

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 14459 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 1 2014

See [axaff14459N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.026

Comments

Joint proposal with HST.

Observation coordinated with HST.

Slot 7 used for optical photometry 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	200831	Sequence number
obs_id	14459	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
dtycycle	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	175.54413294624	Nominal RA [deg]
dec_nom	26.705857299261	Nominal Dec [deg]
roll_nom	116.31751606559	Nominal Roll [deg]
revision	2	Processing version of data
ontime	19026.0	Sum of GTIs [s]
liveltime	18769.236840028	Livetime [s]
ontime7	19026.0	Sum of GTIs [s]
l2events	58990	Number of level 2 events

