V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 11074 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 19 2012

See axaff11074N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	17.569499876857

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=4130.79, y=4090.11) 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	401109	Sequence number
obs_id	11074	Observation id
title	Deep Chandra Observations of the Black Hole LMC X-1	Proposal title
observer	Dr. Michael Nowak	Principal investigator
object	LMC X-1	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	84.911667	Observer's specified target RA [deg]
dec_targ	-69.74325	Observer's specified target Dec [deg]
ra_nom	84.925339166025	Nominal RA [deg]
dec_nom	-69.742321393831	Nominal Dec [deg]
roll_nom	339.16944230831	Nominal Roll [deg]
revision	3	Processing version of data
ontime	17569.499876857	Sum of GTIs [s]
livetime	17155.349555815	Livetime [s]
ontime4	17569.499876857	Sum of GTIs [s]
ontime5	17569.499876857	Sum of GTIs [s]
ontime6	17569.499876857	Sum of GTIs [s]
ontime7	17569.499876857	Sum of GTIs [s]
ontime8	17569.499876857	Sum of GTIs [s]
ontime9	17569.499876857	Sum of GTIs [s]
l2events	415923	Number of level 2 events