Headphone Measurements:  Audio Technica ATH R70x

**Volts RMS required to reach 90dB SPL:** 0.195 Vrms
**Impedance @ 1kHz:** 473 Ohms
**Power Needed for 90dB SPL:** 0.08 mW

**Broadband Isolation in dB (100Hz to 10kHz):** -4 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**