

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62899 - L2 Version 6
Chandra X-Ray Center

L2 Processing Date : Oct 20 2010

See axaff62899N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.10.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1580999995321

Comments

This observation is missing about 140 s in the middle.
9.9 slow clocking test on S0.

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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	62899	Observation id
title	ACIS-4 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	325.02222177166	Nominal RA
dec_nom	-30.026887588586	Nominal Dec
roll_nom	288.08978061494	Nominal Roll
revision	6	Processing version of data
ontime	3158.0999995321	Sum of GTIs [s]
livetime	3145.0622867796	Livetime [s]
ontime4	3158.0999995321	Sum of GTIs [s]
l2events	226933	Number of level 2 events