

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 15278 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 3 2014

See axaff15278N002-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	72.735300559402

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 `tgextract2` can be used to create non-standard background regions. Contamination from the many dispersed spectra may be an issue in spectral extraction. A very off-axis source is superposed on the long wavelength region of the `heg minus` order.

seq_num	601079	Sequence number
obs_id	15278	Observation id
title	High Resolution Spectroscopy of X-ray Sources in M 31	Proposal tit
observer	Prof Claude Canizares	Principal investigator
object	M 31 Southwest	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	10.66875	Observer's specified target RA [deg]
dec_targ	41.258333	Observer's specified target Dec [deg]
ra_nom	10.665506628906	Nominal RA [deg]
dec_nom	41.260119850037	Nominal Dec [deg]
roll_nom	86.297755842222	Nominal Roll [deg]
revision	2	Processing version of data
ontime	72735.300559402	Sum of GTIs [s]
livetime	71784.960310644	Livetime [s]
ontime5	72735.300559402	Sum of GTIs [s]
ontime6	72735.300559402	Sum of GTIs [s]
ontime7	72735.300559402	Sum of GTIs [s]
ontime8	72735.300559402	Sum of GTIs [s]
ontime9	72735.300559402	Sum of GTIs [s]
l2events	677517	Number of level 2 events

