

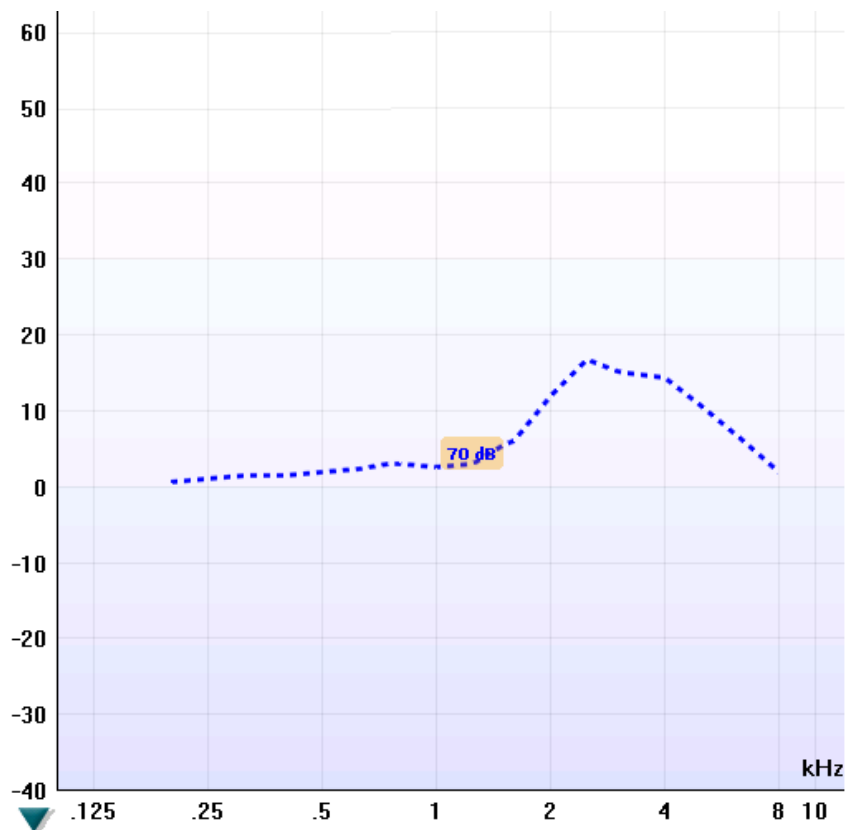
Using the Affinity 2.0 REUG/REIG in an OASIS plus Fitting

1 What is REUG?

The REUG (Real-Ear Unaided Gain) accounts for the gain (dB) provided solely by the pinna and ear canal measured at the ear drum. A hearing instrument must not be inserted during this measurement.

2 What does the REUG look like?

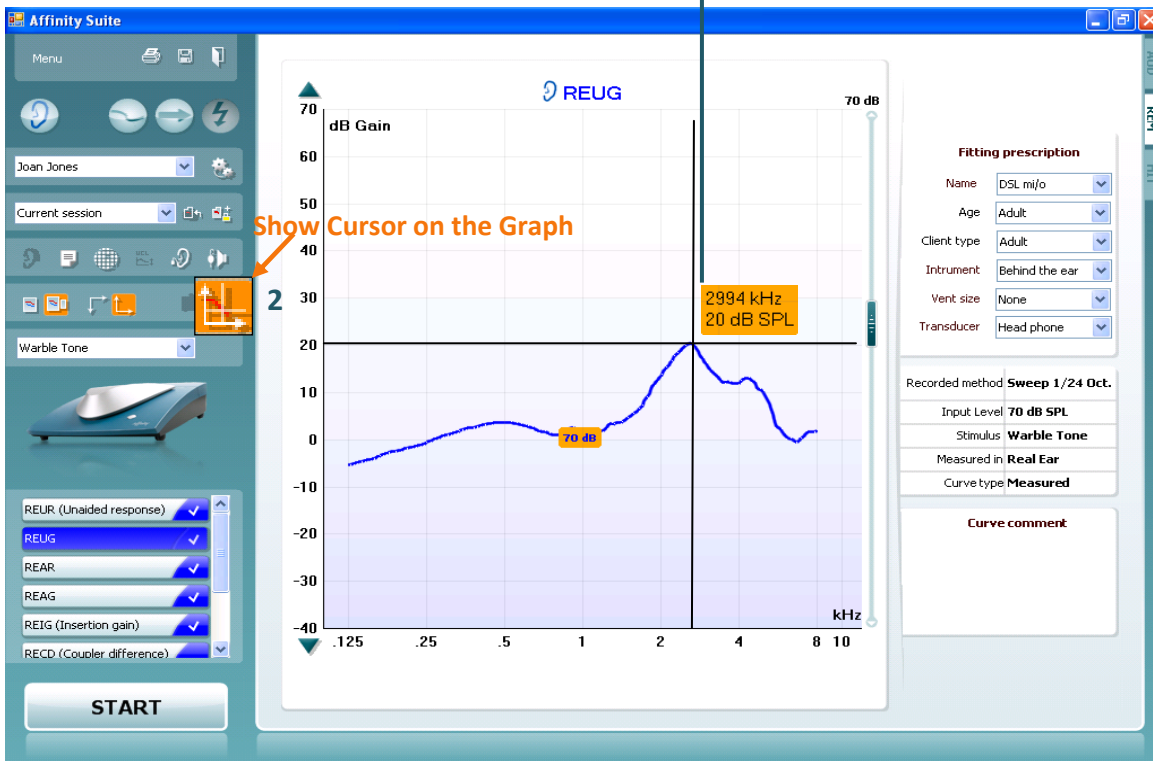
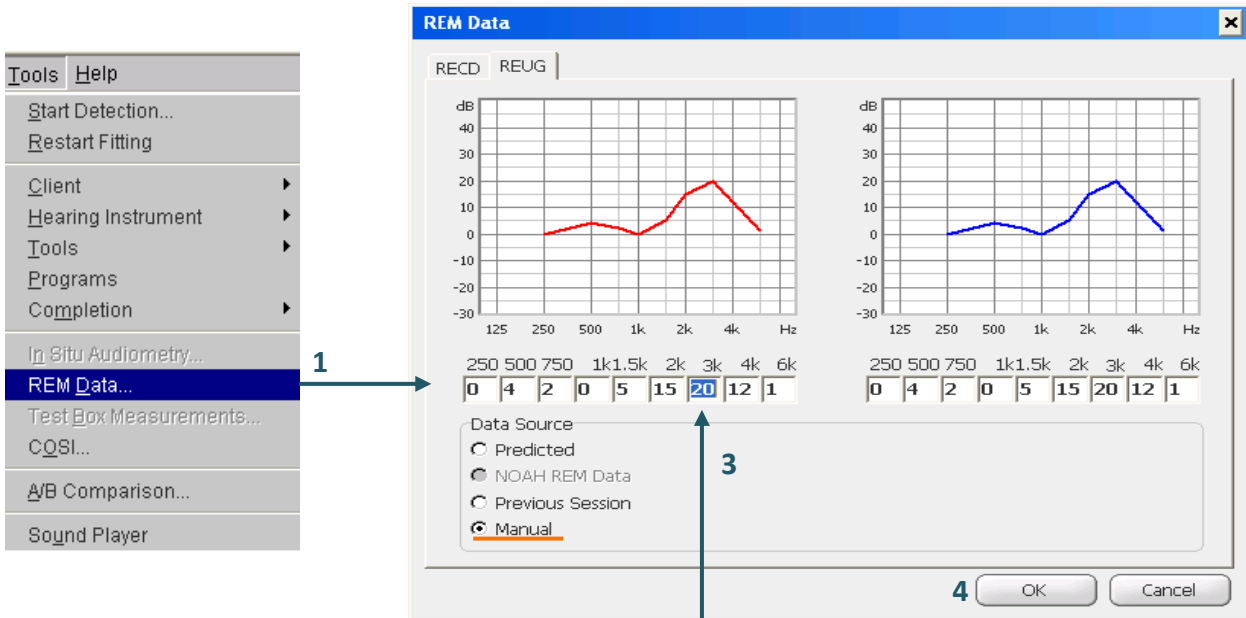
Below is an average REUG for an adult with normal ear canal anatomy. Note that there can be great individual variations.



Note: For instructions on how to measure the REUG please refer to the **Affinity Manual** page 5.62

3 Transferring the REUG data into OASIS plus

- 1) In OASIS plus, open **Tools** and select **REM Data**. Then choose **Manual**.
- 2) In the Affinity REM440, click on the **Show Cursor on the Graph** button.
- 3) Manually enter the REUG values shown on the cursor into OASIS plus at the corresponding frequencies.
- 4) Click **OK** and the measured values will be taken into account in the hearing aid fitting.



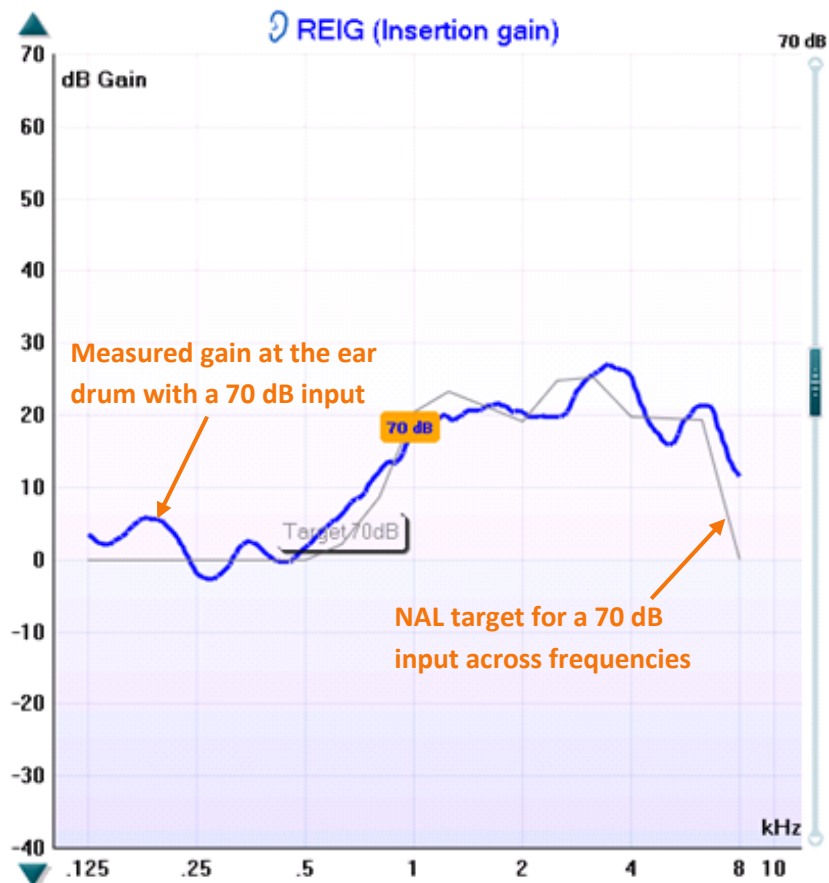
4 What is REIG?

The REIG (Real-Ear Insertion Gain) accounts for the gain (dB) across frequencies provided by the hearing aid alone.

$$\text{REAG} - \text{REUG} = \text{REIG}$$

The REIG is most often used to verify if a given hearing instrument setting is providing an acceptable level of gain compared to the prescribed REIG target (e.g. NAL or DSL).

5 What does the REIG look like?



6 Comparing the REIG in the Affinity to OASIS plus

- 1) In OASIS plus, within **Technical Toolbox**, click the **Zoom View**. This will provide an illustration of the SIMULATED REIG which may differ from gain measured on the Affinity^{2.0}.
- 2) In the Affinity^{2.0}, click on the **Show Cursor on the Graph** button and read the REIG values per frequency.
- 3) Compare the Affinity^{2.0} values to the simulated gain in OASIS plus and fine tune if necessary.

