

# V&V Summary Report

## L2 ASCDS Version : 10.4.3

Observation 18036 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jan 6 2016

See axaff18036N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.01.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.0500086791515

## Comments

A spatial region of the original bias map for CCD = 3 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 = 3 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:  
(134.59675, 51.34014), (134.60071, 51.34206), (134.56557, 51.37025),  
(134.56388, 51.36650).

seq_num	601222	Sequence number
obs_id	18036	Observation id
title	The Most Luminous Field Early-type Galaxies	Proposal title
observer	Professor Jimmy Irwin	Principal investigator
object	NGC 2693	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	134.247083	Observer's specified target RA [deg]
dec_targ	51.3475	Observer's specified target Dec [deg]
ra_nom	134.24382488425	Nominal RA [deg]
dec_nom	51.346086574094	Nominal Dec [deg]
roll_nom	128.15920208915	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6050.0086791515	Sum of GTIs [s]
livetime	5970.9608618068	Livetime [s]
ontime3	6049.8855592012	Sum of GTIs [s]
ontime5	6049.9676392078	Sum of GTIs [s]
ontime6	6049.9265991449	Sum of GTIs [s]
ontime7	6050.0086791515	Sum of GTIs [s]
ontime8	6049.8445191383	Sum of GTIs [s]
l2events	55947	Number of level 2 events

