

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 5845 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 11 2020

See axaff05845N005_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.03873

Comments

Roll constraint met.

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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:
(215.31838,52.97442), (215.32297,52.97813), (215.13709,53.06148), (215.13250,53.05775).

seq_num	900350	Sequence number
obs_id	5845	Observation id
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	Extended Groth Strip (EGS)	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	215.116653	Observer's specified target RA [deg]
dec_targ	53.033695	Observer's specified target Dec [deg]
ra_nom	215.11748823505	Nominal RA [deg]
dec_nom	53.038905350292	Nominal Dec [deg]
roll_nom	143.38786158278	Nominal Roll [deg]
revision	5	Processing version of data
ontime	49038.735964715	Sum of GTIs [s]
livetime	48398.008777544	Livetime [s]
ontime0	49041.828339458	Sum of GTIs [s]
ontime1	49048.151339978	Sum of GTIs [s]
ontime2	49041.876945019	Sum of GTIs [s]
ontime3	49038.735964715	Sum of GTIs [s]
ontime6	49051.210260123	Sum of GTIs [s]
l2events	129461	Number of level 2 events

