

# V&V Summary Report

## L2 ASCDS Version : 10.4.2.1

Observation 51529 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Nov 3 2015

See [axaff51529N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.11.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1105963306427

## 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.

seq_num	&#160	Sequence number
obs_id	51529	Observation id
title	ACIS-012357 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	20.988043709683	Nominal RA [deg]
dec_nom	34.972714129191	Nominal Dec [deg]
roll_nom	217.49298834994	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8110.5963306427	Sum of GTIs [s]
livetime	8007.8950762893	Livetime [s]
ontime0	8110.5552905798	Sum of GTIs [s]
ontime1	8110.5142506361	Sum of GTIs [s]
ontime2	8110.4732105732	Sum of GTIs [s]
ontime3	8110.6373705864	Sum of GTIs [s]
ontime5	8110.4321706295	Sum of GTIs [s]
ontime7	8110.5963306427	Sum of GTIs [s]
l2events	173171	Number of level 2 events