



Figure C In this high-frequency output-noise spectrum of the circuit in Figure A, the current noise rises with frequency, but the input-capacitance impedance falls with frequency. The combined effect is flat output noise at high frequencies. At 100 kHz, the 3.7-pF input C looks like 430 kΩ. The 50-nV/√Hz output noise thus implies input-current noise of 116 fA/√Hz at 100 kHz.