

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9893 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 20 2012

See axaff09893N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	42.7177134

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:
(268.24047, -29.64066), (268.24020, -29.63821), (268.19831, -29.64167), (268.20108, -29.64391)

seq_num	900837	Sequence number
obs_id	9893	Observation id
title	THE ORIGIN OF THE GALACTIC RIDGE X-RAY EMISSION	Proposal title
observer	Dr. Mikhail Revnivtsev	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	267.87097908384	Nominal RA [deg]
dec_nom	-29.594898945527	Nominal Dec [deg]
roll_nom	275.21225825746	Nominal Roll [deg]
revision	3	Processing version of data
ontime	42716.375993669	Sum of GTIs [s]
livetime	42158.255093973	Livetime [s]
ontime0	42731.957755804	Sum of GTIs [s]
ontime1	42725.716795385	Sum of GTIs [s]
ontime2	42738.321826458	Sum of GTIs [s]
ontime3	42716.375993669	Sum of GTIs [s]
ontime6	42725.634715319	Sum of GTIs [s]
l2events	223151	Number of level 2 events

