

V&V Summary Report

L2 ASCDS Version : 10.2.2

Observation 15642 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 11 2014

See axaff15642N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.023

Comments

Joint Proposal: CX0-HST

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The guide star in slot 6 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.

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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	200912	Sequence number
obs_id	15642	Observation id
title	Properties and dynamics of the upper atmosphere of the hot-Neptune GJ 436b	Proposal title
observer	Dr David Ehrenreich	Principal investigator
object	GJ 436	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	175.5475	Observer's specified target RA [deg]
dec_targ	26.705528	Observer's specified target Dec [deg]
ra_nom	175.54962158686	Nominal RA [deg]
dec_nom	26.703179362242	Nominal Dec [deg]
roll_nom	251.43779983806	Nominal Roll [deg]
revision	3	Processing version of data
ontime	19023.0	Sum of GTIs [s]
liveltime	18766.277326178	Livetime [s]
ontime7	19023.0	Sum of GTIs [s]
l2events	50079	Number of level 2 events

