

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 62191 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 10 2012

See axaff62191N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.4635218968615

Comments

A spatial region of the original bias map for CCD = 0 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 = 0 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:

(308,1), (346,1), (346,362), (308,362)

seq_num	 	Sequence number
obs_id	62191	Observation id
title	ACIS-012367 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	110.11084261701	Nominal RA [deg]
dec_nom	-31.43204832195	Nominal Dec [deg]
roll_nom	330.17634348678	Nominal Roll [deg]
revision	5	Processing version of data
ontime	3463.5218968615	Sum of GTIs [s]
livetime	3419.6646971209	Livetime [s]
ontime0	1395.7981033623	Sum of GTIs [s]
ontime1	1418.5263436139	Sum of GTIs [s]
ontime2	1327.8183432296	Sum of GTIs [s]
ontime3	1360.0645234287	Sum of GTIs [s]
ontime6	1506.1164539233	Sum of GTIs [s]
ontime7	3463.5218968615	Sum of GTIs [s]
l2events	920659	Number of level 2 events