

| <b>EMC TEST REPORT</b><br><b>FCC 47 CFR Part 15B, ISED ICES-003 Issue 7</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Report Reference No</b>                                                  | G0M-2109-1042-EF0115B-V01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Testing Laboratory</b>                                                   | Eurofins Product Service GmbH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Address</b>                                                              | Storkower Str. 38c<br>15526 Reichenwalde<br>Germany                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Accreditation</b>                                                        |     <p> A2LA - Registration number: 1983.01 (ISED)<br/> ISED wireless device testing laboratory: CN 3470A<br/> DAKKS - Registration number : D-PL-12092-01-04 (FCC)<br/> FCC Filed Test Laboratory, Reg.-No.: 96970 </p> |
| <b>Applicant</b>                                                            | Philip Morris Products S.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Address</b>                                                              | Quai Jeanrenaud 3<br>2000 Neuchâtel<br>Switzerland                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Test Specification Standard(s)</b>                                       | Title 47 CFR Part 15 Subpart B<br>ISED ICES-003 Issue 7<br>ANSI C63.4:2014+A1:2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Non-Standard Test Method</b>                                             | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Equipment under Test (EUT):</b>                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Product Description</b>                                                  | Electronic Vaping System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Model(s)</b>                                                             | B-1603                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Additional Model(s)</b>                                                  | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Brand Name(s)</b>                                                        | IQOS/VEEV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Hardware Version(s)</b>                                                  | B-1603                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Software Version(s)</b>                                                  | SFT0830                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>FCC-ID</b>                                                               | 2AS66B-1603                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>IC</b>                                                                   | 22416-B1603                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Test Result</b>                                                          | <b>PASSED</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------|
| <b>Possible test case verdicts:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                                                                                      |
| required by standard but not tested                                                                                                                                                                                                                                                                                                                                                                                                                                            | N/T                      |                                                                                      |
| not required by standard                                                                                                                                                                                                                                                                                                                                                                                                                                                       | N/R                      |                                                                                      |
| required by standard but not appl. to test object                                                                                                                                                                                                                                                                                                                                                                                                                              | N/A                      |                                                                                      |
| test object does meet the requirement                                                                                                                                                                                                                                                                                                                                                                                                                                          | P(PASS)                  |                                                                                      |
| test object does not meet the requirement                                                                                                                                                                                                                                                                                                                                                                                                                                      | F(FAIL)                  |                                                                                      |
| <b>Testing:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                                                                      |
| Date of receipt of test item                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2021-10-18               |                                                                                      |
| <b>Report:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                                                                      |
| Compiled by                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Matthias Handrik         |                                                                                      |
| Tested by (+ signature)<br>(Responsible for Test)                                                                                                                                                                                                                                                                                                                                                                                                                              | Matthias Handrik         |   |
| Approved by (+ signature)<br>(Test Technician)                                                                                                                                                                                                                                                                                                                                                                                                                                 | Andreas Pflug            |  |
| Date of Issue                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2021-11-26               |                                                                                      |
| Total number of pages                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 127                      |                                                                                      |
| <b>General Remarks:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                                                                                      |
| <p>The test results presented in this report relate only to the object tested.</p> <p>The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.</p> |                          |                                                                                      |
| <b>Additional Comments:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                                                                                      |
| <p>Additional variants have been declared by the manufacturer. The listed models were not tested, evaluated or assessed in no way.</p> <p>Test required to cover additional alternative battery (BAT0296) in the product.</p>                                                                                                                                                                                                                                                  |                          |                                                                                      |
| Additional Model 1                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Product Type Description | Electronic Vaping System                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Model Name               | M0003                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Brand Name (optional)    | IQOS/VEEV                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Hardware Version         | M0003                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Software Version         | SFT0830                                                                              |

**ABBREVIATIONS AND ACRONYMS**

| Acronyms         |                                                     |
|------------------|-----------------------------------------------------|
| Acronym          | Description                                         |
| EUT              | Equipment Under Test                                |
| FCC              | Federal Communications Commission                   |
| ISED             | Innovation, Science and Economic Development Canada |
| T <sub>NOM</sub> | Nominal operating temperature                       |
| V <sub>NOM</sub> | Nominal supply voltage                              |

## VERSION HISTORY

| Version History |            |                 |            |
|-----------------|------------|-----------------|------------|
| Version         | Issue Date | Remarks         | Revised By |
| 01              | 2021-11-26 | Initial Release | -          |

## REPORT INDEX

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## 1 Equipment (Test Item) Under Test

|                                  |                                                                                                                              |                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Description                      | Electronic Vaping System<br>EUT vaporize a liquid that containing nicotine and flavors.                                      |                                                          |
| Model                            | B-1603                                                                                                                       |                                                          |
| Additional Model(s)              | None                                                                                                                         |                                                          |
| Brand Name(s)                    | IQOS/VEEV                                                                                                                    |                                                          |
| Serial Number(s)                 | IQOS: T962 LSA GKZ 75U4 / Test Sample ID: 36734                                                                              |                                                          |
| Factory                          | Luxshare Electronic Technology(Kunshan)Co.,Ltd<br>No.158 ,Jinchang Road, Jinxi Town<br>Kunshan City, Jiangsu<br>China        |                                                          |
| Serial Number(s)                 | VEEV: TALM 1DT FWF 248R / Test Sample ID: 36737                                                                              |                                                          |
| Factory                          | Technocom Systems Sdn.Bhd<br>PL01, Jalan Firma 1, Kawasan<br>Perindustrian Tebaru 1,<br>81100 Johor Bahru, Johor<br>Malaysia |                                                          |
| Hardware Version(s)              | B-1603                                                                                                                       |                                                          |
| Software Version(s)              | SFT0830                                                                                                                      |                                                          |
| EUT Dimensions [cm]              | 7.6 x 2.3 x 1.6                                                                                                              |                                                          |
| FCC-ID                           | 2AS66B-1603                                                                                                                  |                                                          |
| IC                               | 22416-B1603                                                                                                                  |                                                          |
| HVIN                             | B-1603                                                                                                                       |                                                          |
| PMN                              | B-1603                                                                                                                       |                                                          |
| FVIN                             | N/A                                                                                                                          |                                                          |
| HMN                              | N/A                                                                                                                          |                                                          |
| Class                            | Class B                                                                                                                      |                                                          |
| Equipment type                   | Table top                                                                                                                    |                                                          |
| Highest internal frequency [MHz] | 2480                                                                                                                         |                                                          |
| Radio Module                     | Type                                                                                                                         | Bluetooth Low Energy                                     |
|                                  | Model                                                                                                                        | Unspecified                                              |
|                                  | Manufacturer                                                                                                                 | Unspecified                                              |
|                                  | FCC-ID                                                                                                                       | Unspecified                                              |
|                                  | IC                                                                                                                           | Unspecified                                              |
| Supply Voltage                   | V <sub>NOM</sub>                                                                                                             | 3.8 VDC rechargeable lithium battery<br>5 VDC (charging) |
| AC/DC-Adaptor I                  | Test Sample ID                                                                                                               | 34139                                                    |
|                                  | Model                                                                                                                        | S82A42                                                   |
|                                  | Serial Numbers(s)                                                                                                            | 1064009201_S                                             |
|                                  | Vendor                                                                                                                       | Salcomp (Guigang) Co., Ltd.                              |
|                                  | Input                                                                                                                        | 100-240V AC / 50-60Hz 0.3A                               |
|                                  | Output                                                                                                                       | 5V DC 2A                                                 |
| AC/DC-Adaptor II                 | Test Sample ID                                                                                                               | 34149                                                    |
|                                  | Model                                                                                                                        | S21A22                                                   |
|                                  | Serial Numbers(s)                                                                                                            | 01530005301_K                                            |
|                                  | Vendor                                                                                                                       | Kuantech (Cambodia) Corporation Limited                  |
|                                  | Input                                                                                                                        | 100V-240V AC / 50-60Hz 0.3A                              |
|                                  | Output                                                                                                                       | 5V DC 2A                                                 |
| Manufacturer                     | Philip Morris Products S.A.<br>Quai Jeanrenaud 3<br>2000 Neuchâtel<br>Switzerland                                            |                                                          |

Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany



## 1.1 Equipment Ports

| Name             | Type                                              | Attributes                                                                             | Comment                                      |
|------------------|---------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------|
| USB              | DC / IO                                           | Count: 1<br>Cable length [m]: 1<br>Direction: IO<br>Service only: No<br>Shielded: Yes  | USB C                                        |
| AC/DC adaptor I  |                                                   |                                                                                        |                                              |
| Power            | AC                                                | Count: 1<br>Cable length [m]: >3<br>Direction: IN<br>Service only: No<br>Shielded: No  | -                                            |
| USB              | DC                                                | Count: 1<br>Cable length [m]: 1<br>Direction: OUT<br>Service only: No<br>Shielded: Yes | USB C;<br>Shield connected on<br>"IQOS" side |
| AC/DC adaptor II |                                                   |                                                                                        |                                              |
| Power            | AC                                                | Count: 1<br>Cable length [m]: >3<br>Direction: IN<br>Service only: No<br>Shielded: No  | -                                            |
| USB              | DC                                                | Count: 1<br>Cable length [m]: 1<br>Direction: OUT<br>Service only: No<br>Shielded: Yes | USB A;<br>Shield connected on<br>both side   |
| Description:     |                                                   |                                                                                        |                                              |
| AC               | AC mains power input/output port                  |                                                                                        |                                              |
| DC               | DC power input/output port                        |                                                                                        |                                              |
| BAT              | DC power input port connected to external battery |                                                                                        |                                              |
| IO               | Input/Output port                                 |                                                                                        |                                              |
| TP               | Telecommunication port                            |                                                                                        |                                              |
| NE               | Non-electrical port                               |                                                                                        |                                              |

#### 1.4 Support Equipment

| Product Type | Device                     | Manufacturer                   | Model               | Comment                               |
|--------------|----------------------------|--------------------------------|---------------------|---------------------------------------|
| CBL          | Charging cable             | YSC                            | Type USB A to USB C | 1m                                    |
| CBL          | Charging cable             | AFCI                           | Type USB C to USB C | 1m                                    |
| AE           | Smartphone                 | Samsung                        | GT-I9506            | -                                     |
| AE           | Laptop                     | Lenovo                         | Thinkpad            | -                                     |
| AE           | Compressor                 | YOU CHENG INDUSTRIAL Co., LTD. | VN-C4               | -                                     |
| AE           | Dummy consumable cartridge | Technocom Systems sdn.Bhhd     | -                   | Include resistor “RIE1942 VAL-250R5F” |
| AE           | Software application       | Nordic Semiconductor           | nRF Connect         | -                                     |
| Description: |                            |                                |                     |                                       |
| AE           | Auxiliary Equipment        |                                |                     |                                       |
| SIM          | Simulator                  |                                |                     |                                       |
| MON          | Monitoring Equipment       |                                |                     |                                       |
| CBL          | Connecting Cable           |                                |                     |                                       |
| Comment:     |                            |                                |                     |                                       |

## 1.5 Operational Modes

| Mode #   | Description                                |
|----------|--------------------------------------------|
| 1        | Heating<br>Bluetooth Low Energy            |
| 2        | Charging<br>Bluetooth Low Energy           |
| 3        | Charging + Heating<br>Bluetooth Low Energy |
| Comment: |                                            |

## 1.6 EUT Configuration

| Configuration # | Description                                                                                                                                                                                                                                                                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1               | EUT powered via internal lithium battery.<br>EUT assembled with Dummy consumable cartridge and compressed air pipe Compressor, outside the measurement chamber, generates a negative air pressure with an interval of 4 seconds "ON" and 1 second "OFF".<br>Active Bluetooth Low Energy connection to Smartphone with nRF Connect.                      |
| 2               | EUT powered via AC/DC adaptor I for charging lithium battery.<br>Active Bluetooth Low Energy connection to Smartphone with nRF Connect.                                                                                                                                                                                                                 |
| 3               | EUT powered via AC/DC adaptor II for charging lithium battery.<br>Active Bluetooth Low Energy connection to Smartphone with nRF Connect.                                                                                                                                                                                                                |
| 4               | EUT powered via AC/DC adaptor I for charging lithium battery.<br>EUT assembled with Dummy consumable cartridge and compressed air pipe Compressor, outside the measurement chamber, generates a negative air pressure with an interval of 4 seconds "ON" and 1 second "OFF".<br>Active Bluetooth Low Energy connection to Smartphone with nRF Connect.  |
|                 | EUT powered via AC/DC adaptor II for charging lithium battery.<br>EUT assembled with Dummy consumable cartridge and compressed air pipe Compressor, outside the measurement chamber, generates a negative air pressure with an interval of 4 seconds "ON" and 1 second "OFF".<br>Active Bluetooth Low Energy connection to Smartphone with nRF Connect. |
| Comment:        |                                                                                                                                                                                                                                                                                                                                                         |

## 1.7 Sample emission level calculation

The following is a description of terms and a sample calculation, as appears in the radiated emissions data table. The numbers used in the calculation are for example only. There is no direct correlation to the specific data taken for the product described in this document:

Reading:

This is the reading obtained on the spectrum analyser in dBµV. Any external preamplifiers used are taken into account through internal analyser settings.

A.F.:

This is the antenna factor for the receiving antenna. It is a conversion factor, which converts electric fields strengths to voltages, which can be measured directly on the spectrum analyser. It is treated as a loss in dB. Cable losses have been included with the A.F. to simplify the calculations. The antenna factor is used in calculations as follows:

$$\text{Reading on Analyser (dB}\mu\text{V)} + \text{A.F. (dB/m)} = \text{Net field strength (dB}\mu\text{V/m)}$$

Net:

This is the net field strength measurement (as shown above).

Limit:

This is the FCC Class B radiated emission limit (in units of dBµV/m). The FCC limits are given in units of µV/m. The following formula is used to convert the units of µV/m to dBµV/m:

$$\text{Limit (dB}\mu\text{V/m)} = 20 \cdot \log(\mu\text{V/m})$$

Margin:

This is the margin of compliance below the FCC limit. The units are given in dB. A negative margin indicates the emission was below the limit. A positive margin indicates that the emission exceeds the limit.

Example only:

|                      |               |   |                           |           |
|----------------------|---------------|---|---------------------------|-----------|
| Reading + AF         | = Net Reading | : | Net reading - FCC limit   | = Margin  |
| +21.5 dBµV + 26 dB/m | = 47.5 dBµV/m | : | 47.5 dBµV/m - 57.0 dBµV/m | = -9.5 dB |

## 2 Result Summary

| FCC 47 CFR Part 15B, ISED ICES-003 Issue 7 |                                   |                             |        |         |
|--------------------------------------------|-----------------------------------|-----------------------------|--------|---------|
| Reference                                  | Requirement                       | Reference Method            | Result | Remarks |
| Emission                                   |                                   |                             |        |         |
| FCC 15.109<br>ICES-003, 3.2.2              | Radiated emissions                | ANSI C63.4:2014<br>+A1:2017 | PASS   | -       |
| FCC 15.107<br>ICES-003, 3.2.1              | AC power line conducted emissions | ANSI C63.4:2014<br>+A1:2017 | PASS   | -       |
| Comment:                                   |                                   |                             |        |         |

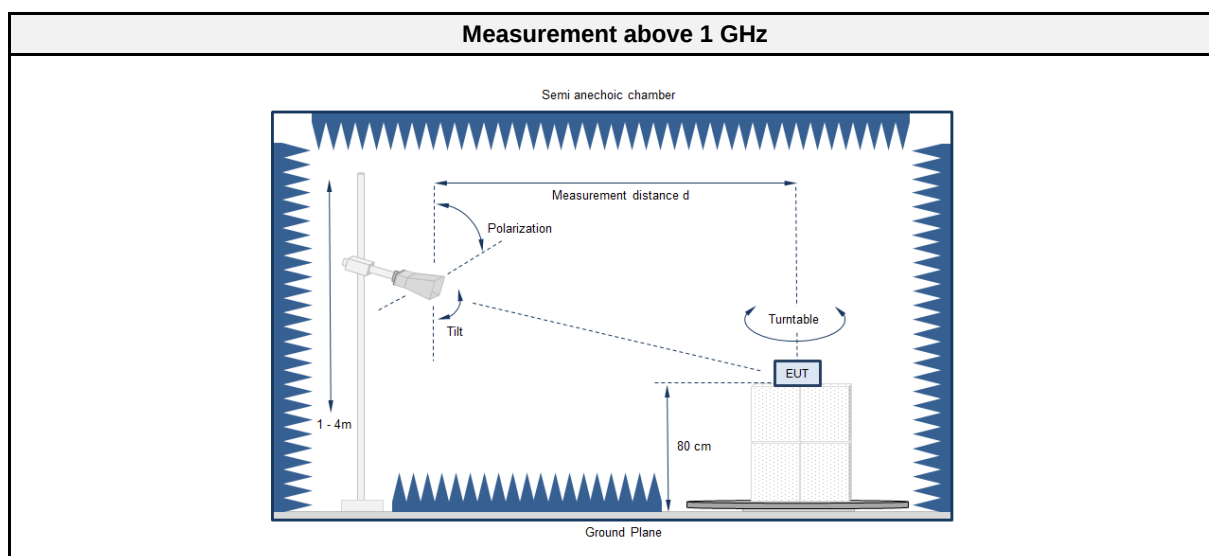
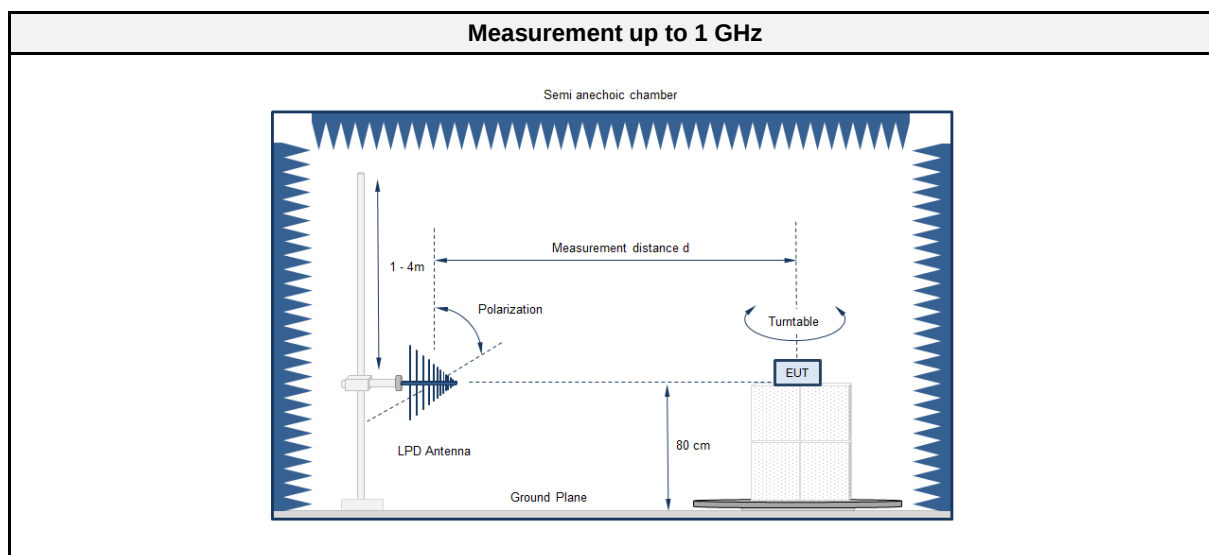
| Possible Test Case Verdicts |                                              |
|-----------------------------|----------------------------------------------|
| PASS                        | Test object does meet the requirements       |
| FAIL                        | Test object does not meet the requirements   |
| N/T                         | Required by standard but not tested          |
| N/R                         | Not required by standard for the test object |

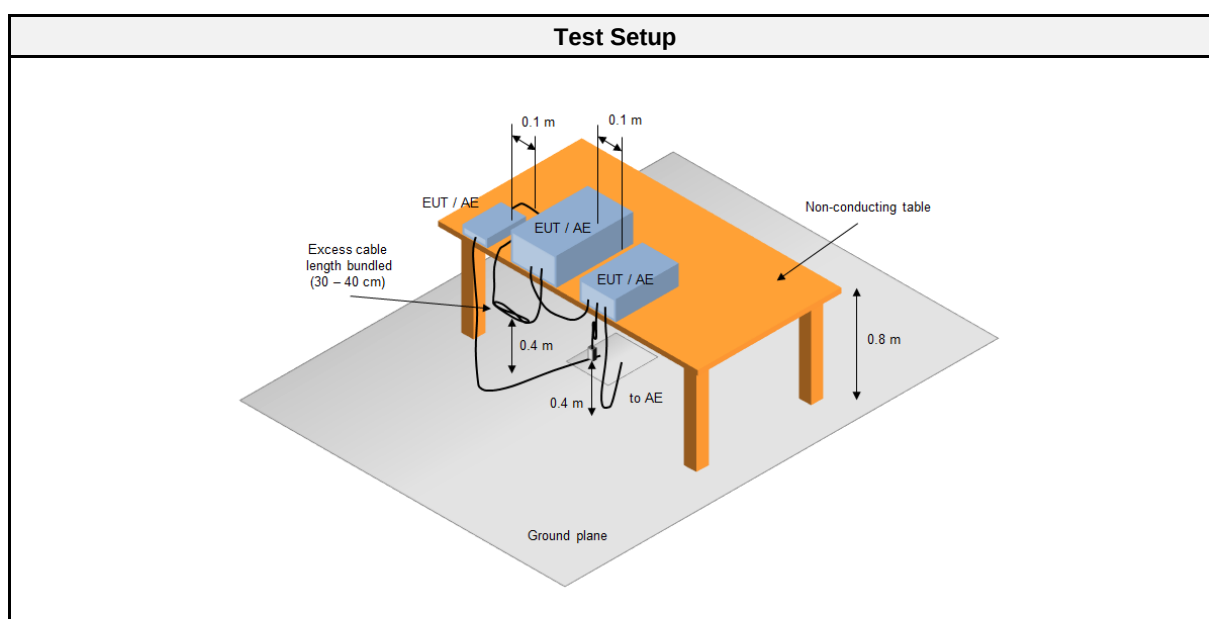
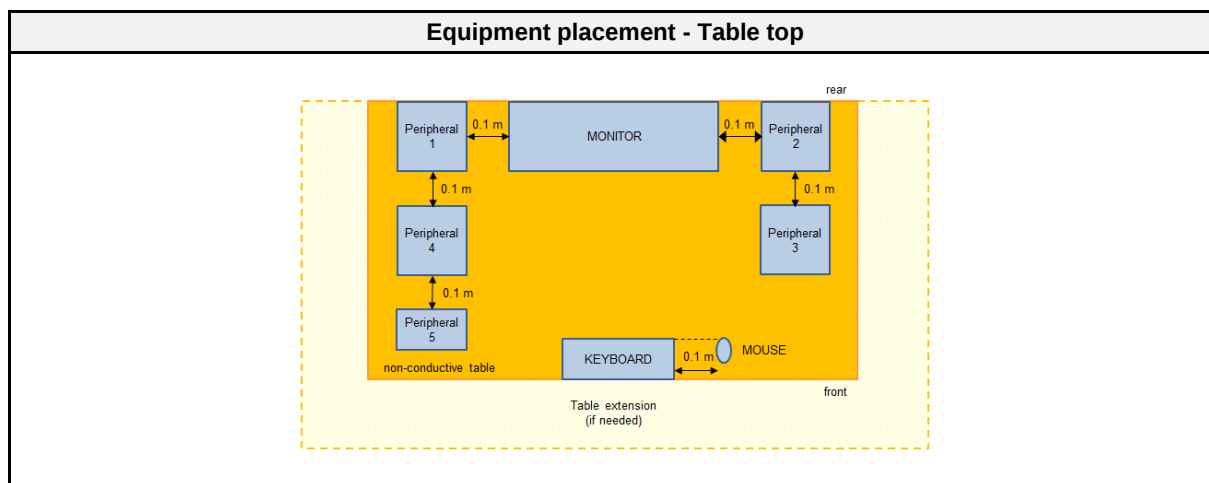
## 2.1 Test Conditions and Results - Radiated emissions acc. to ANSI C63.4

### 2.1.1 Information

| Test Information                 |                                   |
|----------------------------------|-----------------------------------|
| Reference                        | FCC 15.109, ICES-003, 3.2.2       |
| Reference method                 | ANSI C63.4:2014+A1:2017 Section 8 |
| Equipment class                  | Class B                           |
| Equipment type                   | Table top                         |
| Highest internal frequency [MHz] | 2480                              |
| Measurement range                | 30 MHz to 13000 MHz               |
| Temperature [°C]                 | 22 ±3                             |
| Humidity [%]                     | 30 - 40                           |
| Operator                         | Matthias Handrik                  |
| Date                             | 2021-11-09- - 2021-11-11          |

### 2.1.2 Setup





### 2.1.3 Equipment

| Test Software |                  |            |          |
|---------------|------------------|------------|----------|
| Description   | Manufacturer     | Name       | Version  |
| EMC Software  | DARE Instruments | Radimation | 2020.1.8 |

| Test Equipment                |                                                    |        |            |           |          |
|-------------------------------|----------------------------------------------------|--------|------------|-----------|----------|
| Description                   | Manufacturer                                       | Model  | Identifier | Cal. Date | Cal. Due |
| Semi-Anechoic chamber (NSA)   | Frankonia                                          | AC1    | EF00062    | 2021-02   | 2024-02  |
| Semi-Anechoic chamber (SVSWR) | Frankonia                                          | AC 1   | EF01011    | 2019-06   | 2022-06  |
| Programmable AC Source        | Chroma ATE Inc.                                    | 61604  | EF01068    | 2021-07   | 2022-07  |
| Digital multimeter            | Agilent Technologies Sales & Service GmbH & Co. KG | 34410A | EF00756    | 2021-08   | 2023-08  |

|                   |                             |                  |         |         |         |
|-------------------|-----------------------------|------------------|---------|---------|---------|
| EMI Test Receiver | Keysight                    | N9038A-526/WXP   | EF01070 | 2021-07 | 2022-07 |
| Biconical Antenna | R&S                         | HK 116           | EF00030 | 2021-05 | 2024-05 |
| LPD Antenna       | R&S                         | HL 223           | EF00187 | 2019-05 | 2022-05 |
| Horn Antenna      | Schwarzbeck                 | BBHA9120D        | EF00018 | 2019-10 | 2022-10 |
| Climatic Sensor   | Embedded Data Systems, LLC. | 280010000025417E | EF01054 | 2021-03 | 2022-03 |

#### 2.1.4 Procedure

| Exploratory measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> <li>1. The EUT was placed on a non-conductive table at a height of 0.8m.</li> <li>2. The EUT and support equipment, if needed, were set up to simulate typical usage.</li> <li>3. Cables, of type and length specified by the manufacturer, were connected to at least one port of each type and were terminated by a device or simulating load of actual usage.</li> <li>4. The antenna was placed at a distance of 3 or 10 m.</li> <li>5. The received signal was monitored at the measurement receiver.</li> <li>6. This procedure has to be performed in both antenna polarizations, horizontal and vertical.</li> <li>7. The arrangement of the equipment with the maximum emission level is shown on the setup picture at item 2.1.2</li> </ol> |

| Final measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> <li>1. The EUT was placed on a 0.8 m non-conductive table at a 3 m distance from the receive antenna. The antenna output was connected to the measurement receiver.</li> <li>2. A biconical antenna was used for the frequency range 30 – 200 MHz, a logarithmic periodical antenna was used for the frequency range from 200 – 1000 MHz. Above one 1 GHz a Double Ridged Broadband Horn antenna was used. The antenna was placed on an adjustable height antenna mast.</li> <li>3. The EUT and cable arrangement were based on the exploratory measurement results.</li> <li>4. Emissions were maximized at each frequency by rotating the EUT and adjusting the receive antenna height and polarization. The maximum values were recorded.</li> <li>5. The test data of the worst-case conditions were recorded and shown on the next pages.</li> </ol> |

#### 2.1.5 Limits

| Class B @ 3 m   |                 |                |
|-----------------|-----------------|----------------|
| Frequency [MHz] | Detector        | Limit [dBμV/m] |
| 30 - 88         | Quasi-peak      | 40             |
| 88 - 216        | Quasi-peak      | 43.5           |
| 216 - 960       | Quasi-peak      | 46             |
| 960 - 1000      | Quasi-peak      | 54             |
| > 1000          | Peak<br>Average | 74<br>54       |

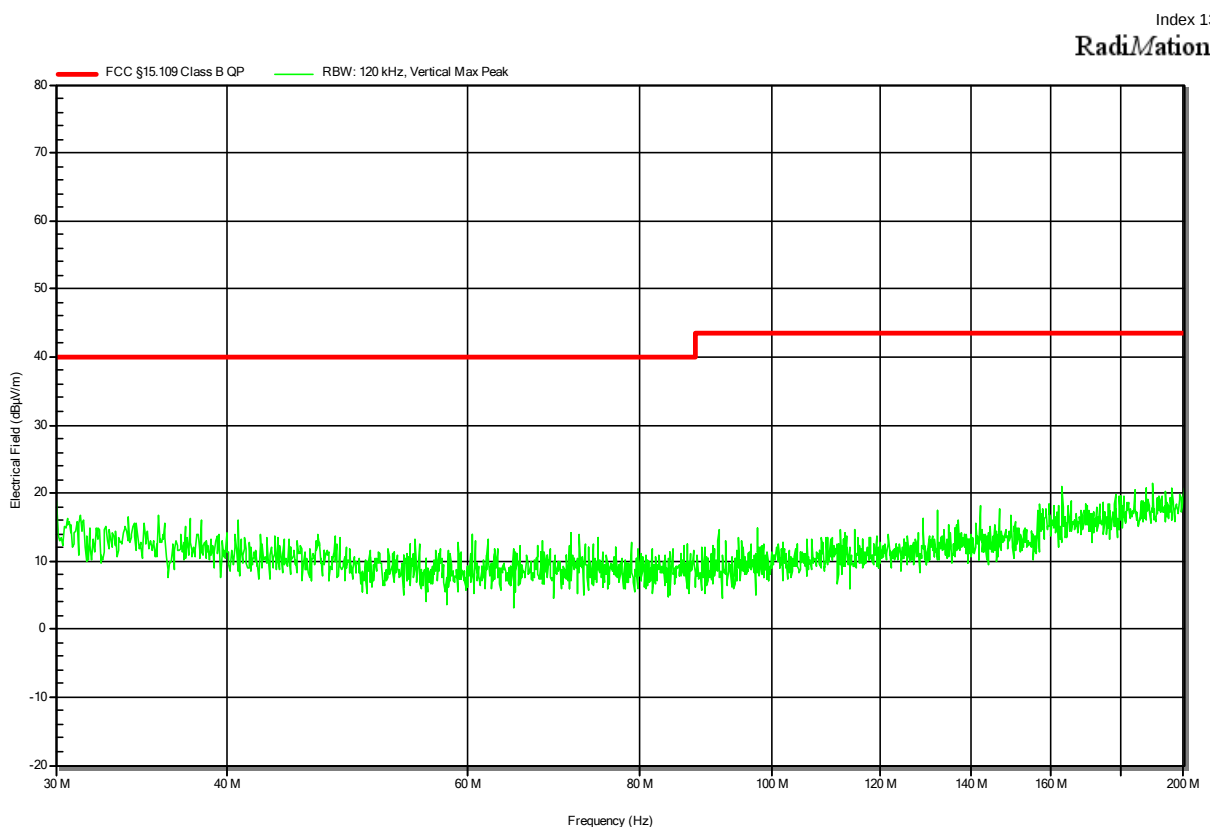
#### 2.1.6 Results

| Test Results     |                   |         |        |
|------------------|-------------------|---------|--------|
| Operational mode | EUT Configuration | Verdict | Remark |
| 1                | 1                 | PASS    | -      |
| 2                | 2                 | PASS    | -      |
| 2                | 3                 | PASS    | -      |
| 3                | 4                 | PASS    | -      |
| 3                | 5                 | PASS    | -      |

## 2.1.7 Records

### Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 3.8V DC  
 Antenna: Rohde & Schwarz HK 116, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 1  
 Note 1:

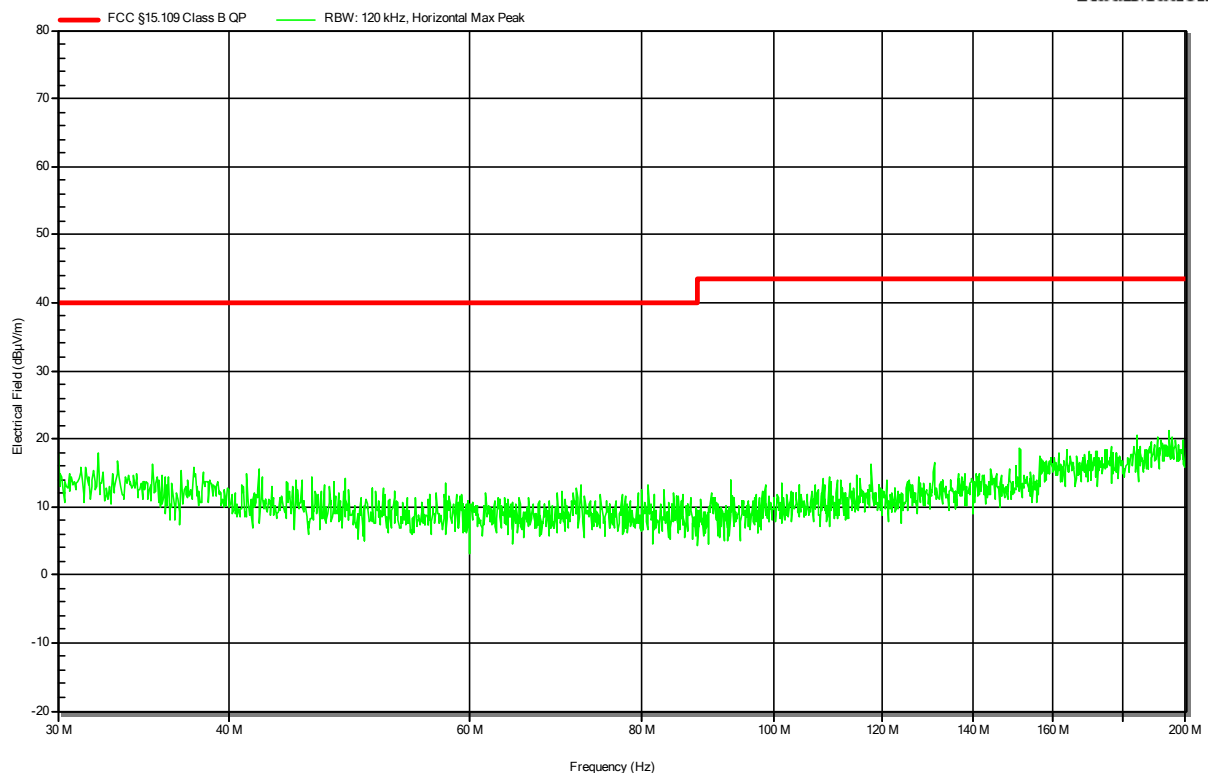


## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 3.8V DC  
 Antenna: Rohde & Schwarz HK 116, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & 1  
 EUT Configuration: 1  
 Note 1:

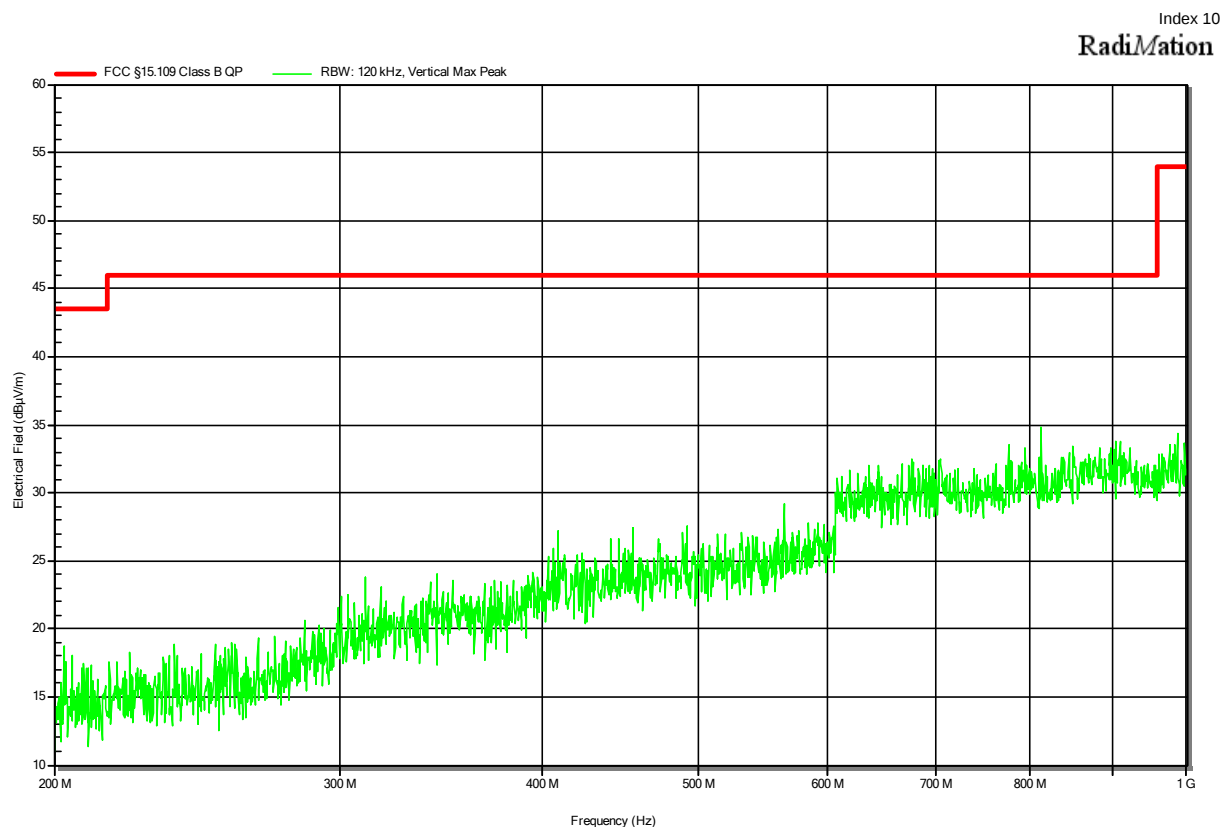
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RadiMation



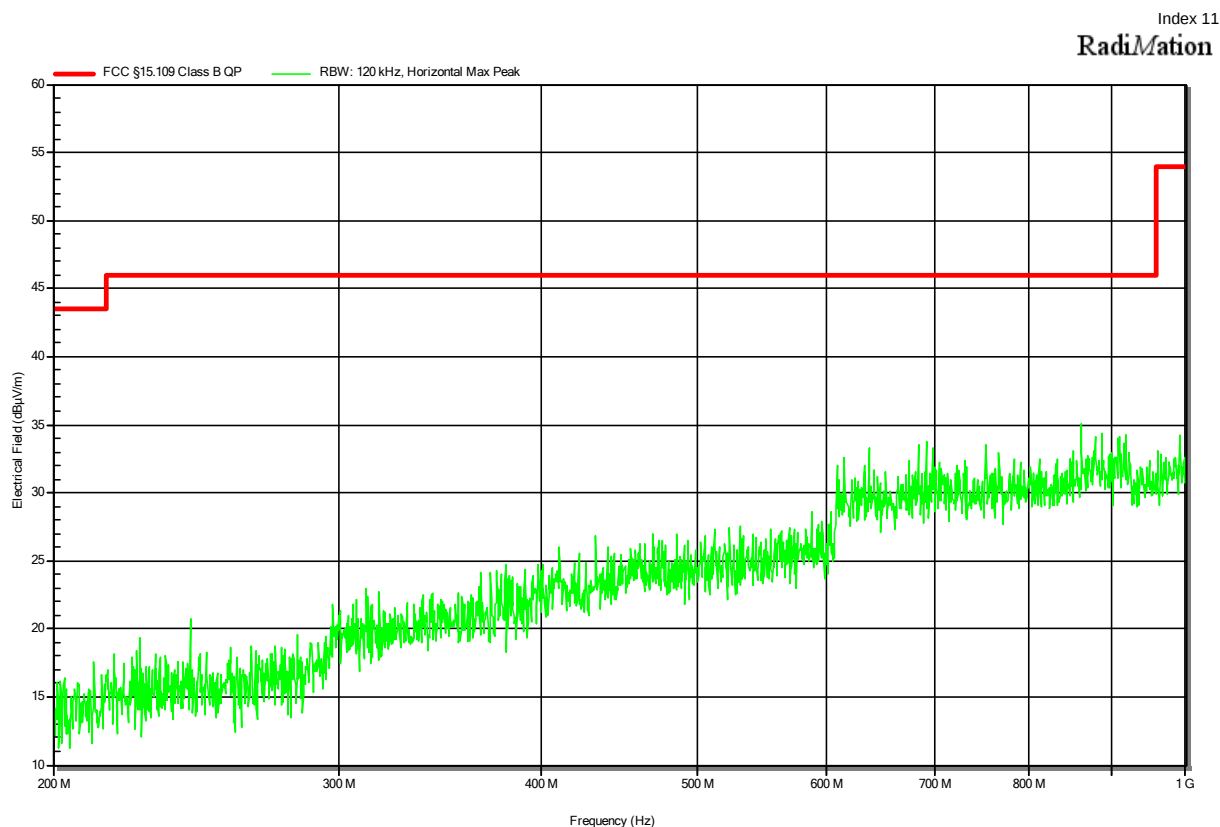
**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 3.8V DC  
 Antenna: Rohde & Schwarz HL 223, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 1  
 Note 1:



# Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36734  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-09  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 3.8V DC  
Antenna: Rohde & Schwarz HL 223, Horizontal  
Measurement Distance: 3m  
Operational Mode & EUT Configuration: 1  
Note 1:

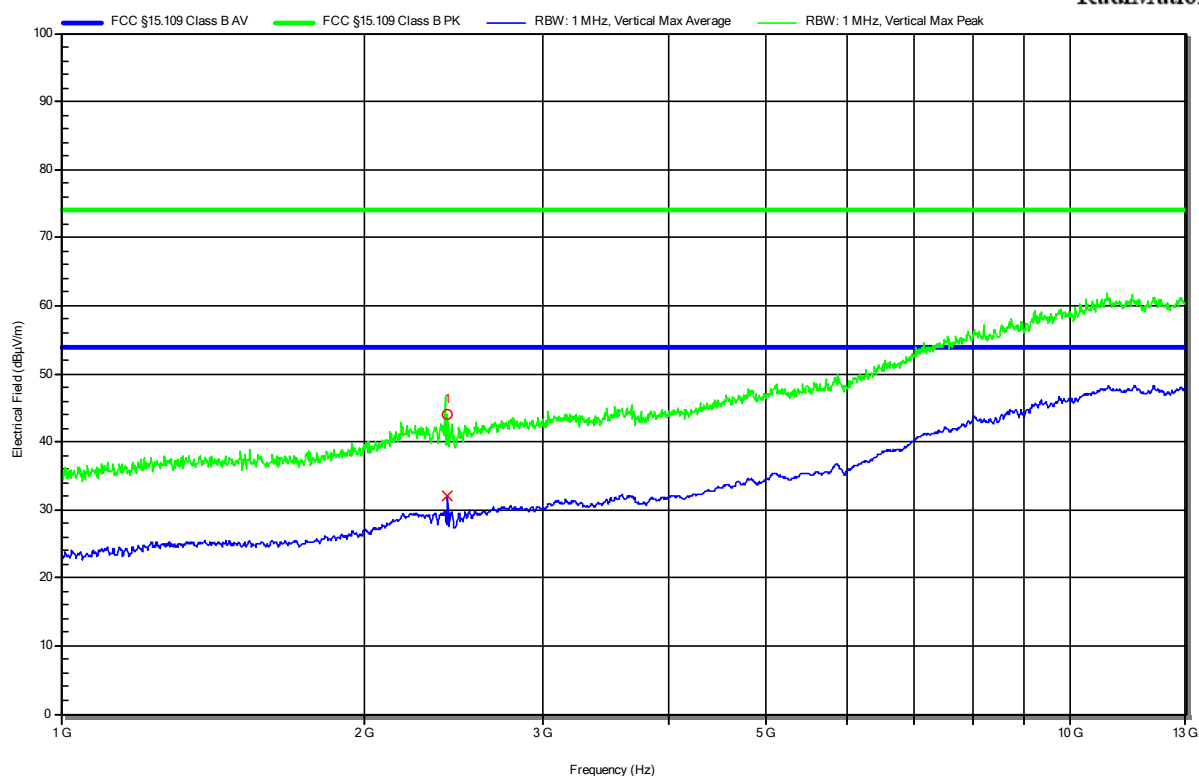


## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 3.8V DC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 1  
 Note 1: 2.4GHz Notchfilter

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RadiMation



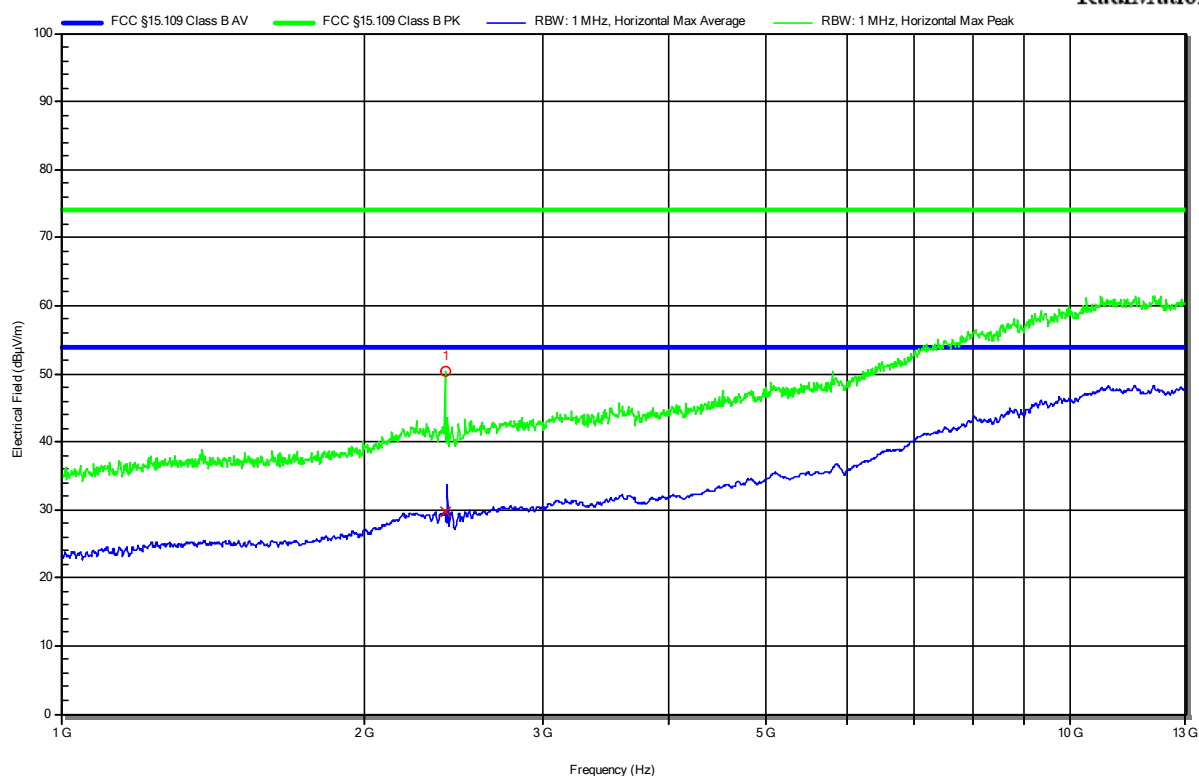
| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.416 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 3.8V DC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 1  
 Note 1: 2.4GHz Notchfilter

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RadiMation



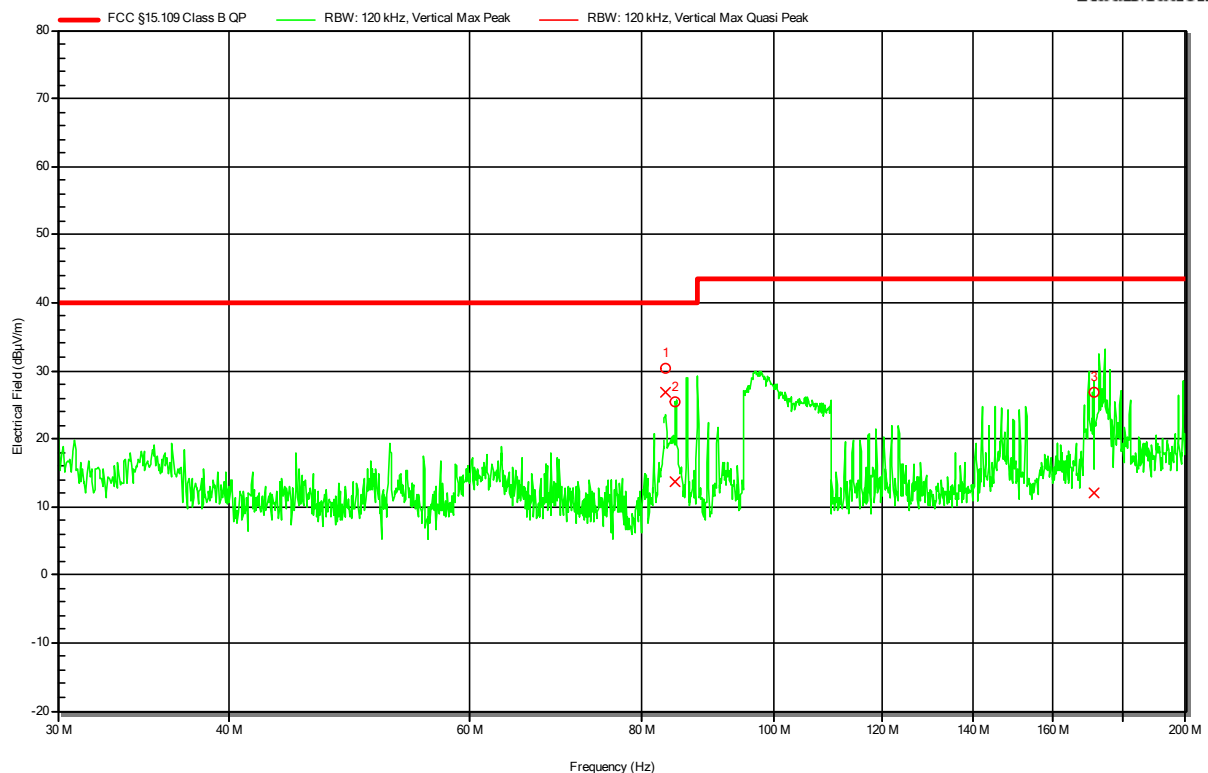
| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.403 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36734+34139  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-11  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
Antenna: Rohde & Schwarz HK 116, Vertical  
Measurement Distance: 3m  
Operational Mode & EUT Configuration: 3  
4  
Note 1:

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RadiMation



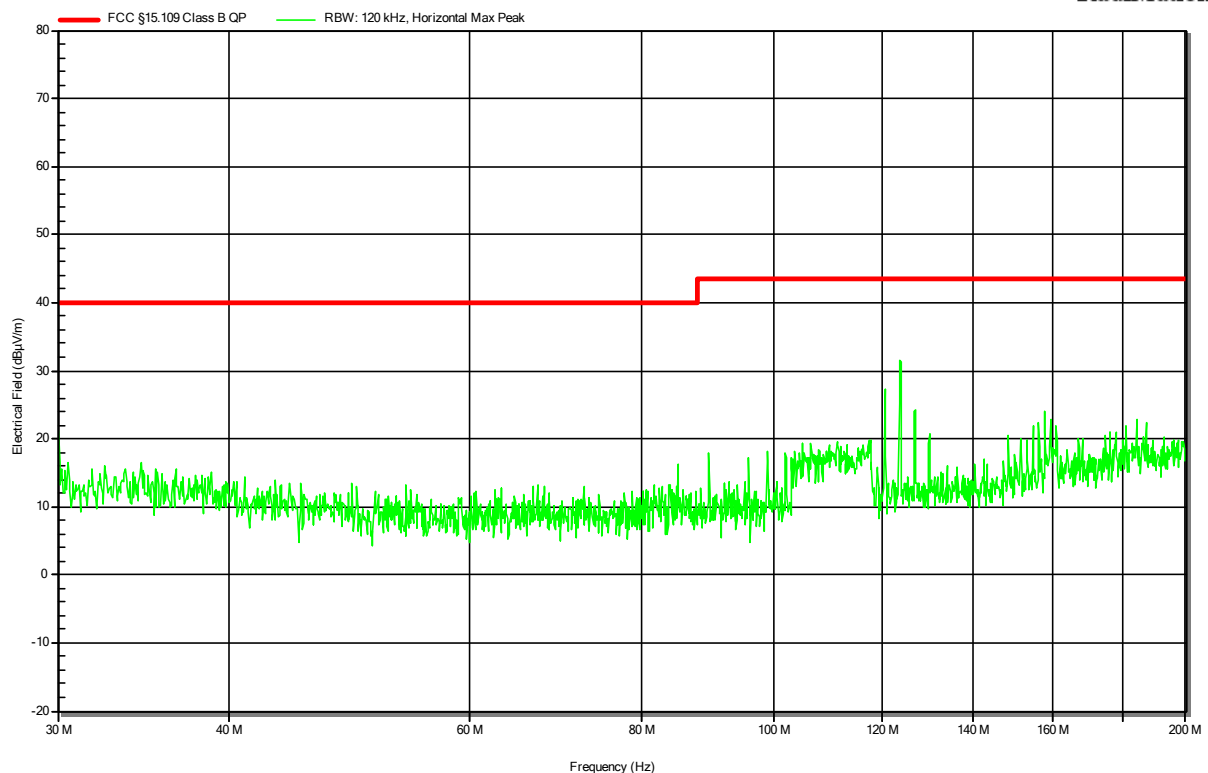
| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle       | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|-------------|--------|
| 1           | 83.324 MHz  | 26.71 dBμV/m | 40 dBμV/m        | -13.29 dB             | Pass              | -80 degrees | 1 m    |
| 2           | 84.765 MHz  | 13.8 dBμV/m  | 40 dBμV/m        | -26.2 dB              | Pass              | -80 degrees | 1 m    |
| 3           | 171.368 MHz | 11.94 dBμV/m | 43.52 dBμV/m     | -31.58 dB             | Pass              | -80 degrees | 1 m    |

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HK 116, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 4  
 Note 1:

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RadiMation

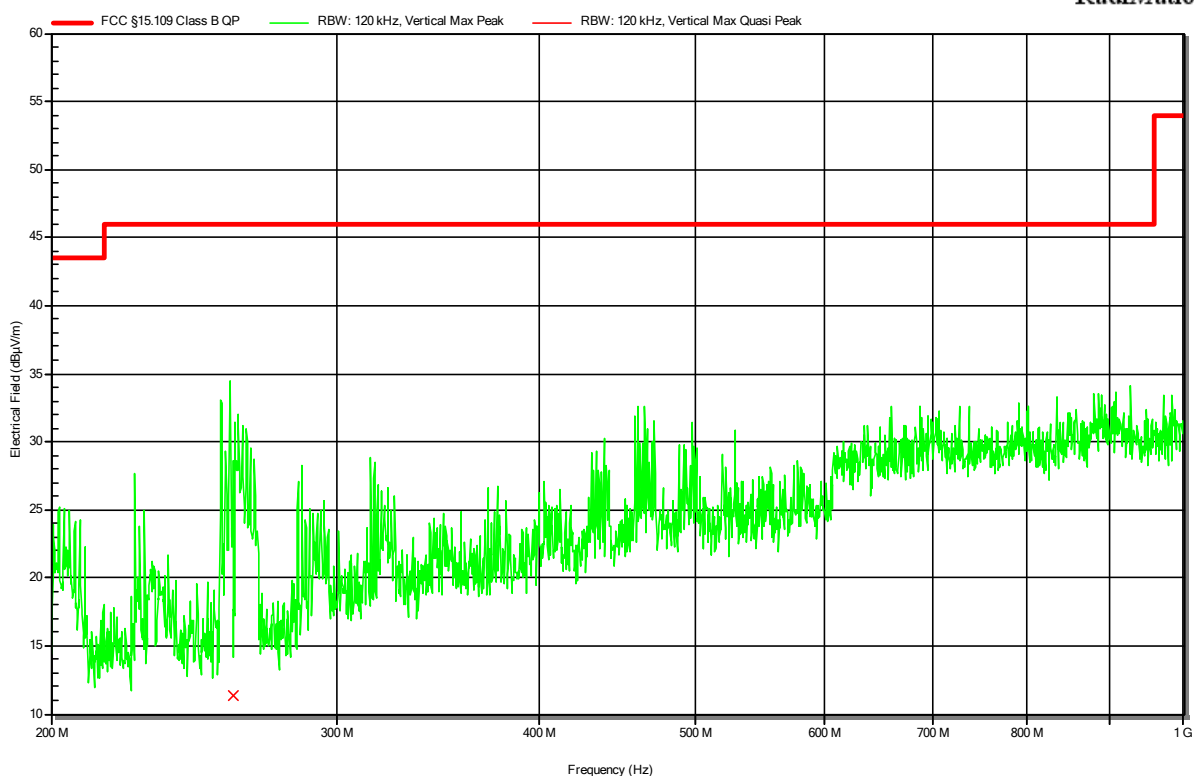


# Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36734+34139  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-10  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
Antenna: Rohde & Schwarz HL 223, Vertical  
Measurement Distance: 3m  
Operational Mode & EUT Configuration: 3  
4  
Note 1:

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RadiMation

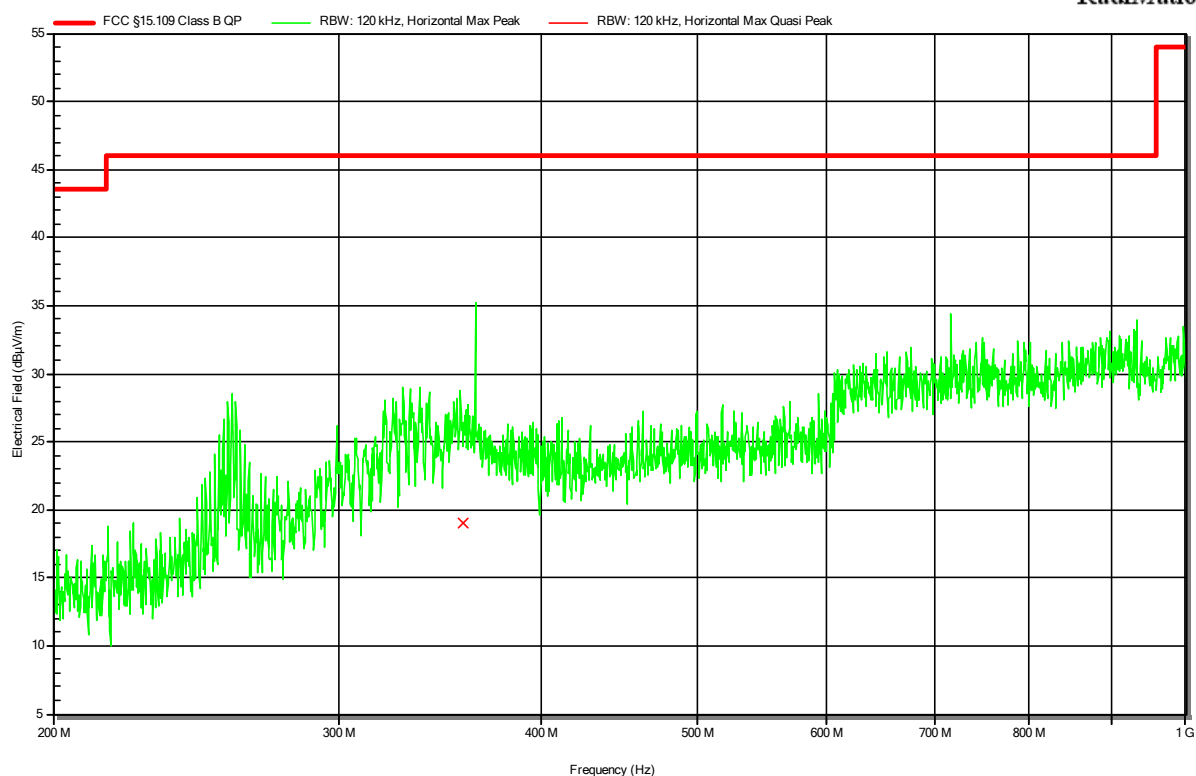


# Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HL 223, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 4  
 Note 1:

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RadiMation

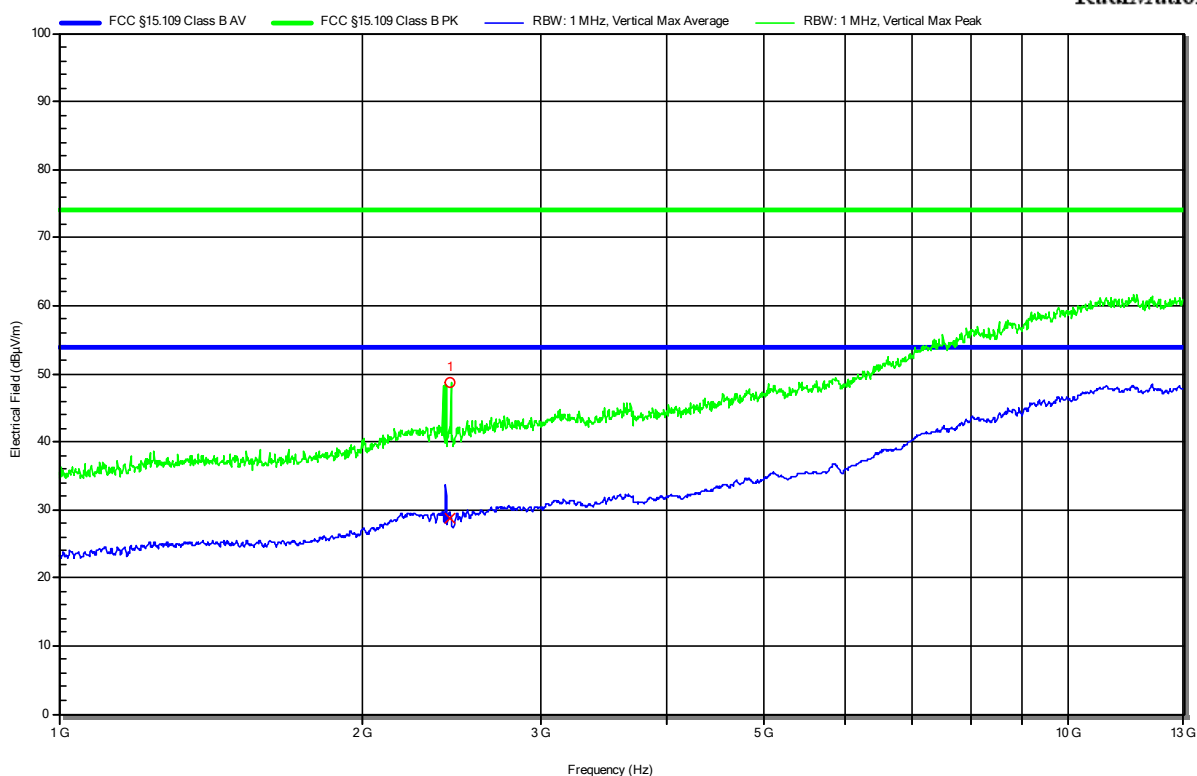


# Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36734+34139  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-10  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
Antenna: Schwarzbeck BBHA 9120D, Vertical  
Measurement Distance: 3m  
Operational Mode & EUT Configuration: 3  
4  
Note 1: 2.4 GHz Notchfilter

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**RadiMation**



| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.443 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

Test Report No.: G0M-2109-1042-EF0115B-V01

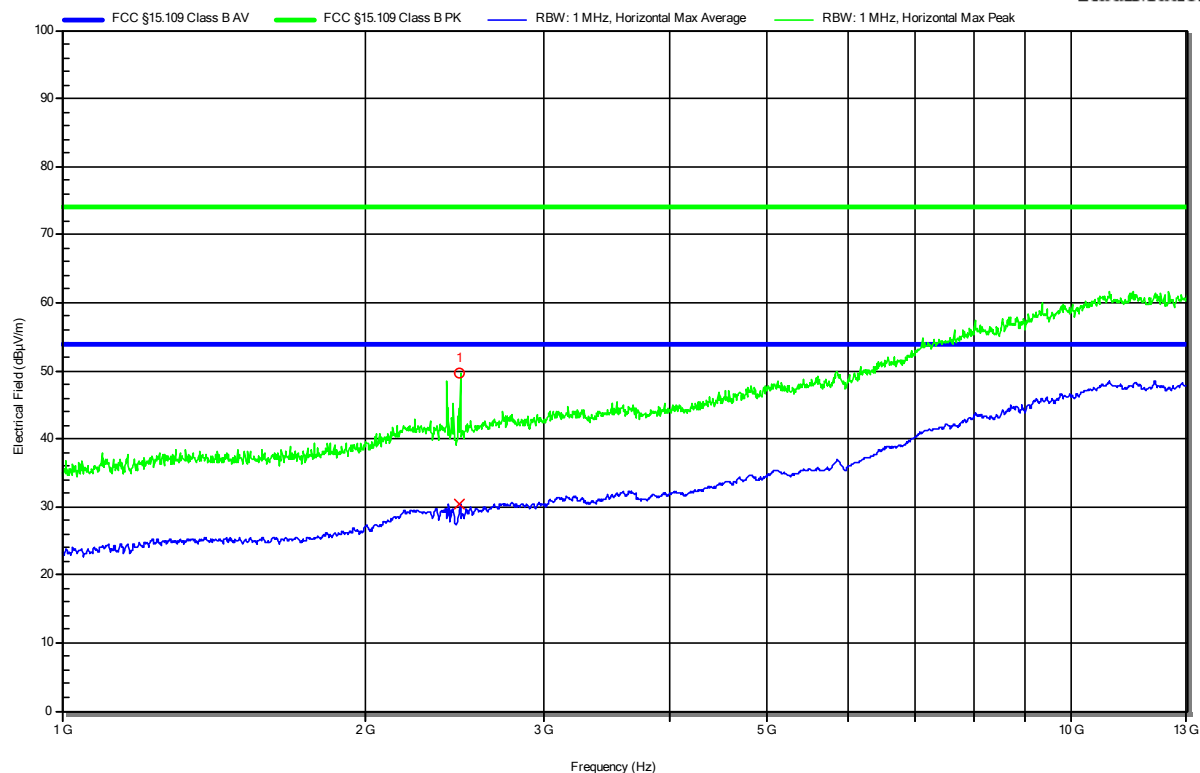
Eurofins Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 Note 1: 2.4GHz Notchfilter

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**RadiMation**



| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.48 GHz  | Bluetooth Low Energy carrier |            |                 |             |       |        |

Test Report No.: G0M-2109-1042-EF0115B-V01

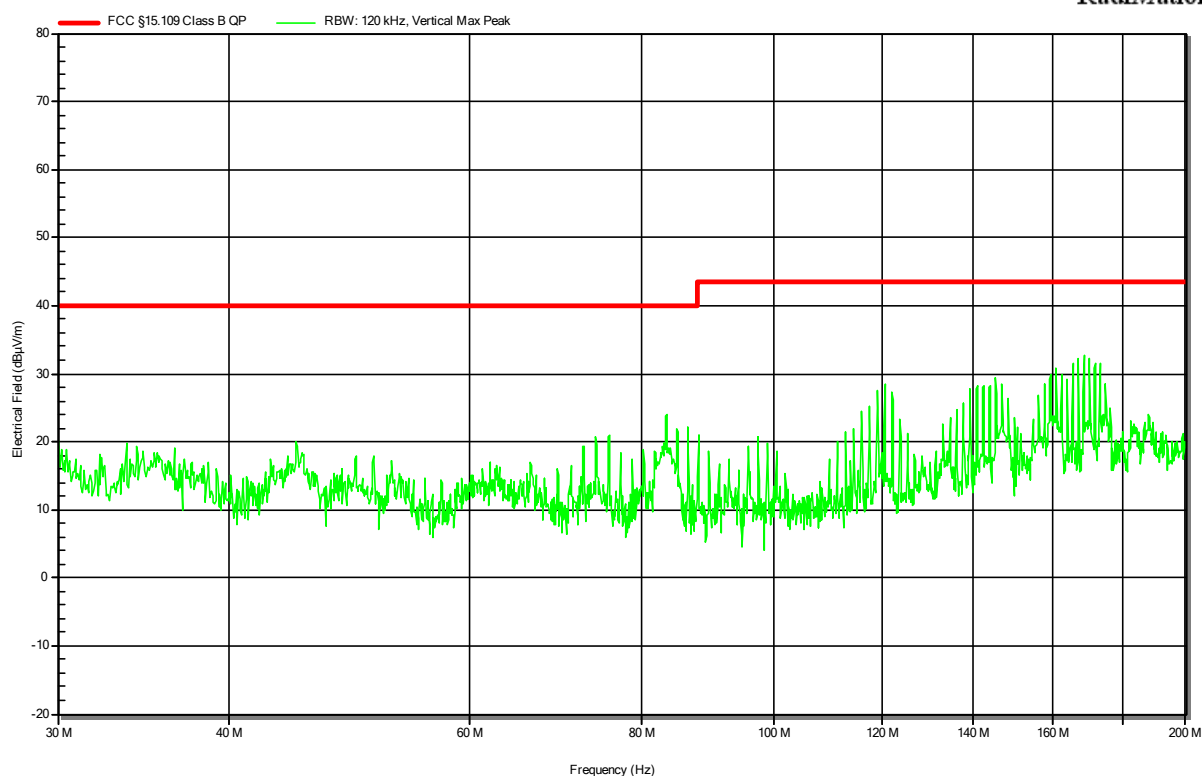
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HK 116, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 Note 1:

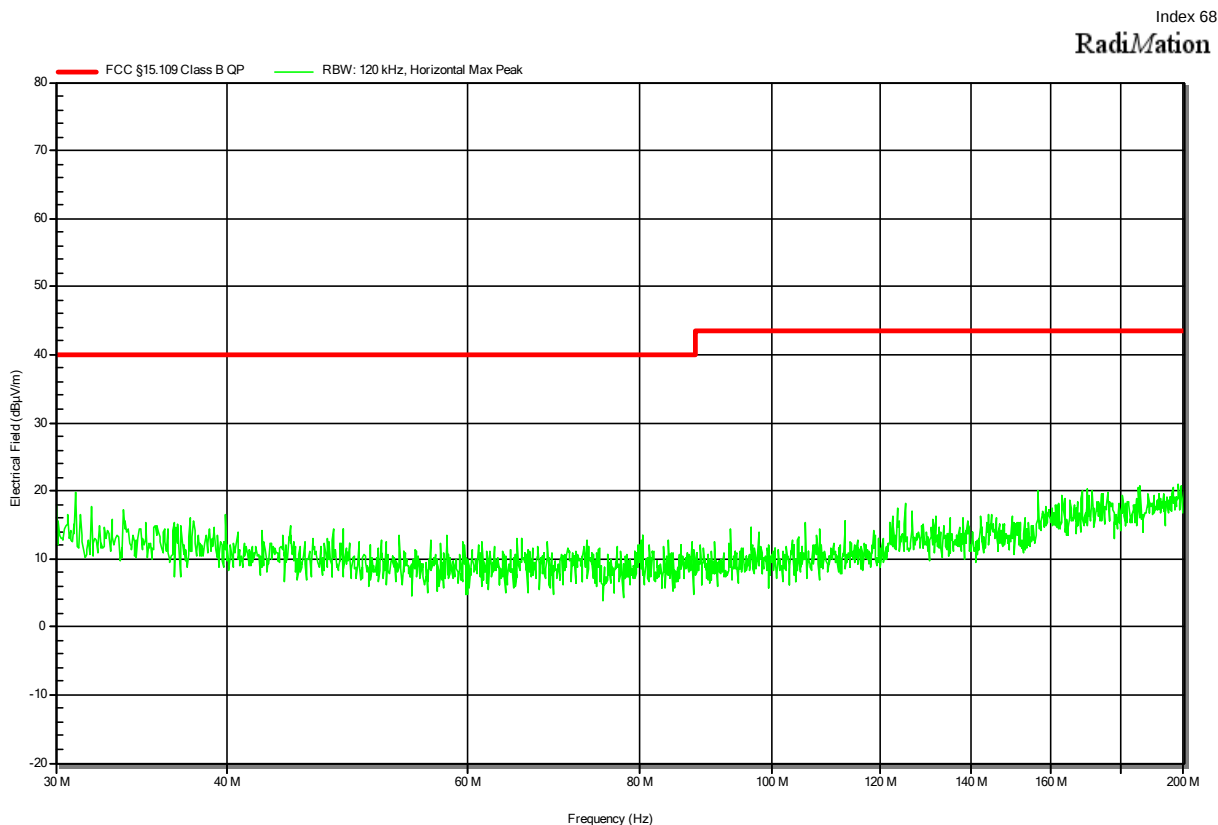
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**RadiMation**



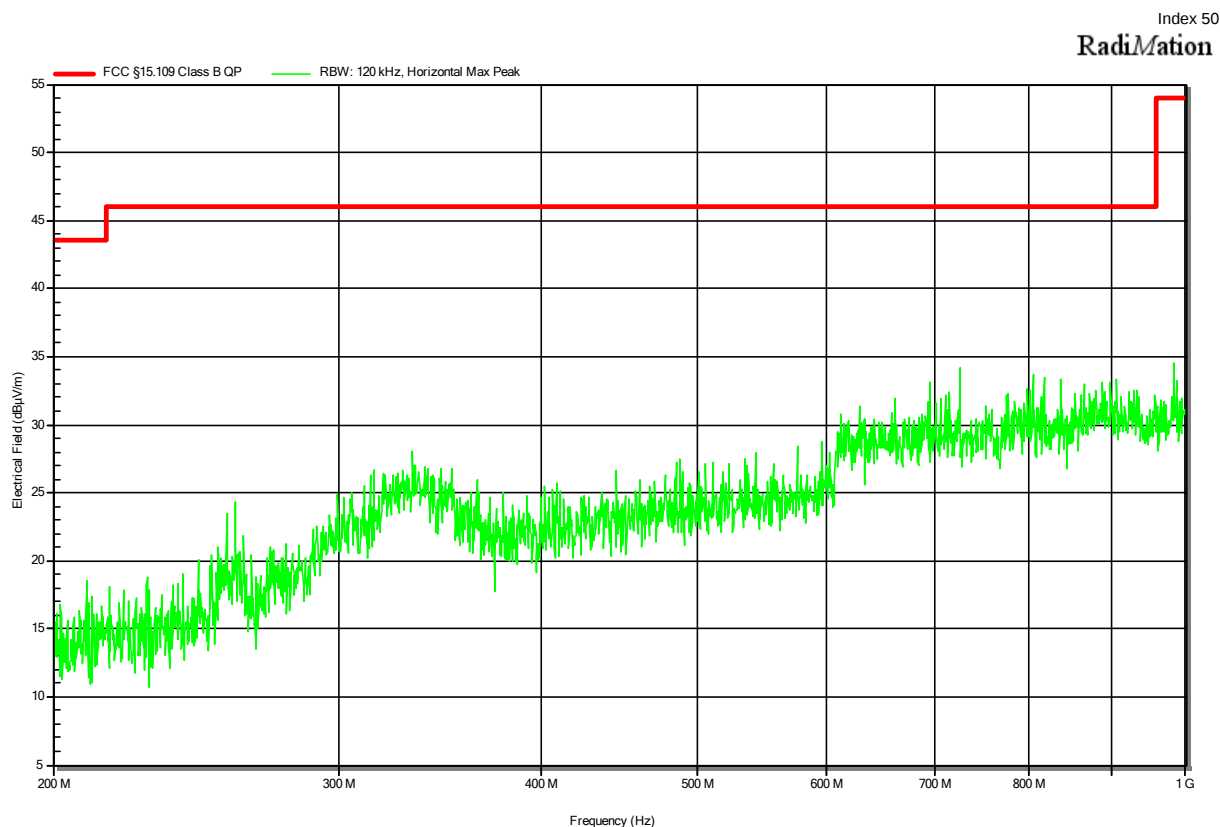
**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HK 116, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & 2  
 EUT Configuration: 2  
 Note 1:



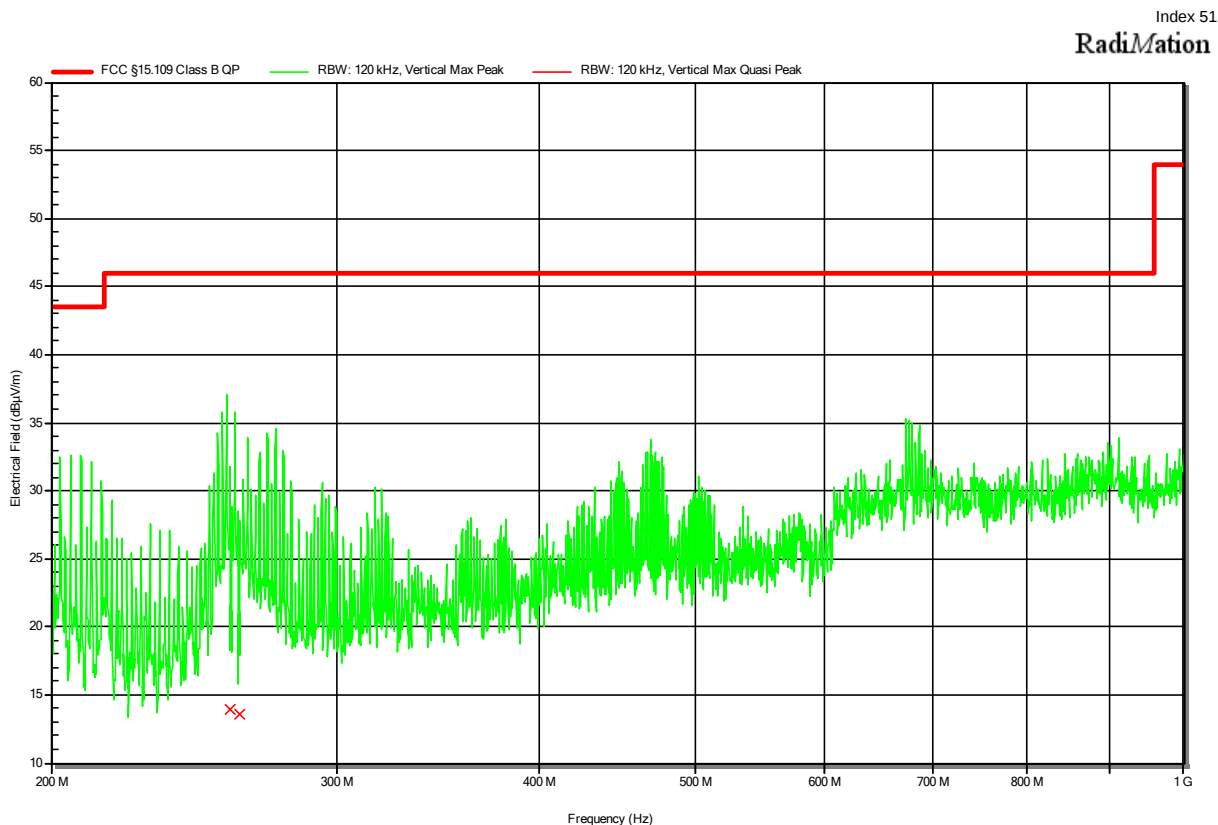
# Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36734+34139  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-10  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
Antenna: Rohde & Schwarz HL 223, Horizontal  
Measurement Distance: 3m  
Operational Mode & 2  
EUT Configuration: 2  
Note 1:



## Radiated emissions according to FCC part 15B

|                                          |                                                                 |
|------------------------------------------|-----------------------------------------------------------------|
| Project Number:                          | G0M-2109-1042                                                   |
| Applicant:                               | Philip Morris Products S.A.                                     |
| Model Description:                       | Electronic Vaping System                                        |
| Model:                                   | B-1603                                                          |
| Test Sample ID:                          | 36734+34139                                                     |
| Test Site:                               | Eurofins Product Service GmbH                                   |
| Operator:                                | Mr. Handrik                                                     |
| Test Date:                               | 2021-11-10                                                      |
| Operating Conditions:                    | ambient temperature: 21 °Celsius<br>power input: 120V AC / 60Hz |
| Antenna:                                 | Rohde & Schwarz HL 223, Vertical                                |
| Measurement Distance:                    | 3m                                                              |
| Operational Mode &<br>EUT Configuration: | 2<br>2                                                          |
| Note 1:                                  |                                                                 |

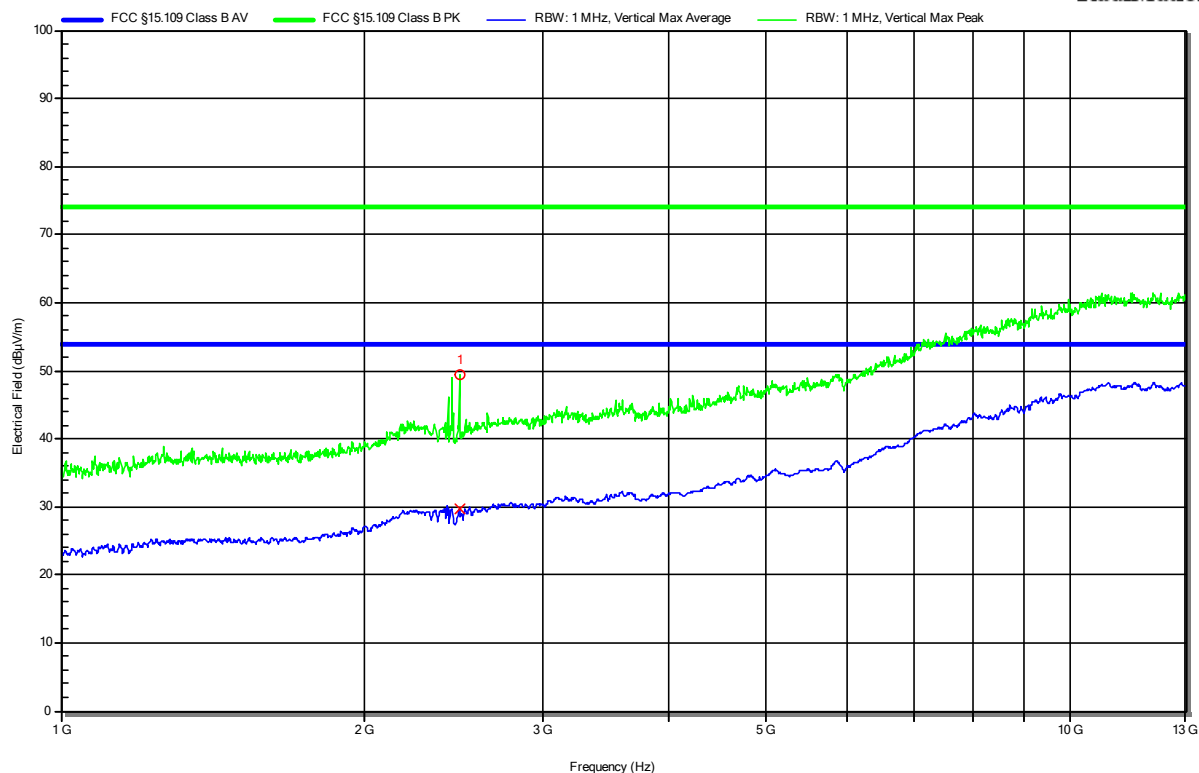


## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 Note 1: 2.4GHz Notchfilter

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**RadiMation**



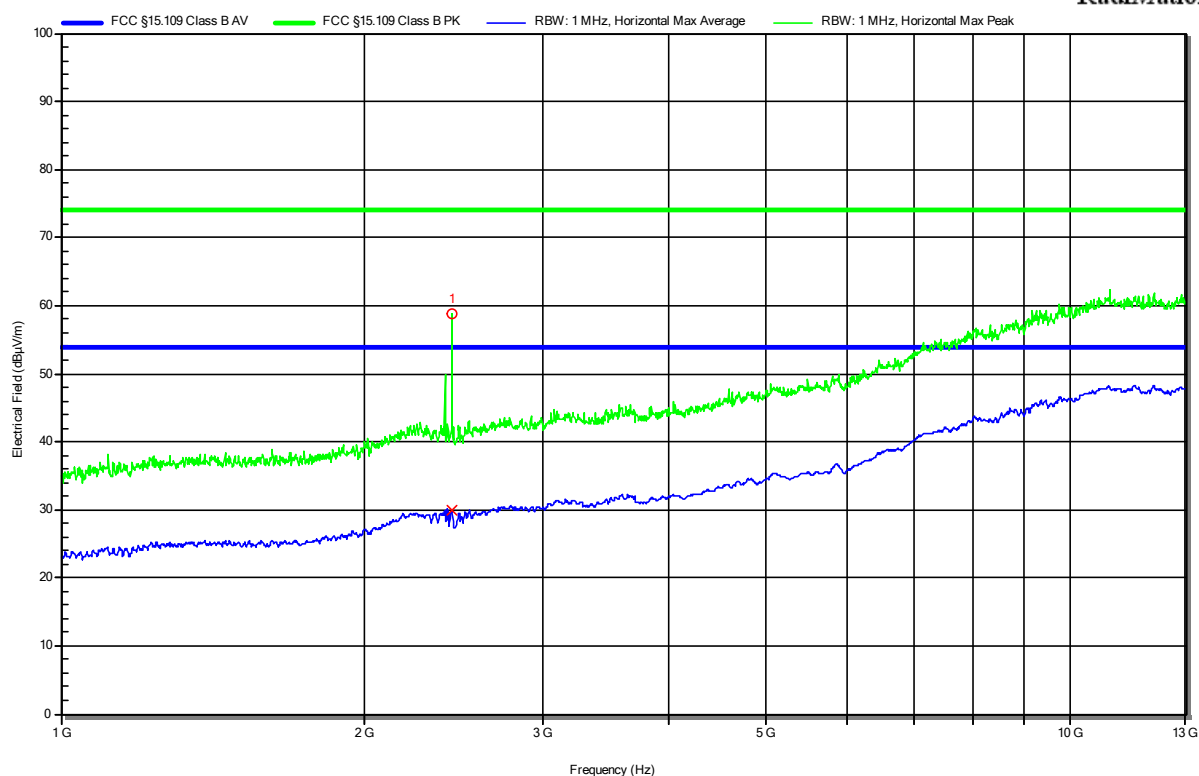
| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.481 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 Note 1: 2.4GHz Notchfilter

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**RadiMation**



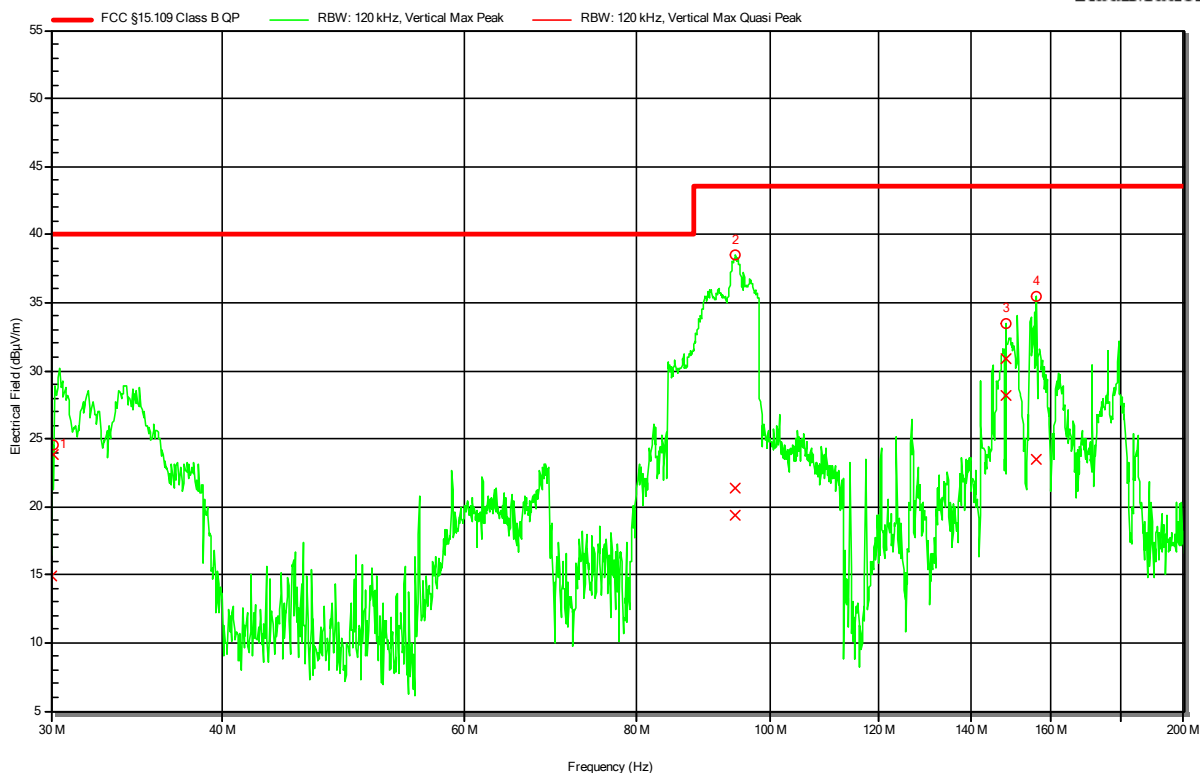
| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.439 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HK 116, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 5  
 Note 1:

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**RadiMation**



| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle       | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|-------------|--------|
| 1           | 30.108 MHz  | 23.89 dBµV/m | 40 dBµV/m        | -16.11 dB             | Pass              | -80 degrees | 1 m    |
| 2           | 94.403 MHz  | 19.34 dBµV/m | 43.52 dBµV/m     | -24.18 dB             | Pass              | -80 degrees | 1 m    |
| 3           | 148.414 MHz | 28.14 dBµV/m | 43.52 dBµV/m     | -15.38 dB             | Pass              | -80 degrees | 1 m    |
| 4           | 156.074 MHz | 23.48 dBµV/m | 43.52 dBµV/m     | -20.04 dB             | Pass              | -80 degrees | 1 m    |

Test Report No.: G0M-2109-1042-EF0115B-V01

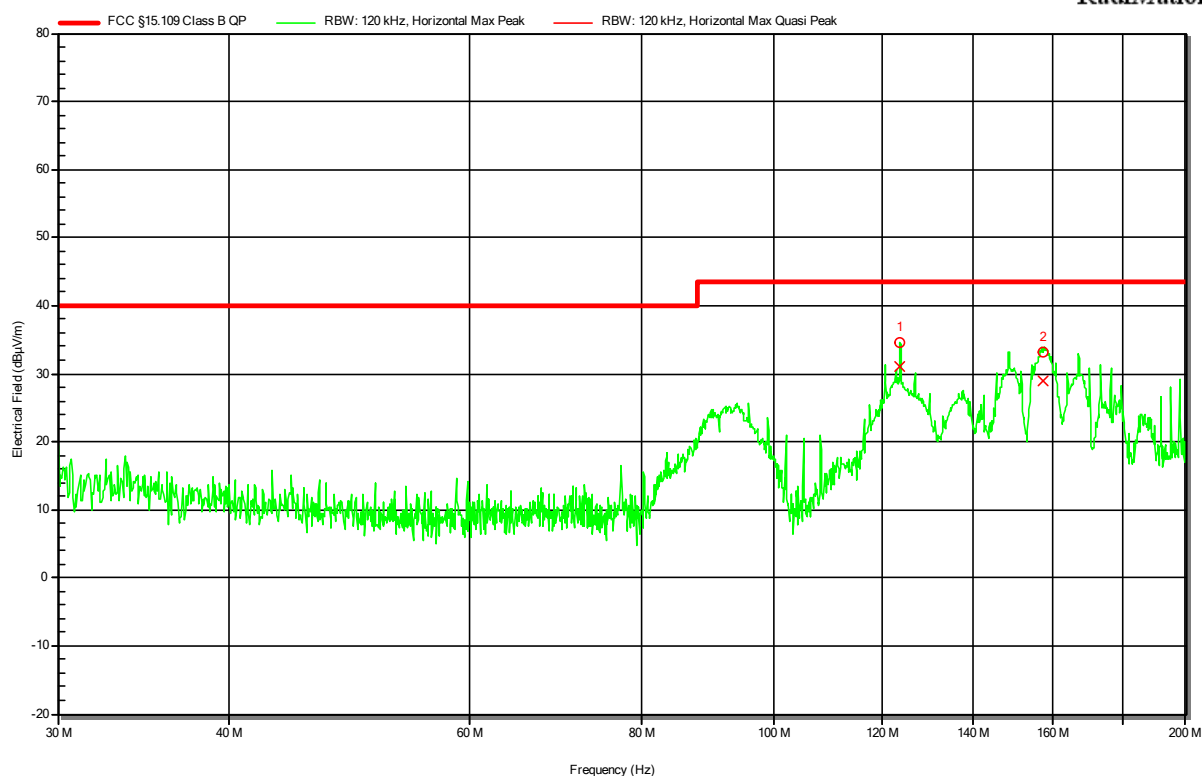
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

# Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36734+34149  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-11  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
Antenna: Rohde & Schwarz HK 116, Horizontal  
Measurement Distance: 3m  
Operational Mode & EUT Configuration: 3  
5  
Note 1:

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RadiMation



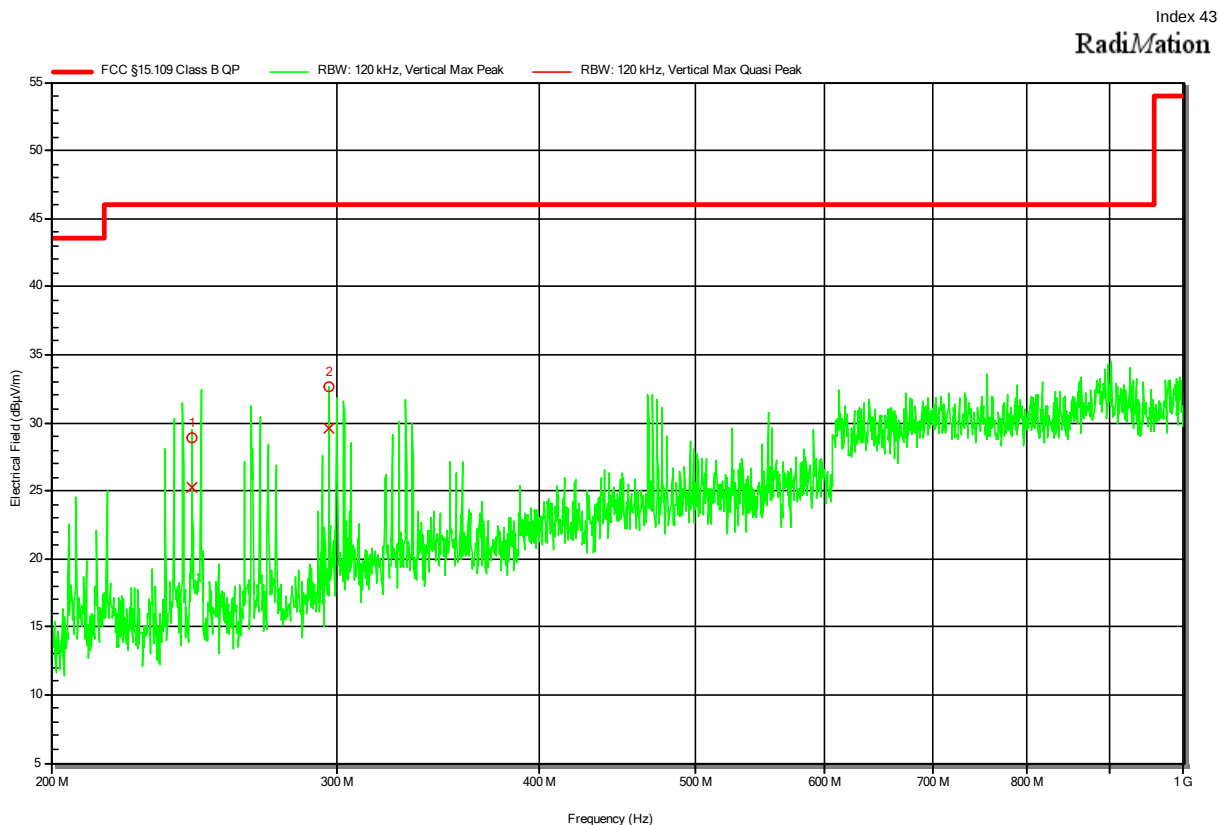
| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle       | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|-------------|--------|
| 1           | 123.737 MHz | 30.99 dBμV/m | 43.52 dBμV/m     | -12.54 dB             | Pass              | 100 degrees | 1.8 m  |
| 2           | 157.425 MHz | 29.05 dBμV/m | 43.52 dBμV/m     | -14.47 dB             | Pass              | 100 degrees | 1.8 m  |

Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

## Radiated emissions according to FCC part 15B

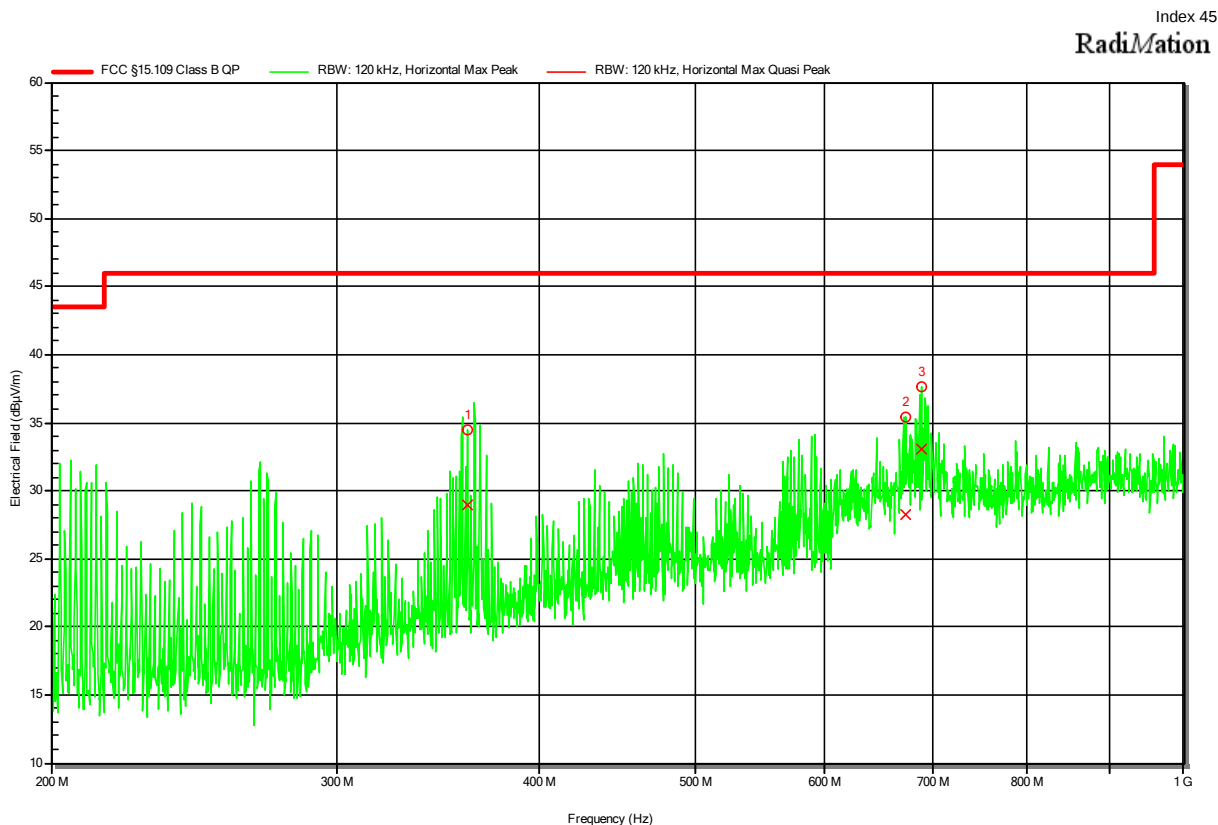
Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HL 223, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 5  
 Note 1:



| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle     | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|-----------|--------|
| 1           | 244.467 MHz | 25.21 dBµV/m | 46.02 dBµV/m     | -20.81 dB             | Pass              | 0 degrees | 1 m    |
| 2           | 297.04 MHz  | 29.61 dBµV/m | 46.02 dBµV/m     | -16.41 dB             | Pass              | 0 degrees | 1 m    |

**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HL 223, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 5  
 Note 1:



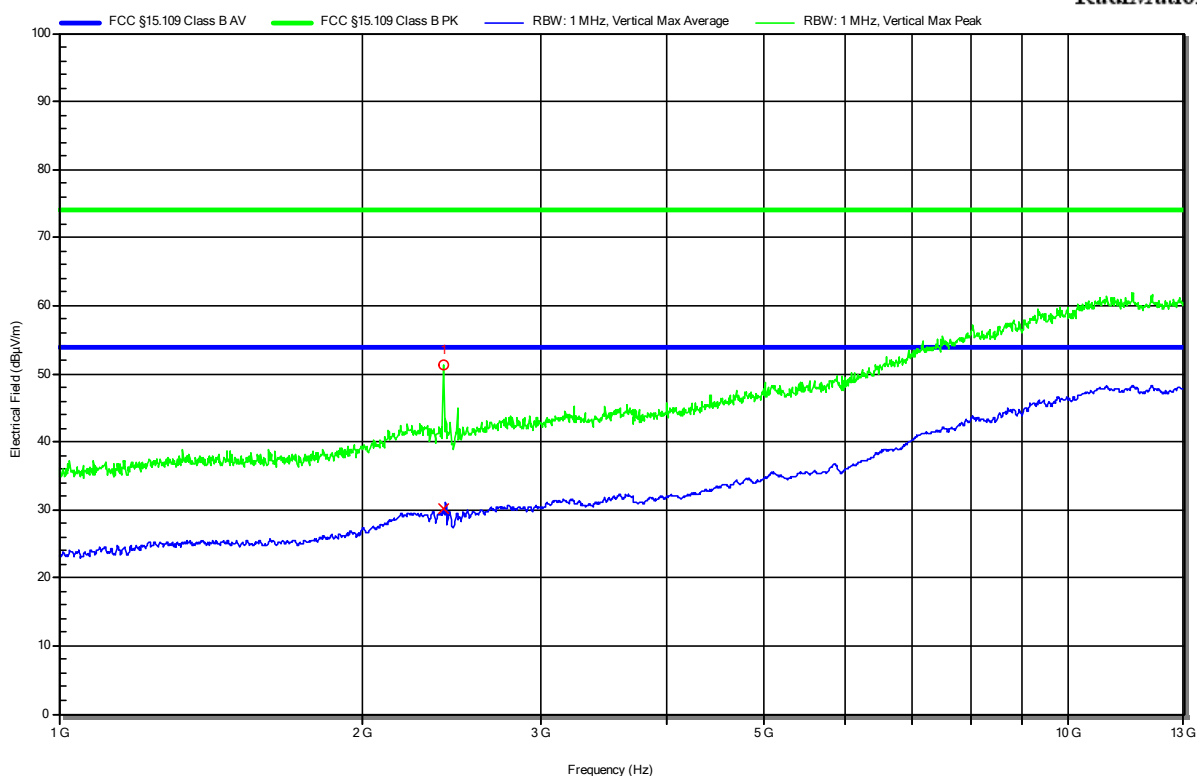
| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle      | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|------------|--------|
| 1           | 361.753 MHz | 29 dBµV/m    | 46.02 dBµV/m     | -17.02 dB             | Pass              | 76 degrees | 1.2 m  |
| 2           | 673.906 MHz | 28.25 dBµV/m | 46.02 dBµV/m     | -17.77 dB             | Pass              | 76 degrees | 1.2 m  |
| 3           | 689.343 MHz | 33.1 dBµV/m  | 46.02 dBµV/m     | -12.92 dB             | Pass              | 76 degrees | 1.2 m  |

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36734+34149  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-10  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
Antenna: Schwarzbeck BBHA 9120D, Vertical  
Measurement Distance: 3m  
Operational Mode & EUT Configuration: 3  
5  
Note 1: 2.4GHz Notchfilter

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RadiMation



| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.402 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

Test Report No.: G0M-2109-1042-EF0115B-V01

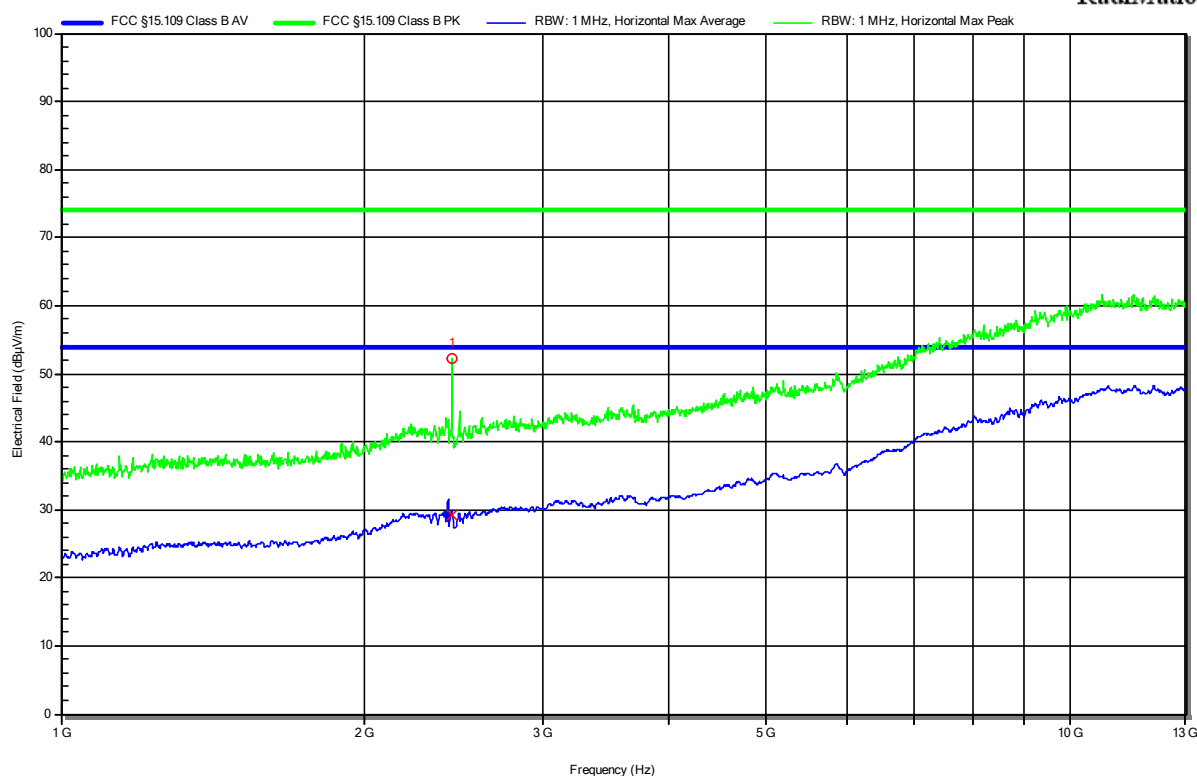
Eurofins Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 Note 1: 2.4GHz Notchfilter

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RadiMation



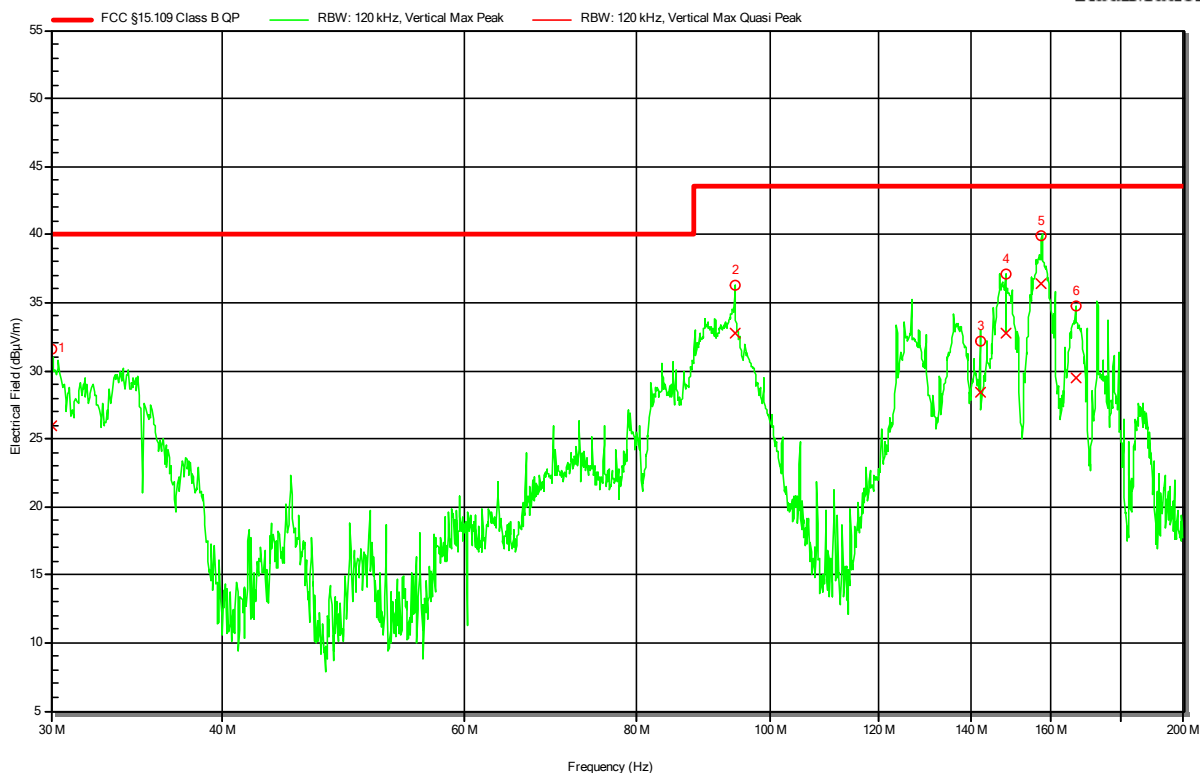
| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.436 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

# Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36734+34149  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-11  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
Antenna: Rohde & Schwarz HK 116, Vertical  
Measurement Distance: 3m  
Operational Mode & 2  
EUT Configuration: 3  
Note 1:

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**RadiMation**



| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle       | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|-------------|--------|
| 1           | 30 MHz      | 25.9 dBµV/m  | 40 dBµV/m        | -14.1 dB              | Pass              | 120 degrees | 1 m    |
| 2           | 94.265 MHz  | 32.73 dBµV/m | 43.52 dBµV/m     | -10.79 dB             | Pass              | 120 degrees | 1 m    |
| 3           | 142.19 MHz  | 28.47 dBµV/m | 43.52 dBµV/m     | -15.05 dB             | Pass              | 120 degrees | 1 m    |
| 4           | 148.4 MHz   | 32.74 dBµV/m | 43.52 dBµV/m     | -10.78 dB             | Pass              | 120 degrees | 1 m    |
| 5           | 157.647 MHz | 36.42 dBµV/m | 43.52 dBµV/m     | -7.1 dB               | Pass              | 120 degrees | 1 m    |
| 6           | 166.853 MHz | 29.52 dBµV/m | 43.52 dBµV/m     | -14 dB                | Pass              | 120 degrees | 1 m    |

Test Report No.: G0M-2109-1042-EF0115B-V01

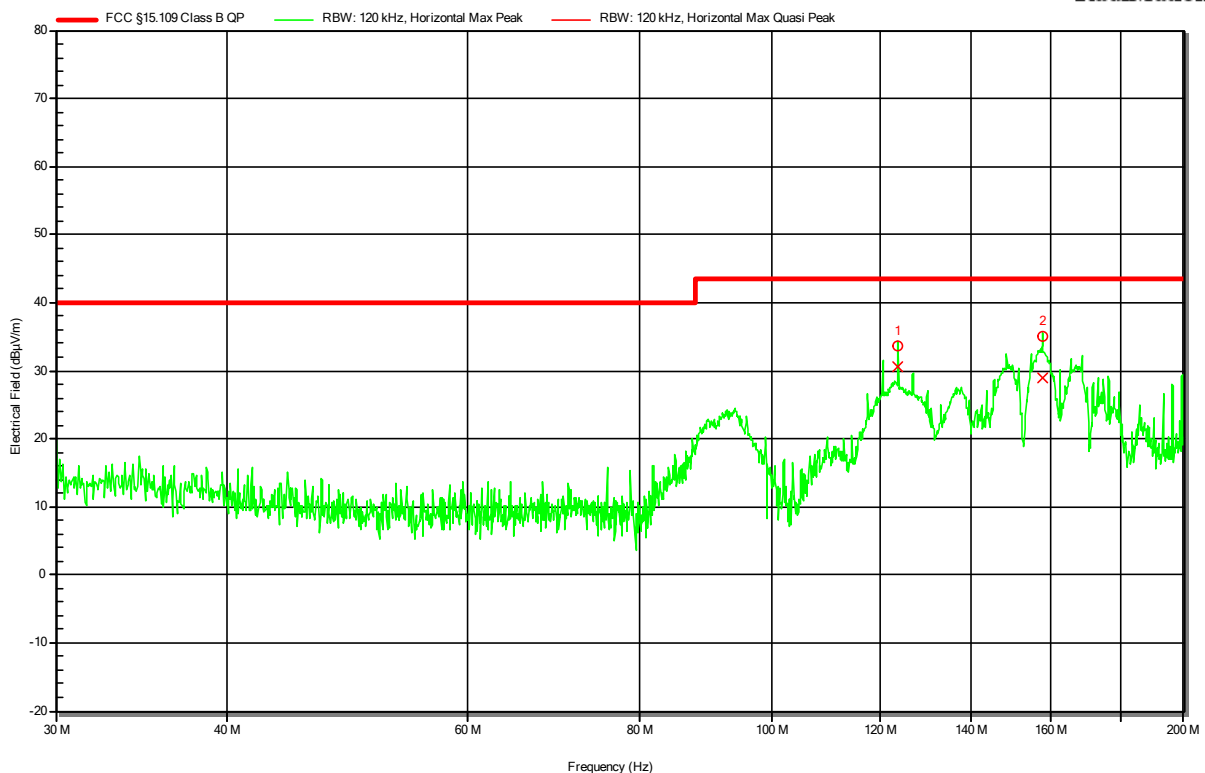
Eurofins Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HK 116, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & 2  
 EUT Configuration: 3  
 Note 1:

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RadiMation



| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle      | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|------------|--------|
| 1           | 123.677 MHz | 30.58 dBμV/m | 43.52 dBμV/m     | -12.94 dB             | Pass              | 94 degrees | 2 m    |
| 2           | 157.689 MHz | 28.87 dBμV/m | 43.52 dBμV/m     | -14.65 dB             | Pass              | 94 degrees | 2 m    |

Test Report No.: G0M-2109-1042-EF0115B-V01

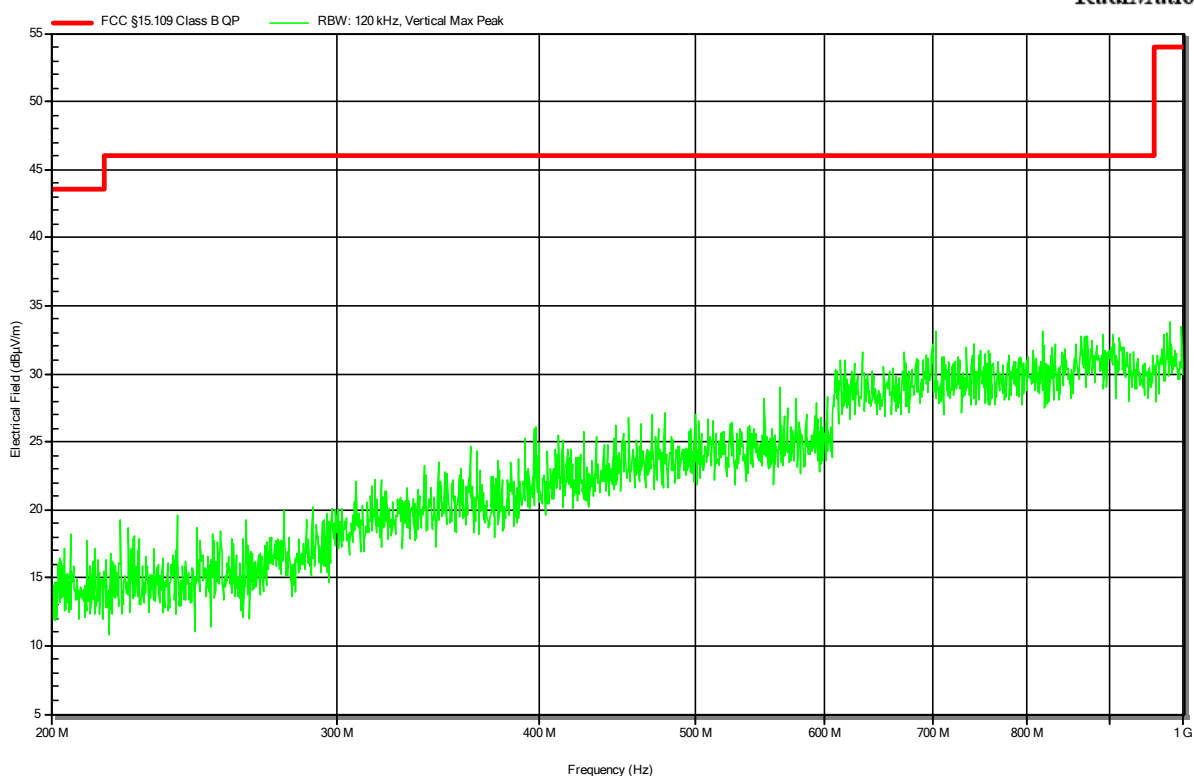
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HL 223, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 3  
 Note 1:

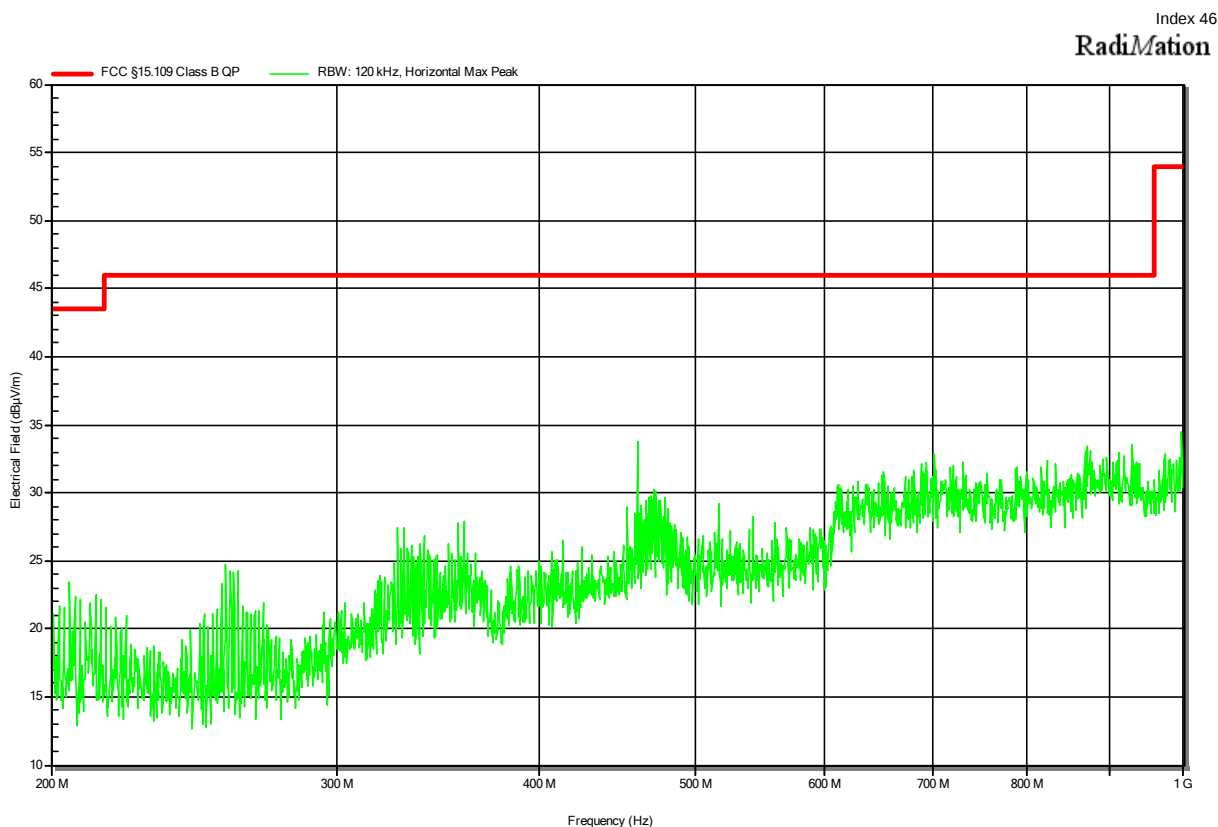
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## Radiated emissions according to FCC part 15B

|                                          |                                                                 |
|------------------------------------------|-----------------------------------------------------------------|
| Project Number:                          | G0M-2109-1042                                                   |
| Applicant:                               | Philip Morris Products S.A.                                     |
| Model Description:                       | Electronic Vaping System                                        |
| Model:                                   | B-1603                                                          |
| Test Sample ID:                          | 36734+34149                                                     |
| Test Site:                               | Eurofins Product Service GmbH                                   |
| Operator:                                | Mr. Handrik                                                     |
| Test Date:                               | 2021-11-10                                                      |
| Operating Conditions:                    | ambient temperature: 21 °Celsius<br>power input: 120V AC / 60Hz |
| Antenna:                                 | Rohde & Schwarz HL 223, Horizontal                              |
| Measurement Distance:                    | 3m                                                              |
| Operational Mode &<br>EUT Configuration: | 2<br>3                                                          |
| Note 1:                                  |                                                                 |

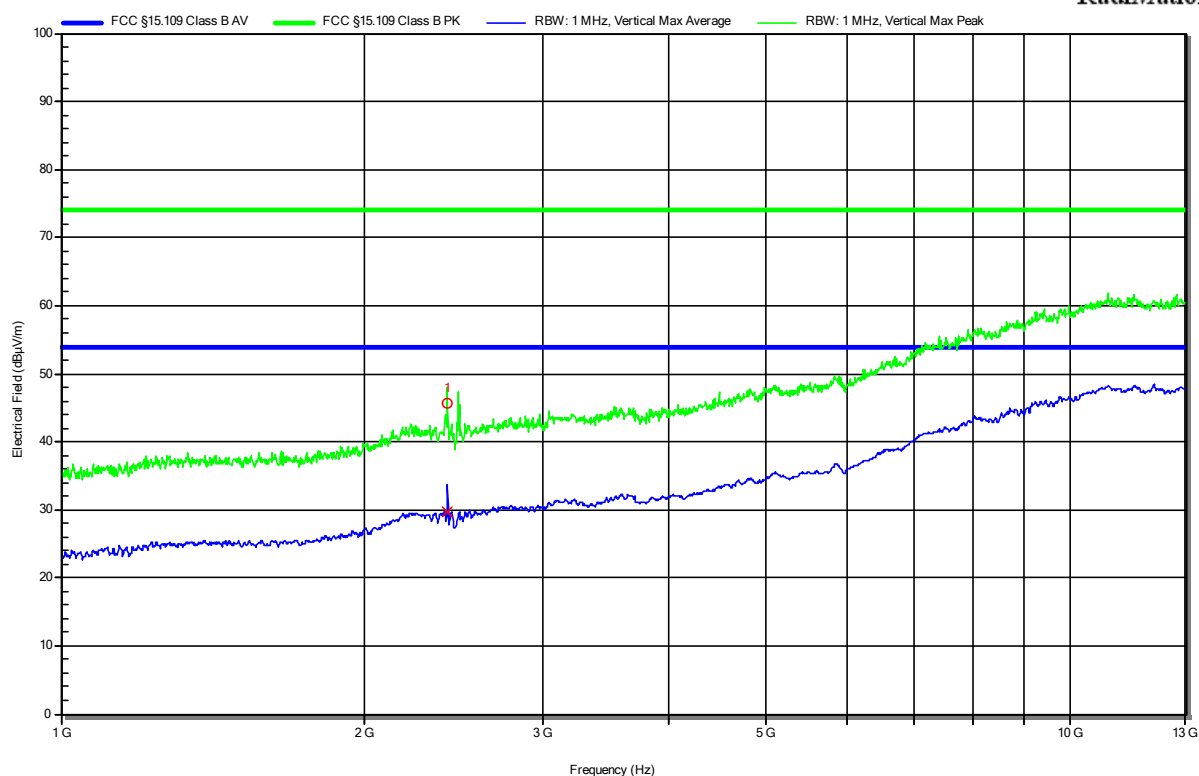


## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 3  
 Note 1: 2.4GHz Notchfilter

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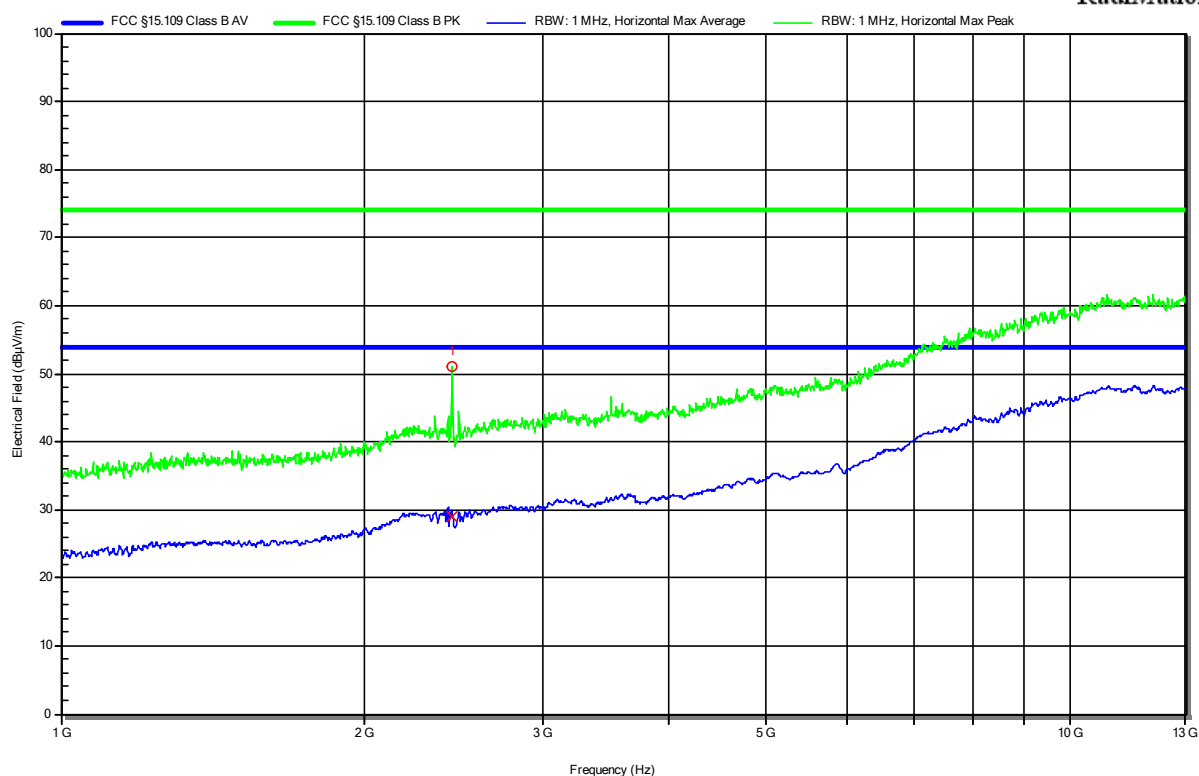
| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.412 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734+34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 Note 1: 2.4GHz Notchfilter

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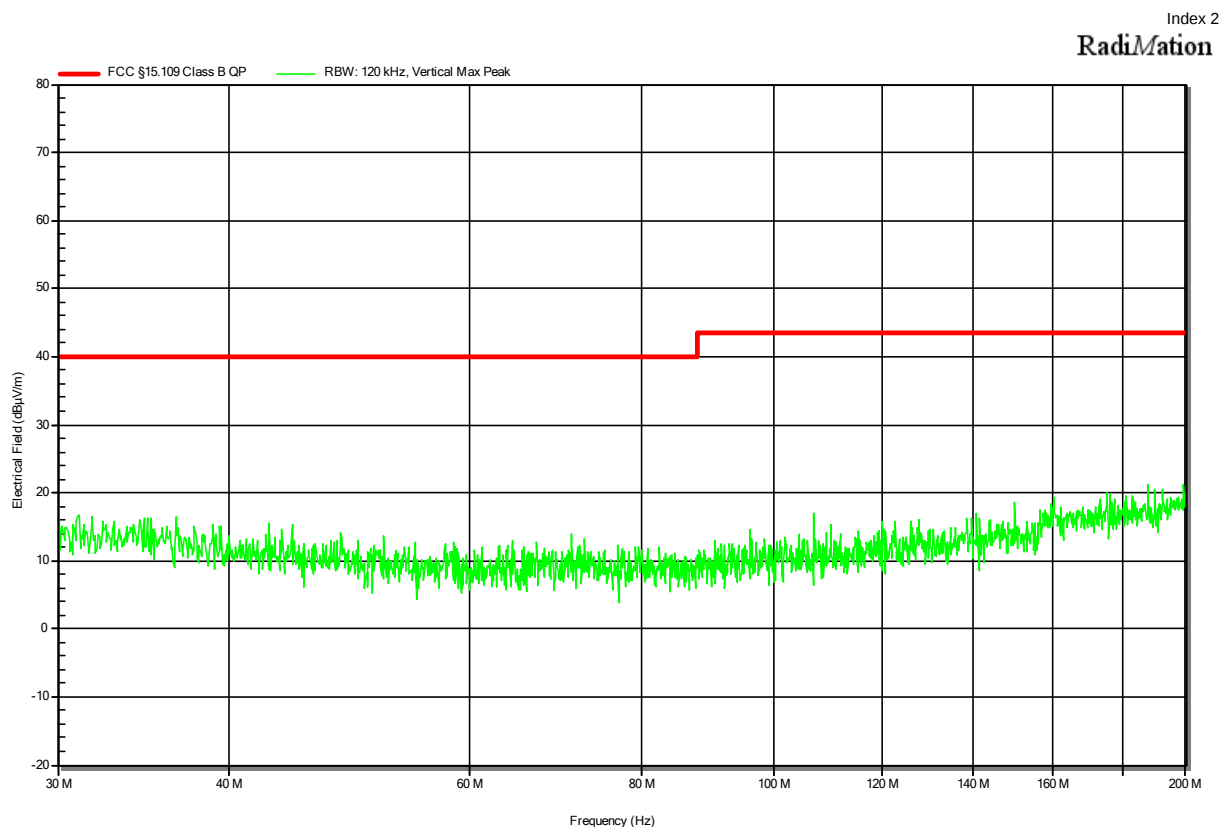
RadiMation



| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.442 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 3.8V DC  
 Antenna: Rohde & Schwarz HK 116, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 1  
 Note 1:

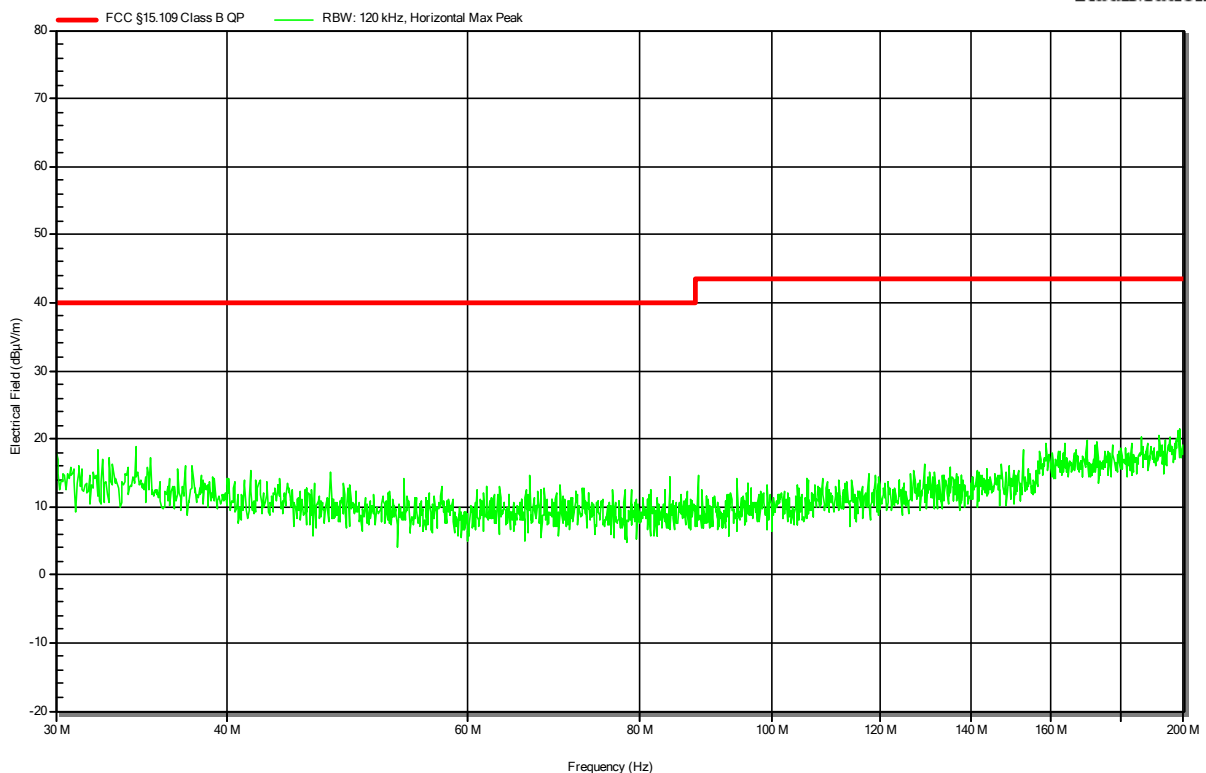


## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 3.8V DC  
 Antenna: Rohde & Schwarz HK 116, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 1  
 Note 1:

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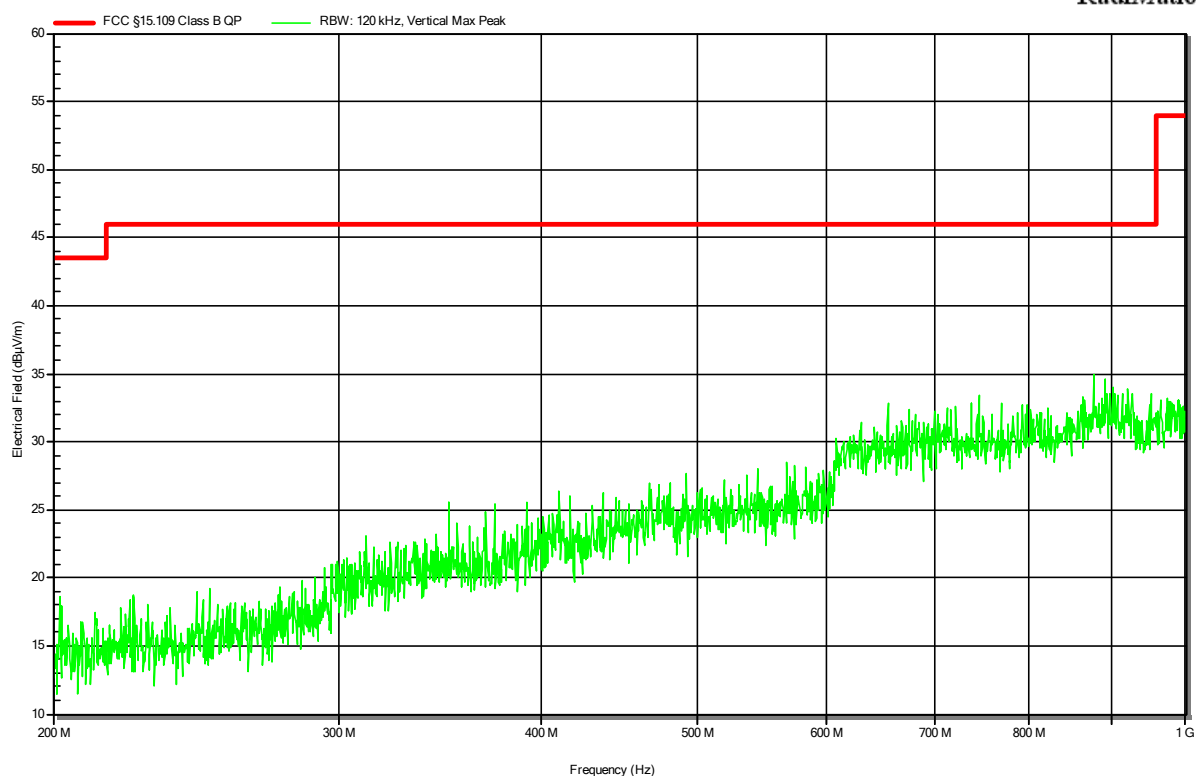


# Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36737  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-09  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 3.8V DC  
Antenna: Rohde & Schwarz HL 223, Vertical  
Measurement Distance: 3m  
Operational Mode & EUT Configuration: 1  
Note 1:

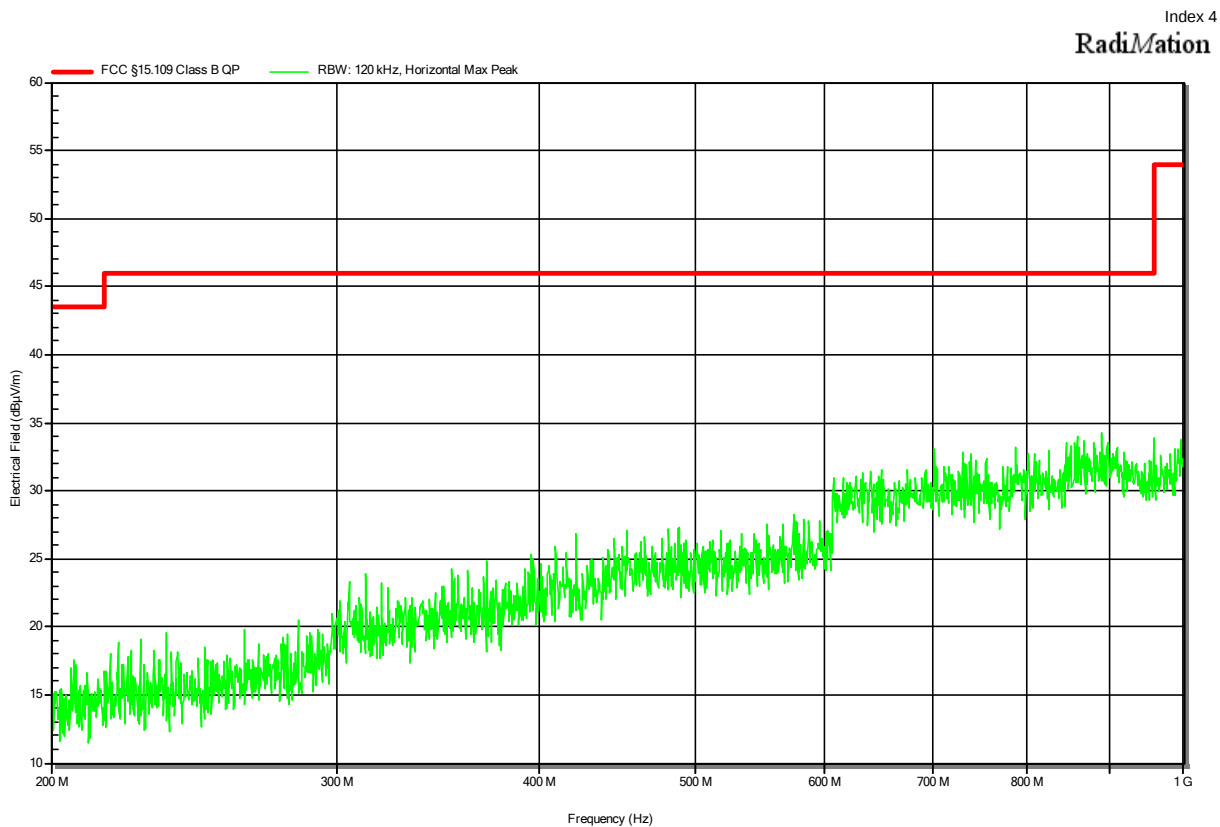
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RadiMation



## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 3.8V DC  
 Antenna: Rohde & Schwarz HL 223, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 1  
 Note 1:

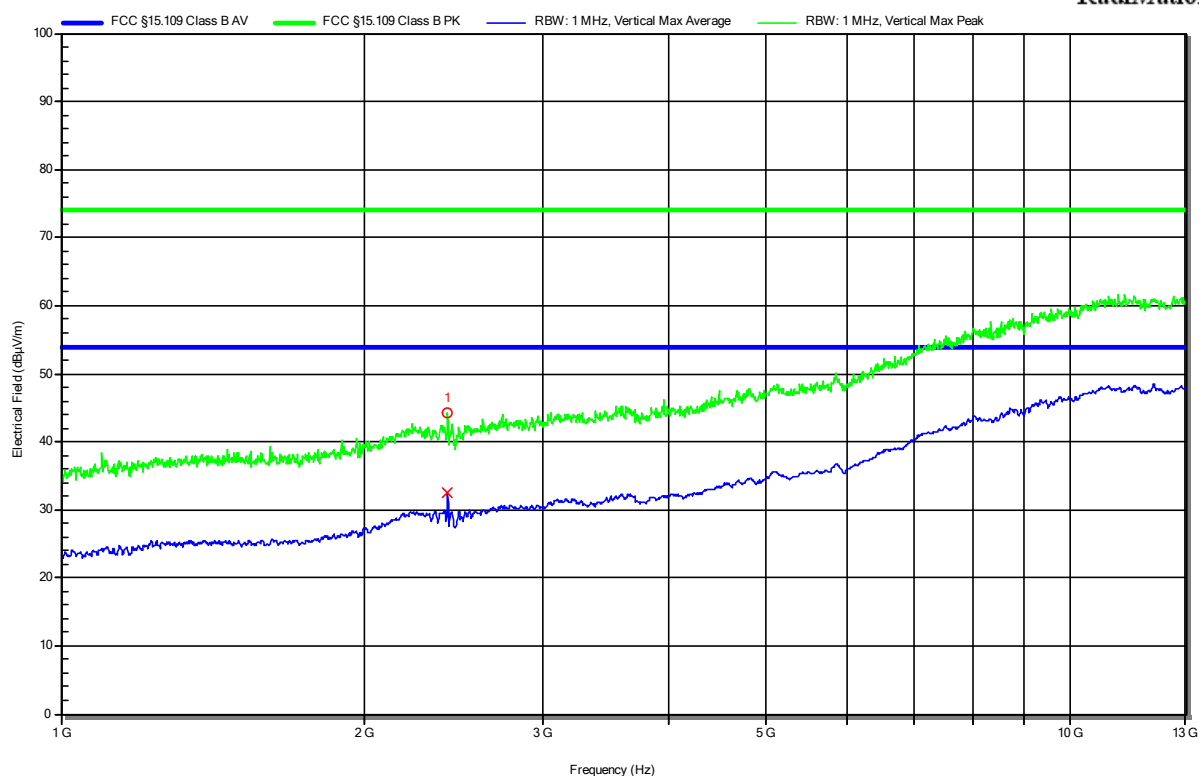


## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 3.8V DC  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 1  
 Note 1: 2.4GHz Notchfilter

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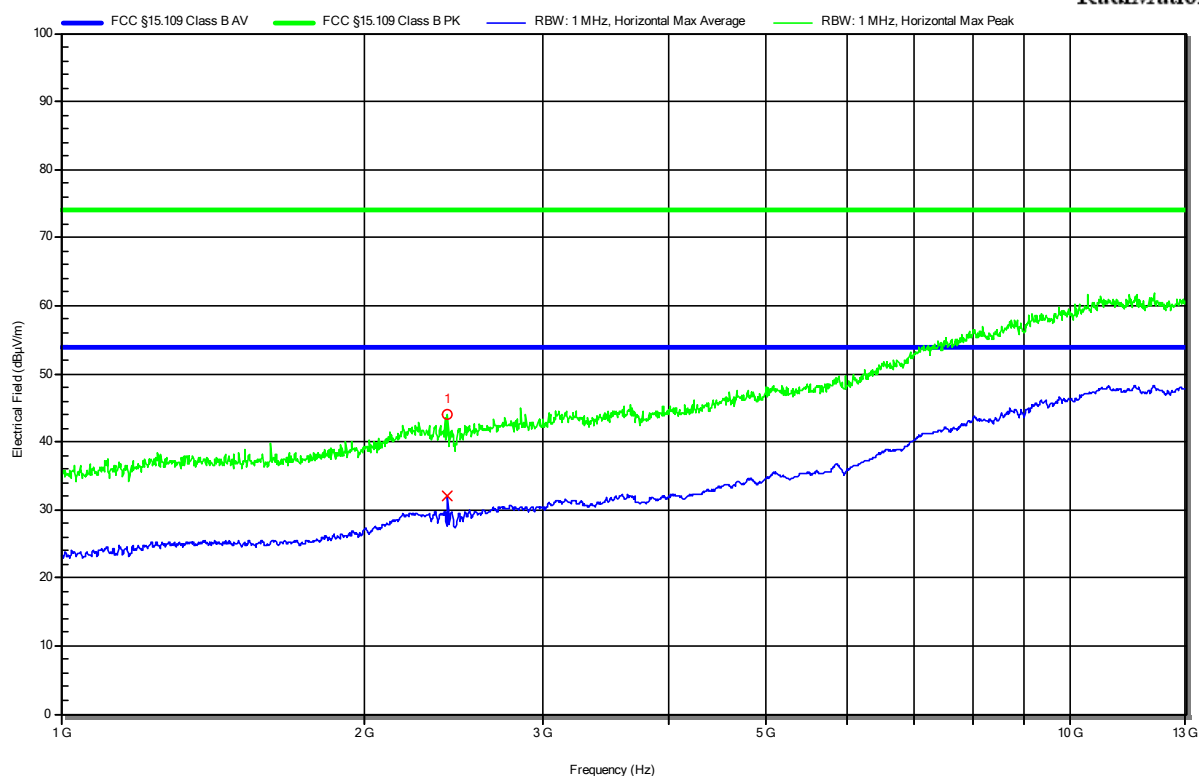
| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.415 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 3.8V DC  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 1  
 Note 1: 2.4GHz Notchfilter

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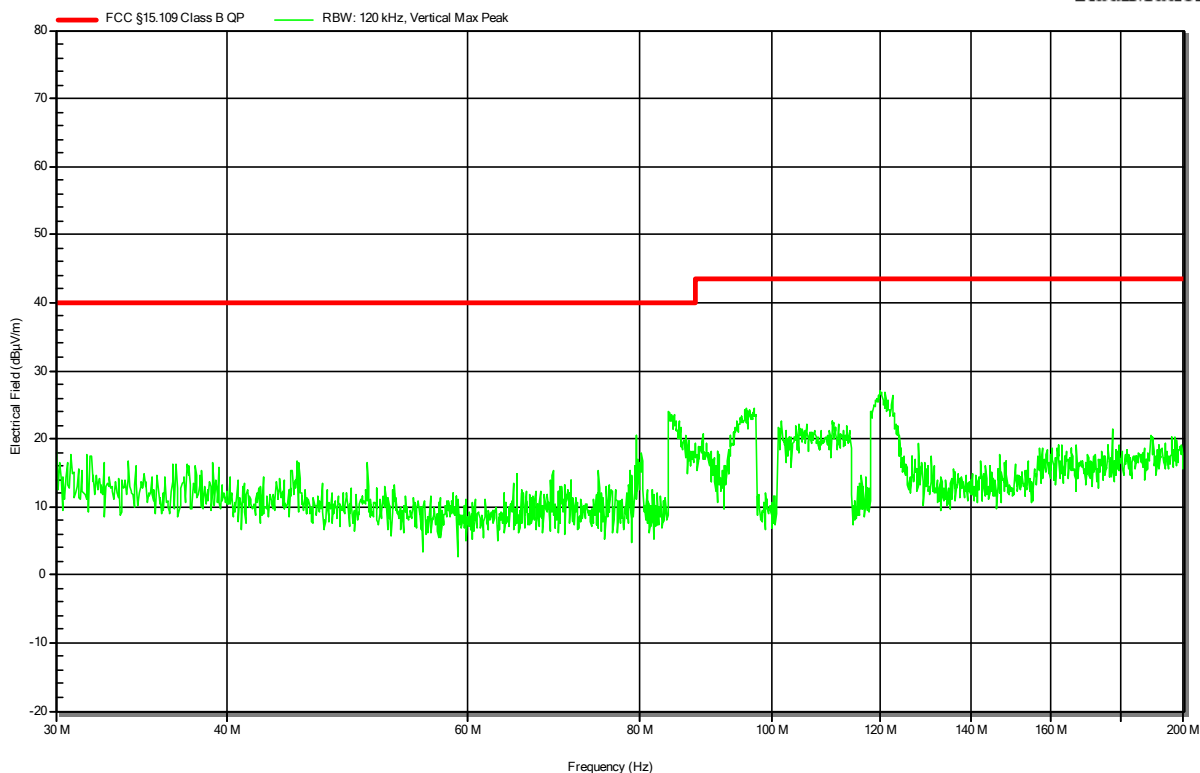
| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.415 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HK 116, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 4  
 Note 1:

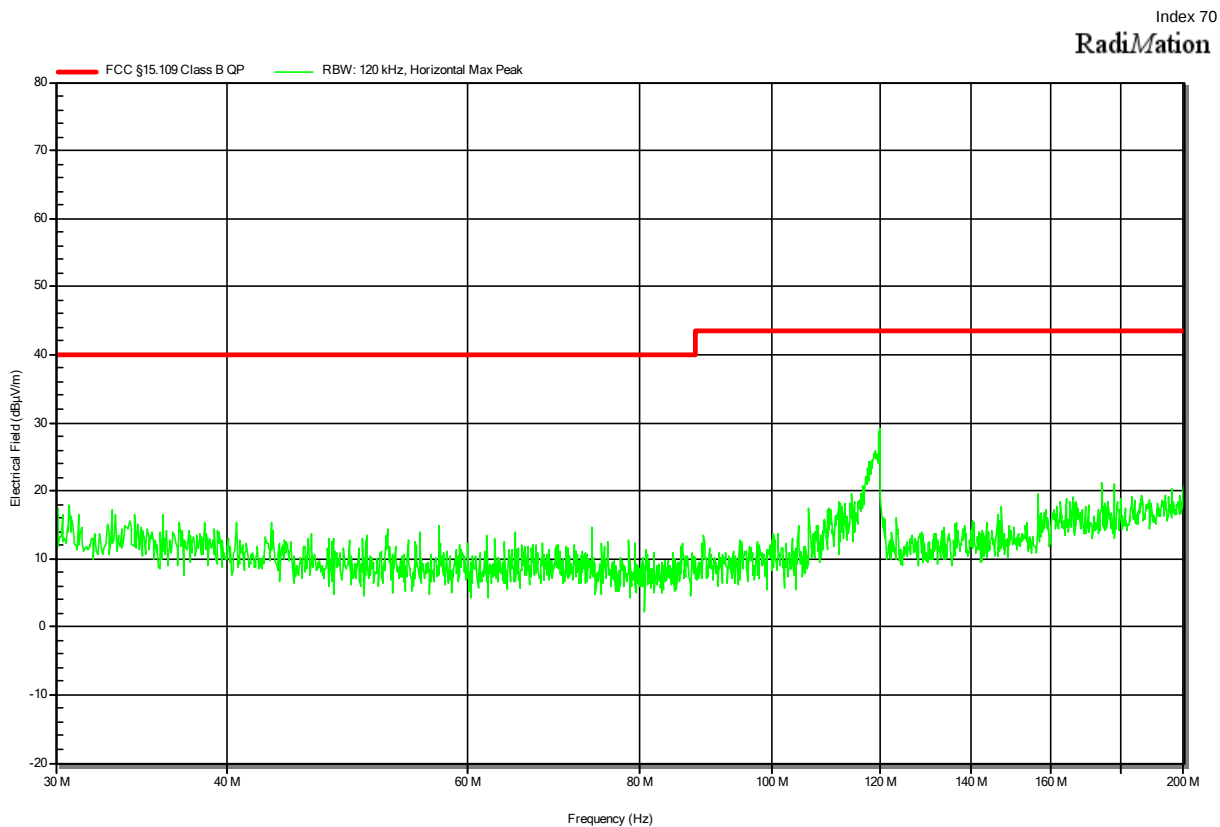
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**RadiMation**



## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HK 116, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & 3  
 EUT Configuration: 4  
 Note 1:

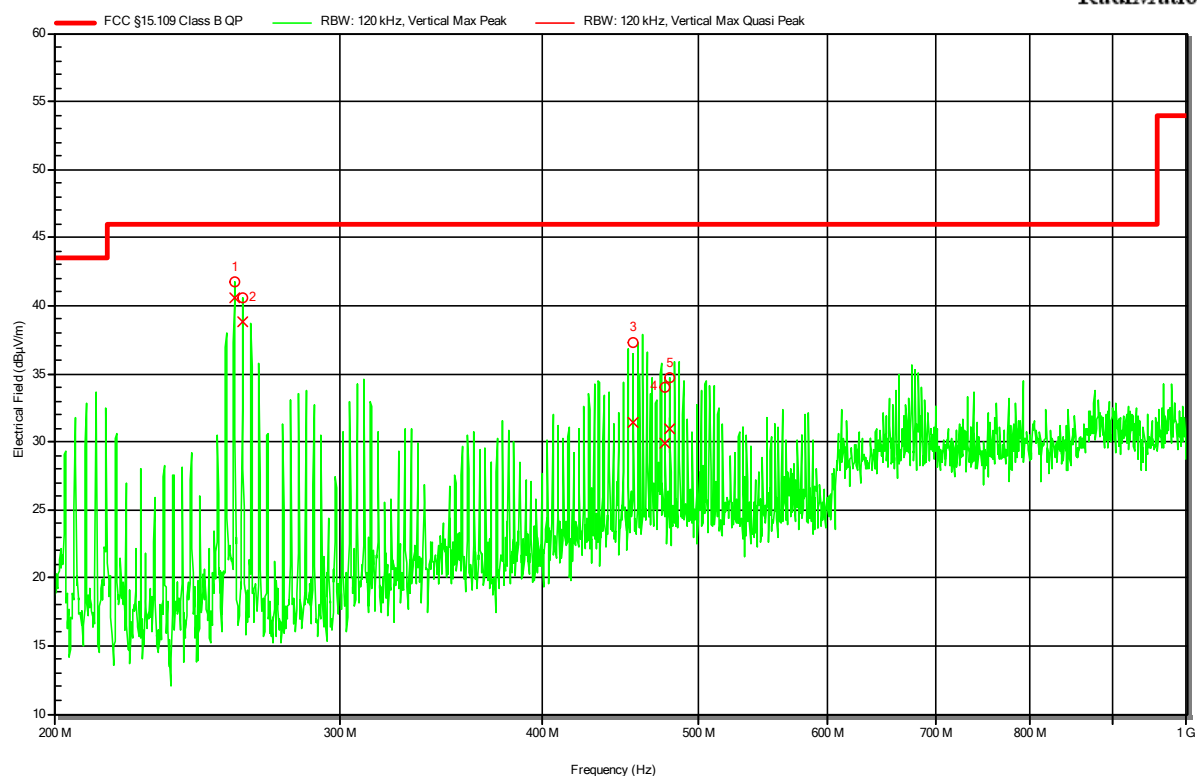


**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HL 223, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 4  
 Note 1:

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**RadiMation**



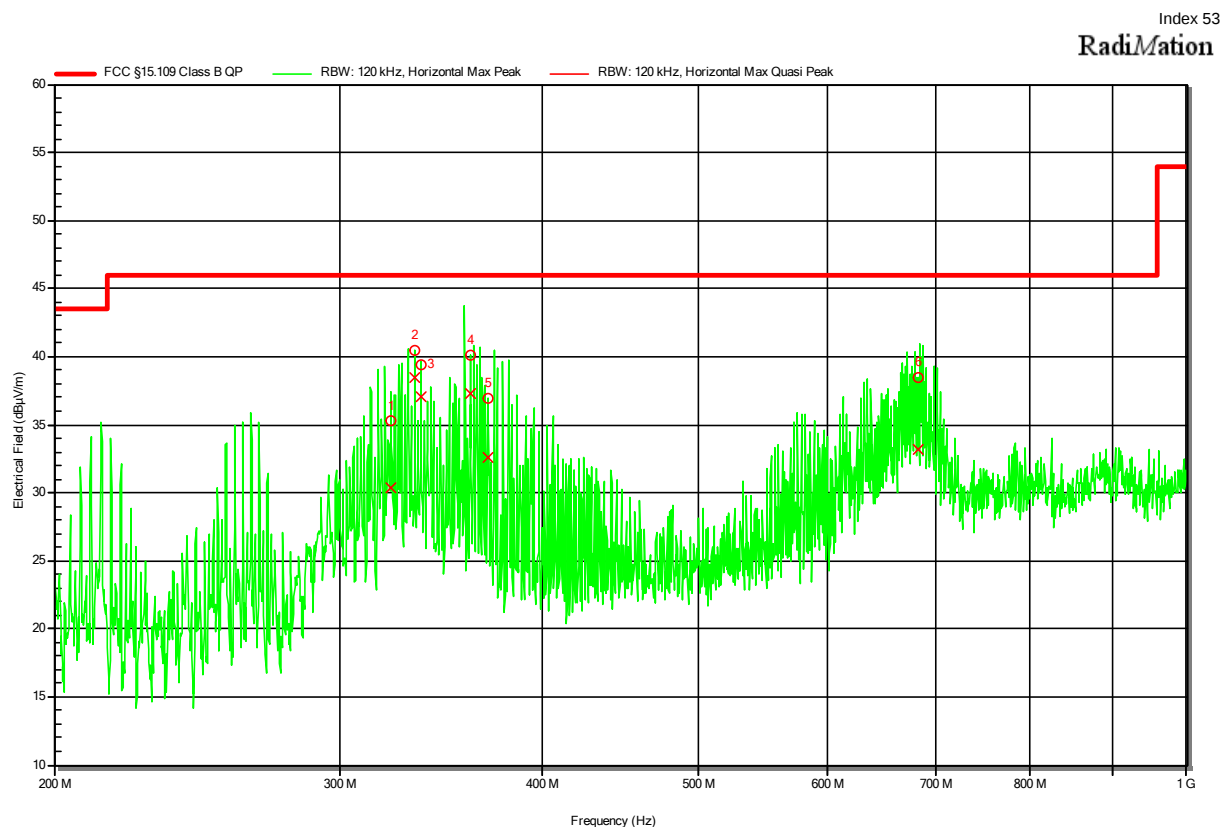
| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle     | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|-----------|--------|
| 1           | 258.385 MHz | 40.59 dBµV/m | 46.02 dBµV/m     | -5.43 dB              | Pass              | 0 degrees | 1 m    |
| 2           | 261.429 MHz | 38.84 dBµV/m | 46.02 dBµV/m     | -7.18 dB              | Pass              | 0 degrees | 1 m    |
| 3           | 455.239 MHz | 31.38 dBµV/m | 46.02 dBµV/m     | -14.64 dB             | Pass              | 0 degrees | 1 m    |
| 4           | 476.806 MHz | 29.93 dBµV/m | 46.02 dBµV/m     | -16.09 dB             | Pass              | 0 degrees | 1 m    |
| 5           | 479.868 MHz | 30.95 dBµV/m | 46.02 dBµV/m     | -15.07 dB             | Pass              | 0 degrees | 1 m    |

Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HL 223, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 Note 1: 4



| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle      | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|------------|--------|
| 1           | 322.918 MHz | 30.4 dBµV/m  | 46.02 dBµV/m     | -15.62 dB             | Pass              | 96 degrees | 1.2 m  |
| 2           | 333.72 MHz  | 38.46 dBµV/m | 46.02 dBµV/m     | -7.57 dB              | Pass              | 96 degrees | 1.2 m  |
| 3           | 336.776 MHz | 37.11 dBµV/m | 46.02 dBµV/m     | -8.91 dB              | Pass              | 96 degrees | 1.2 m  |
| 4           | 361.357 MHz | 37.25 dBµV/m | 46.02 dBµV/m     | -8.77 dB              | Pass              | 96 degrees | 1.2 m  |
| 5           | 370.597 MHz | 32.54 dBµV/m | 46.02 dBµV/m     | -13.48 dB             | Pass              | 96 degrees | 1.2 m  |
| 6           | 682.678 MHz | 33.21 dBµV/m | 46.02 dBµV/m     | -12.81 dB             | Pass              | 96 degrees | 1.2 m  |

Test Report No.: G0M-2109-1042-EF0115B-V01

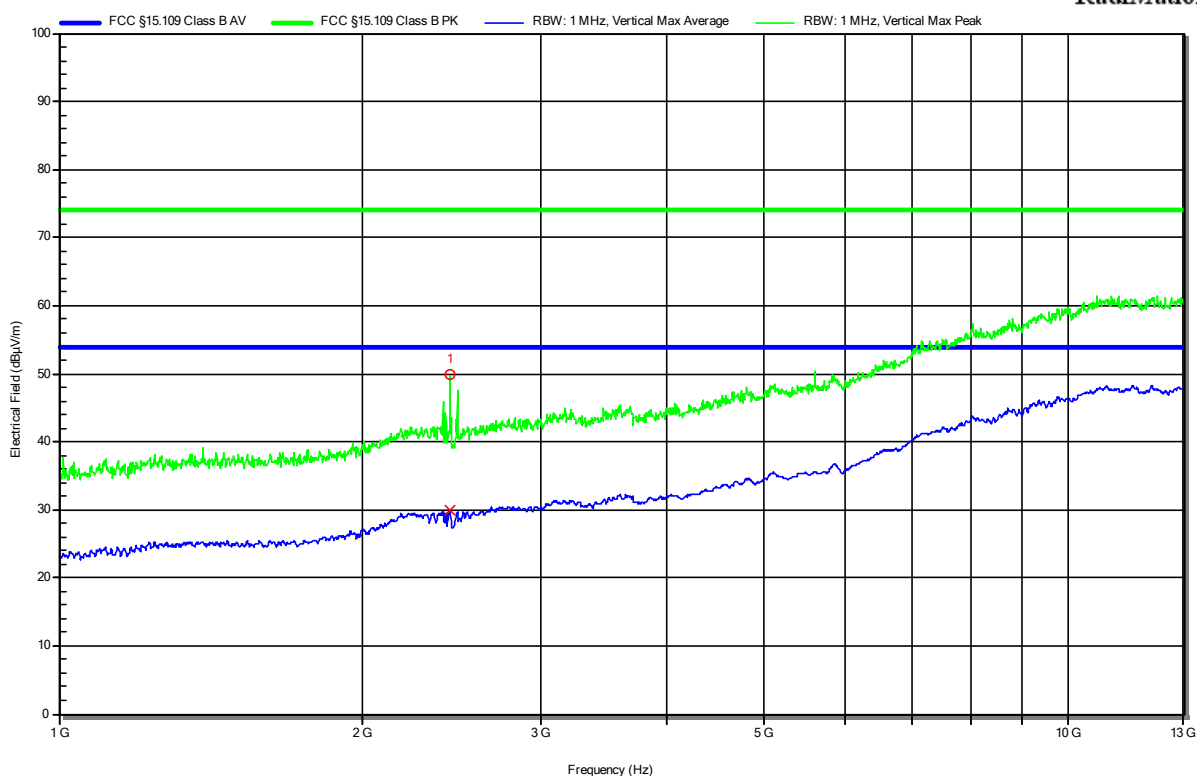
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 4  
 Note 1: 2.4GHz Notchfilter

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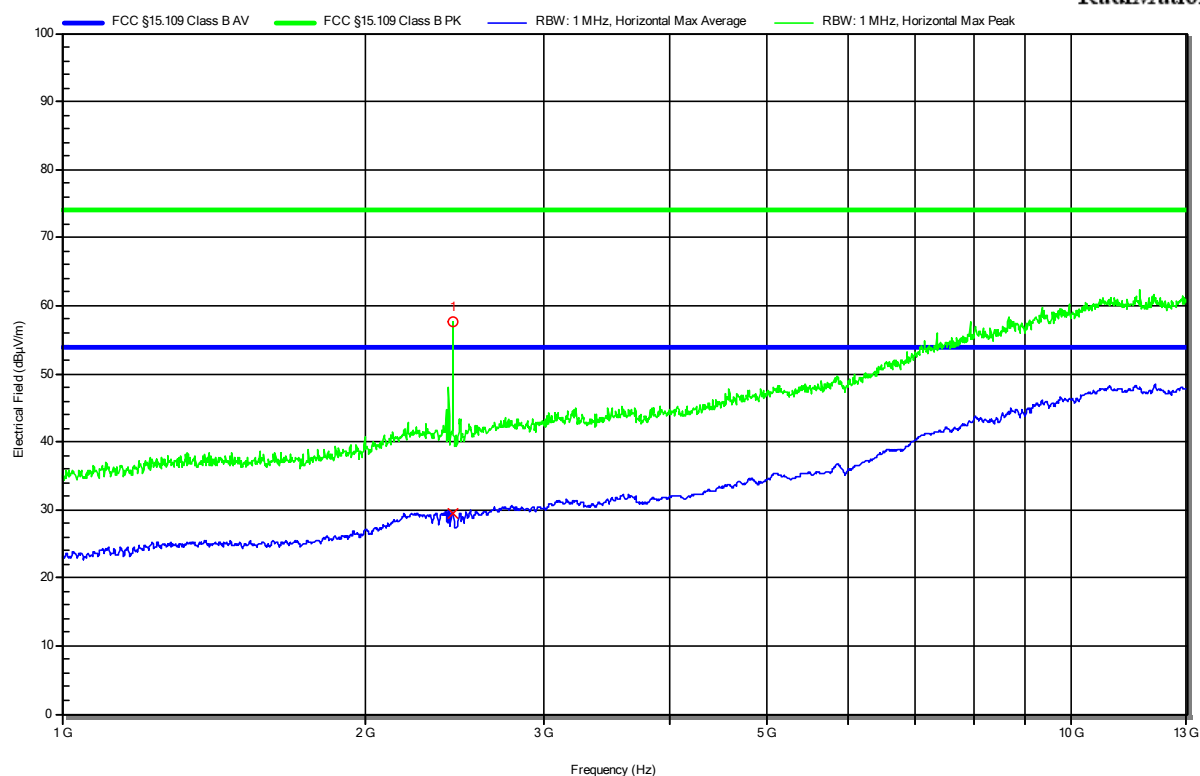
| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.437 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 Note 1: 2.4GHz Notchfilter

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| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.438 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

Test Report No.: G0M-2109-1042-EF0115B-V01

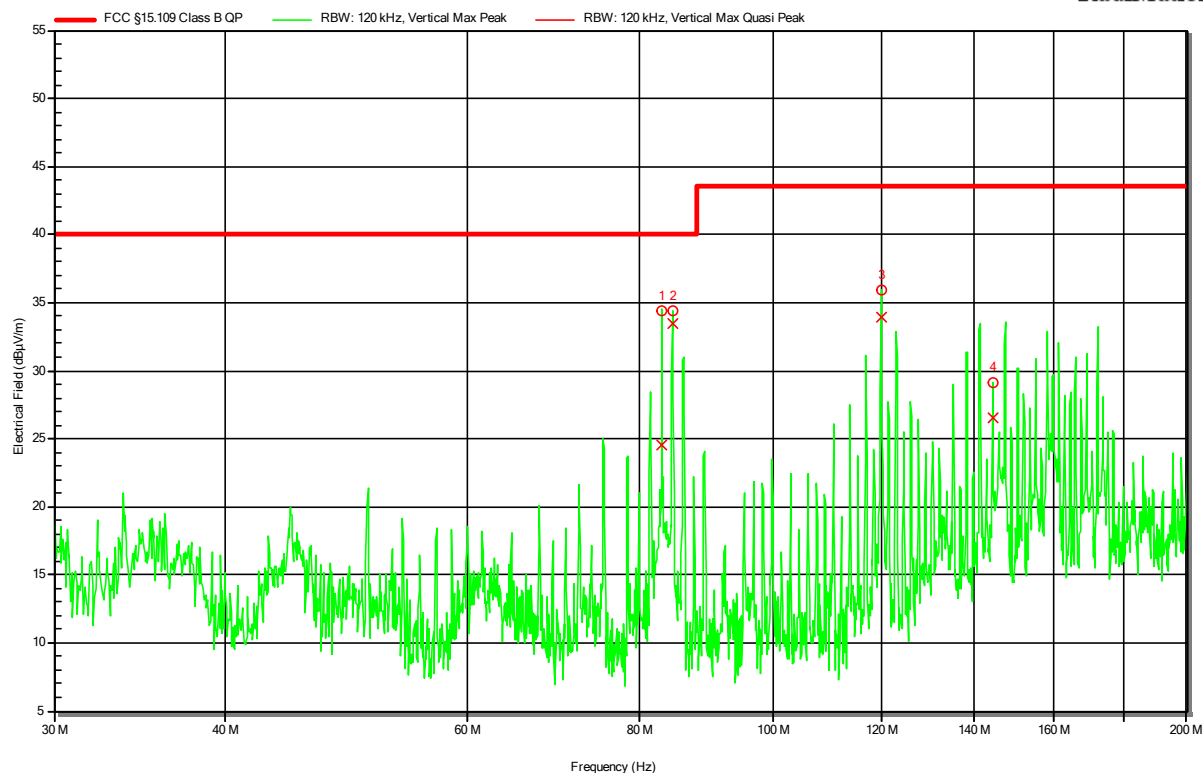
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HK 116, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 Note 1:

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**RadiMation**



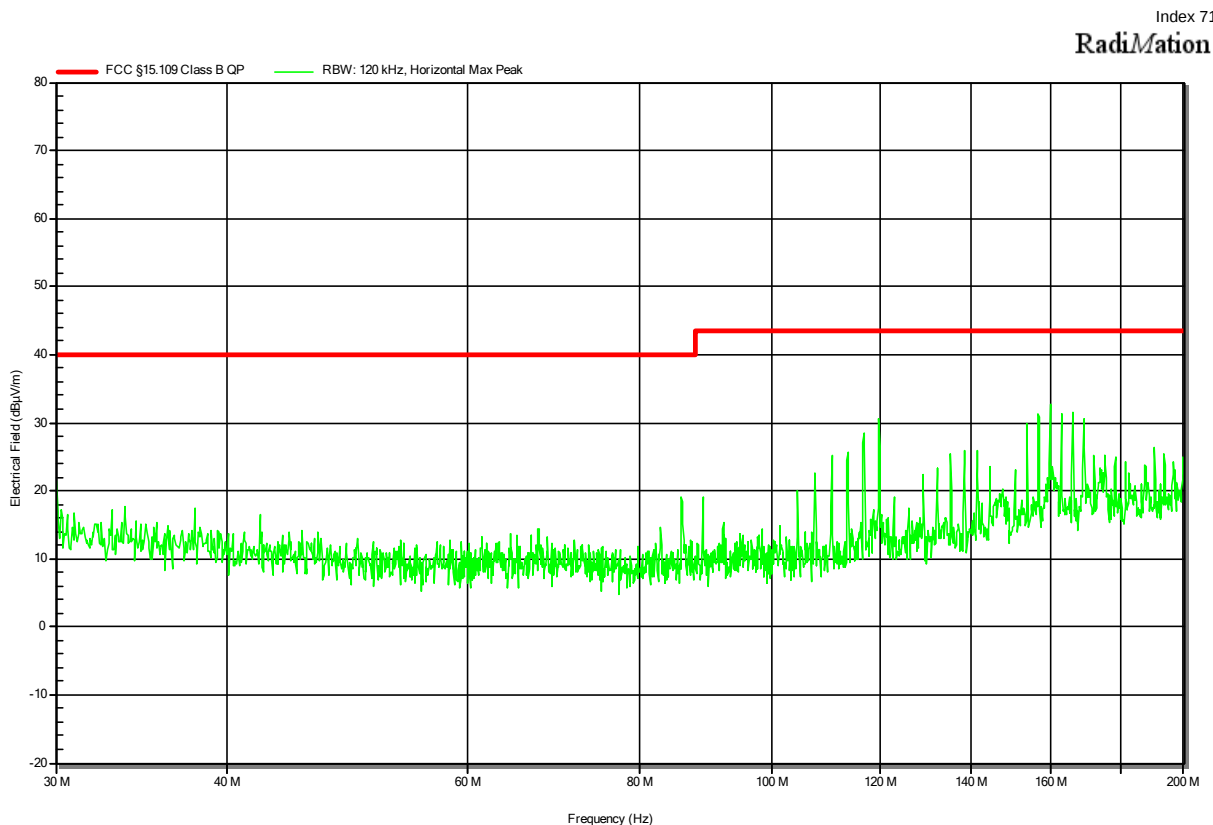
| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle     | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|-----------|--------|
| 1           | 83.036 MHz  | 24.53 dBμV/m | 40 dBμV/m        | -15.47 dB             | Pass              | 0 degrees | 1 m    |
| 2           | 84.537 MHz  | 33.51 dBμV/m | 40 dBμV/m        | -6.49 dB              | Pass              | 0 degrees | 1 m    |
| 3           | 119.894 MHz | 33.98 dBμV/m | 43.52 dBμV/m     | -9.54 dB              | Pass              | 0 degrees | 1 m    |
| 4           | 144.484 MHz | 26.48 dBμV/m | 43.52 dBμV/m     | -17.04 dB             | Pass              | 0 degrees | 1 m    |

Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Radiated emissions  
according to FCC part 15B**

|                                          |                                                                 |
|------------------------------------------|-----------------------------------------------------------------|
| Project Number:                          | G0M-2109-1042                                                   |
| Applicant:                               | Philip Morris Products S.A.                                     |
| Model Description:                       | Electronic Vaping System                                        |
| Model:                                   | B-1603                                                          |
| Test Sample ID:                          | 36737 + 34139                                                   |
| Test Site:                               | Eurofins Product Service GmbH                                   |
| Operator:                                | Mr. Handrik                                                     |
| Test Date:                               | 2021-11-11                                                      |
| Operating Conditions:                    | ambient temperature: 21 °Celsius<br>power input: 120V AC / 60Hz |
| Antenna:                                 | Rohde & Schwarz HK 116, Horizontal                              |
| Measurement Distance:                    | 3m                                                              |
| Operational Mode &<br>EUT Configuration: | 2<br>2                                                          |
| Note 1:                                  |                                                                 |

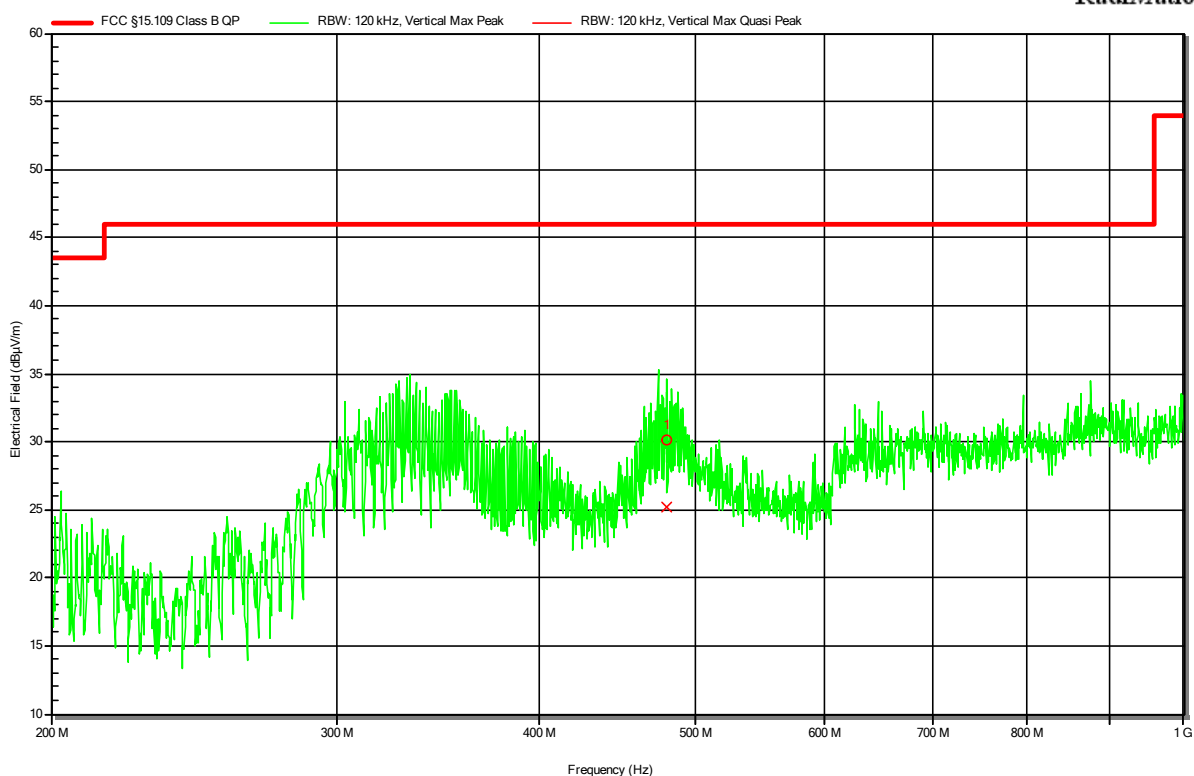


# Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36737 + 34139  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-11  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
Antenna: Rohde & Schwarz HL 223, Vertical  
Measurement Distance: 3m  
Operational Mode & EUT Configuration: 2  
Note 1:

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RadiMation



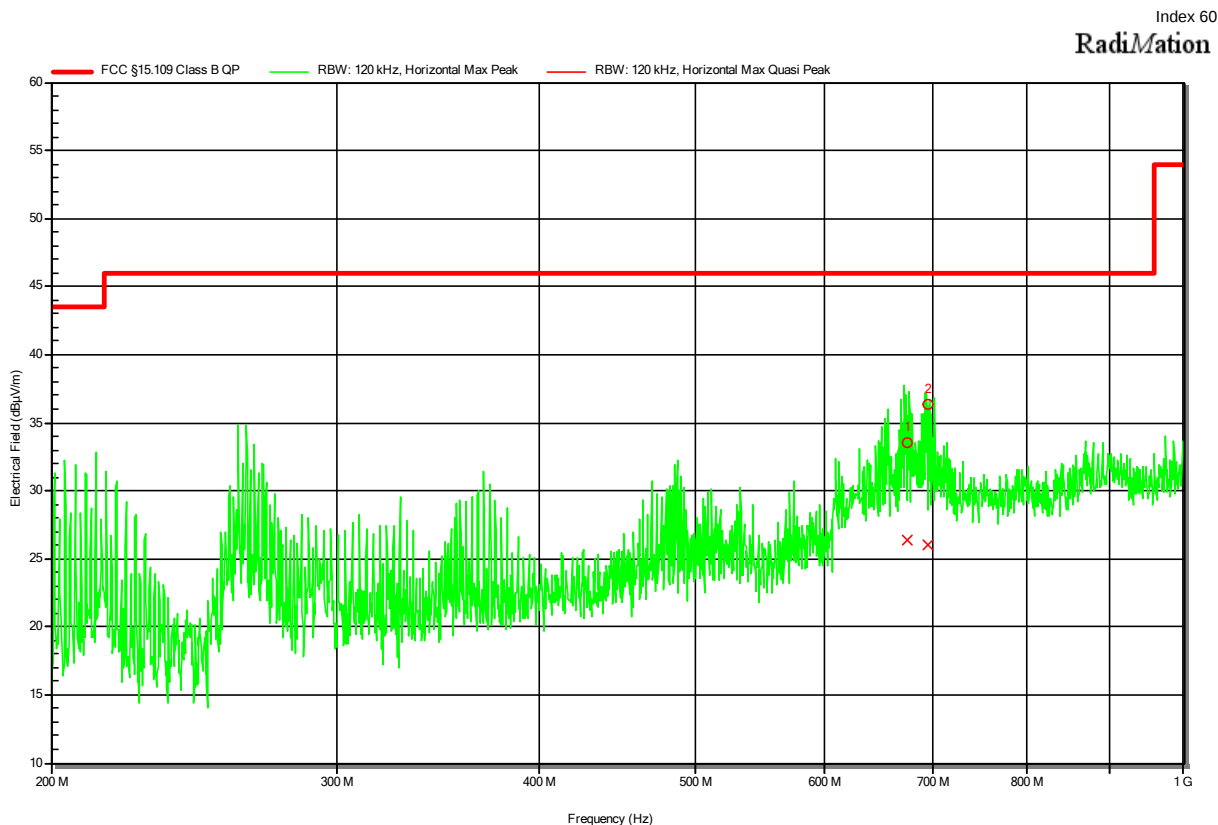
| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle      | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|------------|--------|
| 1           | 479.922 MHz | 25.25 dBμV/m | 46.02 dBμV/m     | -20.77 dB             | Pass              | 95 degrees | 1 m    |

Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HL 223, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 Note 1:



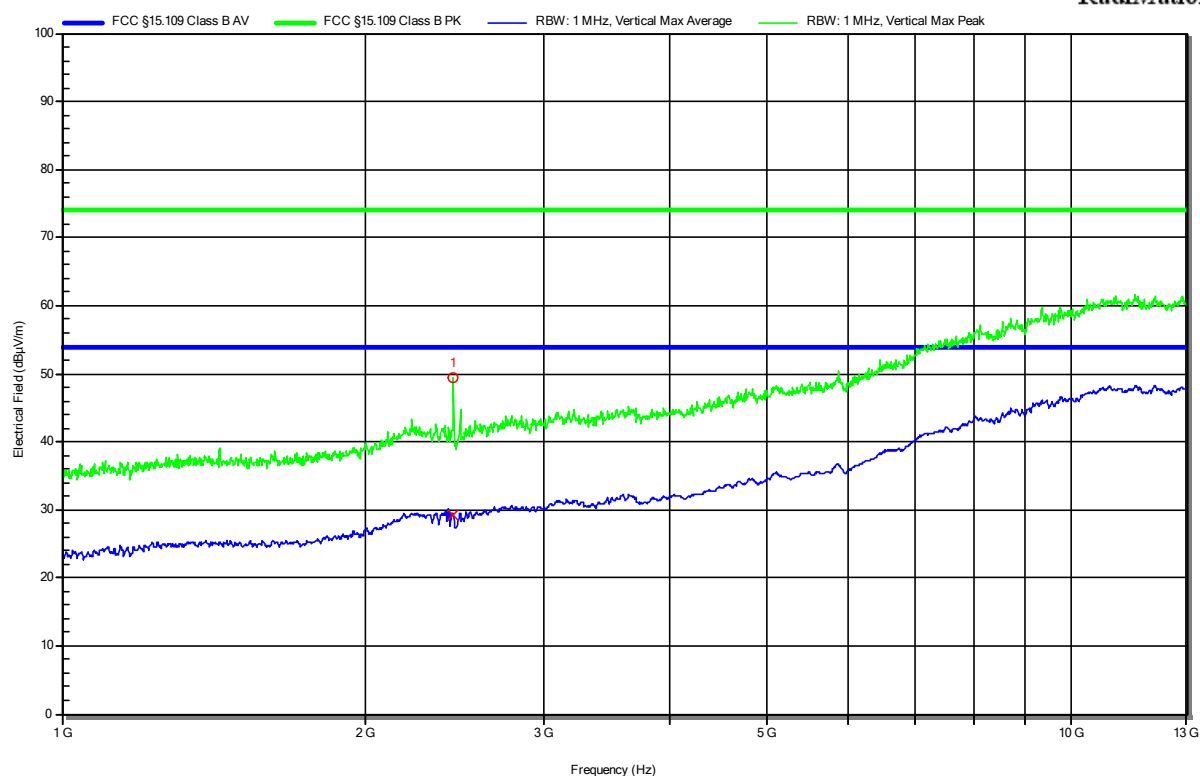
| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle      | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|------------|--------|
| 1           | 675.389 MHz | 26.41 dBµV/m | 46.02 dBµV/m     | -19.61 dB             | Pass              | 65 degrees | 1 m    |
| 2           | 695.407 MHz | 26 dBµV/m    | 46.02 dBµV/m     | -20.02 dB             | Pass              | 65 degrees | 1 m    |

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 Note 1: 2.4GHz Notchfilter

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RadiMation



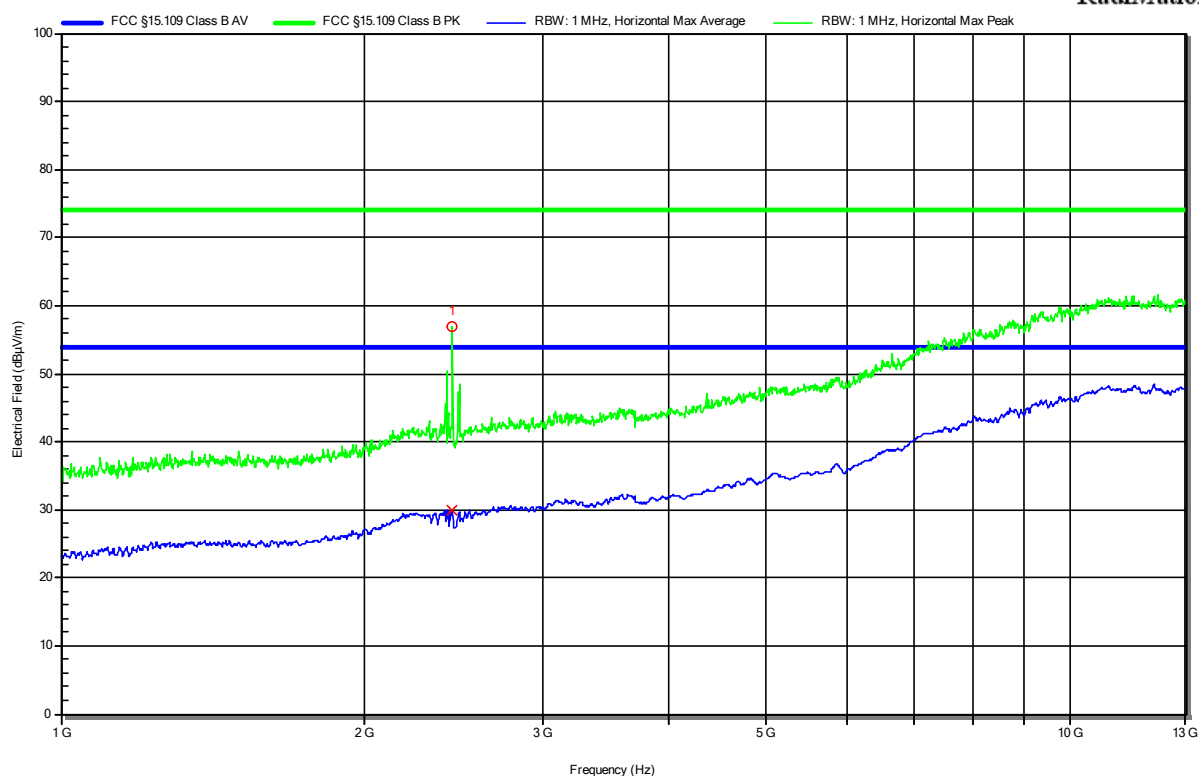
| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.441 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 Note 1: 2.4GHz Notchfilter

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RadiMation



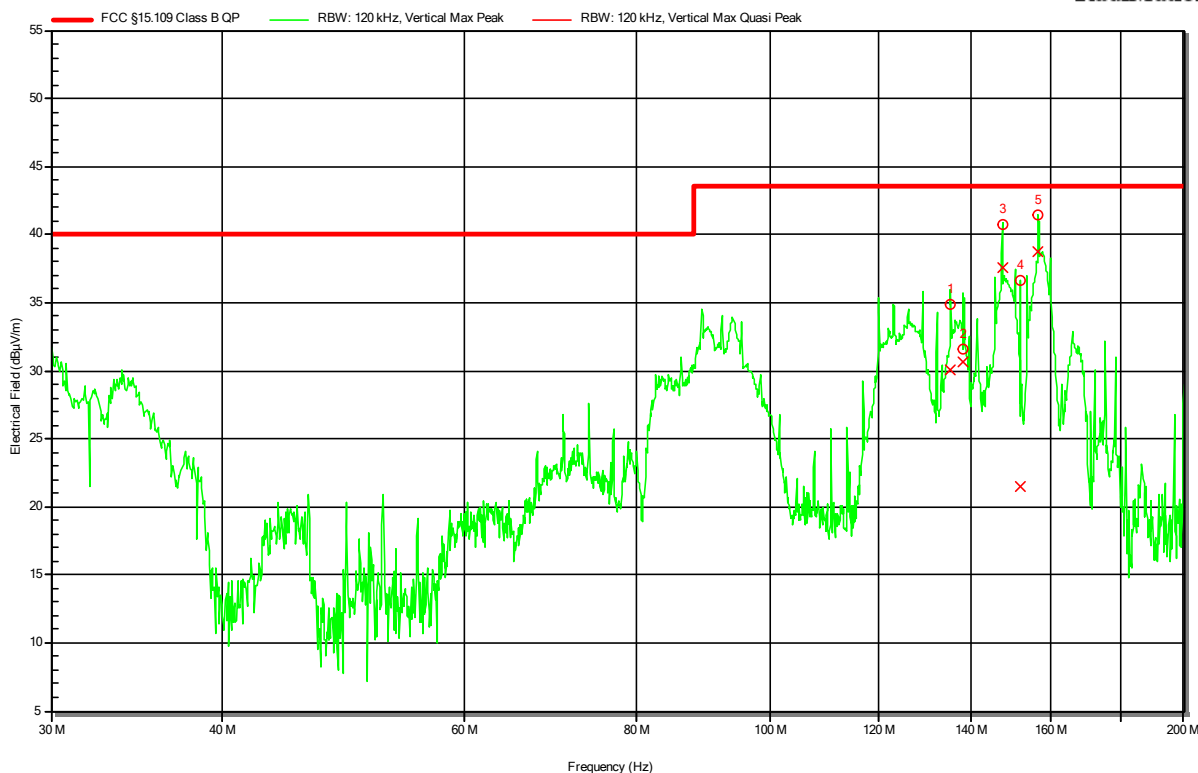
| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.44 GHz  | Bluetooth Low Energy carrier |            |                 |             |       |        |

**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HK 116, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 5  
 Note 1:

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**RadiMation**



| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle      | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|------------|--------|
| 1           | 135.285 MHz | 30.08 dBμV/m | 43.52 dBμV/m     | -13.44 dB             | Pass              | 29 degrees | 1 m    |
| 2           | 138.347 MHz | 30.62 dBμV/m | 43.52 dBμV/m     | -12.9 dB              | Pass              | 29 degrees | 1 m    |
| 3           | 147.589 MHz | 37.57 dBμV/m | 43.52 dBμV/m     | -5.95 dB              | Pass              | 29 degrees | 1 m    |
| 4           | 152.195 MHz | 21.45 dBμV/m | 43.52 dBμV/m     | -22.07 dB             | Pass              | 29 degrees | 1 m    |
| 5           | 156.818 MHz | 38.7 dBμV/m  | 43.52 dBμV/m     | -4.82 dB              | Pass              | 29 degrees | 1 m    |

Test Report No.: G0M-2109-1042-EF0115B-V01

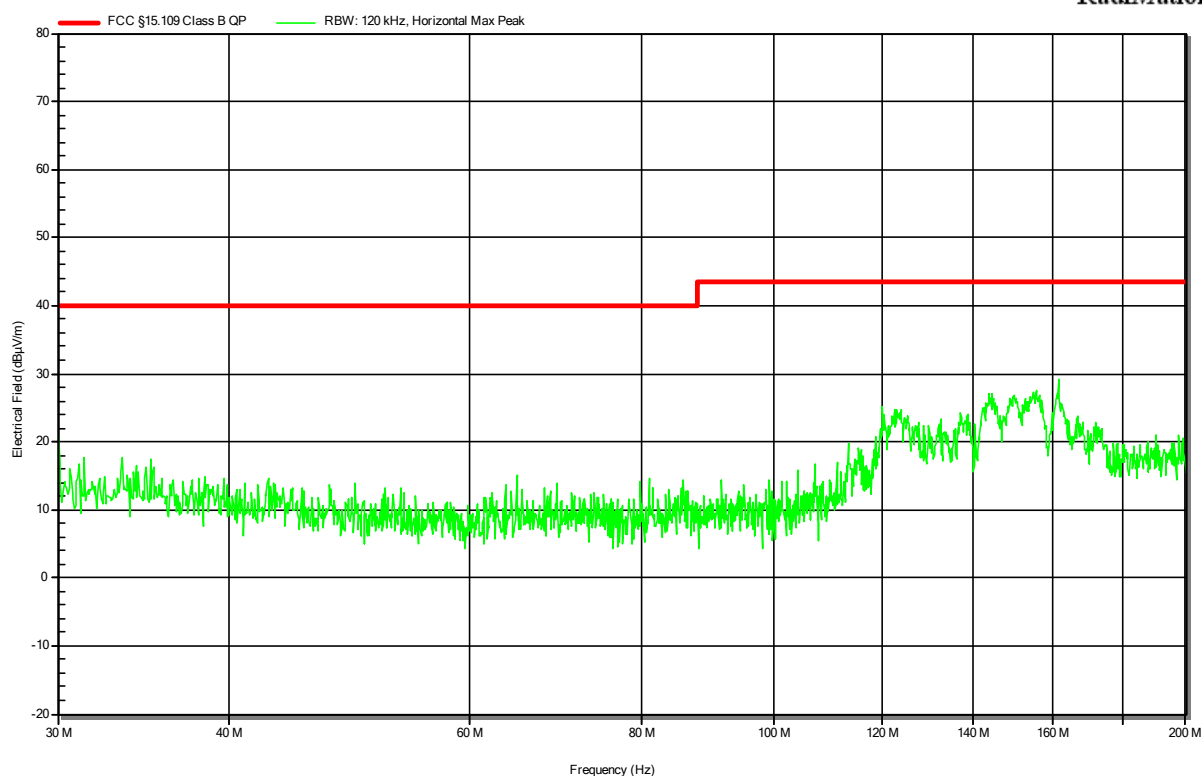
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HK 116, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & 3  
 EUT Configuration: 5  
 Note 1:

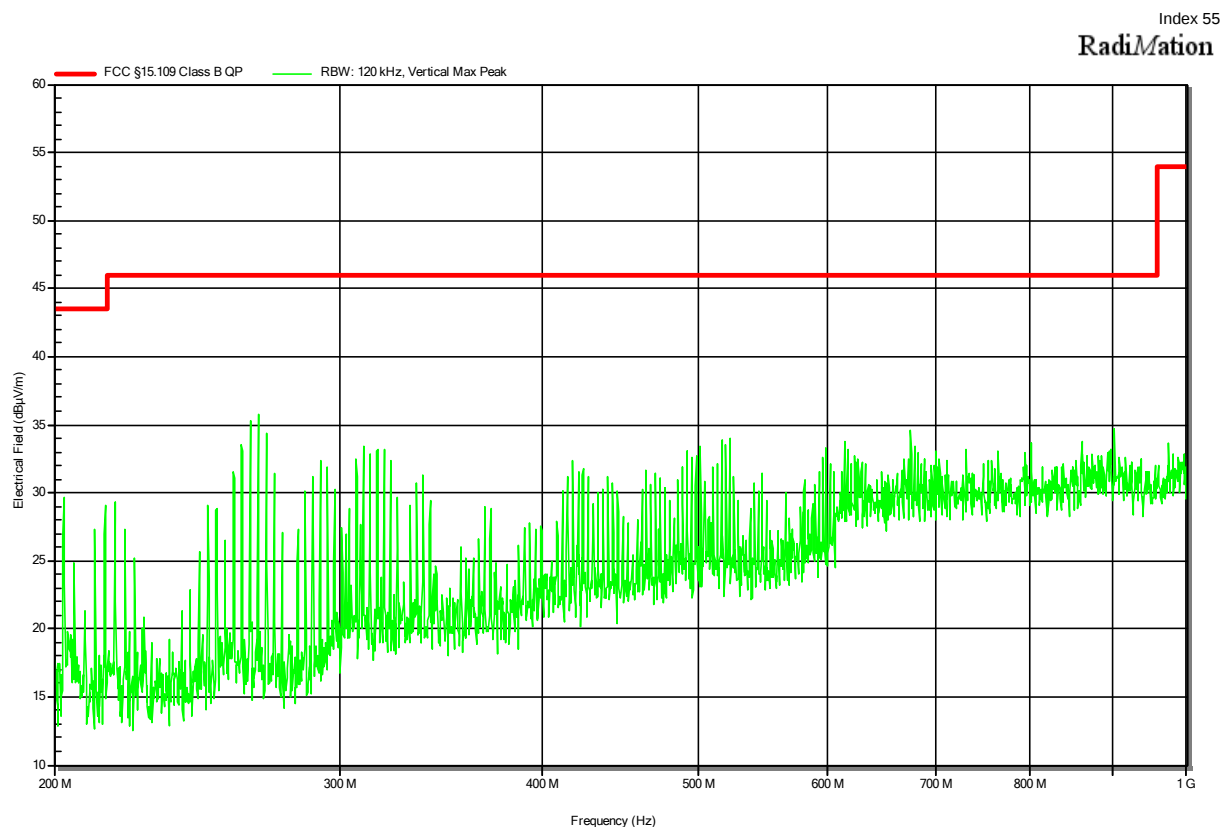
Index 74

RadiMation



# Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36737 + 34149  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-11  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
Antenna: Rohde & Schwarz HL 223, Vertical  
Measurement Distance: 3m  
Operational Mode & EUT Configuration: 3  
5  
Note 1:

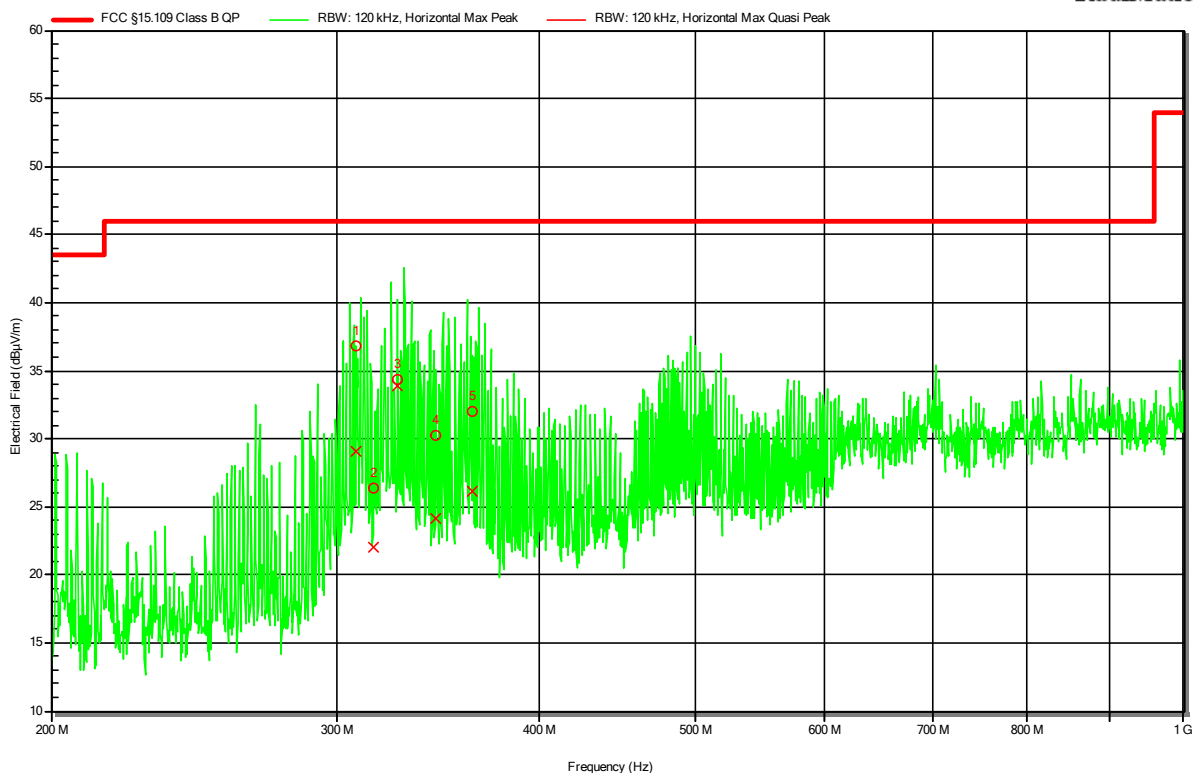


**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HL 223, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 5  
 Note 1:

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**RadiMation**



| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle       | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|-------------|--------|
| 1           | 308.778 MHz | 29.13 dBµV/m | 46.02 dBµV/m     | -16.89 dB             | Pass              | 100 degrees | 1 m    |
| 2           | 316.421 MHz | 22.07 dBµV/m | 46.02 dBµV/m     | -23.95 dB             | Pass              | 100 degrees | 1 m    |
| 3           | 327.235 MHz | 33.83 dBµV/m | 46.02 dBµV/m     | -12.19 dB             | Pass              | 100 degrees | 1 m    |
| 4           | 345.728 MHz | 24.11 dBµV/m | 46.02 dBµV/m     | -21.91 dB             | Pass              | 100 degrees | 1 m    |
| 5           | 364.125 MHz | 26.09 dBµV/m | 46.02 dBµV/m     | -19.93 dB             | Pass              | 100 degrees | 1 m    |

Test Report No.: G0M-2109-1042-EF0115B-V01

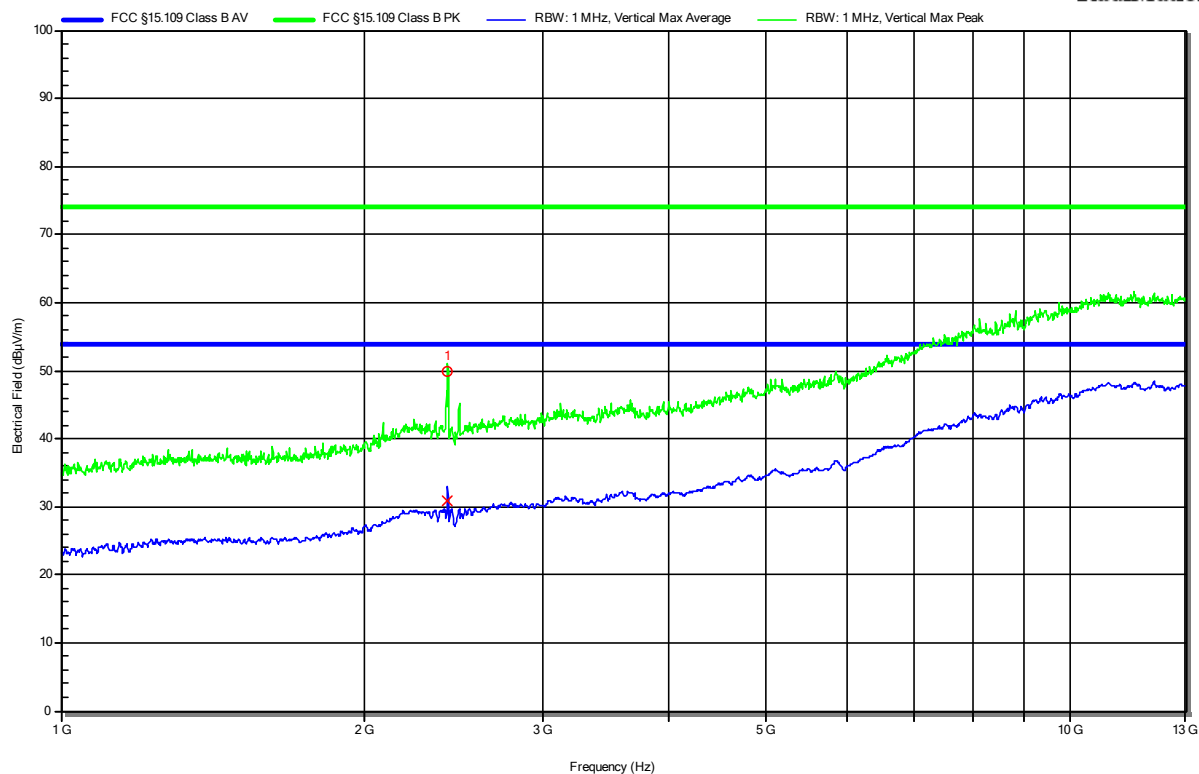
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 5  
 Note 1: 2.4 GHz Notchfilter

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RadiMation



| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.417 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

Test Report No.: G0M-2109-1042-EF0115B-V01

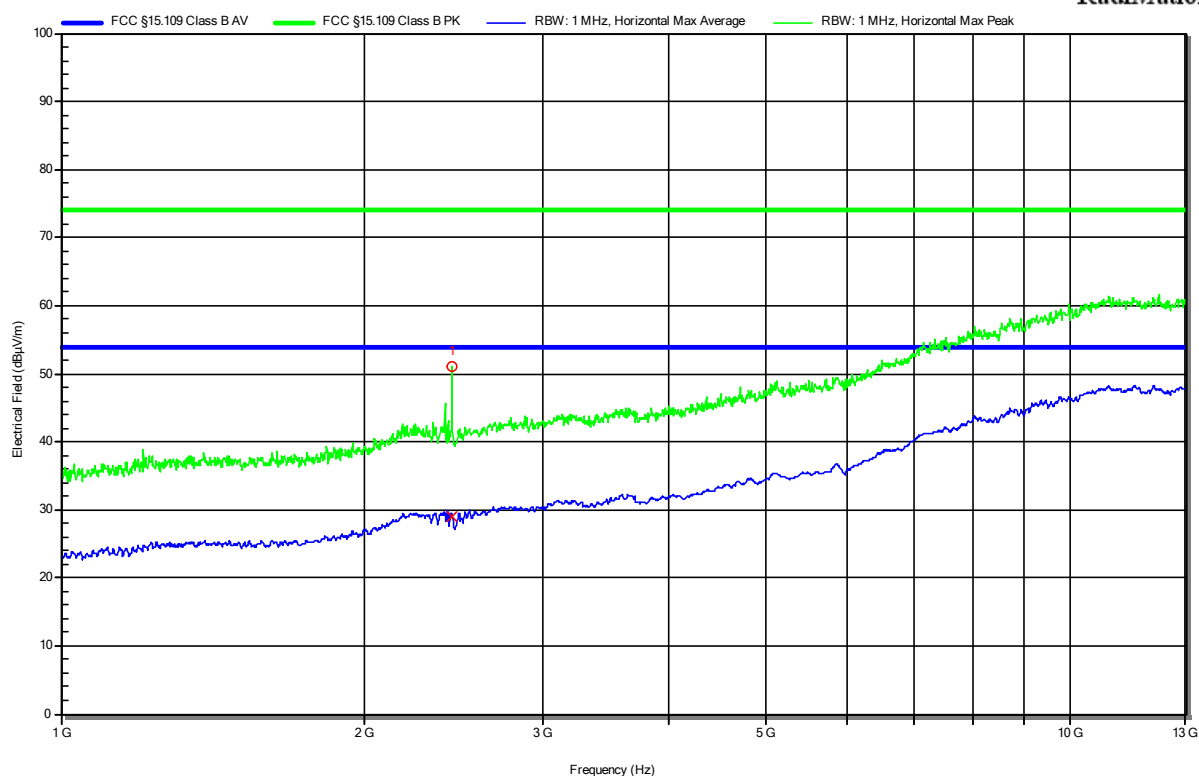
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 3  
 5  
 Note 1: 2.4GHz Notchfilter

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**RadiMation**



| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.438 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

Test Report No.: G0M-2109-1042-EF0115B-V01

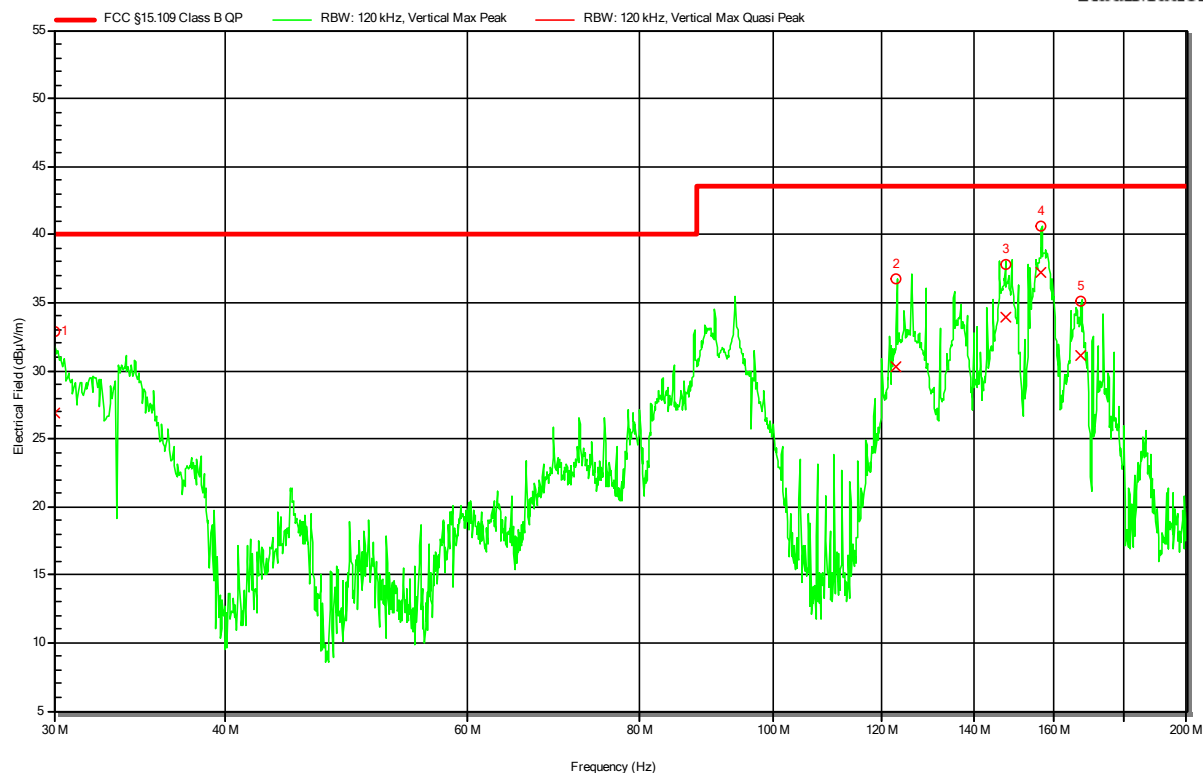
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Radiated emissions  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HK 116, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 3  
 Note 1:

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**RadiMation**



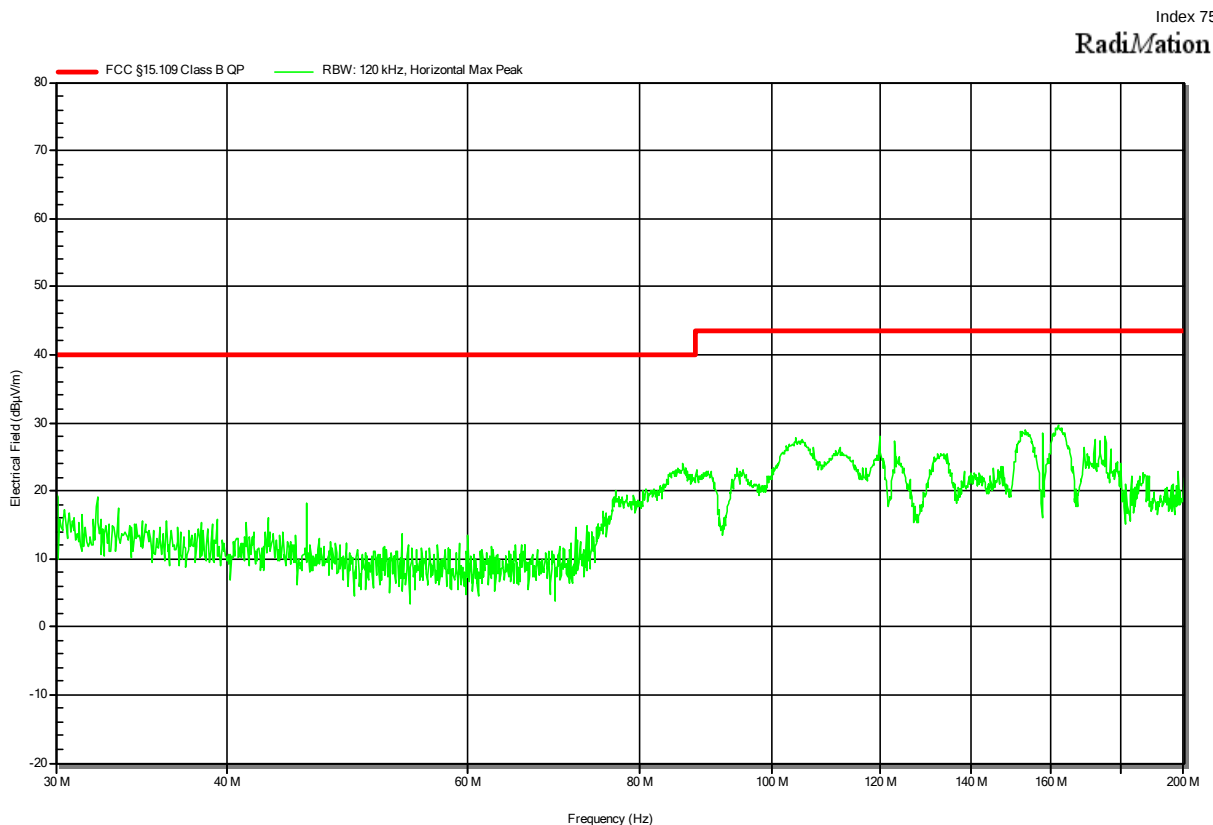
| Peak Number | Frequency   | Quasi-Peak   | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | Angle      | Height |
|-------------|-------------|--------------|------------------|-----------------------|-------------------|------------|--------|
| 1           | 30 MHz      | 26.95 dBμV/m | 40 dBμV/m        | -13.05 dB             | Pass              | 85 degrees | 1 m    |
| 2           | 123.053 MHz | 30.29 dBμV/m | 43.52 dBμV/m     | -13.24 dB             | Pass              | 85 degrees | 1 m    |
| 3           | 147.649 MHz | 33.94 dBμV/m | 43.52 dBμV/m     | -9.59 dB              | Pass              | 85 degrees | 1 m    |
| 4           | 156.824 MHz | 37.25 dBμV/m | 43.52 dBμV/m     | -6.27 dB              | Pass              | 85 degrees | 1 m    |
| 5           | 167.609 MHz | 31.09 dBμV/m | 43.52 dBμV/m     | -12.43 dB             | Pass              | 85 degrees | 1 m    |

Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

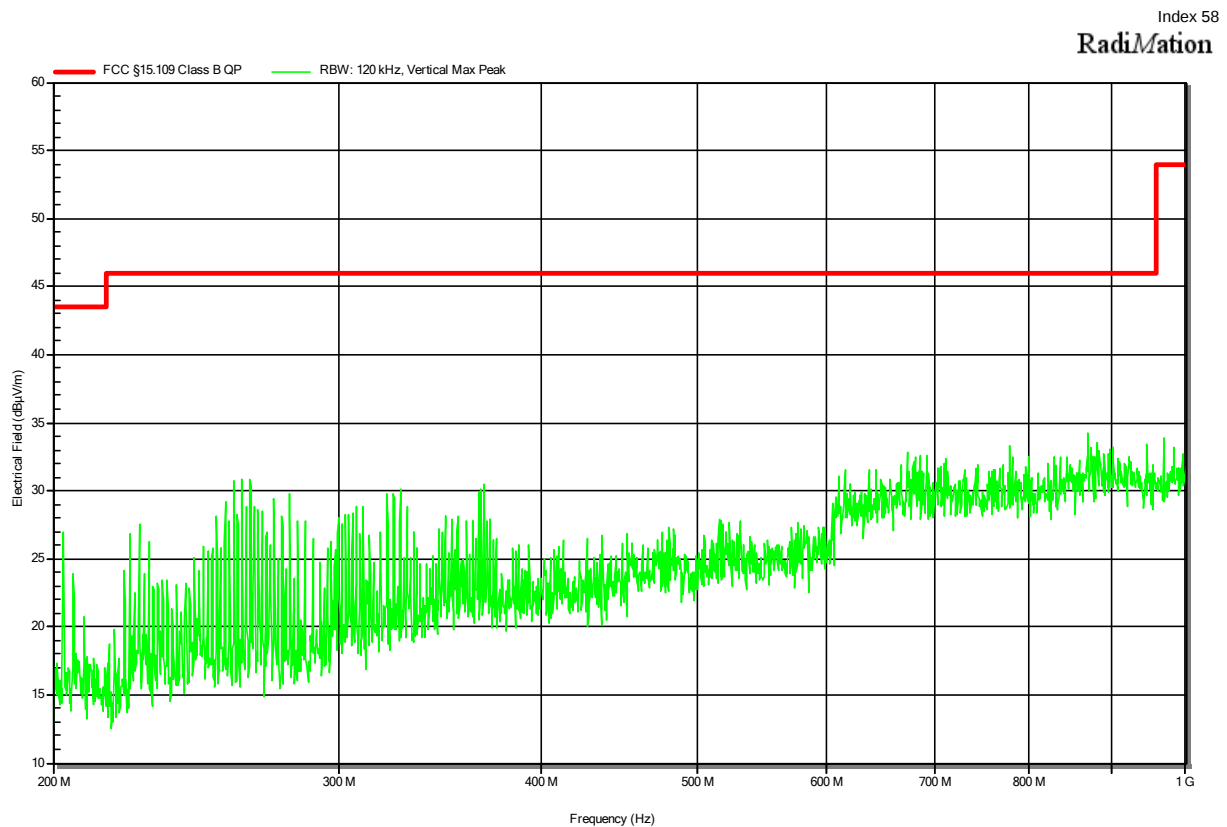
**Radiated emissions  
according to FCC part 15B**

|                                          |                                                                 |
|------------------------------------------|-----------------------------------------------------------------|
| Project Number:                          | G0M-2109-1042                                                   |
| Applicant:                               | Philip Morris Products S.A.                                     |
| Model Description:                       | Electronic Vaping System                                        |
| Model:                                   | B-1603                                                          |
| Test Sample ID:                          | 36737 + 34149                                                   |
| Test Site:                               | Eurofins Product Service GmbH                                   |
| Operator:                                | Mr. Handrik                                                     |
| Test Date:                               | 2021-11-11                                                      |
| Operating Conditions:                    | ambient temperature: 21 °Celsius<br>power input: 120V AC / 60Hz |
| Antenna:                                 | Rohde & Schwarz HK 116, Horizontal                              |
| Measurement Distance:                    | 3m                                                              |
| Operational Mode &<br>EUT Configuration: | 2<br>3                                                          |
| Note 1:                                  |                                                                 |



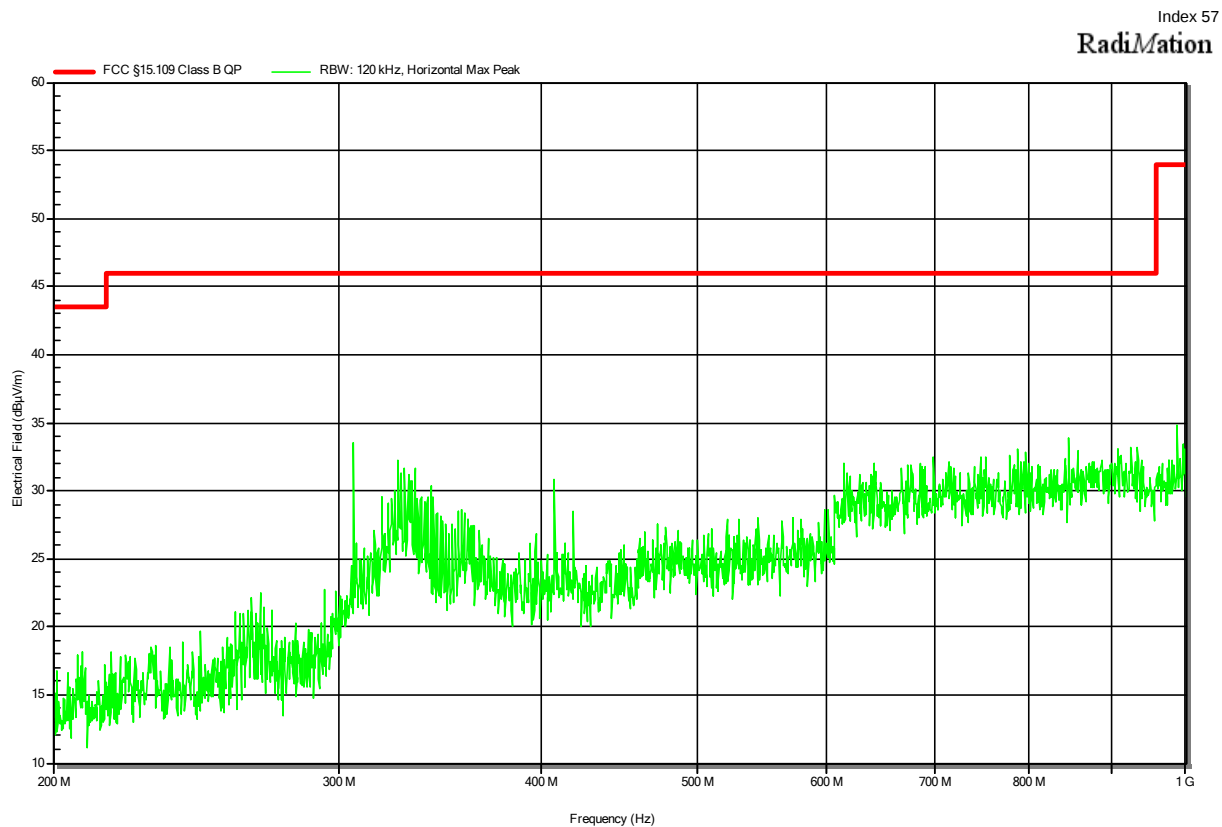
## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Rohde & Schwarz HL 223, Vertical  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 3  
 Note 1:



# Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36737 + 34149  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-11  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
Antenna: Rohde & Schwarz HL 223, Horizontal  
Measurement Distance: 3m  
Operational Mode & EUT Configuration: 2  
3  
Note 1:

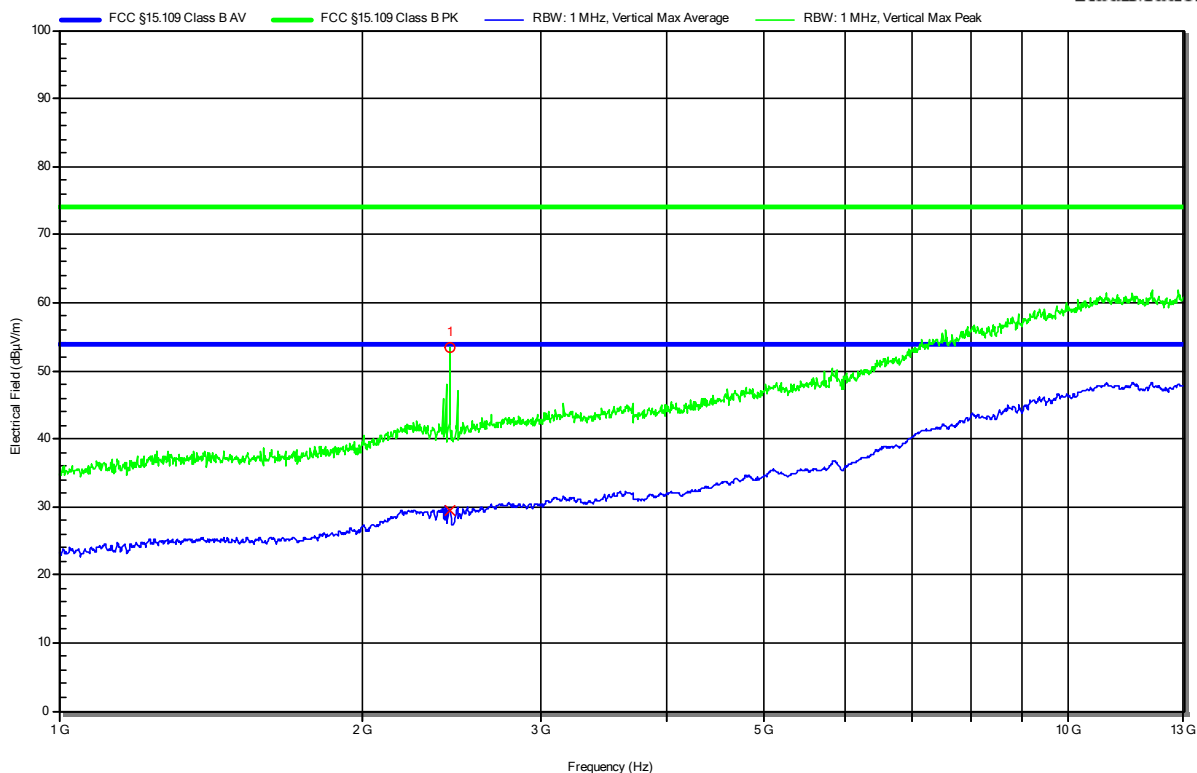


# Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36737 + 34149  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-10  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
Antenna: Schwarzbeck BBHA 9120D, Vertical  
Measurement Distance: 3m  
Operational Mode & EUT Configuration: 2  
3  
Note 1: 2.4GHz Notchfilter

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**RadiMation**



| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.439 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

Test Report No.: G0M-2109-1042-EF0115B-V01

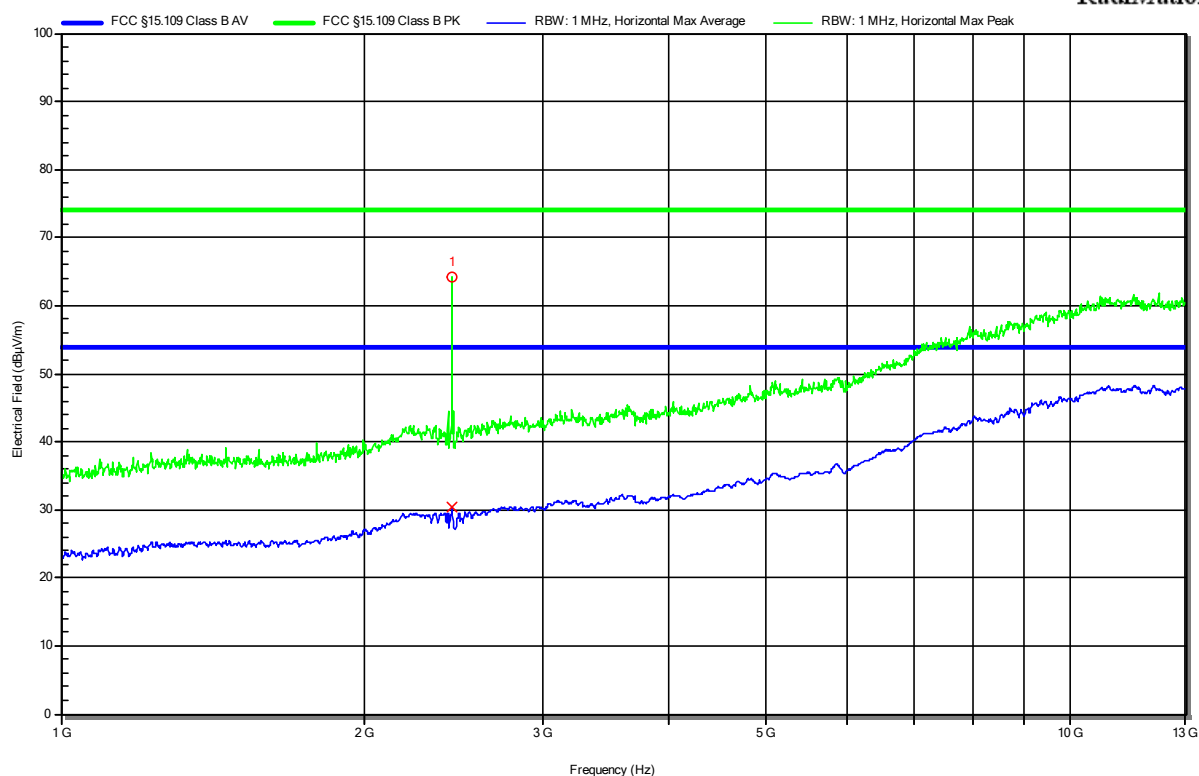
Eurofins Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

## Radiated emissions according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 Antenna: Schwarzbeck BBHA 9120D, Horizontal  
 Measurement Distance: 3m  
 Operational Mode & EUT Configuration: 2  
 Note 1: 2.4GHz Notchfilter

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**RadiMation**

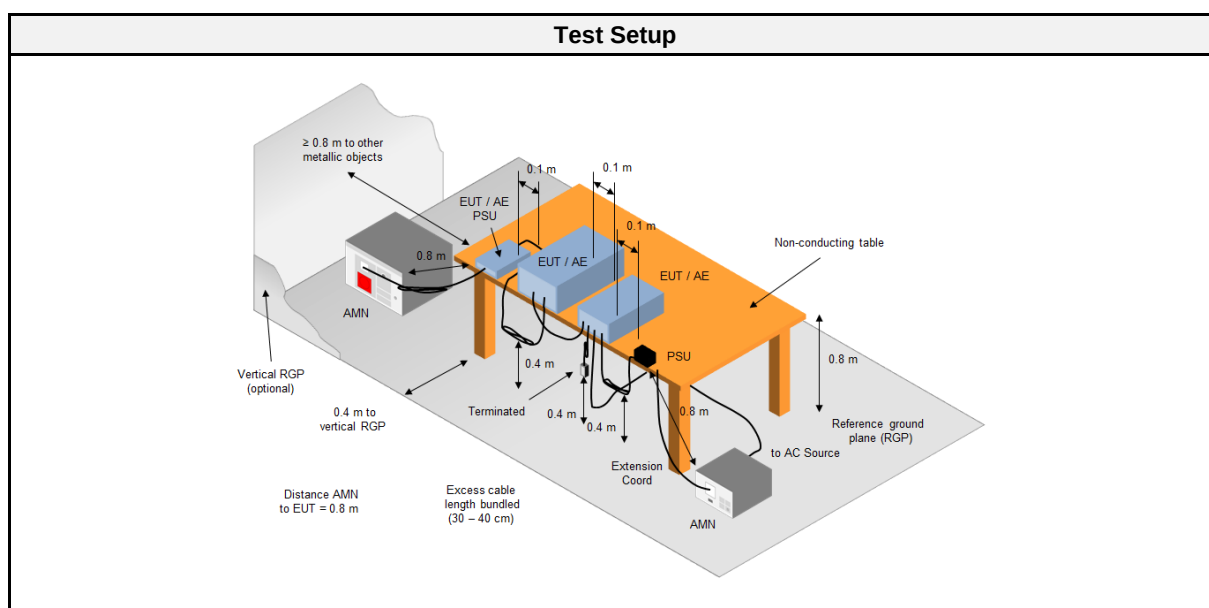
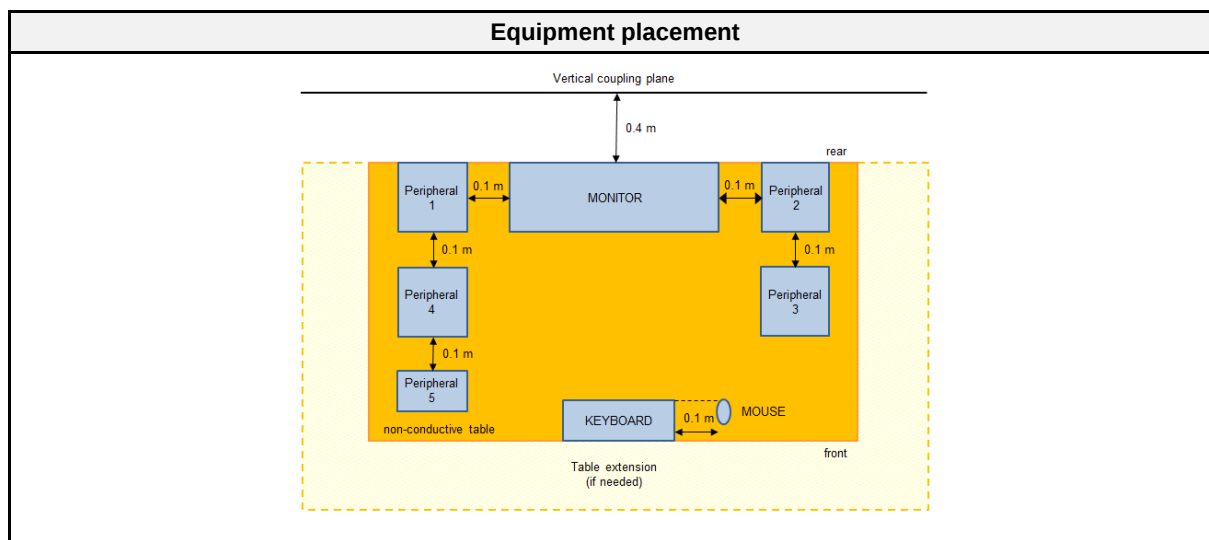


| Peak Number | Frequency | Peak                         | Peak Limit | Peak Difference | Peak Status | Angle | Height |
|-------------|-----------|------------------------------|------------|-----------------|-------------|-------|--------|
| 1           | 2.438 GHz | Bluetooth Low Energy carrier |            |                 |             |       |        |

### 2.2.1 Information

| Test Information  |                                    |
|-------------------|------------------------------------|
| Reference         | FCC 15.107, ICES-003, 3.2.1        |
| Reference method  | ANSI C63.4:2014+A1:2017 Section 12 |
| Measurement range | 150 kHz to 30 MHz                  |
| Equipment class   | Class B                            |
| Equipment type    | Table top                          |
| Temperature [°C]  | 22 ±3                              |
| Humidity [%]      | 40 - 30                            |
| Operator          | Matthias Handrik                   |
| Date              | 2021-11-09 – 2021-11-11            |

### 2.2.2 Setup



### 2.2.3 Equipment

| Test Software |                  |            |          |
|---------------|------------------|------------|----------|
| Description   | Manufacturer     | Name       | Version  |
| EMC Software  | DARE Instruments | Radimation | 2020.1.8 |

| Test Equipment       |                                                    |                      |            |           |          |
|----------------------|----------------------------------------------------|----------------------|------------|-----------|----------|
| Description          | Manufacturer                                       | Model                | Identifier | Cal. Date | Cal. Due |
| AMN                  | Schwarzbeck                                        | NSLK 8127            | EF01592    | 2021-07   | 2022-07  |
| AC & DC Power Supply | Chroma ATE Inc.                                    | 61604                | EF01380    | 2021-07   | 2022-07  |
| Digital multimeter   | Agilent Technologies Sales & Service GmbH & Co. KG | 34410A               | EF00756    | 2021-08   | 2023-08  |
| Pulse Limiter        | R&S                                                | ESH3-Z2              | EF01063    | 2021-07   | 2022-07  |
| EMI Test Receiver    | R&S                                                | ESR 7                | EF00943    | 2021-08   | 2022-08  |
| Climatic Sensor      | Embedded Data Systems, LLC.                        | 2800100000254<br>17E | EF01054    | 2021-03   | 2022-03  |

### 2.2.4 Procedure

| Exploratory measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> <li>The EUT was placed on a non conductive table 0.8 m above the reference ground plane and 0.4 m away from the vertical conducting plane (ANSI C63.4: 2014 item 7.3.1)</li> <li>The power cord that is normally supplied or recommended by the manufacturer was connected to the LISN.</li> <li>The distance between the outer edge of the EUT and the LISN shall be set to 0.8 m. A longer power cord shall be bundled to this length (bundling shall not exceed 40 cm in length).</li> <li>The LISN measurement port was connected to a measurement receiver</li> <li>I/O cables were bundled not longer than 0.4 m</li> <li>Measurement was performed in the frequency range 0.15 – 30MHz on each current-carrying conductor</li> <li>To maximize the emissions the cable positions were manipulated</li> <li>The worst configuration of EUT and cables is shown on a test setup picture at item 2.2.2</li> </ol> |

| Final measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> <li>The EUT was placed on a non conductive table 0.8 m above the reference ground plane and 0.4 m away from the vertical conducting plane (ANSI C63.4: 2014 item 7.3.1)</li> <li>The power cord that is normally supplied or recommended by the manufacturer was connected to the LISN.</li> <li>The distance between the outer edge of the EUT and the LISN shall be set to 0.8 m. A longer power cord shall be bundled to this length (bundling shall not exceed 40 cm in length).</li> <li>The LISN measurement port was connected to a measurement receiver</li> <li>The EUT and cable arrangement were based on the exploratory measurement results</li> <li>The test data of the worst-case conditions were recorded and shown on the next pages</li> </ol> |

### 2.2.5 Limits

| Class B                                         |                         |                      |
|-------------------------------------------------|-------------------------|----------------------|
| Frequency [MHz]                                 | Quasi-peak Limit [dBμV] | Average Limit [dBμV] |
| 0.15 - 0.5                                      | 66 - 56 *               | 56 - 46 *            |
| 0.5 - 5                                         | 56                      | 46                   |
| 5 - 30                                          | 60                      | 50                   |
| * Decreases with the logarithm of the frequency |                         |                      |

Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

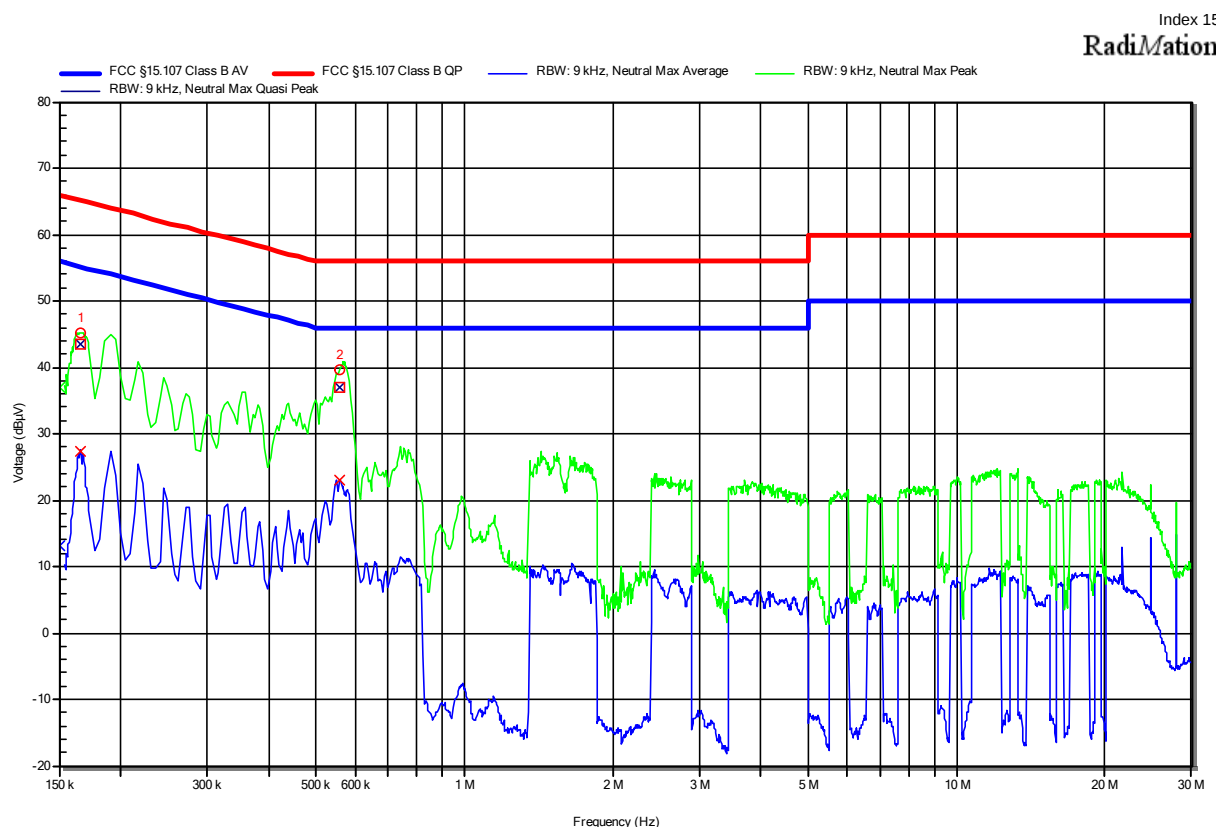
## 2.2.6 Results

| AC power line conducted emissions |          |                  |                   |         |        |
|-----------------------------------|----------|------------------|-------------------|---------|--------|
| Port                              | Coupling | Operational mode | EUT Configuration | Verdict | Remark |
| Power                             | AMN      | 2                | 2                 | PASS    | -      |
| Power                             | AMN      | 2                | 3                 | PASS    | -      |
| Power                             | AMN      | 3                | 4                 | PASS    | -      |
| Power                             | AMN      | 3                | 5                 | PASS    | -      |

## 2.2.8 Records

### Conducted emissions at the mains power port according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC N  
 Operational Mode & EUT Configuration: 3  
 Applied to Port: 4  
 AC-Mains  
 Note 1:



| Peak Number | Frequency  | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN    |
|-------------|------------|------------|------------------|-----------------------|-------------------|---------|
| 1           | 165.75 kHz | 43.59 dBµV | 65.17 dBµV       | -21.58 dB             | Pass              | Neutral |
| 2           | 559.5 kHz  | 36.9 dBµV  | 56 dBµV          | -19.1 dB              | Pass              | Neutral |

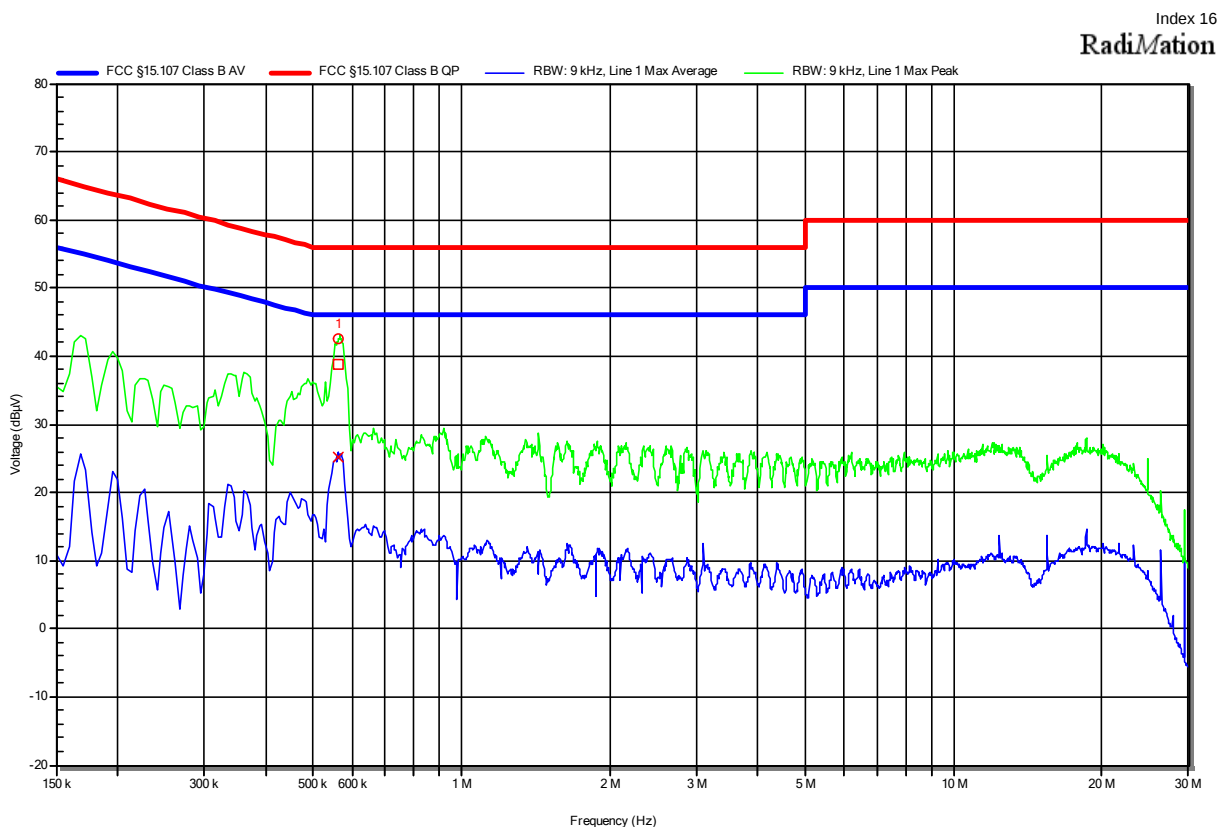
| Peak Number | Frequency  | Average    | Average Limit | Average Difference | Average Status | LISN    |
|-------------|------------|------------|---------------|--------------------|----------------|---------|
| 1           | 165.75 kHz | 27.32 dBµV | 55.17 dBµV    | -27.85 dB          | Pass           | Neutral |
| 2           | 559.5 kHz  | 23 dBµV    | 46 dBµV       | -23 dB             | Pass           | Neutral |

Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Conducted emissions at the mains power port  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC L  
 Operational Mode &: 3  
 EUT Configuration: 4  
 Applied to Port: AC-Mains  
 Note 1:

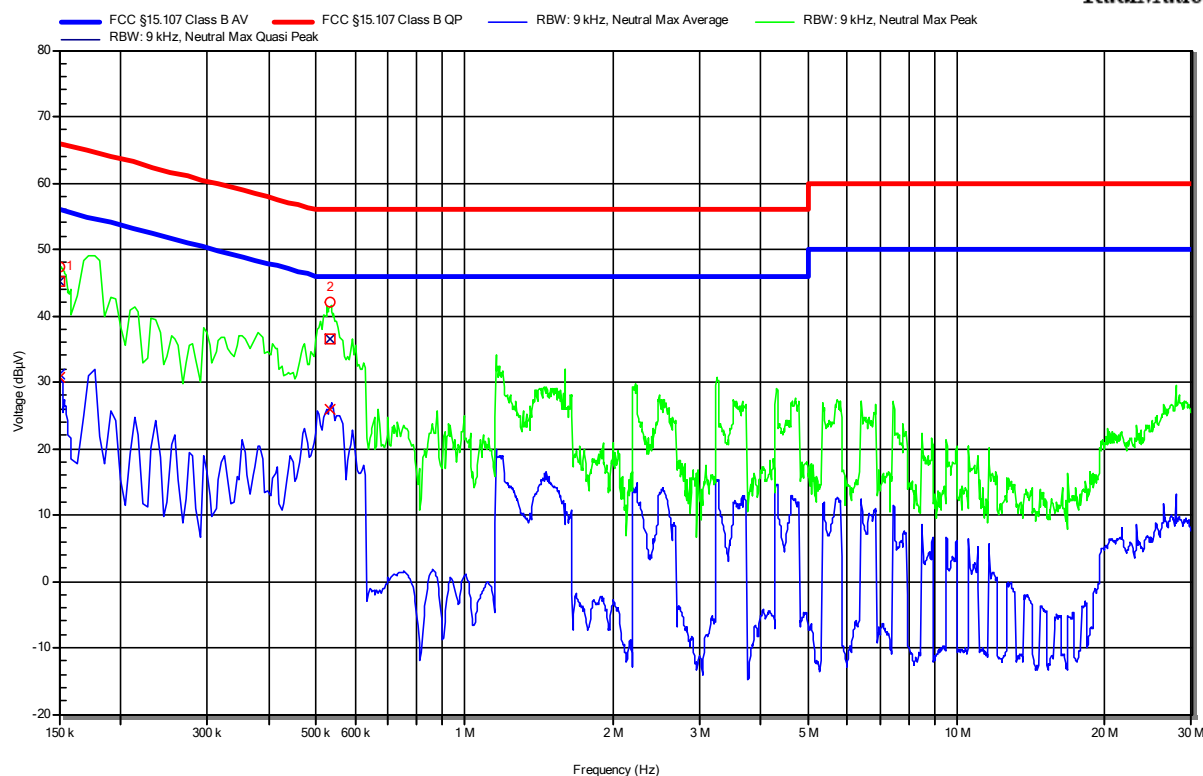


| Peak Number | Frequency | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN   |
|-------------|-----------|------------|------------------|-----------------------|-------------------|--------|
| 1           | 564 kHz   | 38.85 dBµV | 56 dBµV          | -17.15 dB             | Pass              | Line 1 |
| Peak Number | Frequency | Average    | Average Limit    | Average Difference    | Average Status    | LISN   |
| 1           | 564 kHz   | 25.18 dBµV | 46 dBµV          | -20.82 dB             | Pass              | Line 1 |

# **Conducted emissions at the mains power port according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC N  
 Operational Mode & : 3  
 EUT Configuration: 5  
 Applied to Port: AC-Mains  
 Note 1:

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**Radiation**



| Peak Number | Frequency  | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN    |
|-------------|------------|------------|------------------|-----------------------|-------------------|---------|
| 1           | 150.45 kHz | 45.25 dBμV | 65.98 dBμV       | -20.72 dB             | Pass              | Neutral |
| 2           | 532.5 kHz  | 36.43 dBμV | 56 dBμV          | -19.57 dB             | Pass              | Neutral |

| Peak Number | Frequency  | Average    | Average Limit | Average Difference | Average Status | LISN    |
|-------------|------------|------------|---------------|--------------------|----------------|---------|
| 1           | 150.45 kHz | 30.77 dBμV | 55.98 dBμV    | -25.2 dB           | Pass           | Neutral |
| 2           | 532.5 kHz  | 25.95 dBμV | 46 dBμV       | -20.05 dB          | Pass           | Neutral |

Test Report No.: G0M-2109-1042-EF0115B-V01

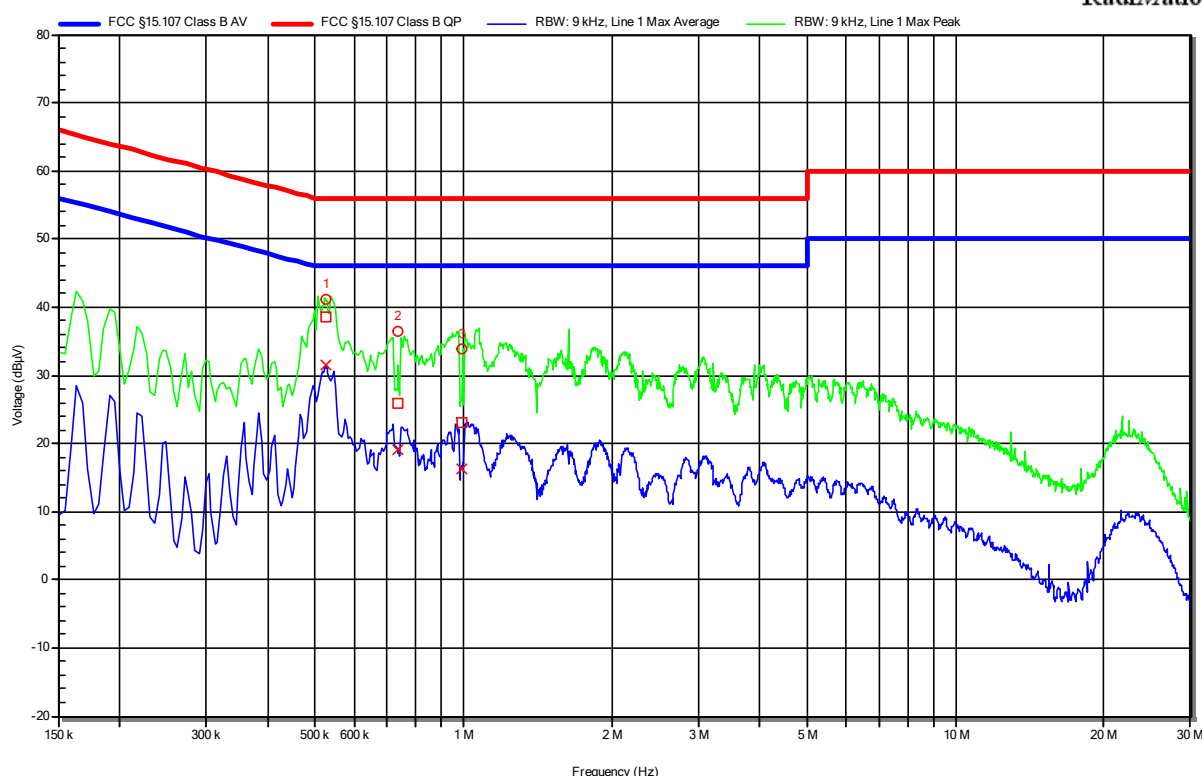
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Conducted emissions at the mains power port  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC L  
 Operational Mode &: 3  
 EUT Configuration: 5  
 Applied to Port: AC-Mains  
 Note 1:

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**Radiation**



| Peak Number | Frequency  | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN   |
|-------------|------------|------------|------------------|-----------------------|-------------------|--------|
| 1           | 524.85 kHz | 38.54 dBµV | 56 dBµV          | -17.46 dB             | Pass              | Line 1 |
| 2           | 735 kHz    | 25.92 dBµV | 56 dBµV          | -30.08 dB             | Pass              | Line 1 |
| 3           | 994.2 kHz  | 23.01 dBµV | 56 dBµV          | -32.99 dB             | Pass              | Line 1 |

| Peak Number | Frequency  | Average    | Average Limit | Average Difference | Average Status | LISN   |
|-------------|------------|------------|---------------|--------------------|----------------|--------|
| 1           | 524.85 kHz | 31.43 dBµV | 46 dBµV       | -14.57 dB          | Pass           | Line 1 |
| 2           | 735 kHz    | 19.03 dBµV | 46 dBµV       | -26.97 dB          | Pass           | Line 1 |
| 3           | 994.2 kHz  | 16.25 dBµV | 46 dBµV       | -29.75 dB          | Pass           | Line 1 |

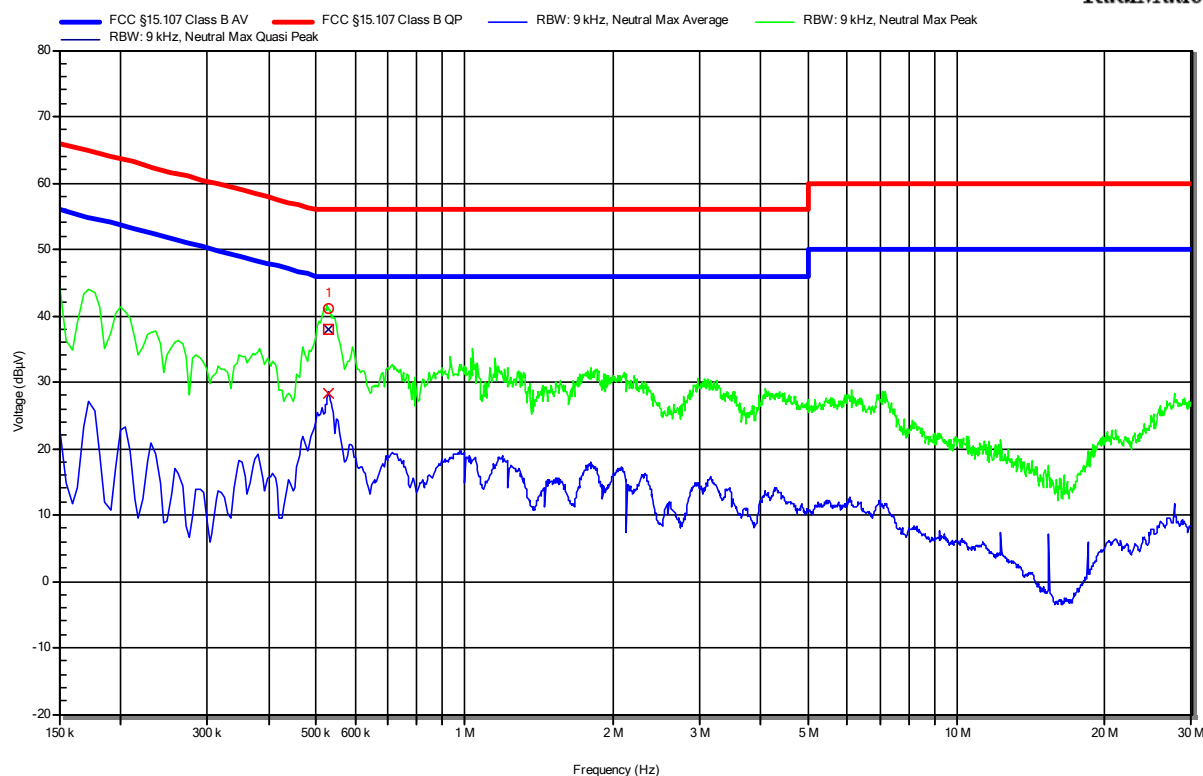
Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

# **Conducted emissions at the mains power port according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC N  
 Operational Mode &: 3  
 EUT Configuration: 5  
 Applied to Port: AC-Mains  
 Note 1:

Index 20  
**Radiation**



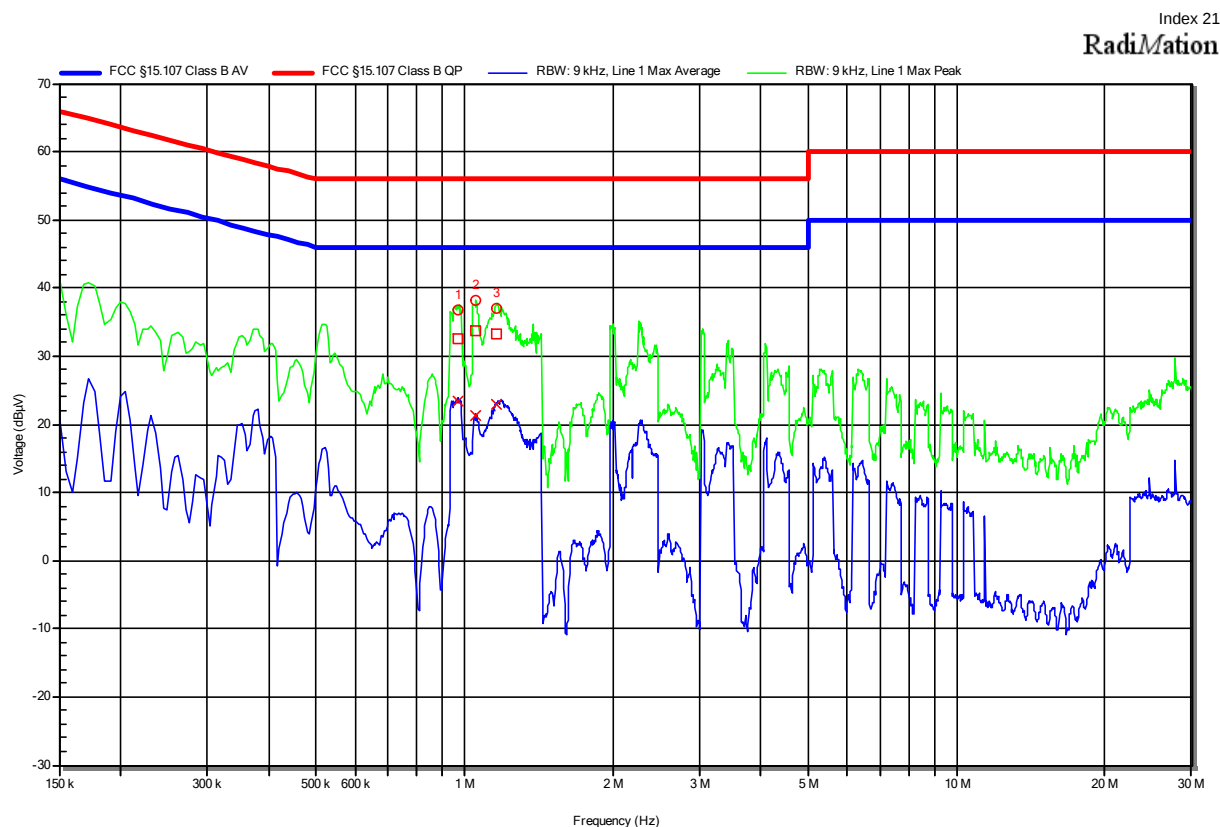
| Peak Number | Frequency | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN    |
|-------------|-----------|------------|------------------|-----------------------|-------------------|---------|
| 1           | 528.9 kHz | 37.92 dBμV | 56 dBμV          | -18.08 dB             | Pass              | Neutral |
| Peak Number | Frequency | Average    | Average Limit    | Average Difference    | Average Status    | LISN    |
| 1           | 528.9 kHz | 28.3 dBμV  | 46 dBμV          | -17.7 dB              | Pass              | Neutral |

Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

# **Conducted emissions at the mains power port according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC L  
 Operational Mode & EUT Configuration: 3  
 5  
 Applied to Port: AC-Mains  
 Note 1:



| Peak Number | Frequency | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN   |
|-------------|-----------|------------|------------------|-----------------------|-------------------|--------|
| 1           | 969 kHz   | 32.59 dBµV | 56 dBµV          | -23.41 dB             | Pass              | Line 1 |
| 2           | 1.052 MHz | 33.73 dBµV | 56 dBµV          | -22.27 dB             | Pass              | Line 1 |
| 3           | 1.162 MHz | 33.24 dBµV | 56 dBµV          | -22.76 dB             | Pass              | Line 1 |

| Peak Number | Frequency | Average    | Average Limit | Average Difference | Average Status | LISN   |
|-------------|-----------|------------|---------------|--------------------|----------------|--------|
| 1           | 969 kHz   | 23.41 dBµV | 46 dBµV       | -22.59 dB          | Pass           | Line 1 |
| 2           | 1.052 MHz | 21.22 dBµV | 46 dBµV       | -24.78 dB          | Pass           | Line 1 |
| 3           | 1.162 MHz | 22.85 dBµV | 46 dBµV       | -23.15 dB          | Pass           | Line 1 |

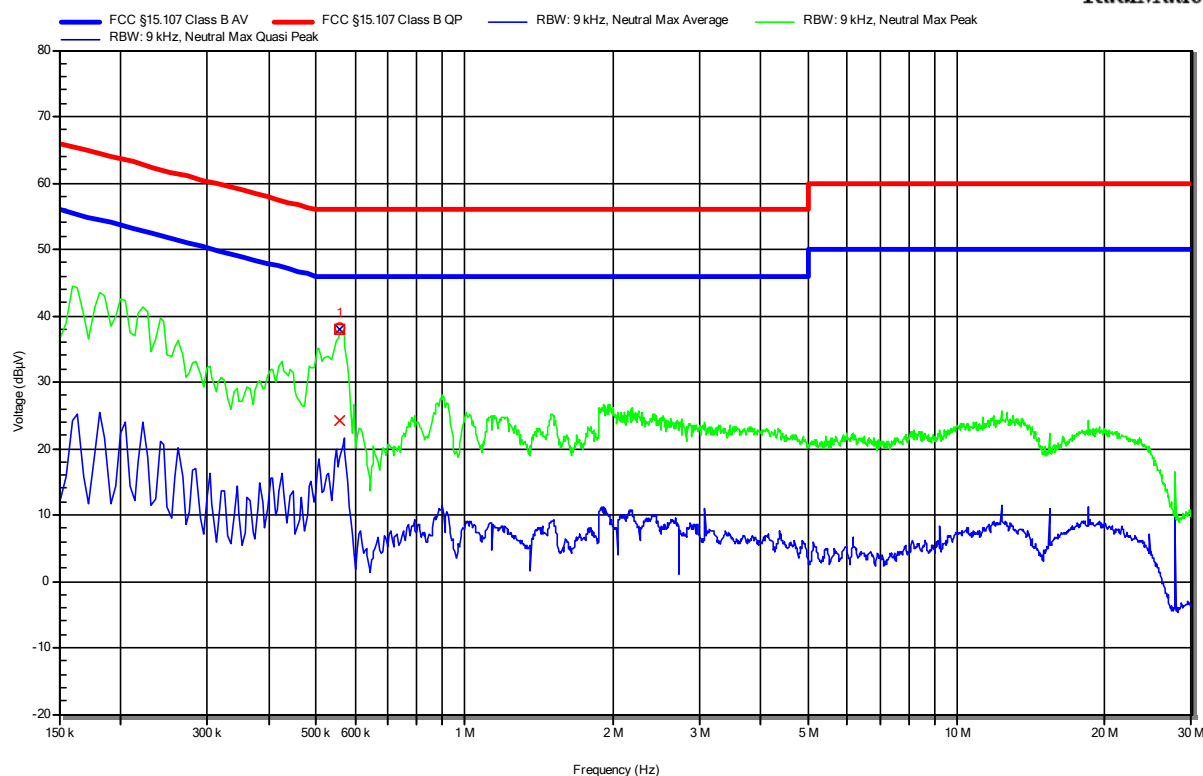
Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

# **Conducted emissions at the mains power port according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC N  
 Operational Mode & : 3  
 EUT Configuration: 4  
 Applied to Port: AC-Mains  
 Note 1:

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**Radiation**



| Peak Number | Frequency | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN    |
|-------------|-----------|------------|------------------|-----------------------|-------------------|---------|
| 1           | 559.5 kHz | 38.01 dBµV | 56 dBµV          | -17.99 dB             | Pass              | Neutral |

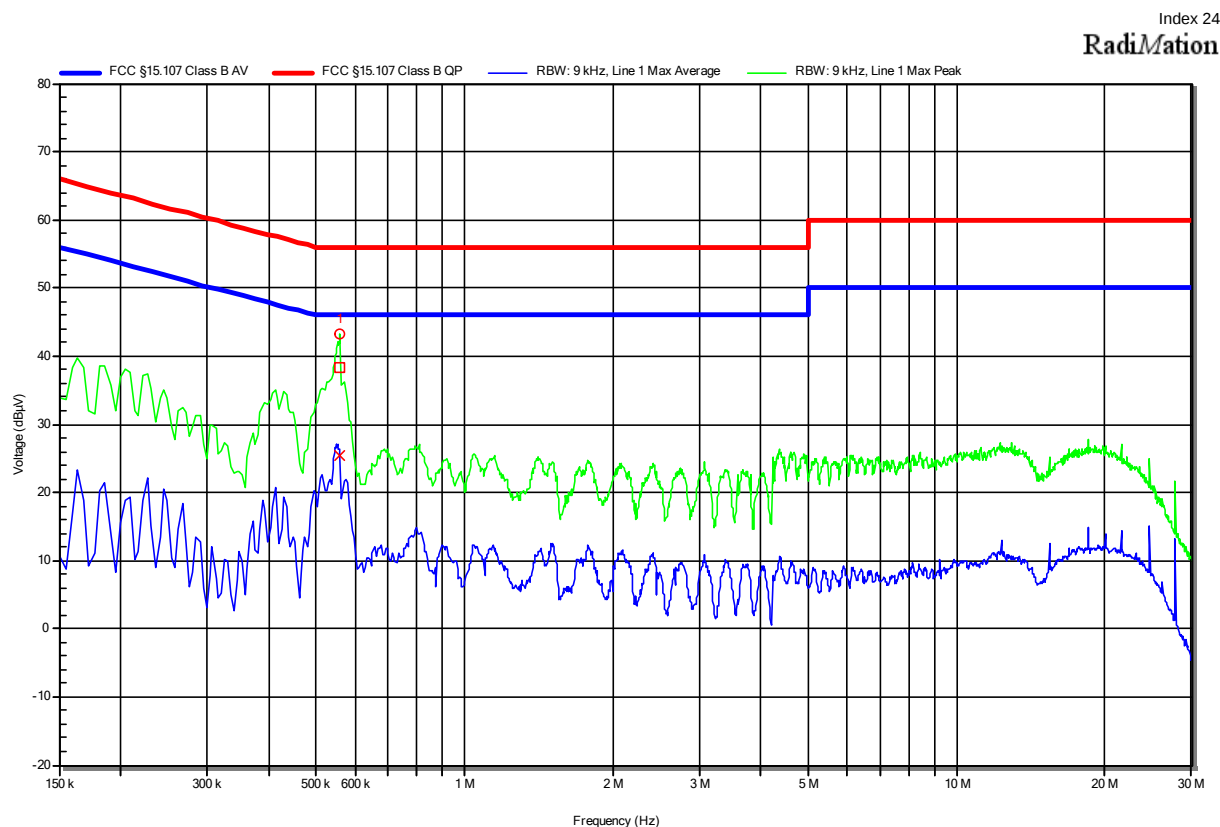
| Peak Number | Frequency | Average    | Average Limit | Average Difference | Average Status | LISN    |
|-------------|-----------|------------|---------------|--------------------|----------------|---------|
| 1           | 559.5 kHz | 24.29 dBµV | 46 dBµV       | -21.71 dB          | Pass           | Neutral |

Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

# **Conducted emissions at the mains power port according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-09  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC L  
 Operational Mode & : 3  
 EUT Configuration: 4  
 Applied to Port: AC-Mains  
 Note 1:



| Peak Number | Frequency  | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN   |
|-------------|------------|------------|------------------|-----------------------|-------------------|--------|
| 1           | 559.05 kHz | 38.38 dBµV | 56 dBµV          | -17.62 dB             | Pass              | Line 1 |
| Peak Number | Frequency  | Average    | Average Limit    | Average Difference    | Average Status    | LISN   |
| 1           | 559.05 kHz | 25.51 dBµV | 46 dBµV          | -20.49 dB             | Pass              | Line 1 |

Test Report No.: G0M-2109-1042-EF0115B-V01

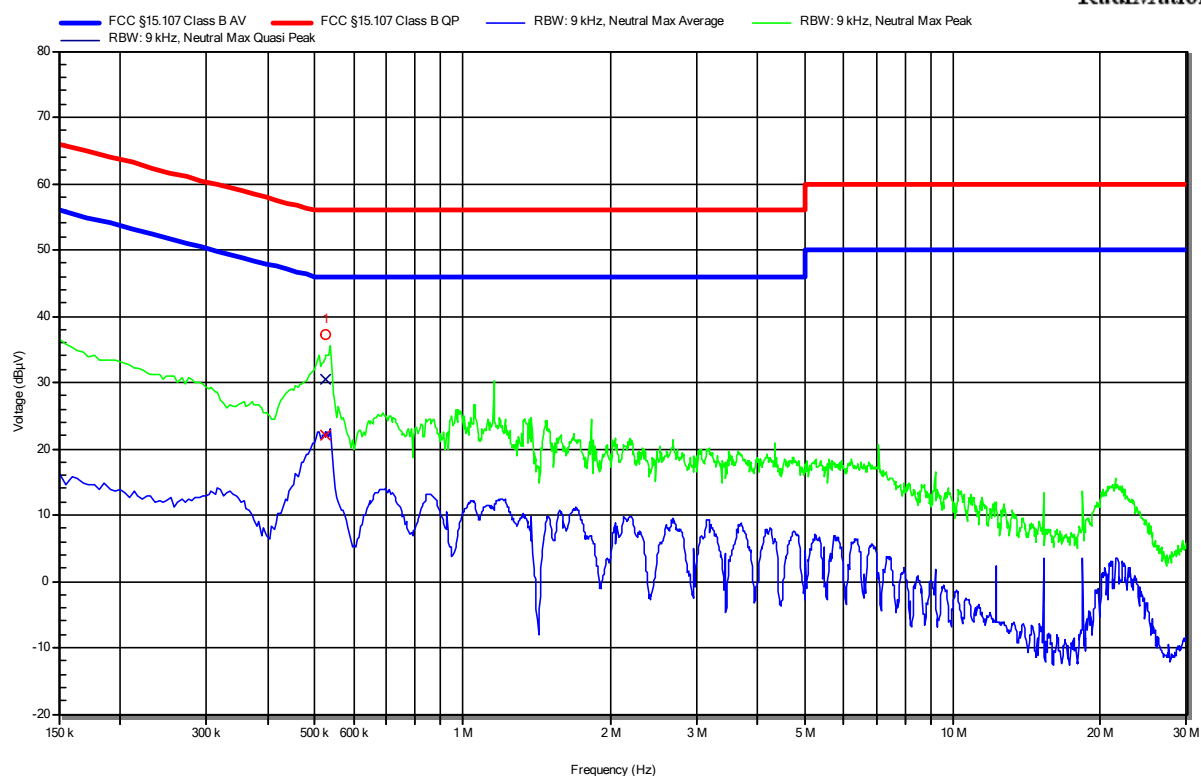
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

## Conducted emissions at the mains power port according to FCC part 15B

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-10  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC N  
 Operational Mode & EUT Configuration: 2  
 Applied to Port: AC-Mains  
 Note 1:

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RadiMation



| Peak Number | Frequency | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN    |
|-------------|-----------|------------|------------------|-----------------------|-------------------|---------|
| 1           | 523.5 kHz | 30.49 dBµV | 56 dBµV          | -25.51 dB             | Pass              | Neutral |
| Peak Number | Frequency | Average    | Average Limit    | Average Difference    | Average Status    | LISN    |
| 1           | 523.5 kHz | 22.03 dBµV | 46 dBµV          | -23.97 dB             | Pass              | Neutral |

Test Report No.: G0M-2109-1042-EF0115B-V01

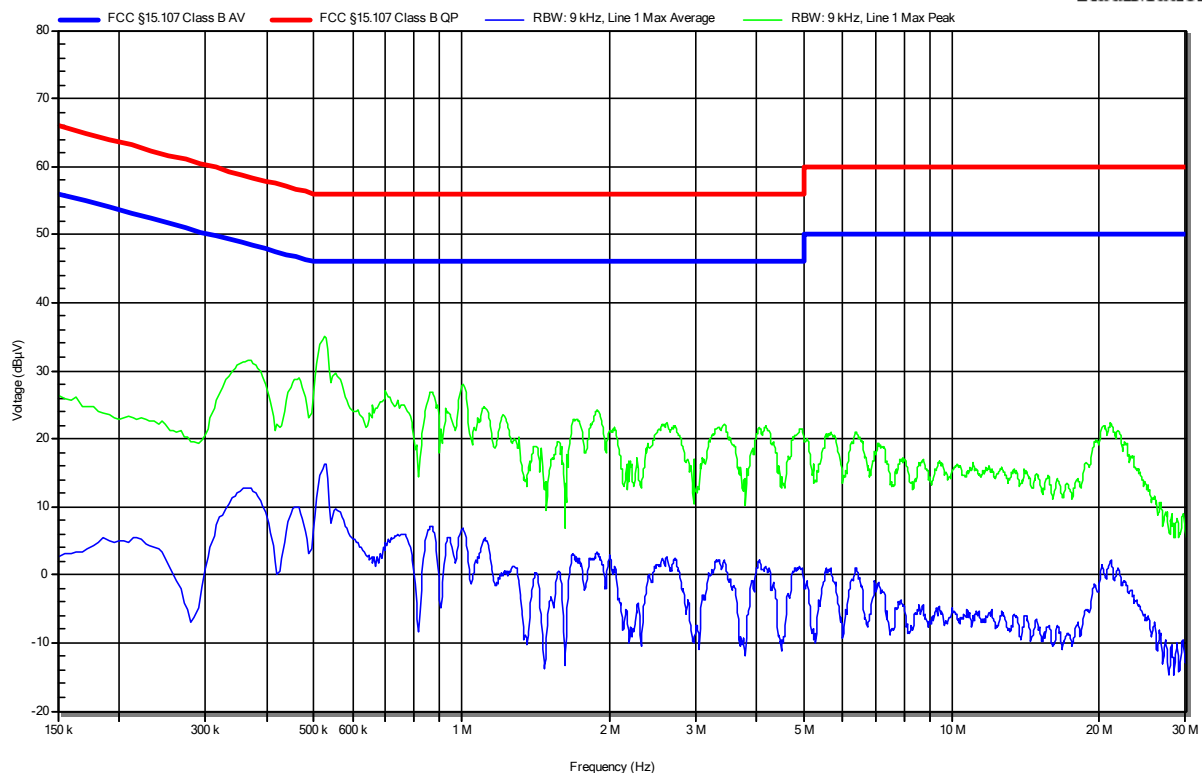
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

# Conducted emissions at the mains power port according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36737 + 34149  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-10  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
LISN: Schwarzbeck NSLK 8127 RC L  
Operational Mode & EUT Configuration: 2  
Applied to Port: 3  
Applied to Port: AC-Mains  
Note 1:

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RadiMation



Test Report No.: G0M-2109-1042-EF0115B-V01

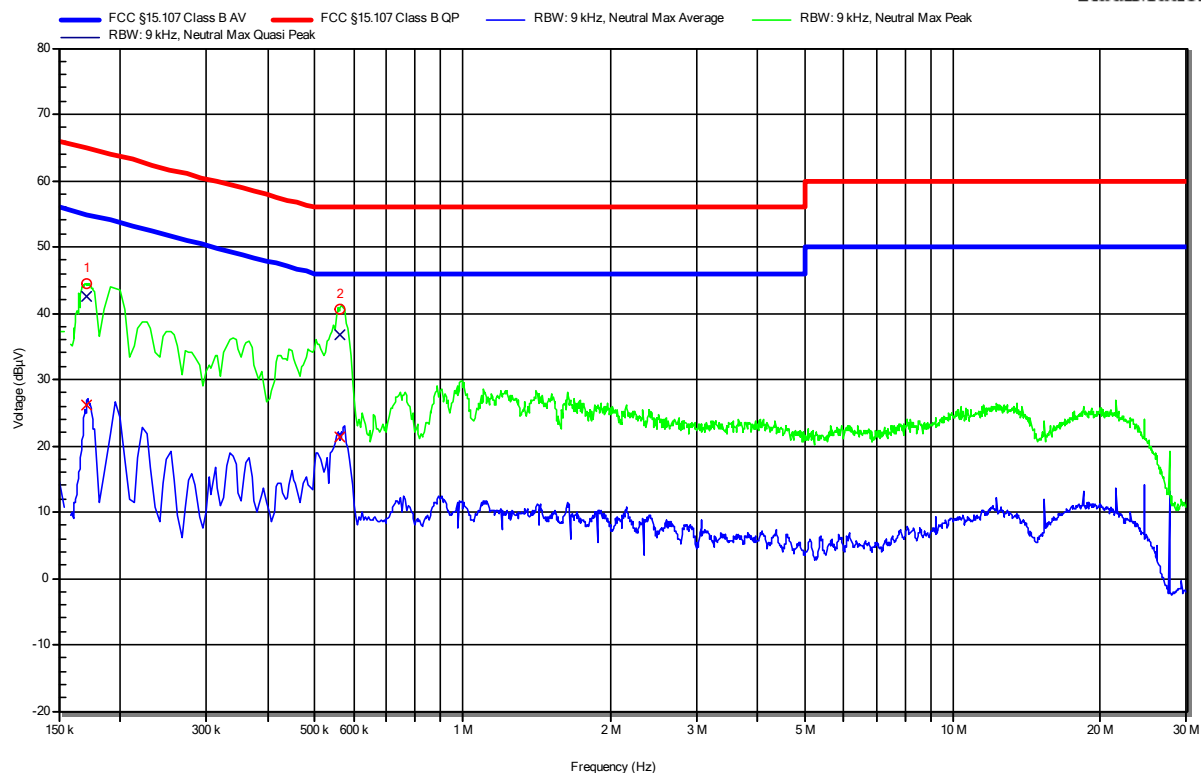
Eurofins Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**Conducted emissions at the mains power port  
according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC N  
 Operational Mode & EUT Configuration: 2  
 Applied to Port: AC-Mains  
 Note 1:

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**RadiMation**



| Peak Number | Frequency  | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN    |
|-------------|------------|------------|------------------|-----------------------|-------------------|---------|
| 1           | 171.15 kHz | 42.63 dBµV | 64.9 dBµV        | -22.27 dB             | Pass              | Neutral |
| 2           | 564 kHz    | 36.71 dBµV | 56 dBµV          | -19.29 dB             | Pass              | Neutral |

| Peak Number | Frequency  | Average    | Average Limit | Average Difference | Average Status | LISN    |
|-------------|------------|------------|---------------|--------------------|----------------|---------|
| 1           | 171.15 kHz | 26.23 dBµV | 54.9 dBµV     | -28.68 dB          | Pass           | Neutral |
| 2           | 564 kHz    | 21.25 dBµV | 46 dBµV       | -24.75 dB          | Pass           | Neutral |

Test Report No.: G0M-2109-1042-EF0115B-V01

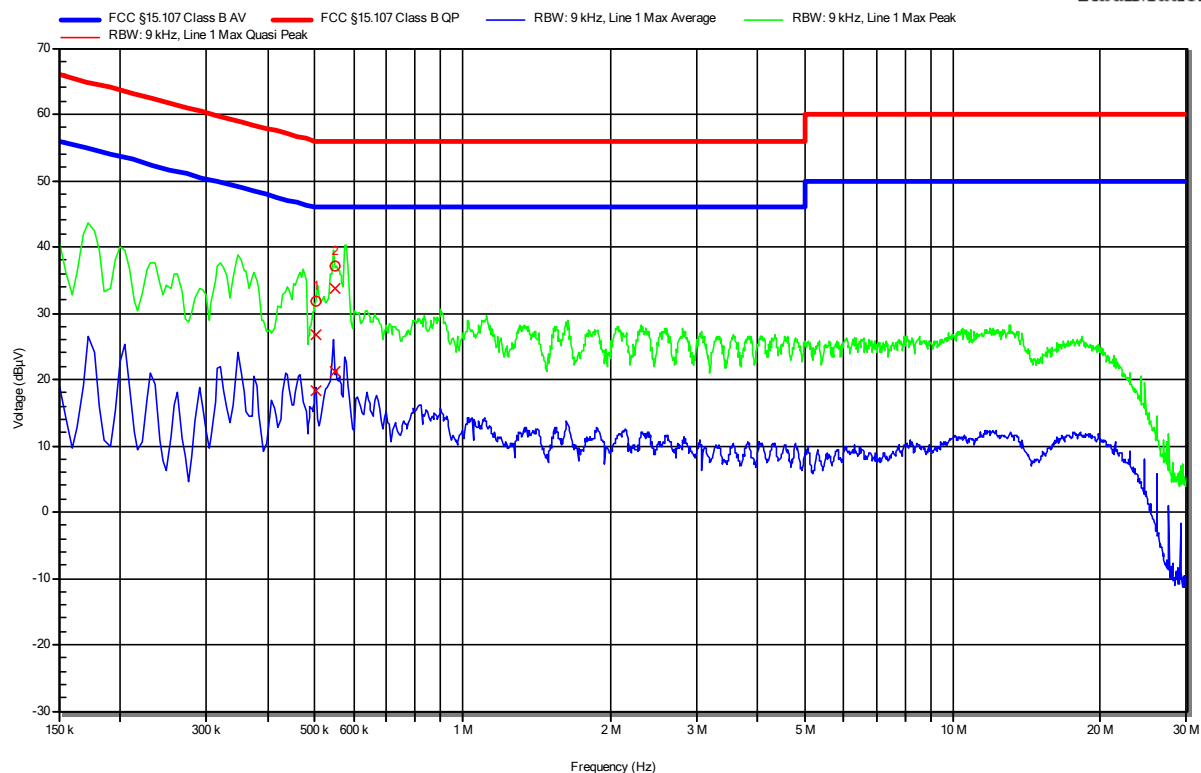
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

# **Conducted emissions at the mains power port according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36737 + 34139  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC L  
 Operational Mode & EUT Configuration: 2  
 Applied to Port: AC-Mains  
 Note 1:

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**RadiMation**



| Peak Number | Frequency | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN   |
|-------------|-----------|------------|------------------|-----------------------|-------------------|--------|
| 1           | 501 kHz   | 26.87 dBµV | 56 dBµV          | -29.13 dB             | Pass              | Line 1 |
| 2           | 551.4 kHz | 33.8 dBµV  | 56 dBµV          | -22.2 dB              | Pass              | Line 1 |

| Peak Number | Frequency | Average    | Average Limit | Average Difference | Average Status | LISN   |
|-------------|-----------|------------|---------------|--------------------|----------------|--------|
| 1           | 501 kHz   | 18.21 dBµV | 46 dBµV       | -27.79 dB          | Pass           | Line 1 |
| 2           | 551.4 kHz | 21.23 dBµV | 46 dBµV       | -24.77 dB          | Pass           | Line 1 |

Test Report No.: G0M-2109-1042-EF0115B-V01

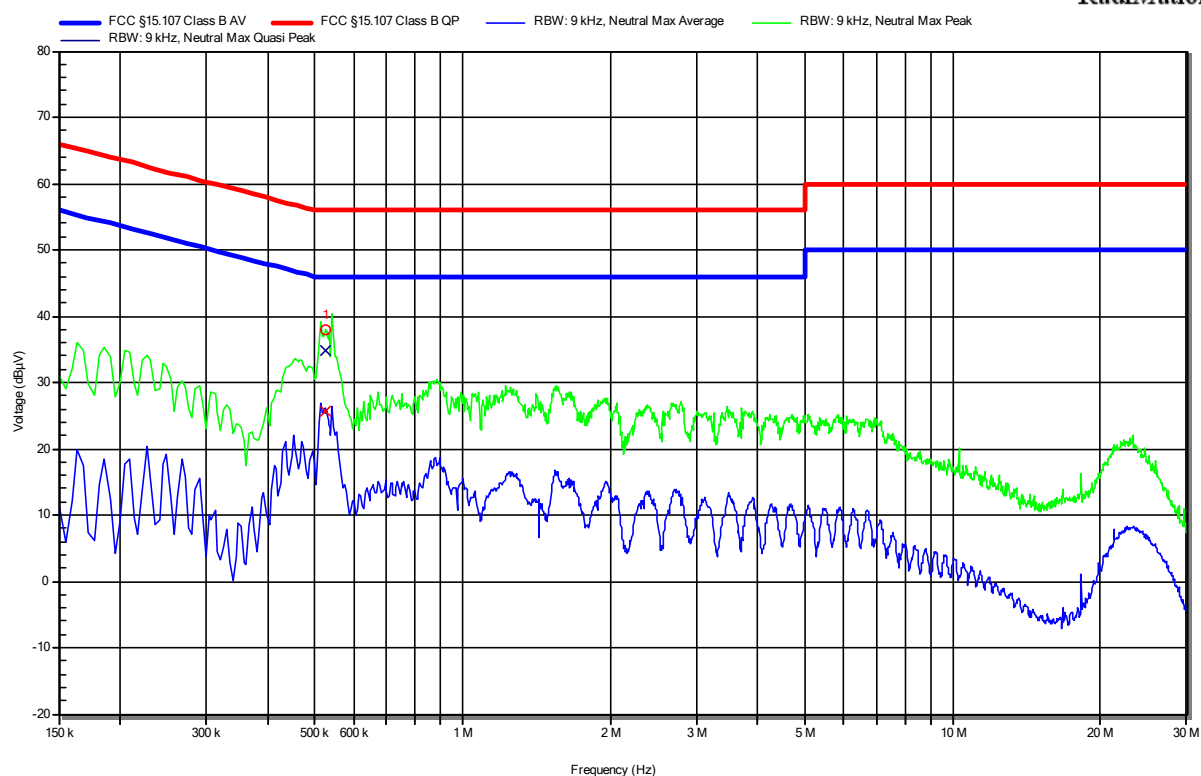
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

# **Conducted emissions at the mains power port according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC N  
 Operational Mode & 2  
 EUT Configuration: 3  
 Applied to Port: AC-Mains  
 Note 1:

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**RadiMation**



| Peak Number | Frequency | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN    |
|-------------|-----------|------------|------------------|-----------------------|-------------------|---------|
| 1           | 524.4 kHz | 34.74 dBµV | 56 dBµV          | -21.26 dB             | Pass              | Neutral |
| Peak Number | Frequency | Average    | Average Limit    | Average Difference    | Average Status    | LISN    |
| 1           | 524.4 kHz | 25.76 dBµV | 46 dBµV          | -20.24 dB             | Pass              | Neutral |

Test Report No.: G0M-2109-1042-EF0115B-V01

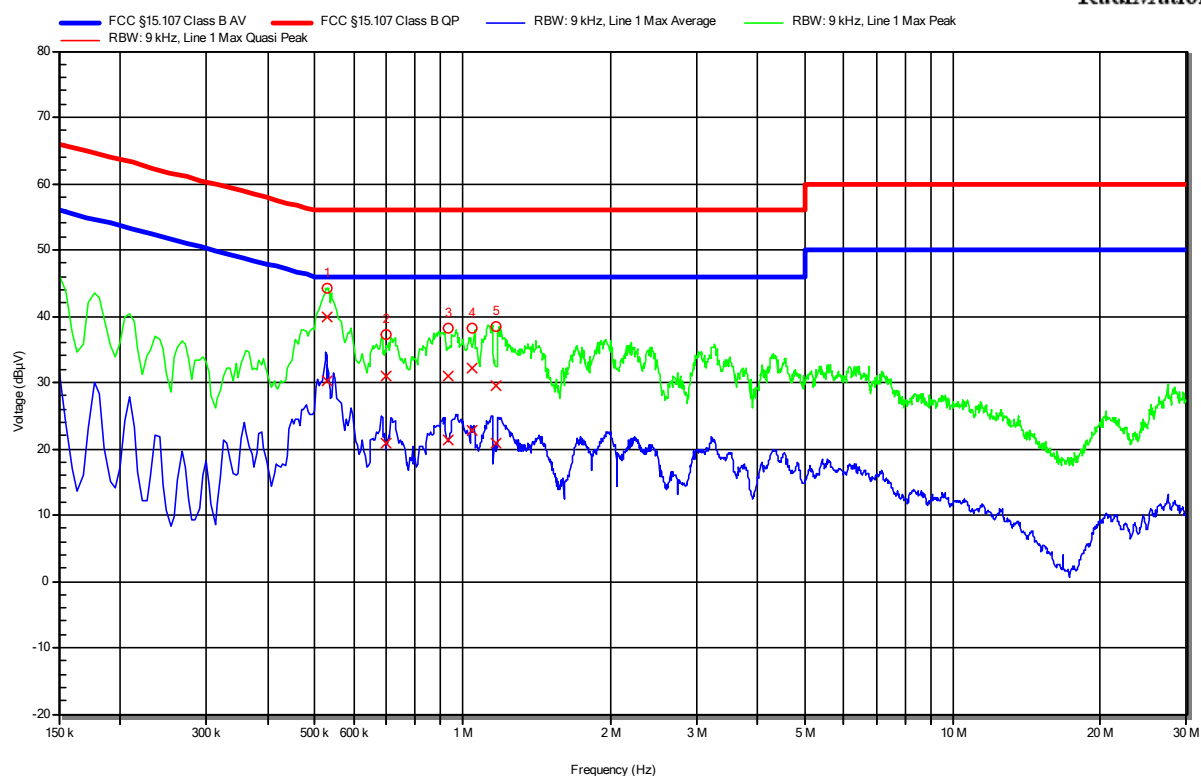
Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

# **Conducted emissions at the mains power port according to FCC part 15B**

Project Number: G0M-2109-1042  
 Applicant: Philip Morris Products S.A.  
 Model Description: Electronic Vaping System  
 Model: B-1603  
 Test Sample ID: 36734 + 34149  
 Test Site: Eurofins Product Service GmbH  
 Operator: Mr. Handrik  
 Test Date: 2021-11-11  
 Operating Conditions: ambient temperature: 21 °Celsius  
 power input: 120V AC / 60Hz  
 LISN: Schwarzbeck NSLK 8127 RC L  
 Operational Mode & EUT Configuration: 2  
 Applied to Port: 3  
 AC-Mains  
 Note 1:

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**RadiMation**



Test Report No.: G0M-2109-1042-EF0115B-V01

Eurofins Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

| Peak Number | Frequency  | Quasi-Peak | Quasi-Peak Limit | Quasi-Peak Difference | Quasi-Peak Status | LISN   |
|-------------|------------|------------|------------------|-----------------------|-------------------|--------|
| 1           | 529.35 kHz | 39.81 dBμV | 56 dBμV          | -16.19 dB             | Pass              | Line 1 |
| 2           | 699 kHz    | 30.87 dBμV | 56 dBμV          | -25.13 dB             | Pass              | Line 1 |
| 3           | 937.5 kHz  | 31.06 dBμV | 56 dBμV          | -24.94 dB             | Pass              | Line 1 |
| 4           | 1.045 MHz  | 32.2 dBμV  | 56 dBμV          | -23.8 dB              | Pass              | Line 1 |
| 5           | 1.167 MHz  | 29.57 dBμV | 56 dBμV          | -26.43 dB             | Pass              | Line 1 |

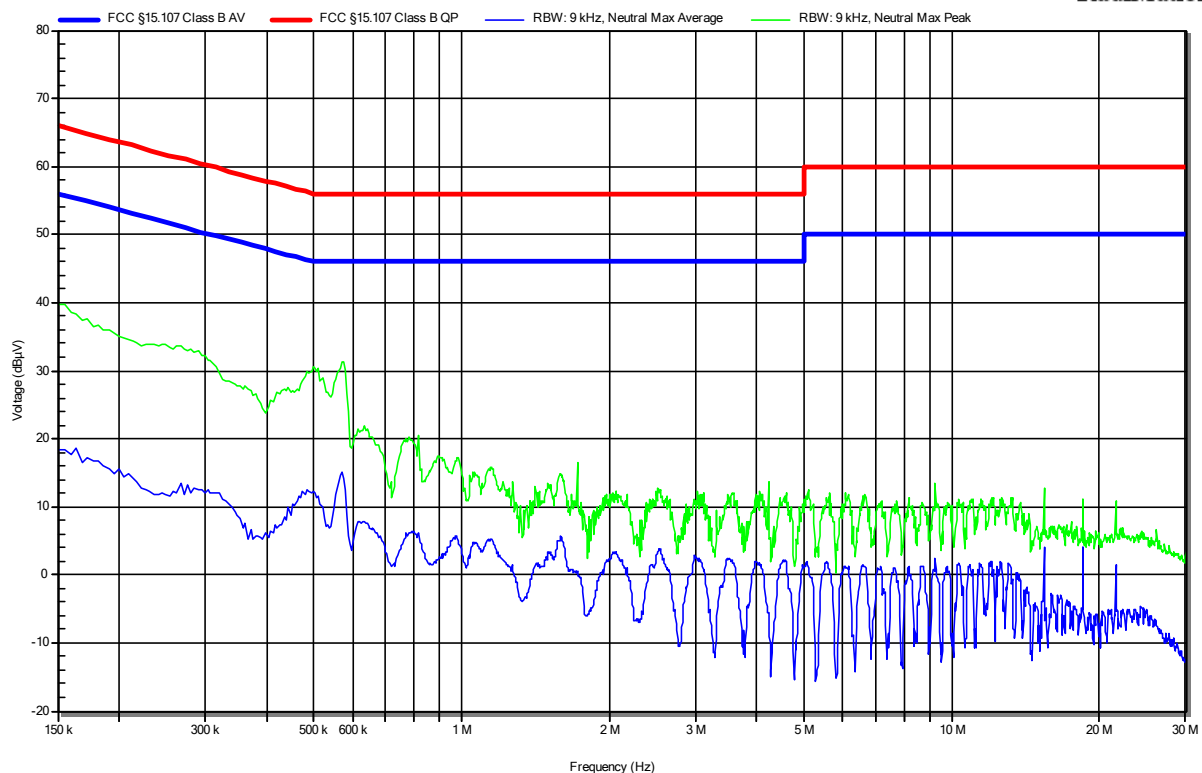
| Peak Number | Frequency  | Average    | Average Limit | Average Difference | Average Status | LISN   |
|-------------|------------|------------|---------------|--------------------|----------------|--------|
| 1           | 529.35 kHz | 30.23 dBμV | 46 dBμV       | -15.77 dB          | Pass           | Line 1 |
| 2           | 699 kHz    | 20.84 dBμV | 46 dBμV       | -25.16 dB          | Pass           | Line 1 |
| 3           | 937.5 kHz  | 21.42 dBμV | 46 dBμV       | -24.58 dB          | Pass           | Line 1 |
| 4           | 1.045 MHz  | 22.67 dBμV | 46 dBμV       | -23.33 dB          | Pass           | Line 1 |
| 5           | 1.167 MHz  | 20.8 dBμV  | 46 dBμV       | -25.2 dB           | Pass           | Line 1 |

# Conducted emissions at the mains power port according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36734 + 34139  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-11  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
LISN: Schwarzbeck NSLK 8127 RC N  
Operational Mode & EUT Configuration: 2  
Applied to Port: AC-Mains  
Note 1:

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RadiMation

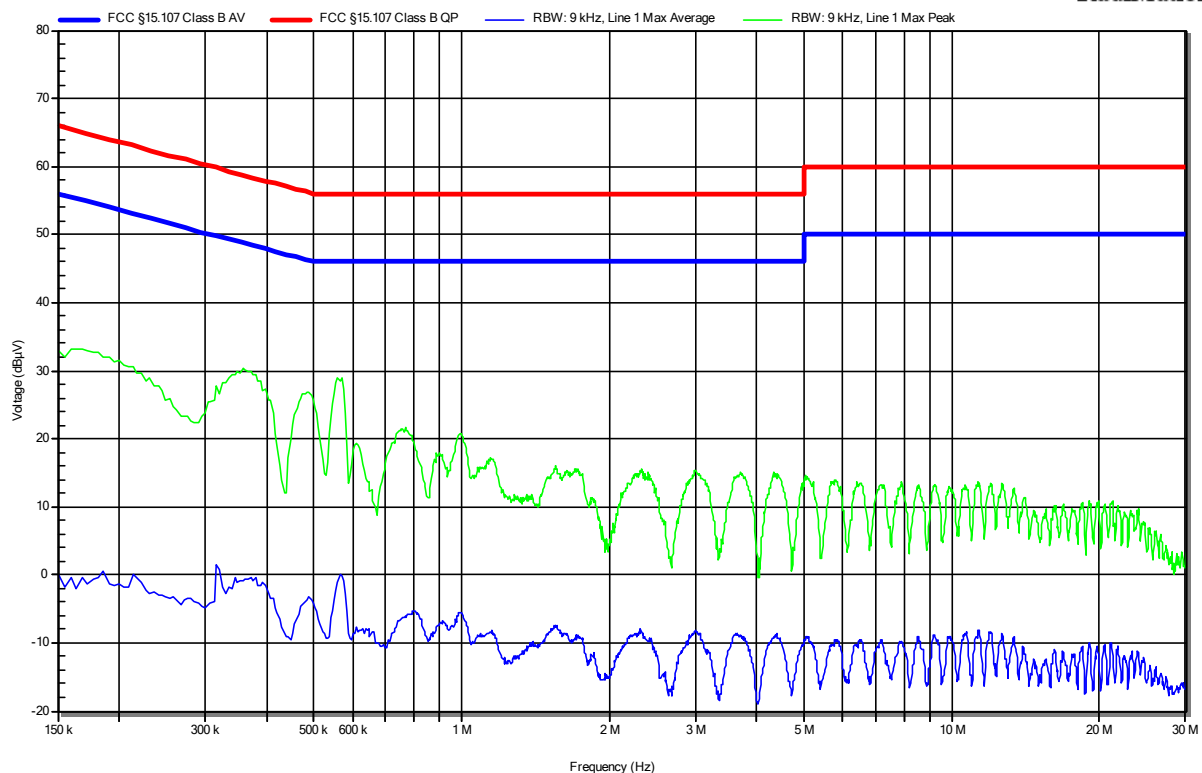


# Conducted emissions at the mains power port according to FCC part 15B

Project Number: G0M-2109-1042  
Applicant: Philip Morris Products S.A.  
Model Description: Electronic Vaping System  
Model: B-1603  
Test Sample ID: 36734 + 34139  
Test Site: Eurofins Product Service GmbH  
Operator: Mr. Handrik  
Test Date: 2021-11-11  
Operating Conditions: ambient temperature: 21 °Celsius  
power input: 120V AC / 60Hz  
LISN: Schwarzbeck NSLK 8127 RC L  
Operational Mode & EUT Configuration: 2  
Applied to Port: AC-Mains  
Note 1:

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RadiMation



### 3 Measurement Uncertainty

All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95%, with a coverage factor of 2.

| Test Name                                   | Measurement Uncertainty                                                                |
|---------------------------------------------|----------------------------------------------------------------------------------------|
| Conducted emissions at the mains power port | 150kHz to 30MHz, 3.35dB                                                                |
| Radiated Emission                           | 30MHz to 200MHz @ 3m, 5.1dB<br>200MHz to 1GHz @ 3m, 5.3dB<br>>1GHz to 6GHz @3m, 5.95dB |