

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 13519 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 31 2012

See [axaff13519N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	48.080389296472

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 sky coords:
(96.76534, -54.14283), (96.77618, -54.13626), (96.74899, -54.12077), (96.75115, -54.13475)

seq_num	900986	Sequence number
obs_id	13519	Observation id
title	Measuring the Temperature Structure of the A3395/A3391 Large Scale Filament in the Horologium Supercluster	Proposal title
observer	Dr. Scott Randall	Principal investigator
object	Abell 3395 Filament Center	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	96.544539	Observer's specified target RA [deg]
dec_targ	-54.085703	Observer's specified target Dec [deg]
ra_nom	96.532282639327	Nominal RA [deg]
dec_nom	-54.082024363619	Nominal Dec [deg]
roll_nom	135.60563443094	Nominal Roll [deg]
revision	2	Processing version of data
ontime	48080.389296472	Sum of GTIs [s]
livetime	47452.183614046	Livetime [s]
ontime0	48080.266126633	Sum of GTIs [s]
ontime1	48077.166266024	Sum of GTIs [s]
ontime2	48080.34823662	Sum of GTIs [s]
ontime3	48080.389296472	Sum of GTIs [s]
ontime6	48083.366106808	Sum of GTIs [s]
l2events	134681	Number of level 2 events

