**Headphone Measurements:**

**Shure SRH840**

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

**Isolation**
- Attenuation of External Sound vs. Frequency

**Impulse Response**
- Amplitude (dB)

**Electrical Impedance and Phase**
- Measured with 600 Ohm output impedance.

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

**30 Hz Square Wave**

**300 Hz Square Wave**

**Impedance**
- Impedance in Ohms

**Phase**
- Phase in Degrees

Volts RMS required to reach 90dB SPL: 0.066 Vrms
Impedance @ 1kHz: 42 Ohms
Power Needed for 90dB SPL: 0.11 mW
Broadband Isolation in dB (100Hz to 10kHz): -15 dB