Figure B In this output-noise spectrum of the circuit in Figure A averaged for 27 hours, the resistor contributes 13 μV/√Hz, with 0.6 μV/√Hz coming from the 0.5 fA/√Hz of the LTC6241 working into the 10-GΩ source. The response is 3 dB down at 4.3 Hz, indicating a total input capacitance of 3.7 pF, including all parasitic elements.