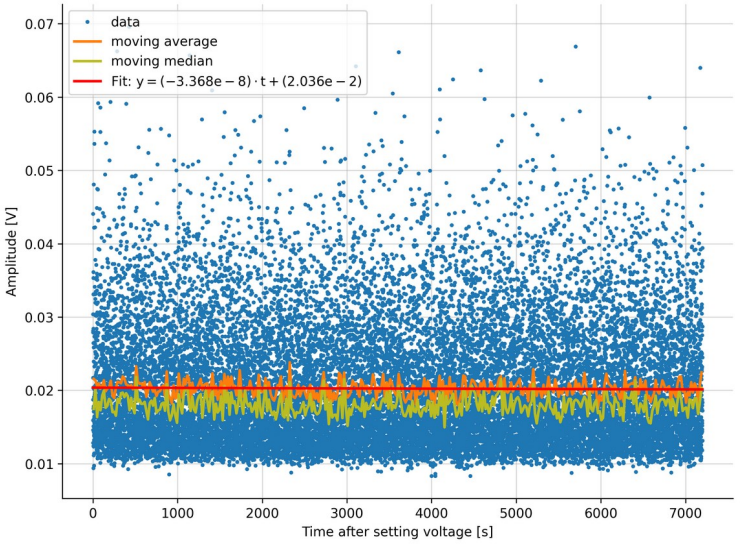
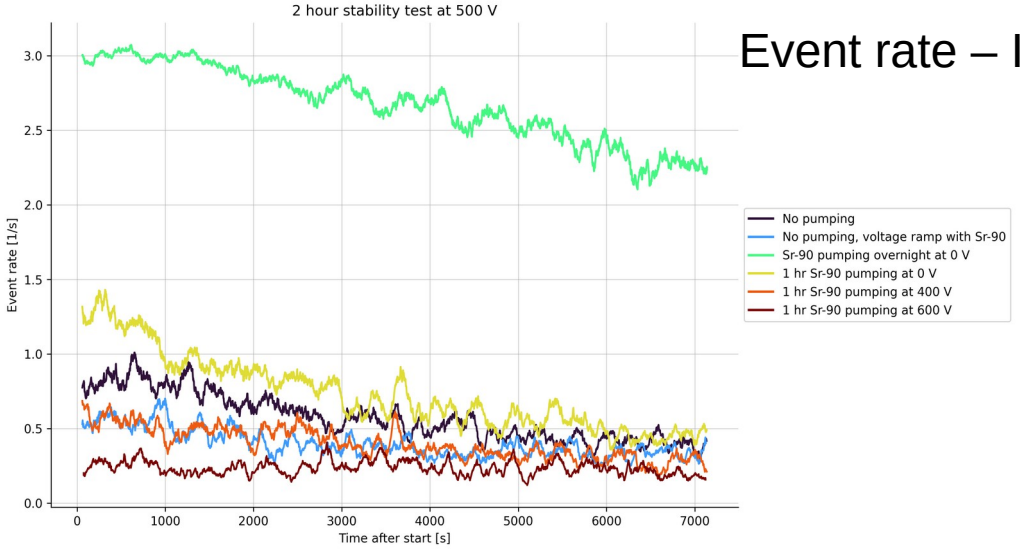
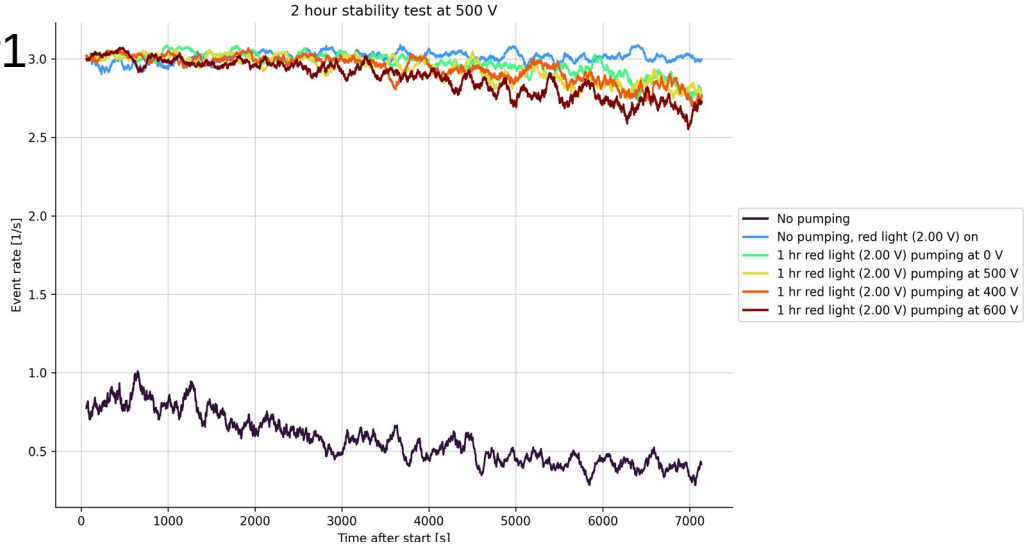
Priming tests

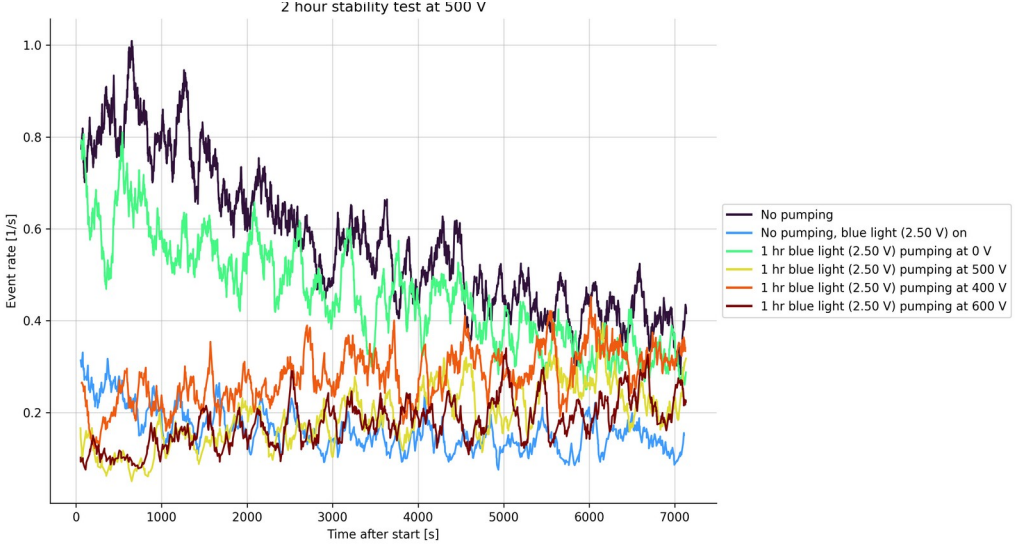
- Response to Sr-90 at 500 V and -500 V
- 2-hour-long stability tests. Split into overlapping 10 min intervals in analysis
- Priming tests with Sr-90, blue light, red light and green light using different procedures
- Single crystal diamond
  - New1: no irradiation
  - New3: no irradiation
  - Irr1: irradiated to total fluence $4.42*10^{15}$ protons/cm^2 (very small signal)
  - Irr2: irradiated to total fluence $1.06*10^{14}$ protons/cm^2
  - Irr3: irradiated to total fluence $0.96*10^{16}$ protons/cm^2 (barely any signals with Sr-90) Must be remeasured

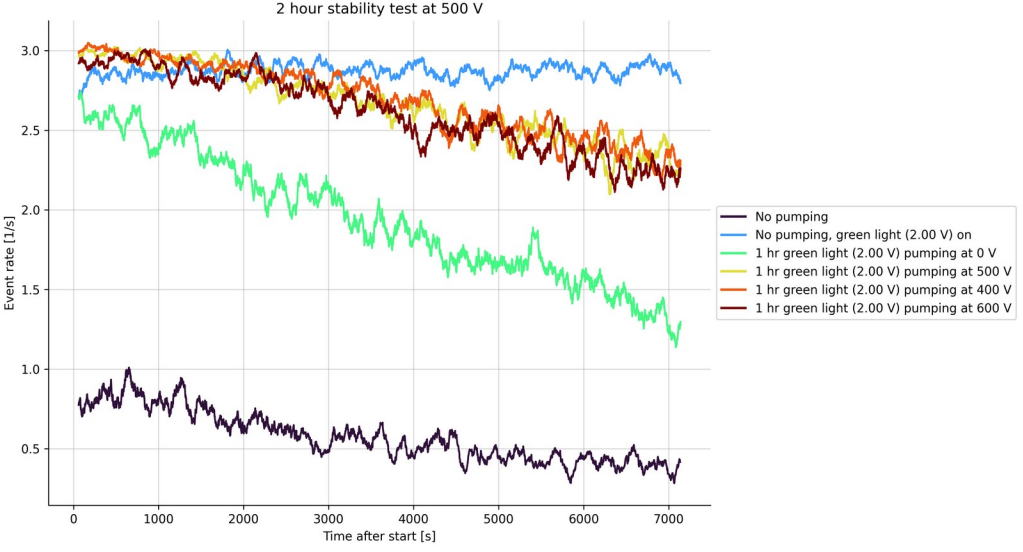


Event rate – Irr1

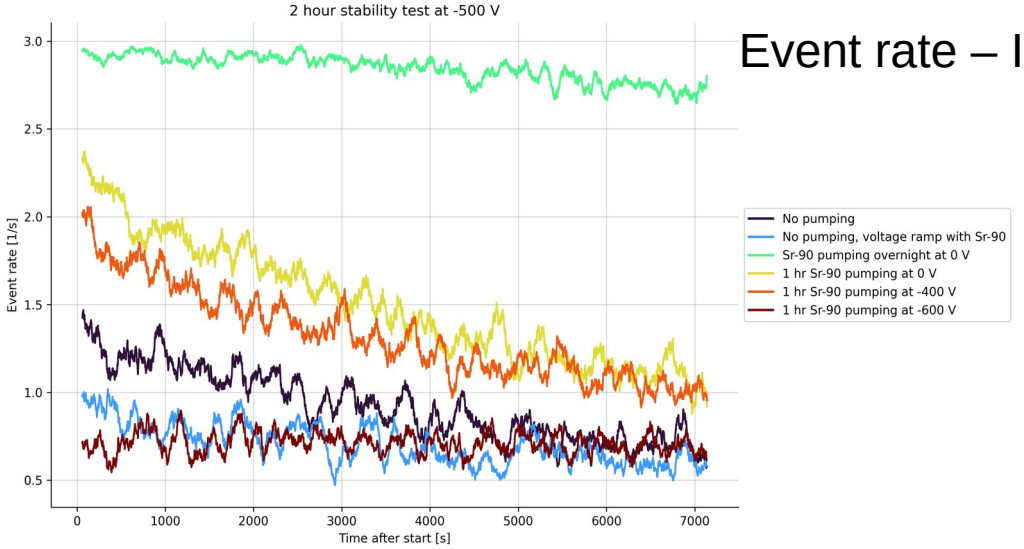


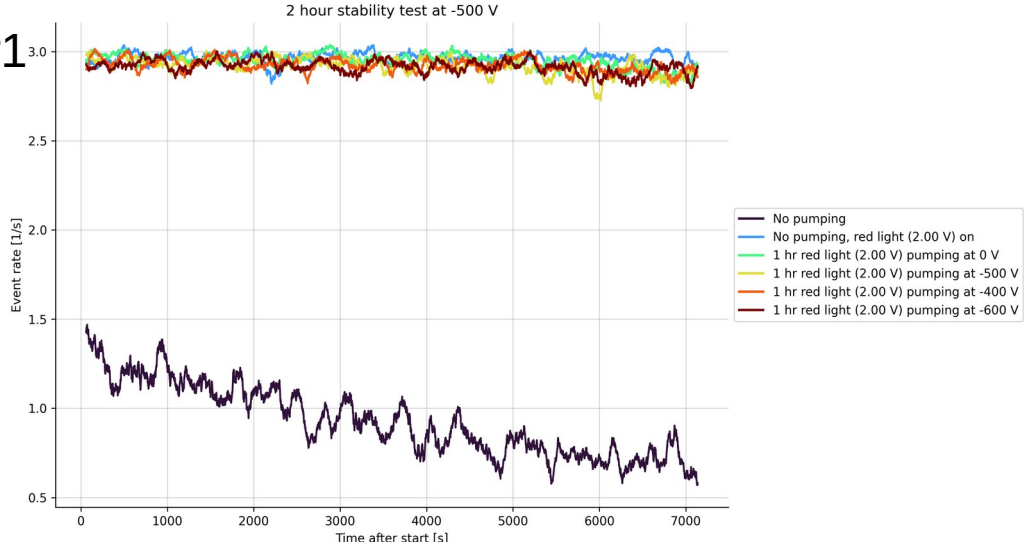


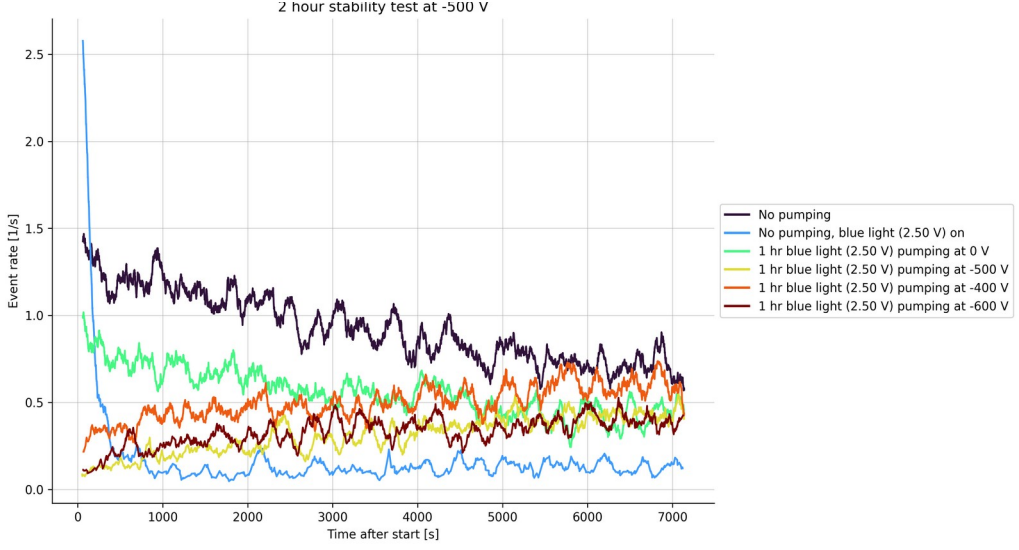


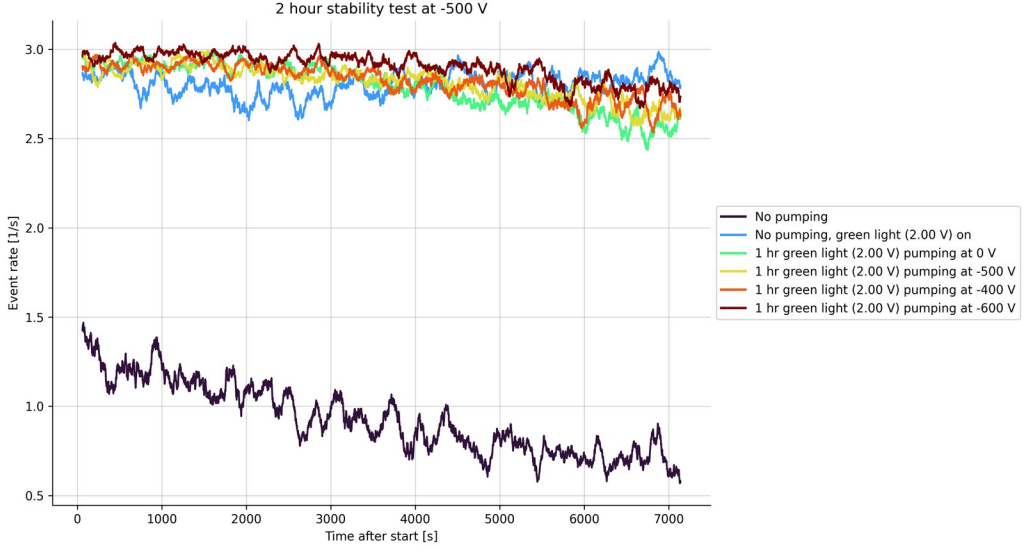


Event rate – Irr1

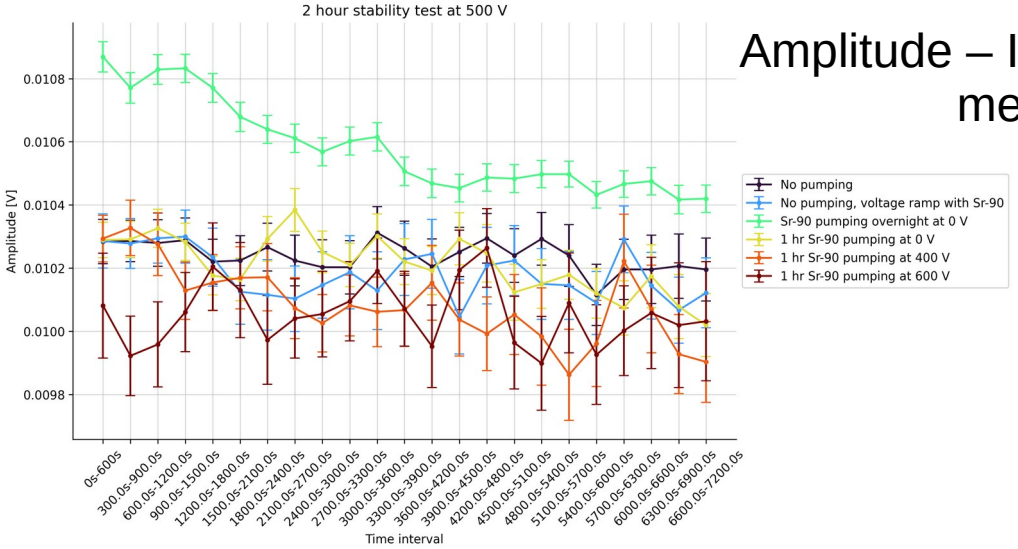


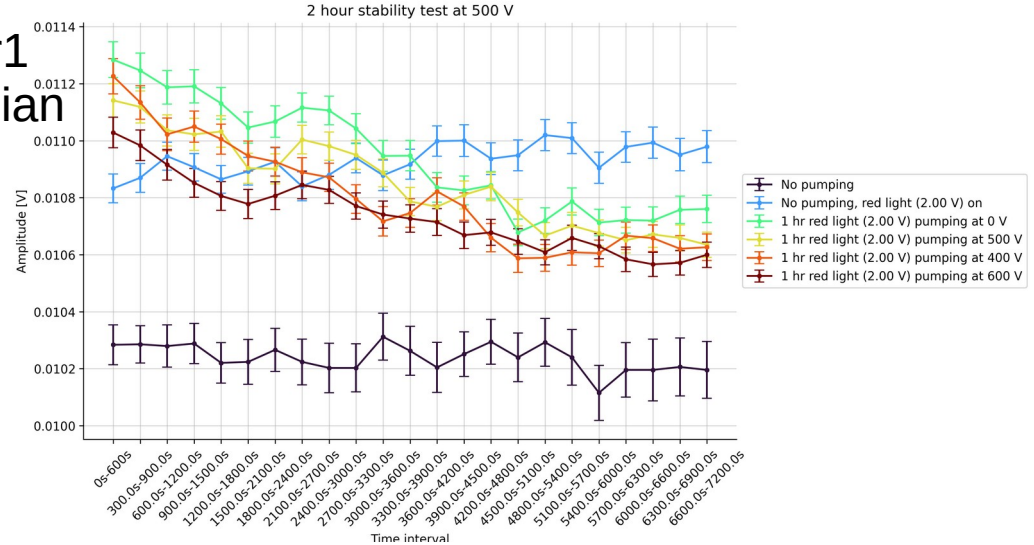


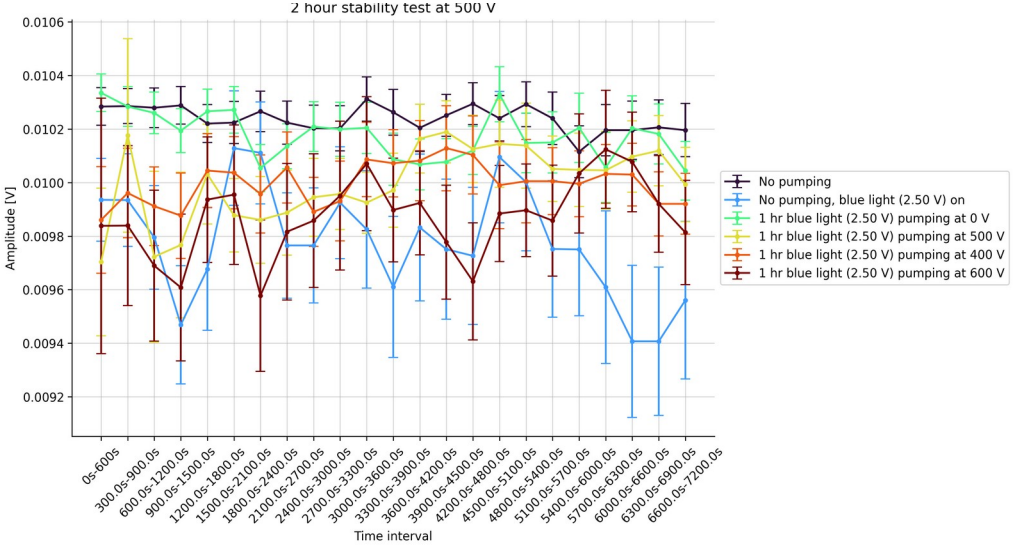


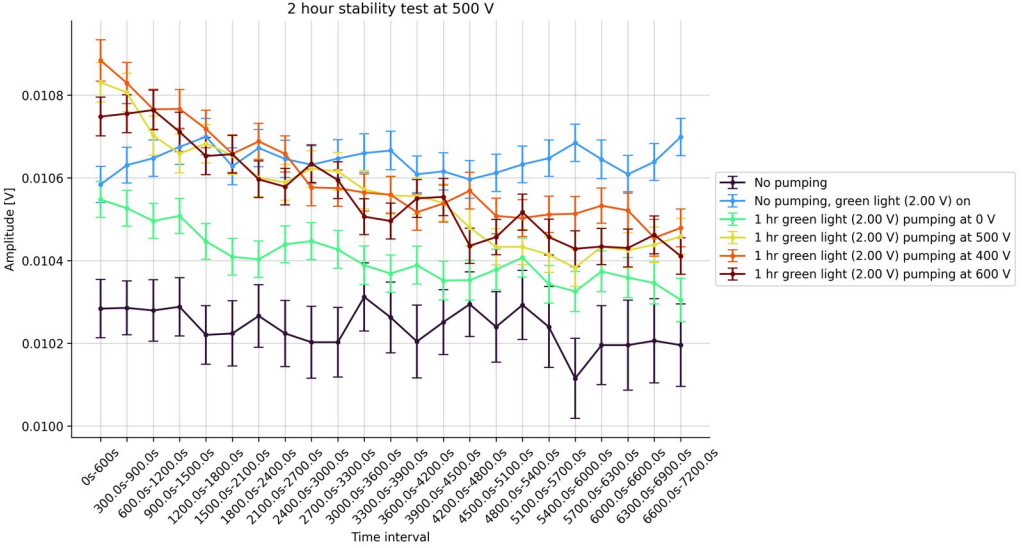


Amplitude – Irr1 median

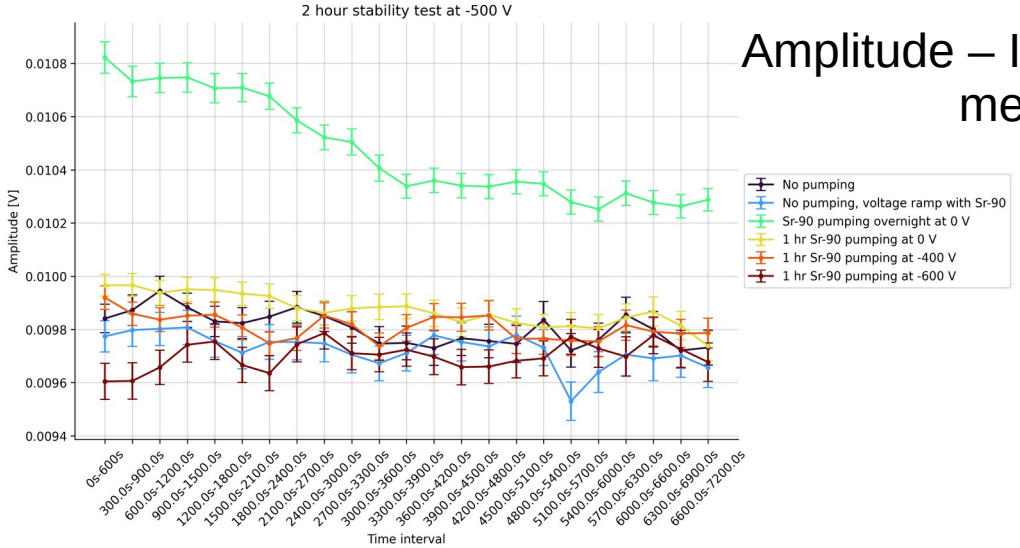


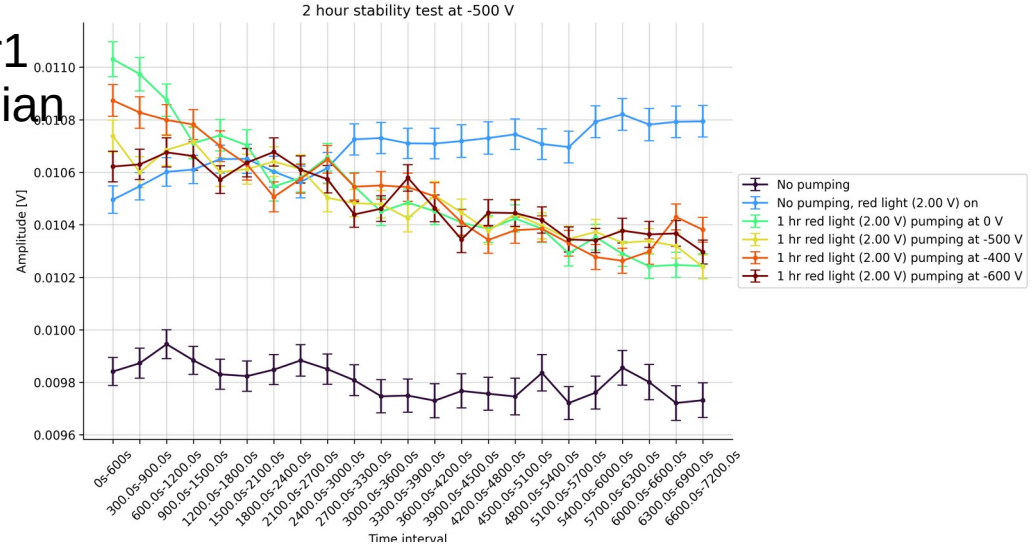


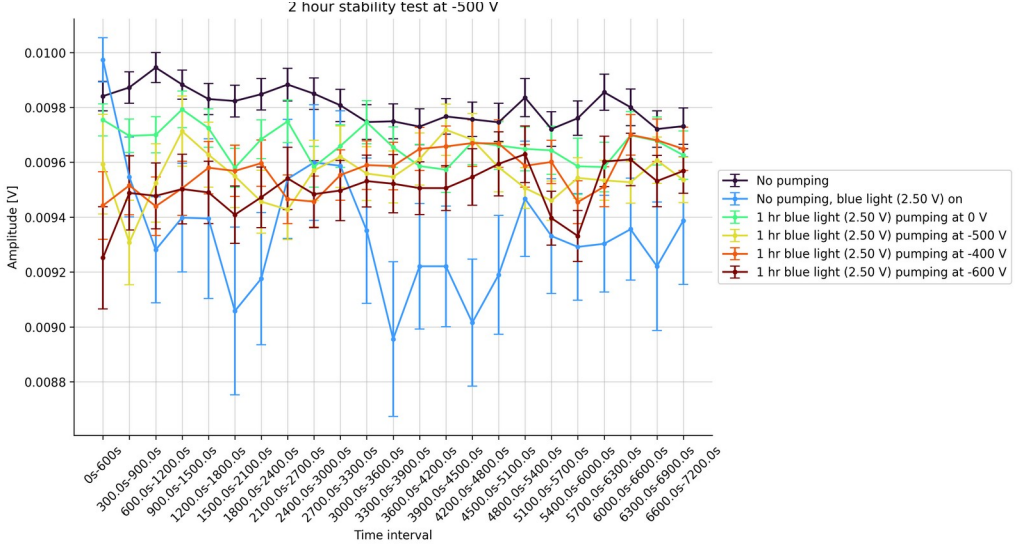


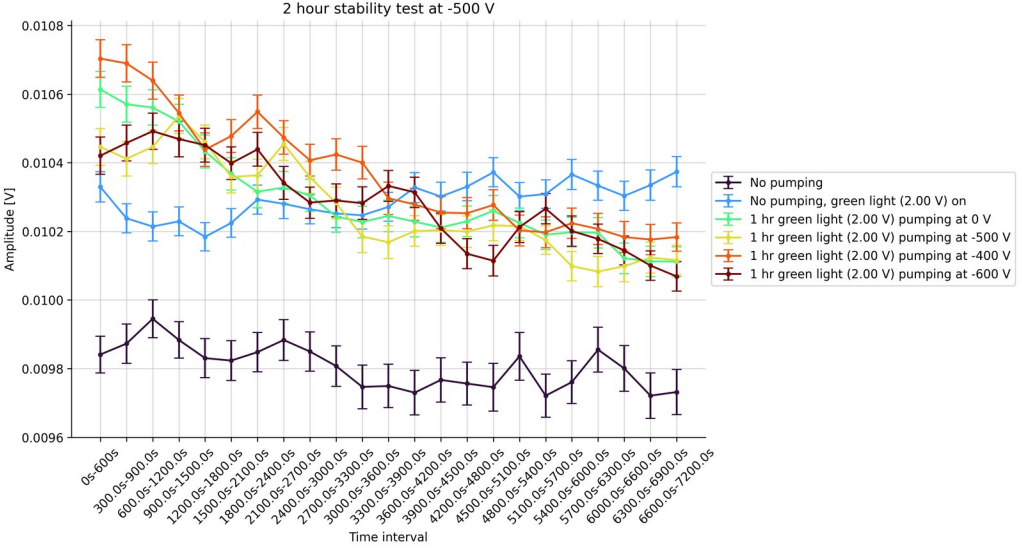


Amplitude – Irr1 median

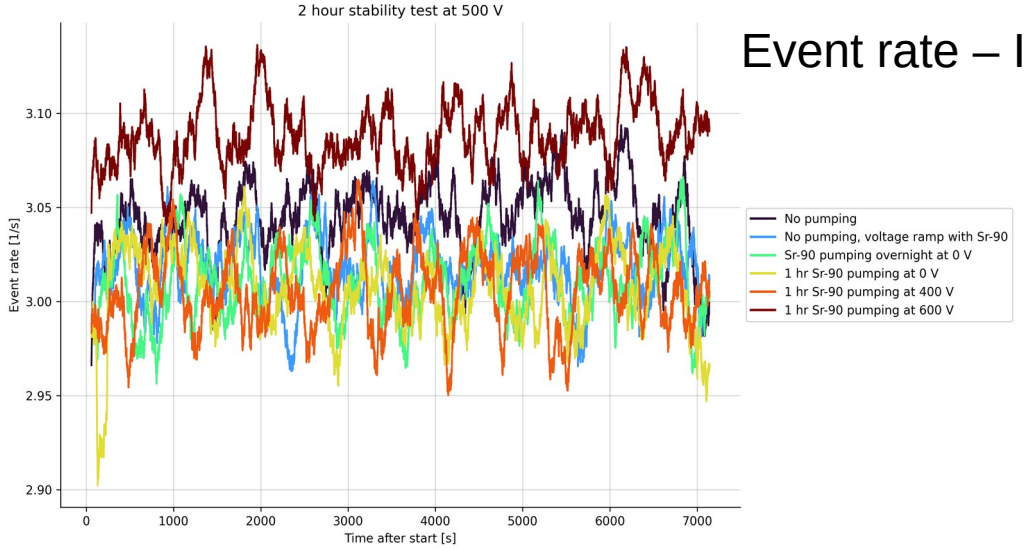


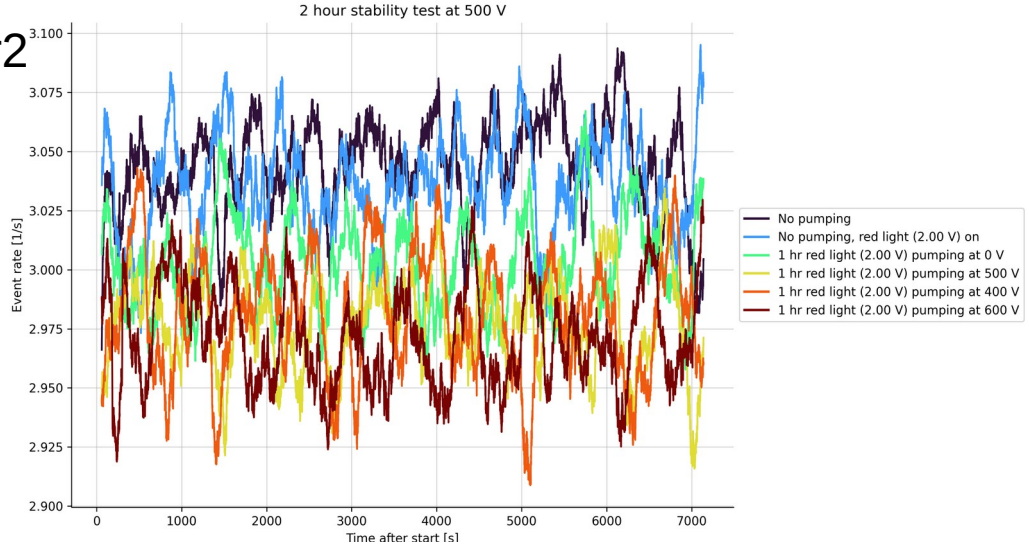


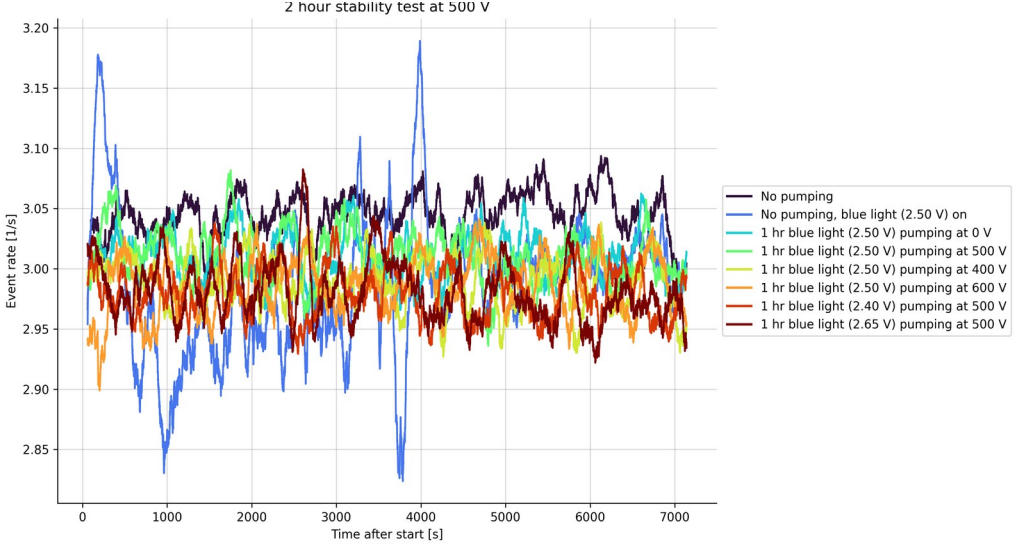


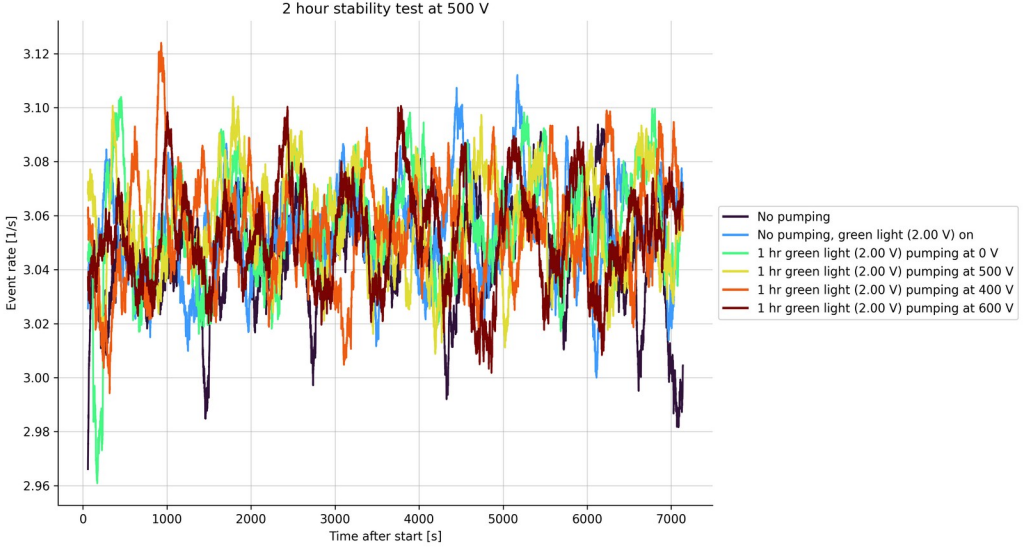


Event rate – Irr2

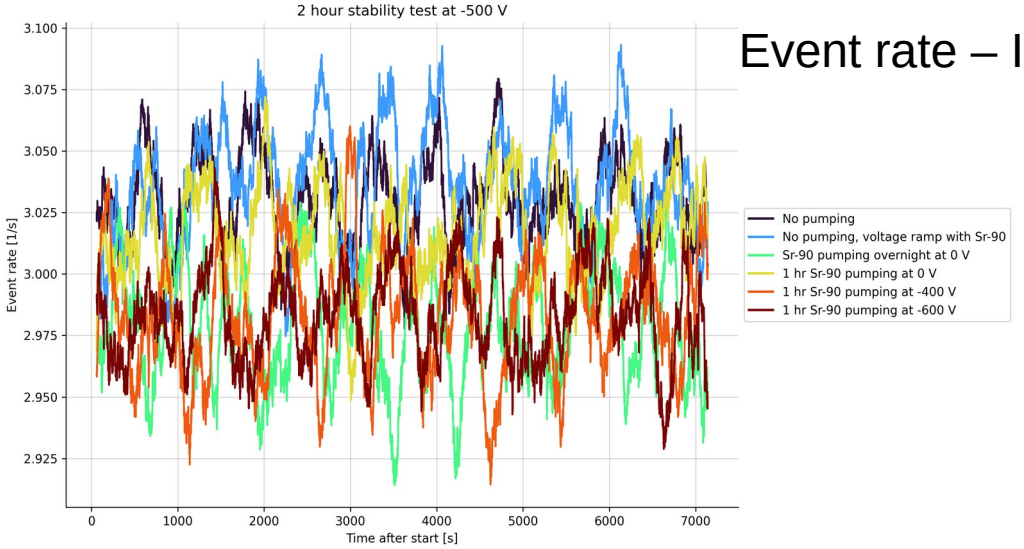


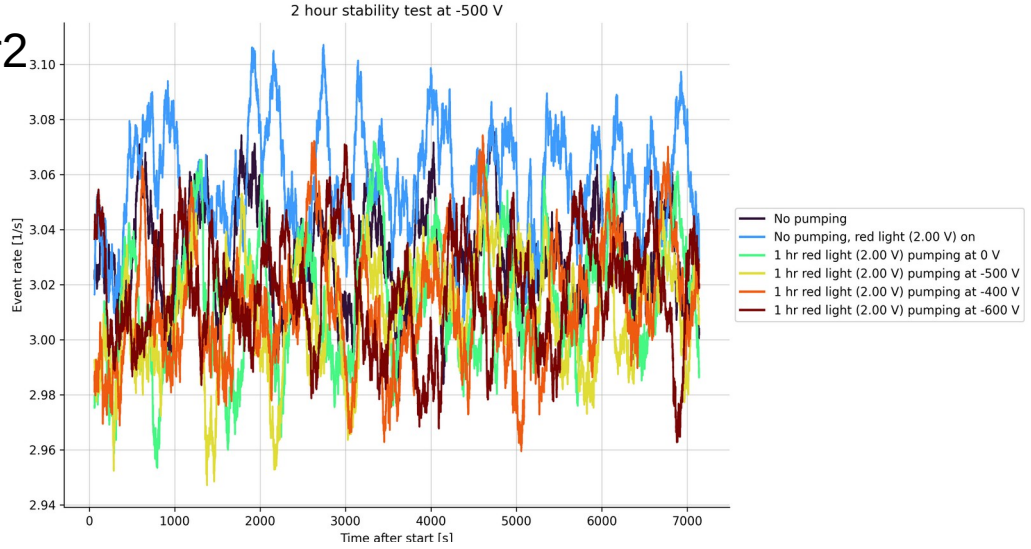


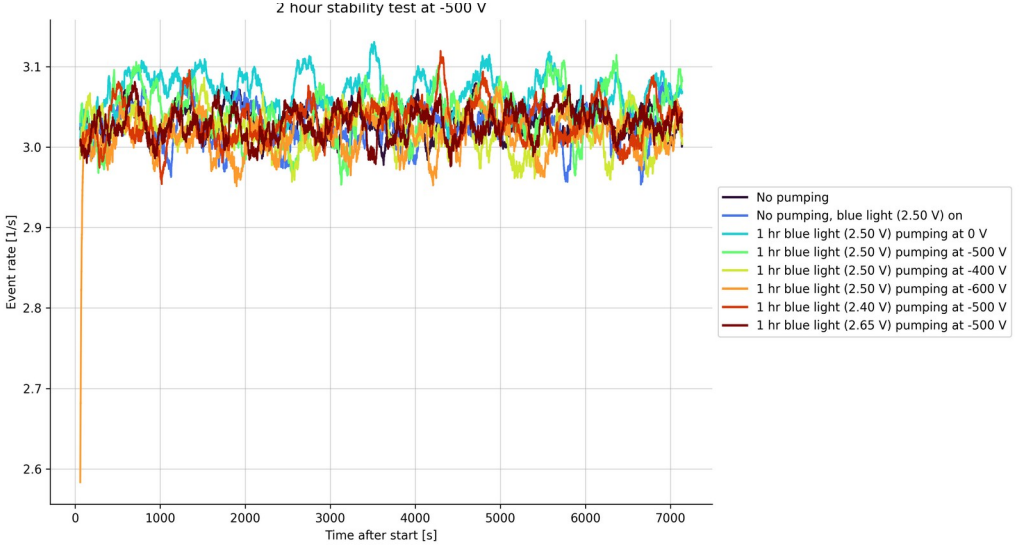


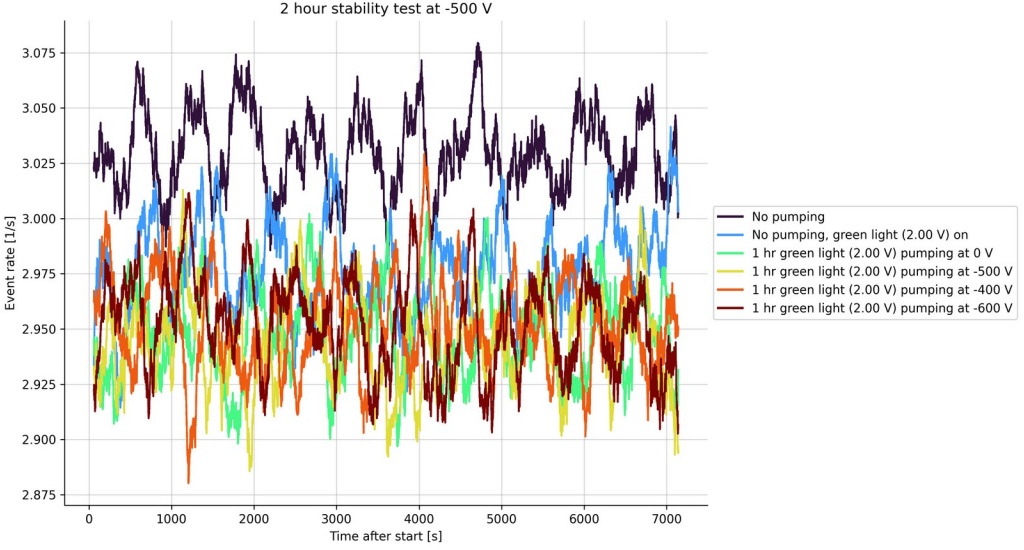


Event rate – Irr2

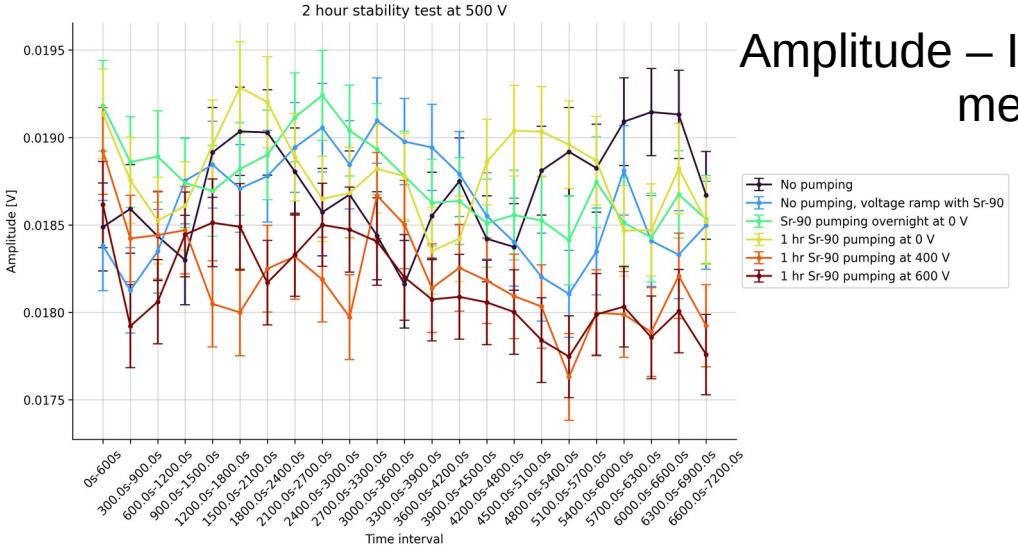


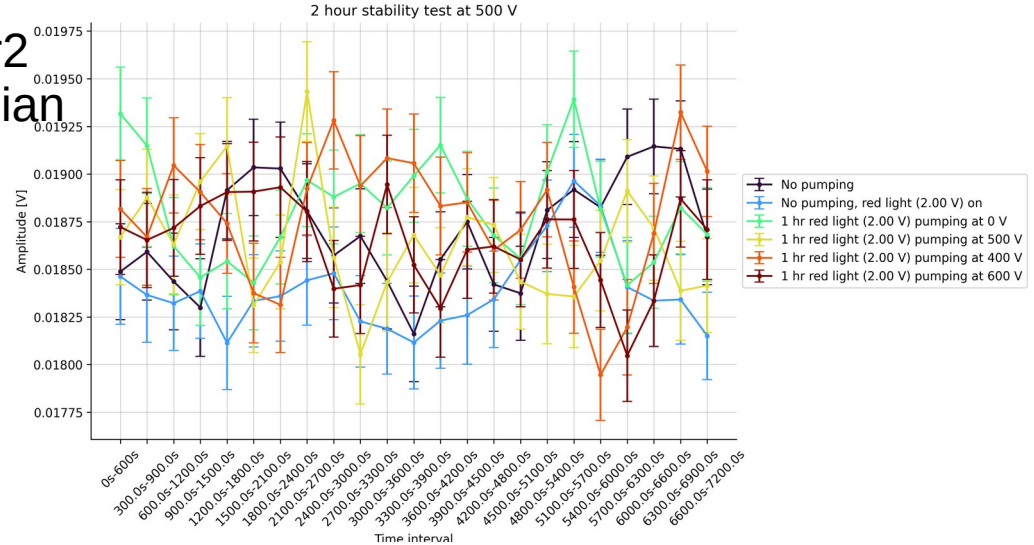


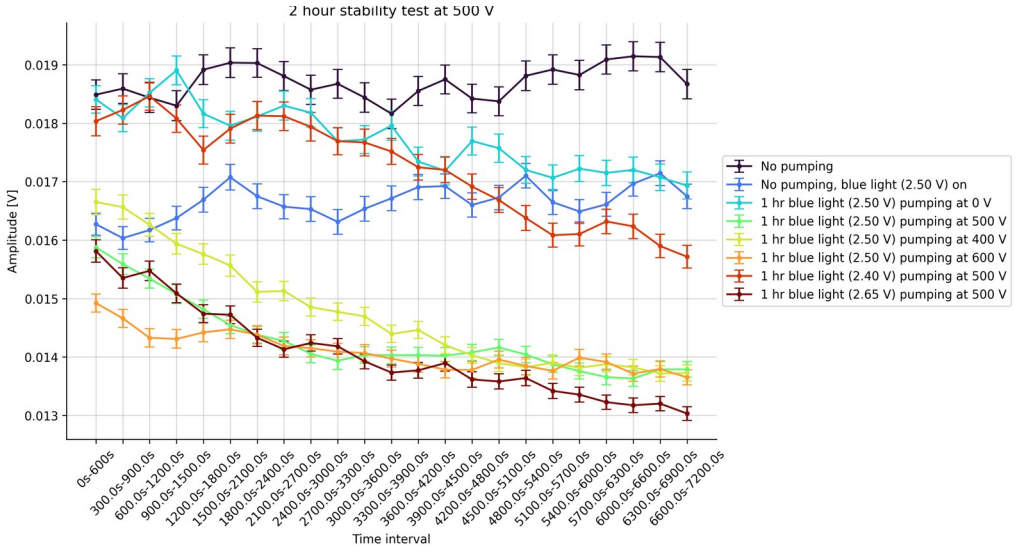


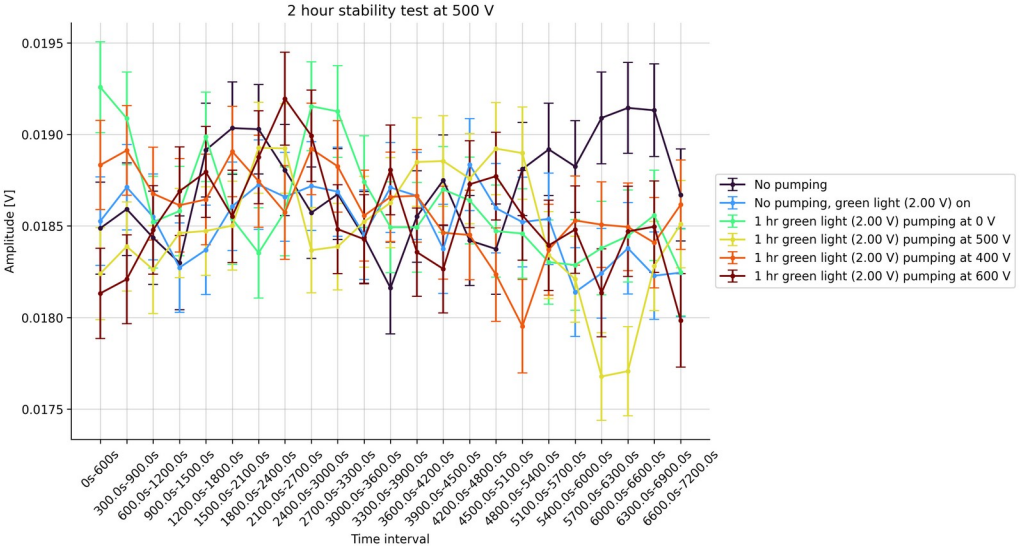


Amplitude – Irr2 median

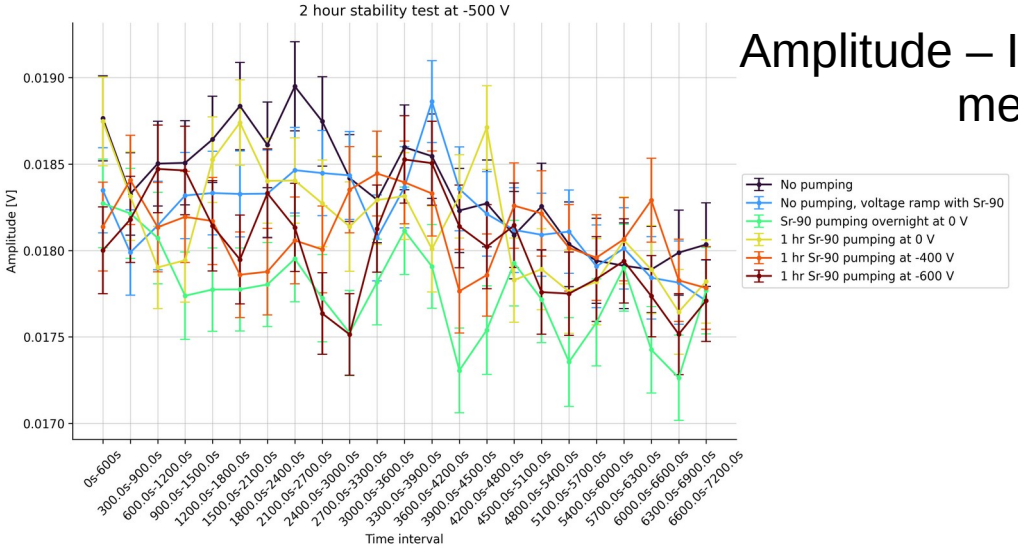


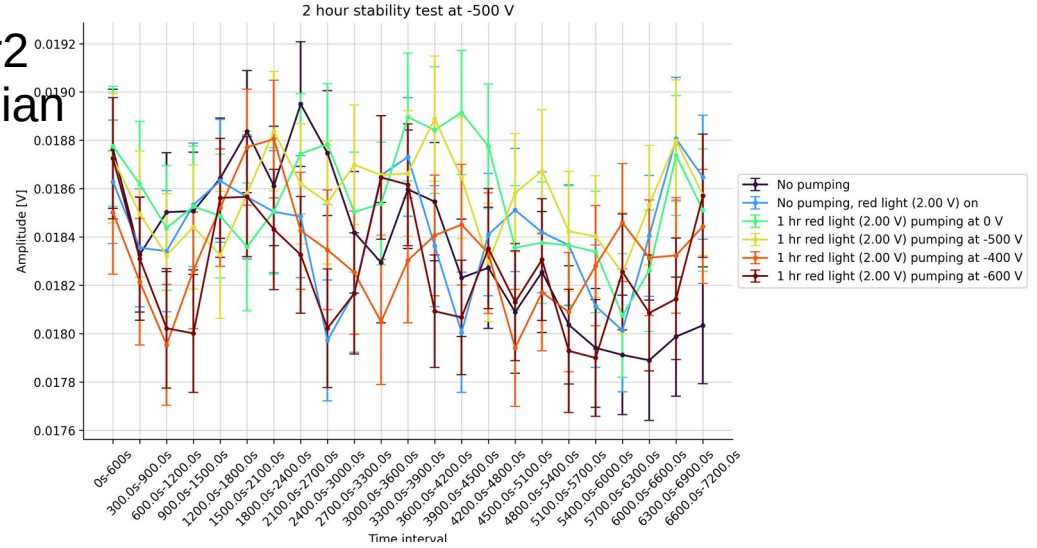


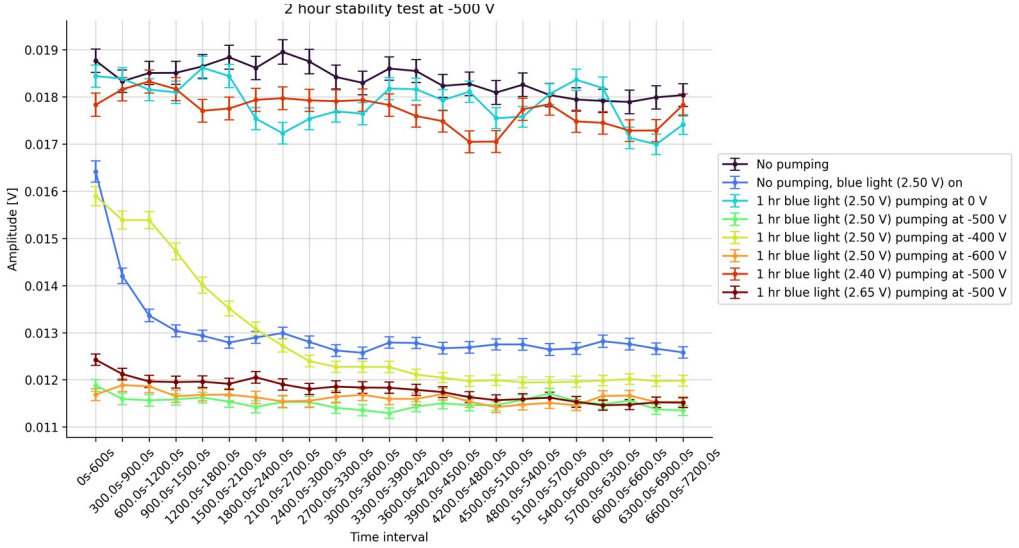


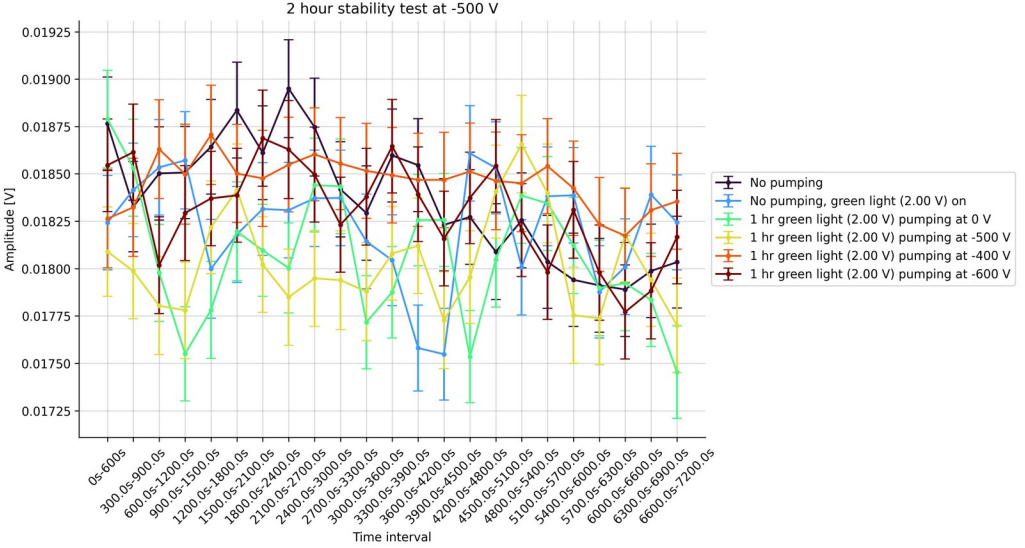


Amplitude – Irr2 median

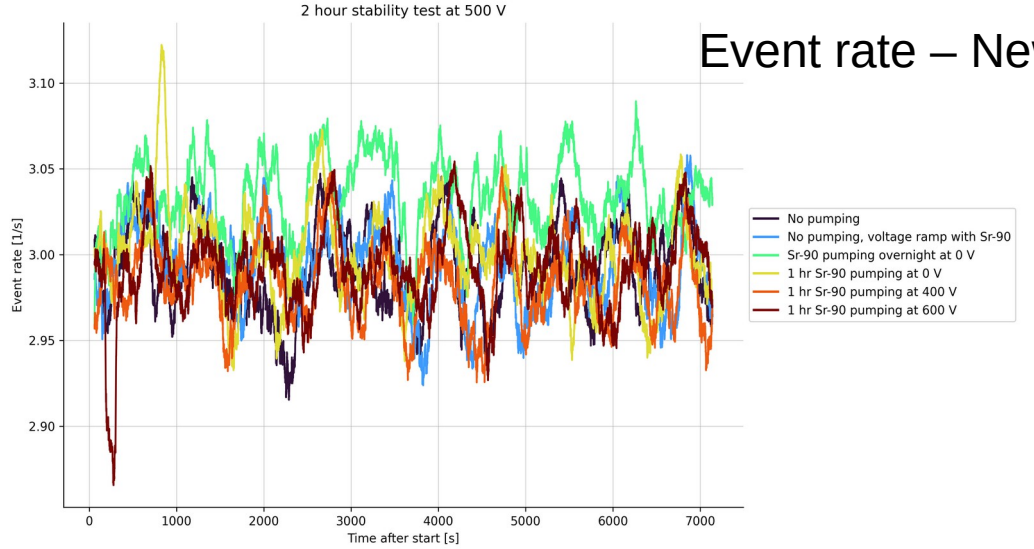


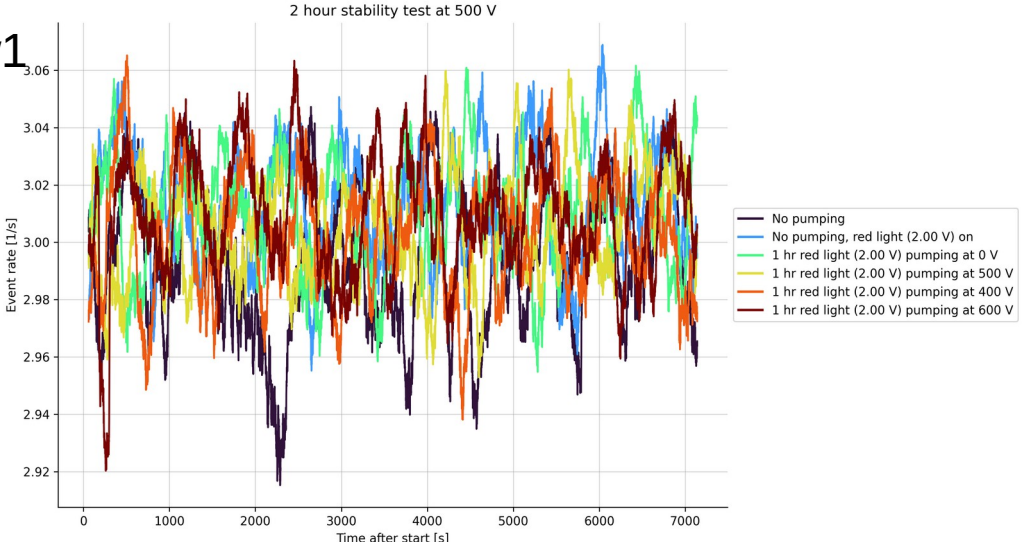


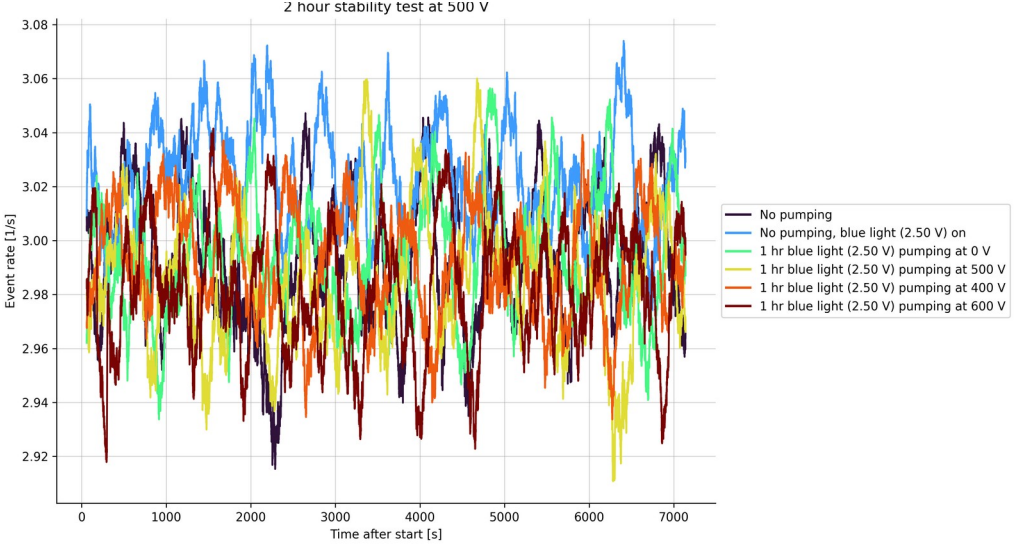


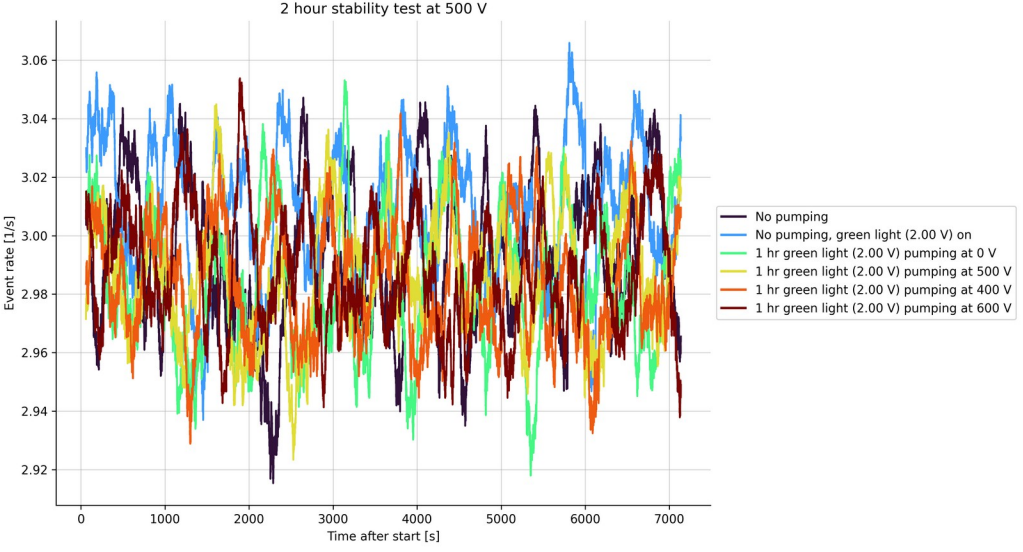


Event rate – New1

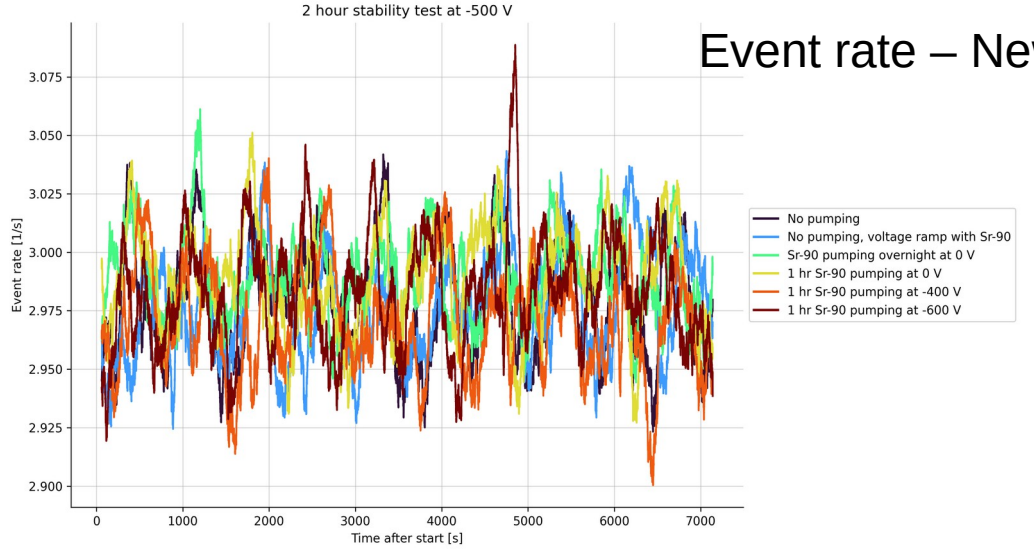


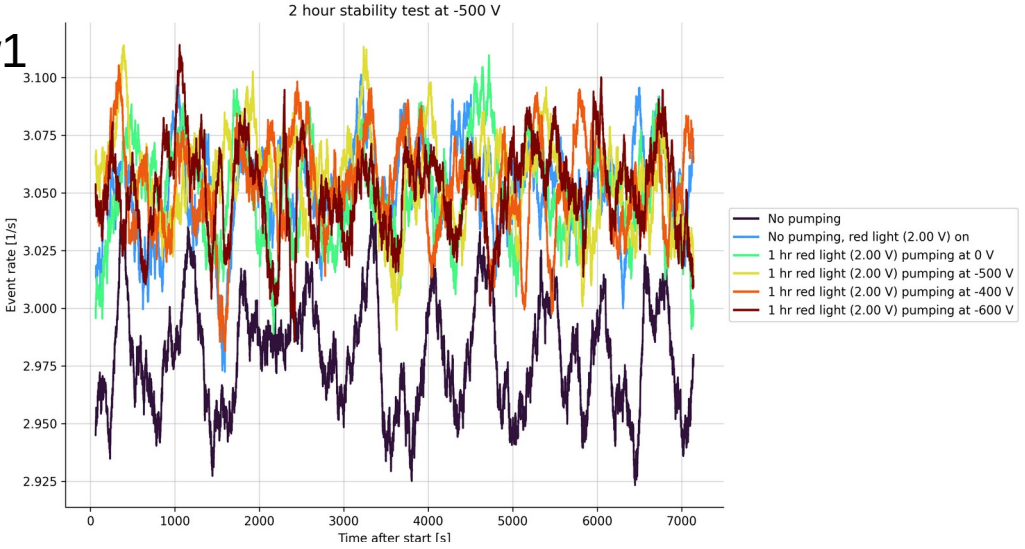


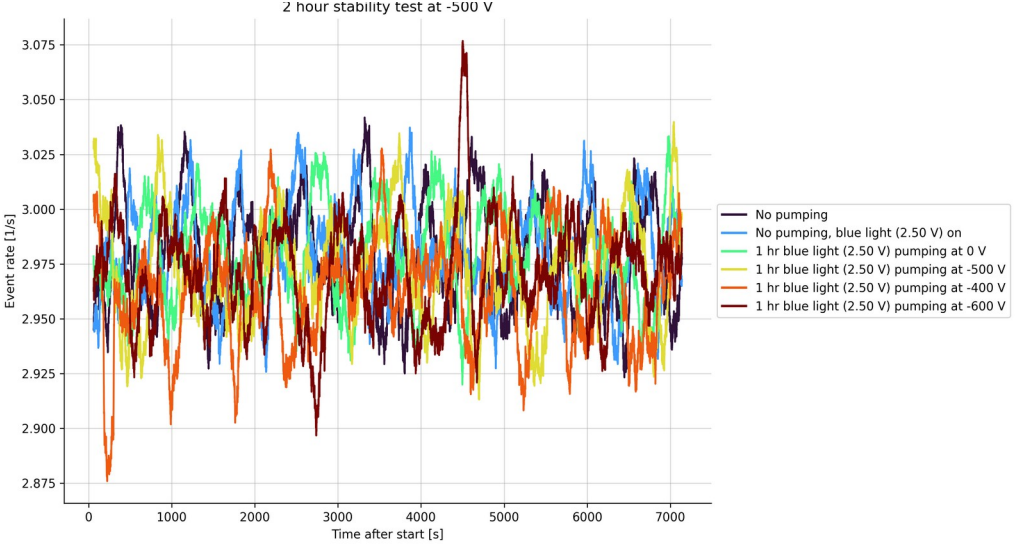


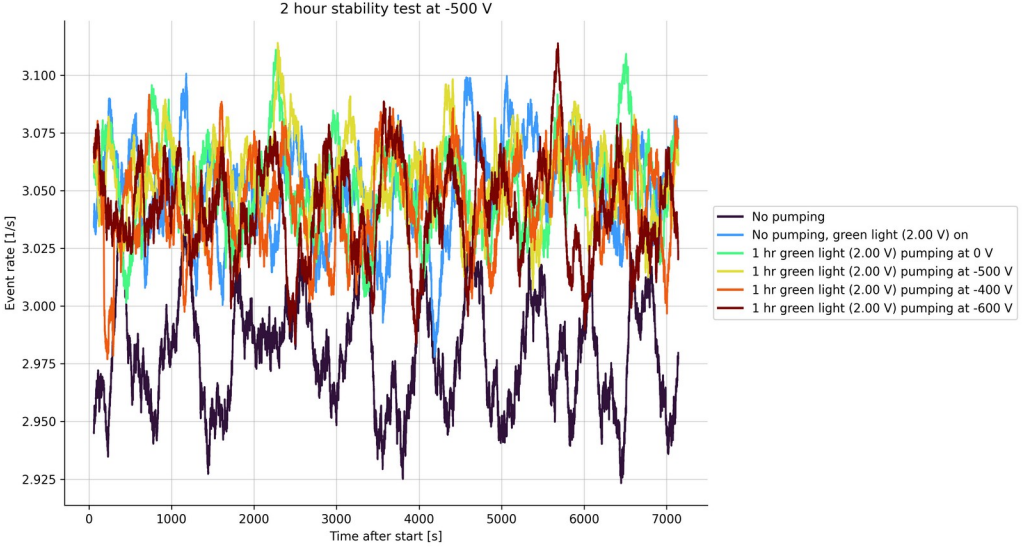


Event rate – New1

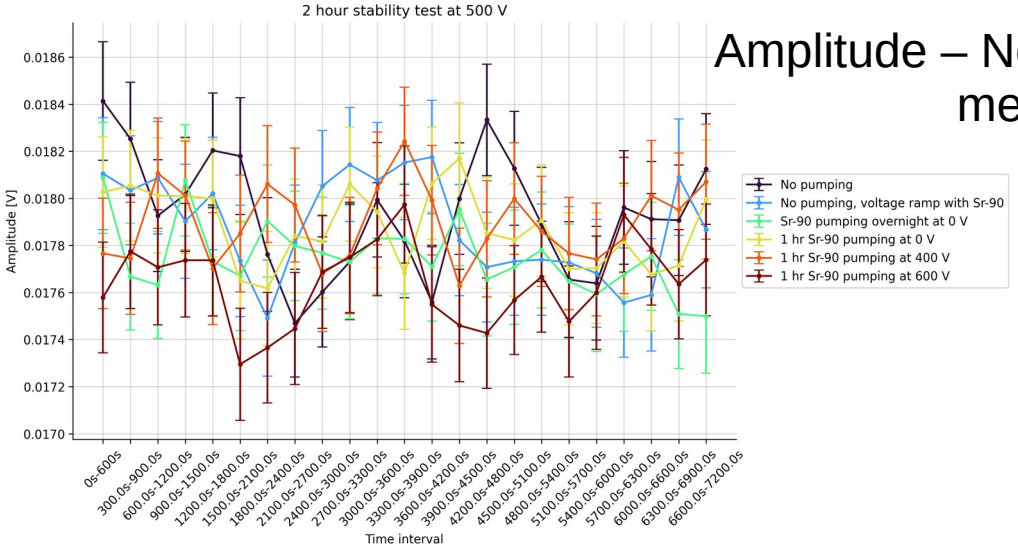


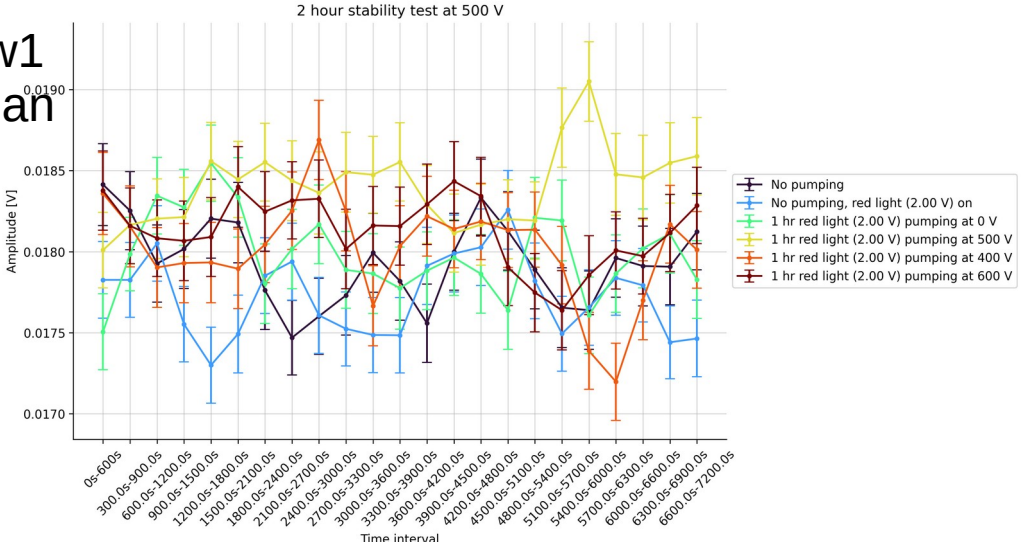


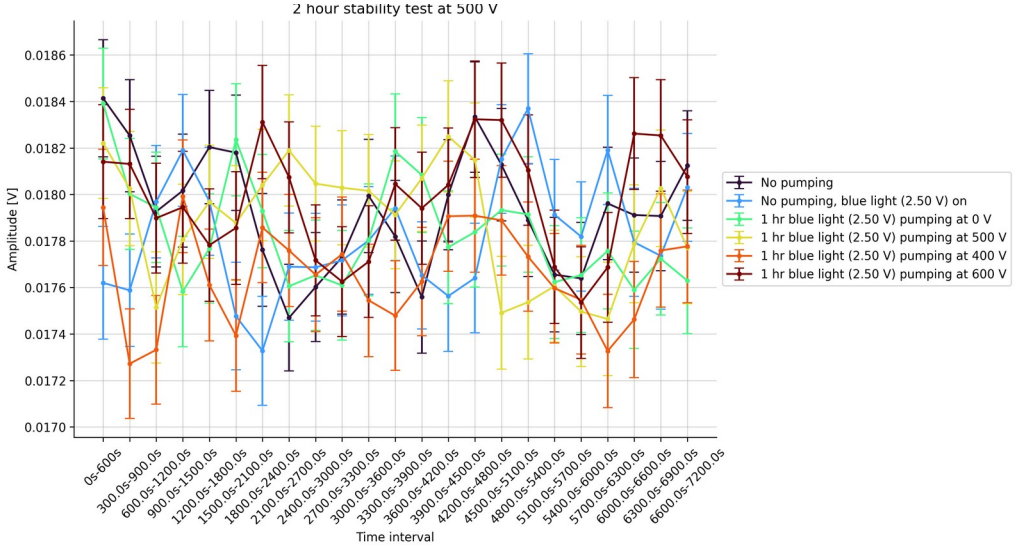


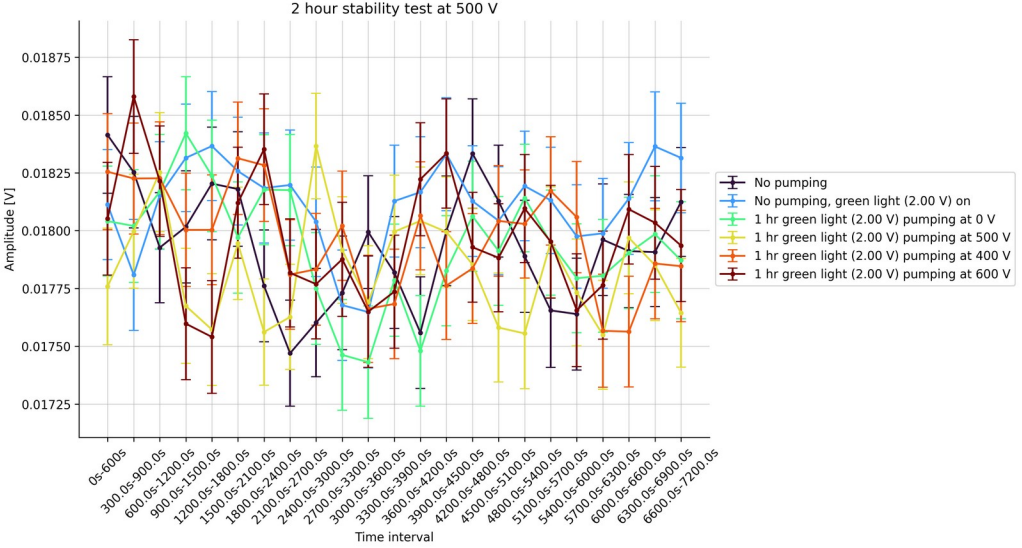


Amplitude – New1 median

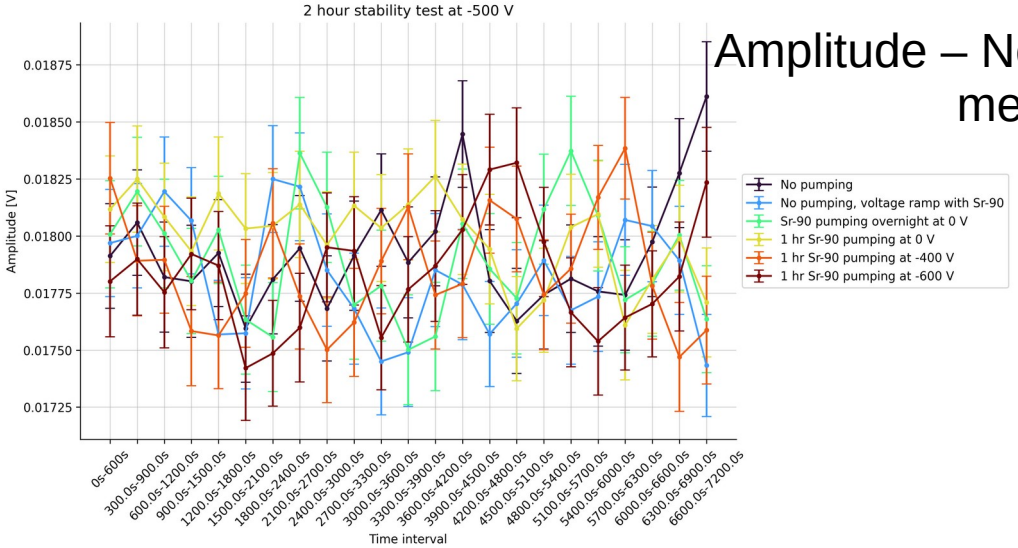


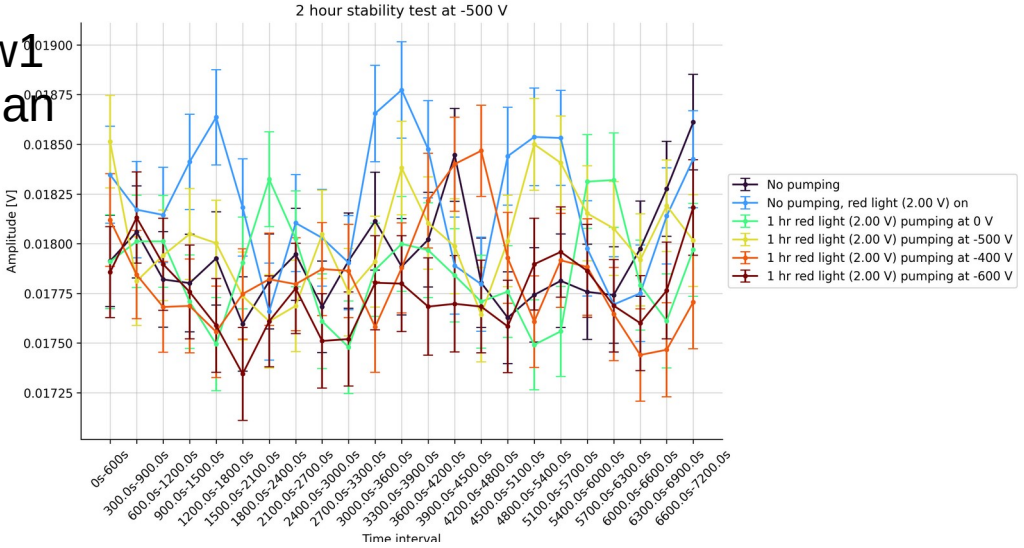


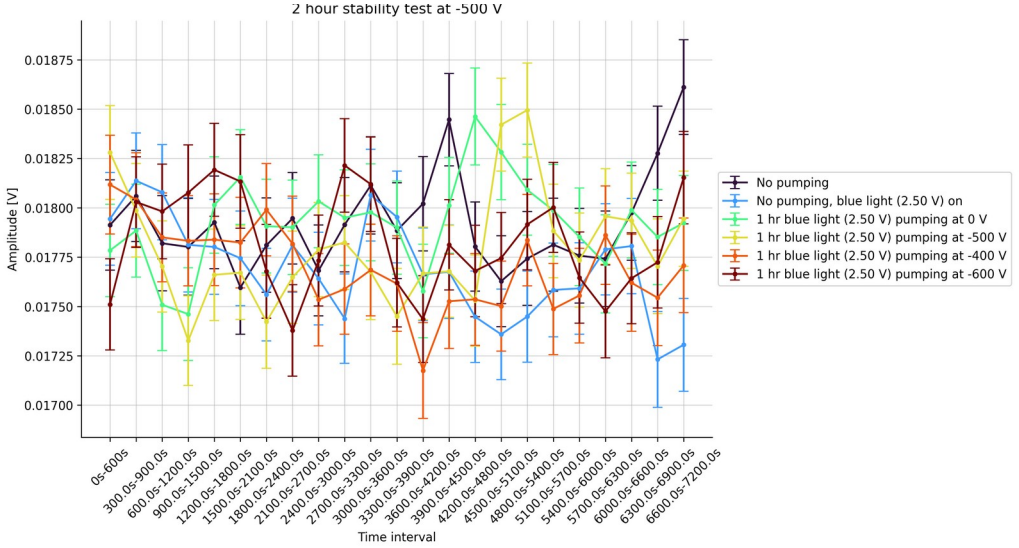


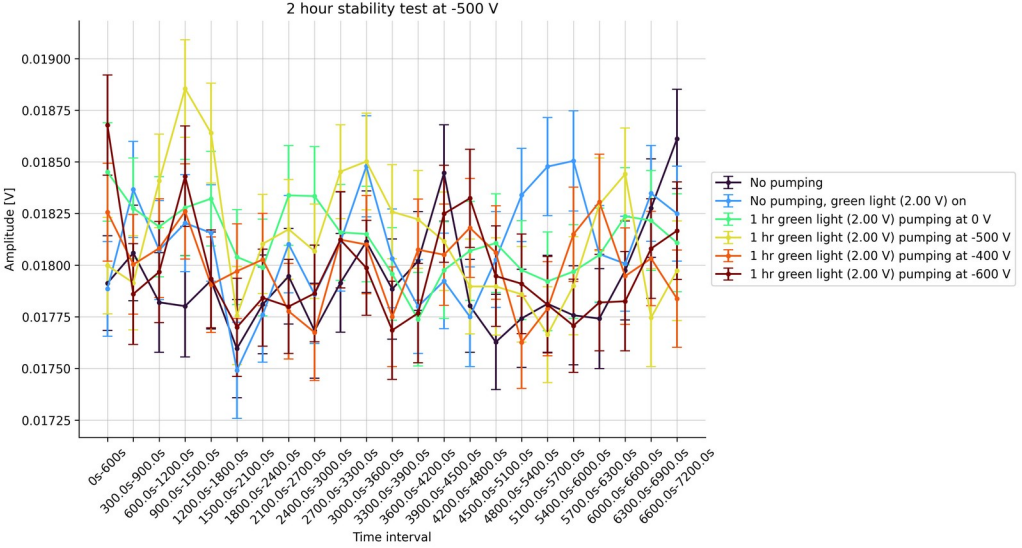


Amplitude – New1 median

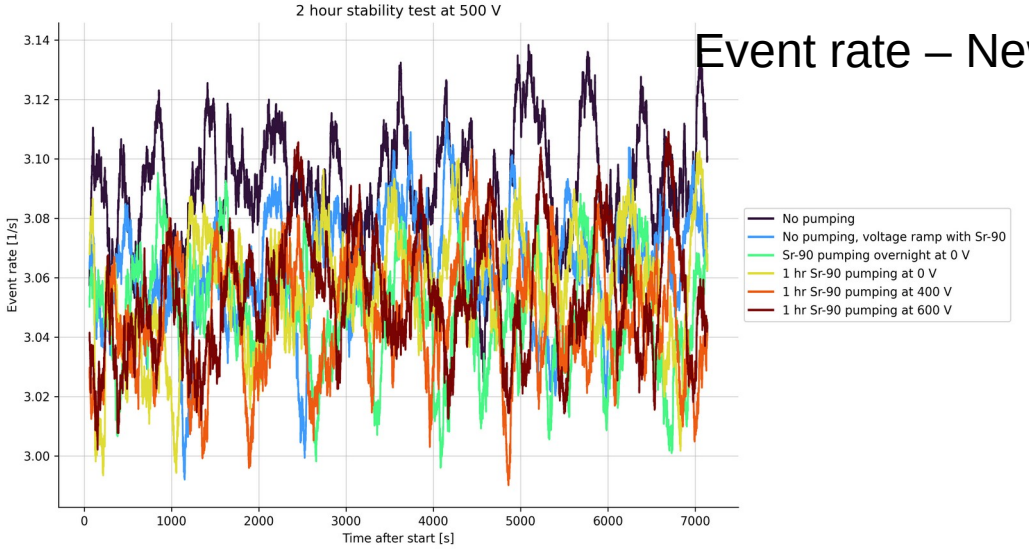


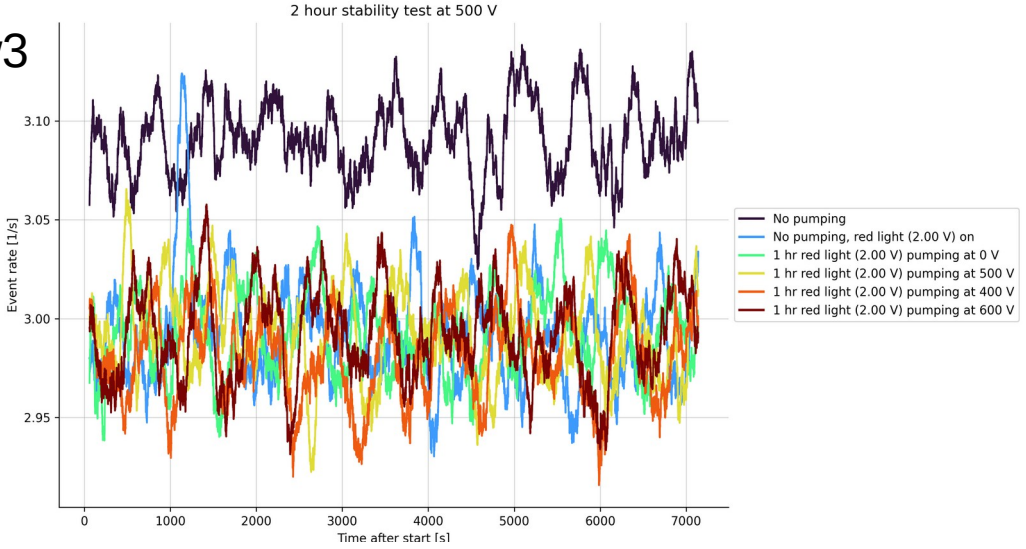


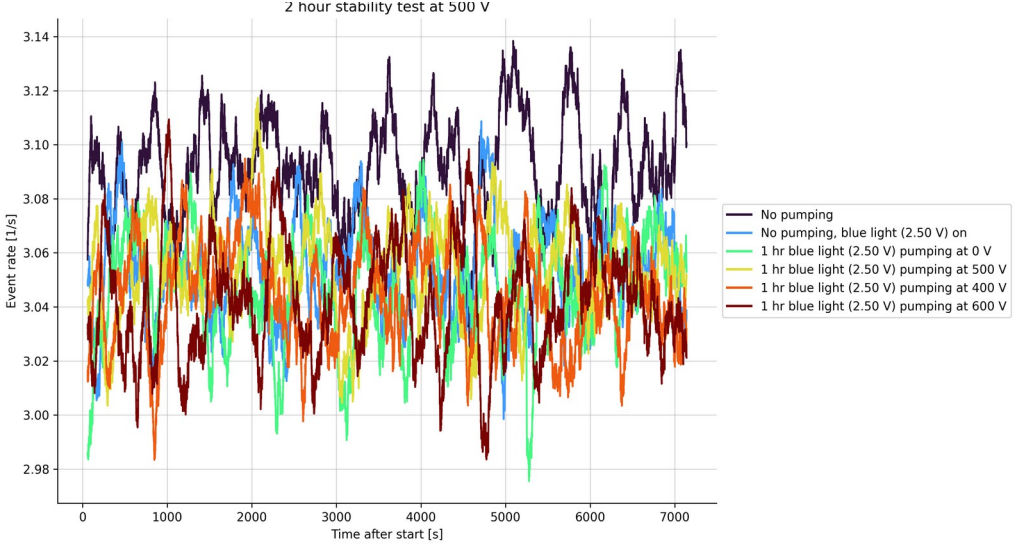


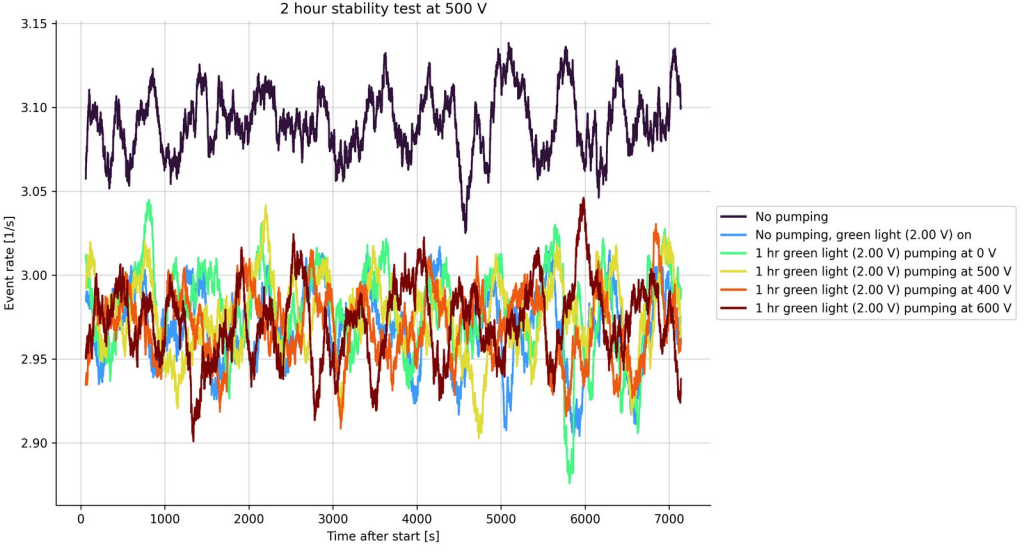


Event rate – New3

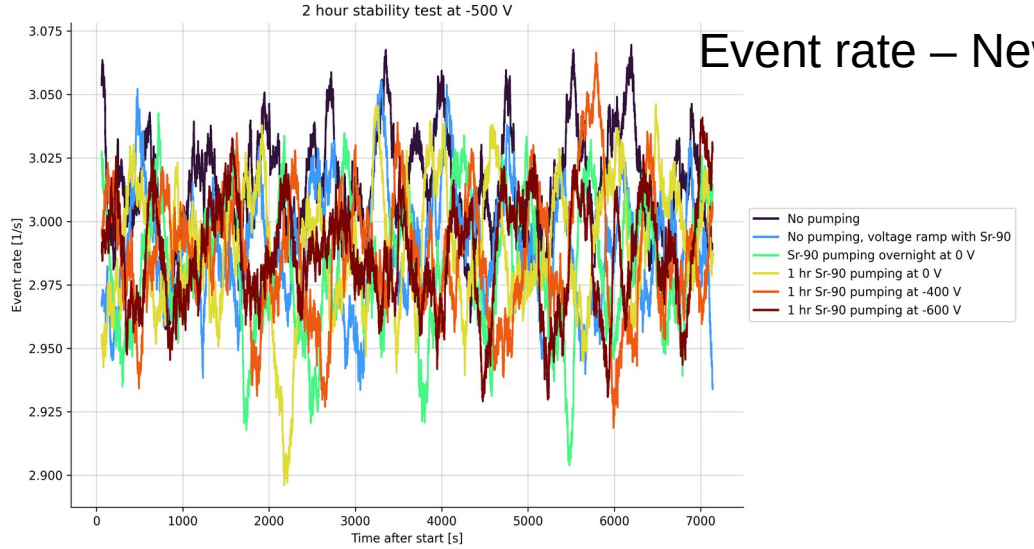


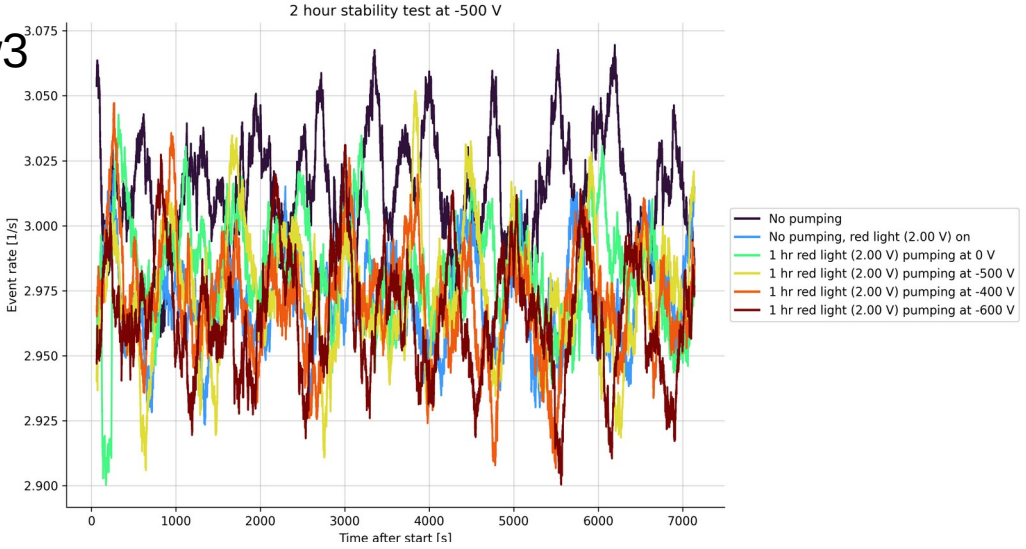


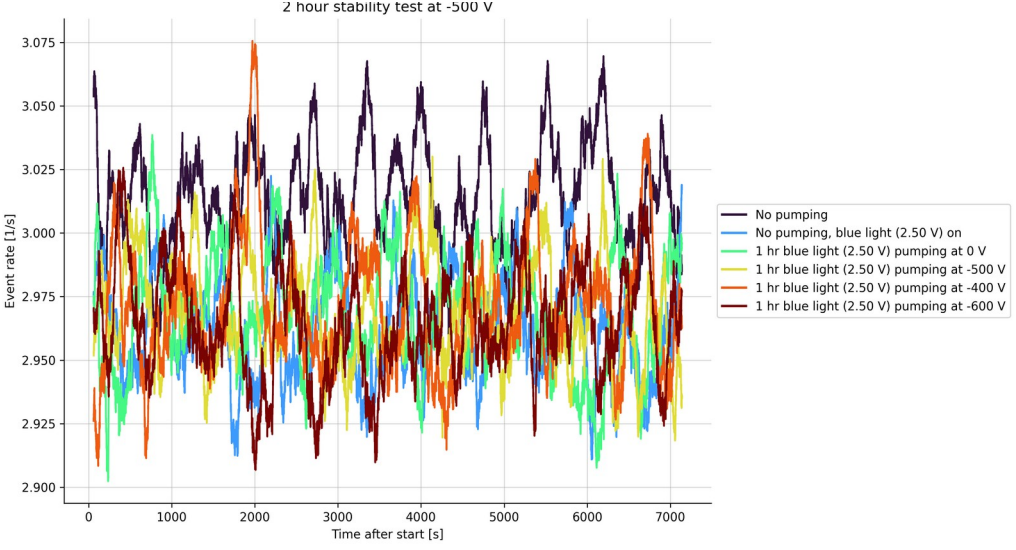


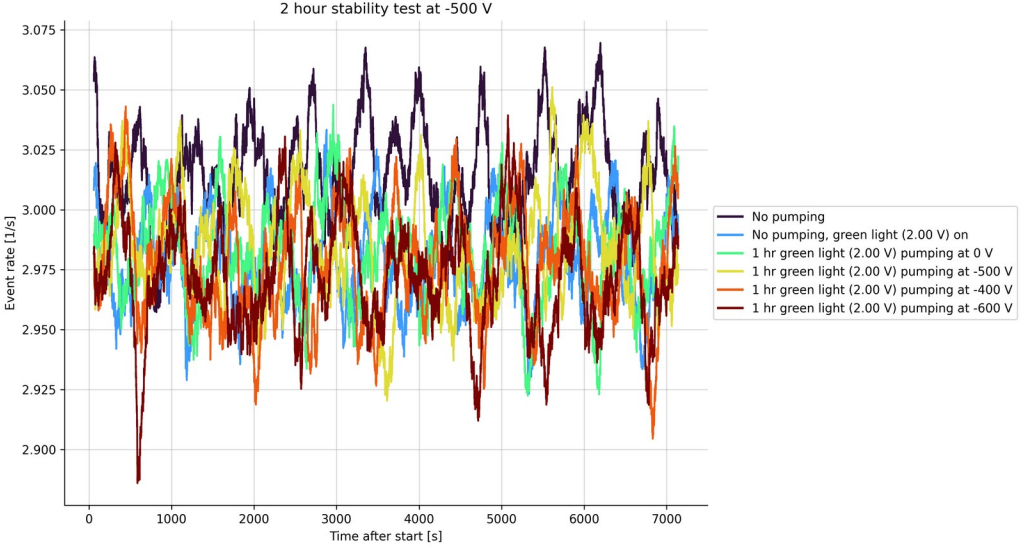


Event rate – New3

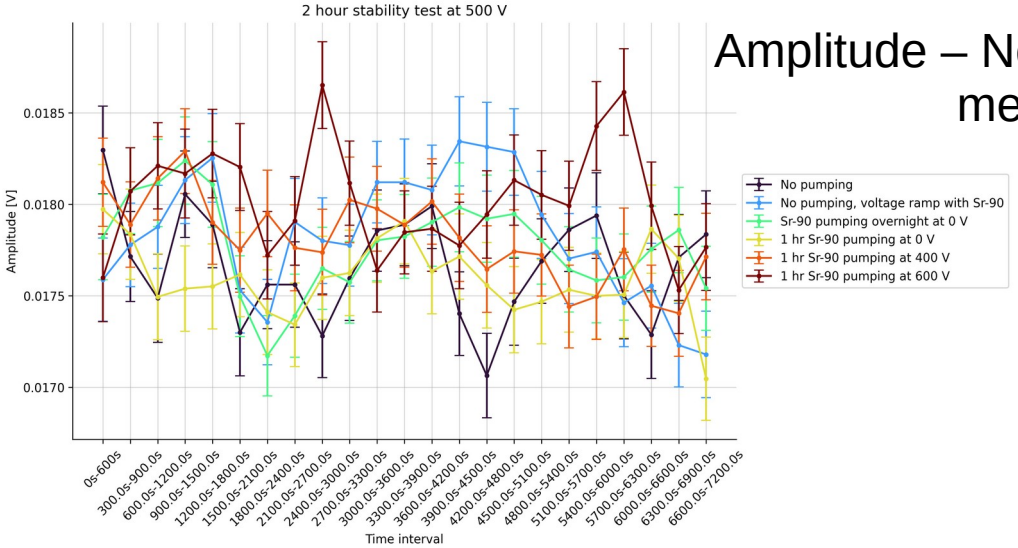


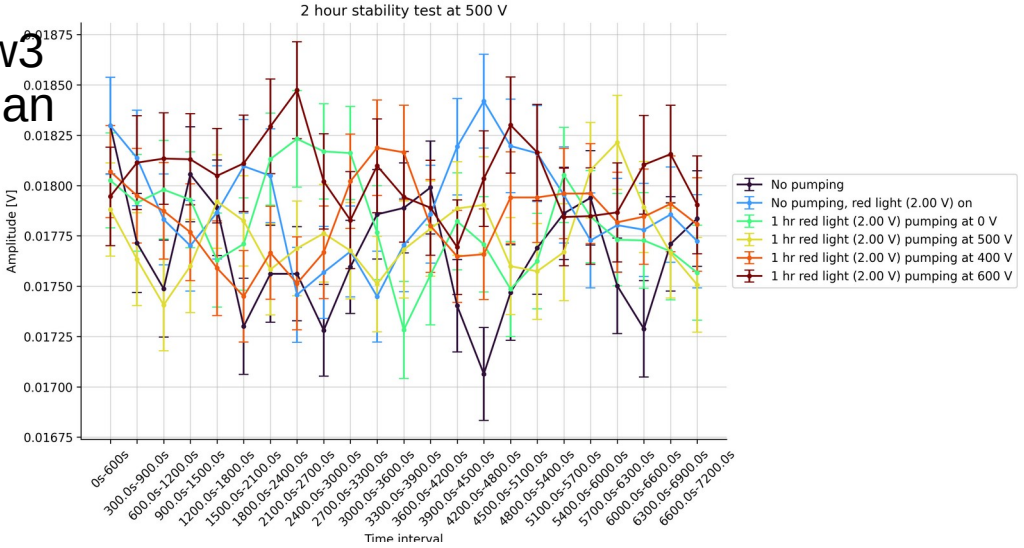


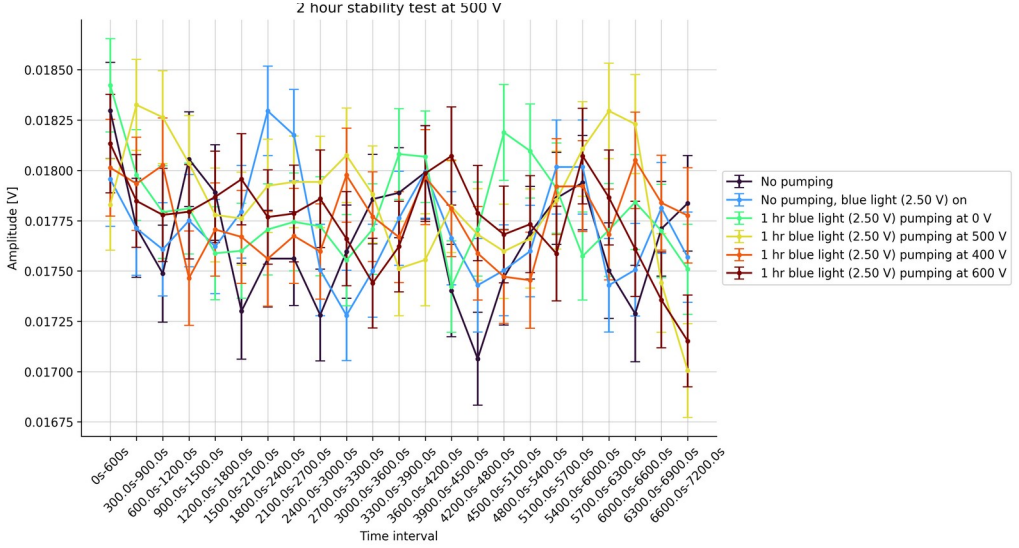


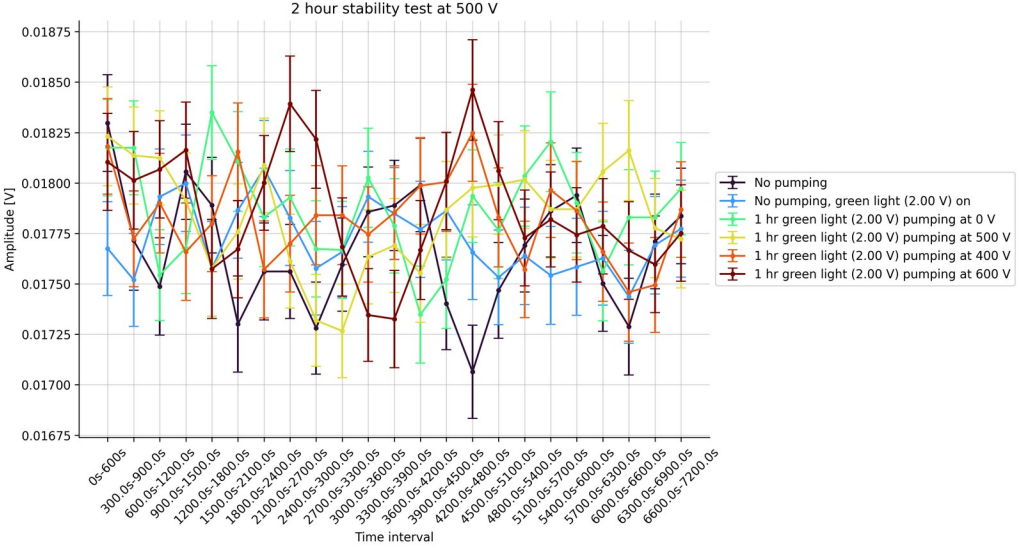


Amplitude – New3 median

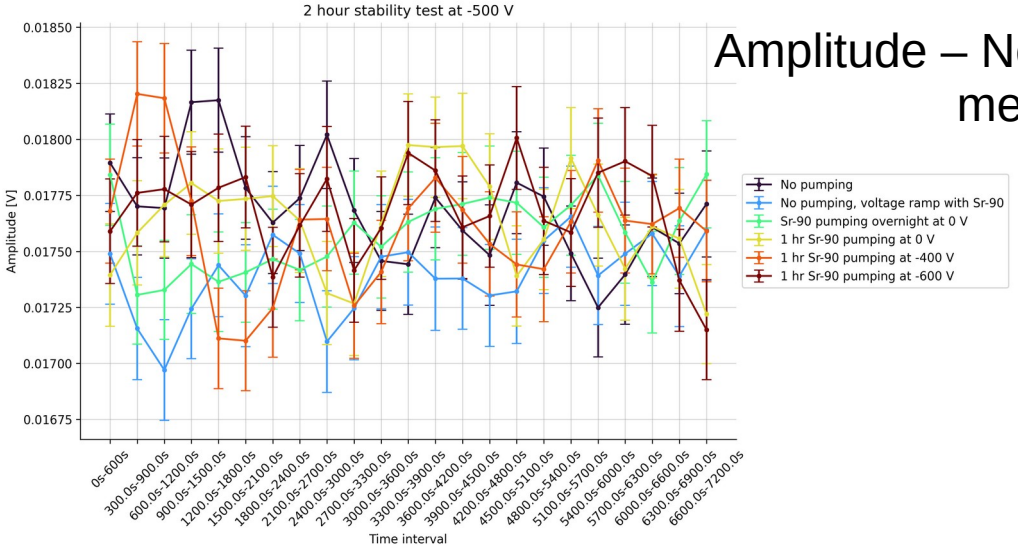


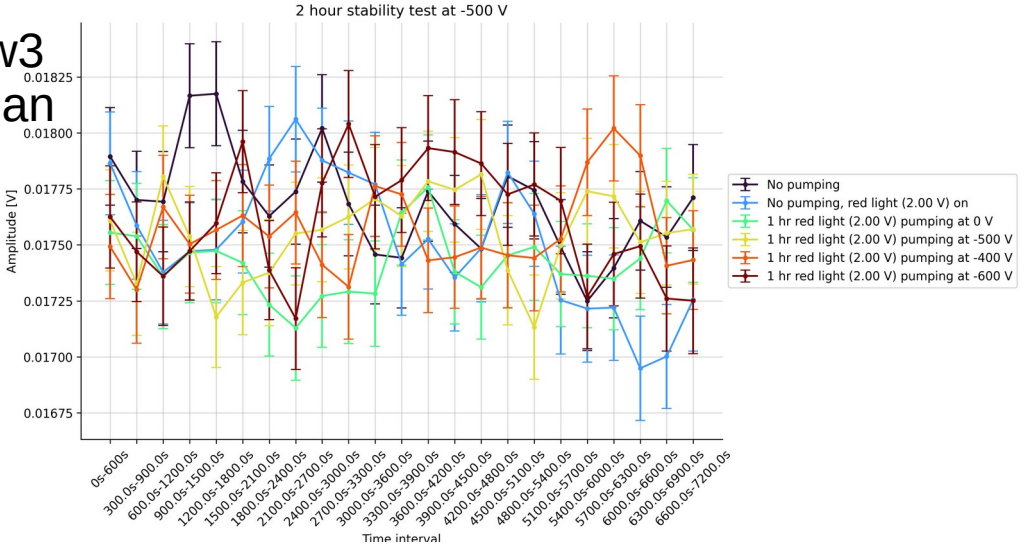


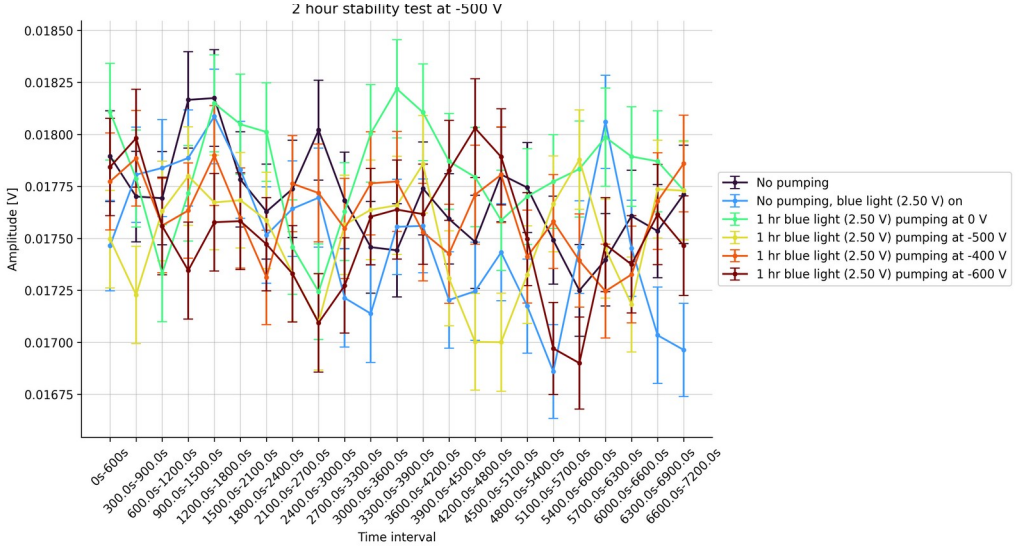


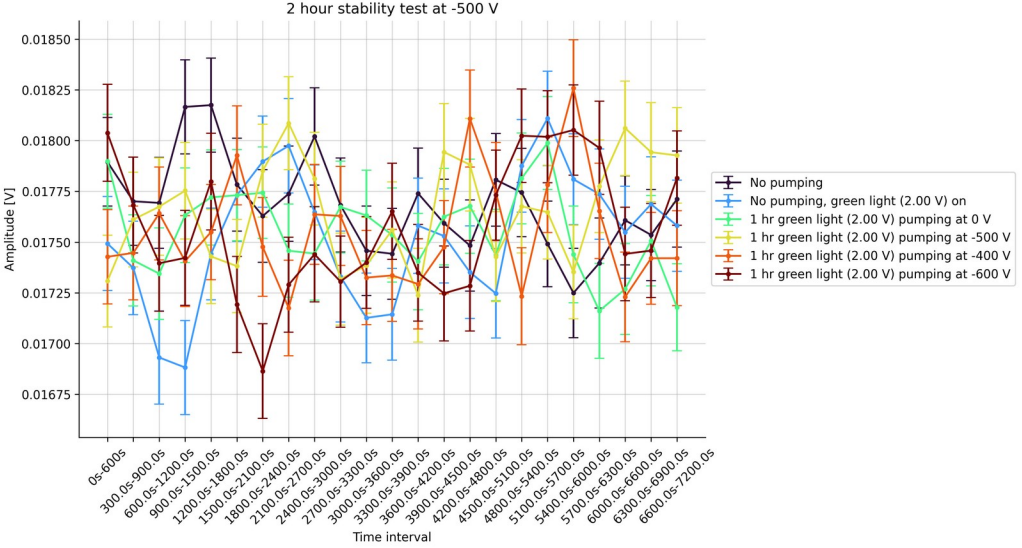


Amplitude – New3 median

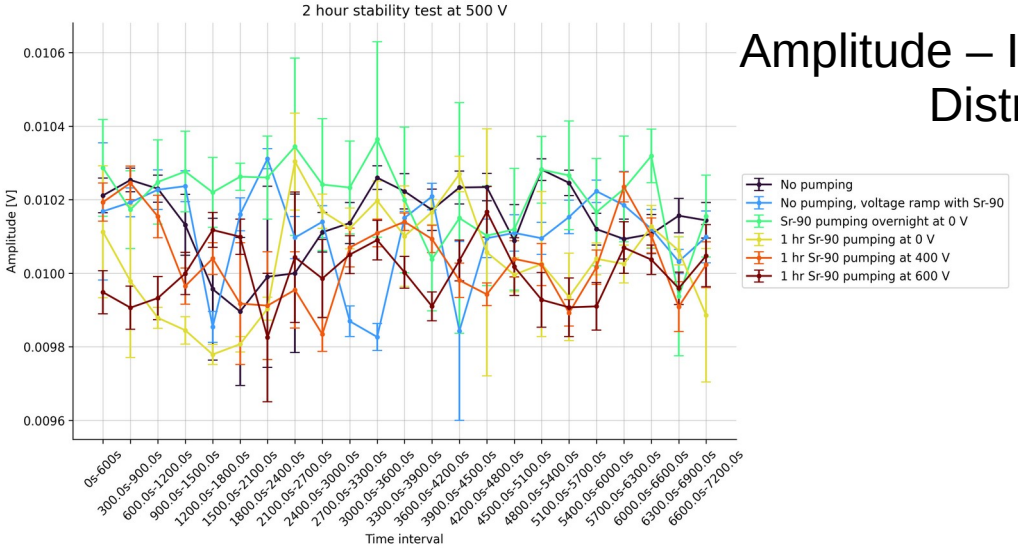


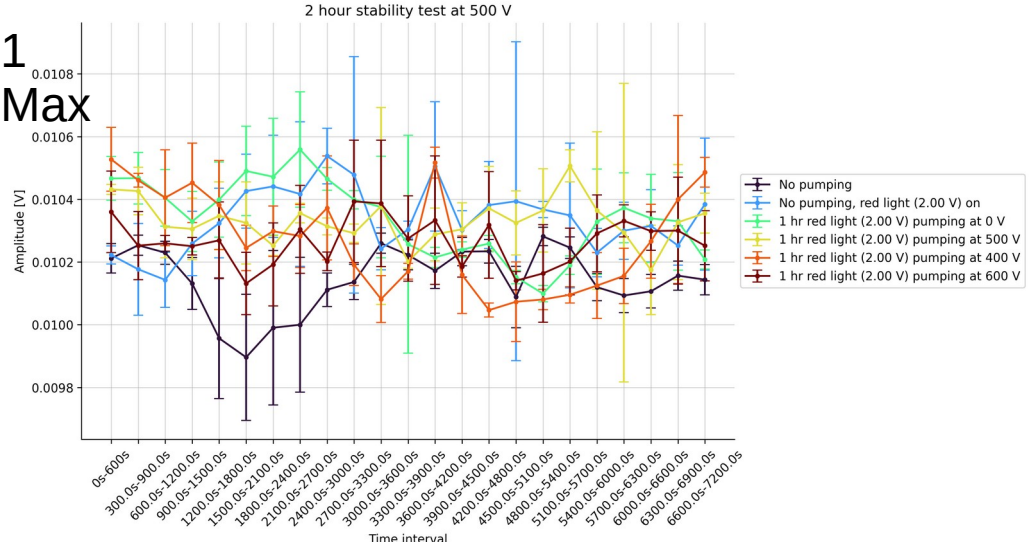


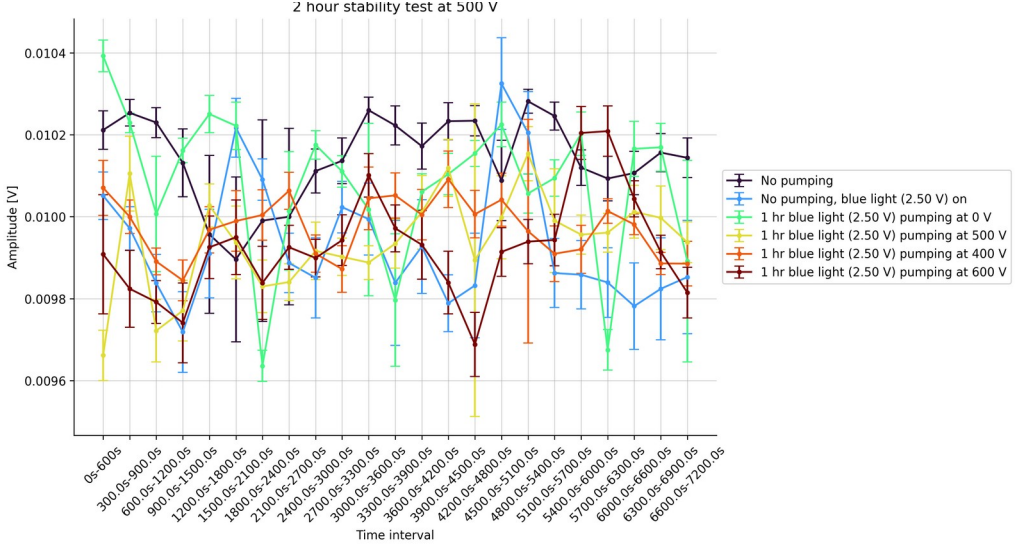


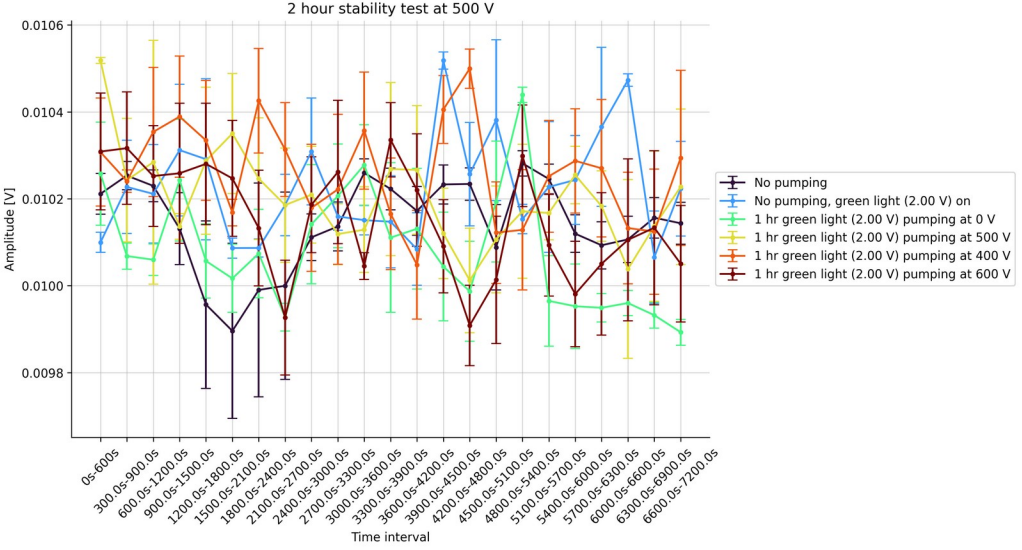


Amplitude – Irr1
Distr. Max

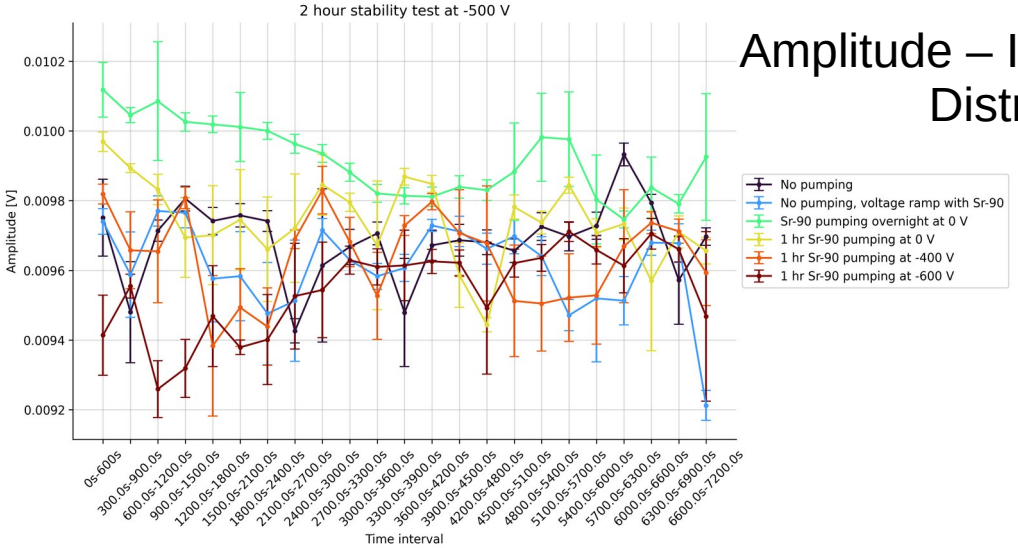


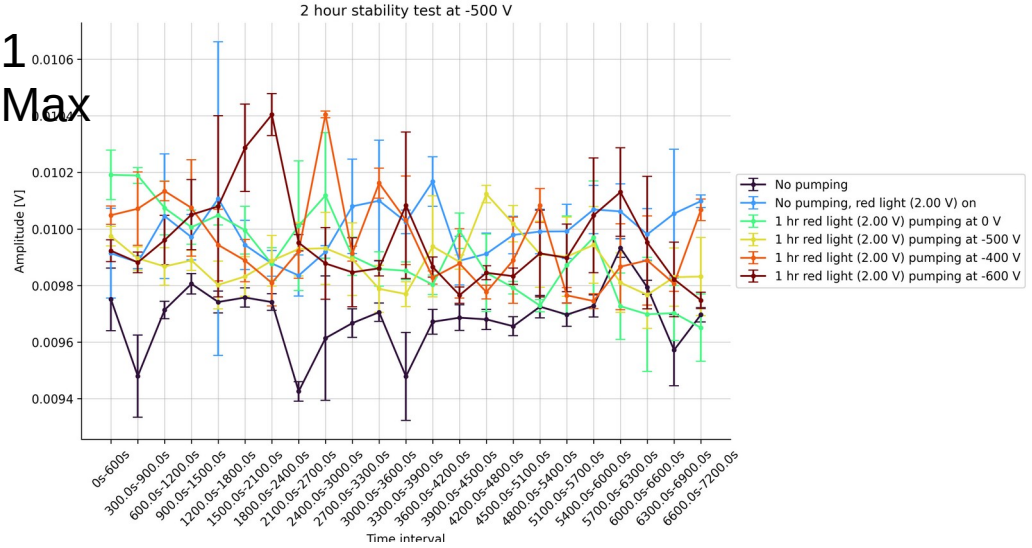


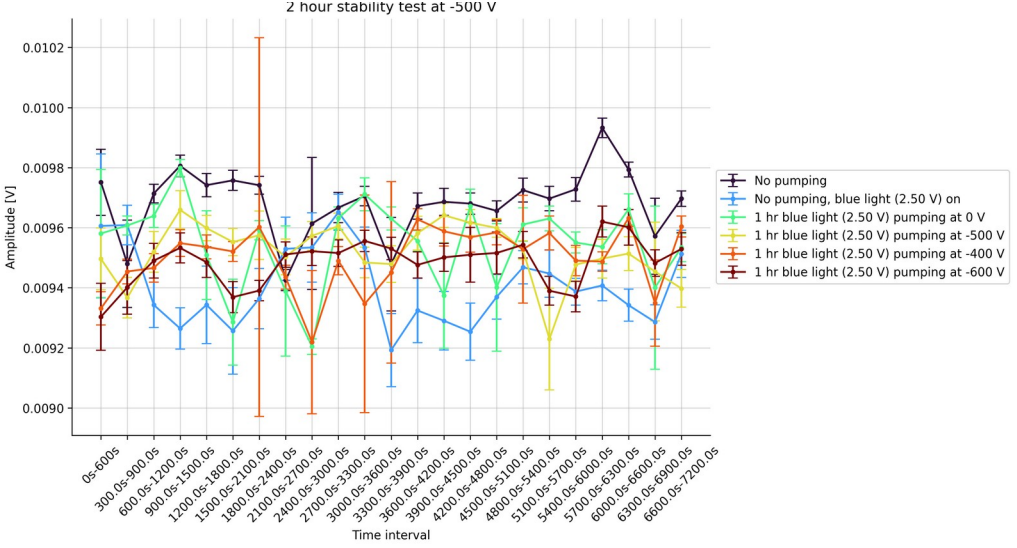


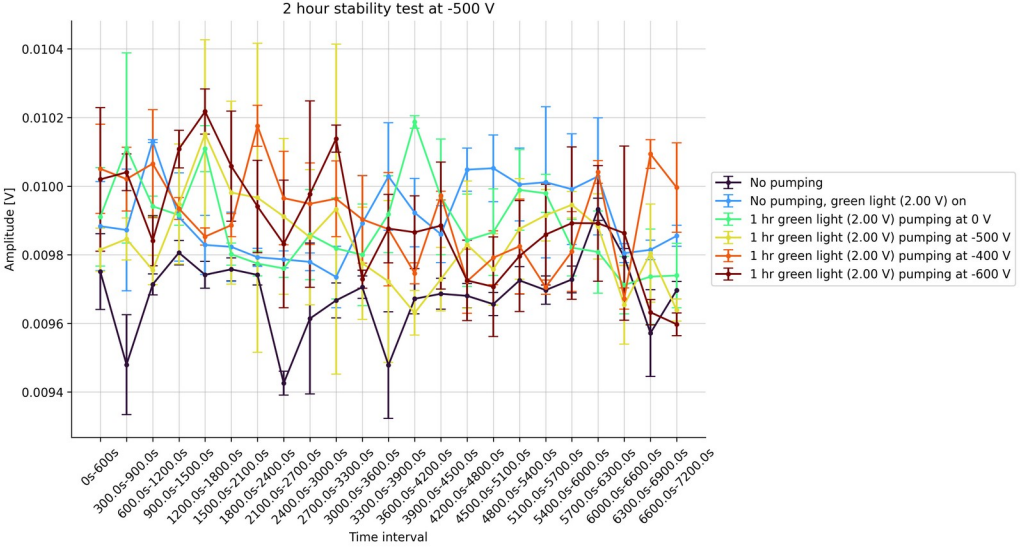


Amplitude – Irr1
Distr. Max

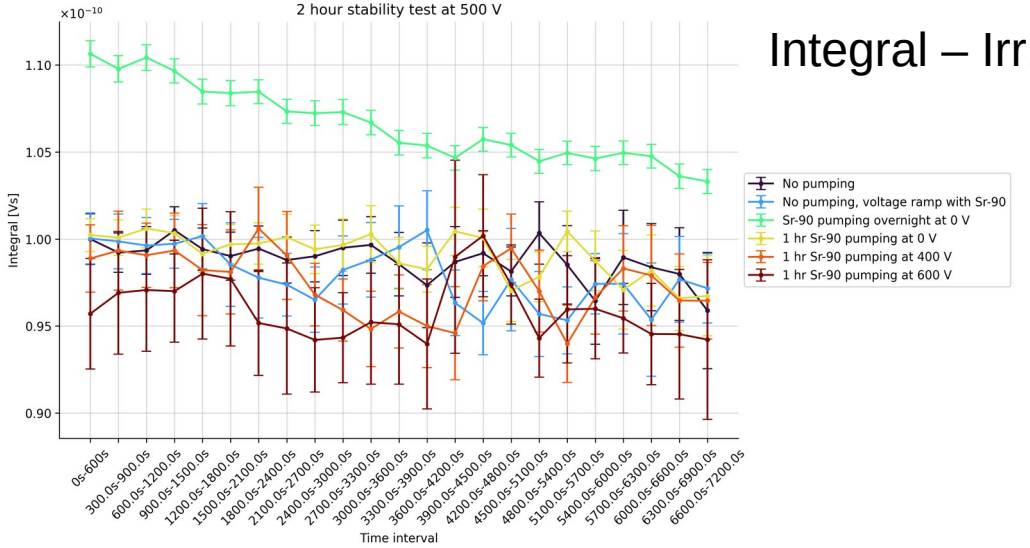


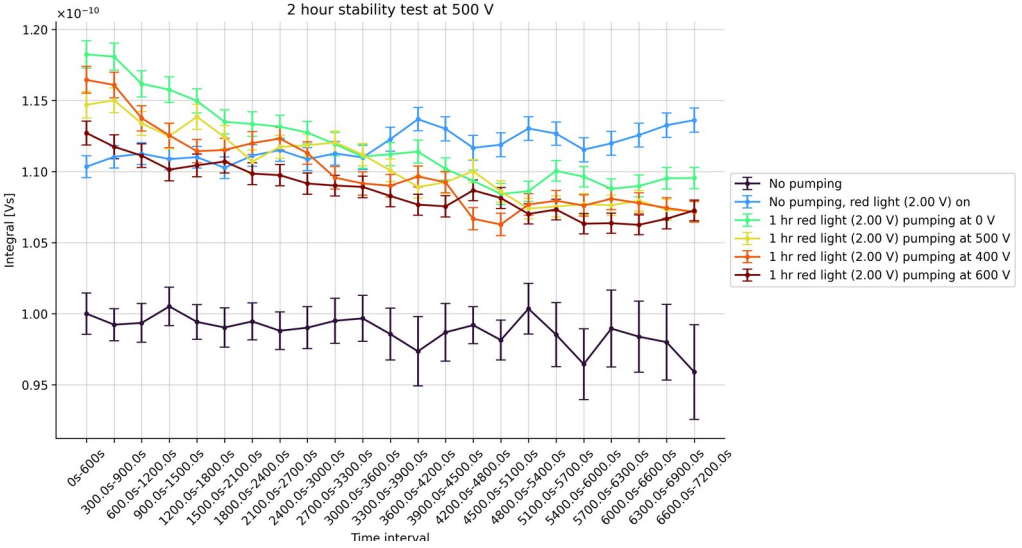


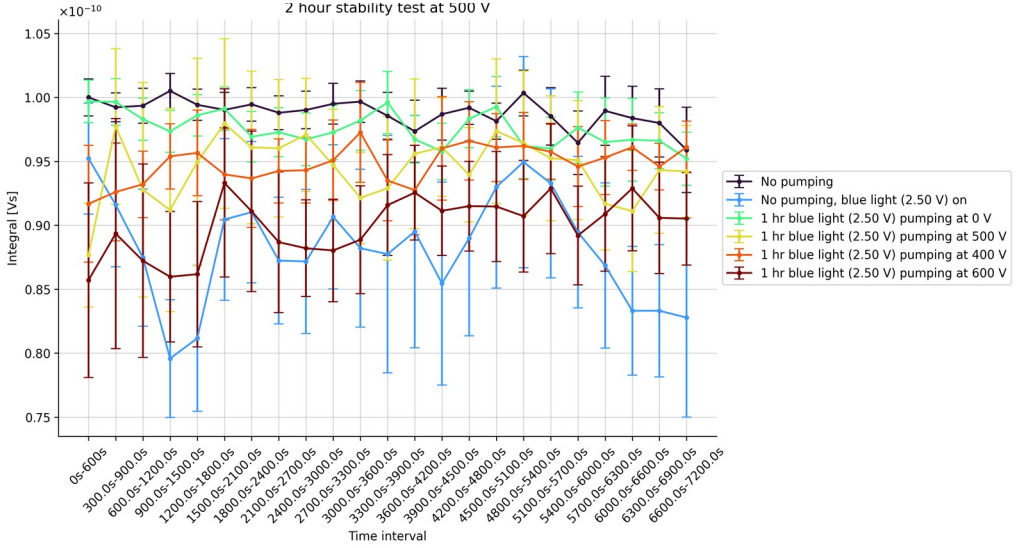


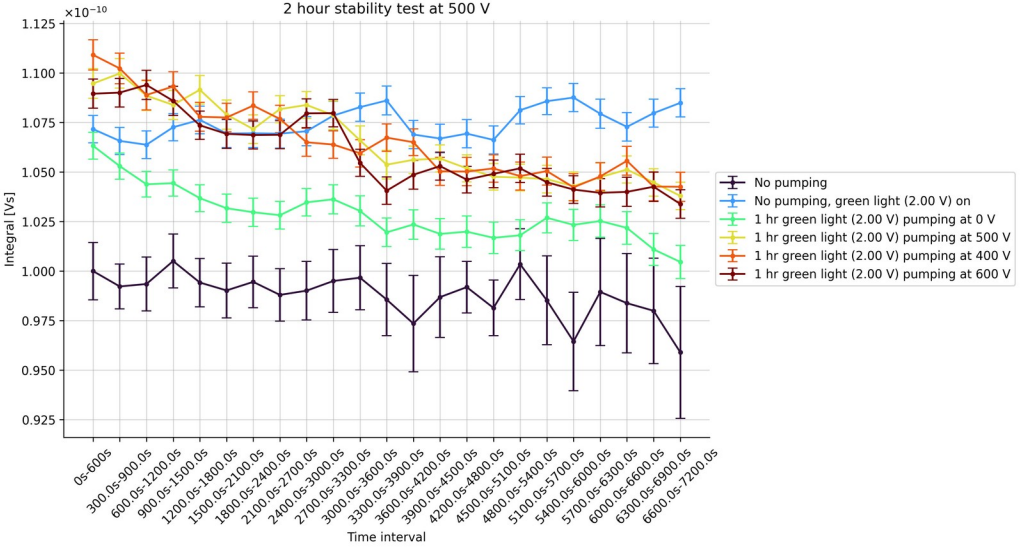


Integral – Irr1

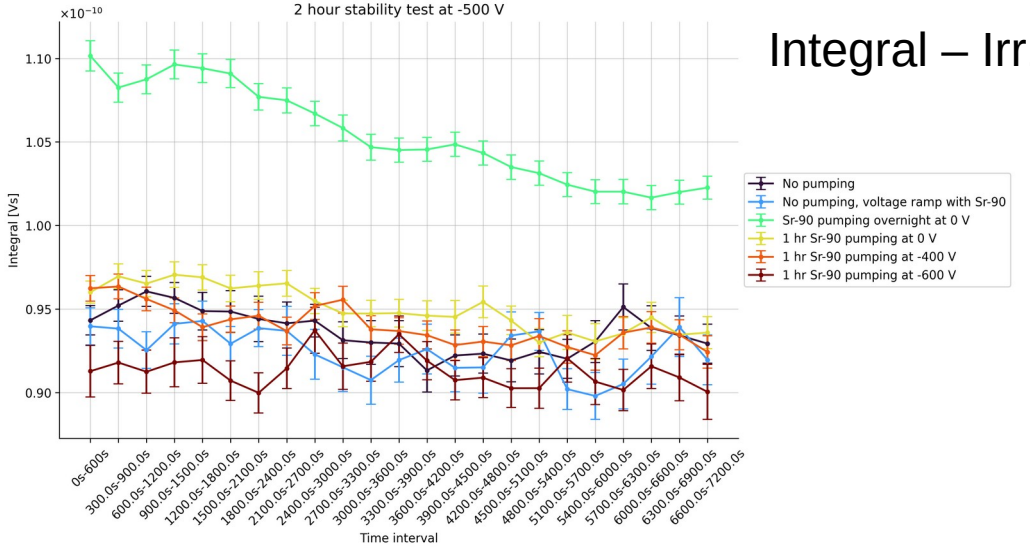


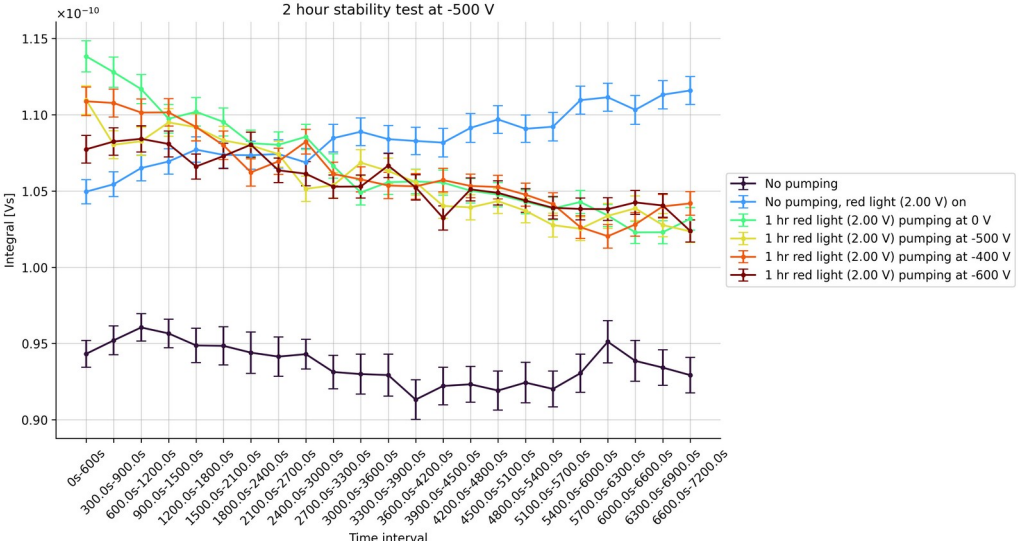


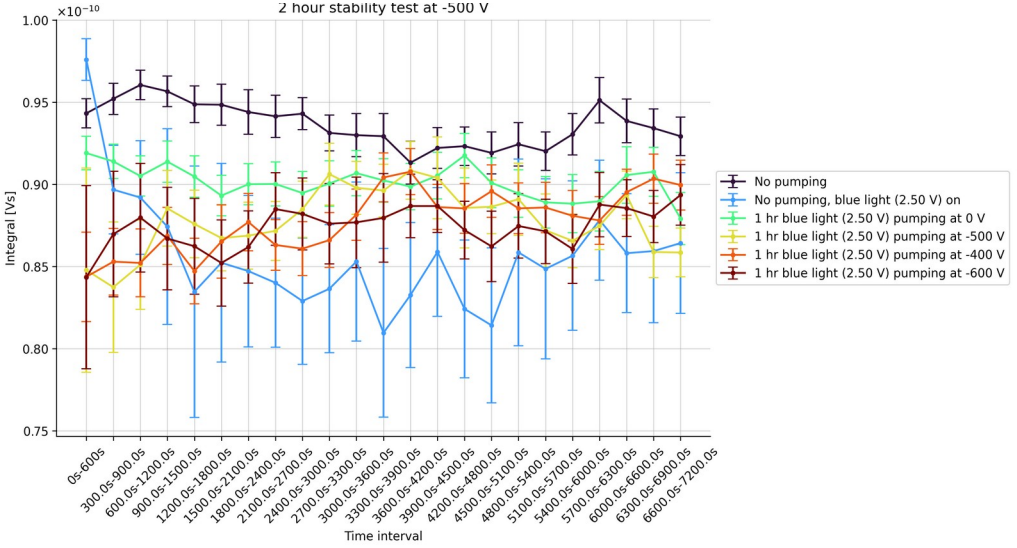


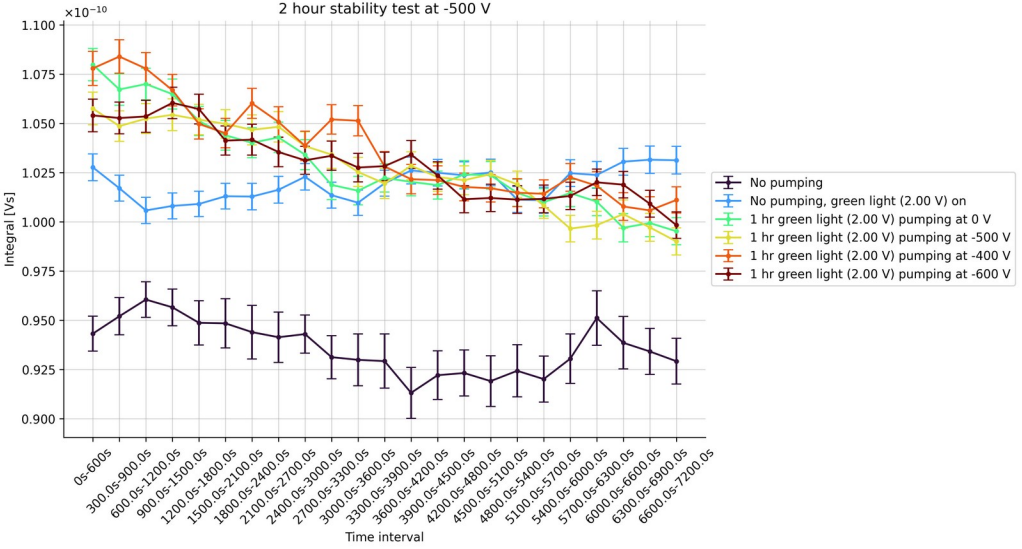


Integral – Irr1

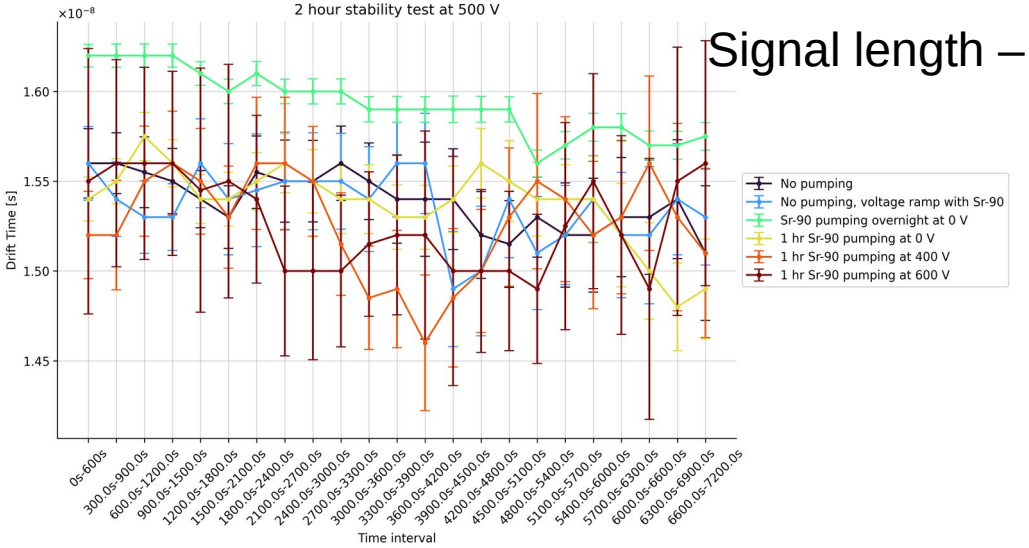


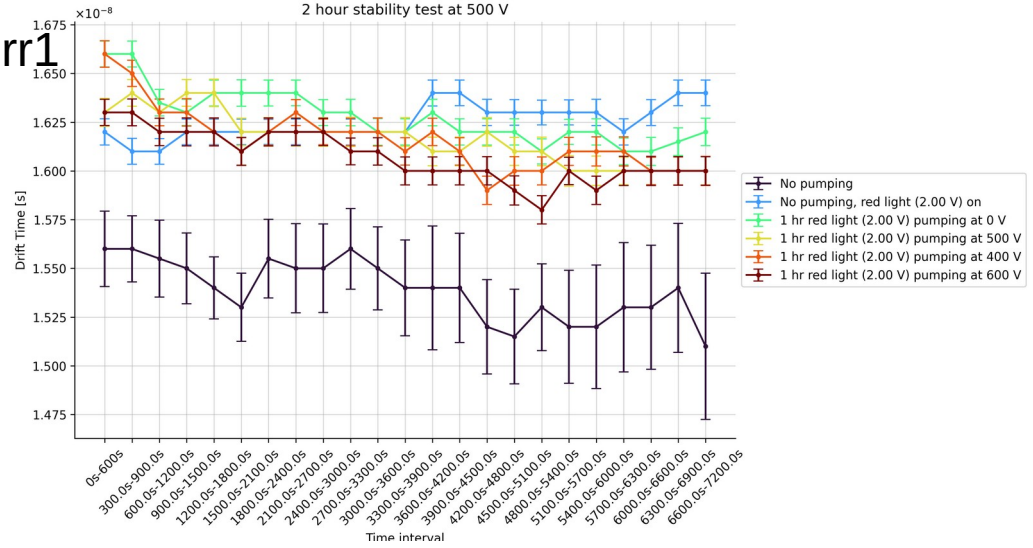


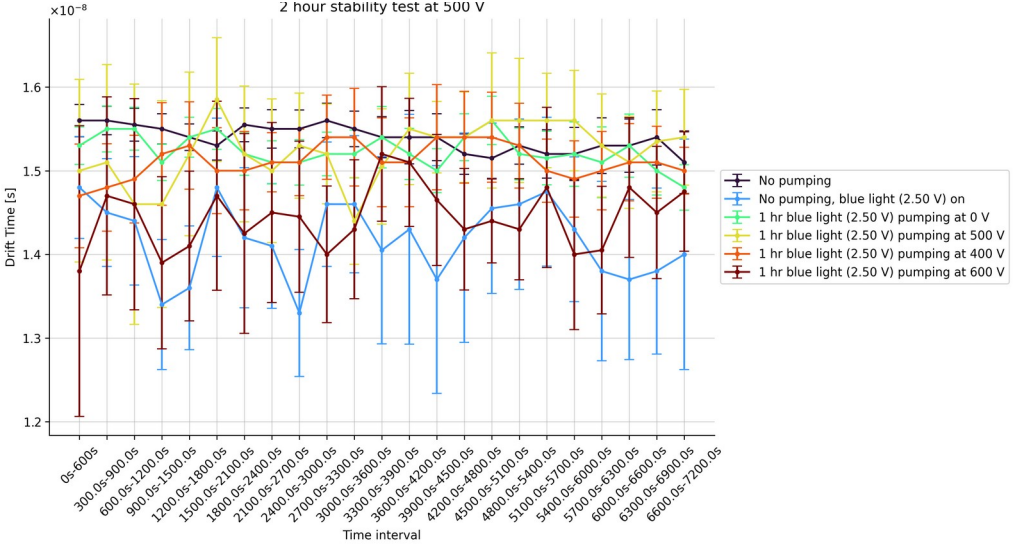


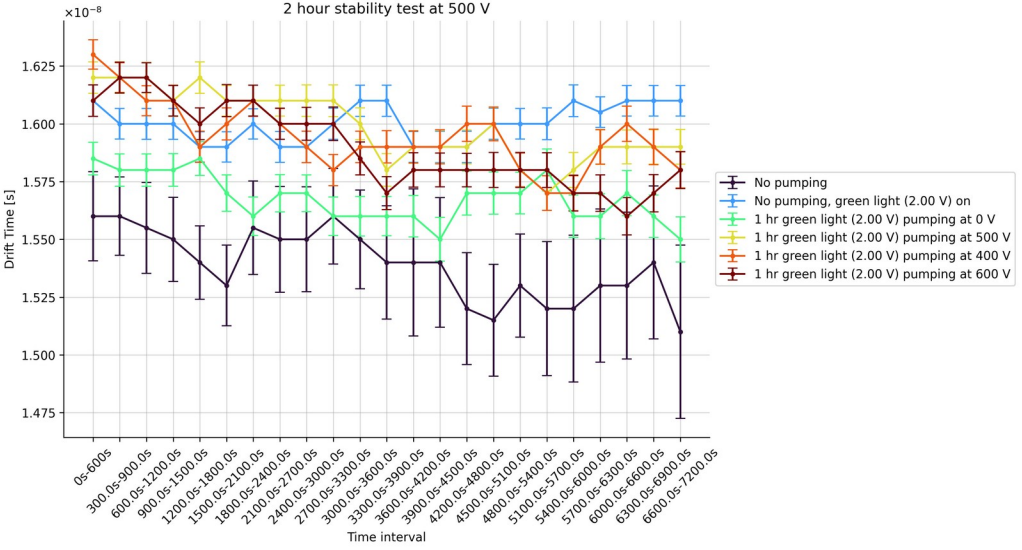


Signal length – Irr1

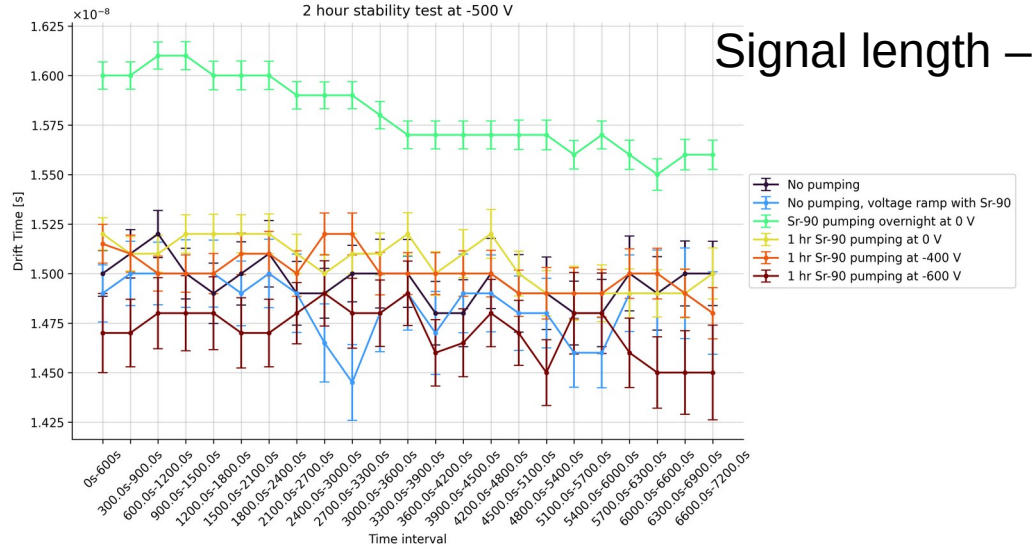


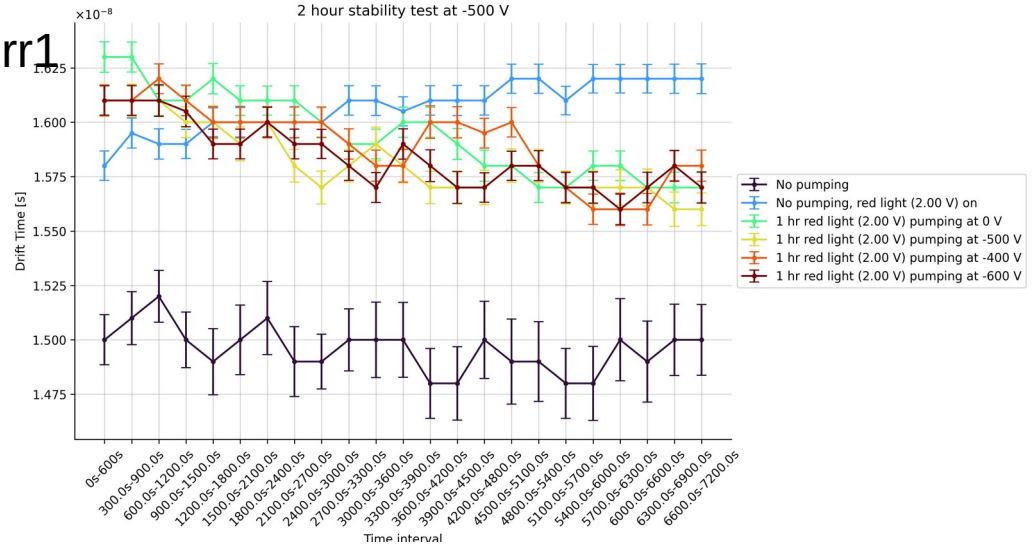


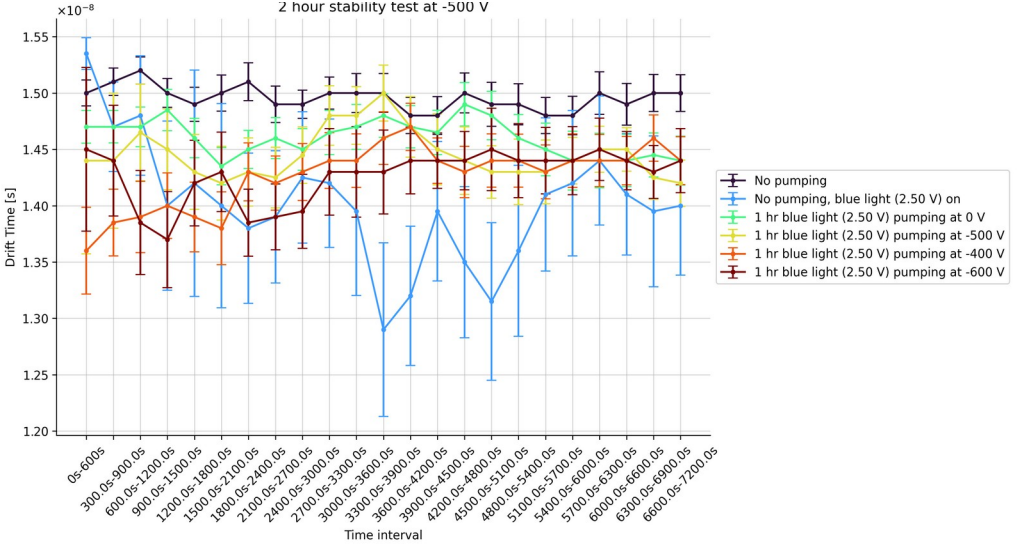


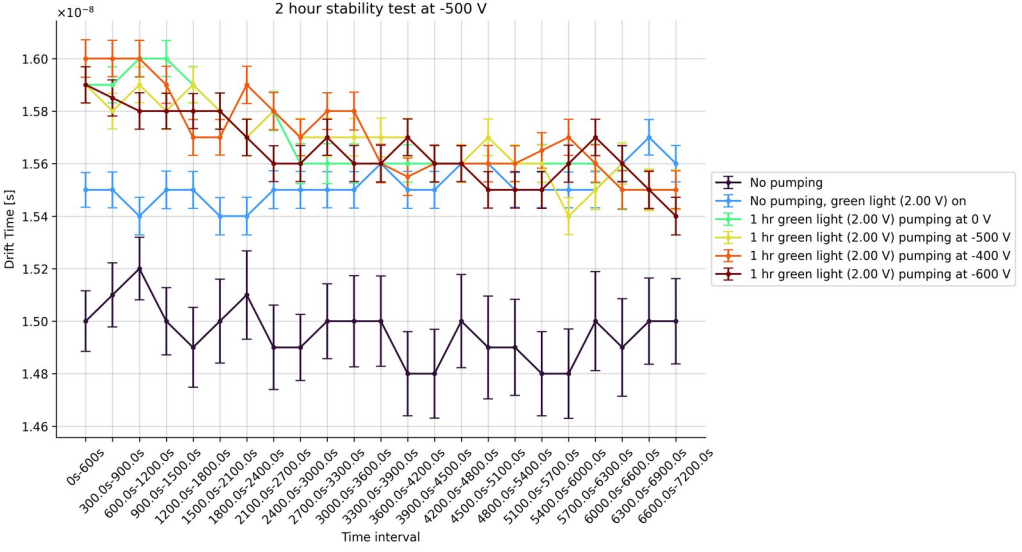


Signal length – Irr1

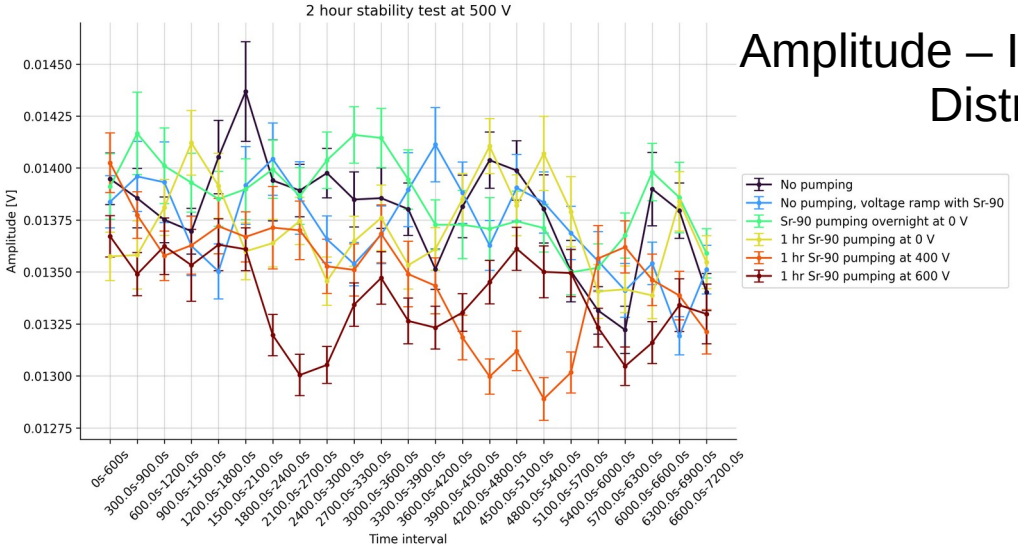


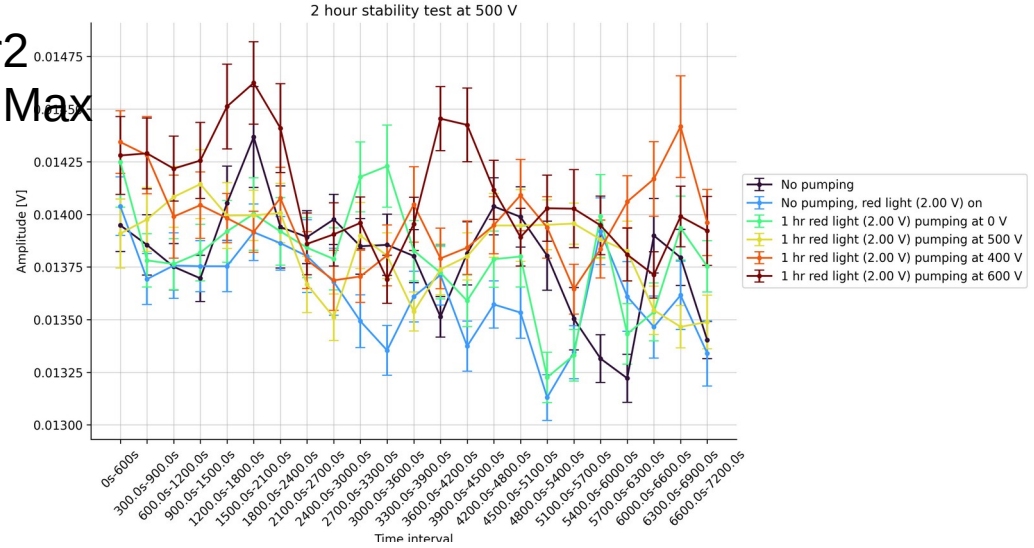


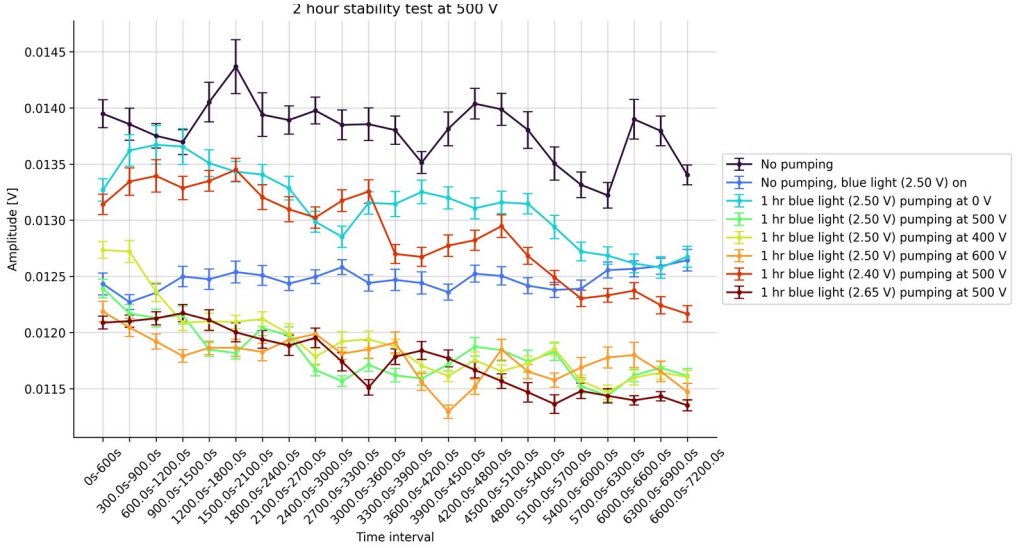


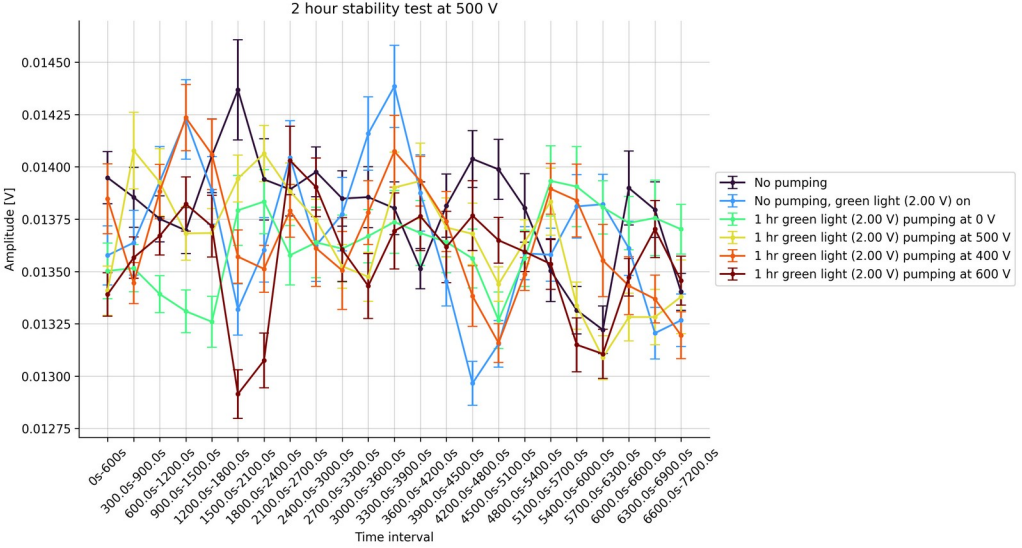


Amplitude – Irr2 Distr. Max

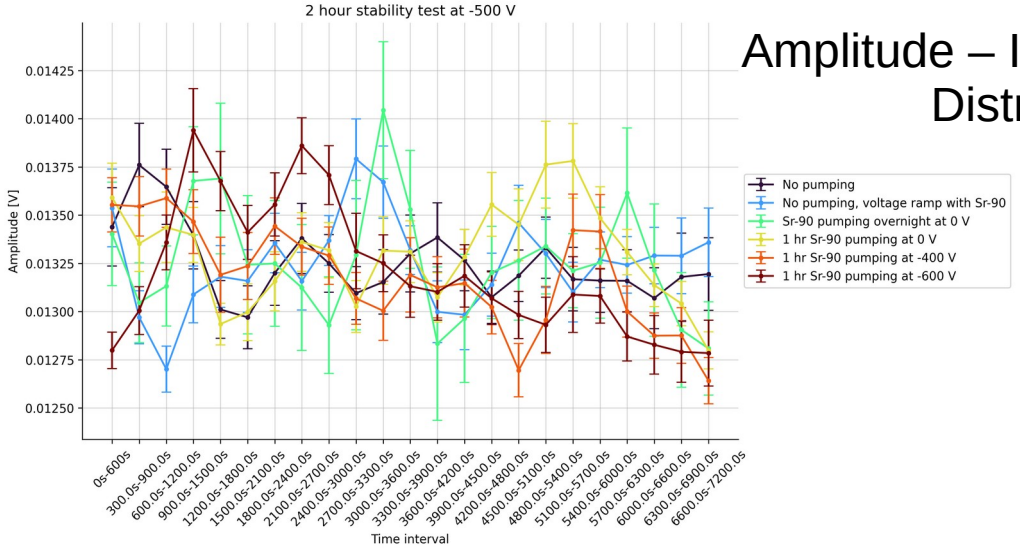


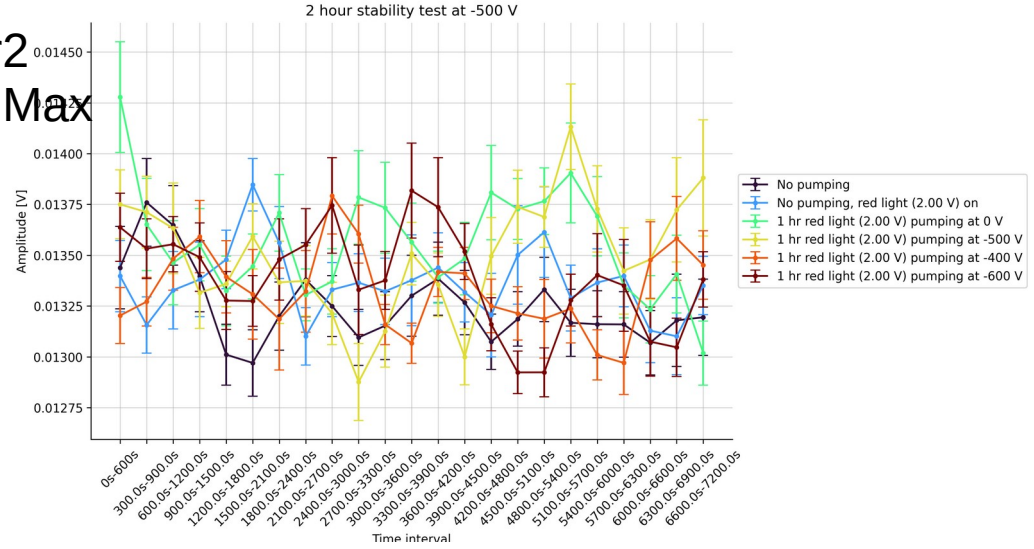


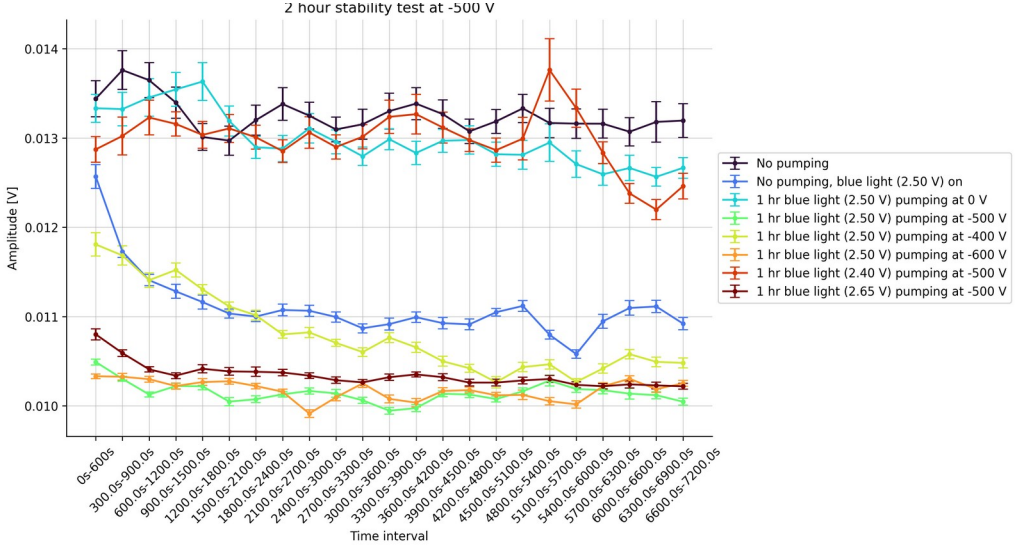


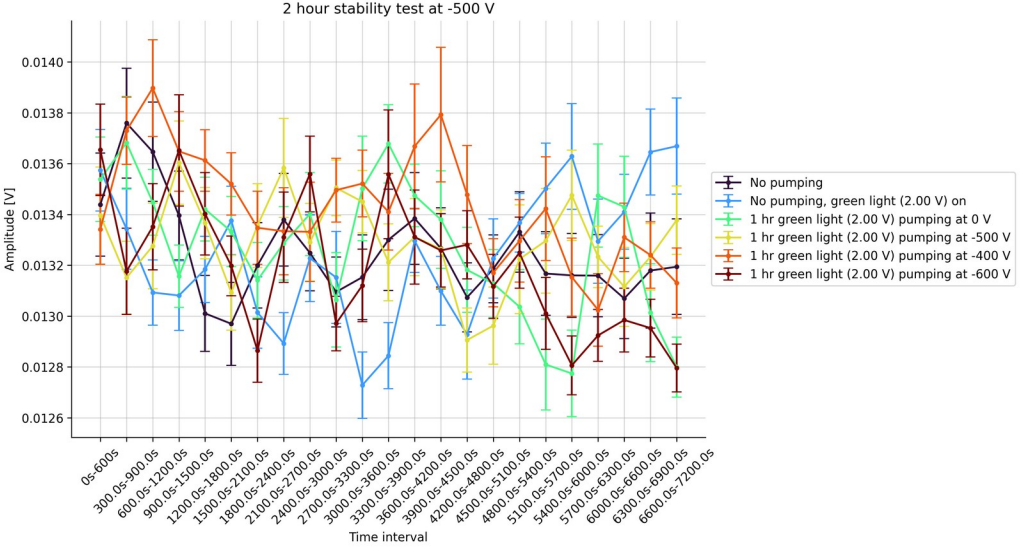


Amplitude – Irr2 Distr. Max

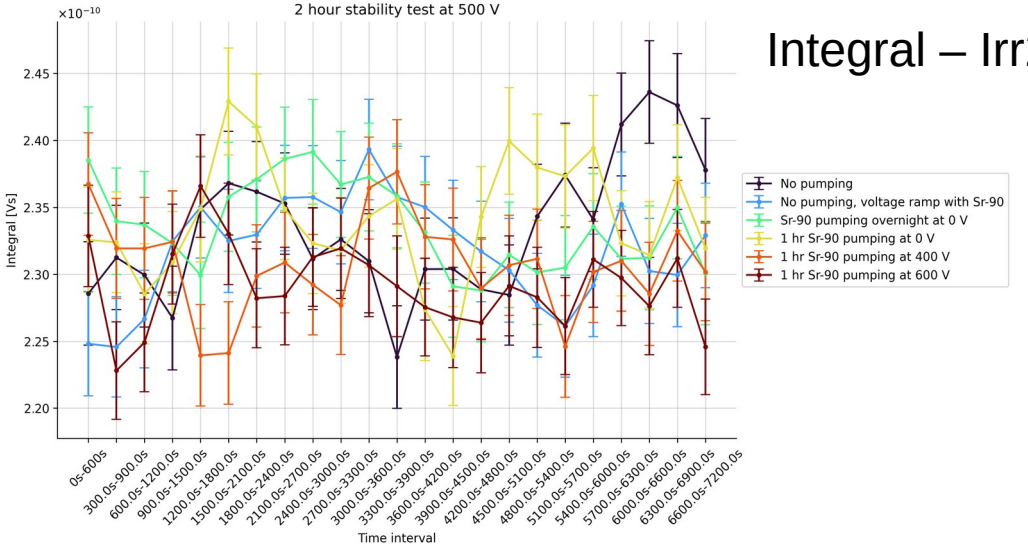


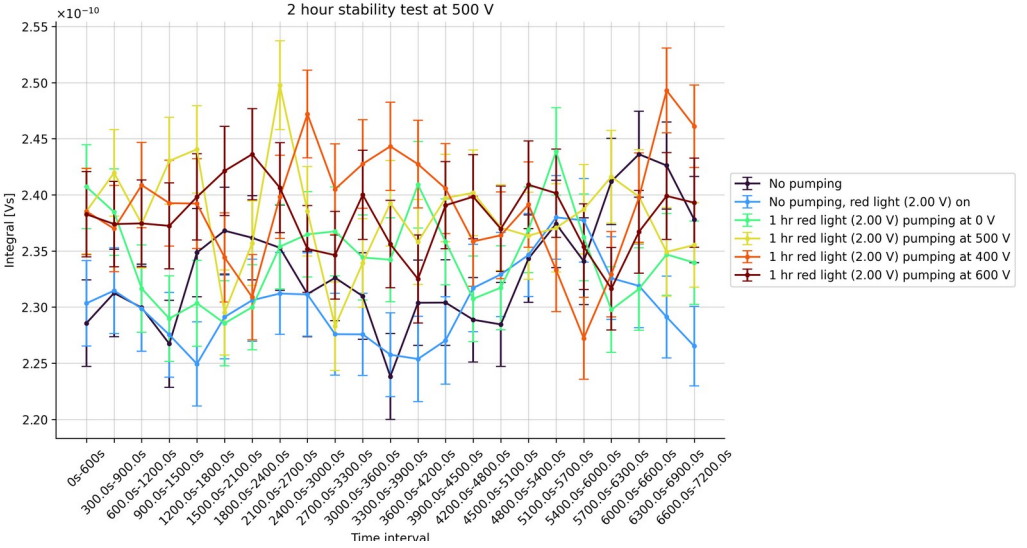


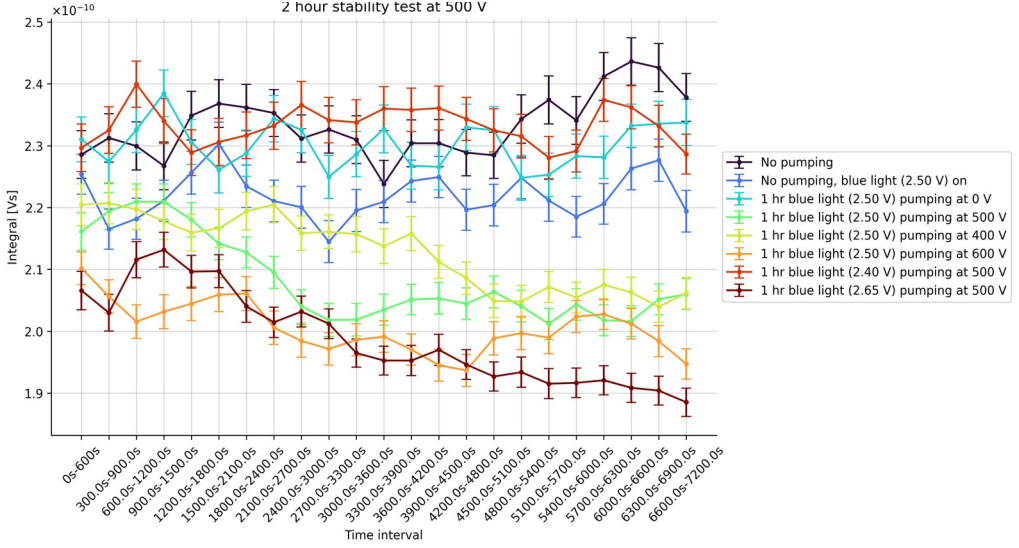


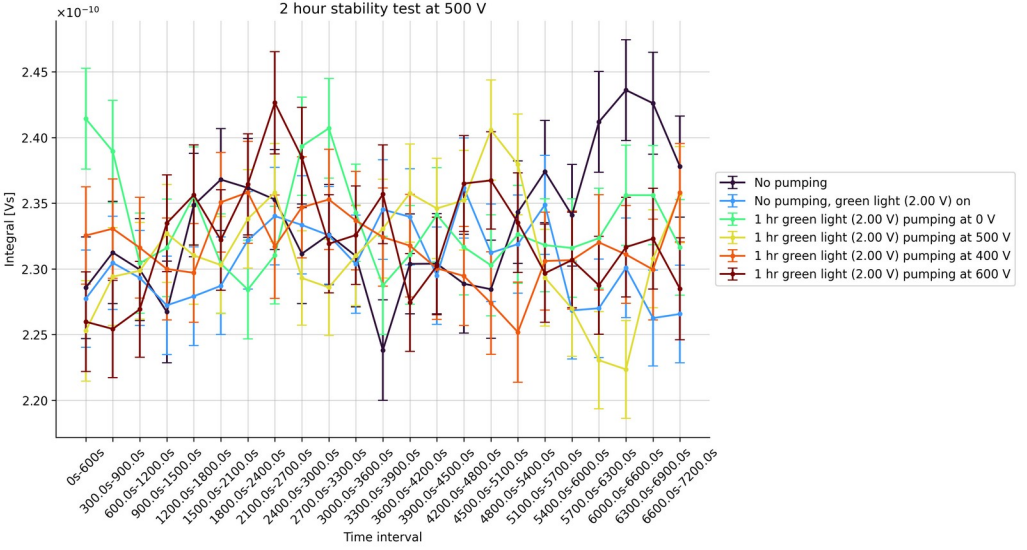


Integral – Irr2

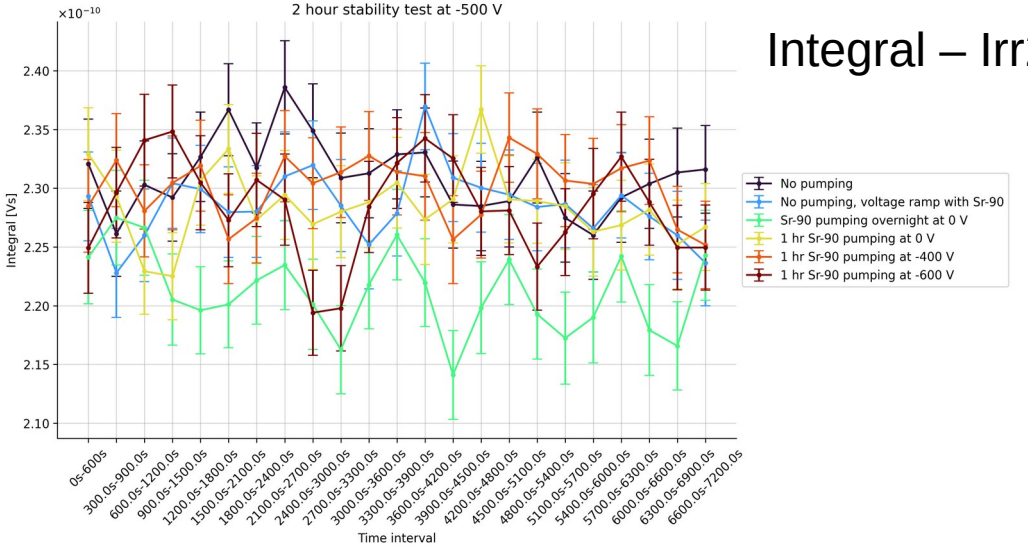


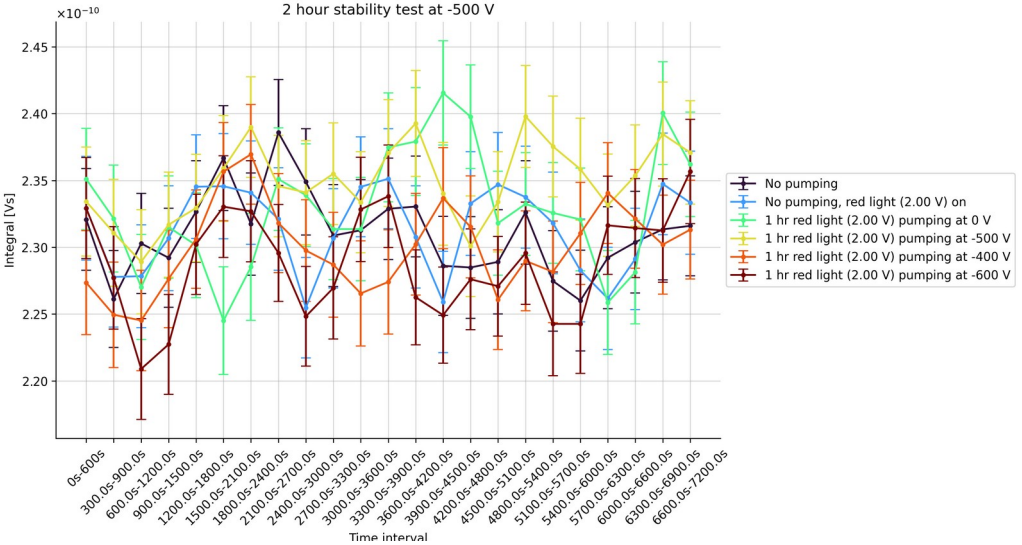


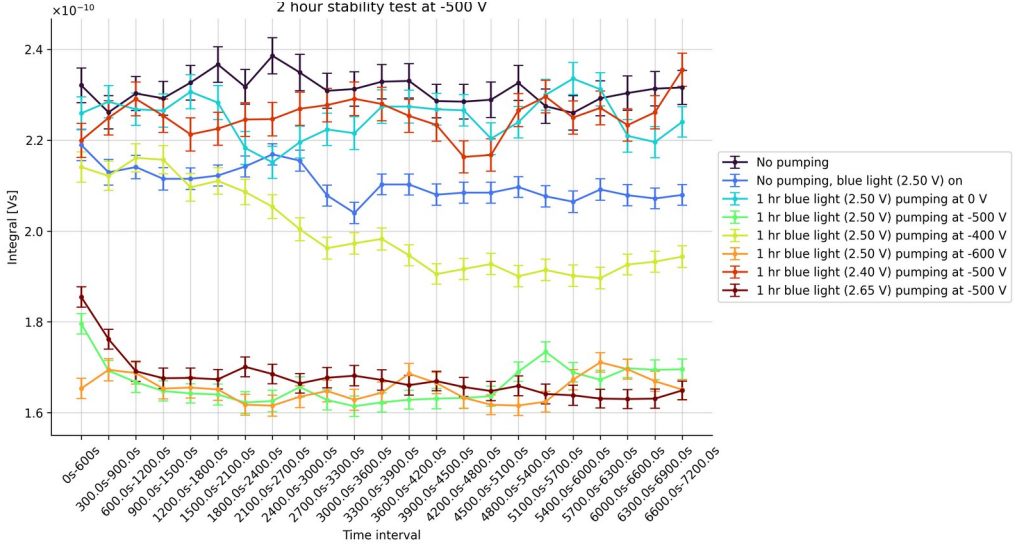


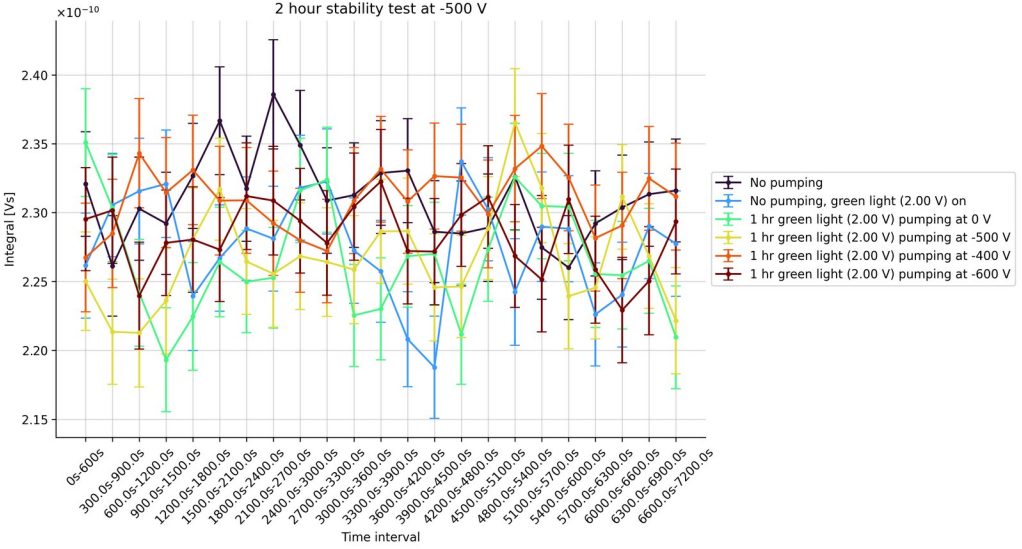


Integral – Irr2

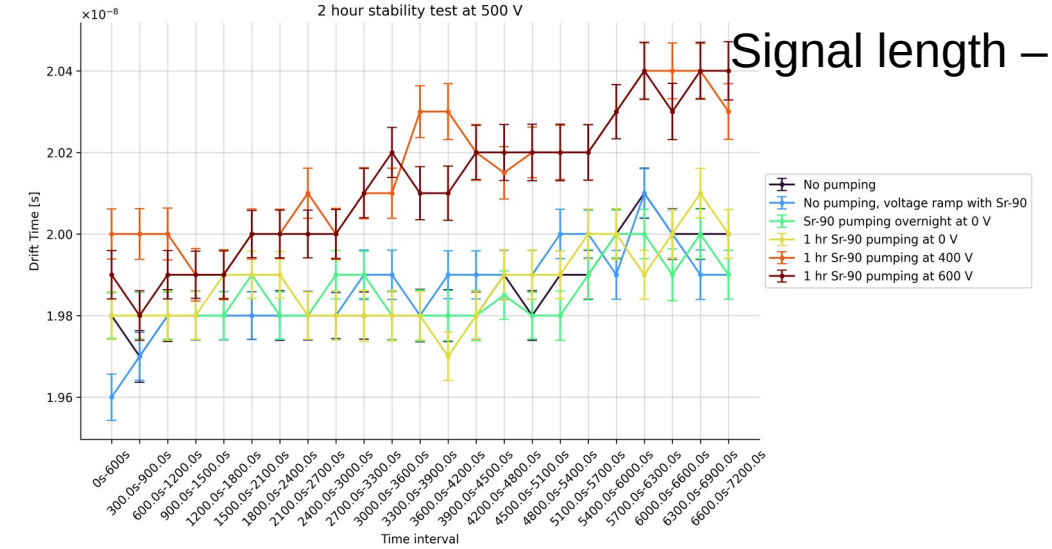


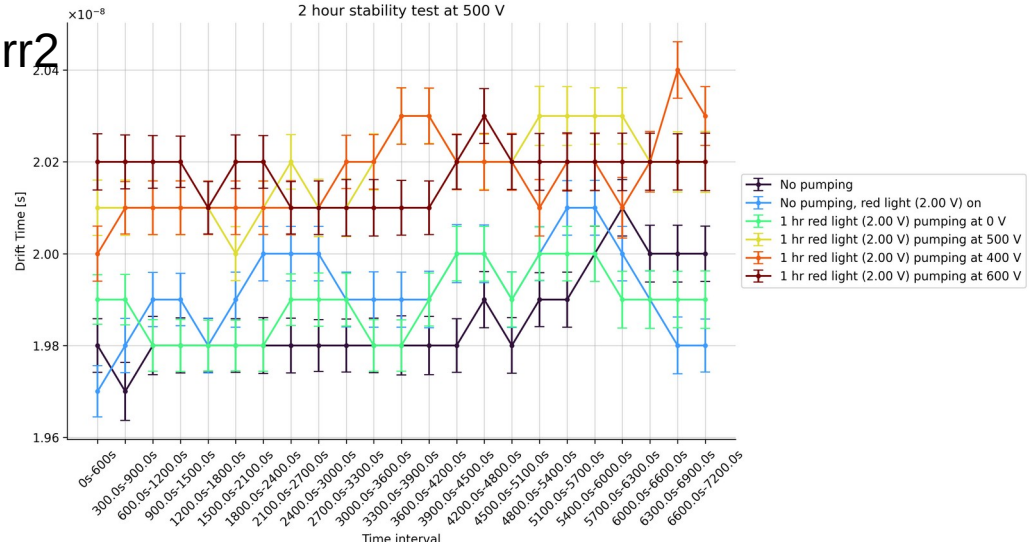


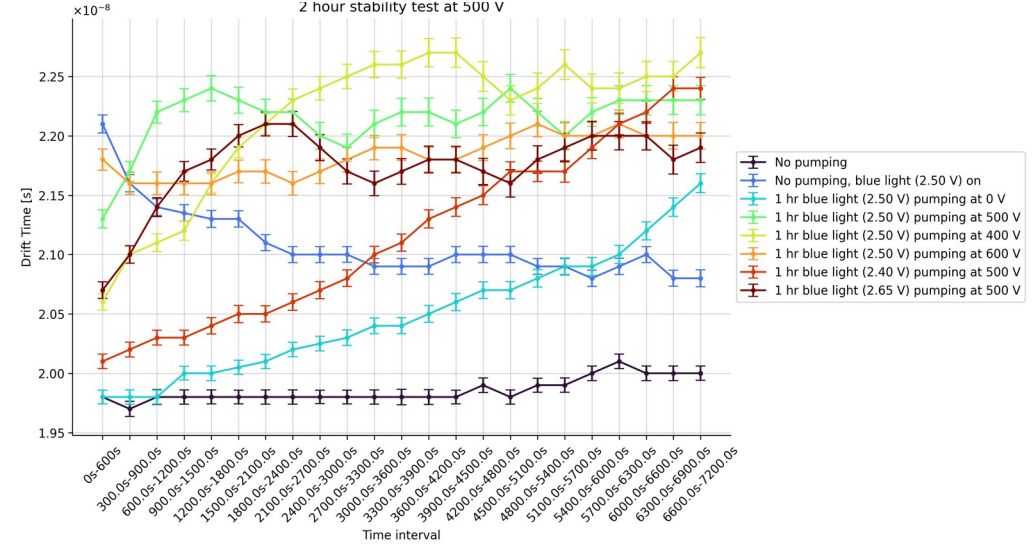


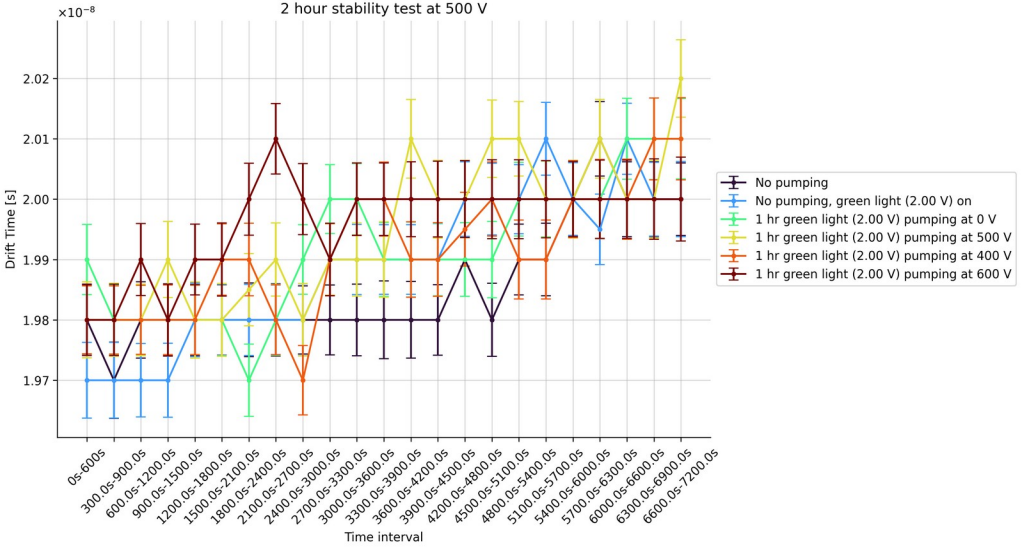


Signal length – Irr2

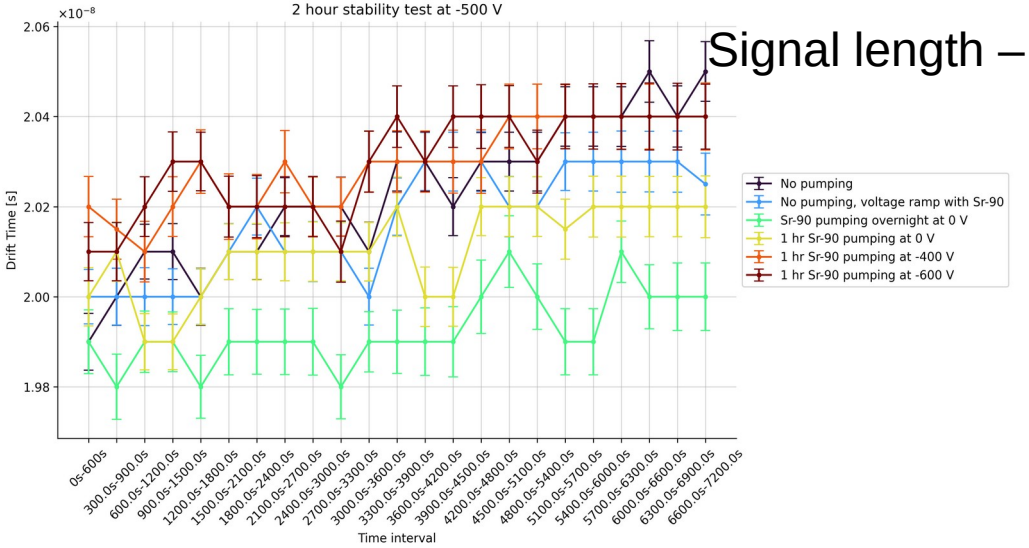


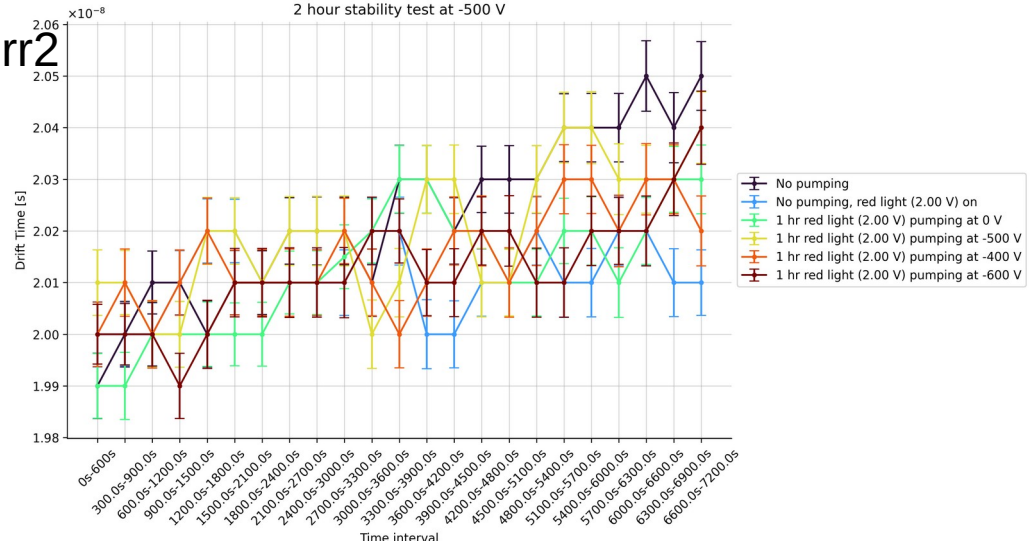


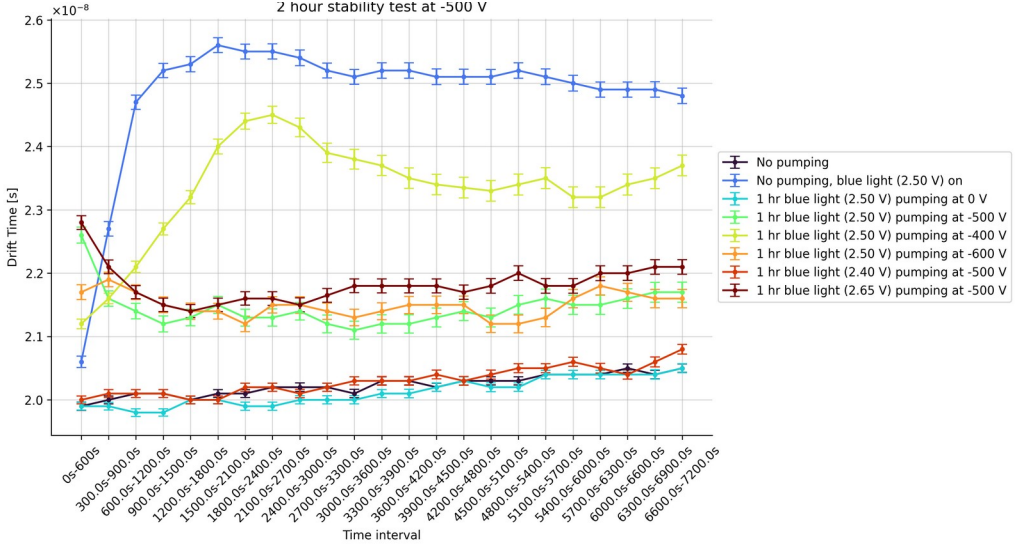


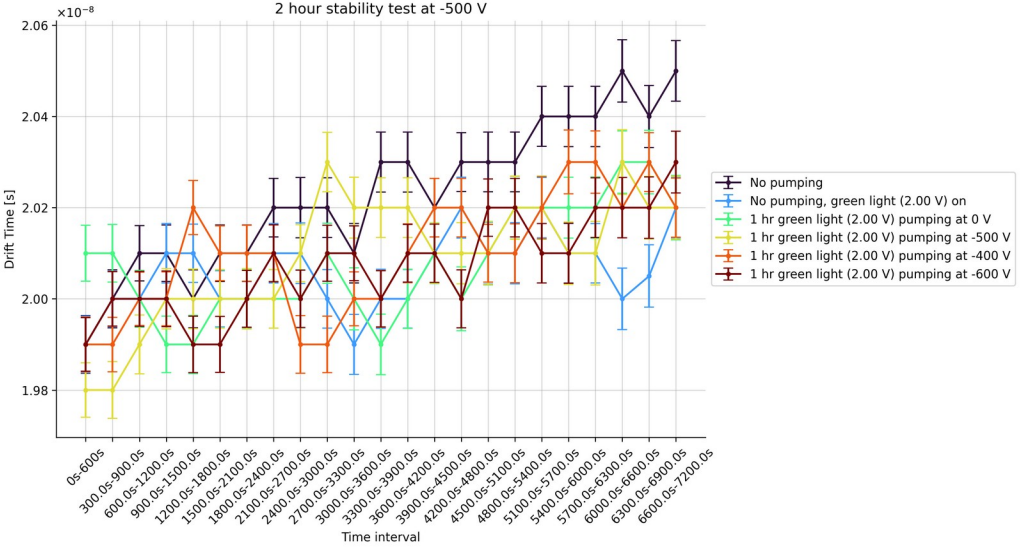


Signal length – Irr2

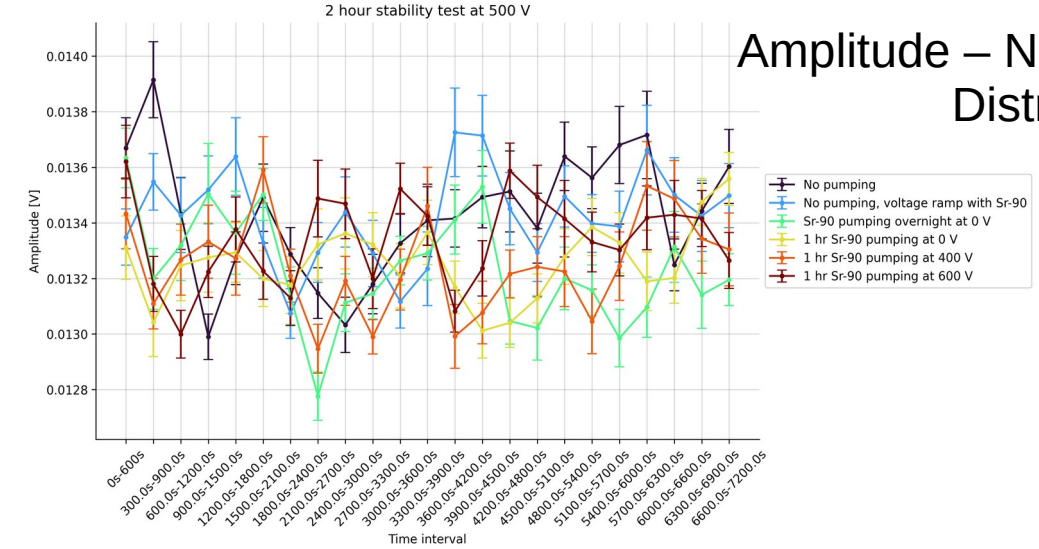


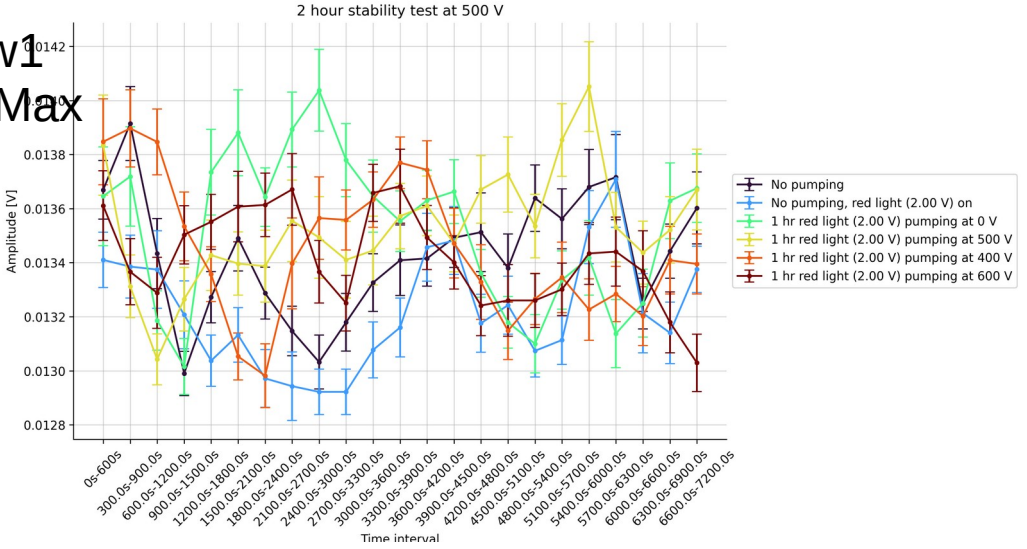


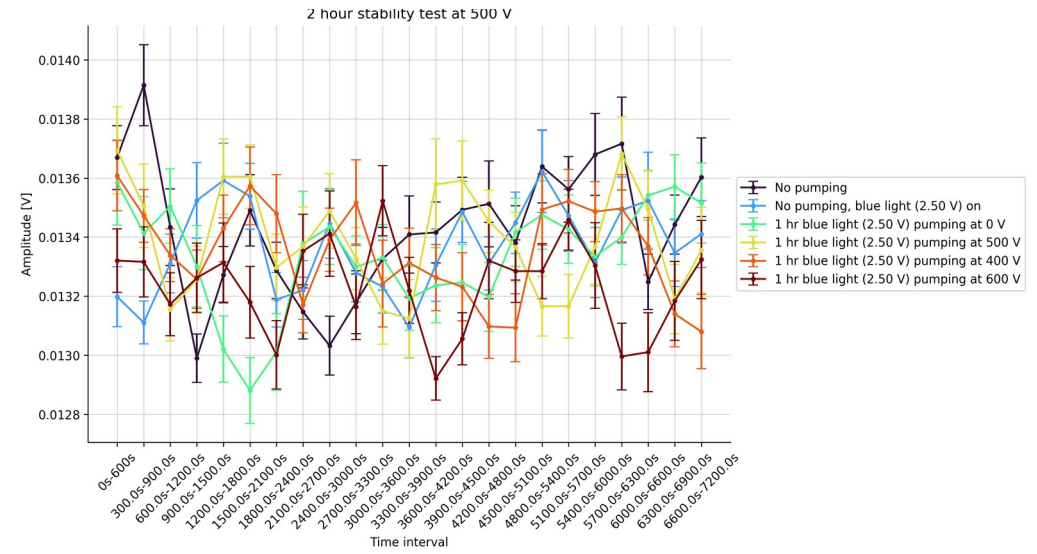


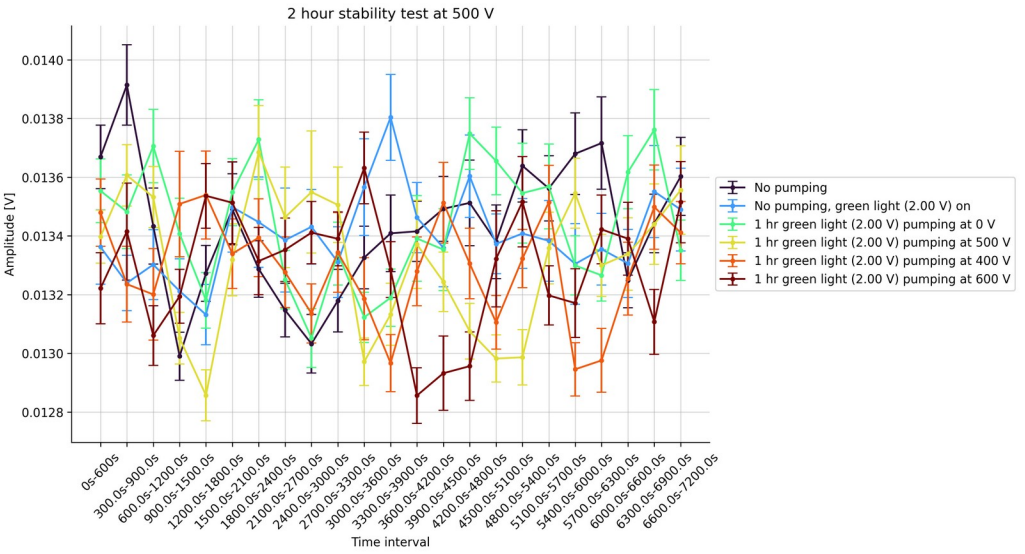


Amplitude – New1
Distr. Max

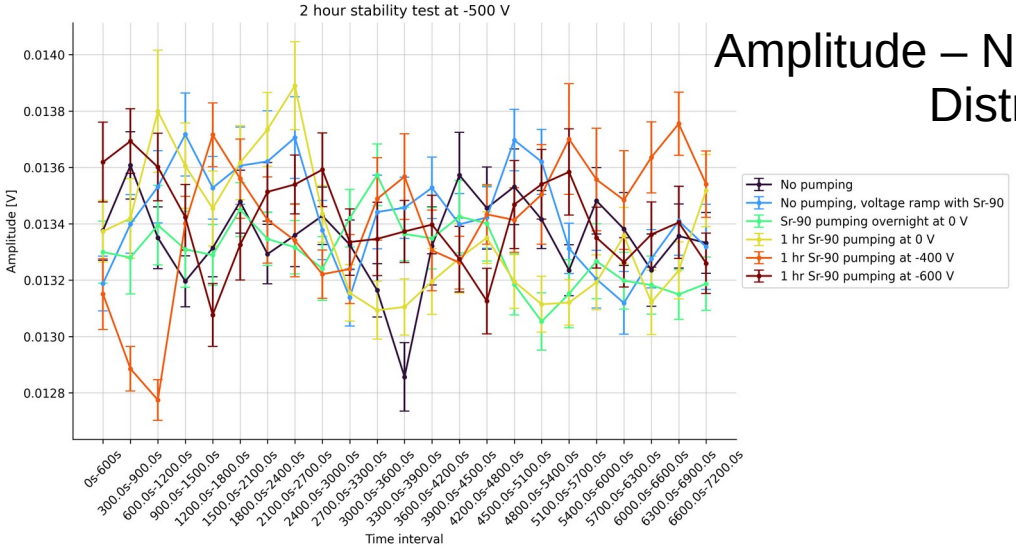


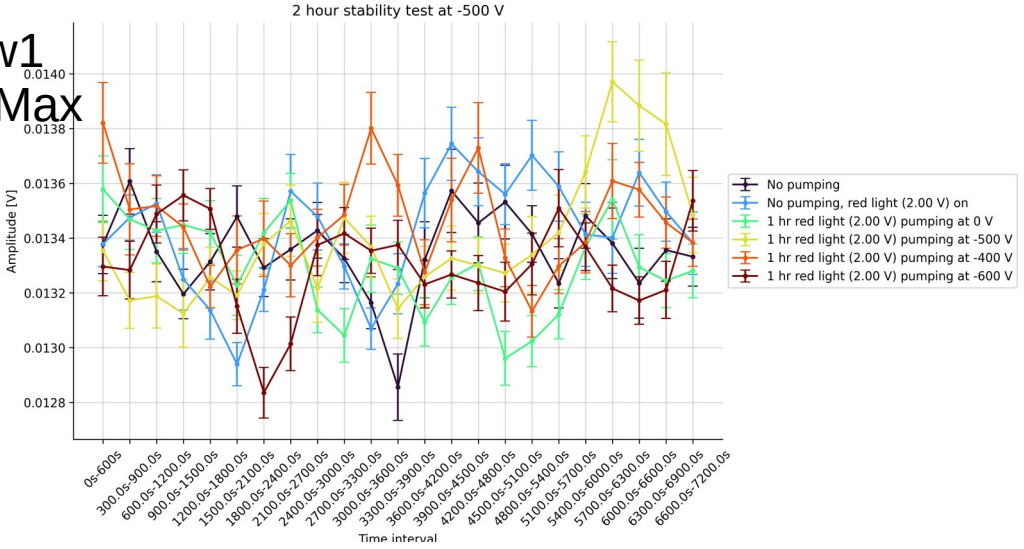


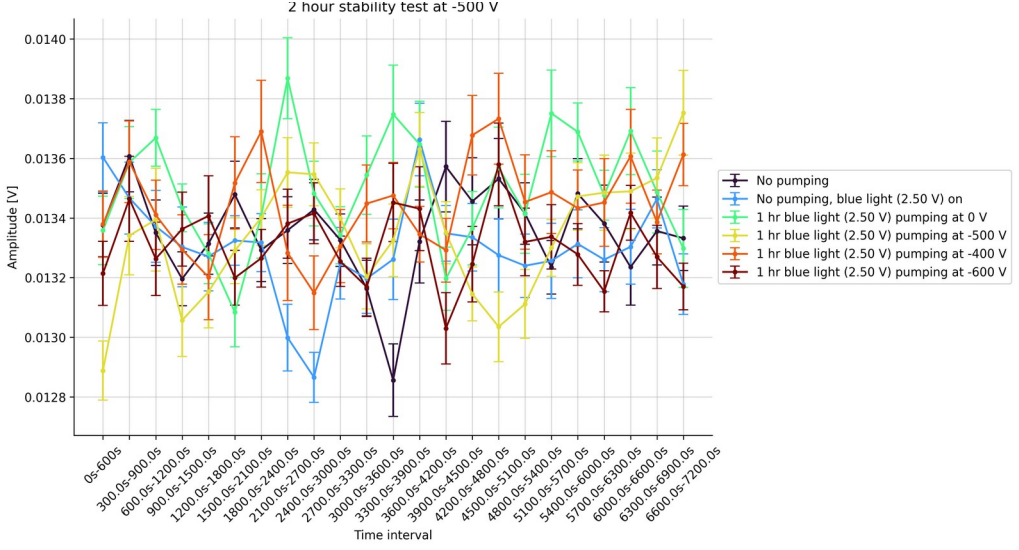


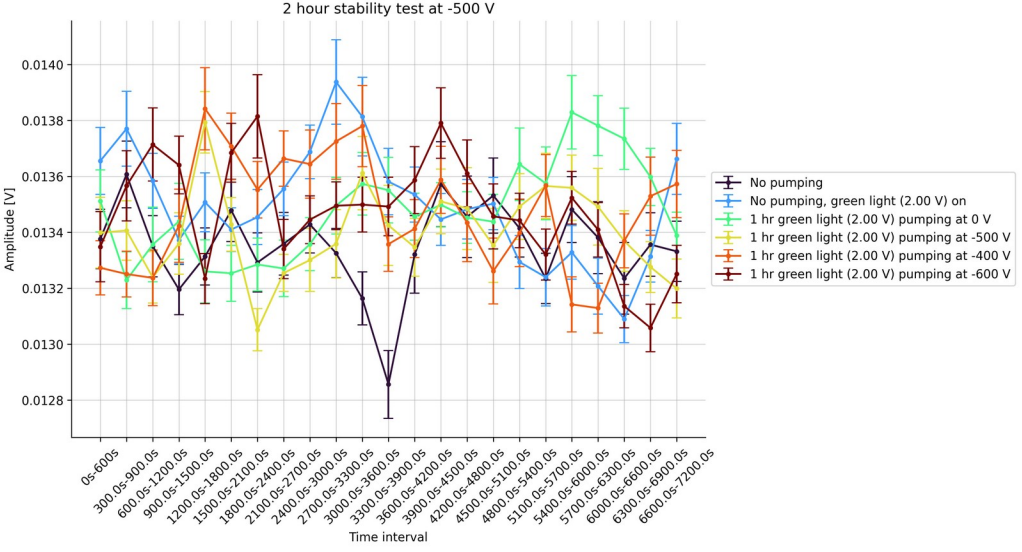


Amplitude – New1
Distr. Max

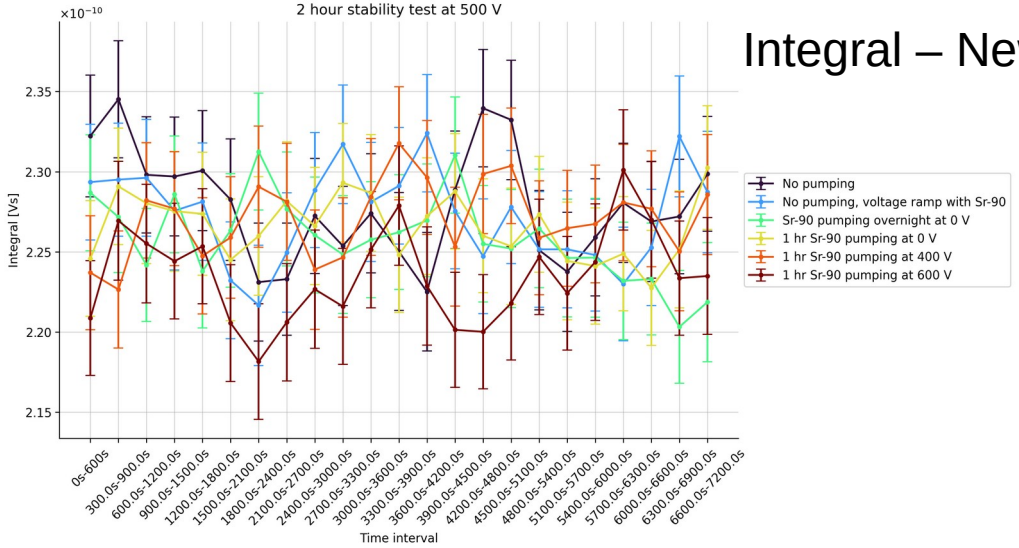


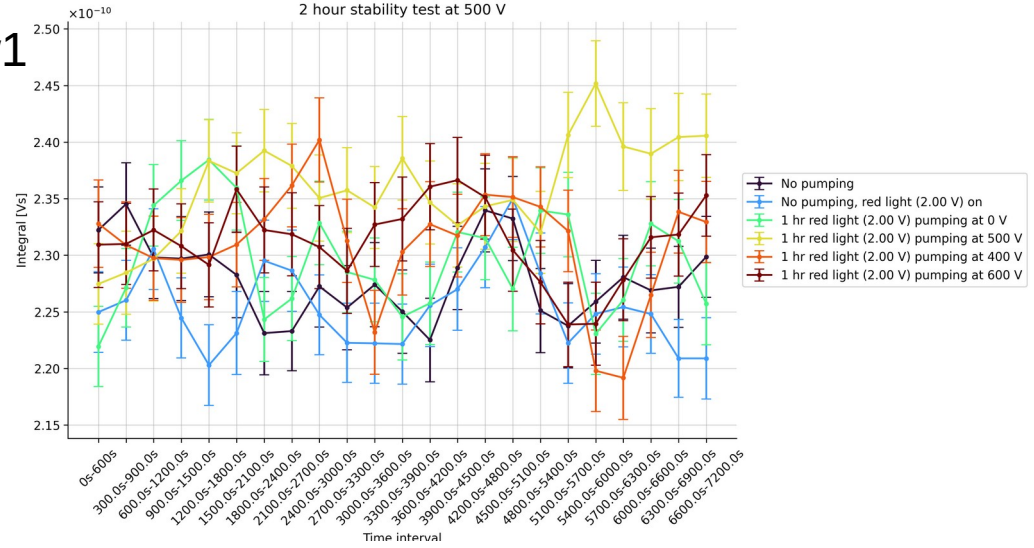


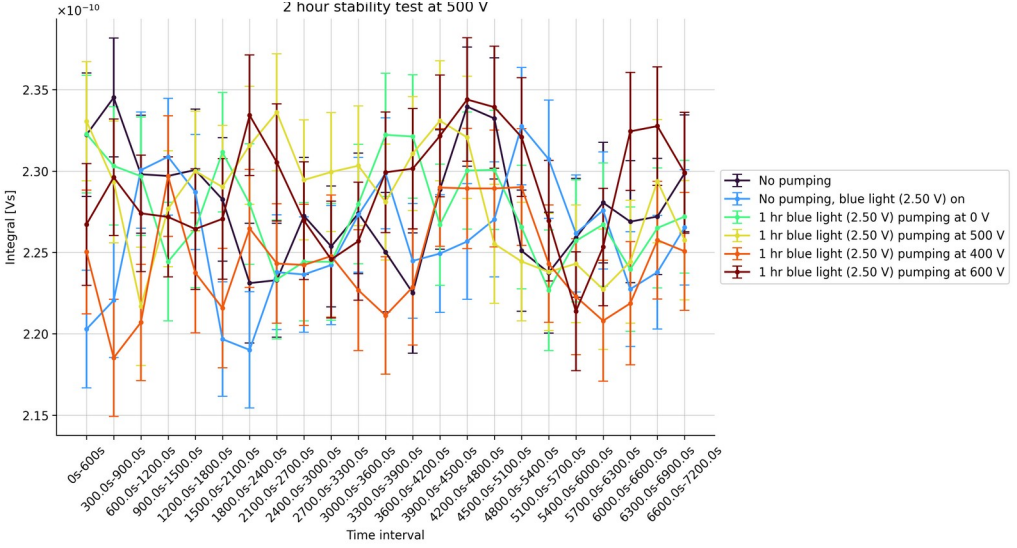


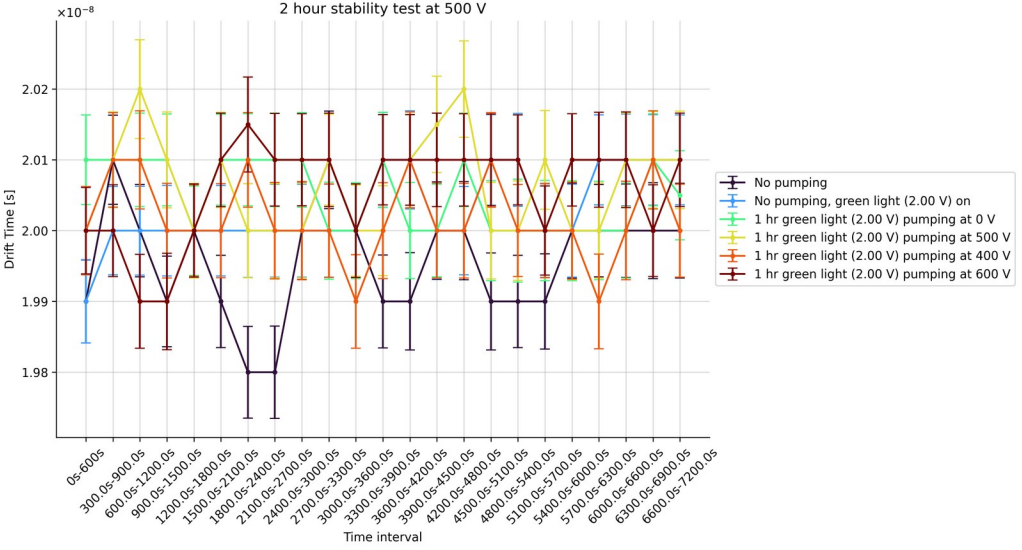


Integral – New1

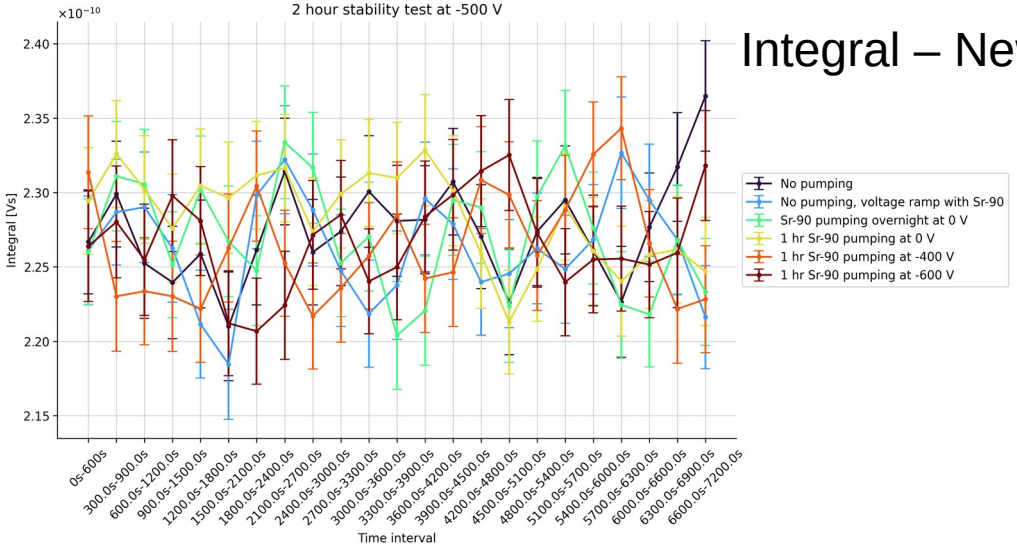


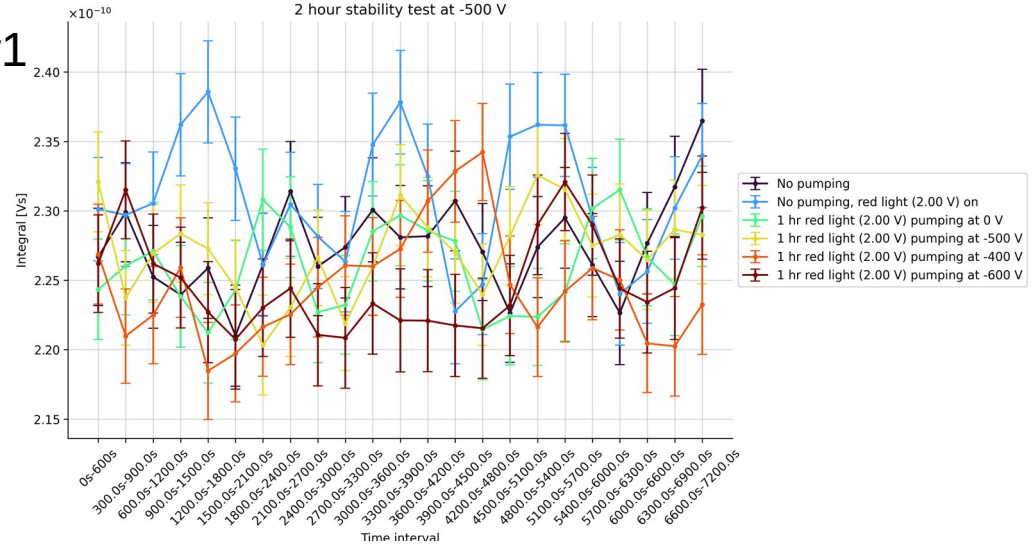


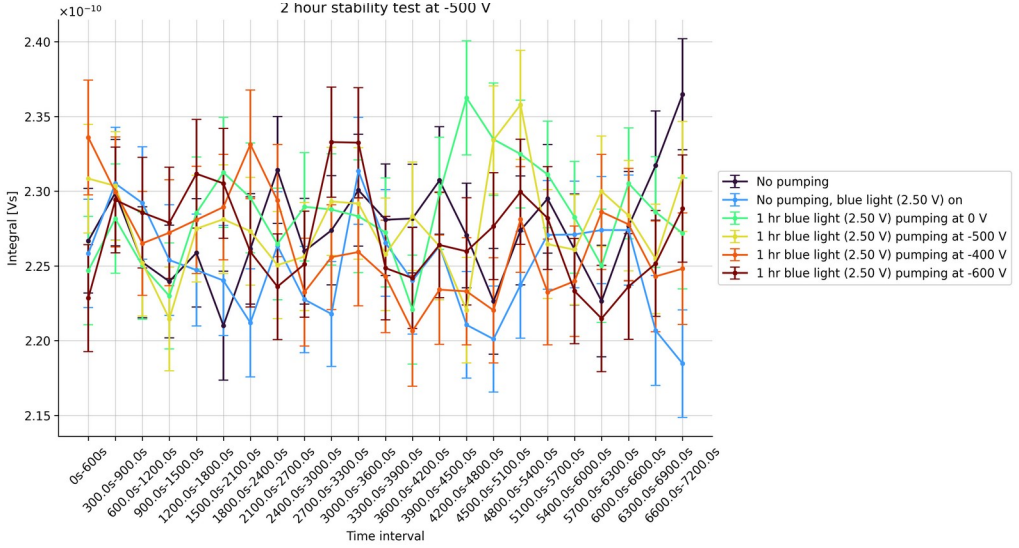


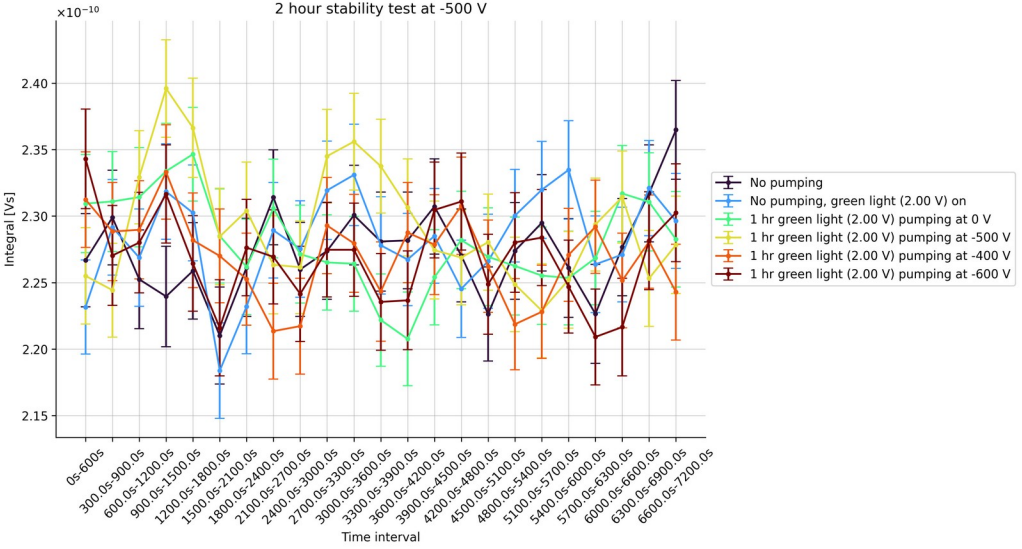


Integral – New1

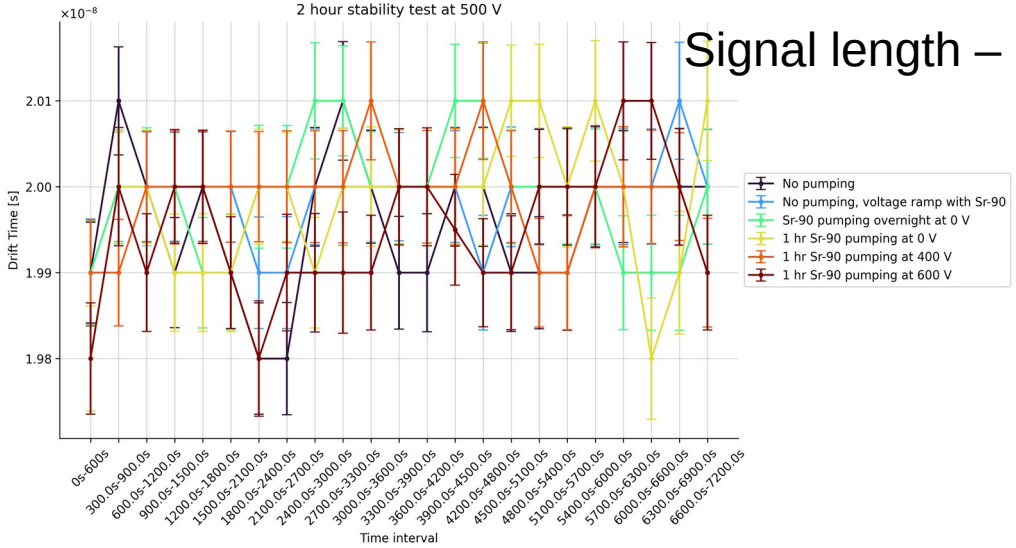


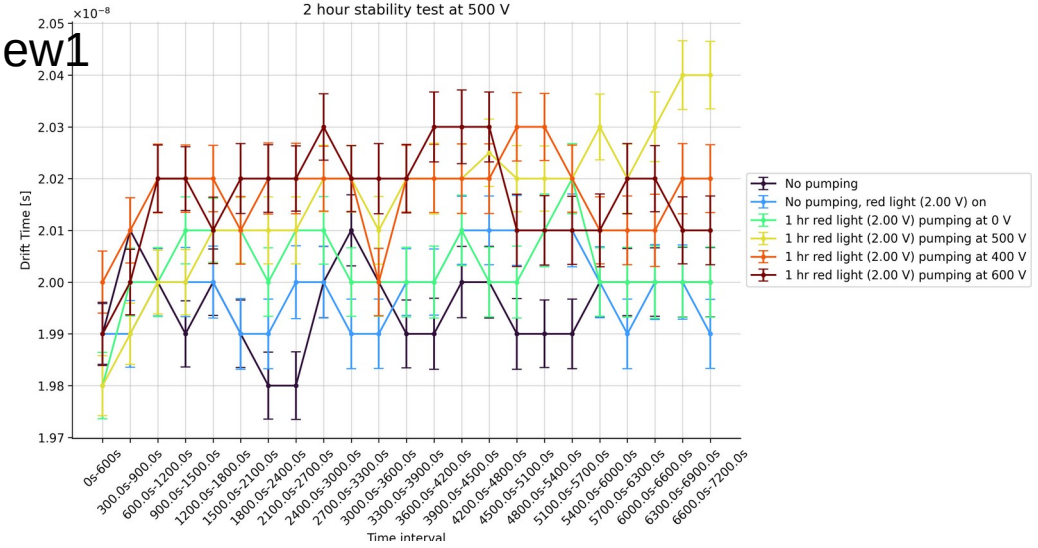


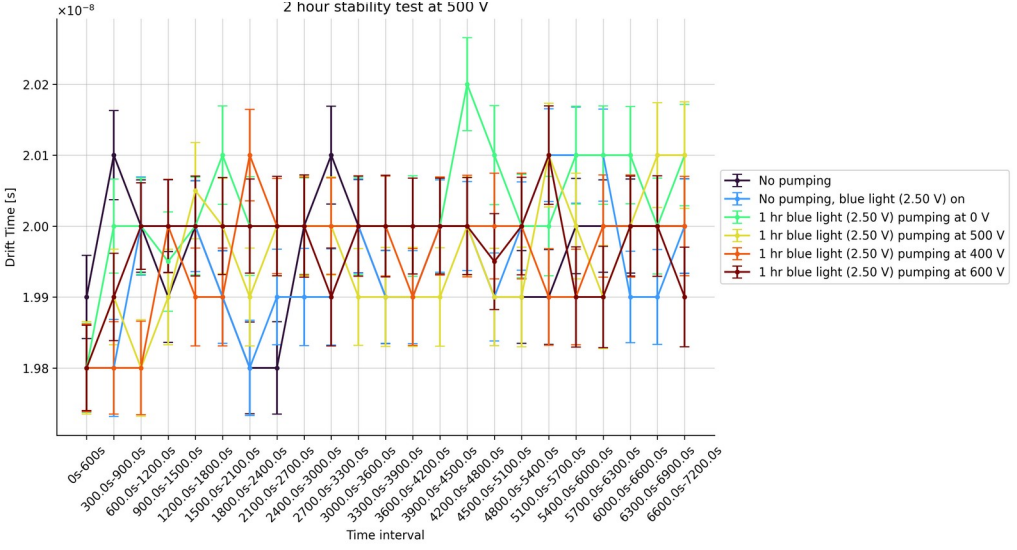


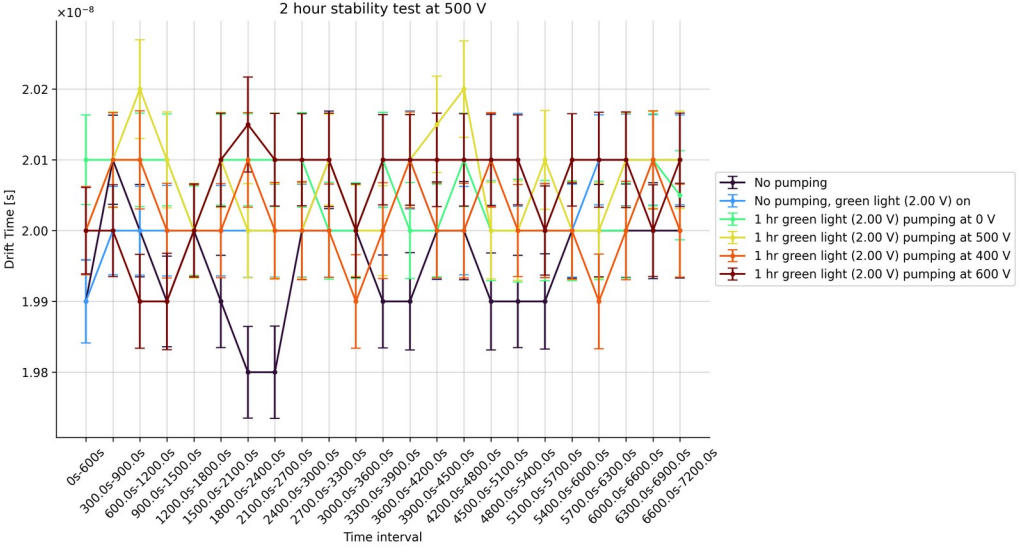


Signal length – New1

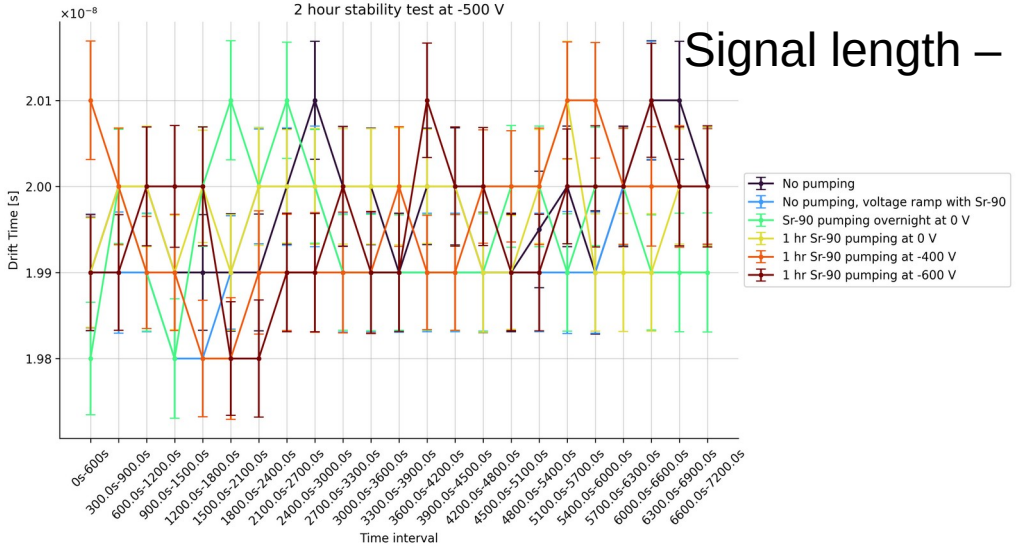


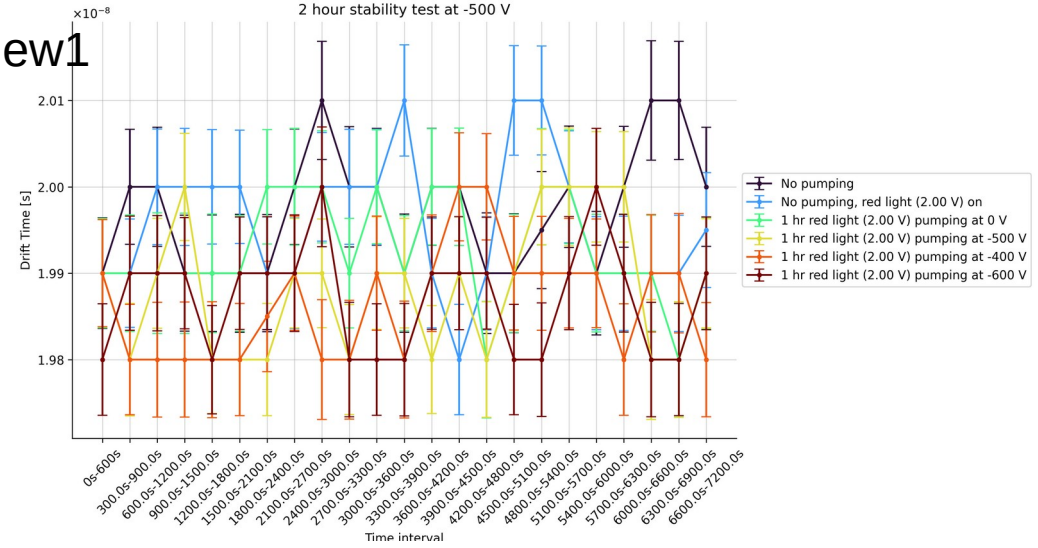


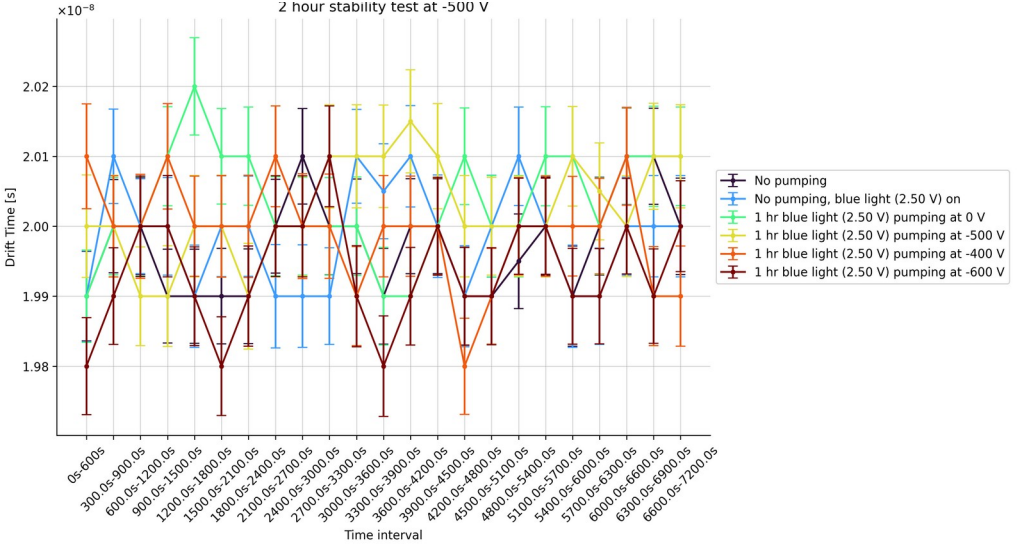


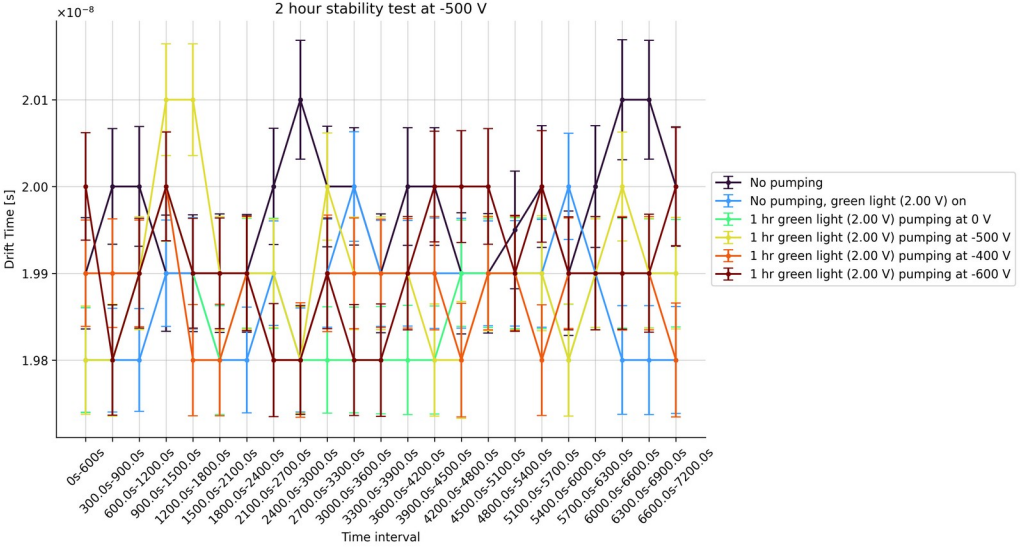


Signal length – New1

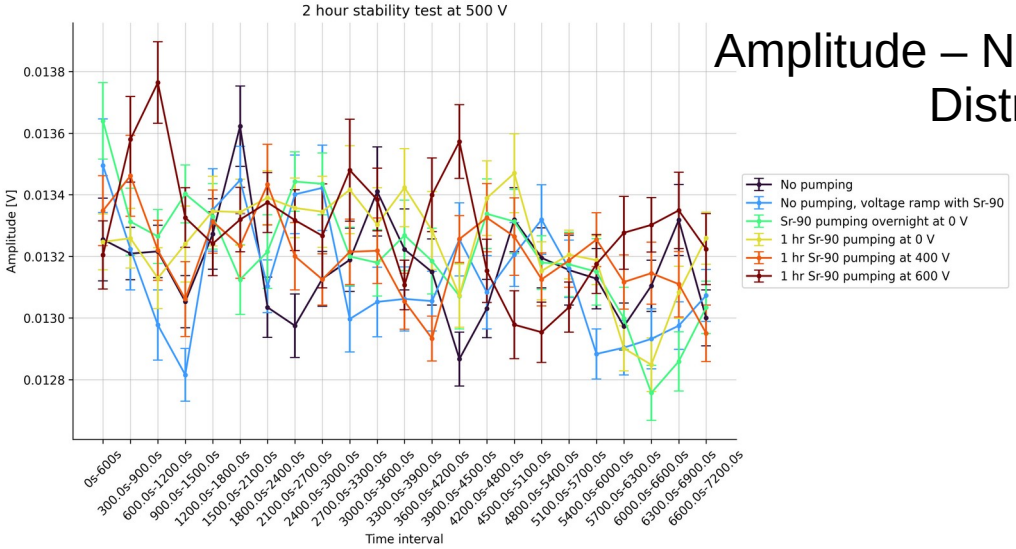


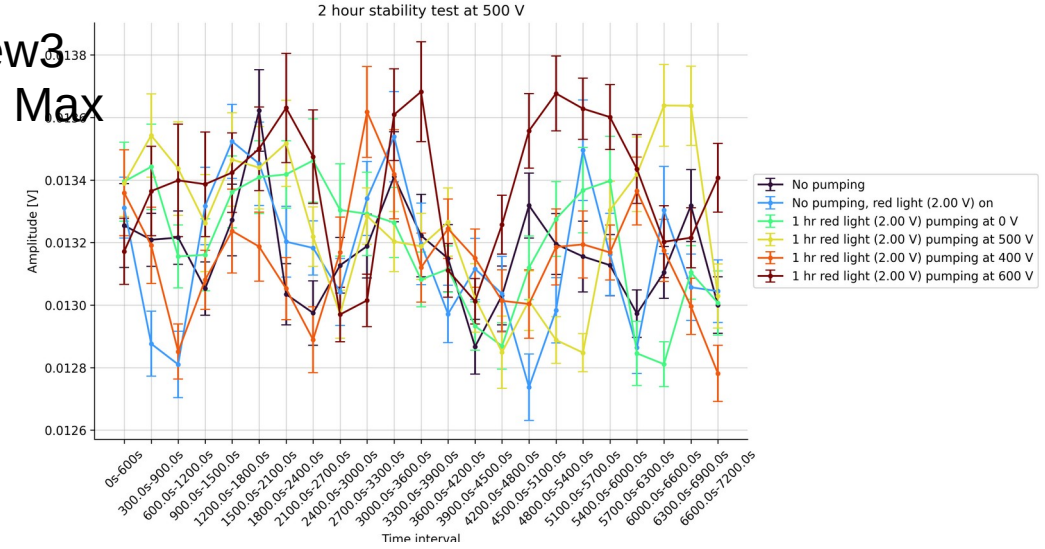


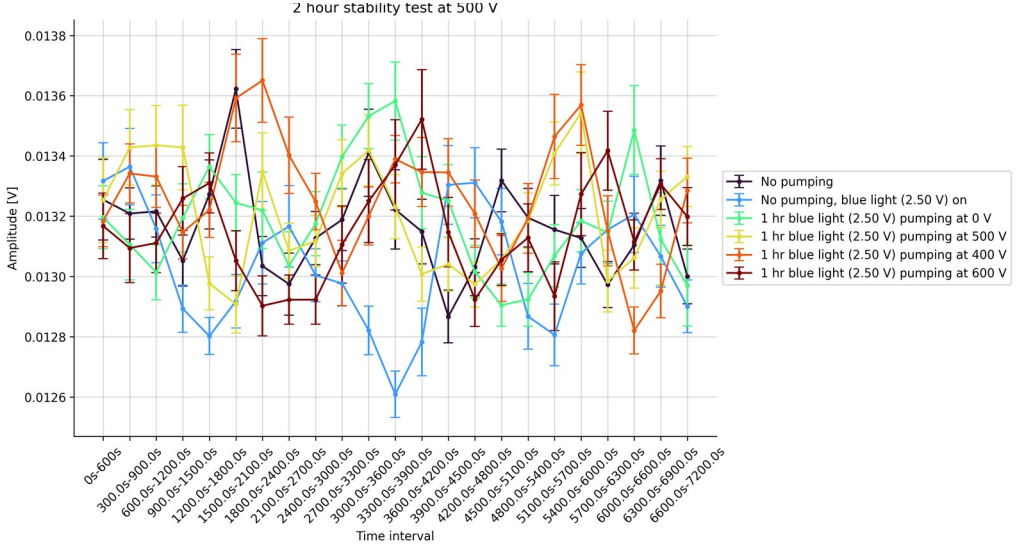


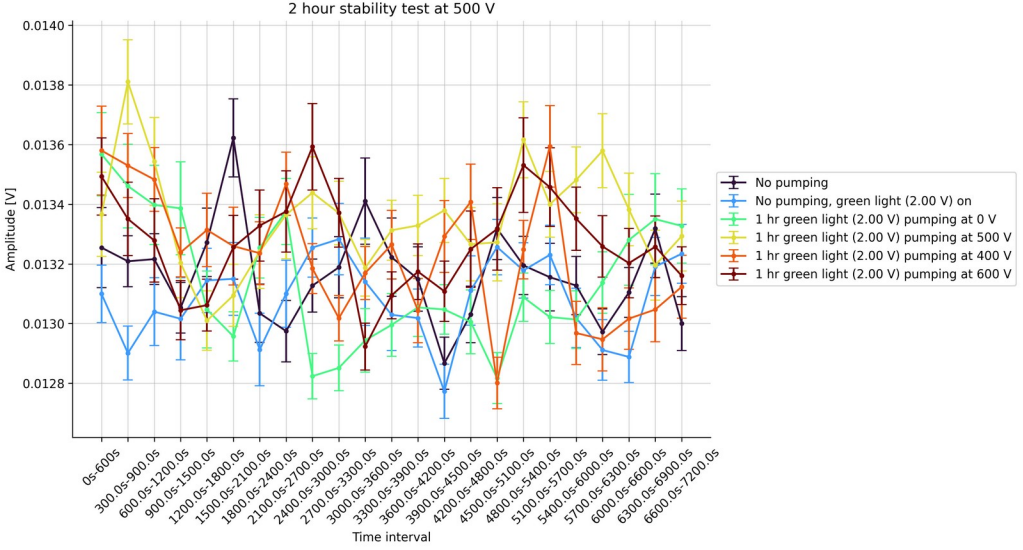


Amplitude – New3 Distr. Max

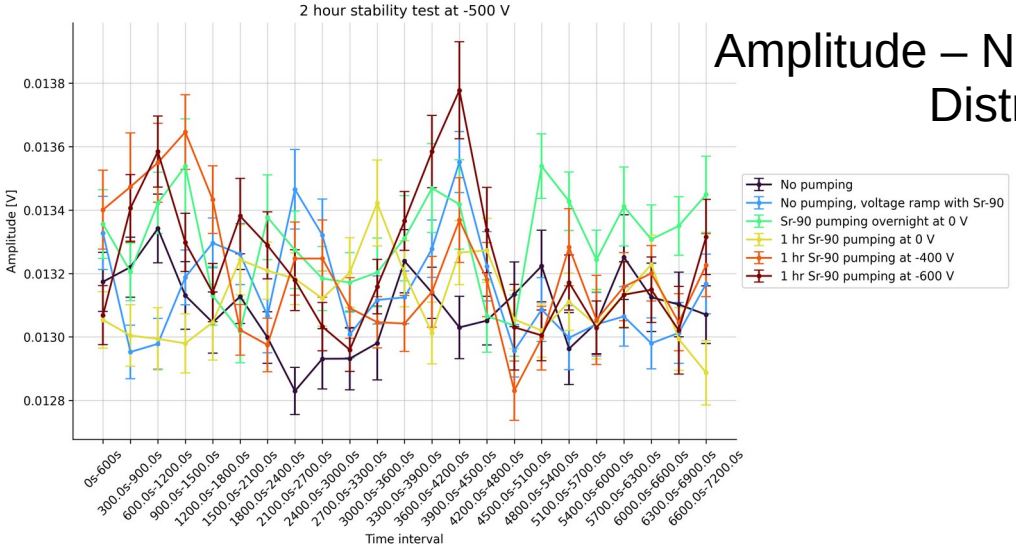


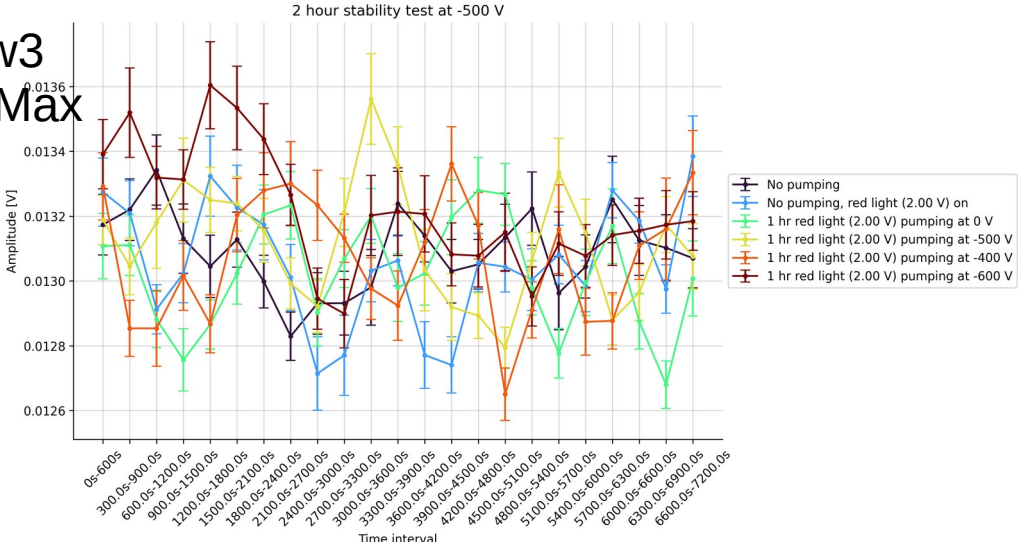


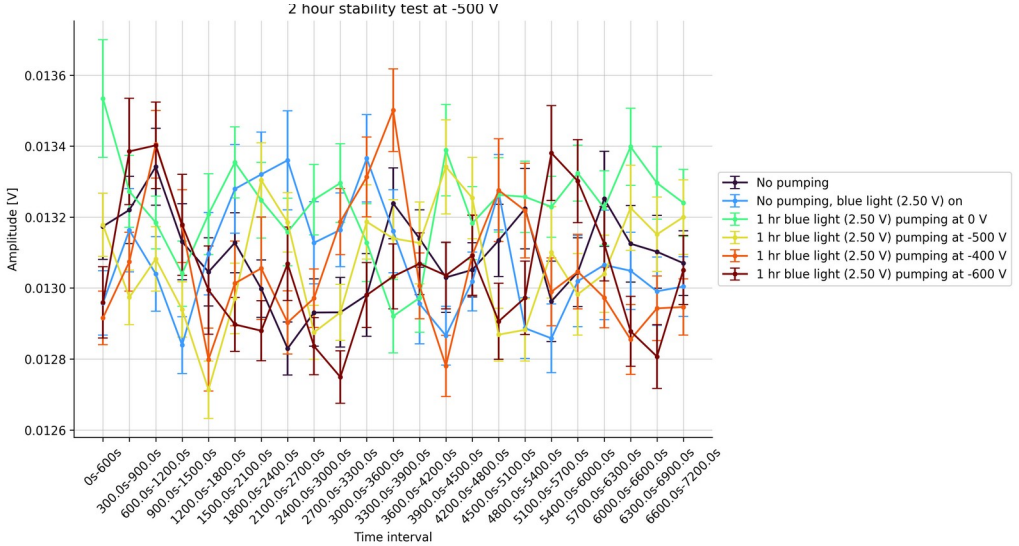


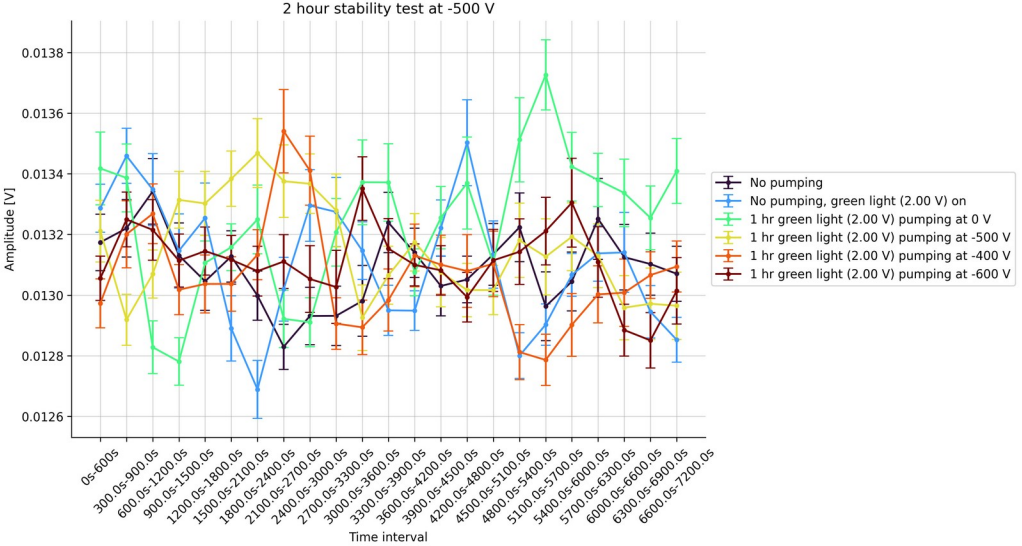


Amplitude – New3 Distr. Max

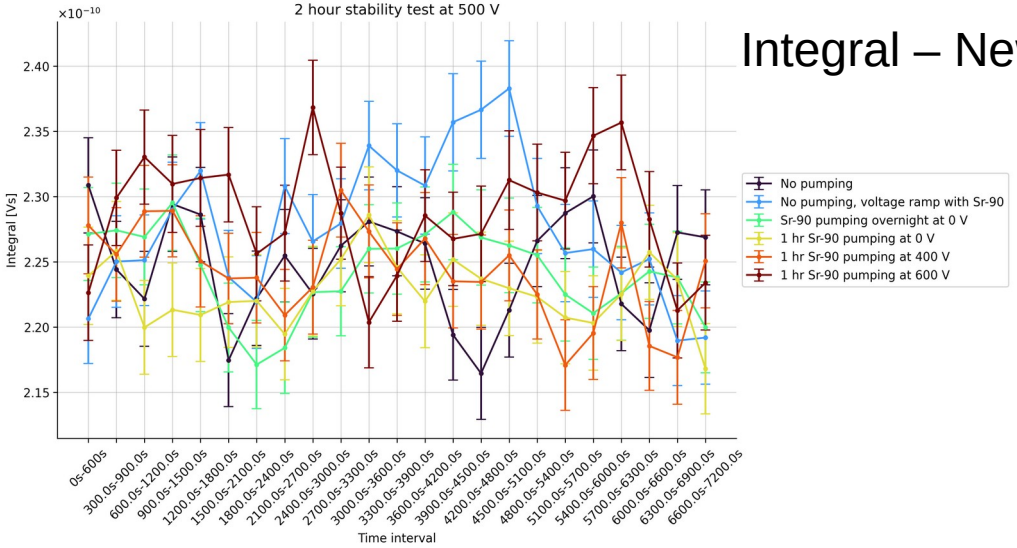


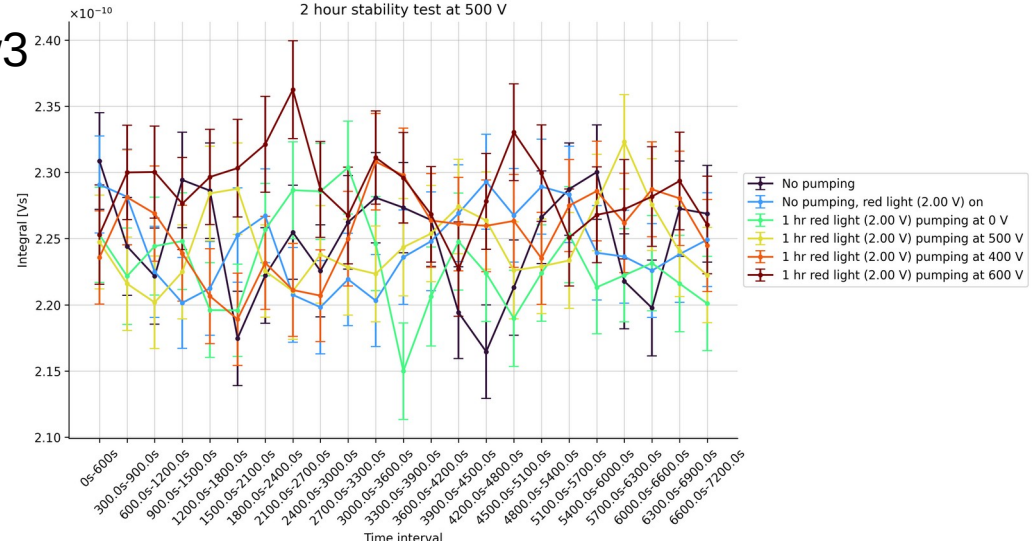


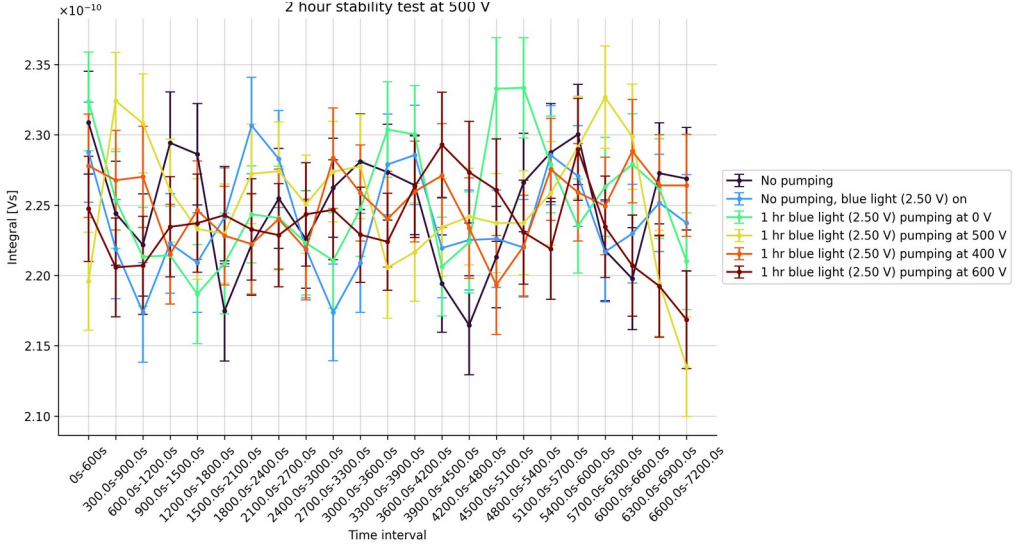


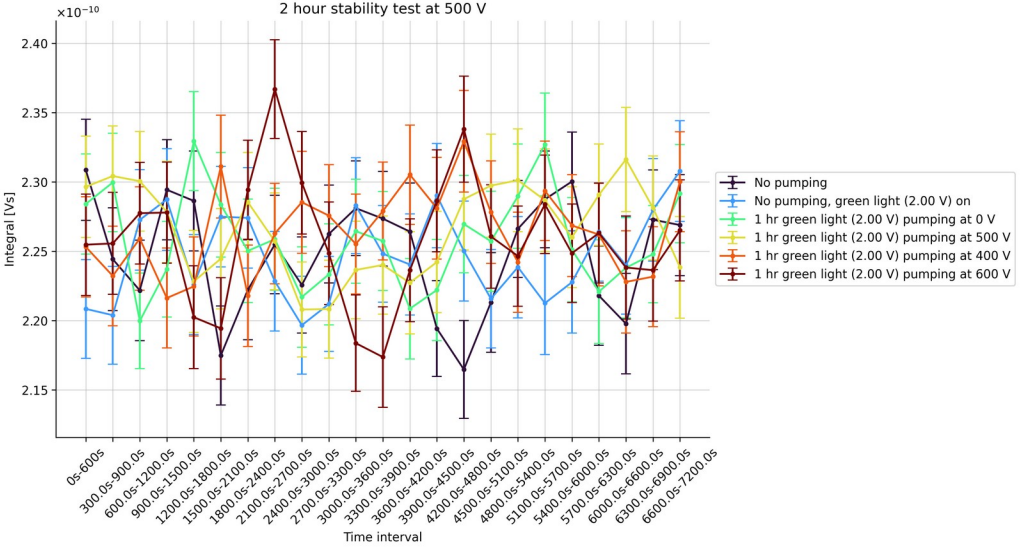


Integral – New3

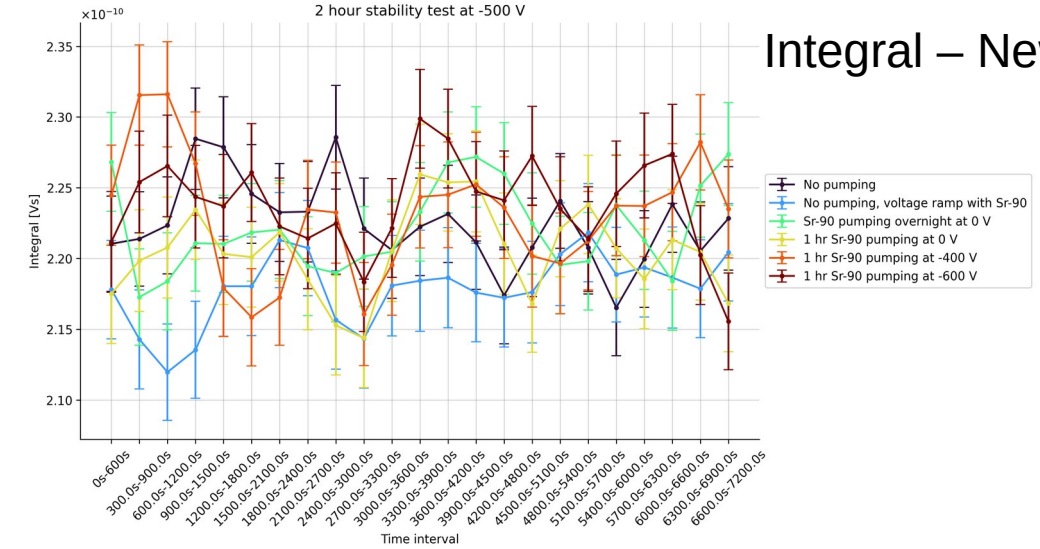


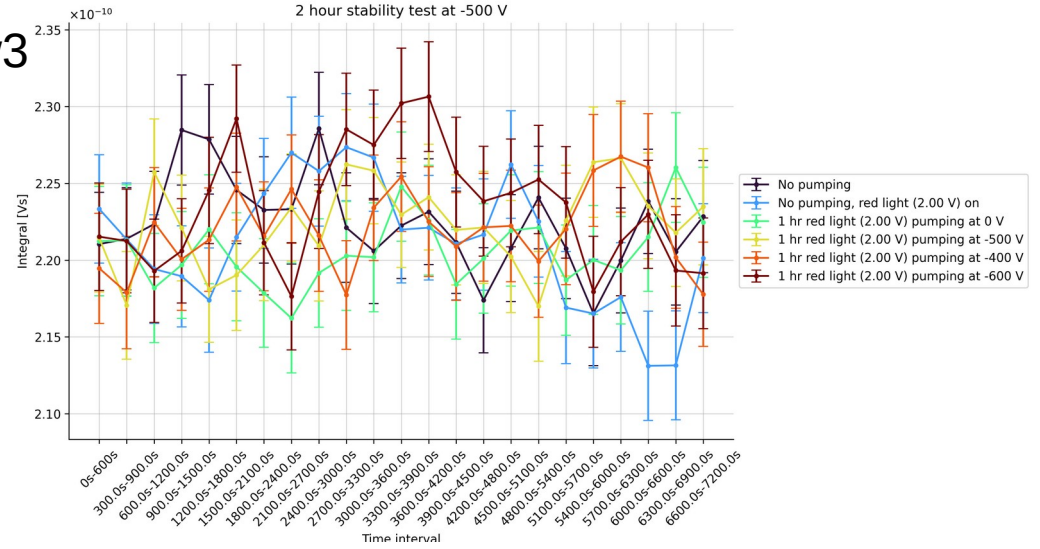


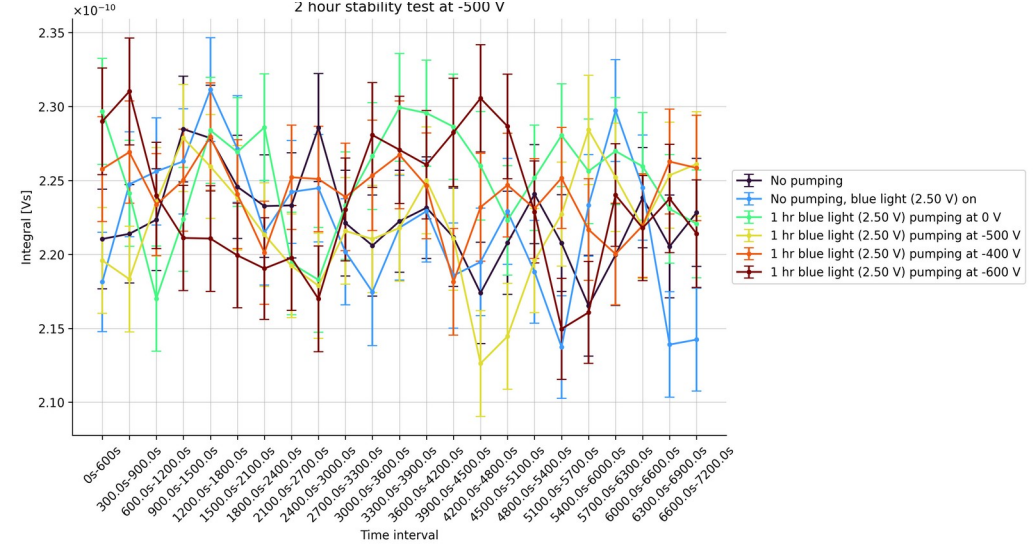


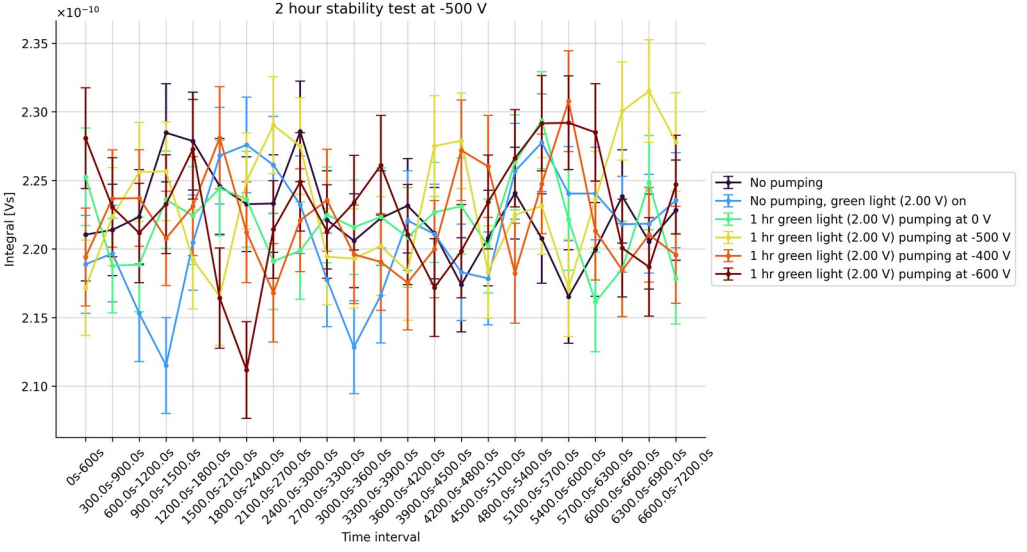


Integral – New3

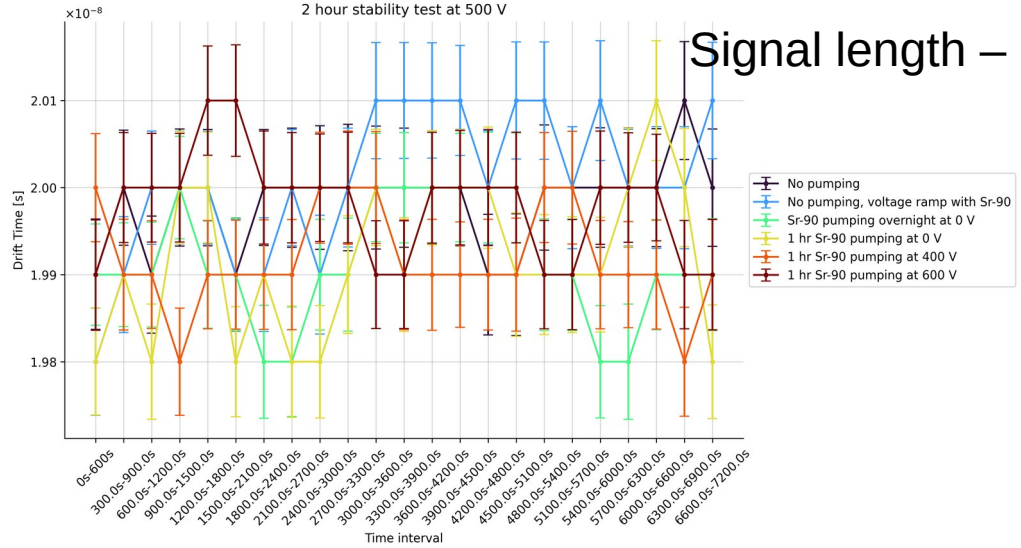


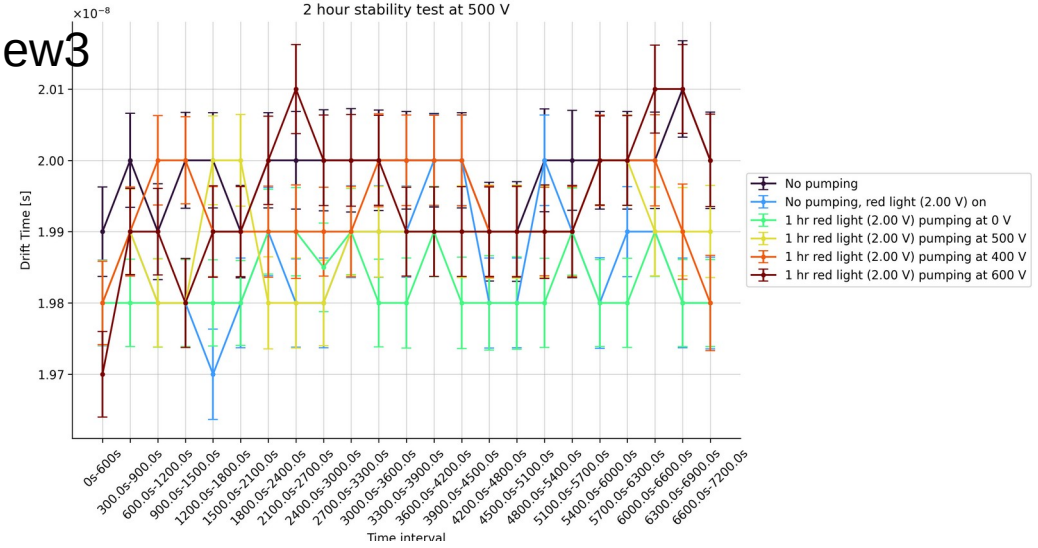


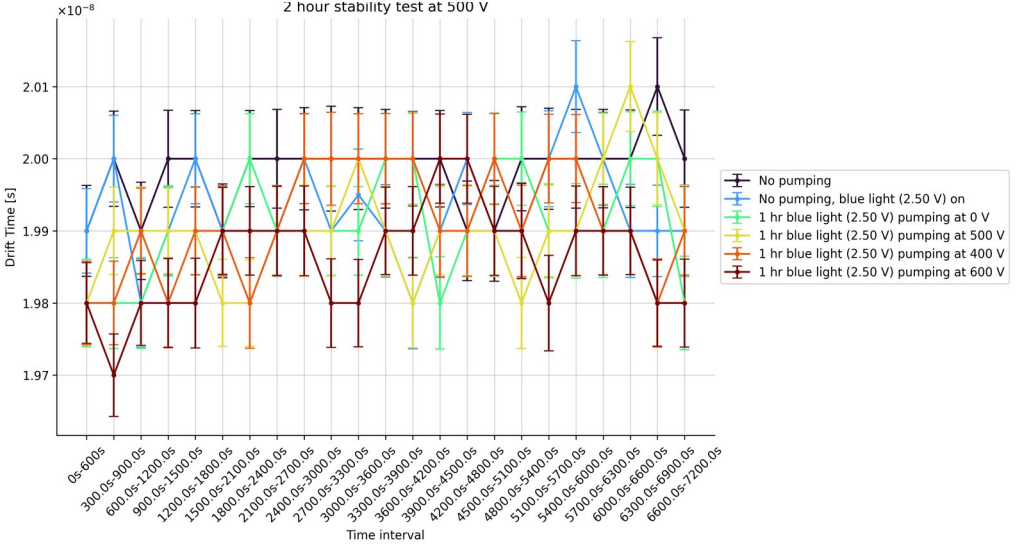


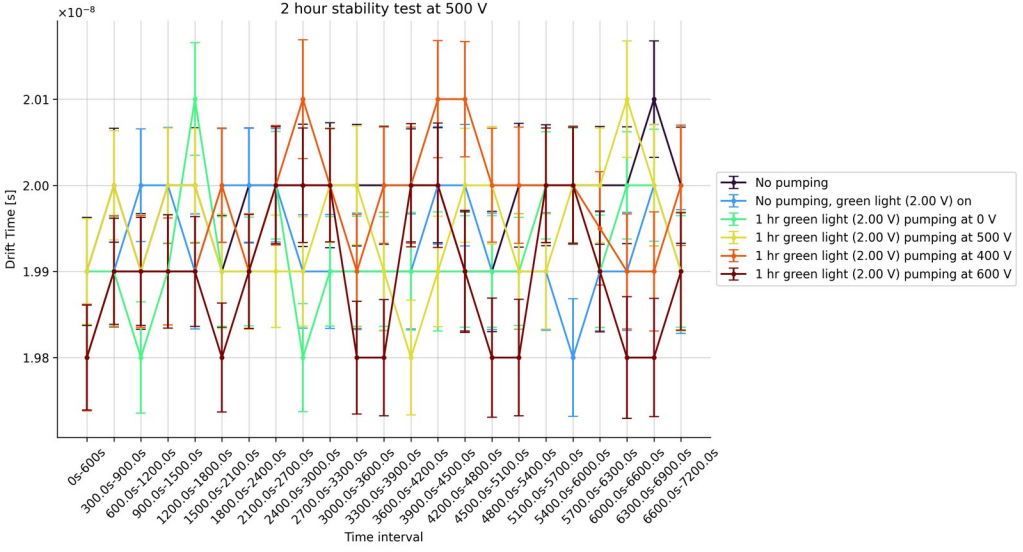


Signal length – New3









Signal length – New3

