

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9899 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 21 2012

See axaff09899N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	85.4575

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 ($x=4067.78$, $y=4114.91$) 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 (currently in ISIS). The tool calculates the point of intersection of the readout streak and the meg arm (preferred position), or the readout streak and the heg 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	701772	Sequence number
obs_id	9899	Observation id
title	Obtaining High Signal on the Fe-L Unresolved Transition Array	Prop
observer	Prof Claude Canizares	Principal investigator
object	Ark 564	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	340.664167	Observer's specified target RA [deg]
dec_targ	29.725361	Observer's specified target Dec [deg]
ra_nom	340.65937968624	Nominal RA [deg]
dec_nom	29.722876651746	Nominal Dec [deg]
roll_nom	179.15899964717	Nominal Roll [deg]
revision	2	Processing version of data
ontime	85457.5	Sum of GTIs [s]
livetime	84077.287252463	Livetime [s]
ontime4	85457.5	Sum of GTIs [s]
ontime5	85457.5	Sum of GTIs [s]
ontime6	85457.5	Sum of GTIs [s]
ontime7	85457.5	Sum of GTIs [s]
ontime8	85454.958969772	Sum of GTIs [s]
ontime9	85452.417959452	Sum of GTIs [s]
l2events	1240454	Number of level 2 events

