

V&V Summary Report

L2 ASCDS Version : 10.5.1.1

Observation 18776 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 19 2016

See axaff18776N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.10.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.055600812435

Comments

Joint proposal with XMM.

A spatial region of the original bias map for CCD = 2 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 = 2 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: (240.55191,50.82219), (240.55541,50.82478), (240.48896,50.86088), (240.48676,50.85758).

seq_num	801651	Sequence number
obs_id	18776	Observation id
title	Probing the extreme mass peaks at $z>0.7$	Proposal title
observer	Monique ARNAUD	Principal investigator
object	PLCK G079.95+46.96	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	240.54229	Observer's specified target RA [deg]
dec_targ	51.059221	Observer's specified target Dec [deg]
ra_nom	240.55230314027	Nominal RA [deg]
dec_nom	51.039582676309	Nominal Dec [deg]
roll_nom	319.27420988986	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10055.600812435	Sum of GTIs [s]
livetime	9924.2169849951	Livetime [s]
ontime2	10055.436652422	Sum of GTIs [s]
ontime3	10055.477692485	Sum of GTIs [s]
ontime5	10055.559772491	Sum of GTIs [s]
ontime6	10055.518732429	Sum of GTIs [s]
ontime7	10055.600812435	Sum of GTIs [s]
l2events	102052	Number of level 2 events

