

V&V Summary Report

L2 ASCDS Version : 10.8

Observation 21539 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 9 2019

See [axaff21539N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.08.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.063935483575

Comments

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	801821	Sequence number
obs_id	21539	Observation id
title	The rare massive merging cluster SPT-CLJ2031-4037 - Probing dark matter and ICM physics	Proposal title
observer	Florian Hofmann	Principal investigator
object	SPT-CLJ2031-4037	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	307.962917	Observer's specified target RA [deg]
dec_targ	-40.622806	Observer's specified target Dec [deg]
ra_nom	307.96810317112	Nominal RA [deg]
dec_nom	-40.619782715811	Nominal Dec [deg]
roll_nom	342.95709717489	Nominal Roll [deg]
revision	2	Processing version of data
ontime	36063.935483575	Sum of GTIs [s]
livetime	35592.733616599	Livetime [s]
ontime5	36063.894443631	Sum of GTIs [s]
ontime6	36063.853403568	Sum of GTIs [s]
ontime7	36063.935483575	Sum of GTIs [s]
ontime8	36063.812363625	Sum of GTIs [s]
l2events	413988	Number of level 2 events

