

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 3674 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 5 2012

See axaff03674N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.147

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 ($x=4129.716$, $y=4122.694$) into the *srcla.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 as tg_findzo (currently in ISIS as findzo). 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	290228	Sequence number
obs_id	3674	Observation id
title	AO4 CALIBRATION OBSERVATIONS OF CAPELLA	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	CAPELLA	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	79.17625	Observer's specified target RA [deg]
dec_targ	45.995111	Observer's specified target Dec [deg]
ra_nom	79.178961209281	Nominal RA [deg]
dec_nom	45.993944638585	Nominal Dec [deg]
roll_nom	99.615729756533	Nominal Roll [deg]
revision	3	Processing version of data
ontime	29147.5	Sum of GTIs [s]
liveltime	28676.742593584	Livetime [s]
ontime4	29147.5	Sum of GTIs [s]
ontime5	29147.5	Sum of GTIs [s]
ontime6	29147.5	Sum of GTIs [s]
ontime7	29147.5	Sum of GTIs [s]
ontime8	29147.5	Sum of GTIs [s]
ontime9	29147.5	Sum of GTIs [s]
l2events	295417	Number of level 2 events

