# RIC 13 mPOWER

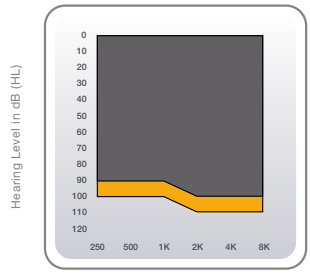
*receiver-in-canal mPower*

**Matrices:** *123/60, 130/70*
**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*

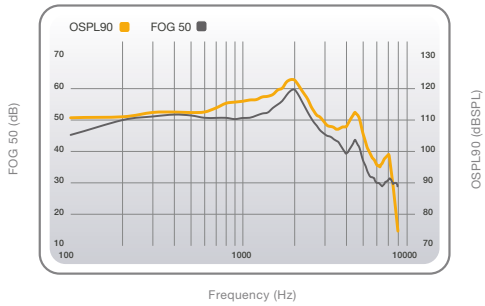
## ANSI/IEC *data*

| 60 Gain Data | | 70 Gain Data | | |
|---|---|---|---|---|
| ANSI/IEC 2cc Coupler | IEC OES Coupler | ANSI/IEC 2cc Coupler | IEC OES Coupler | **Measurement** |
| 123 | 130 | 130 | 137 | Peak OSPL90 (dB SPL) |
| 115 | NA | 124 | NA | HFA OSPL90 (dB SPL) |
| NA | 127 | NA | 135 | RTF OSPL90 (dB SPL) |
| 60 | 69 | 70 | 79 | Peak Gain (dB) |
| 52 | NA | 44 | NA | HFA Full-On Gain (dB) |
| NA | 63 | NA | 75 | RTF Full-On Gain (dB) |
| 100 - 5400 | 100 - 4700 | 100 - 5000 | 100 - 4500 | **Frequency Range (Hz)** |
| NA | 1.6 | NA | 1.6 | Reference Test Frequency (kHz) |
| 1.0, 1.6, 2.5 | NA | 1.0, 1.6, 2.5 | NA | HFA Frequencies (kHz) |
| 38 | 52 | 47 | 60 | Reference Test Gain (dB) |
| | | | | **Harmonic Distortion** |
| <3 | <3 | <3 | <3 | 500 Hz (%) |
| <3 | <3 | <3 | <3 | 800 Hz (%) |
| <3 | <3 | <3 | <3 | 1600 Hz (%) |
| | | | | **Attack and Release Time (ANSI/IEC) – Test Mode** |
| 15 | 15 | 15 | 15 | Attack Time (ms) |
| 5-150 | 5-250 | 5-150 | 5-250 | Release Time 0.1s (ms) |
| 5-150 | 5-250 | 5-150 | 5-250 | Release Time 2.0s (ms) |
| | | | | **Induction Coil Sensitivity** |
| 98 | NA | 107 | NA | HFA SPLITS (ANSI) (dB SPL) |
| NA | 83 | NA | 105 | MASL (IEC) (dB SPL) |
| 1.2 | 1.2 | 1.6 | 1.4 | ANSI/IEC Battery Current (mA) |
| 1.1 | 1.1 | 1.2 | 1.2 | Idle Current (mA) |
| | | | | **Estimated Battery Life for 16-Hour Day** |
| 16-18 | 16-18 | 12-16 | 12-16 | 13 Zinc Air (days) |

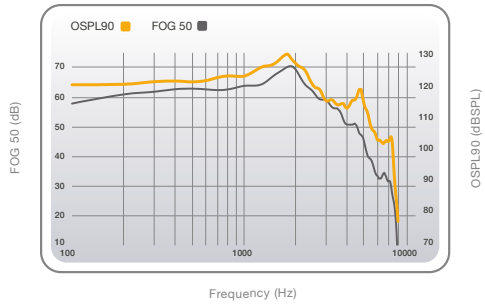
avail™ 20, 10




*Avail RIC 13 mPower 40 (gray), Avail RIC 13 mPower 50 (yellow) fitting ranges.*




*OSPL90 (yellow) and Full-On Gain (gray) curves for the Avail RIC 13 mPower at 123/60.*




*OSPL90 (yellow) and Full-On Gain (gray) curves for the Avail RIC 13 mPower at 130/70.*