

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 11030 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 14 2012

See axaff11030N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.846399814367

## 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 (~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:  
(322.53326,12.04189), (322.53432,12.04572), (322.48083,12.05986), (322.47978,12.05603)

seq_num	300270	Sequence number
obs_id	11030	Observation id
title	Deep X-ray observations of the Globular Cluster M15: A complete census of the interacting binary population	Proposal title
observer	Dr. Andrea Dieball	Principal investigator
object	M15	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	322.492917	Observer's specified target RA [deg]
dec_targ	12.166944	Observer's specified target Dec [deg]
ra_nom	322.4943311805	Nominal RA [deg]
dec_nom	12.162294304476	Nominal Dec [deg]
roll_nom	254.82284537862	Nominal Roll [deg]
revision	3	Processing version of data
ontime	49846.399814367	Sum of GTIs [s]
livetime	49215.214686019	Livetime [s]
ontime2	49839.917743862	Sum of GTIs [s]
ontime3	49846.399814367	Sum of GTIs [s]
ontime6	49846.399814367	Sum of GTIs [s]
ontime7	49846.399814367	Sum of GTIs [s]
ontime8	49843.158804059	Sum of GTIs [s]
ontime9	49846.399814367	Sum of GTIs [s]
l2events	502308	Number of level 2 events

