

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 13522 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Aug 14 2012

See [axaff13522N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.07731844449

## Comments

A spatial region of the original bias map for CCD = 6 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 ( $\sim 20$  eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 6 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:  
(96.24595, -54.47403), (96.24878, -54.47566), (96.30675, -54.44161), (96.30820, -54.43746)

seq_num	900989	Sequence number
obs_id	13522	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 South	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	96.692676	Observer's specified target RA [deg]
dec_targ	-54.284965	Observer's specified target Dec [deg]
ra_nom	96.680358990366	Nominal RA [deg]
dec_nom	-54.281277464736	Nominal Dec [deg]
roll_nom	135.57848065038	Nominal Roll [deg]
revision	2	Processing version of data
ontime	50077.31844449	Sum of GTIs [s]
livetime	49423.021412628	Livetime [s]
ontime0	50083.600385189	Sum of GTIs [s]
ontime1	50071.036503673	Sum of GTIs [s]
ontime2	50077.318404436	Sum of GTIs [s]
ontime3	50077.31844449	Sum of GTIs [s]
ontime6	50083.600385189	Sum of GTIs [s]
l2events	157784	Number of level 2 events

