Headphone Measurements:  Bowers Wilkins P7

**Headphone Measurements**

- **Volts RMS required to reach 90dB SPL**: 0.044 Vrms
- **Impedance @ 1kHz**: 24 Ohms
- **Power Needed for 90dB SPL**: 0.08 mW
- **Broadband Isolation in dB (100Hz to 10kHz)**: -15 dBr

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**Frequency Response**

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

**Isolation**

- Attenuation of External Sound vs. Frequency

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**Electrical Impedance and Phase**

- Measured with 600 Ohm output impedance.

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

- 30 Hz Square Wave
- 300 Hz Square Wave

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**Impulse Response**

- Volts RMS required to reach 90dB SPL: 0.044 Vrms
- Impedance @ 1kHz: 24 Ohms
- Power Needed for 90dB SPL: 0.08 mW
- Broadband Isolation in dB (100Hz to 10kHz): -15 dBr

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