

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 62223 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 2 2009

See [axaff62223N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.5115091663301

Comments

The focal plane temperature is approximately -110C during this observation. 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	62223	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	213.29431534982	Nominal RA
dec_nom	-65.327682362554	Nominal Dec
roll_nom	86.077412198059	Nominal Roll
revision	3	Processing version of data
ontime	3511.5091663301	Sum of GTIs [s]
livetime	3467.0443228891	Livetime [s]
ontime0	1393.6458461508	Sum of GTIs [s]
ontime1	1432.5382165238	Sum of GTIs [s]
ontime2	1335.3071260378	Sum of GTIs [s]
ontime3	1357.9533316866	Sum of GTIs [s]
ontime6	1510.3230370209	Sum of GTIs [s]
ontime7	3511.5091663301	Sum of GTIs [s]
l2events	903901	Number of level 2 events