Headphone Measurements:  Klipsch Reference One

- **Headphone Measurements:**
  - **Volts RMS required to reach 90dB SPL:** 0.038 Vrms
  - **Impedance @ 1kHz:** 35 Ohms
  - **Power Needed for 90d BSPL:** 0.04 mW
  - **Broadband Isolation in dB (100Hz to 10kHz):** -10 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**

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