

# V&V Summary Report

## L2 ASCDS Version : 8.3.2.1

Observation 62374 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Sep 28 2010

See [axaff62374N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5651260400265

## Comments

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	62374	Observation id
title	ACIS-456789 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	1.4020646471222	Nominal RA
dec_nom	-0.044942041907003	Nominal Dec
roll_nom	359.37109366557	Nominal Roll
revision	4	Processing version of data
ontime	7565.1260400265	Sum of GTIs [s]
livetime	7533.8946223195	Livetime [s]
ontime4	3056.6863730922	Sum of GTIs [s]
ontime5	8042.287950933	Sum of GTIs [s]
ontime6	3429.6570227742	Sum of GTIs [s]
ontime7	7565.1260400265	Sum of GTIs [s]
ontime8	3464.2279728577	Sum of GTIs [s]
ontime9	3419.7159827799	Sum of GTIs [s]
l2events	2488566	Number of level 2 events