

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22115 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 26 2019

See axaff22115N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2019.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.059500077486

Comments

A spatial region of the original bias map for CCD = 7 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 = 7 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:

(277.72582,9.41503), (277.72462,9.41168), (277.75739,9.40033), (277.75858,9.40368)

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The guide star in slot 7 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this guide star from the solution.

seq_num	703865	Sequence number
obs_id	22115	Observation id
title	C-BASS: A Chandra Legacy Survey of AGN at the Highest Spatial Resolutions	Proposal title
observer	Michael Koss	Principal investigator
object	CGMW5-04382	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	277.710968	Observer's specified target RA [deg]
dec_targ	9.478339	Observer's specified target Dec [deg]
ra_nom	277.70823337816	Nominal RA [deg]
dec_nom	9.4815150839622	Nominal Dec [deg]
roll_nom	70.623496301238	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10059.500077486	Sum of GTIs [s]
livetime	9928.0653032775	Livetime [s]
ontime5	10059.500077486	Sum of GTIs [s]
ontime6	10059.500077486	Sum of GTIs [s]
ontime7	10059.500077486	Sum of GTIs [s]
ontime8	10059.500077486	Sum of GTIs [s]
l2events	114560	Number of level 2 events

