

V&V Summary Report

L2 ASCDS Version : 7.6.11.2

Observation 795 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 1 2007

See axaff00795N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.11.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.67

Comments

The CCD bias map for chip 7 (S3) was incomplete because of data gaps in telemetry. The bias map was reconstructed using scaled data from a comparable bias map for another observation to fill the data gaps.

Details of the reconstruction are in the FITS header for that bias file.

An ACIS Threshold-Plane Anomaly occurred during this observation. The flight s/w is intended to delay 'start events' until after 'end bias dump'. For some unknown reason, it occasionally fails to do so, and if the overlap lasts for more than a minute or so, one or more FEPs experience a firmware latch-up that renders them useless until they are power cycled. The anomaly occurred for chip S2 only. No event data were recorded for this chip; the bright pixels on this chip are due to previously known hot pixels. The target and aim point were not affected by this anomaly.

seq_num	600098
obs_id	795
title	THE IMPORTANCE OF LOW MASS X-RAY BINARIES TO THE X-RAY EMISSION FROM SA GALAXY BULGES
observer	Dr. Jimmy Irwin
object	NGC 1291
dtcycle	0
cycle	P
ra_targ	49.328333
dec_targ	-41.106361
ra_nom	49.320652033683
dec_nom	-41.098252910037
roll_nom	136.09354189625
revision	4
ontime	39670.400036946
livetime	39168.069545031
ontime3	33878.178622961
ontime5	39670.400036946
ontime6	18697.462694332
ontime7	39670.400036946
ontime8	38322.151200429
l2events	365022

