

# V&V Summary Report

## L2 ASCDS Version : 10.7.1

Observation 21061 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Mar 27 2019

See axaff21061N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.03.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.955200148344

## Comments

Joint proposal with XMM.

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A spatial region of the original bias map for CCD = 0 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 = 0 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: (196.38245,31.05321), (196.37980,31.05048), (196.47420,30.98340), (196.47685,30.98612).

seq_num	801806	Sequence number
obs_id	21061	Observation id
title	Witnessing the culmination of structure formation in the Universe	&#160
observer	Stefano Etori	Principal investigator
object	PSZ2 G083.86+85.09	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	196.4625	Observer's specified target RA [deg]
dec_targ	30.904722	Observer's specified target Dec [deg]
ra_nom	196.45060761241	Nominal RA [deg]
dec_nom	30.952768319297	Nominal Dec [deg]
roll_nom	140.31579252609	Nominal Roll [deg]
revision	2	Processing version of data
ontime	9955.200148344	Sum of GTIs [s]
livetime	9829.1414097638	Livetime [s]
ontime0	9955.200148344	Sum of GTIs [s]
ontime1	9955.200148344	Sum of GTIs [s]
ontime2	9955.200148344	Sum of GTIs [s]
ontime3	9955.200148344	Sum of GTIs [s]
ontime6	9955.200148344	Sum of GTIs [s]
ontime7	9955.200148344	Sum of GTIs [s]
l2events	80949	Number of level 2 events

