**Headphone Measurements:**

**Orenholz Magnum V4 Bowl Pads - DIY modified - Mullet**

- **Volts RMS required to reach 90dB SPL:** 0.068 Vrms
- **Impedance @ 1kHz:** 35 Ohms
- **Power Needed for 90d BSPL:** 0.13 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -1 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**

- %THD+noise for various frequencies.

**30 Hz Square Wave**

**300 Hz Square Wave**

- Voltage vs. time for different positions.

**Impulse Response**

- Time response vs. volts.