Headphone Measurements: Focal Spirit Professional

**Headphone Measurements:**

- Volts RMS required to reach 90dB SPL: 0.036 Vrms
- Impedance @ 1kHz: 34 Ohms
- Power Needed for 90d BSPL: 0.04 mW
- Broadband Isolation in dB (100Hz to 1kHz): -19 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**

**30 Hz Square Wave**

**300 Hz Square Wave**

**Impulse Response**

- Volts RMS required to reach 90dB SPL: 0.036 Vrms
- Impedance @ 1kHz: 34 Ohms
- Power Needed for 90d BSPL: 0.04 mW
- Broadband Isolation in dB (100Hz to 1kHz): -19 dB

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