

# V&V Summary Report

## L2 ASCDS Version : 10.6.4

Observation 21123 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Jul 12 2018

See [axaff21123N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	42.339200631022

## Comments

Zeroth order piled up. The zeroth order sky position was determined using a software tool developed by CXC called findzero, which is available in CIAO as part of the tgdetect2 tool. The tool calculates the point of intersection of the readout streak on the ACIS CCD and the meg or leg dispersed spectral arm, rather than using a centroid position of the source. The findzero results are more accurate than source centroid in this case.

seq_num	402007	Sequence number
obs_id	21123	Observation id
title	Searching for Emission Lines in 4U 1907+09	Proposal title
observer	Claude Canizares	Principal investigator
object	4U 1907+09	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	287.407917	Observer's specified target RA [deg]
dec_targ	9.830278	Observer's specified target Dec [deg]
ra_nom	287.40304020834	Nominal RA [deg]
dec_nom	9.8241857045636	Nominal Dec [deg]
roll_nom	188.85745687635	Nominal Roll [deg]
revision	1	Processing version of data
ontime	42339.200631022	Sum of GTIs [s]
livetime	41280.359412102	Livetime [s]
ontime5	42335.91852057	Sum of GTIs [s]
ontime6	42339.200631022	Sum of GTIs [s]
ontime7	42339.200631022	Sum of GTIs [s]
ontime8	42339.200631022	Sum of GTIs [s]
l2events	352414	Number of level 2 events

