

# V&V Summary Report

## L2 ASCDS Version : 10.7.1

Observation 21987 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Dec 13 2018

See axaff21987N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2018.12.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1824000169039

## Comments

Joint proposal with HST.

This is an observation of a moving target. Users will need to run `sso_freeze` or similar software to position the events in the reference frame of the target.

Window preference met.

Two optional chips were dropped.

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 slot from the solution.

seq_num	100169	Sequence number
obs_id	21987	Observation id
title	Close encounter with comet 46P/Wirtanen: X-ray tomography of the coma	Proposal title
observer	Dennis Bodewits	Principal investigator
object	46P/Wirtanen	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	54.365985	Observer's specified target RA [deg]
dec_targ	10.612141	Observer's specified target Dec [deg]
ra_nom	54.383182561182	Nominal RA [deg]
dec_nom	10.581405646991	Nominal Dec [deg]
roll_nom	293.15340983463	Nominal Roll [deg]
revision	1	Processing version of data
ontime	2182.4000169039	Sum of GTIs [s]
livetime	2153.8853540235	Livetime [s]
ontime3	2182.4000169039	Sum of GTIs [s]
ontime6	2182.4000169039	Sum of GTIs [s]
ontime7	2182.4000169039	Sum of GTIs [s]
ontime8	2182.4000169039	Sum of GTIs [s]
l2events	13774	Number of level 2 events

