

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 62341 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 20 2009

See [axaff62341N001\\_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	3.9248907083273

## 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	62341	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	270.06558327062	Nominal RA
dec_nom	66.986460425963	Nominal Dec
roll_nom	300.60458591553	Nominal Roll
revision	4	Processing version of data
ontime	3924.8907083273	Sum of GTIs [s]
livetime	3875.191378893	Livetime [s]
ontime4	1468.1897258535	Sum of GTIs [s]
ontime5	4178.2965881526	Sum of GTIs [s]
ontime6	1652.9289164245	Sum of GTIs [s]
ontime7	3924.8907083273	Sum of GTIs [s]
ontime8	1678.8573262617	Sum of GTIs [s]
ontime9	1617.277506277	Sum of GTIs [s]
l2events	1289301	Number of level 2 events