**Headphone Measurements:**

Monster Beats Studio

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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.

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

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**30 Hz Square Wave**

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**300 Hz Square Wave**

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**Impulse Response**

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Volts RMS required to reach 90dB SPL: 0.047 Vrms
Impedance @ 1kHz: 220 Ohms
Power Needed for 90dB SPL: 0.05 mW
Broadband Isolation in dB (100Hz to 10kHz): -15 dB

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