

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 9717 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 2 2012

See axaff09717N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	117.545636

Comments

A spatial region of the original bias map for CCD = 0 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 = 0 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 sky coords:
(334.29254,0.10933), (334.29656,0.11005), (334.29116,0.14010), (334.28713,0.13939)

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The tlmBusy anomaly began at 2007-10-01, 19:21:06.254 and lasted for about 2.5 seconds. The corrupted data have not been removed in this processing. No science data products are affected.

seq_num	900577	Sequence number
obs_id	9717	Observation id
title	The Chandra Deep Proto-cluster Field: Black-Hole Growth and Feedback in Dense Environments	Proposal title
observer	Dr David Alexander	Principal investigator
object	SSA22 Protocluster	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	334.399583	Observer's specified target RA [deg]
dec_targ	0.266361	Observer's specified target Dec [deg]
ra_nom	334.40331282918	Nominal RA [deg]
dec_nom	0.25919093754596	Nominal Dec [deg]
roll_nom	280.2086731716	Nominal Roll [deg]
revision	3	Processing version of data
ontime	117545.49770218	Sum of GTIs [s]
livetime	116009.67923897	Livetime [s]
ontime0	117517.1056695	Sum of GTIs [s]
ontime1	117545.41563249	Sum of GTIs [s]
ontime2	117419.81628615	Sum of GTIs [s]
ontime3	117545.49770218	Sum of GTIs [s]
l2events	276396	Number of level 2 events

