Headphone Measurements:  
Alder Woodies SFI Driver - DIY  
Built - nick n

- **Headphone Measurements**:
  - **Volts RMS required to reach 90dB SPL**: 0.144 Vrms
  - **Impedance @ 1kHz**: 33 Ohms
  - **Power Needed for 90dB SPL**: 0.63 mW
  - **Broadband Isolation in dB (100Hz to 10kHz)**: -21 dB

**Frequency Response**
- Top - Compensated and Averaged
- Bottom - Raw Data for Five Headphone Positions

**30 Hz Square Wave**
- Time in Seconds: 0.0000, 0.0001, ..., 0.10
- Volts: 0.000, 0.001, ..., 0.05
- Phase: 0, 30, 60, 90, ..., 360 Degrees

**300 Hz Square Wave**
- Time in Seconds: 0.0000, 0.0001, ..., 0.010
- Volts: 0.000, 0.001, ..., 0.04

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

**Impulse Response**
- Time in Seconds: 0.0000, 0.0003, ..., 0.0030

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

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

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