

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 |
| Issued Date | Nov. 15, 2019 |
| Report No. | 1990351R-RFUSP11V00-A |
| 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

Issued Date: Nov. 15, 2019

Report No.: 1990351R-RFUSP11V00-A




| | |
|---------------------|---|
| 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 | 2402-2480MHz |
| Channel Number | V5.0: 40CH |
| Type of Modulation | V5.0: GFSK |
| Antenna Type | PIFA Antenna |
| Channel Control | Auto |
| Antenna Gain | Refer to the table “Antenna List” |
| 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.

Center Frequency of Each Channel:

| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| Channel 00: | 2402 MHz | Channel 01: | 2404 MHz | Channel 02: | 2406 MHz | Channel 03: | 2408 MHz |
| Channel 04: | 2410 MHz | Channel 05: | 2412 MHz | Channel 06: | 2414 MHz | Channel 07: | 2416 MHz |
| Channel 08: | 2418 MHz | Channel 09: | 2420 MHz | Channel 10: | 2422 MHz | Channel 11: | 2424 MHz |
| Channel 12: | 2426 MHz | Channel 13: | 2428 MHz | Channel 14: | 2430 MHz | Channel 15: | 2432 MHz |
| Channel 16: | 2434 MHz | Channel 17: | 2436 MHz | Channel 18: | 2438 MHz | Channel 19: | 2440 MHz |
| Channel 20: | 2442 MHz | Channel 21: | 2444 MHz | Channel 22: | 2446 MHz | Channel 23: | 2448 MHz |
| Channel 24: | 2450 MHz | Channel 25: | 2452 MHz | Channel 26: | 2454 MHz | Channel 27: | 2456 MHz |
| Channel 28: | 2458 MHz | Channel 29: | 2460 MHz | Channel 30: | 2462 MHz | Channel 31: | 2464 MHz |
| Channel 32: | 2466 MHz | Channel 33: | 2468 MHz | Channel 34: | 2470 MHz | Channel 35: | 2472 MHz |
| Channel 36: | 2474 MHz | Channel 37: | 2476 MHz | Channel 38: | 2478 MHz | Channel 39: | 2480 MHz |

Note:

1. The EUT is an Intel® Wireless-AC 9560 with built-in WLAN (802.11a/b/g/n/ac) with Bluetooth (5.0 and V3.0+HS, V2.1+EDR) transceiver, this report for Bluetooth V5.0.
2. These tests were conducted on a sample for the purpose of demonstrating compliance of transmitter with Part 15 Subpart C Paragraph 15.247 for spread spectrum devices.
3. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
4. 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 - BLE |
|-----------|------------------------|

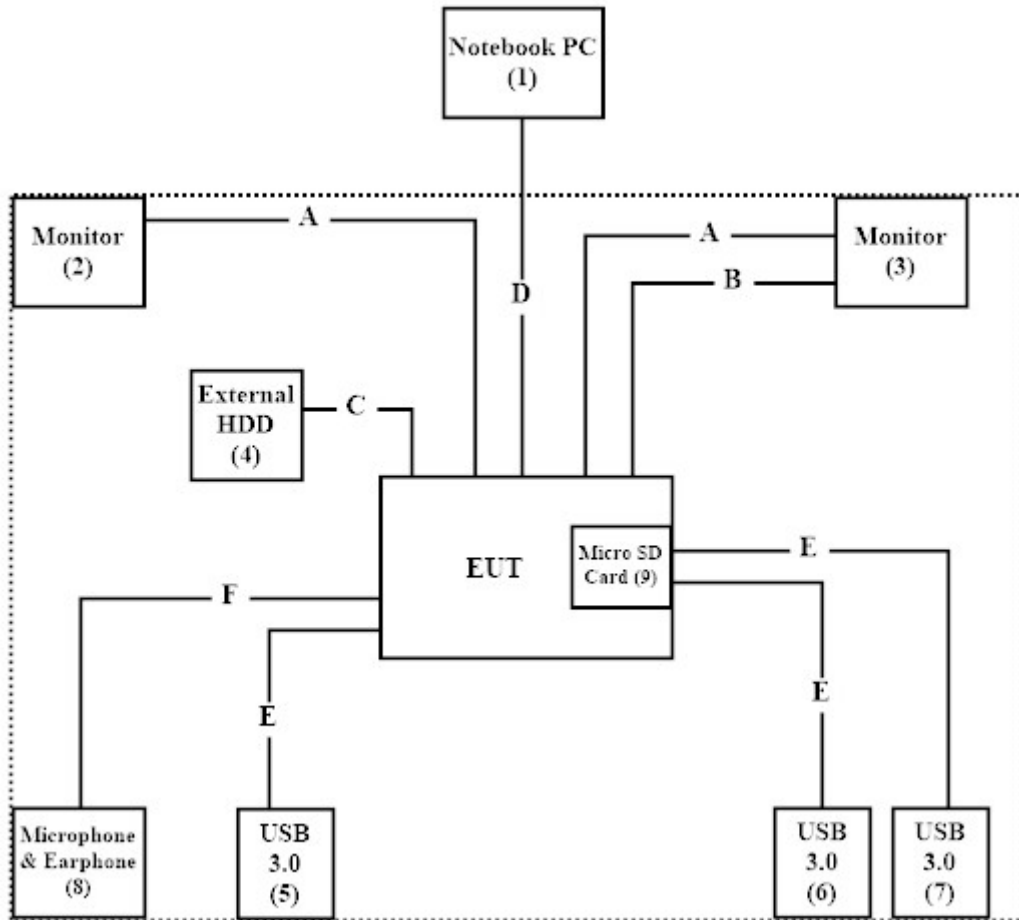
1.3. Tested System Details

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

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

1.7. List of Test 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

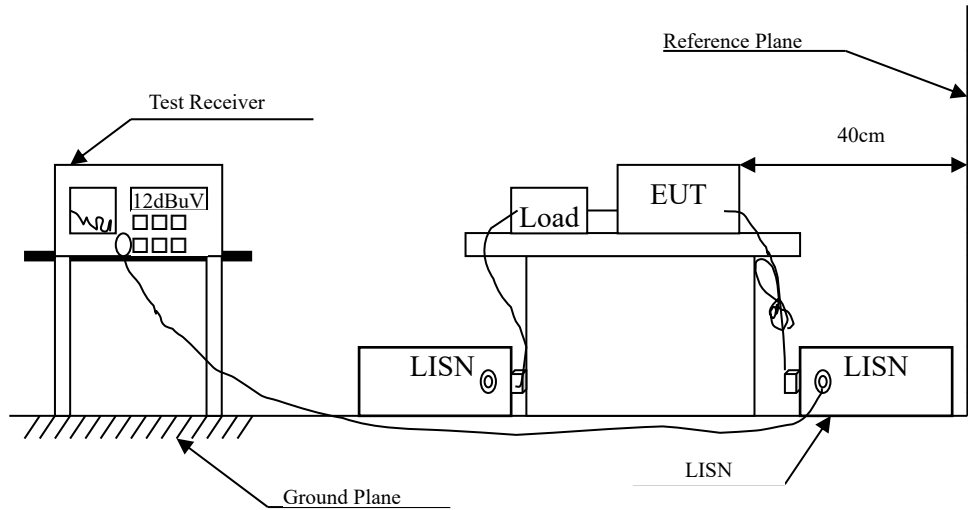
Uncertainties have been calculated according to the DEKRA internal document, and is described in each test chapter of this report.

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 μ V) Limit | | |
|---|--------|-------|
| Frequency MHz | Limits | |
| | QP | AV |
| 0.15 - 0.50 | 66-56 | 56-46 |
| 0.50-5.0 | 56 | 46 |
| 5.0 - 30 | 60 | 50 |

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

2.3. Test Procedure

The EUT and Peripherals 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 refer 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 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.

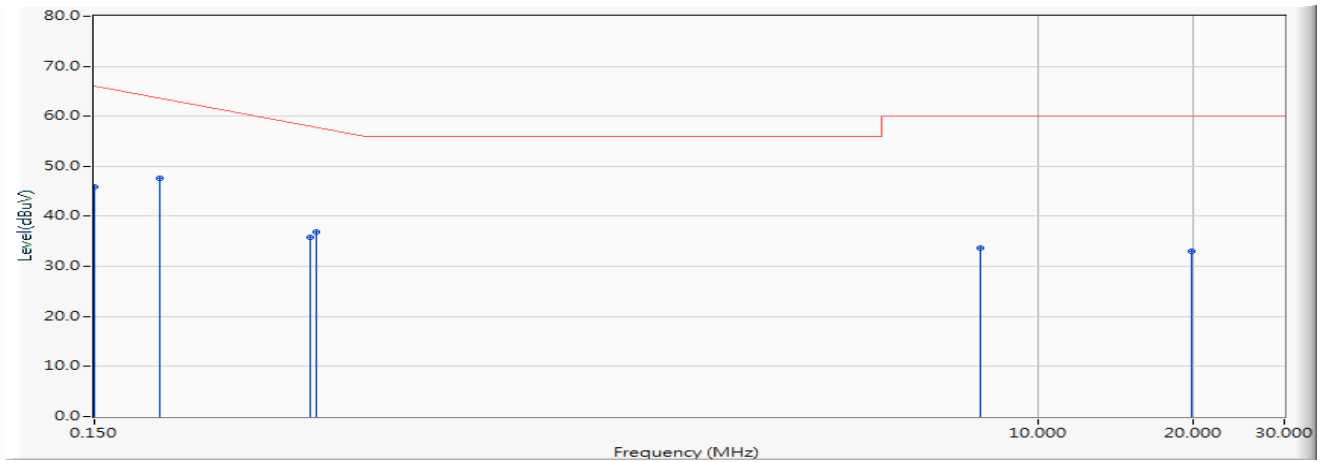
The EUT was setup to ANSI C63.4, 2014; tested to DTS test procedure of FCC KDB-558074 for compliance to FCC 47CFR Subpart C requirements.

2.4. Uncertainty

±2.35dB

2.5. Test Result of Conducted Emission

Product : Intel® Wireless-AC 9560
 Test Item : Conducted Emission Test
 Power Line : Line 1
 Test Mode : Mode 1: Transmit - BLE (2440MHz)
 Test Date : 2019/10/23

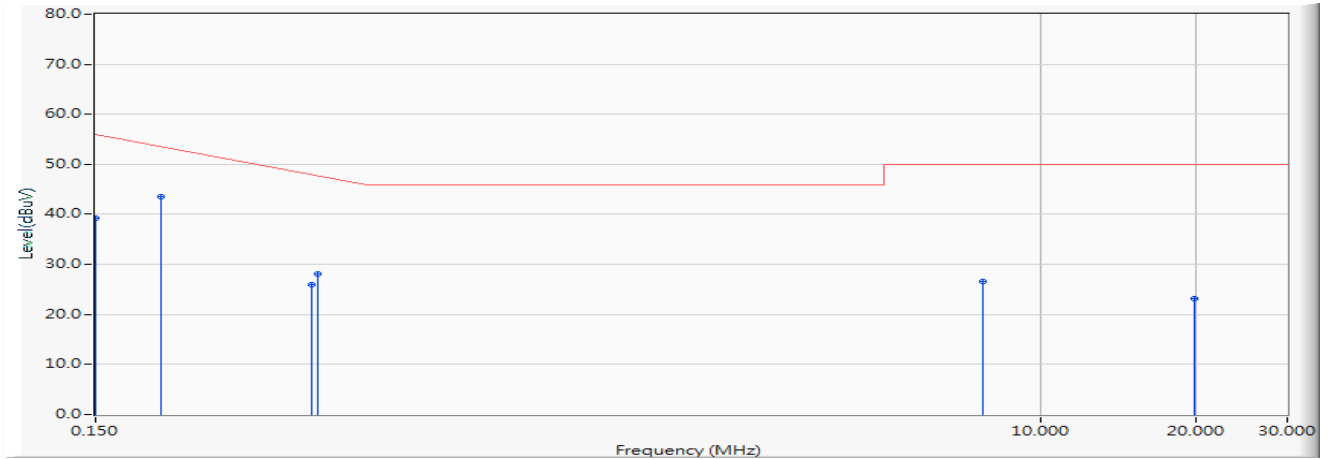


| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV) | Margin (dB) | Limit (dBµV) | Detector Type |
|---|---|-----------------|---------------------|----------------------|----------------------|-------------|--------------|---------------|
| 1 | | 0.150 | 9.640 | 36.196 | 45.836 | -20.164 | 66.000 | QUASIPeAK |
| 2 | * | 0.200 | 9.630 | 37.936 | 47.566 | -17.005 | 64.571 | QUASIPeAK |
| 3 | | 0.393 | 9.641 | 26.150 | 35.792 | -23.265 | 59.057 | QUASIPeAK |
| 4 | | 0.404 | 9.645 | 27.210 | 36.855 | -21.888 | 58.743 | QUASIPeAK |
| 5 | | 7.760 | 9.830 | 23.790 | 33.620 | -26.380 | 60.000 | QUASIPeAK |
| 6 | | 19.910 | 9.970 | 23.007 | 32.977 | -27.023 | 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 1: Transmit - BLE (2440MHz)
 Test Date : 2019/10/23

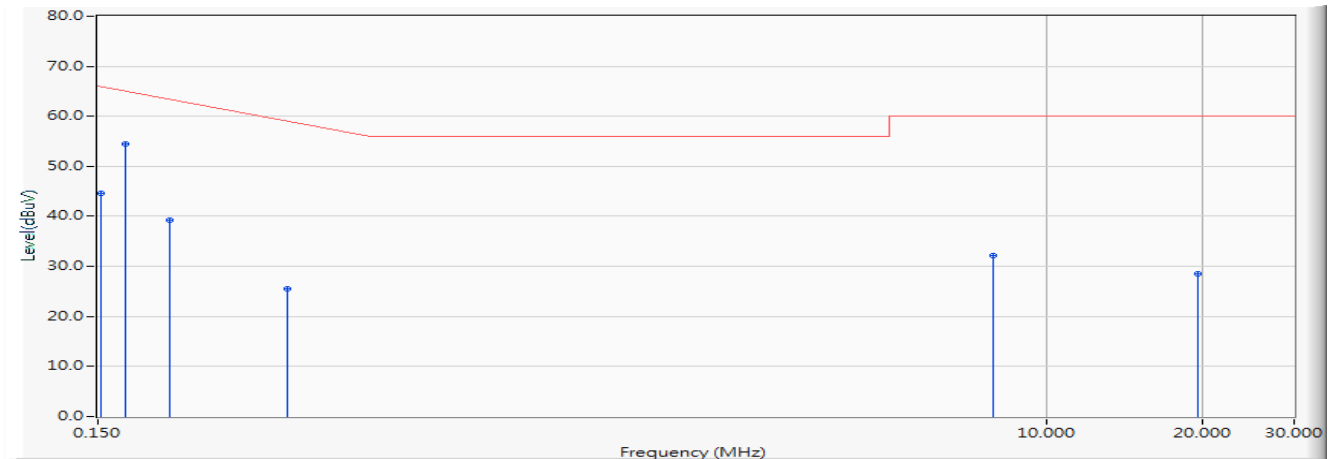


| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV) | Margin (dB) | Limit (dBµV) | Detector Type |
|---|---|-----------------|---------------------|----------------------|----------------------|-------------|--------------|---------------|
| 1 | | 0.150 | 9.640 | 29.538 | 39.178 | -16.822 | 56.000 | AVERAGE |
| 2 | * | 0.200 | 9.630 | 33.881 | 43.511 | -11.060 | 54.571 | AVERAGE |
| 3 | | 0.393 | 9.641 | 16.375 | 26.016 | -23.041 | 49.057 | AVERAGE |
| 4 | | 0.404 | 9.645 | 18.370 | 28.015 | -20.728 | 48.743 | AVERAGE |
| 5 | | 7.760 | 9.830 | 16.846 | 26.676 | -23.324 | 50.000 | AVERAGE |
| 6 | | 19.910 | 9.970 | 13.120 | 23.090 | -26.910 | 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 1: Transmit - BLE (2440MHz)
 Test Date : 2019/10/23

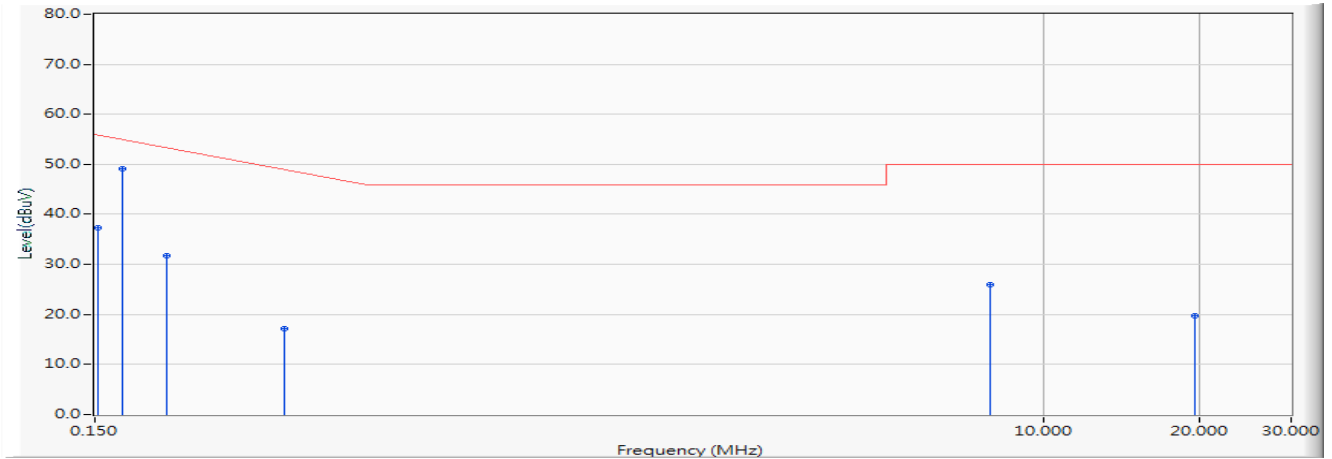


| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV) | Margin (dB) | Limit (dBµV) | Detector Type |
|---|---|-----------------|---------------------|----------------------|----------------------|-------------|--------------|---------------|
| 1 | | 0.152 | 9.652 | 34.959 | 44.612 | -21.331 | 65.943 | QUASIPeAK |
| 2 | * | 0.170 | 9.650 | 44.892 | 54.542 | -10.887 | 65.429 | QUASIPeAK |
| 3 | | 0.206 | 9.650 | 29.591 | 39.241 | -25.159 | 64.400 | QUASIPeAK |
| 4 | | 0.346 | 9.650 | 15.901 | 25.551 | -34.849 | 60.400 | QUASIPeAK |
| 5 | | 7.886 | 9.850 | 22.391 | 32.241 | -27.759 | 60.000 | QUASIPeAK |
| 6 | | 19.651 | 10.050 | 18.515 | 28.565 | -31.435 | 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 1: Transmit - BLE (2440MHz)
 Test Date : 2019/10/23

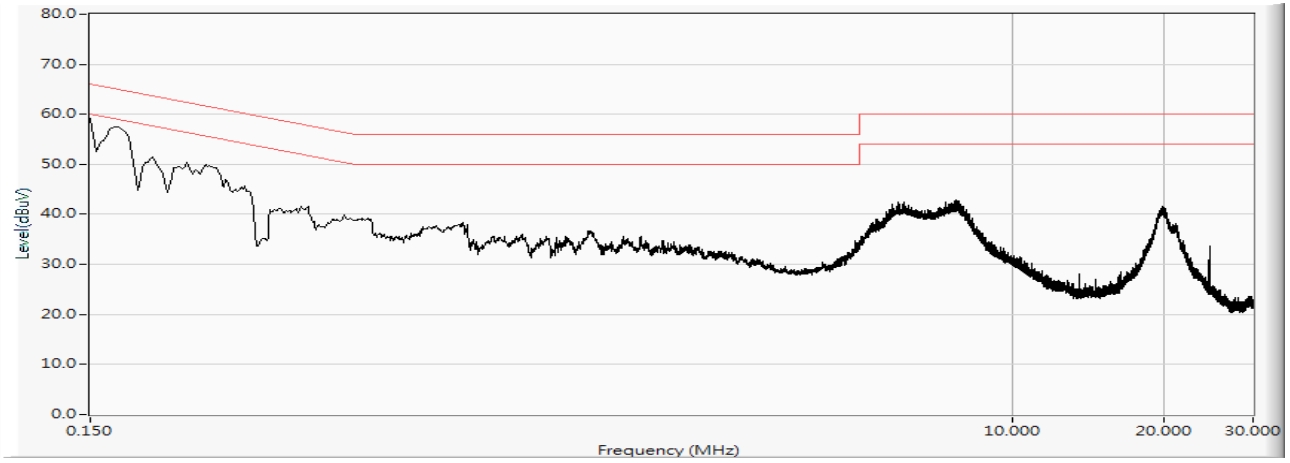


| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV) | Margin (dB) | Limit (dBµV) | Detector Type |
|---|---|-----------------|---------------------|----------------------|----------------------|-------------|--------------|---------------|
| 1 | | 0.152 | 9.652 | 27.598 | 37.250 | -18.693 | 55.943 | AVERAGE |
| 2 | * | 0.170 | 9.650 | 39.566 | 49.216 | -6.213 | 55.429 | AVERAGE |
| 3 | | 0.206 | 9.650 | 22.169 | 31.819 | -22.581 | 54.400 | AVERAGE |
| 4 | | 0.346 | 9.650 | 7.508 | 17.158 | -33.242 | 50.400 | AVERAGE |
| 5 | | 7.886 | 9.850 | 16.199 | 26.049 | -23.951 | 50.000 | AVERAGE |
| 6 | | 19.651 | 10.050 | 9.748 | 19.798 | -30.202 | 50.000 | AVERAGE |

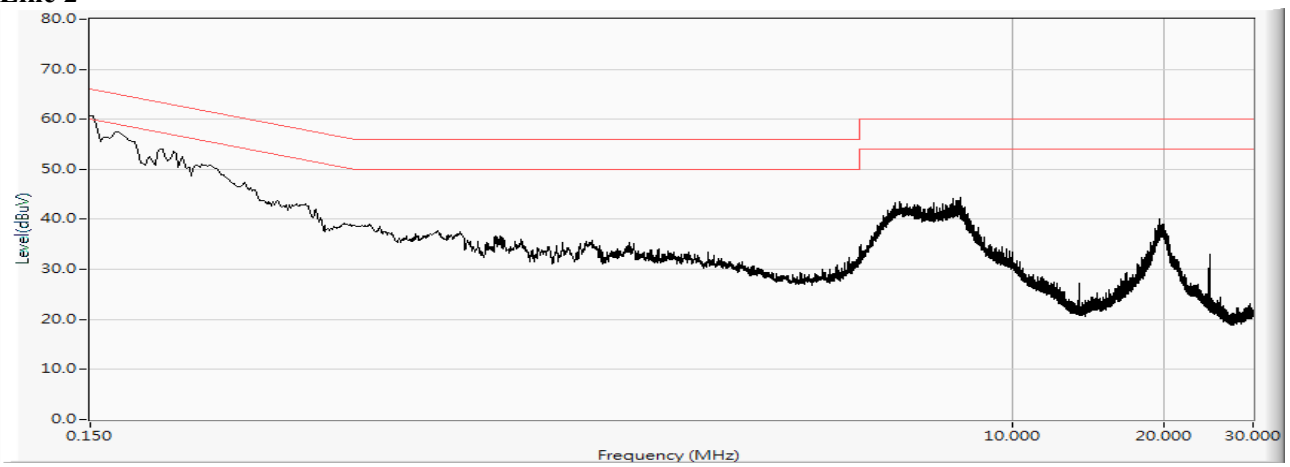
Note:

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

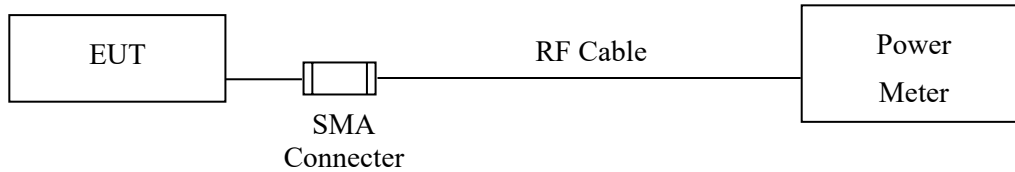


Line 2



3. Peak Power Output

3.1. Test Setup



3.2. Limit

The maximum peak power shall be less 1Watt.

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.

3.4. Uncertainty

± 0.86 dB

3.5. Test Result of Peak Power Output

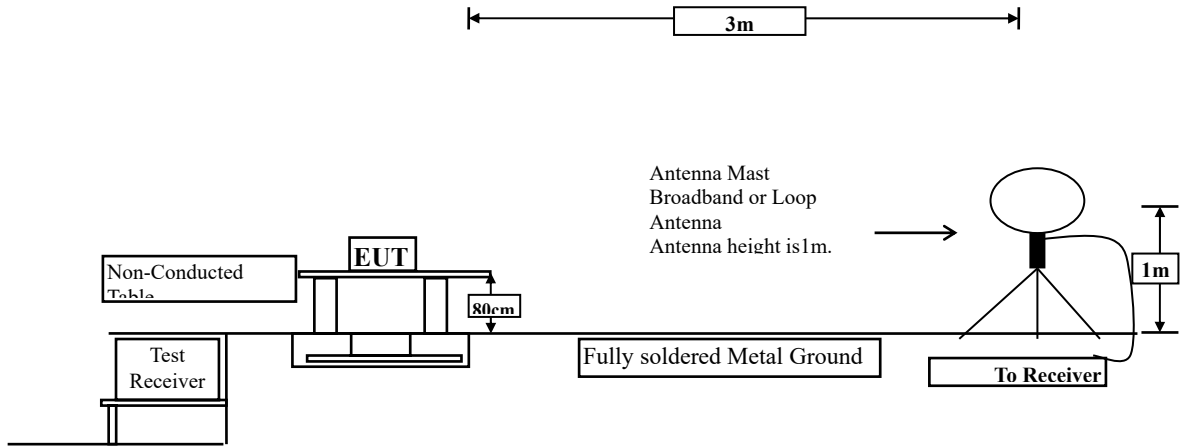
Product : Intel® Wireless-AC 9560
Test Item : Peak Power Output
Test Mode : Mode 1: Transmit - BLE
Test Date : 2019/10/23

| Channel No. | Frequency (MHz) | Measurement (dBm) | Required Limit | Result |
|-------------|--------------------|----------------------|----------------|--------|
| Channel 00 | 2402.00 | 8.64 | 1 Watt= 30 dBm | Pass |
| Channel 19 | 2440.00 | 8.79 | 1 Watt= 30 dBm | Pass |
| Channel 39 | 2480.00 | 9.16 | 1 Watt= 30 dBm | Pass |

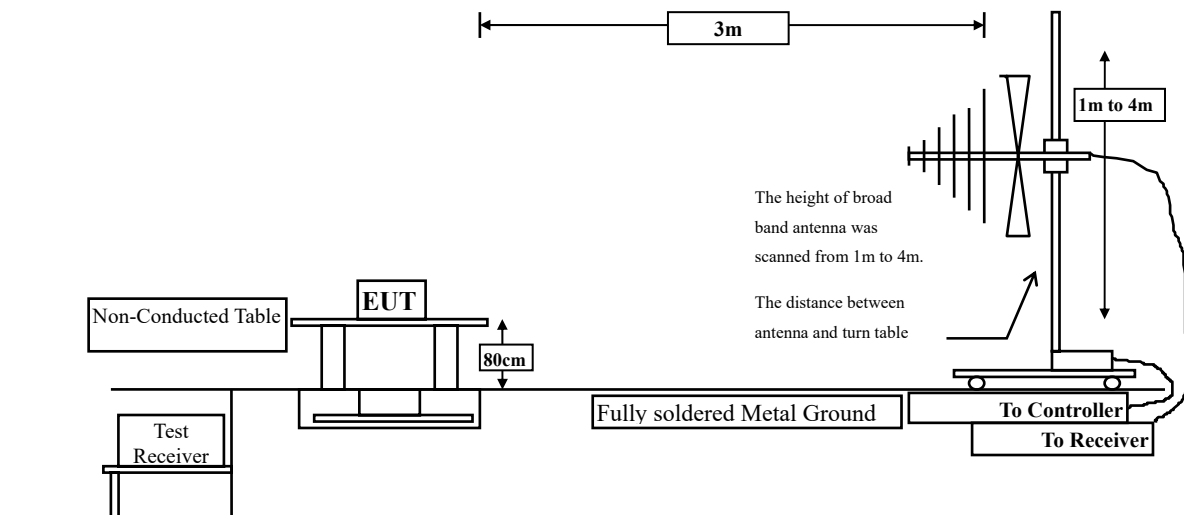
4. Radiated Emission

4.1. Test Setup

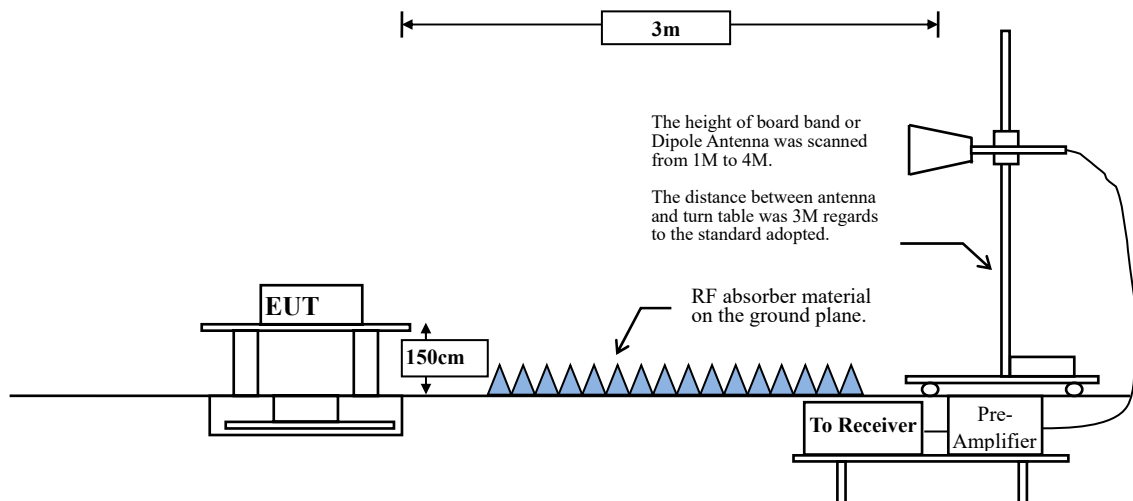
Radiated Emission Under 30MHz



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.

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

- Remarks:
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.

$VBW \geq 3 \times RBW$.

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) |
|-------------|----------------|--------|----------|----------|
| BLE | 59.20 | 1.1100 | 901 | 1k |

Note: Duty Cycle Refer to Section 6

4.4. Uncertainty

Horizontal polarization :

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

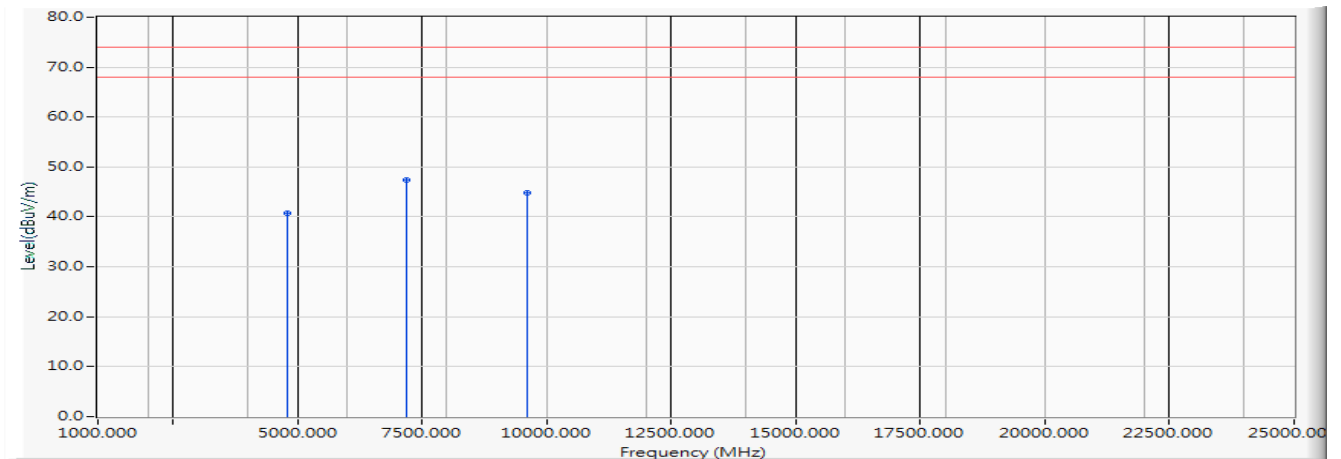
Vertical polarization :

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

4.5. Test Result of Radiated Emission

Product : Intel® Wireless-AC 9560
 Test Item : Harmonic Radiated Emission
 Test Mode : Mode 1: Transmit - BLE (2402MHz)
 Test Date : 2019/10/22

Horizontal



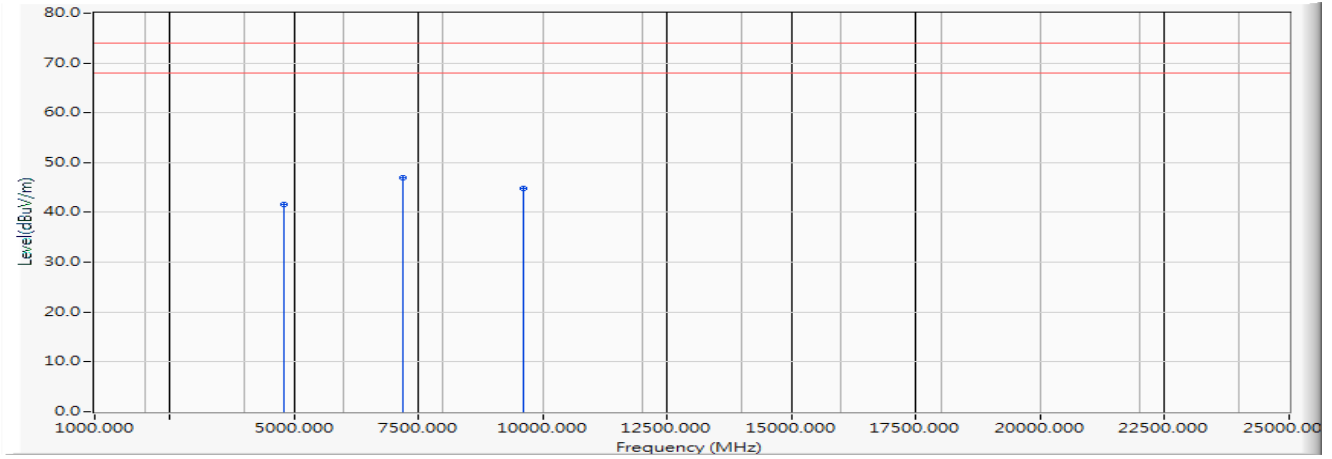
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | | 4804.000 | -6.081 | 46.820 | 40.739 | -33.261 | 74.000 | PEAK |
| 2 | * | 7206.000 | -3.033 | 50.500 | 47.467 | -26.533 | 74.000 | PEAK |
| 3 | | 9608.000 | -0.774 | 45.560 | 44.787 | -29.213 | 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
 Test Mode : Mode 1: Transmit - BLE (2402MHz)
 Test Date : 2019/10/22

Vertical



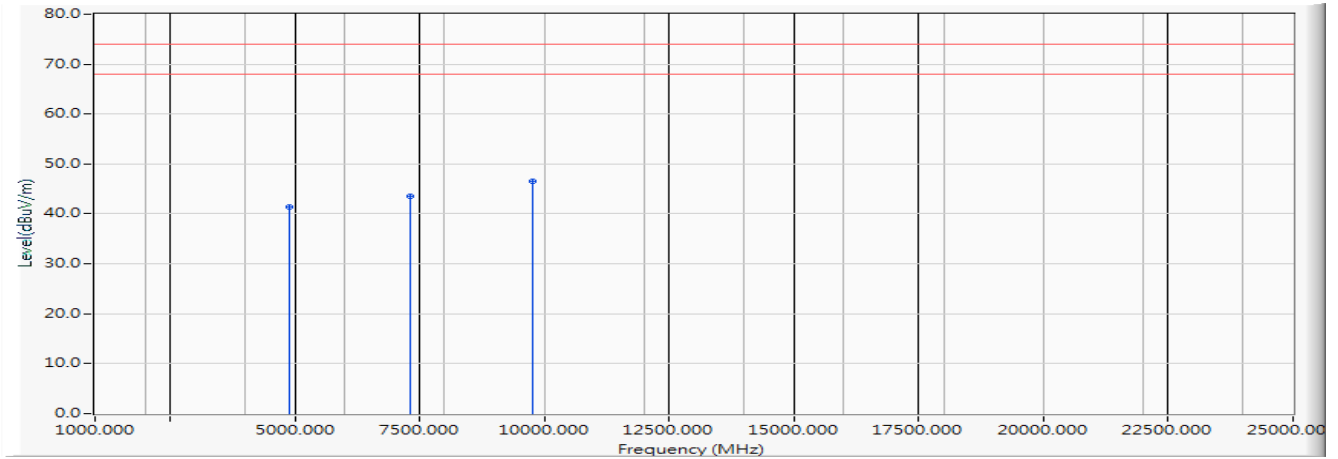
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | | 4804.000 | -6.081 | 47.600 | 41.519 | -32.481 | 74.000 | PEAK |
| 2 | * | 7206.000 | -3.033 | 49.950 | 46.917 | -27.083 | 74.000 | PEAK |
| 3 | | 9608.000 | -0.774 | 45.560 | 44.787 | -29.213 | 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
 Test Mode : Mode 1: Transmit - BLE (2440MHz)
 Test Date : 2019/10/22

Horizontal



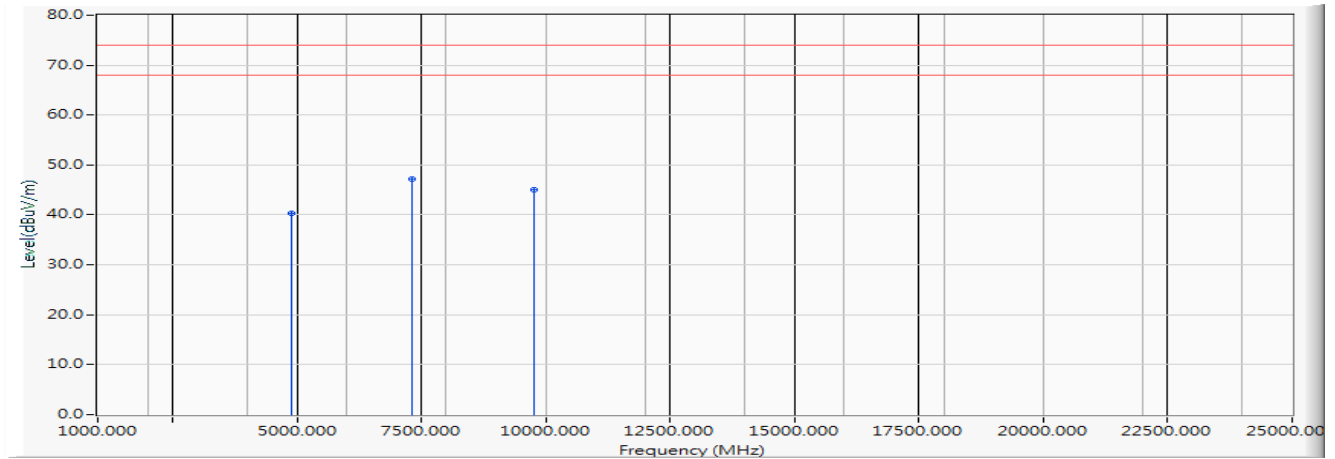
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | | 4880.000 | -6.045 | 47.370 | 41.325 | -32.675 | 74.000 | PEAK |
| 2 | | 7320.000 | -2.959 | 46.570 | 43.611 | -30.389 | 74.000 | PEAK |
| 3 | * | 9760.000 | -0.492 | 47.110 | 46.618 | -27.382 | 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
 Test Mode : Mode 1: Transmit - BLE (2440MHz)
 Test Date : 2019/10/22

Vertical



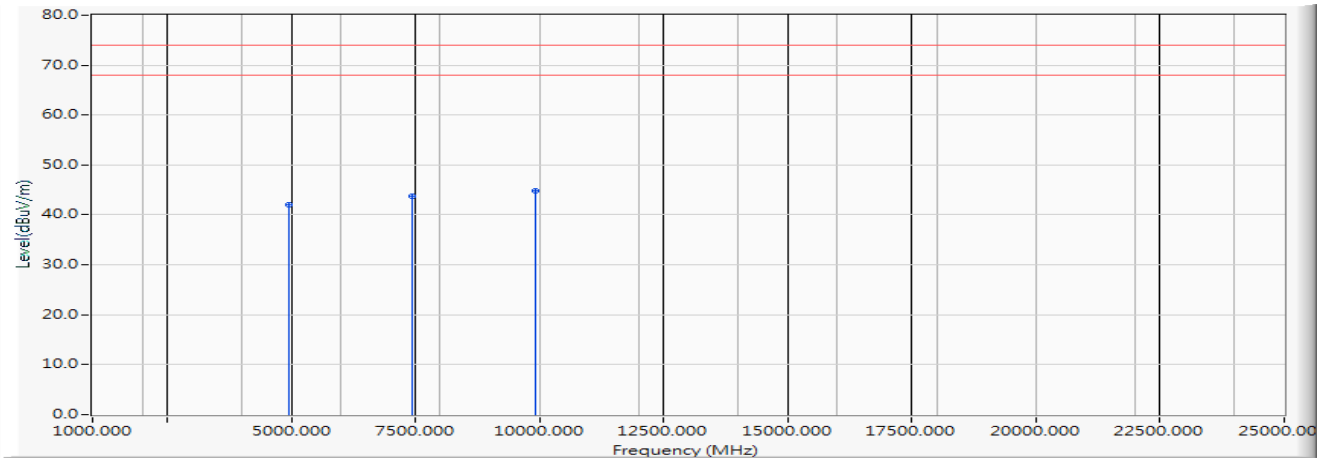
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | | 4880.000 | -6.045 | 46.420 | 40.375 | -33.625 | 74.000 | PEAK |
| 2 | * | 7320.000 | -2.959 | 50.210 | 47.251 | -26.749 | 74.000 | PEAK |
| 3 | | 9760.000 | -0.492 | 45.480 | 44.988 | -29.012 | 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
 Test Mode : Mode 1: Transmit - BLE (2480MHz)
 Test Date : 2019/10/22

Horizontal



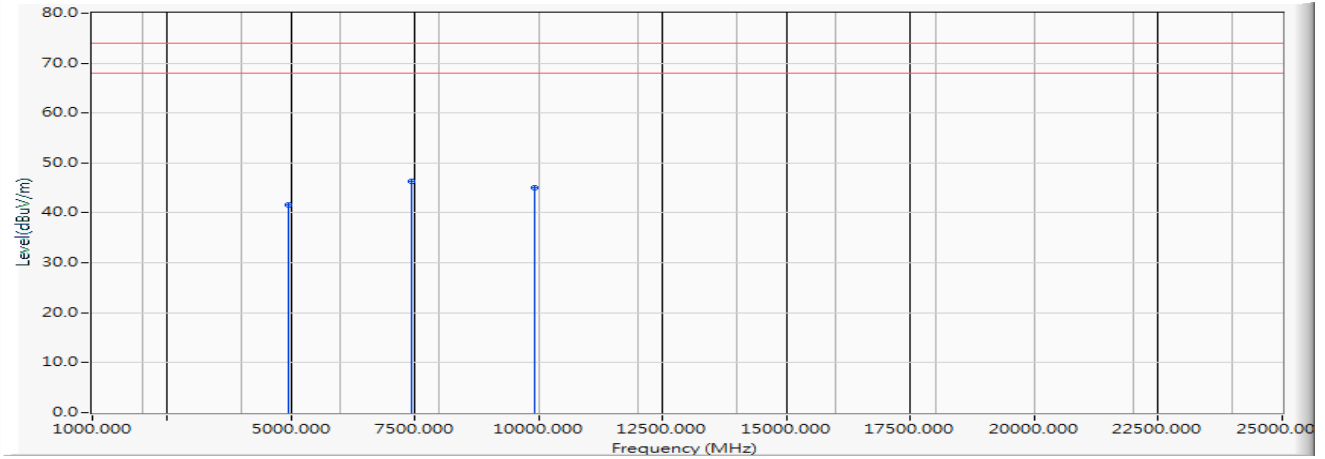
| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 4960.000 | -6.041 | 48.070 | 42.029 | -31.971 | 74.000 | PEAK |
| 2 | 7440.000 | -2.805 | 46.490 | 43.685 | -30.315 | 74.000 | PEAK |
| 3 | * 9920.000 | -0.260 | 45.140 | 44.880 | -29.120 | 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
 Test Mode : Mode 1: Transmit - BLE (2480MHz)
 Test Date : 2019/10/22

Vertical



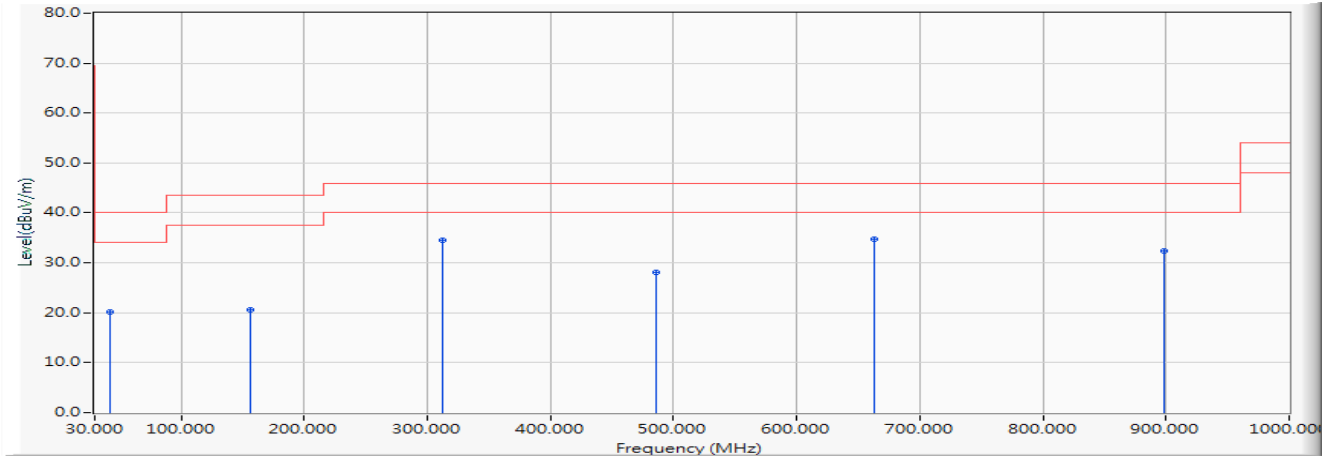
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | | 4960.000 | -6.041 | 47.620 | 41.579 | -32.421 | 74.000 | PEAK |
| 2 | * | 7440.000 | -2.805 | 49.200 | 46.395 | -27.605 | 74.000 | PEAK |
| 3 | | 9920.000 | -0.260 | 45.360 | 45.100 | -28.900 | 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
 Test Mode : Mode 1: Transmit - BLE (2440MHz)
 Test Date : 2019/10/24

Horizontal



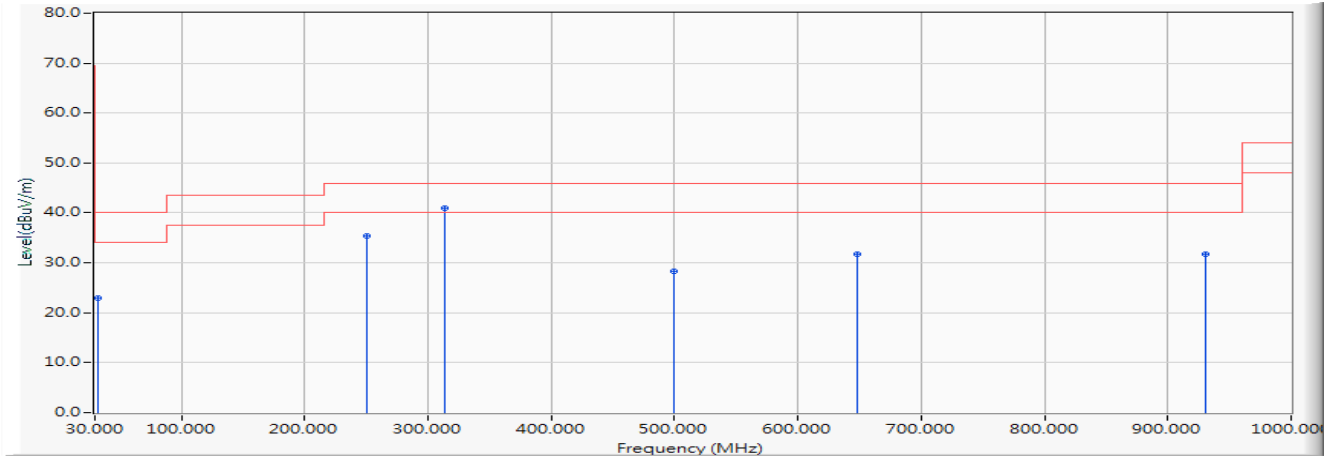
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | | 42.652 | -10.961 | 31.184 | 20.222 | -19.778 | 40.000 | QUASIPeAK |
| 2 | | 156.522 | -10.916 | 31.583 | 20.668 | -22.832 | 43.500 | QUASIPeAK |
| 3 | | 312.565 | -10.044 | 44.598 | 34.555 | -11.445 | 46.000 | QUASIPeAK |
| 4 | | 485.478 | -6.197 | 34.366 | 28.169 | -17.831 | 46.000 | QUASIPeAK |
| 5 | * | 662.609 | -3.520 | 38.188 | 34.668 | -11.332 | 46.000 | QUASIPeAK |
| 6 | | 898.783 | -0.218 | 32.608 | 32.390 | -13.610 | 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
 Test Mode : Mode 1: Transmit - BLE (2440MHz)
 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 | | 32.812 | -12.011 | 35.037 | 23.026 | -16.974 | 40.000 | QUASIPeAK |
| 2 | | 250.710 | -12.072 | 47.438 | 35.366 | -10.634 | 46.000 | QUASIPeAK |
| 3 | * | 313.971 | -10.010 | 50.882 | 40.872 | -5.128 | 46.000 | QUASIPeAK |
| 4 | | 499.536 | -5.960 | 34.320 | 28.360 | -17.640 | 46.000 | QUASIPeAK |
| 5 | | 648.551 | -3.706 | 35.543 | 31.837 | -14.163 | 46.000 | QUASIPeAK |
| 6 | | 931.116 | 0.143 | 31.633 | 31.776 | -14.224 | 46.000 | QUASIPeAK |

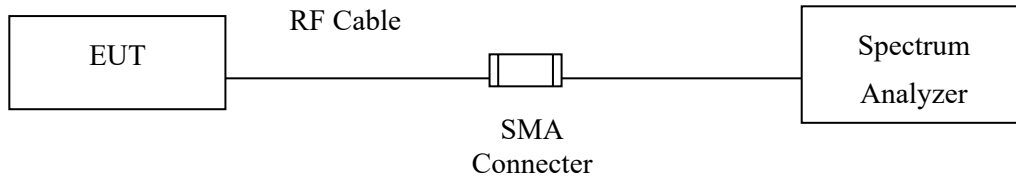
Note:

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.

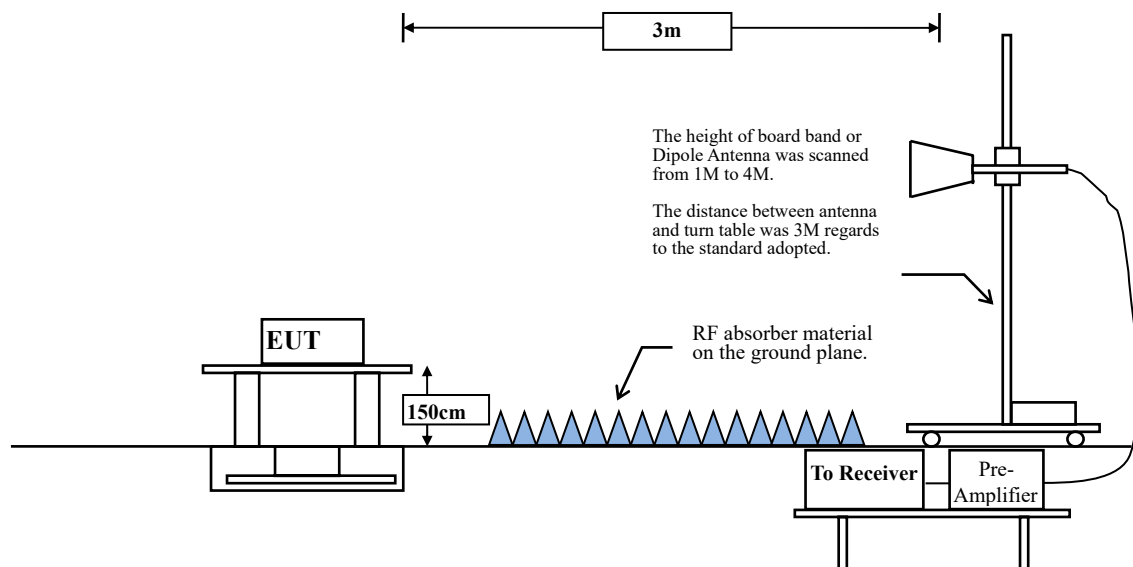
5. Band Edge

5.1. Test Setup

RF Conducted Measurement



RF Radiated Measurement:



5.2. Limit

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) |
|-------------|----------------|--------|----------|----------|
| BLE | 59.20 | 1.1100 | 901 | 1k |

Note: Duty Cycle Refer to Section 6

5.4. Uncertainty

Conducted: \pm 1.23dB

Radiated:

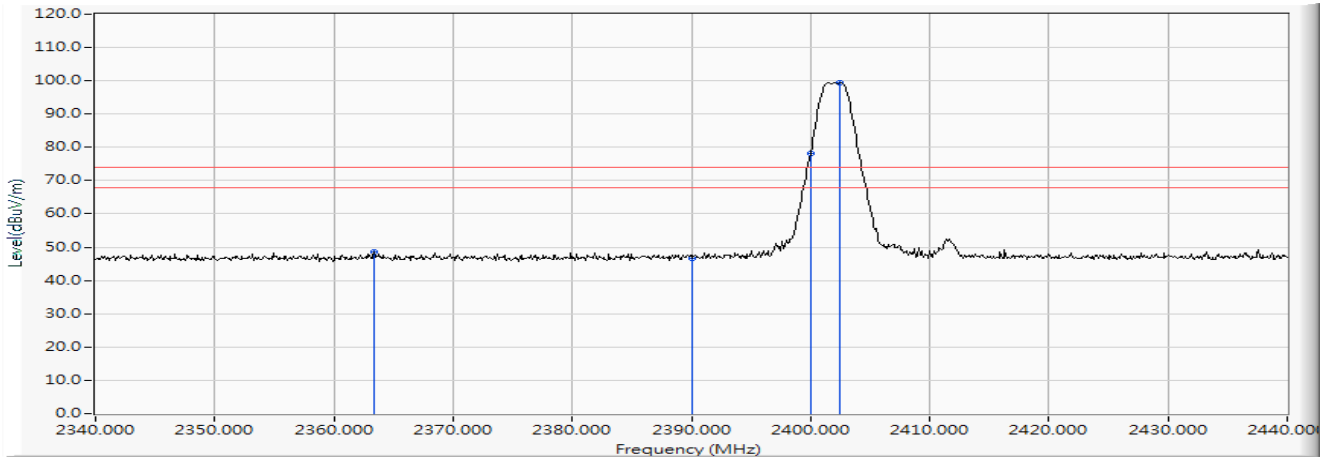
Horizontal polarization : 1-18GHz: \pm 3.77dB

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

5.5. Test Result of Band Edge

Product : Intel® Wireless-AC 9560
 Test Item : Band Edge
 Test Mode : Mode 1: Transmit - BLE (2402MHz)
 Test Date : 2019/10/17

Horizontal



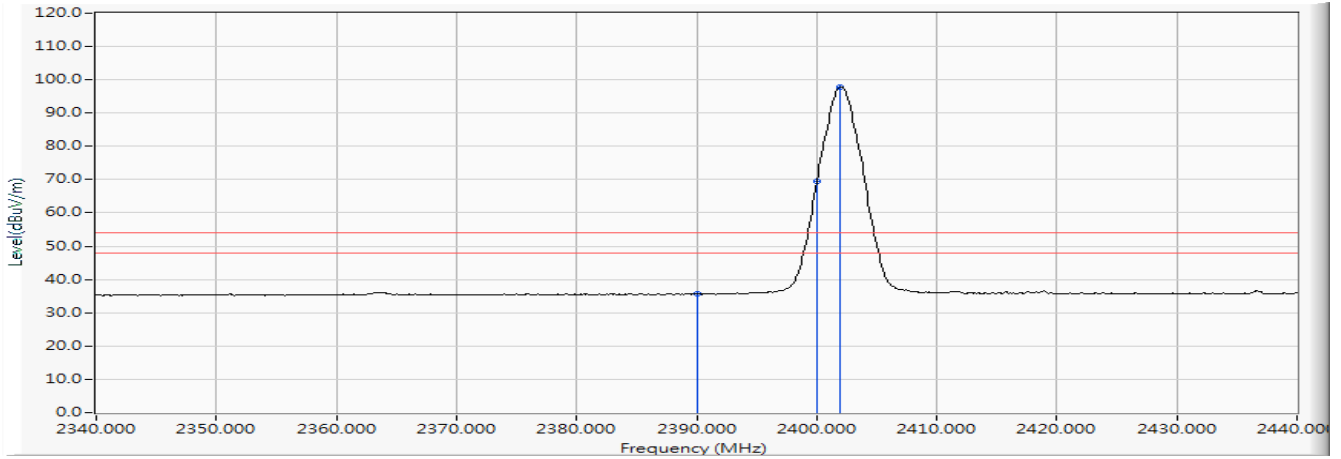
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | | 2363.400 | 10.155 | 38.290 | 48.445 | -25.555 | 74.000 | PEAK |
| 2 | | 2390.000 | 10.262 | 36.389 | 46.651 | -27.349 | 74.000 | PEAK |
| 3 | | 2400.000 | 10.304 | 67.972 | 78.275 | -- | -- | PEAK |
| 4 | * | 2402.500 | 10.313 | 89.196 | 99.510 | -- | -- | 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
 Test Mode : Mode 1: Transmit - BLE (2402MHz)
 Test Date : 2019/10/17

Horizontal



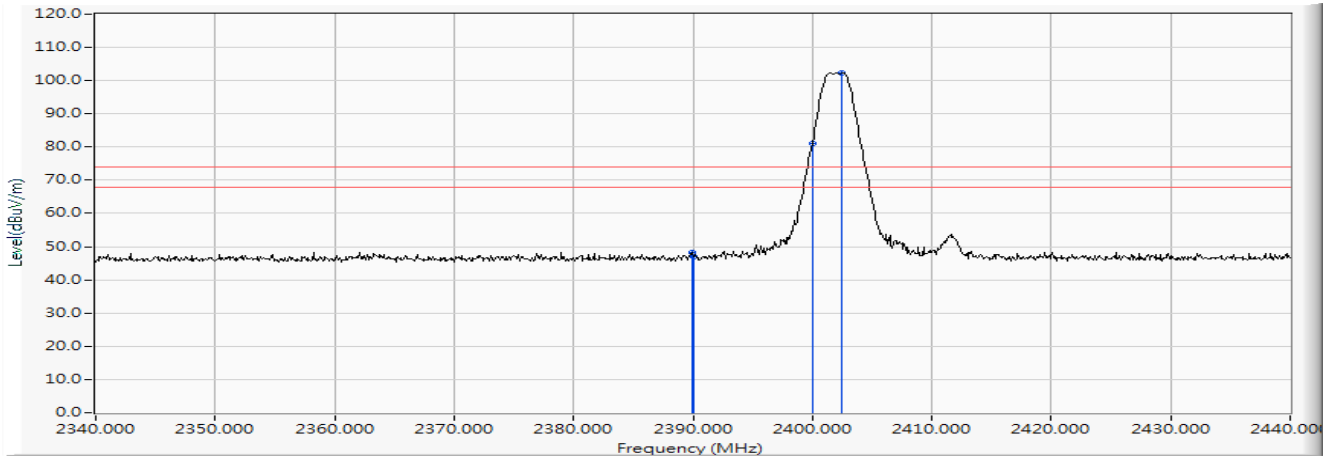
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | | 2390.000 | 10.262 | 25.376 | 35.638 | -18.362 | 54.000 | AVERAGE |
| 2 | | 2400.000 | 10.304 | 59.328 | 69.631 | -- | -- | AVERAGE |
| 3 | * | 2402.000 | 10.311 | 87.626 | 97.938 | -- | -- | 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
 Test Mode : Mode 1: Transmit - BLE (2402MHz)
 Test Date : 2019/10/17

Vertical



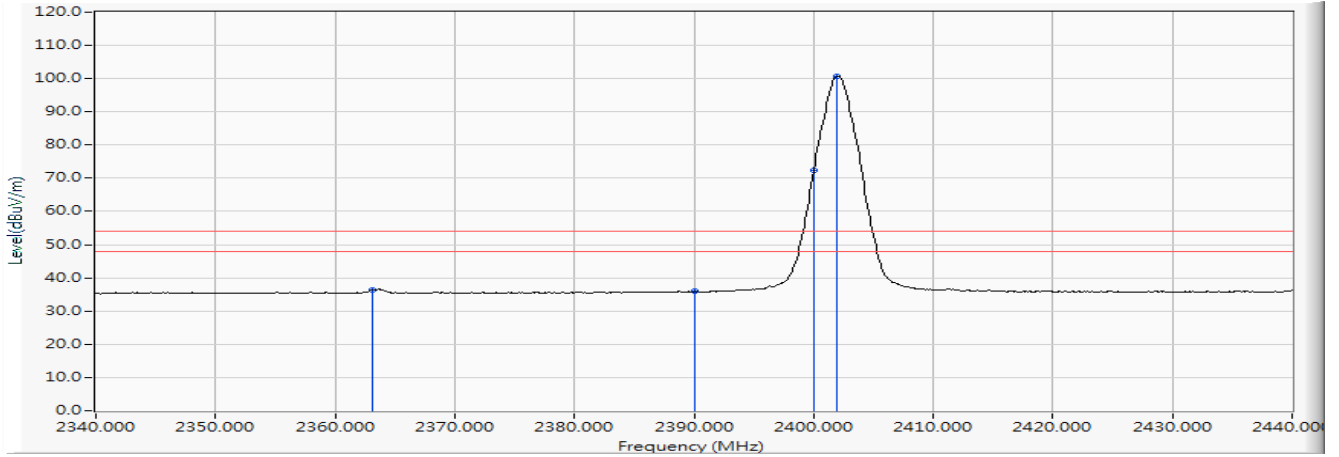
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | | 2389.900 | 10.262 | 38.045 | 48.307 | -25.693 | 74.000 | PEAK |
| 2 | | 2390.000 | 10.262 | 36.761 | 47.023 | -26.977 | 74.000 | PEAK |
| 3 | | 2400.000 | 10.304 | 70.862 | 81.165 | -- | -- | PEAK |
| 4 | * | 2402.500 | 10.313 | 92.066 | 102.380 | -- | -- | 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
 Test Mode : Mode 1: Transmit - BLE (2402MHz)
 Test Date : 2019/10/17

Vertical



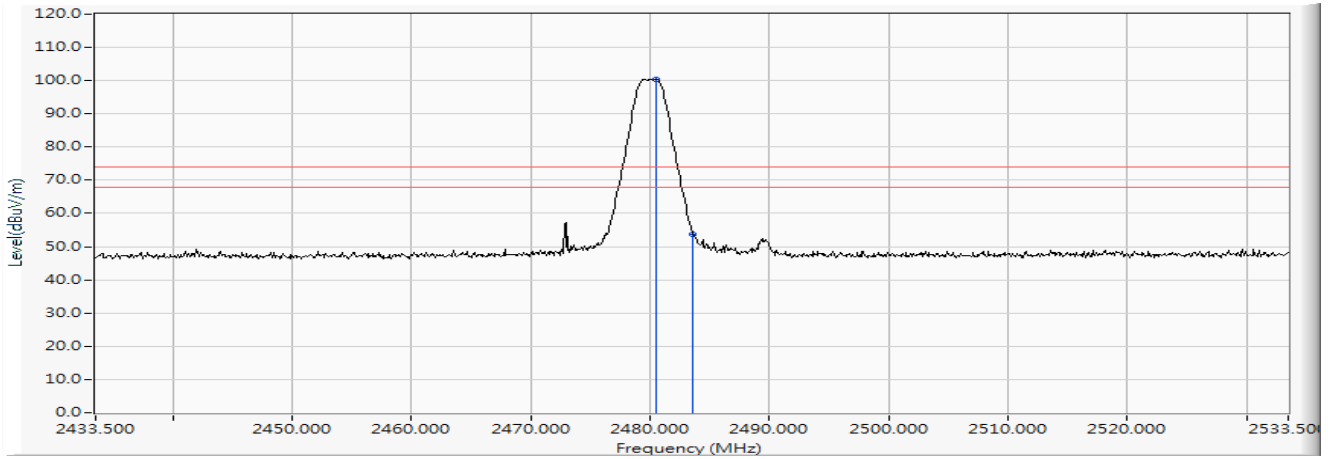
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | | 2363.100 | 10.154 | 26.192 | 36.346 | -17.654 | 54.000 | AVERAGE |
| 2 | | 2390.000 | 10.262 | 25.653 | 35.915 | -18.085 | 54.000 | AVERAGE |
| 3 | | 2400.000 | 10.304 | 62.222 | 72.525 | -- | -- | AVERAGE |
| 4 | * | 2402.000 | 10.311 | 90.442 | 100.754 | -- | -- | 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
 Test Mode : Mode 1: Transmit - BLE (2480MHz)
 Test Date : 2019/10/17

Horizontal



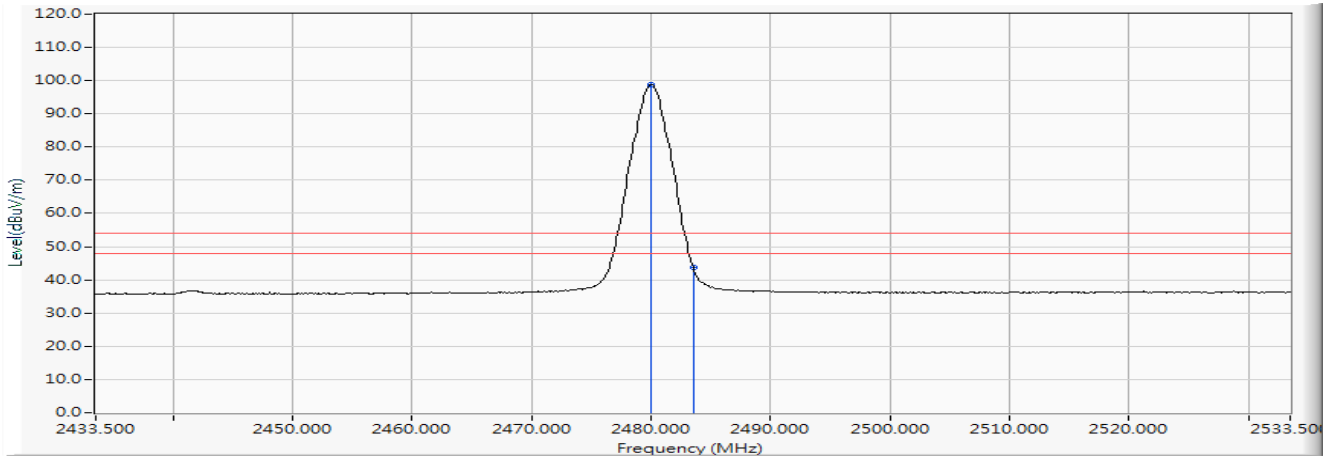
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | * | 2480.500 | 10.630 | 89.748 | 100.378 | -- | -- | PEAK |
| 2 | | 2483.500 | 10.640 | 43.120 | 53.761 | -20.239 | 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
 Test Mode : Mode 1: Transmit - BLE (2480MHz)
 Test Date : 2019/10/17

Horizontal



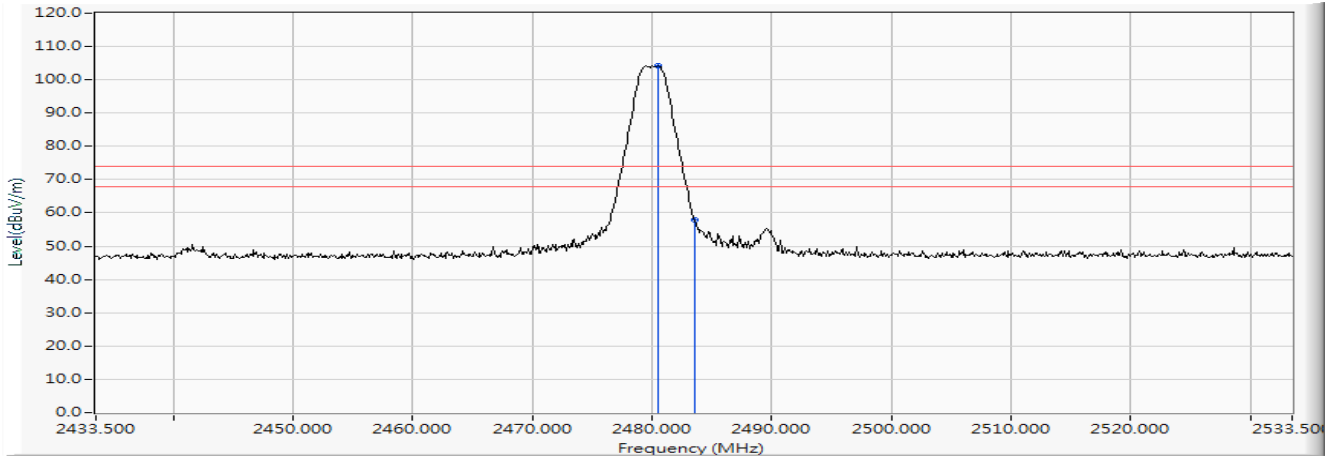
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | * | 2480.000 | 10.628 | 88.097 | 98.725 | -- | -- | AVERAGE |
| 2 | | 2483.500 | 10.640 | 33.196 | 43.837 | -10.163 | 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
 Test Mode : Mode 1: Transmit - BLE (2480MHz)
 Test Date : 2019/10/17

Vertical



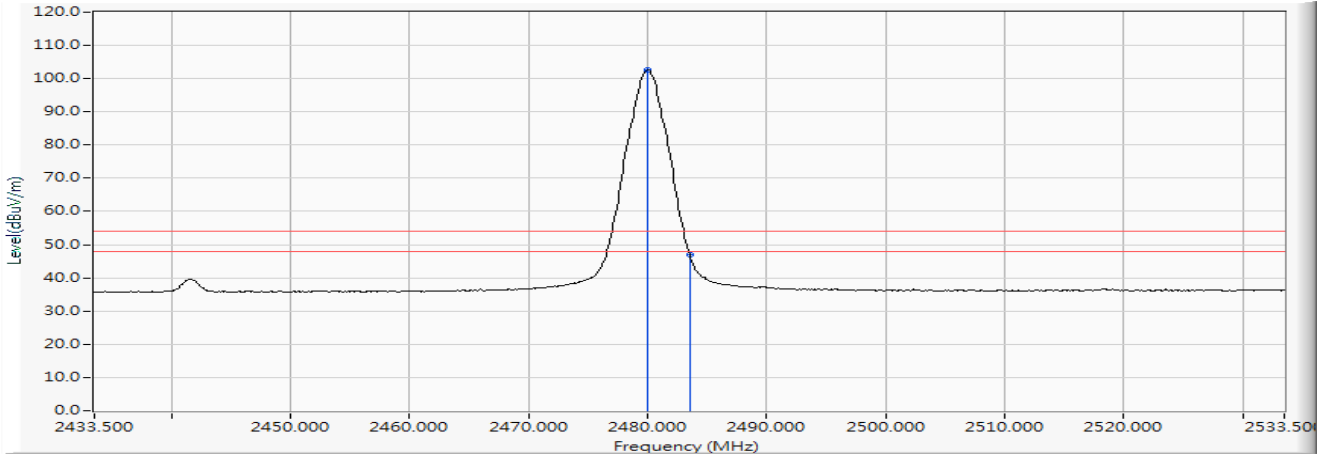
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | * | 2480.500 | 10.630 | 93.538 | 104.168 | -- | -- | PEAK |
| 2 | | 2483.500 | 10.640 | 47.328 | 57.969 | -16.031 | 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
 Test Mode : Mode 1: Transmit - BLE (2480MHz)
 Test Date : 2019/10/17

Vertical



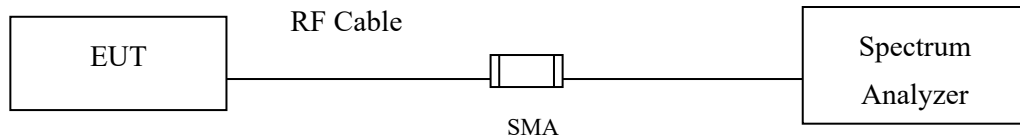
| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBµV) | Measure Level (dBµV/m) | Margin (dB) | Limit (dBµV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | * | 2480.000 | 10.628 | 91.906 | 102.534 | -- | -- | AVERAGE |
| 2 | | 2483.500 | 10.640 | 36.321 | 46.962 | -7.038 | 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 1: Transmit - BLE

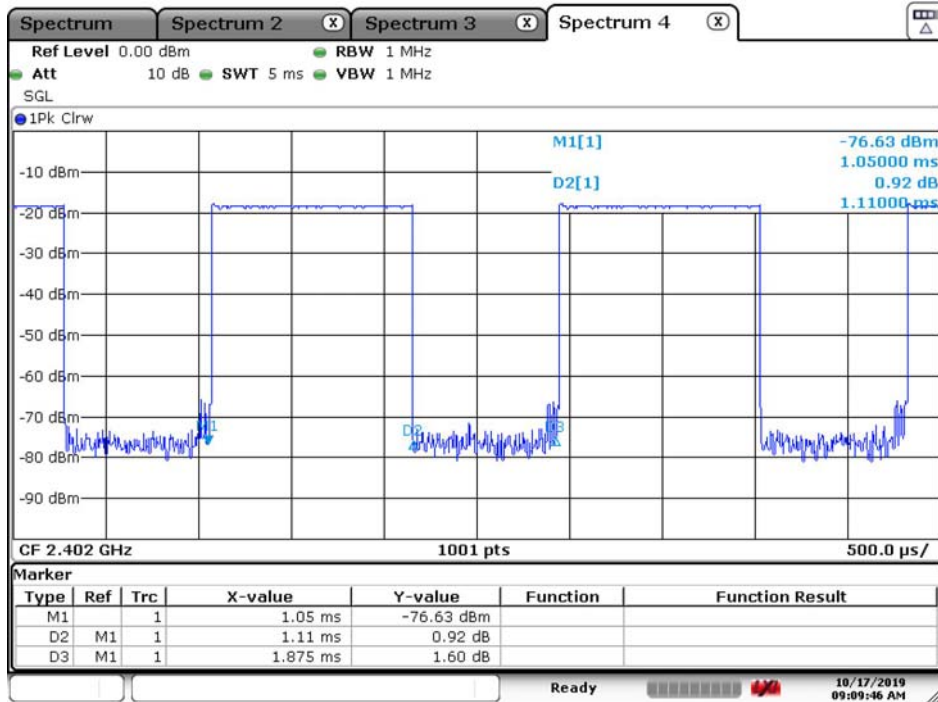
Duty Cycle Formula:

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

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

Results:

| 2.4GHz band | Ton (ms) | Ton + Toff (ms) | Duty Cycle (%) | Duty Factor (dB) |
|-------------|----------|-----------------|----------------|------------------|
| BLE | 1.1100 | 1.8750 | 59.20 | 2.28 |



Date: 17.OCT.2019 09:09:46

7. EMI Reduction Method During Compliance Testing

No modification was made during testing.