V&V Summary Report
L2 ASCDS Version : 8.1.1

Observation 1446 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 24 2009

See axaff01446N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.03.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.858

Comments

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Off-axis ACIS response to Cas A on chip I2. Only I2 chip was
read out.
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Charge time for this ObsId remains at previous value of 1.858 ksec,
although with the current processing the charge time would have been
1.850 ksec.
==
Pileup throughout most of the observation.
===
The focal plane temperature is approximately -110 C during this
observation. This reprocessing of the data applies no CTI correction
because none is available for this temperature at present.

The ACIS CTI correction has not been calibrated at this temperature,
because it was early in the mission, and ACIS had not yet been lowered
to the standard -119.7 C. Both front and back illuminated chips are
affected. However a T_GAIN correction has been applied to the BI chips
(ACIS-5 and ACIS-7) data included here.

The ACIS spectral response calibration is less accurate at these warmer
temperatures than it is at -119.7 C. Users whose science objectives
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spectra) may notice an effect. Users whose science objectives do not
depend on the most accurate spectral response should not notice an
effect.

seq_num	580396	Sequence number
obs_id	1446	Observation id
title	ACIS CHIP RESPONSE TO CAS A, JAN. 99	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	CAS A [Chip I2, T=110, Offsets=5,3,0]	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	350.8575	Observer's specified target RA
dec_targ	58.814833	Observer's specified target Dec
ra_nom	350.77099099329	Nominal RA
dec_nom	58.903046552057	Nominal Dec
roll_nom	259.41533994898	Nominal Roll
revision	4	Processing version of data
ontime	1850.6161805168	Sum of GTIs [s]
livetime	1827.1825641318	Livetime [s]
ontime0	2350.7224809825	Sum of GTIs [s]
ontime1	2350.6814409867	Sum of GTIs [s]
ontime2	1850.6161805168	Sum of GTIs [s]
ontime3	2350.5993609875	Sum of GTIs [s]
ontime6	2350.5583209842	Sum of GTIs [s]
ontime7	2350.7635209858	Sum of GTIs [s]
l2events	403904	Number of level 2 events