

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20581 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See axaff20581N002_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	19.756300152063

Comments

Joint proposal with HST.

===

One optional chip was dropped.

===

The guide star in slot 6 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this slot from the solution.

===

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. In this case, the bias map for CCD = 2 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	801780	Sequence number
obs_id	20581	Observation id
title	The Chandra Strong Lens Sample: Revealing Baryonic Physics In Strong Lensing Selected Clusters	Proposal title
observer	Matthew Bayliss	Principal investigator
object	SDSSJ1621+0607	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	245.383333	Observer's specified target RA [deg]
dec_targ	6.122222	Observer's specified target Dec [deg]
ra_nom	245.33526728526	Nominal RA [deg]
dec_nom	6.0978279637985	Nominal Dec [deg]
roll_nom	209.16922954577	Nominal Roll [deg]
revision	2	Processing version of data
ontime	19756.300152063	Sum of GTIs [s]
livetime	19498.1695462	Livetime [s]
ontime0	19753.048367143	Sum of GTIs [s]
ontime1	19756.230457306	Sum of GTIs [s]
ontime2	19756.27149725	Sum of GTIs [s]
ontime3	19756.300152063	Sum of GTIs [s]
ontime7	19756.300152063	Sum of GTIs [s]
l2events	140704	Number of level 2 events

