

V&V Summary Report

L2 ASCDS Version : 10.8.1

Observation 21709 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 3 2019

See [axaff21709N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.062249753714

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: (166.50556,47.49552), (166.50374,47.49856), (166.41356,47.47397), (166.41370,47.47048).

seq_num	801855	Sequence number
obs_id	21709	Observation id
title	Snapshot Survey of LOFAR-selected Galaxy Clusters	Proposal title
observer	Ralph Kraft	Principal investigator
object	Abell 1156	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.231667	Observer's specified target RA [deg]
dec_targ	47.420833	Observer's specified target Dec [deg]
ra_nom	166.30398873099	Nominal RA [deg]
dec_nom	47.448412686311	Nominal Dec [deg]
roll_nom	22.080802332444	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15062.249753714	Sum of GTIs [s]
livetime	14865.450372014	Livetime [s]
ontime0	15065.267594218	Sum of GTIs [s]
ontime1	15065.308634162	Sum of GTIs [s]
ontime2	15065.349674225	Sum of GTIs [s]
ontime3	15062.249753714	Sum of GTIs [s]
ontime6	15065.226554155	Sum of GTIs [s]
l2events	57998	Number of level 2 events

