V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 15546 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 27 2014

See axaff15546N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.060799932778

Comments

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Joint proposal with NRAO. A few sources are piled up sufficiently to
produce a readout streak on the detector, which may contaminate other
sources on the chip. Care should be taken to remove events from the
readout streak from another source when extracting source data. Some of
the numerous x-ray point sources fall on the gap between CCD chips and
have been dithered over this gap. Dithering over the chip gap, which has
lower sensitivity, can give a false indication of variability.
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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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seq_num	200827	Sequence number
obs_id	15546	Observation id
title	Simultaneous X-ray and radio flaring of Young Stellar Objects in the Orion Nebula Cluster	Proposal title
observer	Dr Jan Forbrich	Principal investigator
object	Orion Nebula Cluster	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.819583	Observer's specified target RA [deg]
dec_targ	-5.39	Observer's specified target Dec [deg]
ra_nom	83.817981189904	Nominal RA [deg]
dec_nom	-5.3820553092626	Nominal Dec [deg]
roll_nom	84.108531793268	Nominal Roll [deg]
revision	2	Processing version of data
ontime	18060.799932778	Sum of GTIs [s]
livetime	17832.103209121	Livetime [s]
ontime0	18060.799932778	Sum of GTIs [s]
ontime1	18060.799932778	Sum of GTIs [s]
ontime2	18060.799932778	Sum of GTIs [s]
ontime3	18060.799932778	Sum of GTIs [s]
ontime6	18057.558932424	Sum of GTIs [s]
ontime7	18060.799932778	Sum of GTIs [s]
l2events	233374	Number of level 2 events