



National Aeronautics and Space  
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# WISE Operations MMR

## IPAC/WSDS Weekly Status Report

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# Correction of output-amplifier fluctuations in W1 & W2



- algorithm designed by Doug Hoffman: currently being implemented for v4.0
- two main signatures:
  - correlated noise within output-amplifier channels (e.g., checker-board patterns)
  - inter-channel fluctuations where all pixels of a channel vary relative to neighboring channels
- corrected using reference pixel signals (on per-channel basis) and Fourier fitting
- overall, amplitudes of fluctuations reduced by ~30 - 60%
- algorithm details are in:  
<http://wise2.ipac.caltech.edu/proj/dhoffman/W12.html>
- PTO for examples

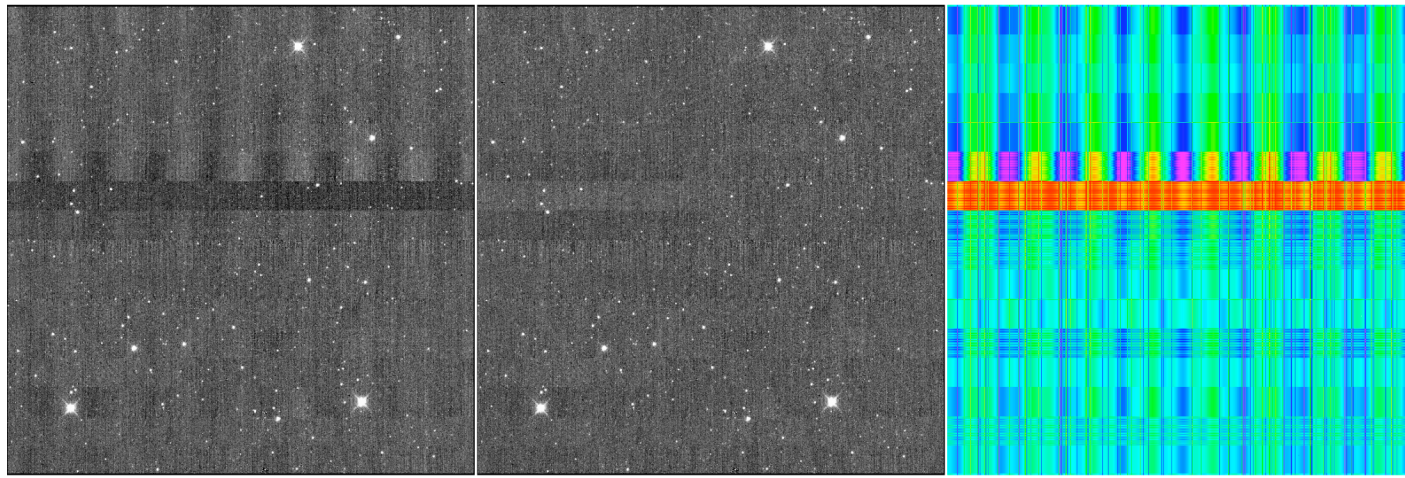




# Prelim result for W2



WSDC Status



Min ~ -3.5DN

before correction

after correction

after - before

Max ~ +4.5DN

