

V&V Summary Report

L2 ASCDS Version : 8.3.3

Observation 62375 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 18 2010

See [axaff62375N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.11.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.1975325156823

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	62375	Observation id
title	ACIS-456789 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	1.361116206363	Nominal RA
dec_nom	-0.038108668558184	Nominal Dec
roll_nom	359.52592940018	Nominal Roll
revision	4	Processing version of data
ontime	7197.5325156823	Sum of GTIs [s]
livetime	7106.3930251349	Livetime [s]
ontime4	2547.4561979398	Sum of GTIs [s]
ontime5	7651.2305928394	Sum of GTIs [s]
ontime6	2959.0682188869	Sum of GTIs [s]
ontime7	7197.5325156823	Sum of GTIs [s]
ontime8	2903.9705387801	Sum of GTIs [s]
ontime9	2900.7295586243	Sum of GTIs [s]
l2events	2402175	Number of level 2 events