

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 12127 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 22 2012

See axaff12127N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.16775

Comments

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	401138	Sequence number
obs_id	12127	Observation id
title	X-ray Column Density Towards The Low Mass X-ray Binary 4U 1608-522	
observer	Prof. Feryal Ozel	Principal investigator
object	4U 1608-52	Source name
ra_targ	243.179167	Observer's specified target RA [deg]
dec_targ	-52.423056	Observer's specified target Dec [deg]
ra_nom	243.16856205444	Nominal RA [deg]
dec_nom	-52.434106595811	Nominal Dec [deg]
roll_nom	71.371933543482	Nominal Roll [deg]
revision	2	Processing version of data
ontime	23167.75	Sum of GTIs [s]
livetime	23077.250976562	Livetime [s]
ontime4	23167.75	Sum of GTIs [s]
ontime5	23167.75	Sum of GTIs [s]
ontime6	23167.75	Sum of GTIs [s]
ontime7	23167.75	Sum of GTIs [s]
ontime8	23167.75	Sum of GTIs [s]
ontime9	23167.75	Sum of GTIs [s]
l2events	3102394	Number of level 2 events

