Headphone Measurements:

**Samsung Level On**

### 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

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Volts RMS required to reach 90dB SPL: 0.049 Vrms
Impedance @ 1kHz: 33 Ohms
Power Needed for 90dB SPL: 0.07 mW
Broadband Isolation in dB (100Hz to 10kHz): -21 dB