V&V Summary Report
L2 ASCDS Version : 10.9.2

Observation 20529 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 28 2020

See axaff20529N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.10.30
V&V Edition	1
V&V Disposition and Status	Repr+DD
V&V Charge Time	30.048300231218

Comments

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The guide star in slot 4 was removed from the aspect solution due to
poor data quality. The aspect solution is improved by the removal of
this guide star from the solution.
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The bias map for CCD_ID = 1 suffers from anomalously high bias values in
an 'exacto-knife'-shaped area of the bias file. Pixels in the event data
that have been bias-corrected by one of the 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_ID = 1 will
be recreated to remove this anomaly and the data will be reprocessed.
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SAP: please reprocess with the replacement bias for CCD_ID = 1.
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seq_num	801743	Sequence number
obs_id	20529	Observation id
title	Group-size accretion beyond the virial radius onto A2029: infall along a cosmic filament caught in the act	Proposal title
observer	Sabrina De Grandi	Principal investigator
object	MSPM 06070	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	227.754167	Observer's specified target RA [deg]
dec_targ	4.842	Observer's specified target Dec [deg]
ra_nom	227.75768221298	Nominal RA [deg]
dec_nom	4.8420953757228	Nominal Dec [deg]
roll_nom	55.21017539389	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30048.300231218	Sum of GTIs [s]
livetime	29655.697067461	Livetime [s]
ontime0	30042.018260241	Sum of GTIs [s]
ontime1	30048.300231218	Sum of GTIs [s]
ontime2	30038.877309799	Sum of GTIs [s]
ontime3	30048.300231218	Sum of GTIs [s]
ontime7	30048.300231218	Sum of GTIs [s]
l2events	213439	Number of level 2 events