V&V Summary Report
L2 ASCDS Version : 10.2.2

Observation 16628 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 12 2014

See axaff16628N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.634749250174

Comments

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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.
====
Zeroth order piled up. The zeroth order sky position was determined
using a software tool developed by CXC called findzero, which is
available in CIAO as part of the tgdetect2 tool. The tool calculates the
point of intersection of the readout streak on the ACIS CCD and the meg
dispersed spectral arm, rather than using a centroid position of the
source. The findzero results are more accurate than source centroid in
this case.
====Star in slot 3 has an RMS deviation > 0.200000 arcsec;
Star in slot 4 has an RMS deviation > 0.200000 arcsec; Aspect review
indicates these deviations are acceptable.
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seq_num	703022	Sequence number
obs_id	16628	Observation id
title	A Warm Absorber Study of Mk 766	Proposal title
observer	Prof. Claude Canizares	Principal investigator
object	Mkn 766	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	184.610417	Observer's specified target RA [deg]
dec_targ	29.812778	Observer's specified target Dec [deg]
ra_nom	184.61263645199	Nominal RA [deg]
dec_nom	29.81045981153	Nominal Dec [deg]
roll_nom	252.15552469059	Nominal Roll [deg]
revision	2	Processing version of data
ontime	49634.749250174	Sum of GTIs [s]
livetime	48833.104998518	Livetime [s]
ontime4	49634.790290177	Sum of GTIs [s]
ontime5	49634.70821017	Sum of GTIs [s]
ontime6	49634.667170167	Sum of GTIs [s]
ontime7	49634.749250174	Sum of GTIs [s]
ontime8	49634.626130164	Sum of GTIs [s]
ontime9	49634.58509016	Sum of GTIs [s]
l2events	383955	Number of level 2 events