

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 1598 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 6 2012

See axaff01598N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	90.044

Comments

Roll constraint met.

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A spatial region of the original bias map for CCD = 9 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 9 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:
(213.14789, -3.41306), (213.14680, -3.41557), (213.25717, -3.46338), (213.25826, -3.46088)

seq_num	700214	Sequence number
obs_id	1598	Observation id
title	HETG OBSERVATIONS OF SEYFERT GALAXIES AND A QUASAR	Proposal title
observer	Prof Claude Canizares	Principal investigator
object	NGC 5506	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	213.312083	Observer's specified target RA [deg]
dec_targ	-3.2075	Observer's specified target Dec [deg]
ra_nom	213.31757486726	Nominal RA [deg]
dec_nom	-3.1993255631869	Nominal Dec [deg]
roll_nom	66.519485496189	Nominal Roll [deg]
revision	4	Processing version of data
ontime	90044.759133622	Sum of GTIs [s]
livetime	88904.558175028	Livetime [s]
ontime4	90041.518173367	Sum of GTIs [s]
ontime5	90044.759133622	Sum of GTIs [s]
ontime6	90044.759123608	Sum of GTIs [s]
ontime7	90044.759133622	Sum of GTIs [s]
ontime8	90041.518123537	Sum of GTIs [s]
ontime9	90041.518173382	Sum of GTIs [s]
l2events	879899	Number of level 2 events

