V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 2411 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 6 2012

See axaff02411N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.939

Comments

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This is a solar system object. X-ray events will be in the reference
frame
of the Earth. The user will need to run sso_freeze or similar software
to
redistribute the events spatially the reference frame of Venus.
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A spatial exclusion window was specified for this observation on chip
S2.
===
The observations of Venus caused the aspect camera
to not track some guide stars and fid lights. This is
thought to be because of excessive light from Venus
on the aspect camera focal plane, even though the star
catalogs had been constructed to minimize such problems.
One of 3 fiducial lights and 3 of 5 guide stars were excluded from the
pointing solution due to poor data quality and insufficient tracking
accuracy. The 2 remaining fid lights should be adequate for bore sight
alignment, but the aspect solution is probably affected to some degree
by the use of only 2 guide stars. The investigator is advised to work
with Level 1 data and evaluate whether events with bad grades should be
eliminated. It appears that some source events were removed in the Level
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2 version of the event data.

seq_num	100026	Sequence number
obs_id	2411	Observation id
title	VENUS AND MARS: THE CLOSEST PLANETARY ANALOGUES TO COMETS	Proposal
observer	Dr. Konrad Dennerl	Principal investigator
object	VENUS	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	339.61476	Observer's specified target RA [deg]
dec_targ	-9.46425	Observer's specified target Dec [deg]
ra_nom	339.6462146585	Nominal RA [deg]
dec_nom	-9.4300735617655	Nominal Dec [deg]
roll_nom	291.37073579696	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5939.1590253413	Sum of GTIs [s]
livetime	5863.9538176302	Livetime [s]
ontime4	5942.4000055194	Sum of GTIs [s]
ontime5	5939.1590452641	Sum of GTIs [s]
ontime6	5939.1590452641	Sum of GTIs [s]
ontime7	5939.1590253413	Sum of GTIs [s]
ontime8	5942.4000055194	Sum of GTIs [s]
ontime9	5942.4000055194	Sum of GTIs [s]
l2events	56689	Number of level 2 events