

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 125 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

See [axaff00125N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.168

Comments

The focal plane temperature is approximately -110 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	500012	Sequence number
obs_id	125	Observation id
title	ACIS STUDY OF THE LMC SUPERNOVA REMNANT N103B	Proposal title
observer	Prof Gordon Garmire	Principal investigator
object	SNR 509.0-68.7	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	77.245833	Observer's specified target RA
dec_targ	-68.725	Observer's specified target Dec
ra_nom	77.304479644721	Nominal RA
dec_nom	-68.724517593367	Nominal Dec
roll_nom	6.5922297718446	Nominal Roll
revision	4	Processing version of data
ontime	37164.800034612	Sum of GTIs [s]
livetime	36694.196958618	Livetime [s]
ontime2	37164.800034612	Sum of GTIs [s]
ontime3	37164.800034612	Sum of GTIs [s]
ontime6	37164.800034612	Sum of GTIs [s]
ontime7	37164.800034612	Sum of GTIs [s]
ontime8	37164.800034612	Sum of GTIs [s]
l2events	844951	Number of level 2 events

