Results in the small ROI

SNR ROI = 18.28 +- 0.118 SNR Ghost = 1.07 +- 0.008

temporal SNR before and after drift correction tSNR ROI = 33.24 increases to 33.47

Results in the large ROI

SNR ROI = 14.87 +- 0.049 SNR Ghost = 1.06 +- 0.002

Maximum Displacement = 57.34 pixels

Results in the small ROI

SNR ROI = 18.63 +- 0.110 SNR Ghost = 1.06 +- 0.008

temporal SNR before and after drift correction  $tSNR\ ROI = 33.96$  increases to 34.21

Results in the large ROI

SNR ROI = 15.21 +- 0.040SNR Ghost = 1.07 +- 0.002

Maximum Displacement = 58.05 pixels

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