V&V Summary Report
L2 ASCDS Version : 10.5

Observation 18839 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 1 2016

See axaff18839N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.07.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	59.919201298833

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 usiFaint 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. ng a centroid position of the source. The findzero results are
more accurate than source centroid in this case.
===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	790291	Sequence number
obs_id	18839	Observation id
title	Big Dither LETG/ACIS-S observations of Mkn 421 to monitor the build-up of contamination on the ACIS filters	Proposal title
observer	CXC Calibration	Principal investigator
object	Mkn 421	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.113333	Observer's specified target RA [deg]
dec_targ	38.208806	Observer's specified target Dec [deg]
ra_nom	166.11949202459	Nominal RA [deg]
dec_nom	38.231403830293	Nominal Dec [deg]
roll_nom	263.65283666227	Nominal Roll [deg]
revision	1	Processing version of data
ontime	59919.201298833	Sum of GTIs [s]
livetime	57764.076131175	Livetime [s]
ontime5	59919.201298833	Sum of GTIs [s]
ontime6	59919.201298833	Sum of GTIs [s]
ontime7	59919.201298833	Sum of GTIs [s]
ontime8	59919.201298833	Sum of GTIs [s]
ontime9	59919.201298833	Sum of GTIs [s]
l2events	1217284	Number of level 2 events