

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 62365 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Nov 19 2009

See [axaff62365N001\\_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	3.4803223633468

## 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	62365	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	&#160	Source name
dtcycle	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	112.14502785529	Nominal RA
dec_nom	80.027362391566	Nominal Dec
roll_nom	78.014422841885	Nominal Roll
revision	3	Processing version of data
ontime	3480.3223633468	Sum of GTIs [s]
livetime	3436.2524259836	Livetime [s]
ontime4	1260.2979939282	Sum of GTIs [s]
ontime5	3685.6484172642	Sum of GTIs [s]
ontime6	1432.1961844116	Sum of GTIs [s]
ontime7	3480.3223633468	Sum of GTIs [s]
ontime8	1409.4266847223	Sum of GTIs [s]
ontime9	1402.9857843518	Sum of GTIs [s]
l2events	1134994	Number of level 2 events