

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 20542 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 21 2019

See axaff20542N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.03.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.064100269794

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).

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The guide star in slot 5 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this slot from the solution.

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Two optional chips were dropped.

seq_num	801753	Sequence number
obs_id	20542	Observation id
title	Fuelling and self-regulation of AGN feedback at the Bondi radius of M84	Proposal title
observer	Helen Russell	Principal investigator
object	M84	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	186.265833	Observer's specified target RA [deg]
dec_targ	12.886944	Observer's specified target Dec [deg]
ra_nom	186.2473363542	Nominal RA [deg]
dec_nom	12.894145664016	Nominal Dec [deg]
roll_nom	147.16424233354	Nominal Roll [deg]
revision	2	Processing version of data
ontime	35064.100269794	Sum of GTIs [s]
liveltime	34605.961985955	Livetime [s]
ontime3	35057.818169355	Sum of GTIs [s]
ontime5	35064.100269794	Sum of GTIs [s]
ontime6	35060.959199548	Sum of GTIs [s]
ontime7	35064.100269794	Sum of GTIs [s]
l2events	415107	Number of level 2 events

