

# V&V Summary Report

## L2 ASCDS Version : 10.4.3.1

Observation 17868 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 5 2016

See axaff17868N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.961600297451

## Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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:  
(133.70434, -7.30382), (133.70416, -7.30641), (133.80797, -7.31345),  
(133.80814, -7.31087).

seq_num	401800	Sequence number
obs_id	17868	Observation id
title	X-ray Observations of New Gamma-Ray Bright Galactic Compact Binaries	&#160
observer	Prof. Jay Strader	Principal investigator
object	3FGL J0855.2-0718	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	133.843792	Observer's specified target RA [deg]
dec_targ	-7.257667	Observer's specified target Dec [deg]
ra_nom	133.85011743672	Nominal RA [deg]
dec_nom	-7.2556426877093	Nominal Dec [deg]
roll_nom	356.09120208685	Nominal Roll [deg]
revision	2	Processing version of data
ontime	19961.600297451	Sum of GTIs [s]
livetime	19708.834495052	Livetime [s]
ontime0	19958.359237075	Sum of GTIs [s]
ontime1	19961.600297451	Sum of GTIs [s]
ontime2	19961.600297451	Sum of GTIs [s]
ontime3	19961.600297451	Sum of GTIs [s]
ontime6	19961.600297451	Sum of GTIs [s]
ontime7	19961.600297451	Sum of GTIs [s]
l2events	127244	Number of level 2 events

