V&V Summary Report
L2 ASCDS Version : 8.1.2

Observation 1073 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 16 2009

See axaff01073N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.07.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.758

Comments

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Target is very off-axis on S1.
Charge time for this ObsId remains at previous value of 0.758 ksec,
although
with the current processing the charge time would have been 0.755 ksec.
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Slot 6 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
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depend on the most accurate spectral response should not notice an
effect.

seq_num	480023	Sequence number
obs_id	1073	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	85.083852966662	Nominal RA
dec_nom	-69.931950385379	Nominal Dec
roll_nom	116.46279075461	Nominal Roll
revision	3	Processing version of data
ontime	755.20000070333	Sum of GTIs [s]
livetime	745.63720356758	Livetime [s]
ontime4	755.20000070333	Sum of GTIs [s]
ontime5	755.20000070333	Sum of GTIs [s]
ontime6	755.20000070333	Sum of GTIs [s]
ontime7	755.20000070333	Sum of GTIs [s]
ontime8	755.20000070333	Sum of GTIs [s]
ontime9	755.20000070333	Sum of GTIs [s]
l2events	62108	Number of level 2 events