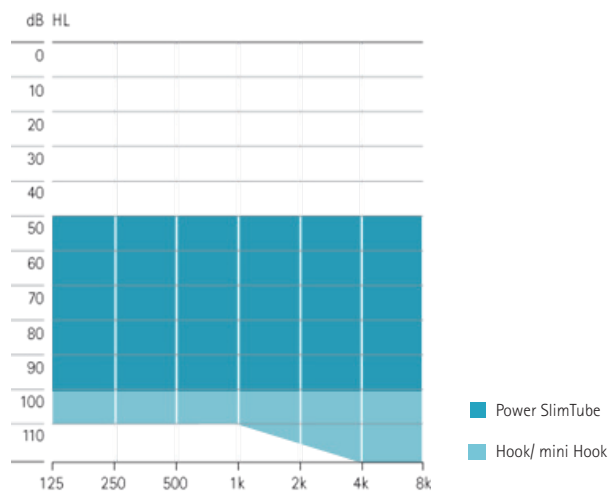


# Naída S

## Verification Guide

### Naída S SP with Power SlimTube

The most visible part of a BTE from the front is the tone hook and tubing. Now Phonak introduces a world first, a Power SlimTube designed for Naída S wearers. It is offered with a standard earmold providing all cosmetic advantages while minimizing gain and output loss.



In order to provide clients with sufficient amplification, it is important to verify that the gain and MPO values of Naída S with a Power SlimTube are accurate. It is essential to check that the clients hearing loss is suitable and within the Power SlimTube fitting range. If the hearing loss falls outside the fitting range, Naída S should be fitted with a tone hook and standard tubing.

This verification guide provides information on how to measure Naída S SP with a Power SlimTube in a 2cc coupler as well as in an Ear Simulator. A similar verification guide is available for Naída S UP.

All data shown were measured using

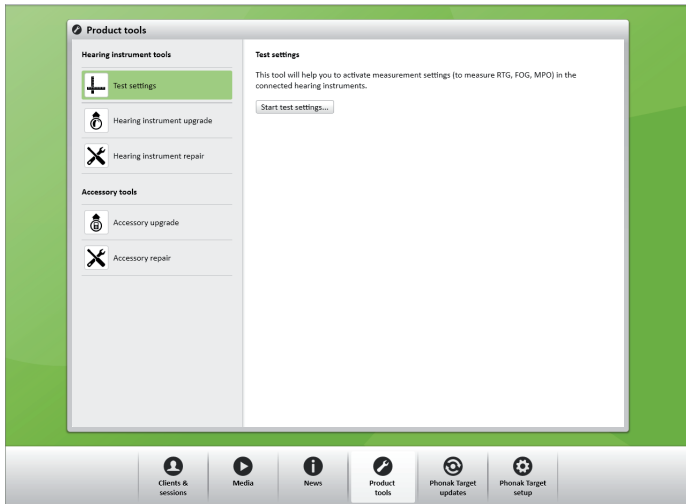
- Naída S SP
- Power SlimTube length 1
- Earmold with standard canal length (10 mm)

### 2cc coupler

ANSI S3.22-2003



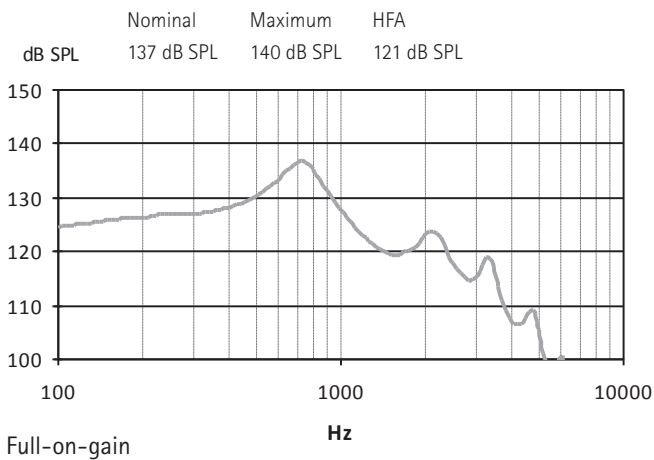
Attach the Power SlimTube with earmold to a 2cc coupler as shown in the picture.



To set the hearing instrument to max gain and output settings for measurement, open **Phonak Target 1.2 > Product Tools > Test settings**

**Please be aware:**

There is no specific test setting available for Power SlimTube. Please use the provided test setting.

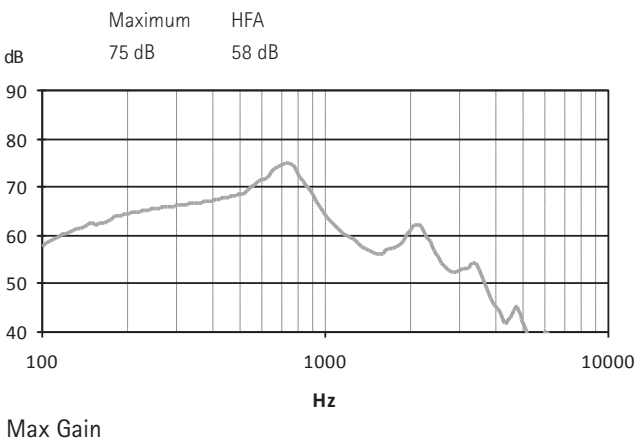


**To measure the output sound pressure level use:**

- 2cc coupler
- Pure tone sweep signal
- Input level 90 dB SPL

**Warning to hearing care professionals:**

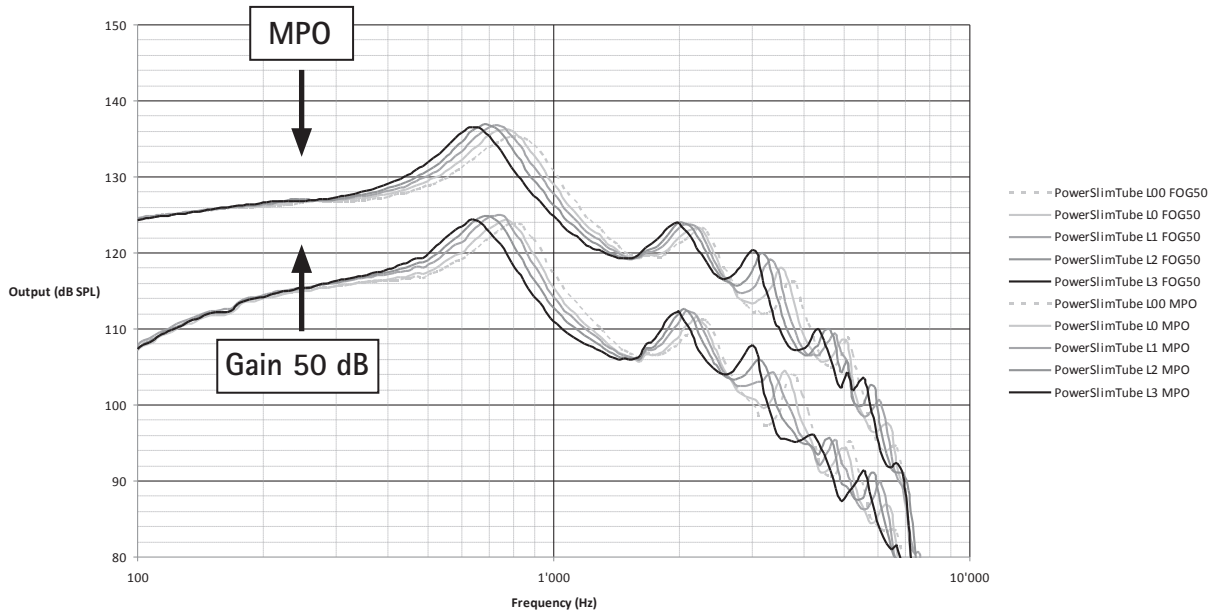
This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken when fitting this instrument as there is a risk of impairing the residual hearing of the user.



**To measure the acoustic gain use:**

- 2cc coupler
- Pure tone sweep signal
- Input level 50 dB SPL

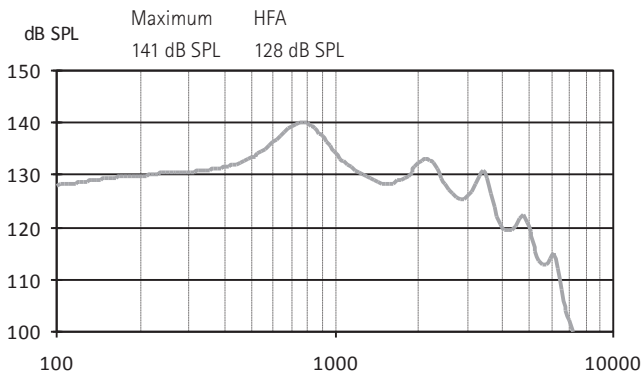
**Naida S SP 2cc**



The graph compares the gain and MPO frequency response curves for the 5 different Power SlimTube lengths: 00; 0; 1; 2; 3 measured in a 2ccm coupler. The different lengths of the Power SlimTube show different peak frequency values that shift to higher frequencies as the length of the Power SlimTube decreases.

**Ear simulator data**

EN / IEC 60118 and IEC 60711



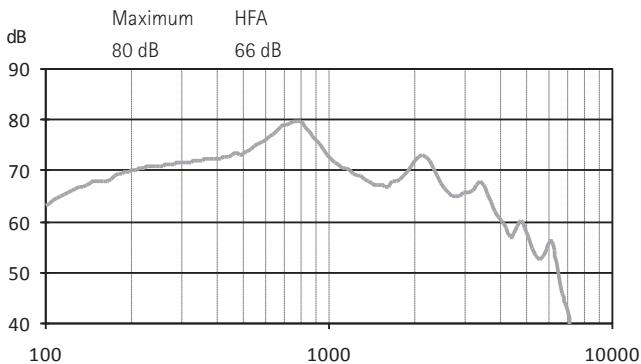
Full-on-gain (Max. 1600 Hz) Hz

**To measure the output sound pressure use:**

- Ear Simulator
- Pure tone sweep signal
- Input level 90 dB SPL

**Warning to hearing care professionals:**

This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken when fitting this instrument as there is a risk of impairing the residual hearing of the user.

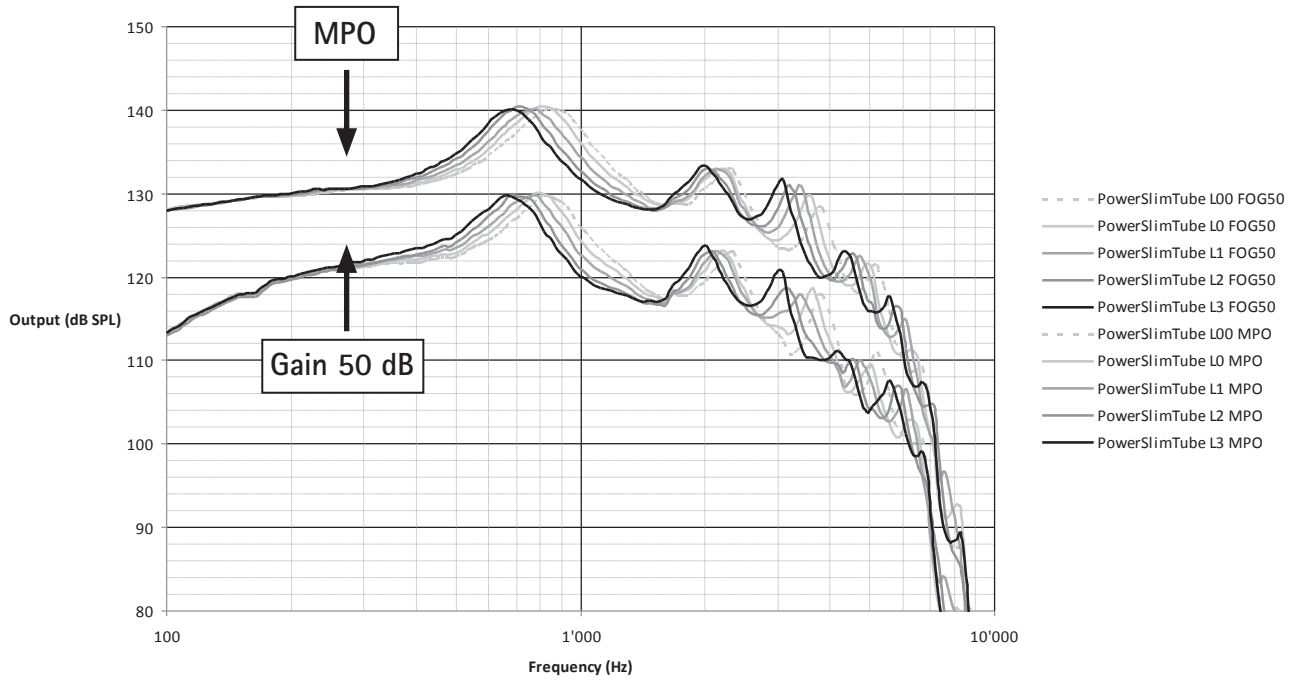


Max Gain (Max. 1600 Hz) Hz

**To measure acoustic gain use:**

- Ear Simulator
- Pure tone sweep signal
- Input level 50 dB SPL

### Naida S SP EarSim



The graph compares the gain and MPO frequency response curves for the 5 different Power SlimTube lengths: 00; 0; 1; 2; 3 measured with Ear Simulator. The different lengths of the Power SlimTube show different peak frequency values, that shift to higher frequencies as the length of the Power SlimTube decreases.