

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2291 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 18 2012

See axaff02291N003_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	10.761

Comments

Roll constraint met.

=====

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:
(266.36759, -29.09280), (266.36335, -29.09372), (266.36776, -29.10948), (266.37200, -29.10856)

seq_num	900118	Sequence number
obs_id	2291	Observation id
title	CHANDRA SURVEY OF THE GALACTIC RIDGE AROUND THE MILKY WAY CENTER	P
observer	Prof. Q. Daniel Wang	Principal investigator
object	GCS 16	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.4793	Observer's specified target RA [deg]
dec_targ	-29.2042	Observer's specified target Dec [deg]
ra_nom	266.47845827947	Nominal RA [deg]
dec_nom	-29.208890632191	Nominal Dec [deg]
roll_nom	283.80728374232	Nominal Roll [deg]
revision	4	Processing version of data
ontime	10758.400010005	Sum of GTIs [s]
livetime	10622.170671147	Livetime [s]
ontime0	10758.400010005	Sum of GTIs [s]
ontime1	10758.400010005	Sum of GTIs [s]
ontime2	10758.400010005	Sum of GTIs [s]
ontime3	10758.400010005	Sum of GTIs [s]
ontime6	10758.400010005	Sum of GTIs [s]
ontime7	10758.400010005	Sum of GTIs [s]
l2events	57548	Number of level 2 events

