

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 57272 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 31 2012

See [axaff57272N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2703999878764

Comments

A spatial region of the original bias map for CCD = 4 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 = 4 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 chip coords:
(675,1), (708,1), (708,279), (675,279)

seq_num	 	Sequence number
obs_id	57272	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	151.02808565133	Nominal RA [deg]
dec_nom	-13.991310453436	Nominal Dec [deg]
roll_nom	344.70596331283	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3270.3999878764	Sum of GTIs [s]
livetime	3228.9882140315	Livetime [s]
ontime4	3270.3999878764	Sum of GTIs [s]
ontime5	3270.3999878764	Sum of GTIs [s]
ontime6	3270.3999878764	Sum of GTIs [s]
ontime7	3270.3999878764	Sum of GTIs [s]
ontime8	3270.3999878764	Sum of GTIs [s]
ontime9	3270.3999878764	Sum of GTIs [s]
l2events	232518	Number of level 2 events