

V&V Summary Report

L2 ASCDS Version : 10.2.1

Observation 15670 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 11 2014

See axaff15670N003_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	39.795883445382

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.

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 star from the solution.

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	100099	Sequence number
obs_id	15670	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	104.4556	Observer's specified target RA [deg]
dec_targ	23.07806	Observer's specified target Dec [deg]
ra_nom	104.4684798755	Nominal RA [deg]
dec_nom	23.053535375909	Nominal Dec [deg]
roll_nom	264.33243644984	Nominal Roll [deg]
revision	3	Processing version of data
ontime	39795.883445382	[s]
lifetime	23116.295047312	Ontime multiplied by DTCOR
l2events	5302891	Number of level 2 events

