

# V&V Summary Report

## L2 ASCDS Version : 8.2.1

Observation 1249 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jan 13 2010

See [axaff01249N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.753

## Comments

The focal plane temperature is approximately -100 C 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	280199	Sequence number
obs_id	1249	Observation id
title	DEMONSTRATION IMAGE OF ETA CARINAE	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ETA CARINAE	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	161.265	Observer's specified target RA
dec_targ	-59.684167	Observer's specified target Dec
ra_nom	161.2551859245	Nominal RA
dec_nom	-59.681529984057	Nominal Dec
roll_nom	175.95073617178	Nominal Roll
revision	3	Processing version of data
ontime	9750.3590588644	Sum of GTIs [s]
livetime	9626.8941414997	Livetime [s]
ontime0	9753.6000090837	Sum of GTIs [s]
ontime1	9753.6000090837	Sum of GTIs [s]
ontime2	9753.6000090837	Sum of GTIs [s]
ontime3	9750.3590588644	Sum of GTIs [s]
ontime6	9753.6000090837	Sum of GTIs [s]
ontime7	9753.6000090837	Sum of GTIs [s]
l2events	188887	Number of level 2 events

