

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 5803 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 19 2020

See [axaff05803N005_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.04895

Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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:
(210.29826, -10.70663), (210.29506, -10.71666), (210.40456, -10.75033), (210.40776, -10.74030).

seq_num	800516	Sequence number
obs_id	5803	Observation id
title	Chandra Observations of the DLS Shear-Selected Cluster Survey	Prop
observer	John P. Hughes	Principal investigator
object	6dFGS gJ140236.2-105027	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	210.56125	Observer's specified target RA [deg]
dec_targ	-10.845833	Observer's specified target Dec [deg]
ra_nom	210.56638311054	Nominal RA [deg]
dec_nom	-10.845284779459	Nominal Dec [deg]
roll_nom	72.615344511976	Nominal Roll [deg]
revision	5	Processing version of data
ontime	21048.958959341	Sum of GTIs [s]
livetime	20773.938814519	Livetime [s]
ontime0	21042.583812386	Sum of GTIs [s]
ontime1	21052.047833055	Sum of GTIs [s]
ontime2	21048.947872907	Sum of GTIs [s]
ontime3	21048.958959341	Sum of GTIs [s]
ontime6	21051.965753049	Sum of GTIs [s]
l2events	55524	Number of level 2 events

