

# V&V Summary Report

## L2 ASCDS Version : 8.3.2.1

Observation 513 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Sep 28 2010

See [axaff00513N001\\_VV002\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.09.30
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	45.413

## Comments

Roll preference met.

Window preference met.

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The focal plane temperature is approximately -110 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	800021	Sequence number
obs_id	513	Observation id
title	RESOLVING THE SHOCK WAVE IN ABELL 3667	Proposal title
observer	Dr Steve Murray	Principal investigator
object	ABELL 3667	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	303.209595	Observer's specified target RA
dec_targ	-56.849165	Observer's specified target Dec
ra_nom	303.2105018645	Nominal RA
dec_nom	-56.854602607017	Nominal Dec
roll_nom	299.31524783907	Nominal Roll
revision	4	Processing version of data
ontime	45413.073877156	Sum of GTIs [s]
livetime	44838.026191253	Livetime [s]
ontime0	45516.908362351	Sum of GTIs [s]
ontime1	45594.651255094	Sum of GTIs [s]
ontime2	45218.655428991	Sum of GTIs [s]
ontime3	45413.073877156	Sum of GTIs [s]
ontime5	47675.428557739	Sum of GTIs [s]
ontime6	46045.024945669	Sum of GTIs [s]
l2events	950491	Number of level 2 events

