

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1200 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 17 2009

See axaff01200N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.01.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13

Comments

BEWARE: HRC focus adjustments were made twice during the acquisition of this observation. Dither amplitude was changed from 1.1 arcsec to 20 arcsec partway through the observation. There was no affect on the processing from this change in dither amplitude.

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An artifact appears in the event 2 data with morphology similar to a jet.

This feature is instrumental and is the result of a few events with bad positions. This is likely due to the characteristics of the HRC degap map for very off-axis sources and/or signal saturation.

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Charge time for this observation remains at previous value of 13.0 ksec, although with the current processing the charge time would have been 8.3 ksec. HRC high voltage was not turned on immediately.

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Only one fid light and 4 guide stars were available for use with this observation. While 4 guide stars is considered adequate for a good aspect solution, use of only 1 fid light will definitely degrade the

seq_num	480150	Sequence number
obs_id	1200	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	LMC X-1	Source name
ra_targ	84.914583	Observer's specified target RA
dec_targ	-69.743611	Observer's specified target Dec
ra_nom	84.915970827394	Nominal RA
dec_nom	-69.73896082154	Nominal Dec
roll_nom	108.40792539619	Nominal Roll
revision	4	Processing version of data
ontime	8326.3315491751	[s]
livetime	8235.9742680872	Ontime multiplied by DTCOR
l2events	452229	Number of level 2 events

