Headphone Measurements:

**Headphone Measurements:**

- **Fostex T40RP - DIY Modified**

**Reference Values:**

- **Volts RMS required to reach 90dB SPL:** 0.172 Vrms
- **Impedance @ 1kHz:** 52 Ohms
- **Power Needed for 90dB SPL:** 0.57 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -8 dBr

**Diagrams:**

- **Frequency Response**
  - Top: Compensated and Averaged
  - Bottom: Raw Data for Five Headphone Positions
- **Isolation**
  - Attenuation of External Sound vs. Frequency
- **Impulse Response**
- **Electrical Impedance and Phase**
  - Measured with 600 Ohm output impedance.
- **%THD+noise @ 90dB and 100dB**
  - 30 Hz Square Wave
  - 300 Hz Square Wave

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