

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 21988 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 17 2018

See [axaff21988N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2018.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1886000169516

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.

Two optional chips were dropped.

Window preference met.

The guide star in slot 4 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	21988	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	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	54.425449	Observer's specified target RA [deg]
dec_targ	10.719089	Observer's specified target Dec [deg]
ra_nom	54.446441670419	Nominal RA [deg]
dec_nom	10.690560377372	Nominal Dec [deg]
roll_nom	300.25569169734	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2188.6000169516	Sum of GTIs [s]
livetime	2160.0043465062	Livetime [s]
ontime3	2188.6000169516	Sum of GTIs [s]
ontime6	2188.6000169516	Sum of GTIs [s]
ontime7	2188.6000169516	Sum of GTIs [s]
ontime8	2188.6000169516	Sum of GTIs [s]
l2events	13949	Number of level 2 events

