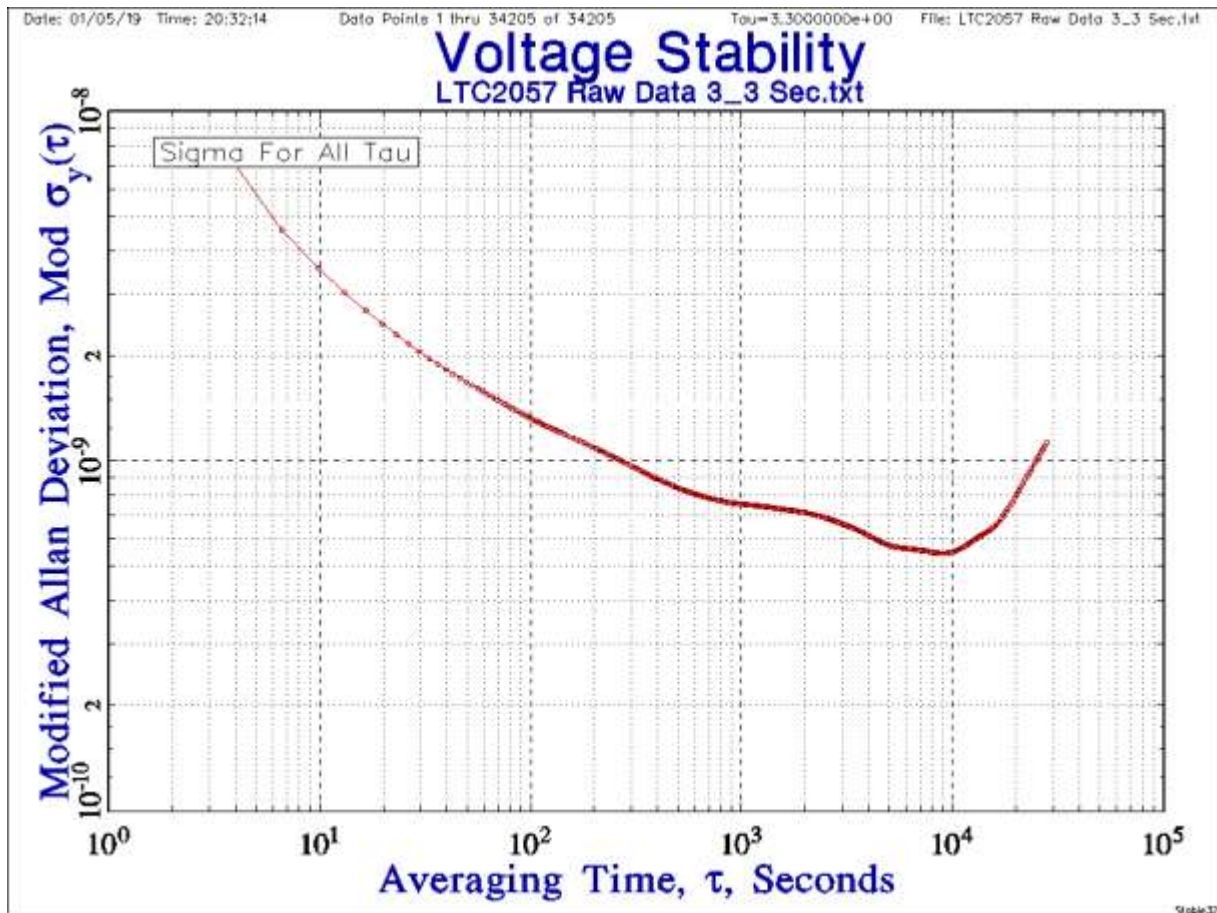


LTC2057

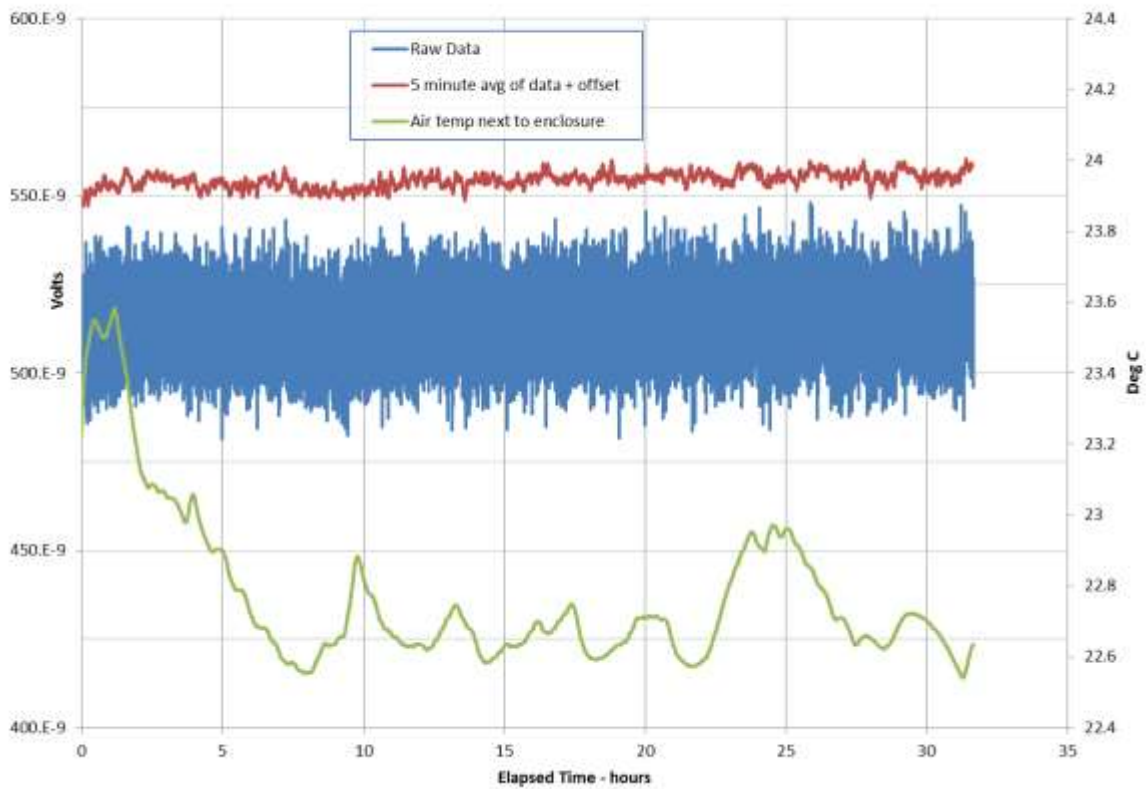
rev B, Jan 8, 2019 Added results of testing to determine if convection in the air were causing the flicker noise. They are not.

Chuckb, Jan 5 2019

SO-8 chip with 10,000 gain and +- 5vdc power.

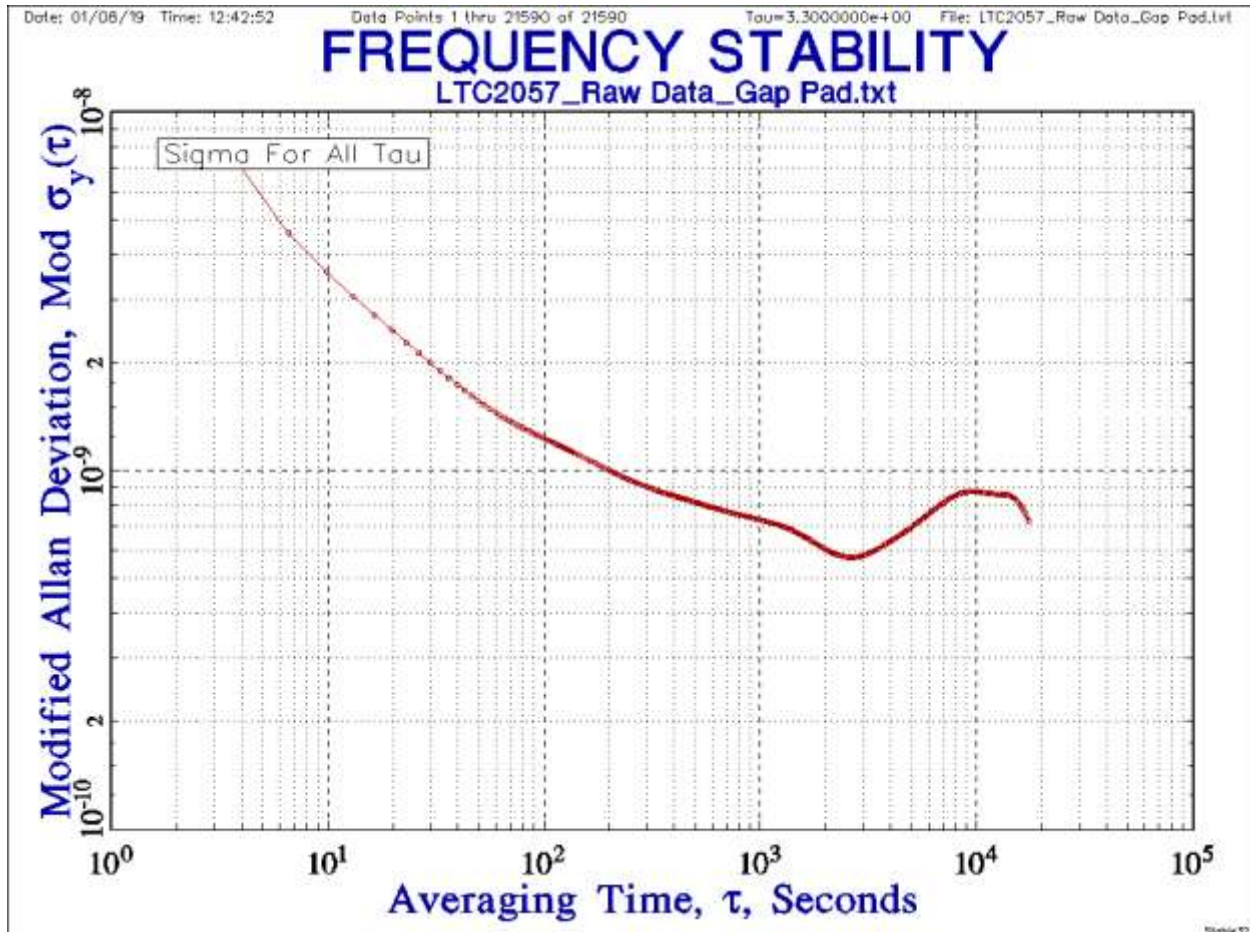


LTC2057, +-5Vdc power, gain 10,000



To check for possible electrical noise generated by thermoelectric junctions and convection air currents, the gain setting resistors and the opamp were covered in 3 layers of GAP PAD and tested for 20 hours. I could not detect any difference other than a fixed 10nV offset probably caused by component temperature change.

The Peak to Peak noise was the same. The White noise and the Flicker noise floor in the MAD plot were the same.



LTC2057, +5Vdc, Gap Pad covering gain resistors and OpAmp

