

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 62313 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

See [axaff62313N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.8744692960456

## Comments

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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 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 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	&#160	Sequence number
obs_id	62313	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	&#160	Source name
dtycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA
dec_targ	0.0	Observer's specified target Dec
ra_nom	117.29703555189	Nominal RA
dec_nom	-37.171128719403	Nominal Dec
roll_nom	62.703721939632	Nominal Roll
revision	4	Processing version of data
ontime	4874.4692960456	Sum of GTIs [s]
livetime	4812.745830766	Livetime [s]
ontime0	1944.5516787693	Sum of GTIs [s]
ontime1	2002.9613576606	Sum of GTIs [s]
ontime2	1886.1309285164	Sum of GTIs [s]
ontime3	1860.3557170406	Sum of GTIs [s]
ontime6	2103.2394193485	Sum of GTIs [s]
ontime7	4874.4692960456	Sum of GTIs [s]
l2events	1318695	Number of level 2 events