

# V&V Summary Report

## L2 ASCDS Version : 10.8

Observation 22148 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Jul 16 2019

See axaff22148N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2019.07.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.138382760167

## Comments

This is 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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Joint Proposal: CXO-XMM. Window constraint met.

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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	100178	Sequence number
obs_id	22148	Observation id
title	Is X-ray Aurora Produced by Magnetic Unloading?	Proposal title
observer	William Dunn	Principal investigator
object	Jupiter	Source name
ra_targ	254.119738	Observer's specified target RA [deg]
dec_targ	-22.151858	Observer's specified target Dec [deg]
ra_nom	254.12210021832	Nominal RA [deg]
dec_nom	-22.154843780331	Nominal Dec [deg]
roll_nom	263.06475352673	Nominal Roll [deg]
revision	1	Processing version of data
ontime	25138.382760167	[s]
livetime	24729.806137723	Ontime multiplied by DTCOR
l2events	2944138	Number of level 2 events

