

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 6395 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Mar 28 2012

See axaff06395N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.34500004

## Comments

Venus is a moving target. In order to analyze the data, the user will need to run `sso_freeze` in CIAO or similar software to reposition the events in the reference frame of Venus.

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The guide star in slot 7 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.

seq_num	100062	Sequence number
obs_id	6395	Observation id
title	Search for charge exchange induced X-ray emission in the Venusian exosphere	Proposal title
observer	Dr. Peter Predehl	Principal investigator
object	Venus	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	321.723916	Observer's specified target RA [deg]
dec_targ	-13.406625	Observer's specified target Dec [deg]
ra_nom	321.73593572036	Nominal RA [deg]
dec_nom	-13.439193065737	Nominal Dec [deg]
roll_nom	106.98117546727	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6345.0000420213	Sum of GTIs [s]
livetime	6203.5588991213	Livetime [s]
ontime0	6345.0000420213	Sum of GTIs [s]
ontime1	6345.0000420213	Sum of GTIs [s]
ontime2	6345.0000420213	Sum of GTIs [s]
ontime3	6345.0000420213	Sum of GTIs [s]
ontime6	6345.0000420213	Sum of GTIs [s]
ontime7	6345.0000420213	Sum of GTIs [s]
l2events	30982	Number of level 2 events

