

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 7450 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Apr 27 2012

See axaff07450N004_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	162.7275

Comments

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 ($x = 4118.24$, $y = 4127.09$) 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 (currently in ISIS). The tool calculates the point of intersection of the readout streak and the meg arm (preferred position), or the readout streak and the heg 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	300186	Sequence number
obs_id	7450	Observation id
title	Testing the Physics of Magnetic Accretion: EX Hydrae from the Shock to the White Dwarf Surface	Proposal title
observer	Dr. Nancy Brickhouse	Principal investigator
object	EXHYA	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	193.100833	Observer's specified target RA [deg]
dec_targ	-29.249083	Observer's specified target Dec [deg]
ra_nom	193.10408226657	Nominal RA [deg]
dec_nom	-29.253011375137	Nominal Dec [deg]
roll_nom	274.15821840568	Nominal Roll [deg]
revision	4	Processing version of data
ontime	162727.5	Sum of GTIs [s]
livetime	160099.30973145	Livetime [s]
ontime4	162727.5	Sum of GTIs [s]
ontime5	162727.5	Sum of GTIs [s]
ontime6	162727.5	Sum of GTIs [s]
ontime7	162727.5	Sum of GTIs [s]
ontime8	162724.95897973	Sum of GTIs [s]
ontime9	162724.95896983	Sum of GTIs [s]
l2events	2459227	Number of level 2 events

