

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 61856 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 11 2012

See axaff61856N003_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	4.58928989847

Comments

A spatial region of the original bias map for CCD = 9 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 = 9 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:
(905,503), (927,503), (927,892), (905,924)

seq_num	 	Sequence number
obs_id	61856	Observation id
title	ACIS-456789 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	356.39436001697	Nominal RA [deg]
dec_nom	-59.497991920362	Nominal Dec [deg]
roll_nom	311.46382201719	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4589.28989847	Sum of GTIs [s]
livetime	4531.177546437	Livetime [s]
ontime4	1931.6582098901	Sum of GTIs [s]
ontime5	4916.6260251254	Sum of GTIs [s]
ontime6	2060.5968031436	Sum of GTIs [s]
ontime7	4589.28989847	Sum of GTIs [s]
ontime8	2128.5761840492	Sum of GTIs [s]
ontime9	2048.335320577	Sum of GTIs [s]
l2events	1251038	Number of level 2 events