

V&V Summary Report

L2 ASCDS Version : 10.5.1.1

Observation 18633 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Sep 12 2016

See [axaff18633N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.09.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.064157406807

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: (10.58503,-11.19449), (10.58777,-11.19496), (10.60324,-11.10641), (10.60083,-11.10406).

seq_num	801641	Sequence number
obs_id	18633	Observation id
title	Lensing Calibration of the Evolution of Cluster Scaling Relations for eROSITA	Proposal title
observer	Peter Predehl	Principal investigator
object	CODEX 64232	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	10.63375	Observer's specified target RA [deg]
dec_targ	-11.068556	Observer's specified target Dec [deg]
ra_nom	10.631486616944	Nominal RA [deg]
dec_nom	-11.059556363567	Nominal Dec [deg]
roll_nom	80.278665154318	Nominal Roll [deg]
revision	2	Processing version of data
ontime	12064.157406807	Sum of GTIs [s]
livetime	11906.530308784	Livetime [s]
ontime0	12064.034286737	Sum of GTIs [s]
ontime1	12064.0753268	Sum of GTIs [s]
ontime2	12064.116366744	Sum of GTIs [s]
ontime3	12064.157406807	Sum of GTIs [s]
ontime7	12064.198446751	Sum of GTIs [s]
l2events	71733	Number of level 2 events

