

## Audiological Bulletin no. 49

The fitting range of Passion wire flex and the instant receiver ear-tip flex

News from Audiological Research and Communication

As an instant fit tip, the instant receiver ear-tip flex will not optimally fit all outer ears. Depending on the individual formation of the outer ear, leakages can occur between the tip and the canal wall. With some outer ears these leakages can give rise to acoustic feedback, particularly if the hearing aid is set to provide gain in the outer region of the fitting range.

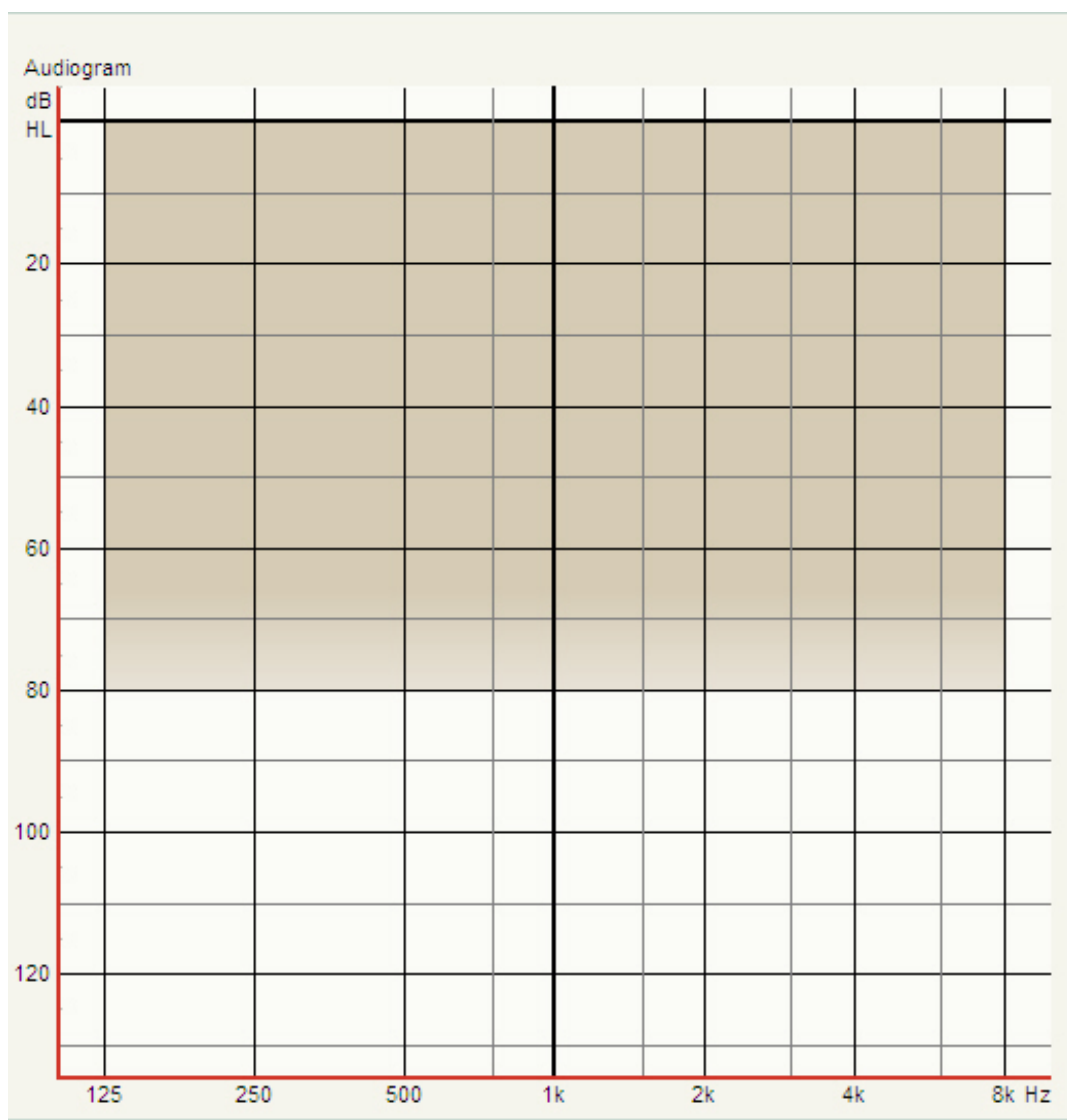


Figure. Fitting range of Wire Flex as shown in the Compass Selection screen

In all configurations, Passion provides stable amplification up to 65 dB HL with the instant receiver ear-tip flex. However, within the shaded zone between 65 and 80 dB HL (see figure) extra attention must be given to how well the instant receiver ear-tip seals the ear canal. The feedback test result with the in-situ vent effect can be used as an indicator of how well the instant receiver ear-tip flex seals the ear canal. For hearing losses in the range between 65 and 80 dB HL it might be beneficial to use a custom receiver ear-tip flex that will optimally seal the individual ear canal. We recommend that the suitability of fittings in this grey zone be examined on a case-by-case basis.