Results in the small ROI

 $SNR \ ROI = 16.89 +- 0.113$ $SNR \ Ghost = 1.07 +- 0.008$

temporal SNR before and after drift correction $tSNR\ ROI = 31.56$ increases to 31.79

Results in the large ROI

 $SNR \ ROI = 14.13 +- 0.057$ $SNR \ Ghost = 1.07 +- 0.004$

Maximum Displacement = 57.12 pixels

Results in the small ROI

 $SNR \ ROI = 17.26 +- 0.093$ $SNR \ Ghost = 1.09 +- 0.008$

temporal SNR before and after drift correction $tSNR\ ROI = 32.31\ increases\ to\ 32.53$

Results in the large ROI

SNR ROI = 14.48 +- 0.023SNR Ghost = 1.22 +- 0.002

Maximum Displacement = 58.10 pixels



