

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 9892 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 28 2012

See [axaff09892N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	66.6654595

Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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:
(268.23784, -29.63873), (268.23757, -29.63629), (268.19568, -29.63975), (268.19845, -29.64199)

seq_num	900837	Sequence number
obs_id	9892	Observation id
title	THE ORIGIN OF THE GALACTIC RIDGE X-RAY EMISSION	Proposal title
observer	Dr. Mikhail Revnivitsev	Principal investigator
object	1.5deg_window	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.86375	Observer's specified target RA [deg]
dec_targ	-29.58475	Observer's specified target Dec [deg]
ra_nom	267.86853222017	Nominal RA [deg]
dec_nom	-29.593117756857	Nominal Dec [deg]
roll_nom	275.21105147345	Nominal Roll [deg]
revision	3	Processing version of data
ontime	66665.459522426	Sum of GTIs [s]
liveltime	65794.426215368	Livetime [s]
ontime0	66662.318542063	Sum of GTIs [s]
ontime1	66656.036581516	Sum of GTIs [s]
ontime2	66665.459512413	Sum of GTIs [s]
ontime3	66665.459522426	Sum of GTIs [s]
ontime6	66659.177531838	Sum of GTIs [s]
l2events	348125	Number of level 2 events

