

# V&V Summary Report

## L2 ASCDS Version : 7.6.11.1

Observation 1598 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Oct 11 2007

See axaff01598N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	90.044

## Comments

Roll constraint met.=====

The bias map for CCD\_ID = 9 suffered from anomalously high bias values in an 'exacto-knife'-shaped area of the bias file. Pixels in the event data that have been bias-corrected by one of the 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\_ID=9 was recreated to remove this anomaly and the data were reprocessed.

seq_num	700214
obs_id	1598
title	HETG OBSERVATIONS OF SEYFERT GALAXIES AND A QUASAR
observer	Prof. Claude Canizares
object	NGC 5506
dtcycle	0
cycle	P
ra_targ	213.312083
dec_targ	-3.2075
ra_nom	213.31757574891
dec_nom	-3.1993247433647
roll_nom	66.519485545849
revision	3
ontime	90044.759133637
livetime	88904.558175042
ontime4	90041.518173382
ontime5	90044.759133637
ontime6	90044.759123623
ontime7	90044.759133637
ontime8	90041.518123552
ontime9	90041.518173397
l2events	883684

