V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 3824 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 5 2012

See axaff03824N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.272

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=4054.014, y=4154.112) into
the *src1a.fits file table. These corrected coordinates were determined
using a software tool developed by CXC called tg_findzo, available in
CIAO. The tool calculates the point of intersection of the readout
streak and the meg 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	400311	Sequence number
obs_id	3824	Observation id
title	SNAPSHOT SURVEY OF FOUR LMXBS	Proposal title
observer	Prof. Deepto Chakrabarty	Principal investigator
object	4U 1822-000	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	276.342083	Observer's specified target RA [deg]
dec_targ	-0.012167	Observer's specified target Dec [deg]
ra_nom	276.33603654374	Nominal RA [deg]
dec_nom	-0.019850348877318	Nominal Dec [deg]
roll_nom	242.62903230909	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2272.795129627	Sum of GTIs [s]
livetime	2219.2205350629	Livetime [s]
ontime4	2272.8361696303	Sum of GTIs [s]
ontime5	2272.7540896237	Sum of GTIs [s]
ontime6	2272.7130496204	Sum of GTIs [s]
ontime7	2272.795129627	Sum of GTIs [s]
ontime8	2272.6720096171	Sum of GTIs [s]
ontime9	2272.6309696436	Sum of GTIs [s]
l2events	46685	Number of level 2 events