

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 104 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 30 2007

See [axaff00104N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.08.03
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=4064.63, y=4164.89) 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	400017
obs_id	104
title	HETG OBSERVATIONS OF X-RAY BINARIES
observer	Prof. Claude Canizares
object	4U 1626-67
dtcycle	0
cycle	P
ra_targ	248.069583
dec_targ	-67.461667
ra_nom	248.05811359432
dec_nom	-67.470534526425
roll_nom	254.04933469594
revision	3
ontime	39984.000037238
livetime	39477.698553292
ontime4	39980.759216622
ontime5	39984.000037238
ontime6	39980.759076998
ontime7	39984.000037238
ontime8	39984.000037238
ontime9	39984.000037238
l2events	508157

