Headphone Measurements: Beyerdynamic DT 48 E pad holes

- **Headphone Measurements**:
  - Volts RMS required to reach 90dB SPL: 0.043 Vrms
  - Impedance @ 1kHz: 34 Ohms
  - Power Needed for 90dB SPL: 0.05 mW
  - Broadband Isolation in dB (100Hz to 10kHz): -20 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.

### 30 Hz Square Wave

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

### 300 Hz Square Wave

### Impulse Response

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