

# V&V Summary Report

## L2 ASCDS Version : 7.6.9

Observation 2089 - L2 Version 002  
Chandra X-Ray Center

L2 Processing Date : Jan 26 2007

See axaff02089N002\_VV001\_vvref2.pdf for the full report

|                            |             |
|----------------------------|-------------|
| V&V Scientist              | Joy Nichols |
| V&V Date (YYYY-MM-DD)      | 2007.03.13  |
| V&V Edition                | 1           |
| V&V Disposition and Status | OK          |
| V&V Charge Time            | 79.9        |

## Comments

Coordinated with RXTE. Source is somewhat piled up and standard software processing technique using the tool `tgdetect` did not give an accurate position for the zeroth order. Zeroth order position for this observation has been determined using the known angle between the readout streak and the meg spectral arm. The newly determined zeroth order coordinates have been placed in the `*src1a.fits` file, replacing the coordinates determined by `tgdetect`. The sky coordinates used in this processing of the data are `x=4090.50, y=4083.27; ra=12:39:39.448, dec=-05:20:38.99`.

|          |   |
|----------|---|
| seq_num  | 700279  |
| obs_id   | 2089  |
| title    | DECONVOLUTION OF THE RELATIVISTIC FE-K LINES IN SEYFERT 1 GALAXIES AND PHYSICS FROM THE NARROW EMISSION COMPONENT |
| observer | Dr. Tahir Yaqoob  |
| object   | NGC 4593  |
| dtcycle  | 0   |
| cycle    | P   |
| ra_targ  | 189.914583  |
| dec_targ | -5.344306   |
| ra_nom   | 189.91353850676   |
| dec_nom  | -5.342355172574   |
| roll_nom | 247.16782710358   |
| revision | 3   |
| ontime   | 79907.036153689   |
| lifetime | 78895.20514767  |
| ontime4  | 79913.518014342   |
| ontime5  | 79910.277113944   |
| ontime6  | 79910.277113944   |
| ontime7  | 79907.036153689   |
| ontime8  | 79903.795163527   |
| ontime9  | 79907.036153704   |
| l2events | 907062  |

