**Headphone Measurements: Sennheiser IE 6**

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

**Electrical Impedance and Phase**
- Measured with 600 Ohm output impedance.

**Isolation**
- Attenuation of External Sound vs. Frequency

**30 Hz Square Wave**
- Time in Seconds: 0.00 to 0.10
- Volts: -0.05 to 0.05

**300 Hz Square Wave**
- Time in Seconds: 0.00 to 0.10
- Volts: -0.04 to 0.04

**%THD+noise @ 90dB and 100dB**
- Frequency: 10 to 100000
- Amplitude (dB): -50 to 10

**Impulse Response**
- Time in Seconds: 0.0000 to 0.0030
- Volts: -0.02 to 0.03

**Volts RMS required to reach 90dB SPL:** 0.027 Vrms
**Impedance @ 1kHz:** 17 Ohms
**Power Needed for 90dB SPL:** 0.04 mW
**Broadband Isolation in dB (100Hz to 10kHz):** -19 dB

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