

# V&V Summary Report

## L2 ASCDS Version : 10.9.1

Observation 7172 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Oct 10 2020

See [axaff07172N005\\_VV001\\_vvref2.pdf](#) for the full report

|                            |               |
|----------------------------|---------------|
| V&V Scientist              | Beth Sundheim |
| V&V Date (YYYY-MM-DD)      | 2020.10.22    |
| V&V Edition                | 1             |
| V&V Disposition and Status | OK            |
| V&V Charge Time            | 18.18459      |

## Comments

As a consequence of the DEA-A shutdown anomaly on Sep 15th (DOY258), the reported value of the ACIS FP temperature was ~1.3 degrees warmer than the actual temperature. The value for FP temperature reported in the headers of the Level 2 event file and the Mission Timeline files ARE INCORRECT by this amount for this processing. However, the temperature is corrected in the processing in order to obtain the correct temperature for the CTI correction. So the calibrated data are correct.

|           |   |   |
|-----------|---|---|
| seq_num   | 800465                                  | Sequence number                             |
| obs_id    | 7172                                    | Observation id                              |
| title     | Cluster Strong Lensing at High Redshift | Proposal title                              |
| observer  | Professor Michael Gladders              | Principal investigator                      |
| object    | RCS J2319.9+0038                        | Source name                                 |
| dtcycle   | 0                                       | &#160                                       |
| cycle     | P                                       | events from which exps?<br>Prim/Second/Both |
| ra_targ   | 349.974583                              | Observer's specified target RA [deg]        |
| dec_targ  | 0.636556                                | Observer's specified target Dec [deg]       |
| ra_nom    | 349.97185810891                         | Nominal RA [deg]                            |
| dec_nom   | 0.61754015006001                        | Nominal Dec [deg]                           |
| roll_nom  | 276.66520356254                         | Nominal Roll [deg]                          |
| revision  | 5                                       | Processing version of data                  |
| ontime    | 18184.599965006                         | Sum of GTIs [s]                             |
| liveltime | 17947.004779156                         | Livetime [s]                                |
| ontime2   | 18181.459014624                         | Sum of GTIs [s]                             |
| ontime3   | 18181.458984762                         | Sum of GTIs [s]                             |
| ontime5   | 18184.599965006                         | Sum of GTIs [s]                             |
| ontime6   | 18184.599965006                         | Sum of GTIs [s]                             |
| ontime7   | 18184.599965006                         | Sum of GTIs [s]                             |
| l2events  | 153109                                  | Number of level 2 events                    |

