V&V Summary Report
L2 ASCDS Version : 10.6

Observation 21099 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 2 2018

See axaff21099N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.06.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	33.080401314497

Comments

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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
or leg 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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Faint grating spectra can be seen in an image of bad events. This is
probably due to pileup in the spectrum, causing migration to bad grades.
This should be considered in analysis.
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seq_num	901409	Sequence number
obs_id	21099	Observation id
title	Measure Si K and Fe L edges in 4U 1636-53	Proposal title
observer	Claude Canizares	Principal investigator
object	4U 1636-53	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	250.23125	Observer's specified target RA [deg]
dec_targ	-53.751389	Observer's specified target Dec [deg]
ra_nom	250.24102387241	Nominal RA [deg]
dec_nom	-53.746598437293	Nominal Dec [deg]
roll_nom	356.16450919553	Nominal Roll [deg]
revision	1	Processing version of data
ontime	33080.401314497	Sum of GTIs [s]
livetime	31986.464237572	Livetime [s]
ontime5	33080.401314497	Sum of GTIs [s]
ontime6	33079.160264373	Sum of GTIs [s]
ontime7	33080.401314497	Sum of GTIs [s]
ontime8	33080.401314497	Sum of GTIs [s]
ontime9	33080.401314497	Sum of GTIs [s]
l2events	670363	Number of level 2 events