

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 19649 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 13 2017

See axaff19649N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.11.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.055960233212

Comments

The guide star in slot 5 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this slot from the solution.

A spatial region of the original bias map for CCD = 0 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 = 0 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: (218.97933,34.08117), (218.97817,34.08612), (218.89486,34.07248), (218.89602,34.06753).

seq_num	901356	Sequence number
obs_id	19649	Observation id
title	The Chandra Deep Wide-Field Survey: Completing the new generation of Chandra extragalactic surveys	Proposal title
observer	Ryan Hickox	Principal investigator
object	CDWFS	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.87925	Observer's specified target RA [deg]
dec_targ	34.084322	Observer's specified target Dec [deg]
ra_nom	218.88725027996	Nominal RA [deg]
dec_nom	34.089561931032	Nominal Dec [deg]
roll_nom	11.204217746822	Nominal Roll [deg]
revision	2	Processing version of data
ontime	25055.960233212	Sum of GTIs [s]
livetime	24728.585666835	Livetime [s]
ontime0	25052.696102977	Sum of GTIs [s]
ontime1	25055.878153205	Sum of GTIs [s]
ontime2	25055.919193149	Sum of GTIs [s]
ontime3	25055.960233212	Sum of GTIs [s]
ontime7	25056.001273155	Sum of GTIs [s]
l2events	160964	Number of level 2 events

