

V&V Summary Report

L2 ASCDS Version : 10.4.3.1

Observation 18014 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 29 2016

See axaff18014N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.03.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.0745

Comments

The coordinates given by the user were incorrect. The corrected coordinates (118.927,-29.563667) provided by the user and published in ATEL attributed to XTE were also not precisely at the position of the emission. Analysis of the data in this observation found the bright emission at (118.92754,-29.56467), which is about 4 arcsec away from the corrected coordinates. Therefore, the coordinates (118.92754,-29.56467) were used for the values of ra_targ and dec_targ in this processing of the observation. Although these positional differences are small, the effect on the data can be important because of the difference in grade assignments. We believe this is the best processing of these data.

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Note: there are 3 observations of this target planned. If the rolls are not the same for all of these, then it should be possible to determine the source location from the set of observations.

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Target was placed near a CCD chip gap and was dithered in and out of the gap during the observation.

Approximately 12 intervals of about 300 s occur when the target is in

the chip gap. Analysis of the data must account for this issue. It is not reflected in the GTI.

seq_num	502633	Sequence number
obs_id	18014	Observation id
title	Target-of-Opportunity Chandra Observations of Magnetars in Outburst	
observer	Professor Victoria Kaspi	Principal investigator
object	SGR 0755-2933	Source name
ra_targ	118.92754	Observer's specified target RA [deg]
dec_targ	-29.56467	Observer's specified target Dec [deg]
ra_nom	118.88647719734	Nominal RA [deg]
dec_nom	-29.55189318226	Nominal Dec [deg]
roll_nom	295.15815617902	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10074.5	Sum of GTIs [s]
livetime	10035.146484375	Livetime [s]
ontime2	10074.5	Sum of GTIs [s]
ontime3	10074.5	Sum of GTIs [s]
ontime5	10074.5	Sum of GTIs [s]
ontime6	10074.5	Sum of GTIs [s]
ontime7	10074.5	Sum of GTIs [s]
ontime8	10074.5	Sum of GTIs [s]
l2events	117696	Number of level 2 events

