

# V&V Summary Report

## L2 ASCDS Version : 8.3.2.1

Observation 62379 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Sep 28 2010

See [axaff62379N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1777087152749

## 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	62379	Observation id
title	ACIS-456789 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	16.068387111468	Nominal RA
dec_nom	-72.012444964053	Nominal Dec
roll_nom	11.919881307392	Nominal Roll
revision	4	Processing version of data
ontime	5177.7087152749	Sum of GTIs [s]
livetime	5112.1454498802	Livetime [s]
ontime4	1869.0937513262	Sum of GTIs [s]
ontime5	5530.9759612232	Sum of GTIs [s]
ontime6	2173.8745820597	Sum of GTIs [s]
ontime7	5177.7087152749	Sum of GTIs [s]
ontime8	2128.4179419726	Sum of GTIs [s]
ontime9	2083.0843720287	Sum of GTIs [s]
l2events	1708299	Number of level 2 events