

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62307 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 24 2009

See [axaff62307N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.064000000059605

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	 	Sequence number
obs_id	62307	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
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	325.01875018235	Nominal RA
dec_nom	-30.035255489845	Nominal Dec
roll_nom	288.08291791785	Nominal Roll
revision	4	Processing version of data
ontime	64.000000059605	Sum of GTIs [s]
livetime	63.189593522676	Livetime [s]
ontime0	64.000000059605	Sum of GTIs [s]
ontime1	64.000000059605	Sum of GTIs [s]
ontime2	64.000000059605	Sum of GTIs [s]
ontime3	64.000000059605	Sum of GTIs [s]
ontime6	64.000000059605	Sum of GTIs [s]
ontime7	64.000000059605	Sum of GTIs [s]
l2events	34400	Number of level 2 events