

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 19723 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See axaff19723N003_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.050718054175

Comments

A spatial region of the original bias map for CCD = 0 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 = 0 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:

(266.81947,-33.64794), (266.80931,-33.64581), (266.76859,-33.78110),
(266.77877,-33.78324).

seq_num	502966	Sequence number
obs_id	19723	Observation id
title	X-raying a galactic gravitational lense	Proposal title
observer	Gordon Garmire	Principal investigator
object	OGLE3-ULENSPAR-05	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.647917	Observer's specified target RA [deg]
dec_targ	-33.772167	Observer's specified target Dec [deg]
ra_nom	266.65790636508	Nominal RA [deg]
dec_nom	-33.765391250348	Nominal Dec [deg]
roll_nom	75.863719443761	Nominal Roll [deg]
revision	3	Processing version of data
ontime	20050.718054056	Sum of GTIs [s]
liveltime	19788.740661556	Livetime [s]
ontime0	20053.859064221	Sum of GTIs [s]
ontime1	20057.000154376	Sum of GTIs [s]
ontime2	20053.859094143	Sum of GTIs [s]
ontime3	20050.718054056	Sum of GTIs [s]
ontime7	20057.000154376	Sum of GTIs [s]
l2events	128420	Number of level 2 events

