Headphone Measurements: Toshiba HR-810 Low Gain

**Headphone Measurements:**

- **Volts RMS required to reach 90dB SPL:** 0.313 Vrms
- **Impedance @ 1kHz:** 169 Ohms
- **Power Needed for 90d BSPL:** 0.58 mW
- **Broadband Isolation in dB (100Hz to 1kHz):** -3 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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