

# V&V Summary Report

## L2 ASCDS Version : 10.0.1

Observation 16314 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 8 2014

See axaff16314N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.11.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	122.75913171989

## Comments

The guide star in slot 3 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	703023	Sequence number
obs_id	16314	Observation id
title	High-resolution X-ray spectroscopy of an AGN outflow	Proposal titl
observer	Dr. Jelle Kaastra	Principal investigator
object	NGC 5548	Source name
ra_targ	214.497917	Observer's specified target RA [deg]
dec_targ	25.136778	Observer's specified target Dec [deg]
ra_nom	214.49938704828	Nominal RA [deg]
dec_nom	25.132210779668	Nominal Dec [deg]
roll_nom	287.02796086899	Nominal Roll [deg]
revision	3	Processing version of data
ontime	122759.13171989	[s]
livetime	121962.96222792	Ontime multiplied by DTCOR
l2events	6484669	Number of level 2 events

