

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 5000 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 5 2020

See axaff05000N004_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.01

Comments

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:
(210.90621, -33.91099), (210.90244, -33.91079), (210.89513, -34.01012), (210.89891, -34.01032).

seq_num	800443	Sequence number
obs_id	5000	Observation id
title	Study of Candidate 'Fossil Groups	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	NGC 5419	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	210.807083	Observer's specified target RA [deg]
dec_targ	-34.057111	Observer's specified target Dec [deg]
ra_nom	210.9063296549	Nominal RA [deg]
dec_nom	-34.006541849449	Nominal Dec [deg]
roll_nom	266.50954737306	Nominal Roll [deg]
revision	5	Processing version of data
ontime	15009.648022056	Sum of GTIs [s]
livetime	14813.535920705	Livetime [s]
ontime0	15009.648022056	Sum of GTIs [s]
ontime1	15009.689062059	Sum of GTIs [s]
ontime2	15003.448061943	Sum of GTIs [s]
ontime3	15006.630151808	Sum of GTIs [s]
ontime6	15003.325001657	Sum of GTIs [s]
l2events	57352	Number of level 2 events

