

Spectrum of changes in a cryobaffle barrel region in the movie

<https://youtu.be/743GMCZY7Y>

The cropped movie is first converted to black and white, then the difference is calculated for each pixel between two sequential frames. The standard deviation of all the individual pixel differences is taken to give a single number representing the magnitude of change between successive frames. The spectrum of this time series of frame changes shows that the camera is detecting flashing at the 3.85 Hz injection frequency. Harmonics of 2 Hz are in all movies from this camera.

