

# V&V Summary Report

## L2 ASCDS Version : 10.4.1

Observation 17007 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Sep 16 2015

See axaff17007N002\_VV001\_vvref2.pdf for the full report

|                            |                 |
|----------------------------|-----------------|
| V&V Scientist              | Beth Sundheim   |
| V&V Date (YYYY-MM-DD)      | 2015.09.16      |
| V&V Edition                | 1               |
| V&V Disposition and Status | OK              |
| V&V Charge Time            | 45.268526659966 |

## Comments

Joint proposal with HST.

The guide star in slot 3 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.

|          |  |   |
|----------|--|---|
| seq_num  | 601200   | Sequence number                             |
| obs_id   | 17007  | Observation id                              |
| title    | Does the IMF vary with galaxy mass? The X-ray binary population of a key galaxy, NGC7457 | Proposal title                              |
| observer | Dr Mark Peacock  | Principal investigator                      |
| object   | NGC 7457   | Source name                                 |
| dtcycle  | 0  | &#160                                       |
| cycle    | P  | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 345.249583   | Observer's specified target RA [deg]        |
| dec_targ | 30.145   | Observer's specified target Dec [deg]       |
| ra_nom   | 345.24529692299  | Nominal RA [deg]                            |
| dec_nom  | 30.141013757722  | Nominal Dec [deg]                           |
| roll_nom | 188.1587784576   | Nominal Roll [deg]                          |
| revision | 2  | Processing version of data                  |
| ontime   | 45268.526659966  | Sum of GTIs [s]                             |
| livetime | 44677.060032949  | Livetime [s]                                |
| ontime3  | 45268.444579959  | Sum of GTIs [s]                             |
| ontime6  | 45268.485620022  | Sum of GTIs [s]                             |
| ontime7  | 45268.526659966  | Sum of GTIs [s]                             |
| ontime8  | 45268.403540015  | Sum of GTIs [s]                             |
| l2events | 206910   | Number of level 2 events                    |

