

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 62342 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 20 2009

See [axaff62342N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.8211457362473

## Comments

The focal plane temperature is approximately -110C during this observation.

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	&#160	Sequence number
obs_id	62342	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	350.85248622268	Nominal RA
dec_nom	58.801432079655	Nominal Dec
roll_nom	226.11931427786	Nominal Roll
revision	4	Processing version of data
ontime	4821.1457362473	Sum of GTIs [s]
livetime	4760.0974859895	Livetime [s]
ontime0	1906.4145147949	Sum of GTIs [s]
ontime1	1933.4832428545	Sum of GTIs [s]
ontime2	1813.605802618	Sum of GTIs [s]
ontime3	1838.3527544513	Sum of GTIs [s]
ontime6	2078.1895752698	Sum of GTIs [s]
ontime7	4821.1457362473	Sum of GTIs [s]
l2events	1313132	Number of level 2 events