

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 62242 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 29 2009

See [axaff62242N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.4973554349467

## 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	62242	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	&#160	Source name
dtcycle	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	94.728288725316	Nominal RA
dec_nom	1.3257078882632	Nominal Dec
roll_nom	339.79629273043	Nominal Roll
revision	4	Processing version of data
ontime	3497.3554349467	Sum of GTIs [s]
livetime	3453.0698145748	Livetime [s]
ontime0	1422.6354858279	Sum of GTIs [s]
ontime1	1432.3997854963	Sum of GTIs [s]
ontime2	1377.7344104126	Sum of GTIs [s]
ontime3	1355.0471303686	Sum of GTIs [s]
ontime6	1530.0632408559	Sum of GTIs [s]
ontime7	3497.3554349467	Sum of GTIs [s]
l2events	920389	Number of level 2 events