V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 13812 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 27 2014

See axaff13812N002_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	159.54150122702

Comments

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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.
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seq_num	600995	Sequence number
obs_id	13812	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
dtycycle	0	&#160
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	202.50918676729	Nominal RA [deg]
dec_nom	47.180143446317	Nominal Dec [deg]
roll_nom	316.14989245509	Nominal Roll [deg]
revision	2	Processing version of data
ontime	159541.50122702	Sum of GTIs [s]
livetime	157456.97406075	Livetime [s]
ontime5	159541.50122702	Sum of GTIs [s]
ontime6	159532.0784058	Sum of GTIs [s]
ontime7	159541.50122702	Sum of GTIs [s]
ontime8	159532.07840574	Sum of GTIs [s]
l2events	1416347	Number of level 2 events