

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62272 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 26 2009

See [axaff62272N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.01.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.8446230619475

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	62272	Observation id
title	ACIS-456789 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	350.71742405029	Nominal RA
dec_nom	59.165499035282	Nominal Dec
roll_nom	281.50885886297	Nominal Roll
revision	4	Processing version of data
ontime	2844.6230619475	Sum of GTIs [s]
livetime	2808.6027319108	Livetime [s]
ontime4	1110.7965112031	Sum of GTIs [s]
ontime5	3033.8980661631	Sum of GTIs [s]
ontime6	1266.3252518624	Sum of GTIs [s]
ontime7	2844.6230619475	Sum of GTIs [s]
ontime8	1253.4431718364	Sum of GTIs [s]
ontime9	1235.1294504106	Sum of GTIs [s]
l2events	909811	Number of level 2 events