

## Certéna FS

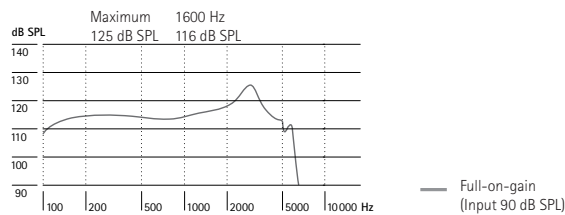
### Technical Data

#### Ear simulator data

EN / IEC 60118 and IEC 60711



#### Output sound pressure level

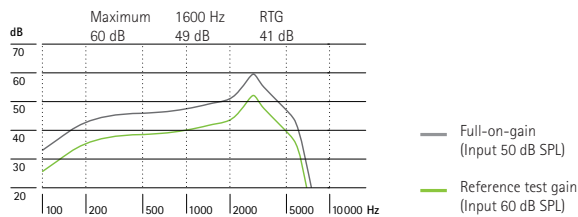


Full shell, battery size 13 (for fitting range, product details, and available options, please see "Certéna Product Information" or visit [www.phonak.com](http://www.phonak.com)).

Unless otherwise specified, all data obtained are measured with 6 mm tubing and iPG measurement settings.

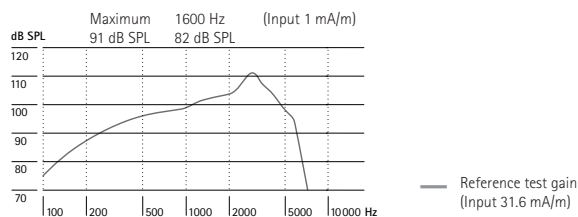
Note: Measurements with pure tones of a digital hearing instrument can result in a wavy frequency response. This is an artifact resulting from the use of a narrowband input signal and does not reflect the actual performance with naturally occurring broadband input signals.

#### Acoustic gain



|                              |                   |         |         |
|------------------------------|-------------------|---------|---------|
| Frequency range              | <100 Hz - 6600 Hz |         |         |
| Total harmonic distortion    | 500 Hz            | 800 Hz  | 1600 Hz |
|                              | 2.0%              | 1.5%    | 1.5%    |
| Battery current              | Quiescent         | Working |         |
|                              | 1.1 mA            | 1.2 mA  |         |
| Equivalent input noise level | 19 dB SPL         |         |         |

#### Induction coil sensitivity



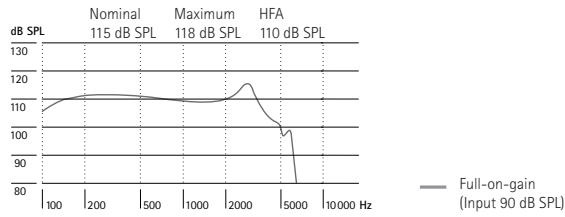
#### Dynamic data

|             |             |               |
|-------------|-------------|---------------|
| Compression | Attack time | Recovery time |
|             | 1 ms        | 50 ms         |

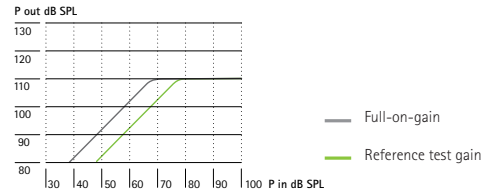
## 2cm<sup>3</sup> coupler data

ANSI S3.22-2003

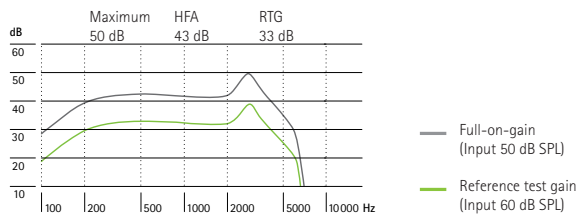
### Output sound pressure level



### Input / Output characteristics at 2000 Hz

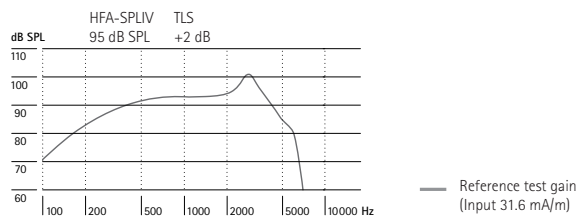


### Acoustic gain



|                              |                   |        |         |
|------------------------------|-------------------|--------|---------|
| Frequency range              | <100 Hz – 6400 Hz |        |         |
| Total harmonic distortion    | 500 Hz            | 800 Hz | 1600 Hz |
|                              | 1.5%              | 1.0%   | 1.0%    |
| Equivalent input noise level | 19 dB SPL         |        |         |

### Induction coil sensitivity



### Dynamic data

|             |             |               |
|-------------|-------------|---------------|
| Compression | Attack time | Recovery time |
|             | 1 ms        | 50 ms         |