

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 4458 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 12 2012

See axaff04458N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.245

Comments

On-Board-Computer aspect solution used. Due to violation of the earth angle constraint, there are no L2 events, and therefore no ontime or GTI. Charge time is set to the L1 time.

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Spacecraft attitude control was maintained at a single fixed attitude using gyros only, without any reference stars or any other external attitude references. This is an observation of a moving target. Event positions are in the reference frame of Chandra, not of the Earth. Users should run a software tool such as sso_freeze to reposition the events in the reference frame of the Earth, then run normal data analysis tools.

seq_num	100041	Sequence number
obs_id	4458	Observation id
title	A Search for Soft X-Ray Auroras on Earth	Proposal title
observer	Dr. Ronald Elsner	Principal investigator
object	EARTH	Source name
ra_targ	75.1	Observer's specified target RA [deg]
dec_targ	-36.45	Observer's specified target Dec [deg]
ra_nom	75.092477416798	Nominal RA [deg]
dec_nom	-36.455621233378	Nominal Dec [deg]
roll_nom	279.249741358	Nominal Roll [deg]
revision	4	Processing version of data
ontime	0.0	[s]
livetime	0.0	Ontime multiplied by DTCOR
l2events	0	Number of level 2 events

