

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 58118 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 7 2012

See axaff58118N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.1615590030551

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:
(258,1), (290,1), (290,1024), (258,1024)

seq_num	 	Sequence number
obs_id	58118	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	26.014757635438	Nominal RA [deg]
dec_nom	25.974520412082	Nominal Dec [deg]
roll_nom	264.5862223928	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7161.5590030551	Sum of GTIs [s]
livetime	7070.8750307853	Livetime [s]
ontime4	6931.4491710067	Sum of GTIs [s]
ontime5	7161.559032917	Sum of GTIs [s]
ontime6	6954.1359733343	Sum of GTIs [s]
ontime7	7161.5590030551	Sum of GTIs [s]
ontime8	7005.9917578697	Sum of GTIs [s]
ontime9	6967.0999742746	Sum of GTIs [s]
l2events	752370	Number of level 2 events