

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1097 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See axaff01097N001_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	1.76

Comments

Target is very off-axis on S2.

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Guide star in slot 7 was not acquired for 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 depend on the most accurate spectral response should not notice an effect.

seq_num	480047	Sequence number
obs_id	1097	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	LMC X-1	Source name
dtcycle	0	
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	85.565708304424	Nominal RA
dec_nom	-69.71535454881	Nominal Dec
roll_nom	113.27712925001	Nominal Roll
revision	5	Processing version of data
ontime	1758.5748897344	Sum of GTIs [s]
livetime	1736.3067555939	Livetime [s]
ontime0	1758.7390497327	Sum of GTIs [s]
ontime1	1758.6980097368	Sum of GTIs [s]
ontime2	1758.6569697335	Sum of GTIs [s]
ontime3	1758.6159297377	Sum of GTIs [s]
ontime6	1758.5748897344	Sum of GTIs [s]
ontime7	1758.780089736	Sum of GTIs [s]
l2events	88320	Number of level 2 events

