

# V&V Summary Report

## L2 ASCDS Version : 10.9.2

Observation 19751 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See [axaff19751N003\\_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	22.078200169921

## Comments

Two optional chips were dropped.

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A spatial region of the original bias map for CCD = 0 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 ( $\sim 20$  eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 0 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:  
(192.79014, -37.12804), (192.79107, -37.12499), (192.68301, -37.10429),  
(192.68208, -37.10734).

seq_num	801688	Sequence number
obs_id	19751	Observation id
title	Observations of Radio Relic Galaxy Clusters	Proposal title
observer	Ralph Kraft	Principal investigator
object	1RXS J125029.7-370220	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	192.62375	Observer's specified target RA [deg]
dec_targ	-37.038889	Observer's specified target Dec [deg]
ra_nom	192.62701862563	Nominal RA [deg]
dec_nom	-37.041430434164	Nominal Dec [deg]
roll_nom	346.42608769962	Nominal Roll [deg]
revision	3	Processing version of data
ontime	22078.200169921	Sum of GTIs [s]
livetime	21789.732230966	Livetime [s]
ontime0	22078.200169921	Sum of GTIs [s]
ontime1	22078.200169921	Sum of GTIs [s]
ontime2	22078.200169921	Sum of GTIs [s]
ontime3	22078.200169921	Sum of GTIs [s]
l2events	63082	Number of level 2 events

