Headphone Measurements: Gradheiser 650 - DIY Modified - thelostMIDrange

**Volts RMS required to reach 90dB SPL:** 0.046 Vrms

**Impedance @ 1kHz:** 33 Ohms

**Power Needed for 90dB SPL:** 0.07 mW

**Broadband Isolation in dB (100Hz to 10kHz):** -1 dBr

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**Images:**

- **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.

- **30 Hz Square Wave**

- **300 Hz Square Wave**

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

- **Impulse Response**

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