

ISED CABid: ES1909  
Lab. Company Number: 4621A

Test Report No:  
84979RRF.005

## Test Report

USA FCC Part 15.209

CANADA RSS-Gen, RSS-210

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (*) Identification of item tested         | Charger for Wellness ring                                                                                                                                                                                                                                                                                                                                                                                                                         |
| (*) Trademark                             | Oura                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| (*) Model and /or type reference          | OA14                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| (*) Other identification of the product   | FCC ID: 2AD7V-OURA2602<br>IC: 20635-OURA2602                                                                                                                                                                                                                                                                                                                                                                                                      |
| (*) Features                              | Inductive charging WTP<br>HW version: 01<br>SW version: 0.8.1                                                                                                                                                                                                                                                                                                                                                                                     |
| (*) Manufacturer                          | Oura Health Oy<br>Elektroniikkatie 10, 90590 Oulu, Finland                                                                                                                                                                                                                                                                                                                                                                                        |
| Test method requested, standard           | USA FCC Part 15.209 (10-1-23 Edition): Radiated emission limits; general requirements.<br>CANADA RSS-Gen Issue 5 amendment 1 (March 2019). General Requirements for Compliance of Radio Apparatus.<br>CANADA RSS-210 Issue 10 (December 2019). Licence-Exempt Radio Apparatus: Category I Equipment<br>ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024: American National Standard for Testing Unlicensed Wireless Devices. |
| Summary                                   | IN COMPLIANCE                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Approved by (name / position & signature) | José Manuel Gómez Galván<br>EMC Consumer & RF<br>Lab. Manager<br>                                                                                                                                                                                                                                                                                            |
| Date of issue                             | 2026-02-17                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Report template No.                       | FDT08_27<br>(*) "Data provided by the client"                                                                                                                                                                                                                                                                                                                                                                                                     |

Index

Competences and guarantees .....3

General conditions .....3

Uncertainty .....3

Data provided by the client.....4

Usage of samples .....5

Test sample description .....6

Identification of the client.....8

Testing period and place .....8

Document history .....8

Environmental conditions .....9

Remarks and comments .....10

Testing verdicts.....10

List of equipment used during the test.....11

Summary .....12

Appendix A: Test results .....13

## Competences and guarantees

---

DEKRA Testing and Certification is a testing laboratory accredited by the National Accreditation Body (ENAC - Entidad Nacional de Acreditación) to perform the tests indicated in the Certificate No. 51/LE 147.

DEKRA Testing and Certification is an FCC-recognized accredited testing laboratory with appropriate scope of accreditation that covers the performed tests in this report.

DEKRA Testing and Certification is an ISED-recognized accredited testing laboratory, CABid: ES1909, Company Number: 4621A, with the appropriate scope of accreditation that covers the performed tests in this report.

In order to assure the traceability to other national and international laboratories, DEKRA Testing and Certification has a calibration and maintenance program for its measurement equipment.

DEKRA Testing and Certification guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated on the report and it is based on the knowledge and technical facilities available at DEKRA Testing and Certification at the time of performance of the test.

DEKRA Testing and Certification is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

**IMPORTANT:** No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA Testing and Certification.

## General conditions

---

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA Testing and Certification S.A.U.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA Testing and Certification S.A.U. and the Accreditation Bodies.

## Uncertainty

---

Uncertainty (factor  $k=2$ ) was calculated according to the DEKRA Testing and Certification S.A.U. internal document PODT000.

The total uncertainty of the measurement system for the radiated emissions of EUT from 30 MHz to 1 GHz is:  
Measurement uncertainty  $\leq \pm 5,35$  dB with factor ( $k = 2$ ).

The total uncertainty of the measurement system for the conducted testing of EUT is:  
Occupied Channel Bandwidth: Measurement uncertainty  $\leq \pm 1,17$  %

Measurement uncertainty  $\leq \pm 1.53$  dB with factor ( $k = 2$ ).

## Data provided by the client

---

The following data has been provided by the client:

1. Information relating to the description of the sample ("Identification of the item tested", "Trademark", "Model and/or type reference tested", "Manufacturer").
2. The sample consists of a Charger for Wellness ring. Wellness ring and app designed to help user gets more restful sleep and performs better.

DEKRA Testing and Certification S.A.U. declines any responsibility with respect to the information provided by the client and that may affect the validity of results. The laboratory is not responsible for such information and it is not covered by accreditation.

## Usage of samples

Samples under test have been selected by: The client.

| Id   | Control Number | Description                | Model | Serial Nº | Date of Reception | Application           |
|------|----------------|----------------------------|-------|-----------|-------------------|-----------------------|
| S/01 | 84979_26.1     | Charge Base<br>(Size 13)   | OA14  | --        | 2025-12-15        | Element<br>Under Test |
|      | 84979_5.1      | Smart Ring<br>(Size 13)    | OA13  | --        | 2025-12-05        | Auxiliary<br>Element  |
|      | 78472_90.1     | Power<br>adapter USB-<br>C | A2347 | --        | 2024-03-11        | Auxiliary<br>Element  |
|      | 84979_16.1     | USB Cable                  | --    | --        | 2025-12-05        | Auxiliary<br>Element  |

## Test sample description

|                                               |                                     |                                |                                     |                          |                                   |                          |                          |
|-----------------------------------------------|-------------------------------------|--------------------------------|-------------------------------------|--------------------------|-----------------------------------|--------------------------|--------------------------|
| Ports..... :                                  | Port name and description           | Cable                          |                                     |                          |                                   |                          |                          |
|                                               |                                     | Specified max length [m]       | Attached during test                | Shielded                 | Coupled to patient <sup>(3)</sup> |                          |                          |
|                                               | USB-C                               | .....                          | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>          |                          |                          |
|                                               | .....                               | .....                          | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>          |                          |                          |
|                                               | .....                               | .....                          | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>          |                          |                          |
|                                               | .....                               | .....                          | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>          |                          |                          |
| Supplementary information to the ports..... : | .....                               |                                |                                     |                          |                                   |                          |                          |
| Rated power supply .....                      | Voltage and Frequency               |                                | Reference poles                     |                          |                                   |                          |                          |
|                                               |                                     |                                | L1                                  | L2                       | L3                                | N                        | PE                       |
|                                               | <input type="checkbox"/>            | AC: .....                      | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>          | <input type="checkbox"/> | <input type="checkbox"/> |
|                                               | <input type="checkbox"/>            | AC: .....                      | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>          | <input type="checkbox"/> | <input type="checkbox"/> |
|                                               | <input checked="" type="checkbox"/> | DC: 5V                         |                                     |                          |                                   |                          |                          |
|                                               | <input type="checkbox"/>            | DC: .....                      |                                     |                          |                                   |                          |                          |
| Rated Power .....                             | .....                               |                                |                                     |                          |                                   |                          |                          |
| Clock frequencies..... :                      | .....                               |                                |                                     |                          |                                   |                          |                          |
| Other parameters .....                        | .....                               |                                |                                     |                          |                                   |                          |                          |
| Software version .....                        | 0.8.1                               |                                |                                     |                          |                                   |                          |                          |
| Hardware version .....                        | 01                                  |                                |                                     |                          |                                   |                          |                          |
| Dimensions in cm (W x H x D) .....            | 5.0 x 5.0 x 1.57                    |                                |                                     |                          |                                   |                          |                          |
| Mounting position .....                       | <input checked="" type="checkbox"/> | Table top equipment            |                                     |                          |                                   |                          |                          |
|                                               | <input type="checkbox"/>            | Wall/Ceiling mounted equipment |                                     |                          |                                   |                          |                          |
|                                               | <input type="checkbox"/>            | Floor standing equipment       |                                     |                          |                                   |                          |                          |
|                                               | <input type="checkbox"/>            | Hand-held equipment            |                                     |                          |                                   |                          |                          |
|                                               | <input type="checkbox"/>            | Other: .....                   |                                     |                          |                                   |                          |                          |
| Modules/parts..... :                          | Module/parts of test item           |                                | Type                                |                          | Manufacturer                      |                          |                          |

|                                                |             |           |              |
|------------------------------------------------|-------------|-----------|--------------|
|                                                | .....       | .....     | .....        |
|                                                | .....       | .....     | .....        |
|                                                | .....       | .....     | .....        |
|                                                | .....       | .....     | .....        |
| Accessories (not part of the test item) .....: | Description | Type      | Manufacturer |
|                                                | .....       | .....     | .....        |
|                                                | .....       | .....     | .....        |
|                                                | .....       | .....     | .....        |
|                                                | .....       | .....     | .....        |
|                                                | .....       | .....     | .....        |
|                                                | .....       | .....     | .....        |
| Documents as provided by the applicant.....:   | Description | File name | Issue date   |
|                                                | .....       | .....     | .....        |
|                                                | .....       | .....     | .....        |
|                                                | .....       | .....     | .....        |

(3) Only for Medical Equipment

## Identification of the client

Oura Health Oy  
Elektroniikkatie 10, 90590 Oulu, Finland

## Testing period and place

|               |                                                                                                                                                       |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Location | DEKRA TESTING AND CERTIFICATION S.A.U.<br>C/ Margarita Salas Boulevard, 26 - Parque Tecnológico de Andalucía; 29590 Campanillas (Málaga) (Location D) |
| Date (start)  | 2026-01-22                                                                                                                                            |
| Date (finish) | 2026-01-23                                                                                                                                            |

## Document history

| Report number | Date       | Description    |
|---------------|------------|----------------|
| 84979RRF.005  | 2026-02-17 | First release. |

## Environmental conditions

---

In the control chamber, the following limits were not exceeded during the test:

|                   |                                   |
|-------------------|-----------------------------------|
| Temperature       | Min. = 15 °C<br>Max. = 35 °C      |
| Relative humidity | Min. = 30 %<br>Max. = 75 %        |
| Air pressure      | Min. = 860mbar<br>Max. = 1060mbar |

In the semianechoic chamber, the following limits were not exceeded during the test.

|                   |                                   |
|-------------------|-----------------------------------|
| Temperature       | Min. = 15 °C<br>Max. = 35 °C      |
| Relative humidity | Min. = 30 %<br>Max. = 75 %        |
| Air pressure      | Min. = 860mbar<br>Max. = 1060mbar |

In the chamber for conducted measurements, the following limits were not exceeded during the test:

|                   |                                   |
|-------------------|-----------------------------------|
| Temperature       | Min. = 15 °C<br>Max. = 35 °C      |
| Relative humidity | Min. = 30 %<br>Max. = 75 %        |
| Air pressure      | Min. = 860mbar<br>Max. = 1060mbar |

## Remarks and comments

The tests have been performed by the technical personnel: Victoria Olmedo Villalba.

## Testing verdicts

|                |     |
|----------------|-----|
| Fail           | F   |
| Inconclusive   | I   |
| Not applicable | N/A |
| Not measured   | N/M |
| Pass           | P   |

## List of equipment used during the test

| Control No. | Equipment                           | Model      | Manufacturer            | Next Calibration |
|-------------|-------------------------------------|------------|-------------------------|------------------|
| 06498       | ACTIVE LOOP ANTENNA 9kHz-30MHz      | FMZB 1519B | SCHWARZBECK             | 2027-07-08       |
| 09968       | HYBRID BILOG ANTENNA 30MHz-6GHz     | 3142E      | ETS LINDGREN            | 2026-09-22       |
| 08130       | SEMIANECHOIC ABSORBER LINED CHAMBER | P29419     | ALBATROSS               | --               |
| 08134       | SHIELDED ROOM                       | P29419     | ALBATROSS PROJECTS GMBH | --               |
| 07549       | TEMPERATURE AND HUMIDITY PROBE      | HWg-STE    | HW GROUP                | 2026-04-23       |
| 07550       | TEMPERATURE AND HUMIDITY PROBE      | HWg-STE    | HW GROUP                | 2026-04-23       |
| 10304       | EMI TEST RECEIVER 2Hz-44GHz         | ESW44      | ROHDE AND SCHWARZ       | 2026-02-16       |

# Summary

1. WPT 6.78 MHz:

| FCC PART 15.209 / RSS-Gen, RSS-210 PARAGRAPH                                                        |         |        |
|-----------------------------------------------------------------------------------------------------|---------|--------|
| Requirement – Test case                                                                             | Verdict | Remark |
| Occupied bandwidth                                                                                  | P       | --     |
| FCC 15.209 (a) / RSS-Gen 8.9, RSS-210 7.2<br>General field strength and Transmitter emission limits | P       | --     |
| <u>Supplementary information and remarks:</u><br>None.                                              |         |        |

## Appendix A: Test results

INDEX

TEST CONDITIONS.....15

SAMPLE CALCULATION .....17

    Occupied Bandwidth .....18

    General field strength and Transmitter emission limits.....19

## TEST CONDITIONS

(\*) Declared by the Applicant

### POWER SUPPLY (\*):

Vnominal: 5 Vdc  
Type of Power Supply: External power supply.

### ANTENNA (\*):

Maximum Declared Antenna Gain: N/A

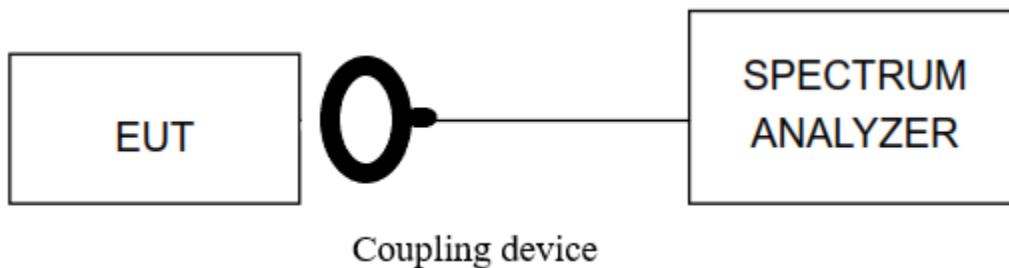
### TEST FREQUENCIES (\*):

Nominal Operating Frequency: 6.78 MHz

### Test setup

#### CONDUCTED MEASUREMENTS:

The equipment under test EUT was set up in a shielded room and it is connected to the spectrum analyzer through a RF cable and a coupling device.



#### RADIATED MEASUREMENTS:

All radiated tests were performed in a semi-anechoic chamber. The measurement antenna is situated at a distance of 3 m (Loop antenna for the range 9 kHz to 30 MHz and Bilog antenna for the range 30 MHz to 200 MHz).

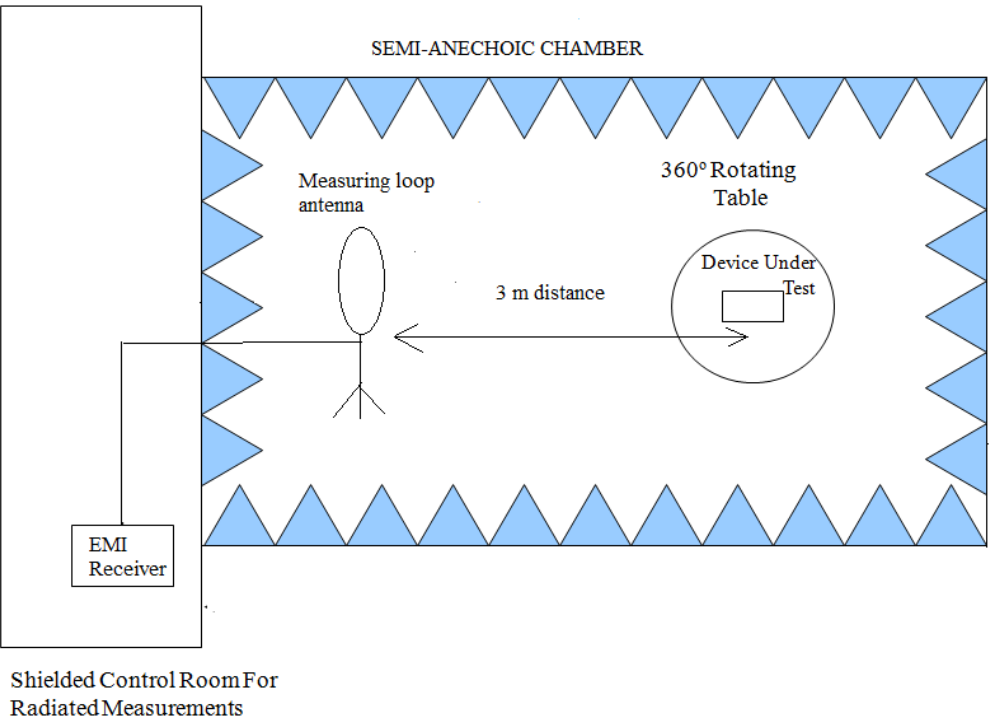
For radiated emissions in the range 9 kHz to 30 MHz performed at a distance closer than the distance specified in the standard, an inverse proportionality factor of 40 dB per decade is used to normalize the measured data for determining compliance.

The equipment under test was set up on a non-conductive platform above the ground plane and its situation and orientation were varied to find the maximum radiated emission. It was also rotated 360°.

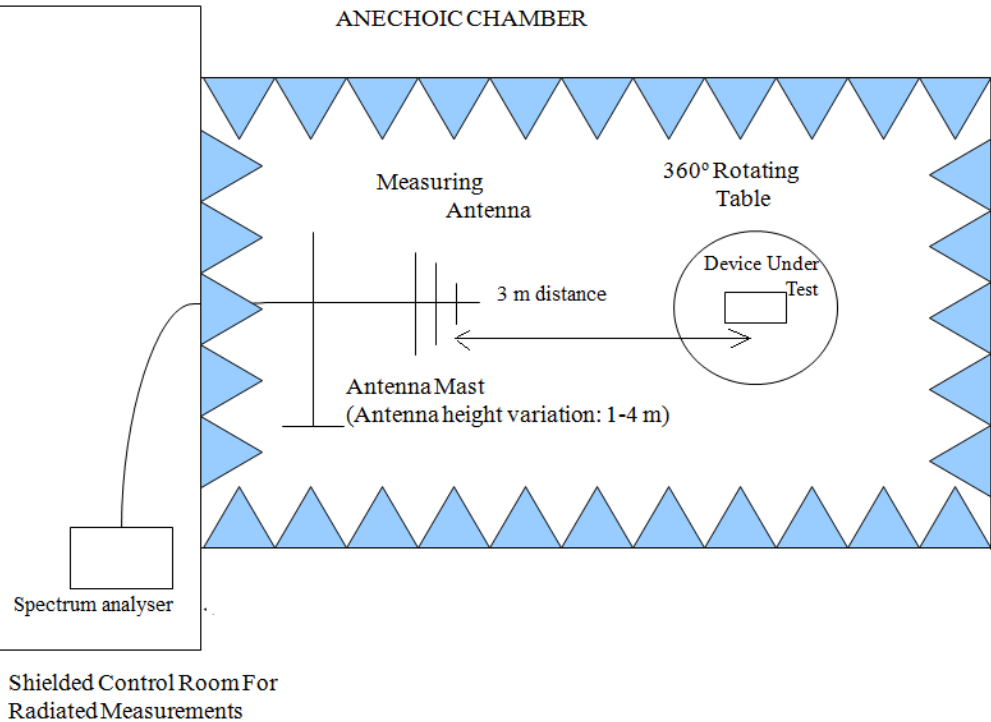
In the range between 9 kHz and 30 MHz the measurements were made in the three different orientation planes of the loop antenna to determine the maximum received field.

Measurements above 30 MHz up to 200 MHz were made in both horizontal and vertical planes of polarization and the measuring antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Radiated measurements setup  $f < 30$  MHz:



Radiated measurements setup  $f > 30$  MHz up to 200 MHz:



## SAMPLE CALCULATION

---

For radiated measurements:

Values measures by the test receiver / analyzer are converted to field strength, in dBuV/m, at the regulatory distance using the following calculation:

$$\text{Unwanted Lvl (dBuV/m)} = \text{Raw Rec (dBuV)} + \text{Preamp (dB)} + \text{Trd Corre. (dB/m)} + \text{SigPath (dB)}$$

Where,

Raw Rec (dBuV): Measured voltage in the receiver / spectrum analyzer in dBuV

Preamp (dB): Path loses due to preamplifier

Trd Corr. (dB/m): Antenna factor in dB/m

SigPath (dB) = Cable loss (dB) – External Gain amplifier (dB) – Distance factor (dB)

Cable loss (dB): Cable loss

External Gain amplifier (dB): Gain from external amplifier (when used)

Distance factor (dB): Distance factor in dB. When measurement distance is different to limit distance

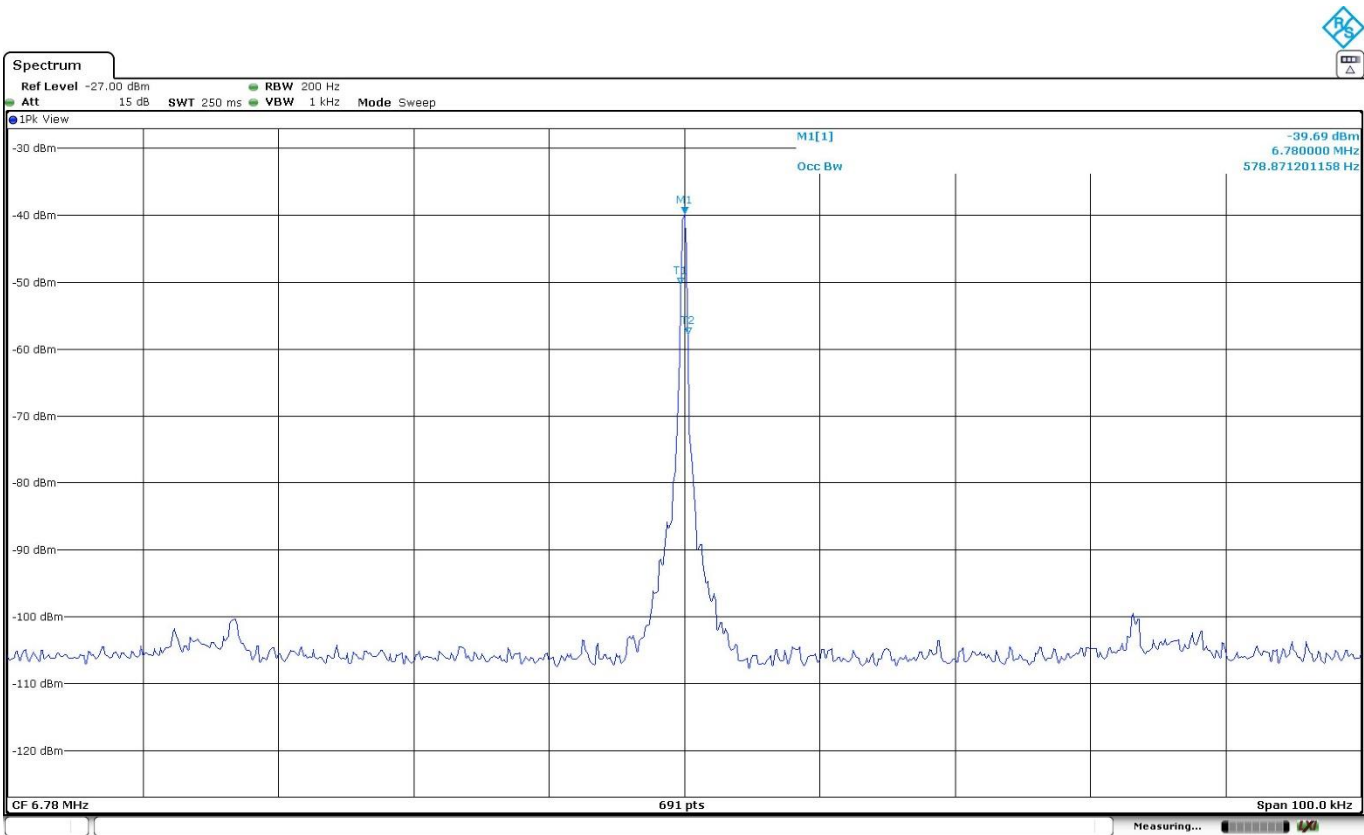
The field strength, calculated by this way is compared with the regulatory limit.

Occupied Bandwidth

Results

|                               |         |
|-------------------------------|---------|
| 99% Bandwidth (kHz)           | 0.578   |
| Measurement uncertainty (kHz) | < ±1.42 |

Attachments



## General field strength and Transmitter emission limits

### Limits

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table (see §15.205(c) / RSS-Gen):

| Frequency Range (MHz) | Field strength ( $\mu\text{V/m}$ ) | Field strength ( $\text{dB}\mu\text{V/m}$ ) | Magnetic field strength (H-Field) ( $\mu\text{A/m}$ ) | Measurement distance (m) |
|-----------------------|------------------------------------|---------------------------------------------|-------------------------------------------------------|--------------------------|
| 0.009 - 0.490         | 2400/F(kHz)                        | -                                           | 6.37/ F(kHz)                                          | 300                      |
| 0.490 - 1.705         | 24000/F(kHz)                       | -                                           | 63.7/ F(kHz)                                          | 30                       |
| 1.705 - 30.0          | 30                                 | 29.54                                       | 0.08                                                  | 30                       |
| 30 - 88               | 100                                | 40                                          | -                                                     | 3                        |
| 88 - 216              | 150                                | 43.5                                        | -                                                     | 3                        |
| 216 - 960             | 200                                | 46                                          | -                                                     | 3                        |
| Above 960             | 500                                | 54                                          | -                                                     | 3                        |

Note: For an intentional radiator, the spectrum shall be investigated from the lowest radio frequency signal generated in the device, without going below 9 kHz, up to at least the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.

Additionally, the level of any transmitter unwanted emission shall not exceed the level of the transmitter's fundamental emission.

### Results

All tests were performed in a semi-anechoic chamber at a distance of 3 m. The maximum peak value of the fundamental emission was measured as the worst case.

The spectrum was inspected from 9 kHz to 200 MHz for spurious signals search.

The field strength is calculated by adding correction factor to the measured level from the spectrum analyser. This correction factor includes antenna factor and cable loss.

### Fundamental emission:

|                                                                    |              |
|--------------------------------------------------------------------|--------------|
| E ( $\text{dB}\mu\text{V/m}$ ) measured at 3 m (Peak value)        | -6.54        |
| E ( $\text{dB}\mu\text{V/m}$ ) extrapolated to 30 m (40 dB/decade) | -46.54       |
| Equivalent level ( $\text{dB}\mu\text{A/m}$ ) at 30 m              | -98.04       |
| Measurement uncertainty (dB)                                       | < $\pm 3.08$ |

### Verdict

Pass

Frequency range 9 kHz - 30 MHz:

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Pol | Sig Path (dB) | Preamp (dB) | Trd Corr. (dB/m) | Raw Rec (dBµV) |
|-----------------|--------------------|------------------|----------------|-------------|-----|---------------|-------------|------------------|----------------|
| 6.778500        | ---                | -6.54            | ---            | ---         | H   | -39.9         | 0.0         | 19.0             | 14.3           |
| 6.778500        | -10.19             | ---              | 29.54          | 36.08       | H   | -39.9         | 0.0         | 19.0             | 10.7           |

Measurement uncertainty (dB) < ±3.08

Frequency range 30 - 200 MHz:

| Frequency (MHz) | QuasiPeak (dBµV/m) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Sig Path (dB) | Preamp (dB) | Trd Corr. (dB/m) | Raw Rec (dBµV) |
|-----------------|--------------------|------------------|----------------|-------------|-------------|-----|---------------|-------------|------------------|----------------|
| 47.407000       | 14.01              | ---              | 40.00          | 25.99       | 100.0       | V   | 0.8           | 0.0         | 7.1              | 6.1            |
| 47.407000       | ---                | 17.32            | ---            | ---         | 100.0       | V   | 0.8           | 0.0         | 7.1              | 9.4            |
| 61.070000       | ---                | 21.92            | ---            | ---         | 134.0       | V   | 0.9           | 0.0         | 6.8              | 14.2           |
| 61.070000       | 18.22              | ---              | 40.00          | 21.78       | 134.0       | V   | 0.9           | 0.0         | 6.8              | 10.5           |
| 74.554000       | 25.48              | ---              | 40.00          | 14.52       | 107.0       | V   | 1.0           | 0.0         | 7.1              | 17.4           |
| 74.554000       | ---                | 29.04            | ---            | ---         | 107.0       | V   | 1.0           | 0.0         | 7.1              | 21.0           |
| 88.141000       | ---                | 27.46            | ---            | ---         | 153.0       | V   | 1.1           | 0.0         | 6.6              | 19.8           |
| 88.141000       | 21.54              | ---              | 43.52          | 21.98       | 153.0       | V   | 1.1           | 0.0         | 6.6              | 13.9           |
| 101.731000      | 16.91              | ---              | 43.52          | 26.61       | 104.0       | V   | 1.2           | 0.0         | 8.2              | 7.6            |
| 101.731000      | ---                | 25.23            | ---            | ---         | 104.0       | V   | 1.2           | 0.0         | 8.2              | 15.9           |

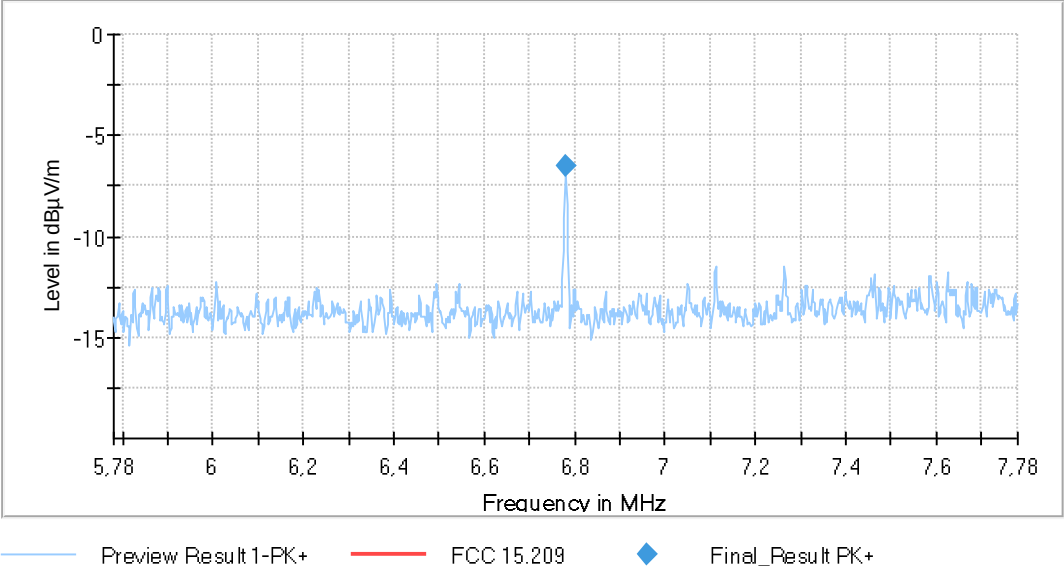
Measurement uncertainty (dB) < ±5.15

Verdict

Pass

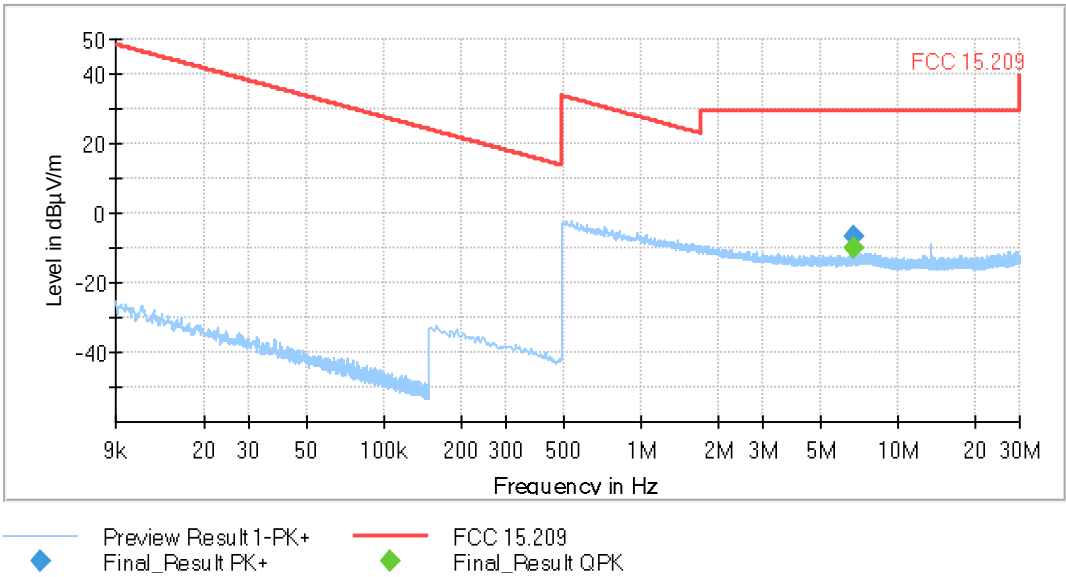
Attachments

FUNDAMENTAL EMISSION



|  | Subrange           | Step Size | Detectors | Bandwidth | Sweep Time | Preamp |
|--|--------------------|-----------|-----------|-----------|------------|--------|
|  | Receiver: [ESW 44] |           |           |           |            |        |
|  | 150 kHz - 30 MHz   | 2,25 kHz  | PK+       | 9 kHz     | 100 ms     | 0 dB   |

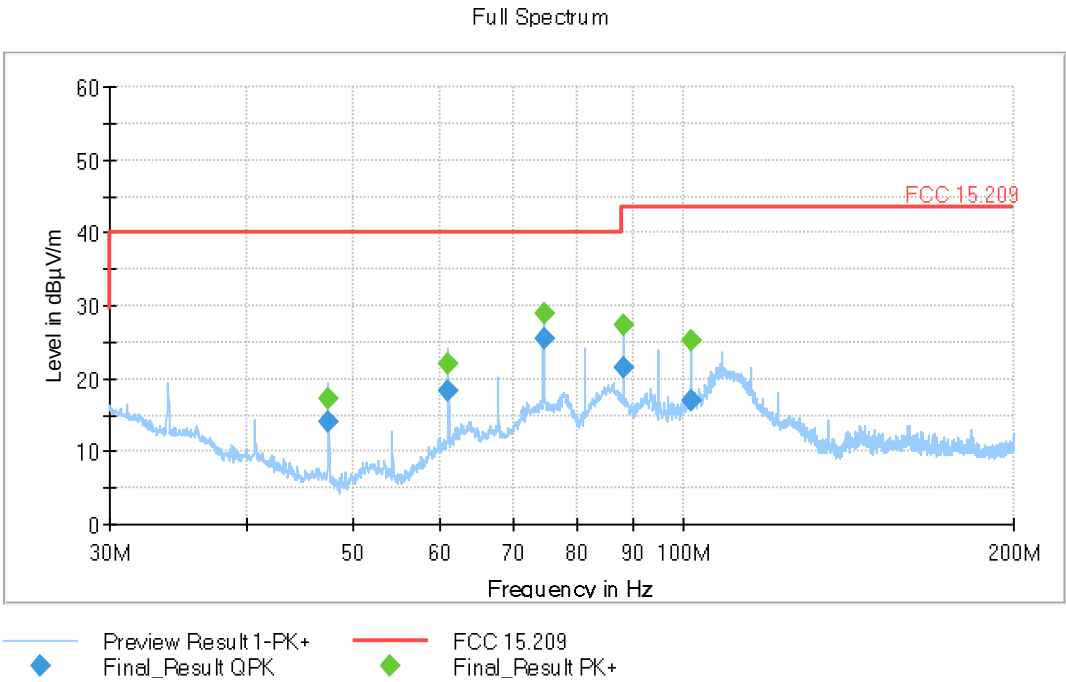
• FREQUENCY RANGE 9 kHz - 30 MHz:



Note: The scan is performed with a peak detector.

|  | Subrange           | Step Size | Detectors | Bandwidth | Sweep Time | Preamp |
|--|--------------------|-----------|-----------|-----------|------------|--------|
|  | Receiver: [ESW 44] |           |           |           |            |        |
|  | 9 kHz - 150 kHz    | 50 Hz     | PK+       | 200 Hz    | 100 ms     | 0 dB   |
|  | 150 kHz - 30 MHz   | 2,25 kHz  | PK+       | 9 kHz     | 100 ms     | 0 dB   |

FREQUENCY RANGE 30 - 200 MHz:



Note: The scan is performed with a peak detector.

|  | Subrange           | Step Size | Detectors | Bandwidth | Sweep Time | Preamp |
|--|--------------------|-----------|-----------|-----------|------------|--------|
|  | Receiver: [ESW 44] |           |           |           |            |        |
|  | 30 MHz - 200 MHz   | 30 kHz    | PK+       | 120 kHz   | 20 ms      | 30 dB  |