

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 62217 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 5 2009

See [axaff62217N001_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	2.9298277501613

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	62217	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	25.025043307543	Nominal RA
dec_nom	24.980799450388	Nominal Dec
roll_nom	290.90653250152	Nominal Roll
revision	3	Processing version of data
ontime	2929.8277501613	Sum of GTIs [s]
livetime	2892.7285070583	Livetime [s]
ontime4	1069.3557260111	Sum of GTIs [s]
ontime5	3114.6262796298	Sum of GTIs [s]
ontime6	1254.1359067187	Sum of GTIs [s]
ontime7	2929.8277501613	Sum of GTIs [s]
ontime8	1238.0758161321	Sum of GTIs [s]
ontime9	1186.2193456069	Sum of GTIs [s]
l2events	886638	Number of level 2 events