# V&V Summary Report
# L2 ASCDS Version : 10.5

Observation 18453 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 8 2016

See axaff18453N002_VV001_vvref2.pdf for the full report

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|---|---|
| V&V Scientist | Beth Sundheim |
| V&V Date (YYYY-MM-DD) | 2016.07.08 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 42.07581399262 |

## Comments

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The guide star in slot 7 was removed from the aspect solution due to
poor data quality. The aspect solution is improved by the removal of
this star from the solution.
A spatial region of the original bias map for CCD = 3 suffered from
anomalously high data values. Pixels in the event data that were
bias-corrected by one of the original affected bias pixels may have an
apparent energy shift. While the change in energy is expected to be
small (~20 eV), it depends on many parameters that have not yet been
fully explored for this bias anomaly. The bias map for CCD = 3 has been
reconstructed for this processing to remove this anomaly using scaled
data from a comparable bias map from another observation. The pixels
affected by the anomaly are bounded by sky coords:
(261.13809,-34.07018), (261.13490,-34.07127), (261.18475,-34.17031),
(261.18795,-34.16922).
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| seq_num | 201082 | Sequence number |
|---|---|---|
| obs_id | 18453 | Observation id |
| title | NGC 6357: Is the stellar cluster formation rapid and coeval in the presence of very massive O stars? | Proposal title |
| observer | Gordon Garmire | Principal investigator |
| object | NGC6357_CS61 | Source name |
| dtycycle | 0 | &#160 |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 261.18125 | Observer's specified target RA [deg] |
| dec_targ | -34.199139 | Observer's specified target Dec [deg] |
| ra_nom | 261.18697217329 | Nominal RA [deg] |
| dec_nom | -34.203966454502 | Nominal Dec [deg] |
| roll_nom | 292.63326821697 | Nominal Roll [deg] |
| revision | 2 | Processing version of data |
| ontime | 42075.81399262 | Sum of GTIs [s] |
| livetime | 41526.062507042 | Livetime [s] |
| ontime0 | 42072.54974246 | Sum of GTIs [s] |
| ontime1 | 42075.731892705 | Sum of GTIs [s] |
| ontime2 | 42078.91393292 | Sum of GTIs [s] |
| ontime3 | 42075.81399262 | Sum of GTIs [s] |
| l2events | 128690 | Number of level 2 events |



o = target
x = nominal pointing