

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 55062 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 26 2012

See axaff55062N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2861913143992

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:
(437,1), (460,1), (460,1024), (437,1024)

seq_num	 	Sequence number
obs_id	55062	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	204.64294990703	Nominal RA [deg]
dec_nom	62.516476492559	Nominal Dec [deg]
roll_nom	22.036626723383	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3286.1913143992	Sum of GTIs [s]
livetime	3244.5795812695	Livetime [s]
ontime4	3286.0681943893	Sum of GTIs [s]
ontime5	3286.1502743959	Sum of GTIs [s]
ontime6	3286.1092343926	Sum of GTIs [s]
ontime7	3286.1913143992	Sum of GTIs [s]
ontime8	3286.027154386	Sum of GTIs [s]
ontime9	3286.2323544025	Sum of GTIs [s]
l2events	127846	Number of level 2 events