

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 13815 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 26 2014

See axaff13815N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	68.072900523543

Comments

Joint proposal with HST.

These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

seq_num	600995	Sequence number
obs_id	13815	Observation id
title	M51: Using the Kinematics of a Grand-Design Spiral to Understand the Physics of the Hot ISM, SNRs, and XRBs	Proposal title
observer	Dr. K.D. Kuntz	Principal investigator
object	M51	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	202.5	Observer's specified target RA [deg]
dec_targ	47.2	Observer's specified target Dec [deg]
ra_nom	202.51814661587	Nominal RA [deg]
dec_nom	47.183224635082	Nominal Dec [deg]
roll_nom	335.0060641494	Nominal Roll [deg]
revision	2	Processing version of data
ontime	68072.900523543	Sum of GTIs [s]
livetime	67183.477963663	Livetime [s]
ontime5	68072.900523543	Sum of GTIs [s]
ontime6	68069.759563267	Sum of GTIs [s]
ontime7	68072.900523543	Sum of GTIs [s]
ontime8	68063.47757262	Sum of GTIs [s]
l2events	611726	Number of level 2 events

