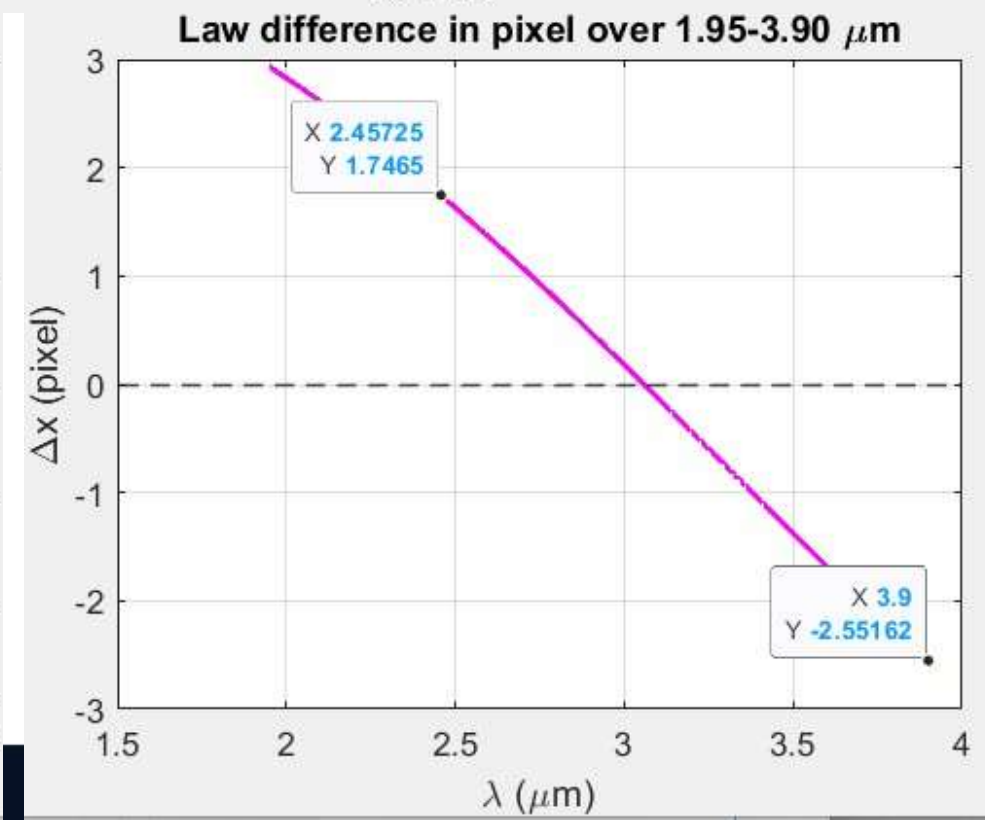
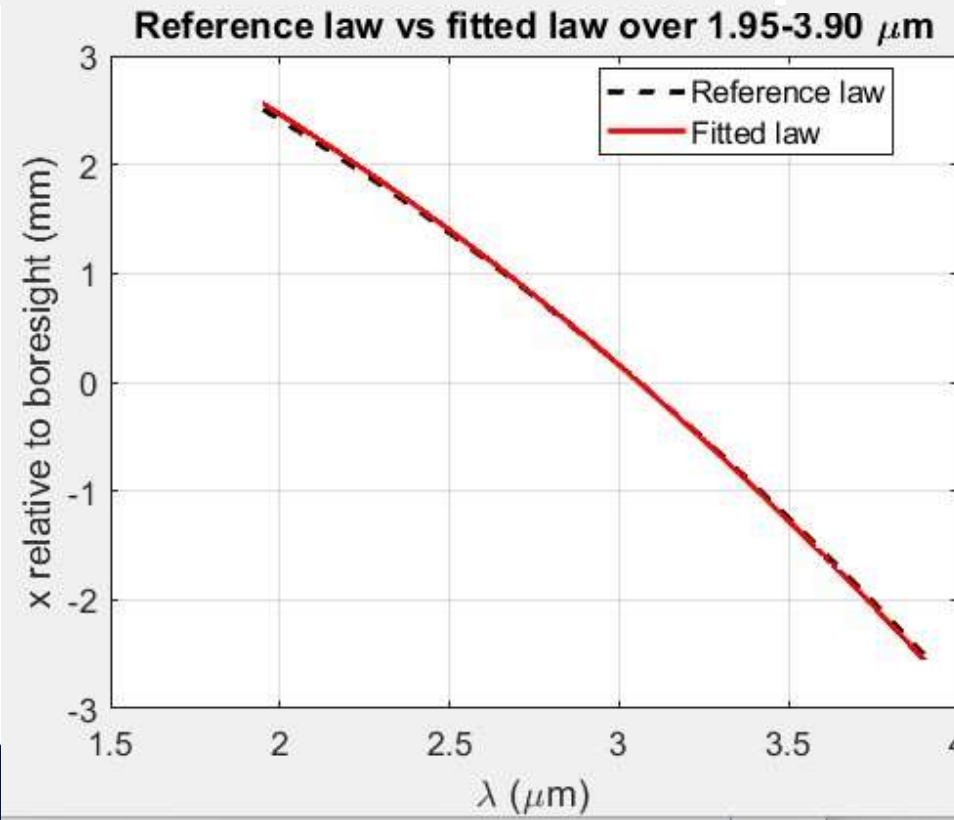
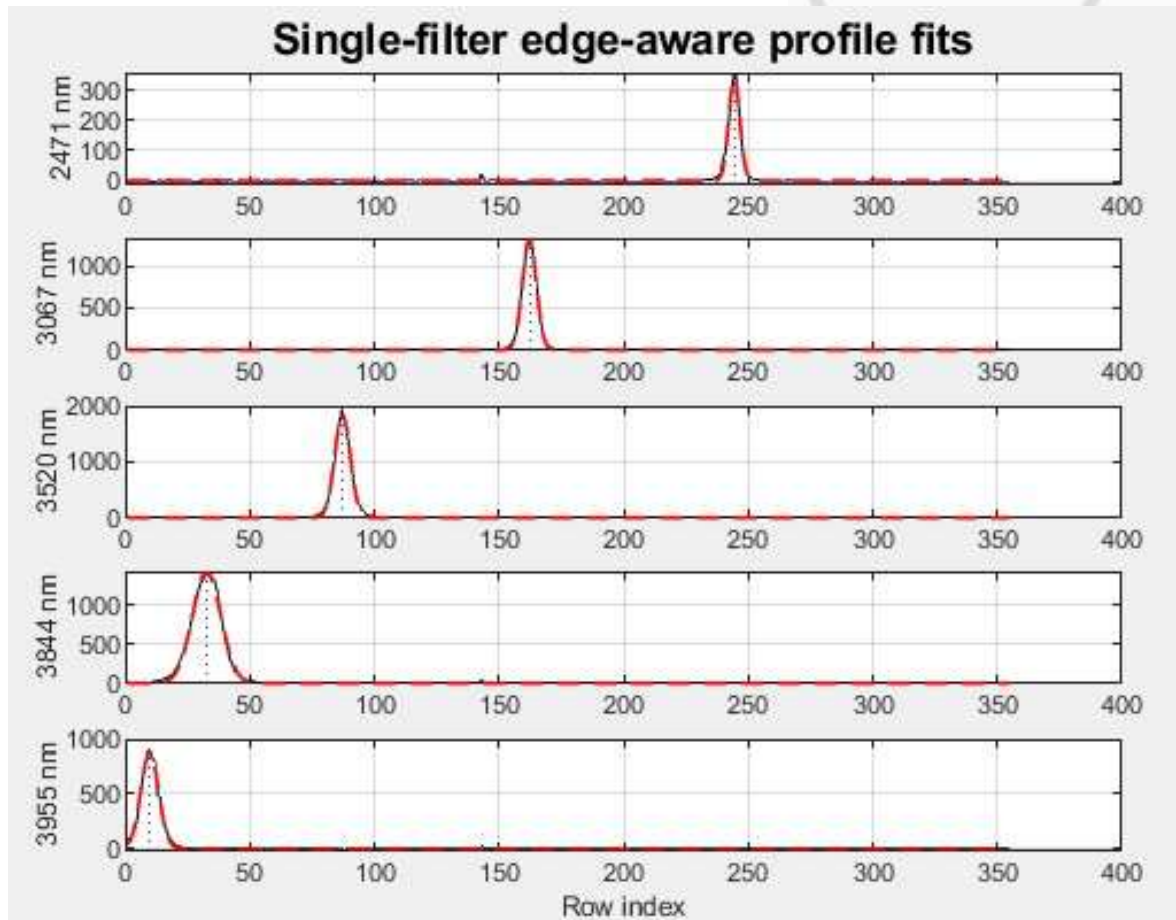
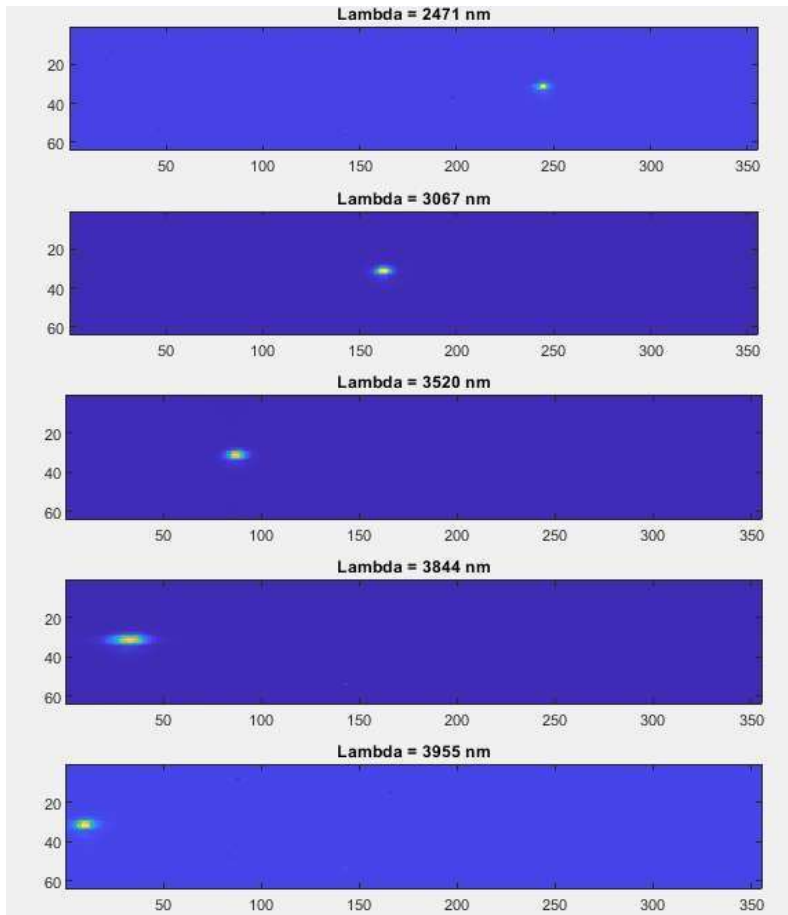


FWHM in spatial direction (white source and filters)





Registration



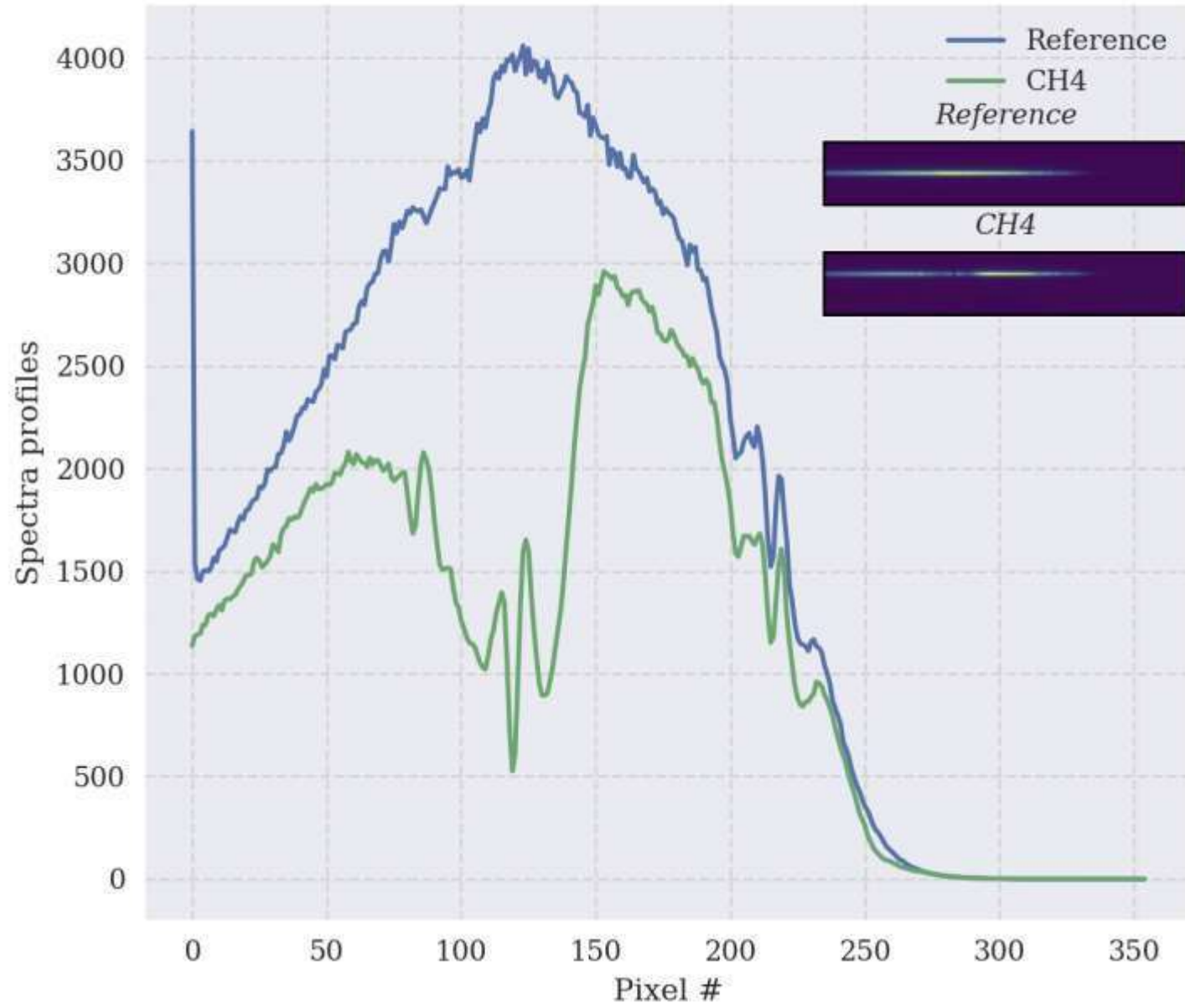


Methane acquisition

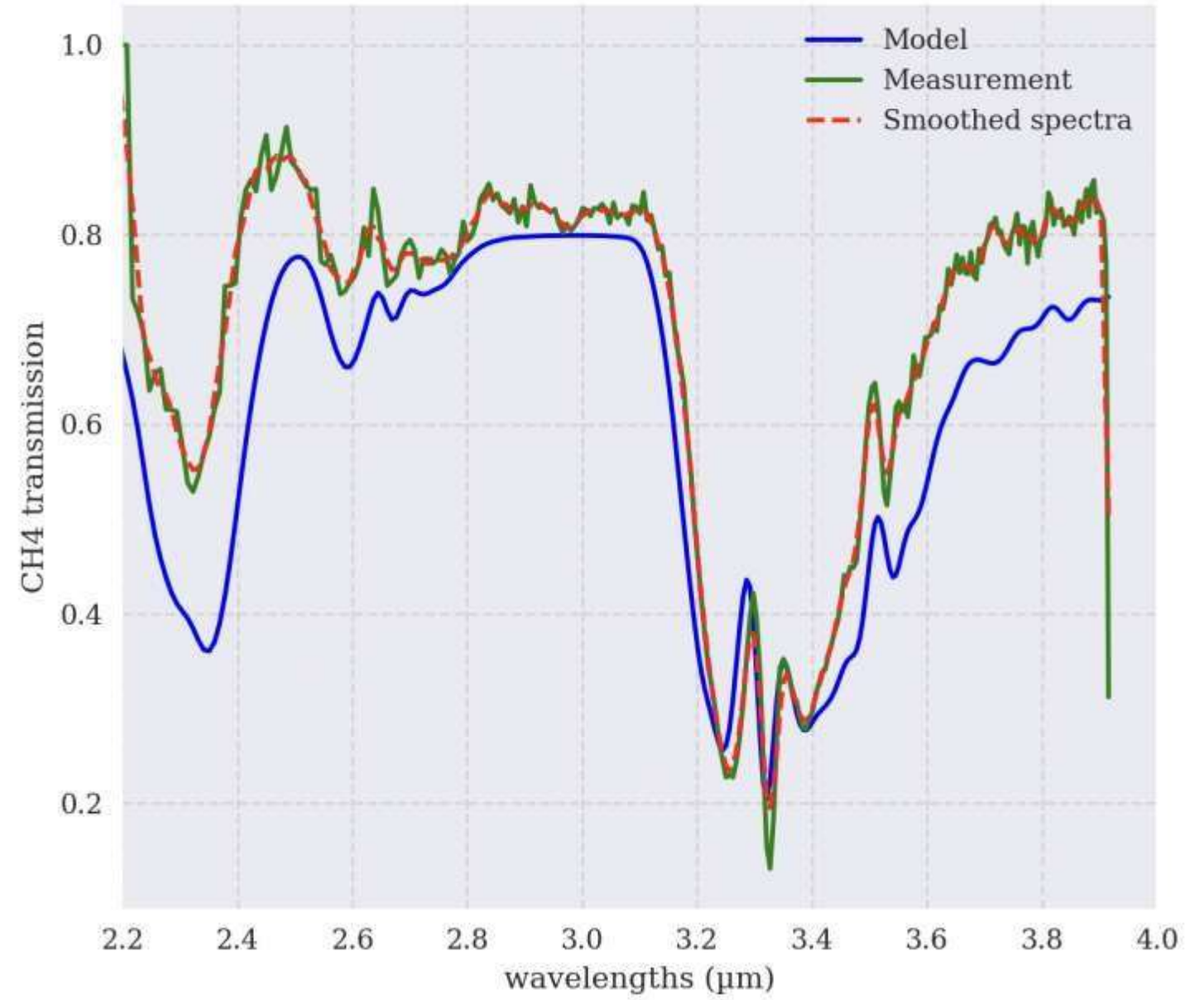




Spectra profile



CH4 spectra after optimized registration





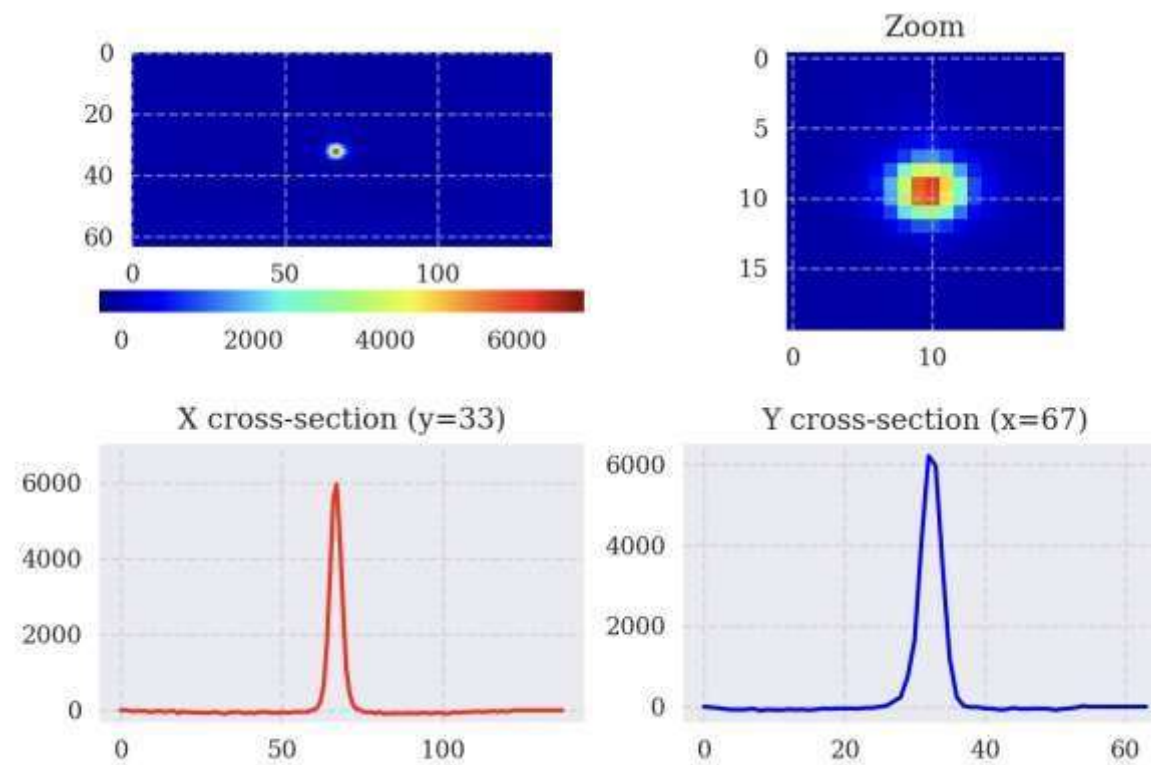
CHANNEL 1





Test configuration

- EM CU and AVM DCU
- CU temperature 60K
- Detectors temperature 34K
- CH0 cryo translation stage fixed in ND position
- CH1 cryo operational but will be moved from ND position to open position at the end of the campaign
- **OGSE transmission limited below $2.5\mu\text{m}$**



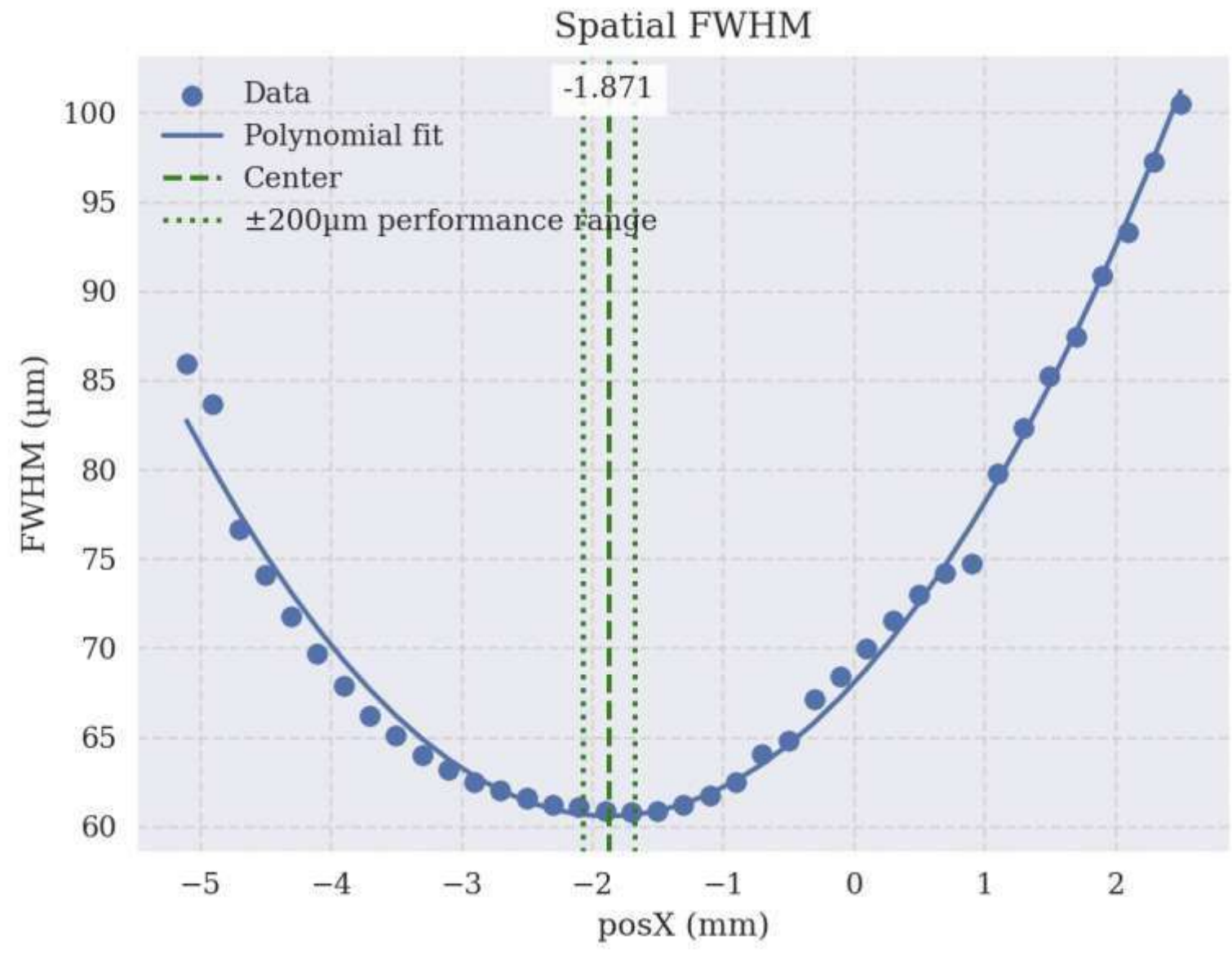
- Data are calibrated through the pipeline (up-to-date calibration product for detector only)



Focusing

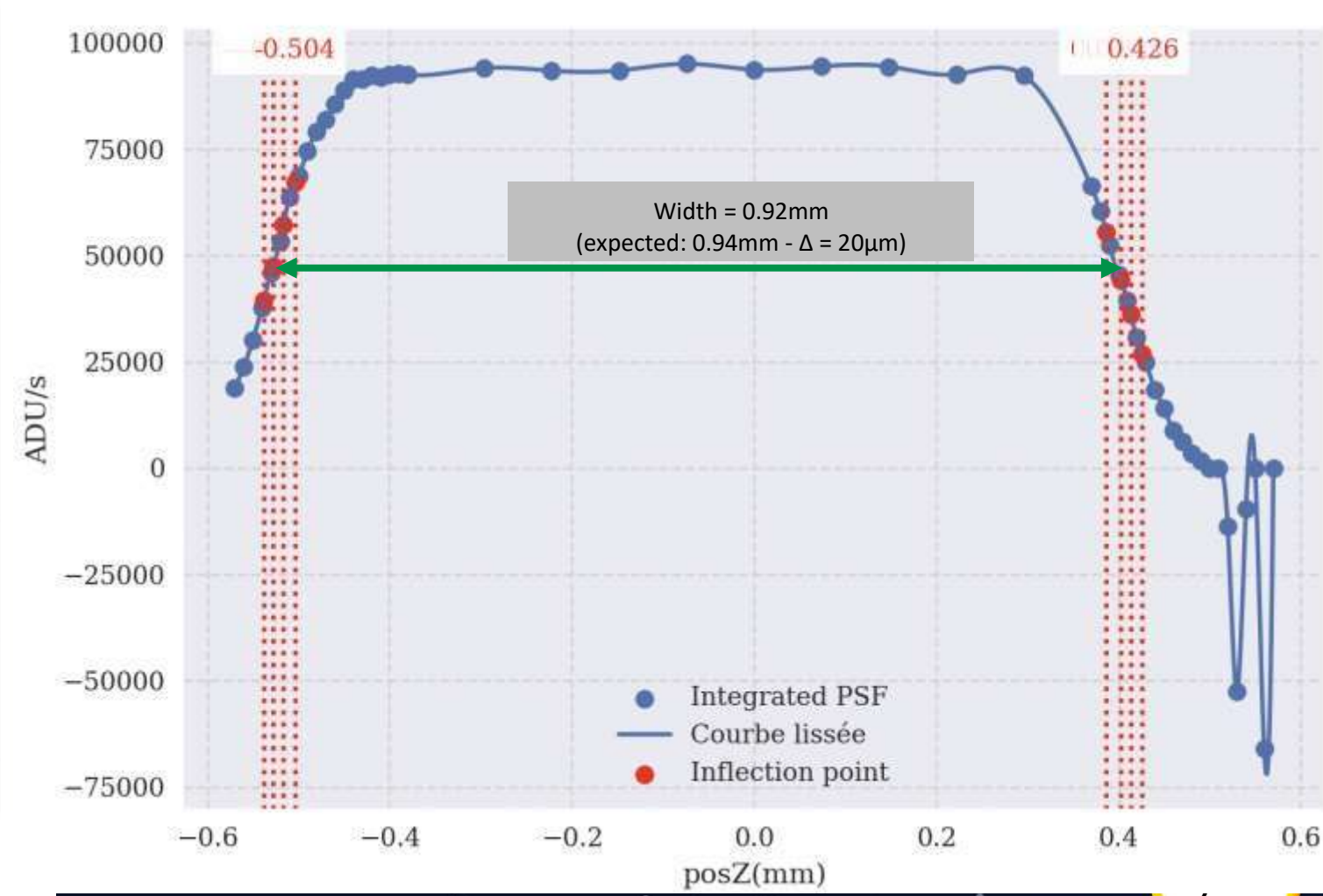
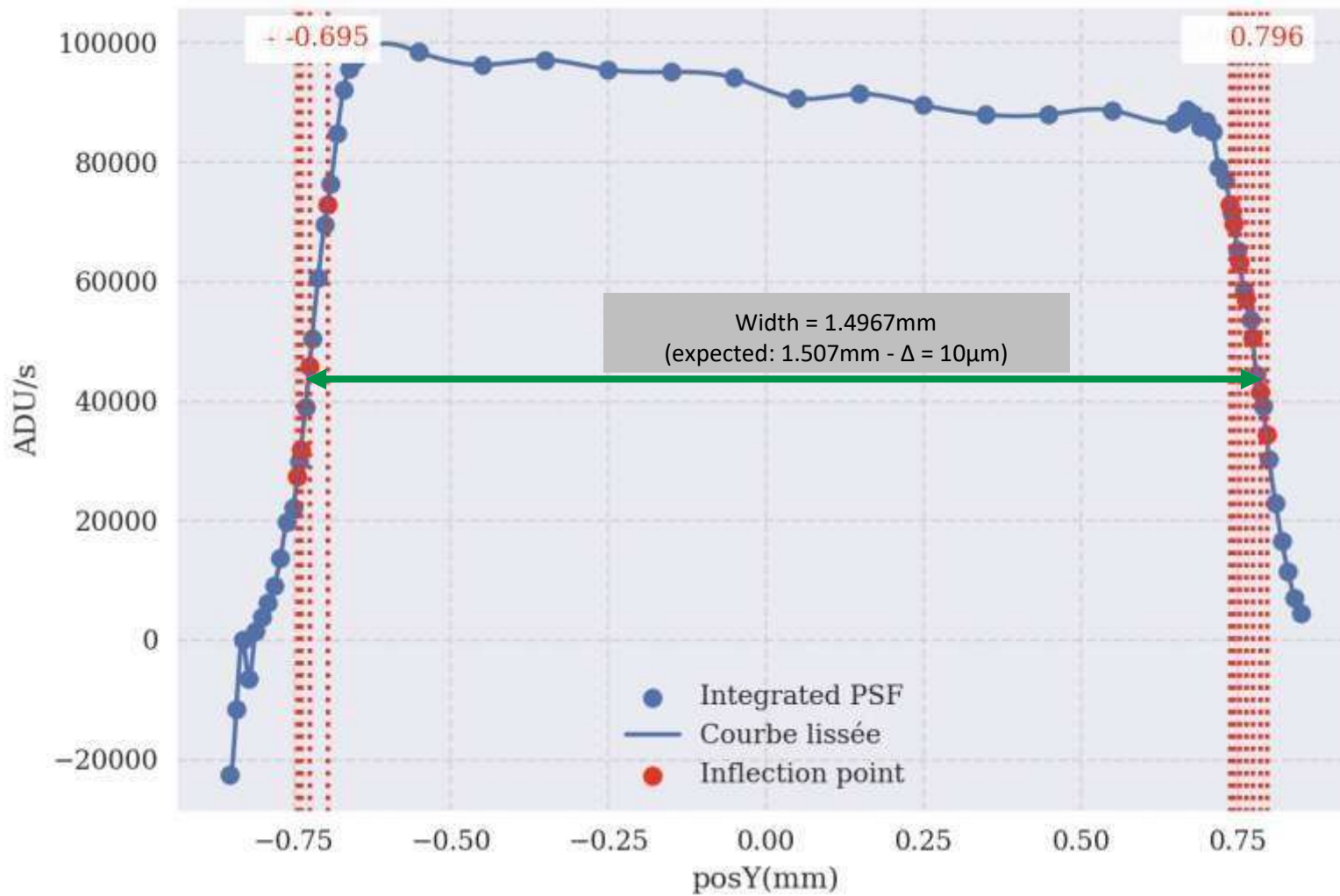
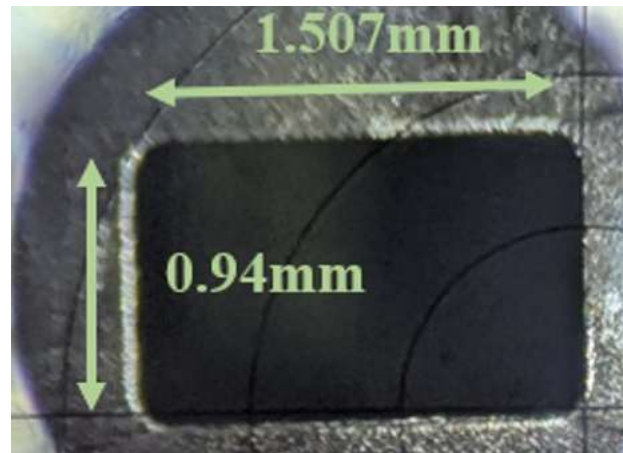
- Focusing at the entrance slit (hexapod position) to minimize the PSF FWHM
- Need to open cryo mechanism to point the tool mirror (end of campaign)







CH1 field of view



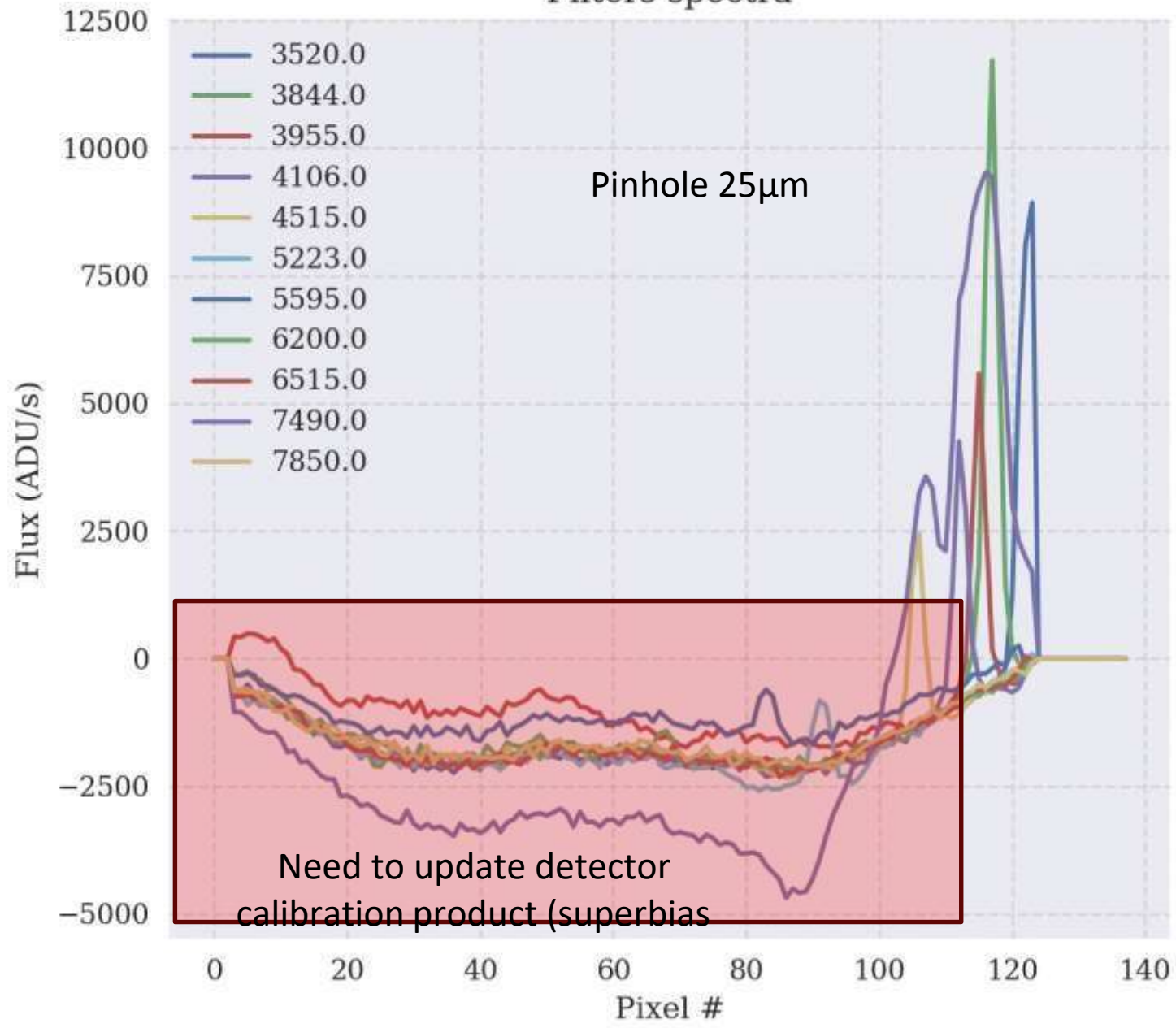


Filter scanning

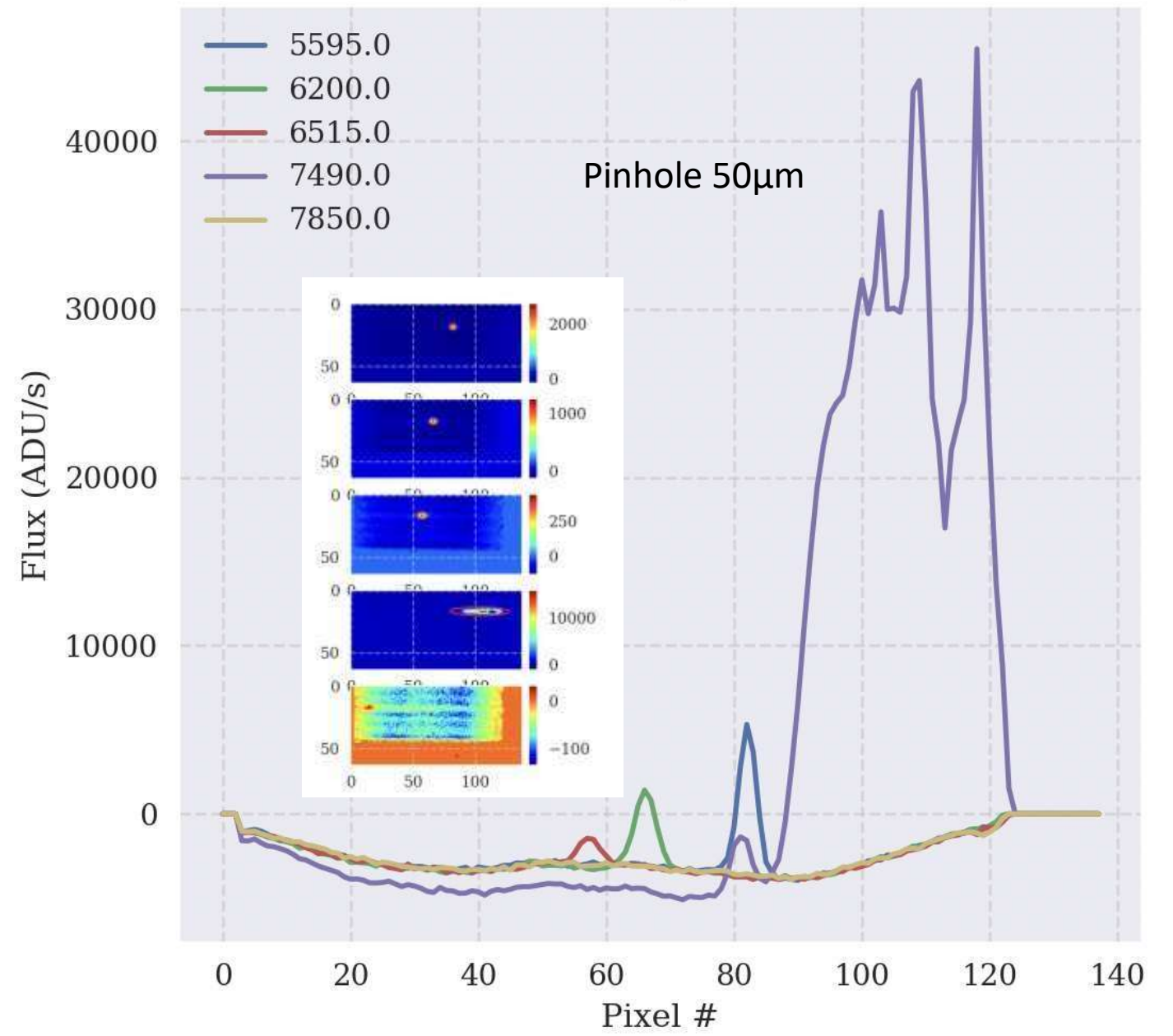




Filters spectra



Filters spectra





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