Headphone Measurements: 

### Etymotic mc3

**Volts RMS required to reach 90dB SPL:** 0.042 Vrms

**Impedance @ 1kHz:** 18 Ohms

**Power Needed for 90dB SPL:** 0.10 mW

**Broadband Isolation in dB (100Hz to 10kHz):** -35 dB

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**Frequency Response**

Top: Compensated and Averaged  
Bottom: Raw Measured Data

**Isolation**

Attenuation of External Sound vs. Frequency

**Electrical Impedance and Phase**

Measured with 600 Ohm output impedance.

**%THD+noise @ 90dB and 100dB**

**30 Hz Square Wave**

**300 Hz Square Wave**

**Impulse Response**