

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22073 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 13 2019

See axaff22073N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.944299617529

Comments

One optional chip was dropped.

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:

(352.61349,-57.67647), (352.61870,-57.67866), (352.63912,-57.66470),
(352.63595,-57.66112)

seq_num	801850	Sequence number
obs_id	22073	Observation id
title	Studying the Progenitors of Our Favorite Clusters at $z > 1$ (HRC-GTO)	
observer	Ralph Kraft	Principal investigator
object	SPT-CLJ2331-5736	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	352.9189	Observer's specified target RA [deg]
dec_targ	-57.6155	Observer's specified target Dec [deg]
ra_nom	352.91646112293	Nominal RA [deg]
dec_nom	-57.623066821527	Nominal Dec [deg]
roll_nom	232.20662443876	Nominal Roll [deg]
revision	2	Processing version of data
ontime	31944.299617529	Sum of GTIs [s]
livetime	31526.923825975	Livetime [s]
ontime0	31941.03552711	Sum of GTIs [s]
ontime1	31937.935557127	Sum of GTIs [s]
ontime2	31944.258577585	Sum of GTIs [s]
ontime3	31944.299617529	Sum of GTIs [s]
l2events	92735	Number of level 2 events

