

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 19322 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See axaff19322N003_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.945600148201

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: (211.60418,54.93032), (211.61121,54.93398), (211.57222,54.95858), (211.56598,54.95441)

seq_num	601279	Sequence number
obs_id	19322	Observation id
title	A homogeneous view of X-ray halos in massive early-type galaxies	P
observer	Andy Goulding	Principal investigator
object	NGC5473	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	211.18	Observer's specified target RA [deg]
dec_targ	54.8925	Observer's specified target Dec [deg]
ra_nom	211.18320152033	Nominal RA [deg]
dec_nom	54.892481259117	Nominal Dec [deg]
roll_nom	132.63727849262	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9945.600148201	Sum of GTIs [s]
livetime	9819.662970603	Livetime [s]
ontime2	9942.359087944	Sum of GTIs [s]
ontime3	9945.600148201	Sum of GTIs [s]
ontime5	9945.600148201	Sum of GTIs [s]
ontime6	9945.600148201	Sum of GTIs [s]
ontime7	9945.600148201	Sum of GTIs [s]
ontime8	9945.600148201	Sum of GTIs [s]
l2events	119667	Number of level 2 events

