

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 62222 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 2 2009

See [axaff62222N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.9237070611119

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	62222	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	213.29258982498	Nominal RA
dec_nom	-65.326929911625	Nominal Dec
roll_nom	86.068777224093	Nominal Roll
revision	3	Processing version of data
ontime	2923.7070611119	Sum of GTIs [s]
livetime	2886.6853218591	Livetime [s]
ontime4	1091.1014114097	Sum of GTIs [s]
ontime5	3105.2012416348	Sum of GTIs [s]
ontime6	1262.8353321701	Sum of GTIs [s]
ontime7	2923.7070611119	Sum of GTIs [s]
ontime8	1243.4711721316	Sum of GTIs [s]
ontime9	1230.3018918931	Sum of GTIs [s]
l2events	906162	Number of level 2 events