

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 57084 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

See axaff57084N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2735999878645

Comments

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 chip coords:

(972,1), (992,1), (992,1024), (972,1024)

seq_num	 	Sequence number
obs_id	57084	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	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	220.0061302981	Nominal RA [deg]
dec_nom	-14.028097680723	Nominal Dec [deg]
roll_nom	249.0810112032	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3273.5999878645	Sum of GTIs [s]
livetime	3232.1476936929	Livetime [s]
ontime0	3273.5999878645	Sum of GTIs [s]
ontime1	3270.3591270447	Sum of GTIs [s]
ontime2	3273.5999878645	Sum of GTIs [s]
ontime3	3273.5999878645	Sum of GTIs [s]
ontime5	3273.5999878645	Sum of GTIs [s]
ontime7	3273.5999878645	Sum of GTIs [s]
l2events	207597	Number of level 2 events