V&V Summary Report
L2 ASCDS Version : 10

Observation 15654 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 7 2015

See axaff15654N004_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	9.26026321

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	15654	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
dtycycle	0	&#160
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	266.41640650222	Nominal RA [deg]
dec_nom	-28.999930835816	Nominal Dec [deg]
roll_nom	74.156428073417	Nominal Roll [deg]
revision	4	Processing version of data
ontime	9260.2632116079	Sum of GTIs [s]
livetime	9028.6776303885	Livetime [s]
ontime5	9260.2221716046	Sum of GTIs [s]
ontime6	9260.1811316013	Sum of GTIs [s]
ontime7	9260.2632116079	Sum of GTIs [s]
ontime8	9260.140091598	Sum of GTIs [s]
l2events	49938	Number of level 2 events