

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22004 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 17 2018

See axaff22004N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2018.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.065700077534

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: (46.48697,18.95965), (46.48276,18.95872), (46.51043,18.84738), (46.51464,18.84830).

seq_num	703759	Sequence number
obs_id	22004	Observation id
title	X-raying a rare hyperluminous ultramassive black-hole at cosmic dawn	
observer	Luca Zappacosta	Principal investigator
object	J03064+1853	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	46.677083	Observer's specified target RA [deg]
dec_targ	18.887722	Observer's specified target Dec [deg]
ra_nom	46.680692125154	Nominal RA [deg]
dec_nom	18.887237308298	Nominal Dec [deg]
roll_nom	283.15546234205	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10065.700077534	Sum of GTIs [s]
livetime	9934.1842957602	Livetime [s]
ontime2	10059.418076992	Sum of GTIs [s]
ontime3	10065.700077534	Sum of GTIs [s]
ontime6	10065.700077534	Sum of GTIs [s]
ontime7	10065.700077534	Sum of GTIs [s]
l2events	62461	Number of level 2 events

