

# V&V Summary Report

## L2 ASCDS Version : 10.8.1

Observation 22338 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jan 2 2020

See axaff22338N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Melania Nynka
V&V Date (YYYY-MM-DD)	2020.01.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.667163175225

## Comments

To compensate for a few bad pixels not marked as bad that were not removed in the Level 2 processing, a custom bad pixel file with additional bad pixels at (chipx, chipy) = (232:234,322:339) in S1 was added in this processing. As a result, the user will NOT find a relatively bright square of pixels on the S1 chip for level 2 data caused by the application of the dither algorithm to the bad pixels in question, as opposed to previous processing(s).

seq_num	201298	Sequence number
obs_id	22338	Observation id
title	THE TRUE NATURE OF X-RAYS FROM THE ORION TRAPEZIUM	Proposal title
observer	Norbert Schulz	Principal investigator
object	Orion Nebula Cluster	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.81875	Observer's specified target RA [deg]
dec_targ	-5.38975	Observer's specified target Dec [deg]
ra_nom	83.823696248042	Nominal RA [deg]
dec_nom	-5.3873632512076	Nominal Dec [deg]
roll_nom	333.83235642534	Nominal Roll [deg]
revision	2	Processing version of data
ontime	39667.163175225	Sum of GTIs [s]
livetime	39148.8824858	Livetime [s]
ontime5	39667.122135282	Sum of GTIs [s]
ontime6	39663.940024972	Sum of GTIs [s]
ontime7	39667.163175225	Sum of GTIs [s]
ontime8	39667.040055275	Sum of GTIs [s]
l2events	565574	Number of level 2 events

