

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 62218 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 5 2009

See [axaff62218N001\\_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	2.9458529357985

## 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	&#160	Sequence number
obs_id	62218	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	&#160	Source name
dtycle	0	&#160
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	25.025192656963	Nominal RA
dec_nom	24.981679148441	Nominal Dec
roll_nom	290.90608335863	Nominal Roll
revision	3	Processing version of data
ontime	2945.8529357985	Sum of GTIs [s]
livetime	2908.5507721457	Livetime [s]
ontime4	1114.9164754674	Sum of GTIs [s]
ontime5	3143.796198532	Sum of GTIs [s]
ontime6	1234.8348759115	Sum of GTIs [s]
ontime7	2945.8529357985	Sum of GTIs [s]
ontime8	1257.5221060961	Sum of GTIs [s]
ontime9	1241.3169858605	Sum of GTIs [s]
l2events	901925	Number of level 2 events