

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 62259 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 26 2009

See [axaff62259N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.01.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.5200434275493

## Comments

The focal plane temperature is approximately -110C 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	62259	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	108.05056650813	Nominal RA
dec_nom	-65.176967951556	Nominal Dec
roll_nom	17.902601834915	Nominal Roll
revision	4	Processing version of data
ontime	3520.0434275493	Sum of GTIs [s]
livetime	3475.470518154	Livetime [s]
ontime0	1406.9059508517	Sum of GTIs [s]
ontime1	1419.1257315949	Sum of GTIs [s]
ontime2	1342.0852604359	Sum of GTIs [s]
ontime3	1337.9766114354	Sum of GTIs [s]
ontime6	1509.956881918	Sum of GTIs [s]
ontime7	3520.0434275493	Sum of GTIs [s]
l2events	920126	Number of level 2 events