

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 8025 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : May 4 2012

See axaff08025N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.7471178

Comments

Roll preference met.

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A spatial region of the original bias map for CCD = 3 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 = 3 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;
(149.99878,1.99811), (149.98494,2.00179), (149.94931,1.86695), (149.96315,1.86326)

seq_num	900569	Sequence number
obs_id	8025	Observation id
title	THE CHANDRA-COSMOS SURVEY	Proposal title
observer	Dr. Martin Elvis	Principal investigator
object	C-COSMOS6-4	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	149.904575	Observer's specified target RA [deg]
dec_targ	1.887075	Observer's specified target Dec [deg]
ra_nom	149.90493091133	Nominal RA [deg]
dec_nom	1.8790072411308	Nominal Dec [deg]
roll_nom	255.20868300733	Nominal Roll [deg]
revision	4	Processing version of data
ontime	49746.783006191	Sum of GTIs [s]
livetime	49116.85928585	Livetime [s]
ontime0	49749.900876582	Sum of GTIs [s]
ontime1	49749.941846967	Sum of GTIs [s]
ontime2	49740.260025322	Sum of GTIs [s]
ontime3	49746.783006191	Sum of GTIs [s]
ontime6	49746.865066409	Sum of GTIs [s]
ontime7	49753.306006968	Sum of GTIs [s]
l2events	352518	Number of level 2 events

