

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 19371 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See axaff19371N003_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	10.064826776385

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: (210.97670,49.14177), (210.98118,49.14421), (210.84408,49.25111), (210.83959,49.24866).

seq_num	601328	Sequence number
obs_id	19371	Observation id
title	A Statistically Complete High Resolution Chandra and Radio (eMERLIN) Survey of the Palomar Nearby Galaxies Sample	Proposal title
observer	Ian McHardy	Principal investigator
object	NGC 5448	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	210.70875	Observer's specified target RA [deg]
dec_targ	49.172639	Observer's specified target Dec [deg]
ra_nom	210.7112965023	Nominal RA [deg]
dec_nom	49.172576387156	Nominal Dec [deg]
roll_nom	130.11131539855	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10064.826776981	Sum of GTIs [s]
livetime	9933.3224055224	Livetime [s]
ontime2	10064.703657031	Sum of GTIs [s]
ontime3	10064.744696975	Sum of GTIs [s]
ontime6	10064.785737038	Sum of GTIs [s]
ontime7	10064.826776981	Sum of GTIs [s]
l2events	60573	Number of level 2 events

