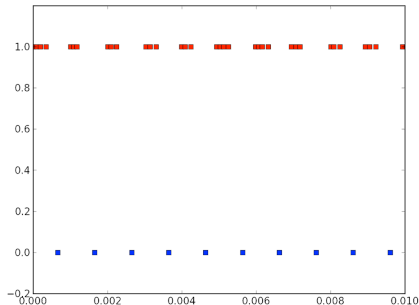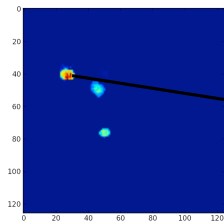● This is how the events of a single pixel look like:
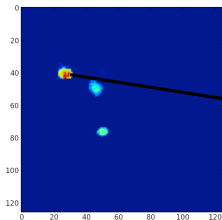

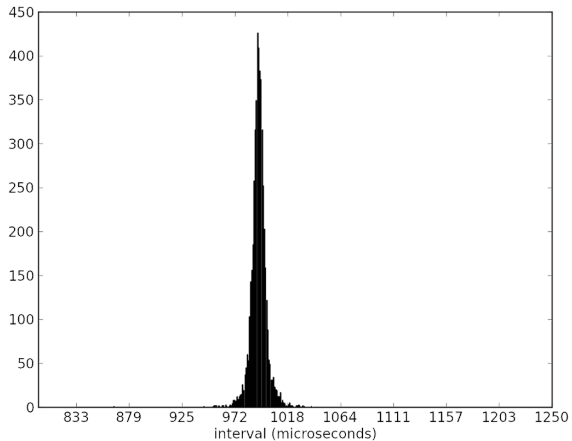**+: noisy**

-: repeatable
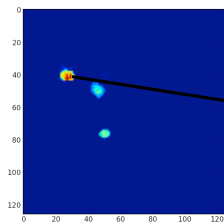
• Precision of LED * photoreceptor * buffers * ...

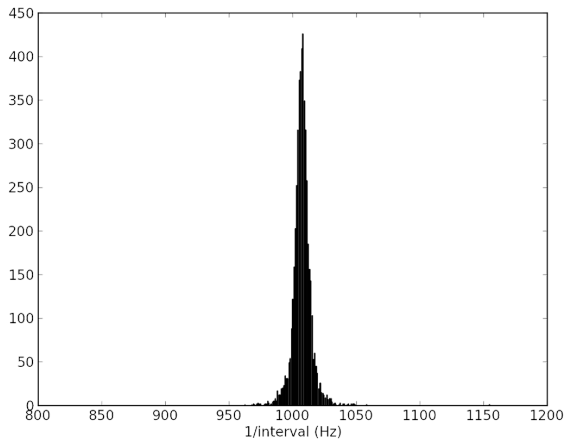*interval between successive "-"*
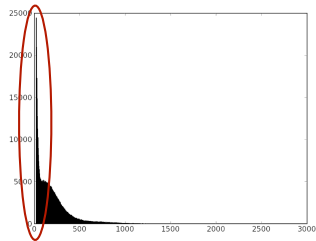*(ignoring "+" completely)*

*interval between successive "-"
(ignoring "+" completely)*

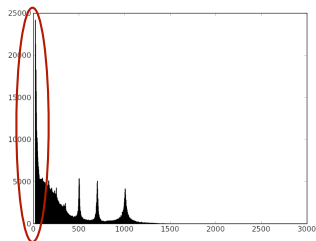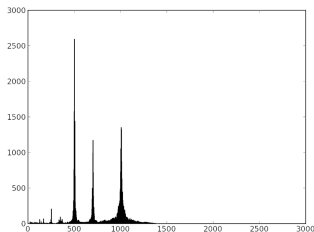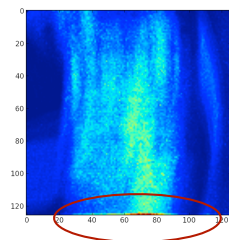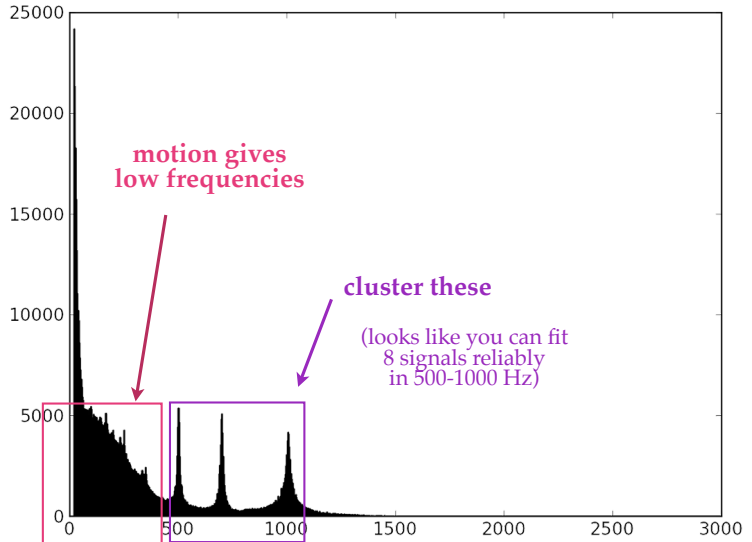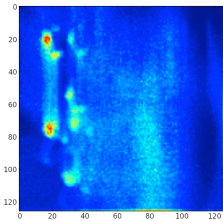- Frequency between successive "-" signals, averaged over all pixels.
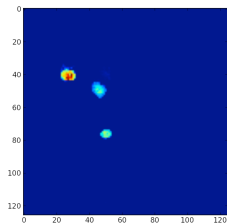
led, static **led, motion** **no led, motion**
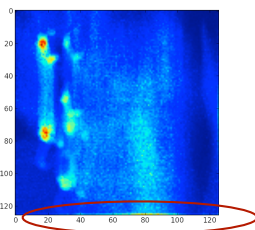
- Looks like the frequencies can be recovered with very simple clustering.

motion gives low frequencies

cluster these

(looks like you can fit 8 signals reliably in 500-1000 Hz)

- Do you want to fit more signals?
  Divide the image in big overlapping patches.