

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62243 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 29 2009

See [axaff62243N001_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	2.90072210861

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	62243	Observation id
title	ACIS-456789 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	83.046802868668	Nominal RA
dec_nom	-49.992566877052	Nominal Dec
roll_nom	343.62545627733	Nominal Roll
revision	4	Processing version of data
ontime	2900.72210861	Sum of GTIs [s]
livetime	2863.9914186656	Livetime [s]
ontime4	1105.1933255866	Sum of GTIs [s]
ontime5	3101.6628385261	Sum of GTIs [s]
ontime6	1240.7488242686	Sum of GTIs [s]
ontime7	2900.72210861	Sum of GTIs [s]
ontime8	1256.8719443008	Sum of GTIs [s]
ontime9	1199.1834558398	Sum of GTIs [s]
l2events	902184	Number of level 2 events