

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 3822 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 9 2012

See axaff03822N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.137

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=4102.82, y=4069.6) 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	400309	Sequence number
obs_id	3822	Observation id
title	X-RAY TRANSMISSION SPECTROSCOPY DURING THE STAR-RISE OF HER X-1	Pr
observer	Dr. Mario Jimenez-Garate	Principal investigator
object	HER X-1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	254.460417	Observer's specified target RA [deg]
dec_targ	35.347778	Observer's specified target Dec [deg]
ra_nom	254.45862483636	Nominal RA [deg]
dec_nom	35.346043617496	Nominal Dec [deg]
roll_nom	2.2118642708065	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30137.5	Sum of GTIs [s]
livetime	29650.753234896	Livetime [s]
ontime4	30137.5	Sum of GTIs [s]
ontime5	30137.5	Sum of GTIs [s]
ontime6	30137.5	Sum of GTIs [s]
ontime7	30137.5	Sum of GTIs [s]
ontime8	30137.5	Sum of GTIs [s]
ontime9	30137.5	Sum of GTIs [s]
l2events	269070	Number of level 2 events

