

V&V Summary Report

L2 ASCDS Version : 10.1

Observation 15273 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 6 2014

See axaff15273N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.10.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	77.062900592685

Comments

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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There are many dispersed spectra visible on this observation from the many X-ray sources in the field. The extracted spectral data supplied with this processing are of the source at ra=00:42:38.622, dec=+41:16:04.00. This source is somewhat off-axis. Spectra of other sources in the field can be extracted using CIAO tools.

Cross-contamination is a possibility with these dispersed spectra and should be considered in the analysis.

seq_num	601077	Sequence number
obs_id	15273	Observation id
title	High Resolution Spectroscopy of X-ray Sources in M 31	Proposal tit
observer	Prof Claude Canizares	Principal investigator
object	M 31 North	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	10.684583	Observer's specified target RA [deg]
dec_targ	41.285417	Observer's specified target Dec [deg]
ra_nom	10.683096167701	Nominal RA [deg]
dec_nom	41.282601851426	Nominal Dec [deg]
roll_nom	190.90480858198	Nominal Roll [deg]
revision	2	Processing version of data
ontime	77062.900592685	Sum of GTIs [s]
livetime	76056.017063559	Livetime [s]
ontime5	77062.900592685	Sum of GTIs [s]
ontime6	77062.900592685	Sum of GTIs [s]
ontime7	77062.900592685	Sum of GTIs [s]
ontime8	77062.900592685	Sum of GTIs [s]
ontime9	77062.900592685	Sum of GTIs [s]
l2events	721912	Number of level 2 events

