

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 9026 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Feb 28 2021

See axaff09026N004_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2021.03.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.8469

Comments

A spatial region of the original bias map for CCD = 8 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 = 8 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:
(225.92811,-33.26840),(225.92747,-33.27547),(225.95222,-33.27703),(225.94992,-33.26977).

seq_num	400877	Sequence number
obs_id	9026	Observation id
title	The Nature of the Intermediate-Luminosity X-ray Sources in Globular Clusters	Proposal title
observer	Craig Heinke	Principal investigator
object	NGC 5824	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	225.99375	Observer's specified target RA [deg]
dec_targ	-33.06775	Observer's specified target Dec [deg]
ra_nom	225.99627931097	Nominal RA [deg]
dec_nom	-33.067780992107	Nominal Dec [deg]
roll_nom	85.704628472266	Nominal Roll [deg]
revision	4	Processing version of data
ontime	10846.900083423	Sum of GTIs [s]
livetime	10705.177348461	Livetime [s]
ontime3	10840.618172646	Sum of GTIs [s]
ontime6	10846.900083423	Sum of GTIs [s]
ontime7	10846.900083423	Sum of GTIs [s]
ontime8	10846.900083423	Sum of GTIs [s]
l2events	98907	Number of level 2 events

