

# V&V Summary Report

## L2 ASCDS Version : 10.5.2

Observation 19522 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Mar 17 2017

See axaff19522N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.257100294352

## Comments

Joint proposal with NuSTAR.

Observation coordinated with NuSTAR.

seq_num	703370	Sequence number
obs_id	19522	Observation id
title	A Deep broadband study of the diverse population of X-ray sources in M51 with Chandra and NuSTAR	Proposal title
observer	Murray Brightman	Principal investigator
object	M51	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	202.484167	Observer's specified target RA [deg]
dec_targ	47.230611	Observer's specified target Dec [deg]
ra_nom	202.46925745833	Nominal RA [deg]
dec_nom	47.23191397077	Nominal Dec [deg]
roll_nom	146.10173505029	Nominal Roll [deg]
revision	1	Processing version of data
ontime	38257.100294352	Sum of GTIs [s]
livetime	37757.243114538	Livetime [s]
ontime0	38250.818153501	Sum of GTIs [s]
ontime1	38253.959233999	Sum of GTIs [s]
ontime2	38253.959234118	Sum of GTIs [s]
ontime3	38257.100294352	Sum of GTIs [s]
l2events	108491	Number of level 2 events

