V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 12474 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 19 2012

See axaff12474N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.07.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.509838826239

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=4131.37, y=4091.79) 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	401215	Sequence number
obs_id	12474	Observation id
title	Exposing the symbiosis of 3A 1954+319	Proposal title
observer	Dr. Katja Pottschmidt	Principal investigator
object	3A 1954+319	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	298.92625	Observer's specified target RA [deg]
dec_targ	32.097	Observer's specified target Dec [deg]
ra_nom	298.93195571093	Nominal RA [deg]
dec_nom	32.097555047006	Nominal Dec [deg]
roll_nom	334.97869603537	Nominal Roll [deg]
revision	3	Processing version of data
ontime	37509.838823318	Sum of GTIs [s]
livetime	36625.652483367	Livetime [s]
ontime4	37509.879863322	Sum of GTIs [s]
ontime5	37509.797783315	Sum of GTIs [s]
ontime6	37509.756743312	Sum of GTIs [s]
ontime7	37509.838823318	Sum of GTIs [s]
ontime8	37509.715703309	Sum of GTIs [s]
ontime9	37509.674663305	Sum of GTIs [s]
l2events	327320	Number of level 2 events