

V&V Summary Report

L2 ASCDS Version : 10.5.4

Observation 19773 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 23 2017

See [axaff19773N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.069400154471

Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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:

(221.70744, -40.34284), (221.70043, -40.34770), (221.71302, -40.35832),
(221.72340, -40.35629).

seq_num	801710	Sequence number
obs_id	19773	Observation id
title	Probing the Planck Cluster Sample	Proposal title
observer	Ralph Kraft	Principal investigator
object	G325.70	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	221.875	Observer's specified target RA [deg]
dec_targ	-40.3375	Observer's specified target Dec [deg]
ra_nom	221.93313278531	Nominal RA [deg]
dec_nom	-40.374795380769	Nominal Dec [deg]
roll_nom	312.2463167471	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20069.400154471	Sum of GTIs [s]
livetime	19807.178666576	Livetime [s]
ontime0	20069.400154471	Sum of GTIs [s]
ontime1	20066.259104371	Sum of GTIs [s]
ontime2	20066.259094238	Sum of GTIs [s]
ontime3	20069.400154471	Sum of GTIs [s]
ontime6	20063.118013978	Sum of GTIs [s]
l2events	82788	Number of level 2 events

