

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 7714 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : May 10 2012

See [axaff07714N003\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.05560005

## 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:  
(209.66507,62.50812), (209.66032,62.50703), (209.70128,62.46893), (209.70603,62.47003)

seq_num	701382	Sequence number
obs_id	7714	Observation id
title	Snapshot Survey for X-ray Outbursts in Rich Clusters of Galaxies	P
observer	Professor Gordon Garmire	Principal investigator
object	ZWCL1358+6245	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	209.960833	Observer's specified target RA [deg]
dec_targ	62.517778	Observer's specified target Dec [deg]
ra_nom	209.93843508447	Nominal RA [deg]
dec_nom	62.481834979671	Nominal Dec [deg]
roll_nom	296.18375881064	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7055.6000542641	Sum of GTIs [s]
livetime	6963.4134452979	Livetime [s]
ontime0	7049.3181334734	Sum of GTIs [s]
ontime1	7055.6000542641	Sum of GTIs [s]
ontime2	7055.6000542641	Sum of GTIs [s]
ontime3	7055.6000542641	Sum of GTIs [s]
l2events	15206	Number of level 2 events

