

Regulatory Information

Eppendorf Xplorer® connect

English (EN)

1 Regulatory information

Regulatory information, certification, and compliance marks specific to "Eppendorf Xplorer connect" are available on the internet under www.eppendorf.com/manuals.

2 EU compliance statement

Hereby, Eppendorf AG declares that the radio equipment type "Eppendorf Xplorer connect" is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available on the internet under www.eppendorf.com/manuals.

2.1 Body worn operation

The device complies with RF specifications when used at a distance of 0 cm from your body. Ensure that the device accessories, such as a device case and holster, are not composed of metal components. Keep the device away from your body to meet the distance requirements.

2.2 Certification information

This device meets guidelines for exposure to radio waves.

Your device is a low-power radio transmitter and receiver. As recommended by international guidelines, the device is designed not to exceed the limit for exposure to radio waves. These guidelines were developed by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), an independent scientific organization, and include safety measures designed to ensure the safety of all users, regardless of age and health.

The specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a device.

The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level during operation can be well below the value. This is because the device is designed to use the minimum power required to reach the network. The SAR limit adopted by Europe is 2.0 W/kg averaged over 10 grams of tissue, and the highest SAR value for this device complies with this limit.


The highest SAR value reported for this device type when tested in portable exposure conditions is 0.00 W/kg.


3 FCC compliance statement

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- this device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.

 Changes or modifications made to this equipment not expressly approved by Eppendorf AG may void the FCC authorization to operate this equipment.

 This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

4 ISED Canada compliance statement

This device complies with ISED Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:

- this device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- l'appareil ne doit pas produire de brouillage, et
- l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

5 Radiofrequency radiation exposure Information

This equipment complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. For body-worn operation, this product has been tested and meets the RF exposure for this product when used with an accessory that contains no metal and that positions the mobile device a minimum of 0 mm from the body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Pour l'utilisation lorsque l'appareil est porté sur soi, ce produit a été testé et déclaré conforme aux directives d'exposition aux radiofréquences de ce produit lorsqu'il est utilisé avec un accessoire qui ne contient pas de métal et qui positionne l'appareil mobile à au moins 0 mm du corps. Ce transmetteur ne doit pas être placé au même endroit ou utilisé simultanément avec un autre transmetteur ou antenne.


6 Technical data

6.1 Funkmodul

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|---------------------|-----------------------|
| Transmit peak power | max. 0.088 W |
| Power level | ≤ 20 dBm |
| Frequency band | 2400 MHz – 2483.5 MHz |
| Radio channel | 1 |
| Approval | FCC, IC |
| Standard | 802.11 n |

7 Governmental regulations


7.1 Australia and New Zealand

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|---|------|
|  | R-NZ |
|---|------|

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7.2 Brazil


Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados. Para maiores informações, consulte o site da ANATEL – www.anatel.gov.br

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|  | 18622-21-14470 |
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7.3 China



CMIIT ID 2022DJ4253

7.4 Hong Kong


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|  | HK0022200050 |
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7.5 Japan

This device is granted pursuant to the Japanese Radio Law (MIC OCTR Article 2, §1, Item 19). This device should not be modified (otherwise the granted designation number will become invalid).

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|  |  215-JUK019 |
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7.6 Malaysia


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|  | HIDF22000035 |
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7.7 Singapore

Complies with IMDA Standards.

N5008-21

7.8 South Korea

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|  | 상 호 : | Eppendorf SE |
| | 기자재 명칭 : | 특정소출력 무선기기 (무선데이터통신시스템용 무선기기) |
| | 모 델 명 : | Eppendorf Xplorer ® connect |
| | 제조년월 : | 2021-12-10 |
| | 제조사 및 제조국가 : | Eppendorf SE / Germany |

R-R-eSe-4861490500

7.9 Thailand

This telecommunication equipment conforms to NTC technical requirement.