

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 12318 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See axaff12318N003\_VV003\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.30
V&V Edition	3
V&V Disposition and Status	OK
V&V Charge Time	80.0388595

## Comments

Saturn 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 Saturn.

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Bias maps were acquired during the slew to the target to avoid contamination of the bias maps by the source itself.

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The guide stars in slots 3 and 6 were removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of these stars from the solution.

seq_num	100075	Sequence number
obs_id	12318	Observation id
title	Effects of Coronal Mass Ejection (CME) propagation on planetary aurorae: the Chandra view	Proposal title
observer	Prof. Graziella Branduardi-Raymont	Principal investigator
object	Saturn	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	191.918042	Observer's specified target RA [deg]
dec_targ	-2.172139	Observer's specified target Dec [deg]
ra_nom	191.75474603449	Nominal RA [deg]
dec_nom	-2.1197100531174	Nominal Dec [deg]
roll_nom	242.6421803562	Nominal Roll [deg]
revision	3	Processing version of data
ontime	80038.859585345	Sum of GTIs [s]
livetime	78993.092961111	Livetime [s]
ontime2	80032.577524781	Sum of GTIs [s]
ontime3	80032.577564597	Sum of GTIs [s]
ontime6	80032.577574492	Sum of GTIs [s]
ontime7	80038.859585345	Sum of GTIs [s]
ontime8	80032.577544391	Sum of GTIs [s]
l2events	483785	Number of level 2 events

