V&V Summary Report
L2 ASCDS Version : 10.1.1

Observation 16204 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 8 2014

See axaff16204N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.014923805237

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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Joint Proposal: NOAO
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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.

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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.

seq_num	200948	Sequence number
obs_id	16204	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	64.821230691927	Nominal RA [deg]
dec_nom	29.12640556484	Nominal Dec [deg]
roll_nom	266.15400329531	Nominal Roll [deg]
revision	2	Processing version of data
ontime	40014.923805237	Sum of GTIs [s]
livetime	38437.450823443	Livetime [s]
ontime5	40014.882765234	Sum of GTIs [s]
ontime6	40014.84172523	Sum of GTIs [s]
ontime7	40014.923805237	Sum of GTIs [s]
ontime8	40014.800685227	Sum of GTIs [s]
l2events	93294	Number of level 2 events