### Headphone Measurements: Monster Beats Solo

**Frequency Response**

Top - Compensated and Averaged

Bottom - Raw Data for Five Headphone Positions

**Isolation**

Attenuation of External Sound vs. Frequency

**Impulse Response**

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

**30 Hz Square Wave**

**300 Hz Square Wave**

**Electrical Impedance and Phase**

Measured with 600 Ohm output impedance.

**Volts RMS required to reach 90dB SPL:** 0.038 Vrms

**Impedance @ 1kHz:** 35 Ohms

**Power Needed for 90dB SPL:** 0.04 mW

**Broadband Isolation in dB (100Hz to 10kHz):** -14 dB

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