Results in the small ROI

 $SNR \ ROI = 17.08 +- 0.112$ $SNR \ Ghost = 1.07 +- 0.009$

temporal SNR before and after drift correction $tSNR\ ROI = 31.83$ increases to 32.05

Results in the large ROI

 $SNR \ ROI = 14.16 +- 0.053$ $SNR \ Ghost = 1.07 +- 0.003$

Maximum Displacement = 55.84 pixels

Results in the small ROI

 $SNR \ ROI = 17.44 +- 0.101$ $SNR \ Ghost = 1.09 +- 0.008$

temporal SNR before and after drift correction $tSNR\ ROI = 32.65$ increases to 32.87

Results in the large ROI

SNR ROI = 14.49 +- 0.024SNR Ghost = 1.22 +- 0.002

Maximum Displacement = 56.86 pixels



