V&V Summary Report
L2 ASCDS Version : 10.2.1

Observation 16207 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 10 2014

See axaff16207N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.11.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.065

Comments

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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The source's zeroth order falls very close to the gap between the CCD
chips. Although it does not appear to have been dithered over this gap,
any suggestion of source variability should consider this possibility.
Dithering over the chip boundary can give a false indication of
variability.
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Gain and CTI correction are not well calibrated on CCD_ID 5 (ACIS-S1).
Default order sorting can clip some regions, particularly longward of
30A (first order). User-specified custom processing parameters may be
required in tg_resolve_events (osipfile=none, osort_lo, osort_hi ~0.5)
though this can allow more zeroth order background at short wavelengths.

seq_num	200948	Sequence number
obs_id	16207	Observation id
title	Accretion-Driven Physics on the Young Star BP Tauri	Proposal title
observer	Dr. Nancy Brickhouse	Principal investigator
object	BP Tau	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	64.815833	Observer's specified target RA [deg]
dec_targ	29.107472	Observer's specified target Dec [deg]
ra_nom	64.814241280988	Nominal RA [deg]
dec_nom	29.126939164359	Nominal Dec [deg]
roll_nom	284.23963705854	Nominal Roll [deg]
revision	2	Processing version of data
ontime	60065.0	Sum of GTIs [s]
livetime	57697.110581726	Livetime [s]
ontime5	60065.0	Sum of GTIs [s]
ontime6	60064.978110135	Sum of GTIs [s]
ontime7	60065.0	Sum of GTIs [s]
ontime8	60063.896030068	Sum of GTIs [s]
l2events	135842	Number of level 2 events