

V&V Summary Report

L2 ASCDS Version : 10.5

Observation 18283 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 5 2016

See axaff18283N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.576700096846

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 (~ 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:
(335.28396,-12.22926), (335.28933,-12.22734), (335.26326,-12.15724),
(335.25685,-12.15635).

seq_num	801601	Sequence number
obs_id	18283	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 G048.24-51.59	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	335.0728	Observer's specified target RA [deg]
dec_targ	-12.1916	Observer's specified target Dec [deg]
ra_nom	335.09532938479	Nominal RA [deg]
dec_nom	-12.146936794065	Nominal Dec [deg]
roll_nom	109.92723338402	Nominal Roll [deg]
revision	2	Processing version of data
ontime	12576.700096846	Sum of GTIs [s]
livetime	12412.376251248	Livetime [s]
ontime0	12576.700096846	Sum of GTIs [s]
ontime1	12576.700096846	Sum of GTIs [s]
ontime2	12576.700096846	Sum of GTIs [s]
ontime3	12576.700096846	Sum of GTIs [s]
l2events	31278	Number of level 2 events

