

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20519 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See axaff20519N003_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	9.0661726045609

Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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: (133.71501,0.49744), (133.71827,0.49396), (133.78951,0.56029), (133.78625,0.56378).

seq_num	801733	Sequence number
obs_id	20519	Observation id
title	Enabling precision cosmology with optically selected galaxy clusters	
observer	Roger Morris	Principal investigator
object	CIG J085436+003833	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	133.6475	Observer's specified target RA [deg]
dec_targ	0.653194	Observer's specified target Dec [deg]
ra_nom	133.67527884137	Nominal RA [deg]
dec_nom	0.67664219728754	Nominal Dec [deg]
roll_nom	42.939375301179	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9066.1726124287	Sum of GTIs [s]
livetime	8947.7163928281	Livetime [s]
ontime0	9062.9084122181	Sum of GTIs [s]
ontime1	9062.9494622946	Sum of GTIs [s]
ontime2	9066.131572485	Sum of GTIs [s]
ontime3	9066.1726124287	Sum of GTIs [s]
ontime6	9066.0084524155	Sum of GTIs [s]
l2events	31343	Number of level 2 events

