RADIO TEST REPORT

The device described below is tested by Dongguan Nore Testing Center Co., Ltd. to determine the maximum emission levels emanating from the device, the severe levels which the device can endure and E.U.T.'s performance criterion. The test results, data evaluation, test procedures, and equipment of configurations shown in this report were made in accordance with the procedures in ANSI C63.10(2013).

Applicant	:	DONGGUAN TOGRAN ELECTRONICS TECHNOLOGY CO.,LTD.
Address	:	262 shidan Rd., 3rd industrial Area, Juzhou, Shijie Town, Dongguan city, China
Manufacturer / Factory	:	DONGGUAN TOGRAN ELECTRONICS TECHNOLOGY CO.,LTD.
Address	:	262 shidan Rd., 3rd industrial Area, Juzhou, Shijie Town, Dongguan city, China
E.U.T.	:	Wireless Gaming Mouse
Brand Name	:	N/A
Model No.	:	TM173G-QI
FCC ID	:	2AGLG-TM173G-QI
Measurement Standard	:	FCC PART 15.249: 2016
Date of Receiver	:	July 11, 2018
Date of Test	:	July 11, 2018 to July 20, 2018
Date of Report	:	July 20, 2018

This Test Report is Issued Under the Authority of :

Prepared by	Approved & Authorized Signer
Knight Wen / Engineer	Iori Fan / Authorized Signatory

This test report is for the customer shown above and their specific product only. This report applies to above tested sample only and shall not be reproduced in part without written approval of Dongguan Nore Testing Center Co., Ltd.

TEL: +86-769-22022444 FAX: +86-769-22022799 Web: www.ntc-c.com
Address: Building D, Gaosheng Science & Technology Park, Zhouxi Longxi Road, Nancheng District, Dongguan City, Guangdong, China

Table of Contents

Revision History of This Test Report

Report Number	Description	Issued Date
NTC1707368FV00	Initial Issue	2018-07-20

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test

Product Name	:	Wireless Gaming Mouse
Main model number	:	TM173G-QI
Additional Model number	:	N/A
Brand Name	:	N/A
Power Supply	:	DC 3.7V From LI-ion battery DC 5.0V From USB Port
Adapter	:	N/A
Test voltage	:	AC 120V/60Hz(PC Input) AC 240V/60Hz(PC Input) DC 3.7V (Only the worst case was recorded in this report.)
Cable	:	USB Line: 1.80m unshielded
Operating Temperature Range	:	0°C to 40°C (Declaration by manufacturer)
Model Difference Description	:	N/A
Hardware version	:	A1
Software version	:	A0
Note	:	This product is made up of two parts, mouse and dongle, this report only applies to mouse.

Technical Specification:

2.4G Function:

Frequency Range : 2403~2480MHz

Modulation Type : GFSK

Number of Channel : 16

Antenna Type : PCB Antenna

Antenna Gain : -1 dBi (Declaration by manufacturer)

Channel List:

Channel	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Frequency MHz	2403	2426	2441	2463	2407	2422	2445	2466
Channel	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Frequency MHz	2414	2436	2459	2473	2419	2439	2453	2480

Note: The Lowest, middle and the Highest frequency of channel were selected to perform the test. The frequency selected see below:

The Lowest frequency: 2403MHz
The middle frequency: 2441MHz
The Highest frequency: 2480MHz

1.2 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for **FCC ID: 2AGLG-TM173G-QI** filing to comply with Section 15.249 of the FCC Part 15 (2016), Subpart C Rule.

1.3 Test Methodology

Both AC mains line-conducted and radiated emission measurements were performed according to the procedures in ANSI C63.10 (2013). Radiated emission measurement was performed in semi-anechoic chamber and conducted emission measurement was performed in shield room. For radiated emission measurement, preliminary scans were performed in the semi-anechoic chamber only to determine the worst case modes. All radiated tests were performed at an antenna to EUT distance of 3 meters.

1.4 Equipment Modifications

Not available for this EUT intended for grant.

1.5 Support Device

Adapter	:	Manufacturer: Flextronics Sales Model: A1402 Input: AC100-240V 50/60Hz 0.15A Output: DC 5.0V 1.0A

1.6 Test Facility and Location

Site Description

EMC Lab : Listed by CNAS, August 14, 2015
The certificate is valid until August 13, 2018
The Laboratory has been assessed and proved to be in compliance with CNAS/CL01
The Certificate Registration Number is L5795.

Listed by A2LA, November 01, 2017
The certificate is valid until December 31, 2019
The Laboratory has been assessed and proved to be in compliance with ISO17025
The Certificate Registration Number is 4429.01

Listed by FCC, November 06, 2017
The Designation Number is CN1214
Test Firm Registration Number: 907417

Listed by Industry Canada, June 08, 2017
The Certificate Registration Number. Is 46405-9743

Name of Firm : Dongguan Nore Testing Center Co., Ltd.
(Dongguan NTC Co., Ltd.)

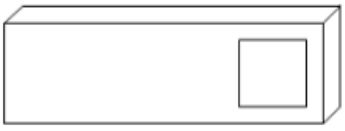
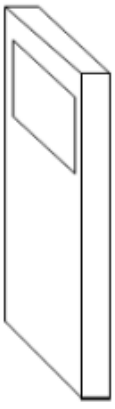
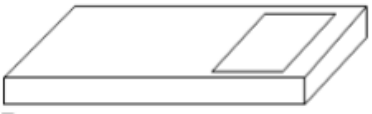
Site Location : Building D, Gaosheng Science & Technology Park, Zhouxi Longxi Road, Nancheng District, Dongguan City, Guangdong Province, China

1.7 Summary of Test Results

FCC Rules	Description Of Test	Uncertainty	Result
§15.207(a)	AC Power Conducted Emission	±1.06dB	Compliant
§15.249(a)/ 15.209	Radiated Emissions	±3.70dB	Compliant
§15.249(d)/ 15.205	Band Edge	±1.70dB	Compliant
§15.215(c)	20dB Bandwidth	±1.42 x10^{-4}%	Compliant
§15.203	Antenna Requirement	±0.60dB	Compliant

Note: 1.The EUT has been tested as an independent unit. And Continual transmitting in maximum power (The new battery be used during test)
2.The EUT powered by battery and operating multiple positions, so the EUT shall be performed two or three orthogonal planes. The worst plane is Z.

Example:

X Plane	Y Plane	Z Plane
		

2. System Test Configuration

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 Special Accessories

Not available for this EUT intended for grant.

2.3 Description of test modes

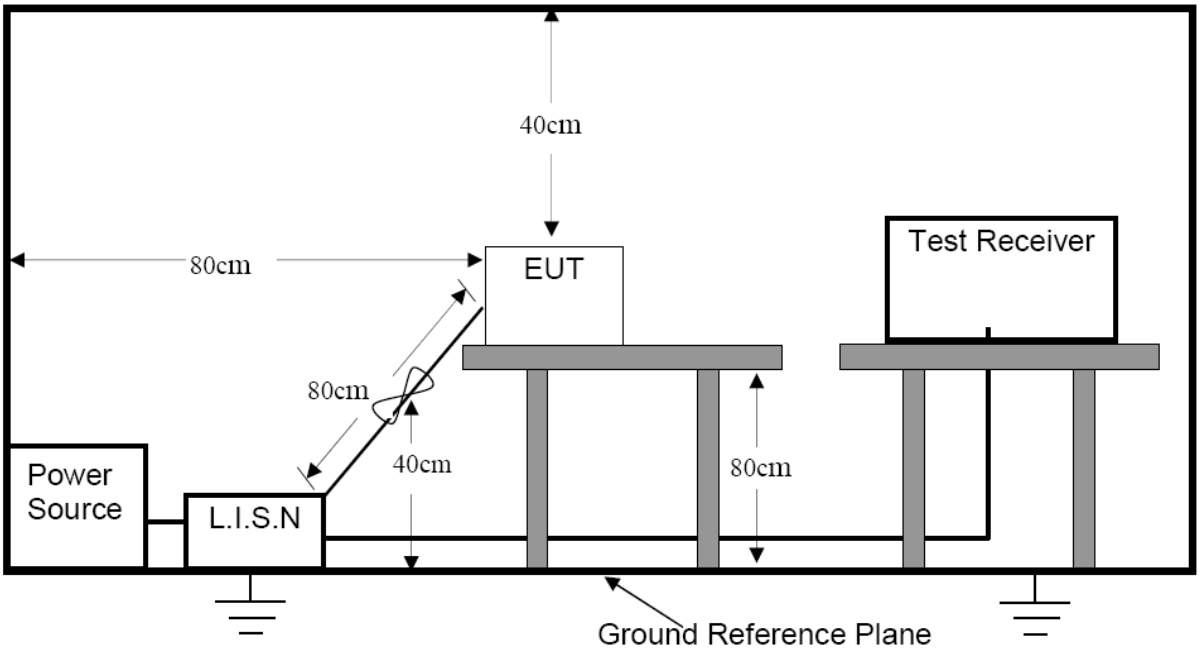
The EUT has been tested under operating condition. The Lowest, middle and highest frequencies were chosen for testing.

2.4 EUT Exercise

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements.

3. Conducted Emissions Test

3.1 Test SET-UP (Block Diagram of Configuration)



3.2 Test Condition

Test Requirement: FCC Part 15.207

Frequency Range: 150KHz ~ 30MHz

Detector: RBW 9KHz, VBW 30KHz

Operation Mode: Charging+TX

3.3 Measurement Results

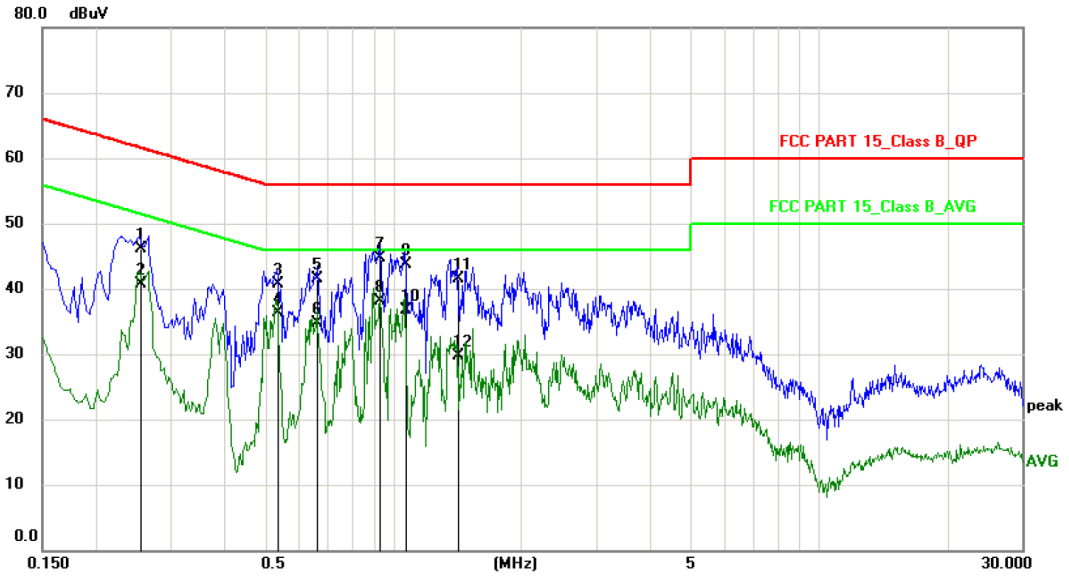
Pass

Please refer to the following pages :

Dongguan NTC Co., Ltd.
Tel:+86-769-22022444 Fax:+86-769-22022799
Web: Http://www.ntc-c.com

Conducted Emission Measurement

File :TM173G-QI Data :#4 Date: 2018-7-13 Time: 10:39:05



Site
Limit: FCC PART 15_Class B_QP
EUT: Wrieless Gaming Mouse
M/N: TM173G-QI
Mode: Charging+TX
Note:

Phase: *L1*
Power: AC120V/60Hz

Temperature: 26
Humidity: 50 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2540	35.40	10.80	46.20	61.63	-15.43	QP	
2		0.2540	29.90	10.80	40.70	51.63	-10.93	AVG	
3		0.5340	30.00	10.80	40.80	56.00	-15.20	QP	
4		0.5340	25.50	10.80	36.30	46.00	-9.70	AVG	
5		0.6620	30.70	10.80	41.50	56.00	-14.50	QP	
6		0.6620	23.90	10.80	34.70	46.00	-11.30	AVG	
7		0.9300	34.00	10.80	44.80	56.00	-11.20	QP	
8	*	0.9300	27.30	10.80	38.10	46.00	-7.90	AVG	
9		1.0660	33.00	10.80	43.80	56.00	-12.20	QP	
10		1.0660	26.00	10.80	36.80	46.00	-9.20	AVG	
11		1.4140	30.70	10.80	41.50	56.00	-14.50	QP	
12		1.4140	18.90	10.80	29.70	46.00	-16.30	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

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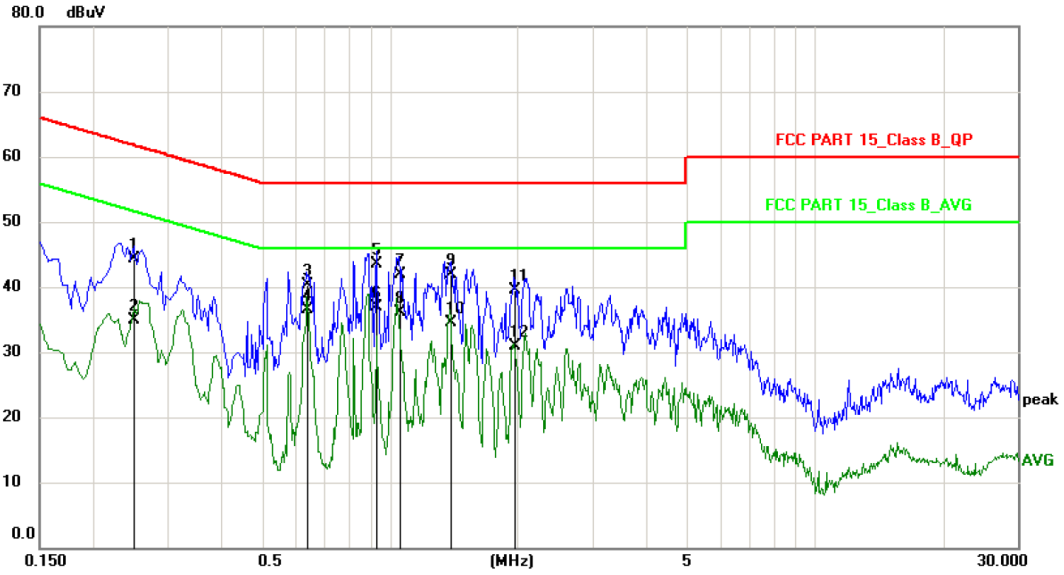
Web: Http://www.ntc-c.com

Conducted Emission Measurement

File :TM173G-QI Data :#3 Date: 2018-7-13 Time: 10:46:35



Site
Limit: FCC PART 15_Class B_QP
EUT: Wrieless Gaming Mouse
M/N: TM173G-QI
Mode: Charging+TX
Note:

Phase: N
Power: AC120V/60Hz

Temperature: 26
Humidity: 50 %

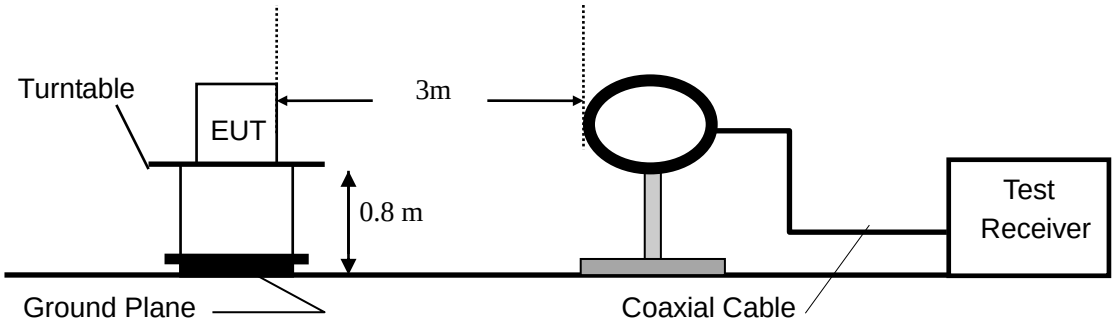
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2500	33.50	10.80	44.30	61.76	-17.46	QP	
2		0.2500	24.10	10.80	34.90	51.76	-16.86	AVG	
3		0.6380	29.60	10.80	40.40	56.00	-15.60	QP	
4		0.6380	25.70	10.80	36.50	46.00	-9.50	AVG	
5		0.9300	32.80	10.80	43.60	56.00	-12.40	QP	
6	*	0.9300	26.20	10.80	37.00	46.00	-9.00	AVG	
7		1.0500	31.20	10.80	42.00	56.00	-14.00	QP	
8		1.0500	25.40	10.80	36.20	46.00	-9.80	AVG	
9		1.3900	31.20	10.80	42.00	56.00	-14.00	QP	
10		1.3900	23.70	10.80	34.50	46.00	-11.50	AVG	
11		1.9618	28.80	10.80	39.60	56.00	-16.40	QP	
12		1.9618	20.20	10.80	31.00	46.00	-15.00	AVG	

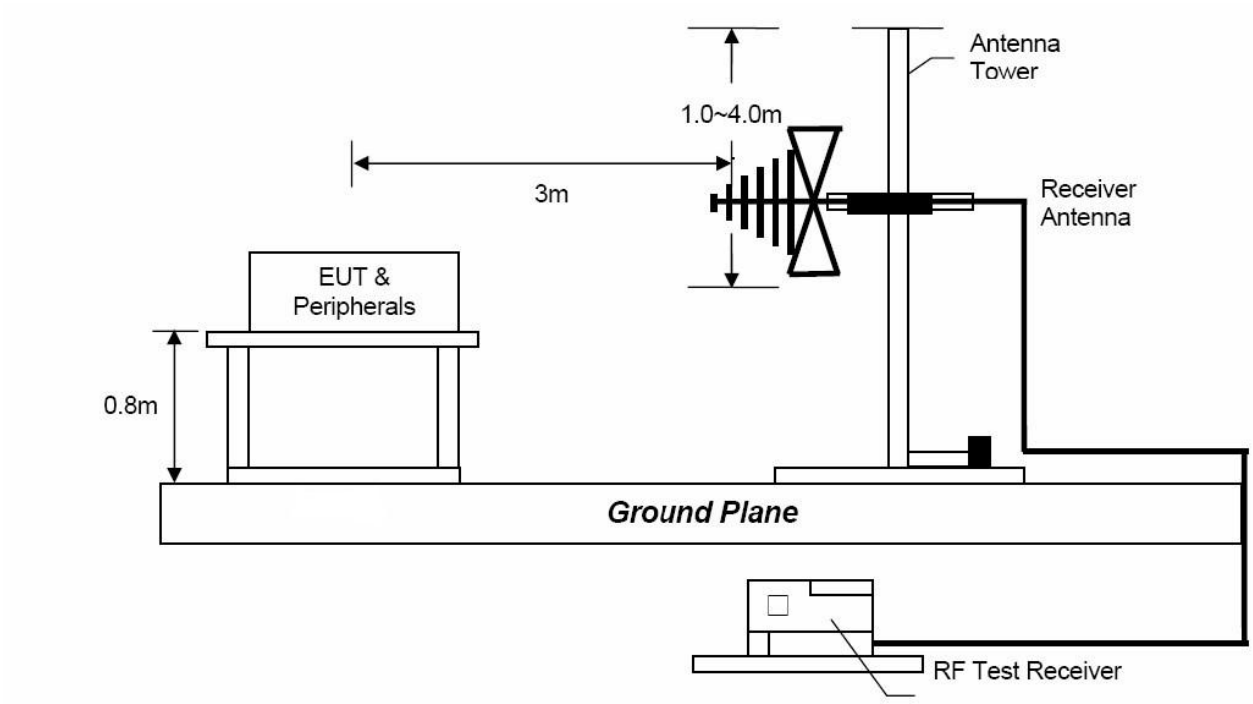
*:Maximum data x:Over limit !:over margin 〈Reference Only

4. Radiated Emission Test

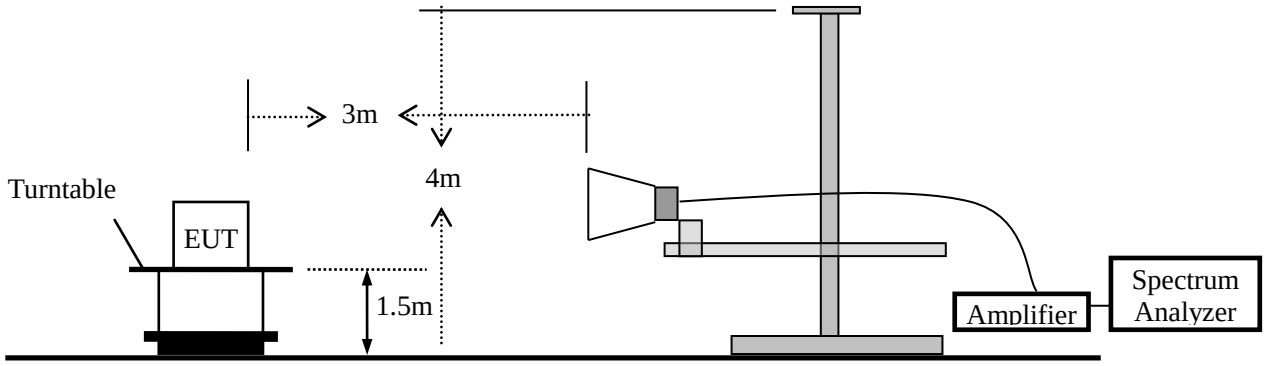
4.1 Test SET-UP (Block Diagram of Configuration)

4.1.1 Radiated Emission Test Set-Up, Frequency Below 30MHz





4.1.2 Radiated Emission Test Set-Up, Frequency above 1GHz



4.2 Measurement Procedure

a. Blow 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi- anechoic chamber room.
b. For the radiated emission test above 1GHz:
The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter full anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
c. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
d. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to peak detect function and specified bandwidth with maximum hold mode.
f. A Quasi-peak measurement was then made for that frequency point for below 1GHz test. PK and AV for above 1GHz emission test.

During the radiated emission test, the spectrum analyzer was set with the following configurations:

Frequency Band (MHz)	Level	Resolution Bandwidth	Video Bandwidth
30 to 1000	QP	120 kHz	300 kHz
Above 1000	Peak	1 MHz	3 MHz
	Average	1 MHz	10 Hz

4.3 Limit

Frequency range MHz	Distance Meters	Field Strengths Limit (15.209)	
		μV/m	
0.009 ~ 0.490	300	2400/F(kHz)	
0.490 ~ 1.705	30	24000/F(kHz)	
1.705 ~ 30	30	30	
30 ~ 88	3	100	
88 ~ 216	3	150	
216 ~ 960	3	200	
Above 960	3	500	
Frequency range MHz	Distance Meters	Field Strengths Limit (15.249)	
		mV/m (Field strength of fundamental)	μV/m (Field strength of Harmonics)
902 ~ 928	3	50	500
2400 ~ 2483.5	3	50	500
5725 ~ 5875	3	50	500
24000 ~ 2425000	3	250	2500

Remark：(1) Emission level (dB)μV = 20 log Emission level μV/m

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

(4) The frequency range scanned is from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or 40 GHz, whichever is lower.

4.4 Measurement Results

Please refer to the following pages of the worst case:

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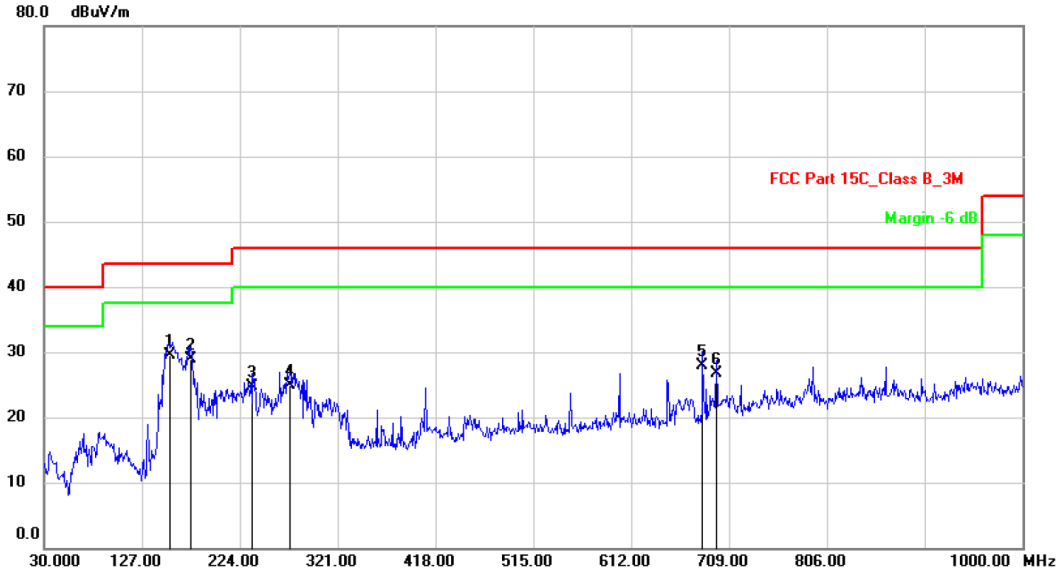
Radiated Emission Measurement

File :TM173G-QI Data :#13 Date: 2018-7-13 Time: 9:25:55



Site
Limit: FCC Part 15C_Class B_3M
EUT: Wireless Gaming Mouse
M/N: TM173G-QI
Mode: Charging+TX
Note:

Polarization: ***Horizontal***
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26
Humidity: 47 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	154.1598	44.98	-15.38	29.60	43.50	-13.90	QP			
2		175.5000	43.37	-14.47	28.90	43.50	-14.60	QP			
3		236.6100	36.88	-12.18	24.70	46.00	-21.30	QP			
4		273.4700	36.02	-11.12	24.90	46.00	-21.10	QP			
5		682.8098	32.28	-4.28	28.00	46.00	-18.00	QP			
6		696.3899	30.64	-3.94	26.70	46.00	-19.30	QP			

*:Maximum data x:Over limit !:over margin 〈Reference Only

Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

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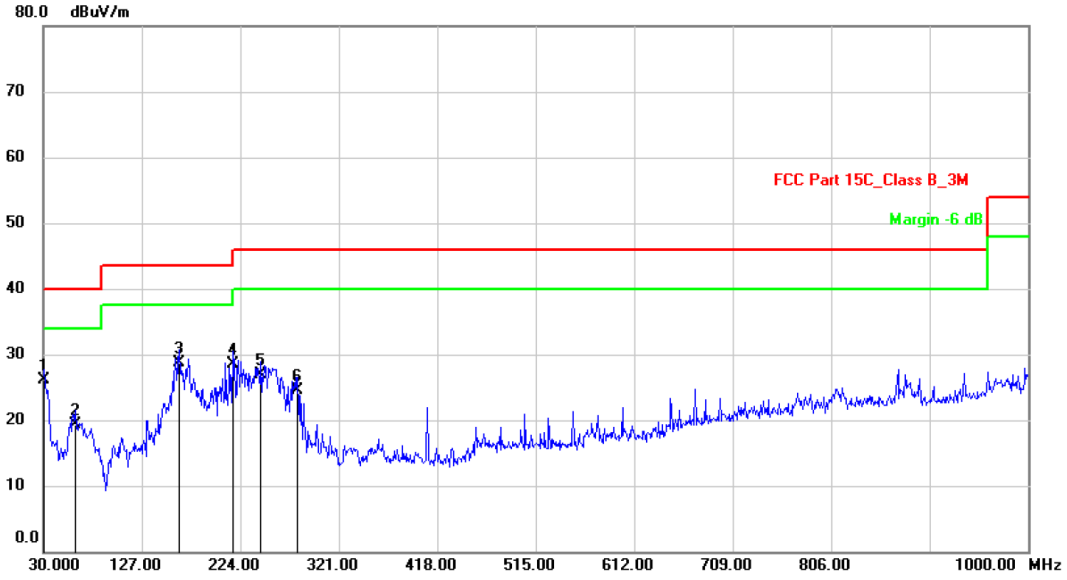
Web: Http://www.ntc-c.com

Radiated Emission Measurement

File :TM173G-QI Data :#14 Date: 2018-7-13 Time: 9:32:15



Site
Limit: FCC Part 15C_Class B_3M
EUT: Wireless Gaming Mouse
M/N: TM173G-QI
Mode: Charging+TX
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26
Humidity: 47 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	30.0000	42.00	-15.90	26.10	40.00	-13.90	QP			
2		61.0399	34.01	-14.61	19.40	40.00	-20.60	QP			
3		163.8600	46.82	-18.02	28.80	43.50	-14.70	QP			
4		216.2400	44.58	-16.08	28.50	46.00	-17.50	QP			
5		244.3700	41.35	-14.45	26.90	46.00	-19.10	QP			
6		280.2599	37.47	-12.97	24.50	46.00	-21.50	QP			

*:Maximum data x:Over limit !:over margin 〈Reference Only

Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

Frequency Range:	1-25GHz	Test Date :	July 17, 2018
Test Result:	PASS	Temperature :	21 ℃
Measured Distance:	3m	Humidity :	55 %
Test By:	Sance		

Freq. (MHz)	Ant.Pol. (H/V)	Reading Level(dBuV)		Factor (dB/m)	Emission Level (dBuV)		Limit 3m (dBuV/m)		Margin (dB)	
		PK	AV		PK	AV	PK	AV	PK	AV
Operation Mode: TX Mode (Low)										
2403	V	78.19	70.07	0.13	78.32	\	114.00	94.00	-35.68	\
4806	V	48.76	37.85	6.32	55.08	44.17	74.00	54.00	-18.92	-9.83
7209	V	46.12	32.44	10.44	56.56	42.88	74.00	54.00	-17.44	-11.12

2403	H	80.10	72.23	0.13	80.23	\	114.00	94.00	-33.77	\
4806	H	50.51	39.55	6.32	56.83	45.87	74.00	54.00	-17.17	-8.13
7209	H	47.94	35.96	10.44	58.38	46.40	74.00	54.00	-15.62	-7.60

Operation Mode: TX Mode (Mid)										
2441	V	77.39	69.14	0.24	77.63	\	114.00	94.00	-36.37	\
4882	V	49.27	39.43	6.60	55.87	46.03	74.00	54.00	-18.13	-7.97
7323	V	46.43	36.29	10.55	56.98	46.84	74.00	54.00	-17.02	-7.16

2441	H	81.39	70.10	0.24	81.63	\	114.00	94.00	-32.37	\
4882	H	50.63	41.37	6.60	57.23	47.97	74.00	54.00	-16.77	-6.03
7323	H	45.57	36.20	10.55	56.12	46.75	74.00	54.00	-17.88	-7.25

Operation Mode: TX Mode (High)										
2480	V	78.22	68.00	0.34	78.56	\	114.00	94.00	-35.44	\
4960	V	50.06	23.32	6.89	56.95	46.72	74.00	54.00	-17.05	-7.28
7440	V	46.43	23.84	10.60	57.03	47.12	74.00	54.00	-16.97	-6.88

2480	H	81.31	70.78	0.34	81.65	\	114.00	94.00	-32.35	\
4960	H	50.09	39.59	6.89	56.98	46.48	74.00	54.00	-17.02	-7.52
7440	H	47.04	37.26	10.60	57.64	47.86	74.00	54.00	-16.36	-6.14

Note: (1) All Readings are Peak Value and AV.
(2) Emission Level= Reading Level + Factor
(3) Factor= Antenna Gain + Cable Loss – Amplifier Gain
(4) Data of measurement within this frequency range shown " ---" in the table above means the reading of emissions are attenuated more than 10dB below the permissible limits.
(5) Measurement uncertainty : ±3.7dB.
(6) Horn antenna used for the emission over 1000MHz.
(7) Due to the highest Peak emission level below AVG limit, therefore, the AVG emission level is deemed to meet the requirements, no AVG result record.

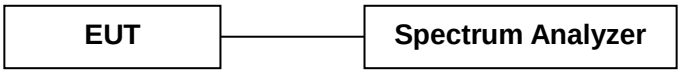
5. 20dB Bandwidth

5.1 Measurement Procedure

The 20dB bandwidth of the emission was contained within the frequency band designated which the EUT operated. The effects, if any, from frequency sweeping, frequency hopping, other modulation techniques and frequency stability over excepted variations in temperature and supply voltage were considered, FCC Rule 15.215(c):

The antenna port of the EUT was connected to the input of a spectrum analyzer. Analyzer RBW was chosen so that the display was a result of the hopping channel modulation. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. Use the spectrum 20dB down delta function to measure the bandwidth.

5.2 Test SET-UP (Block Diagram of Configuration)



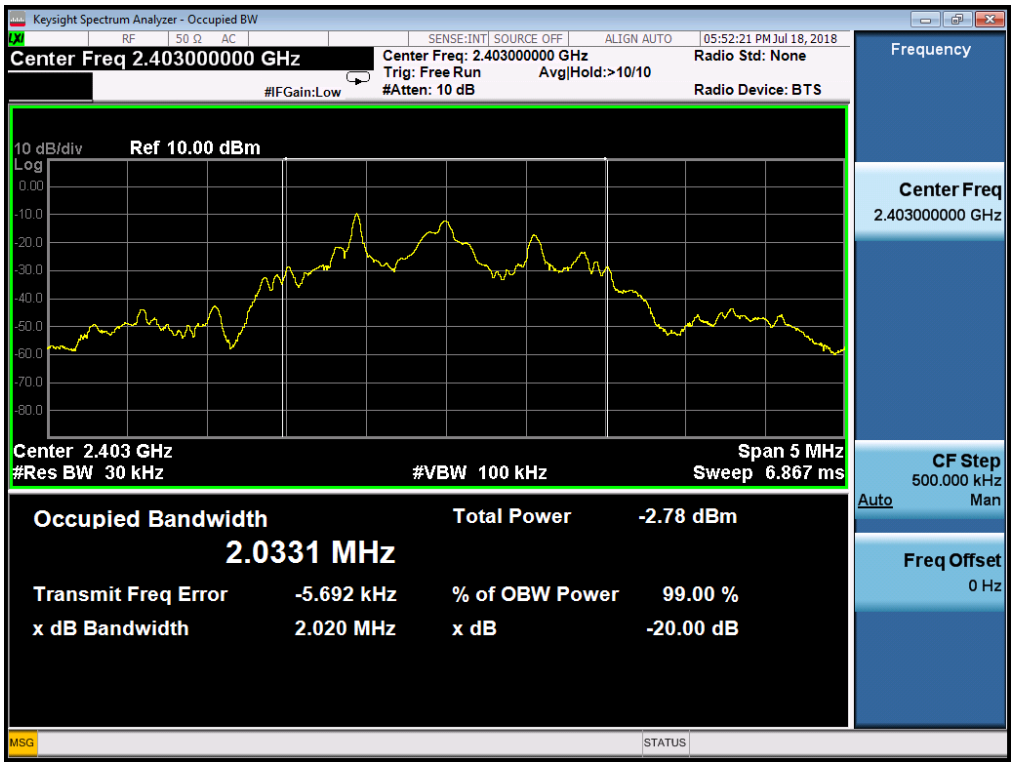
5.3 Measurement Results

Refer to attached data chart.

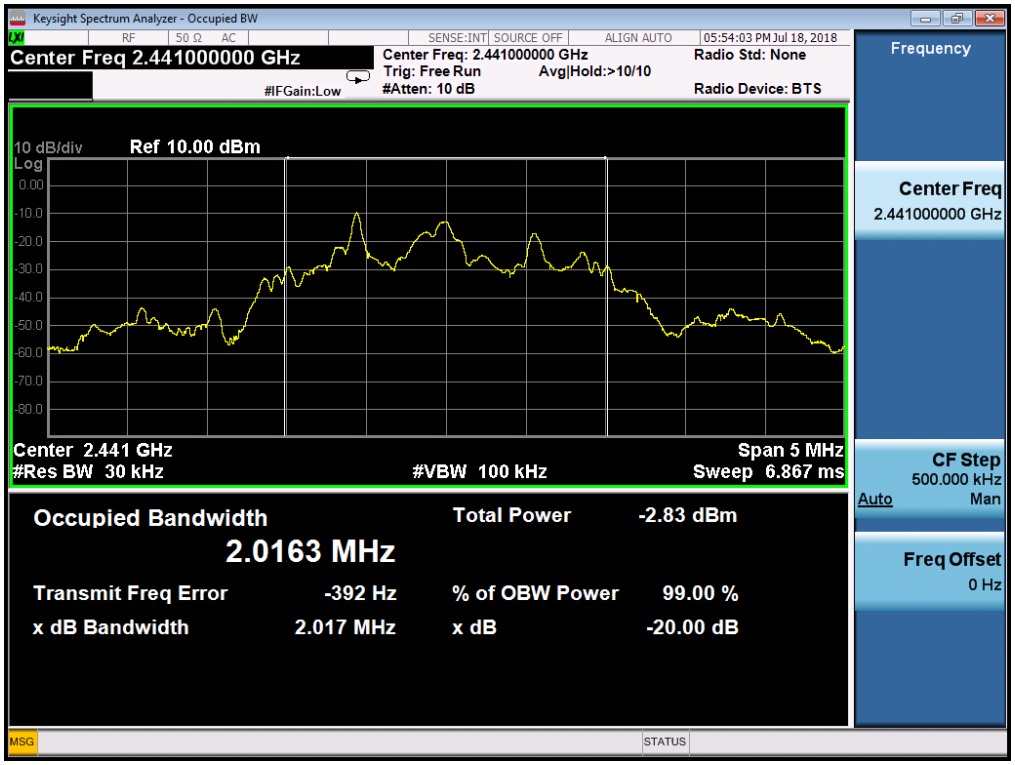
RBW:	30KHz	VBW:	100KHz
Spectrum Detector:	PK	Temperature :	22 ℃
Test By:	Sance	Humidity :	54 %
Test Result:	PASS	Test Date :	July 18, 2018

Channel frequency (MHz)	20dB Down BW(kHz)
2403	2020
2441	2017
2480	2016

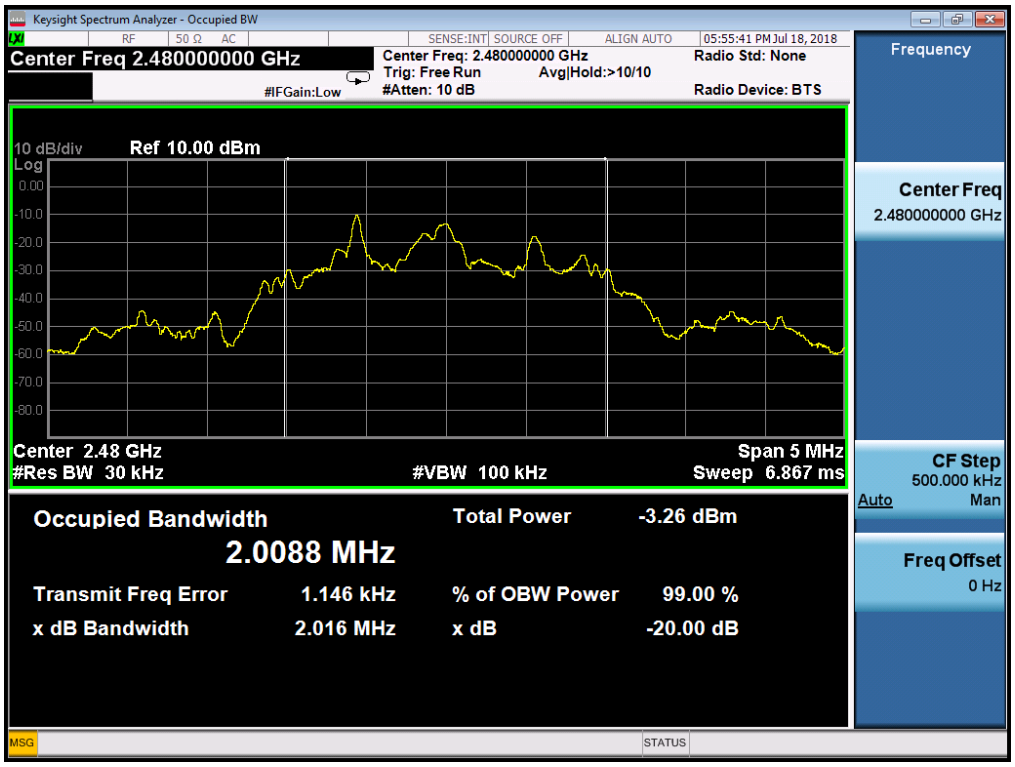
Lowest Channel



Middle Channel



Highest Channel



6. Band Edge

6.1 Measurement Procedure

Same as Radiated Emission Test.

6.2 Limit

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

6.3 Measurement Results

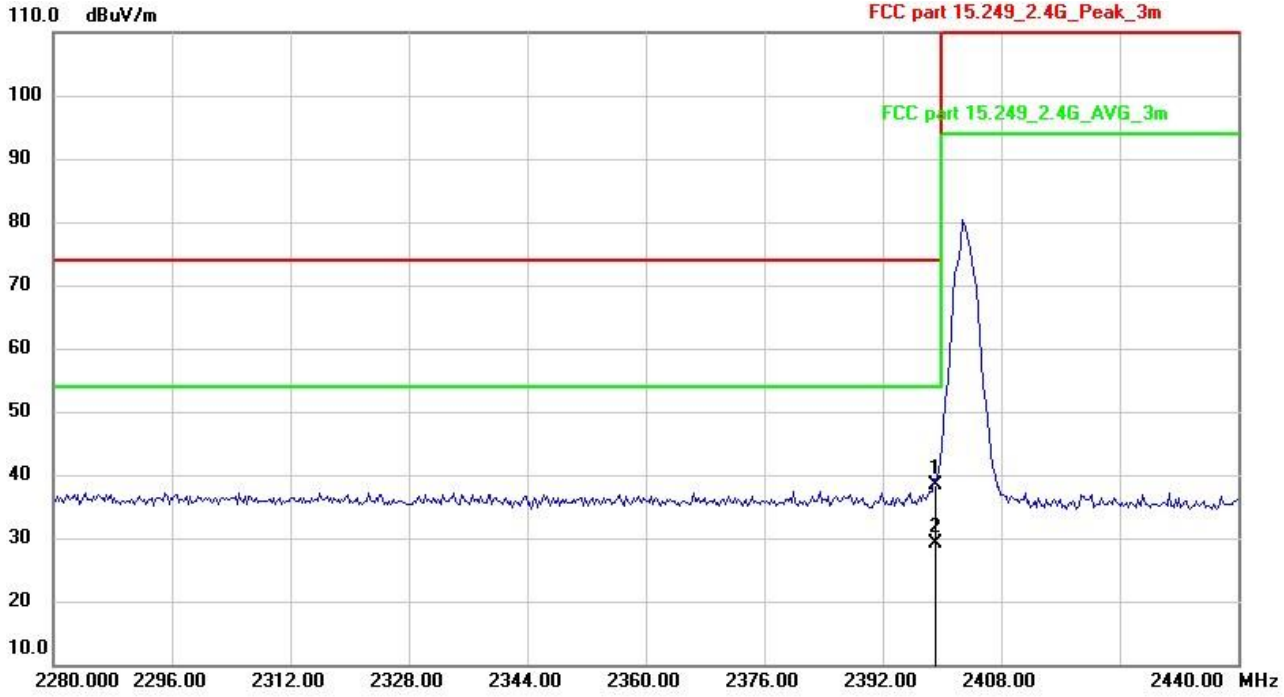
Operation Mode:	TX Mode	Test Date :	
Temperature :	21 ℃	Humidity :	55 %
Test Result:	PASS	Test By:	Sance
Measured Distance:	3m		

Freq. (MHz)	Ant.Pol. (H/V)	Reading Level(dBuV)		Factor (dB/m)	Emission Level (dBuV)		Limit 3m (dBuV/m)		Margin (dB)	
		PK	AV		PK	AV	PK	AV	PK	AV
2390.000	H	38.24	29.04	0.09	38.33	29.13	74.00	54.00	-35.67	-24.87
2390.000	V	39.75	31.69	0.09	39.84	31.78	74.00	54.00	-34.16	-22.22
2483.500	H	55.34	21.40	0.35	55.69	21.75	74.00	54.00	-18.31	-32.25
2483.500	V	45.13	20.99	0.35	45.48	21.34	74.00	54.00	-28.52	-32.66

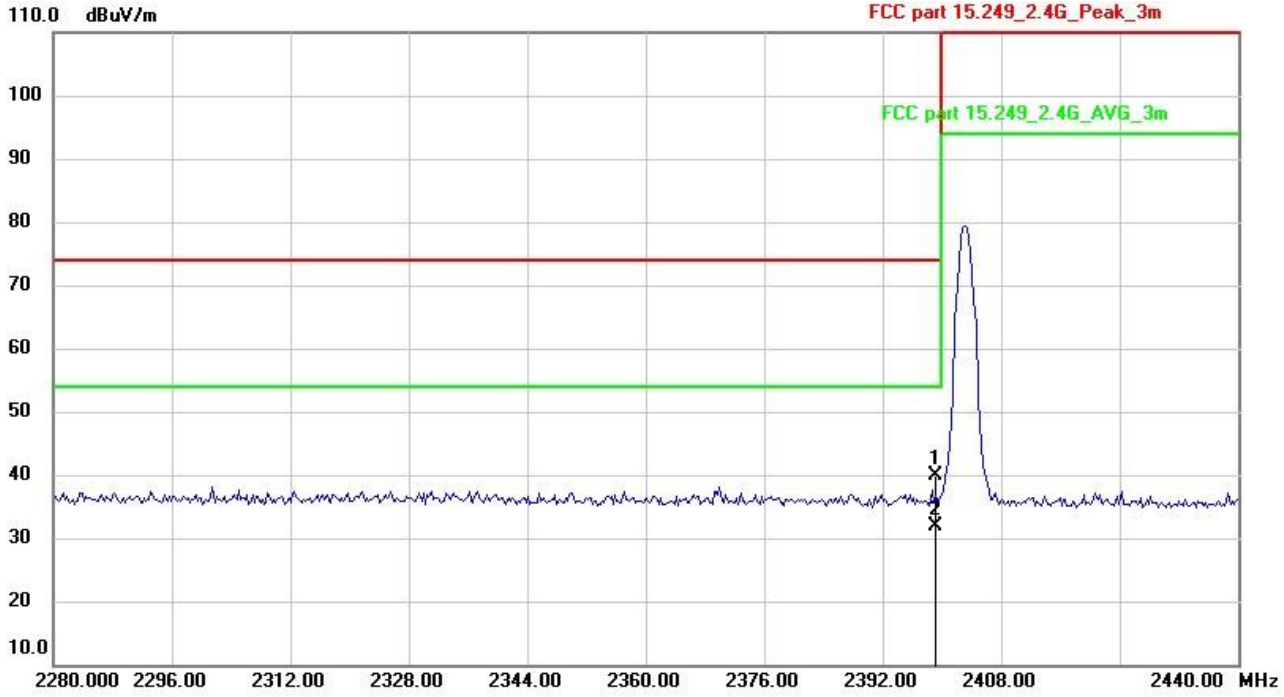
Note: (1) Emission Level= Reading Level + Factor
(2) Factor= Antenna Gain + Cable Loss – Amplifier Gain
(3) Horn antenna used for the emission over 1000MHz.

Low channel

Horizontal

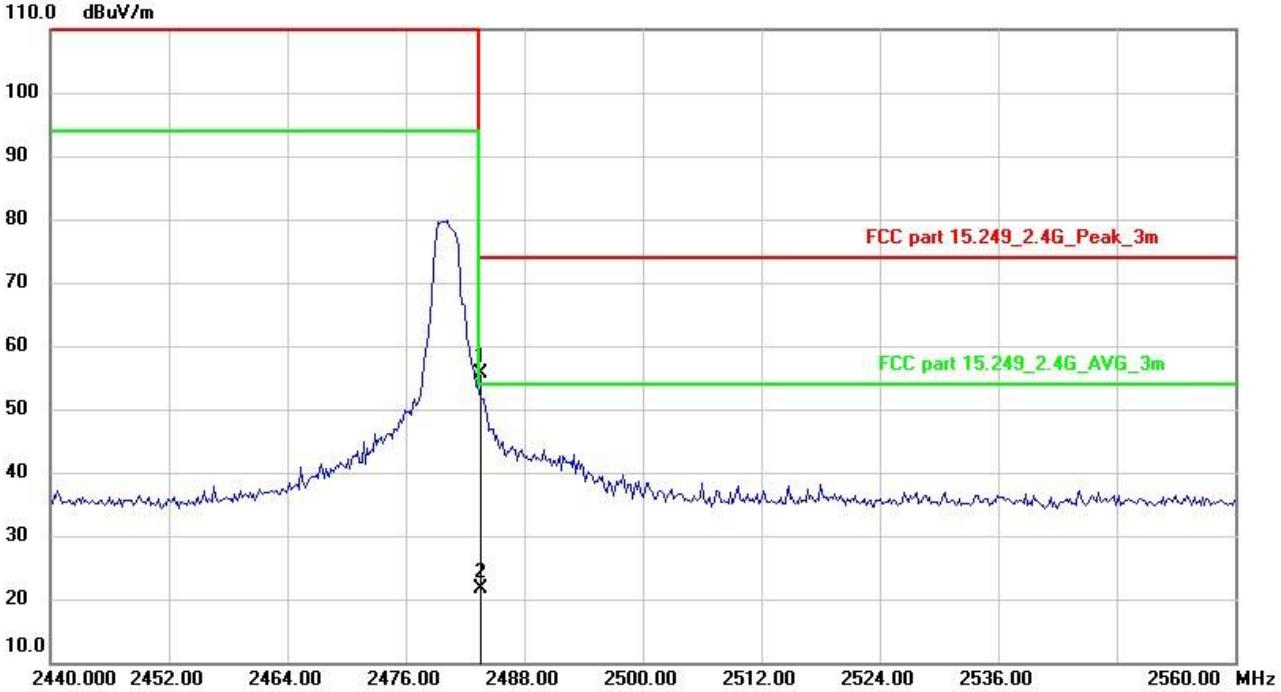


Vertical

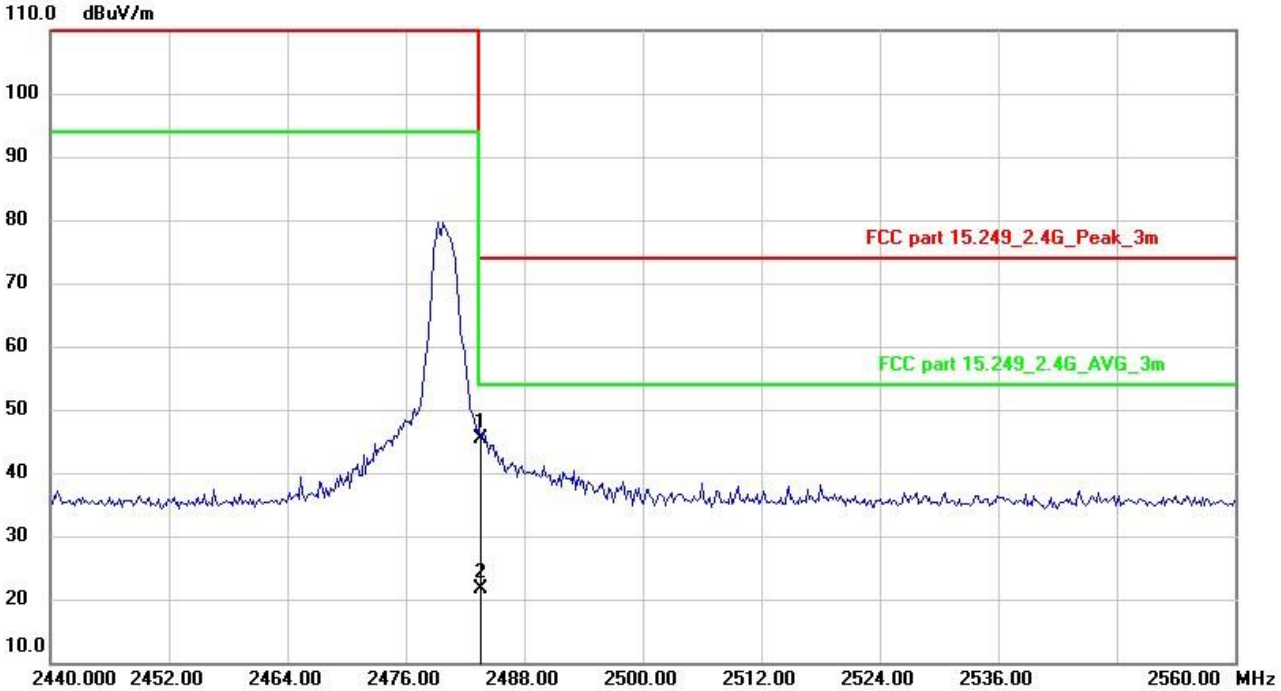


High channel

Horizontal



Vertical



7. Antenna requirement

7.1 Measurement Procedure

According to of FCC part 15C section 15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Systems operating in the 2400-2483.5MHz band that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum peak output power of the intentional radiator is reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

7.2 Measurement Results

The antenna is PCB antenna and no consideration of replacement, and the best case gain of the antenna is -1 dBi. So, the antenna is consider meet the requirement.

8. Test Equipment List

No.	Equipment	Manufacturer	Model No.	Serial No.	Characteristics	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCI7	100837	9KHz~7GHz	Mar. 14, 2018	Mar. 13, 2019
2.	Antenna	Schwarzbeck	VULB9162	9162-010	30MHz~7GHz	Mar. 23, 2018	Mar. 22, 2019
3.	Spectrum Analyzer	Rohde & Schwarz	FSU26	200409/026	20Hz~26.5GHz	Mar. 14, 2018	Mar. 13, 2019
4.	Spectrum Analyzer	Keysight	N9020A	MY54200831	20Hz~26.5GHz	Apr. 24, 2018	Apr. 23, 2019
5.	Horn Antenna	Schwarzbeck	BBHA9170	9170-372	15GHz~40GHz	Mar. 23, 2018	Mar. 22, 2019
6.	Pre-Amplifier	EMCI	EMC 184045	980102	18GHz~40GHz	Apr. 24, 2018	Apr. 23, 2019
7.	Power Sensor	DARE	RPR3006W	15I00041SNO64	100MHz~6GHz	Mar. 14, 2018	Mar. 13, 2019
8.	Horn Antenna	COM-Power	AH-118	071078	500MHz~18GHz	Mar. 23, 2018	Mar. 22, 2019
9.	Pre-Amplifier	HP	HP 8449B	3008A00964	1GHz~26.5GHz	Mar. 14, 2018	Mar. 13, 2019
10.	Pre-Amplifier	HP	HP 8447D	1145A00203	100KHz~1.3GHz	Mar. 14, 2018	Mar. 13, 2019
11.	Loop Antenna	Schwarzbeck	FMZB 1513	1513-272	9KHz~30MHz	Apr. 24, 2018	Apr. 23, 2019
12.	Temperature & Humidity Chamber	REMAFEE	SYHR225L	N/A	-40~150℃	Apr. 24, 2018	Apr. 23, 2019
13.	DC Source	MY	MY8811	N/A	0~30V	Mar. 23, 2018	Mar. 22, 2019
14.	Temporary antenna connector	TESCOM	SS402	N/A	9KHz~25GHz	N/A	N/A
15.	Test Receiver	Rohde & Schwarz	ESCI	101152	9KHz~3GHz	Mar. 14, 2018	Mar. 13, 2019
16.	L.I.S.N	Rohde & Schwarz	ENV 216	101317	N/A	Mar. 14, 2018	Mar. 13, 2019
17.	L.I.S.N	Schwarzbeck	NNLK8129	8129212	N/A	Mar. 07, 2018	Mar. 06, 2019
18.	RF Switching Unit	Compliance Direction Systems Inc.	RSU-M2	38311	N/A	Mar. 14, 2018	Mar. 13, 2019
19.	Test Software	EZ	EZ_EMC	N/A	N/A	N/A	N/A

Note: The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.

---End---