**Headphone Measurements: Ultrasone Signature Pro**

**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**

Volts RMS required to reach 90dB SPL: 0.033Vrms
Impedance @ 1kHz: 35 Ohms
Power Needed for 90dB SPL: 0.03mW
Broadband Isolation in dB (100Hz to 10kHz): -15 dB

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