

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 1281 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See axaff01281N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.529

## Comments

The guide star in slot 7 was removed from the aspect solution due to poor data quality. The aspect solution is not expected to be degraded by removing one fid light or guide star from the solution.

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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	880231	Sequence number
obs_id	1281	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Triang.Austr.	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	249.583333	Observer's specified target RA
dec_targ	-64.356111	Observer's specified target Dec
ra_nom	249.57810525066	Nominal RA
dec_nom	-64.361292490279	Nominal Dec
roll_nom	270.83718587831	Nominal Roll
revision	4	Processing version of data
ontime	11536.000010744	Sum of GTIs [s]
livelime	11389.924232462	Livetime [s]
ontime0	11536.000010744	Sum of GTIs [s]
ontime1	11536.000010744	Sum of GTIs [s]
ontime2	11536.000010744	Sum of GTIs [s]
ontime3	11536.000010744	Sum of GTIs [s]
ontime6	11536.000010744	Sum of GTIs [s]
ontime7	11536.000010744	Sum of GTIs [s]
l2events	247166	Number of level 2 events

