

# V&V Summary Report

## L2 ASCDS Version : 8.2.1

Observation 50 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jan 13 2010

See [axaff00050N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.038

## Comments

Focal plane temperature is approximately -100 C degrees during this observation. ACIS has not been calibrated at this temperature, because the focal plane temperature of -119.7 C degrees became the standard shortly after the start of the mission. Both front and back illuminated

chips are affected.

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. This reprocessing

of the data applies no CTI correction because none is available for this temperature.

seq_num	290019	Sequence number
obs_id	50	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	161.25514300427	Nominal RA
dec_nom	-59.681531378108	Nominal Dec
roll_nom	176.0894566608	Nominal Roll
revision	3	Processing version of data
ontime	12035.200011209	Sum of GTIs [s]
livetime	11882.803061939	Livetime [s]
ontime0	12035.200011209	Sum of GTIs [s]
ontime1	12035.200011209	Sum of GTIs [s]
ontime2	12035.200011209	Sum of GTIs [s]
ontime3	12035.200011209	Sum of GTIs [s]
ontime6	12035.195748821	Sum of GTIs [s]
ontime7	12035.200011209	Sum of GTIs [s]
l2events	574112	Number of level 2 events

