

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20570 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See axaff20570N003_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	32.581000250697

Comments

Joint proposal with HST.

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Two optional chips were dropped.

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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: (178.38462,9.68184), (178.38133,9.68225), (178.36720,9.57147), (178.37159,9.57971).

seq_num	801769	Sequence number
obs_id	20570	Observation id
title	The Chandra Strong Lens Sample: Revealing Baryonic Physics In Strong Lensing Selected Clusters	Proposal title
observer	Matthew Bayliss	Principal investigator
object	SDSSJ1152+0930	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	178.195833	Observer's specified target RA [deg]
dec_targ	9.503889	Observer's specified target Dec [deg]
ra_nom	178.20451929321	Nominal RA [deg]
dec_nom	9.5563227029267	Nominal Dec [deg]
roll_nom	82.860400762783	Nominal Roll [deg]
revision	3	Processing version of data
ontime	32581.000250697	Sum of GTIs [s]
livetime	32155.305496638	Livetime [s]
ontime0	32581.000250697	Sum of GTIs [s]
ontime1	32577.859200358	Sum of GTIs [s]
ontime2	32577.859170437	Sum of GTIs [s]
ontime3	32581.000250697	Sum of GTIs [s]
l2events	89738	Number of level 2 events

