Aided Speech Intelligibility Index (SII) Normative Values v1.0, Revision 2

Child's Name:

Test Date:		
NOTES:		

INSTRUCTIONS: <u>Step 1:</u>

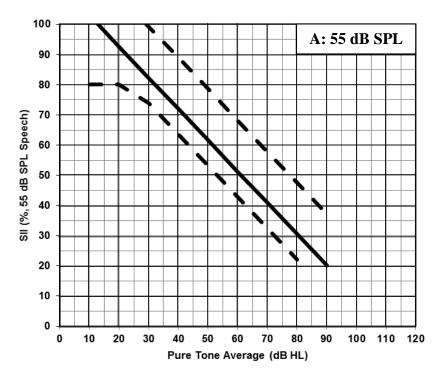
- Calculate the child's 3-frequency PTA for 500, 1000, & 2000 Hz.
- Fit the aid to DSL v5 Child Targets as close as possible, trying not to deviate more than ±5 dB.

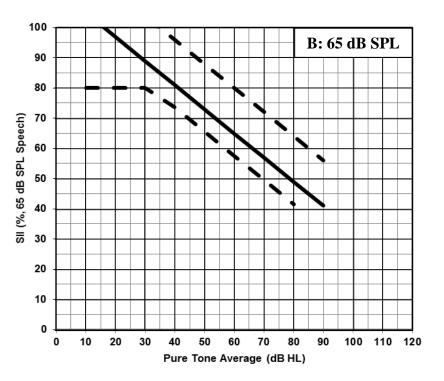
<u>Step 2:</u>

- Plot the aided SII value associated with the REAR measured with a 55 dB SPL speech input on panel A relative to the corresponding PTA on the X-axis.
- Plot the aided SII value associated with the REAR measured with a 65 dB speech input on panel B relative to the corresponding PTA on the X-axis.

INTERPRETATION:

- The solid line in each panel indicates the average aided SII values for children aged birth to 6 years.
- The dashed lines indicate the confidence intervals around the mean (lower = 1 SD; upper = 2 SD).
- If the child's aided SII values fall within the dashed lines, then the child's hearing aid fitting is electroacoustically acceptable for his/her PTA.







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