V&V Summary Report
L2 ASCDS Version : 8.1.2

Observation 1229 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 16 2009

See axaff01229N001_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	9.756

Comments

```
A high radiation environment existed during most of this observation,
resulting in somewhat enhanced count rates.
===
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	280179	Sequence number
obs_id	1229	Observation id
title	CALIBRATION OBSERVATION NGC 2516 FOR BORESIGHTING AND PLATE SCALE	&#160
observer	Dr. CXC Calibration	Principal investigator
object	NGC 2516	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	119.529583	Observer's specified target RA
dec_targ	-60.76	Observer's specified target Dec
ra_nom	119.52347942495	Nominal RA
dec_nom	-60.755574985628	Nominal Dec
roll_nom	148.57442111204	Nominal Roll
revision	2	Processing version of data
ontime	9753.6000090837	Sum of GTIs [s]
livetime	9630.0940528559	Livetime [s]
ontime4	9753.6000090837	Sum of GTIs [s]
ontime5	9753.6000090837	Sum of GTIs [s]
ontime6	9753.6000090837	Sum of GTIs [s]
ontime7	9753.6000090837	Sum of GTIs [s]
ontime8	9753.6000090837	Sum of GTIs [s]
ontime9	9753.6000090837	Sum of GTIs [s]
l2events	453925	Number of level 2 events