

V&V Summary Report

L2 ASCDS Version : 10.4.3.1

Observation 18627 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 12 2016

See axaff18627N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.04.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.5914000738859

Comments

A spatial region of the original bias map for CCD = 3 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 = 3 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: (225.83778, 27.74615), (225.84447, 27.75432), (225.71658, 27.83588), (225.70989, 27.82771).

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One optional chip was dropped.

seq_num	801635	Sequence number
obs_id	18627	Observation id
title	Lensing Calibration of the Evolution of Cluster Scaling Relations for eROSITA	Proposal title
observer	Dr. Peter Predehl	Principal investigator
object	CODEX 35399	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	225.79125	Observer's specified target RA [deg]
dec_targ	27.916583	Observer's specified target Dec [deg]
ra_nom	225.78328141584	Nominal RA [deg]
dec_nom	27.918437059182	Nominal Dec [deg]
roll_nom	144.21246396927	Nominal Roll [deg]
revision	2	Processing version of data
ontime	9591.4000738859	Sum of GTIs [s]
livetime	9466.0813708346	Livetime [s]
ontime0	9591.4000738859	Sum of GTIs [s]
ontime1	9588.2589836121	Sum of GTIs [s]
ontime2	9588.2589936256	Sum of GTIs [s]
ontime3	9591.4000738859	Sum of GTIs [s]
l2events	22693	Number of level 2 events

