

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 8552 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Apr 23 2012

See axaff08552N005_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.0431999

Comments

Preferred 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:
(150.29443,2.20394), (150.28941,2.20525), (150.27758,2.16043), (150.28322,2.16149)

seq_num	900549	Sequence number
obs_id	8552	Observation id
title	THE CHANDRA-COSMOS SURVEY	Proposal title
observer	Dr. Martin Elvis	Principal investigator
object	C-COSMOS3-1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	150.417292	Observer's specified target RA [deg]
dec_targ	2.126269	Observer's specified target Dec [deg]
ra_nom	150.41766478836	Nominal RA [deg]
dec_nom	2.1182259251683	Nominal Dec [deg]
roll_nom	255.20870693871	Nominal Roll [deg]
revision	5	Processing version of data
ontime	15042.044204175	Sum of GTIs [s]
livetime	14851.572783231	Livetime [s]
ontime0	15041.921084166	Sum of GTIs [s]
ontime1	15041.962124169	Sum of GTIs [s]
ontime2	15042.003164172	Sum of GTIs [s]
ontime3	15042.044204175	Sum of GTIs [s]
ontime6	15042.126284182	Sum of GTIs [s]
ontime7	15042.085244179	Sum of GTIs [s]
l2events	107426	Number of level 2 events

