

V&V Summary Report

L2 ASCDS Version : 7.6.9

Observation 2705 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Dec 28 2006

See axaff02705N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.07

Comments

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.)

Phase constraint met.

Streak correction (destreak tool) did not do a very good job in removing the column-to-column streaking in chip 8. It might be helpful to use the destreak tool on the Level 2 event data.

There is apparently a strong source in the field of view that falls on the plus side of the spectral arms and contaminates the spectral data at about 7-8 A in heg and 14-16 A in meg.

seq_num	400185
obs_id	2705
title	HIGH RESOLUTION SPECTROSCOPY OF HERCULES X-1
observer	Dr. Daniel Scott
object	HER X-1 SHORT HI
ra_targ	254.4575
dec_targ	35.342472
ra_nom	254.4574120011
dec_nom	35.344691564216
roll_nom	223.21064245083
revision	3
ontime	19067.75
livetime	18993.266601562
ontime4	19067.75
ontime5	19067.75
ontime6	19067.75
ontime7	19067.75
ontime8	19067.75
ontime9	19067.75
l2events	289710

