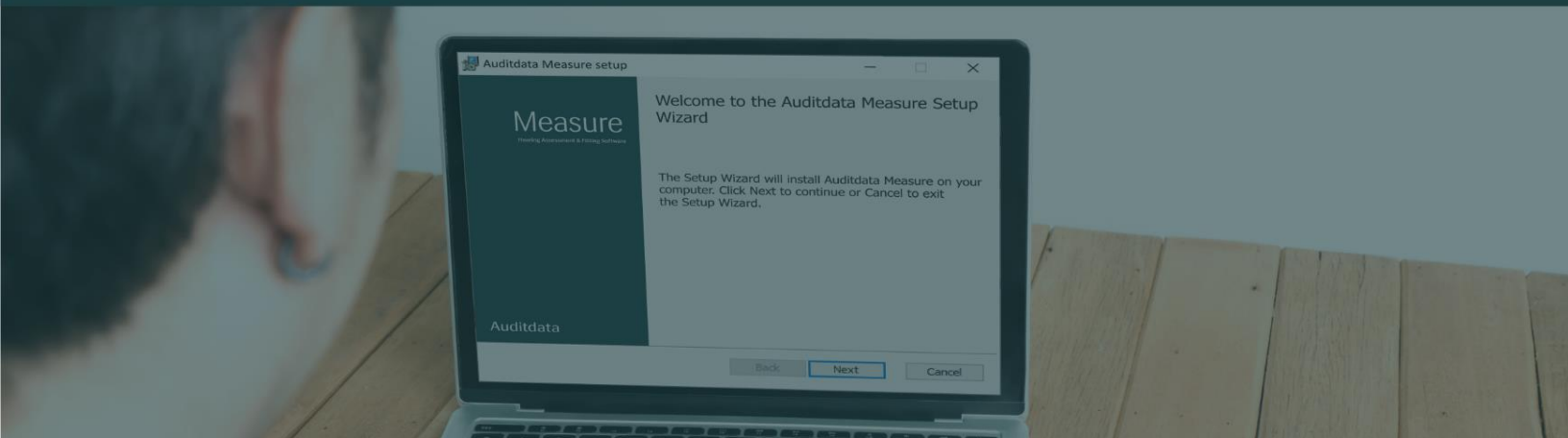
Measure

What's New

version 6.4.0



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1 Introduction

Version 6.4.0 introduces a range of enhancements across audiometry, speech-in-noise testing, reporting, and workflow customization. Key updates include **automatic calculation of QuickSIN averages** by condition, tagging **QuickSIN** runs as **aided** or **unaided**, persistent **h**igh-frequency audiometry settings, and **expanded support for BKB wordlists**. Reporting options now allow users **to include peak MPO** lines and **hide workflow comments** on printed reports. Additional improvements cover **age-aware REUG Assist**, **dual-channel Talk Over routing**, compatibility with **HIMSA Noah Data Standard 501**, and **new speech CD schemas** (CUNY and Lista Palabras). These updates are designed to streamline clinical workflows, improve measurement accuracy, and support best practices for diverse patient groups.

2 Audiometry

High-Frequency Audiometry: Remember Your Last Setting

If you enable HF during pure-tone testing, the system now remembers that state across sessions and keeps HF enabled until you turn it off (previously, HF had to be re-enabled each time).

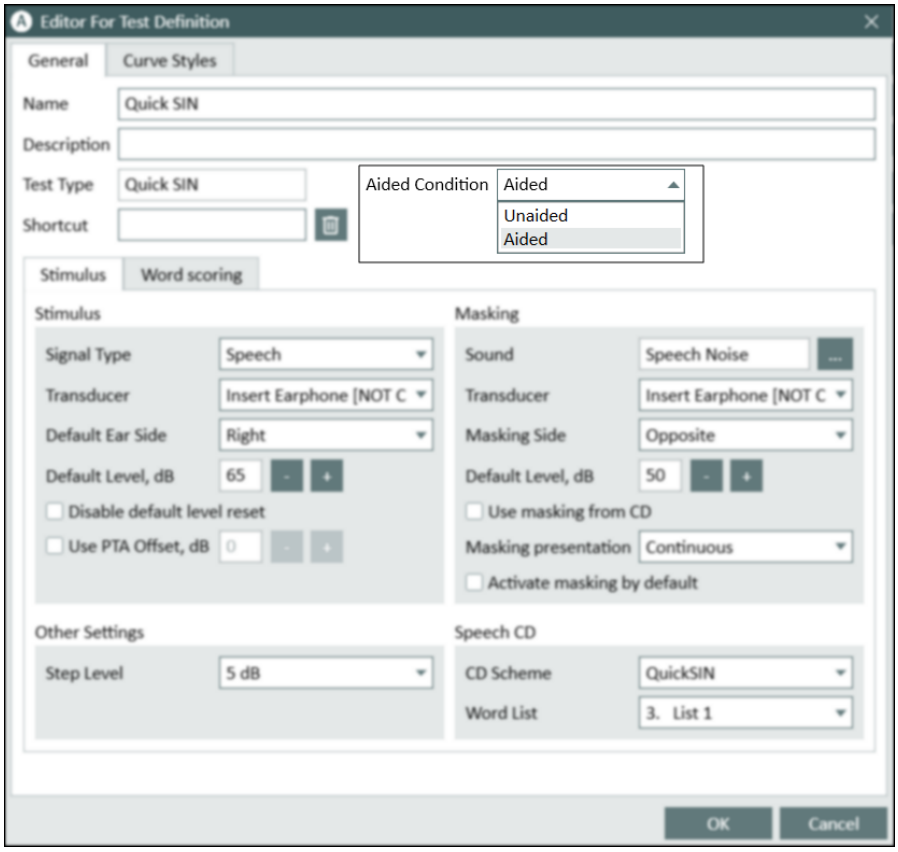
BKB Wordlist Support for Speech-in-Noise Testing

Measure now supports the BKB wordlist in speech-in-noise tests, enabling precise calculation of SNR Loss.
This enhancement helps clinicians assess speech understanding in challenging listening environments for patients who may find QuickSIN too difficult—such as children, cochlear implant users, or adults with auditory memory difficulties. It also allows following BSA guidance by administering multiple word lists, calculating SNR-50 scores, and averaging results, delivering valid and comparable measurements that support more tailored treatment recommendations.

QuickSIN Enhancements

- **QuickSIN: aided/unaided condition**

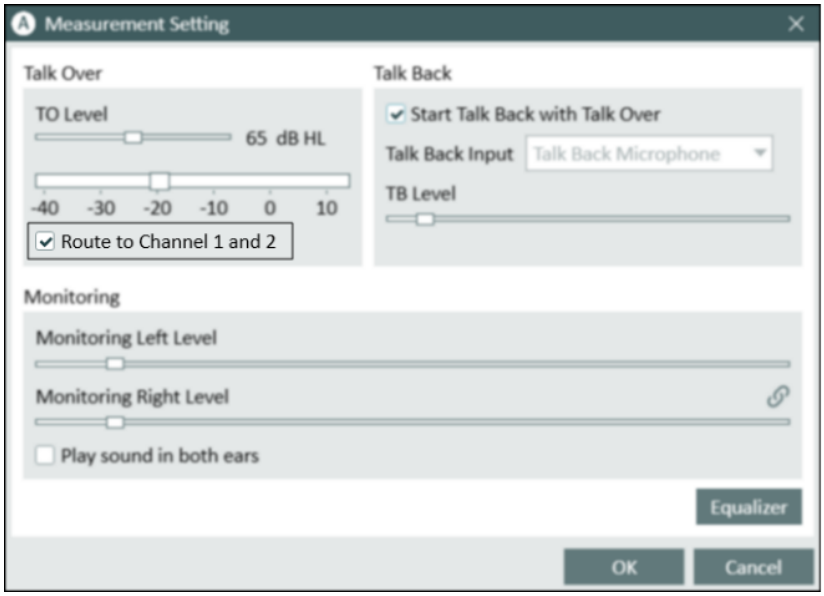
QuickSIN measurements can now be tagged as Aided or Unaided. The default is Unaided, but you can set defaults in Test Definitions and change the condition in-module while testing.



- **QuickSIN: calculate average within the same measurement type/condition**
  When two or more QuickSIN runs of the same type and condition are recorded in a session, the average SNR-Loss is calculated and displayed in real time on the measurement screen. The average updates after each additional run.
  NOTE: Aided and Unaided runs are averaged separately; results from different conditions are not combined.

Talk Over Routing to Both Channels

A new "Route to channel 1 and 2" option in the Talk Over settings allows the talk over signal to be sent to both the air conduction and bone conduction transducers simultaneously. This gives clinicians greater flexibility during testing—such as ensuring instructions are heard in both ears—without needing to change transducer selections mid-session. The option is off by default and can be enabled as needed in the Measurement Settings.



3 REM & SM

Unaided Speech Intelligibility Index (SII)

The REM and SM modules now calculate and display unaided Speech Intelligibility Index (SII) based on REUG/REUR measurements. Unaided SII appears on graphs and in legends during live testing (after a REUG/REUR measurement is completed or an average REUG/REUR value is added) and when reviewing past sessions.

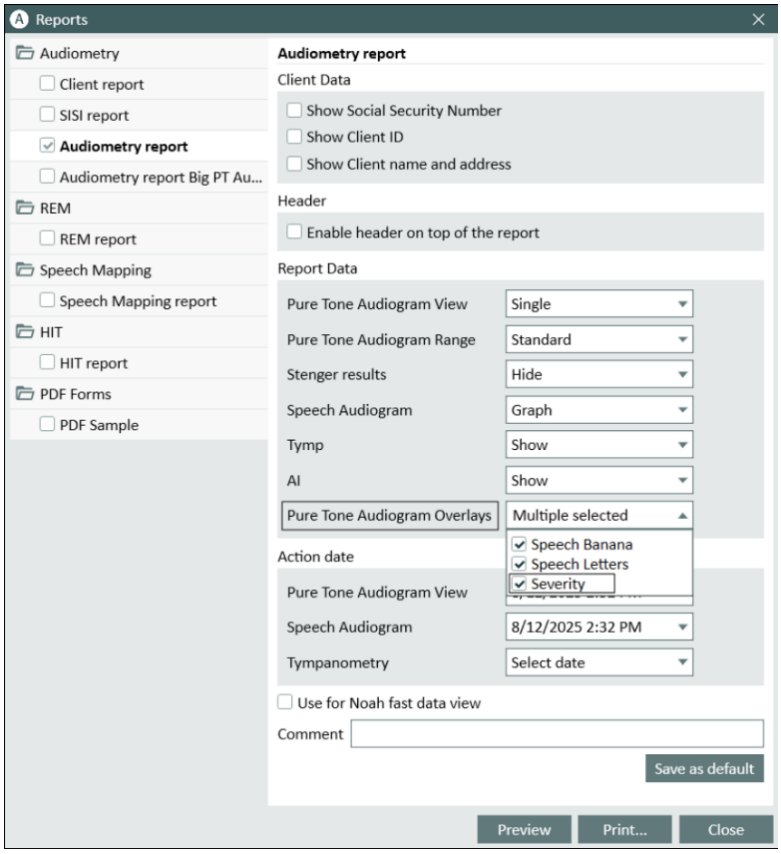
REUG Assist Enhancements for Pediatric Patients

REUG Assist is now age-aware. For patients under 18, REUG Assist warnings and overlays are automatically disabled to avoid irrelevant prompts. For patients with no age recorded, REUG Assist functions as before.

4 Reporting & Printing Options

Severity Overlay in Audiometry Reports

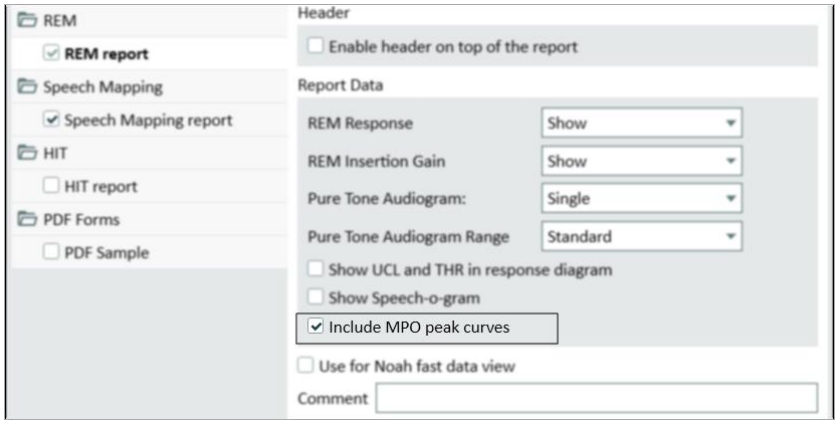
When printing reports, users can now choose to include the severity overlay for the pure tone audiogram. This option is available under Pure Tone Audiogram Overlays in Reports settings.



This option displays the overlay in printouts exactly as it appears in the Audiometry module, providing clearer visual context for interpreting hearing thresholds.

Include Peak MPO Line on Printed Reports

The new option Include MPO peak curves can now show the peak Maximum Power Output (MPO) line in printed REM/SM reports, in addition to the long-term average speech spectrum. This better reflects the maximum output that may reach the patient's ear and aligns reporting with what clinicians look for in MPO measurements.



5 Release Notes 6.4.0

Besides mentioned above, this version of the Measure software contains the following enhancements:

Tympanometry & Reflex: HIMSA Noah Data Standard 501
The system now reads tympanometry and acoustic reflex data that conform to HIMSA Noah Data Standard 501

Polish in Speech Audiogram Overlay
When Polish is the selected language, speech audiogram overlays now display and print using Polish letters.

Added support for CUNY Speech CD schema

UI Enhancements

Bug fixes

Dependencies
This version requires NOAH 4.7 or later, with NOAH 4.16 recommended for security enhancements. To use the Primus Panel under Auditbase System, Auditbase version 4.17.01 or higher is required.

Installation
The uninstallation of the previous version is done automatically.

To upgrade to Measure 6.4.0:

1. Run the set-up file: **Setup_Measure_6_4_0.exe**.

2. Follow the instructions on the screen.

6 Support

For further information, please visit www.auditdata.com.