

# V&V Summary Report

## L2 ASCDS Version : 8.3.3.1

Observation 1463 - L2 Version 6  
Chandra X-Ray Center

L2 Processing Date : Dec 7 2010

See [axaff01463N003\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.12.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.364

## Comments

An image of Jupiter was inadvertently superposed on the bias map for chip 7. The region of that bias map containing the anomalous values due to the image of Jupiter was replaced with scaled values from another bias map for this chip taken near in time. The affected pixels are bounded by sky coords: (24.71635, 8.69848), (24.70239, 8.73043), (24.62888, 8.69904), (24.64284, 8.66709).

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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 chip (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 depend on the most accurate spectral response (ie: fitting line-rich 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	100010	Sequence number
obs_id	1463	Observation id
title	&#160	Proposal title
observer	DR. J WAITE	Principal investigator
object	JUPITER	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	24.66589	Observer's specified target RA
dec_targ	8.707	Observer's specified target Dec
ra_nom	24.683353518381	Nominal RA
dec_nom	8.6789043512024	Nominal Dec
roll_nom	293.3287257637	Nominal Roll
revision	6	Processing version of data
ontime	22367.877150118	Sum of GTIs [s]
livetime	22084.641621325	Livetime [s]
ontime0	22374.359050624	Sum of GTIs [s]
ontime1	22374.359050624	Sum of GTIs [s]
ontime2	22371.1180804	Sum of GTIs [s]
ontime3	22364.626398586	Sum of GTIs [s]
ontime7	22367.877150118	Sum of GTIs [s]
l2events	148986	Number of level 2 events

