

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 8490 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 25 2012

See axaff08490N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	95.6752188

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:

(201.16800, -42.94623), (201.16297, -42.94724), (201.18155, -42.99710), (201.18624, -42.99516)

seq_num	701464	Sequence number
obs_id	8490	Observation id
title	Jets, Bubbles, Binaries, and Hot Gas: A Deep Observation of Centaurus A	Proposal title
observer	Dr. Ralph Kraft	Principal investigator
object	Centaurus A Jet	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	201.328292	Observer's specified target RA [deg]
dec_targ	-43.050478	Observer's specified target Dec [deg]
ra_nom	201.3342566642	Nominal RA [deg]
dec_nom	-43.05729020474	Nominal Dec [deg]
roll_nom	285.3580469865	Nominal Roll [deg]
revision	3	Processing version of data
ontime	95675.218805015	Sum of GTIs [s]
livetime	94425.151636256	Livetime [s]
ontime0	95678.359735668	Sum of GTIs [s]
ontime1	95668.936794579	Sum of GTIs [s]
ontime2	95678.359735608	Sum of GTIs [s]
ontime3	95675.218805015	Sum of GTIs [s]
ontime6	95681.500735879	Sum of GTIs [s]
l2events	684261	Number of level 2 events

