

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 0.84 W/kg.

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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 when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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

For body worn operation, this model meets the FCC RF exposure guidelines.

RF exposure or SAR information can be viewed online at www.fcc.gov/oet/ea/fccid/. This site uses this product FCC ID number on the outside of the product. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular product, follow the instructions on the website and it should provide RF exposure information or values for typical or maximum SAR for the particular product.

The Specific Absorption Rate (SAR) is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC wireless devices comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

6 Technical data

6.1 Radio module

Transmit peak power	max. 0.088 W
Power level	19 dBm
Frequency band	2412 Hz – 2462 Hz
Radio channel	1 – 11
Approval	FCC, IC
Standard	802.11 b/g/n

Your local distributor: www.eppendorf.com/contact

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