V&V Summary Report
L2 ASCDS Version : 8.5.1.1

Observation 15511 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 2 2014

See axaff15511N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.10.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.043300384879

Comments

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These data have been reprocessed with new aspect alignment calibration
files that correct small mean offsets (up to 0.4 arcsecs) and improve
overall astrometric accuracy. The new calibration was determined using
data from the time period being reprocessed and was performed using
cross-correlation of X-ray sources with radio and optical counterparts.


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Zeroth order piled up and cratered. The zeroth order sky position was
determined using a software tool developed by CXC called findzero, which
is available in CIAO as part of the tgdetect2 tool. The tool calculates
the point of intersection of the readout streak on the ACIS CCD and the
meg dispersed spectral arm, rather than using a centroid position of the
source. The findzero results are more accurate than source centroid in
this case.
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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.
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seq_num	401515	Sequence number
obs_id	15511	Observation id
title	Probing the disc wind-jet connection in black hole transients with multiwavelength observations	Proposal title
observer	Dr Maria Diaz Trigo	Principal investigator
object	4U 1630-47	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	248.506667	Observer's specified target RA [deg]
dec_targ	-47.393	Observer's specified target Dec [deg]
ra_nom	248.50508928126	Nominal RA [deg]
dec_nom	-47.390170963794	Nominal Dec [deg]
roll_nom	53.235902029733	Nominal Roll [deg]
revision	3	Processing version of data
ontime	50043.300384879	Sum of GTIs [s]
livetime	49389.447824009	Livetime [s]
ontime5	50043.300384879	Sum of GTIs [s]
ontime6	50043.300384879	Sum of GTIs [s]
ontime7	50043.300384879	Sum of GTIs [s]
ontime8	50037.018314302	Sum of GTIs [s]
ontime9	50037.0183236	Sum of GTIs [s]
l2events	3103858	Number of level 2 events