

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20429 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See [axaff20429N003_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	11.565364055037

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: (138.31499,22.37056), (138.30969,22.37046), (138.31217,22.26702), (138.31747,22.26711).

seq_num	703534	Sequence number
obs_id	20429	Observation id
title	X-Ray properties of Post-Merger Spheroidal Galaxies: The Missing Link in Understanding the Merger-AGN connection	Proposal title
observer	Preethi Nair	Principal investigator
object	SDSS J091417.69+221631.5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	138.57375	Observer's specified target RA [deg]
dec_targ	22.2755	Observer's specified target Dec [deg]
ra_nom	138.57246033309	Nominal RA [deg]
dec_nom	22.276169155846	Nominal Dec [deg]
roll_nom	271.14774410175	Nominal Roll [deg]
revision	3	Processing version of data
ontime	11565.364058018	Sum of GTIs [s]
livetime	11414.254062303	Livetime [s]
ontime3	11565.281978011	Sum of GTIs [s]
ontime6	11565.323018074	Sum of GTIs [s]
ontime7	11565.364058018	Sum of GTIs [s]
ontime8	11562.09993732	Sum of GTIs [s]
l2events	72246	Number of level 2 events

