

The NAL-NL1 Fitting Rule

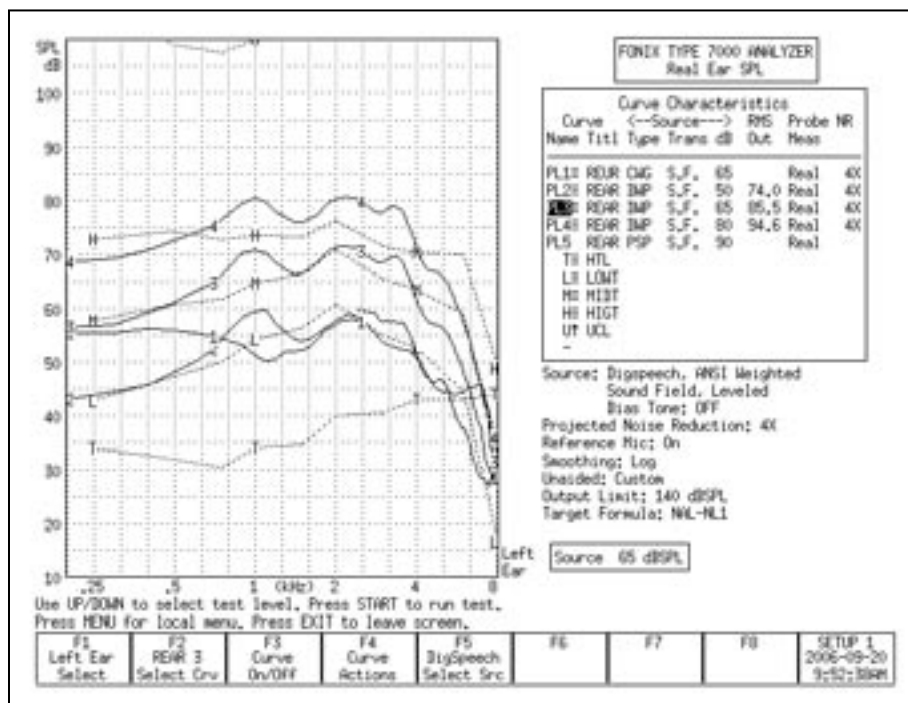
On the FONIX 7000 Hearing Aid Test System

The FONIX 7000 Hearing Aid Test System now includes the NAL-NL1 non-linear fitting rule for real-ear measurements. The NAL-RP linear fitting rule has long been the world's most popular method for fitting hearing aids. NAL-NL1 is

Three different targets are displayed in the Real-ear SPL screen, prescribing amplification appropriate for multiple input levels. This allows the clinician to ensure the hearing aid amplification is appropriate for the patient at

soft, medium, and loud input levels. The Real-ear Insertion gain target also automatically adjusts to the current source level of the input signal.

Also included with software version 1.50: Auto-adjusting real-ear unaided response (REUR). When measuring an aided response in output, the REUR can be set to automatically adjust to the amplitude of the input signal. This allows the clinician to compare the aided response to the projected unaided response at that input level to make sure that the



a more sophisticated replacement, giving the hearing health professional an advanced tool for fitting digital hearing aids.

The NAL-NL1 target includes settings for: patient age, compression kneepoint, number of channels, type of output limiting, fit type (unilateral vs bilateral), sound field azimuth, and reference position. Each of these settings customizes the real-ear target to the test configuration and the patient's hearing aid. Appropriate defaults can be saved to permanent memory on the FONIX 7000.

hearing aid is providing enough amplification to overcome the occlusion caused by inserting the hearing aid into the ear canal.



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