  
 Test Date : 2019/10/17

**Horizontal**



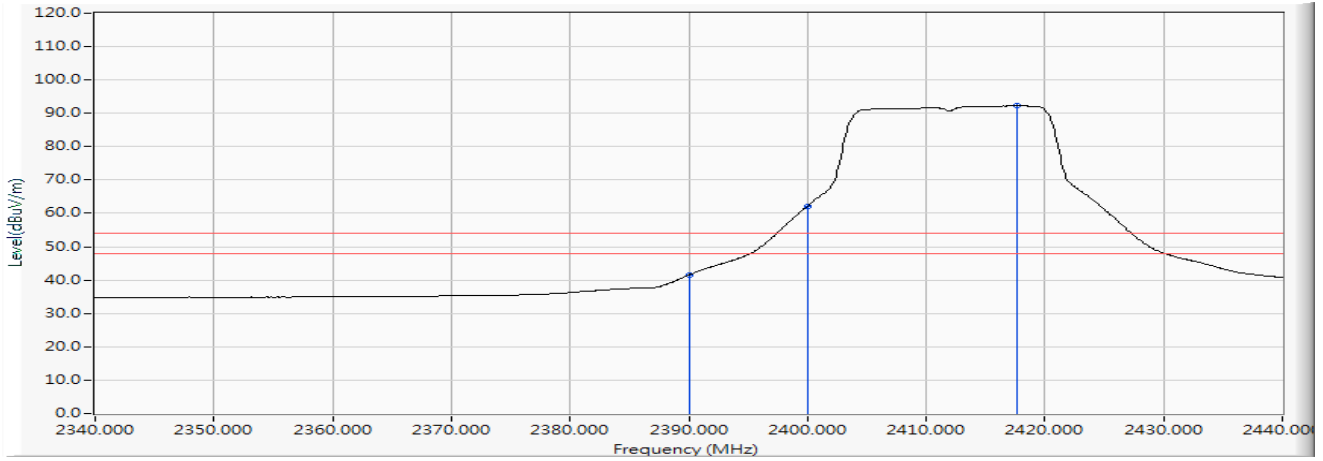
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector Type
1		2390.000	10.262	51.527	61.789	-12.211	74.000	PEAK
2		2400.000	10.304	71.108	81.411	--	--	PEAK
3	*	2417.100	10.373	94.000	104.372	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2412MHz)  
 Test Date : 2019/10/17

**Horizontal**



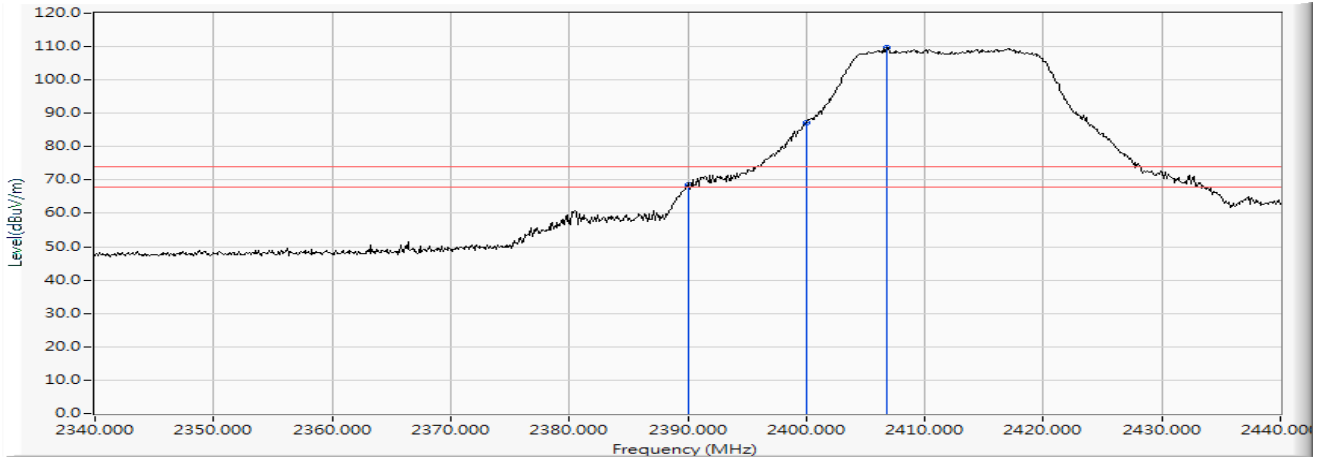
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		2390.000	10.262	31.270	41.532	-12.468	54.000	AVERAGE
2		2400.000	10.304	51.916	62.219	--	--	AVERAGE
3	*	2417.700	10.375	81.871	92.246	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2412MHz)  
 Test Date : 2019/10/17

**Vertical**



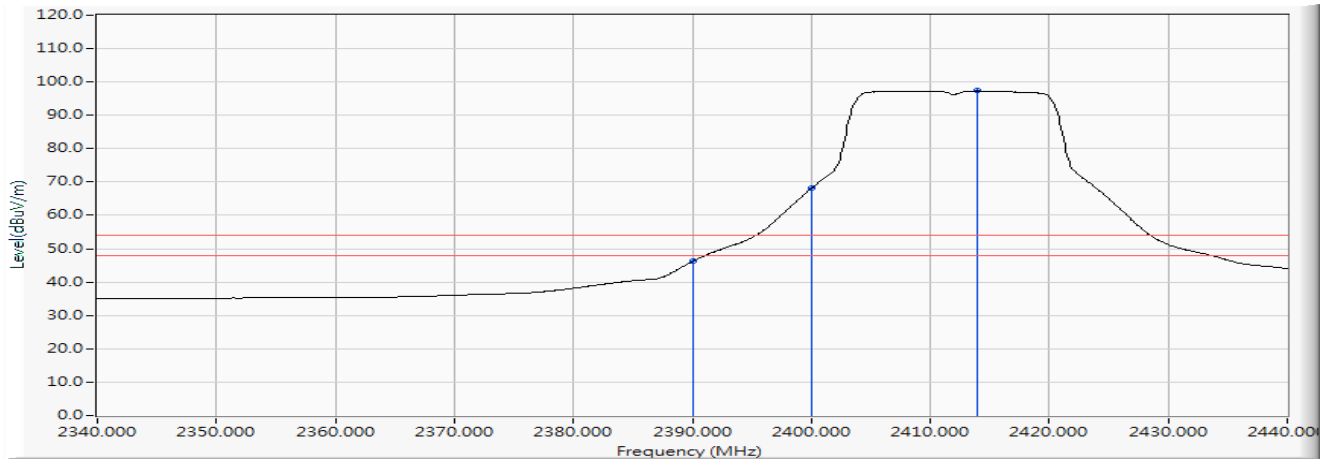
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		2390.000	10.262	58.270	68.532	-5.468	74.000	PEAK
2		2400.000	10.304	76.976	87.279	--	--	PEAK
3	*	2406.800	10.331	99.430	109.761	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2412MHz)  
 Test Date : 2019/10/17

**Vertical**



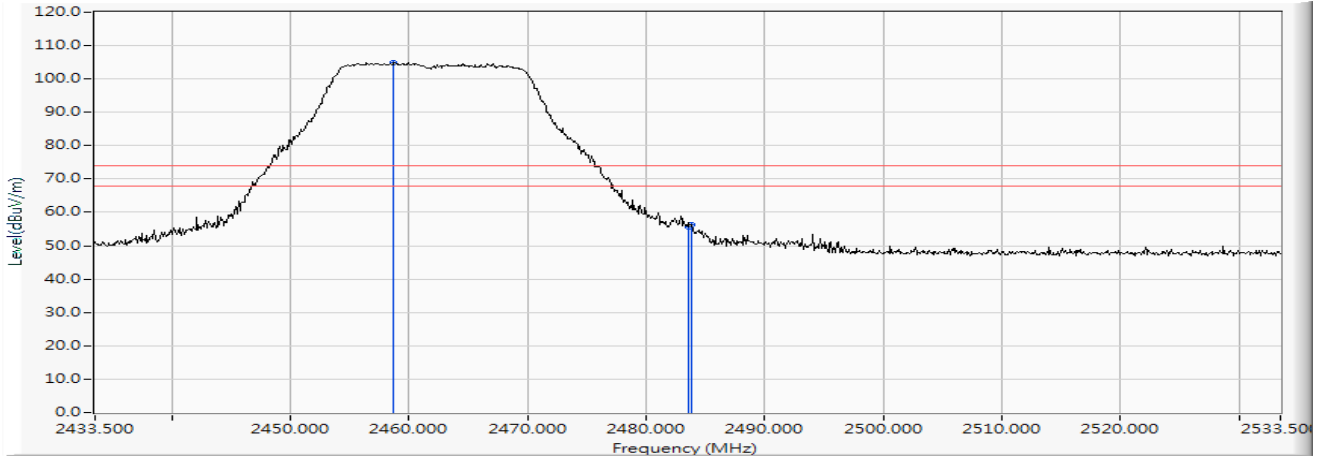
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		2390.000	10.262	35.930	46.192	-7.808	54.000	AVERAGE
2		2400.000	10.304	57.754	68.057	--	--	AVERAGE
3	*	2413.900	10.359	86.963	97.323	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2462MHz)  
 Test Date : 2019/10/17

**Horizontal**



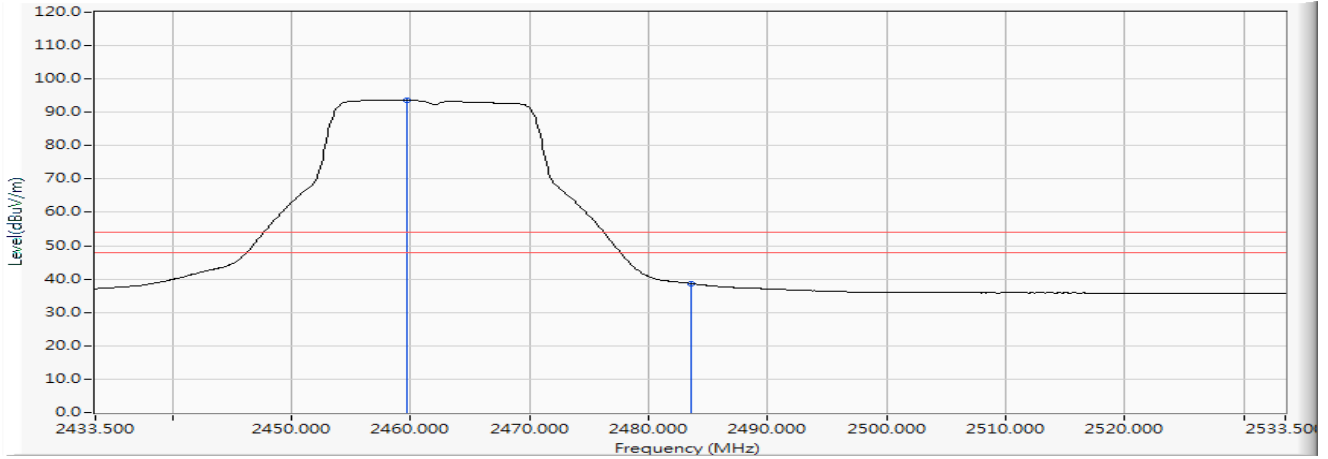
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2458.700	10.535	94.499	105.034	--	--	PEAK
2		2483.500	10.640	45.080	55.721	-18.279	74.000	PEAK
3		2483.800	10.643	45.680	56.322	-17.678	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2462MHz)  
 Test Date : 2019/10/17

**Horizontal**



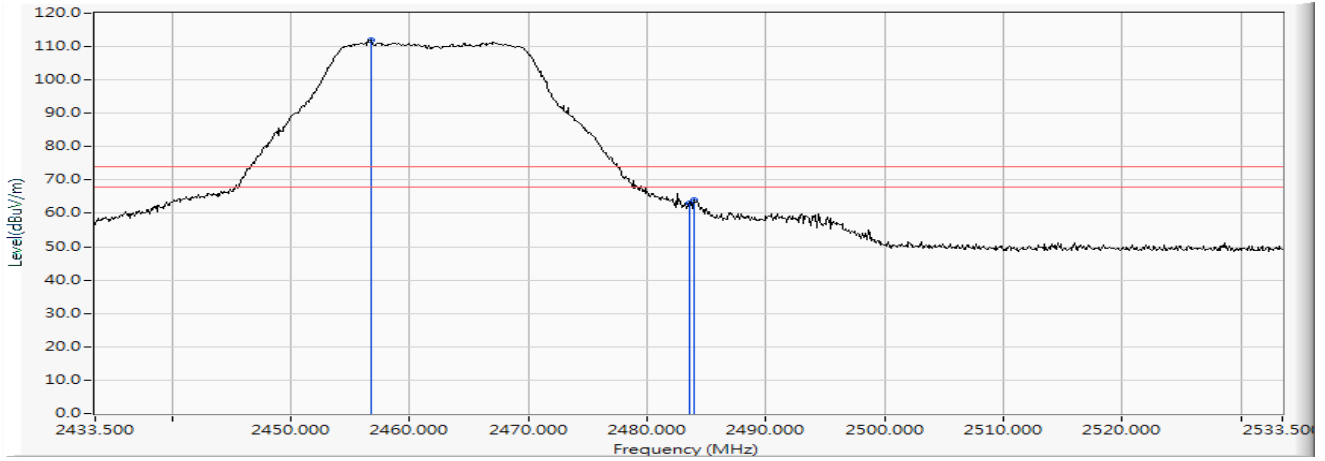
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2459.700	10.540	83.042	93.581	--	--	AVERAGE
2		2483.500	10.640	28.057	38.698	-15.302	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2462MHz)  
 Test Date : 2019/10/17

**Vertical**



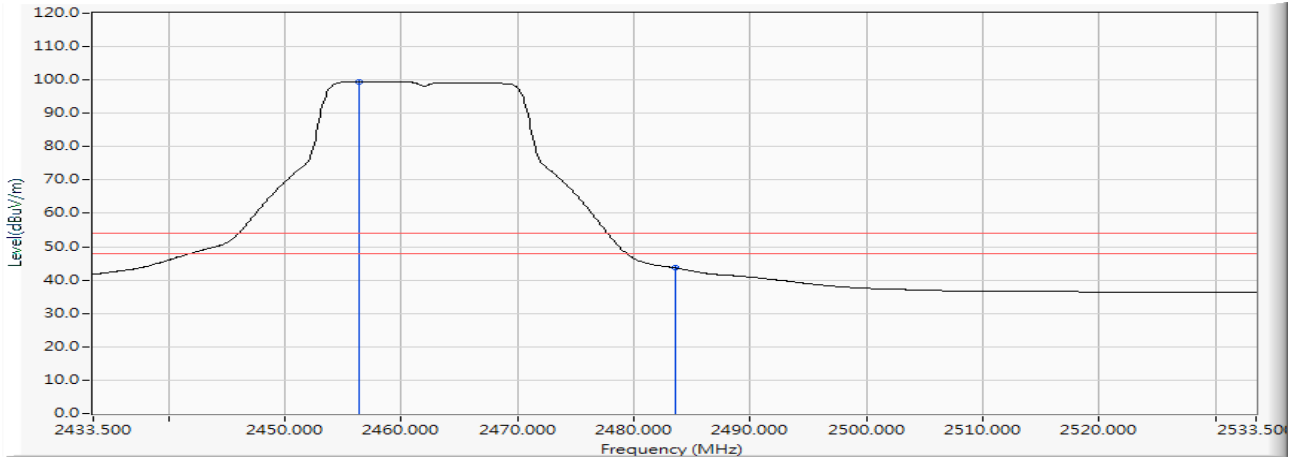
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2456.800	10.526	101.549	112.076	--	--	PEAK
2		2483.500	10.640	52.560	63.201	-10.799	74.000	PEAK
3		2483.900	10.644	53.441	64.084	-9.916	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2462MHz)  
 Test Date : 2019/10/17

**Vertical**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2456.300	10.525	88.968	99.492	--	--	AVERAGE
2		2483.500	10.640	33.035	43.676	-10.324	54.000	AVERAGE

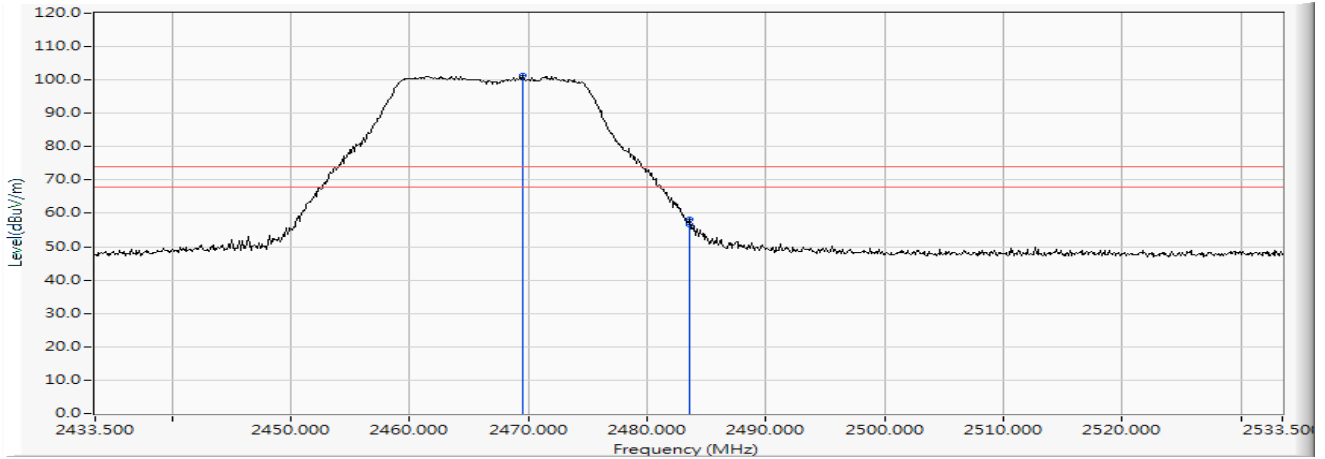
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2467MHz)  
 Test Date : 2019/10/17

**Horizontal**



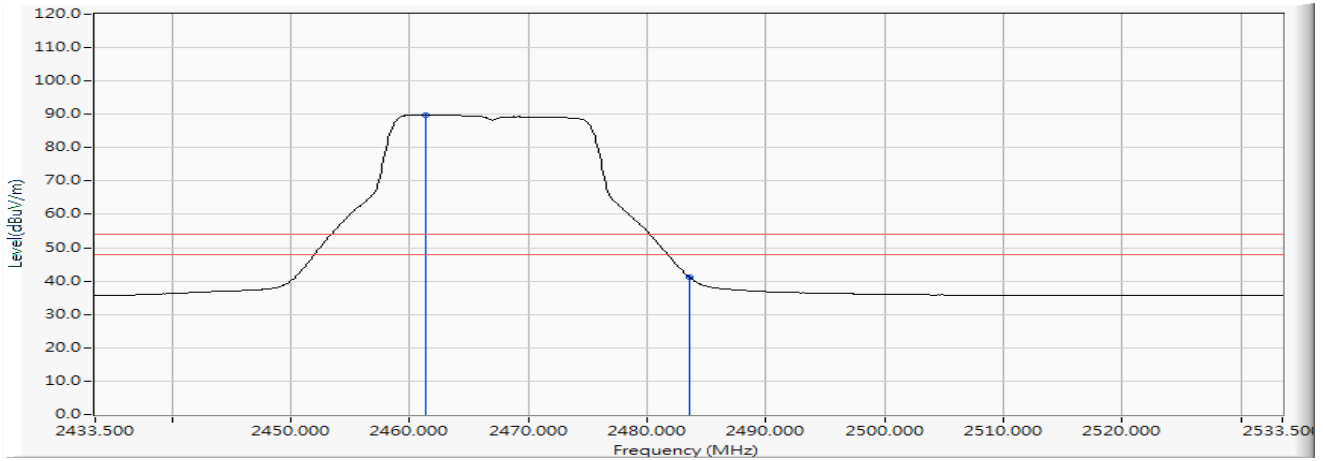
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2469.500	10.583	90.667	101.250	--	--	PEAK
2		2483.500	10.640	45.823	56.464	-17.536	74.000	PEAK
3		2483.600	10.642	47.721	58.363	-15.637	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2467MHz)  
 Test Date : 2019/10/17

**Horizontal**



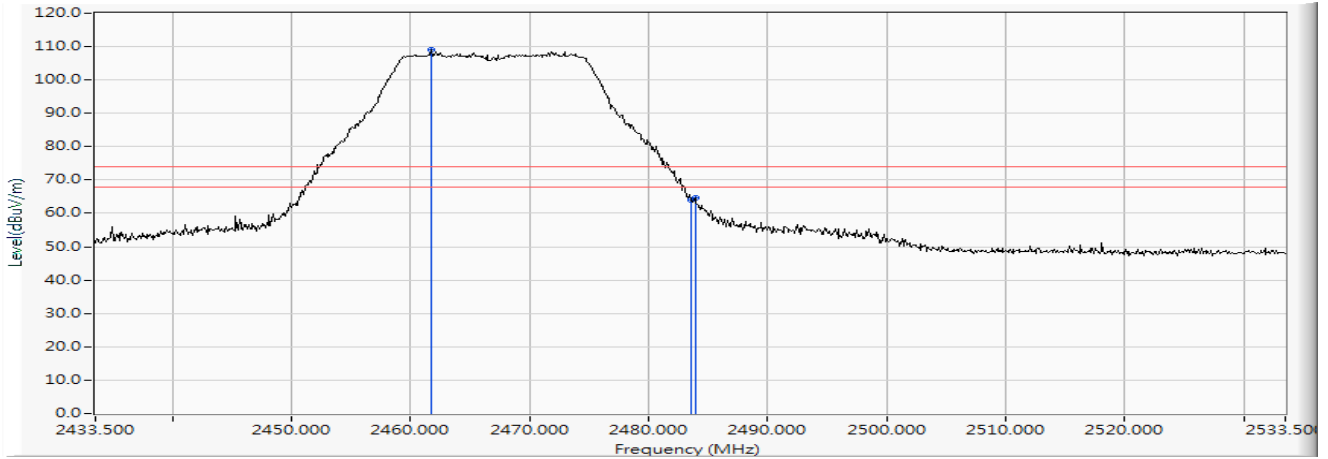
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2461.400	10.547	79.304	89.851	--	--	AVERAGE
2		2483.500	10.640	30.647	41.288	-12.712	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2467MHz)  
 Test Date : 2019/10/17

**Vertical**



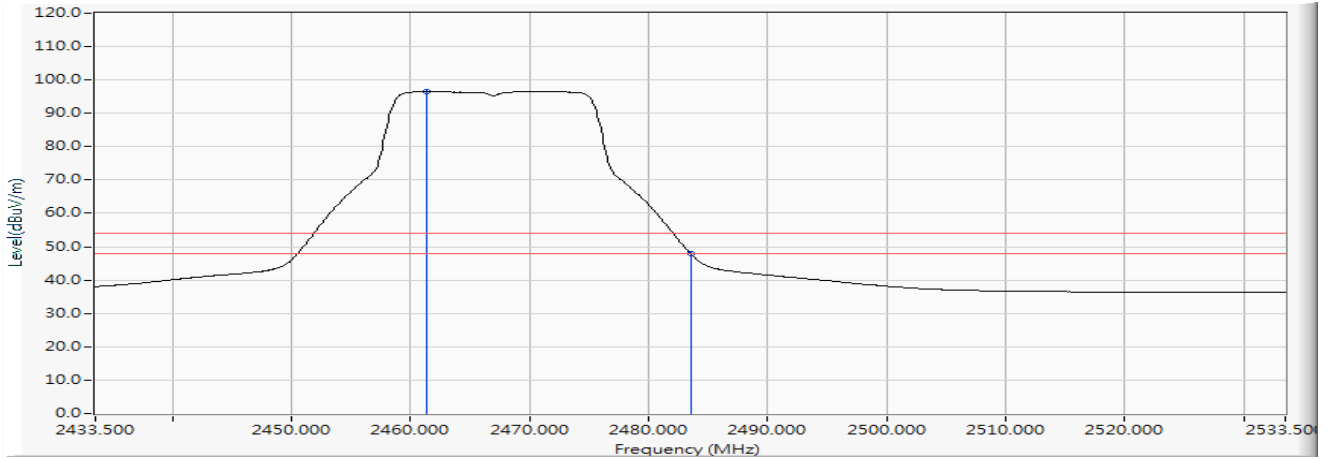
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2461.700	10.549	98.586	109.134	--	--	PEAK
2		2483.500	10.640	53.450	64.091	-9.909	74.000	PEAK
3		2483.900	10.644	53.866	64.509	-9.491	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2467MHz)  
 Test Date : 2019/10/17

**Vertical**



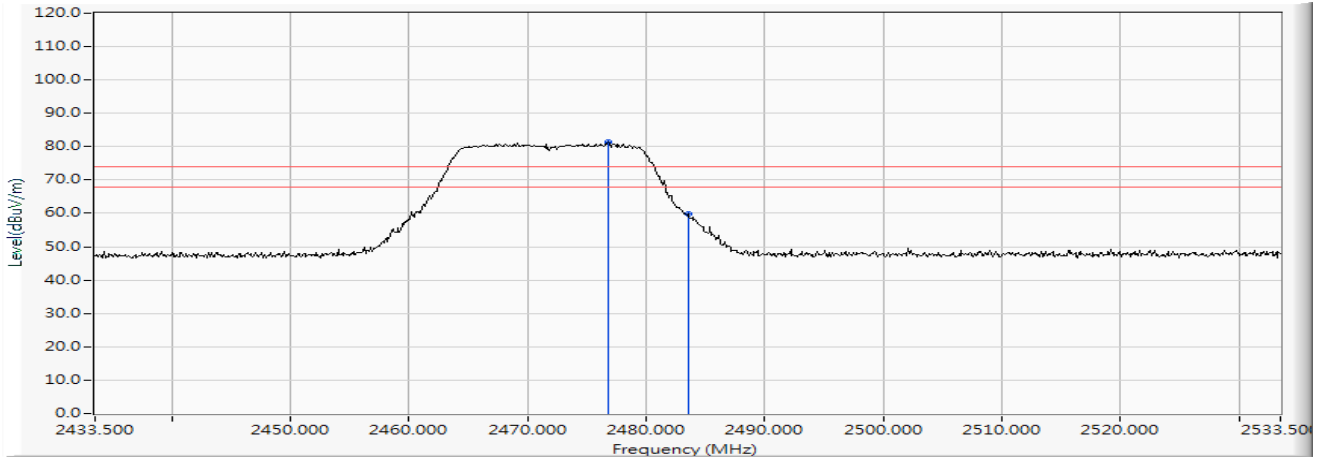
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2461.400	10.547	85.941	96.488	--	--	AVERAGE
2		2483.500	10.640	37.342	47.983	-6.017	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2472MHz)  
 Test Date : 2019/10/17

**Horizontal**



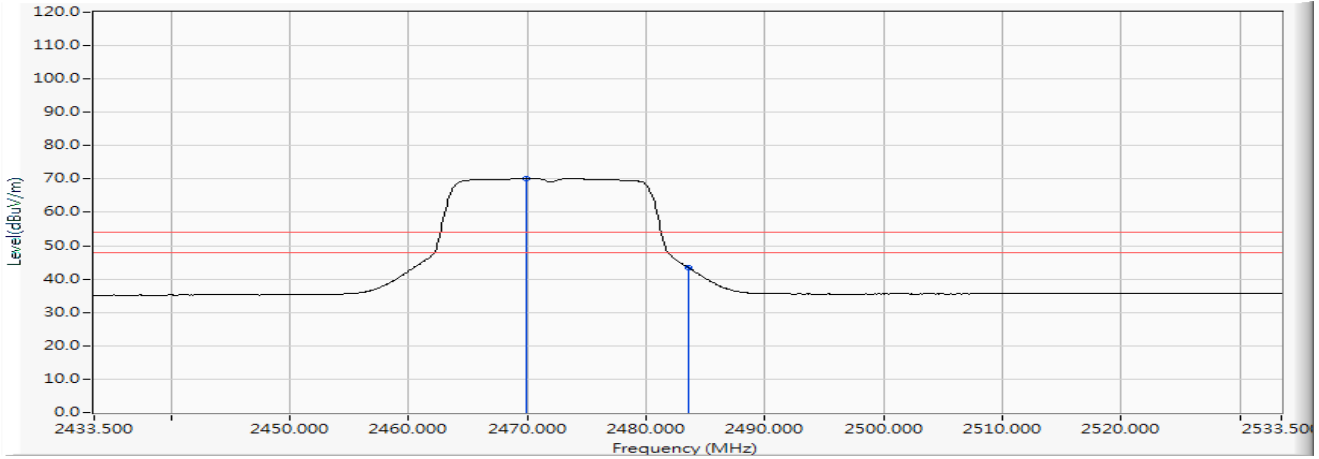
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2476.800	10.615	70.730	81.345	--	--	PEAK
2		2483.500	10.640	49.125	59.766	-14.234	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2472MHz)  
 Test Date : 2019/10/17

**Horizontal**



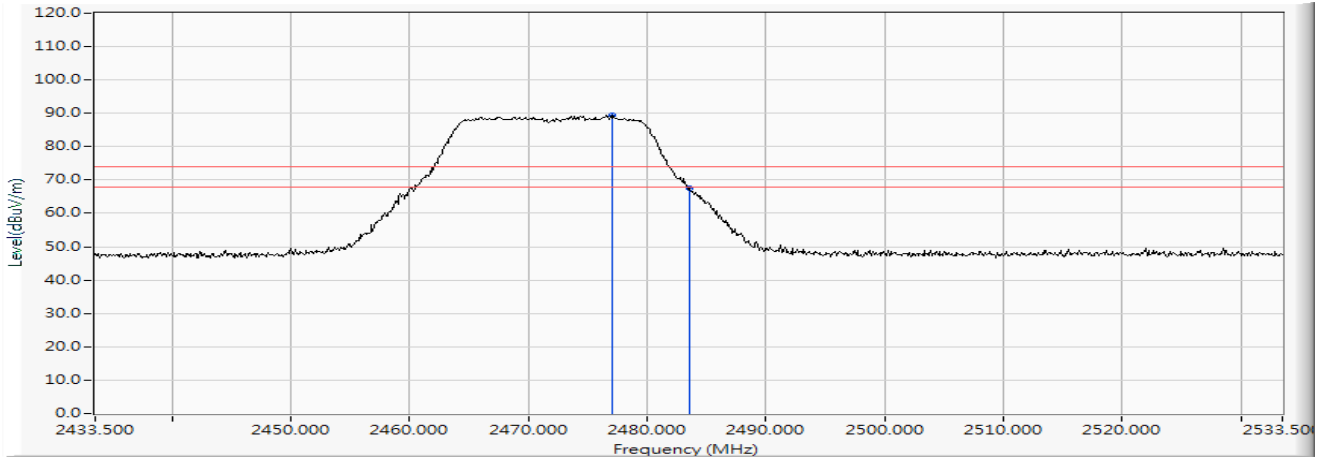
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2469.900	10.585	59.545	70.130	--	--	AVERAGE
2		2483.500	10.640	32.935	43.576	-10.424	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2472MHz)  
 Test Date : 2019/10/17

**Vertical**



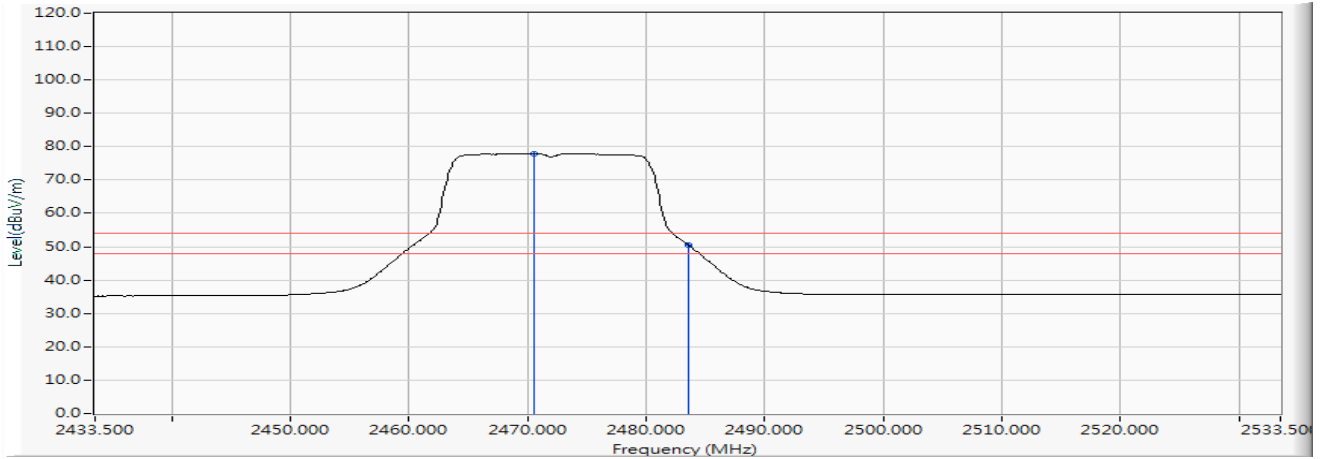
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2477.000	10.616	78.837	89.453	--	--	PEAK
2		2483.500	10.640	57.052	67.693	-6.307	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2472MHz)  
 Test Date : 2019/10/17

**Vertical**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2470.600	10.588	67.331	77.919	--	--	AVERAGE
2		2483.500	10.640	39.977	50.618	-3.382	54.000	AVERAGE

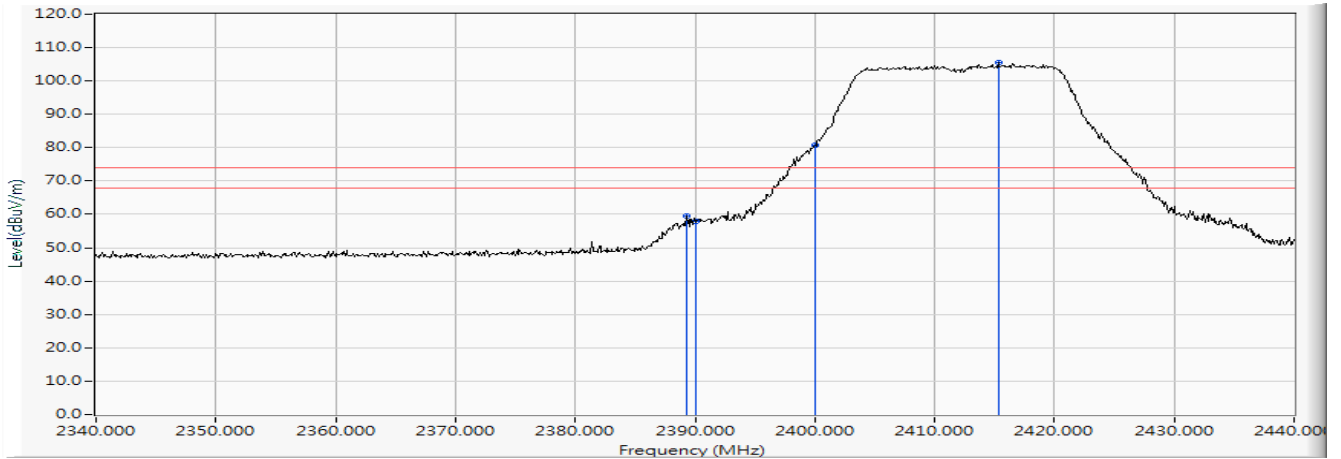
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2412MHz)  
 Test Date : 2019/10/17

**Horizontal**



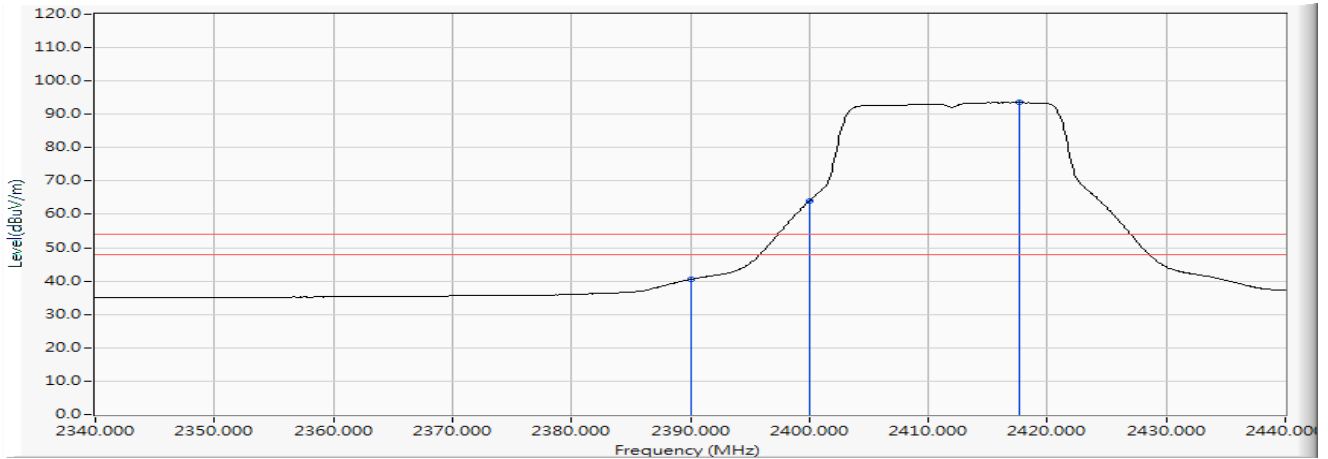
		<b>Frequency (MHz)</b>	<b>Correct Factor (dB)</b>	<b>Reading Level (dBµV)</b>	<b>Measure Level (dBµV/m)</b>	<b>Margin (dB)</b>	<b>Limit (dBµV/m)</b>	<b>Detector Type</b>
1		2389.300	10.260	49.128	59.387	-14.613	74.000	PEAK
2		2390.000	10.262	47.708	57.970	-16.030	74.000	PEAK
3		2400.000	10.304	70.357	80.660	--	--	PEAK
4	*	2415.300	10.365	95.265	105.630	--	--	PEAK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2412MHz)  
 Test Date : 2019/10/17

**Horizontal**



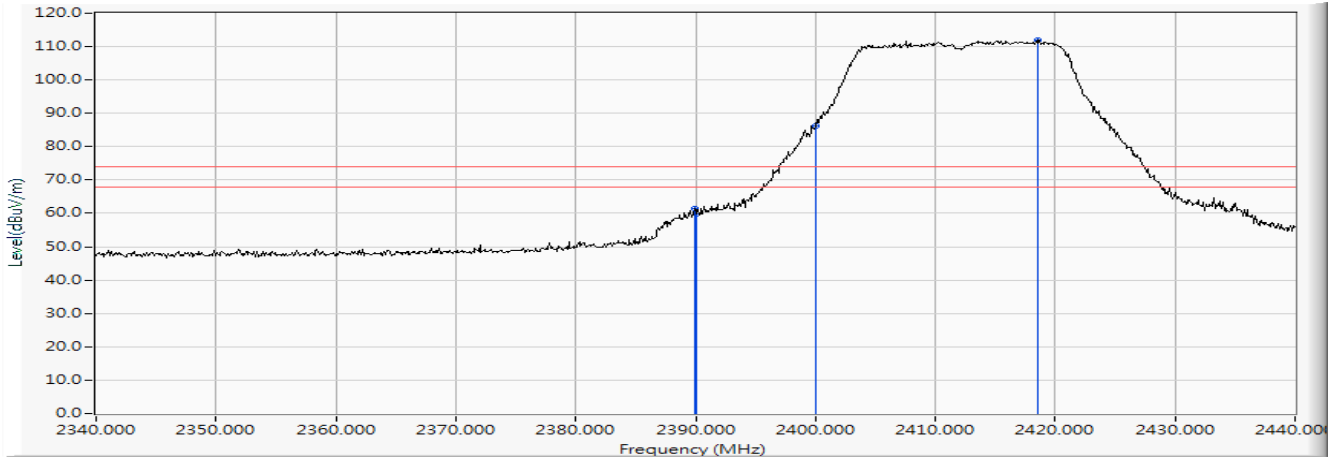
		<b>Frequency (MHz)</b>	<b>Correct Factor (dB)</b>	<b>Reading Level (dBµV)</b>	<b>Measure Level (dBµV/m)</b>	<b>Margin (dB)</b>	<b>Limit (dBµV/m)</b>	<b>Detector Type</b>
1		2390.000	10.262	30.251	40.513	-13.487	54.000	AVERAGE
2		2400.000	10.304	53.763	64.066	--	--	AVERAGE
3	*	2417.700	10.375	83.160	93.535	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2412MHz)  
 Test Date : 2019/10/17

**Vertical**



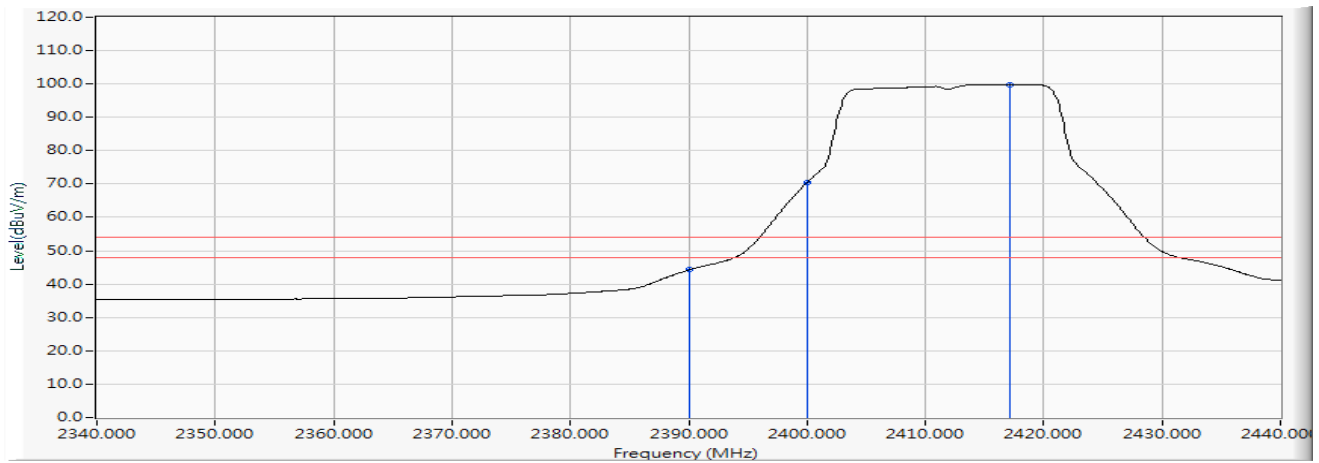
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		2389.900	10.262	51.039	61.301	-12.699	74.000	PEAK
2		2390.000	10.262	49.644	59.906	-14.094	74.000	PEAK
3		2400.000	10.304	75.914	86.217	--	--	PEAK
4	*	2418.600	10.379	101.445	111.823	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2412MHz)  
 Test Date : 2019/10/17

**Vertical**



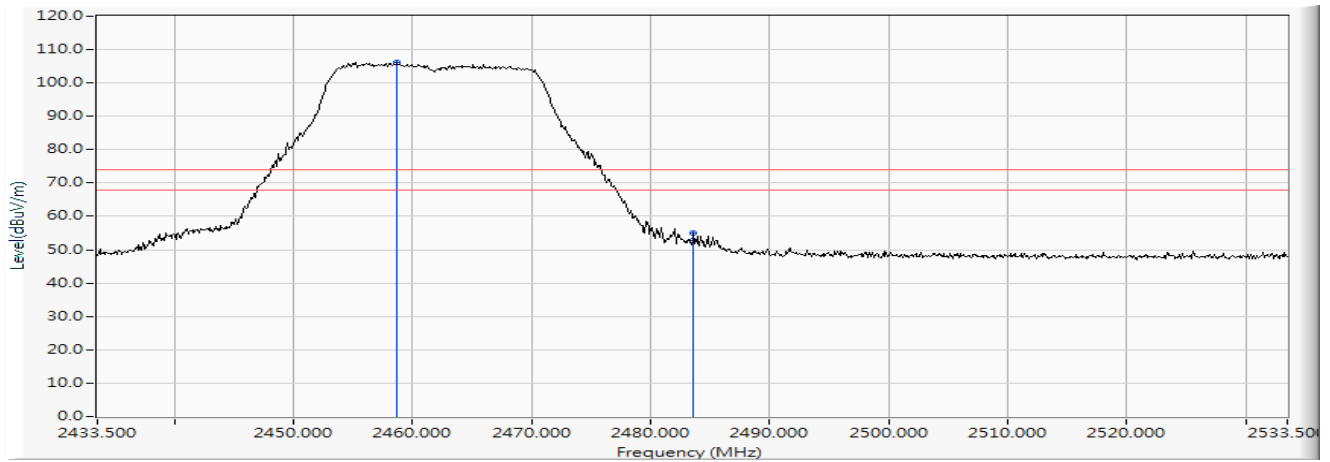
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		2390.000	10.262	33.996	44.258	-9.742	54.000	AVERAGE
2		2400.000	10.304	60.029	70.332	--	--	AVERAGE
3	*	2417.100	10.373	89.455	99.827	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2462MHz)  
 Test Date : 2019/10/17

**Horizontal**



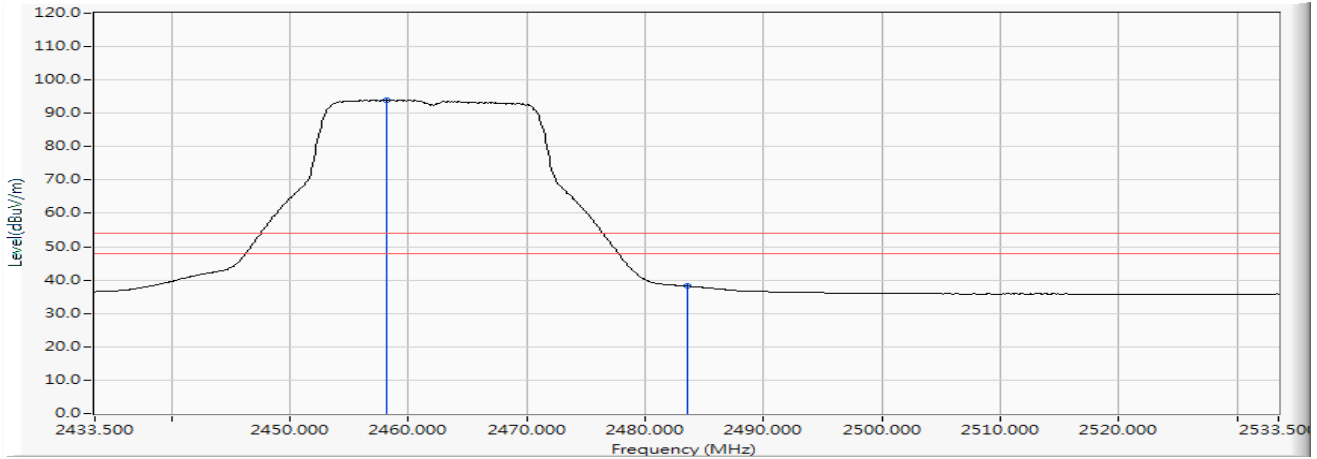
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2458.700	10.535	95.520	106.055	--	--	PEAK
2		2483.500	10.640	42.228	52.869	-21.131	74.000	PEAK
3		2483.600	10.642	44.366	55.008	-18.992	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2462MHz)  
 Test Date : 2019/10/17

**Horizontal**



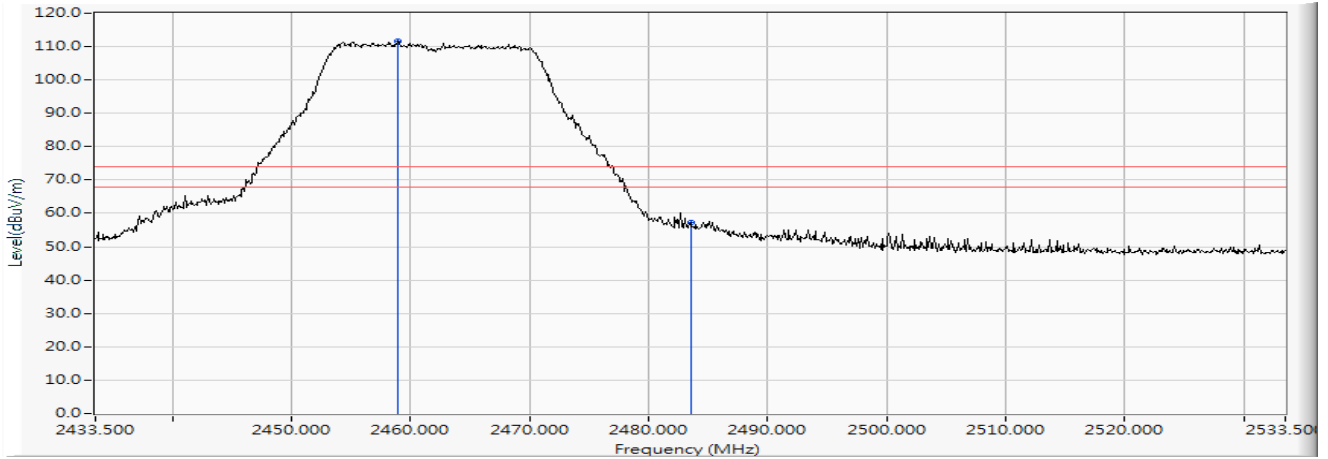
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2458.100	10.533	83.389	93.921	--	--	AVERAGE
2		2483.500	10.640	27.507	38.148	-15.852	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2462MHz)  
 Test Date : 2019/10/17

**Vertical**



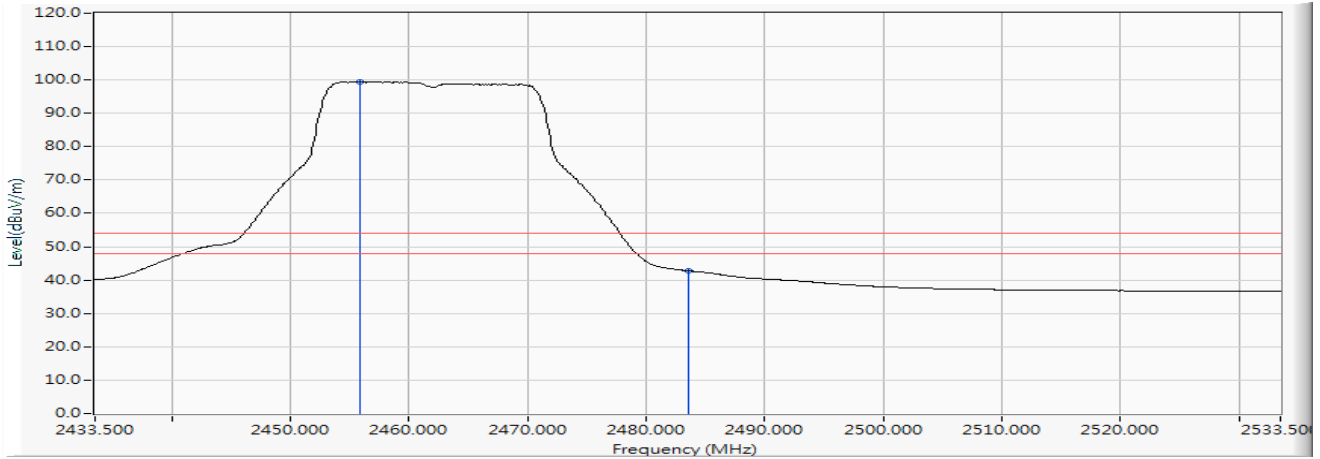
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2458.900	10.536	101.018	111.554	--	--	PEAK
2		2483.500	10.640	46.746	57.387	-16.613	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2462MHz)  
 Test Date : 2019/10/17

**Vertical**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2455.900	10.524	88.988	99.511	--	--	AVERAGE
2		2483.500	10.640	32.156	42.797	-11.203	54.000	AVERAGE

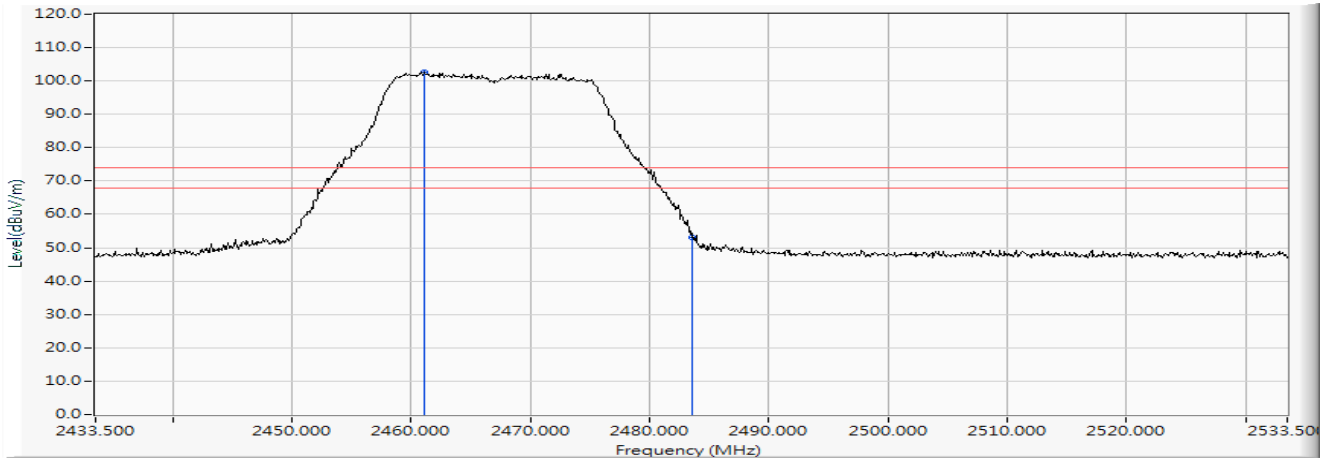
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2467MHz)  
 Test Date : 2019/10/17

**Horizontal**



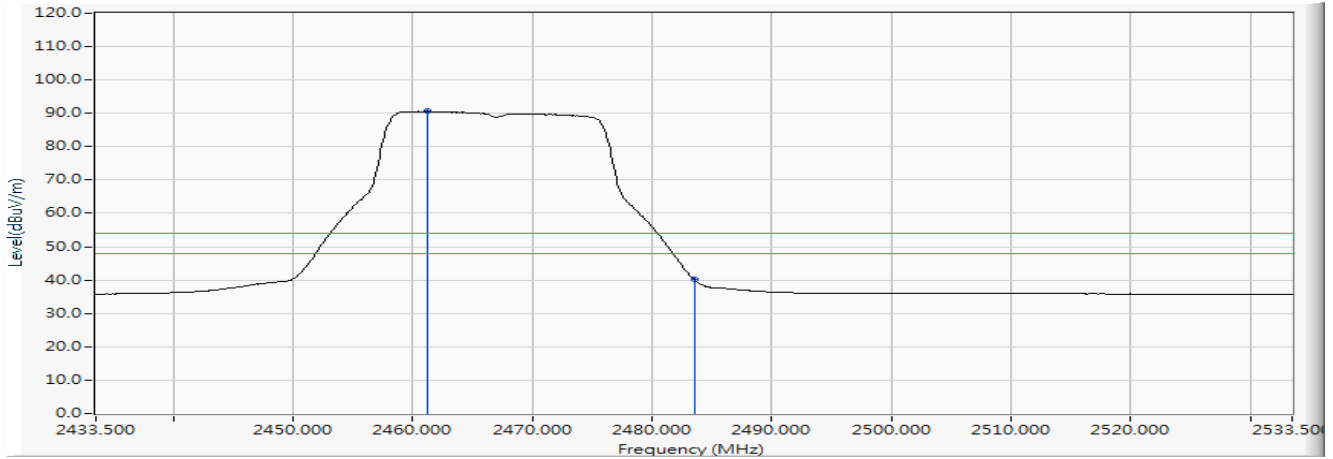
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2461.100	10.545	92.181	102.727	--	--	PEAK
2		2483.500	10.640	42.563	53.204	-20.796	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2467MHz)  
 Test Date : 2019/10/17

**Horizontal**



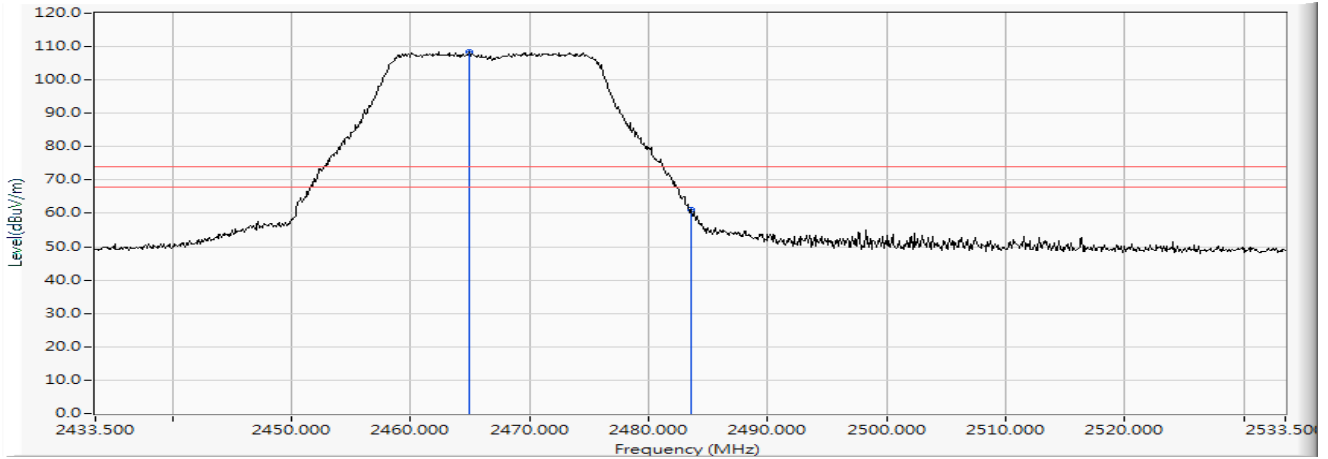
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2461.200	10.545	80.026	90.572	--	--	AVERAGE
2		2483.500	10.640	29.471	40.112	-13.888	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2467MHz)  
 Test Date : 2019/10/17

**Vertical**



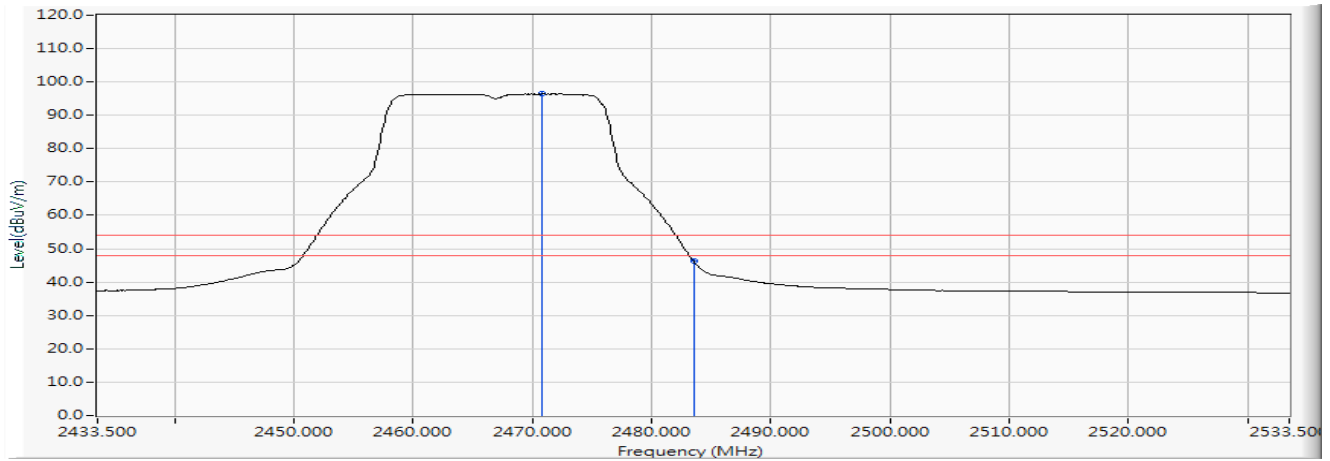
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2464.900	10.562	97.882	108.444	--	--	PEAK
2		2483.500	10.640	50.644	61.285	-12.715	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2467MHz)  
 Test Date : 2019/10/17

**Vertical**



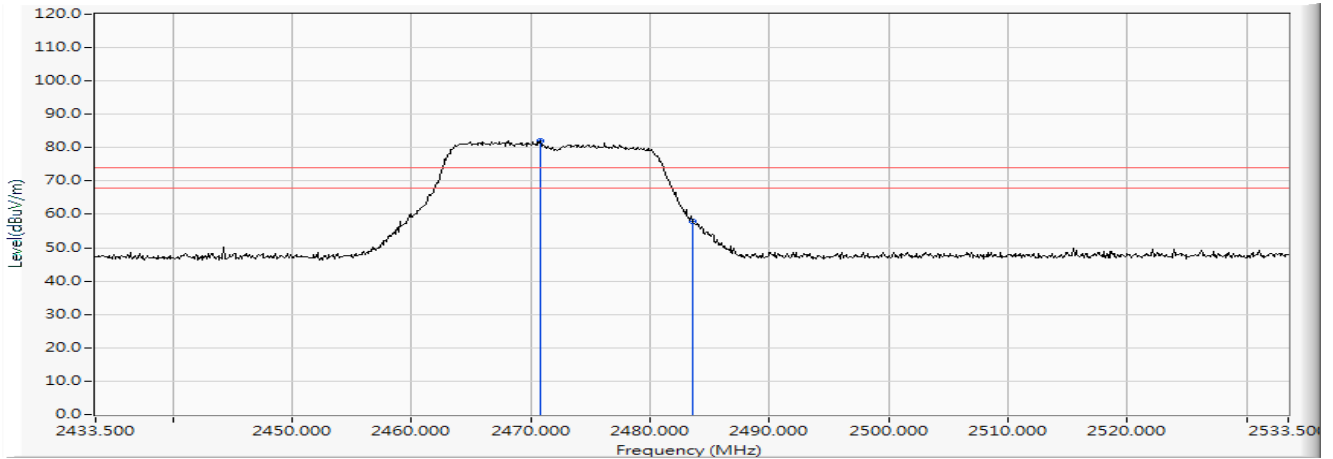
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2470.800	10.589	85.856	96.445	--	--	AVERAGE
2		2483.500	10.640	35.750	46.391	-7.609	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2472MHz)  
 Test Date : 2019/10/17

**Horizontal**



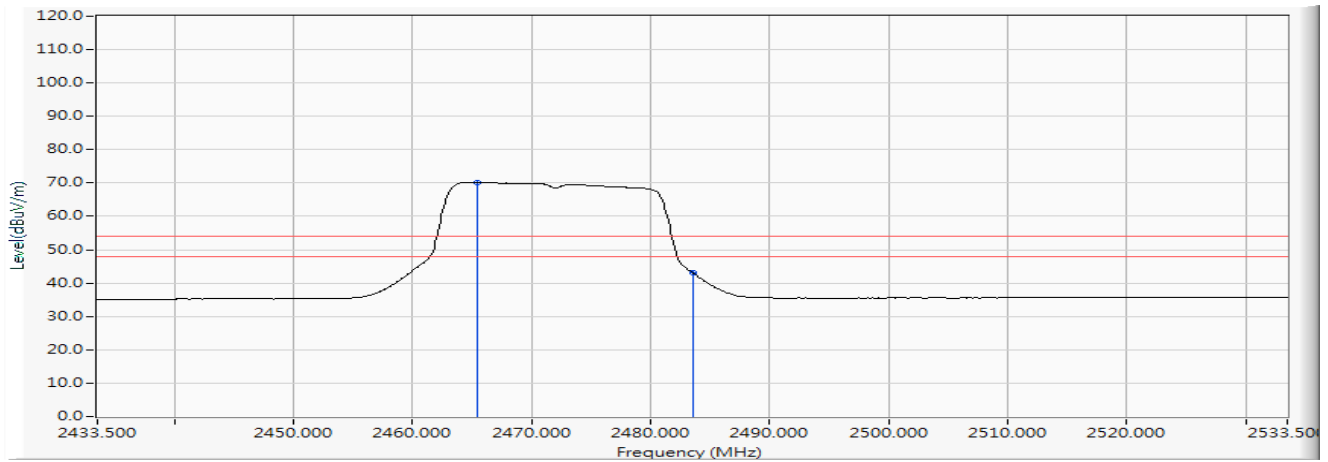
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector Type
1	*	2470.800	10.589	71.459	82.048	--	--	PEAK
2		2483.500	10.640	47.144	57.785	-16.215	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2472MHz)  
 Test Date : 2019/10/17

**Horizontal**



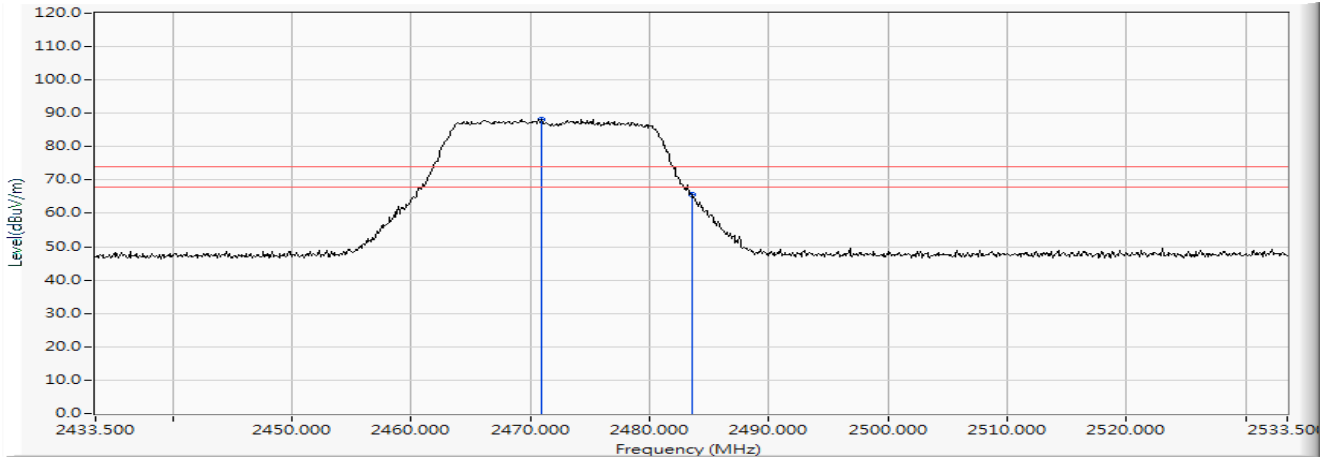
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2465.400	10.565	59.554	70.119	--	--	AVERAGE
2		2483.500	10.640	32.494	43.135	-10.865	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2472MHz)  
 Test Date : 2019/10/17

**Vertical**



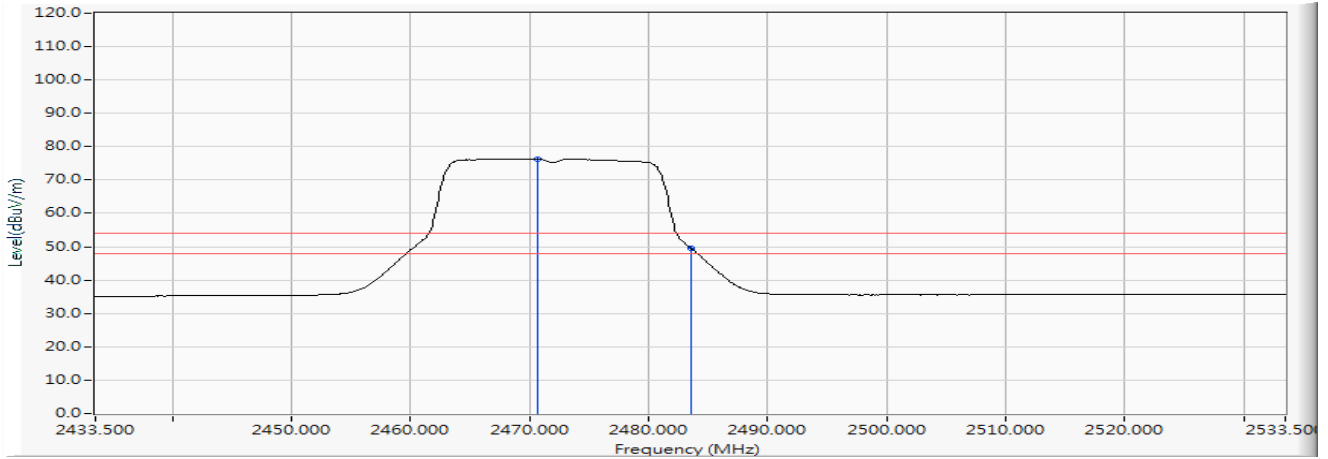
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2470.900	10.590	77.673	88.263	--	--	PEAK
2		2483.500	10.640	55.147	65.788	-8.212	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-20MBW 14.4Mbps) (2472MHz)  
 Test Date : 2019/10/17

**Vertical**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2470.700	10.589	65.814	76.403	--	--	AVERAGE
2		2483.500	10.640	39.043	49.684	-4.316	54.000	AVERAGE

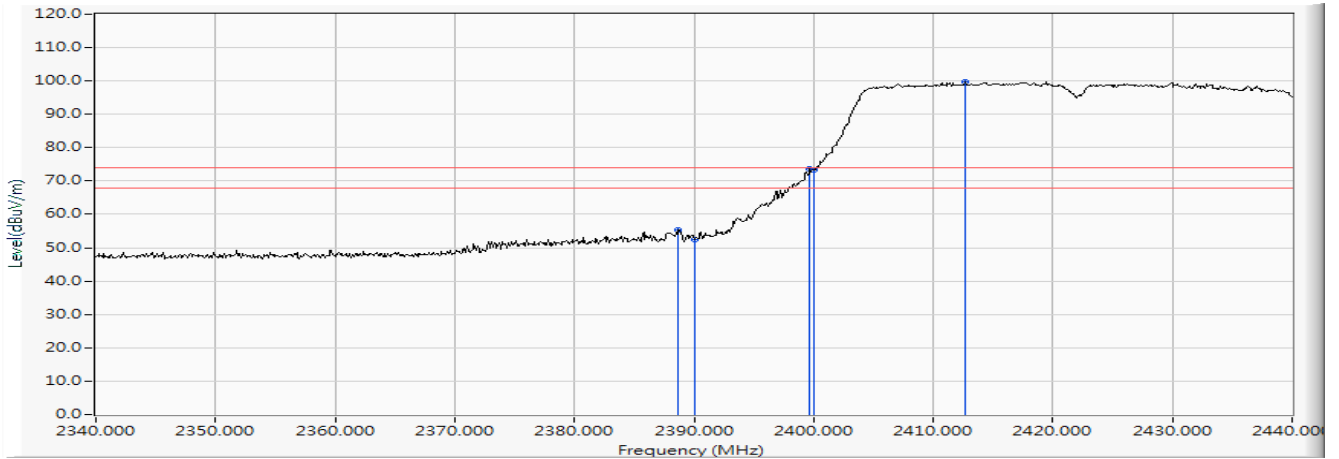
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2422MHz)  
 Test Date : 2019/10/16

**Horizontal**



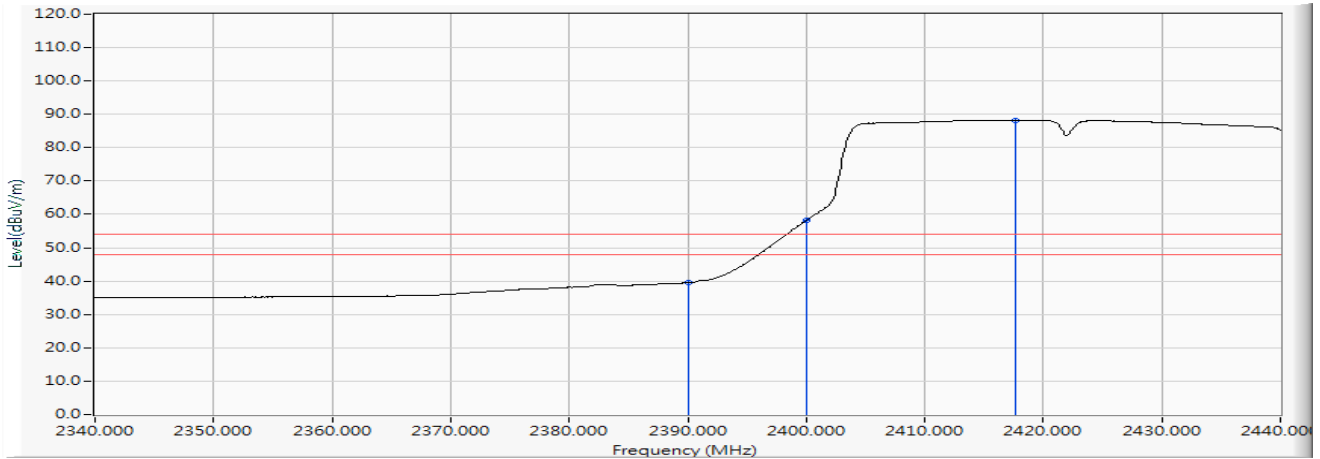
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		2388.600	10.257	45.025	55.281	-18.719	74.000	PEAK
2		2390.000	10.262	42.211	52.473	-21.527	74.000	PEAK
3		2399.700	10.302	63.340	73.642	--	--	PEAK
4		2400.000	10.304	63.086	73.389	--	--	PEAK
5	*	2412.700	10.354	89.450	99.805	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2422MHz)  
 Test Date : 2019/10/17

**Horizontal**



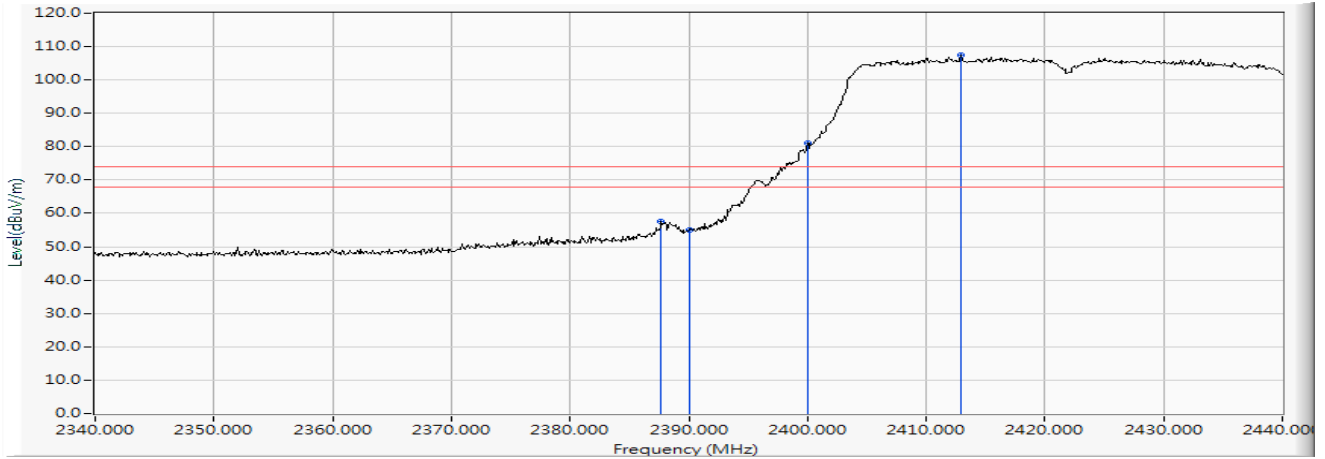
		<b>Frequency (MHz)</b>	<b>Correct Factor (dB)</b>	<b>Reading Level (dBµV)</b>	<b>Measure Level (dBµV/m)</b>	<b>Margin (dB)</b>	<b>Limit (dBµV/m)</b>	<b>Detector Type</b>
1		2390.000	10.262	29.244	39.506	-14.494	54.000	AVERAGE
2		2400.000	10.304	47.905	58.208	--	--	AVERAGE
3	*	2417.700	10.375	77.869	88.244	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2422MHz)  
 Test Date : 2019/10/17

**Vertical**



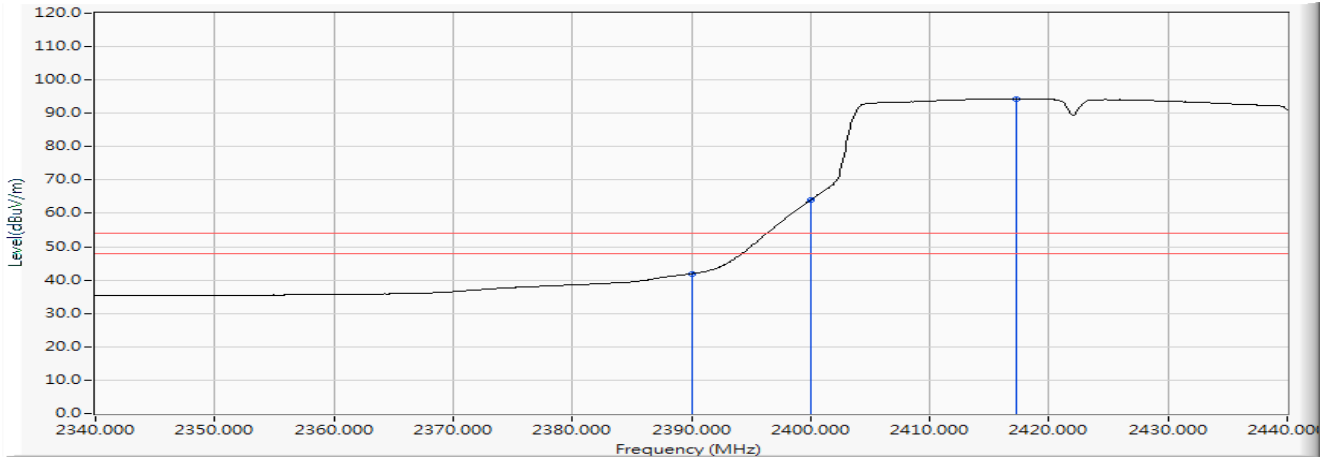
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		2387.700	10.252	47.252	57.504	-16.496	74.000	PEAK
2		2390.000	10.262	44.786	55.048	-18.952	74.000	PEAK
3		2400.000	10.304	70.762	81.065	--	--	PEAK
4	*	2412.900	10.355	97.128	107.484	--	--	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2422MHz)  
 Test Date : 2019/10/17

**Vertical**



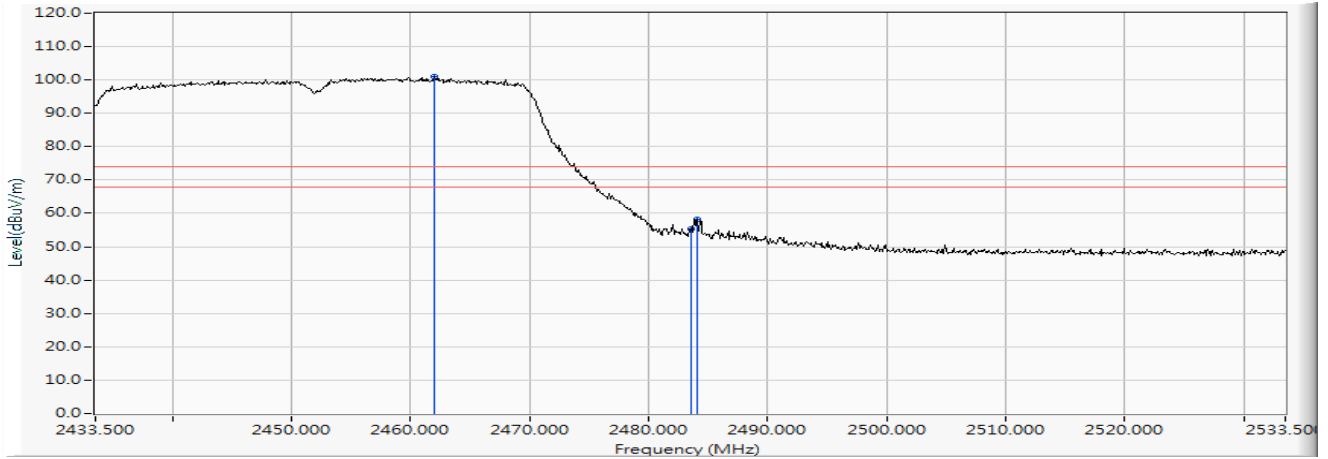
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1		2390.000	10.262	31.643	41.905	-12.095	54.000	AVERAGE
2		2400.000	10.304	53.719	64.022	--	--	AVERAGE
3	*	2417.300	10.373	83.952	94.325	--	--	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2452MHz)  
 Test Date : 2019/10/17

**Horizontal**



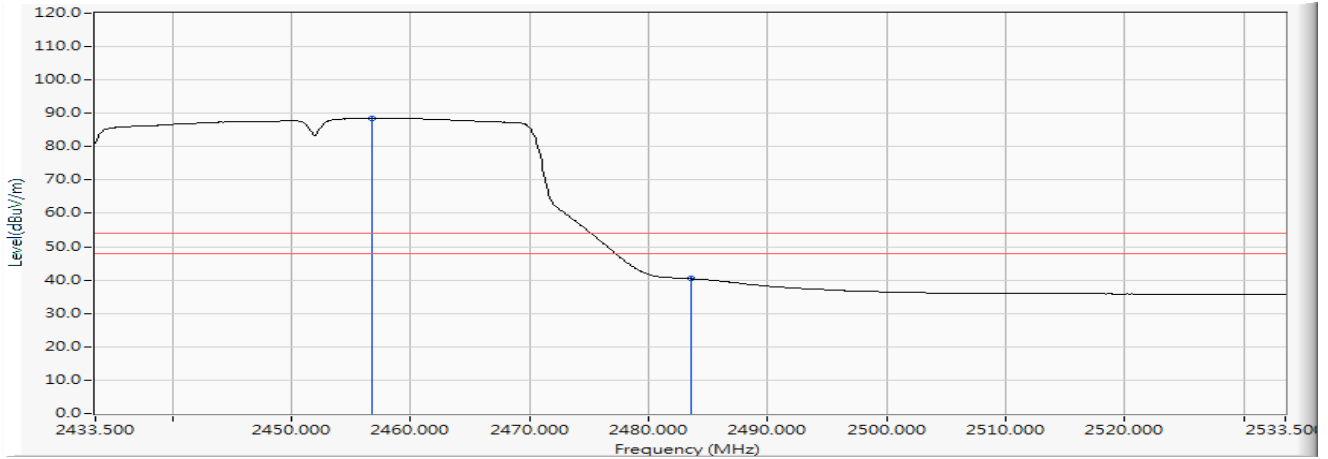
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2462.000	10.550	90.378	100.928	--	--	PEAK
2		2483.500	10.640	44.635	55.276	-18.724	74.000	PEAK
3		2484.100	10.644	47.624	58.268	-15.732	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2452MHz)  
 Test Date : 2019/10/17

**Horizontal**



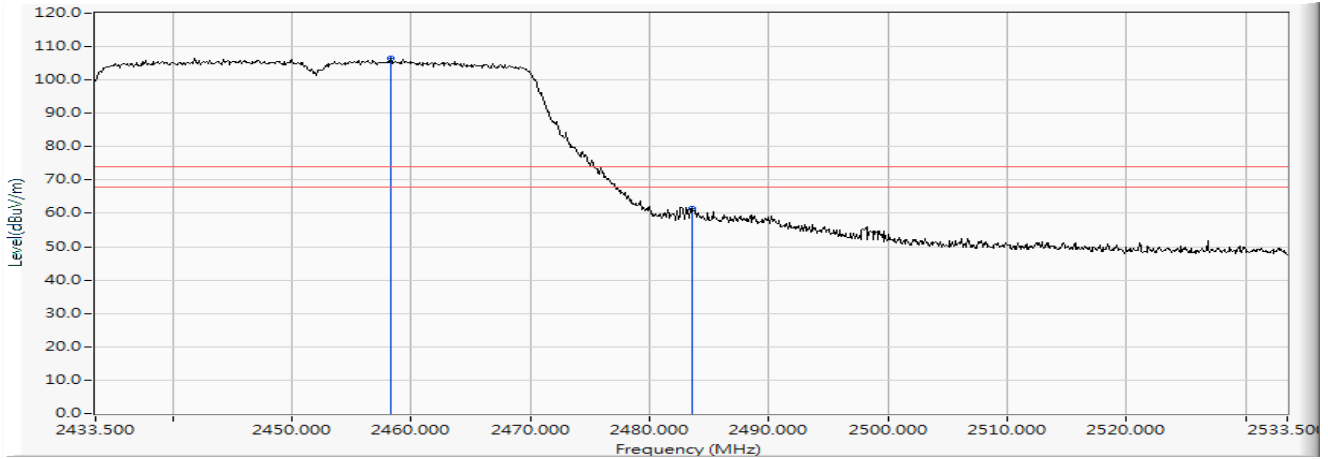
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2456.800	10.526	77.966	88.493	--	--	AVERAGE
2		2483.500	10.640	29.761	40.402	-13.598	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2452MHz)  
 Test Date : 2019/10/17

**Vertical**



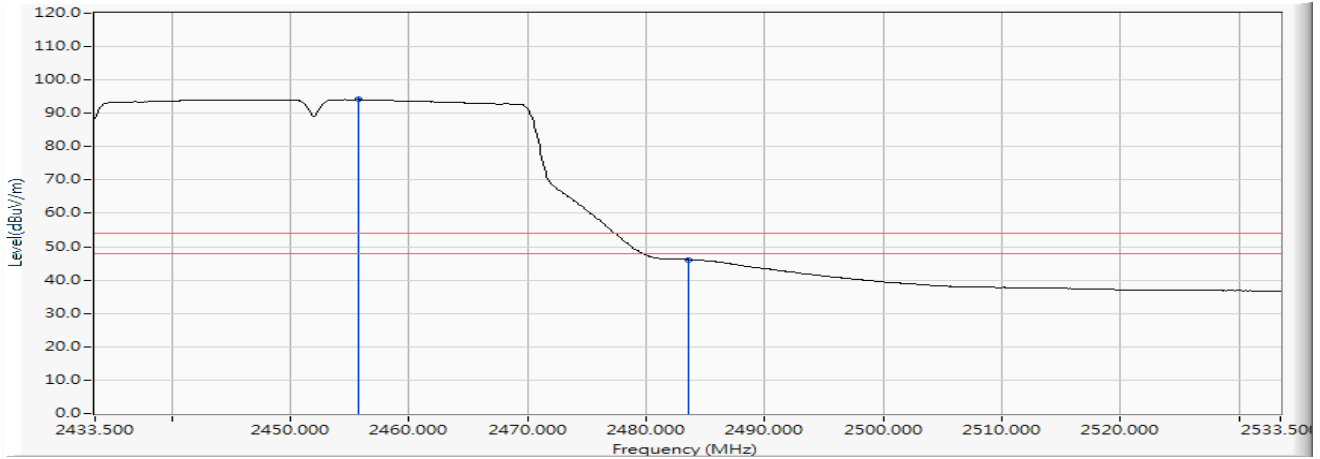
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2458.300	10.533	95.875	106.408	--	--	PEAK
2		2483.500	10.640	50.704	61.345	-12.655	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2452MHz)  
 Test Date : 2019/10/17

**Vertical**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2455.700	10.522	83.587	94.109	--	--	AVERAGE
2		2483.500	10.640	35.521	46.162	-7.838	54.000	AVERAGE

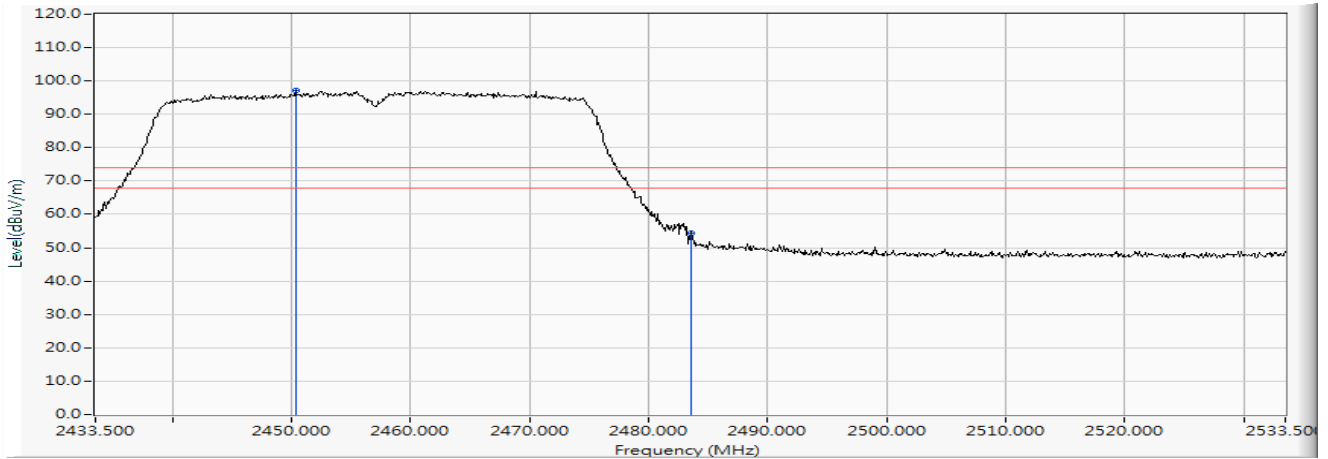
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2457MHz)  
 Test Date : 2019/10/17

**Horizontal**



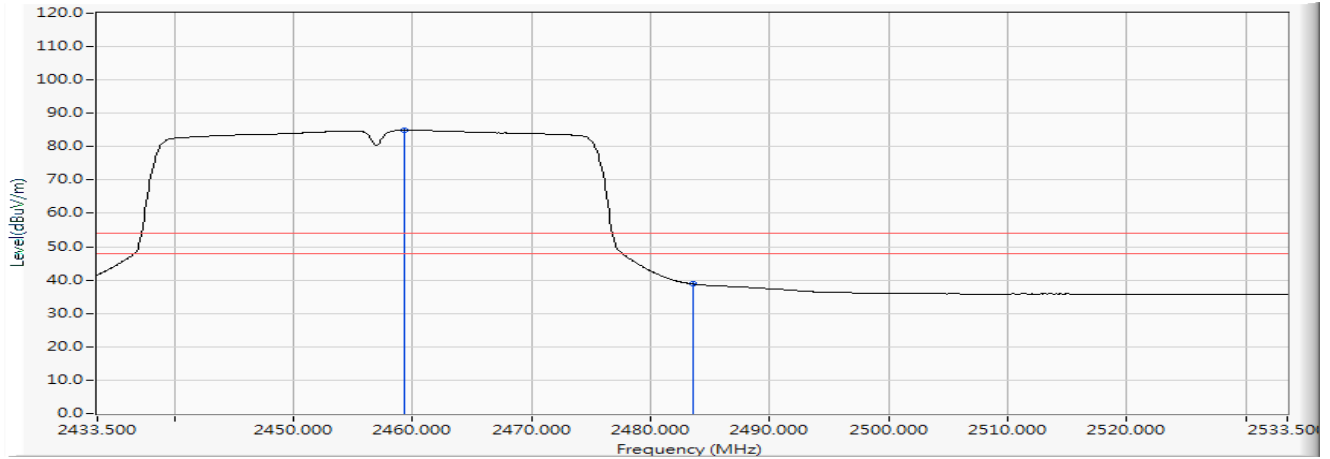
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2450.300	10.503	86.752	97.255	--	--	PEAK
2		2483.500	10.640	43.660	54.301	-19.699	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2457MHz)  
 Test Date : 2019/10/17

**Horizontal**



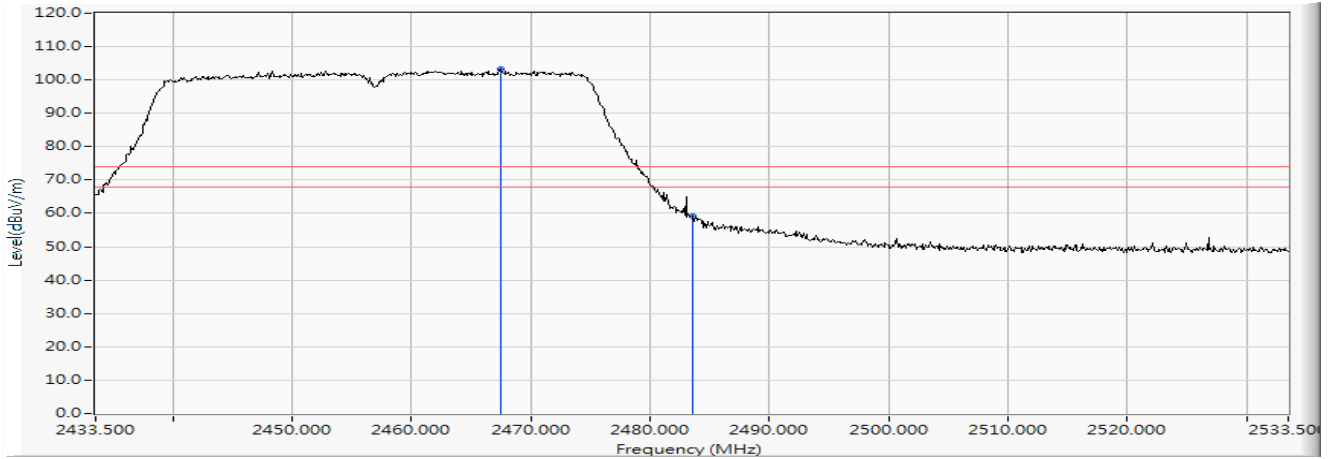
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2459.300	10.537	74.404	84.942	--	--	AVERAGE
2		2483.500	10.640	28.202	38.843	-15.157	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2457MHz)  
 Test Date : 2019/10/17

**Vertical**



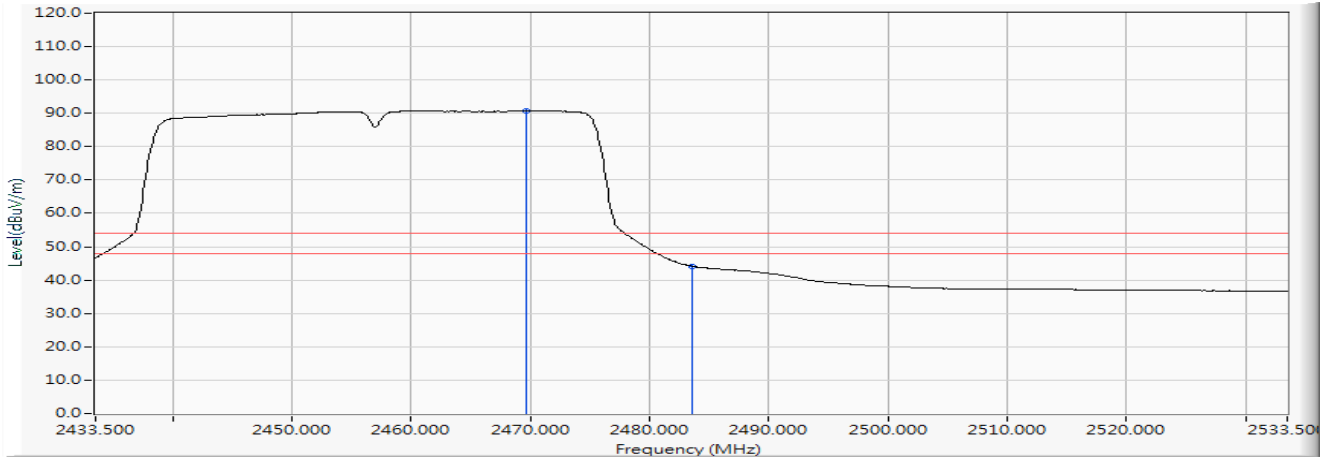
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2467.500	10.575	92.541	103.115	--	--	PEAK
2		2483.500	10.640	48.416	59.057	-14.943	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2457MHz)  
 Test Date : 2019/10/17

**Vertical**



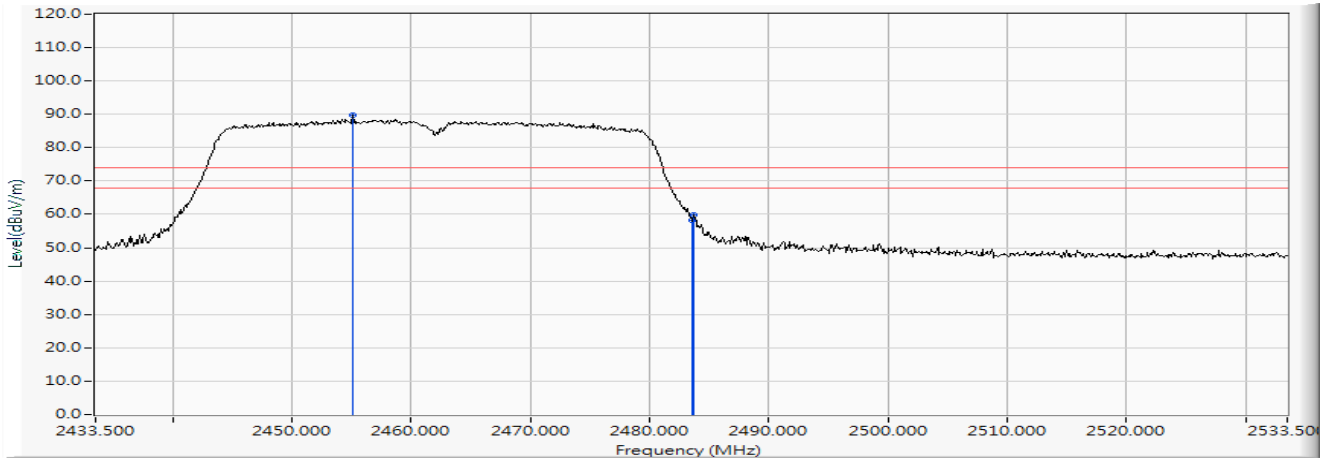
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2469.700	10.584	80.125	90.709	--	--	AVERAGE
2		2483.500	10.640	33.545	44.186	-9.814	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2462MHz)  
 Test Date : 2019/10/17

**Horizontal**



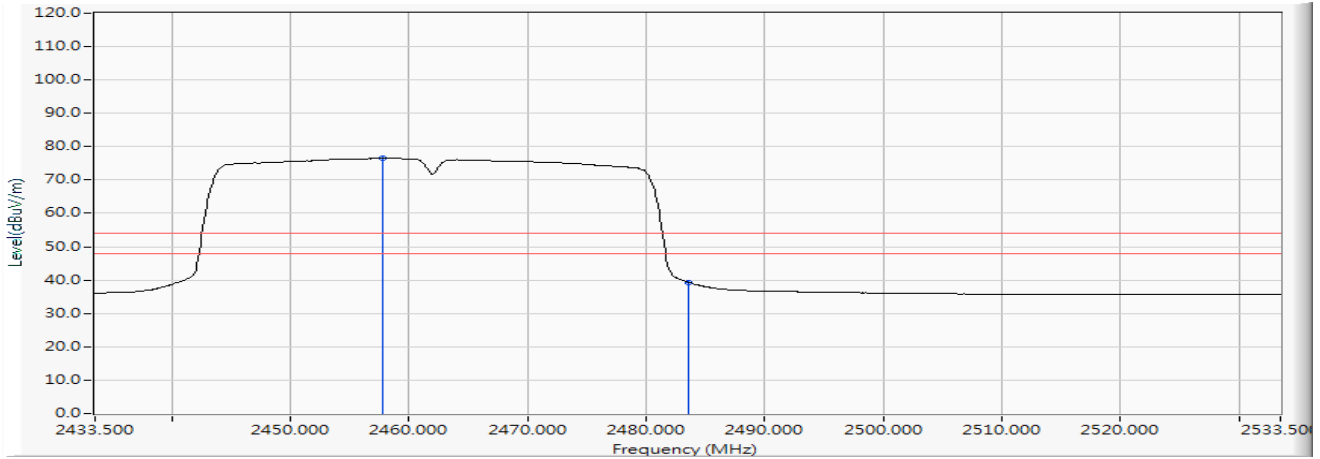
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2455.100	10.519	79.078	89.598	--	--	PEAK
2		2483.500	10.640	47.611	58.252	-15.748	74.000	PEAK
3		2483.700	10.642	49.175	59.817	-14.183	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2462MHz)  
 Test Date : 2019/10/17

**Horizontal**



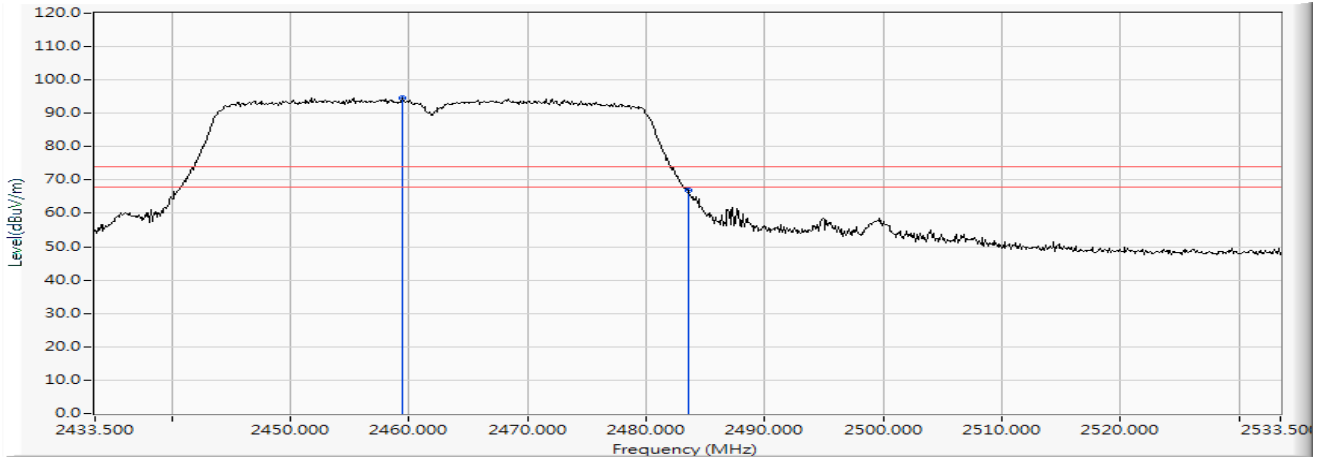
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2457.800	10.531	65.938	76.469	--	--	AVERAGE
2		2483.500	10.640	28.753	39.394	-14.606	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2462MHz)  
 Test Date : 2019/10/17

**Vertical**



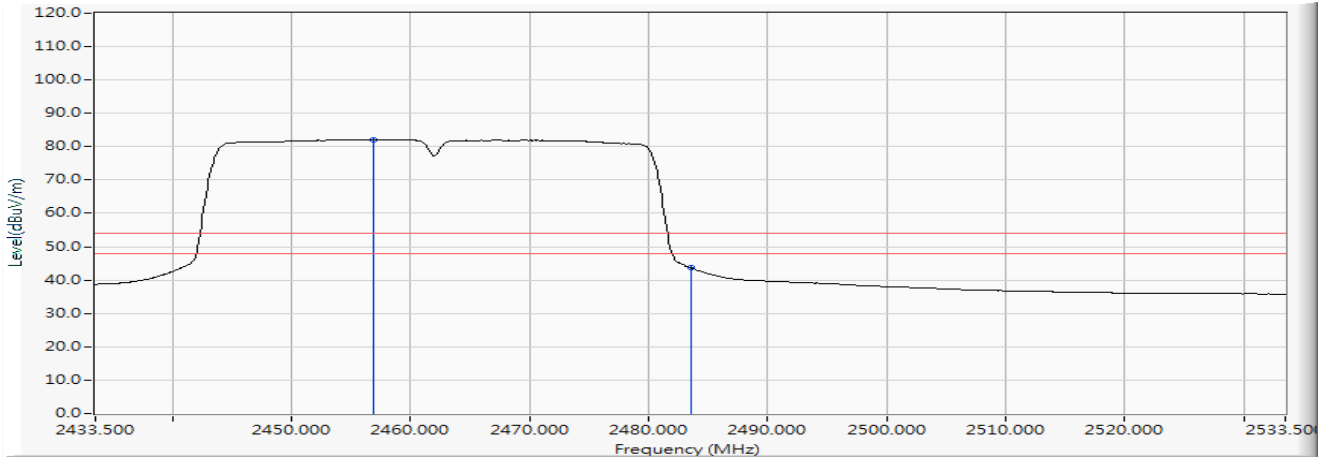
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2459.400	10.538	84.068	94.606	--	--	PEAK
2		2483.500	10.640	56.300	66.941	-7.059	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Wireless-AC 9560  
 Test Item : Band Edge Data  
 Test Mode : Mode 4: Transmit (802.11n-40MBW 30Mbps) (2462MHz)  
 Test Date : 2019/10/17

**Vertical**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBµV)	Measure Level (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector Type
1	*	2456.900	10.528	71.620	82.147	--	--	AVERAGE
2		2483.500	10.640	33.066	43.707	-10.293	54.000	AVERAGE

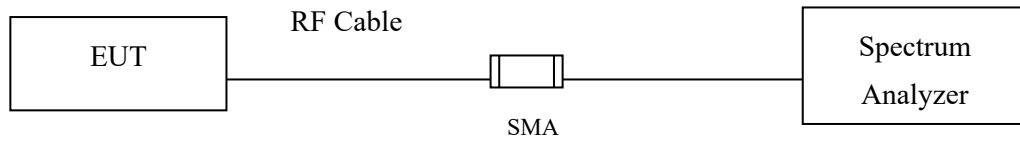
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



## 6. Duty Cycle

### 6.1. Test Setup



### 6.2. Test Procedure

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

### 6.3. Uncertainty

$\pm 2.31\text{msec}$

#### 6.4. Test Result of Duty Cycle

Product : Intel® Wireless-AC 9560  
Test Item : Duty Cycle  
Test Mode : Mode 5: Transmit

Duty Cycle Formula:

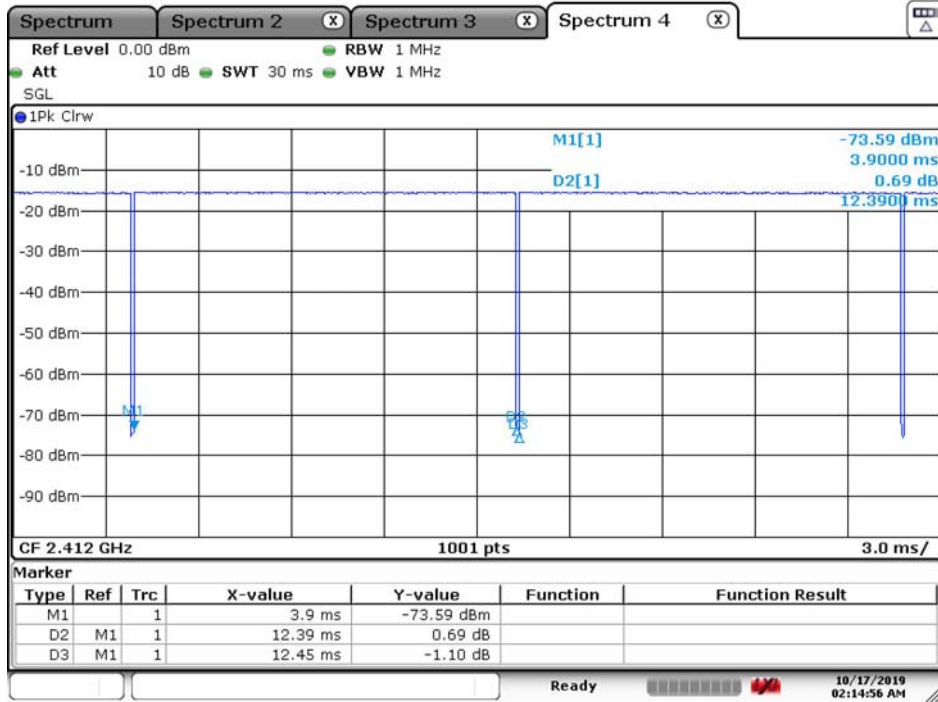
$\text{Duty Cycle} = \text{Ton} / (\text{Ton} + \text{Toff})$

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

Results:

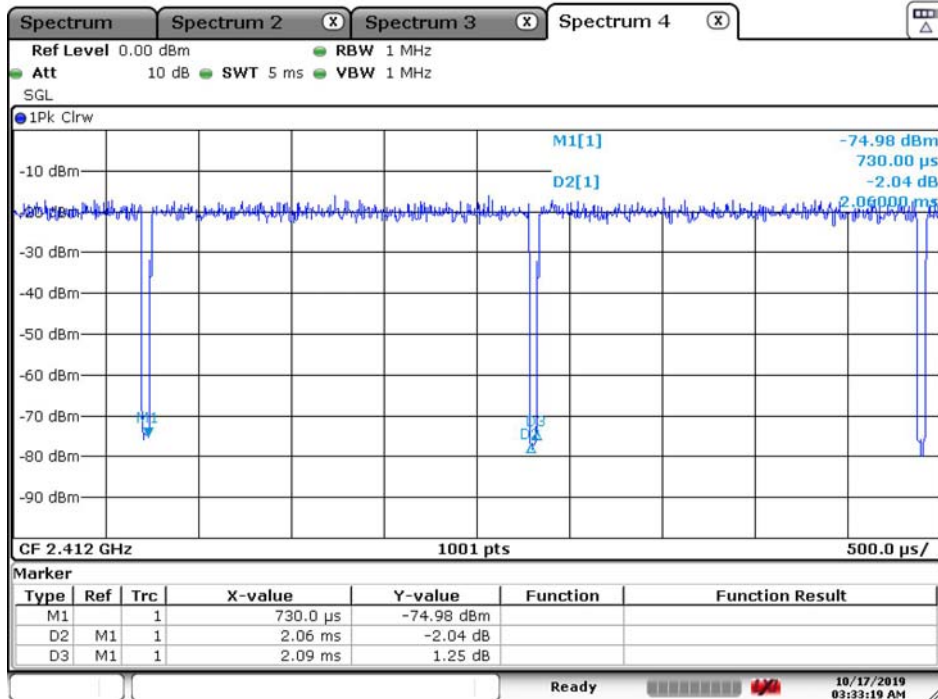
2.4GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11b	12.3900	12.4500	99.52	0.02
802.11g	2.0600	2.0900	98.56	0.06
802.11n20	18.6600	18.7900	99.31	0.03
802.11n40	8.9800	9.0100	99.67	0.01

802.11b



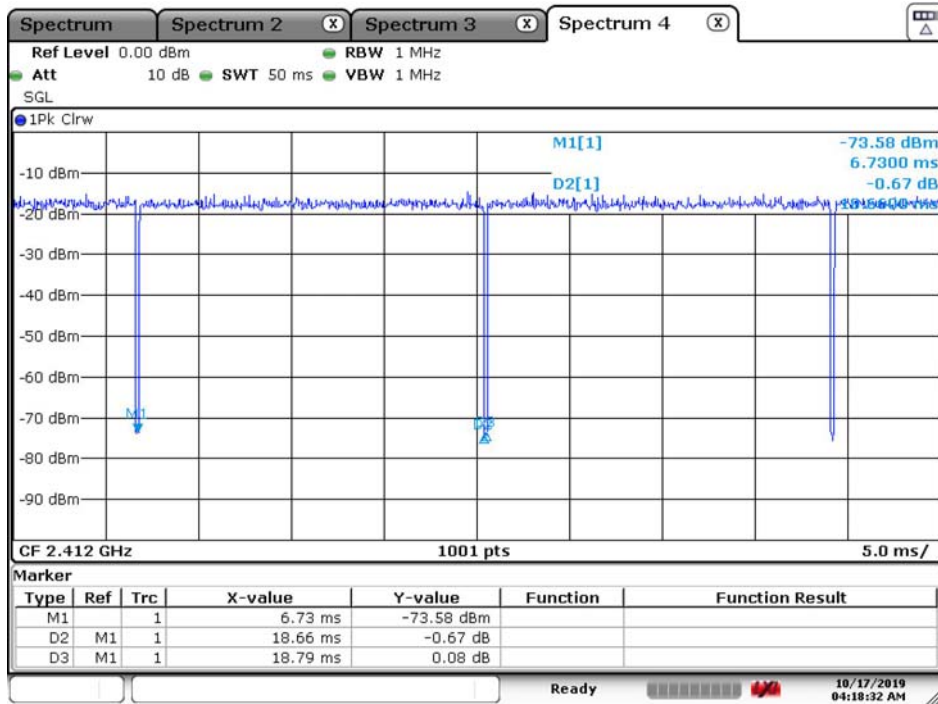
Date: 17.OCT.2019 02:14:57

802.11g



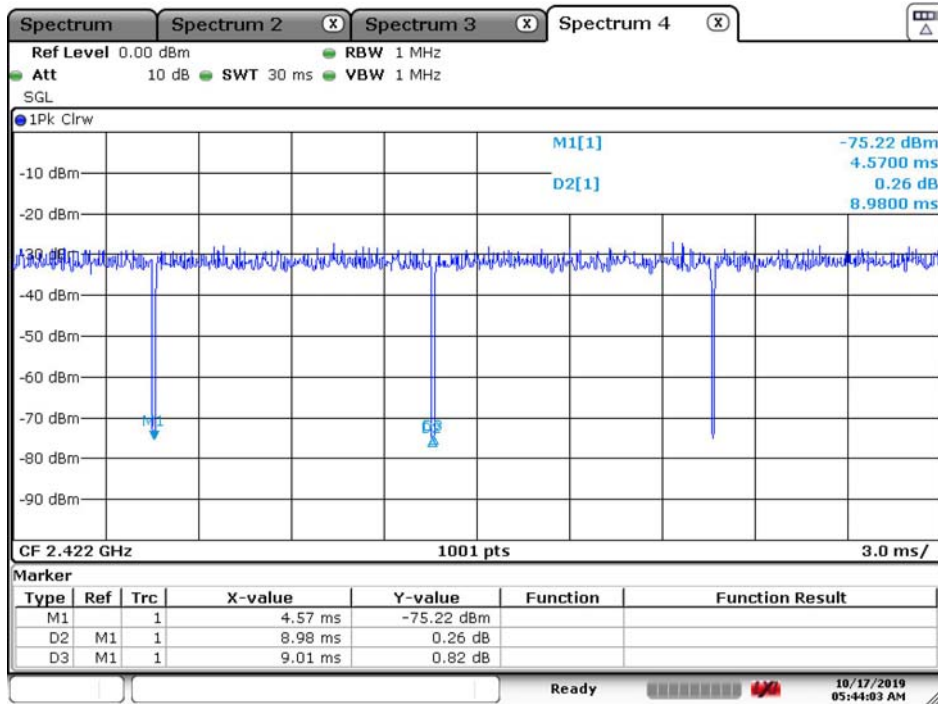
Date: 17.OCT.2019 03:33:19

802.11n20



Date: 17.OCT.2019 04:18:32

802.11n40



Date: 17.OCT.2019 05:44:04

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

No modification was made during testing.