

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62337 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 20 2009

See [axaff62337N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.58000486386567

Comments

The focal plane temperature is approximately -110C during this observation.

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	62337	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	101.30381232739	Nominal RA
dec_nom	-16.692297203859	Nominal Dec
roll_nom	72.429297403759	Nominal Roll
revision	4	Processing version of data
ontime	580.00486386567	Sum of GTIs [s]
livetime	572.66049304241	Livetime [s]
ontime4	259.26676945388	Sum of GTIs [s]
ontime5	615.43582351506	Sum of GTIs [s]
ontime6	285.15391978621	Sum of GTIs [s]
ontime7	580.00486386567	Sum of GTIs [s]
ontime8	278.72783397138	Sum of GTIs [s]
ontime9	275.12916730344	Sum of GTIs [s]
l2events	205503	Number of level 2 events