

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9854 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 21 2012

See axaff09854N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.0825591

Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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:
(267.91356, -29.71177), (267.91776, -29.71127), (267.90846, -29.65183), (267.90426, -29.65234)

seq_num	900837	Sequence number
obs_id	9854	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	267.87403966852	Nominal RA [deg]
dec_nom	-29.596303415268	Nominal Dec [deg]
roll_nom	277.71950865839	Nominal Roll [deg]
revision	3	Processing version of data
ontime	23082.55917722	Sum of GTIs [s]
livetime	22780.968548437	Livetime [s]
ontime0	23082.559167266	Sum of GTIs [s]
ontime1	23082.55917722	Sum of GTIs [s]
ontime2	23082.55917716	Sum of GTIs [s]
ontime3	23076.277146757	Sum of GTIs [s]
ontime6	23085.70017755	Sum of GTIs [s]
l2events	120603	Number of level 2 events

