

# V&V Summary Report

## L2 ASCDS Version : 10.2.1

Observation 15671 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 11 2014

See axaff15671N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	41.0317772578

## Comments

Joint proposal with XMM.

Window preference met.

This is an observation of a moving target. Users will need to run `sso_freeze` or similar software to position the events in the reference frame of the target.

These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

seq_num	100100	Sequence number
obs_id	15671	Observation id
title	Plasma in the Jovian magnetosphere: An X-ray and EUV study of the aurora and the Io plasma torus	Proposal title
observer	Dr. Ralph Kraft	Principal investigator
object	Jupiter	Source name
ra_targ	103.0041	Observer's specified target RA [deg]
dec_targ	23.19548	Observer's specified target Dec [deg]
ra_nom	103.01723625824	Nominal RA [deg]
dec_nom	23.171022976824	Nominal Dec [deg]
roll_nom	264.82442478806	Nominal Roll [deg]
revision	2	Processing version of data
ontime	41031.7772578	[s]
livetime	40732.978866509	Ontime multiplied by DTCOR
l2events	2330624	Number of level 2 events

