

Nokia 6102h User Guide addendum

■ Hearing Aid Compatibility

Your mobile device model complies with FCC rules governing hearing aid compatibility with hearing aids operating in microphone mode. These rules require phone models to fulfil the telephone near field category M3 or higher category. The M-value, shown on the device box, refers to lower radio frequency (RF) emissions. A higher M-value generally indicates that a device model has a lower RF emissions level, which may improve the likelihood that the device will operate with certain hearing aids. Some hearing aids are more immune than others are to interference. Please consult your hearing health professional to determine the M rating of your hearing aid and whether your hearing aid will work with this device.

GSM networks in the United States utilize 850 and 1900 MHz bands. Your phone operates on both bands, and is enhanced with a "hearing aid mode" to activate if needed. In this mode, the phone reduces the maximum power that it can use when operating in the GSM 850 MHz band, thus potentially reducing interference with a hearing aid. When your phone is operating in the GSM 1900 MHz band, using the hearing aid mode does not impact the phone's operations. There is also no benefit to using the hearing aid mode if you do not wear hearing aids.

The type of hearing aid and how far the phone is from a network base station both contribute to whether the hearing aid mode is beneficial. Hearing aid users should experiment with use of the hearing aid mode to determine whether it affects the operation of their hearing aids while using the mobile phone.

Activate the hearing aid mode

Select [Menu](#) > [Settings](#) > [Enhancement settings](#) > [Hearing aid](#) > [On](#).

An "ear" icon is displayed on the start screen.

If you make an emergency call to 911 while the phone is in the hearing aid mode, the phone will use as much power as it needs (up to the maximum available) to connect the call.

More information on accessibility can be found at www.nokiaaccessibility.com

■ Certification information (SAR)

The following text supplements the section entitled "Certification Information" in the User Guide:

THIS MOBILE DEVICE MEETS GUIDELINES FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were

developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station. The highest SAR value under the ICNIRP guidelines for use of the device at the ear is 0.68 W/kg.

Use of device accessories and enhancements may result in different SAR values. SAR values may vary depending on national reporting and testing requirements and the network band. Additional SAR information may be provided under product information at www.nokia.com.

Your mobile device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA) and Industry Canada. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value for reported for the Nokia 6102h phone under this standard during product certification for use at the ear is 0.48 W/kg and when properly worn on the body is 1.07 W/kg. Information can be found at <http://www.fcc.gov/oet/fccid> by searching the equipment authorization system using FCCID PPIRM-77XH.

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