

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62330 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

See [axaff62330N001_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	4.8979524332732

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	62330	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	83.815845690496	Nominal RA
dec_nom	-5.3879241249338	Nominal Dec
roll_nom	67.694383598387	Nominal Roll
revision	4	Processing version of data
ontime	4897.9524332732	Sum of GTIs [s]
livetime	4835.9316103702	Livetime [s]
ontime0	1911.6638426036	Sum of GTIs [s]
ontime1	1950.5973128229	Sum of GTIs [s]
ontime2	1840.4430424646	Sum of GTIs [s]
ontime3	1833.7967126593	Sum of GTIs [s]
ontime6	2057.6336831003	Sum of GTIs [s]
ontime7	4897.9524332732	Sum of GTIs [s]
l2events	1315722	Number of level 2 events