Headphone Measurements: EMu Teak Mahogany Cups

**Headphone Measurements**

- **Volts RMS required to reach 90dB SPL:** 0.055 Vrms
- **Impedance @ 1kHz:** 25 Ohms
- **Power Needed for 90dB SPL:** 0.12 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -12 dB

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**Frequency Response**

- **Top - Compensated and Averaged**
- **Bottom - Raw Data for Five Headphone Positions**

**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**

- **Volts RMS required to reach 90dB SPL:** 0.055 Vrms
- **Impedance @ 1kHz:** 25 Ohms
- **Power Needed for 90dB SPL:** 0.12 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -12 dB

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