

# V&V Summary Report

## L2 ASCDS Version : 10.4.3.1

Observation 17448 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Jun 11 2016

See axaff17448N001\_VV001\_vvref2.pdf for the full report

|                            |                 |
|----------------------------|-----------------|
| V&V Scientist              | Joy Nichols     |
| V&V Date (YYYY-MM-DD)      | 2016.06.13      |
| V&V Edition                | 1               |
| V&V Disposition and Status | OK              |
| V&V Charge Time            | 50.080301404715 |

## Comments

Zeroth order piled up. The zeroth order sky position was determined using a software tool developed by CXC called findzero, which is available in CIAO as part of the tgdetect2 tool. The tool calculates the point of intersection of the readout streak on the ACIS CCD and the meg or leg dispersed spectral arm, rather than using a centroid position of the source. The findzero results are more accurate than source centroid in this case.

|          |                                       |   |
|----------|---------------------------------------|---|
| seq_num  | 401681                                | Sequence number                             |
| obs_id   | 17448                                 | Observation id                              |
| title    | The Narrow Fe K Line in 4U<br>1626-67 | Proposal title                              |
| observer | Claude Canizares                      | Principal investigator                      |
| object   | 4U 1626-67                            | Source name                                 |
| dtcycle  | 0                                     | &#160                                       |
| cycle    | P                                     | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 248.069583                            | Observer's specified target RA [deg]        |
| dec_targ | -67.461667                            | Observer's specified target Dec [deg]       |
| ra_nom   | 248.07399262081                       | Nominal RA [deg]                            |
| dec_nom  | -67.459613901182                      | Nominal Dec [deg]                           |
| roll_nom | 340.16070172908                       | Nominal Roll [deg]                          |
| revision | 1                                     | Processing version of data                  |
| ontime   | 50080.301404715                       | Sum of GTIs [s]                             |
| livetime | 48899.80263981                        | Livetime [s]                                |
| ontime5  | 50080.301404715                       | Sum of GTIs [s]                             |
| ontime6  | 50080.301404715                       | Sum of GTIs [s]                             |
| ontime7  | 50080.301404715                       | Sum of GTIs [s]                             |
| ontime8  | 50080.301404715                       | Sum of GTIs [s]                             |
| ontime9  | 50080.301404715                       | Sum of GTIs [s]                             |
| l2events | 600141                                | Number of level 2 events                    |

