

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62277 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

See [axaff62277N001_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	2.8654875025898

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	62277	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	0.031328093274258	Nominal RA
dec_nom	59.965717361022	Nominal Dec
roll_nom	270.88093419083	Nominal Roll
revision	4	Processing version of data
ontime	2865.4875025898	Sum of GTIs [s]
livetime	2829.2029744426	Livetime [s]
ontime4	1072.1122409329	Sum of GTIs [s]
ontime5	3037.2606082112	Sum of GTIs [s]
ontime6	1228.7693908364	Sum of GTIs [s]
ontime7	2865.4875025898	Sum of GTIs [s]
ontime8	1221.2411212251	Sum of GTIs [s]
ontime9	1152.9741309434	Sum of GTIs [s]
l2events	896852	Number of level 2 events