

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 104 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 14 2012

See [axaff00104N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.987

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 ($x=4064.7$, $y=4164.76$) into the *srcla.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 *srcla.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	400017	Sequence number
obs_id	104	Observation id
title	HETG OBSERVATIONS OF X-RAY BINARIES	Proposal title
observer	Prof Claude Canizares	Principal investigator
object	4U 1626-67	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	248.069583	Observer's specified target RA [deg]
dec_targ	-67.461667	Observer's specified target Dec [deg]
ra_nom	248.05811359432	Nominal RA [deg]
dec_nom	-67.470534526425	Nominal Dec [deg]
roll_nom	254.04933469594	Nominal Roll [deg]
revision	4	Processing version of data
ontime	39984.000037223	Sum of GTIs [s]
livetime	39477.698553277	Livetime [s]
ontime4	39980.759216607	Sum of GTIs [s]
ontime5	39984.000037223	Sum of GTIs [s]
ontime6	39980.759076983	Sum of GTIs [s]
ontime7	39984.000037223	Sum of GTIs [s]
ontime8	39984.000037223	Sum of GTIs [s]
ontime9	39984.000037223	Sum of GTIs [s]
l2events	489486	Number of level 2 events

