

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 3573 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 9 2012

See [axaff03573N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.165

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 ($x=4089.86$, $y=4081.86$) 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. In this case, the additional option in `findzo` to use initial guess coordinates was used. 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	790076	Sequence number
obs_id	3573	Observation id
title	AO4 CALIBRATION OBSERVATIONS OF 3C273	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	3C273	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.277917	Observer's specified target RA [deg]
dec_targ	2.052389	Observer's specified target Dec [deg]
ra_nom	187.27699635745	Nominal RA [deg]
dec_nom	2.05440511339	Nominal Dec [deg]
roll_nom	245.06387547174	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30162.5	Sum of GTIs [s]
livetime	29675.349463212	Livetime [s]
ontime4	30162.5	Sum of GTIs [s]
ontime5	30162.5	Sum of GTIs [s]
ontime6	30162.5	Sum of GTIs [s]
ontime7	30162.5	Sum of GTIs [s]
ontime8	30162.5	Sum of GTIs [s]
ontime9	30162.5	Sum of GTIs [s]
l2events	319184	Number of level 2 events

