

V&V Summary Report

L2 ASCDS Version : 10

Observation 15651 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 7 2015

See axaff15651N004_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	14.105382

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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Note: spatially complex region with multiple point sources and extended emission. The spectral extraction was centered on the nominal Sgr A* coordinates: (RA, DEC) = (266.41667, -29.00780)[deg]. == The user should select a region or source of interest, then use software tools such as CIAO to specify the coordinates of the zeroth order source of interest before running the tools to resolve the dispersed events. The spectral data supplied in this processing are only energy-calibrated for the nominal position of Sgr A* as defined above. == WARNING: there are no standard ciao tools for analysis of grating spectra from extended sources. The shape of an emission 'line' will be the shape of the zero order spatial structure convolved with the instrumental LSF. Grating extractions can be used, but need to be combined with custom spatial-spectral analysis, since wavelength is multi-valued at any particular diffraction angle.

seq_num	702847	Sequence number
obs_id	15651	Observation id
title	Joint Chandra/XMM/EVLA Monitoring of the Gas Cloud G2 as it Encounters Sgr A*	Proposal title
observer	Dr. Daryl Haggard	Principal investigator
object	Sgr A	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.416837	Observer's specified target RA [deg]
dec_targ	-29.007811	Observer's specified target Dec [deg]
ra_nom	266.41635579909	Nominal RA [deg]
dec_nom	-28.999964555009	Nominal Dec [deg]
roll_nom	74.156402977295	Nominal Roll [deg]
revision	4	Processing version of data
ontime	14105.382824183	Sum of GTIs [s]
livetime	13752.627918084	Livetime [s]
ontime5	14105.341784179	Sum of GTIs [s]
ontime6	14105.300744176	Sum of GTIs [s]
ontime7	14105.382824183	Sum of GTIs [s]
ontime8	14105.259704173	Sum of GTIs [s]
l2events	78166	Number of level 2 events

