V&V Summary Report
L2 ASCDS Version : 8.1.2

Observation 112 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 16 2009

See axaff00112N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.037

Comments

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Charge time for this ObsId remains at previous value of 3.037 ksec,
although
with the current processing the charge time would have been 3.033 ksec.
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The focal plane temperature is approximately -110C 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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seq_num	490002	Sequence number
obs_id	112	Observation id
title	Measure of PSF wings	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	84.913958637814	Nominal RA
dec_nom	-69.738178243344	Nominal Dec
roll_nom	116.80381318972	Nominal Roll
revision	3	Processing version of data
ontime	3033.6000028253	Sum of GTIs [s]
livetime	2995.1867329749	Livetime [s]
ontime2	3033.6000028253	Sum of GTIs [s]
ontime3	3033.6000028253	Sum of GTIs [s]
ontime5	3033.6000028253	Sum of GTIs [s]
ontime6	3033.6000028253	Sum of GTIs [s]
ontime7	3033.6000028253	Sum of GTIs [s]
ontime8	3033.6000028253	Sum of GTIs [s]
l2events	121556	Number of level 2 events