

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 12179 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

See axaff12179N003-VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	51.771716991603

## 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:  
(15.73414, -22.20278), (15.74354, -22.20506), (15.75755, -22.15589), (15.74695, -22.15784)

seq_num	800945	Sequence number
obs_id	12179	Observation id
title	The outskirts of Abell 133	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	Abell 133 (C)	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	15.73499	Observer's specified target RA [deg]
dec_targ	-22.14052	Observer's specified target Dec [deg]
ra_nom	15.738016153982	Nominal RA [deg]
dec_nom	-22.136737698788	Nominal Dec [deg]
roll_nom	75.209837948347	Nominal Roll [deg]
revision	3	Processing version of data
ontime	51771.716996491	Sum of GTIs [s]
livetime	51095.281400148	Livetime [s]
ontime0	51768.452856183	Sum of GTIs [s]
ontime1	51768.493895948	Sum of GTIs [s]
ontime2	51768.53493619	Sum of GTIs [s]
ontime3	51771.716996491	Sum of GTIs [s]
ontime6	51765.270805955	Sum of GTIs [s]
l2events	191355	Number of level 2 events

