

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62331 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 20 2009

See [axaff62331N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.8356064547896

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 chip (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	62331	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	101.30696219237	Nominal RA
dec_nom	-16.690618652967	Nominal Dec
roll_nom	70.604557437544	Nominal Roll
revision	4	Processing version of data
ontime	4835.6064547896	Sum of GTIs [s]
livetime	4774.3750942065	Livetime [s]
ontime0	1909.9150517657	Sum of GTIs [s]
ontime1	1934.8995571807	Sum of GTIs [s]
ontime2	1808.4990069345	Sum of GTIs [s]
ontime3	1819.2480913848	Sum of GTIs [s]
ontime6	2019.1665774062	Sum of GTIs [s]
ontime7	4835.6064547896	Sum of GTIs [s]
l2events	1301805	Number of level 2 events