

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 5624 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 9 2020

See axaff05624N005_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.03839

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: (320.49202,17.02607), (320.48887,17.02237), (320.60215,16.93453), (320.60530,16.93823).

seq_num	701047	Sequence number
obs_id	5624	Observation id
title	Extended inverse Compton emission from distant powerful radio galaxies	Proposal title
observer	Andrew Fabian	Principal investigator
object	3C 432	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	320.6925	Observer's specified target RA [deg]
dec_targ	17.077222	Observer's specified target Dec [deg]
ra_nom	320.70443586585	Nominal RA [deg]
dec_nom	17.061676052435	Nominal Dec [deg]
roll_nom	320.91117379123	Nominal Roll [deg]
revision	5	Processing version of data
ontime	20038.399961442	Sum of GTIs [s]
liveltime	19776.58351389	Livetime [s]
ontime3	20035.137186378	Sum of GTIs [s]
ontime5	20038.360256553	Sum of GTIs [s]
ontime6	20035.178246319	Sum of GTIs [s]
ontime7	20038.399961442	Sum of GTIs [s]
ontime8	20028.814225882	Sum of GTIs [s]
l2events	217500	Number of level 2 events

