

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 62349 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Nov 19 2009

See axaff62349N001\_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	1.2934854643196

## 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 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	62349	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	119.95640809286	Nominal RA
dec_nom	-66.576761607567	Nominal Dec
roll_nom	94.917603931718	Nominal Roll
revision	3	Processing version of data
ontime	1293.4854643196	Sum of GTIs [s]
livetime	1277.1065725269	Livetime [s]
ontime4	507.85408627987	Sum of GTIs [s]
ontime5	1377.7509079352	Sum of GTIs [s]
ontime6	592.24411671609	Sum of GTIs [s]
ontime7	1293.4854643196	Sum of GTIs [s]
ontime8	580.4596465081	Sum of GTIs [s]
ontime9	575.99790661782	Sum of GTIs [s]
l2events	431672	Number of level 2 events