

# FCC Test Report

Product Name	ROG STRIX GO 2.4
Model No.	ROG STRIX GO 2.4
FCC ID	BJM-ROGSTRIXS54WL

Applicant	Tatung Company
Address	22 Chungshan N Road Sec 3 ,Taipei 10451 ,Taiwan

Date of Receipt	Aug. 06, 2019
Issued Date	Sep. 12, 2019
Report No.	1980082R-RFUSP15V00
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

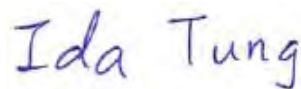
Issued Date: Sep. 12, 2019

Report No.: 1980082R-RFUSP15V00



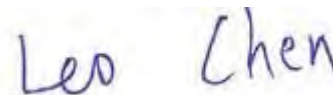
Product Name	ROG STRIX GO 2.4
Applicant	Tatung Company
Address	22 Chungshan N Road Sec 3 ,Taipei 10451 ,Taiwan
Manufacturer	Tatung Company
Model No.	ROG STRIX GO 2.4
FCC ID	BJM-ROGSTRIXS54WL
EUT Rated Voltage	DC 5V (Power by USB) or DC 3.7V (Power by Battery)
EUT Test Voltage	DC 5V (Power by USB)
Trade Name	ASUS
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C: 2018 ANSI C63.4: 2014, ANSI C63.10: 2013
Test Result	Complied

Documented By :



( Adm. Assistant / Ida Tung )

Tested By :



( Assistant Engineer / Leo Chen )

Approved By :



( Director / Vincent Lin )

## TABLE OF CONTENTS

Description	Page
<b>1. GENERAL INFORMATION .....</b>	<b>4</b>
1.1. EUT Description.....	4
1.2. Operational Description .....	6
1.3. Tested System Details.....	7
1.4. Configuration of Test System .....	7
1.5. EUT Exercise Software .....	7
1.6. Test Facility .....	8
1.7. List of Test Equipment .....	9
<b>2. Conducted Emission .....</b>	<b>10</b>
2.1. Test Setup .....	10
2.2. Limits .....	10
2.3. Test Procedure .....	11
2.4. Uncertainty .....	11
2.5. Test Result of Conducted Emission.....	12
<b>3. Radiated Emission .....</b>	<b>16</b>
3.1. Test Setup .....	16
3.2. Limits .....	17
3.3. Test Procedure .....	18
3.4. Uncertainty .....	18
3.5. Test Result of Radiated Emission.....	19
<b>4. Band Edge .....</b>	<b>47</b>
4.1. Test Setup .....	47
4.2. Limits .....	47
4.3. Test Procedure .....	48
4.4. Uncertainty .....	48
4.5. Test Result of Band Edge .....	49
<b>5. Duty Cycle .....</b>	<b>57</b>
5.1. Test Setup .....	57
5.2. Uncertainty .....	57
5.3. Test Result of Duty Cycle.....	58
<b>6. EMI Reduction Method During Compliance Testing .....</b>	<b>59</b>

Attachment 1: EUT Test Photographs

Attachment 2: EUT Detailed Photographs

## 1. GENERAL INFORMATION

### 1.1. EUT Description

Product Name	ROG STRIX GO 2.4
Trade Name	ASUS
Model No.	ROG STRIX GO 2.4
FCC ID	BJM-ROGSTRIXS54WL
Frequency Range	2409.35~2477.35MHz
Channel Number	35CH
Type of Modulation	Pi/4 DQPSK
Antenna Type	PCB Antenna
Channel Control	Refer to the table “Antenna List”
Antenna Gain	Auto

#### Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	ACX	N/A	PCB Antenna	3.1dBi for 2.4GHz

Note: The antenna of EUT is conform to FCC 15.203

**Center Frequency of Each Channel:**

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 03:	2409.35 MHz	Channel 13:	2429.35 MHz	Channel 23:	2449.35 MHz	Channel 33:	2469.35 MHz
Channel 04:	2411.35 MHz	Channel 14:	2431.35 MHz	Channel 24:	2451.35 MHz	Channel 34:	2471.35 MHz
Channel 05:	2413.35 MHz	Channel 15:	2433.35 MHz	Channel 25:	2453.35 MHz	Channel 35:	2473.35 MHz
Channel 06:	2415.35 MHz	Channel 16:	2435.35 MHz	Channel 26:	2455.35 MHz	Channel 36:	2475.35 MHz
Channel 07:	2417.35 MHz	Channel 17:	2437.35 MHz	Channel 27:	2457.35 MHz	Channel 37:	2477.35 MHz
Channel 08:	2419.35 MHz	Channel 18:	2439.35 MHz	Channel 28:	2459.35 MHz		
Channel 09:	2421.35 MHz	Channel 19:	2441.35 MHz	Channel 29:	2461.35 MHz		
Channel 10:	2423.35 MHz	Channel 20:	2443.35 MHz	Channel 30:	2463.35 MHz		
Channel 11:	2425.35 MHz	Channel 21:	2445.35 MHz	Channel 31:	2465.35 MHz		
Channel 12:	2427.35 MHz	Channel 22:	2447.35 MHz	Channel 32:	2467.35 MHz		

## Note:

1. The EUT is a ROG STRIX GO 2.4 with a built-in 2.4GHz wireless transceiver.
2. The EUT support diversity function. The worst case(ANT 1 and ANT 2) is shown in the report.
3. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
4. These tests are conducted on a sample of the equipment for the purpose of demonstrating compliance of transmitter with Part 15 Subpart C Paragraph 15.249 for spread spectrum devices.
5. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is shown in the report.

Test Mode	Mode 1: Transmit
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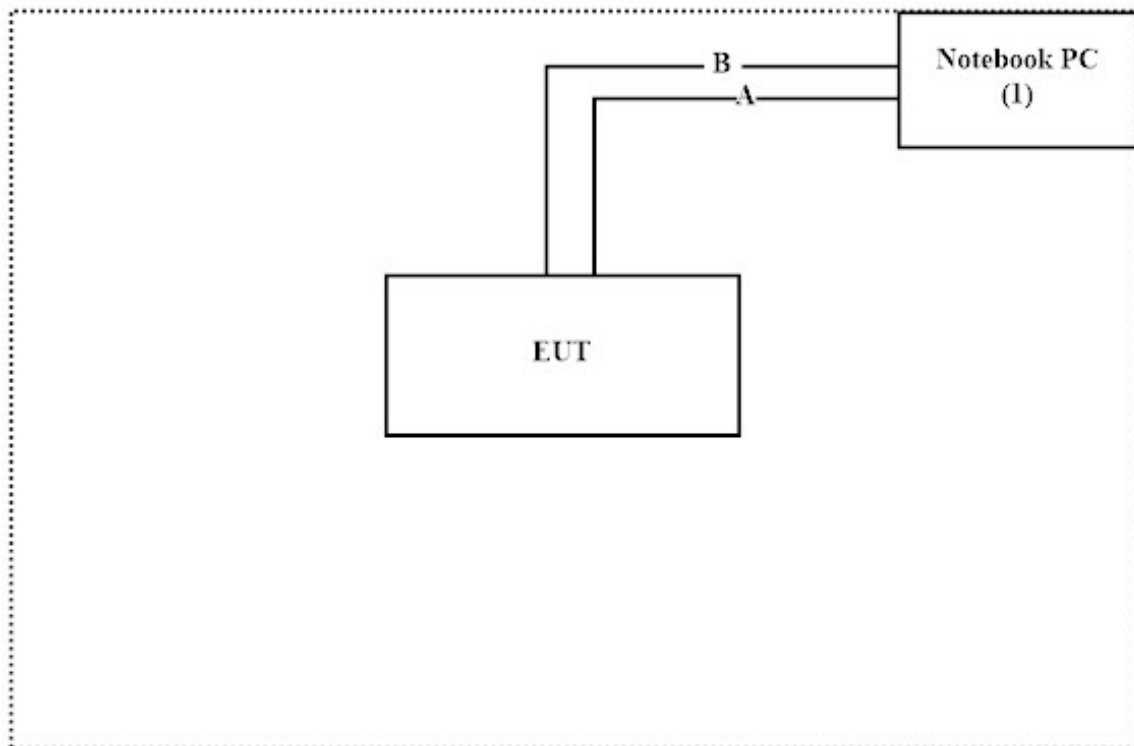
### 1.3. Tested System Details

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	Inspiron 15 3000	4V5JPJ2	N/A

Signal Cable Type		Signal cable Description
A	Type-C Cable	Shielded, 1.0m
B	Audio Cable	Non-shielded, 1.8m

### 1.4. Configuration of Test System



### 1.5. EUT Exercise Software

- (1) Setup the EUT as shown in Section 1.4.
- (2) Execute “Avnera-Continue Power V2018.5.18.1” program on the Notebook.
- (3) Configure the test mode and the test channel
- (4) 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 Equipment

### For Conduction measurements /ASR1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	EMI Test Receiver	R&S	ESR7	101602	2018.12.17	2019.12.16
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	103464	2019.01.25	2020.01.24
	Power Meter	Anritsu	ML2496A	1548003	2018.12.19	2019.12.18
	Power Sensor	Anritsu	MA2411B	1531024	2018.12.19	2019.12.18
	Power Sensor	Anritsu	MA2411B	1531025	2018.12.19	2019.12.18
	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

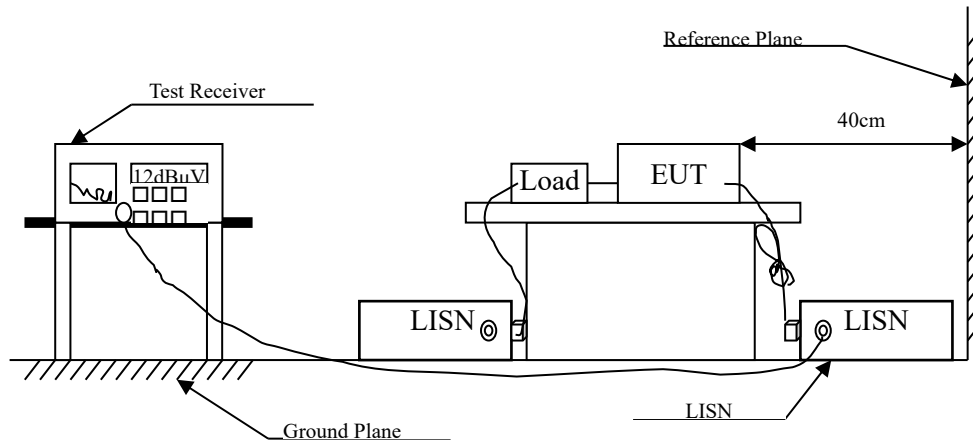
	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Loop Antenna	AMETEK	HLA6121	49611	2019.02.22	2020.02.21
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-674	2019.04.23	2020.04.22
X	Horn Antenna	ETS-Lindgren	3117	00203800	2018.12.11	2019.12.10
X	Horn Antenna	Com-Power	AH-840	101087	2019.05.30	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	G249	2019.08.19	2020.08.18
	Filter	MICRO TRONICS	BRM50716	G187	2019.08.19	2020.08.18
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

## 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	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 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.

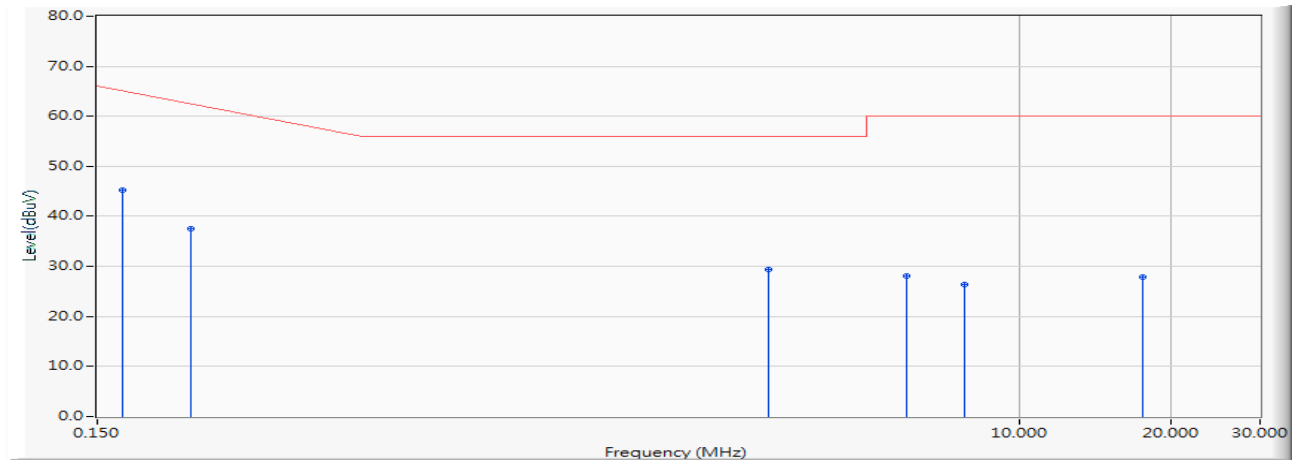
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

### **2.4. Uncertainty**

$\pm 2.35$  dB

## 2.5. Test Result of Conducted Emission

Product : ROG STRIX GO 2.4  
 Test Item : Conducted Emission Test  
 Power Line : Line 1  
 Test Date : 2019/08/26  
 Test Mode : Mode 1: Transmit (2443.35MHz)

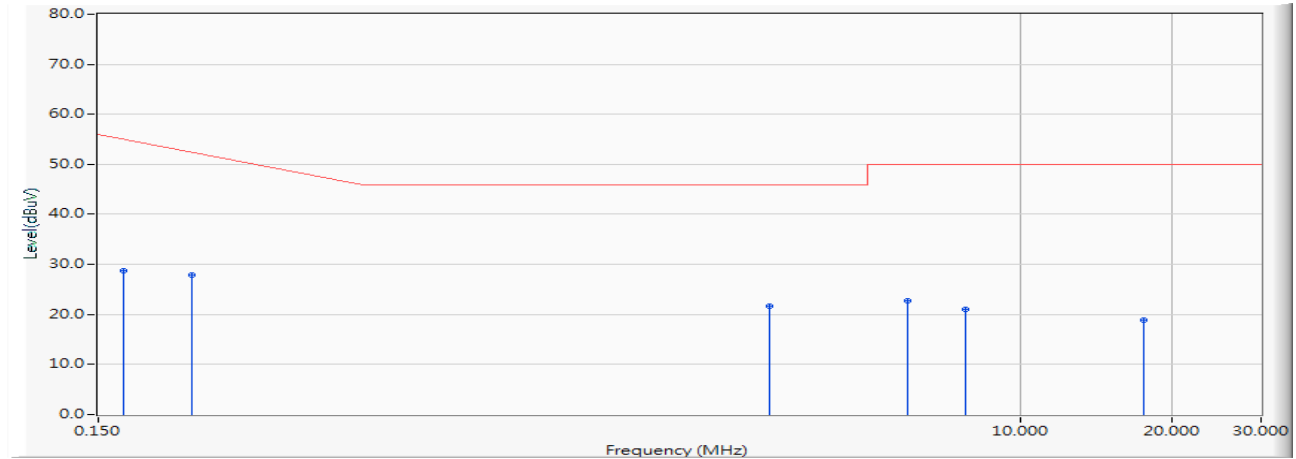


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.168	9.580	35.686	45.266	-20.220	65.486	QUASIPeAK
2		0.229	9.588	27.940	37.528	-26.215	63.743	QUASIPeAK
3		3.199	9.702	19.739	29.441	-26.559	56.000	QUASIPeAK
4		5.987	9.770	18.321	28.091	-31.909	60.000	QUASIPeAK
5		7.820	9.805	16.550	26.356	-33.644	60.000	QUASIPeAK
6		17.556	9.978	17.979	27.957	-32.043	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 : ROG STRIX GO 2.4  
 Test Item : Conducted Emission Test  
 Power Line : Line 1  
 Test Date : 2019/08/26  
 Test Mode : Mode 1: Transmit (2443.35MHz)

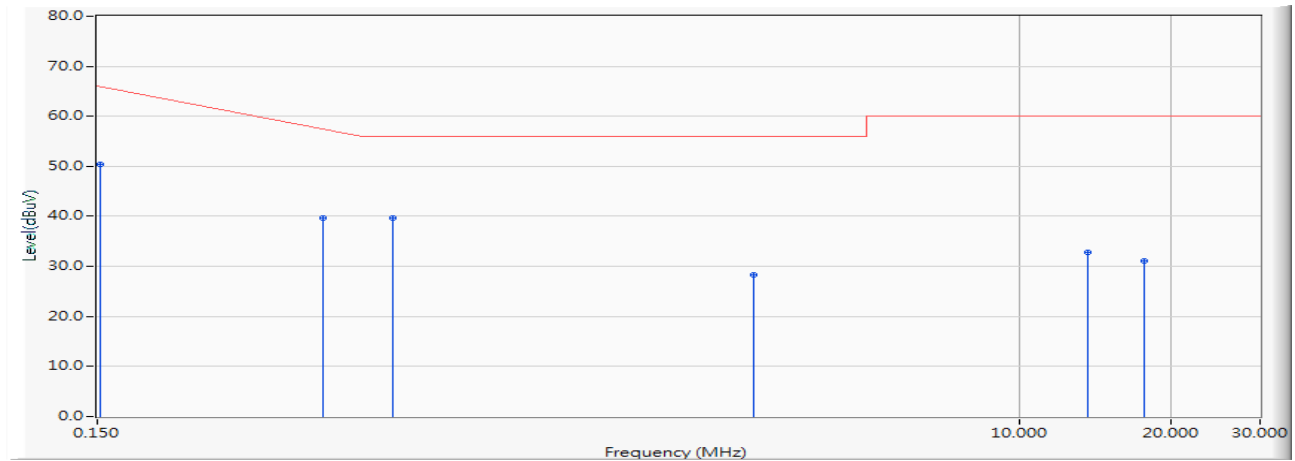


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.168	9.580	19.168	28.748	-26.738	55.486	AVERAGE
2		0.229	9.588	18.308	27.896	-25.847	53.743	AVERAGE
3	*	3.199	9.702	11.932	21.634	-24.366	46.000	AVERAGE
4		5.987	9.770	12.933	22.703	-27.297	50.000	AVERAGE
5		7.820	9.805	11.121	20.927	-29.073	50.000	AVERAGE
6		17.556	9.978	8.915	18.893	-31.107	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 : ROG STRIX GO 2.4  
 Test Item : Conducted Emission Test  
 Power Line : Line 2  
 Test Date : 2019/08/26  
 Test Mode : Mode 1: Transmit (2443.35MHz)

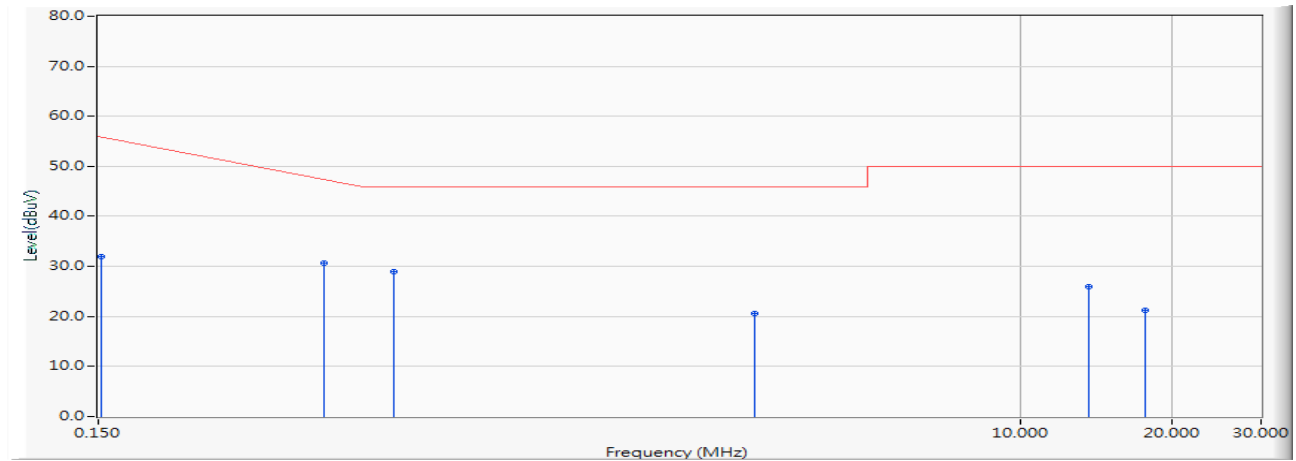


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.152	9.572	40.757	50.328	-15.615	65.943	QUASIPeAK
2		0.420	9.608	30.169	39.777	-18.509	58.286	QUASIPeAK
3		0.575	9.614	30.168	39.782	-16.218	56.000	QUASIPeAK
4		2.992	9.700	18.715	28.415	-27.585	56.000	QUASIPeAK
5		13.643	9.916	22.898	32.813	-27.187	60.000	QUASIPeAK
6		17.662	9.990	21.165	31.155	-28.845	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 : ROG STRIX GO 2.4  
 Test Item : Conducted Emission Test  
 Power Line : Line 2  
 Test Date : 2019/08/26  
 Test Mode : Mode 1: Transmit (2443.35MHz)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.152	9.572	22.326	31.898	-24.045	55.943	AVERAGE
2		0.420	9.608	21.012	30.620	-17.666	48.286	AVERAGE
3	*	0.575	9.614	19.336	28.950	-17.050	46.000	AVERAGE
4		2.992	9.700	10.965	20.665	-25.335	46.000	AVERAGE
5		13.643	9.916	16.016	25.931	-24.069	50.000	AVERAGE
6		17.662	9.990	11.147	21.137	-28.863	50.000	AVERAGE

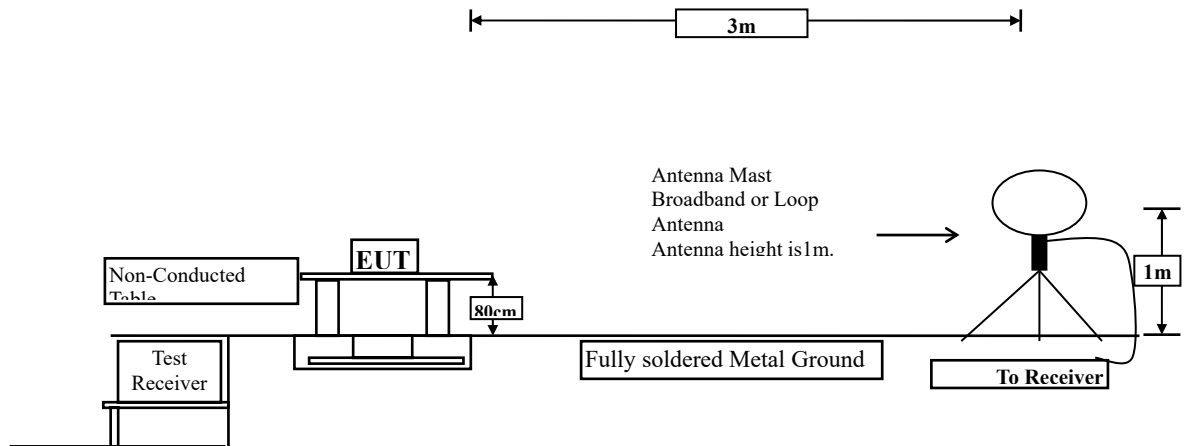
Note:

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

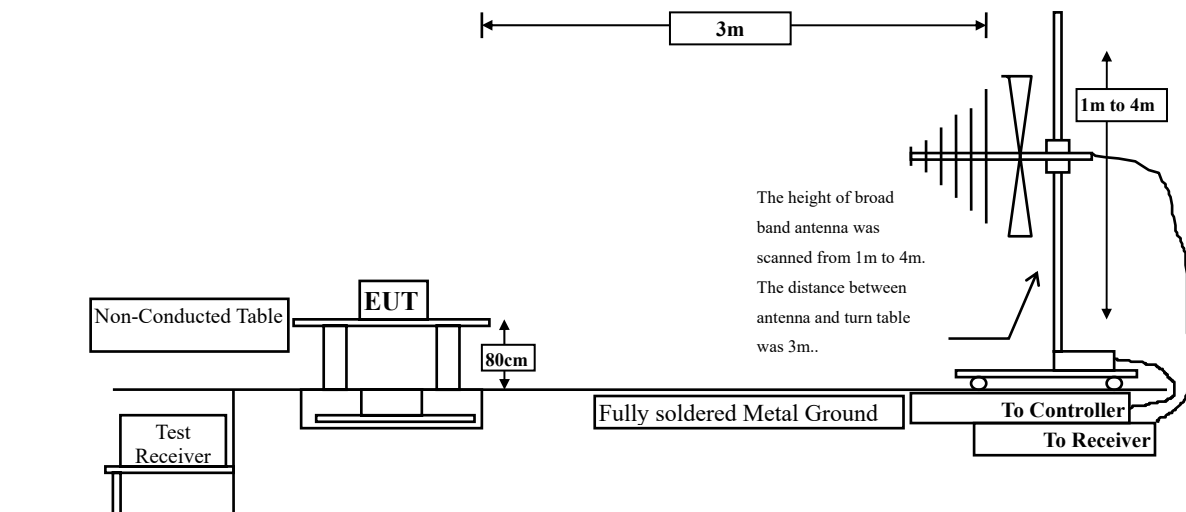
### 3. Radiated Emission

#### 3.1. Test Setup

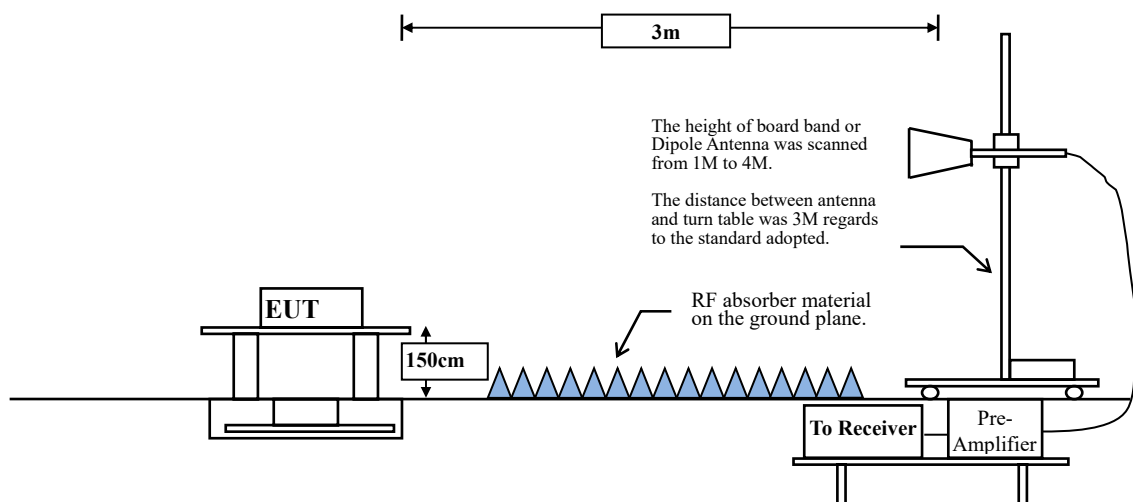
Radiated Emission Under 30MHz



Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



### 3.2. Limits

#### ➤ Fundamental and Harmonics Emission Limits

FCC Part 15 Subpart C Paragraph 15.249 Limits				
Frequency MHz	Field Strength of Fundamental		Field Strength of Harmonics	
	(mV/m @3m)	(dBμV /m @3m)	(uV/m @3m)	(dBμV /m @3m)
902-928	50	94	500	54
2400-2483.5	50	94	500	54
5725-5875	50	94	500	54

Remarks : 1. RF Voltage (dBμV /m) = 20 log RF Voltage (uV/m)  
 2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

#### ➤ General Radiated Emission Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

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

Remarks: E field strength (dBμV /m) = 20 log E field strength (uV/m)

### 3.3. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested compliance to FCC 47CFR 15.249 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.

### 3.4. Uncertainty

Horizontal :

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

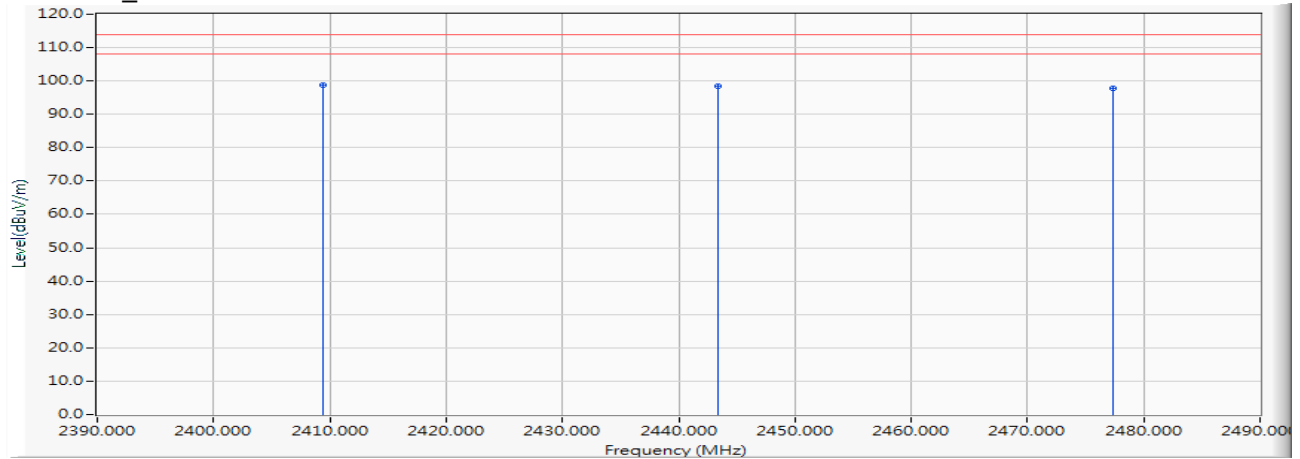
Vertical :

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

### 3.5. Test Result of Radiated Emission

Product : ROG STRIX GO 2.4  
 Test Item : Fundamental Radiated Emission  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (X-Axis) \_ANT1

#### Horizontal\_X-Axis



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2409.350	10.922	87.690	98.612	-15.388	114.000	PEAK
2		2443.350	11.064	87.380	98.443	-15.557	114.000	PEAK
3		2477.350	11.205	86.750	97.955	-16.045	114.000	PEAK

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. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

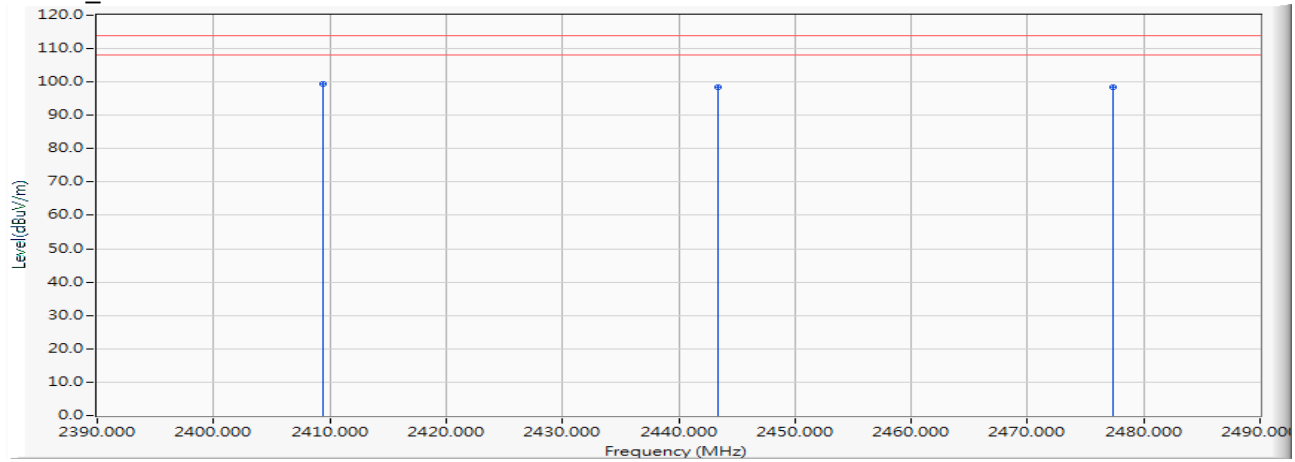
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)
Horizontal_X-Axis						
03 (Average)	2409.35	98.612	-35.951	62.661	-31.339	94.000
20 (Average)	2443.35	98.443	-35.951	62.492	-31.508	94.000
37 (Average)	2477.35	97.955	-35.951	62.004	-31.996	94.000

Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Fundamental Radiated Emission  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (X-Axis) \_ANT1

### Vertical\_X-Axis



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2409.350	10.922	88.570	99.492	-14.508	114.000	PEAK
2		2443.350	11.064	87.260	98.323	-15.677	114.000	PEAK
3		2477.350	11.205	87.350	98.555	-15.445	114.000	PEAK

### 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. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

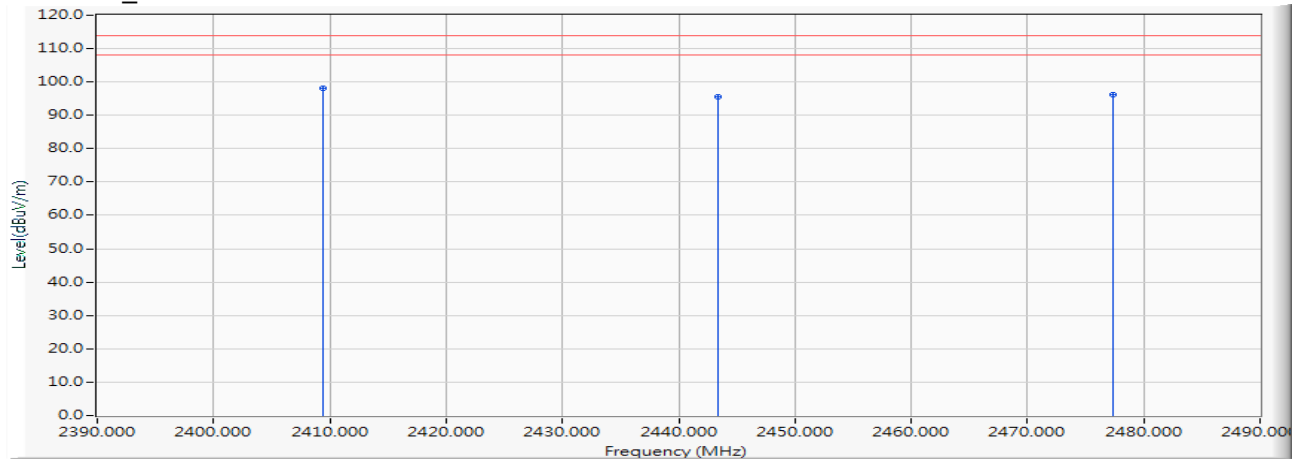
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)
Vertical_X-Axis						
03 (Average)	2409.35	99.492	-35.951	63.541	-30.459	94.000
20 (Average)	2443.35	98.323	-35.951	62.372	-31.628	94.000
37 (Average)	2477.35	98.555	-35.951	62.604	-31.396	94.000

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Fundamental Radiated Emission  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (Y-Axis) \_ANT1

### Horizontal\_Y-Axis



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2409.350	10.922	87.050	97.972	-16.028	114.000	PEAK
2		2443.350	11.064	84.340	95.403	-18.597	114.000	PEAK
3		2477.350	11.205	85.060	96.265	-17.735	114.000	PEAK

#### 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. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

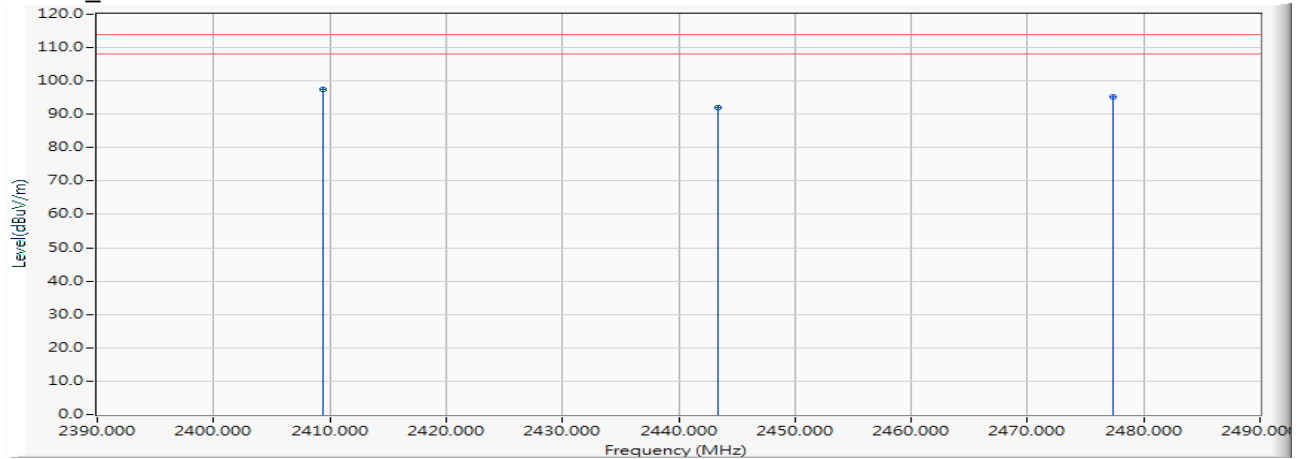
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)
Horizontal_Y-Axis						
03 (Average)	2409.35	97.972	-35.951	62.021	-31.979	94.000
20 (Average)	2443.35	95.403	-35.951	59.452	-34.548	94.000
37 (Average)	2477.35	96.265	-35.951	60.314	-33.686	94.000

#### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Fundamental Radiated Emission  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (Y-Axis) \_ANT1

### Vertical\_Y-Axis



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2409.350	10.922	86.550	97.472	-16.528	114.000	PEAK
2		2443.350	11.064	80.990	92.053	-21.947	114.000	PEAK
3		2477.350	11.205	84.020	95.225	-18.775	114.000	PEAK

### 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. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

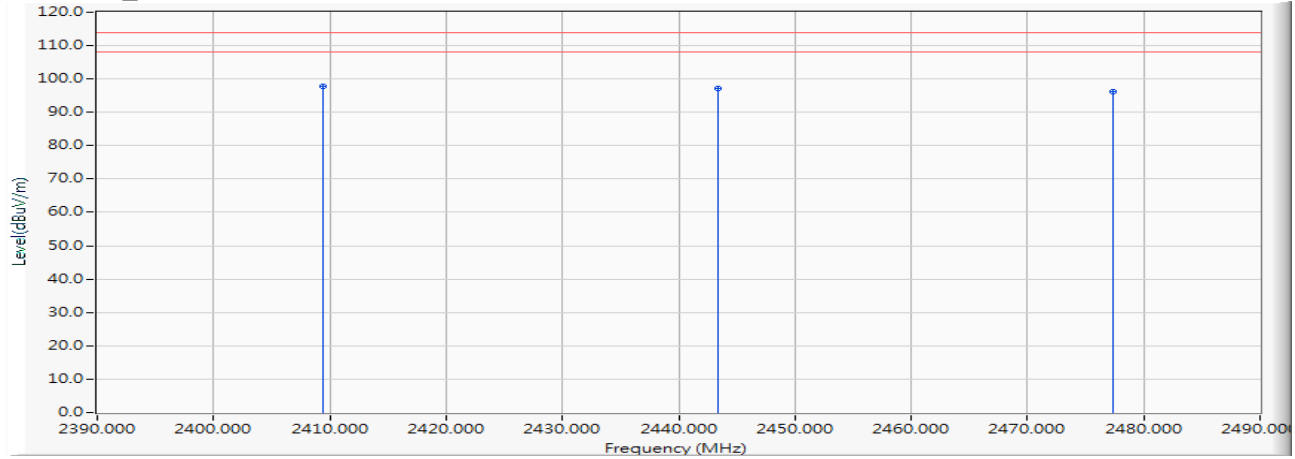
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)
Vertical_Y-Axis						
03 (Average)	2409.35	97.472	-35.951	61.521	-32.479	94.000
20 (Average)	2443.35	92.053	-35.951	56.102	-37.898	94.000
37 (Average)	2477.35	95.225	-35.951	59.274	-34.726	94.000

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Fundamental Radiated Emission  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (Z-Axis) \_ANT1

### Horizontal\_Z-Axis



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2409.350	10.922	86.790	97.712	-16.288	114.000	PEAK
2		2443.350	11.064	86.210	97.273	-16.727	114.000	PEAK
3		2477.350	11.205	84.880	96.085	-17.915	114.000	PEAK

#### 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. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

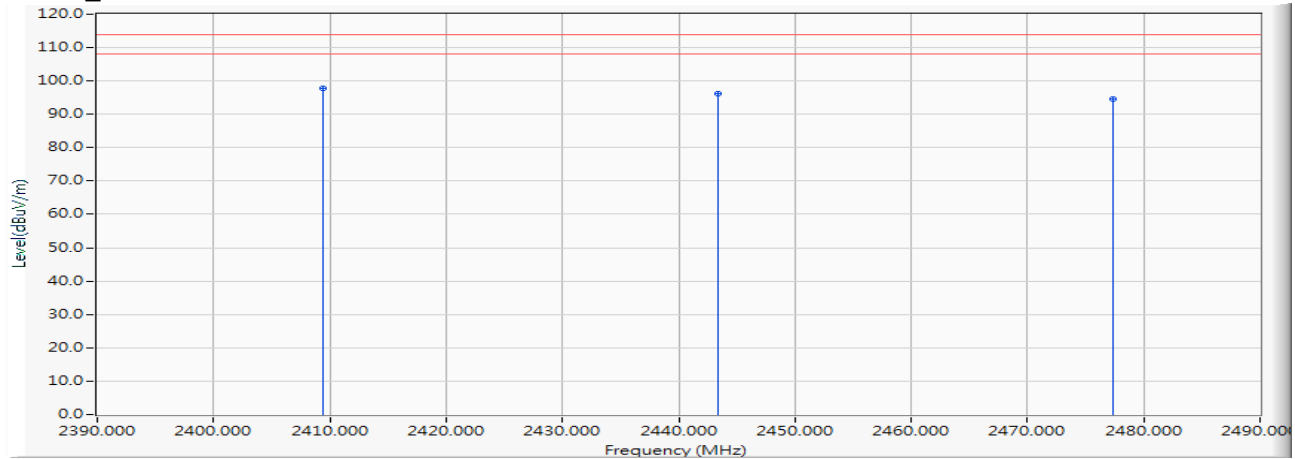
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)
Horizontal_Z-Axis						
03 (Average)	2409.35	97.712	-35.951	61.761	-32.239	94.000
20 (Average)	2443.35	97.273	-35.951	61.322	-32.678	94.000
37 (Average)	2477.35	96.085	-35.951	60.134	-33.866	94.000

#### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Fundamental Radiated Emission  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (Z-Axis) \_ANT1

### Vertical\_Z-Axis



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2409.350	10.922	86.830	97.752	-16.248	114.000	PEAK
2		2443.350	11.064	85.040	96.103	-17.897	114.000	PEAK
3		2477.350	11.205	83.370	94.575	-19.425	114.000	PEAK

#### 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. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

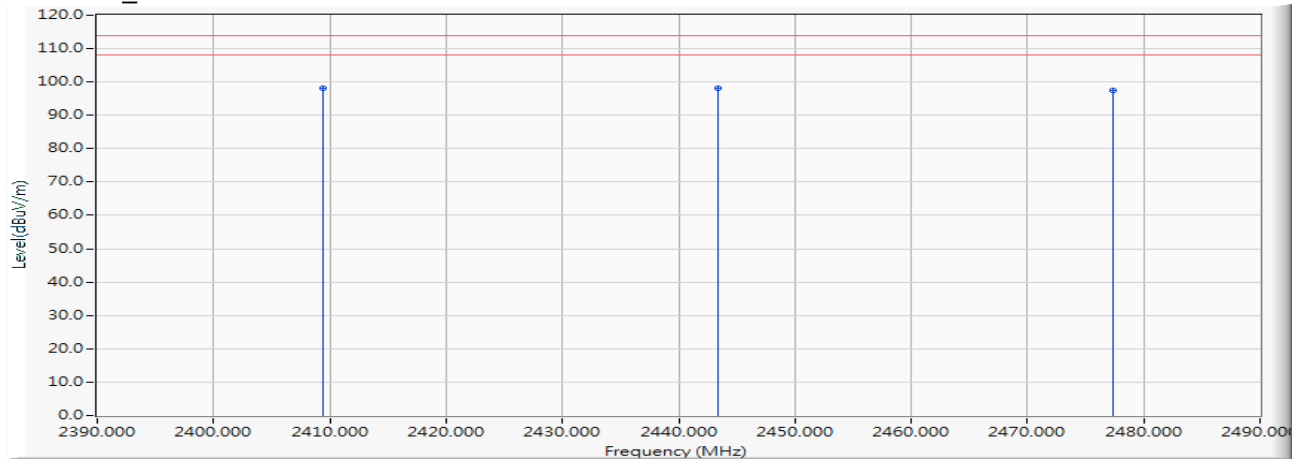
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)
Vertical_Z-Axis						
03 (Average)	2409.35	97.752	-35.951	61.801	-32.199	94.000
20 (Average)	2443.35	96.103	-35.951	60.152	-33.848	94.000
37 (Average)	2477.35	94.575	-35.951	58.624	-35.376	94.000

#### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Fundamental Radiated Emission  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (X-Axis) \_ANT2

### Horizontal\_X-Axis



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2409.350	10.922	87.180	98.102	-15.898	114.000	PEAK
2		2443.350	11.064	86.940	98.003	-15.997	114.000	PEAK
3		2477.350	11.205	86.130	97.335	-16.665	114.000	PEAK

#### 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. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

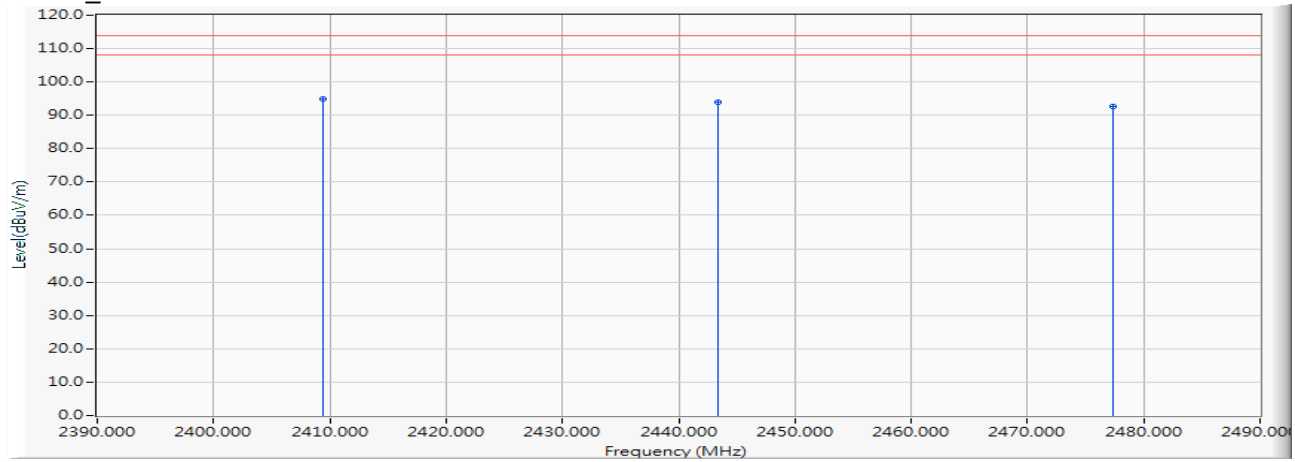
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)
Horizontal_X-Axis						
03 (Average)	2409.35	98.102	-35.951	62.151	-31.849	94.000
20 (Average)	2443.35	98.003	-35.951	62.052	-31.948	94.000
37 (Average)	2477.35	97.335	-35.951	61.384	-32.616	94.000

#### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Fundamental Radiated Emission  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (X-Axis) \_ANT2

### Vertical\_X-Axis



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2409.350	10.922	83.890	94.812	-19.188	114.000	PEAK
2		2443.350	11.064	82.880	93.943	-20.057	114.000	PEAK
3		2477.350	11.205	81.380	92.585	-21.415	114.000	PEAK

#### 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. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

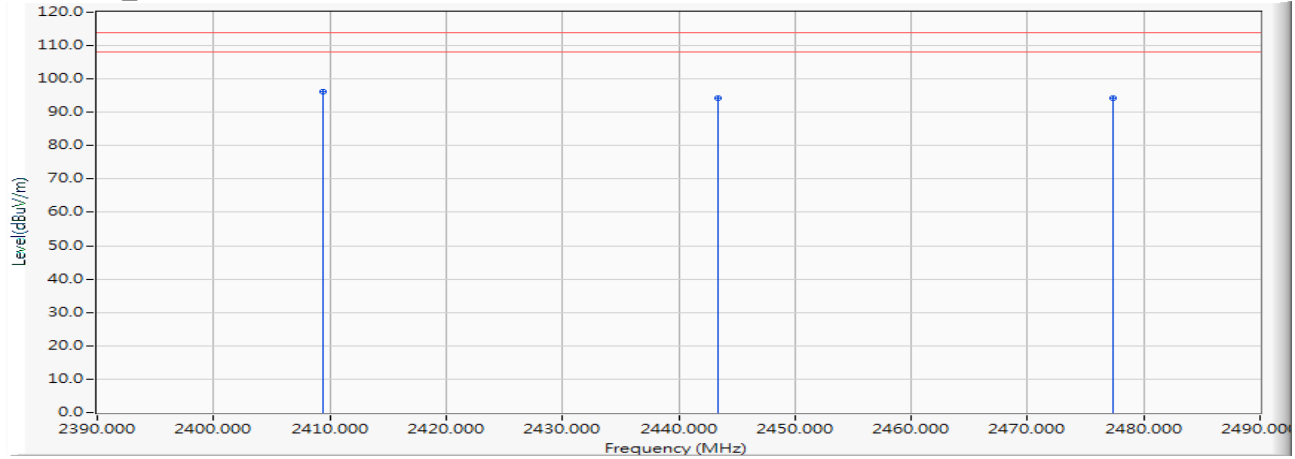
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)
Vertical_X-Axis						
03 (Average)	2409.35	94.812	-35.951	58.861	-35.139	94.000
20 (Average)	2443.35	93.943	-35.951	57.992	-36.008	94.000
37 (Average)	2477.350	93.974	-35.124	58.850	-35.150	94.000

#### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Fundamental Radiated Emission  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (Y-Axis) \_ANT2

### Horizontal\_Y-Axis



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2409.350	10.922	85.220	96.142	-17.858	114.000	PEAK
2		2443.350	11.064	83.340	94.403	-19.597	114.000	PEAK
3		2477.350	11.205	83.190	94.395	-19.605	114.000	PEAK

#### 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. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

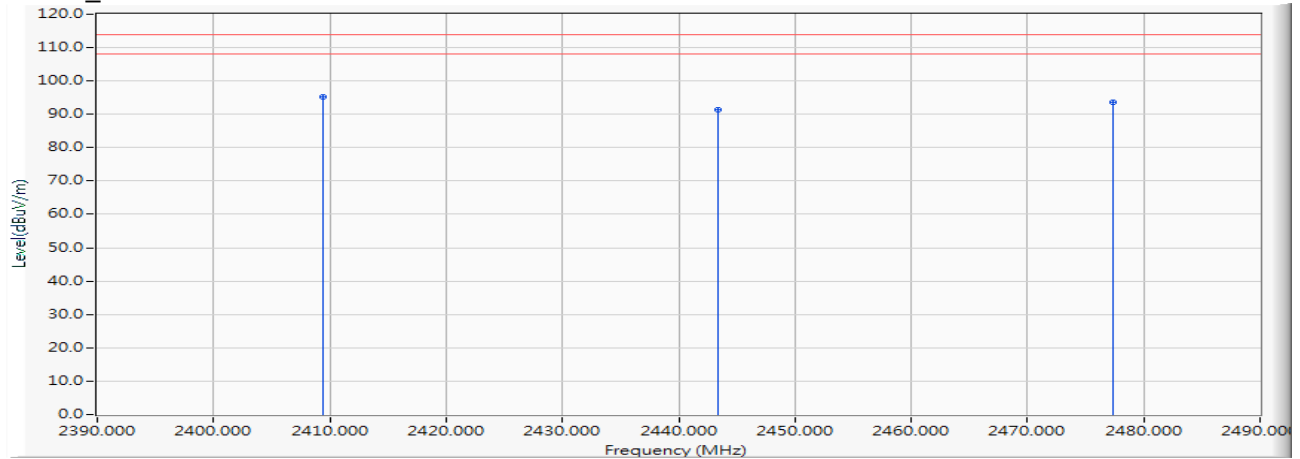
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)
Horizontal_Y-Axis						
03 (Average)	2409.35	96.142	-35.951	60.191	-33.809	94.000
20 (Average)	2443.35	94.403	-35.951	58.452	-35.548	94.000
37 (Average)	2477.35	94.395	-35.951	58.444	-35.556	94.000

#### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Fundamental Radiated Emission  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (Y-Axis) \_ANT2

### Vertical\_Y-Axis



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2409.350	10.922	84.170	95.092	-18.908	114.000	PEAK
2		2443.350	11.064	80.210	91.273	-22.727	114.000	PEAK
3		2477.350	11.205	82.460	93.665	-20.335	114.000	PEAK

### 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. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

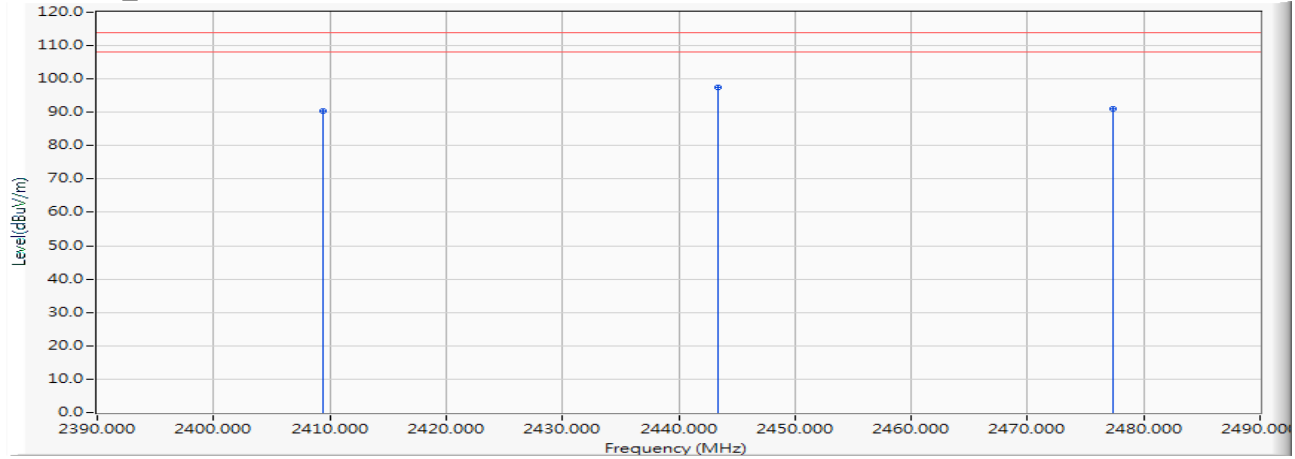
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)
Vertical_Y-Axis						
03 (Average)	2409.35	95.092	-35.951	59.141	-34.859	94.000
20 (Average)	2443.35	91.273	-35.951	55.322	-38.678	94.000
37 (Average)	2477.35	93.665	-35.951	57.714	-36.286	94.000

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Fundamental Radiated Emission  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (Z-Axis) \_ANT2

### Horizontal\_Z-Axis



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2409.350	10.922	79.440	90.362	-23.638	114.000	PEAK
2	*	2443.350	11.064	86.400	97.463	-16.537	114.000	PEAK
3		2477.350	11.205	79.920	91.125	-22.875	114.000	PEAK

#### 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. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

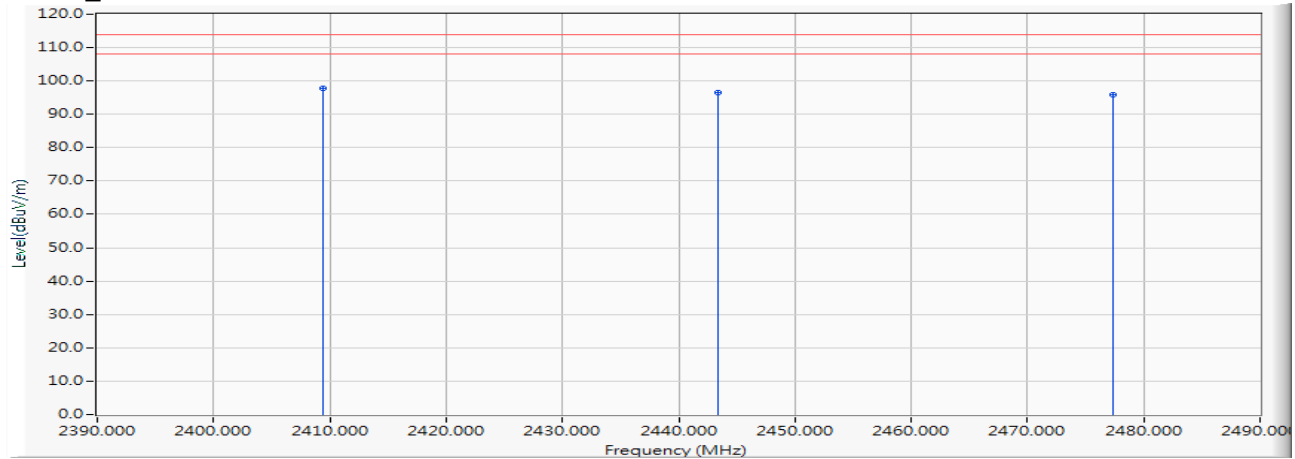
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)
Horizontal_Z-Axis						
03 (Average)	2409.35	90.362	-35.951	54.411	-39.589	94.000
20 (Average)	2443.35	97.463	-35.951	61.512	-32.488	94.000
37 (Average)	2477.35	91.125	-35.951	55.174	-38.826	94.000

#### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Fundamental Radiated Emission  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (Z-Axis) \_ANT2

### Vertical\_Z-Axis



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2409.350	10.922	87.030	97.952	-16.048	114.000	PEAK
2		2443.350	11.064	85.590	96.653	-17.347	114.000	PEAK
3		2477.350	11.205	84.710	95.915	-18.085	114.000	PEAK

#### Note:

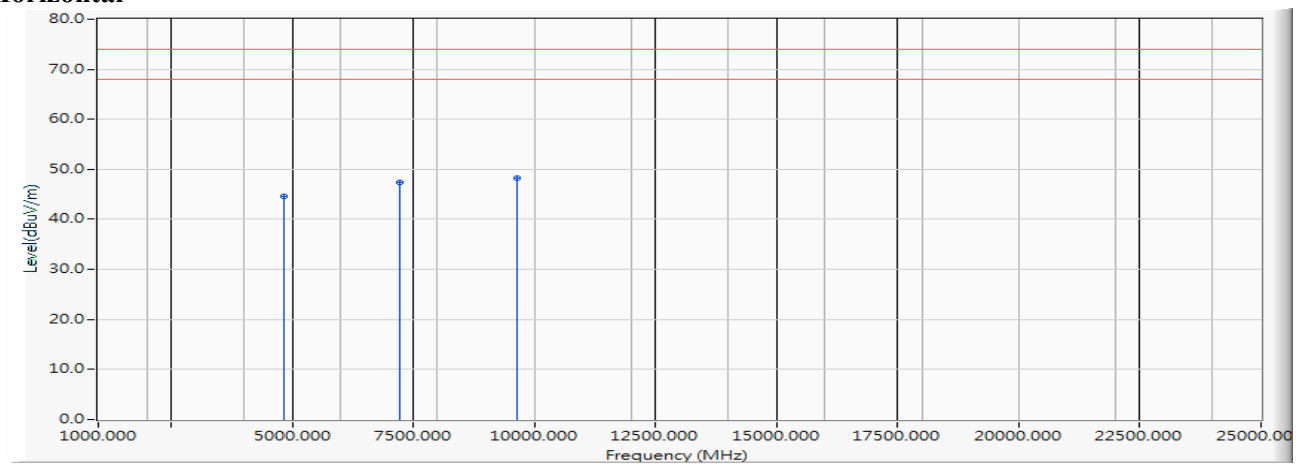
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)
Vertical_Z-Axis						
03 (Average)	2409.35	97.952	-35.951	62.001	-31.999	94.000
20 (Average)	2443.35	96.653	-35.951	60.702	-33.298	94.000
37 (Average)	2477.35	95.915	-35.951	59.964	-34.036	94.000

#### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2409.35MHz) \_ANT1

**Horizontal**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4818.700	-6.085	50.780	44.695	-29.305	74.000	PEAK
2		7228.050	-3.028	50.330	47.302	-26.698	74.000	PEAK
3	*	9637.400	-0.678	48.930	48.251	-25.749	74.000	PEAK

**Note:**

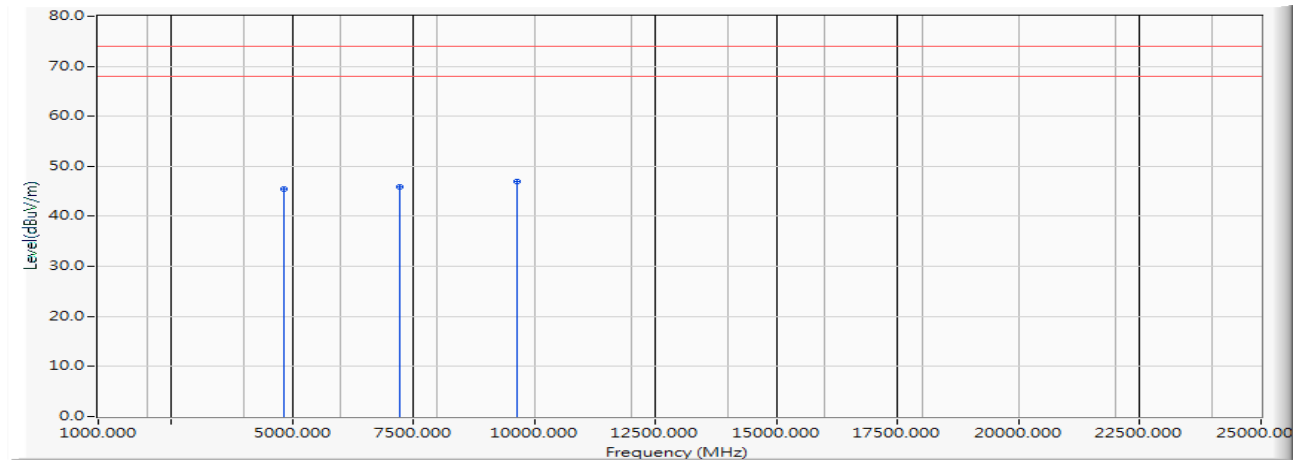
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.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

Frequency MHz	Peak Measurement dB $\mu$ V/m	Duty Cycle Factor dB	Average Measurement dB $\mu$ V/m	Margin dB	Peak Limit dB $\mu$ V/m	Average Limit dB $\mu$ V/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

**Note:**

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2409.35MHz) \_ANT1

**Vertical**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4818.700	-6.085	51.630	45.545	-28.455	74.000	PEAK
2		7228.050	-3.028	48.880	45.852	-28.148	74.000	PEAK
3	*	9637.400	-0.678	47.610	46.931	-27.069	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. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

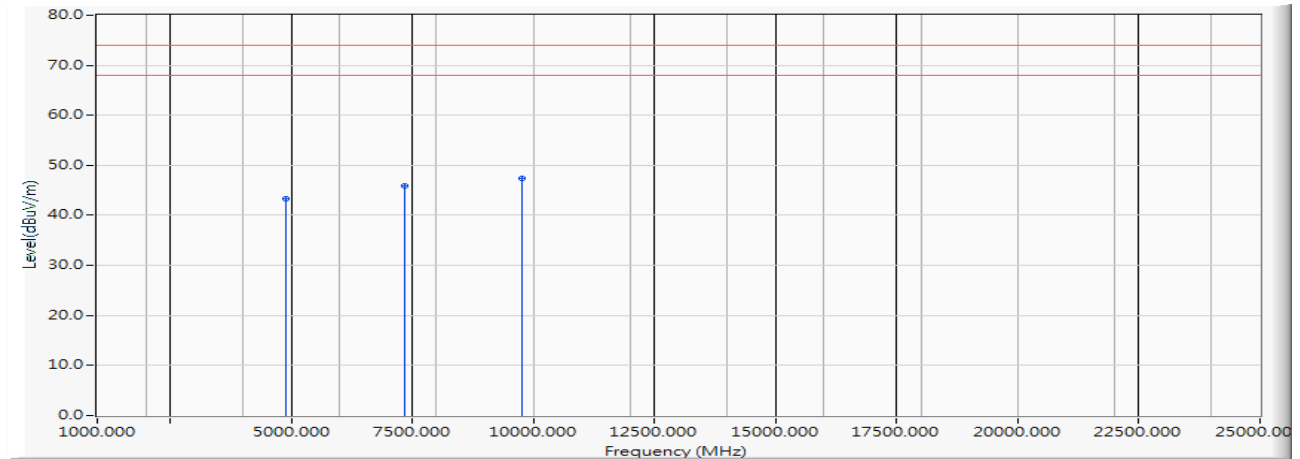
Frequency MHz	Peak Measurement dB $\mu$ V/m	Duty Cycle Factor dB	Average Measurement dB $\mu$ V/m	Margin dB	Peak Limit dB $\mu$ V/m	Average Limit dB $\mu$ V/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

**Note:**

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2443.35MHz) \_ANT1

### Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4886.700	-6.051	49.330	43.279	-30.721	74.000	PEAK
2		7330.050	-2.941	48.910	45.969	-28.031	74.000	PEAK
3	*	9773.400	-0.477	47.970	47.492	-26.508	74.000	PEAK

### Note:

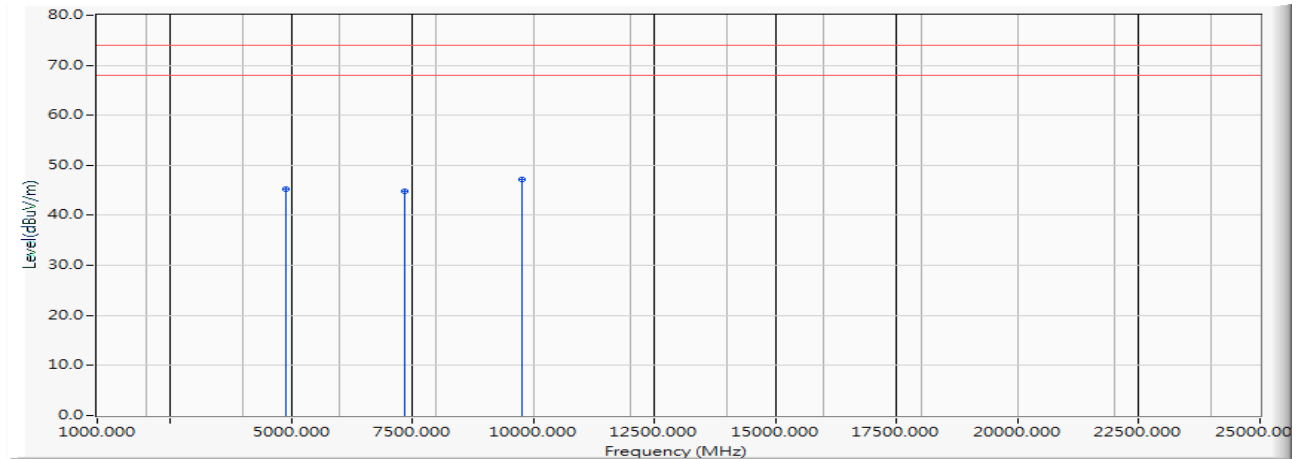
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.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

Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>					74.000	54.000
--	--	--	--	--		

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2443.35MHz) \_ANT1

**Vertical**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4886.700	-6.051	51.240	45.189	-28.811	74.000	PEAK
2		7330.050	-2.941	47.840	44.899	-29.101	74.000	PEAK
3	*	9773.400	-0.477	47.600	47.122	-26.878	74.000	PEAK

**Note:**

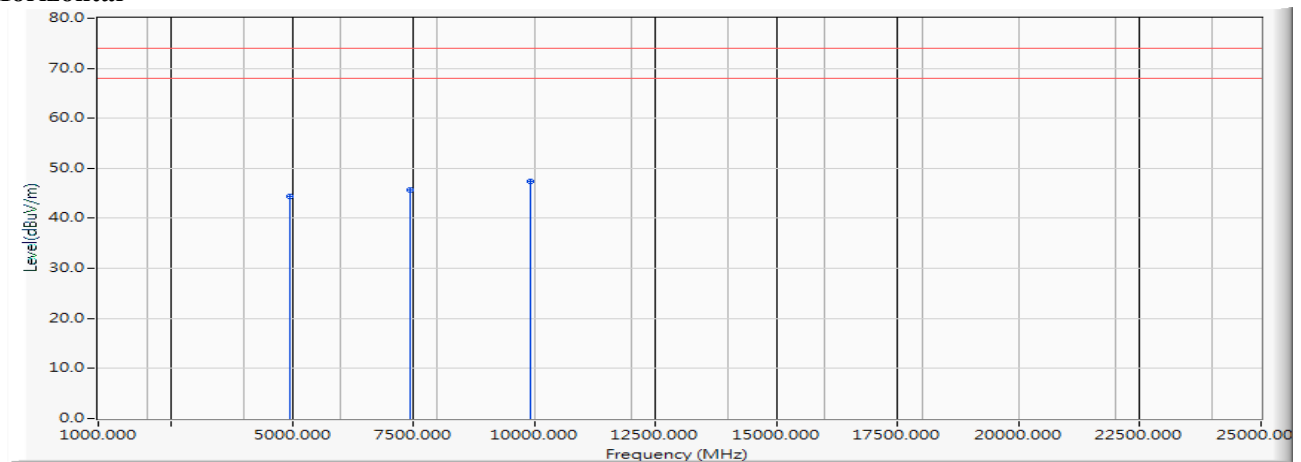
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.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

Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

**Note:**

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2477.35MHz) \_ANT1

**Horizontal**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4954.700	-6.042	50.340	44.298	-29.702	74.000	PEAK
2		7432.050	-2.825	48.450	45.625	-28.375	74.000	PEAK
3	*	9909.400	-0.276	47.590	47.314	-26.686	74.000	PEAK

**Note:**

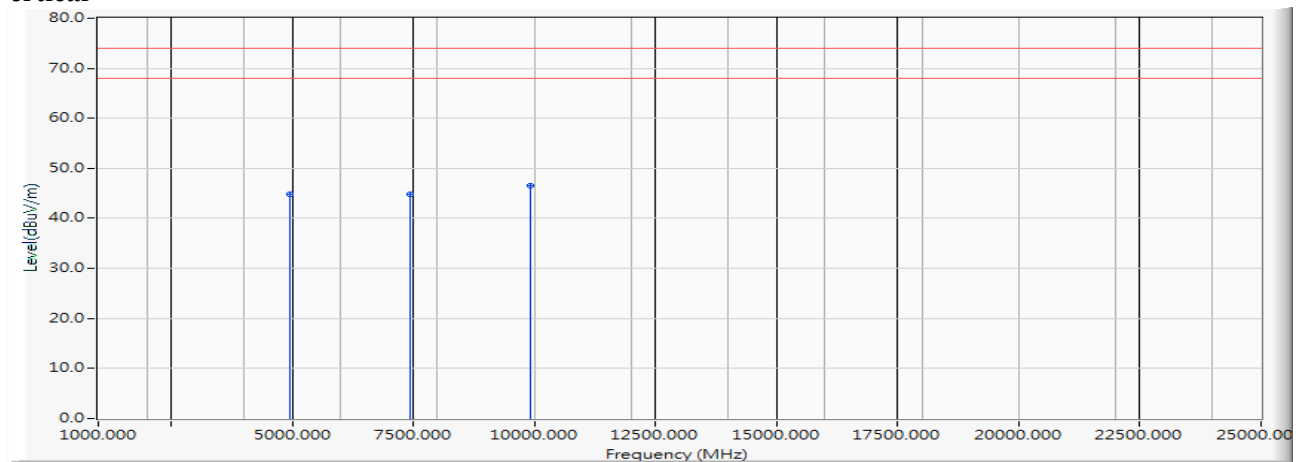
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.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

Frequency MHz	Peak Measurement dBuV/m	Duty Cycle Factor dB	Average Measurement dBuV/m	Margin dB	Peak Limit dBuV/m	Average Limit dBuV/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

**Note:**

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2477.35MHz) \_ANT1

**Vertical**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4954.700	-6.042	50.800	44.758	-29.242	74.000	PEAK
2		7432.050	-2.825	47.570	44.745	-29.255	74.000	PEAK
3	*	9909.400	-0.276	46.890	46.614	-27.386	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. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

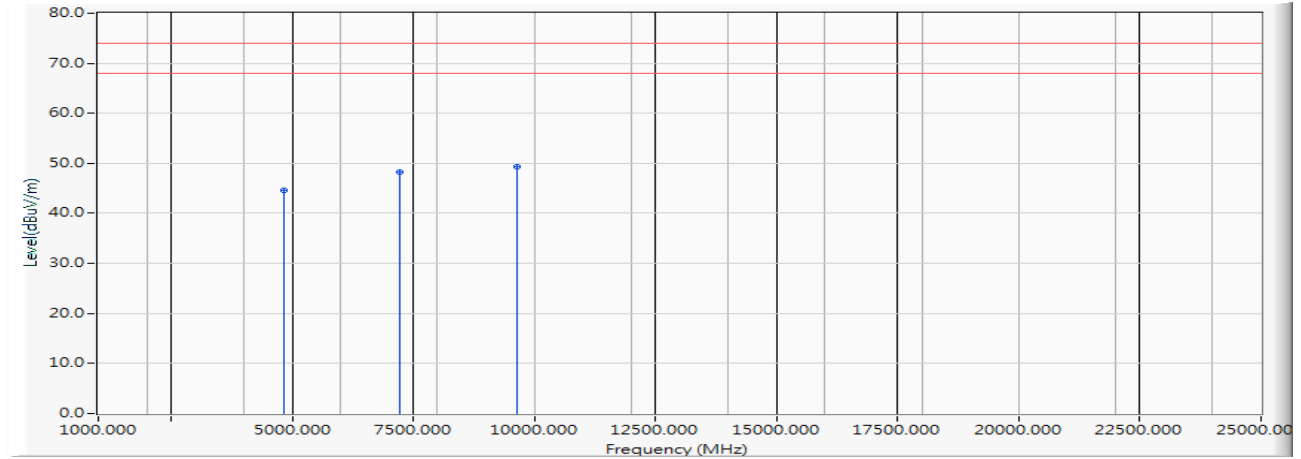
Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

**Note:**

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2409.35MHz) \_ANT2

### Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4818.700	-6.085	50.660	44.575	-29.425	74.000	PEAK
2		7228.050	-3.028	51.230	48.202	-25.798	74.000	PEAK
3	*	9637.400	-0.678	50.010	49.331	-24.669	74.000	PEAK

#### Note:

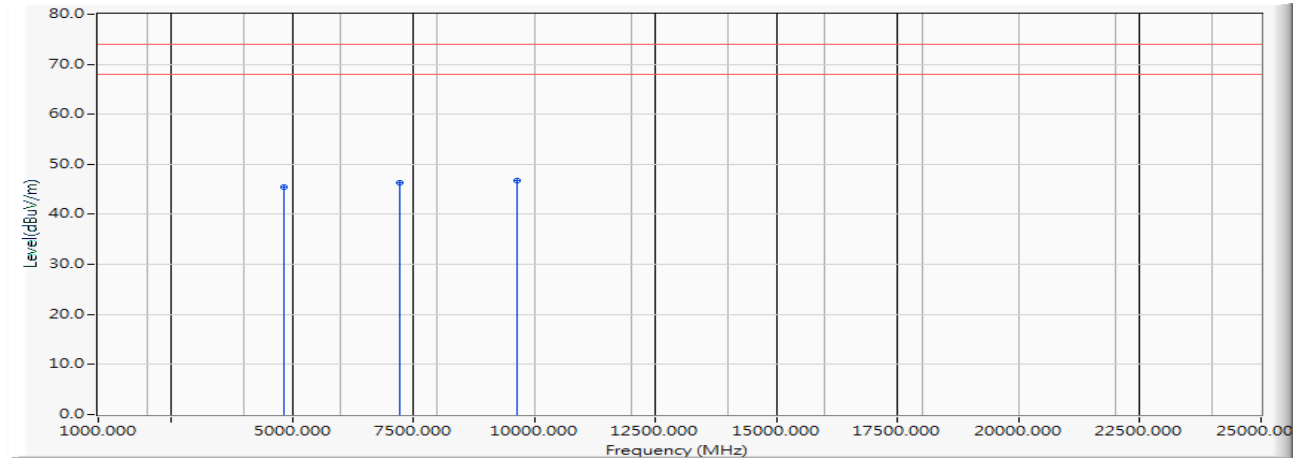
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.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

Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

#### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2409.35MHz) \_ANT2

**Vertical**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4818.700	-6.085	51.530	45.445	-28.555	74.000	PEAK
2		7228.050	-3.028	49.430	46.402	-27.598	74.000	PEAK
3	*	9637.400	-0.678	47.400	46.721	-27.279	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. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

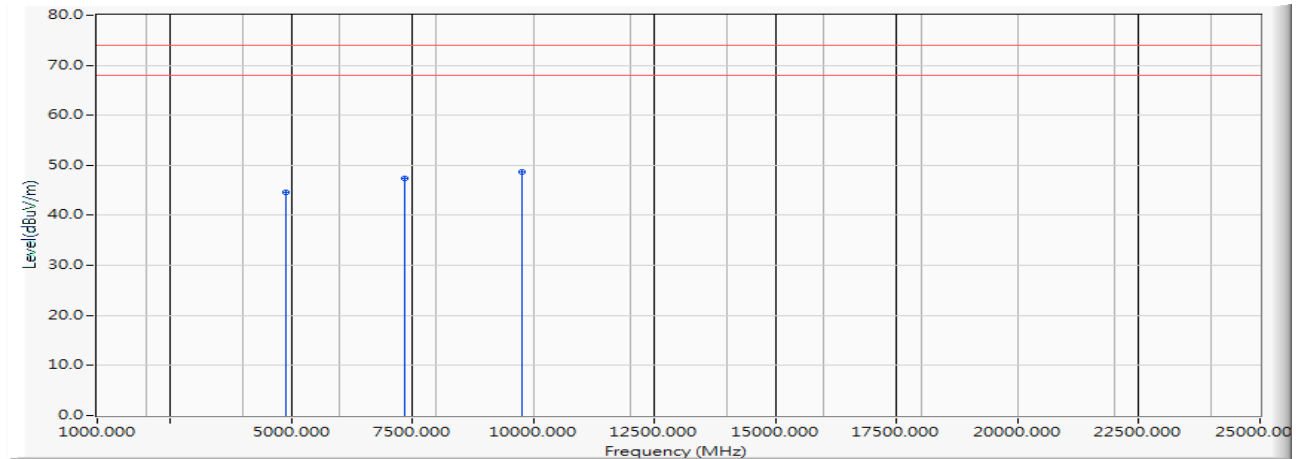
Frequency MHz	Peak Measurement dB $\mu$ V/m	Duty Cycle Factor dB	Average Measurement dB $\mu$ V/m	Margin dB	Peak Limit dB $\mu$ V/m	Average Limit dB $\mu$ V/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

**Note:**

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2443.35MHz) \_ANT2

### Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4886.700	-6.051	50.750	44.699	-29.301	74.000	PEAK
2		7330.050	-2.941	50.340	47.399	-26.601	74.000	PEAK
3	*	9773.400	-0.477	49.110	48.632	-25.368	74.000	PEAK

### Note:

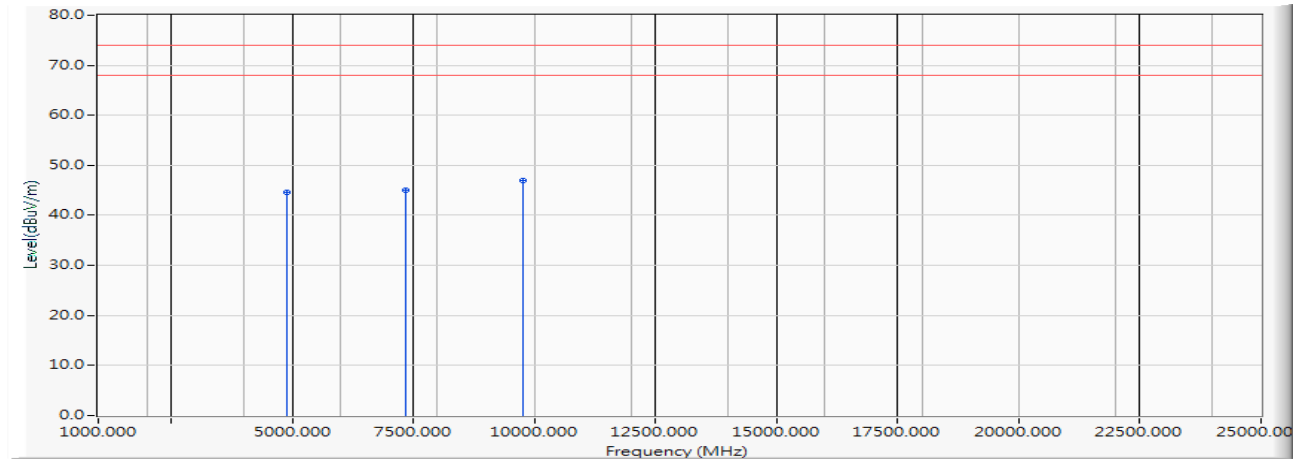
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.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

Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>					74.000	54.000
--	--	--	--	--		

### Note:

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2443.35MHz) \_ANT2

**Vertical**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4886.700	-6.051	50.570	44.519	-29.481	74.000	PEAK
2		7330.050	-2.941	47.960	45.019	-28.981	74.000	PEAK
3	*	9773.400	-0.477	47.360	46.882	-27.118	74.000	PEAK

**Note:**

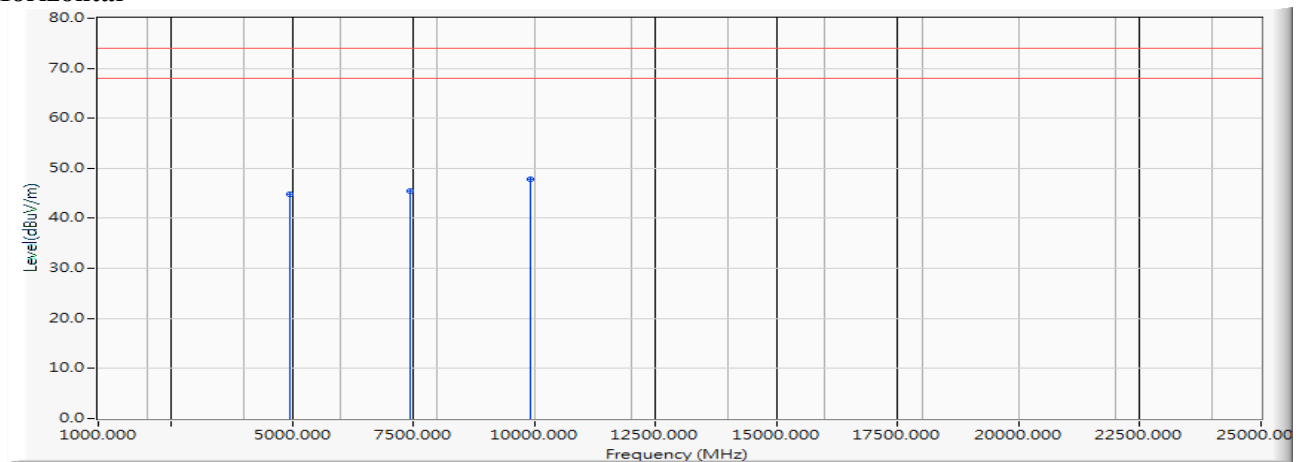
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.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

Frequency MHz	Peak Measurement dBμV/m	Duty Cycle Factor dB	Average Measurement dBμV/m	Margin dB	Peak Limit dBμV/m	Average Limit dBμV/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

**Note:**

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2477.35MHz) \_ANT2

**Horizontal**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4954.700	-6.042	50.940	44.898	-29.102	74.000	PEAK
2		7432.050	-2.825	48.380	45.555	-28.445	74.000	PEAK
3	*	9909.400	-0.276	48.110	47.834	-26.166	74.000	PEAK

**Note:**

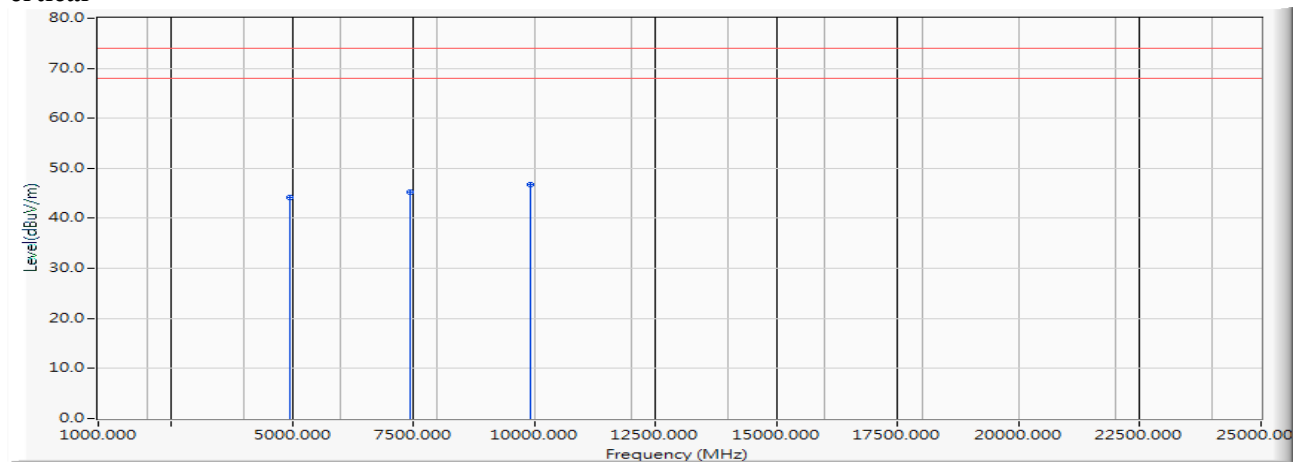
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.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

Frequency MHz	Peak Measurement dBuV/m	Duty Cycle Factor dB	Average Measurement dBuV/m	Margin dB	Peak Limit dBuV/m	Average Limit dBuV/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

**Note:**

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2477.35MHz) \_ANT2

**Vertical**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4954.700	-6.042	50.130	44.088	-29.912	74.000	PEAK
2		7432.050	-2.825	48.010	45.185	-28.815	74.000	PEAK
3	*	9909.400	-0.276	47.020	46.744	-27.256	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. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

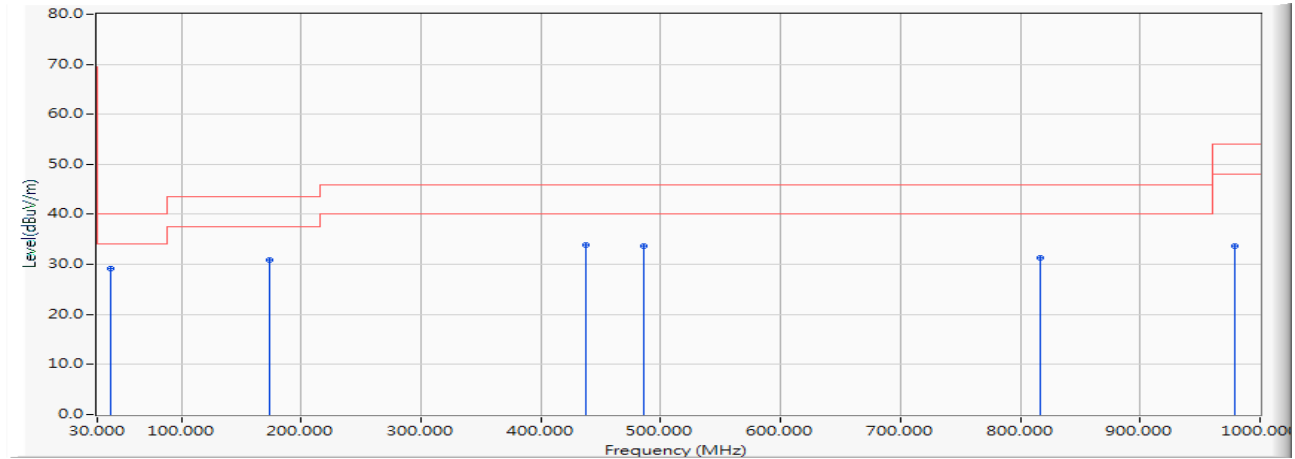
Frequency MHz	Peak Measurement dBuV/m	Duty Cycle Factor dB	Average Measurement dBuV/m	Margin dB	Peak Limit dBuV/m	Average Limit dBuV/m
<b>Average Detector:</b>						
--	--	--	--	--	74.000	54.000

**Note:**

1. AVG Measurement=Peak Measurement + Duty Cycle Correct Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : General Radiated Emission Data  
 Test Date : 2019/08/29  
 Test Mode : Mode 1: Transmit (2443.35MHz) \_ANT1

### Horizontal

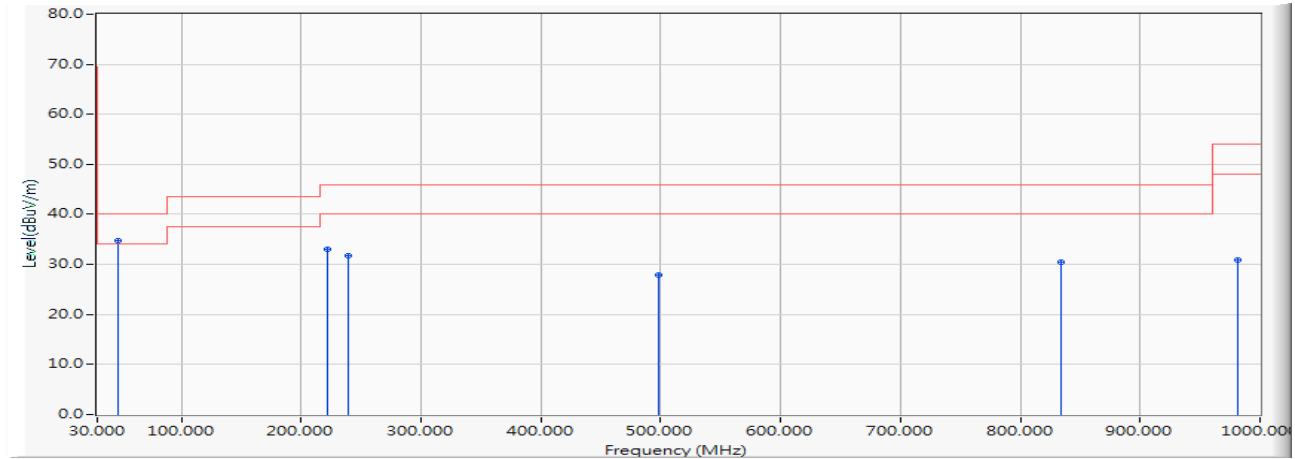


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	41.246	-11.050	40.250	29.200	-10.800	40.000	QUASIPeAK
2		173.391	-11.636	42.471	30.835	-12.665	43.500	QUASIPeAK
3		437.681	-7.102	40.926	33.824	-12.176	46.000	QUASIPeAK
4		485.478	-6.197	39.893	33.696	-12.304	46.000	QUASIPeAK
5		817.246	-1.389	32.654	31.266	-14.734	46.000	QUASIPeAK
6		978.913	0.732	32.990	33.723	-20.277	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 : ROG STRIX GO 2.4  
 Test Item : General Radiated Emission Data  
 Test Date : 2019/08/29  
 Test Mode : Mode 1: Transmit (2443.35MHz) \_ANT1

**Vertical**

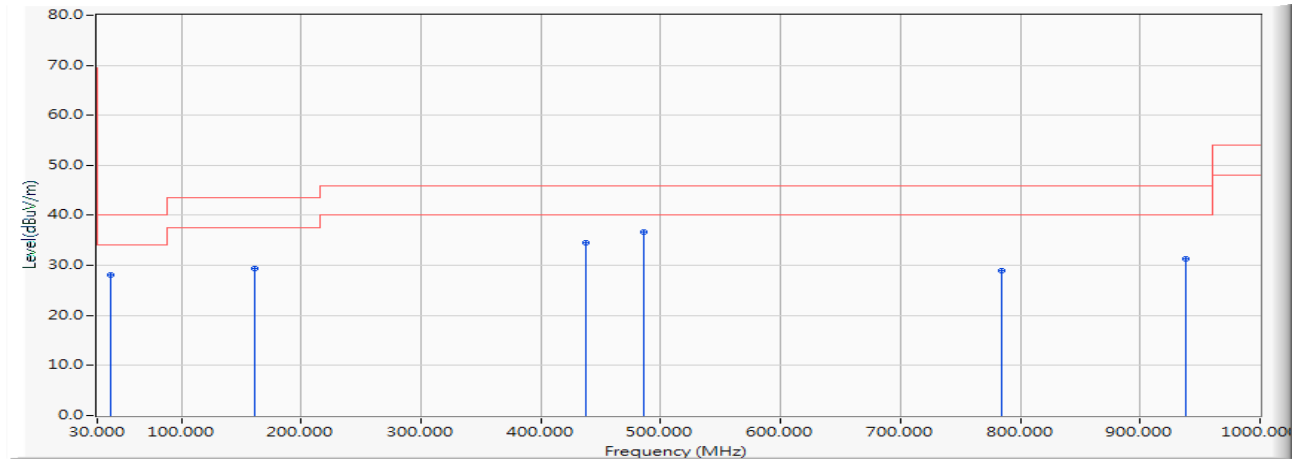
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	46.870	-10.852	45.654	34.801	-5.199	40.000	QUASIPeAK
2		222.594	-13.184	46.266	33.082	-12.918	46.000	QUASIPeAK
3		239.464	-12.250	43.905	31.654	-14.346	46.000	QUASIPeAK
4		498.130	-5.984	33.901	27.918	-18.082	46.000	QUASIPeAK
5		834.116	-1.124	31.589	30.465	-15.535	46.000	QUASIPeAK
6		981.725	0.769	30.148	30.917	-23.083	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 : ROG STRIX GO 2.4  
 Test Item : General Radiated Emission Data  
 Test Date : 2019/08/29  
 Test Mode : Mode 1: Transmit (2443.35MHz) \_ANT2

### Horizontal

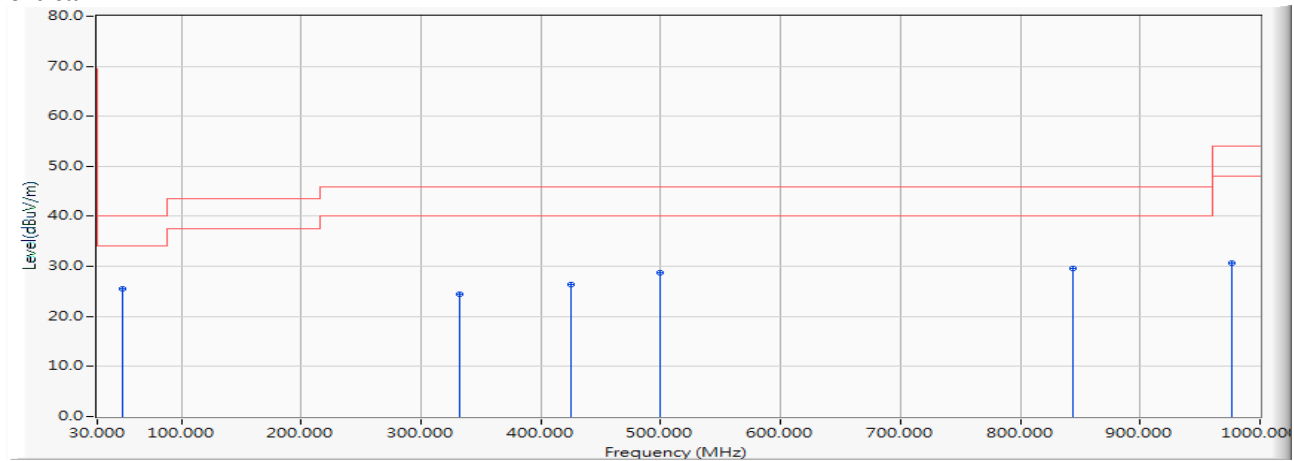


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		41.246	-11.050	39.109	28.059	-11.941	40.000	QUASIPeAK
2		160.739	-10.855	40.226	29.371	-14.129	43.500	QUASIPeAK
3		437.681	-7.102	41.679	34.577	-11.423	46.000	QUASIPeAK
4	*	485.478	-6.197	42.838	36.641	-9.359	46.000	QUASIPeAK
5		784.913	-1.772	30.752	28.980	-17.020	46.000	QUASIPeAK
6		938.145	0.219	31.150	31.369	-14.631	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 : ROG STRIX GO 2.4  
 Test Item : General Radiated Emission Data  
 Test Date : 2019/08/29  
 Test Mode : Mode 1: Transmit (2443.35MHz) \_ANT2

**Vertical**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	51.087	-11.048	36.475	25.427	-14.573	40.000	QUASIPEAK
2		332.246	-9.591	33.994	24.404	-21.596	46.000	QUASIPEAK
3		425.029	-7.414	33.697	26.284	-19.716	46.000	QUASIPEAK
4		499.536	-5.960	34.673	28.713	-17.287	46.000	QUASIPEAK
5		843.957	-0.971	30.485	29.514	-16.486	46.000	QUASIPEAK
6		976.101	0.695	30.036	30.732	-23.268	54.000	QUASIPEAK

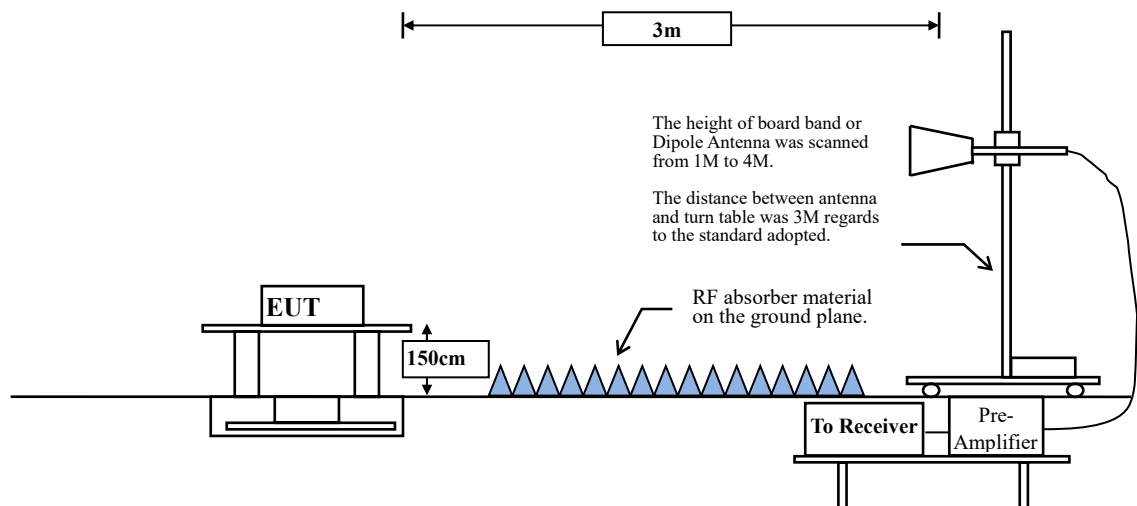
**Note:**

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.

## 4. Band Edge

### 4.1. Test Setup

#### RF Radiated Measurement:



### 4.2. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

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

Remarks: E field strength (dB $\mu$ V /m) = 20 log E field strength (uV/m)

#### **4.3. Test Procedure**

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 can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

The bandwidth setting below 1GHz and above 1GHz on the field strength meter is 120 kHz and 1MHz, respectively.

#### **4.4. Uncertainty**

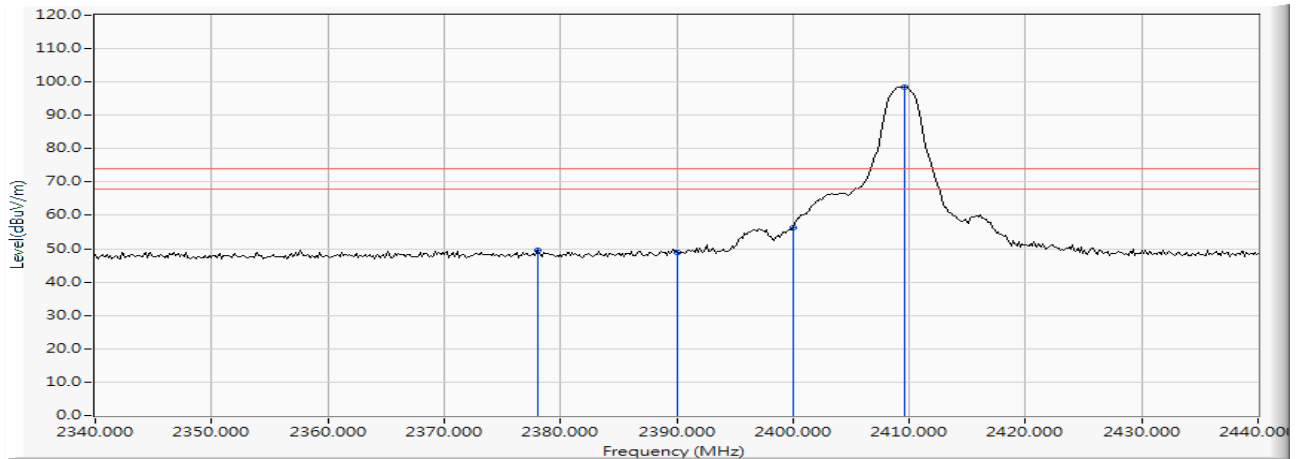
Horizontal polarization : 1-18GHz:  $\pm 3.77\text{dB}$

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

#### 4.5. Test Result of Band Edge

Product : ROG STRIX GO 2.4  
 Test Item : Band Edge Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2409.35MHz) \_ANT1

##### Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2378.116	10.792	38.674	49.465	-24.535	74.000	PEAK
2		2390.000	10.841	38.212	49.053	-24.947	74.000	PEAK
3		2400.000	10.884	45.427	56.311	-17.689	74.000	PEAK
4	*	2409.565	10.922	87.647	98.570	--	--	PEAK

##### Note:

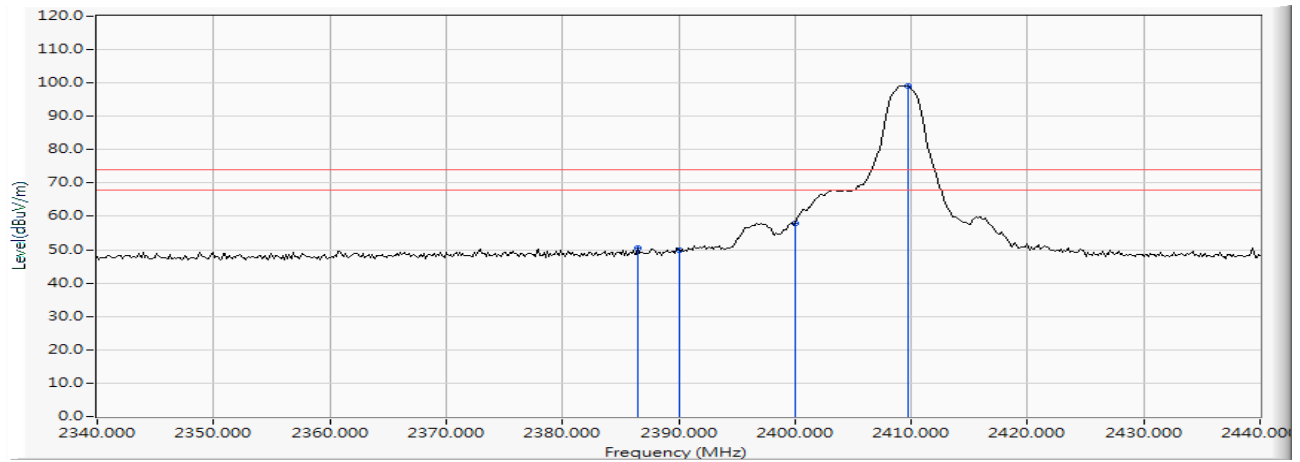
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average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

Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
03 (Average)	2378.116	49.465	-35.951	13.514	-40.486	54.000	Pass
03 (Average)	2390.000	49.053	-35.951	13.102	-40.898	54.000	Pass
03 (Average)	2400.000	56.311	-35.951	20.360	-33.640	54.000	Pass

##### Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Band Edge Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2409.35MHz) \_ANT1

**Vertical**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2386.522	10.827	39.725	50.552	-23.448	74.000	PEAK
2		2390.000	10.841	39.105	49.946	-24.054	74.000	PEAK
3		2400.000	10.884	46.973	57.857	-16.143	74.000	PEAK
4	*	2409.710	10.924	88.159	99.082	--	--	PEAK

**Note:**

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

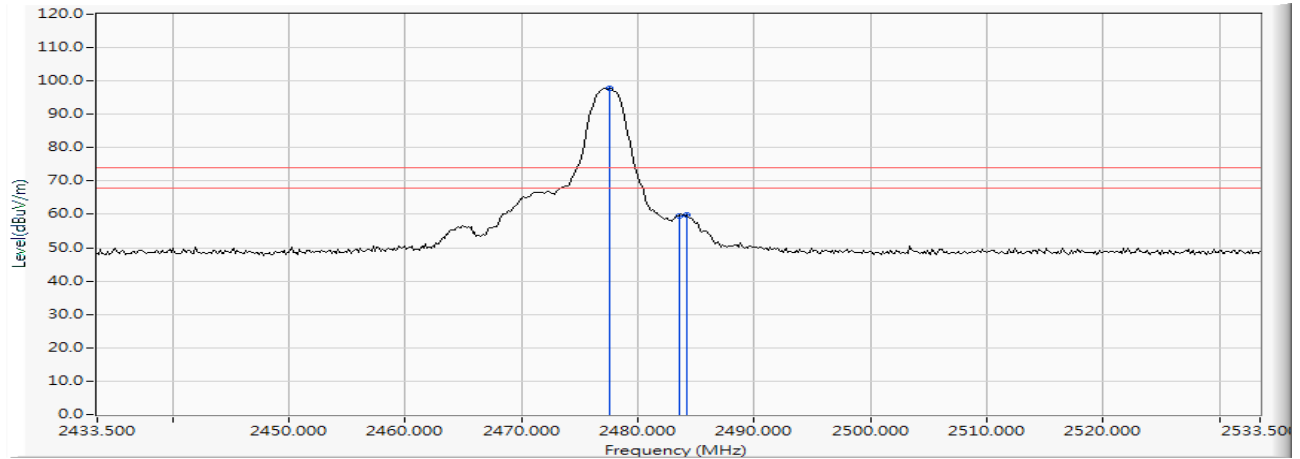
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
03 (Average)	2386.522	50.552	-35.951	14.601	-39.399	54.000	Pass
03 (Average)	2390.000	49.946	-35.951	13.995	-40.005	54.000	Pass
03 (Average)	2400.000	57.857	-35.951	21.906	-32.094	54.000	Pass

**Note:**

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Band Edge Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2477.35MHz) \_ANT1

### Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2477.558	11.205	86.497	97.703	--	--	PEAK
2		2483.500	11.229	48.426	59.656	-14.344	74.000	PEAK
3		2484.225	11.233	48.533	59.765	-14.235	74.000	PEAK

### Note:

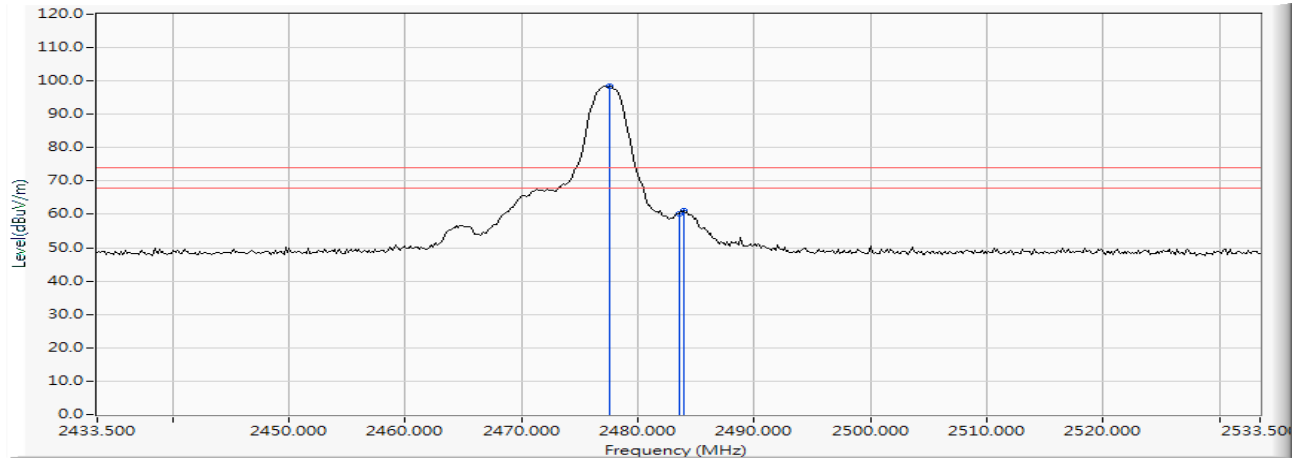
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average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

Channel No.	Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Average Measurement (dBuV/m)	Margin (dB)	Average Limit (dBuV/m)	Result
37 (Average)	2483.500	59.656	-35.951	23.705	-30.295	54.000	Pass
37 (Average)	2484.225	59.765	-35.951	23.814	-30.186	54.000	Pass

### Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Band Edge Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2477.35MHz) \_ANT1

**Vertical**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2477.558	11.205	87.134	98.340	--	--	PEAK
2		2483.500	11.229	49.082	60.312	-13.688	74.000	PEAK
3		2483.935	11.232	49.819	61.050	-12.950	74.000	PEAK

**Note:**

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

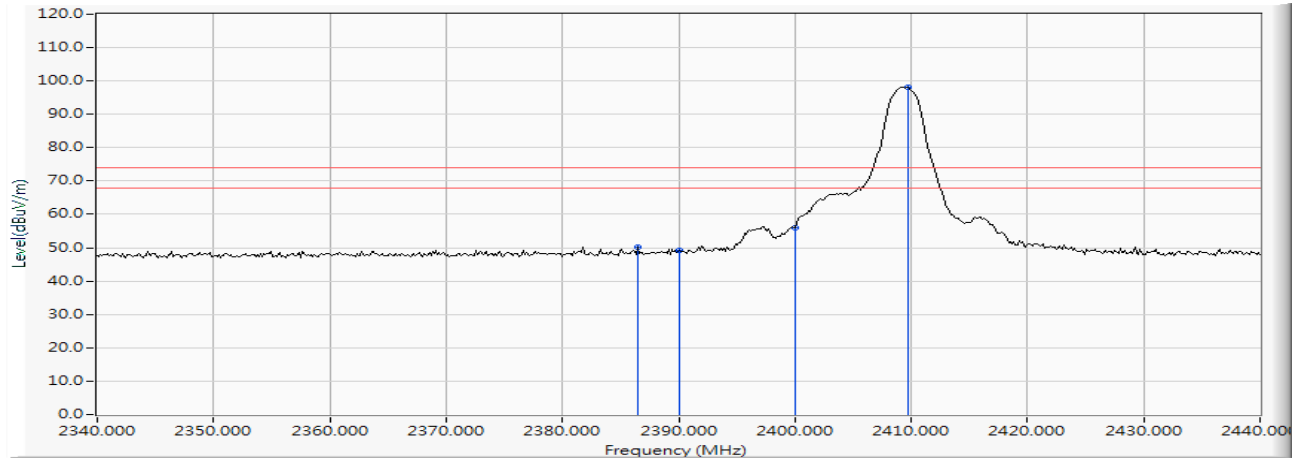
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
37 (Average)	2483.500	60.312	-35.951	24.361	-29.639	54.000	Pass
37 (Average)	2483.935	61.050	-35.951	25.099	-28.901	54.000	Pass

**Note:**

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Band Edge Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2409.35MHz) \_ANT2

### Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2386.522	10.827	39.437	50.264	-23.736	74.000	PEAK
2		2390.000	10.841	38.363	49.204	-24.796	74.000	PEAK
3		2400.000	10.884	45.005	55.889	-18.111	74.000	PEAK
4	*	2409.710	10.924	87.129	98.052	--	--	PEAK

#### Note:

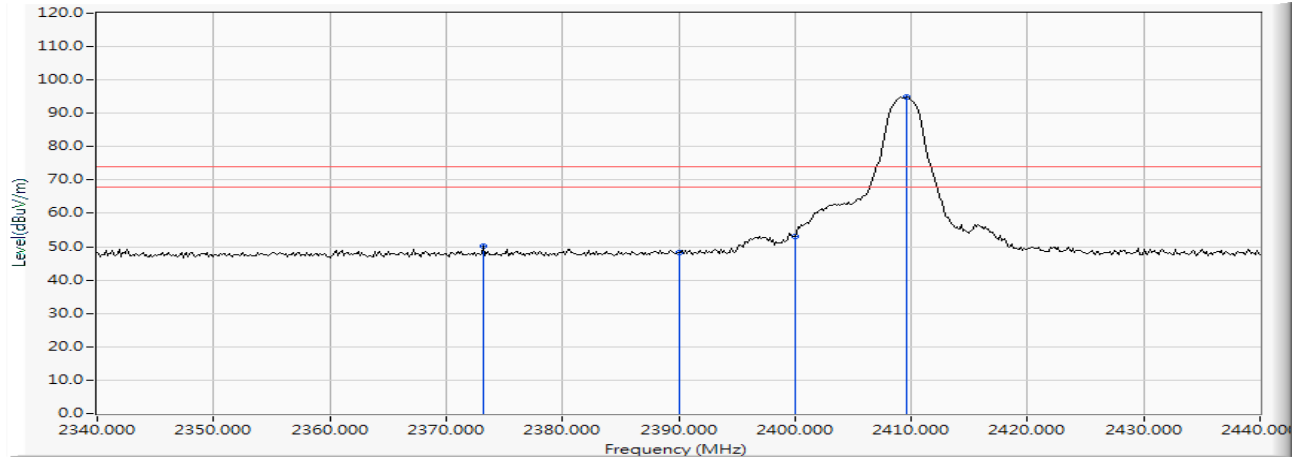
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average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

Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
03 (Average)	2386.522	50.264	-35.951	14.313	-39.687	54.000	Pass
03 (Average)	2390.000	49.204	-35.951	13.253	-40.747	54.000	Pass
03 (Average)	2400.000	55.889	-35.951	19.938	-34.062	54.000	Pass

#### Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Band Edge Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2409.35MHz) \_ANT2

**Vertical**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2373.188	10.772	39.449	50.221	-23.779	74.000	PEAK
2		2390.000	10.841	37.286	48.127	-25.873	74.000	PEAK
3		2400.000	10.884	42.278	53.162	-20.838	74.000	PEAK
4	*	2409.565	10.922	83.886	94.809	--	--	PEAK

**Note:**

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

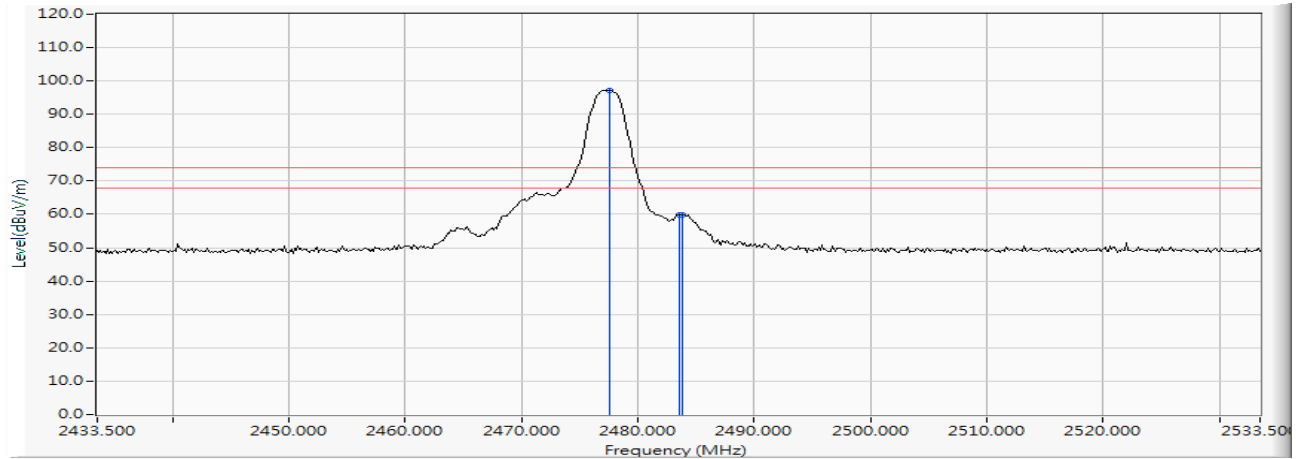
Channel No.	Frequency (MHz)	Peak Measurement (dB $\mu$ V/m)	Duty Cycle Factor (dB)	Average Measurement (dB $\mu$ V/m)	Margin (dB)	Average Limit (dB $\mu$ V/m)	Result
03 (Average)	2373.188	50.221	-35.951	14.270	-39.730	54.000	Pass
03 (Average)	2390.000	48.127	-35.951	12.176	-41.824	54.000	Pass
03 (Average)	2400.000	53.162	-35.951	17.211	-36.789	54.000	Pass

**Note:**

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Band Edge Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2477.35MHz) \_ANT2

### Horizontal



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2477.558	11.205	86.081	97.287	--	--	PEAK
2		2483.500	11.229	48.625	59.855	-14.145	74.000	PEAK
3		2483.790	11.231	48.644	59.875	-14.125	74.000	PEAK

### Note:

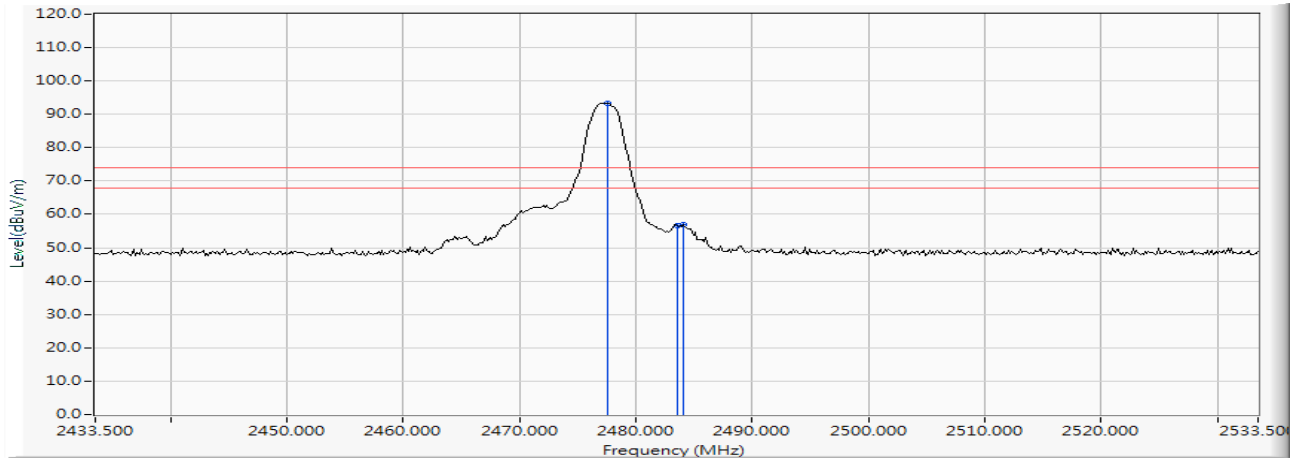
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average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

Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
37 (Average)	2483.500	59.855	-35.951	23.904	-30.096	54.000	Pass
37 (Average)	2483.790	59.875	-35.951	23.924	-30.076	54.000	Pass

### Note:

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 5.

Product : ROG STRIX GO 2.4  
 Test Item : Band Edge Data  
 Test Date : 2019/08/28  
 Test Mode : Mode 1: Transmit (2477.35MHz) \_ANT2

**Vertical**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2477.558	11.205	82.083	93.289	--	--	PEAK
2		2483.500	11.229	45.329	56.559	-17.441	74.000	PEAK
3		2484.080	11.232	45.584	56.816	-17.184	74.000	PEAK

**Note:**

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

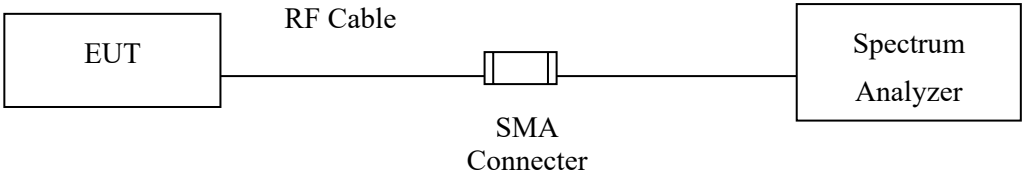
Channel No.	Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Average Measurement (dBμV/m)	Margin (dB)	Average Limit (dBμV/m)	Result
37 (Average)	2483.500	56.559	-35.951	20.608	-33.392	54.000	Pass
37 (Average)	2484.080	56.816	-35.951	20.865	-33.135	54.000	Pass

**Note:**

1. Average Measurement=Peak Measurement + Duty Cycle Factor
2. The Duty Cycle is refer to section 5.

**5. Duty Cycle**

**5.1. Test Setup**

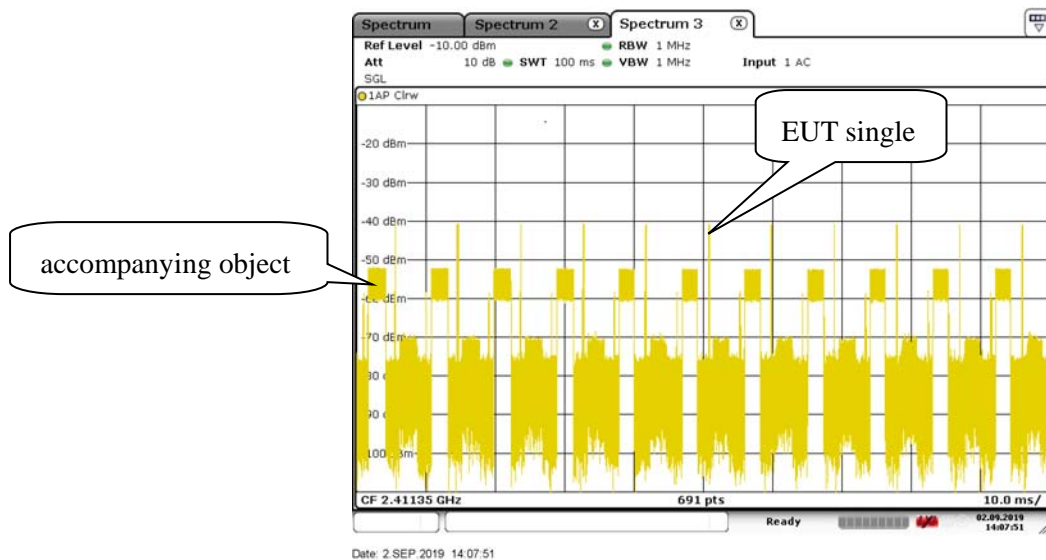


**5.2. Uncertainty**

$\pm 2.31\text{ms}$

### 5.3. Test Result of Duty Cycle

Product : ROG STRIX GO 2.4  
 Test Item : Duty Cycle Data  
 Test Mode : Normal mode



Time on of 100ms= 144.9us\*11= 1.594ms

Duty Cycle=1.5939ms / 100ms= 0.015939

Duty Cycle correction factor= 20 LOG 0.015939= -35.951 dB

DCCF was tested and connected with the accompanying object. Under this circumstances, we did find out the signal of the accompanying object was the wider transmission; the signal of EUT was the narrower transmission.

Duty Cycle correction factor	-35.951	dB
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## **6. EMI Reduction Method During Compliance Testing**

No modification was made during testing.