V&V Summary Report
L2 ASCDS Version : 10.7.1

Observation 20576 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 12 2019

See axaff20576N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.03.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	26.857264630079

Comments

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Joint proposal with HST.
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: (224.03343,56.95405),
(224.04204,56.95655), (223.98361,57.01590),(223.97440,57.01400).
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seq_num	801775	Sequence number
obs_id	20576	Observation id
title	The Chandra Strong Lens Sample: Revealing Baryonic Physics In Strong Lensing Selected Clusters	Proposal title
observer	Matthew Bayliss	Principal investigator
object	SDSSJ1456+5702	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	224.004167	Observer's specified target RA [deg]
dec_targ	57.038889	Observer's specified target Dec [deg]
ra_nom	223.95035435218	Nominal RA [deg]
dec_nom	57.086839063153	Nominal Dec [deg]
roll_nom	118.25384926506	Nominal Roll [deg]
revision	2	Processing version of data
ontime	26857.264630079	Sum of GTIs [s]
livetime	26517.18177383	Livetime [s]
ontime0	26857.141510129	Sum of GTIs [s]
ontime1	26857.182550073	Sum of GTIs [s]
ontime2	26857.223590136	Sum of GTIs [s]
ontime3	26857.264630079	Sum of GTIs [s]
ontime6	26857.346710086	Sum of GTIs [s]
ontime7	26857.305670142	Sum of GTIs [s]
l2events	210028	Number of level 2 events