

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 7212 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 11 2020

See axaff07212N004_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	66.11357

Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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:
(187.73853,12.56072), (187.73520,12.56296), (187.70301,12.51773), (187.70522,12.51391).

seq_num	800538	Sequence number
obs_id	7212	Observation id
title	The History of AGN Activity in M87 and the Interaction of Nuclear Outbursts with the Surrounding Atmosphere	Proposal title
observer	William Forman	Principal investigator
object	M87	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.70625	Observer's specified target RA [deg]
dec_targ	12.391111	Observer's specified target Dec [deg]
ra_nom	187.71705409178	Nominal RA [deg]
dec_nom	12.396821973437	Nominal Dec [deg]
roll_nom	55.203911645216	Nominal Roll [deg]
revision	4	Processing version of data
ontime	66113.576922208	Sum of GTIs [s]
livetime	65249.754367612	Livetime [s]
ontime0	66097.87205112	Sum of GTIs [s]
ontime1	66116.717912436	Sum of GTIs [s]
ontime2	66110.436011851	Sum of GTIs [s]
ontime3	66113.576922208	Sum of GTIs [s]
l2events	2375347	Number of level 2 events

