# Radio Test Report

## FCC ID: H8GG7310D

**This report concerns (check one) :** ■ **Original Grant** □ **Class I Change**

**Issued Date** : Apr. 01, 2012
**Project No.** : 1202109
**Equipment** : 2.4G RF Mouse
**Model Name** : G7-310D; G7-310N; 8300F; GK3100

**Applicant** : A-FOUR TECH CO., LTD.
**Address** : 6F, No. 108, Min-Chuan Rd., Hsin-Tien, Taipei, Taiwan, R.O.C.

**Tested by:** Neutron Engineering Inc. EMC Laboratory
**Date of Receipt:** Mar. 07, 2012
**Date of Test:** Mar. 07, 2012 ~ Mar. 16, 2012

**Testing Engineer :** Rush Kao
(Rush Kao)

**Technical Manager :** Jeff Yang
(Jeff Yang)

**Authorized Signatory :** Andy Chiu
(Andy Chiu)

**Neutron Engineering Inc.**
B1, No. 37, Lane 365, YangGuang St.,
NeiHu District 114, Taipei, Taiwan.
TEL: +886-2-2657-3299
FAX: +886-2-2657-3331

NVLAP Lab Code: 200145-0

ilac-MRA TAF Testing Laboratory 0659

## Declaration

**Neutron** represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C**., or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

**Neutron**'s reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **Neutron** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **Neutron** issued reports.

**Neutron**'s reports must not be used by the client to claim product endorsement by the authorities or any agency of the Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and **Neutron-self**, extracts from the test report shall not be reproduced except in full with **Neutron**'s authorized written approval.

**Neutron**'s laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

## Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

## Table of Contents Page


1 . CERTIFICATION 5

2 . SUMMARY OF TEST RESULTS 6

2.1 TEST FACILITY 7

2.2 MEASUREMENT UNCERTAINTY 7

3 . GENERAL INFORMATION 8

3.1 GENERAL DESCRIPTION OF EUT 8

3.2 DESCRIPTION OF TEST MODES 10

3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED 11

3.4 DESCRIPTION OF SUPPORT UNITS 12

4 . EMC EMISSION TEST 13

4.1 RADIATED EMISSION MEASUREMENT 13

4.1.1 RADIATED EMISSION LIMITS 13

4.1.2 MEASUREMENT INSTRUMENTS LIST 14

4.1.3 TEST PROCEDURE 15

4.1.4 DEVIATION FROM TEST STANDARD 16

4.1.5 TEST SETUP 16

4.1.6 EUT OPERATING CONDITIONS 16

4.1.7 TEST RESULTS-BETWEEN 30MHz – 1000MHz 17

4.1.8 TEST RESULTS-ABOVE 1000MHz 19

4.1.9 TEST RESULTS-RESTRICTED BANDS REQUIREMENTS 31

5 . BANDWIDTH TEST 37

5.1 APPLIED PROCEDURES / LIMIT 37

5.1.1 MEASUREMENT INSTRUMENTS LIST 37

5.1.2 TEST PROCEDURE 37

5.1.3 DEVIATION FROM STANDARD 37

5.1.4 TEST SETUP 37

5.1.5 EUT OPERATION CONDITIONS 37

5.1.6 TEST RESULTS 38

6 . PEAK OUTPUT POWER TEST 40

6.1 APPLIED PROCEDURES / LIMIT 40

6.1.1 MEASUREMENT INSTRUMENTS LIST 40

6.1.2 TEST PROCEDURE 40

6.1.3 DEVIATION FROM STANDARD 40

6.1.4 TEST SETUP 40

6.1.5 EUT OPERATION CONDITIONS 40

6.1.6 TEST RESULTS 41

## Table of Contents Page


7 . ANTENNA CONDUCTED SPURIOUS EMISSION 42
7.1 APPLIED PROCEDURES / LIMIT 42
7.1.1 MEASUREMENT INSTRUMENTS LIST 42
7.1.2 TEST PROCEDURE 42
7.1.3 DEVIATION FROM STANDARD 42
7.1.4 TEST SETUP 42
7.1.5 EUT OPERATION CONDITIONS 42
7.1.6 TEST RESULTS 43
8 . POWER SPECTRAL DENSITY TEST 47
8.1 APPLIED PROCEDURES / LIMIT 47
8.1.1 MEASUREMENT INSTRUMENTS LIST 47
8.1.2 TEST PROCEDURE 47
8.1.3 DEVIATION FROM STANDARD 47
8.1.4 TEST SETUP 47
8.1.5 EUT OPERATION CONDITIONS 47
8.1.6 TEST RESULTS 48
9 . RF EXPOSURE TEST 50
9.1 APPLIED PROCEDURES / LIMIT 50
9.1.1 MEASUREMENT INSTRUMENTS LIST 50
9.1.2 MPE CALCULATION METHOD & TEST RESULTS 50
10 . EUT TEST PHOTO 51

## 1. CERTIFICATION

Equipment : 2.4G RF Mouse
Brand Name : A4TECH
Model Name : G7-310D; G7-310N; 8300F; GK3100
Applicant : A-FOUR TECH CO., LTD.
Date of Test : Mar. 07, 2012 ~ Mar. 16, 2012
Standards : FCC Part15, Subpart C: 2010(15.247) / ANCI C63.4: 2009

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FCCP-1-1202109) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP and TAF according to the ISO-17025 quality assessment standard and technical standard(s).

## 2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

| FCC Part15, Subpart C: 2010 | | | |
|---|---|---|---|
| Standard Section | Test Item | Judgment | Remark |
| **15.207** | Conducted Emission | N/A | |
| **15.247 (c)** | Antenna conducted Spurious Emission | PASS | |
| **15.247 (a)(2)** | 6dB Bandwidth | PASS | |
| **15.247 (b)** | Peak Output Power | PASS | |
| **15.247 (c)** | Radiated Spurious Emission | PASS | |
| **15.247 (d)** | Power Spectral Density | PASS | |
| **15.203** | Antenna Requirement | PASS | |
| **1.1307 1.1310 2.1091 2.1093** | RF Exposure Compliance | PASS | |

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report

## 2.1 TEST FACILITY

The test facilities used to collect the test data in this report:

**CB08:** (VCCI RN: G-91; FCC RN: 614388; FCC DN: TW1054;
IC Assigned Code: 4428C-1)
1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

## 2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y ± U**，where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**，providing a level of confidence of approximately **95**%。

The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2.

| Test Site | Method | Measurement Frequency Range | Ant. H / V | U，(dB) | NOTE |
|---|---|---|---|---|---|
| CB08 | ANSI | 30MHz ~ 200MHz | V | 3.22 | |
| | | 30MHz ~ 200MHz | H | 3.35 | |
| | | 200MHz ~ 1,000MHz | V | 3.24 | |
| | | 200MHz ~ 1,000MHz | H | 3.11 | |
| | | 1000MHz ~ 18000MHz | V | 4.05 | |
| | | 1000MHz ~ 18000MHz | H | 3.97 | |
| | | 18000MHz ~ 40000MHz | V | 4.04 | |
| | | 18000MHz ~ 40000MHz | H | 4.01 | |

Our calculated Measurement Instrumentation Uncertainty is shown in the tables above. These are our $U_{lab}$ values in CISPR 16-4-2 terminology.

Since Table 1 of CISPR 16-4-2 has values of measurement instrumentation uncertainty, called $U_{CISPR}$, as follows:

Conducted Disturbance (mains port) – 150 kHz – 30 MHz : 3.6 dB

Radiated Disturbance (electric field strength on an open area test site or alternative test site) – 30 MHz – 1000 MHz : 5.2 dB

It can be seen that our $U_{lab}$ values are smaller than $U_{CISPR}$.

# 3. GENERAL INFORMATION

## 3.1 GENERAL DESCRIPTION OF EUT

<table>
<tr><td>Equipment</td><td>2.4G RF Mouse</td></tr>
<tr><td>Brand Name</td><td>A4TECH</td></tr>
<tr><td>Model Name</td><td>G7-310D; G7-310N; 8300F; GK3100</td></tr>
<tr><td>OEM Brand/Model Name</td><td>N/A</td></tr>
<tr><td>Model Difference</td><td>All models are based on similar electrical circuit except the difference of list below:
<table>
<tr><td>Model Name</td><td>Lens Type</td></tr>
<tr><td>G7-310D</td><td>Holeless (Sealed lens, completely closed bottom, without any sensor opening)</td></tr>
<tr><td>G7-310N</td><td>V-Track (Vertical reinforced light, tiny lens hole)</td></tr>
<tr><td>8300F; GK3100</td><td>Holeless or V-Track</td></tr>
</table>
All the above models were tested, and the model: G7-310D was found to be the worst case during the pre-scanning test. This model of the worst case was used for final testing and collecting test data included in this report.</td></tr>
<tr><td>Product Description</td><td>The EUT is a 2.4G RF Mouse.
<table>
<tr><td>Operation Frequency:</td><td>2407~2473MHz</td></tr>
<tr><td>Modulation Type:</td><td>GFSK</td></tr>
<tr><td>Number Of Channel</td><td>14CH (Note 2)</td></tr>
<tr><td>Antenna Designation:</td><td>Please refer to the Note 3.</td></tr>
<tr><td>Antenna Gain(Peak)</td><td>Please refer to the Note 3.</td></tr>
<tr><td>Output Power:</td><td>-3.21 dBm (Max.)</td></tr>
</table>
Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.</td></tr>
<tr><td>Power Source</td><td>Battery supplied</td></tr>
<tr><td>Power Rating</td><td>DC 3V</td></tr>
<tr><td>Connecting I/O Port(s</td><td>Please refer to the User's Manual</td></tr>
<tr><td>Products Covered</td><td>NA</td></tr>
</table>

Note:

1. For a more detailed features description, please refer to the manufacturer’s specifications or the User's Manual.

2. Channel List:

| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---|---|---|---|---|---|
| 01 | 2407 | 06 | 2430 | 11 | 2456 |
| 02 | 2411 | 07 | 2434 | 12 | 2460 |
| 03 | 2415 | 08 | 2437 | 13 | 2468 |
| 04 | 2422 | 09 | 2445 | 14 | 2473 |
| 05 | 2426 | 10 | 2451 | | |

3. Table of Filed Antenna:

| Antenna | Brand | Model Name | Type | Connector Type | Gain (dBi) |
|---|---|---|---|---|---|
| 1 | N/A | N/A | Ant. On PCB | N/A | -5.54 |

### 3.2 DESCRIPTION OF TEST MODES

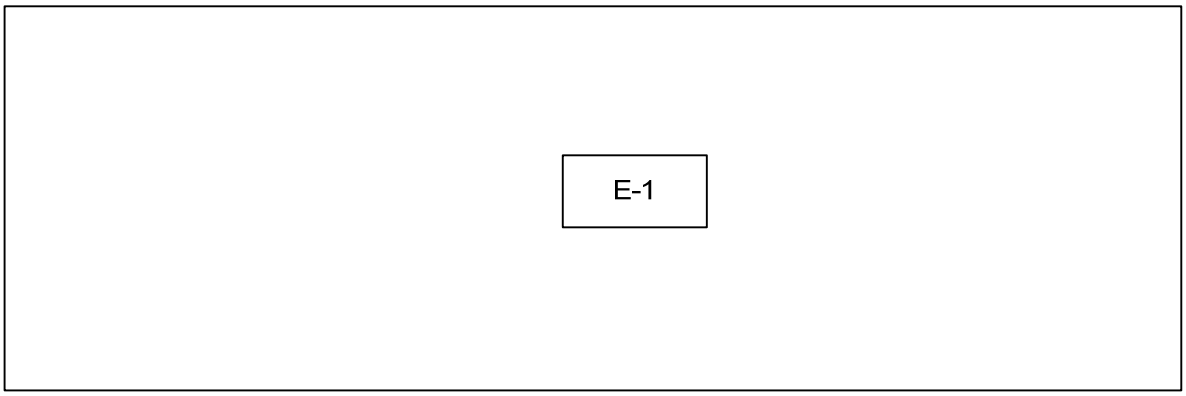
To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

| Pretest Test Mode | Description |
|---|---|
| Mode 1 | 2407MHz |
| Mode 2 | 2437MHz |
| Mode 3 | 2473MHz |

| **For Radiated Test (30 -1000MHz)** | |
|---|---|
| Final Test Mode | Description |
| Mode 2 | 2437MHz |

| **For Radiated Test (Above 1000MHz)** | |
|---|---|
| Final Test Mode | Description |
| Mode 1 | 2407MHz |
| Mode 2 | 2437MHz |
| Mode 3 | 2473MHz |

### 3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



### 3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Item | Equipment | Mfr/Brand | Model/Type No. | FCC ID | Series No. | Note |
|---|---|---|---|---|---|---|
| E-1 | 2.4G RF Mouse | A4TECH | G7-310D | H8GG7310D | N/A | EUT |

| Item | Shielded Type | Ferrite Core | Length | Note |
|---|---|---|---|---|
| N/A | - | - | - | |

Note:

(1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

# 4. EMC EMISSION TEST

## 4.1 RADIATED EMISSION MEASUREMENT

### 4.1.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on15.205(a), then the 15.209(a) limit in the table below has to be followed.

| Frequencies (MHz) | Field Strength (micorvolts/meter) | Measurement Distance (meters) |
|---|---|---|
| 0.009~0.490 | 2400/F(KHz) | 300 |
| 0.490~1.705 | 24000/F(KHz) | 30 |
| 1.705~30.0 | 30 | 30 |
| 30~88 | 100 | 3 |
| 88~216 | 150 | 3 |
| 216~960 | 200 | 3 |
| Above 960 | 500 | 3 |

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

| FREQUENCY (MHz) | Class B (dBuV/m) (at 3m) | |
|---|---|---|
| | PEAK | AVERAGE |
| Above 1000 | 74 | 54 |

Notes:

(1) The limit for radiated test was performed according to FCC PART 15C.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain(if use)
Margin Level = Measurement Value – Limit Value

### 4.1.2 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|---|---|---|---|---|---|
| 1 | Spectrum Analyzer | R&S | FSP-40 | 100129 | Oct. 06, 2012 |
| 2 | Horn Antenna | Schwarzbeck | BBHA 9120 | D-325 | Dec. 15, 2012 |
| 3 | Microwave Pre_amplifier | Agilent | 8449B | 3008A01714 | Apr. 18, 2012 |
| 4 | Microflex Cable | N/A | N/A | 1m | May. 18, 2012 |
| 5 | Microflex Cable | AISI | S104-SMAP-1 | 10m | Aug. 21, 2012 |
| 6 | Microflex Cable | N/A | N/A | 3m | Aug. 21, 2012 |
| 7 | Test Cable | N/A | LMR-400 | 966_12m | Jun. 16, 2012 |
| 8 | Test Cable | N/A | LMR-400 | 966_3m | Jun. 16, 2012 |
| 9 | Pre-Amplifier | EMC | EMC-330 | 980001 | Jun. 02, 2012 |
| 10 | Log-Bicon Antenna | Schwarzbeck | VULB9168-352 | 9168-352 | Jun. 20, 2012 |

Remark: ” N/A” denotes No Model Name / Serial No. and No Calibration specified.

### 4.1.3 TEST PROCEDURE

a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m or 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting radiated emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.
g. A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
h. EUT Orthogonal Axis：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand
i. During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

**NOTE: (30-1000MHz)**

a. Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode with Detector BW=120 kHz; SPA setting in RBW=120 kHz, VBW =120 kHz, Swp. Time = 0.3 sec./ MHz.
b. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.

**NOTE: (Above 1000MHz)**

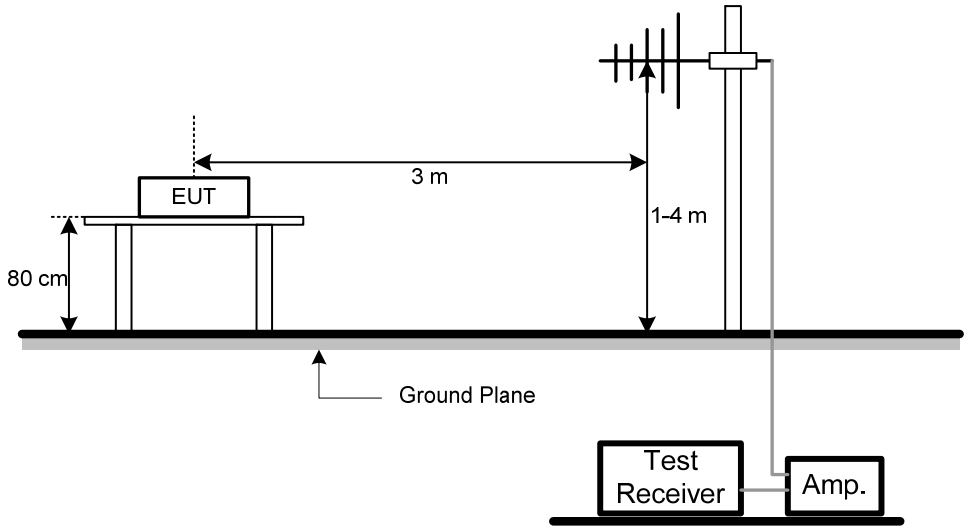
a. Reading in which marked as Peak means measurements by using are Peak Mode with instrument setting in RBW= 1 MHz, VBW= 1 MHz, Swp. Time = Auto.
Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW= 1 MHz, VBW= 10 Hz, Swp. Time = Auto.
b. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform.

### 4.1.4 DEVIATION FROM TEST STANDARD

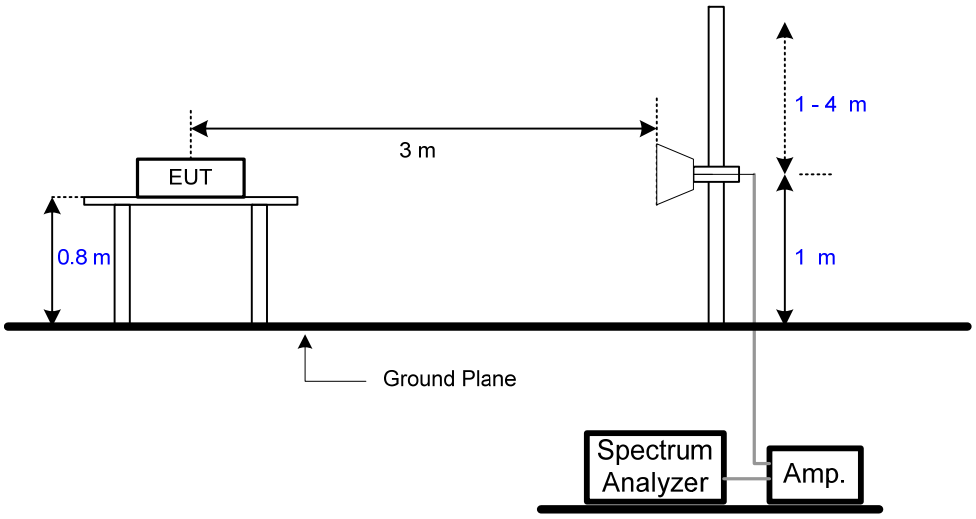
No deviation

### 4.1.5 TEST SETUP

**Radiated Emission Test Set-Up Frequency 30 - 1000MHz**




**Radiated Emission Test Set-Up Frequency Above 1 GHz**



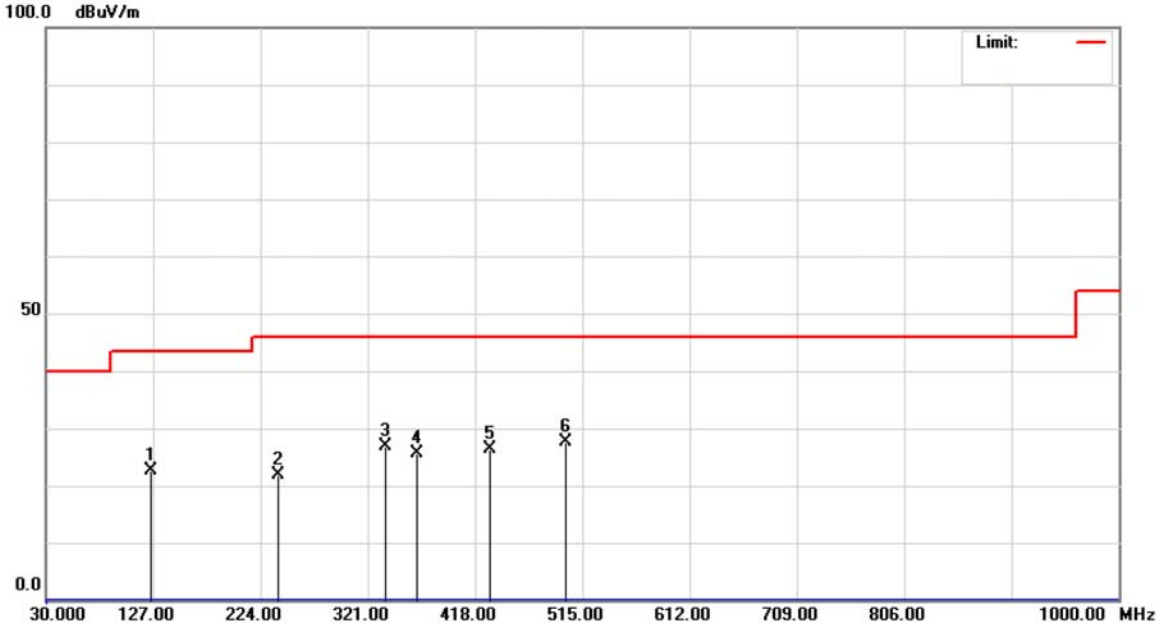

### 4.1.6 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test.This operation condition was tested and used to collect the included data.

### 4.1.7 TEST RESULTS-BETWEEN 30MHz – 1000MHz

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | 2437MHz | | |

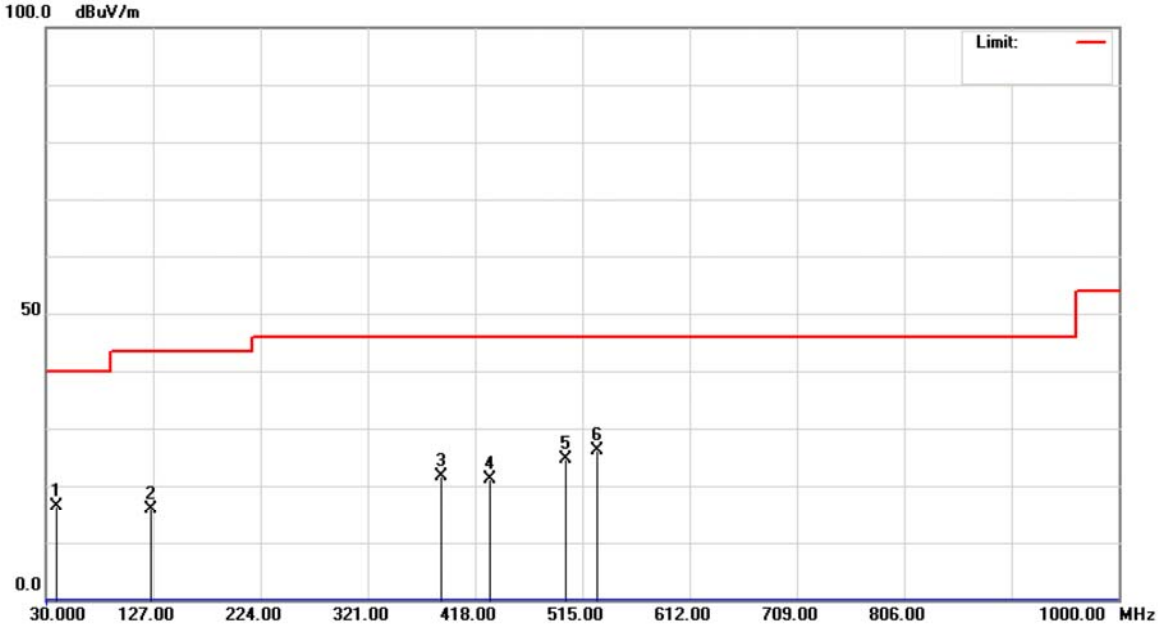
**Polarization: Vertical**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 125.0599 | 37.42 | -14.79 | 22.63 | 43.50 | -20.87 | peak | |
| 2 | | 239.5200 | 36.19 | -14.42 | 21.77 | 46.00 | -24.23 | peak | |
| 3 | | 336.5199 | 38.56 | -11.69 | 26.87 | 46.00 | -19.13 | peak | |
| 4 | | 365.6199 | 36.59 | -10.95 | 25.64 | 46.00 | -20.36 | peak | |
| 5 | | 431.5799 | 35.50 | -9.23 | 26.27 | 46.00 | -19.73 | peak | |
| 6 | * | 499.4800 | 35.57 | -7.98 | 27.59 | 46.00 | -18.41 | peak | |

| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
|---|---|---|---|
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | 2437MHz | | |

**Polarization: Horizontal**

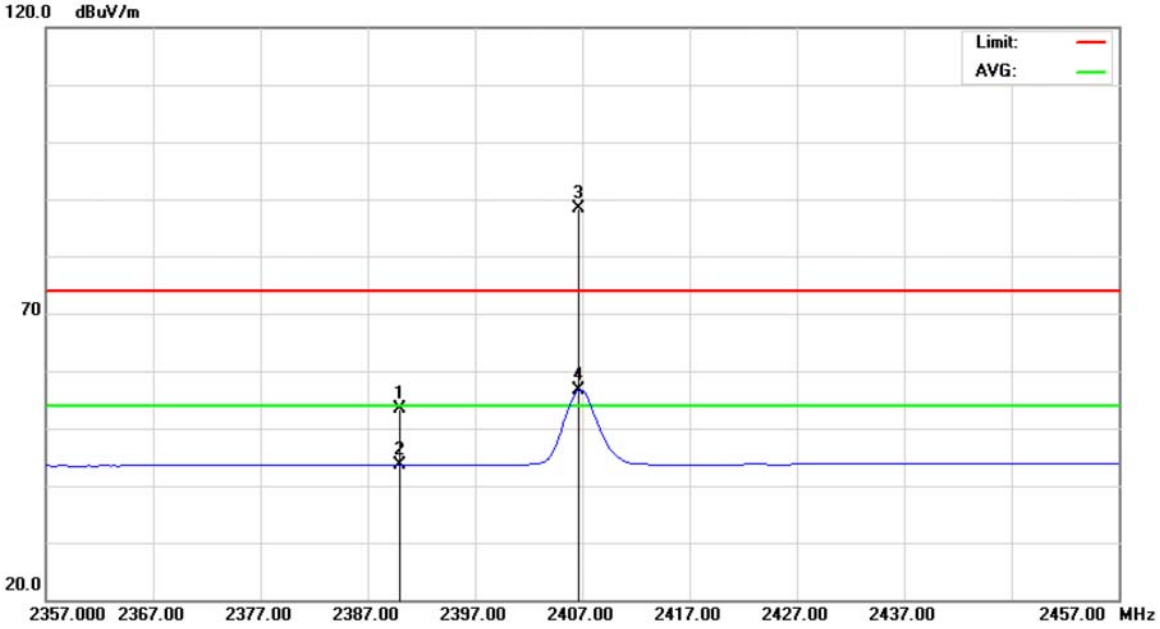



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 39.7000 | 28.75 | -12.45 | 16.30 | 40.00 | -23.70 | peak | |
| 2 | | 125.0600 | 30.61 | -14.79 | 15.82 | 43.50 | -27.68 | peak | |
| 3 | | 386.9600 | 32.03 | -10.39 | 21.64 | 46.00 | -24.36 | peak | |
| 4 | | 431.5800 | 30.39 | -9.23 | 21.16 | 46.00 | -24.84 | peak | |
| 5 | | 499.4800 | 32.62 | -7.98 | 24.64 | 46.00 | -21.36 | peak | |
| 6 | * | 528.5800 | 33.76 | -7.59 | 26.17 | 46.00 | -19.83 | peak | |

### 4.1.8 TEST RESULTS-ABOVE 1000MHz

| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
|---|---|---|---|
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage : | DC 3V | | |
| Test Mode ： | 2407MHz | | |

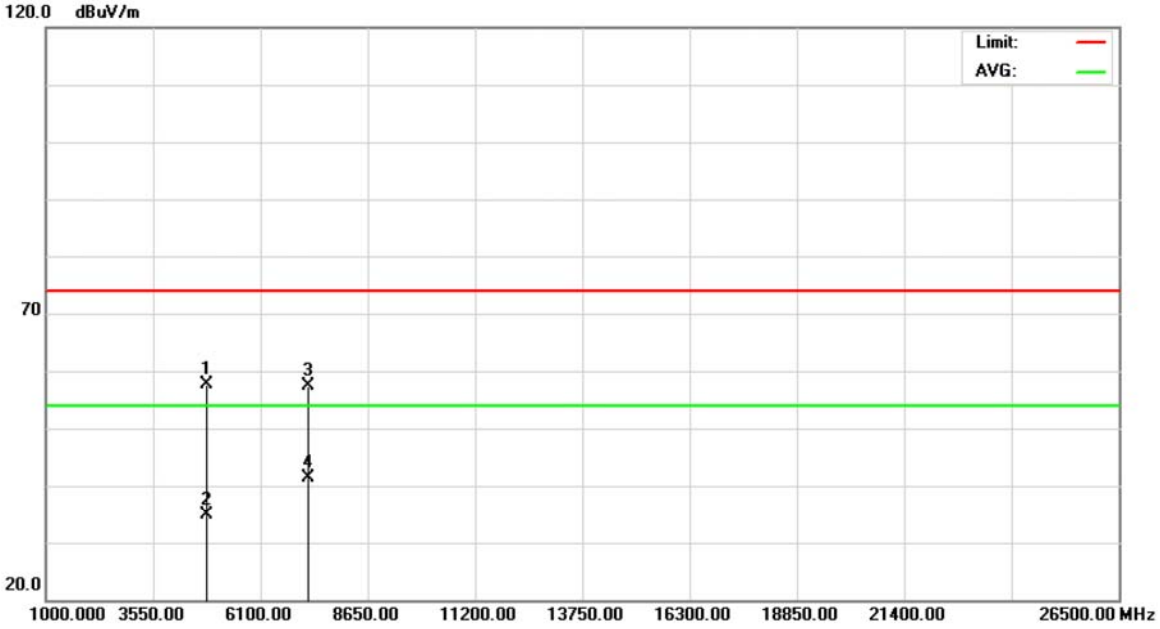
**Polarization: Vertical**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 2390.000 | 21.15 | 32.32 | 53.47 | 74.00 | -20.53 | peak | |
| 2 | | 2390.000 | 11.22 | 32.32 | 43.54 | 54.00 | -10.46 | AVG | |
| 3 | * | 2406.600 | 56.07 | 32.41 | 88.48 | 74.00 | 14.48 | peak | |
| 4 | X | 2406.600 | 24.23 | 32.41 | 56.64 | 54.00 | 2.64 | AVG | |

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | 2407MHz | | |

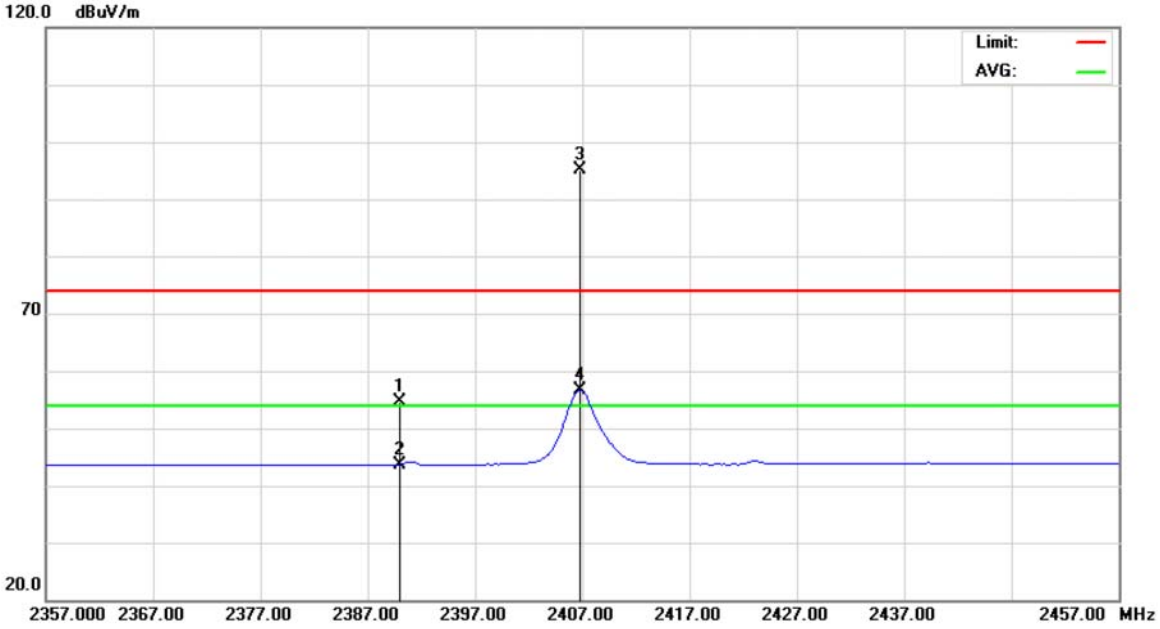
**Polarization: Vertical**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 4813.000 | 54.48 | 3.16 | 57.64 | 74.00 | -16.36 | peak | |
| 2 | | 4813.000 | 31.79 | 3.16 | 34.95 | 54.00 | -19.05 | AVG | |
| 3 | | 7221.600 | 46.98 | 10.42 | 57.40 | 74.00 | -16.60 | peak | |
| 4 | * | 7221.600 | 30.89 | 10.42 | 41.31 | 54.00 | -12.69 | AVG | |

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | 2407MHz | | |

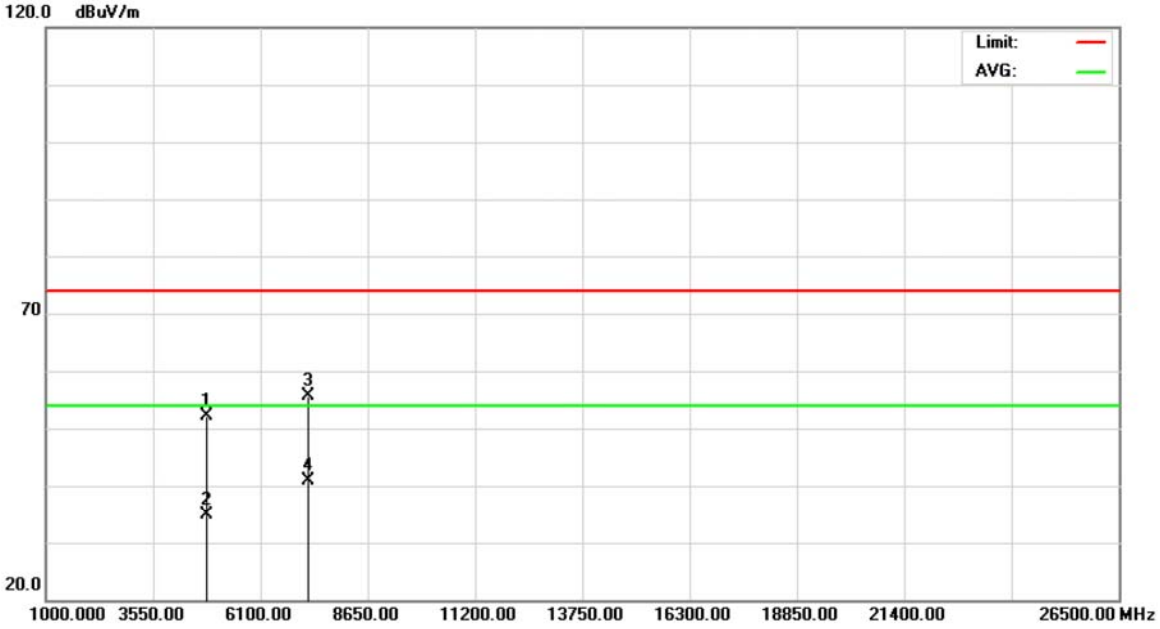
**Polarization: Horizontal**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 2390.000 | 22.38 | 32.32 | 54.70 | 74.00 | -19.30 | peak | |
| 2 | | 2390.000 | 11.32 | 32.32 | 43.64 | 54.00 | -10.36 | AVG | |
| 3 | * | 2406.800 | 62.84 | 32.41 | 95.25 | 74.00 | 21.25 | peak | |
| 4 | X | 2406.800 | 24.25 | 32.41 | 56.66 | 54.00 | 2.66 | AVG | |

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | 2407MHz | | |

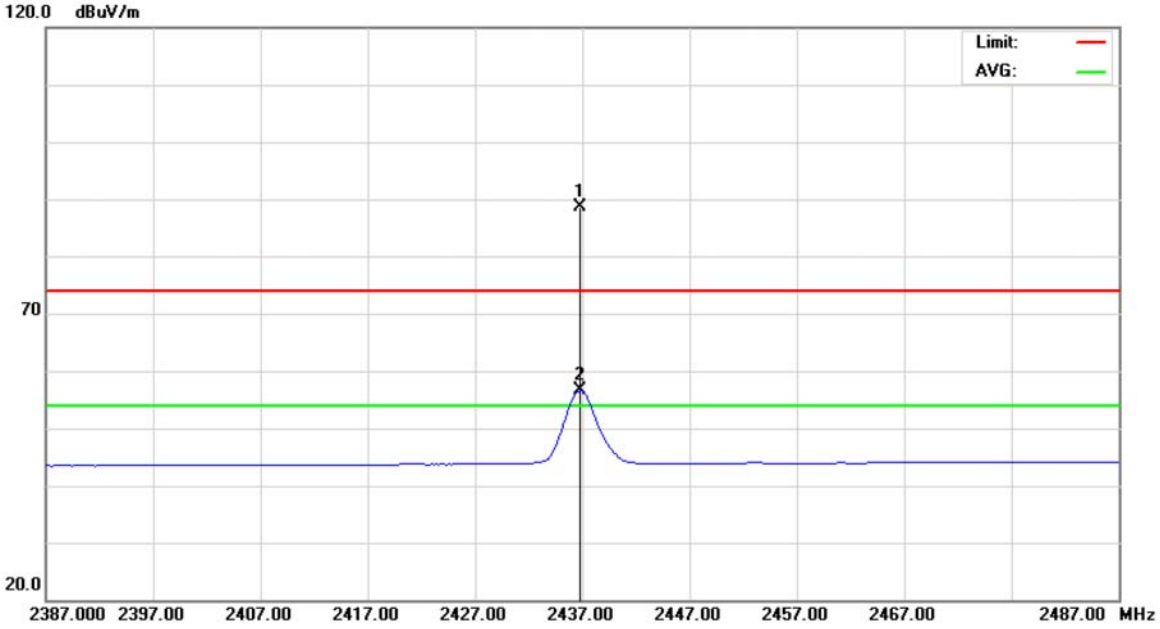
**Polarization: Horizontal**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 4812.960 | 48.90 | 3.16 | 52.06 | 74.00 | -21.94 | peak | |
| 2 | | 4812.960 | 31.72 | 3.16 | 34.88 | 54.00 | -19.12 | AVG | |
| 3 | | 7220.480 | 45.13 | 10.41 | 55.54 | 74.00 | -18.46 | peak | |
| 4 | * | 7220.480 | 30.59 | 10.41 | 41.00 | 54.00 | -13.00 | AVG | |

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | 2437MHz | | |

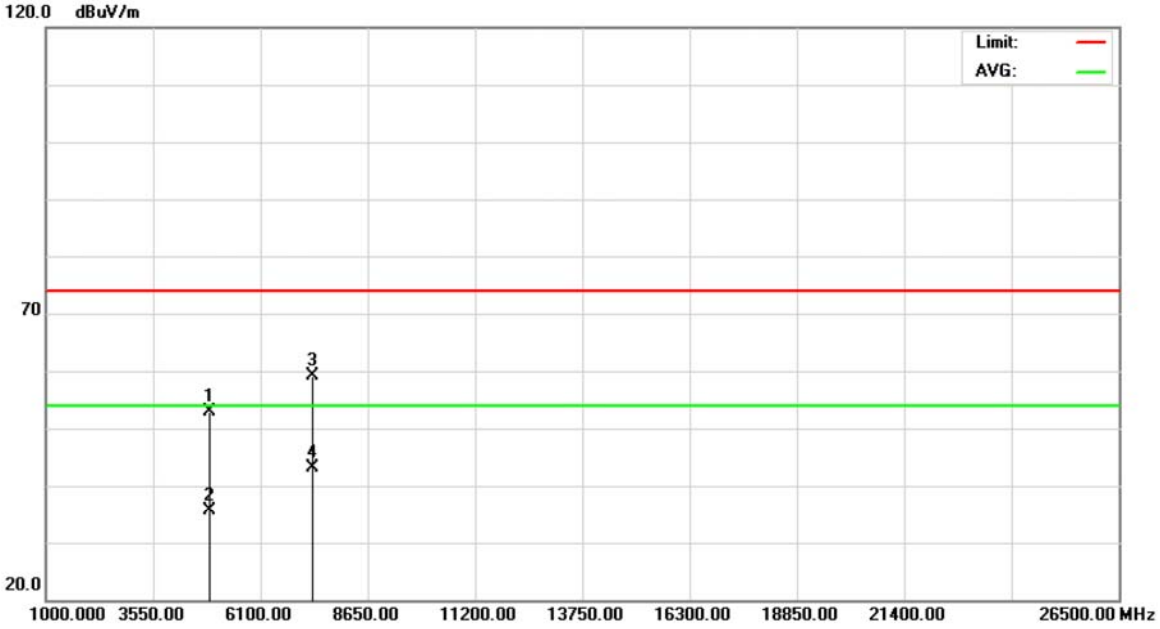
**Polarization: Vertical**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 2436.800 | 56.02 | 32.56 | 88.58 | 74.00 | 14.58 | peak | |
| 2 | X | 2436.800 | 24.02 | 32.56 | 56.58 | 54.00 | 2.58 | AVG | |

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | 2437MHz | | |

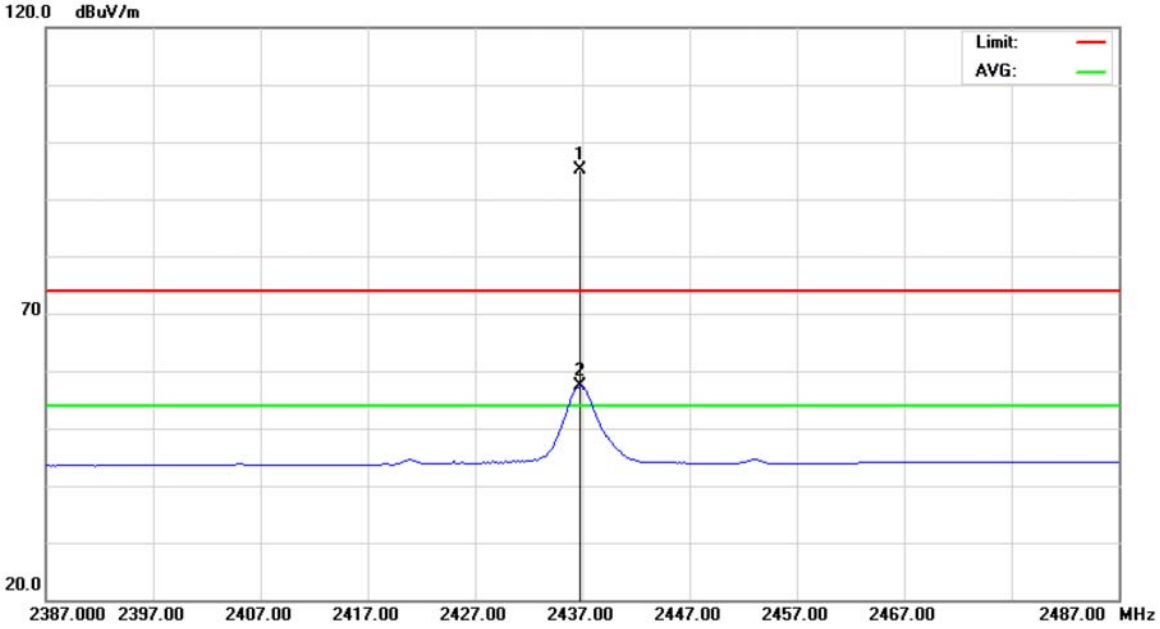
**Polarization: Vertical**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 4874.000 | 49.57 | 3.29 | 52.86 | 74.00 | -21.14 | peak | |
| 2 | | 4874.000 | 32.42 | 3.29 | 35.71 | 54.00 | -18.29 | AVG | |
| 3 | | 7311.400 | 48.57 | 10.56 | 59.13 | 74.00 | -14.87 | peak | |
| 4 | * | 7311.400 | 32.50 | 10.56 | 43.06 | 54.00 | -10.94 | AVG | |

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | 2437MHz | | |

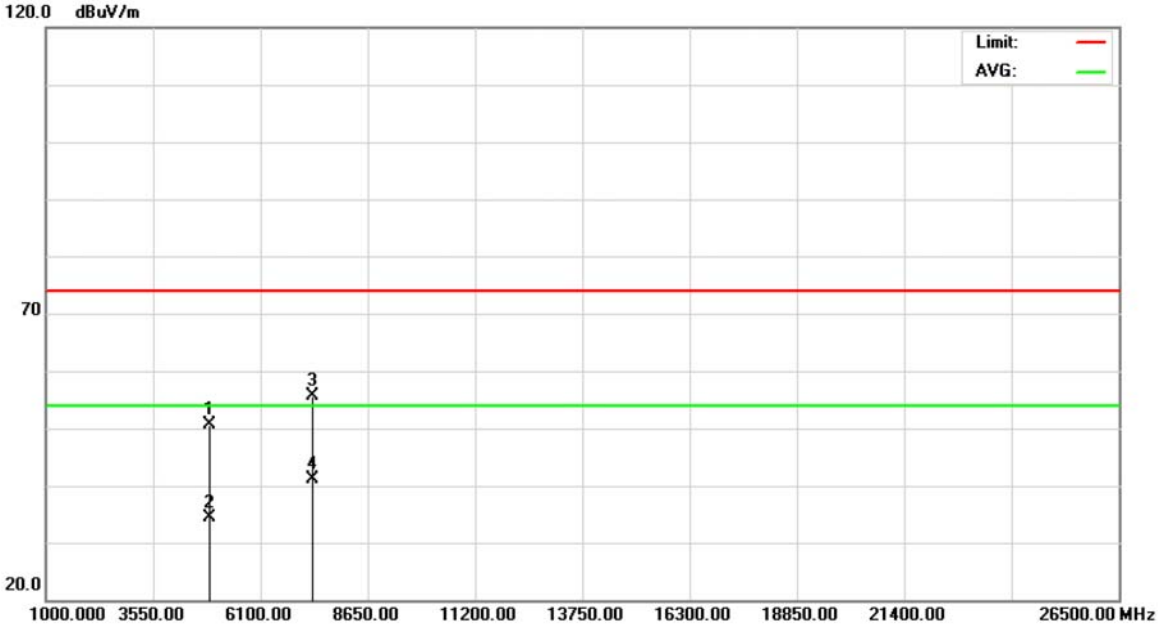
**Polarization: Horizontal**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 2436.800 | 62.65 | 32.56 | 95.21 | 74.00 | 21.21 | peak | |
| 2 | X | 2436.800 | 24.75 | 32.56 | 57.31 | 54.00 | 3.31 | AVG | |

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage : | DC 3V | | |
| Test Mode ： | 2437MHz | | |

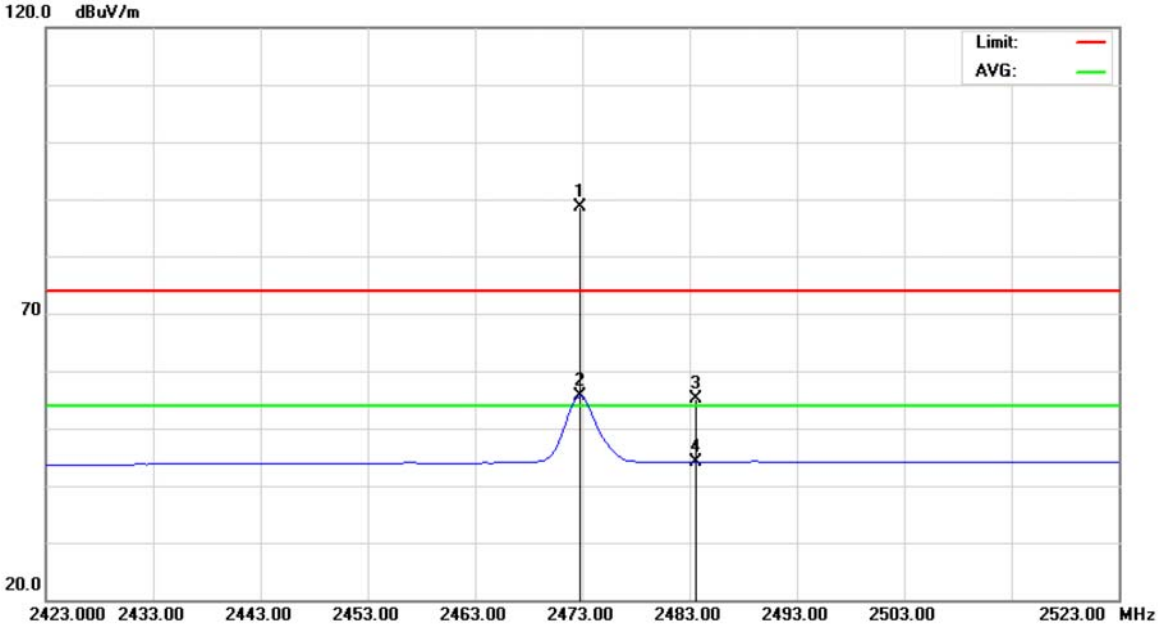
**Polarization: Horizontal**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 4873.360 | 47.42 | 3.28 | 50.70 | 74.00 | -23.30 | peak | |
| 2 | | 4873.360 | 31.20 | 3.28 | 34.48 | 54.00 | -19.52 | AVG | |
| 3 | | 7310.120 | 45.17 | 10.55 | 55.72 | 74.00 | -18.28 | peak | |
| 4 | * | 7310.120 | 30.57 | 10.55 | 41.12 | 54.00 | -12.88 | AVG | |

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | 2473MHz | | |

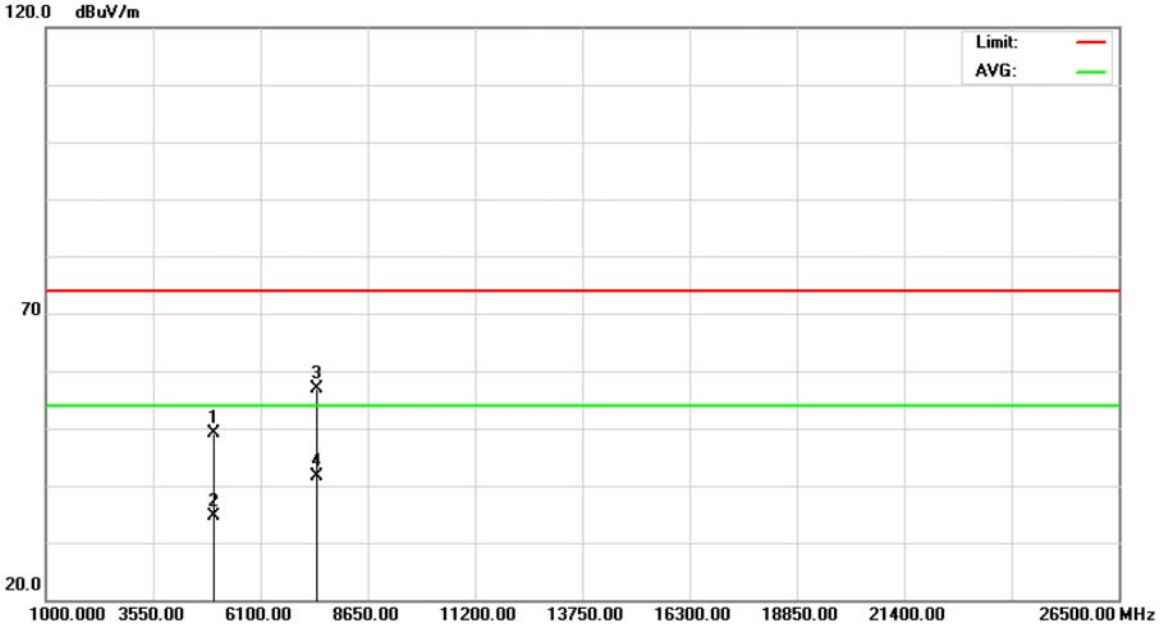
**Polarization: Vertical**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 2472.800 | 55.88 | 32.73 | 88.61 | 74.00 | 14.61 | peak | |
| 2 | X | 2472.800 | 22.80 | 32.73 | 55.53 | 54.00 | 1.53 | AVG | |
| 3 | | 2483.500 | 22.23 | 32.79 | 55.02 | 74.00 | -18.98 | peak | |
| 4 | | 2483.500 | 11.36 | 32.79 | 44.15 | 54.00 | -9.85 | AVG | |

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | 2473MHz | | |

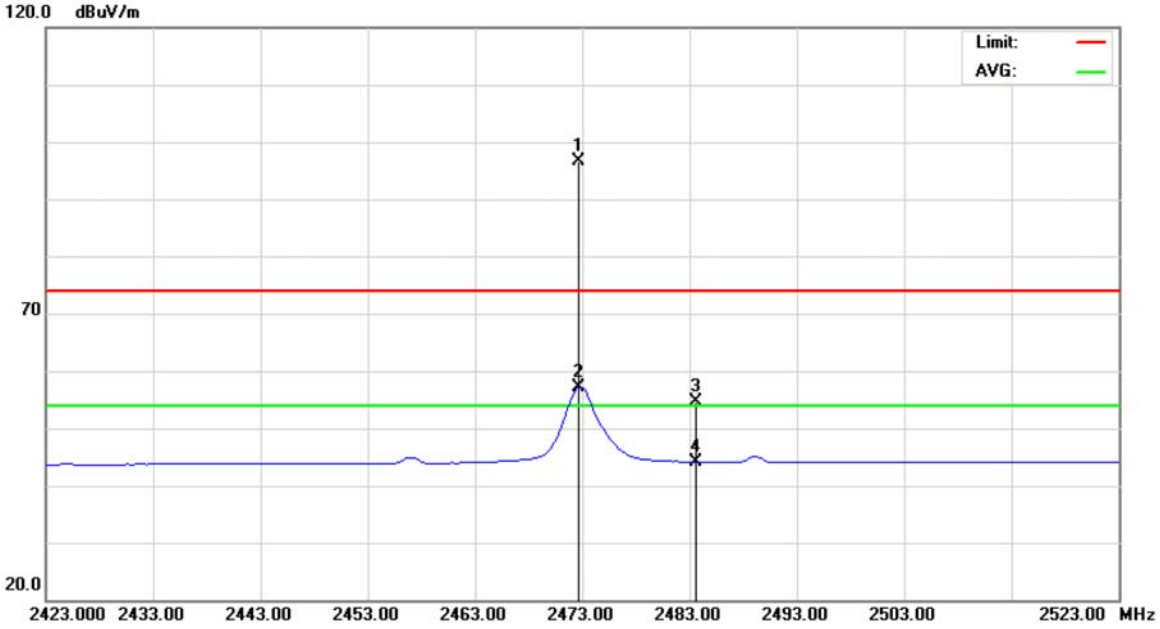
**Polarization: Vertical**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 4946.000 | 45.69 | 3.44 | 49.13 | 74.00 | -24.87 | peak | |
| 2 | | 4946.000 | 31.19 | 3.44 | 34.63 | 54.00 | -19.37 | AVG | |
| 3 | | 7418.680 | 46.18 | 10.72 | 56.90 | 74.00 | -17.10 | peak | |
| 4 | * | 7418.680 | 30.94 | 10.72 | 41.66 | 54.00 | -12.34 | AVG | |

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | 2473MHz | | |

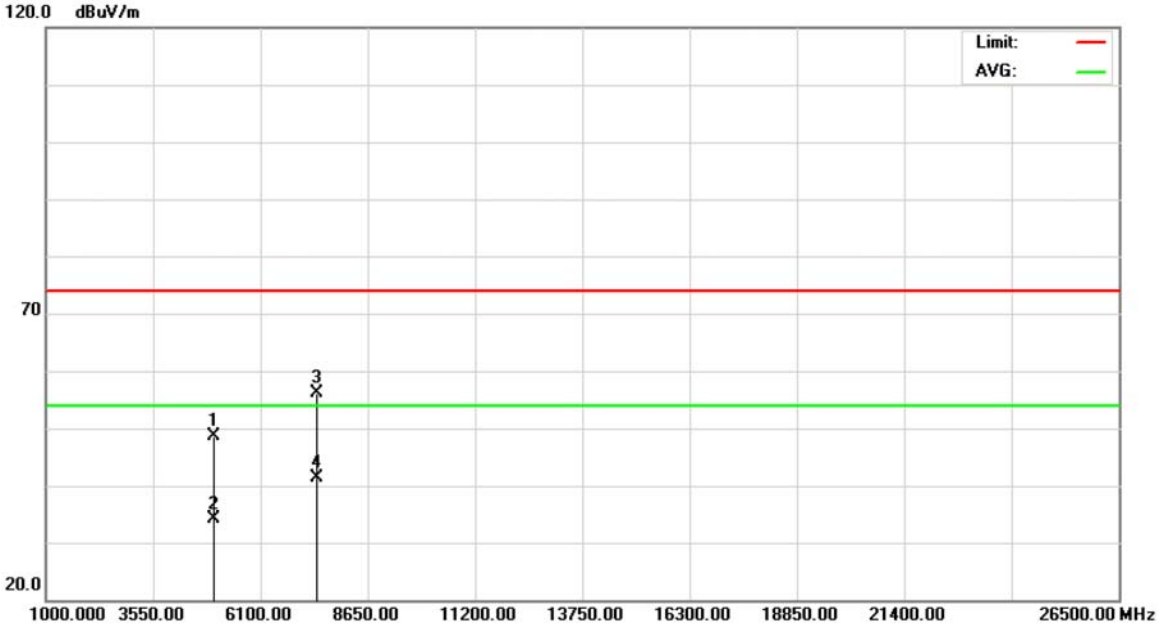
**Polarization: Horizontal**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 2472.600 | 63.83 | 32.73 | 96.56 | 74.00 | 22.56 | peak | |
| 2 | X | 2472.600 | 24.42 | 32.73 | 57.15 | 54.00 | 3.15 | AVG | |
| 3 | | 2483.500 | 21.93 | 32.79 | 54.72 | 74.00 | -19.28 | peak | |
| 4 | | 2483.500 | 11.37 | 32.79 | 44.16 | 54.00 | -9.84 | AVG | |

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | 2473MHz | | |

**Polarization: Horizontal**

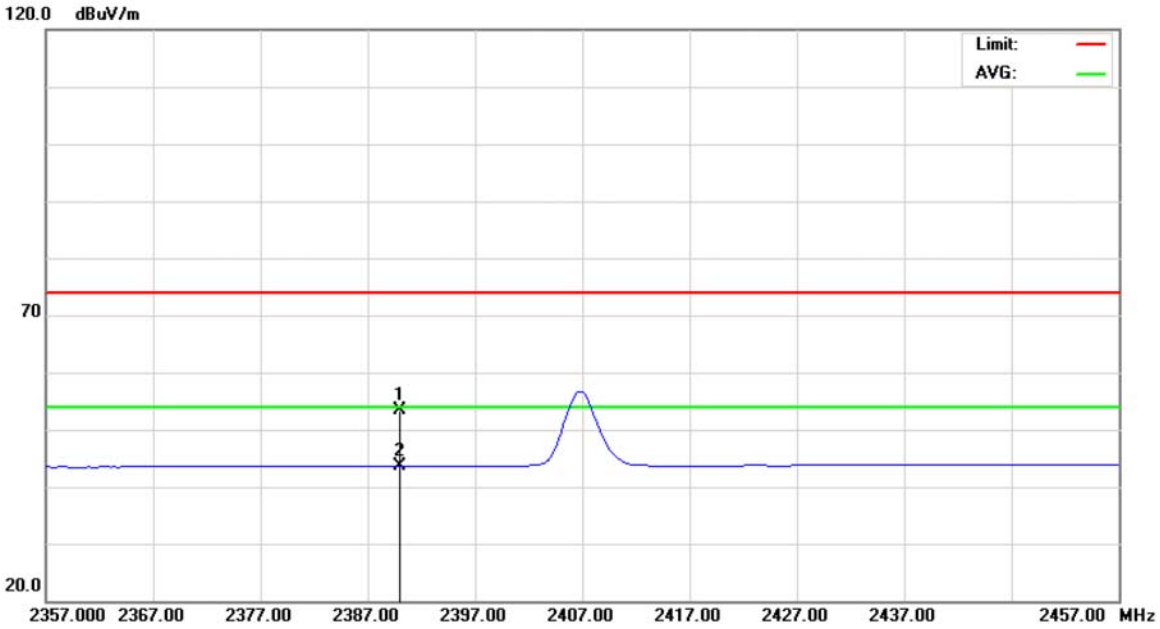



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 4945.560 | 45.25 | 3.44 | 48.69 | 74.00 | -25.31 | peak | |
| 2 | | 4945.560 | 30.59 | 3.44 | 34.03 | 54.00 | -19.97 | AVG | |
| 3 | | 7419.560 | 45.31 | 10.72 | 56.03 | 74.00 | -17.97 | peak | |
| 4 | * | 7419.560 | 30.73 | 10.72 | 41.45 | 54.00 | -12.55 | AVG | |

### 4.1.9 TEST RESULTS-RESTRICTED BANDS REQUIREMENTS

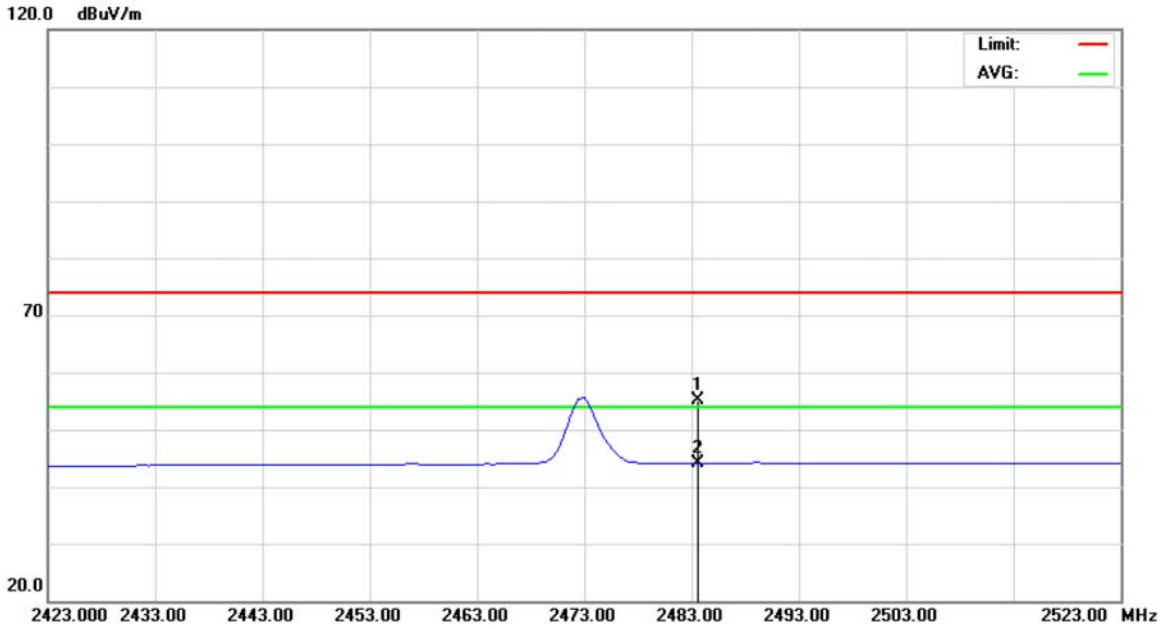
| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage： | DC 3V | | |
| Test Mode ： | TX CH 2407MHz/2473MHz(Vertical) | | |
| Note： | The emission of the carrier radiated field strength is measured for (Peak and AV) as following:<br>1. The transmitter was then configured with the worst case antenna and setup to transmit at the lowest channel (2407MHz). Then the field strength was measured at 2310-2390 MHz.<br>2. The transmitter was configured with the worst case antenna and setup to transmit at the highest channel (2473MHz). Then the field strength was measured at 2483.5-2500 MHz. | | |

**2407MHz/ Orthogonal Axes: X Polarization: Vertical**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 2390.000 | 21.15 | 32.32 | 53.47 | 74.00 | -20.53 | peak | |
| 2 | * | 2390.000 | 11.22 | 32.32 | 43.54 | 54.00 | -10.46 | AVG | |

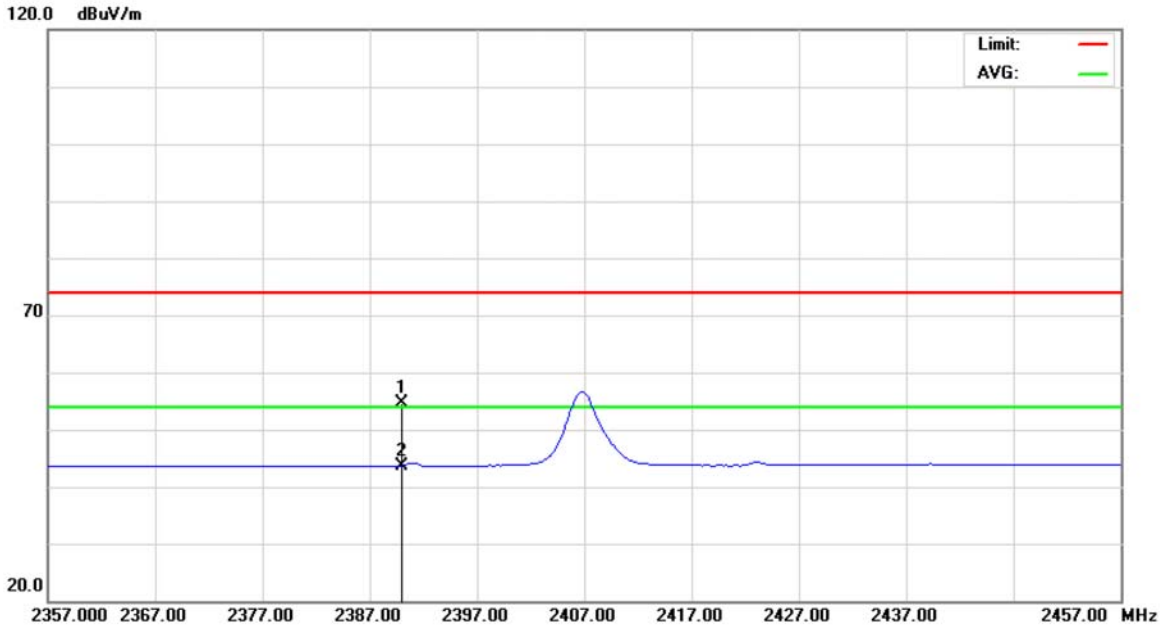
**2473MHz/ Orthogonal Axes: X Polarization: Vertical**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 2483.500 | 22.23 | 32.79 | 55.02 | 74.00 | -18.98 | peak | |
| 2 | * | 2483.500 | 11.36 | 32.79 | 44.15 | 54.00 | -9.85 | AVG | |

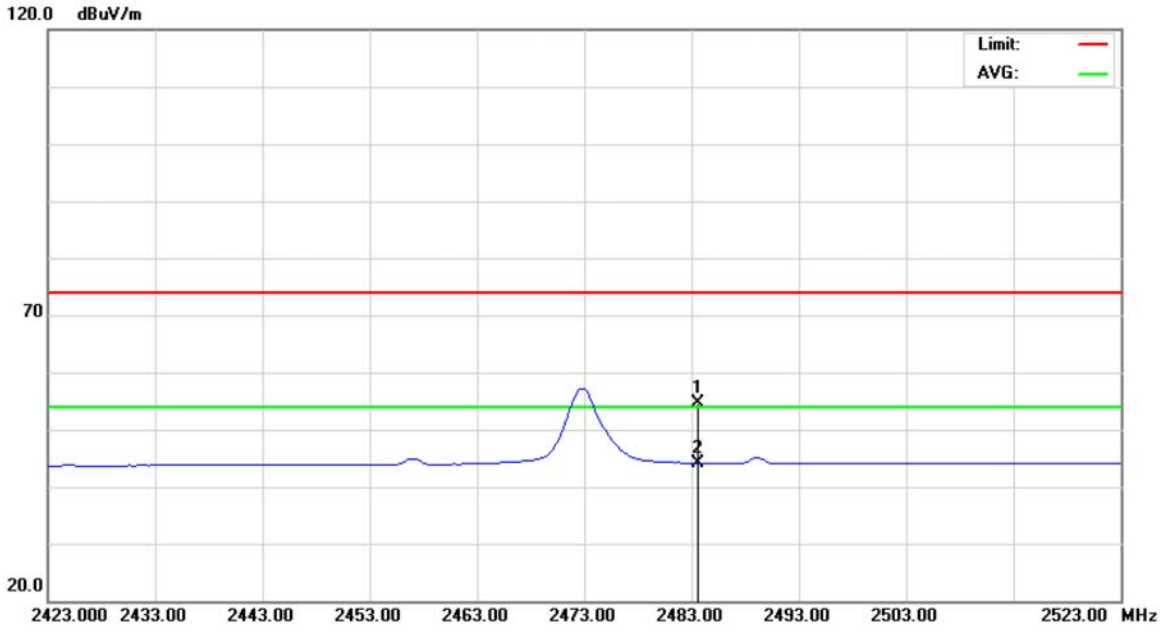
| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity： | 60% |
| Test Voltage : | DC 3V | | |
| Test Mode ： | TX CH 2407MHz/2473MHz (Horizontal) | | |
| Note： | The emission of the carrier radiated field strength is measured for (Peak and AV) as following:<br>1. The transmitter was then configured with the worst case antenna and setup to transmit at the lowest channel (2407MHz). Then the field strength was measured at 2310-2390 MHz.<br>2. The transmitter was configured with the worst case antenna and setup to transmit at the highest channel (2473MHz). Then the field strength was measured at 2483.5-2500 MHz. | | |

**2407MHz/ Orthogonal Axes: X Polarization: Horizontal**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 2390.000 | 22.38 | 32.32 | 54.70 | 74.00 | -19.30 | peak | |
| 2 | * | 2390.000 | 11.32 | 32.32 | 43.64 | 54.00 | -10.36 | AVG | |

**2473MHz/ Orthogonal Axes: X Polarization: Horizontal**




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 2483.500 | 21.93 | 32.79 | 54.72 | 74.00 | -19.28 | peak | |
| 2 | * | 2483.500 | 11.37 | 32.79 | 44.16 | 54.00 | -9.84 | AVG | |

## 5. BANDWIDTH TEST

### 5.1 APPLIED PROCEDURES / LIMIT

| FCC Part15, Subpart C: 2010 | | | |
|---|---|---|---|
| Test Item | Limit | Frequency Range (MHz) | Result |
| Bandwidth | >= 500KHz (6dB bandwidth) | 2400-2483.5 | PASS |

### 5.1.1 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|---|---|---|---|---|---|
| 1 | Spectrum Analyzer | R&S | FSP-40 | 100129 | Oct. 06, 2012 |

Remark: ” N/A” denotes No Model Name , Serial No. or No Calibration specified.

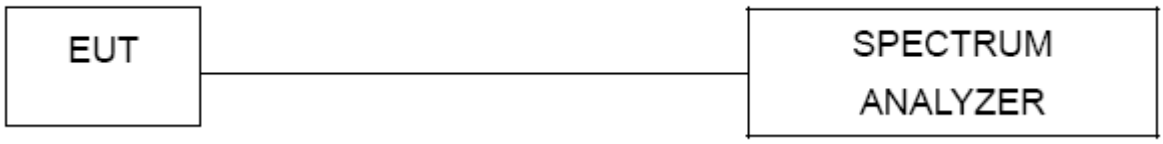
### 5.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. Spectrum Setting : RBW= 100KHz, VBW=100KHz, Sweep time = Auto.

### 5.1.3 DEVIATION FROM STANDARD

No deviation.

### 5.1.4 TEST SETUP




### 5.1.5 EUT OPERATION CONDITIONS

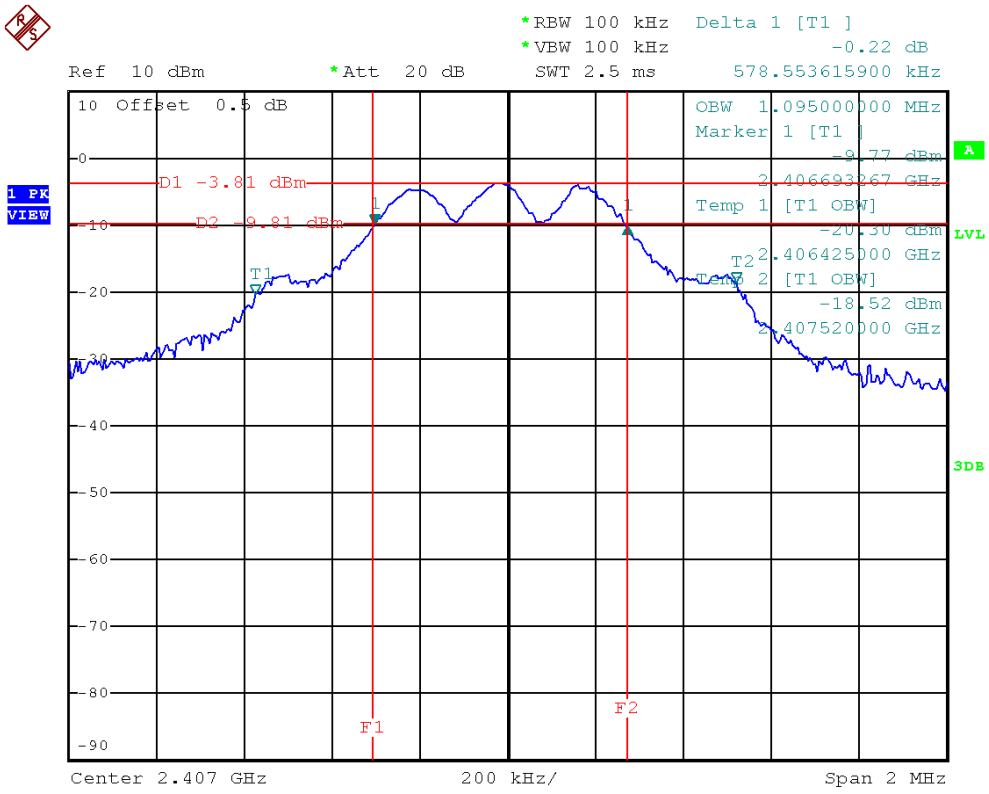
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

### 5.1.6 TEST RESULTS

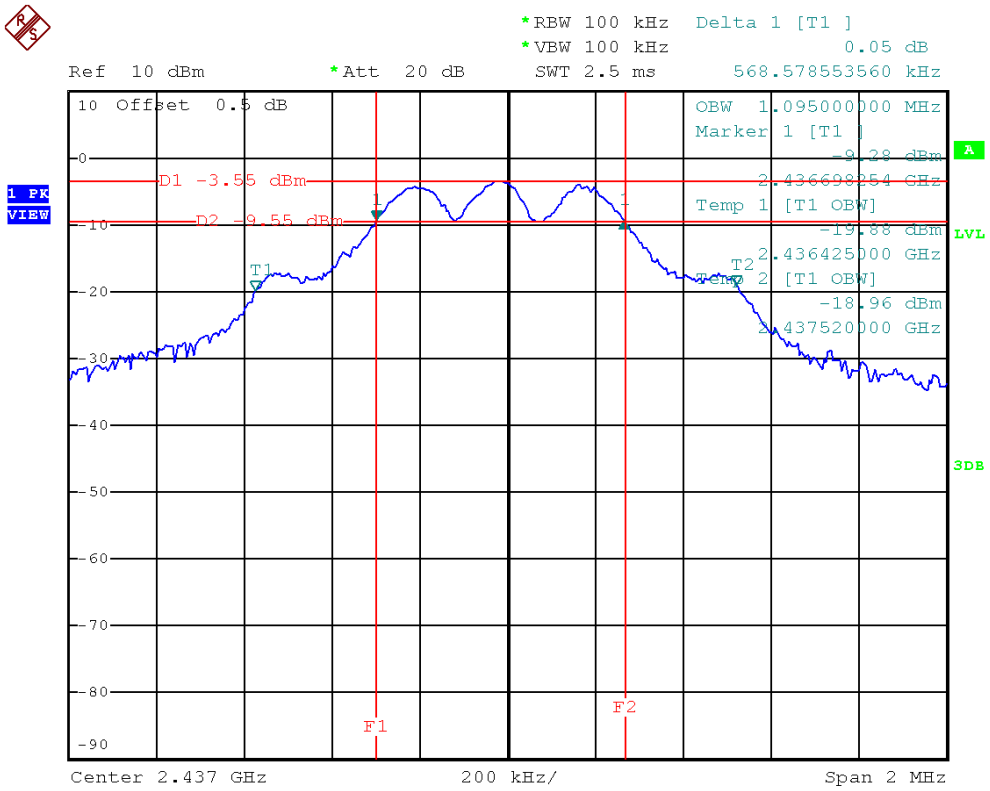
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
|---|---|---|---|
| Temperature： | 26°C | Relative Humidity : | 60% |
| Test Voltage : | DC 3V | | |
| Test Mode ： | 2407MHz/2437MHz/2473MHz | | |

| Test Channel | Frequency (MHz) | Bandwidth (MHz) | 99% Occupied BW (MHz) | LIMIT (MHz) |
|---|---|---|---|---|
| 01 | 2407 | 0.58 | 1.10 | >=500KHz |
| 08 | 2437 | 0.57 | 1.10 | >=500KHz |
| 14 | 2473 | 0.57 | 1.10 | >=500KHz |

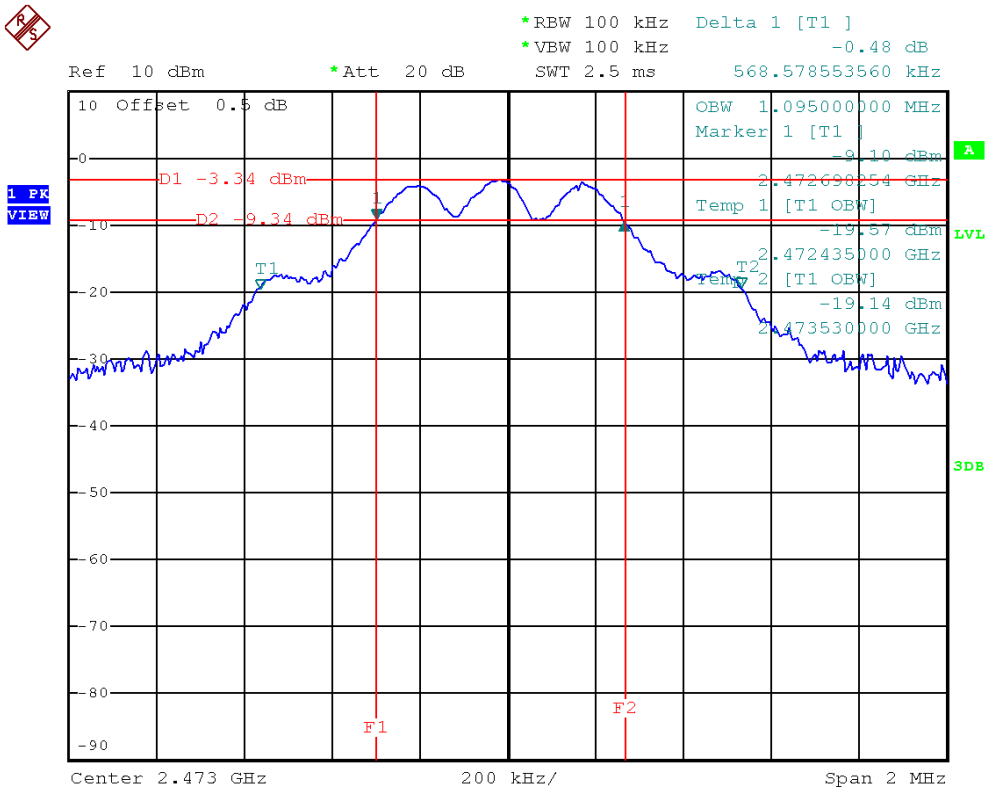
**2407MHz**



**2437MHz**




**2473MHz**



# 6. PEAK OUTPUT POWER TEST

## 6.1 APPLIED PROCEDURES / LIMIT

| FCC Part15, Subpart C: 2010 | | | |
|---|---|---|---|
| Test Item | Limit | Frequency Range (MHz) | Result |
| Peak Output Power | 1 watt or 30dBm | 2400-2483.5 | PASS |

### 6.1.1 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|---|---|---|---|---|---|
| 1 | Power Meter | Anritsu | ML2495A | 1128008 | Jul. 13, 2012 |
| 2 | Power Meter Sensor | Anritsu | MA2411B | 1126001 | Jul. 18, 2012 |

Remark: ” N/A” denotes No Model Name , Serial No. or No Calibration specified.

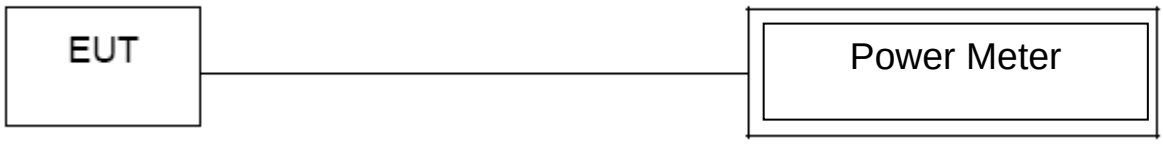
### 6.1.2 TEST PROCEDURE

The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,

### 6.1.3 DEVIATION FROM STANDARD

No deviation.

### 6.1.4 TEST SETUP




### 6.1.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

### 6.1.6 TEST RESULTS

| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 26°C | Relative Humidity : | 60% |
| Test Voltage : | DC 3V | | |
| Test Mode ： | 2407MHz/2437MHz/2473MHz | | |

| Test Channel | Frequency (MHz) | Peak Output Power (dBm) | LIMIT (dBm) | LIMIT (W) |
|---|---|---|---|---|
| 01 | 2407 | -3.26 | 30 | 1 |
| 08 | 2437 | -3.23 | 30 | 1 |
| 14 | 2473 | -3.21 | 30 | 1 |

# 7. ANTENNA CONDUCTED SPURIOUS EMISSION

## 7.1 APPLIED PROCEDURES / LIMIT

| FCC Part15, Subpart C: 2010 | | | |
|---|---|---|---|
| Test Item | Limit | Frequency Range (MHz) | Result |
| Antenna conducted Spurious Emission | 20dB less than the peak value of fundamental frequency | 30-25000 | PASS |

### 7.1.1 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|---|---|---|---|---|---|
| 1 | Spectrum Analyzer | R&S | FSP-40 | 100129 | Oct. 06, 2012 |

Remark: ” N/A” denotes No Model Name, Serial No. or No Calibration specified.

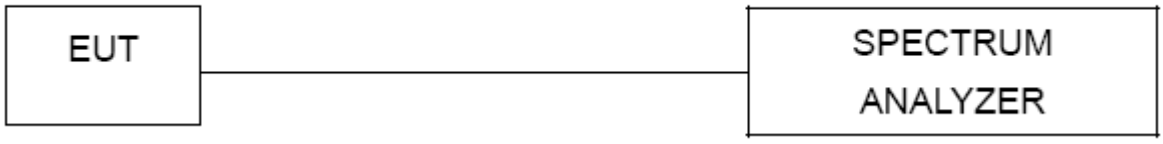
### 7.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. Spectrum Setting : RBW= 100KHz, VBW=100KHz, Sweep time = Auto.

### 7.1.3 DEVIATION FROM STANDARD

No deviation.

### 7.1.4 TEST SETUP




### 7.1.5 EUT OPERATION CONDITIONS

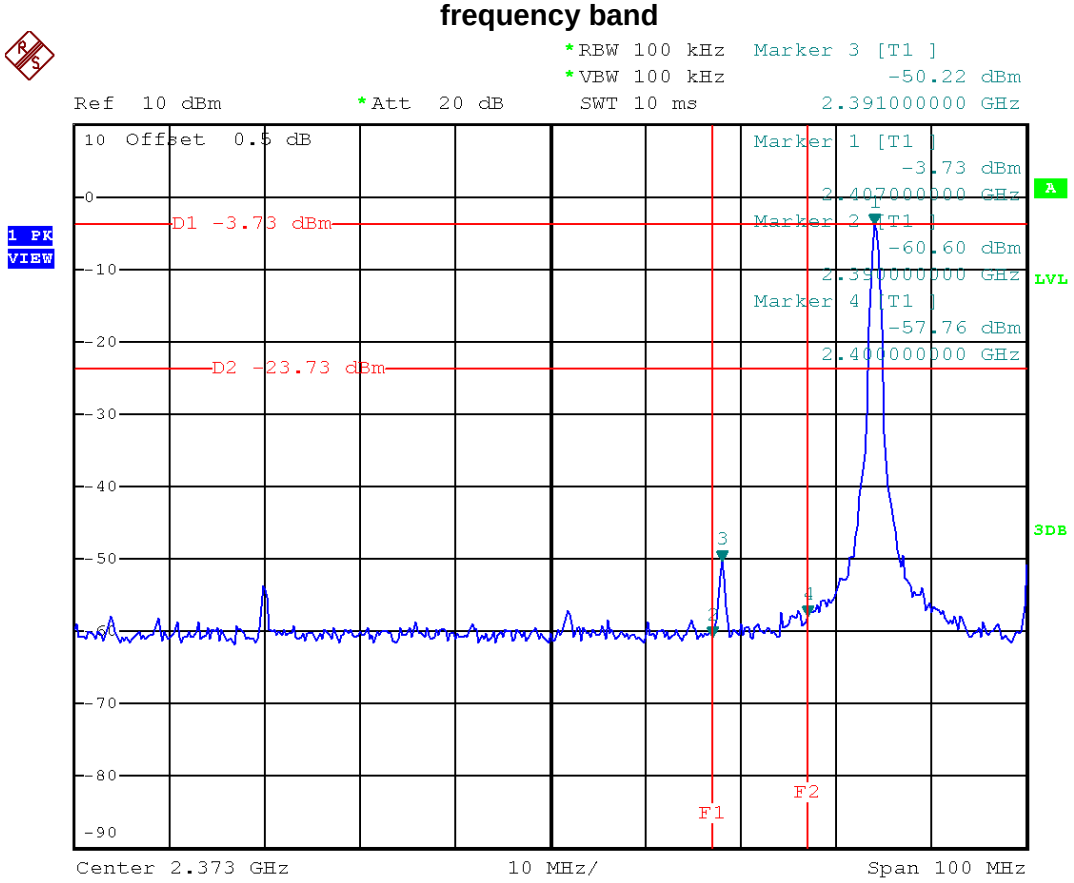
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

### 7.1.6 TEST RESULTS

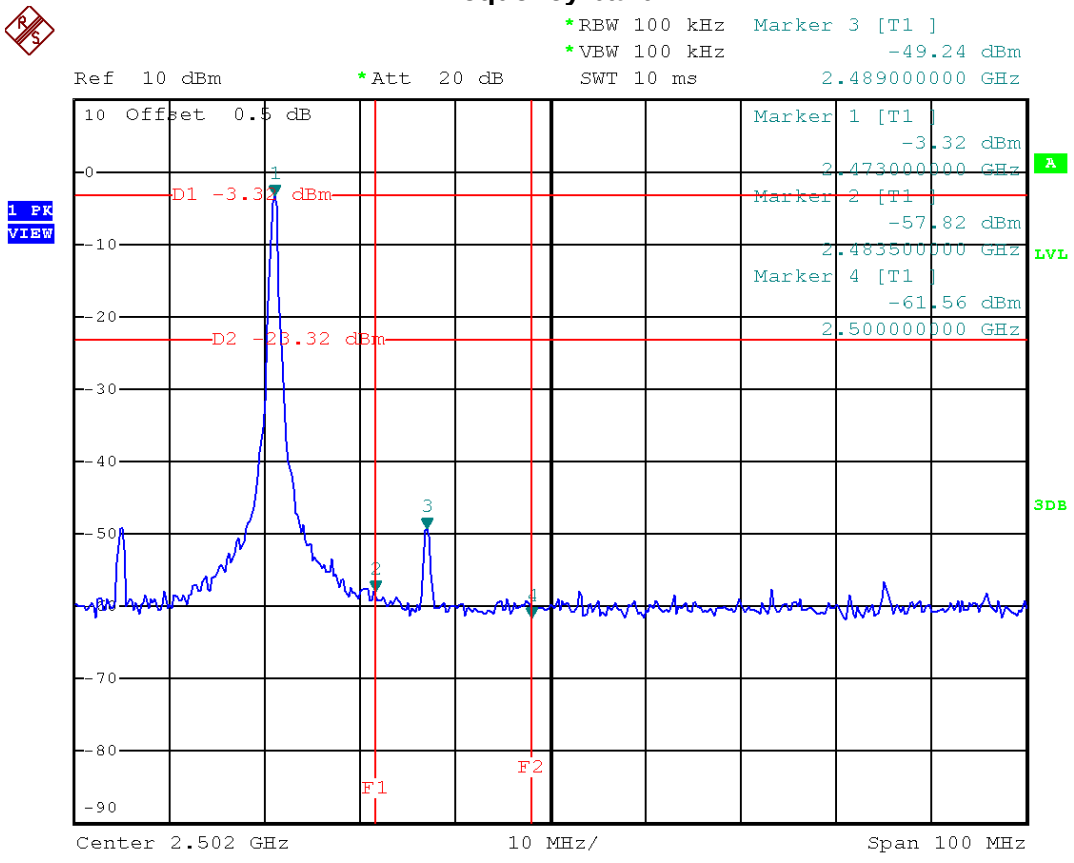
| | | | |
|---|---|---|---|
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
| Temperature： | 24°C | Relative Humidity : | 54% |
| Test Voltage : | DC 3V | | |
| Test Mode ： | 2407MHz/2473MHz | | |

| Channel of Worst Data | | | |
|---|---|---|---|
| The max. radio frequency power in any 100kHz bandwidth outside the frequency band | | The max. radio frequency power in any 100 kHz bandwidth within the frequency band. | |
| FREQUENCY(MHz) | POWER(dBm) | FREQUENCY(MHz) | POWER(dBm) |
| 2391.00 | -50.22 | 2489.00 | -49.24 |
| Result | | | |
| In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power. | | | |

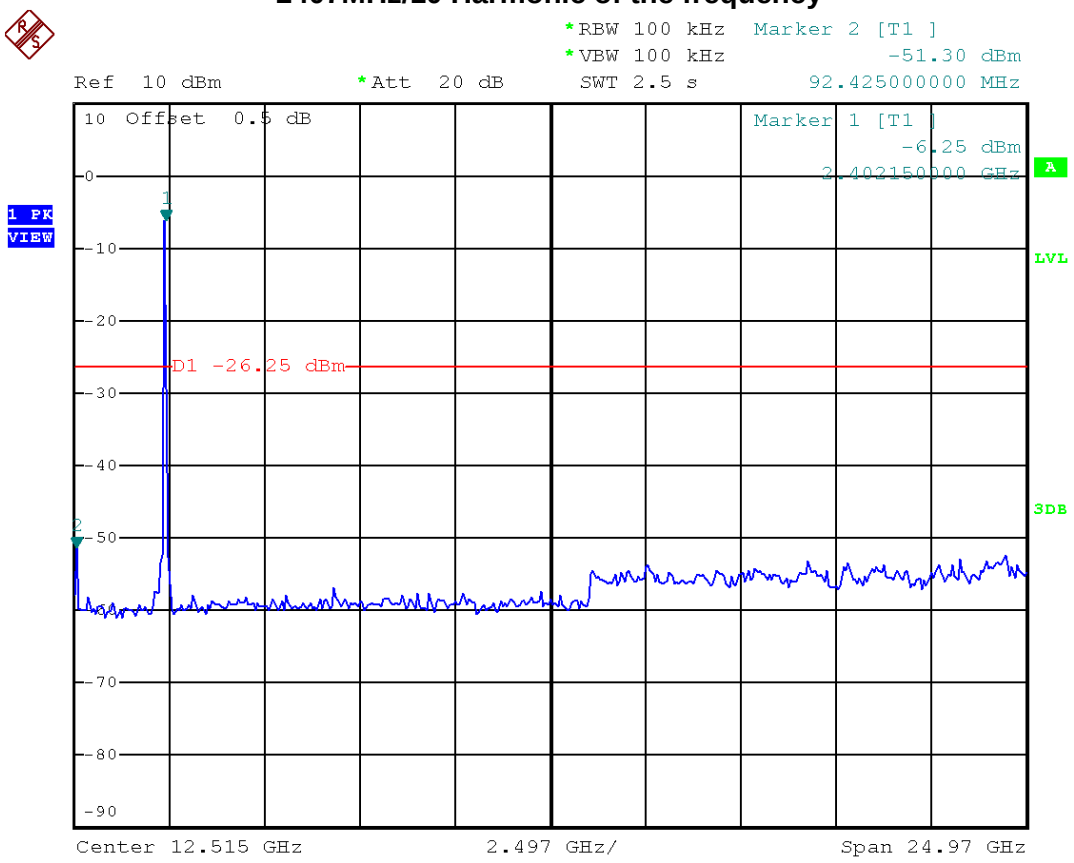
**2407MHz/The max. radio frequency power in any 100kHz bandwidth outside the frequency band**



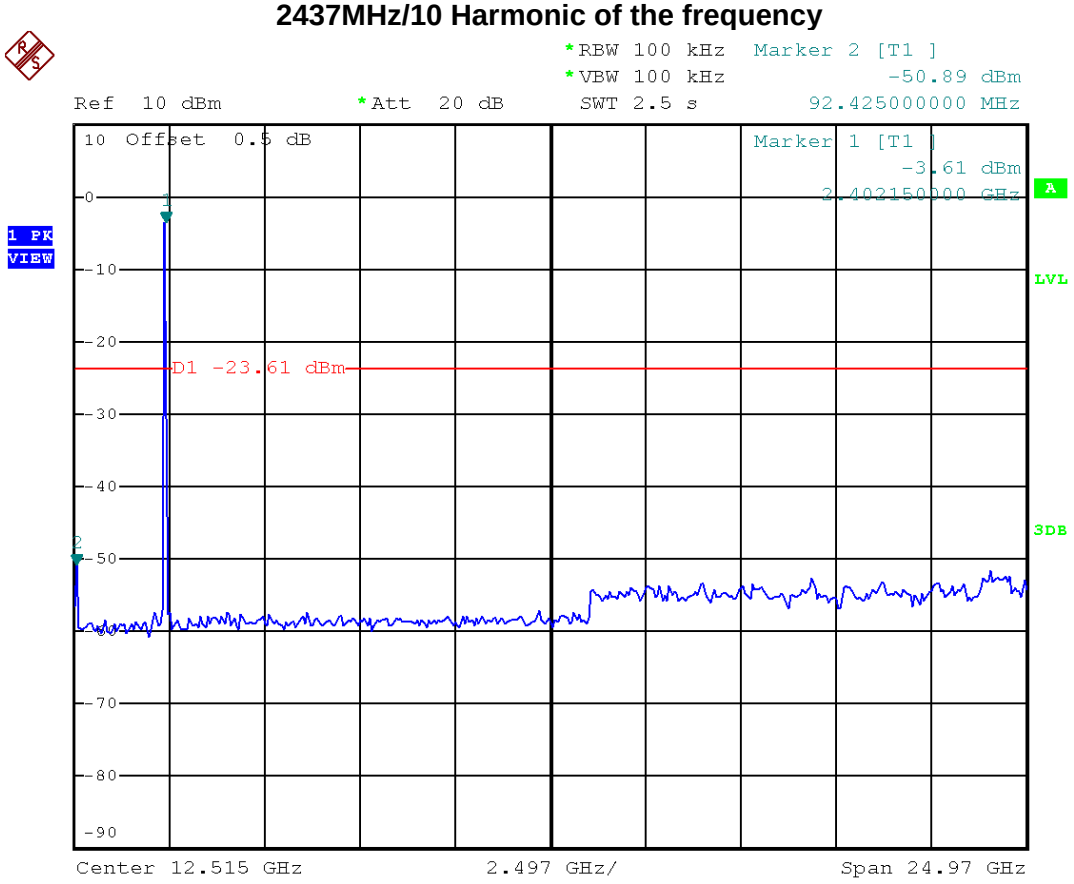

**2473MHz/The max. radio frequency power in any 100 kHz bandwidth within the frequency band**



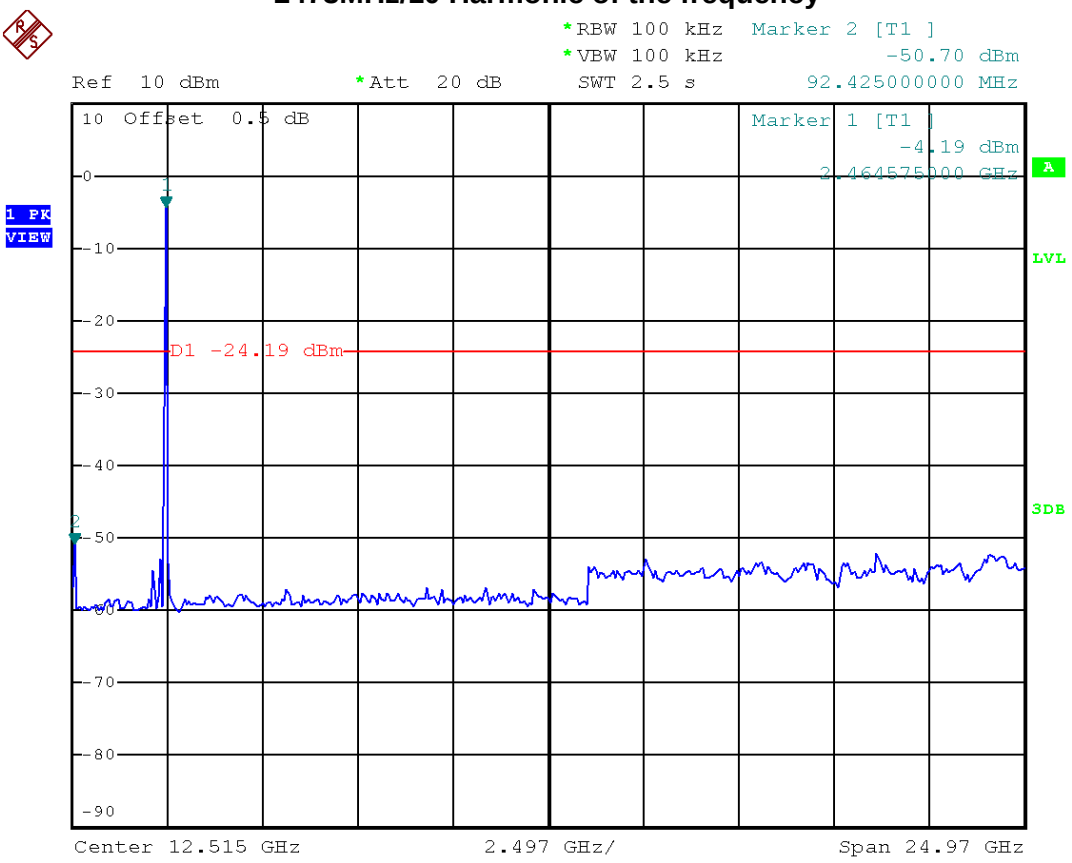
## 2407MHz/10 Harmonic of the frequency




## 2437MHz/10 Harmonic of the frequency



## 2473MHz/10 Harmonic of the frequency



# 8. POWER SPECTRAL DENSITY TEST

## 8.1 APPLIED PROCEDURES / LIMIT

| FCC Part15, Subpart C: 2010 | | | |
|---|---|---|---|
| Test Item | Limit | Frequency Range (MHz) | Result |
| Power Spectral Density | 8 dBm (in any 3KHz) | 2400-2483.5 | PASS |

### 8.1.1 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|---|---|---|---|---|---|
| 1 | Spectrum Analyzer | R&S | FSP-40 | 100129 | Oct. 06, 2012 |

Remark: ” N/A” denotes No Model Name , Serial No. or No Calibration specified.

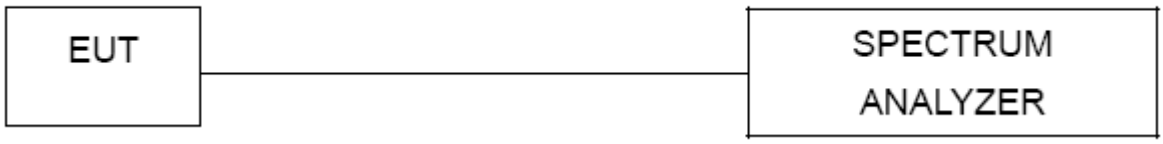
### 8.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. Spectrum Setting : RBW=3KHz, VBW=30KHz, Sweep time = 500s.

### 8.1.3 DEVIATION FROM STANDARD

No deviation.

### 8.1.4 TEST SETUP




### 8.1.5 EUT OPERATION CONDITIONS

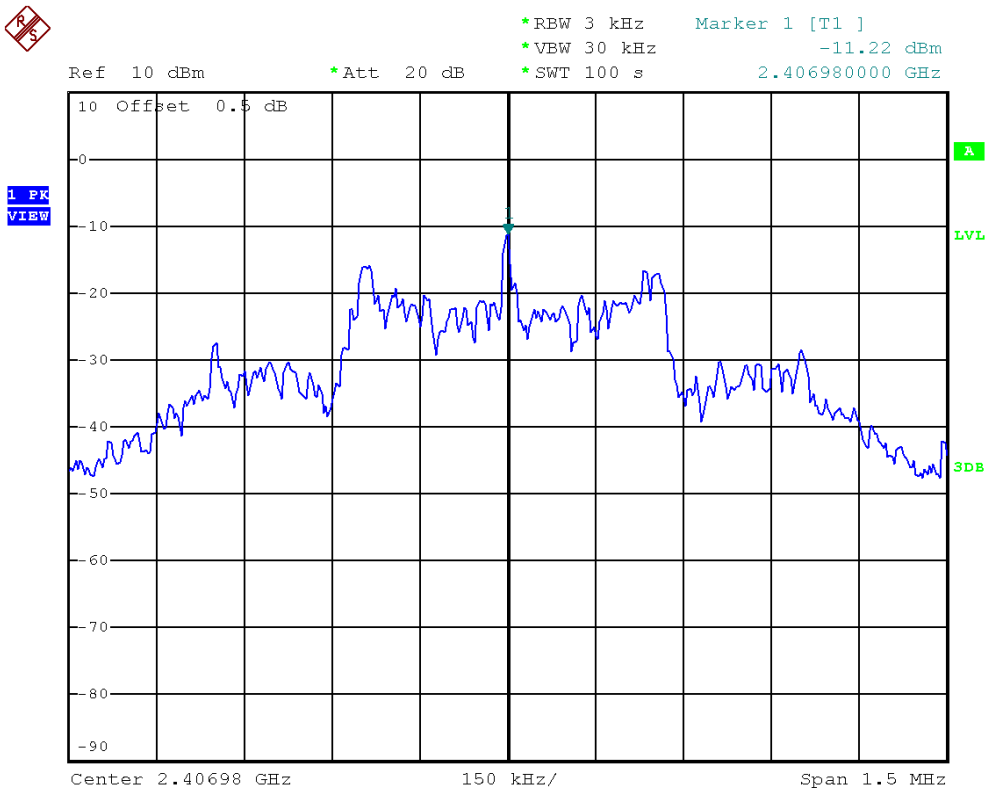
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

### 8.1.6 TEST RESULTS

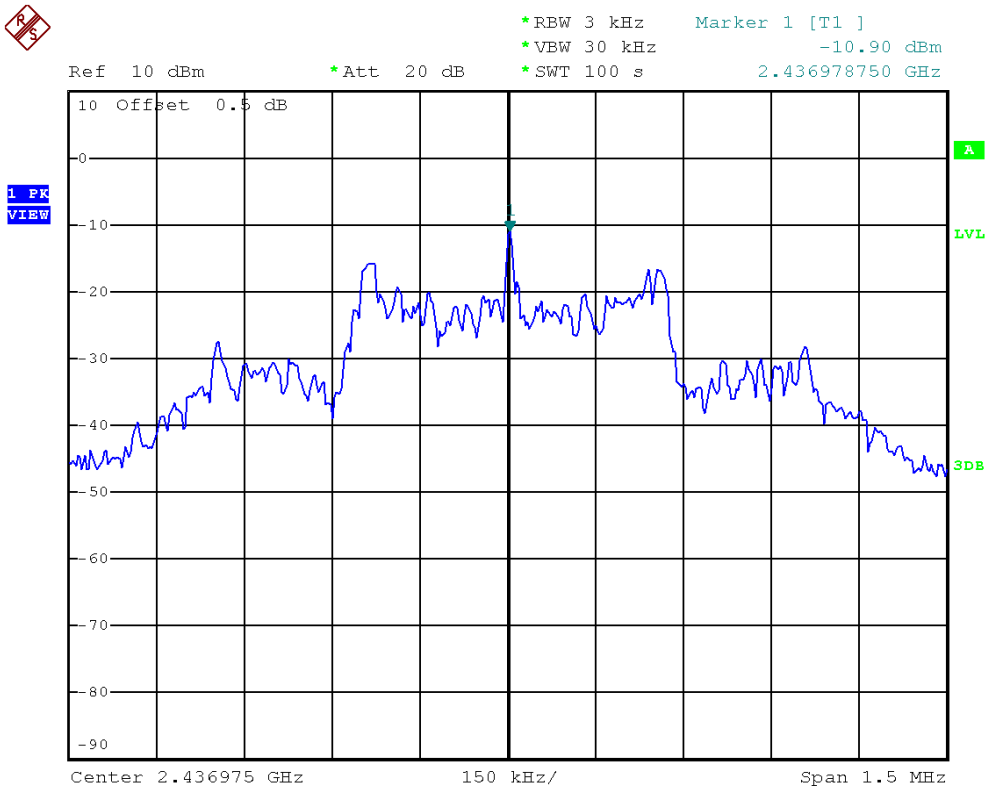
| EUT： | 2.4G RF Mouse | Model Name ： | G7-310D |
|---|---|---|---|
| Temperature： | 24˚C | Relative Humidity : | 54% |
| Test Voltage : | DC 3V | | |
| Test Mode ： | 2407MHz/2437MHz/2473MHz | | |

| Test Channel | Frequency (MHz) | Power Density (dBm) | LIMIT (dBm) |
|---|---|---|---|
| 01 | 2407 | -11.22 | 8 |
| 08 | 2437 | -10.90 | 8 |
| 14 | 2473 | -10.75 | 8 |

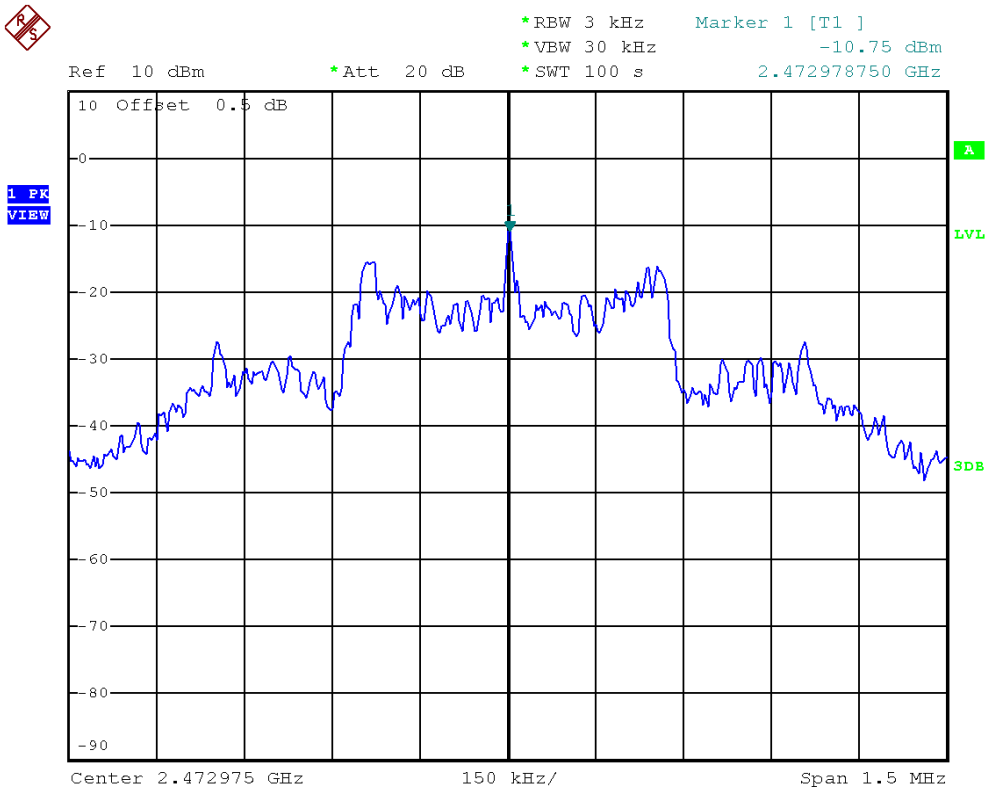
**2407MHz**



**2437MHz**




**2473MHz**



# 9. RF EXPOSURE TEST

## 9.1 APPLIED PROCEDURES / LIMIT

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess limit for maximum permissible exposure.

(A) Limits for Occupational / Controlled Exposure

| Frequency Range (MHz) | Electric Field Strength (E) (V/m) | Magnetic Field Strength (H) (A/m) | Power Density (S) (mW/ $cm^2$) | Averaging Time $\|E\|^2$,$\|H\|^2$ or S (minutes) |
|---|---|---|---|---|
| 0.3-3.0 | 614 | 1.63 | (100)* | 6 |
| 3.0-30 | 1842 / f | 4.89 / f | (900 / f)* | 6 |
| 30-300 | 61.4 | 0.163 | 1.0 | 6 |
| 300-1500 | | | F/300 | 6 |
| 1500-100,000 | | | 5 | 6 |

(B) Limits for General Population / Uncontrolled Exposure

| Frequency Range (MHz) | Electric Field Strength (E) (V/m) | Magnetic Field Strength (H) (A/m) | Power Density (S) (mW/ $cm^2$) | Averaging Time $\|E\|^2$,$\|H\|^2$ or S (minutes) |
|---|---|---|---|---|
| 0.3-1.34 | 614 | 1.63 | (100)* | 30 |
| 1.34-30 | 824/f | 2.19/f | (180/f)* | 30 |
| 30-300 | 27.5 | 0.073 | 0.2 | 30 |
| 300-1500 | | | F/1500 | 30 |
| 1500-100,000 | | | 1.0 | 30 |

Note: f = frequency in MHz ; *Plane-wave equivalent power density

### 9.1.1 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|---|---|---|---|---|---|
| 1 | Power Meter | Anritsu | ML2495A | 1128008 | Jul. 13, 2012 |
| 2 | Power Meter Sensor | Anritsu | MA2411B | 1126001 | Jul. 18, 2012 |

Remark: ” N/A” denotes No Model Name , Serial No. or No Calibration specified.

### 9.1.2 MPE CALCULATION METHOD & TEST RESULTS

The power is too low, so no RF calculations are needed.