

# V&V Summary Report

## L2 ASCDS Version : 10.4.3.1

Observation 18115 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 10 2016

See axaff18115N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.02.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.6066000355482

## 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 ( $\sim 20$  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:  
(185.73272, 12.74690), (185.73241, 12.74488), (185.82498, 12.73134),  
(185.82696, 12.73312).

seq_num	703181	Sequence number
obs_id	18115	Observation id
title	Bridging the Gap Between Weak-Line and Typical Quasars	Proposal ti
observer	Prof. William Brandt	Principal investigator
object	SDSS J1223+1241	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	185.797083	Observer's specified target RA [deg]
dec_targ	12.698306	Observer's specified target Dec [deg]
ra_nom	185.79466307185	Nominal RA [deg]
dec_nom	12.698861438332	Nominal Dec [deg]
roll_nom	81.416793088919	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4606.6000355482	Sum of GTIs [s]
livetime	4546.4114147542	Livetime [s]
ontime6	4606.6000355482	Sum of GTIs [s]
ontime7	4606.6000355482	Sum of GTIs [s]
ontime8	4594.0358542204	Sum of GTIs [s]
l2events	21136	Number of level 2 events

