

# V&V Summary Report

## L2 ASCDS Version : 10.4.3

Observation 51371 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 31 2015

See [axaff51371N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.12.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2515210528374

## 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 ( $\sim 20$  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.

seq_num	&#160	Sequence number
obs_id	51371	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	&#160	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	232.25469628603	Nominal RA [deg]
dec_nom	-66.366773646127	Nominal Dec [deg]
roll_nom	123.63733931809	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8251.5210528374	Sum of GTIs [s]
livetime	8147.0353247969	Livetime [s]
ontime4	8251.3979327679	Sum of GTIs [s]
ontime5	8251.4800127745	Sum of GTIs [s]
ontime6	8251.4389728308	Sum of GTIs [s]
ontime7	8251.5210528374	Sum of GTIs [s]
ontime8	8251.3568928242	Sum of GTIs [s]
ontime9	8251.5620927811	Sum of GTIs [s]
l2events	186635	Number of level 2 events