

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 14484 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 2 2014

See axaff14484N002\_VV001\_vvref2.pdf for the full report

|                            |                 |
|----------------------------|-----------------|
| V&V Scientist              | Beth Sundheim   |
| V&V Date (YYYY-MM-DD)      | 2014.12.10      |
| V&V Edition                | 1               |
| V&V Disposition and Status | OK              |
| V&V Charge Time            | 19.065403045356 |

## Comments

Joint proposal with HST.

These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

|          |  |   |
|----------|--|---|
| seq_num  | 702721   | Sequence number                             |
| obs_id   | 14484  | Observation id                              |
| title    | ENERGY DEPENDENT X-RAY MICROLENSING AND THE STRUCTURE OF QUASARS | P   |
| observer | Prof. Christopher Kochanek                                       | Principal investigator                      |
| object   | QJ0158-4325  | Source name                                 |
| dtcycle  | 0  | &#160                                       |
| cycle    | P  | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 29.6725  | Observer's specified target RA [deg]        |
| dec_targ | -43.417833   | Observer's specified target Dec [deg]       |
| ra_nom   | 29.670090492762  | Nominal RA [deg]                            |
| dec_nom  | -43.420306023154   | Nominal Dec [deg]                           |
| roll_nom | 177.40612406266  | Nominal Roll [deg]                          |
| revision | 2  | Processing version of data                  |
| ontime   | 19065.403045356  | Sum of GTIs [s]                             |
| livetime | 18615.991118588  | Livetime [s]                                |
| ontime2  | 19065.238885343  | Sum of GTIs [s]                             |
| ontime3  | 19063.579975128  | Sum of GTIs [s]                             |
| ontime6  | 19061.87997514   | Sum of GTIs [s]                             |
| ontime7  | 19065.403045356  | Sum of GTIs [s]                             |
| ontime8  | 19063.538885355  | Sum of GTIs [s]                             |
| l2events | 53685  | Number of level 2 events                    |

