

V&V Summary Report

L2 ASCDS Version : 10.2.2

Observation 14886 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 11 2014

See axaff14886N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.066916089118

Comments

The guide star in slot 7 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this guide star from the solution.

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Joint Proposal: HST+NRAO. Window constraint met.

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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.

seq_num	502010	Sequence number
obs_id	14886	Observation id
title	The Astrophysics of the Most Energetic Gamma-Ray Bursts	Proposal t
observer	Dr. Andrew Fruchter	Principal investigator
object	GRB 130427A	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	173.135958	Observer's specified target RA [deg]
dec_targ	27.697689	Observer's specified target Dec [deg]
ra_nom	173.13812250722	Nominal RA [deg]
dec_nom	27.695351553709	Nominal Dec [deg]
roll_nom	251.7738489299	Nominal Roll [deg]
revision	3	Processing version of data
ontime	35066.916089118	Sum of GTIs [s]
livetime	34608.741014525	Livetime [s]
ontime2	35066.751929104	Sum of GTIs [s]
ontime3	35066.834009111	Sum of GTIs [s]
ontime6	35066.875049114	Sum of GTIs [s]
ontime7	35066.916089118	Sum of GTIs [s]
ontime8	35066.792969108	Sum of GTIs [s]
l2events	159234	Number of level 2 events

