

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22138 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 8 2019

See [axaff22138N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.03.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.828467562199

Comments

Joint proposal with XMM.

Two optional chips were dropped.

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	801782	Sequence number
obs_id	22138	Observation id
title	Galaxy collisions and shocks in compact groups	Proposal title
observer	Ewan O'Sullivan	Principal investigator
object	HCG57	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	174.475	Observer's specified target RA [deg]
dec_targ	21.981389	Observer's specified target Dec [deg]
ra_nom	174.47004758274	Nominal RA [deg]
dec_nom	21.979986865937	Nominal Dec [deg]
roll_nom	141.65847732326	Nominal Roll [deg]
revision	2	Processing version of data
ontime	27828.467562199	Sum of GTIs [s]
livetime	27464.868146479	Livetime [s]
ontime5	27828.426522255	Sum of GTIs [s]
ontime6	27828.385482192	Sum of GTIs [s]
ontime7	27828.467562199	Sum of GTIs [s]
ontime8	27828.344442248	Sum of GTIs [s]
l2events	315078	Number of level 2 events

