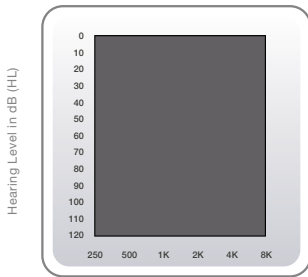


POWER PLUS BTE

behind-the-ear

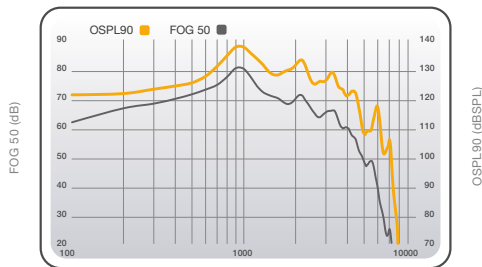


avail[™]_{20, 10}



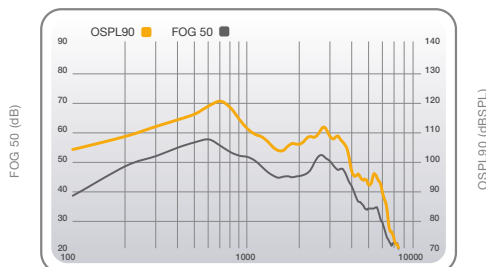
Frequency (Hz)

Avail Power Plus BTE fitting range.



Frequency (Hz)

OSPL90 (yellow) and Full-On Gain (gray) curves for the Avail Power Plus BTE with Earhook.



Frequency (Hz)

OSPL90 (yellow) and Full-On Gain (gray) curves for the Avail Power Plus BTE with Thin Tube.

Matrix: 138/80

Maximum Output: Up to 30dB Reduction in 2dB Steps (range varies by channel)

Compression Threshold: 24dB Range in 4dB Steps

Compression Ratio: 1:1-3:1 (range varies by channel)

Battery Size: 13

ANSI/IEC data

| Measurement | Earhook | | Thin Tube (Size 3+, Occluded) | |
|---|----------------------------|--------------------|----------------------------------|--------------------|
| | ANSI/IEC 2cc Coupler | IEC OES Coupler | ANSI/IEC 2cc Coupler | IEC OES Coupler |
| Peak OSPL90 (dB SPL) | 138 | 142 | 119 | 123 |
| HFA OSPL90 (dB SPL) | 131 | NA | 108 | NA |
| RTF OSPL90 (dB SPL) | NA | 110 | NA | 116 |
| Peak Gain (dB) | 80 | 84 | 57 | 60 |
| HFA Full-On Gain (dB) | 72 | NA | 44 | NA |
| RTF Full-On Gain (dB) | NA | 77 | NA | 52 |
| Frequency Range (Hz) | 100 - 4700 | 100 - 4800 | 100 - 5900 | 100 - 6300 |
| Reference Test Frequency (kHz) | NA | 1.6 | NA | 1.6 |
| HFA Frequencies (kHz) | 1.0, 1.6, 2.5 | NA | 1.0, 1.6, 2.5 | NA |
| Reference Test Gain (dB) | 54 | 61 | 31 | 36 |
| Harmonic Distortion | | | | |
| 500 Hz (%) | <4 | <4 | <1 | <1 |
| 800 Hz (%) | <1 | <1 | <1 | <1 |
| 1600 Hz (%) | <1 | <1 | <1 | <1 |
| Attack and Release Time (ANSI/IEC) – Test Mode | | | | |
| Attack Time (ms) | 22 | 5 | 22 | 5 |
| Release Time 0.1s (ms) | 5-150 | 5-250 | 5-150 | 5-250 |
| Release Time 2.0s (ms) | 5-150 | 5-250 | 5-150 | 5-250 |
| Induction Coil Sensitivity | | | | |
| HFA SPLITS (ANSI) (dB SPL) | 109 | NA | 86 | NA |
| MASL (IEC) (dB SPL) | NA | 102 | NA | 77 |
| ANSI/IEC Battery Current (mA) | 2.7 | 1.8 | 2.7 | 1.8 |
| Idle Current (mA) | 1.6 | 1.6 | 1.6 | 1.6 |
| Estimated Battery Life for 16-Hour Day | | | | |
| 13 Zinc Air (days) | 7-12 | 7-12 | 7-12 | 7-12 |