

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 14465 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jul 24 2012

See axaff14465N002\_VV001\_vvref2.pdf for the full report

|                            |                    |
|----------------------------|--------------------|
| V&V Scientist              | David Huenemoerder |
| V&V Date (YYYY-MM-DD)      | 2012.07.25         |
| V&V Edition                | 1                  |
| V&V Disposition and Status | OK                 |
| V&V Charge Time            | 44.345500341058    |

## Comments

Charge time:

ONTIME of 44345.500341058 seconds is less than 85% of expected scheduled time of 62500 seconds

(interrupted by high radiation; SCS107)

Note: spatially complex region with multiple point sources and extended emission. The spectral extraction was centered on the nominal Sgr A\* coordinates: (RA, DEC) = (266.41667, -29.00780)[deg]

|          |  |   |
|----------|--|---|
| seq_num  | 601012   | Sequence number                             |
| obs_id   | 14465  | Observation id                              |
| title    | Chandra HETG Ultra-deep Gratings Spectroscopy of Sgr A* (CHUGSS) | P   |
| observer | Dr. Frederick Baganoff   | Principal investigator                      |
| object   | Sgr A*   | Source name                                 |
| dtcycle  | 0  | &#160                                       |
| cycle    | P  | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 266.416667   | Observer's specified target RA [deg]        |
| dec_targ | -29.007806   | Observer's specified target Dec [deg]       |
| ra_nom   | 266.41992428636  | Nominal RA [deg]                            |
| dec_nom  | -29.00886383222  | Nominal Dec [deg]                           |
| roll_nom | 282.27821252681  | Nominal Roll [deg]                          |
| revision | 2  | Processing version of data                  |
| ontime   | 44345.500341058  | Sum of GTIs [s]                             |
| livetime | 43766.093732419  | Livetime [s]                                |
| ontime5  | 44345.500341058  | Sum of GTIs [s]                             |
| ontime6  | 44342.359290719  | Sum of GTIs [s]                             |
| ontime7  | 44345.500341058  | Sum of GTIs [s]                             |
| ontime8  | 44345.500341058  | Sum of GTIs [s]                             |
| ontime9  | 44342.359290659  | Sum of GTIs [s]                             |
| l2events | 548215   | Number of level 2 events                    |

