

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 4573 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 8 2012

See axaff04573N002_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	166.598

Comments

Coordinate position for the source is off by +7' in declination than specified as DEC_TARG.

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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=4107.0, y=4131.24) into the *srcla.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 *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	400356	Sequence number
obs_id	4573	Observation id
title	High Resolution Photospheric Spectroscopy of the Neutron Star in EXO0748-676	Proposal title
observer	Dr. Frits Paerels	Principal investigator
object	EXO 0748-676	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	117.13875	Observer's specified target RA [deg]
dec_targ	-67.75	Observer's specified target Dec [deg]
ra_nom	117.14428938527	Nominal RA [deg]
dec_nom	-67.756853027177	Nominal Dec [deg]
roll_nom	93.698757123536	Nominal Roll [deg]
revision	3	Processing version of data
ontime	166598.96010318	Sum of GTIs [s]
livetime	162885.17804379	Livetime [s]
ontime4	166597.11902338	Sum of GTIs [s]
ontime5	166598.96006337	Sum of GTIs [s]
ontime6	166598.96010318	Sum of GTIs [s]
ontime7	166598.96010318	Sum of GTIs [s]
ontime8	166595.27807301	Sum of GTIs [s]
ontime9	166595.27813286	Sum of GTIs [s]
l2events	1452741	Number of level 2 events

