

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62348 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 19 2009

See [axaff62348N001_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	0.95065717775375

Comments

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	62348	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	119.97646049821	Nominal RA
dec_nom	-66.571672231302	Nominal Dec
roll_nom	94.939497616557	Nominal Roll
revision	3	Processing version of data
ontime	950.65717775375	Sum of GTIs [s]
livetime	938.619384152	Livetime [s]
ontime0	404.47518952191	Sum of GTIs [s]
ontime1	414.2393495366	Sum of GTIs [s]
ontime2	381.86993961781	Sum of GTIs [s]
ontime3	396.44459377229	Sum of GTIs [s]
ontime6	427.32664950192	Sum of GTIs [s]
ontime7	950.65717775375	Sum of GTIs [s]
l2events	271667	Number of level 2 events