

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 14991 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 2 2014

See axaff14991N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2014.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.019199403763

Comments

These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

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Zeroth order piled up. The zeroth order sky position was determined using a software tool developed by CXC called findzero, which is available in CIAO as part of the tgdetect2 tool. The tool calculates the point of intersection of the readout streak on the ACIS CCD and the meg dispersed spectral arm, rather than using a centroid position of the source. The findzero results are more accurate than source centroid in this case.

seq_num	702799	Sequence number
obs_id	14991	Observation id
title	A High-Resolution Study of Long-Term Absorption Variation and the X-ray/UV Connection in NGC 3783	Proposal title
observer	Prof. William Brandt	Principal investigator
object	NGC 3783	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	174.7575	Observer's specified target RA [deg]
dec_targ	-37.738528	Observer's specified target Dec [deg]
ra_nom	174.76040493075	Nominal RA [deg]
dec_nom	-37.736553688841	Nominal Dec [deg]
roll_nom	343.15840664384	Nominal Roll [deg]
revision	2	Processing version of data
ontime	60019.199403763	Sum of GTIs [s]
livetime	59010.126244974	Livetime [s]
ontime5	60019.199403763	Sum of GTIs [s]
ontime6	60019.199403763	Sum of GTIs [s]
ontime7	60019.199403763	Sum of GTIs [s]
ontime8	60016.758353591	Sum of GTIs [s]
ontime9	60019.199403763	Sum of GTIs [s]
l2events	403899	Number of level 2 events

