

WIRELESS TECHNICAL DESCRIPTION

Your hearing aids contain a radio transceiver utilizing Bluetooth® Low Energy wireless technology operating in the 2.4-2.4835 GHz frequency band with a maximum effective radiated power of -5.6 dBm (Edge AI mRIC R). -1.5 dBm (Edge AI RIC RT) using GFSK modulation. The receiver section of the radio has a bandwidth of 1.5 MHz. The Edge AI RIC RT also contains a radio transceiver utilizing Near Field Magnetic Induction operating on 10.281 MHz with maximum induced magnetic field strength of -5 dBuA/m at a measurement distance of 10 meters with 8-DPSK modulation. The RIC RT receiver section of the NFMI radio has a bandwidth of 400 kHz.

This hearing aid model has been tested to, and has passed, the following emissions and immunity tests:

- IEC 60601-1-2 radiated emissions requirements for a Group 1 Class B device as stated in CISPR 11.
- RF radiated immunity at a field level of 10 V/m between 80 MHz and 2.7 GHz as well as higher field levels from communications devices as stated in Table 9 of IEC 60601-1-2.
- Immunity to power frequency magnetic fields at a field level of 30 A/m, as well as proximity magnetic fields as defined in table 11 of 60601-1-2.
- Immunity to ESD levels of +/- 8 kV conducted discharge and +/- 15 kV air discharge.

The expected service life is 3 years.

WIRELESS NOTICES

Edge AI mRIC R:

FCC ID: EOA-24EDGMRIC

IC: 6903A-24EDGMRIC (Edge AI mRIC R, Vitality AI mRIC R, OuieZen SK ED mRIC R)

Edge AI RIC RT:

FCC ID: EOA-24EDGRICRT

IC: 6903A-24EDGRICRT (Edge AI RIC RT Vitality AI RIC RT)

EU ADVERSE EVENT REPORTING

Any serious incident that has occurred in relation to your Starkey device should be reported to your local Starkey representative and the Competent Authority of the Member State in which you are established. A serious incident is defined as any malfunction, deterioration in the characteristics and/or performance of the device, or inadequacy in the device user manual/ labeling which could lead to the death or serious deterioration in the state of health of the user, OR could do so upon recurrence.

FCC information

These devices comply with part 15 of the FCC rules and with ISSED Canada license-exempt RSS standards. Operation is subject to the following two conditions: (1) The device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Hereby, Starkey Laboratories, Inc. declares that the mRIC R/RIC RT is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. A copy of the Declaration of Conformity can be obtained from the address below or from docs.starkeyhearingtechnologies.com.

Hereby, Starkey Laboratories, Inc. declares that the mRIC R/RIC RT are in compliance with the UK Radio Equipment Regulations SI 2017 as amended. A copy of the UK Declaration of Conformity can be obtained from the following addresses and from docs.starkeyhearingtechnologies.com.