Results in the small ROI

 $SNR \ ROI = 17.12 +- 0.114$ $SNR \ Ghost = 1.07 +- 0.009$

temporal SNR before and after drift correction $tSNR\ ROI = 32.00$ increases to 32.23

Results in the large ROI

 $SNR \ ROI = 14.20 +- 0.057$ $SNR \ Ghost = 1.07 +- 0.003$

Maximum Displacement = 55.64 pixels

Results in the small ROI

 $SNR \ ROI = 17.50 +- 0.094$ $SNR \ Ghost = 1.09 +- 0.008$

temporal SNR before and after drift correction $tSNR\ ROI = 32.77$ increases to 32.99

Results in the large ROI

SNR ROI = 14.53 +- 0.024SNR Ghost = 1.22 +- 0.002

Maximum Displacement = 56.56 pixels



