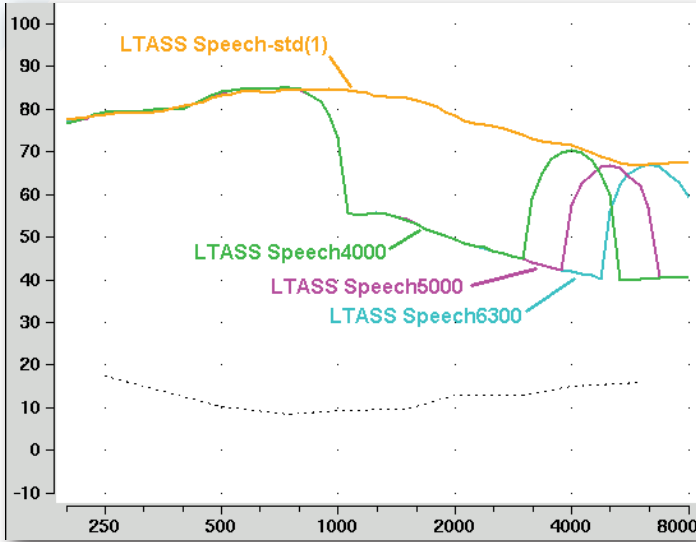


# Free software for verifying frequency-lowering aids.

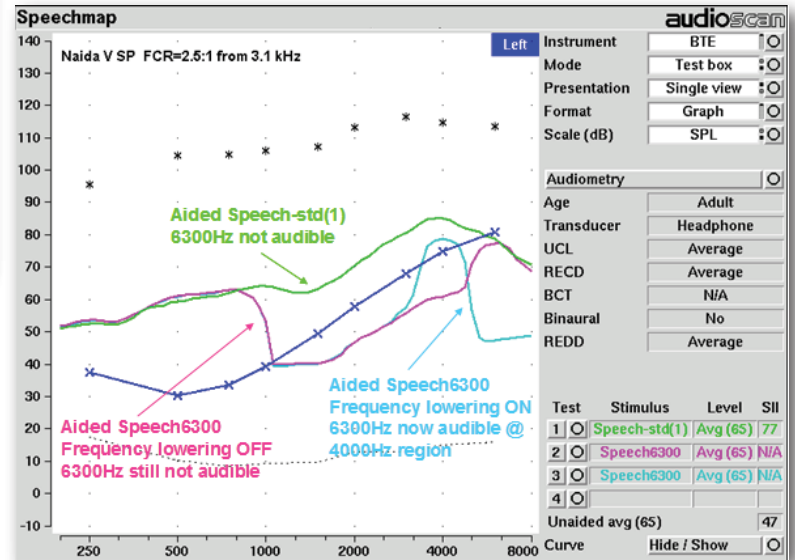
## Verification Test for Frequency-Lowering Hearing Instruments

Some hearing instruments are equipped with technology that allows the instrument to re-position high-frequency input information in a lower frequency output register. Using Audioscan equipment running V3.4 software or higher, this functionality can be tested using one of three modified versions of the Speech-std (1) test stimulus (Speech4000, Speech5000 and Speech6300) which are available in the Speechmap stimulus menu.



LTASS spectrum of labeled input stimuli

In each of these modified test stimuli, the 1/3 octave band levels above 1000Hz are reduced by 30dB, except for an isolated 1/3 octave band centered at the frequency indicated in the selected test stimulus' name. With these reduced band levels, the resulting input LTASS produces a distinct "cavity" between 1000Hz and the selected high frequency band, as seen at left.



Aided results verifying frequency lowering

The aided LTASS obtained from a frequency lowering hearing instrument should re-position the high-frequency input band at some lower frequency area within the input stimulus cavity, as seen at right. Obtaining such a test result verifies the frequency-lowering capabilities of the hearing instrument.



**VERIFIT**  
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## Other new features include:

### ISTS Test Stimulus

The International Speech Test Signal (ISTS) is now available as a stimulus option in Speechmap

### Update Flash Software Directly From Website

Flash drives on RM500SL devices can be updated directly from the Audioscan website instead of burning a CD first.

### Targets Available in Viewport Audibility Screen

Fitting targets can be selected and viewed through the Viewport Audibility screen of Speechmap

The new software will be available for download at [audioscan.com](http://audioscan.com) upon official release

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