

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 19566 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 22 2017

See [axaff19566N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.11.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.075859132767

Comments

One optional chip was dropped.

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. The pixels affected by the anomaly are bounded by sky coords: (72.67324,-2.83890), (72.67192,-2.83635), (72.54774,-2.90014), (72.54905,-2.90268).

seq_num	801659	Sequence number
obs_id	19566	Observation id
title	A Violent merger in the cluster PLCKESZ G200.9-28.2: Relic formation caught in action?	Proposal title
observer	Daniel Wik	Principal investigator
object	PLCKESZ G200.9-28.2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	72.589954	Observer's specified target RA [deg]
dec_targ	-3.004375	Observer's specified target Dec [deg]
ra_nom	72.59620305217	Nominal RA [deg]
dec_nom	-2.9957805490546	Nominal Dec [deg]
roll_nom	27.209012510692	Nominal Roll [deg]
revision	2	Processing version of data
ontime	25075.859132767	Sum of GTIs [s]
livetime	24748.224572618	Livetime [s]
ontime0	25066.435931802	Sum of GTIs [s]
ontime1	25075.859132767	Sum of GTIs [s]
ontime2	25072.718082428	Sum of GTIs [s]
ontime3	25079.000193	Sum of GTIs [s]
l2events	68779	Number of level 2 events

