**Headphone Measurements:**

**Smeggy Thunderpants TP1 2012**

**Draygon**

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**Frequency Response**

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

**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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**30 Hz Square Wave**

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**300 Hz Square Wave**

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**Impulse Response**

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**Volts RMS required to reach 90dB SPL:** 0.242 Vrms

**Impedance @ 1kHz:** 55 Ohms

**Power Needed for 90d BSPL:** 1.07 mW

**Broadband Isolation in dB (100Hz to 10kHz):** -17 dB

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