

V&V Summary Report

L2 ASCDS Version : 7.6.7.2

Observation 4568 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 11 2008

See axaff04568N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2008.04.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.184

Comments

Zeroth order is in a 100-column-wide count exclusion window with a sampling

rate of 1/20.=====

Gain and CTI correction are not well calibrated in CC-mode.

Default order sorting can clip some regions, particularly in high orders. User-specified custom processing parameters may be required in tg_resolve_events (osipfile=none, osort_lo, osort_hi ~0.3) though this can allow more zeroth order background at short wavelengths.=====

For ACIS/CC-mode w/ HETG, there are no MEG even order counts. MEG even orders overlap with HEG orders in energy, but MEG even order efficiencies are very low. Since HEG and MEG cannot be spatially separated, events are preferentially assigned to HEG. (MEG odd orders can be resolved.)

seq_num	400351
obs_id	4568
title	Resolving Relativistic Effects and the Accretion Flow Geometry of a Black Hole in Outburst
observer	Dr Jon Miller
object	4U 1630-472
ra_targ	248.501667
dec_targ	-47.394167
ra_nom	248.49900501418
dec_nom	-47.392846065007
roll_nom	275.61201509292
revision	3
ontime	50181.75
livetime	49985.727539062
ontime4	50181.75
ontime5	50181.75
ontime6	50181.75
ontime7	50181.75
ontime8	50181.75
ontime9	50181.75
l2events	3877162

