

V&V Summary Report

L2 ASCDS Version : 7.6.7.1

Observation 5461 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 14 2008

See axaff05461N003_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	62.152

Comments

Ontime varies w/ CCD chip due to telemetry saturation. The greatest time is for chip 5, and is used for the charge time.

=====

A gray filtering area 100 columns wide around the zeroth order was used,

allowing 1 in 20 zeroth order photons in this window

to be telemetered.=====

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	400391
obs_id	5461
title	Relativistic Effects and Outflows in a Black Hole Transient
observer	Dr. Jon Miller
object	GROJ1655-40
ra_targ	253.500583
dec_targ	-39.845806
ra_nom	253.50219682741
dec_nom	-39.847668993182
roll_nom	75.517580725758
revision	3
ontime	25570.688715845
livetime	25470.803213049
ontime4	53811.507050812
ontime5	62152.25
ontime6	25952.876420468
ontime7	25570.688715845
ontime8	41798.192071646
ontime9	58164.229905397
l2events	21436584

