

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 56361 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 25 2012

See [axaff56361N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0495188230276

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:

(616,1), (647,1), (647,1024), (616,1024)

seq_num	 	Sequence number
obs_id	56361	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	186.64710795777	Nominal RA [deg]
dec_nom	-23.182113728059	Nominal Dec [deg]
roll_nom	236.98531100501	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3049.5188230276	Sum of GTIs [s]
livetime	3010.9039794906	Livetime [s]
ontime0	3049.4777830243	Sum of GTIs [s]
ontime1	3049.436743021	Sum of GTIs [s]
ontime2	3049.3957030177	Sum of GTIs [s]
ontime3	3049.5598630309	Sum of GTIs [s]
ontime5	3049.3546630144	Sum of GTIs [s]
ontime7	3049.5188230276	Sum of GTIs [s]
l2events	164268	Number of level 2 events