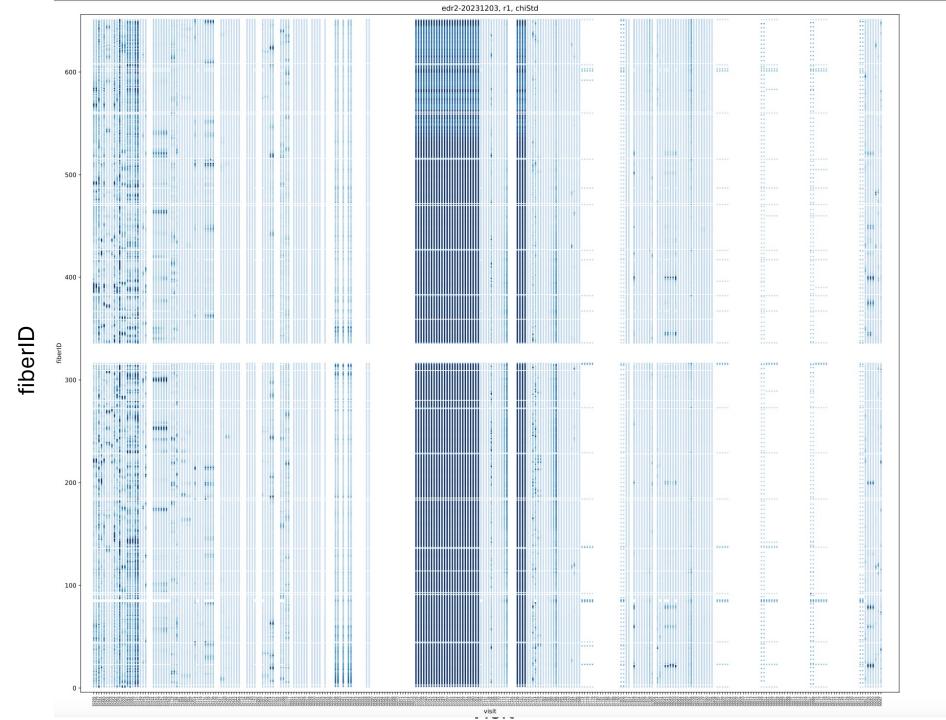
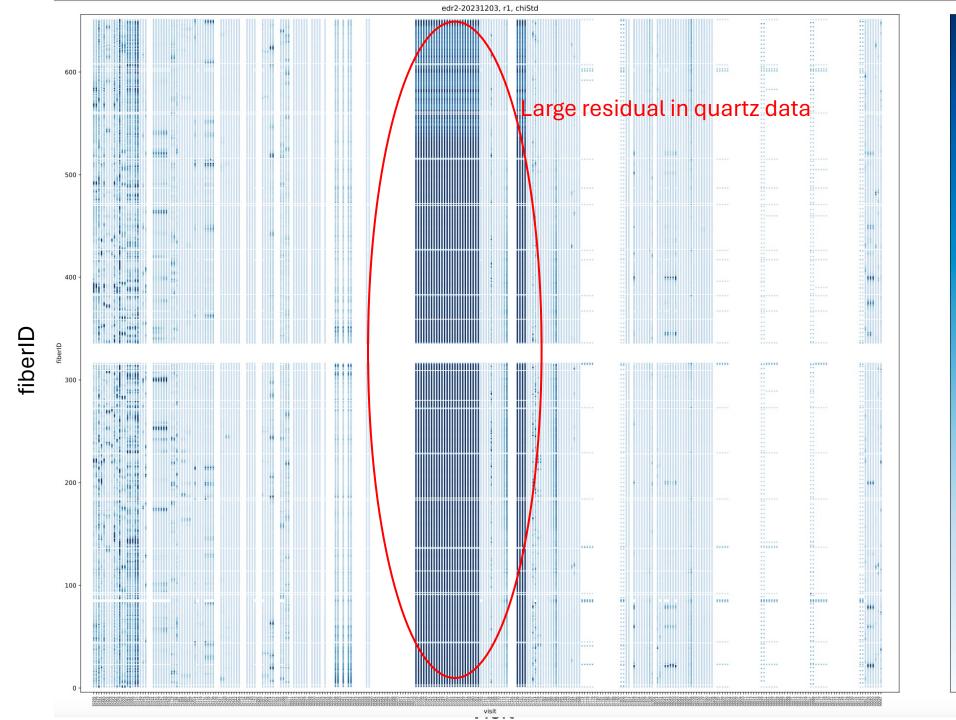
extractionQA for edr2-20231203 (r arm)

Satoshi Hamano (NAOJ)

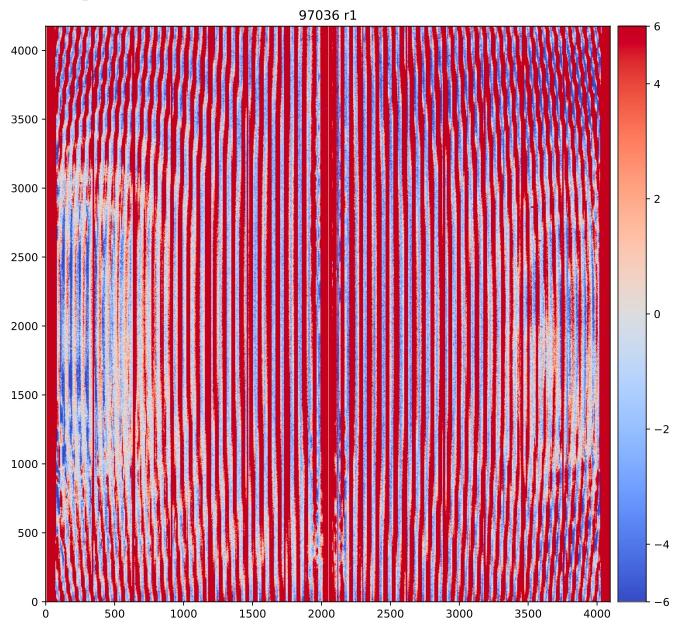
r1
chi's rms
for each
fiber



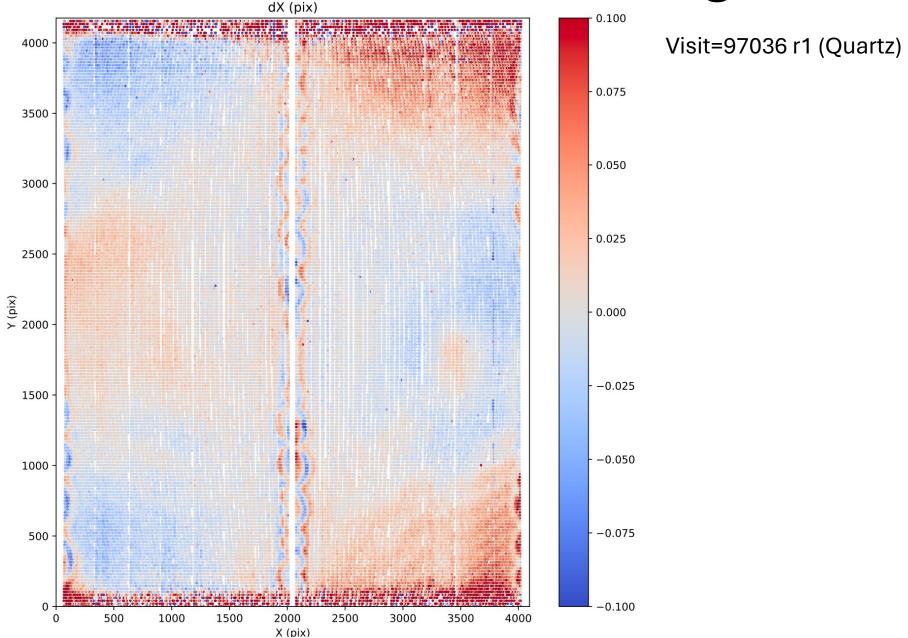
r1
chi's rms
for each
fiber



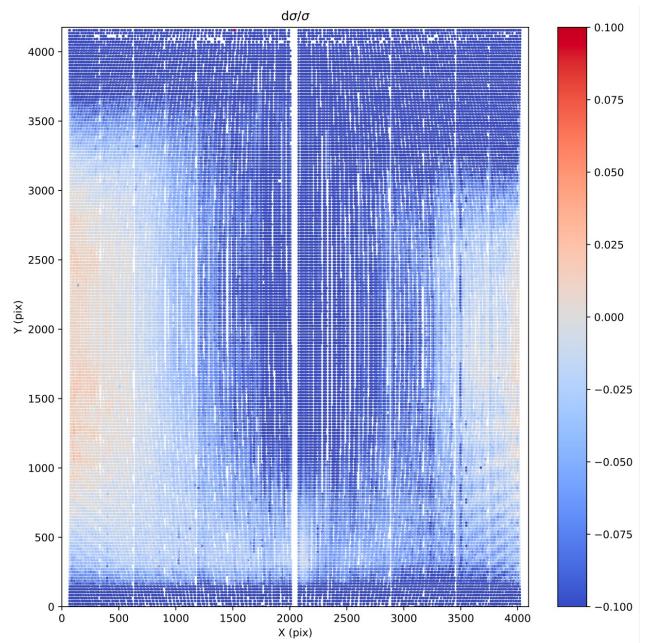
Chi map for Visit=97036 (Quartz)



Offset between model and calExp images

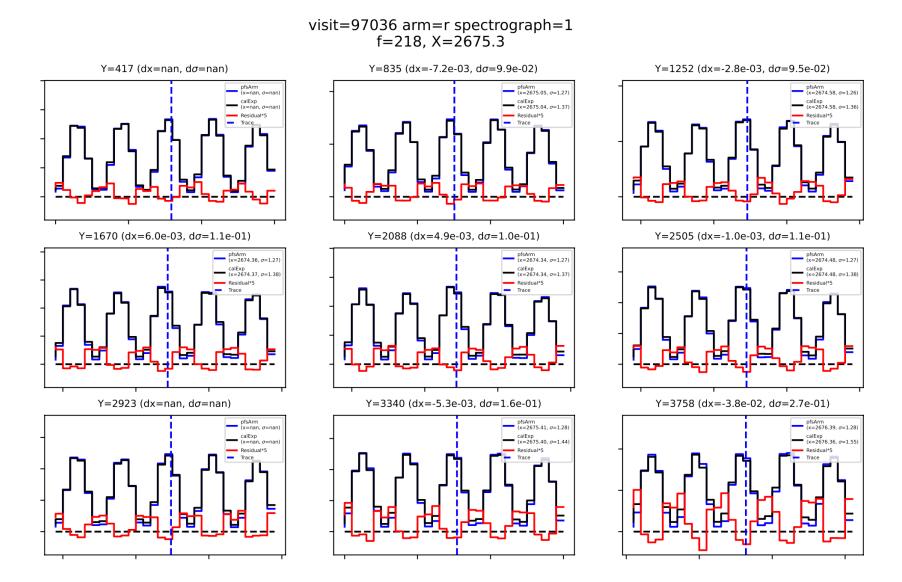


Width difference between model and calExp images

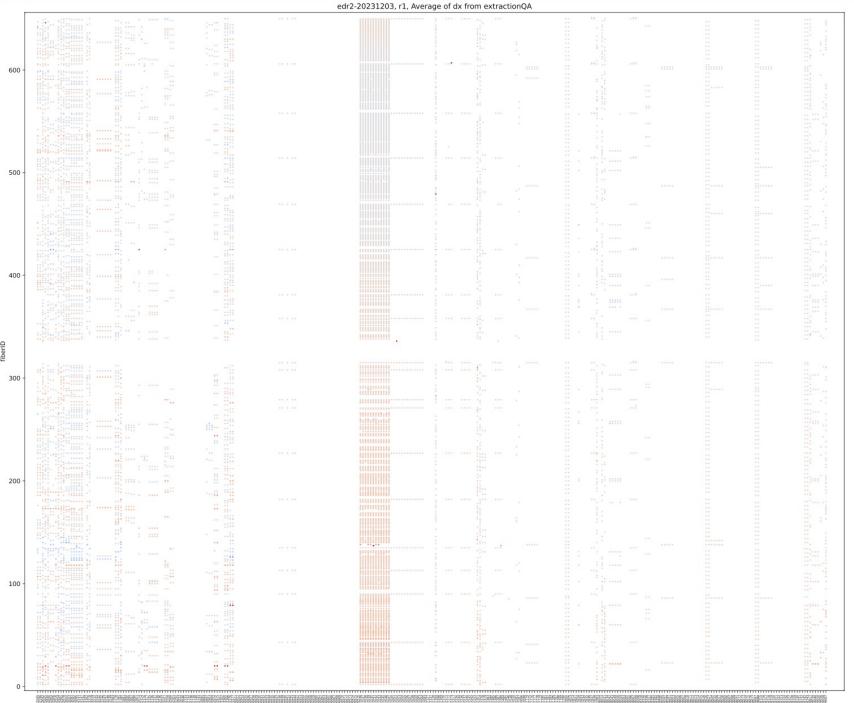


Visit=97036 r1 (Quartz)

Cross-cut profiles and residuals



dX map (r1)

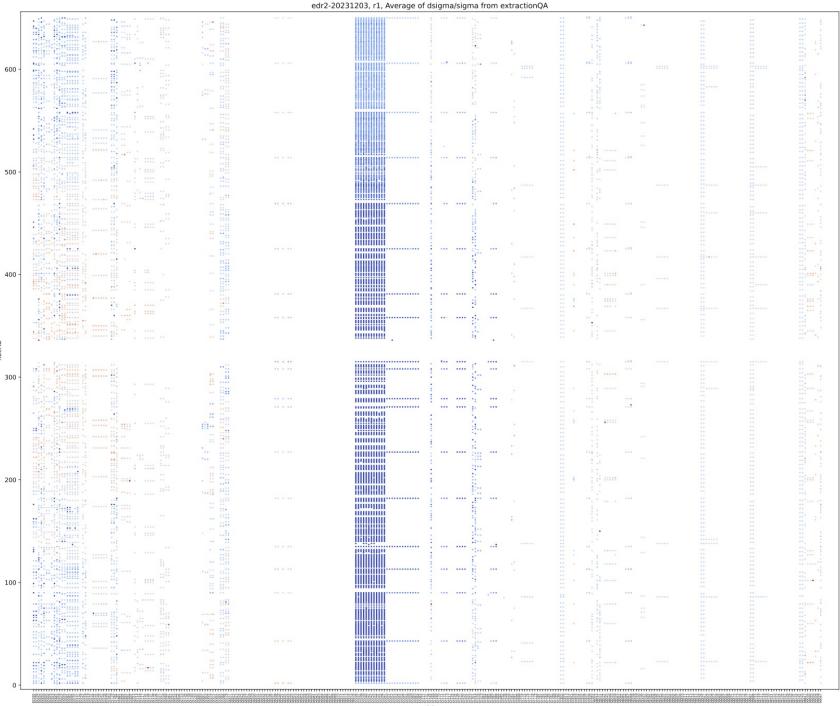


- 0.050

0.000

-0.025

$d\sigma/\sigma$ map (r1)



0.075

0.050

0.025

0.000

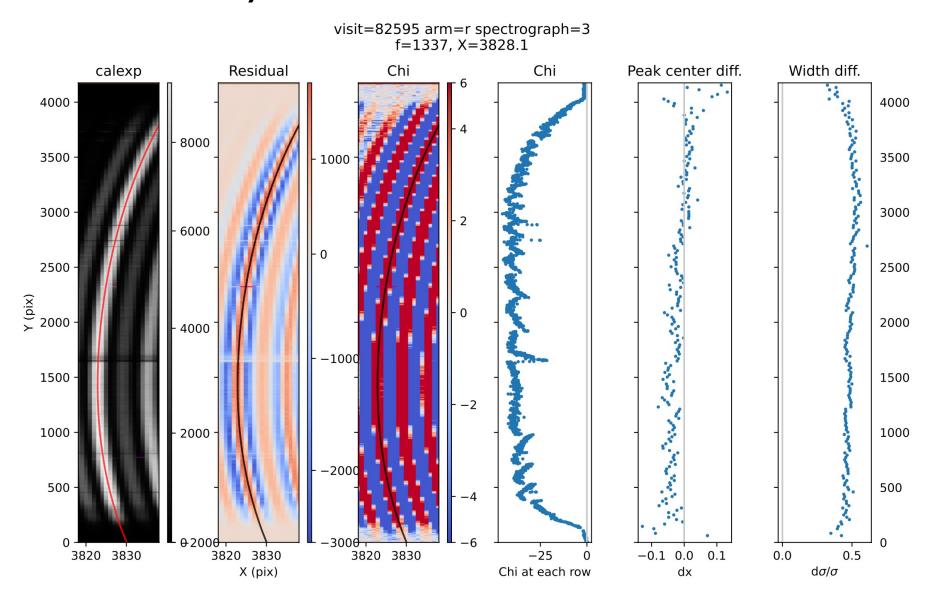
-0.025

-0.050

The r3 data of 82595-83249 visits have very large residual. Large residual in quartz data **(**97036-97047, 97050-97060, 97063. 97**064**) **r3** chi's rms for each fiberID fiber Especially large

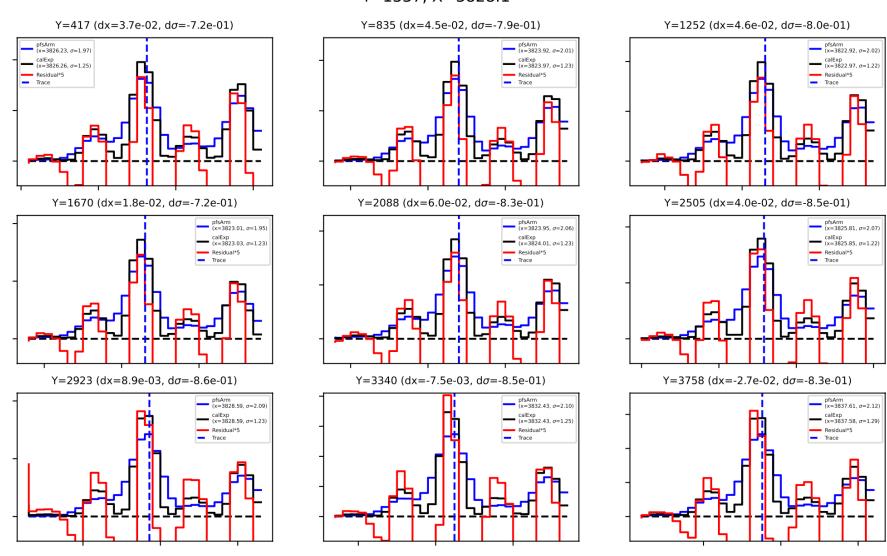
Visit

An example fiber with large residual (visit=82595)

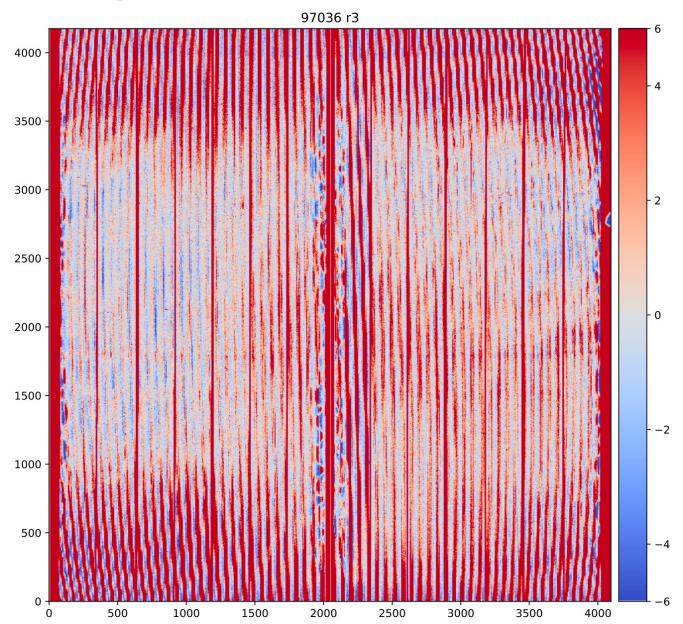


Cross-cut profiles and residuals (visit=82595)

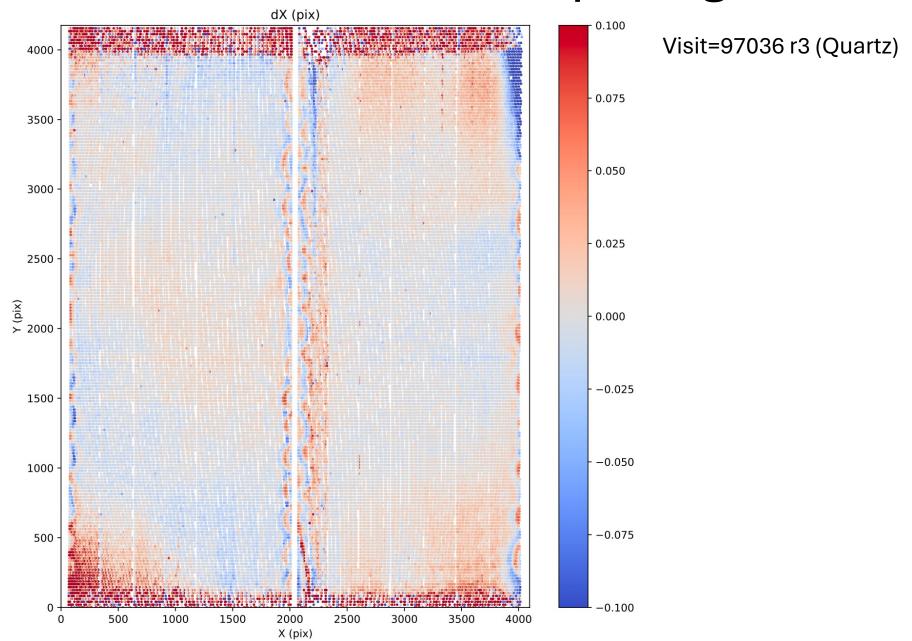
visit=82595 arm=r spectrograph=3 f=1337, X=3828.1



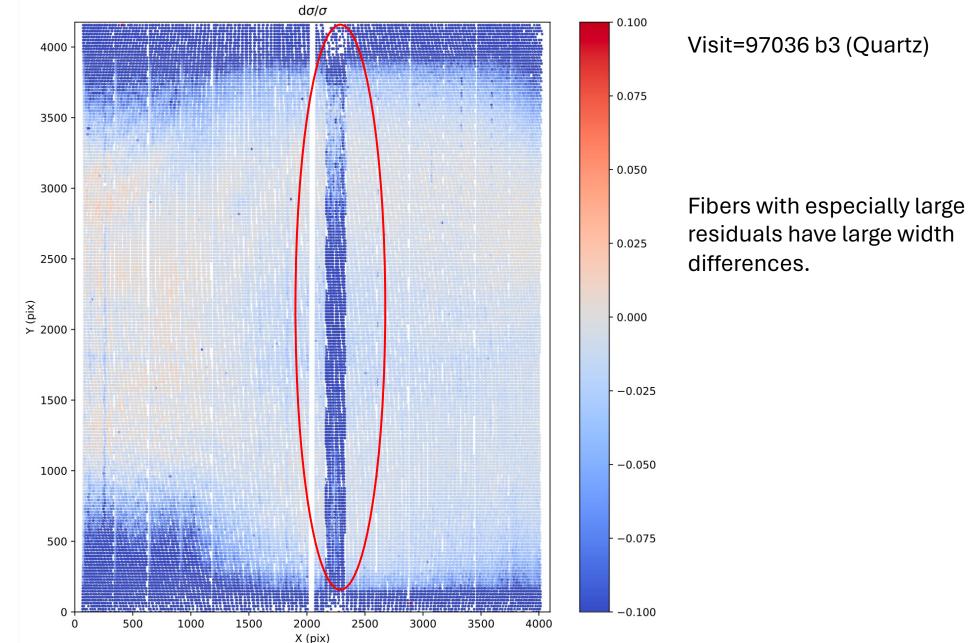
Chi map for Visit=97036 (Quartz)

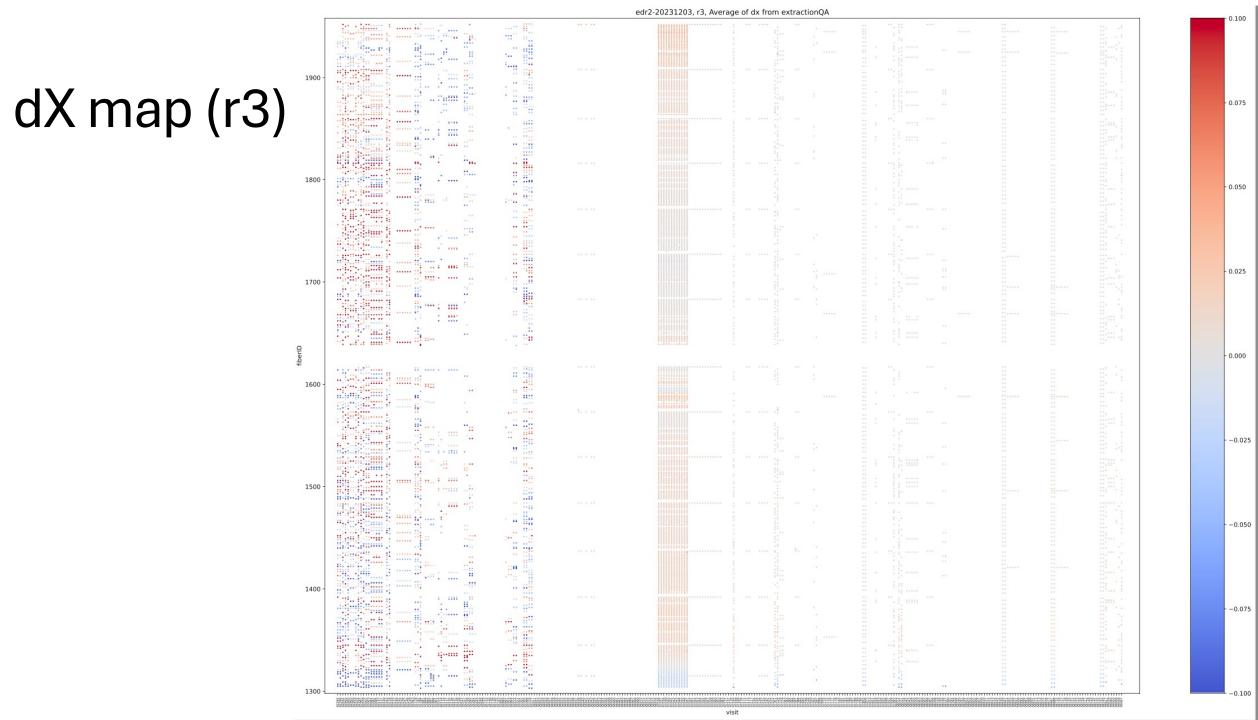


Offset between model and calExp images



Width difference between model and calExp images





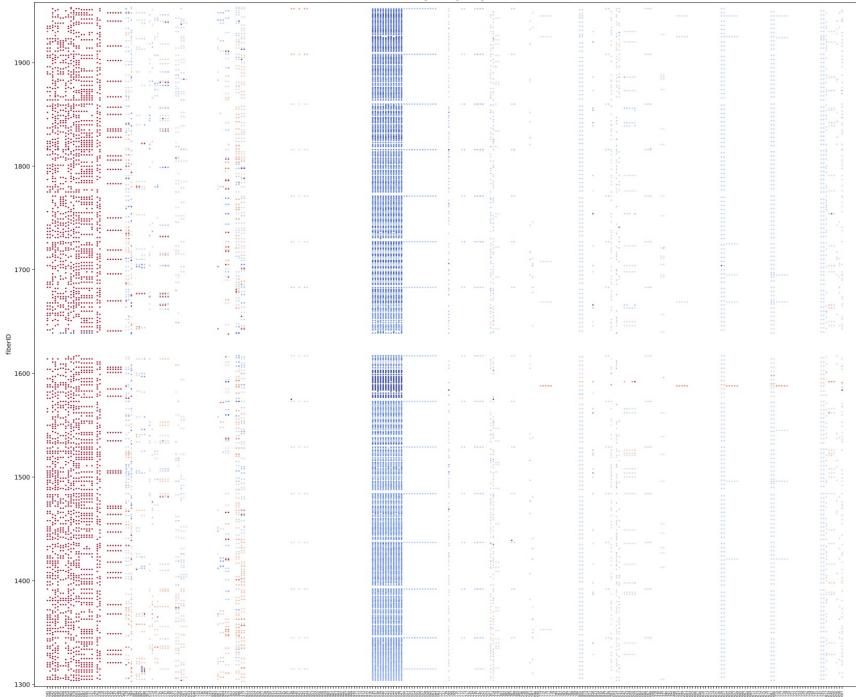
edr2-20231203, r3, Average of dsigma/sigma from extractionQA

0.050

0.000

-0.025

$d\sigma/\sigma$ map (r3)



100000000