

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 60276 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Apr 1 2013

See axaff60276N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8015999709368

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:
(652,1), (679,1), (679,1024), (652,1024)

seq_num	 	Sequence number
obs_id	60276	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	215.97075569401	Nominal RA [deg]
dec_nom	14.995352347848	Nominal Dec [deg]
roll_nom	156.48010953666	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7801.5999709368	Sum of GTIs [s]
livetime	7702.8114145452	Livetime [s]
ontime0	5610.7055346668	Sum of GTIs [s]
ontime1	5594.5004633963	Sum of GTIs [s]
ontime2	5306.0551959276	Sum of GTIs [s]
ontime3	5390.320153743	Sum of GTIs [s]
ontime6	5656.0768331885	Sum of GTIs [s]
ontime7	7801.5999709368	Sum of GTIs [s]
l2events	1110758	Number of level 2 events