

V&V Summary Report

L2 ASCDS Version : 8.5

Observation 6149 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 15 2012

See axaff06149N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.14

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 ($x=4083.12$, $y=4106.41$) into the *src1a.fits file table. These corrected coordinates were determined using a software tool developed by CXC called tg_findzo, available in CIAO. 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 *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	400367	Sequence number
obs_id	6149	Observation id
title	Using the Intensity Dips in Hercules X-1 to Probe the Inner Accretion Disk	Proposal title
observer	Dr. Mario Jimenez-Garate	Principal investigator
object	Her X-1	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	254.4575	Observer's specified target RA [deg]
dec_targ	35.342389	Observer's specified target Dec [deg]
ra_nom	254.45534779769	Nominal RA [deg]
dec_nom	35.341009092757	Nominal Dec [deg]
roll_nom	350.70429091456	Nominal Roll [deg]
revision	3	Processing version of data
ontime	22140.0	Sum of GTIs [s]
livetime	21782.419796619	Livetime [s]
ontime4	22140.0	Sum of GTIs [s]
ontime5	22140.0	Sum of GTIs [s]
ontime6	22140.0	Sum of GTIs [s]
ontime7	22140.0	Sum of GTIs [s]
ontime8	22140.0	Sum of GTIs [s]
ontime9	22140.0	Sum of GTIs [s]
l2events	355077	Number of level 2 events

