

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 10726 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 22 2012

See axaff10726N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.14910003

## 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 ( $\sim 20$  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:  
(201.43552, -42.84343), (201.42810, -42.84307), (201.41667, -42.96561), (201.42411, -42.96597)

seq_num	701956	Sequence number
obs_id	10726	Observation id
title	Longterm Monitoring of the Centaurus A Jet, ULXs, and Low Mass X-ray Binary Population	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	Centaurus A	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	201.46285	Observer's specified target RA [deg]
dec_targ	-42.960089	Observer's specified target Dec [deg]
ra_nom	201.46533080401	Nominal RA [deg]
dec_nom	-42.967992027013	Nominal Dec [deg]
roll_nom	266.11582325643	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5149.1000396013	Sum of GTIs [s]
livetime	5081.8232568716	Livetime [s]
ontime0	5149.1000396013	Sum of GTIs [s]
ontime1	5149.1000396013	Sum of GTIs [s]
ontime2	5149.1000396013	Sum of GTIs [s]
ontime3	5149.1000396013	Sum of GTIs [s]
ontime6	5149.1000396013	Sum of GTIs [s]
l2events	37098	Number of level 2 events

