

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 122 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 2 2009

See [axaff00122N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.668

## Comments

Focal plane temperature is warmer than -118.7 C degrees during the entire observation. This temperature is the upper limit of the verified ACIS calibration for the front-illuminated chips. The focal plane temperature is warmer than -116.7 degrees C for the entire observation. This temperature is the upper limit of the verified ACIS calibration for the back-illuminated chips. 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. No CTI correction was applied in this processing because there is no available CTI correction at these temperatures.

seq_num	500009	Sequence number
obs_id	122	Observation id
title	MONITORING OF SN 1987A	Proposal title
observer	Prof Gordon Garmire	Principal investigator
object	SN 1987A	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.867917	Observer's specified target RA
dec_targ	-69.270278	Observer's specified target Dec
ra_nom	83.888849854887	Nominal RA
dec_nom	-69.277211850265	Nominal Dec
roll_nom	327.66098322316	Nominal Roll
revision	3	Processing version of data
ontime	8665.6000080705	Sum of GTIs [s]
livetime	8555.8709629704	Livetime [s]
ontime0	8665.6000080705	Sum of GTIs [s]
ontime1	8665.6000080705	Sum of GTIs [s]
ontime2	8665.6000080705	Sum of GTIs [s]
ontime3	8665.6000080705	Sum of GTIs [s]
ontime7	8665.6000080705	Sum of GTIs [s]
l2events	71279	Number of level 2 events

