

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62362 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 19 2009

See [axaff62362N001_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	4.1280722848698

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	62362	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	112.14400696065	Nominal RA
dec_nom	80.027077204688	Nominal Dec
roll_nom	78.574946575005	Nominal Roll
revision	3	Processing version of data
ontime	4128.0722848698	Sum of GTIs [s]
livetime	4075.8001479721	Livetime [s]
ontime0	1570.8708885685	Sum of GTIs [s]
ontime1	1604.3134465292	Sum of GTIs [s]
ontime2	1494.1181162521	Sum of GTIs [s]
ontime3	1575.1440864727	Sum of GTIs [s]
ontime6	1706.8302991092	Sum of GTIs [s]
ontime7	4128.0722848698	Sum of GTIs [s]
l2events	1113800	Number of level 2 events