

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62344 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 20 2009

See [axaff62344N001_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	3.9425304878801

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	62344	Observation id
title	ACIS-456789 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	130.78978626553	Nominal RA
dec_nom	36.398095419416	Nominal Dec
roll_nom	72.34360532951	Nominal Roll
revision	4	Processing version of data
ontime	3942.5304878801	Sum of GTIs [s]
livetime	3892.6077929357	Livetime [s]
ontime4	1470.7940711901	Sum of GTIs [s]
ontime5	4232.0657548532	Sum of GTIs [s]
ontime6	1652.2512416244	Sum of GTIs [s]
ontime7	3942.5304878801	Sum of GTIs [s]
ontime8	1684.7437516078	Sum of GTIs [s]
ontime9	1615.4712961167	Sum of GTIs [s]
l2events	1286433	Number of level 2 events