V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 2060 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 12 2012

See axaff02060N002_VV001_vvref2.pdf for the full report

V&V Scientist	Glenn Allen
V&V Date (YYYY-MM-DD)	2013.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	81.936

Comments

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Two nodes look really low, not where the target is.

The event rates of two nodes: (CCD_ID, NODE_ID) = (2, 3) and (6, 1) are
relatively low. This issue is not a problem. These nodes are fine.
The reason there are fewer events when the entire data file is displayed
is that there are fewer events at the highest energies on these two
nodes. For example, if the data are filtered to include only the events
that have PI < 900 (i.e. ENERGY <~ 13.1 keV), then displaying the
filtered data reveals that the two nodes no longer appear to have a
relatively small number of events. The reason that there are a
relatively small number of events for these two nodes at high energies
is that fewer of the events that saturate the analog-to-digital
converters are telemetered because the two nodes have relatively small
overclock values. Since the events at energies >~ 13.1 keV are produced
by cosmic rays, the relative lack of these events for the two nodes is
not important for scientific analyses of the data.

Glenn
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seq_num	600194	Sequence number
obs_id	2060	Observation id
title	THE X-RAY POINT SOURCE POPULATION IN SPIRAL GALAXIES	Proposal titl
observer	Dr Andrea Prestwich	Principal investigator
object	NGC 2681	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	133.386667	Observer's specified target RA [deg]
dec_targ	51.313889	Observer's specified target Dec [deg]
ra_nom	133.37125147766	Nominal RA [deg]
dec_nom	51.315846211032	Nominal Dec [deg]
roll_nom	178.88500110094	Nominal Roll [deg]
revision	3	Processing version of data
ontime	81932.800076291	Sum of GTIs [s]
livetime	80895.317627716	Livetime [s]
ontime2	81929.559106052	Sum of GTIs [s]
ontime3	81926.318155721	Sum of GTIs [s]
ontime5	81932.800076291	Sum of GTIs [s]
ontime6	81926.318155721	Sum of GTIs [s]
ontime7	81932.800076291	Sum of GTIs [s]
ontime8	81929.559106037	Sum of GTIs [s]
l2events	1200274	Number of level 2 events