

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 1988 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Sep 19 2012

See axaff01988N002\_VV001\_vvref2.pdf for the full report

|                            |             |
|----------------------------|-------------|
| V&V Scientist              | Joy Nichols |
| V&V Date (YYYY-MM-DD)      | 2013.06.19  |
| V&V Edition                | 1           |
| V&V Disposition and Status | OK          |
| V&V Charge Time            | 99.8        |

## Comments

A warning from the software indicates out-of-sequence exposure records. This appears to be due to a duplication of ACIS packets in the raw telemetry. The duplicate data is filtered out in Level 2 data. There is no problem with Level 2 data. The duplicate data could be removed by special processing, removing major/minor frames 4875, 67 -> 4875, 84 from raw telemetry.

|          |   |   |
|----------|---|---|
| seq_num  | 500165                                      | Sequence number                             |
| obs_id   | 1988  | Observation id                              |
| title    | HIGH RESOLUTION X-RAY IMAGING OF SNR 3C 396 | Proposal title                              |
| observer | Dr. Stephen Reynolds                        | Principal investigator                      |
| object   | 3C396 (G39.2-0.3)                           | Source name                                 |
| dtcycle  | 0   | &#160                                       |
| cycle    | P   | events from which exps?<br>Prim/Second/Both |
| ra_targ  | 286.025                                     | Observer's specified target RA [deg]        |
| dec_targ | 5.45  | Observer's specified target Dec [deg]       |
| ra_nom   | 286.01024358171                             | Nominal RA [deg]                            |
| dec_nom  | 5.4863002861349                             | Nominal Dec [deg]                           |
| roll_nom | 114.70320440264                             | Nominal Roll [deg]                          |
| revision | 3   | Processing version of data                  |
| ontime   | 99697.470886305                             | Sum of GTIs [s]                             |
| livetime | 98435.041479333                             | Livetime [s]                                |
| ontime2  | 99700.752876595                             | Sum of GTIs [s]                             |
| ontime3  | 99752.444878101                             | Sum of GTIs [s]                             |
| ontime5  | 99765.490789086                             | Sum of GTIs [s]                             |
| ontime6  | 99768.690679401                             | Sum of GTIs [s]                             |
| ontime7  | 99697.470886305                             | Sum of GTIs [s]                             |
| ontime8  | 99768.608609393                             | Sum of GTIs [s]                             |
| l2events | 524273                                      | Number of level 2 events                    |

