

V&V Summary Report

L2 ASCDS Version : 10.2.4

Observation 16209 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 27 2014

See axaff16209N001_VV001_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2014.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	157.15775

Comments

Comments for Obi 0

SIM dy drift > 7.500 arcsec

Fid in slot 1 has an RMS deviation > 0.050000 arcsec

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Software status was HOLD; aspect review determined that sim drifts are acceptable.

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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	401603	Sequence number
obs_id	16209	Observation id
title	A Definitive Test of Relativistic Disk Lines in Neutron Stars	Prop
observer	Dr. Edward Cackett	Principal investigator
object	Serpens X-1	Source name
ra_targ	279.99	Observer's specified target RA [deg]
dec_targ	5.036	Observer's specified target Dec [deg]
ra_nom	279.99610897119	Nominal RA [deg]
dec_nom	5.0471767091961	Nominal Dec [deg]
roll_nom	253.38182067121	Nominal Roll [deg]
revision	1	Processing version of data
ontime	157157.75	Sum of GTIs [s]
livetime	156543.85253906	Livetime [s]
ontime4	157157.75	Sum of GTIs [s]
ontime5	157157.75	Sum of GTIs [s]
ontime6	157157.75	Sum of GTIs [s]
ontime7	157157.75	Sum of GTIs [s]
ontime8	157157.75	Sum of GTIs [s]
ontime9	157157.75	Sum of GTIs [s]
l2events	18107472	Number of level 2 events

