V&V Summary Report
L2 ASCDS Version : 10.2.1

Observation 16581 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 10 2014

See axaff16581N002_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	52.937599802852

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.
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Phase constraint met.
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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.
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seq_num	200917	Sequence number
obs_id	16581	Observation id
title	The eye of the hurricane. Exploring the innermost wind region of the massive star QV Nor.	Proposal title
observer	Dr. Jose Torrejon	Principal investigator
object	QV Nor	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	235.5975	Observer's specified target RA [deg]
dec_targ	-52.386	Observer's specified target Dec [deg]
ra_nom	235.59356198149	Nominal RA [deg]
dec_nom	-52.384170247655	Nominal Dec [deg]
roll_nom	85.153510752108	Nominal Roll [deg]
revision	2	Processing version of data
ontime	52937.599802852	Sum of GTIs [s]
livetime	52267.272038952	Livetime [s]
ontime4	52937.599802852	Sum of GTIs [s]
ontime5	52937.599802852	Sum of GTIs [s]
ontime6	52937.599802852	Sum of GTIs [s]
ontime7	52937.599802852	Sum of GTIs [s]
ontime8	52934.358802617	Sum of GTIs [s]
ontime9	52937.599802852	Sum of GTIs [s]
l2events	497089	Number of level 2 events