

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 62199 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 4 2009

See [axaff62199N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.584566707015

Comments

The focal plane temperature is approximately -110C during this observation. This reprocessing of the data applies no CTI correction because none is available for this temperature at present.

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	62199	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	350.69864217749	Nominal RA
dec_nom	58.876115274919	Nominal Dec
roll_nom	322.82367634309	Nominal Roll
revision	3	Processing version of data
ontime	3584.566707015	Sum of GTIs [s]
livetime	3539.1767650039	Livetime [s]
ontime0	1432.5382763743	Sum of GTIs [s]
ontime1	1429.2972363681	Sum of GTIs [s]
ontime2	1354.7533162236	Sum of GTIs [s]
ontime3	1403.368866466	Sum of GTIs [s]
ontime6	1536.2513970062	Sum of GTIs [s]
ontime7	3584.566707015	Sum of GTIs [s]
l2events	912629	Number of level 2 events