

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20951 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 27 2020

See [axaff20951N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	64.69957577002

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: (250.11147,46.84939), (250.09537,46.84580), (250.11416,46.80668), (250.12454,46.82219).

seq_num	801785	Sequence number
obs_id	20951	Observation id
title	Witnessing the formation of a radio halo	Proposal title
observer	Rebecca Canning	Principal investigator
object	Abell 2219	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	250.089167	Observer's specified target RA [deg]
dec_targ	46.705833	Observer's specified target Dec [deg]
ra_nom	250.08802122377	Nominal RA [deg]
dec_nom	46.701781221974	Nominal Dec [deg]
roll_nom	288.19208735236	Nominal Roll [deg]
revision	3	Processing version of data
ontime	64699.575771689	Sum of GTIs [s]
livetime	63854.228183098	Livetime [s]
ontime0	64705.734572291	Sum of GTIs [s]
ontime1	64705.775632262	Sum of GTIs [s]
ontime2	64702.67571187	Sum of GTIs [s]
ontime3	64699.575771689	Sum of GTIs [s]
ontime7	64709.039722443	Sum of GTIs [s]
l2events	523033	Number of level 2 events

