Headphone Measurements: Grado RS1e Flat Pads

- **Volts RMS required to reach 90dB SPL**: 0.021 Vrms
- **Impedance @ 1kHz**: 34 Ohms
- **Power Needed for 90dB SPL**: 0.01 mW
- **Broadband Isolation in dB (100Hz to 1kHz)**: -1 dB

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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.

**%THD+noise @ 90dB and 100dB**
- Frequency Response:
  - Top: Compensated and Averaged
  - Bottom: Raw Data for Five Headphone Positions

**30 Hz Square Wave**

**300 Hz Square Wave**

**Impulse Response**

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