Results in the small ROI

SNR ROI = 18.17 +- 0.119 SNR Ghost = 1.07 +- 0.009

temporal SNR before and after drift correction tSNR ROI = 33.18 increases to 33.42

Results in the large ROI

SNR ROI = 15.00 +- 0.035 SNR Ghost = 1.07 +- 0.002

Maximum Displacement = 56.46 pixels

Results in the small ROI

SNR ROI = 18.64 +- 0.108 SNR Ghost = 1.06 +- 0.008

temporal SNR before and after drift correction  $tSNR\ ROI = 34.08$  increases to 34.33

Results in the large ROI

SNR ROI = 15.41 +- 0.029SNR Ghost = 1.07 +- 0.002

Maximum Displacement = 57.29 pixels

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