

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 10344 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : May 25 2012

See axaff10344N003\_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	15.6383999

## 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:  
(19.88845, -8.48172), (19.88516, -8.47902), (19.87077, -8.49611), (19.87406, -8.49882)

seq_num	701887	Sequence number
obs_id	10344	Observation id
title	Evolution of Activity in Massive Gas-rich Mergers: The X-ray Perspective	Proposal title
observer	Prof. Sylvain Veilleux	Principal investigator
object	F01166-0844	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	19.782083	Observer's specified target RA [deg]
dec_targ	-8.486306	Observer's specified target Dec [deg]
ra_nom	19.786939745498	Nominal RA [deg]
dec_nom	-8.4870054948166	Nominal Dec [deg]
roll_nom	320.15732665012	Nominal Roll [deg]
revision	3	Processing version of data
ontime	15638.399941802	Sum of GTIs [s]
livetime	15440.377105425	Livetime [s]
ontime2	15631.917981207	Sum of GTIs [s]
ontime3	15638.399941802	Sum of GTIs [s]
ontime5	15638.399941802	Sum of GTIs [s]
ontime6	15635.158951521	Sum of GTIs [s]
ontime7	15638.399941802	Sum of GTIs [s]
ontime8	15638.399941802	Sum of GTIs [s]
l2events	192317	Number of level 2 events

