

# V&V Summary Report

## L2 ASCDS Version : 10.8

Observation 20559 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Aug 6 2019

See [axaff20559N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2019.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.591318312049

## Comments

The guide star in slot 5 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.

seq_num	801762	Sequence number
obs_id	20559	Observation id
title	Shock structure, the electron-ion equilibration timescale and the disintegrating cool core in A2146	Proposal title
observer	Helen Russell	Principal investigator
object	Abell 2146	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	239.06125	Observer's specified target RA [deg]
dec_targ	66.346917	Observer's specified target Dec [deg]
ra_nom	238.94481736993	Nominal RA [deg]
dec_nom	66.327657955688	Nominal Dec [deg]
roll_nom	255.31533872407	Nominal Roll [deg]
revision	1	Processing version of data
ontime	40591.318312049	Sum of GTIs [s]
livetime	40060.962855408	Livetime [s]
ontime0	40591.318361878	Sum of GTIs [s]
ontime1	40594.45931232	Sum of GTIs [s]
ontime2	40594.459252596	Sum of GTIs [s]
ontime3	40591.318312049	Sum of GTIs [s]
ontime6	40594.459341884	Sum of GTIs [s]
l2events	168732	Number of level 2 events

