

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 20582 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 27 2019

See [axaff20582N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.03.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.070400448084

Comments

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:
(248.11158,35.18268), (248.10728,35.18219), (248.12544,35.07814),
(248.12973,35.07863).

seq_num	801781	Sequence number
obs_id	20582	Observation id
title	The Chandra Strong Lens Sample: Revealing Baryonic Physics In Strong Lensing Selected Clusters	Proposal title
observer	Matthew Bayliss	Principal investigator
object	SDSSJ1632+3500	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	248.041667	Observer's specified target RA [deg]
dec_targ	35.008333	Observer's specified target Dec [deg]
ra_nom	248.02855469939	Nominal RA [deg]
dec_nom	35.062953428493	Nominal Dec [deg]
roll_nom	98.172749225491	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30070.400448084	Sum of GTIs [s]
livetime	29689.630931389	Livetime [s]
ontime0	30067.159407616	Sum of GTIs [s]
ontime1	30070.400448084	Sum of GTIs [s]
ontime2	30067.159377813	Sum of GTIs [s]
ontime3	30070.400448084	Sum of GTIs [s]
ontime6	30067.159397602	Sum of GTIs [s]
ontime7	30070.400448084	Sum of GTIs [s]
l2events	229031	Number of level 2 events

