

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2294 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 18 2012

See axaff02294N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.759

Comments

Roll constraint met.

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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:

(266.33586, -28.39025), (266.33165, -28.39117), (266.33604, -28.40693), (266.34025, -28.40601)

seq_num	900121	Sequence number
obs_id	2294	Observation id
title	CHANDRA SURVEY OF THE GALACTIC RIDGE AROUND THE MILKY WAY CENTER	P
observer	Prof. Q. Daniel Wang	Principal investigator
object	GCS 9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.4468	Observer's specified target RA [deg]
dec_targ	-28.5017	Observer's specified target Dec [deg]
ra_nom	266.4459699271	Nominal RA [deg]
dec_nom	-28.506338660126	Nominal Dec [deg]
roll_nom	283.80729635843	Nominal Roll [deg]
revision	4	Processing version of data
ontime	11756.759030685	Sum of GTIs [s]
livetime	11607.887868768	Livetime [s]
ontime0	11756.759030685	Sum of GTIs [s]
ontime1	11756.759010762	Sum of GTIs [s]
ontime2	11760.000010937	Sum of GTIs [s]
ontime3	11756.759030685	Sum of GTIs [s]
ontime6	11756.759030685	Sum of GTIs [s]
ontime7	11756.759030685	Sum of GTIs [s]
l2events	50277	Number of level 2 events

