

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 13003 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jul 5 2012

See axaff13003N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9631999815702

## Comments

A spatial region of the original bias map for CCD = 1 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 1 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:

(8.20663, -9.96014), (8.20479, -9.96218), (8.23187, -9.98594), (8.23174, -9.98218)

seq_num	600967	Sequence number
obs_id	13003	Observation id
title	The brightest ultraluminous X-ray sources across the sky	Proposal
observer	Dr Jifeng Liu	Principal investigator
object	J003359.2-094220	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	8.496667	Observer's specified target RA [deg]
dec_targ	-9.705556	Observer's specified target Dec [deg]
ra_nom	8.5014693878891	Nominal RA [deg]
dec_nom	-9.7063389851985	Nominal Dec [deg]
roll_nom	318.33009248936	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4963.1999815702	Sum of GTIs [s]
livetime	4900.3529549234	Livetime [s]
ontime0	4963.1999815702	Sum of GTIs [s]
ontime1	4963.193683207	Sum of GTIs [s]
ontime2	4963.1999815702	Sum of GTIs [s]
ontime3	4963.1999815702	Sum of GTIs [s]
ontime6	4963.1999815702	Sum of GTIs [s]
ontime7	4963.1999815702	Sum of GTIs [s]
l2events	36797	Number of level 2 events

