

V&V Summary Report

L2 ASCDS Version : 10.5.2

Observation 19591 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 5 2016

See [axaff19591N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.061540927052

Comments

One optional chip was dropped.

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 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: (41.94804,2.59582), (41.94338,2.59204), (42.00073,2.52109), (42.00540,2.52487).

seq_num	801680	Sequence number
obs_id	19591	Observation id
title	A multiwavelength view of the intracluster medium at intermediate redshift in a mass-limited sample of ACTPol clusters	Proposal title
observer	Matt Hilton	Principal investigator
object	ACT-CL J0248.2+0238	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	42.05	Observer's specified target RA [deg]
dec_targ	2.634306	Observer's specified target Dec [deg]
ra_nom	42.08887349904	Nominal RA [deg]
dec_nom	2.5918307309053	Nominal Dec [deg]
roll_nom	308.90692466398	Nominal Roll [deg]
revision	2	Processing version of data
ontime	27061.540927052	Sum of GTIs [s]
livetime	26707.961972424	Livetime [s]
ontime0	27067.699927688	Sum of GTIs [s]
ontime1	27064.599937439	Sum of GTIs [s]
ontime2	27064.640987515	Sum of GTIs [s]
ontime3	27061.540927052	Sum of GTIs [s]
ontime6	27067.658887625	Sum of GTIs [s]
l2events	89539	Number of level 2 events

