V&V Summary Report
L2 ASCDS Version : 8.1.2

Observation 1096 - L2 Version 6
Chandra X-Ray Center

L2 Processing Date : Aug 3 2010

See axaff01096N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.76

Comments

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Target is very off-axis on chip S1.
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A fid light was accidentally tracked in slot 4 as a guide star,
resulting in the loss of both the fid light in slot 2 and the guide star
in slot 4.
Also, the guide star in slot 7 was not utilized in this observation.
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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
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effect.

seq_num	480046	Sequence number
obs_id	1096	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	LMC X-1	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	84.914583	Observer's specified target RA
dec_targ	-69.743611	Observer's specified target Dec
ra_nom	85.774173559384	Nominal RA
dec_nom	-69.756822454676	Nominal Dec
roll_nom	113.50151028083	Nominal Roll
revision	6	Processing version of data
ontime	1758.5912594497	Sum of GTIs [s]
livetime	1736.322918026	Livetime [s]
ontime0	1758.755419448	Sum of GTIs [s]
ontime1	1758.7143794522	Sum of GTIs [s]
ontime2	1758.6733394489	Sum of GTIs [s]
ontime3	1758.632299453	Sum of GTIs [s]
ontime6	1758.5912594497	Sum of GTIs [s]
ontime7	1758.7964594513	Sum of GTIs [s]
l2events	91439	Number of level 2 events