

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 62280 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

See [axaff62280N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.01.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.764190410018

## Comments

The focal plane temperature is approximately -110C during this observation. This reprocessing of the data applies no CTI correction because none is available for this temperature at present.

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	62280	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	163.16746918085	Nominal RA
dec_nom	57.514049970054	Nominal Dec
roll_nom	82.581878882694	Nominal Roll
revision	4	Processing version of data
ontime	2764.190410018	Sum of GTIs [s]
livetime	2729.1885666507	Livetime [s]
ontime4	1026.8744641617	Sum of GTIs [s]
ontime5	2939.6143694073	Sum of GTIs [s]
ontime6	1147.3270351663	Sum of GTIs [s]
ontime7	2764.190410018	Sum of GTIs [s]
ontime8	1186.2194653898	Sum of GTIs [s]
ontime9	1127.8808250651	Sum of GTIs [s]
l2events	896235	Number of level 2 events