

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 13196 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jul 9 2012

See axaff13196N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.047559229195

## Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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:  
(79.53889, -52.12708), (79.53774, -52.12388), (79.49130, -52.13010), (79.49245, -52.13330)

seq_num	900956	Sequence number
obs_id	13196	Observation id
title	Properties of the Warm-Hot Intergalactic Medium Using X-ray/SZ Cross-Correlation	Proposal title
observer	Dr. Massimiliano Galeazzi	Principal investigator
object	Blanco Cosmological Survey	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	79.25	Observer's specified target RA [deg]
dec_targ	-52.0	Observer's specified target Dec [deg]
ra_nom	79.255723785119	Nominal RA [deg]
dec_nom	-51.996640011889	Nominal Dec [deg]
roll_nom	12.111121104189	Nominal Roll [deg]
revision	3	Processing version of data
ontime	28047.55923152	Sum of GTIs [s]
livetime	27692.404148318	Livetime [s]
ontime2	28047.600271523	Sum of GTIs [s]
ontime3	28047.43611151	Sum of GTIs [s]
ontime5	28047.518191516	Sum of GTIs [s]
ontime6	28047.477151513	Sum of GTIs [s]
ontime7	28047.55923152	Sum of GTIs [s]
ontime8	28047.395071507	Sum of GTIs [s]
l2events	324557	Number of level 2 events

