

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 58056 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : May 10 2012

See axaff58056N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9999999702573

Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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:

(95,1), (154,1), (154,168), (95,227)

seq_num	 	Sequence number
obs_id	58056	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	47.618592446464	Nominal RA [deg]
dec_nom	-24.22320220399	Nominal Dec [deg]
roll_nom	318.56205183811	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7999.9999702573	Sum of GTIs [s]
livetime	7898.6991536122	Livetime [s]
ontime0	7999.9999702573	Sum of GTIs [s]
ontime1	7996.7590000033	Sum of GTIs [s]
ontime2	7999.9999702573	Sum of GTIs [s]
ontime3	7999.9999702573	Sum of GTIs [s]
ontime6	7999.9999702573	Sum of GTIs [s]
ontime7	7999.9999702573	Sum of GTIs [s]
l2events	624336	Number of level 2 events