V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 13714 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jan 18 2012

See axaff13714N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.01.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.665600442052

Comments

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Standard data processing software did not correctly
locate the zeroth order because a spatial exclusion window was used to
limit the
zeroth order image to 1 in 10 events. Manual intervention was used
to input the correct sky coordinates (x=4076.1, y=4090.03) 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
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tgdetect on the data.
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Faint grating spectra can be seen in an image of bad events. This is probably due to pileup in the spectrum, causing migration to bad grades. This should be considered in analysis.

seq_num	401400	Sequence number
obs_id	13714	Observation id
title	Testing the Wind-Jet Connection in a Black Hole Transient	Proposal
observer	Dr Joey Neilsen	Principal investigator
object	4U 1630-47	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	248.506708	Observer's specified target RA [deg]
dec_targ	-47.393	Observer's specified target Dec [deg]
ra_nom	248.50241776944	Nominal RA [deg]
dec_nom	-47.392124612137	Nominal Dec [deg]
roll_nom	105.9846259209	Nominal Roll [deg]
revision	2	Processing version of data
ontime	29665.600442052	Sum of GTIs [s]
livetime	28923.707348561	Livetime [s]
ontime5	29665.600442052	Sum of GTIs [s]
ontime6	29665.600442052	Sum of GTIs [s]
ontime7	29665.600442052	Sum of GTIs [s]
ontime8	29665.597780168	Sum of GTIs [s]
l2events	1933273	Number of level 2 events