

# Performing an REDD Measurement on FONIX® Hearing Aid Analyzers

**Note: the Composite Option is required to perform this measurement on both the FP40-D and the FP35 hearing aid analyzers.** Insert probe microphone into the patient's ear. Carefully put insert earphone attached to your audiometer into the client's ear, being careful not to move the probe tube. The larger reference microphone is not used for this measurement.

## FP40

F5 to enter PROBE mode  
F1 to enter MENU  
In probe settings, set reference mic to OFF  
In probe settings, set smoothing to OFF  
F1 to exit menu  
F7 to select composite source  
Use amplitude knob to set the source level OFF  
Press [START/STOP] to begin measurement

## 6500-CX

Enter probe by pressing [PROBE]  
Press [MENU]  
Select OPERATION PARAM  
Press [START/STOP]  
Set SMOOTHING to OFF  
Set SIGNAL LEVEL to OFF  
Press [MENU] to exit operation parameters menu  
Select GAIN(G)/SPL and toggle to G/REF OFF  
Press [MENU]  
Press [START/STOP] to begin measurement

## FP35

F2 to enter real-ear  
Press [NEXT] to enter SPL-o-gram  
F4 to select COMP SRC  
Press the down arrow key to turn source OFF  
Press [MENU]  
Select REF MIC and toggle OFF  
Press [NEXT] to enter next menu  
Select SMOOTHING and toggle OFF  
Press [MENU] to exit menu  
Press [START/STOP] to begin measurement

## TAKING THE MEASUREMENT

- Set your audiometer to emit a continuous 70 dB at your frequency of choice.
- Read the "RMS OUT" on your analyzer.
- Subtract 70 from this value.
- The resulting value will be the REDD for that frequency.
- Continue this process with each desired frequency.



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