Headphone Measurements:  
Focal Spirit One S

### 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

### Impulse Response

### Volts RMS required to reach 90dB SPL
- 0.032 Vrms

### Impedance @ 1kHz
- 35 Ohms

### Power Needed for 90dB SPL
- 0.03 mW

### Broadband Isolation in dB (100Hz to 10kHz)
- -16 dB

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**Headphone Measurements:**

- **30 Hz Square Wave**
- **300 Hz Square Wave**

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