

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20568 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 29 2020

See axaff20568N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.10.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.942400416374

Comments

Joint proposal with HST.

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A spatial region of the original bias map for CCD = 6 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. In this case, the bias map for CCD = 6 could not be improved because no suitable data at a compatible temperature and time range are available to use as replacement values. The bias map used in this processing is the original bias map telemetered with the observation.

seq_num	801767	Sequence number
obs_id	20568	Observation id
title	The Chandra Strong Lens Sample: Revealing Baryonic Physics In Strong Lensing Selected Clusters	Proposal title
observer	Matthew Bayliss	Principal investigator
object	SDSSJ1110+6459	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	167.575	Observer's specified target RA [deg]
dec_targ	64.996389	Observer's specified target Dec [deg]
ra_nom	167.46398635121	Nominal RA [deg]
dec_nom	65.020665740365	Nominal Dec [deg]
roll_nom	155.31061571434	Nominal Roll [deg]
revision	2	Processing version of data
ontime	27942.400416374	Sum of GTIs [s]
livetime	27588.576917409	Livetime [s]
ontime0	27942.400416374	Sum of GTIs [s]
ontime1	27942.400416374	Sum of GTIs [s]
ontime2	27942.400416374	Sum of GTIs [s]
ontime3	27942.400416374	Sum of GTIs [s]
ontime6	27942.400416374	Sum of GTIs [s]
ontime7	27942.400416374	Sum of GTIs [s]
l2events	216843	Number of level 2 events

