

# V&V Summary Report

## L2 ASCDS Version : 10.9.2

Observation 20564 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See [axaff20564N003\\_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	16.550745204806

## Comments

Joint proposal with HST.

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One optional chip was dropped.

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A spatial region of the original bias map for CCD = 1 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 = 1 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: (148.20877,34.77521), (148.20791,34.77798), (148.15143,34.76623), (148.15294,34.76359).

seq_num	801763	Sequence number
obs_id	20564	Observation id
title	The Chandra Strong Lens Sample: Revealing Baryonic Physics In Strong Lensing Selected Clusters	Proposal title
observer	Matthew Bayliss	Principal investigator
object	SDSSJ0952+3434	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	148.166667	Observer's specified target RA [deg]
dec_targ	34.579722	Observer's specified target Dec [deg]
ra_nom	148.10301276757	Nominal RA [deg]
dec_nom	34.568336747565	Nominal Dec [deg]
roll_nom	194.23231185206	Nominal Roll [deg]
revision	3	Processing version of data
ontime	16550.745202661	Sum of GTIs [s]
livetime	16334.497532106	Livetime [s]
ontime0	16553.763123035	Sum of GTIs [s]
ontime1	16550.663132668	Sum of GTIs [s]
ontime2	16553.845203042	Sum of GTIs [s]
ontime3	16550.745202661	Sum of GTIs [s]
ontime7	16553.927283049	Sum of GTIs [s]
l2events	108856	Number of level 2 events

