V&V Summary Report
L2 ASCDS Version : 8.4.4

Observation 10575 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 21 2012

See axaff10575N002_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	63.2375

Comments

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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=4073.56, y=4121.99) into
the *src1a.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 *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.
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seq_num	701772		Sequence number
obs_id	10575		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
dtycycle	0		&#160
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	340.66027221765		Nominal RA [deg]
dec_nom	29.721889180386		Nominal Dec [deg]
roll_nom	194.15855679807		Nominal Roll [deg]
revision	2		Processing version of data
ontime	63237.5		Sum of GTIs [s]
livetime	62216.159525233		Livetime [s]
ontime4	63237.5		Sum of GTIs [s]
ontime5	63237.5		Sum of GTIs [s]
ontime6	63237.5		Sum of GTIs [s]
ontime7	63237.5		Sum of GTIs [s]
ontime8	63234.958959877		Sum of GTIs [s]
ontime9	63232.417919457		Sum of GTIs [s]
l2events	894504		Number of level 2 events