FCC Test Report
(Class II Permissive Change)

Product Name	Intel® Wireless-AC 9560
Model No.	9560NGW
FCC ID.	2ANPM9560NG

Applicant	Nexstgo Company Limited
Address	FLAT/RM 1602 16/F ENTERPRISE SQUARE TOWER II NO.9 SHEUNG YUET ROAD, KOWLOON BAY, Hong Kong

Date of Receipt	Oct. 24, 2018
Issued Date	Dec. 10, 2018
Report No.	18A0330R-RFUSP12V00-C
Report Version	V1.0

Testing Laboratory
3023

Test Report

Issued Date: Dec. 10, 2018
Report No.: 18A0330R-RFUSP12V00-C

Product Name	Intel® Wireless-AC 9560
Applicant	Nexstgo Company Limited
Address	FLAT/RM 1602 16/F ENTERPRISE SQUARE TOWER II NO.9 SHEUNG YUET ROAD, KOWLOON BAY, Hong Kong
Manufacturer	Intel Mobile Communications France SAS
Model No.	9560NGW
FCC ID.	2ANPM9560NG
EUT Rated Voltage	DC 3.3V
EUT Test Voltage	AC 120V/60Hz
Trade Name	Intel
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C: 2017 ANSI C63.4: 2014, ANSI C63.10: 2013 KDB 558074 D01 DTS Meas Guidance v05
Test Result	Complied

Documented By : Anny Chou

(Senior Adm. Specialist / Anny Chou)

Tested By : Yun Che Chen

(Assistant Engineer / Yunche Chen)

Approved By :

(Director / Vincent Lin)

TABLE OF CONTENTS

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Intel® Wireless-AC 9560
Trade Name	Intel
Model No.	9560NGW
FCC ID.	2ANPM9560NG
Frequency Range	2402 – 2480MHz
Channel Number	V5.0: 40CH
Type of Modulation	V5.0: GFSK
Antenna Type	PIFA/SLOT Antenna
Channel Control	Auto
Antenna Gain	Refer to the table “Antenna List”
Test Platform.	Brand Name: Nexstgo, M/N: NZ14N1

Antenna List:

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	Jieng Tai International Electronic Corp.	JT1805YY0311 (Main) JT1805YY1511 (Aux)	PIFA	-0.88 dBi for 2.4GHz
2	Well Green Technology Co., LTD.	SNSUPWIPB01 (Main) SNSUPWIPB03 (Aux)	SLOT	-0.07 dBi for 2.4GHz

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

(2) Well Green Technology antenna(No2) was tested and recorded in this report since it represents different Antenna Type.

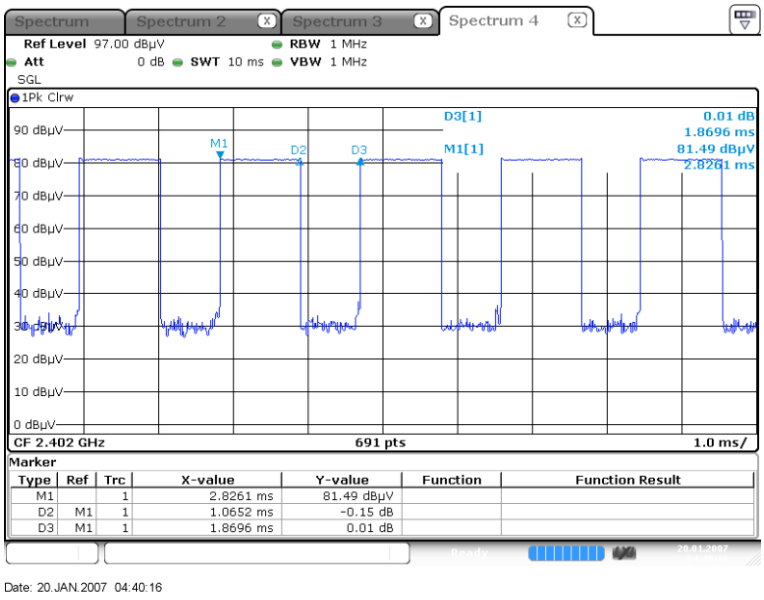
Center Frequency of Each Channel:

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

Duty Cycle:

BLE	0.57

*Duty cycle = Ton / (Ton + Toff)



Note:

1. The EUT is an Intel® Wireless-AC 9560 with a built-in WLAN、Bluetooth transceiver, this report for Bluetooth V5.0.
2. These tests were conducted on a sample for the purpose of demonstrating compliance of Bluetooth 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: 2ANPM9560NG, originally granted on 11/20/2018.

   The major change filed under this application is:

   Change #1: Additional Chassis added, Nexstgo, model number: NZ14N1.

   Change #2: Add two new antennas, the antenna type(Slot antenna) of Antenna List (No. 2) is different than the original application, the type(PIFA antenna) of Antenna List (No. 1) is the same as the original application . And the gains of all antennas are lower than the original application.

Test Mode	Mode 1: Transmit - BLE (GFSK)

1.2. Operational Description

The EUT is an Intel® Wireless-AC 9560 with built-in 2.4GHz and 5GHz WLAN、Bluetooth transceiver. The number of the channels is 40 in Bluetooth V5.0 mode. This device provides GFSK modulation.

The system receivers have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals

Frequency hopping spread spectrum systems are not required to employ all available hopping channels during each transmission. The transmitter is presented with a continuous data stream. In addition, a system employing short transmission bursts must comply with the definition of a frequency hopping system and must distribute its 40 channels.

The incorporation of intelligence within a frequency hopping spread spectrum system that permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hopsets to avoid hopping on occupied channels is permitted.

The coordination of frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters is not permitted.

The EUT is forward-compatible with the impending Bluetooth Low Energy operating mode, which provides a dramatic reduction in the power consumption of the Bluetooth radio and baseband. The primary application for this mode is to provide support for low data rate devices, such as sensors and remote controls.

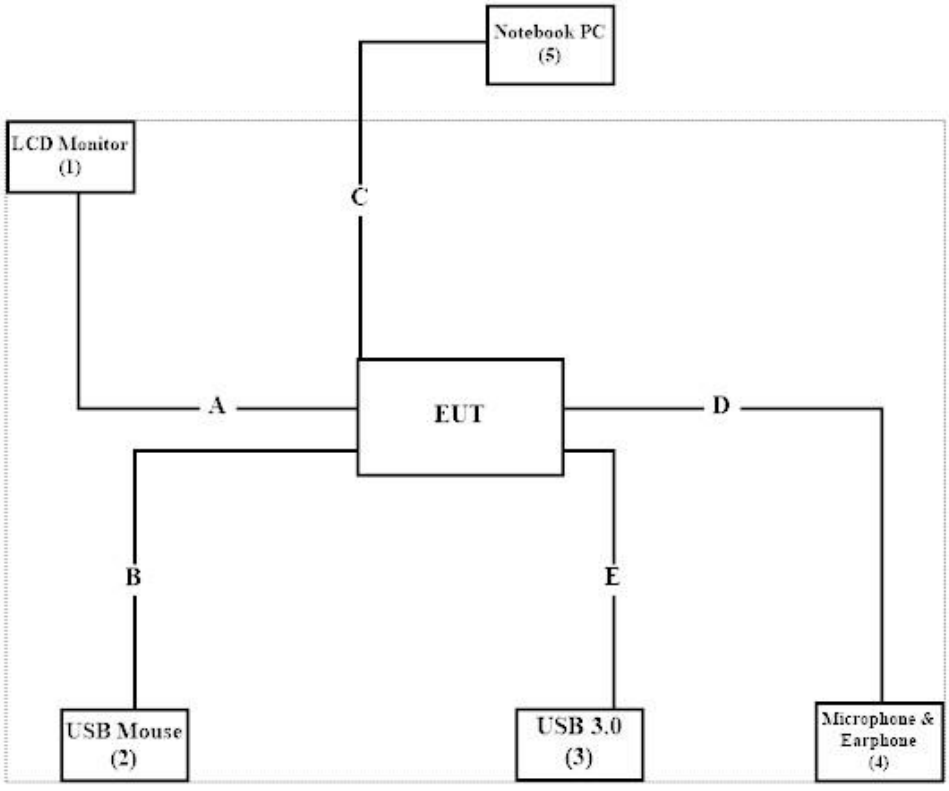
1.3. Tested System Details

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	LCD Monitor	ASUS	VS229HA	F4LMQS135395	N/A
2	USB Mouse	Logitech	M-U0026	1245HS0684K8	N/A
3	USB 3.0(1T)	Transcend	TS1TSJ25M3	C13890-3746	N/A
4	Microphone & Earphone	Ergotech	E201	N/A	N/A
5	Notebook PC	DELL	Latitude 5580	2HRD7H2	N/A

Signal Cable Type		Signal cable Description
A	HDMI Cable	Non-shielded, 1.6m
B	Mouse Cable	Non-shielded, 1.7m
C	USB to LAN Cable	Non-shielded, 0.15m
D	Earphone Cable	Non-shielded, 1.9m
E	USB Cable	Non-shielded, 0.2m

1.4. Configuration of Tested System



1.5. EUT Exercise Software

(1) Setup the EUT as shown on 1.4

(2) Execute software “DRTU (Ver 11.1812.0-07258)” on the EUT.

(3) Configure the test mode, the test channel, and the data rate.

(4) Start the continuous transmission.

(5) Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

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

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:
http://www.dekra.com.tw/chinese/about/certificates.aspx?bval=5
The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: http:// www.dekra.com.tw

Site Description: Accredited by TAF
Accredited Number: 3023

Site Name: DEKRA Testing and Certification Co., Ltd
Site Address: No.5-22, Ruishukeng, Linkou Dist., New Taipei City 24451, Taiwan, R.O.C.
TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789
E-Mail : info.tw@dekra.com

FCC Accreditation Number: TW3023

1.7. List of Test Item and Equipment

For Conducted measurements /CB3/SR8

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Date	Due. Date
	Temperature Chamber	WIT GROUP	TH-1S-B	EQ-201-00146	2018/02/12	2019/02/11
X	Spectrum Analyzer	Agilent	N9010A	MY53470892	2018/09/27	2019/09/26
X	Peak Power Analyzer	Keysight	8990B	MY51000410	2018/08/01	2019/07/31
X	Wideband Power Sensor	Keysight	N1923A	MY56080003	2018/07/25	2019/07/24
X	Wideband Power Sensor	Keysight	N1923A	MY56080004	2018/07/25	2019/07/24
	EMI Test Receiver	R&S	ESCS 30	100369	2018/11/19	2019/11/18
	LISN	R&S	ESH3-Z5	836679/017	2018/02/09	2019/02/08
	LISN	R&S	ENV216	100097	2018/02/09	2019/02/08
	Coaxial Cable	DEKRA	RG 400	LC018-RG	2018/06/21	2019/06/20

For Radiated measurements /Site3/CB8

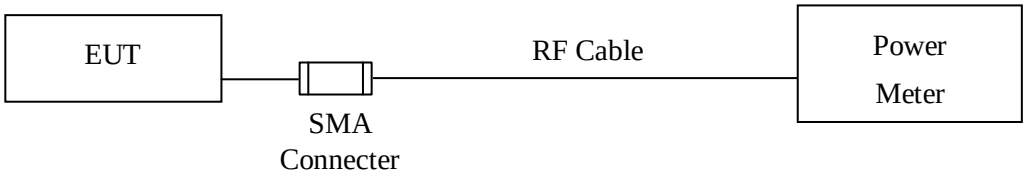
	Equipment	Manufacturer	Model No.	Serial No.	Cali. Date	Due. Date
X	Spectrum Analyzer	R&S	FSP40	100170	2018/03/12	2019/03/11
	Loop Antenna	Teseq	HLA6121	37133	2017/10/13	2019/10/12
X	Bilog Antenna	Schaffner Chase	CBL6112B	2707	2018/06/24	2019/06/23
X	Coaxial Cable	DEKRA	RG 214	LC003-RG	2018/06/14	2019/06/13
X	Pre-Amplifier	Jet-Power	JPA-10M1G33	17010100033001	2018/06/14	2019/06/13
X	Horn Antenna	ETS-Lindgren	3117	00135205	2018/05/03	2019/05/02
X	Horn Antenna	SCHWARZBECK	9120D	576	2018/11/30	2019/11/29
X	Pre-Amplifier	EMCI	EMC012630SE	980210	2018/04/10	2019/04/09
	Horn Antenna	Com-Power	AH-840	101043	2018/01/09	2019/01/08
	Amplifier + Cable	EMCI	EMC184045SE	980370	2018/03/21	2019/03/20
X	Filter	MICRO-TRONIC	BRM50702	G270	2018/08/06	2019/08/05
	Filter	MICRO-TRONIC	BRM50716	G196	2018/08/06	2019/08/05

Note:

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

2. Peak Power Output

2.1. Test Setup



2.2. Limit

The maximum peak power shall be less 1Watt.

2.3. Test Procedure

Tested according to DTS test procedure of KDB 558074 for compliance to FCC 47CFR 15.247 requirements. The maximum peak conducted output power using KDB 558074 section 8.3.1.3 PKPM1 Peak power meter method.

2.4. Uncertainty

± 1.27 dB

2.5. Test Result of Peak Power Output

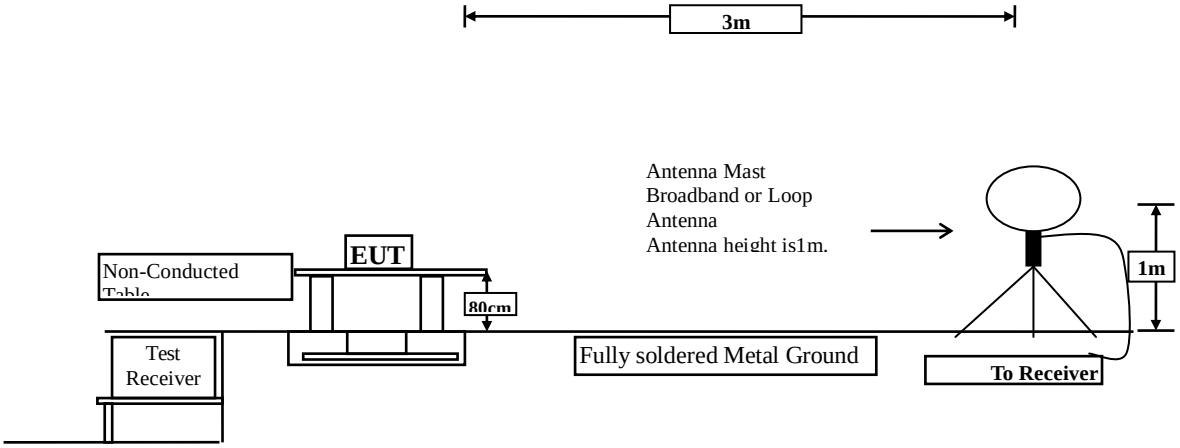
Product : Intel® Wireless-AC 9560
Test Item : Peak Power Output
Test Site : No.3 OATS
Test date : 2018/11/23
Test Mode : Mode 1: Transmit - BLE (GFSK)

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit	Result
Channel 00	2402.00	8.53	1 Watt= 30 dBm	Pass
Channel 19	2440.00	8.82	1 Watt= 30 dBm	Pass
Channel 39	2480.00	9.13	1 Watt= 30 dBm	Pass

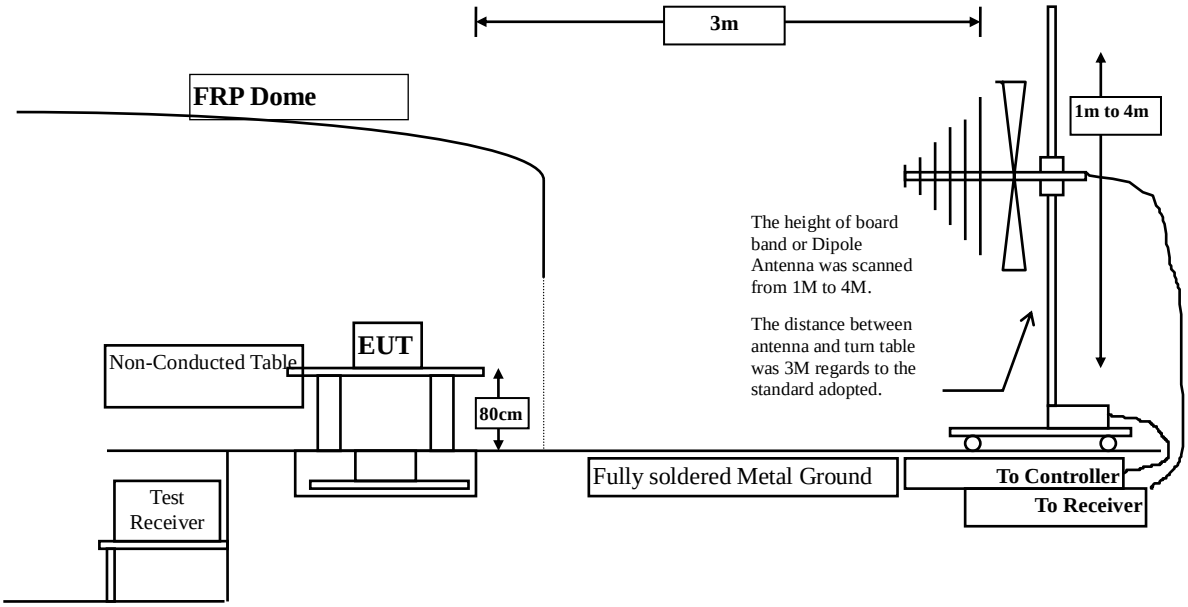
3. Radiated Emission

3.1. Test Setup

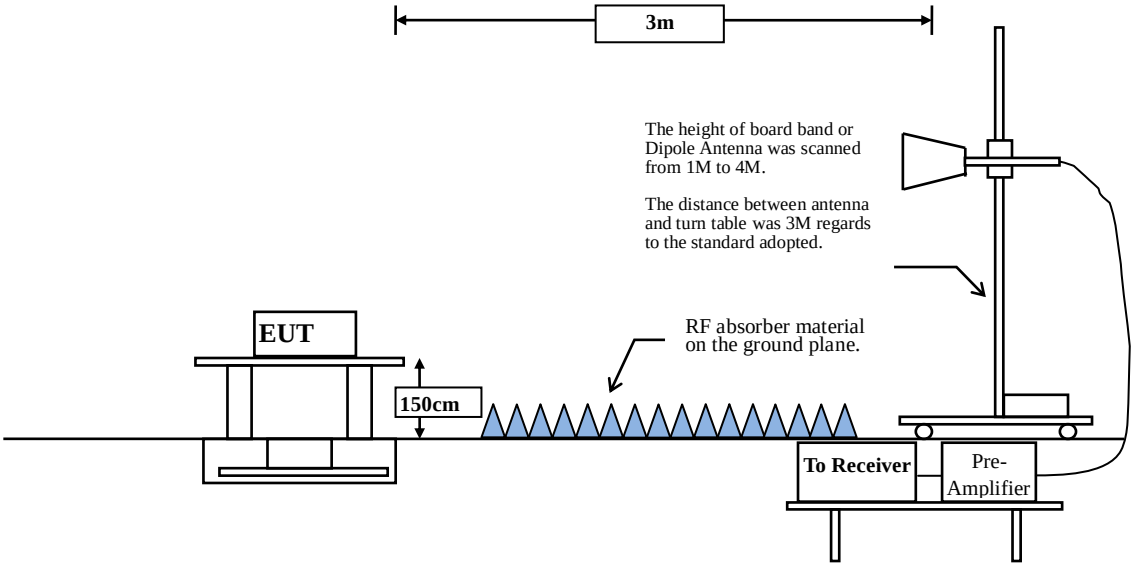
Under 30MHz



Below 1GHz



Above 1GHz



3.2. 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.

3.3. Test Procedure

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

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground,when measuring the frequency range above 1GHz, the EUT is placed on a turn table which is 1.5 meter above ground.

The turn table is rotated 360 degrees to determine the position of the maximum emission level.

The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

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

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

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

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

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

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

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

The average measurement tested according to KDB 558074 section 12.2.5.3. Reduced VBW averaging across on- and off-times of the EUT transmissions with max hold.

VBW ≥ 1/T:

T	1/T	VBW Setting
1.0652	939	1000

3.4. Uncertainty

± 4.08 dB above 1GHz

± 4.22 dB below 1GHz

3.5. Test Result of Radiated Emission

Product : Intel® Wireless-AC 9560
Test Item : Harmonic Radiated Emission
Test Site : No.8 CB
Test date : 2018/11/22
Test Mode : Mode 1: Transmit - BLE (GFSK)(2402MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4804.000	-9.896	48.380	38.484	-35.516	74.000
7206.000	-5.013	46.680	41.667	-32.333	74.000
9608.000	-1.472	43.810	42.339	-31.661	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
4804.000	-6.585	47.920	41.335	-32.665	74.000
7206.000	-4.144	47.630	43.486	-30.514	74.000
9608.000	-1.075	43.940	42.866	-31.134	74.000
Average Detector:					
--	--	--	--	--	54.000

Note:

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

Product : Intel® Wireless-AC 9560
Test Item : Harmonic Radiated Emission
Test Site : No.8 CB
Test date : 2018/11/22
Test Mode : Mode 1: Transmit - BLE (GFSK) (2440MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4880.000	-10.307	46.310	36.003	-37.997	74.000
7320.000	-3.857	47.580	43.723	-30.277	74.000
9760.000	-2.579	43.080	40.502	-33.498	74.000
Average Detector:					
--	--	--	--	--	54.000
Vertical					
Peak Detector:					
4880.000	-10.307	46.190	35.883	-38.117	74.000
7320.000	-2.987	47.590	44.603	-29.397	74.000
9760.000	-2.107	42.530	40.423	-33.577	74.000
Average Detector:					
--	--	--	--	--	54.000

Note:

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

Product : Intel® Wireless-AC 9560
Test Item : Harmonic Radiated Emission
Test Site : No.8 CB
Test date : 2018/11/22
Test Mode : Mode 1: Transmit - BLE (GFSK) (2480MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4960.000	-10.666	45.770	35.105	-38.895	74.000
7440.000	-3.631	47.310	43.679	-30.321	74.000
9920.000	-2.397	45.810	43.413	-30.587	74.000
Average					
Detector:					
--					
Vertical					
Peak Detector:					
4960.000	-10.666	47.000	36.335	-37.665	74.000
7440.000	-3.631	46.533	42.902	-31.098	74.000
9920.000	-1.895	45.870	43.975	-30.025	74.000
Average					
Detector:					
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. 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 Site : No.3 OATS
Test date : 2018/11/28
Test Mode : Mode 1: Transmit - BLE (GFSK) (2440MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
167.740	-19.058	55.616	36.558	-6.942	43.500
278.320	-15.722	49.150	33.428	-12.572	46.000
455.830	-7.401	43.336	35.935	-10.065	46.000
504.330	-7.456	48.766	41.310	-4.690	46.000
792.420	-3.664	39.778	36.114	-9.886	46.000
959.260	-3.413	37.056	33.643	-12.357	46.000
Vertical					
167.740	-13.748	51.780	38.032	-5.468	43.500
250.190	-14.175	53.094	38.919	-7.081	46.000
480.080	-12.836	53.356	40.520	-5.480	46.000
504.330	-9.526	51.149	41.623	-4.377	46.000
696.390	-8.718	38.904	30.186	-15.814	46.000
961.200	-6.742	36.320	29.578	-24.422	54.000

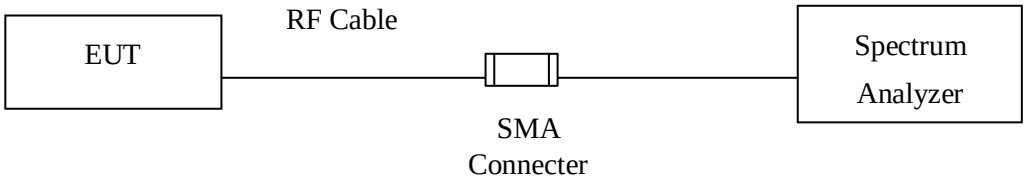
Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 1 KHz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

4. Band Edge

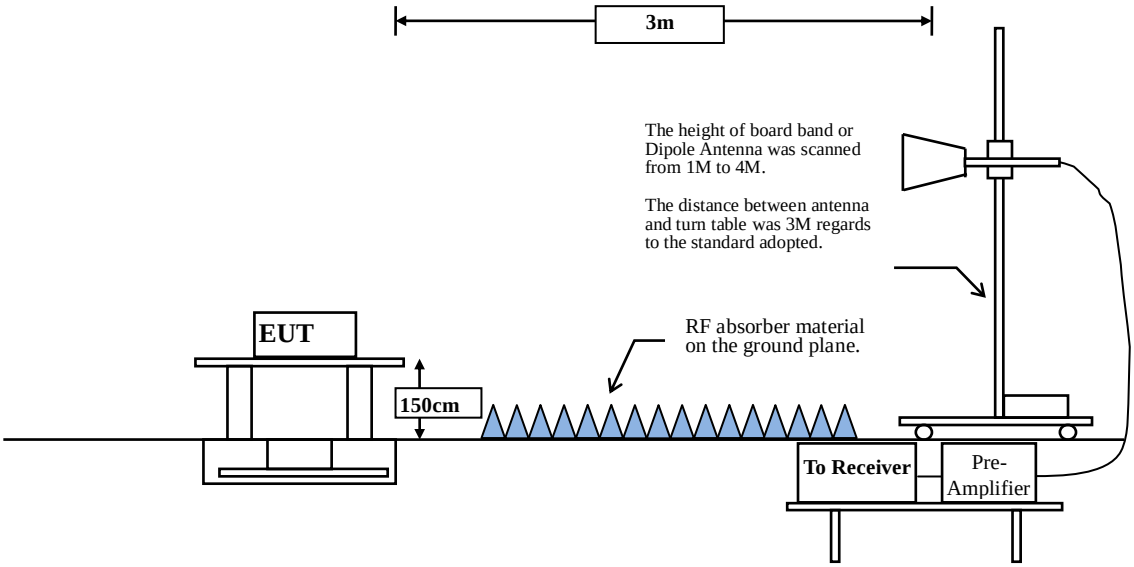
4.1. Test Setup

RF Conducted Measurement



RF Radiated Measurement:

Above 1GHz



4.2. Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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 a radiated measurement. 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)).

4.3. Test Procedure

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

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

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

The average measurement tested according to KDB 558074 section 12.2.5.3. Reduced VBW averaging across on- and off-times of the EUT transmissions with max hold.

VBW ≥ 1/T:

T	1/T	VBW Setting
1.0652	939	1000

4.4. Uncertainty

± 4.08 dB above 1GHz

± 4.22 dB below 1GHz

4.5. Test Result of Band Edge

Product : Intel® Wireless-AC 9560
Test Item : Band Edge
Test Site : No.8 CB
Test date : 2018/11/20
Test Mode : Mode 1: Transmit - BLE (GFSK) (2402MHz)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
00 (Peak)	2390.000	6.474	39.583	46.058	74.00	54.00	Pass
00 (Peak)	2400.000	6.528	63.240	69.768	--	--	--
00 (Peak)	2401.449	6.537	83.977	90.514	--	--	--
00 (Average)	2390.000	6.474	23.082	29.557	74.00	54.00	Pass
00 (Average)	2400.000	6.528	53.922	60.450	--	--	--
00 (Average)	2402.029	6.540	82.776	89.316	--	--	--

Figure Channel 00: Horizontal (Peak)

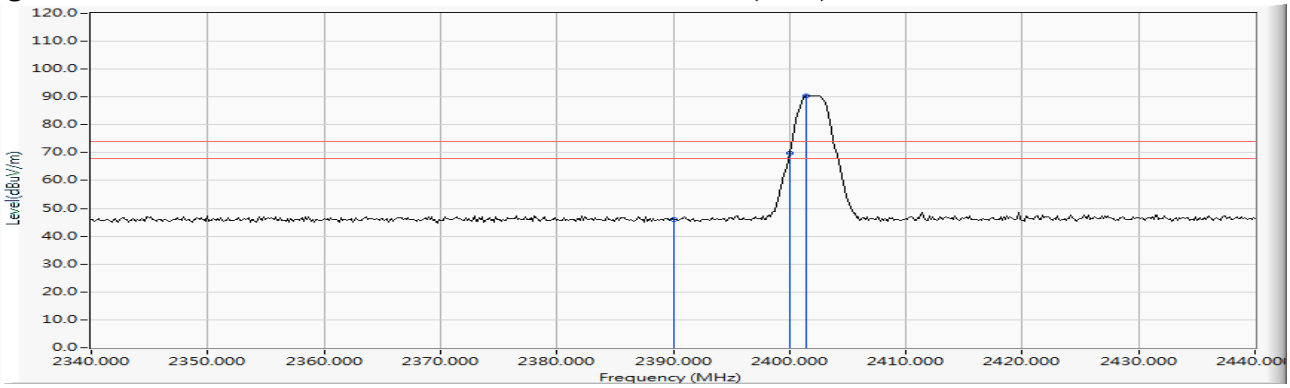
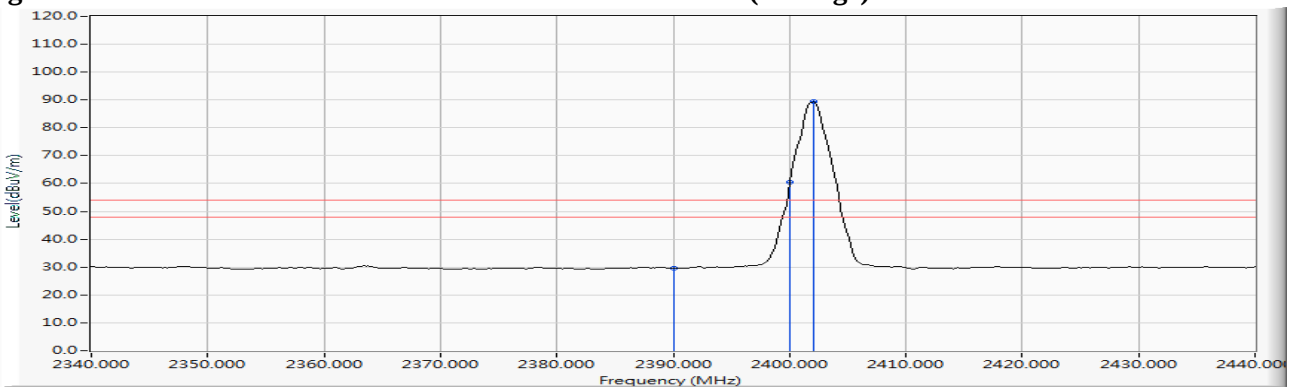


Figure Channel 00: Horizontal (Average)



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 Site : No.8 CB
Test date : 2018/11/20
Test Mode : Mode 1: Transmit - BLE (GFSK) (2402MHz)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
00 (Peak)	2390.000	5.880	40.051	45.932	74.00	54.00	Pass
00 (Peak)	2400.000	5.879	66.919	72.798	--	--	--
00 (Peak)	2401.449	5.883	87.629	93.512	--	--	--
00 (Average)	2363.188	5.991	24.922	30.913	74.00	54.00	Pass
00 (Average)	2390.000	5.880	23.379	29.260	74.00	54.00	Pass
00 (Average)	2400.000	5.879	57.344	63.223	--	--	--
00 (Average)	2402.029	5.884	86.227	92.111	--	--	--

Figure Channel 00: Vertical (Peak)

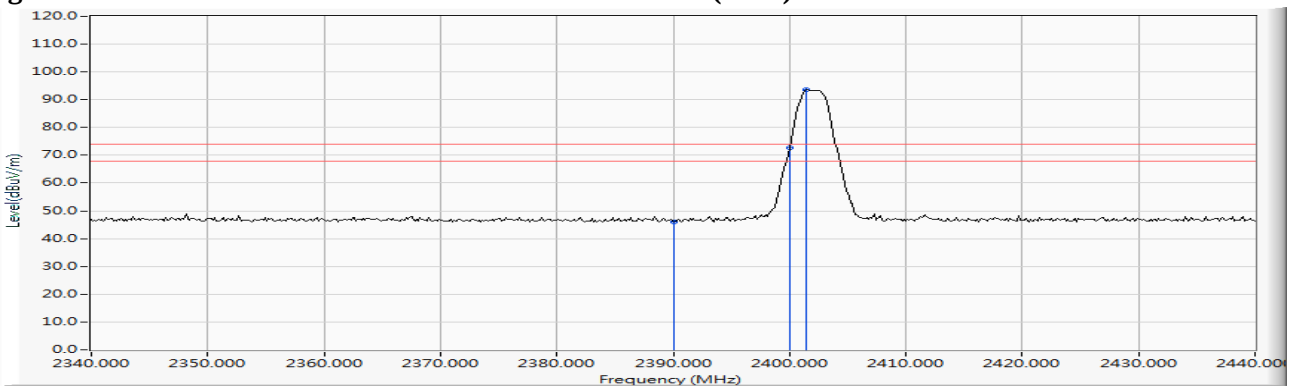
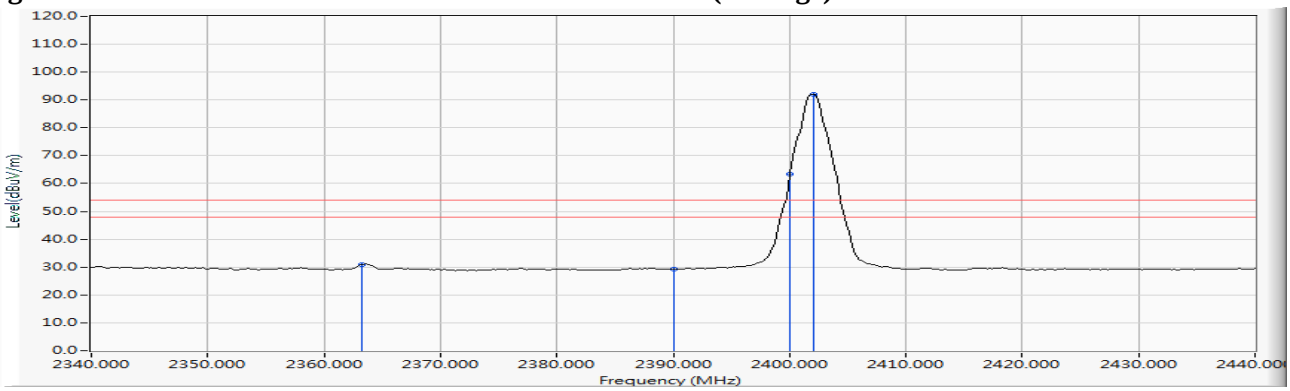


Figure Channel 00: Vertical (Average)



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 Site : No.8 CB
Test date : 2018/11/20
Test Mode : Mode 1: Transmit - BLE (GFSK) (2480MHz)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
39 (Peak)	2479.587	7.082	85.463	92.545	--	--	--
39 (Peak)	2483.500	7.110	42.040	49.150	74.00	54.00	Pass
39 (Peak)	2489.587	7.154	43.448	50.601	74.00	54.00	Pass
39 (Average)	2480.022	7.086	83.868	90.953	--	--	--
39 (Average)	2483.500	7.110	27.800	34.910	74.00	54.00	Pass

Figure Channel 39: Horizontal (Peak)

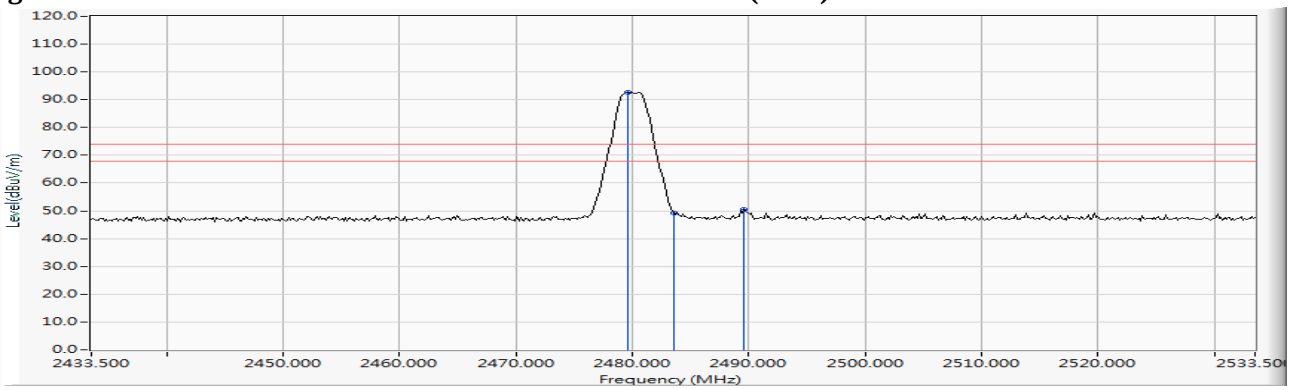
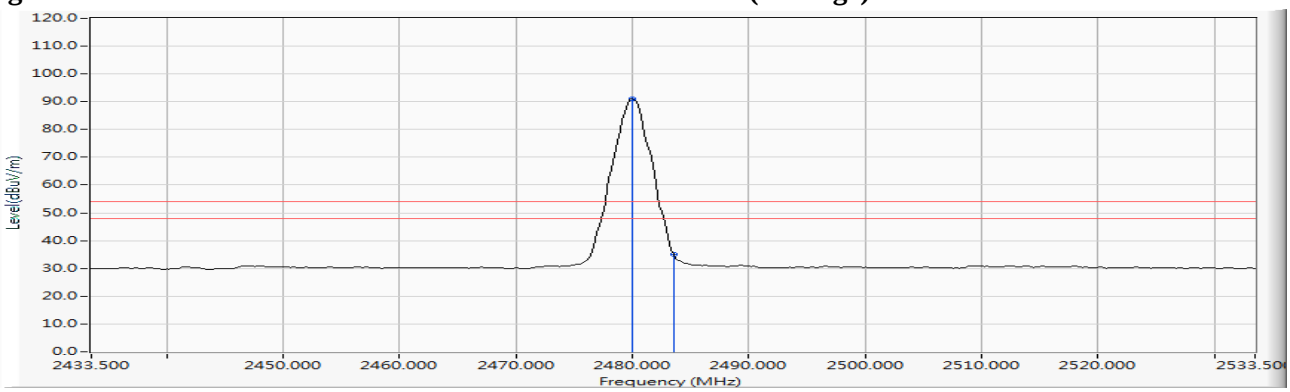


Figure Channel 39: Horizontal (Average)



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 Site : No.8 CB
Test date : 2018/11/20
Test Mode : Mode 1: Transmit - BLE (GFSK) (2480MHz)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
39 (Peak)	2479.587	6.338	88.423	94.762	--	--	--
39 (Peak)	2483.500	6.363	43.778	50.141	74.00	54.00	Pass
39 (Peak)	2489.587	6.402	44.662	51.063	74.00	54.00	Pass
39 (Average)	2480.022	6.342	86.816	93.158	--	--	--
39 (Average)	2483.500	6.363	30.146	36.509	74.00	54.00	Pass

Figure Channel 39: Vertical (Peak)

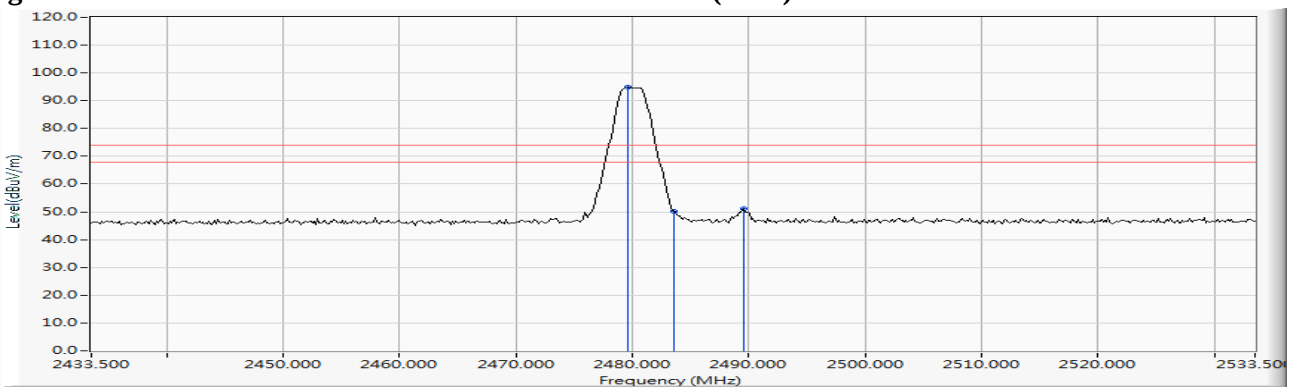
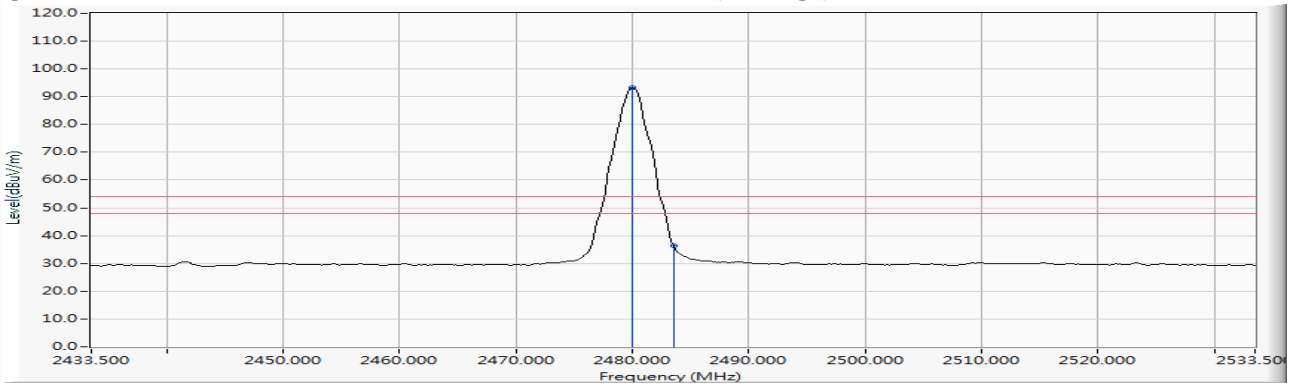


Figure Channel 39: Vertical (Average)



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.

5. EMI Reduction Method During Compliance Testing

No modification was made during testing.