V&V Summary Report
L2 ASCDS Version : 8.3.2.1

Observation 860 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Sep 24 2010

See axaff00860N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.956

Comments

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Charge time for this ObsId remains at original value of 46.956 ks,
although
with the current processing the charge time would have been 47.157
ksec.
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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.
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A CCD bias map was incomplete because of data gaps in telemetry. The bias map for CCD 8 was reconstructed using scaled data from a comparable bias map for another observation to fill the data gaps. The pixels affected by the anomaly are bounded by sky coords:
(155.90943,19.75757),(155.87242,19.62237),(155.87368,19.62206),(155.91070,19.75726)

seq_num	700165		Sequence number
obs_id	860		Observation id
title	SPECTROSCOPY OF THE IONIZED GAS IN NGC 3227		Proposal title
observer	Dr. Ian George		Principal investigator
object	NGC 3227		Source name
dtycycle	0		&#160
cycle	P		events from which exps? Prim/Second/Both
ra_targ	155.879167		Observer's specified target RA
dec_targ	19.865		Observer's specified target Dec
ra_nom	155.88528626886		Nominal RA
dec_nom	19.879544228592		Nominal Dec
roll_nom	75.516678635467		Nominal Roll
revision	5		Processing version of data
ontime	47157.454855502		Sum of GTIs [s]
livetime	46560.318767311		Livetime [s]
ontime5	47157.413805492		Sum of GTIs [s]
ontime6	47163.854695924		Sum of GTIs [s]
ontime7	47157.454855502		Sum of GTIs [s]
ontime8	47163.813645929		Sum of GTIs [s]
ontime9	47160.531675644		Sum of GTIs [s]
l2events	468819		Number of level 2 events