## V&V Summary Report L2 ASCDS Version : 8.4.5

## Observation 14295 - L2 Version 2 Chandra X-Ray Center

L2 Processing Date : Nov 26 2014

See axaff14295N002\_VV001\_vvref2.pdf for the full report

| V&V Scientist              | Jen Lauer       |
|----------------------------|-----------------|
| V&V Date (YYYY-MM-DD)      | 2014.12.02      |
| V&V Edition                | 1               |
| V&V Disposition and Status | OK              |
| V&V Charge Time            | 1.1533813118935 |

## Comments

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  | 291046   | Sequence number                          |
|----------|--|--|
| obs_id   | 14295  | Observation id                           |
| title    | AO-13 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain | Proposal title                           |
| observer | Dr. CXC Calibration  | Principal investigator                   |
| object   | ArLac  | Source name                              |
| ra_targ  | 332.17   | Observer's specified<br>target RA [deg]  |
| dec_targ | 45.742306  | Observer's specified<br>target Dec [deg] |
| ra_nom   | 332.00911877422  | Nominal RA [deg]                         |
| dec_nom  | 45.607963837119  | Nominal Dec [deg]                        |
| roll_nom | 219.13489174181  | Nominal Roll [deg]                       |
| revision | 2  | Processing version of data               |
| ontime   | 1153.3813118935  | [s]                                      |
| livetime | 1145.8078995663  | Ontime multiplied by DTCOR               |
| 12events | 52168  | Number of level 2 events                 |

