



VOFF = 0.0
 VAMPL = 0.044
 FREQ = 400

With R2=22K feedback resistor, Zin=640 ohm
 From a 600 ohm source, gain=24dB, noise=3.6nv/sqrt.Hz
 Distortion, small signal = 0.2%
 Z2 at -6dB = 0.5%
 Z2 at 0dB = 1.0%
 From a 200 ohm source, gain=28dB, noise=2.4nv/sqrt.Hz
 Distortion, small signal = 0.4%
 Z2 at -6dB = 0.6%
 Z2 at 0dB = 1.5%

Zoom H2 requires approximately 1.4V p-p to drive line-in to 0dB with digital gain=100

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| Trevor G Marshall 2 Nov 2007 | | |
| Title Zoom H2 Low Noise Line-in Preamp | | |
| Size A | Document Number | Rev 1.0 |
| Date: | Sheet 1 of 1 | |