

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 12313 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 11 2012

See axaff12313N003_VV001_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.07

Comments

WARNING: grating spectra are visible in the 'level 1 bad-events' image, meaning that the grating spectra may have CCD pileup (and unreliable fluxes).

Note: detector intentionally offset so that 2 grating arms are off the array. Spectra are primarily of HEG negative and MEG positive orders.

Note: phase constraints met.

seq_num	401144	Sequence number
obs_id	12313	Observation id
title	Measuring the spin of the black hole Cygnus X-1	Proposal title
observer	Dr. Jeffrey McClintock	Principal investigator
object	Cyg X-1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	299.590417	Observer's specified target RA [deg]
dec_targ	35.201667	Observer's specified target Dec [deg]
ra_nom	299.58593127457	Nominal RA [deg]
dec_nom	35.198584281311	Nominal Dec [deg]
roll_nom	188.15925733381	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2212.5083827972	Sum of GTIs [s]
livetime	2144.7987365302	Livetime [s]
ontime4	6072.3000556231	Sum of GTIs [s]
ontime5	5586.8473603725	Sum of GTIs [s]
ontime6	2533.0980363488	Sum of GTIs [s]
ontime7	2212.5083827972	Sum of GTIs [s]
ontime8	3826.0748031735	Sum of GTIs [s]
ontime9	6072.3000556231	Sum of GTIs [s]
l2events	1780690	Number of level 2 events

