

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22188 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 29 2019

See axaff22188N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.04.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	17.056200131297

Comments

Joint proposal with HST.

One optional chip was dropped.

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A spatial region of the original bias map for CCD = 2 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 = 2 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: (217.27426,12.06048), (217.27350,12.05743), (217.41202,12.02427), (217.41278,12.02732).

seq_num	801773	Sequence number
obs_id	22188	Observation id
title	The Chandra Strong Lens Sample: Revealing Baryonic Physics In Strong Lensing Selected Clusters	Proposal title
observer	Matthew Bayliss	Principal investigator
object	SDSSJ1429+1202	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.479167	Observer's specified target RA [deg]
dec_targ	12.043889	Observer's specified target Dec [deg]
ra_nom	217.42267750076	Nominal RA [deg]
dec_nom	12.054197522298	Nominal Dec [deg]
roll_nom	166.22043076721	Nominal Roll [deg]
revision	2	Processing version of data
ontime	17056.200131297	Sum of GTIs [s]
livetime	16833.34831999	Livetime [s]
ontime0	17049.917990804	Sum of GTIs [s]
ontime1	17053.05909121	Sum of GTIs [s]
ontime2	17056.200131297	Sum of GTIs [s]
ontime3	17056.200131297	Sum of GTIs [s]
ontime7	17056.200131297	Sum of GTIs [s]
l2events	125433	Number of level 2 events

