

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62315 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Jan 11 2010

See axaff62315N001_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	4.9011126341671

Comments

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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	62315	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	270.55406416211	Nominal RA
dec_nom	84.994160086807	Nominal Dec
roll_nom	316.54283190931	Nominal Roll
revision	4	Processing version of data
ontime	4901.1126341671	Sum of GTIs [s]
livetime	4839.0517948975	Livetime [s]
ontime0	1928.1597226337	Sum of GTIs [s]
ontime1	1977.7194144055	Sum of GTIs [s]
ontime2	1873.1441125199	Sum of GTIs [s]
ontime3	1840.5696123242	Sum of GTIs [s]
ontime6	2074.1296429038	Sum of GTIs [s]
ontime7	4901.1126341671	Sum of GTIs [s]
l2events	1316084	Number of level 2 events