Headphone Measurements:  Grado RS1e S Cushions

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

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

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

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

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**Impulse Response**

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Volts RMS required to reach 90dB SPL: 0.030 Vrms
Impedance @ 1kHz: 34 Ohms
Power Needed for 90dB SPL: 0.03 mW
Broadband Isolation in dB (100Hz to 1kHz): -4 dB