

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2089 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 21 2012

See axaff02089N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	79.9

Comments

Coordinated with RXTE. Zeroth order piled up. Standard data processing software did not correctly locate the zeroth order due to pileup. Manual intervention was used to input the correct sky coordinates (x=4090.58, y=4083.29) into the *src1a.fits file table. These corrected coordinates were determined using a software tool developed by CXC called findzero, which is expected to be released in CIAO as tg_findzo (currently in ISIS as findzo). The tool calculates the point of intersection of the readout streak and the meg arm. The zeroth order source position determined by the standard pipeline processing using the tool tgdetect was not used in this processing. The newly determined zeroth order coordinates have been placed in the *src1a.fits file, replacing the coordinates determined by tgdetect. Note that these corrected coordinates of the zeroth order cannot be reproduced by running tgdetect on the data.

seq_num	700279	Sequence number
obs_id	2089	Observation id
title	DECONVOLUTION OF THE RELATIVISTIC FE-K LINES IN SEYFERT 1 GALAXIES AND PHYSICS FROM THE NARROW EMISSION COMPONENT	Proposal title
observer	Dr. Tahir Yaqoob	Principal investigator
object	NGC 4593	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	189.914583	Observer's specified target RA [deg]
dec_targ	-5.344306	Observer's specified target Dec [deg]
ra_nom	189.91353850719	Nominal RA [deg]
dec_nom	-5.3423551722128	Nominal Dec [deg]
roll_nom	247.16782710361	Nominal Roll [deg]
revision	4	Processing version of data
ontime	79907.036153674	Sum of GTIs [s]
livetime	78895.205147656	Livetime [s]
ontime4	79913.518014327	Sum of GTIs [s]
ontime5	79910.277113929	Sum of GTIs [s]
ontime6	79910.277113929	Sum of GTIs [s]
ontime7	79907.036153674	Sum of GTIs [s]
ontime8	79903.795163512	Sum of GTIs [s]
ontime9	79907.036153689	Sum of GTIs [s]
l2events	935476	Number of level 2 events

