Results in the small ROI

 $SNR \ ROI = 13.02 +- 0.091$ $SNR \ Ghost = 1.08 +- 0.009$

temporal SNR before and after drift correction $tSNR\ ROI = 21.99$ increases to 23.53

Results in the large ROI

SNR ROI = 10.88 +- 0.041 SNR Ghost = 1.08 +- 0.005

Maximum Displacement = 48.52 pixels

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