

# V&V Summary Report

## L2 ASCDS Version : 10.5.1.1

Observation 17738 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jan 30 2018

See axaff17738N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	70.06567360127

## Comments

Note: crowded field; the extraction was done centered on V914 Per, to be consistent with the other observations in this sequence.

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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). 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	201048	Sequence number
obs_id	17738	Observation id
title	Using high resolution x-ray spectra to probe accretion, abundances, and coronal activity in the young cluster IC 348	Proposal title
observer	Dr. David Huenemoerder	Principal investigator
object	IC 348	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	56.149167	Observer's specified target RA [deg]
dec_targ	32.145306	Observer's specified target Dec [deg]
ra_nom	56.145705548707	Nominal RA [deg]
dec_nom	32.145061382069	Nominal Dec [deg]
roll_nom	118.14357849449	Nominal Roll [deg]
revision	3	Processing version of data
ontime	70065.67360127	Sum of GTIs [s]
livetime	69150.213994071	Livetime [s]
ontime5	70065.632561326	Sum of GTIs [s]
ontime6	70062.450481057	Sum of GTIs [s]
ontime7	70065.67360127	Sum of GTIs [s]
ontime8	70065.550481319	Sum of GTIs [s]
l2events	697306	Number of level 2 events

