

V&V Summary Report

L2 ASCDS Version : 10.5

Observation 18285 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 23 2016

See axaff18285N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.06.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.072382197022

Comments

The guide star in slot 3 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this star from the solution.

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: (277.97708,62.17797), (277.97798,62.18080), (277.68208,62.20067), (277.68121,62.19783).

seq_num	801603	Sequence number
obs_id	18285	Observation id
title	Building a Cheap and Cheerful SZ-selected sample of galaxy clusters with the Planck Catalogue.	Proposal title
observer	Mariachiara Rossetti	Principal investigator
object	PSZ2 G091.83+26.11	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	277.7865	Observer's specified target RA [deg]
dec_targ	62.23047	Observer's specified target Dec [deg]
ra_nom	277.70774714375	Nominal RA [deg]
dec_nom	62.280415765048	Nominal Dec [deg]
roll_nom	171.91844564791	Nominal Roll [deg]
revision	2	Processing version of data
ontime	23072.382197022	Sum of GTIs [s]
livetime	22770.924537978	Livetime [s]
ontime0	23072.259077072	Sum of GTIs [s]
ontime1	23069.159126878	Sum of GTIs [s]
ontime2	23072.341157079	Sum of GTIs [s]
ontime3	23072.382197022	Sum of GTIs [s]
l2events	56100	Number of level 2 events

