

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62286 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

See [axaff62286N001_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	2.7345912280083

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	62286	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	189.98280365531	Nominal RA
dec_nom	-33.964501327884	Nominal Dec
roll_nom	85.503198994333	Nominal Roll
revision	4	Processing version of data
ontime	2734.5912280083	Sum of GTIs [s]
livetime	2699.9641873061	Livetime [s]
ontime4	1039.6560709253	Sum of GTIs [s]
ontime5	2916.1280143335	Sum of GTIs [s]
ontime6	1173.5949206725	Sum of GTIs [s]
ontime7	2734.5912280083	Sum of GTIs [s]
ontime8	1166.0976412371	Sum of GTIs [s]
ontime9	1136.723081179	Sum of GTIs [s]
l2events	901263	Number of level 2 events