

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13721 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 1 2012

See axaff13721N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	80.048200615644

Comments

Zeroth order moderately 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=4063.4, y=4089.01) into the *src1a.fits file table. These corrected coordinates were determined using a software tool developed by CXC called findzero. 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	401407	Sequence number
obs_id	13721	Observation id
title	A chandra HETGS study of 4U 1323-619: Binary Wind Properties, X-ray Burst, Distance and Studies of Interstellar Medium	Proposal title
observer	Dr. Jingen Xiang	Principal investigator
object	4U 1323-619	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	201.650417	Observer's specified target RA [deg]
dec_targ	-62.136111	Observer's specified target Dec [deg]
ra_nom	201.64456422761	Nominal RA [deg]
dec_nom	-62.134813280264	Nominal Dec [deg]
roll_nom	97.151452513475	Nominal Roll [deg]
revision	3	Processing version of data
ontime	80048.200615644	Sum of GTIs [s]
livetime	79002.311943973	Livetime [s]
ontime5	80048.200615644	Sum of GTIs [s]
ontime6	80041.918684959	Sum of GTIs [s]
ontime7	80048.200615644	Sum of GTIs [s]
ontime8	80048.200615644	Sum of GTIs [s]
l2events	891057	Number of level 2 events

