

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9042 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 18 2012

See axaff09042N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.1490997

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 ($x=4127.11$, $y=4113.1$) 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	400893	Sequence number
obs_id	9042	Observation id
title	Understanding the nature of high inclination low mass X-ray binaries: broad-band and line spectra from A1744-361	Proposal title
observer	Dr. Tod Strohmayer	Principal investigator
object	A1744-361	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.054583	Observer's specified target RA [deg]
dec_targ	-36.132833	Observer's specified target Dec [deg]
ra_nom	267.05987738201	Nominal RA [deg]
dec_nom	-36.135125785661	Nominal Dec [deg]
roll_nom	300.15974891033	Nominal Roll [deg]
revision	2	Processing version of data
ontime	31149.099781632	Sum of GTIs [s]
livetime	30414.84953176	Livetime [s]
ontime4	31149.099781632	Sum of GTIs [s]
ontime5	31149.099781632	Sum of GTIs [s]
ontime6	31149.099781632	Sum of GTIs [s]
ontime7	31149.099781632	Sum of GTIs [s]
ontime8	31147.358781457	Sum of GTIs [s]
ontime9	31149.099781632	Sum of GTIs [s]
l2events	1410717	Number of level 2 events

