

V&V Summary Report

L2 ASCDS Version : 7.6.7.2

Observation 4587 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 11 2008

See axaff04587N002_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	30.159

Comments

Joint proposal with RSTE.=====

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

allowing 1 in 10 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	400369
obs_id	4587
title	Probe the relativistic Out-flow in the microquasar GRS1915+105 with HETG/Chandra
observer	Dr. Yuxin Feng
object	GRS 1915+105
ra_targ	288.798333
dec_targ	10.945806
ra_nom	288.8018194892
dec_nom	10.971806831192
roll_nom	86.333519053559
revision	3
ontime	30155.25
livetime	30037.456054688
ontime4	30155.25
ontime5	30155.25
ontime6	30155.25
ontime7	30155.25
ontime8	30155.25
ontime9	30155.25
l2events	4460464

