

V&V Summary Report

L2 ASCDS Version : 8.3.2.1

Observation 62377 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 28 2010

See [axaff62377N001_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	4.2193601973578

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	62377	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	112.07611955263	Nominal RA
dec_nom	80.318160481445	Nominal Dec
roll_nom	73.913807309961	Nominal Roll
revision	4	Processing version of data
ontime	4219.3601973578	Sum of GTIs [s]
livetime	4165.9321179452	Livetime [s]
ontime0	1639.5539011285	Sum of GTIs [s]
ontime1	1662.2822211683	Sum of GTIs [s]
ontime2	1552.1279508099	Sum of GTIs [s]
ontime3	1581.3383508623	Sum of GTIs [s]
ontime6	1799.3329803646	Sum of GTIs [s]
ontime7	4219.3601973578	Sum of GTIs [s]
l2events	1153764	Number of level 2 events