

# V&V Summary Report

## L2 ASCDS Version : 10.8

Observation 22146 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jul 16 2019

See axaff22146N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.07.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.074832755923

## Comments

Joint proposal with XMM.

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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.

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The fid light in slot 1 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.

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Due to corruption of the secondary science data during this observation, some instrument parameters have bogus values. The data in this observation have been inspected by the HRC team. PLEASE NOTE: All the event data in this observation are good. The short gaps in the GTI intervals can be eliminated (i.e., use the first START and last STOP). THE DTF values during this observation can be estimated by dropping all the low values and averaging the remaining values near 1.0.

seq_num	100176	Sequence number
obs_id	22146	Observation id
title	Is X-ray Aurora Produced by Magnetic Unloading?	Proposal title
observer	William Dunn	Principal investigator
object	Jupiter	Source name
ra_targ	254.337801	Observer's specified target RA [deg]
dec_targ	-22.166811	Observer's specified target Dec [deg]
ra_nom	254.34011446554	Nominal RA [deg]
dec_nom	-22.169764609734	Nominal Dec [deg]
roll_nom	263.08473556323	Nominal Roll [deg]
revision	2	Processing version of data
ontime	25074.832755923	[s]
liveltime	24456.391156519	Ontime multiplied by DTCOR
l2events	2930954	Number of level 2 events

