

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20571 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See axaff20571N003_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	22.455448419333

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 = 3 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 = 3 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: (178.97431,19.08597), (178.97746,19.08695), (178.95995,19.13720), (178.95679,19.13622).

seq_num	801770	Sequence number
obs_id	20571	Observation id
title	The Chandra Strong Lens Sample: Revealing Baryonic Physics In Strong Lensing Selected Clusters	Proposal title
observer	Matthew Bayliss	Principal investigator
object	SDSSJ1156+1911	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	179.025	Observer's specified target RA [deg]
dec_targ	19.186944	Observer's specified target Dec [deg]
ra_nom	179.00844020691	Nominal RA [deg]
dec_nom	19.238847001194	Nominal Dec [deg]
roll_nom	108.21587000626	Nominal Roll [deg]
revision	3	Processing version of data
ontime	22455.448414445	Sum of GTIs [s]
livetime	22162.05144945	Livetime [s]
ontime0	22452.184294224	Sum of GTIs [s]
ontime1	22455.366334438	Sum of GTIs [s]
ontime2	22455.407374382	Sum of GTIs [s]
ontime3	22455.448414445	Sum of GTIs [s]
ontime7	22455.489454389	Sum of GTIs [s]
l2events	154216	Number of level 2 events

