

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 62127 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 10 2012

See axaff62127N003_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	3.5166791451722

Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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:
(115,1), (181,1), (181,276), (115,342)

seq_num	 	Sequence number
obs_id	62127	Observation id
title	ACIS-012367 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	82.375763134707	Nominal RA [deg]
dec_nom	0.99873404966842	Nominal Dec [deg]
roll_nom	273.58735574223	Nominal Roll [deg]
revision	5	Processing version of data
ontime	3516.6791451722	Sum of GTIs [s]
livetime	3472.1488363461	Livetime [s]
ontime0	1440.8650401086	Sum of GTIs [s]
ontime1	1486.2806299776	Sum of GTIs [s]
ontime2	1421.5009299964	Sum of GTIs [s]
ontime3	1427.8187403083	Sum of GTIs [s]
ontime6	1599.7990299165	Sum of GTIs [s]
ontime7	3516.6791451722	Sum of GTIs [s]
l2events	929769	Number of level 2 events