

V&V Summary Report

L2 ASCDS Version : 10.5.1.1

Observation 18147 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Sep 26 2016

See axaff18147N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.94752586329

Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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:
(243.71580,65.68031), (243.71311,65.68280), (243.40405,65.62569),
(243.40677,65.62321).

seq_num	703213	Sequence number
obs_id	18147	Observation id
title	Picturing Feedback in Action: from the innermost nuclear region to the Galaxy Scale	Proposal title
observer	Dr. Fabrizio Nicastro	Principal investigator
object	Mkn 876	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	243.488333	Observer's specified target RA [deg]
dec_targ	65.719444	Observer's specified target Dec [deg]
ra_nom	243.49726355557	Nominal RA [deg]
dec_nom	65.718869015986	Nominal Dec [deg]
roll_nom	294.14847618377	Nominal Roll [deg]
revision	2	Processing version of data
ontime	11947.52586329	Sum of GTIs [s]
livetime	11796.239096872	Livetime [s]
ontime4	11947.566903234	Sum of GTIs [s]
ontime5	11947.484823227	Sum of GTIs [s]
ontime6	11947.443783283	Sum of GTIs [s]
ontime7	11947.52586329	Sum of GTIs [s]
ontime8	11947.40274322	Sum of GTIs [s]
ontime9	11947.361703277	Sum of GTIs [s]
l2events	137817	Number of level 2 events

