

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 9379 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : May 24 2012

See [axaff09379N003\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.3117182

## 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:  
(245.17972,38.19704), (245.16815,38.18900), (245.17869,38.17958), (245.18763,38.18997)

seq_num	800716	Sequence number
obs_id	9379	Observation id
title	Probing Dark Energy with Relaxed Galaxy Clusters	Proposal title
observer	Prof. Steven Allen	Principal investigator
object	MACS1621	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	245.353333	Observer's specified target RA [deg]
dec_targ	38.169167	Observer's specified target Dec [deg]
ra_nom	245.37480875146	Nominal RA [deg]
dec_nom	38.147103493793	Nominal Dec [deg]
roll_nom	311.1954328512	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30310.946835399	Sum of GTIs [s]
livetime	29914.9120004	Livetime [s]
ontime0	30317.105695903	Sum of GTIs [s]
ontime1	30317.146735907	Sum of GTIs [s]
ontime2	30317.18777591	Sum of GTIs [s]
ontime3	30310.946835399	Sum of GTIs [s]
ontime6	30310.782645404	Sum of GTIs [s]
l2events	113483	Number of level 2 events

