

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62357 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 19 2009

See [axaff62357N001_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	4.2716681154072

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 chip (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	62357	Observation id
title	ACIS-012367 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	112.13618794909	Nominal RA
dec_nom	80.026687017388	Nominal Dec
roll_nom	80.797713888469	Nominal Roll
revision	3	Processing version of data
ontime	4271.6681154072	Sum of GTIs [s]
livetime	4217.5776816402	Livetime [s]
ontime0	1623.75978636	Sum of GTIs [s]
ontime1	1656.1701564863	Sum of GTIs [s]
ontime2	1549.2158362791	Sum of GTIs [s]
ontime3	1601.3632003441	Sum of GTIs [s]
ontime6	1779.329676725	Sum of GTIs [s]
ontime7	4271.6681154072	Sum of GTIs [s]
l2events	1150996	Number of level 2 events