V&V Summary Report
L2 ASCDS Version : 8.1.1

Observation 1086 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

See axaff01086N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.07.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.657

Comments

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Imaging on ACIS-I.
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Charge time for this ObsId remains at original value of 9.657 ksec,
although with the current processing the charge time would have been
9.757 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
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seq_num	880036	Sequence number
obs_id	1086	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	COMA CLUSTER	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	194.95	Observer's specified target RA
dec_targ	27.966667	Observer's specified target Dec
ra_nom	194.95563764426	Nominal RA
dec_nom	27.96743798925	Nominal Dec
roll_nom	31.43240899665	Nominal Roll
revision	4	Processing version of data
ontime	9756.7180986553	Sum of GTIs [s]
livetime	9633.1726592998	Livetime [s]
ontime2	9759.9590588808	Sum of GTIs [s]
ontime3	9759.9590488821	Sum of GTIs [s]
ontime6	9763.2000090927	Sum of GTIs [s]
ontime7	9756.7180986553	Sum of GTIs [s]
ontime8	9763.2000090927	Sum of GTIs [s]
l2events	325765	Number of level 2 events