**Headphone Measurements:**

**Polk Ultrafit 3000**

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**Frequency Response**
Top - Compensated and Averaged
Bottom - Raw Measured Data

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**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**

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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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- Volt RMS required to reach 90dB SPL: 0.030 Vrms
- Impedance @ 1kHz: 17 Ohms
- Power Needed for 90d BSPL: 0.05 mW
- Broadband Isolation in dB (100Hz to 1kHz): -16 dB

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