**Headphone Measurements:**

**Fischer Audio Tandem**

- **Volts RMS required to reach 90dB SPL:** 0.035 Vrms
- **Impedance @ 1kHz:** 39 Ohms
- **Power Needed for 90dB SPL:** 0.03 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -17 dB

---

**Frequency Response**

- **Top - Compensated and Averaged**
- **Bottom - Raw Measured Data**

**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**