

# V&V Summary Report

## L2 ASCDS Version : 10.7.1

Observation 20583 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Mar 7 2019

See axaff20583N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2019.03.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.064100269794

## Comments

Joint Proposal: XMM. Roll preference met. Optional chips I2 and I3 not included.

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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).

seq_num	801782	Sequence number
obs_id	20583	Observation id
title	Galaxy collisions and shocks in compact groups	Proposal title
observer	Ewan O'Sullivan	Principal investigator
object	HCG57	Source name
dtcycle	0	&#160
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	174.47112004836	Nominal RA [deg]
dec_nom	21.97977703816	Nominal Dec [deg]
roll_nom	141.65807695974	Nominal Roll [deg]
revision	2	Processing version of data
ontime	35064.100269794	Sum of GTIs [s]
livetime	34605.961985955	Livetime [s]
ontime5	35064.100269794	Sum of GTIs [s]
ontime6	35057.81820941	Sum of GTIs [s]
ontime7	35064.100269794	Sum of GTIs [s]
ontime8	35064.100269794	Sum of GTIs [s]
l2events	397757	Number of level 2 events

