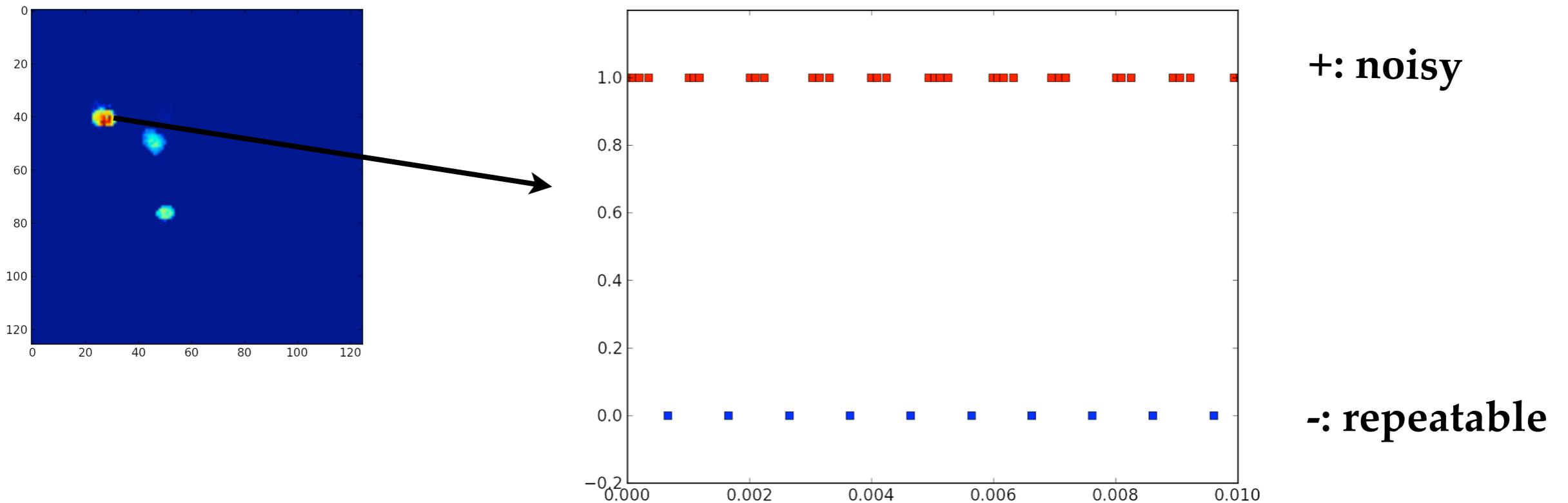


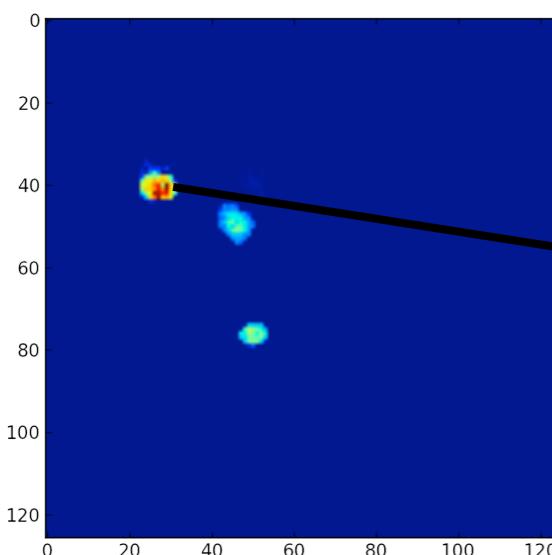
- This is how the events of a single pixel look like:



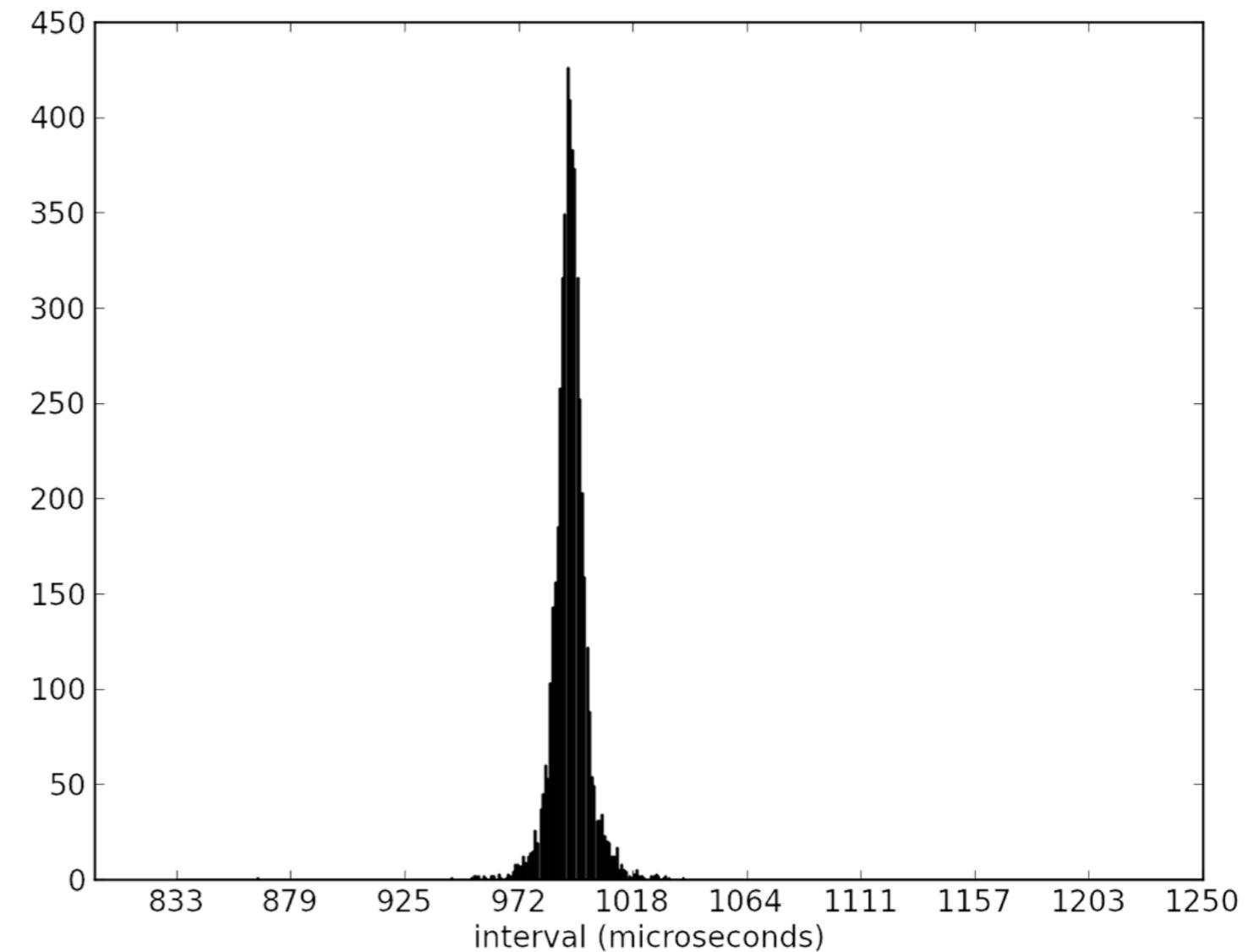
- Exercise: figure out the transfer function of led * photoreceptors.

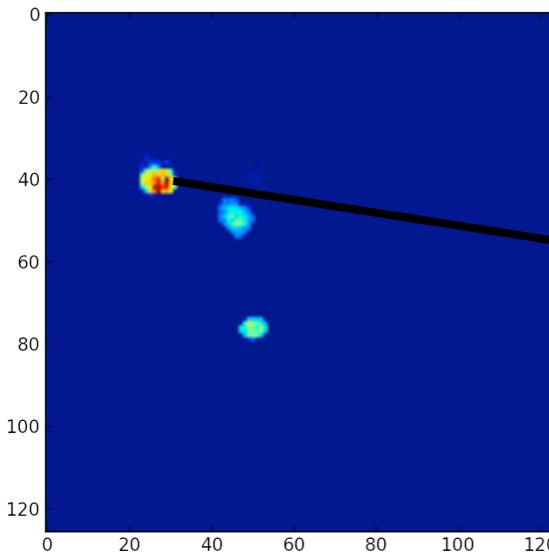
Precision/repeatability

- Precision of LED * photoreceptor * buffers * ...

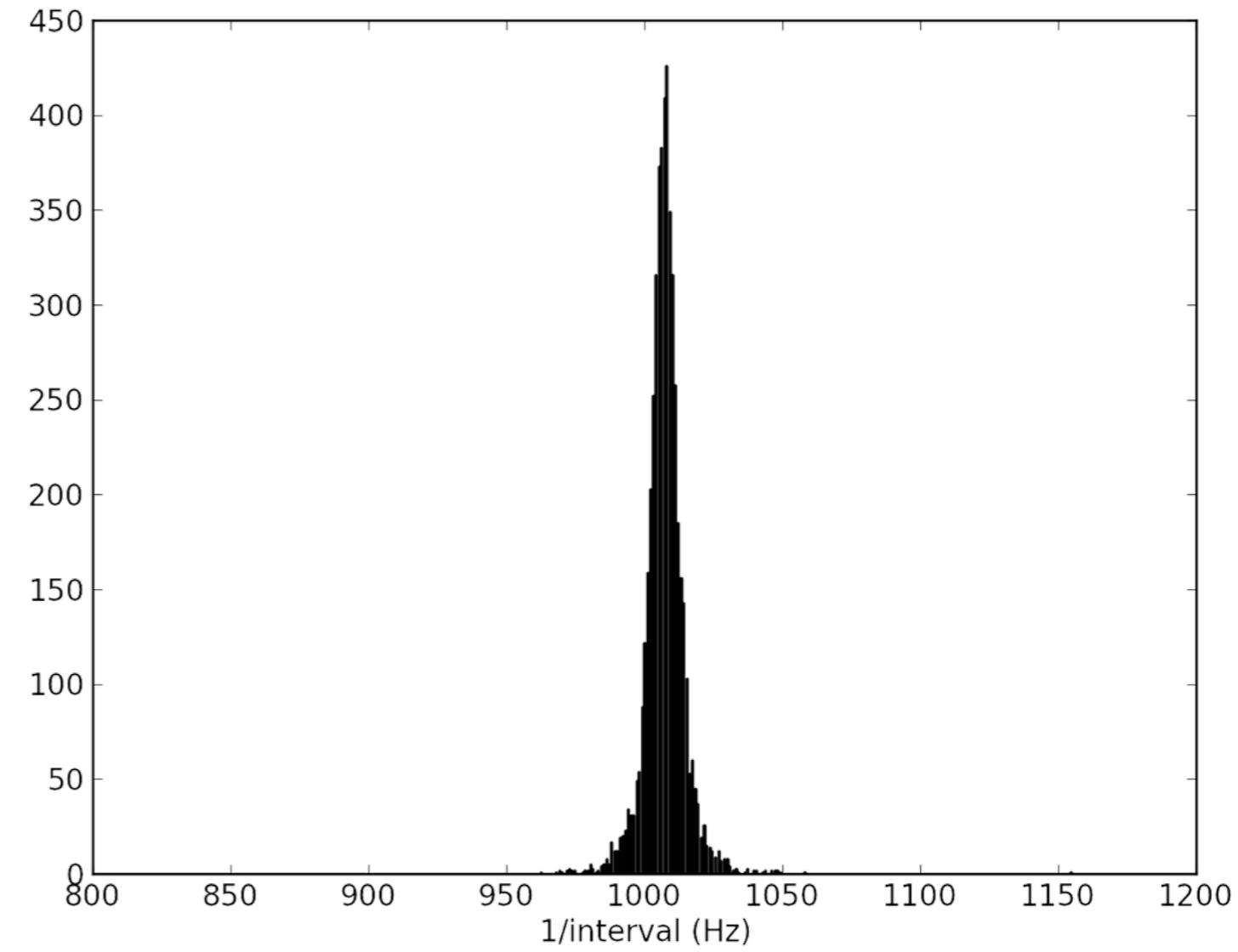


*interval between successive “-”
(ignoring “+” completely)*



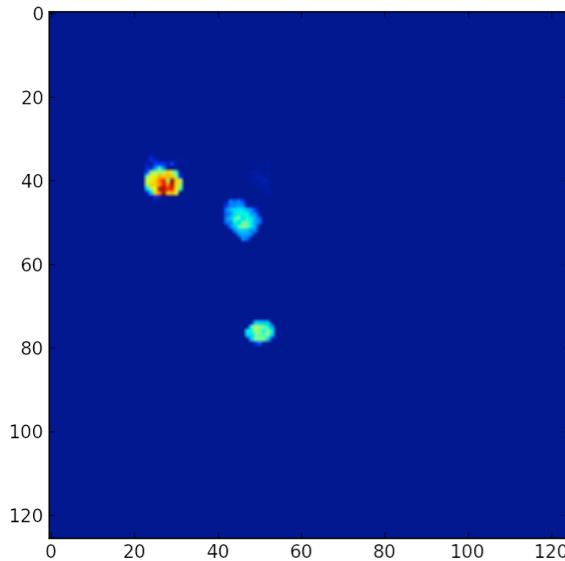


*interval between successive “-”
(ignoring “+” completely)*

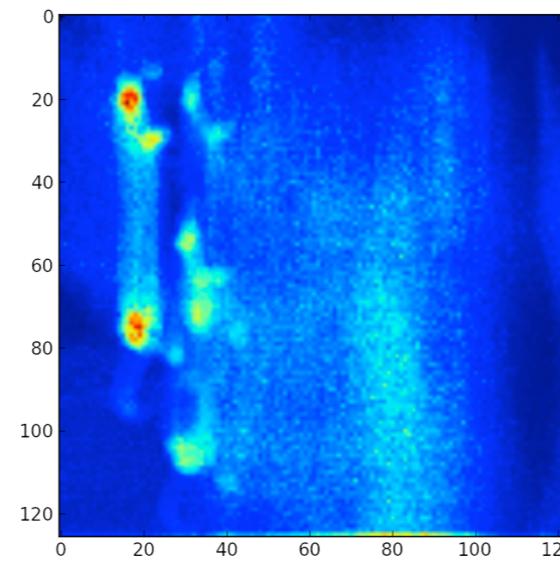


- Frequency between successive “-” signals,
averaged over all pixels.

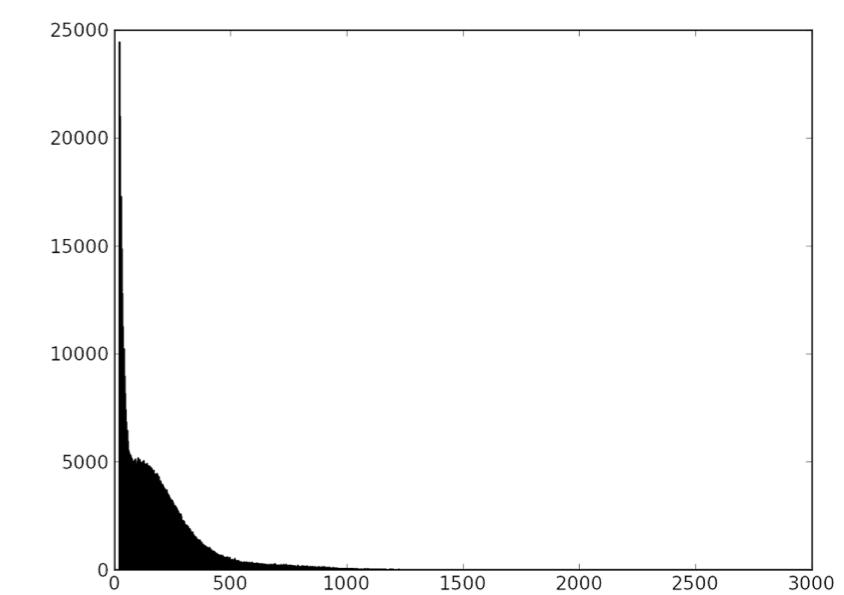
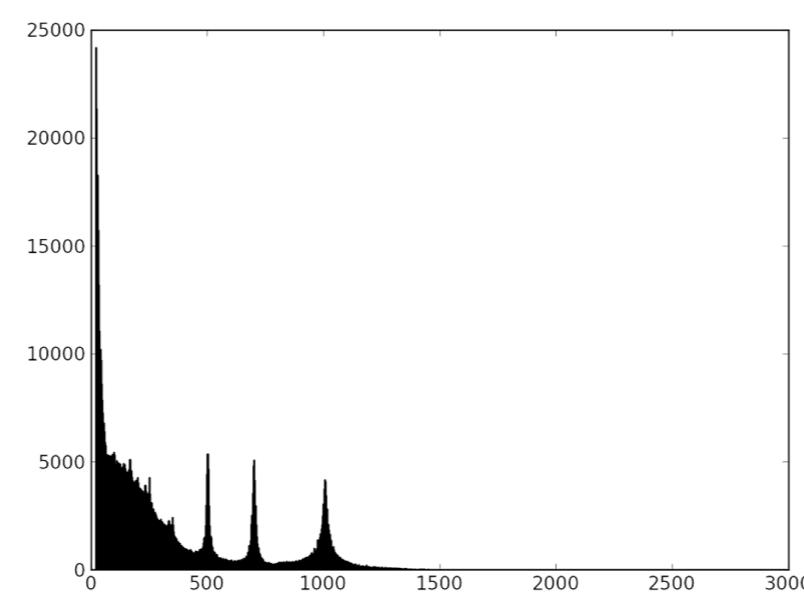
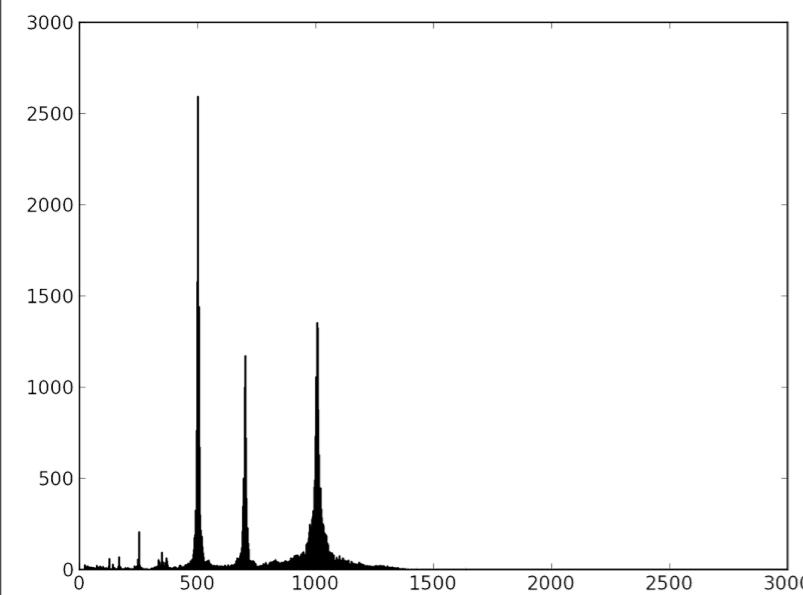
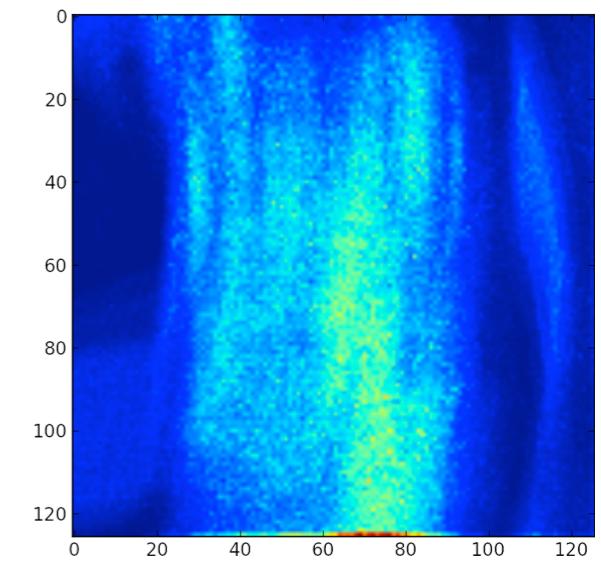
led, static



led, motion

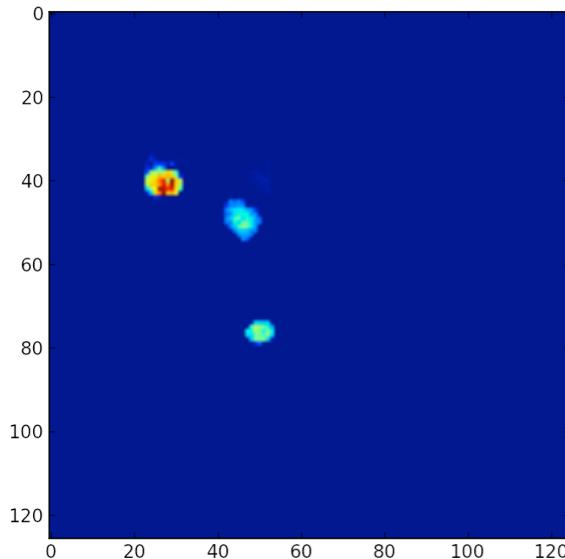


no led, motion

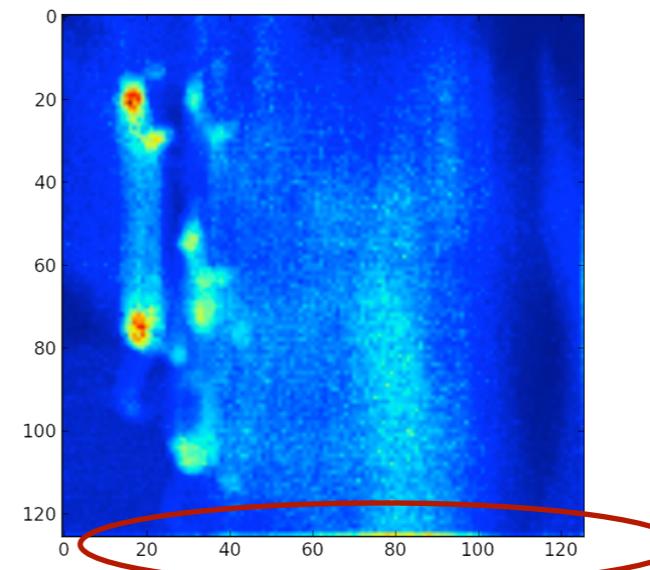


- Frequency between successive “-” signals,
averaged over all pixels.

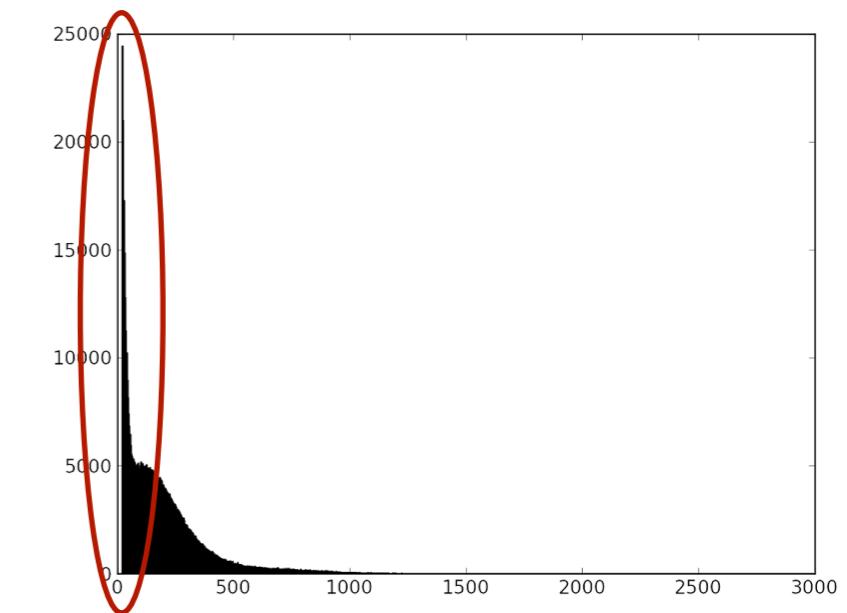
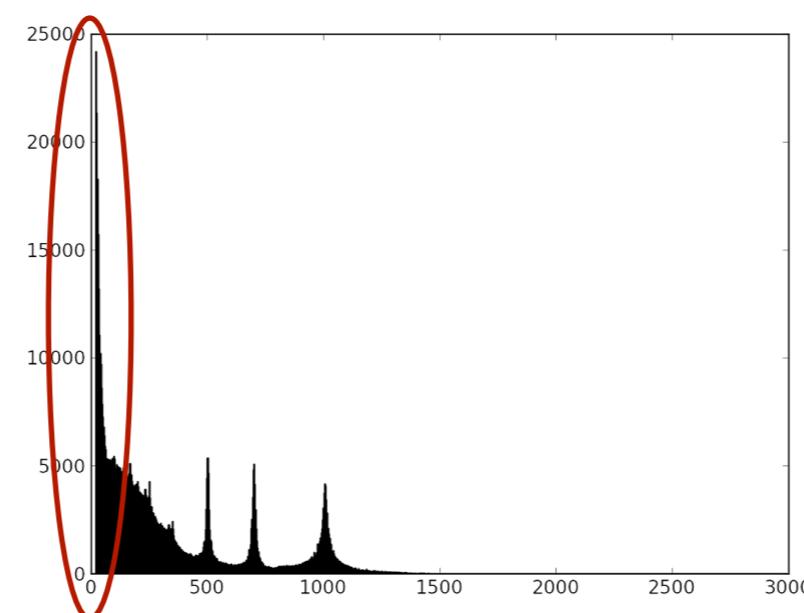
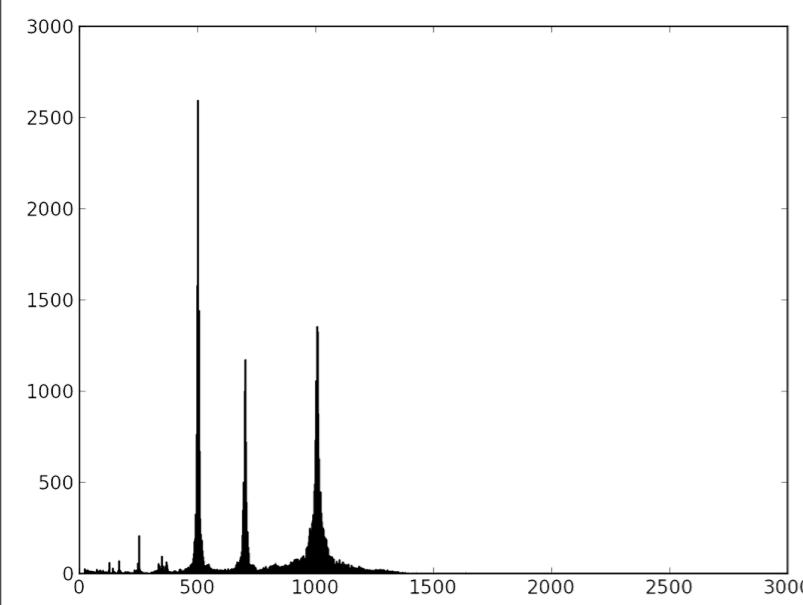
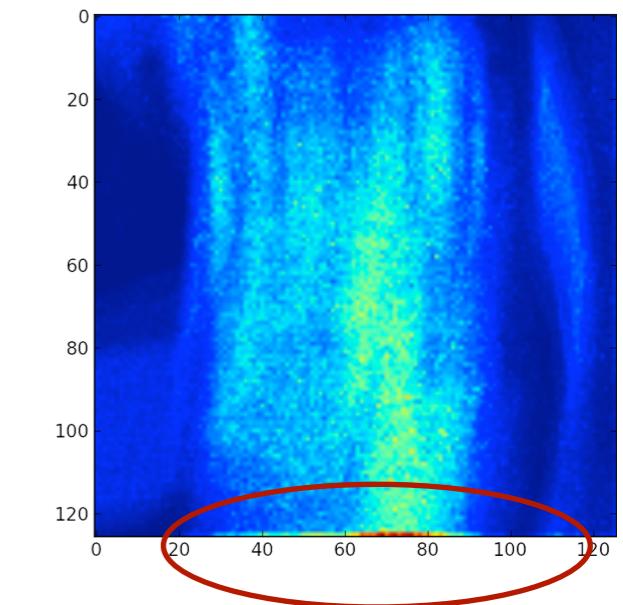
led, static



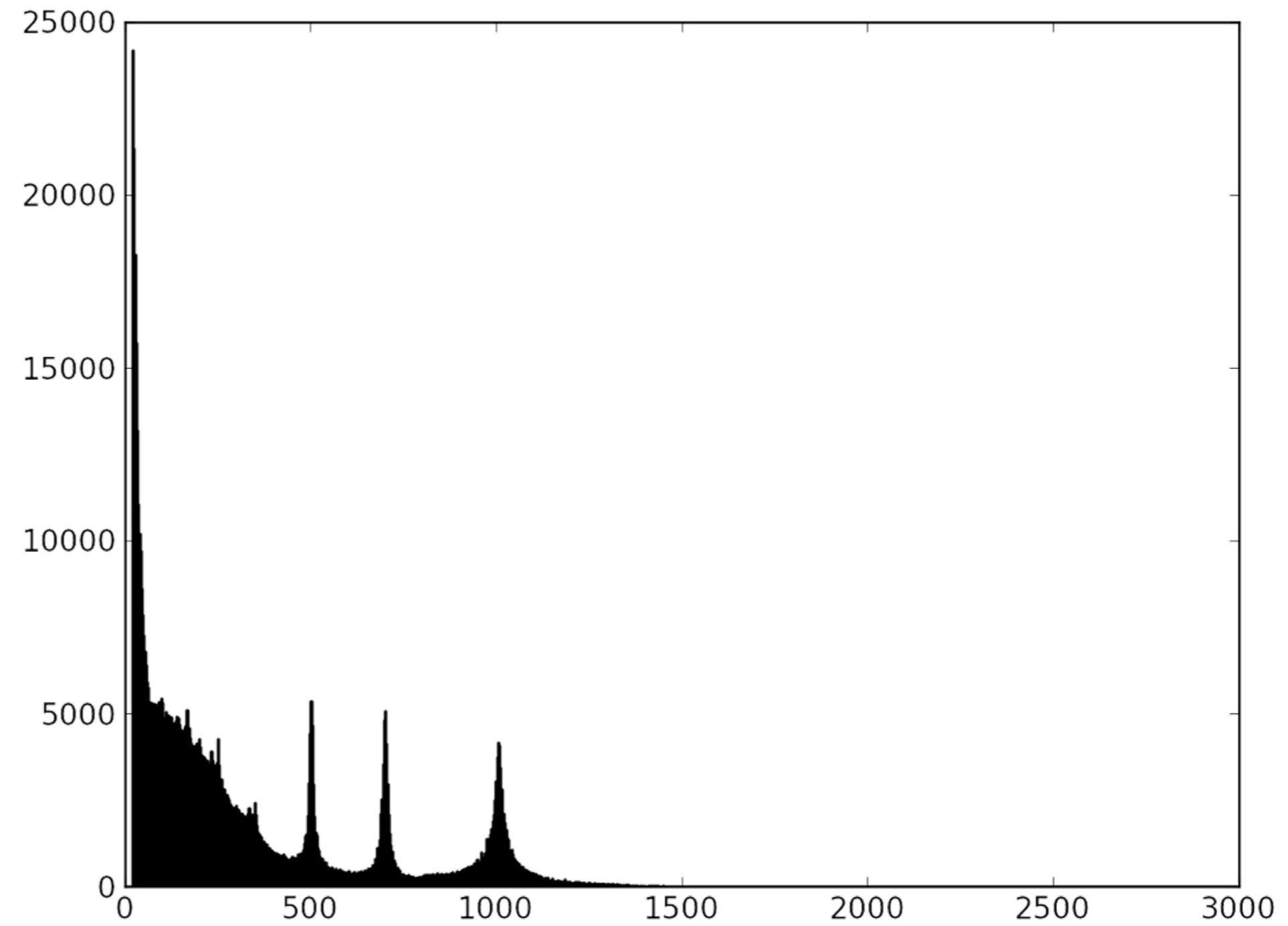
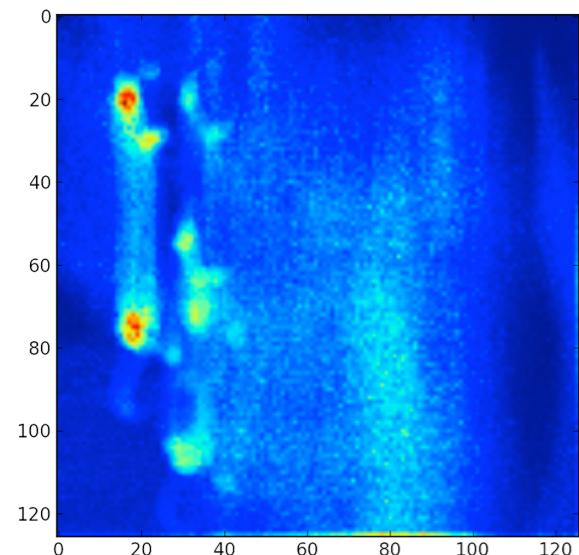
led, motion



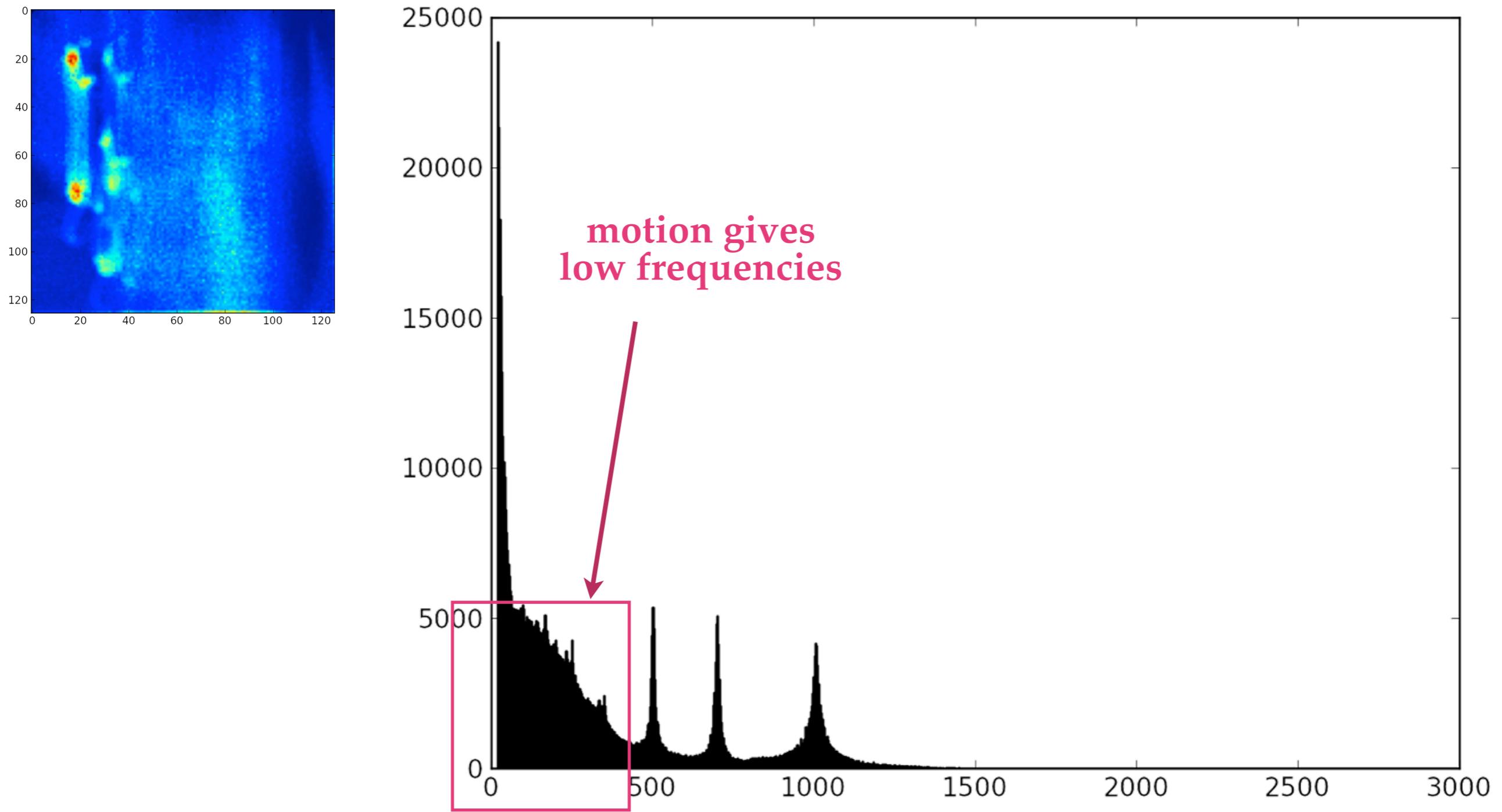
no led, motion



- Looks like the frequencies can be recovered with very simple clustering.



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