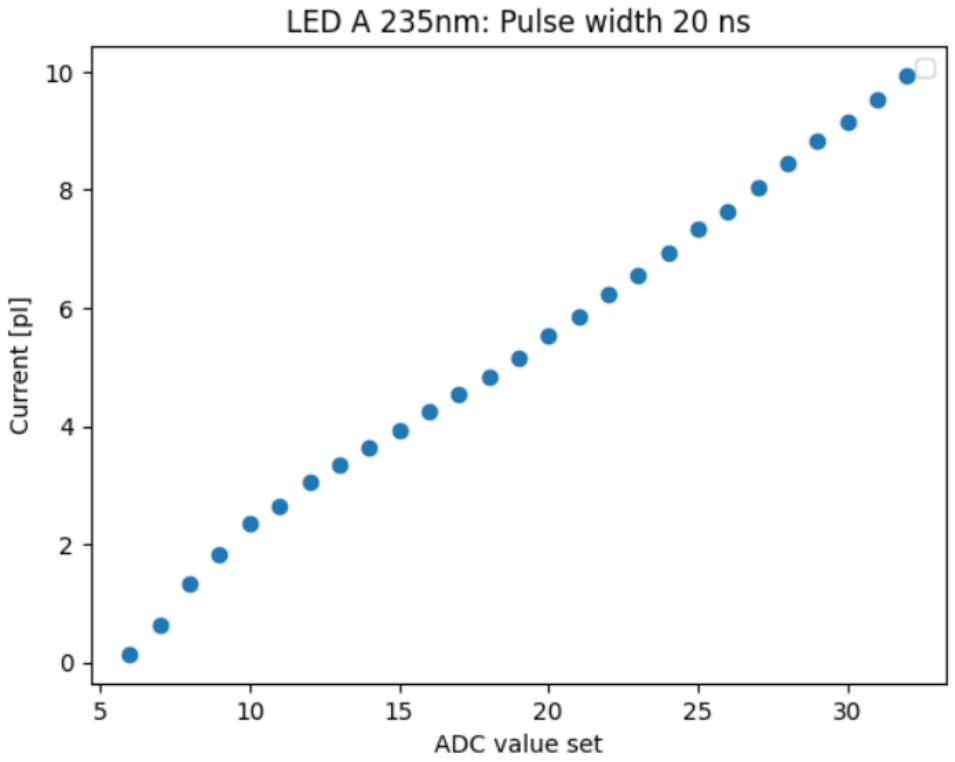
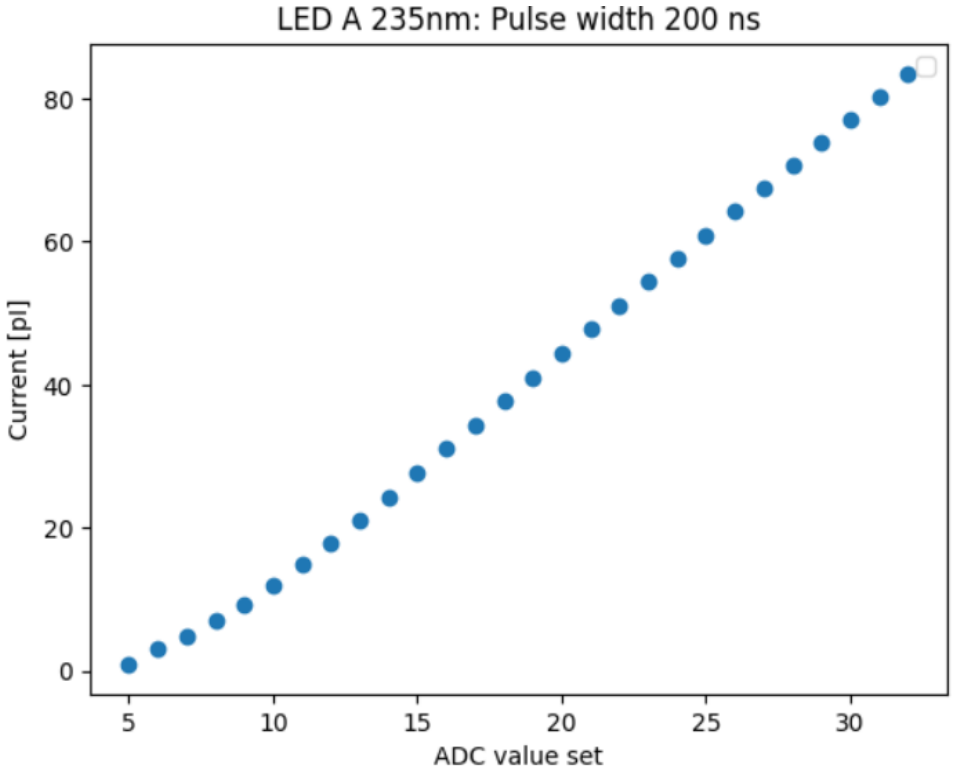
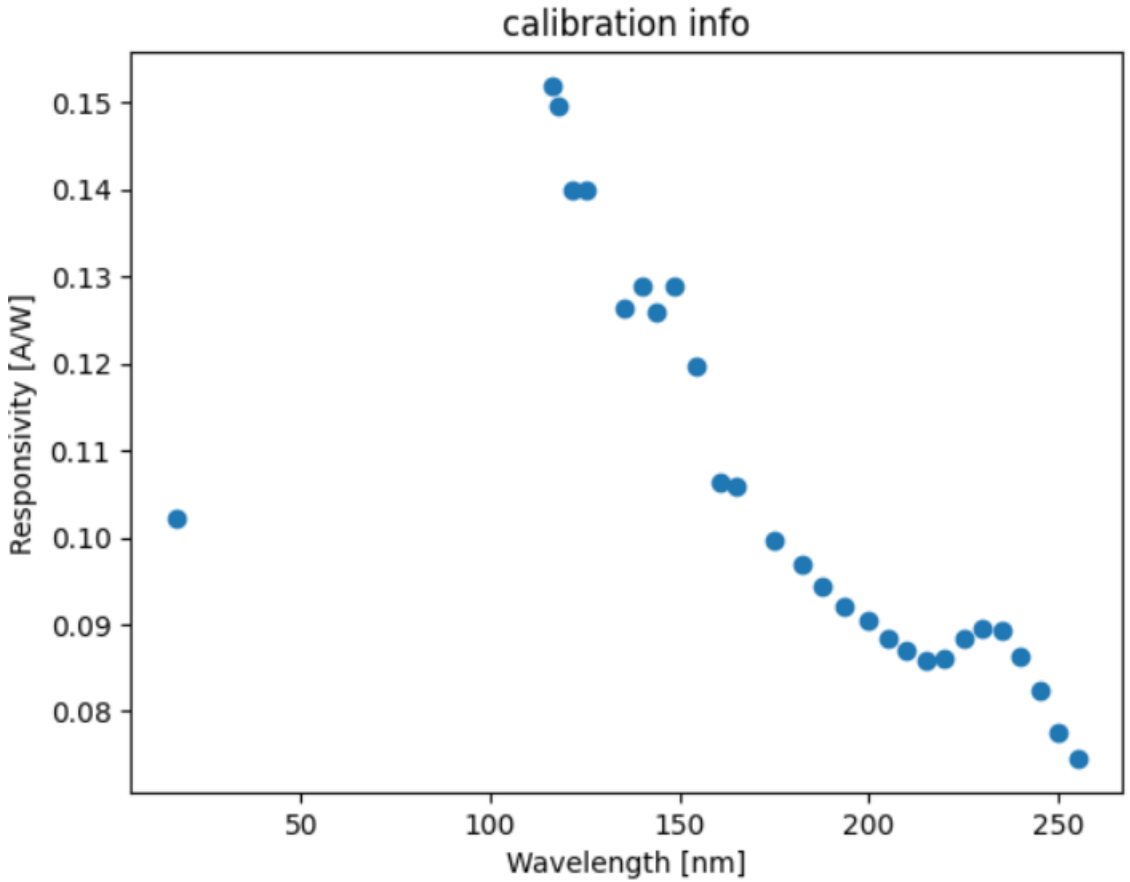
LED Board Calibration

Photodiode respose

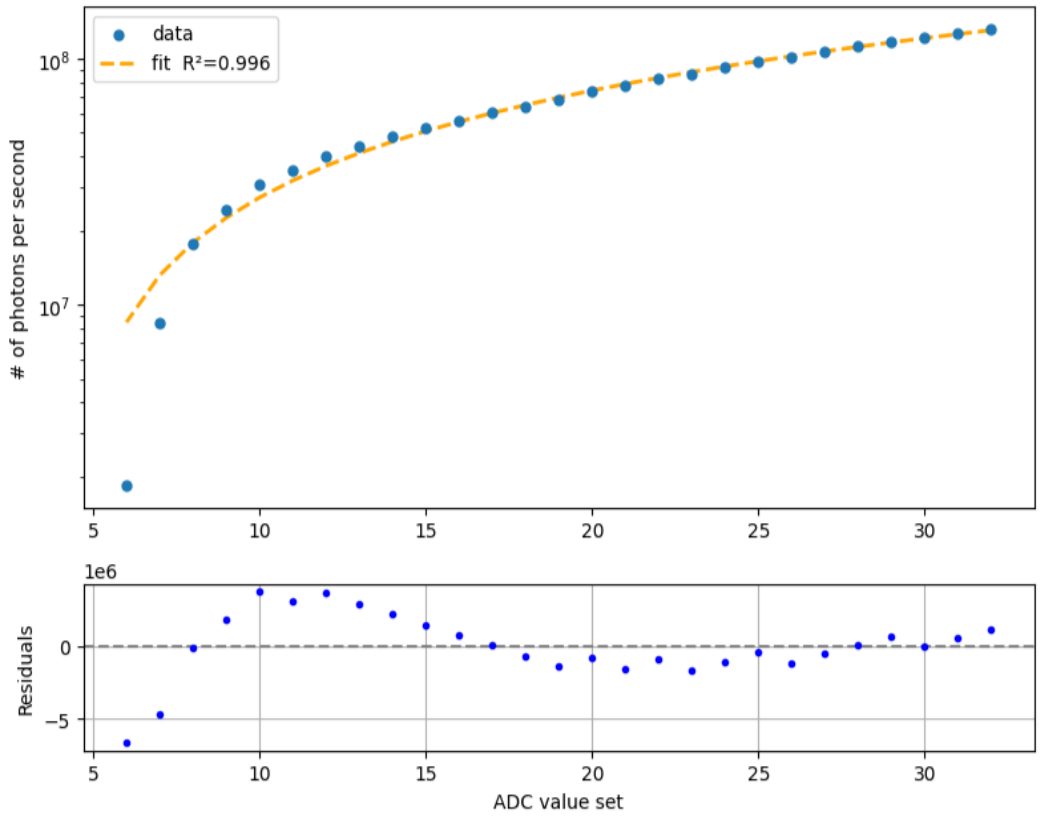


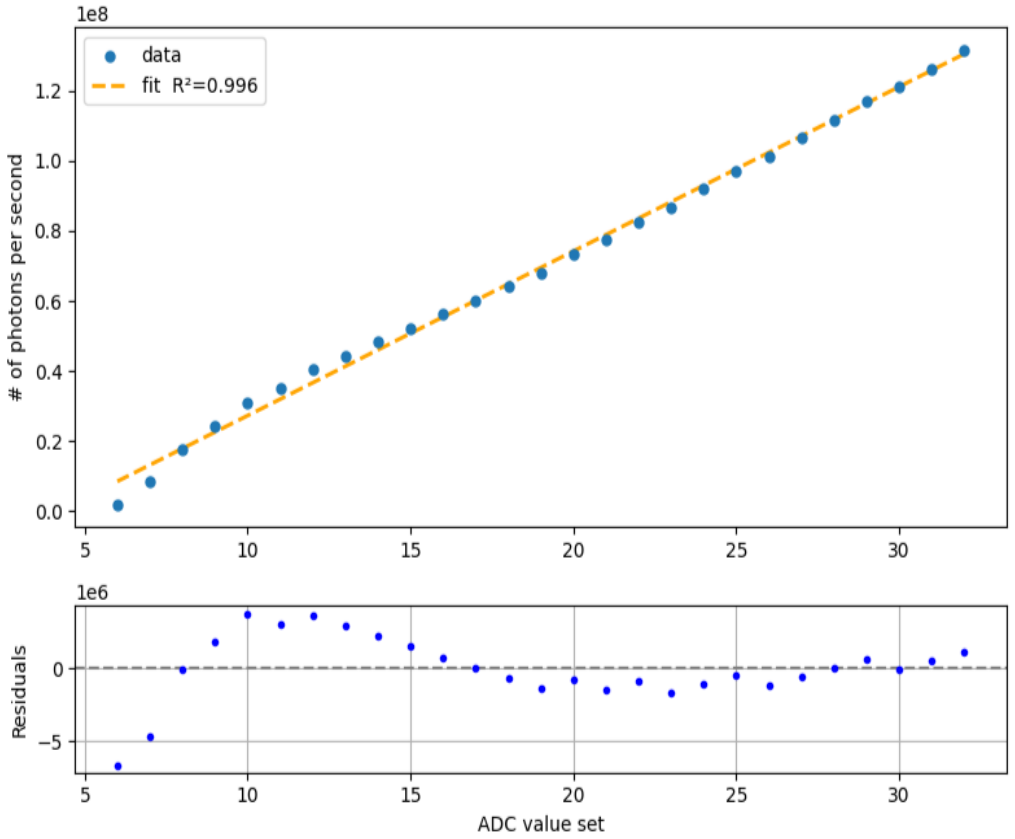


Photodiode calibration



Pulse width: 20 ns

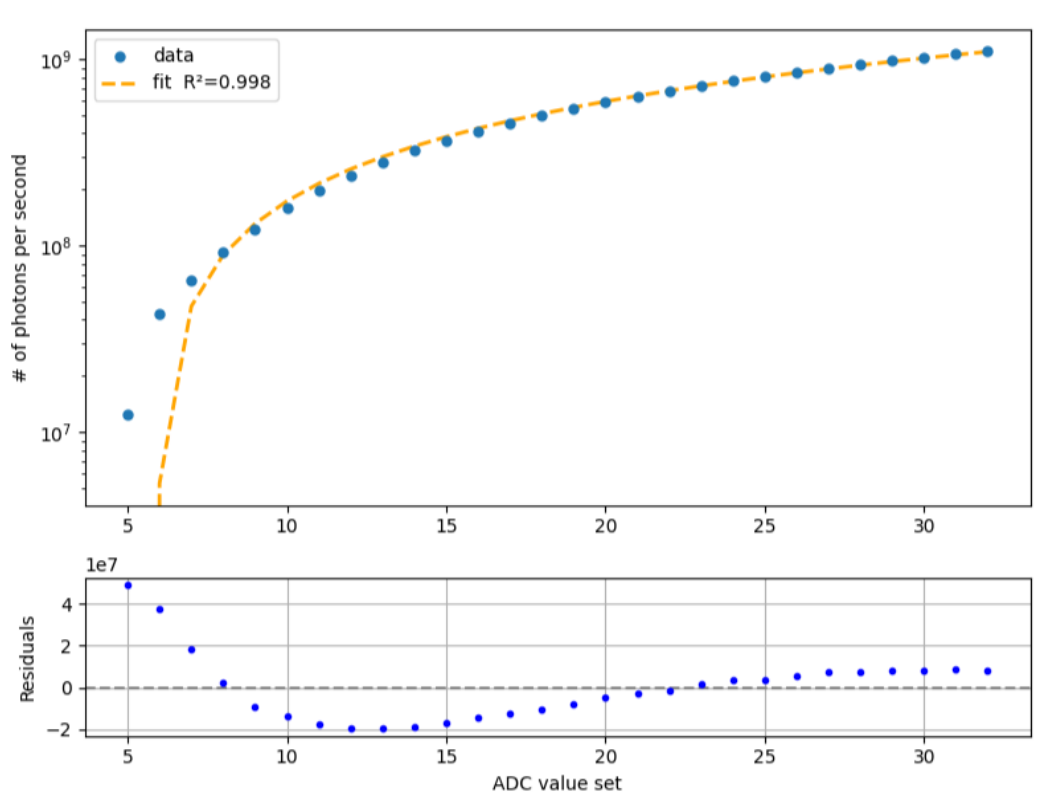


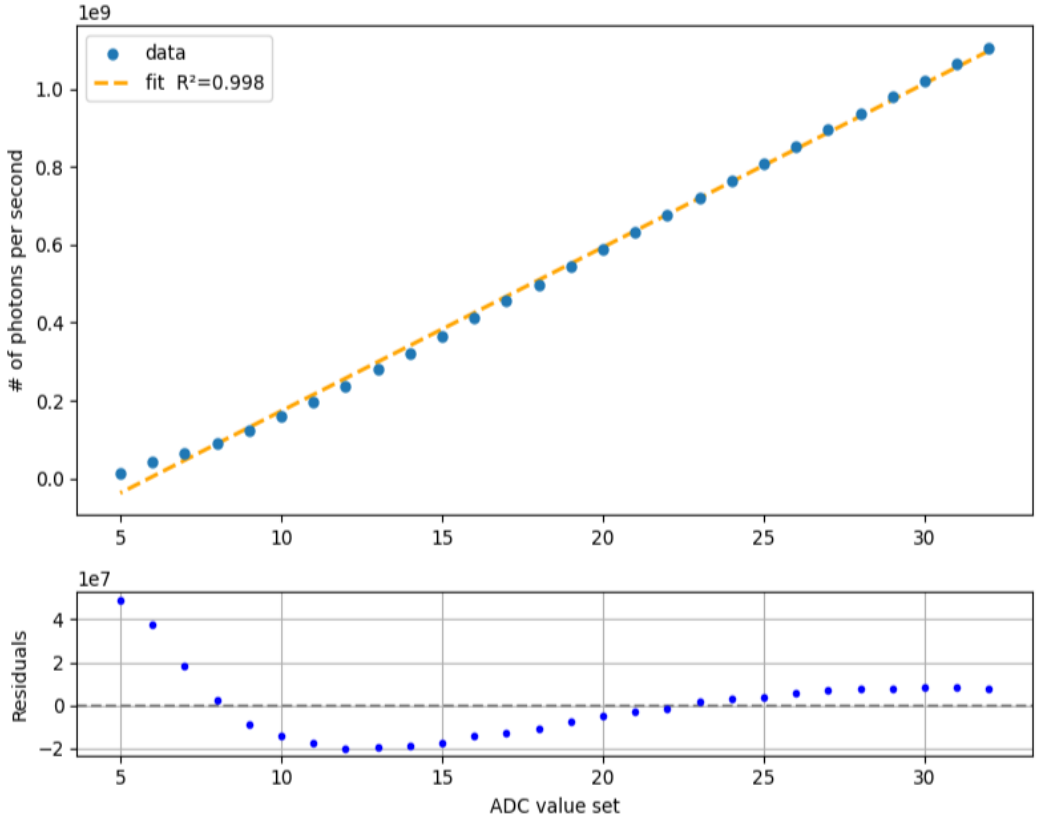


$$\gamma/s(V) = 4.7 * 10^6\ V\ - 2.0 * 10^7$$

For SPE, with 1kHz frequency we would need a voltaje of $\approx 4\ V$ for LED A. From the photodiode calibration we took data til **6V**

Pulse width: 200 ns





$$\gamma/s(V) = 4.2 * 10^7\, V\, - 2.5 * 10^8$$