Results in the small ROI

 $SNR \ ROI = 18.33 +- 0.114$ $SNR \ Ghost = 1.07 +- 0.008$

temporal SNR before and after drift correction $tSNR\ ROI = 33.44$ increases to 33.69

Results in the large ROI

SNR ROI = 15.11 +- 0.045 SNR Ghost = 1.06 +- 0.002

Maximum Displacement = 56.35 pixels

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