

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 15496 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 27 2014

See axaff15496N002_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	41.507852523327

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	15496	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	202.51599185916	Nominal RA [deg]
dec_nom	47.18223053285	Nominal Dec [deg]
roll_nom	330.14490161434	Nominal Roll [deg]
revision	2	Processing version of data
ontime	41507.852523327	Sum of GTIs [s]
livetime	40965.521872473	Livetime [s]
ontime5	41507.811483324	Sum of GTIs [s]
ontime6	41504.629482985	Sum of GTIs [s]
ontime7	41507.852523327	Sum of GTIs [s]
ontime8	41507.729403317	Sum of GTIs [s]
l2events	363515	Number of level 2 events

