

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 12405 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 19 2012

See [axaff12405N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.329

## Comments

For ACIS/CC-mode w/ HETG, with no SIM-Z offset, 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.) For observations with a SIM-Z offset, MEG negative and MEG positive orders will be missing (off the array), and remove some of the ambiguity.

seq_num	401146	Sequence number
obs_id	12405	Observation id
title	High Resolution Spectroscopy of a Black Hole Transient	Proposal ti
observer	Dr. Jon Miller	Principal investigator
object	IGR J17091-3624	Source name
ra_targ	257.283	Observer's specified target RA [deg]
dec_targ	-36.407	Observer's specified target Dec [deg]
ra_nom	257.28634506377	Nominal RA [deg]
dec_nom	-36.407976353781	Nominal Dec [deg]
roll_nom	276.42266385901	Nominal Roll [deg]
revision	2	Processing version of data
ontime	31329.0	Sum of GTIs [s]
livetime	31206.62109375	Livetime [s]
ontime4	31329.0	Sum of GTIs [s]
ontime5	31329.0	Sum of GTIs [s]
ontime6	31329.0	Sum of GTIs [s]
ontime7	31329.0	Sum of GTIs [s]
ontime8	31326.07980746	Sum of GTIs [s]
ontime9	31329.0	Sum of GTIs [s]
l2events	1545498	Number of level 2 events

