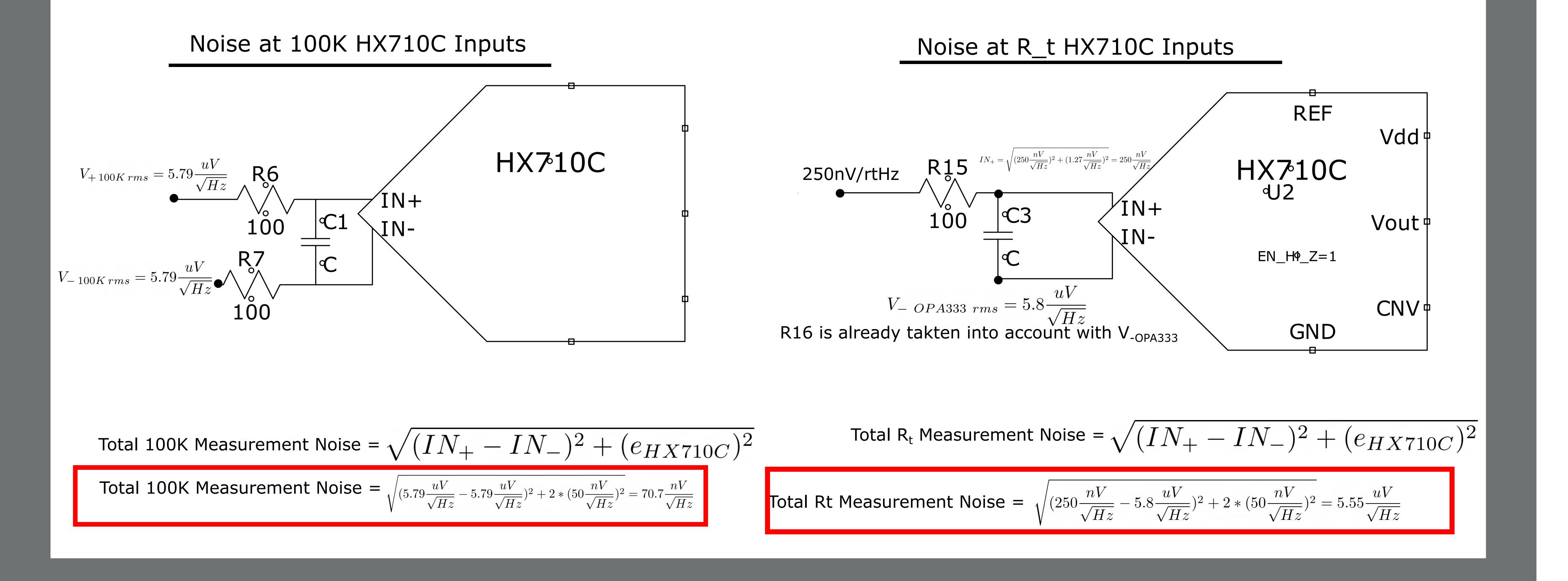


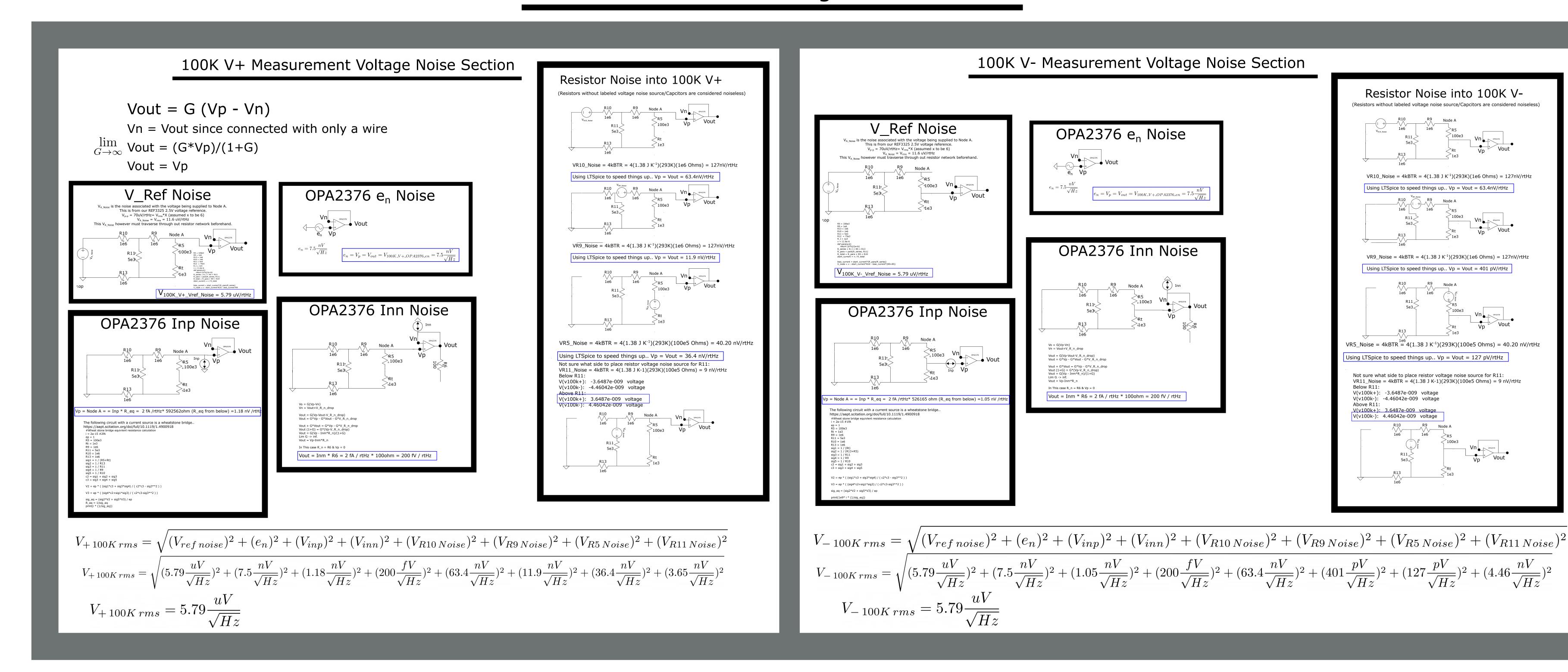
Noise at Each HX710C Inputs

Vp = 5.79uV/rtHz + 25nV/rtHz

Vn = 5.79uV/rtHz Vout = 10*25nV/rtHz = 250nV/rtHz



100K Measurement Voltage Noise Section



OPA333 Voltage Noise Section at INA826

OPA2376:

Vout = Vp

Vout = G(Vp - Vn)

Vout = (G*Vp)/(1+G)

 $\lim_{S\to\infty}$ Vn = Vout since connected with only a wire

Total 100K Measurement Noise = $\sqrt{(5.79 \frac{uV}{\sqrt{Hz}} - 5.79 \frac{uV}{\sqrt{Hz}})^2 + 2*(50 \frac{nV}{\sqrt{Hz}})^2} = 70.7 \frac{nV}{\sqrt{Hz}}$

Total Rt Measurement Noise = $\sqrt{(250 \frac{nV}{\sqrt{Hz}} - 5.8 \frac{uV}{\sqrt{Hz}})^2 + 2*(50 \frac{nV}{\sqrt{Hz}})^2} = 5.55 \frac{uV}{\sqrt{Hz}}$

THIS IS A HX710C EXAMPLE MODEL (DOESN'T SIMULATE LIKE ONE) IGNORE THE NAME AND PINS OTHER THAN IN+ & IN-

