

V&V Summary Report

L2 ASCDS Version : 10

Observation 15276 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 4 2014

See axaff15276N002-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	73.500799726248

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 multiple dispersed spectra associated with different sources in this observation. The ciao tool textract2 can be used to create non-standard background regions. The zeroth order selected for the spectral extraction has the coordinates ra=0:42:48.569, dec=+41:15:21.05. If desired, the investigator can select a different source in this rich field for spectral extraction.

seq_num	601078	Sequence number
obs_id	15276	Observation id
title	High Resolution Spectroscopy of X-ray Sources in M 31	Proposal tit
observer	Prof Claude Canizares	Principal investigator
object	M 31 Southeast	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	10.7025	Observer's specified target RA [deg]
dec_targ	41.258333	Observer's specified target Dec [deg]
ra_nom	10.698492471517	Nominal RA [deg]
dec_nom	41.258507031764	Nominal Dec [deg]
roll_nom	119.18690825107	Nominal Roll [deg]
revision	2	Processing version of data
ontime	73500.799726248	Sum of GTIs [s]
livetime	72570.088343246	Livetime [s]
ontime4	73497.558745861	Sum of GTIs [s]
ontime5	73500.799726248	Sum of GTIs [s]
ontime6	73497.558755934	Sum of GTIs [s]
ontime7	73500.799726248	Sum of GTIs [s]
ontime8	73497.558745921	Sum of GTIs [s]
ontime9	73497.558745921	Sum of GTIs [s]
l2events	711461	Number of level 2 events

