Results in the small ROI

 $SNR \ ROI = 12.96 +- 0.105$ $SNR \ Ghost = 1.08 +- 0.008$

temporal SNR before and after drift correction $tSNR\ ROI = 21.17$ increases to 23.40

Results in the large ROI

SNR ROI = 10.88 +- 0.054 SNR Ghost = 1.08 +- 0.005

Maximum Displacement = 48.45 pixels

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