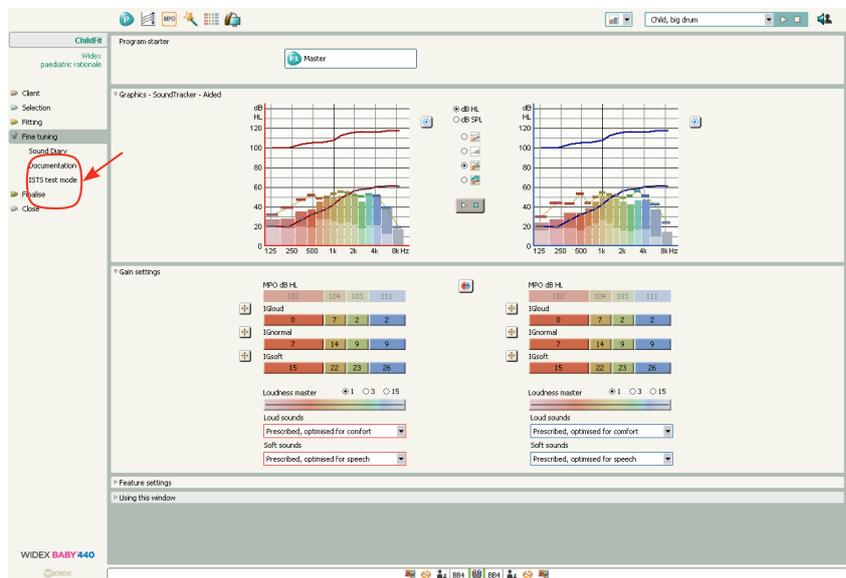


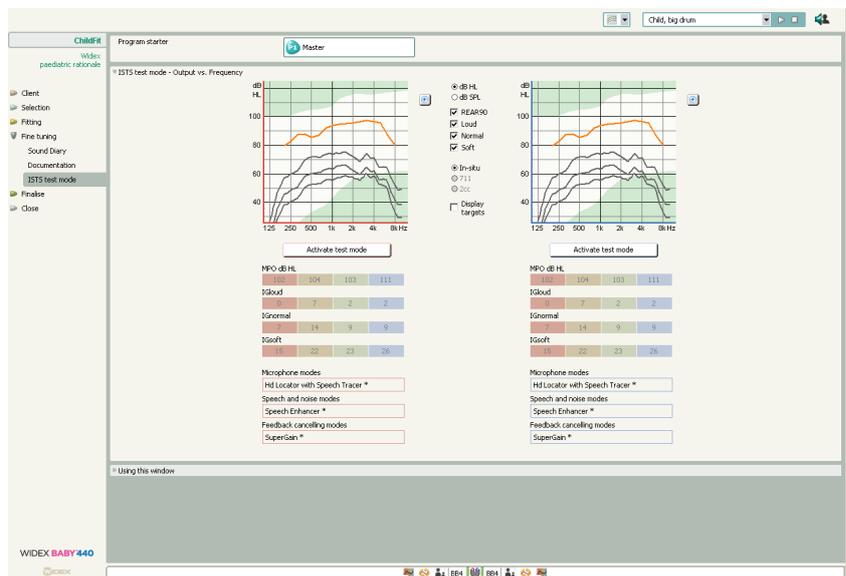
## VERIFICATION OF THE WIDEX BABY440 HEARING AID

This bulletin describes how to set up WIDEX BABY440 for electroacoustic coupler verification in a test box. In general this type of measurement is only necessary for documentation, as the output in the coupler has already been checked by Widex. Please refer to Compass V5.1 in order to see the details of the screen. Remember that Compass offers several help functions to explain the different options in the program: Tooltips, Solution guide, Using this window panels and the Help Manual.

While performing verification measurements with the WIDEX BABY440 hearing aid, you should activate the ISTS test mode found in Compass



Finding the ISTS test mode under the Fine tuning window



The ISTS test mode screen

Activating the ISTS test mode will put the hearing aid microphone into a fixed omnidirectional setting, while the test mode is turned on. If any fine tuning has been done, or if the feature settings of the hearing aid have been changed, the hearing aid is kept in these settings as the gain or output is measured with the ISTS signal.

Setting up the hearing aid in the test box

1. Mount the instant ear-tip or custom mould on the HA1 adapter with Blu-Tack. The tip of the ear-tip or mould should be flush with the inlet to the coupler volume, and the Blu-Tack should seal completely around the tip. Note: for the instant ear-tip, use the provided HA1 adapter to mount the ear-tip on the coupler with Blu-Tack. See pictures 1-4.
2. Mount the hearing aid and HA1 adapter on the 2-cc coupler in the test box.
3. Position the BABY440 hearing aid 2-3 mm from the reference microphone, within the mark on the flow of the test box.
4. Let the test signal run for approximately 15 seconds to let the compressor adjust.
5. Close the test box and do the measurement.

For more information on how to use the ISTS test mode screen when verifying the fitting of WIDEX BABY440, please see the bulletin "How to use the ISTS test mode in ChildFit".



Picture 1: WIDEX BABY440 with Instant ear-tip mounted on the adaptor for the HA1 coupler



Picture 2: WIDEX BABY440 hearing aid mounted on HA1 coupler



Picture 3: View from the rear of the HA1 coupler. The tip of the ear-tip is flush with the inlet to the coupler volume



Picture 4: Setup in test box with the hearing aid connected to the HA1 2-cc coupler.