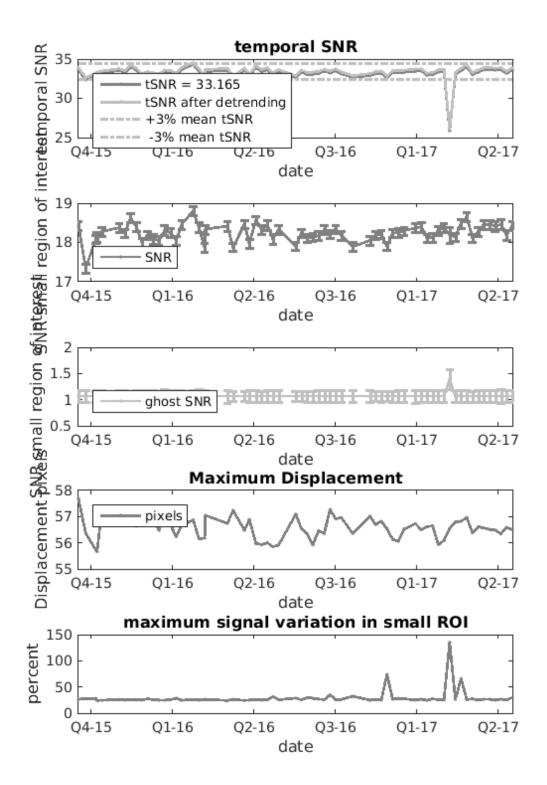
Results in the small ROI

 $SNR \ ROI = 18.24 +- 0.225$  $SNR \ Ghost = 1.07 +- 0.040$ 

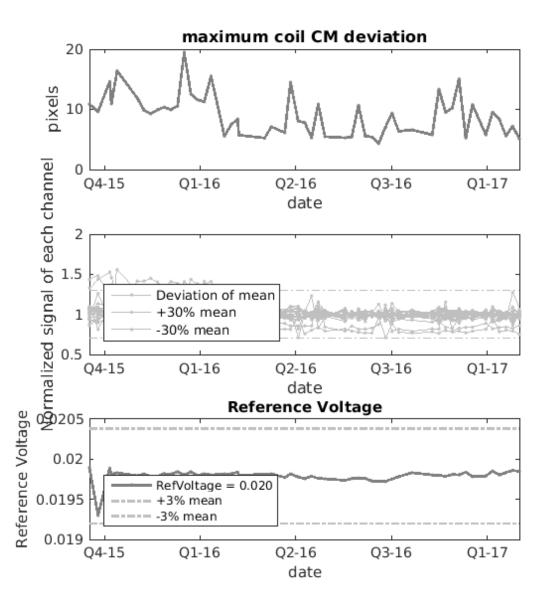
temporal SNR before and after drift correction tSNR ROI = 33.17 increases to 0.99 tSNR detrend = 33.41 increases to 1.00



```
Error in /project/3055010.02/QualityAssessment/ScannerData/Prisma/
QA 20170214/DICOMS, index = 54
Error in /project/3055010.02/QualityAssessment/ScannerData/Prisma/
QA = 20170221/DICOMS, index = 55
Error in /project/3055010.02/QualityAssessment/ScannerData/Prisma/
QA_20170228/DICOMS, index = 56
Error in /project/3055010.02/QualityAssessment/ScannerData/Prisma/
QA_20170307/DICOMS, index = 57
Error in /project/3055010.02/QualityAssessment/ScannerData/Prisma/
QA_20170314/DICOMS, index = 58
Error in /project/3055010.02/QualityAssessment/ScannerData/Prisma/
QA_20170321/DICOMS, index = 59
Error in /project/3055010.02/QualityAssessment/ScannerData/Prisma/
QA_20170328/DICOMS, index = 60
Error in /project/3055010.02/QualityAssessment/ScannerData/Prisma/
QA_20170404/DICOMS, index = 61
Error in /project/3055010.02/QualityAssessment/ScannerData/Prisma/
QA_20170411/DICOMS, index = 62
Error in /project/3055010.02/QualityAssessment/ScannerData/Prisma/
QA_20170418/DICOMS, index = 63
Error in /project/3055010.02/QualityAssessment/ScannerData/Prisma/
QA_20170425/DICOMS, index = 64
Error in /project/3055010.02/QualityAssessment/ScannerData/Prisma/
```

QA 20170502/DICOMS, index = 65

3



Results in the small ROI

 $SNR \ ROI = 18.47 +- 0.619$  $SNR \ Ghost = 1.07 +- 0.041$ 

temporal SNR before and after drift correction tSNR ROI = 36.40 increases to 14.54 tSNR detrend = 36.77 increases to 14.69

