

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 5936 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 22 2020

See axaff05936N005_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.55199

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:
(148.54200,69.19599), (148.52934,69.19610), (148.52088,69.05666), (148.53346,69.05655).

seq_num	600455	Sequence number
obs_id	5936	Observation id
title	An Unprecedented View of a Galaxy's Dynamic X-ray Source Population	
observer	David Pooley	Principal investigator
object	M81	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	148.888333	Observer's specified target RA [deg]
dec_targ	69.065306	Observer's specified target Dec [deg]
ra_nom	148.87359095148	Nominal RA [deg]
dec_nom	69.057851430507	Nominal Dec [deg]
roll_nom	268.43021387895	Nominal Roll [deg]
revision	5	Processing version of data
ontime	11551.999956965	Sum of GTIs [s]
livetime	11405.721577731	Livetime [s]
ontime2	11551.999956965	Sum of GTIs [s]
ontime3	11551.999956965	Sum of GTIs [s]
ontime5	11551.999956965	Sum of GTIs [s]
ontime6	11551.999956965	Sum of GTIs [s]
ontime7	11551.999956965	Sum of GTIs [s]
ontime8	11548.758986682	Sum of GTIs [s]
l2events	304607	Number of level 2 events

