

### ABSTRACT

The present invention relates to a device for use in a hearing aid system comprising a radio antenna for reception and/or transmission to/from other devices in the hearing aid system, wherein the device is arranged to register a radio disturbance received by the radio antenna at an occasion when the radio antenna is not used for reception and/or transmission to/from the other devices. The present invention further relates to a transmission system comprising a mini receiver connected to a hearing aid device and comprising a radio antenna for reception of communications, a setting device comprising a radio antenna for communication of settings and audio information to the mini receiver, a transmitter device comprising a radio antenna for transmission of audio information to the mini receiver, wherein at least one of the mini receiver, setting device, or transmitter device is arranged to register a radio disturbance at an occasion when its radio antenna is not used for reception and/or transmission.