

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 634 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 30 2009

See [axaff00634N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.03.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	89.171

Comments

The focal plane temperature is approximately -110 C 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	200059	Sequence number
obs_id	634	Observation id
title	HARD X-RAY SEARCH FROM CLASS 0 PROTOSTARS	Proposal title
observer	Prof. Katsuji Koyama	Principal investigator
object	OMC2--3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.833235	Observer's specified target RA
dec_targ	-5.091612	Observer's specified target Dec
ra_nom	83.836306605754	Nominal RA
dec_nom	-5.0957436507375	Nominal Dec
roll_nom	329.57363985861	Nominal Roll
revision	4	Processing version of data
ontime	89171.11814262	Sum of GTIs [s]
livetime	88041.979752297	Livetime [s]
ontime0	89167.877142474	Sum of GTIs [s]
ontime1	89174.359112829	Sum of GTIs [s]
ontime2	89167.877142482	Sum of GTIs [s]
ontime3	89171.11814262	Sum of GTIs [s]
ontime6	89174.359112829	Sum of GTIs [s]
l2events	521913	Number of level 2 events

