V&V Summary Report
L2 ASCDS Version : 10.5

Observation 18360 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 27 2016

See axaff18360N001_VV002_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.07.28
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	10.063200399995

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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Gain and CTI correction are not well calibrated on CCD_ID 5 (ACIS-S1).
Default order sorting can clip some regions, particularly longward of
30A (first order). User-specified custom processing parameters may be
required in tg_resolve_events (osipfile=none, osort_lo, osort_hi ~0.5)
though this can allow more zeroth order background at short
wavelengths.
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seq_num	291255	Sequence number
obs_id	18360	Observation id
title	AO-17 Internal Cross-Calibration Study	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Capella	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	79.172917	Observer's specified target RA [deg]
dec_targ	45.996389	Observer's specified target Dec [deg]
ra_nom	79.158253374936	Nominal RA [deg]
dec_nom	45.973747017525	Nominal Dec [deg]
roll_nom	71.69947481717	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10063.200399995	Sum of GTIs [s]
livetime	9418.9445900364	Livetime [s]
ontime5	10063.200399995	Sum of GTIs [s]
ontime6	10063.200399995	Sum of GTIs [s]
ontime7	10063.200399995	Sum of GTIs [s]
ontime8	10063.200399995	Sum of GTIs [s]
ontime9	10063.200399995	Sum of GTIs [s]
l2events	47061	Number of level 2 events