

# V&V Summary Report

## L2 ASCDS Version : 10

Observation 15481 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 3 2014

See axaff15481N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.11.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.185681803703

## Comments

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	790257	Sequence number
obs_id	15481	Observation id
title	AO-14 Calibration Observations of Mkn421	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	MKN421	Source name
ra_targ	166.113333	Observer's specified target RA [deg]
dec_targ	38.208806	Observer's specified target Dec [deg]
ra_nom	166.11283426969	Nominal RA [deg]
dec_nom	38.204027612413	Nominal Dec [deg]
roll_nom	264.94872118725	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10185.681803703	[s]
livetime	10093.820438016	Ontime multiplied by DTCOR
l2events	898292	Number of level 2 events

