Headphone Measurements:  
**Koss Pro4S**

**Headphone Measurements:**
- **Volts RMS required to reach 90dB SPL:** 0.038 Vrms
- **Impedance @ 1kHz:** 37 Ohms
- **Power Needed for 90dB SPL:** 0.04 mW
- **Broadband Isolation in dB (100Hz to 10kHz):** -20 dB

**Frequency Response**
- **Top:** Compensated and Averaged
- **Bottom:** Raw Data for Five Headphone Positions

**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**