V&V Summary Report
L2 ASCDS Version : 8.1.2

Observation 1227 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See axaff01227N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.24

Comments

```
ACIS effective area measurement.
===
Charge time for this ObsId remains at previous value of 12.24 ksec,
although
with the current processing the charge time would have been 12.25 ksec.
==
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 guide
star from the solution.
===
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
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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	880177	Sequence number
obs_id	1227	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Triang.Austr.	Source name
dtycycle	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	249.57808450527	Nominal RA
dec_nom	-64.361285484049	Nominal Dec
roll_nom	270.72785803312	Nominal Roll
revision	4	Processing version of data
ontime	12256.000011414	Sum of GTIs [s]
livetime	12100.807159593	Livetime [s]
ontime0	12256.000011414	Sum of GTIs [s]
ontime1	12252.759051204	Sum of GTIs [s]
ontime2	12256.000011414	Sum of GTIs [s]
ontime3	12256.000011414	Sum of GTIs [s]
ontime6	12256.000011414	Sum of GTIs [s]
ontime7	12256.000011414	Sum of GTIs [s]
l2events	253013	Number of level 2 events