

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62332 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 20 2009

See [axaff62332N001_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	3.986470168896

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	62332	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	101.30401172964	Nominal RA
dec_nom	-16.692589090651	Nominal Dec
roll_nom	70.594311513405	Nominal Roll
revision	4	Processing version of data
ontime	3986.470168896	Sum of GTIs [s]
livetime	3935.9910832533	Livetime [s]
ontime4	1497.3589461893	Sum of GTIs [s]
ontime5	4258.7128510401	Sum of GTIs [s]
ontime6	1637.1179689988	Sum of GTIs [s]
ontime7	3986.470168896	Sum of GTIs [s]
ontime8	1714.5084968954	Sum of GTIs [s]
ontime9	1620.51859615	Sum of GTIs [s]
l2events	1291952	Number of level 2 events